

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052016\
 Data File : BF087239.D
 Acq On : 20 May 2016 22:23
 Operator : UM/SJ
 Sample : PB90703BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90703BS

Quant Time: May 21 00:49:01 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 17 16:55:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	126775	20.00	ng	-0.05
21) Naphthalene-d8	7.85	136	523321	20.00	ng	-0.05
38) Acenaphthene-d10	9.59	164	255377	20.00	ng	-0.06
63) Phenanthrene-d10	11.07	188	488317	20.00	ng	-0.05
75) Chrysene-d12	13.70	240	331928	20.00	ng	-0.06
86) Perylene-d12	15.04	264	280729	20.00	ng	-0.07

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.15	112	975292	129.31	ng	-0.05
7) Phenol-d6	6.23	99	1204996	119.12	ng	-0.06
23) Nitrobenzene-d5	7.14	82	869586	82.81	ng	-0.05
41) 2,4,6-Tribromophenol	10.39	330	338081	119.80	ng	-0.06
44) 2-Fluorobiphenyl	8.92	172	1318370	85.50	ng	-0.06
78) Terphenyl-d14	12.65	244	1362757	92.87	ng	-0.06

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.04	88	128196	33.04	ng	# 73
3) Pyridine	2.66	79	338435	36.06	ng	# 66
4) n-Nitrosodimethylamine	2.63	42	254146	38.21	ng	# 47
6) Aniline	6.23	93	155609	12.11	ng	# 33
8) 2-Chlorophenol	6.34	128	368840	40.19	ng	# 78
9) Benzaldehyde	6.11	77	72914	10.83	ng	98
10) Phenol	6.24	94	455700	35.84	ng	# 60
11) bis(2-Chloroethyl)ether	6.31	93	394147	41.28	ng	90
12) 1,3-Dichlorobenzene	6.49	146	375530m	38.50	ng	
13) 1,4-Dichlorobenzene	6.57	146	385893m	38.66	ng	
14) 1,2-Dichlorobenzene	6.73	146	342648	39.21	ng	96
15) Benzyl Alcohol	6.73	79	341621	45.36	ng	92
16) 2,2'-oxybis(1-Chloropropan	6.86	45	743995	37.90	ng	59
17) 2-Methylphenol	6.86	107	315313	41.84	ng	# 79
18) Hexachloroethane	7.06	117	153317	40.18	ng	93
19) n-Nitroso-di-n-propylamine	6.99	70	310458	40.37	ng	# 69
20) 3+4-Methylphenols	7.02	107	441275	44.39	ng	# 60
22) Acetophenone	6.98	105	543847	42.47	ng	# 98
24) Nitrobenzene	7.15	77	442408	38.59	ng	96
25) Isophorone	7.39	82	808439	42.06	ng	97
26) 2-Nitrophenol	7.47	139	209489	44.11	ng	# 79
27) 2,4-Dimethylphenol	7.53	122	343270	42.35	ng	# 85
28) bis(2-Chloroethoxy)methane	7.61	93	463997	43.97	ng	# 98
29) 2,4-Dichlorophenol	7.72	162	342736	47.99	ng	97
30) 1,2,4-Trichlorobenzene	7.79	180	345746	43.63	ng	97
31) Naphthalene	7.86	128	1074890	42.04	ng	99
32) Benzoic acid	7.70	122	192010	39.74	ng	# 80
33) 4-Chloroaniline	7.94	127	66638	6.27	ng	# 91
34) Hexachlorobutadiene	7.99	225	200423	44.56	ng	98
35) Caprolactam	8.32	113	103626m	43.57	ng	
36) 4-Chloro-3-methylphenol	8.44	107	361403	41.95	ng	87
37) 2-Methylnaphthalene	8.56	142	744274	45.51	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.73	216	322252	43.20	ng	98
40) Hexachlorocyclopentadiene	8.71	237	248843	85.77	ng	97

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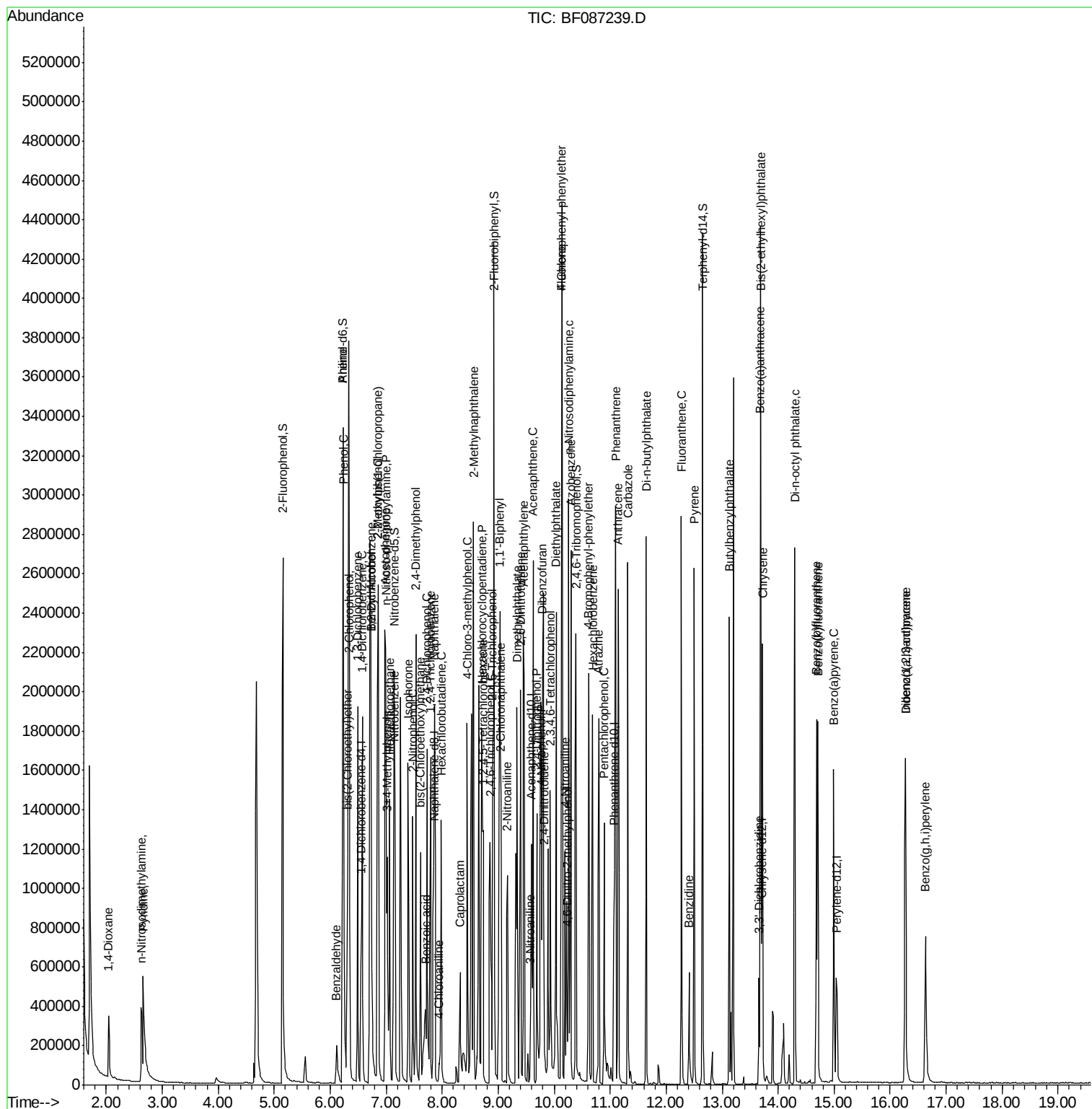
42) 2,4,6-Trichlorophenol	8.86	196	201050	41.56	nq	92
43) 2,4,5-Trichlorophenol	8.90	196	218680	43.52	nq	# 91
45) 1,1'-Biphenyl	9.03	154	970354	45.83	nq	99
46) 2-Chloronaphthalene	9.05	162	707012	43.49	nq	98
47) 2-Nitroaniline	9.16	65	262586	42.15	nq	95
48) Acenaphthylene	9.45	152	1022642	41.20	nq	99
49) Dimethylphthalate	9.34	163	845519	43.40	nq	100
50) 2,6-Dinitrotoluene	9.40	165	198082	46.83	nq	92
51) Acenaphthene	9.62	154	619412	39.94	nq	98
52) 3-Nitroaniline	9.58	138	45600	9.96	nq	# 86
53) 2,4-Dinitrophenol	9.69	184	178362	73.97	nq	# 77
54) Dibenzofuran	9.79	168	948906	47.32	nq	# 86
55) 4-Nitrophenol	9.77	139	161457m	58.62	nq	
56) 2,4-Dinitrotoluene	9.82	165	251572	46.44	nq	# 69
57) Fluorene	10.14	166	699148	43.39	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.93	232	204180	52.17	nq	96
59) Diethylphthalate	10.03	149	822885	44.25	nq	99
60) 4-Chlorophenyl-phenylether	10.14	204	368134	48.20	nq	92
61) 4-Nitroaniline	10.19	138	173811	38.44	nq	# 70
62) Azobenzene	10.30	77	1064615	49.68	nq	88
64) 4,6-Dinitro-2-methylphenol	10.23	198	131657	40.94	nq	89
65) n-Nitrosodiphenylamine	10.26	169	662661	43.12	nq	98
66) 4-Bromophenyl-phenylether	10.62	248	210966	42.01	nq	# 88
67) Hexachlorobenzene	10.68	284	240643	41.33	nq	# 80
68) Atrazine	10.80	200	242298	48.33	nq	93
69) Pentachlorophenol	10.89	266	176588	80.74	nq	98
70) Phenanthrene	11.10	178	1181881	44.63	nq	100
71) Anthracene	11.14	178	1091974	40.76	nq	100
72) Carbazole	11.31	167	1092730	44.66	nq	99
73) Di-n-butylphthalate	11.64	149	1361389	48.44	nq	# 99
74) Fluoranthene	12.27	202	1090137	41.08	nq	96
76) Benzidine	12.41	184	269441	25.86	nq	96
77) Pyrene	12.50	202	1217025	50.75	nq	100
79) Butylbenzylphthalate	13.13	149	562853	55.60	nq	# 87
80) Benzo(a)anthracene	13.68	228	866438	45.15	nq	99
81) 3,3'-Dichlorobenzidine	13.66	252	121119	9.92	nq	# 95
82) Chrysene	13.73	228	942878	50.78	nq	99
83) Bis(2-ethylhexyl)phthalate	13.69	149	718664	58.33	nq	98
84) Di-n-octyl phthalate	14.30	149	1170085	55.13	nq	# 85
85) Indeno(1,2,3-cd)pyrene	16.27	276	683229	41.92	nq	96
87) Benzo(b)fluoranthene	14.69	252	729274m	39.16	nq	
88) Benzo(k)fluoranthene	14.71	252	691336m	49.86	nq	
89) Benzo(a)pyrene	14.99	252	686011	44.07	nq	99
90) Dibenzo(a,h)anthracene	16.27	278	578512	44.14	nq	96
91) Benzo(g,h,i)perylene	16.63	276	579683	43.79	nq	96

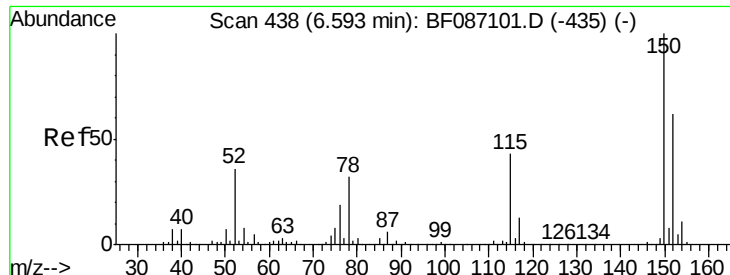
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.56 min Scan# 435

Delta R.T. -0.05 min

Lab File: BF087239.D

Acq: 20 May 2016 22:23

Instrument :

BNA_F

ClientSampleId :

PB90703BS

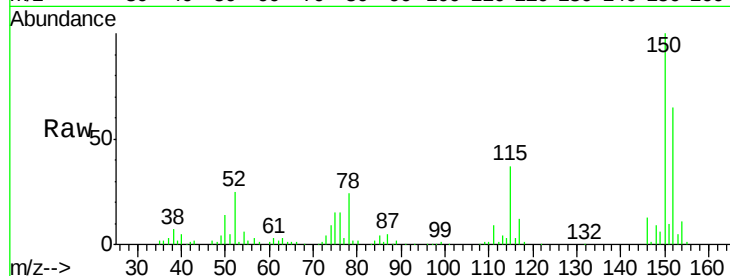
Tot Ion:152 Resp: 126775

Ion Ratio Lower Upper

152 100

150 153.9 125.8 188.6

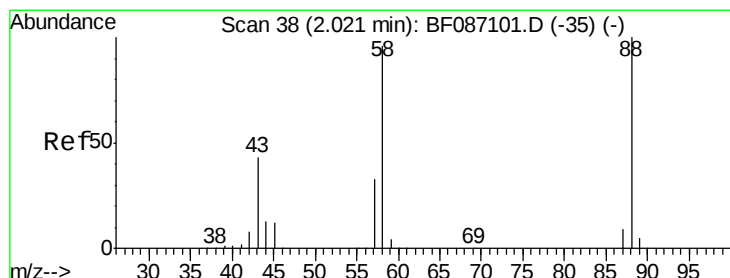
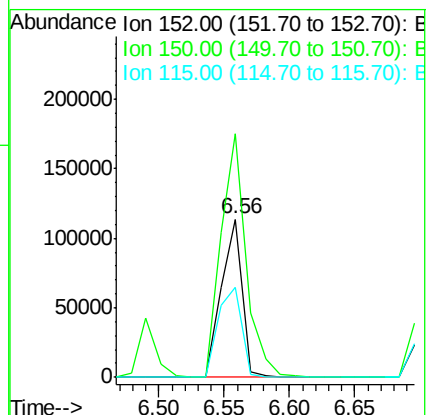
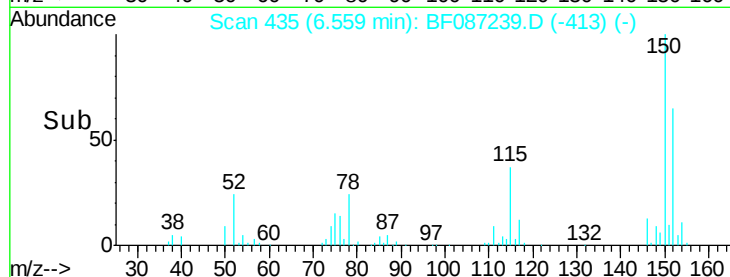
115 57.2 51.5 77.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 33.04 ng

RT: 2.04 min Scan# 40

Delta R.T. -0.01 min

Lab File: BF087239.D

Acq: 20 May 2016 22:23

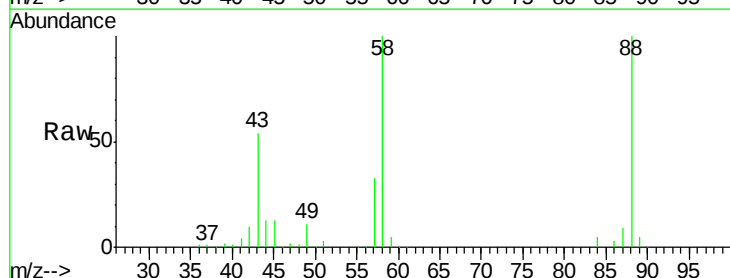
Tgt Ion: 88 Resp: 128196

Ion Ratio Lower Upper

88 100

58 94.8 59.6 89.4#

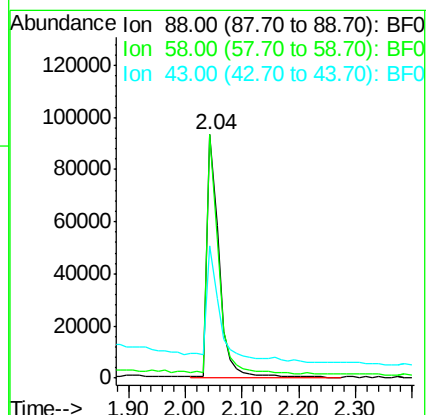
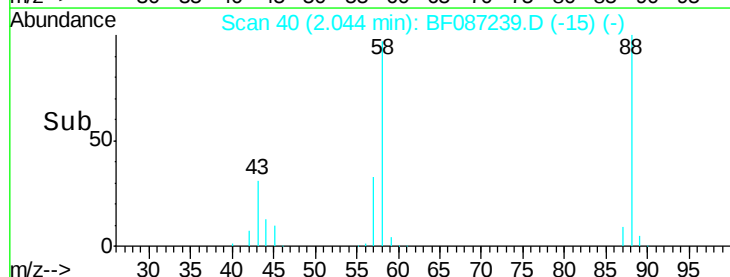
43 45.7 21.8 32.6#

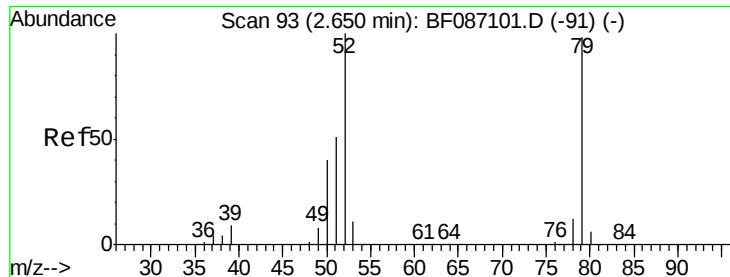


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 36.06 ng

RT: 2.66 min Scan# 94

Delta R.T. -0.02 min

Lab File: BF087239.D

Acq: 20 May 2016 22:23

Instrument :

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ClientSampleId :

PB90703BS

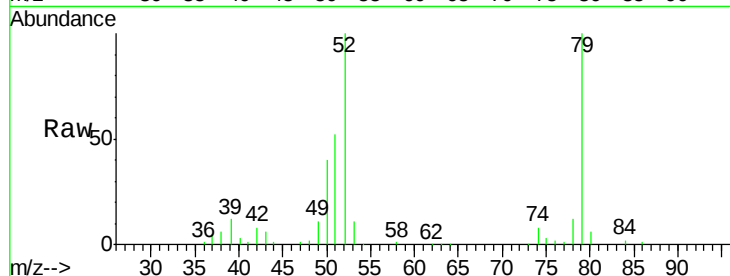
Tot Ion: 79 Resp: 338435

Ion Ratio Lower Upper

79 100

52 99.8 55.9 83.9#

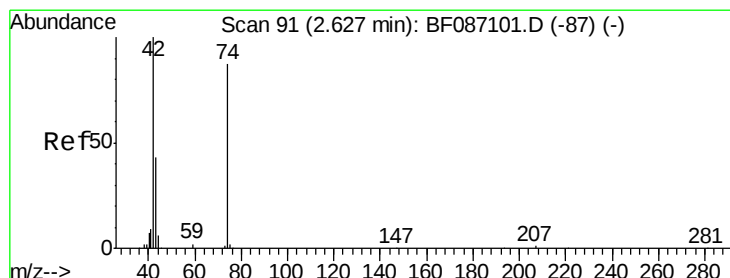
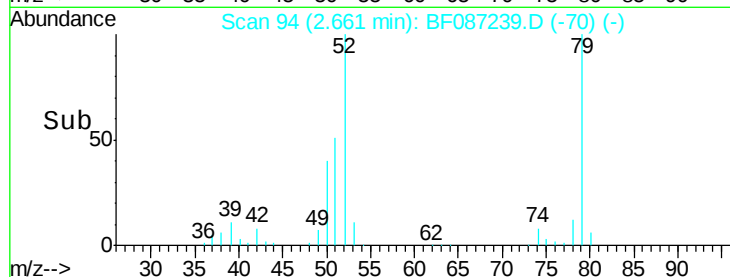
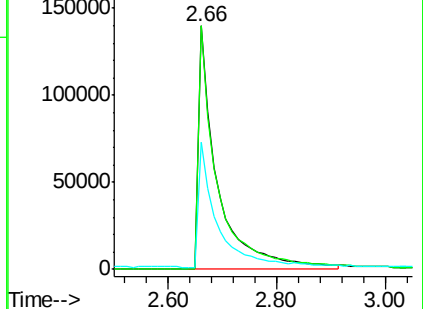
51 52.4 28.1 42.1#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 38.21 ng

RT: 2.63 min Scan# 91

Delta R.T. -0.03 min

Lab File: BF087239.D

Acq: 20 May 2016 22:23

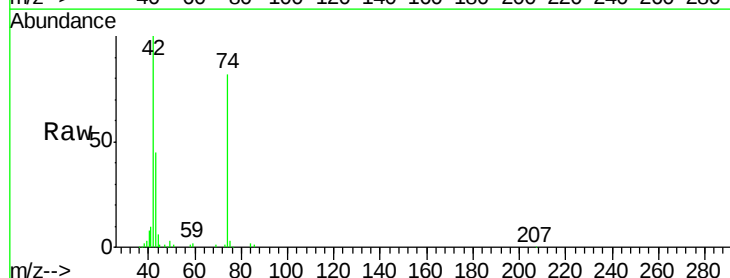
Tgt Ion: 42 Resp: 254146

Ion Ratio Lower Upper

42 100

74 82.5 123.4 185.0#

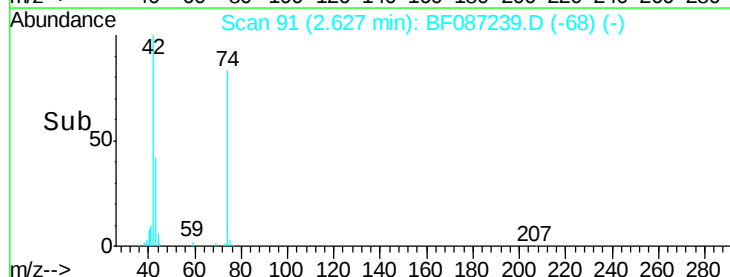
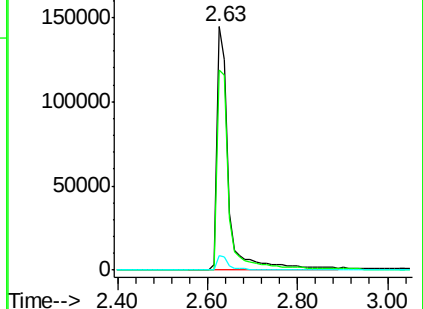
44 6.2 5.8 8.6

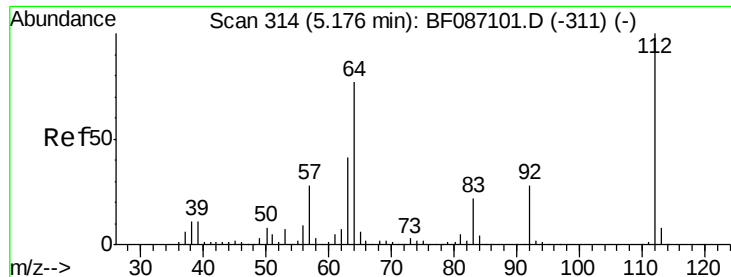


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 129.31 ng

RT: 5.15 min Scan# 312

Delta R.T. -0.05 min

Lab File: BF087239.D

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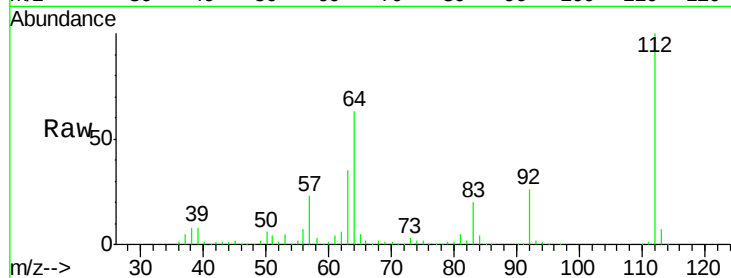
Tot Ion:112 Resp: 975292

Ion Ratio Lower Upper

112 100

64 63.4 52.1 78.1

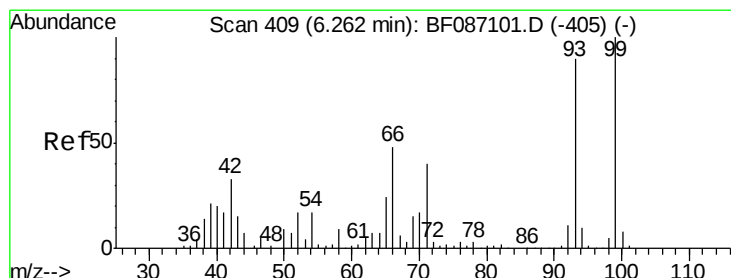
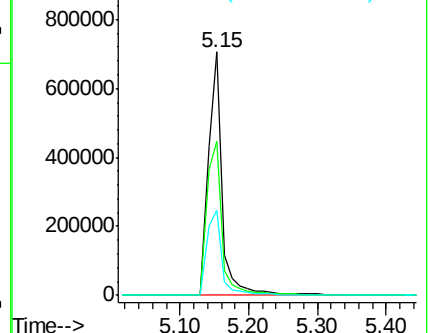
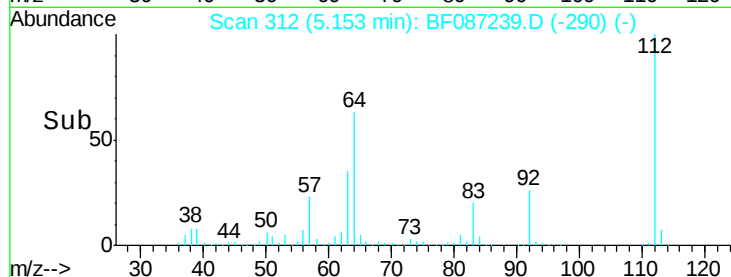
63 34.8 25.7 38.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 12.11 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.05 min

Lab File: BF087239.D

Acq: 20 May 2016 22:23

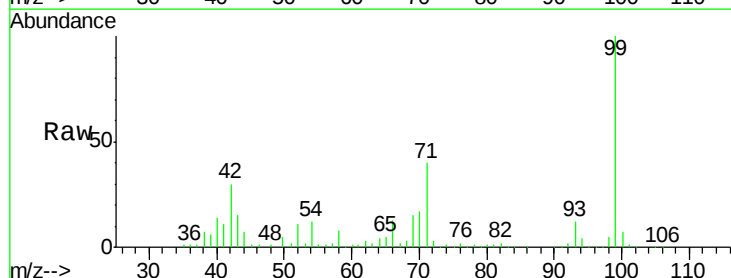
Tgt Ion: 93 Resp: 155609

Ion Ratio Lower Upper

93 100

66 106.6 39.0 58.6#

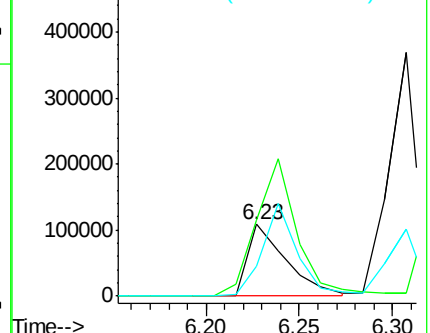
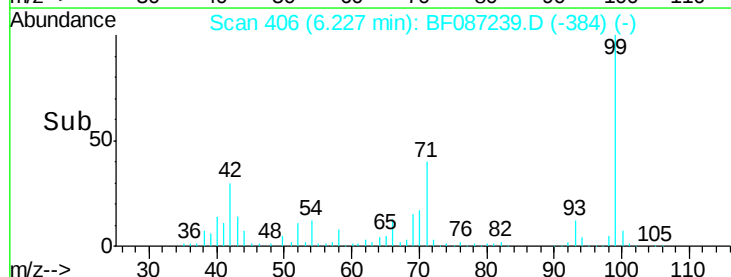
65 42.0 20.6 31.0#

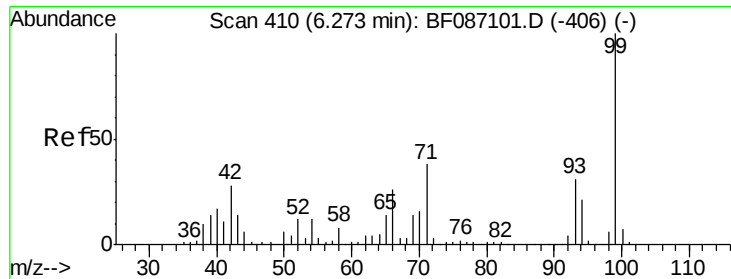


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 119.12 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.06 min

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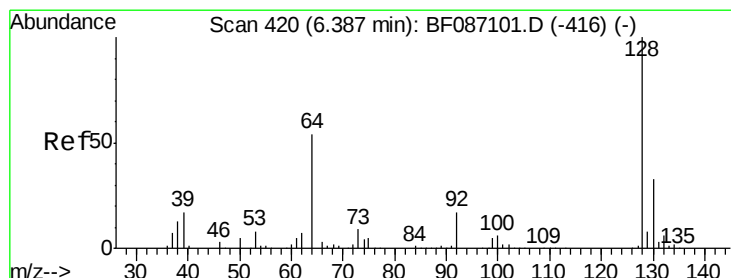
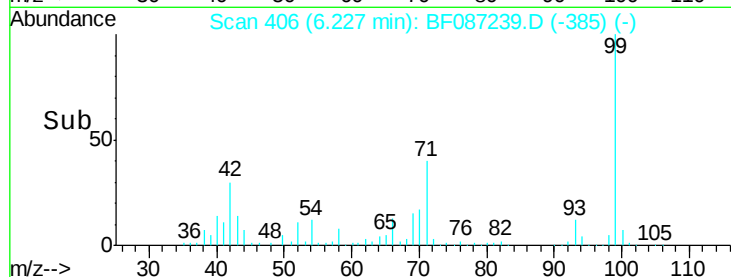
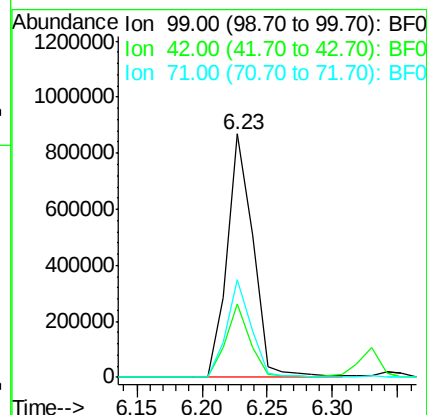
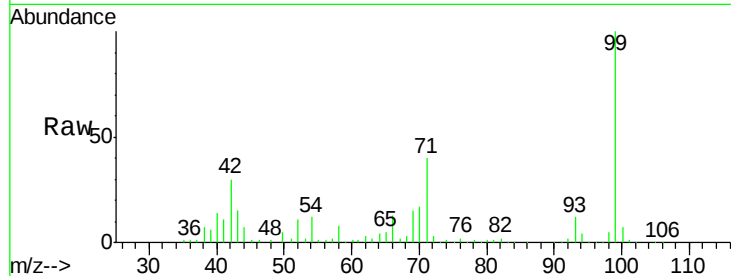
Tot Ion: 99 Resp: 1204996

Ion Ratio Lower Upper

99 100

42 29.9 13.6 20.4#

71 40.0 24.6 36.8#



#8

2-Chlorophenol

Concen: 40.19 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.06 min

Lab File: BF087239.D

Acq: 20 May 2016 22:23

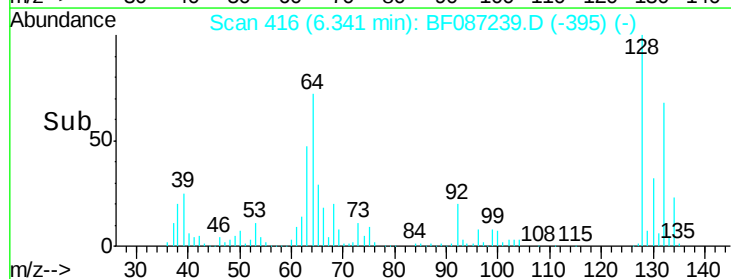
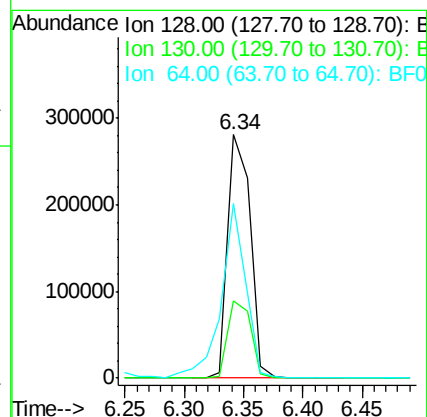
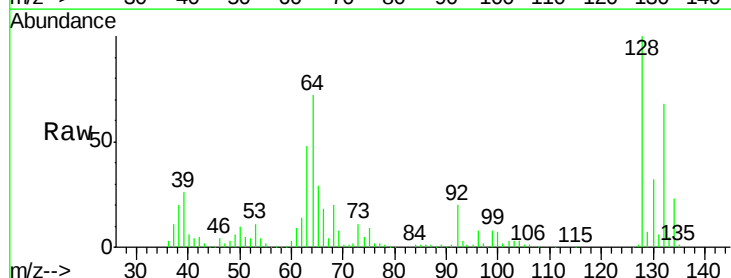
Tgt Ion:128 Resp: 368840

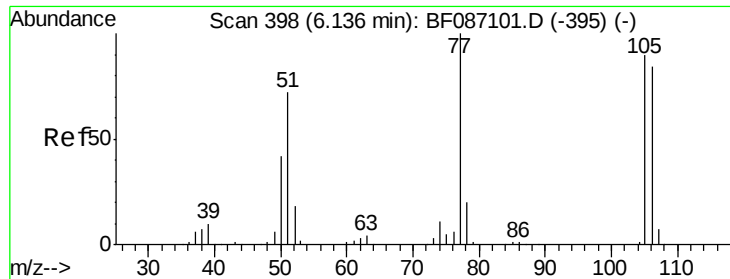
Ion Ratio Lower Upper

128 100

130 32.0 12.5 52.5

64 71.6 27.3 67.3#





#9

Benzaldehyde

Concen: 10.83 ng

RT: 6.11 min Scan# 396

Delta R.T. -0.03 min

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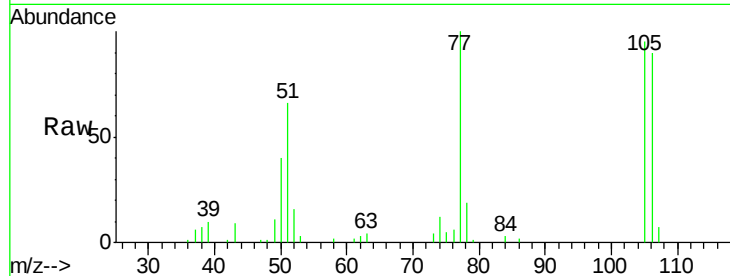
Tot Ion: 77 Resp: 72914

Ion Ratio Lower Upper

77 100

105 95.5 72.7 112.7

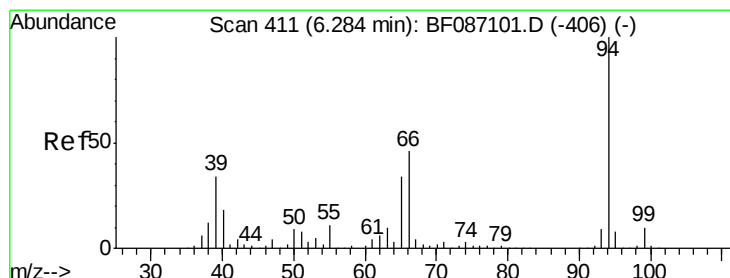
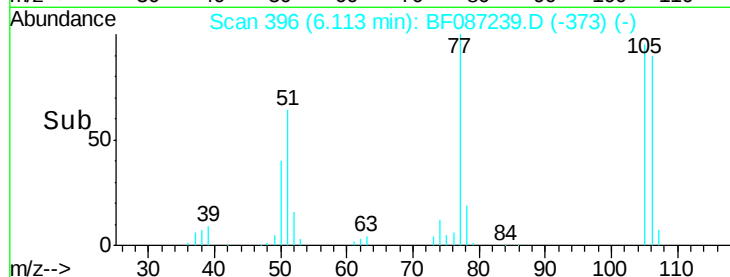
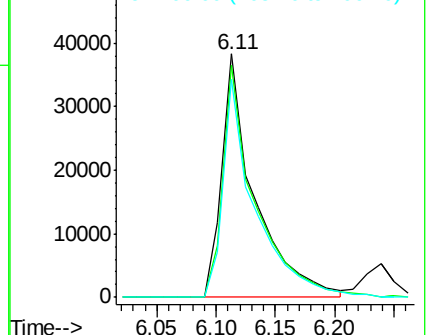
106 89.6 70.8 110.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 35.84 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.06 min

Lab File: BF087239.D

Acq: 20 May 2016 22:23

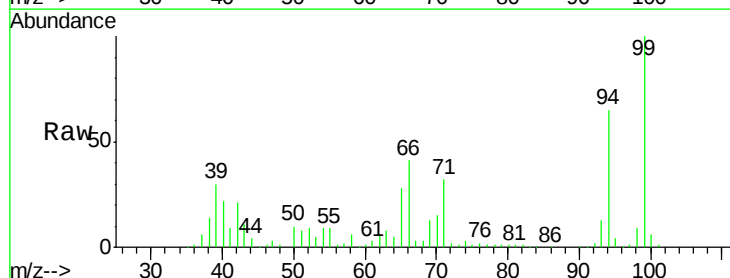
Tgt Ion: 94 Resp: 455700

Ion Ratio Lower Upper

94 100

65 42.5 7.2 47.2

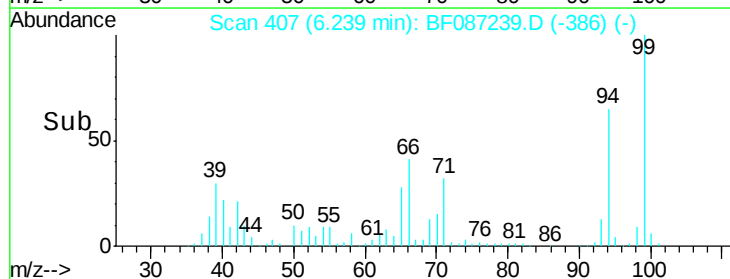
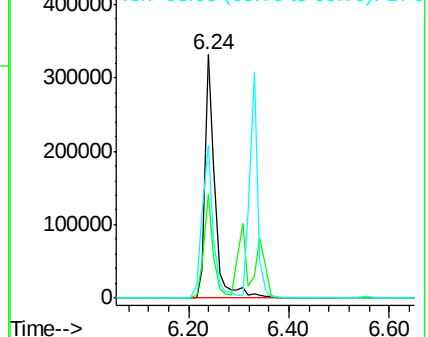
66 62.9 14.9 54.9#

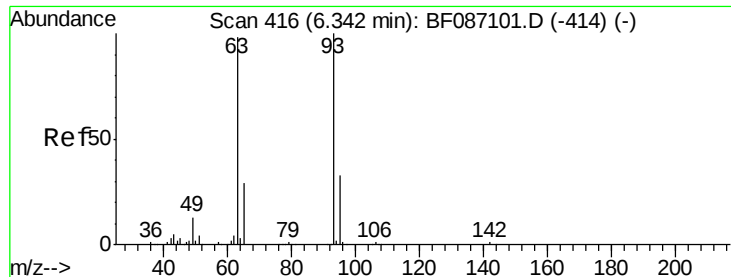


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 41.28 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.05 min

Lab File: BF087239.D

Acq: 20 May 2016 22:23

Instrument :

BNA_F

ClientSampleId :

PB90703BS

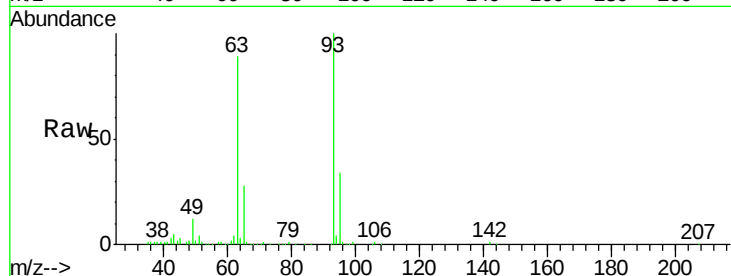
Tot Ion: 93 Resp: 394147

Ion Ratio Lower Upper

93 100

63 89.2 58.0 98.0

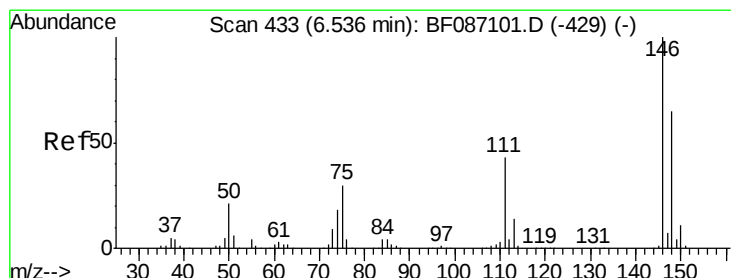
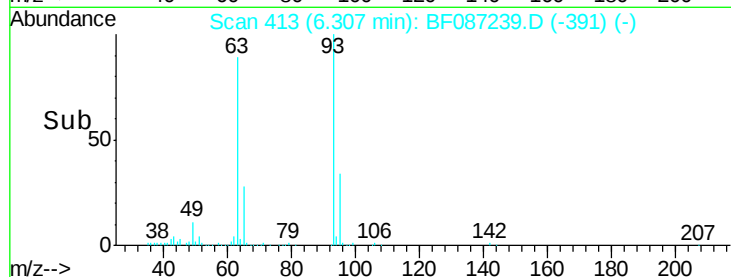
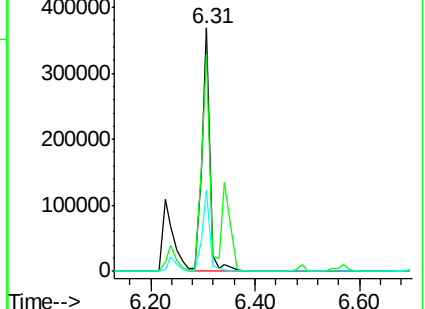
95 33.6 11.9 51.9



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 38.50 ng m

RT: 6.49 min Scan# 429

Delta R.T. -0.06 min

Lab File: BF087239.D

Acq: 20 May 2016 22:23

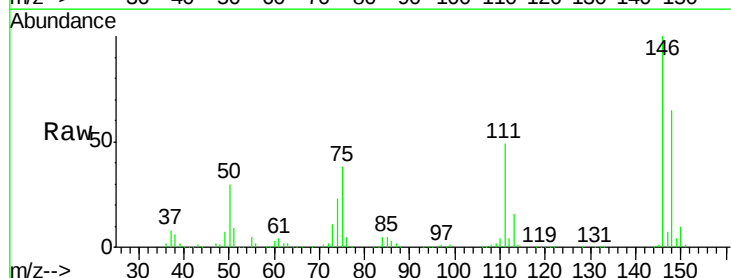
Tgt Ion: 146 Resp: 375530

Ion Ratio Lower Upper

146 100

148 64.8 52.4 78.6

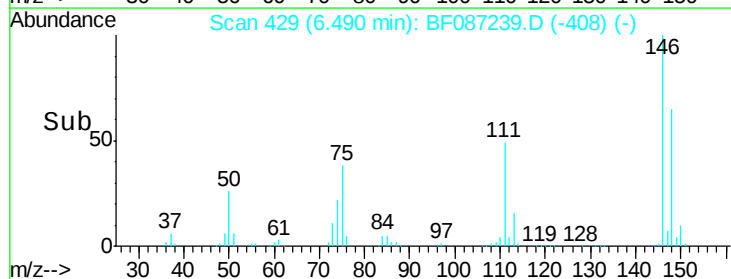
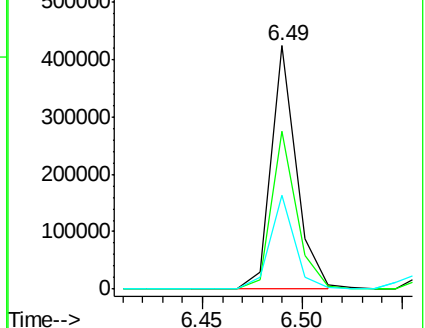
75 38.5 22.8 34.2#

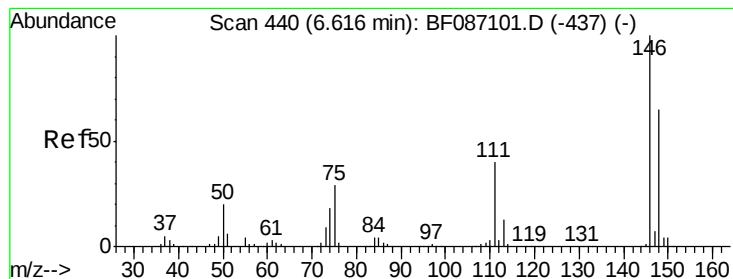


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 38.66 ng/mL

RT: 6.57 min Scan# 436

Delta R.T. -0.06 min

Lab File: BF087239.D

Acq: 20 May 2016 22:23

Instrument :

BNA_F

ClientSampleID :

PB90703BS

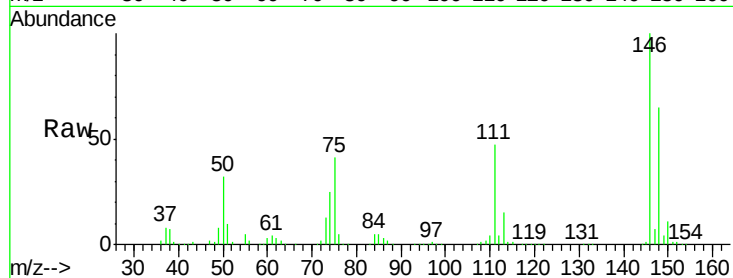
Tot Ion:146 Resp: 385893

Ion Ratio Lower Upper

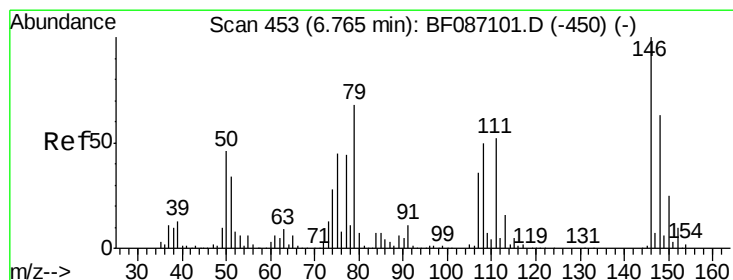
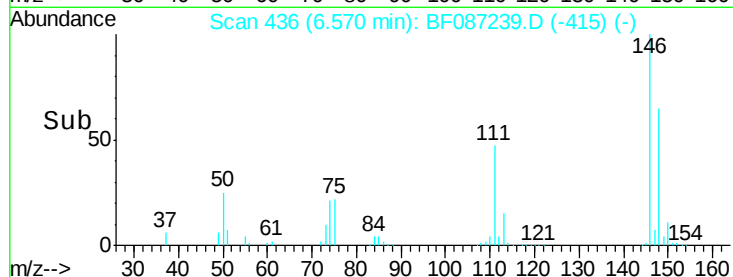
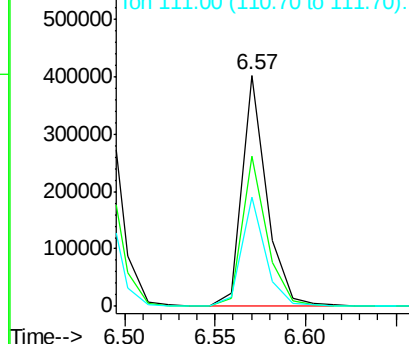
146 100

148 64.9 52.2 78.4

111 47.2 30.7 46.1#



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.21 ng/mL

RT: 6.73 min Scan# 450

Delta R.T. -0.05 min

Lab File: BF087239.D

Acq: 20 May 2016 22:23

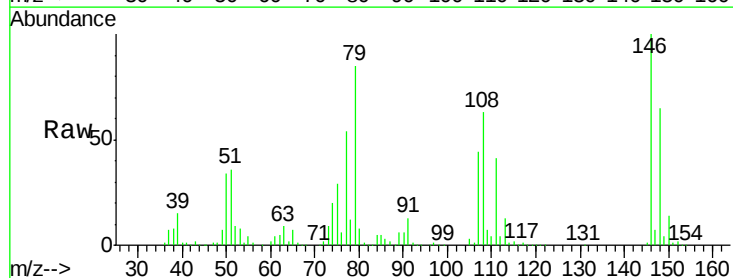
Tgt Ion:146 Resp: 342648

Ion Ratio Lower Upper

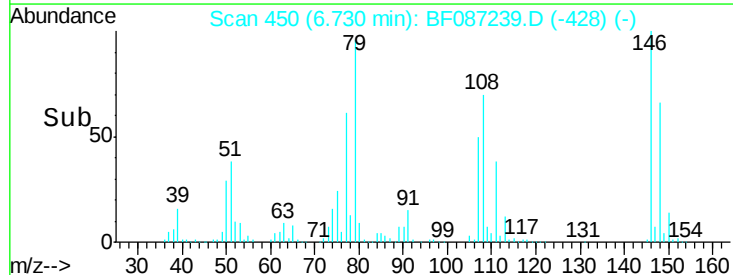
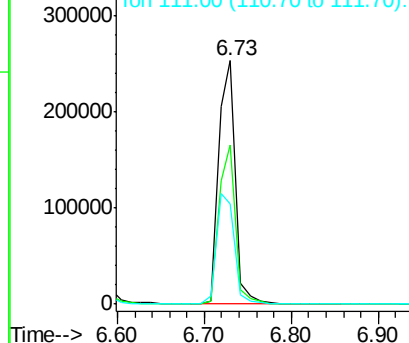
146 100

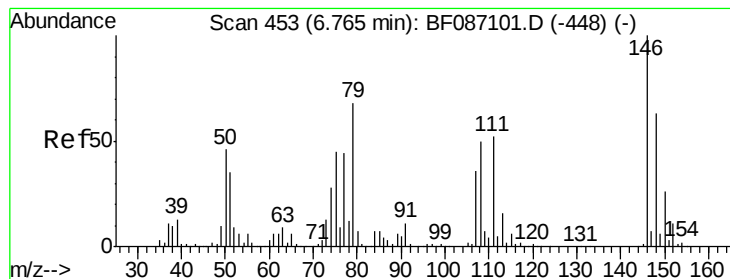
148 65.2 51.0 76.6

111 41.0 36.2 54.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 45.36 ng

RT: 6.73 min Scan# 450

Delta R.T. -0.05 min

Lab File: BF087239.D

Acq: 20 May 2016 22:23

Instrument :

BNA_F

ClientSampleId :

PB90703BS

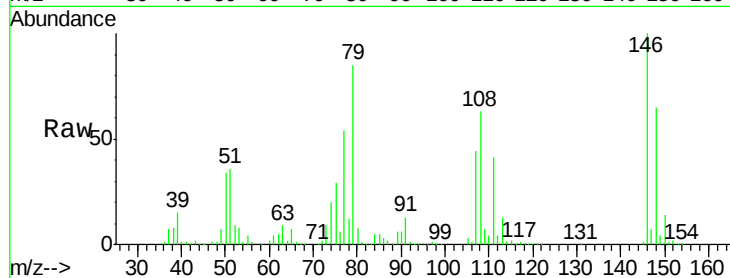
Tot Ion: 79 Resp: 341621

Ion Ratio Lower Upper

79 100

108 73.3 68.4 102.6

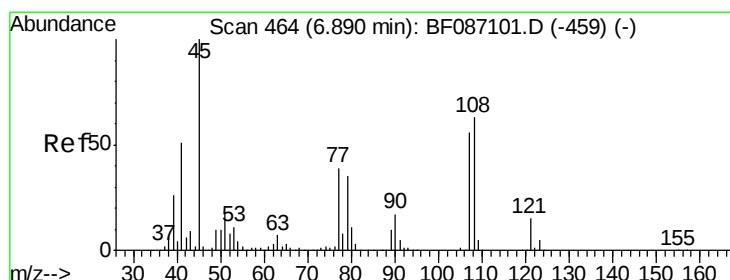
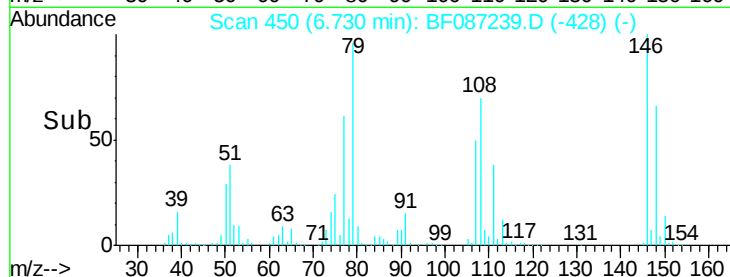
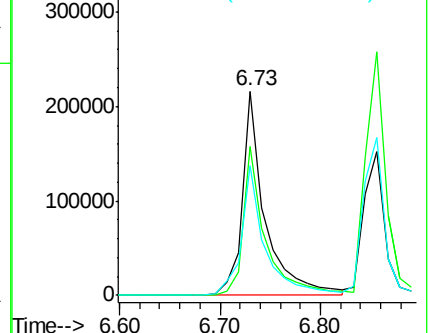
77 63.5 50.6 76.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.90 ng

RT: 6.86 min Scan# 461

Delta R.T. -0.05 min

Lab File: BF087239.D

Acq: 20 May 2016 22:23

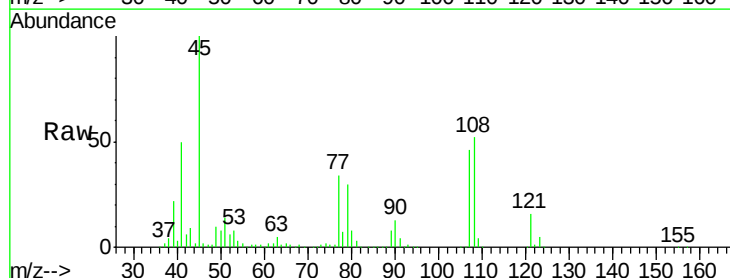
Tgt Ion: 45 Resp: 743995

Ion Ratio Lower Upper

45 100

77 33.6 0.0 36.4

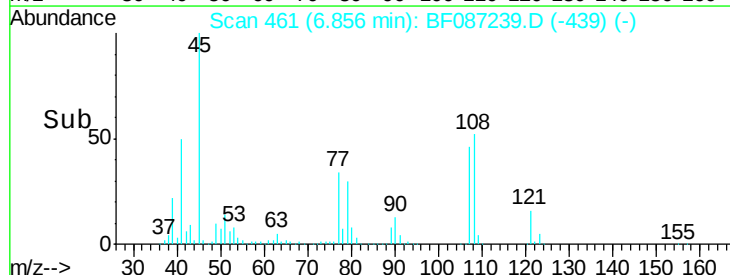
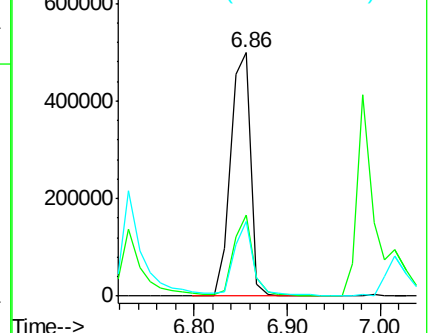
79 30.5 0.0 33.4

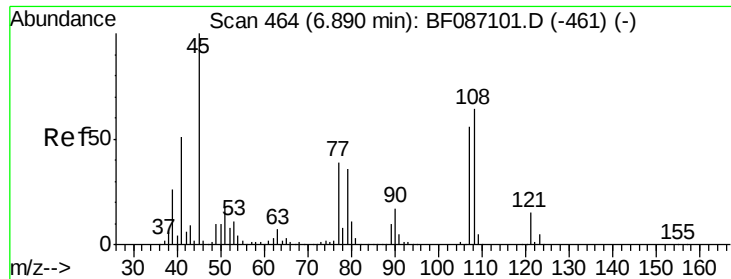


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

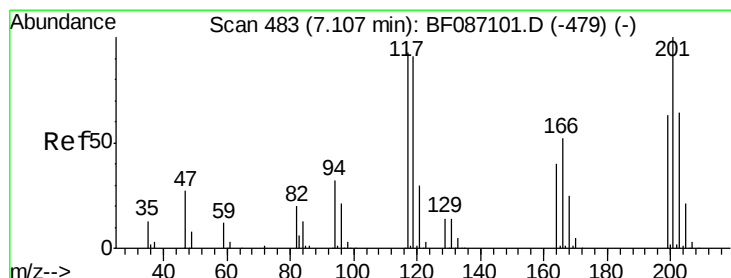
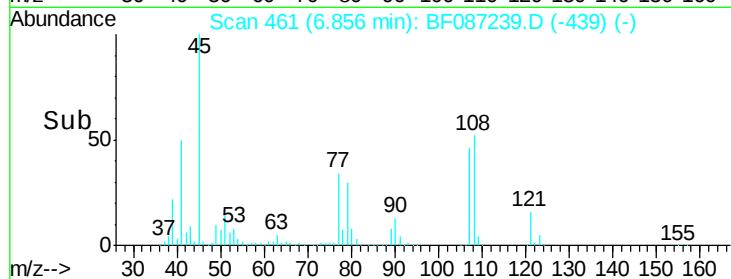
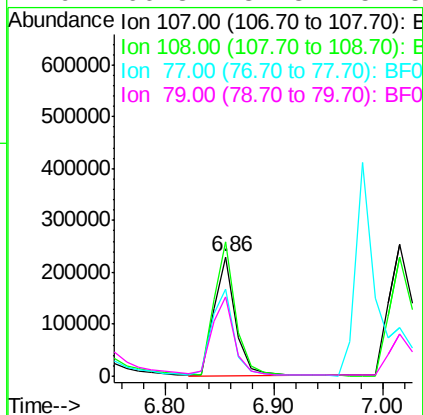
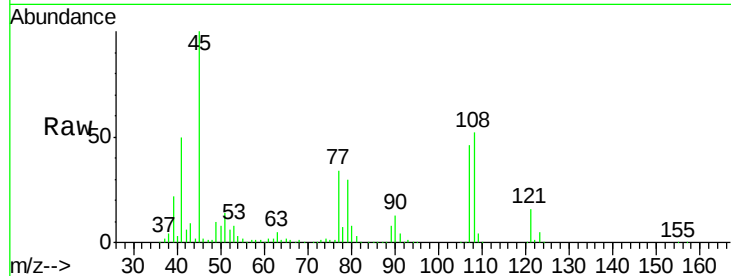




#17
2-Methylphenol
Concen: 41.84 ng
RT: 6.86 min Scan# 461
Delta R.T. -0.05 min
Lab File: BF087239.D
Acq: 20 May 2016 22:23

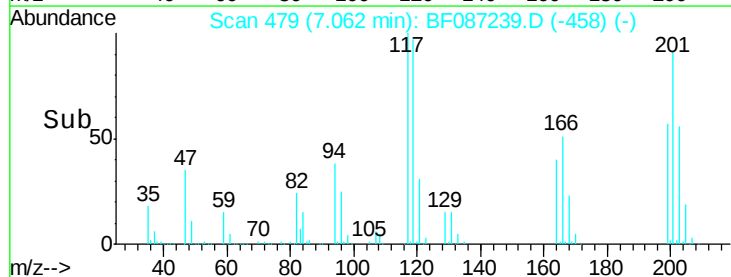
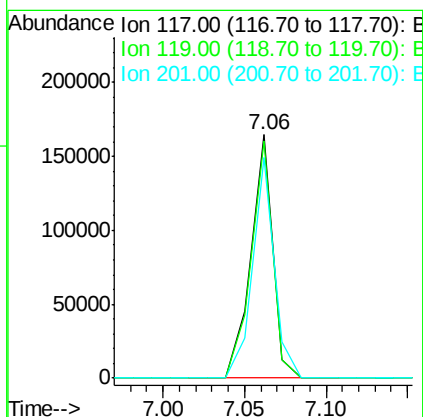
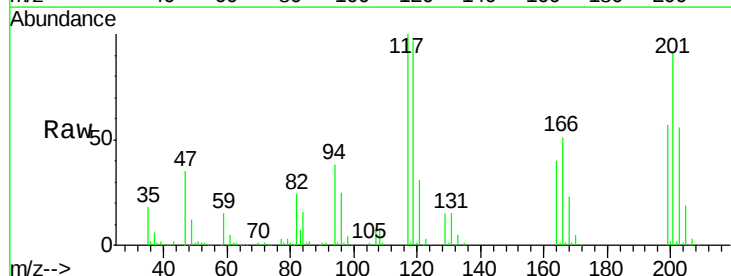
Instrument :
BNA_F
ClientSampleId :
PB90703BS

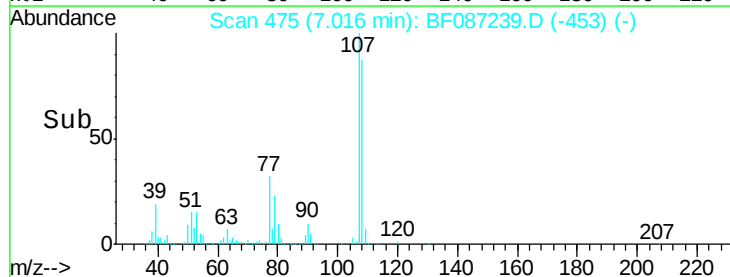
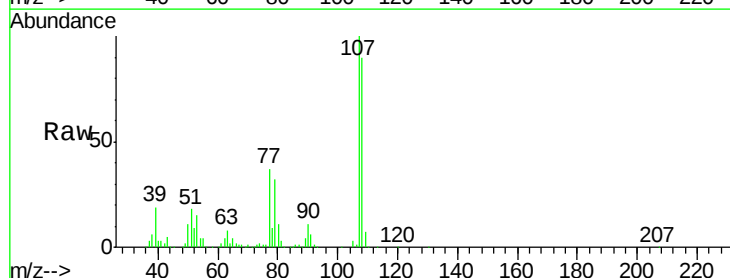
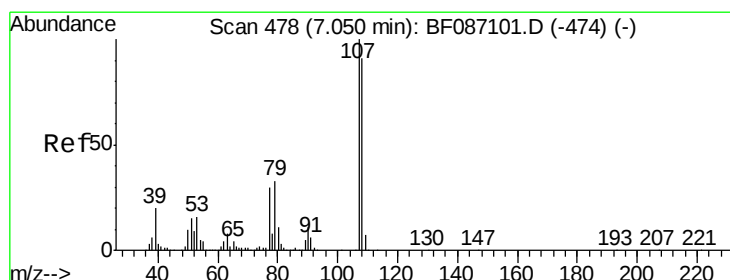
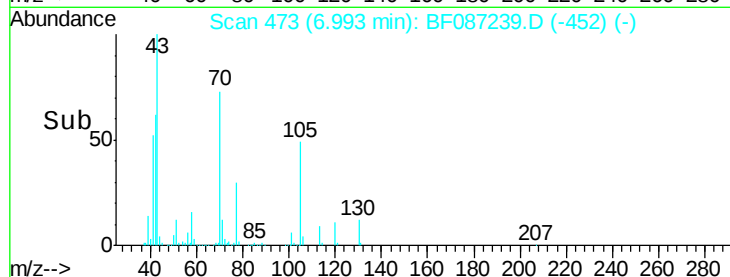
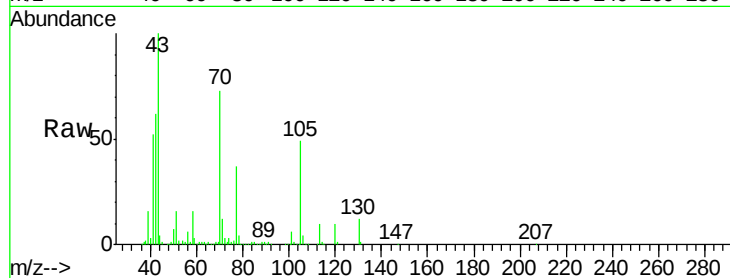
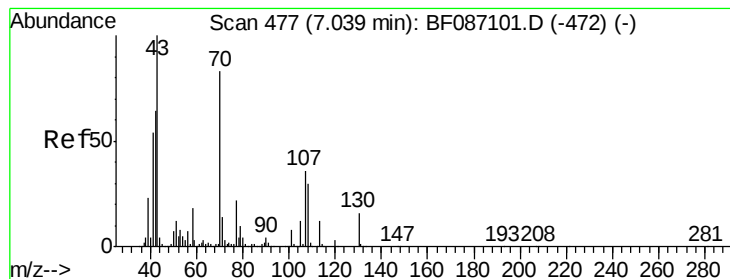
Tot Ion:107 Resp: 315313
Ion Ratio Lower Upper
107 100
108 112.3 93.7 140.5
77 73.0 33.4 50.0#
79 66.3 34.3 51.5#



#18
Hexachloroethane
Concen: 40.18 ng
RT: 7.06 min Scan# 479
Delta R.T. -0.06 min
Lab File: BF087239.D
Acq: 20 May 2016 22:23

Tgt Ion:117 Resp: 153317
Ion Ratio Lower Upper
117 100
119 97.2 76.5 114.7
201 90.8 63.0 94.6





#19

n-Nitroso-di-n-propylamine

Concen: 40.37 ng

RT: 6.99 min Scan# 473

Delta R.T. -0.06 min

Lab File: BF087239.D

Acq: 20 May 2016 22:23

Instrument :

BNA_F

ClientSampleId :

PB90703BS

Tot Ion: 70 Resp: 310458

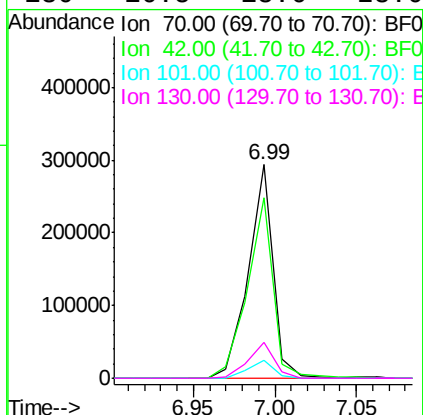
Ion Ratio Lower Upper

70 100

42 84.8 43.1 64.7#

101 8.4 8.1 12.1

130 16.5 18.6 28.0#



#20

3+4-Methylphenols

Concen: 44.39 ng

RT: 7.02 min Scan# 475

Delta R.T. -0.05 min

Lab File: BF087239.D

Acq: 20 May 2016 22:23

Tgt Ion:107 Resp: 441275

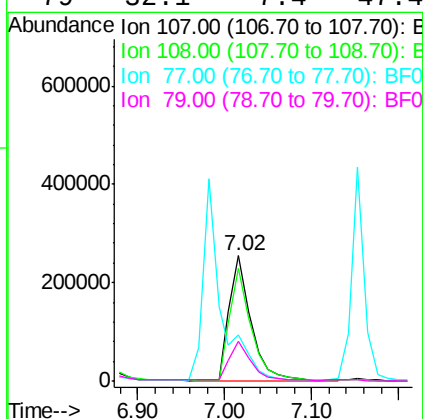
Ion Ratio Lower Upper

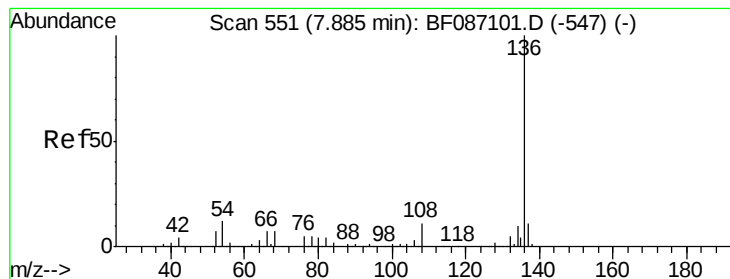
107 100

108 90.0 68.5 108.5

77 36.9 101.6 141.6#

79 32.1 7.4 47.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.85 min Scan# 548

Delta R.T. -0.05 min

Lab File: BF087239.D

Acq: 20 May 2016 22:23

Instrument :

BNA_F

ClientSampleId :

PB90703BS

Tot Ion:136 Resp: 523321

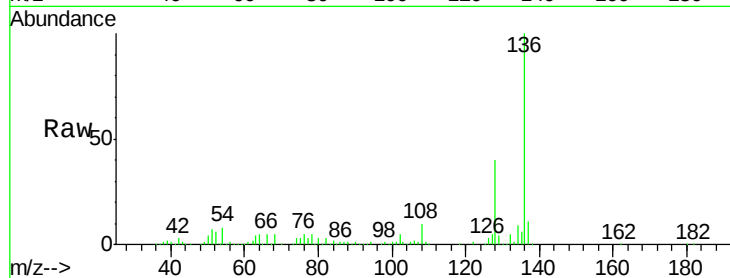
Ion Ratio Lower Upper

136 100

137 10.5 8.8 13.2

54 8.1 5.0 7.4#

68 4.6 4.4 6.6

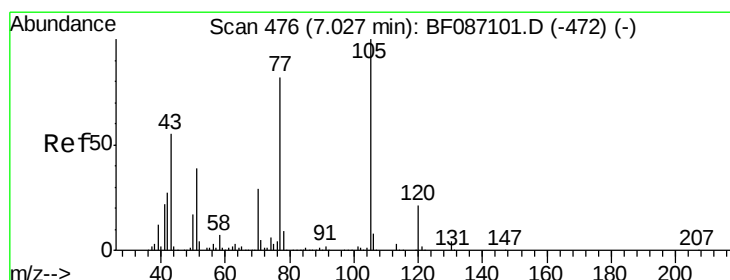
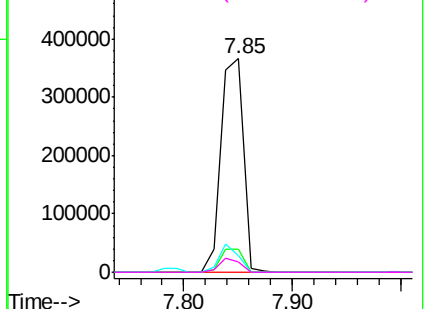
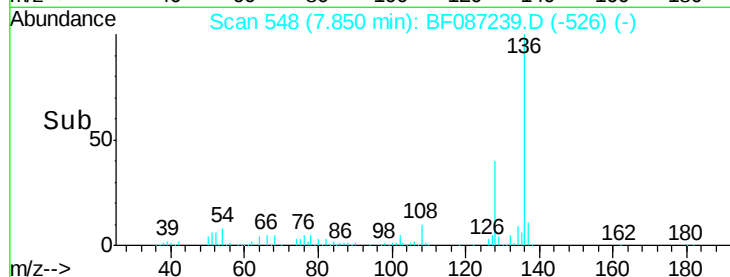


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 42.47 ng

RT: 6.98 min Scan# 472

Delta R.T. -0.06 min

Lab File: BF087239.D

Acq: 20 May 2016 22:23

Tgt Ion:105 Resp: 543847

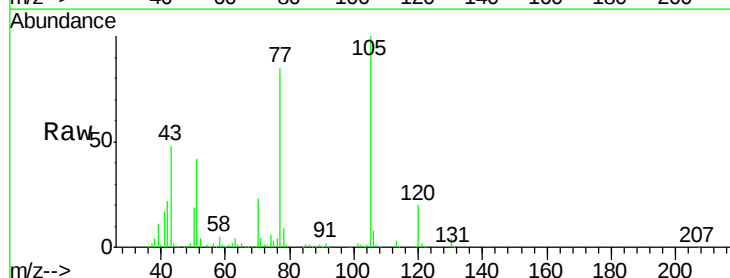
Ion Ratio Lower Upper

105 100

71 3.8 4.8 7.2#

51 41.8 32.6 49.0

120 20.4 16.5 24.7

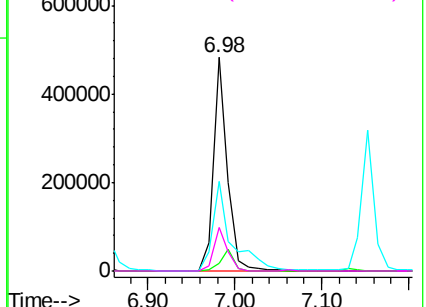
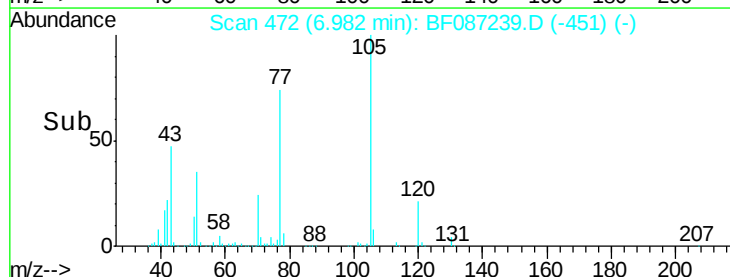


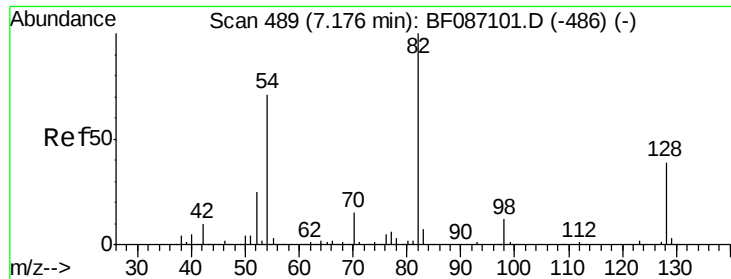
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

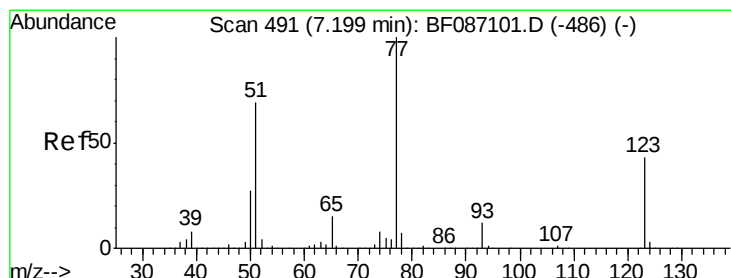
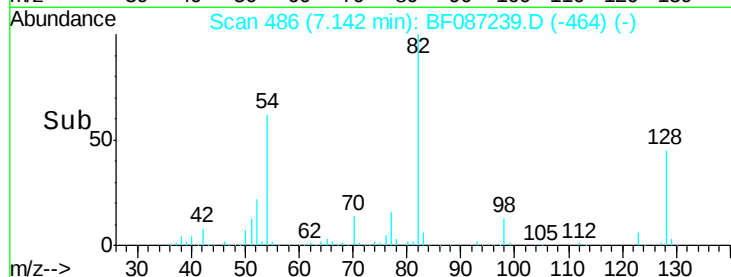
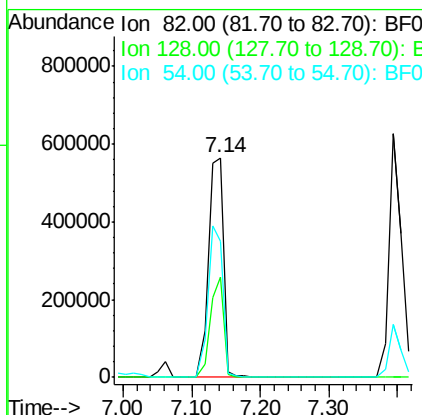
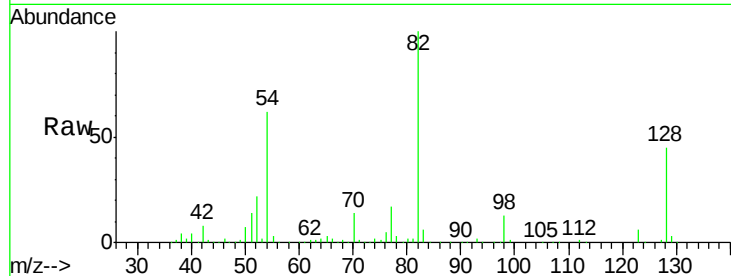




#23
Nitrobenzene-d5
Concen: 82.81 ng
RT: 7.14 min Scan# 486
Delta R.T. -0.05 min
Lab File: BF087239.D
Acq: 20 May 2016 22:23

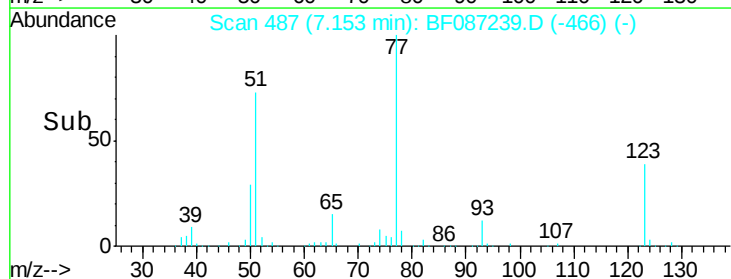
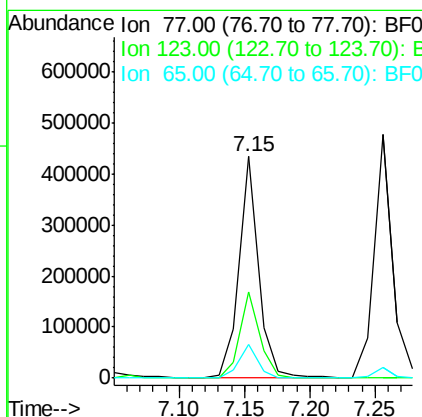
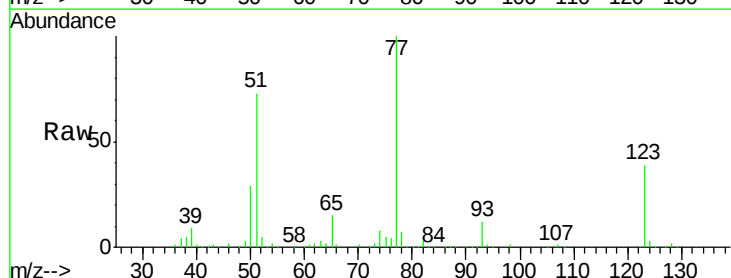
Instrument :
BNA_F
ClientSampleId :
PB90703BS

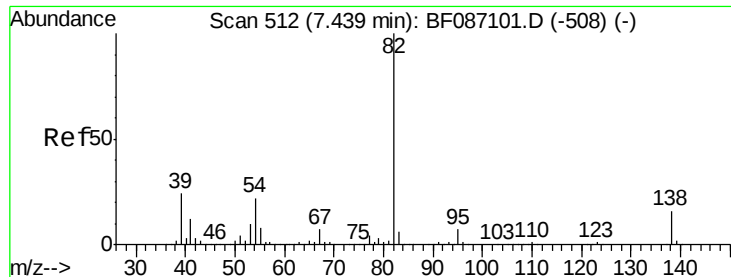
Tot Ion: 82 Resp: 869586
Ion Ratio Lower Upper
82 100
128 45.4 40.6 61.0
54 62.0 38.1 57.1#



#24
Nitrobenzene
Concen: 38.59 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.06 min
Lab File: BF087239.D
Acq: 20 May 2016 22:23

Tgt Ion: 77 Resp: 442408
Ion Ratio Lower Upper
77 100
123 38.9 33.0 49.4
65 15.4 10.8 16.2





#25

Isophorone

Concen: 42.06 ng

RT: 7.39 min Scan# 508

Delta R.T. -0.06 min

Lab File: BF087239.D

Acq: 20 May 2016 22:23

Instrument :

BNA_F

ClientSampleId :

PB90703BS

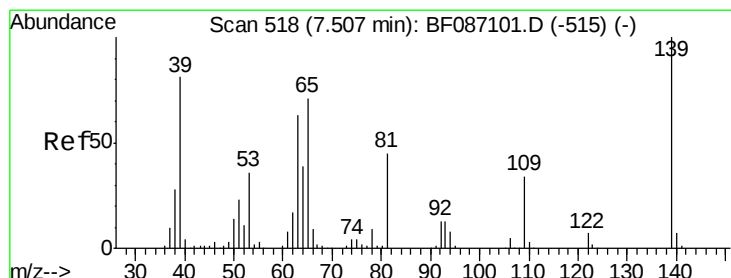
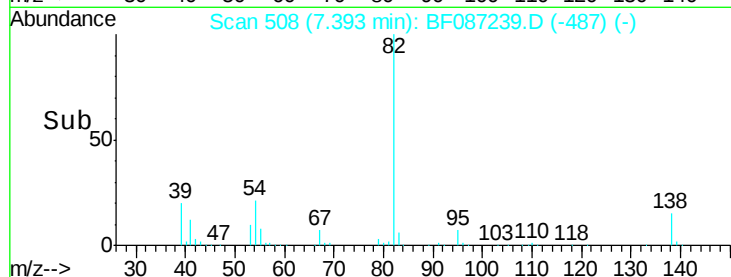
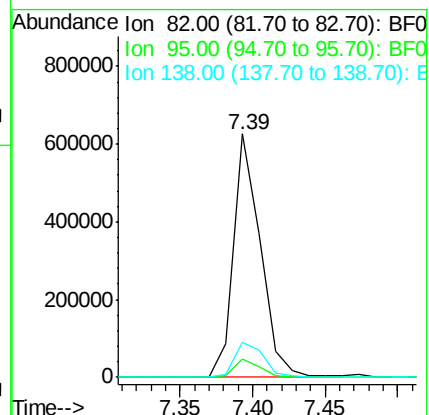
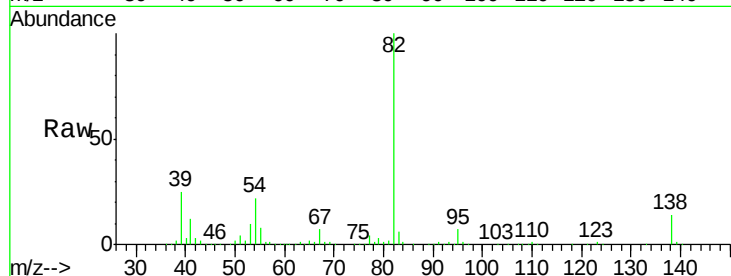
Tot Ion: 82 Resp: 808439

Ion Ratio Lower Upper

82 100

95 7.3 5.1 7.7

138 14.3 12.4 18.6



#26

2-Nitrophenol

Concen: 44.11 ng

RT: 7.47 min Scan# 515

Delta R.T. -0.05 min

Lab File: BF087239.D

Acq: 20 May 2016 22:23

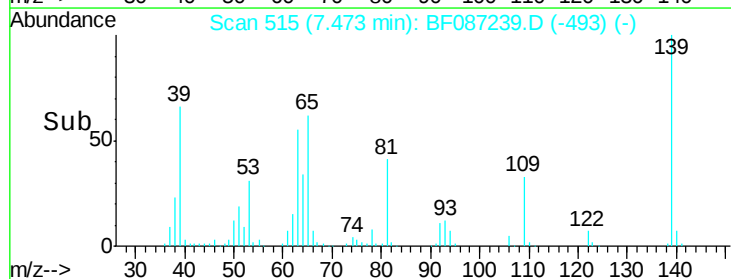
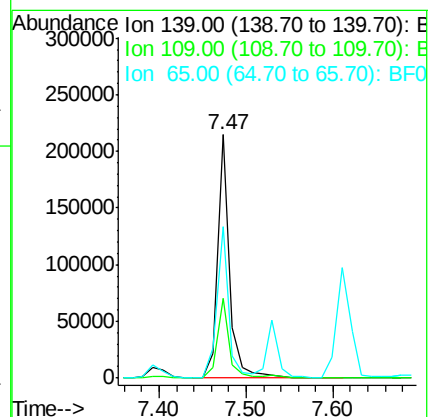
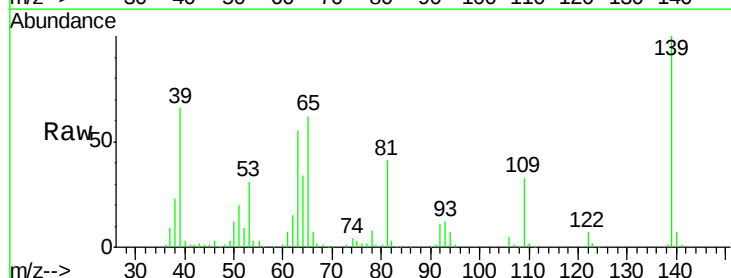
Tgt Ion: 139 Resp: 209489

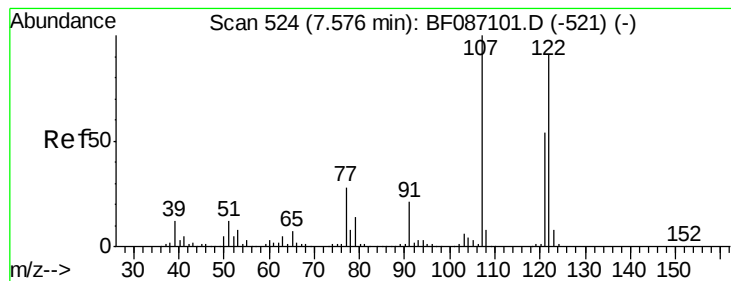
Ion Ratio Lower Upper

139 100

109 32.7 19.5 29.3#

65 62.4 37.5 56.3#





#27

2,4-Dimethylphenol

Concen: 42.35 ng

RT: 7.53 min Scan# 520

Delta R.T. -0.06 min

Lab File: BF087239.D

Acq: 20 May 2016 22:23

Instrument :

BNA_F

ClientSampleId :

PB90703BS

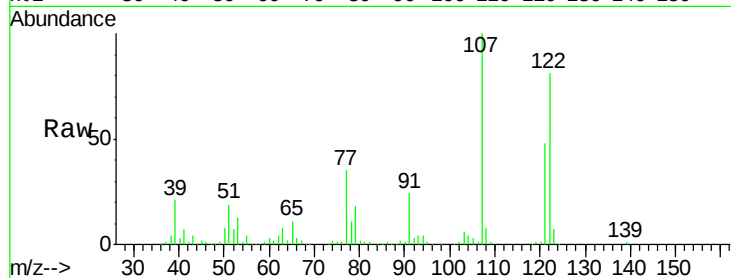
Tot Ion:122 Resp: 343270

Ion Ratio Lower Upper

122 100

107 123.9 82.0 123.0#

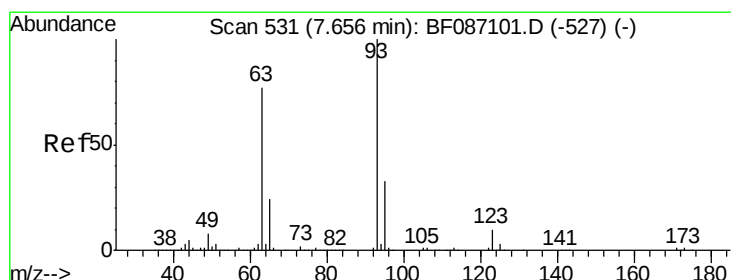
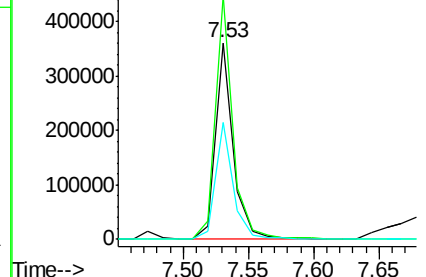
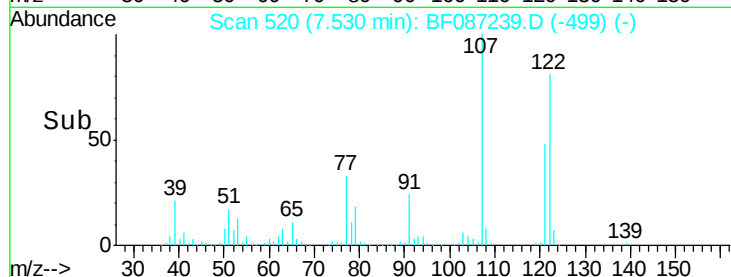
121 59.8 46.1 69.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.97 ng

RT: 7.61 min Scan# 527

Delta R.T. -0.06 min

Lab File: BF087239.D

Acq: 20 May 2016 22:23

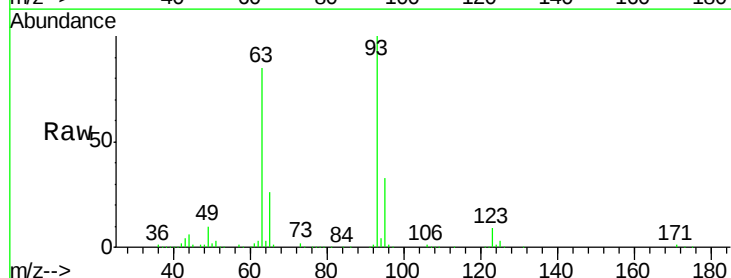
Tgt Ion: 93 Resp: 463997

Ion Ratio Lower Upper

93 100

95 32.9 26.0 39.0

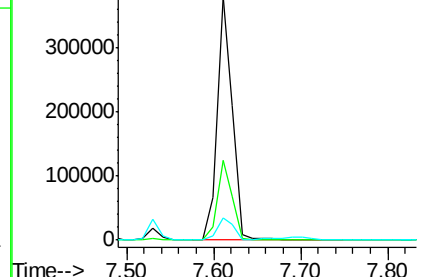
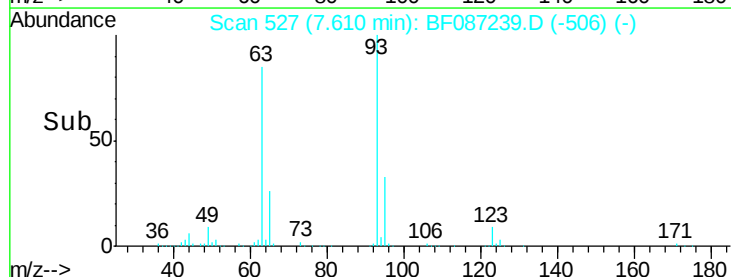
123 9.3 9.5 14.3#

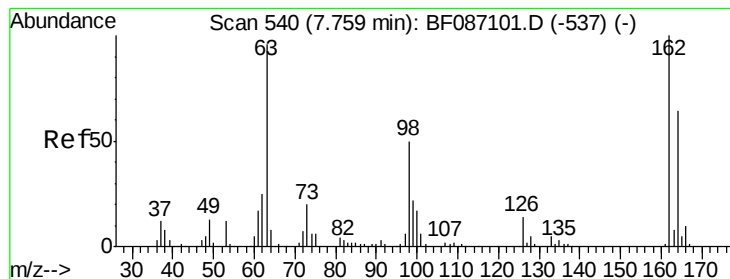


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 47.99 ng

RT: 7.72 min Scan# 537

Delta R.T. -0.06 min

Lab File: BF087239.D

Acq: 20 May 2016 22:23

Instrument :

BNA_F

ClientSampleId :

PB90703BS

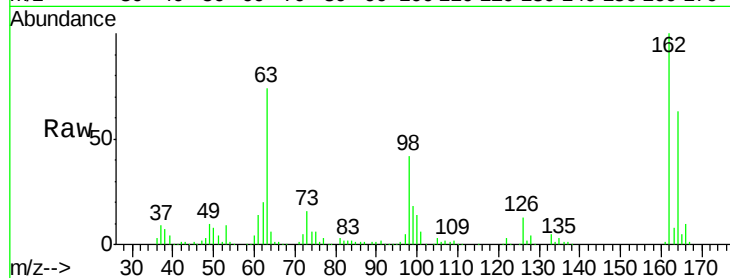
Tot Ion:162 Resp: 342736

Ion Ratio Lower Upper

162 100

164 63.3 42.2 82.2

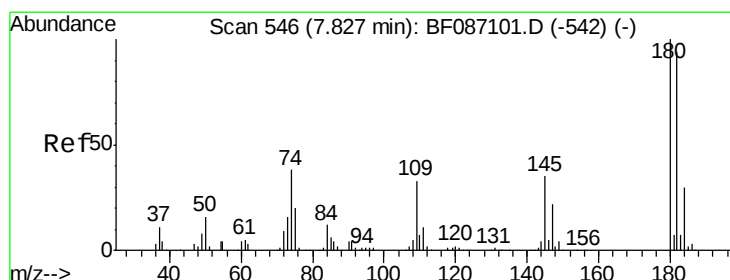
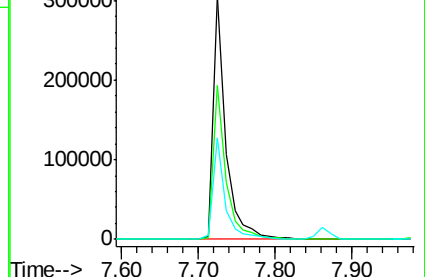
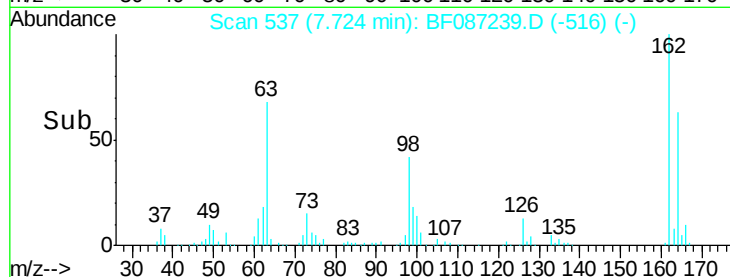
98 41.9 19.0 59.0



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 43.63 ng

RT: 7.79 min Scan# 543

Delta R.T. -0.05 min

Lab File: BF087239.D

Acq: 20 May 2016 22:23

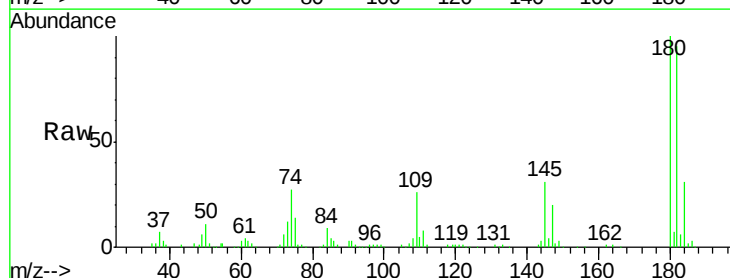
Tgt Ion:180 Resp: 345746

Ion Ratio Lower Upper

180 100

182 94.7 78.0 117.0

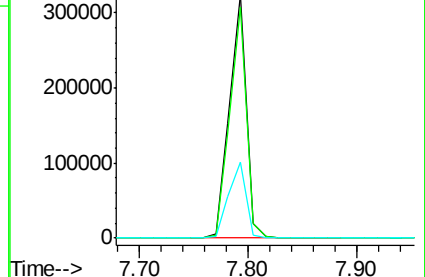
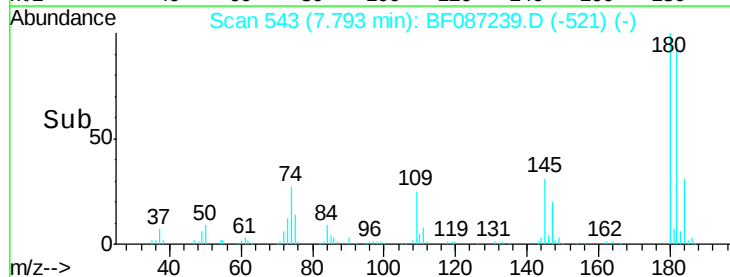
145 31.1 24.2 36.2

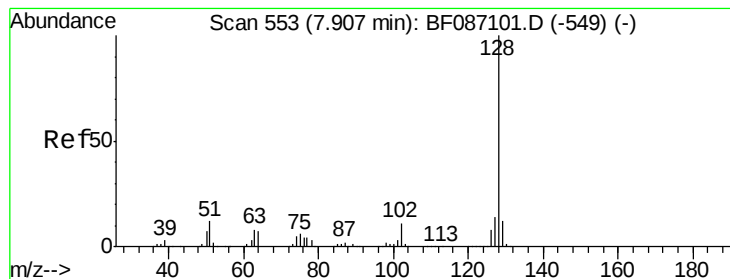


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 42.04 ng

RT: 7.86 min Scan# 549

Delta R.T. -0.06 min

Lab File: BF087239.D

Acq: 20 May 2016 22:23

Instrument :

BNA_F

ClientSampleId :

PB90703BS

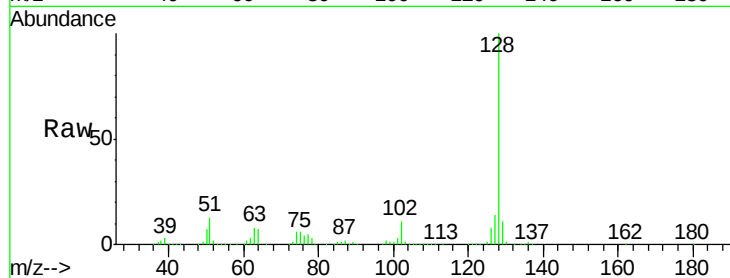
Tot Ion:128 Resp: 1074890

Ion Ratio Lower Upper

128 100

129 11.5 8.6 13.0

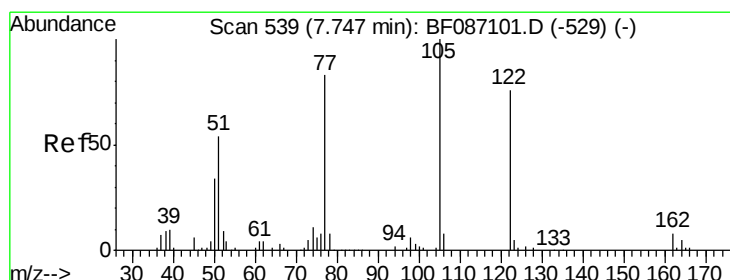
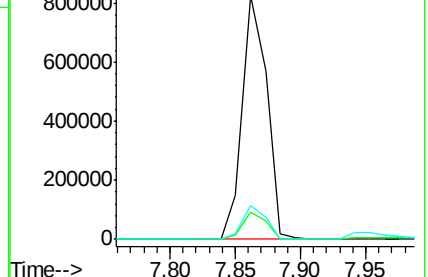
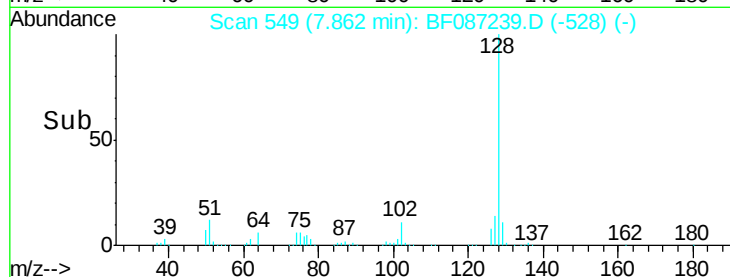
127 13.7 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 39.74 ng

RT: 7.70 min Scan# 535

Delta R.T. -0.05 min

Lab File: BF087239.D

Acq: 20 May 2016 22:23

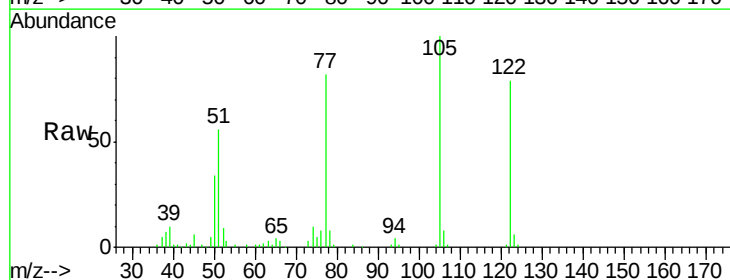
Tgt Ion:122 Resp: 192010

Ion Ratio Lower Upper

122 100

105 127.3 92.6 132.6

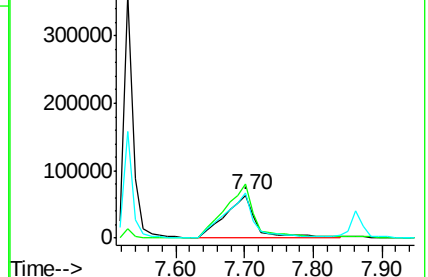
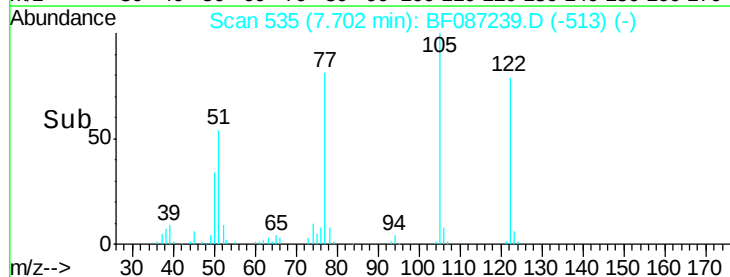
77 104.7 60.0 100.0#

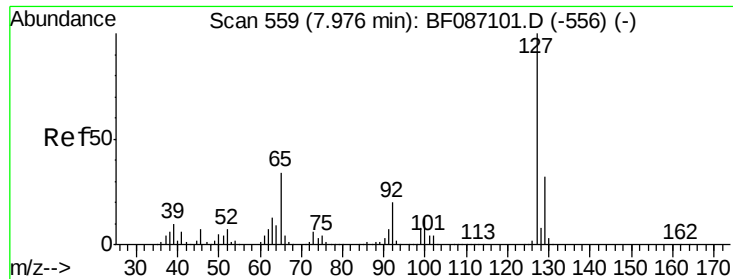


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

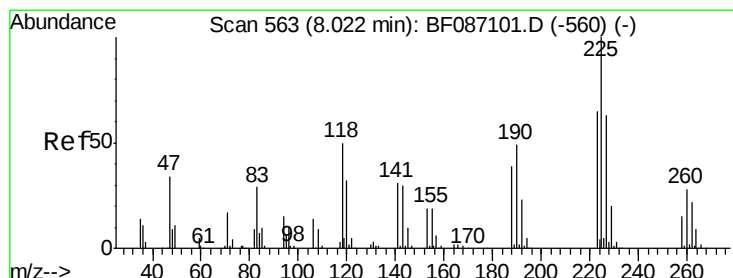
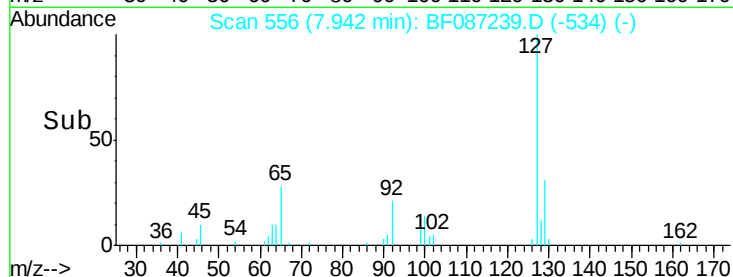
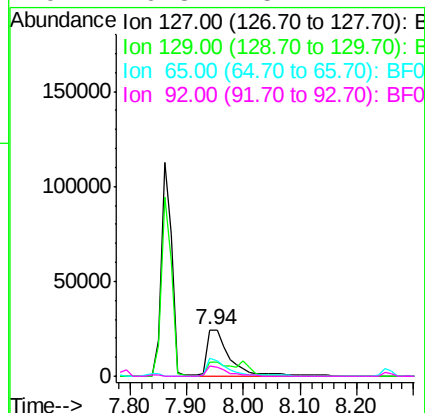
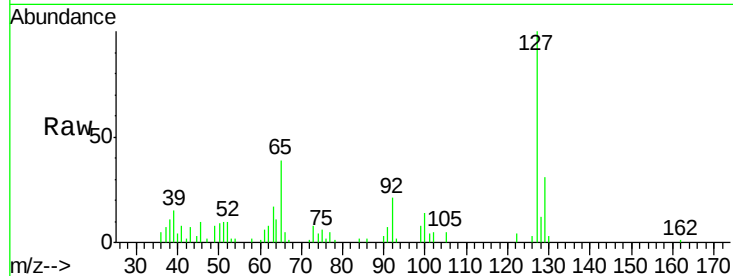




#33
4-Chloroaniline
Concen: 6.27 ng
RT: 7.94 min Scan# 556
Delta R.T. -0.05 min
Lab File: BF087239.D
Acq: 20 May 2016 22:23

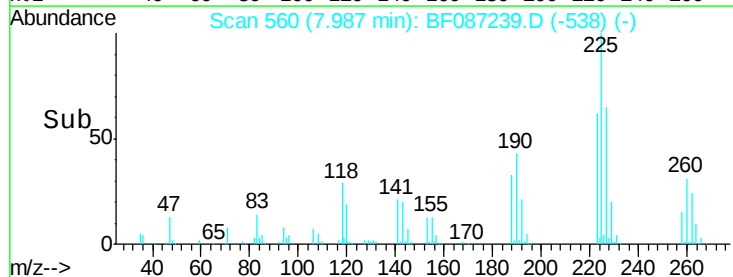
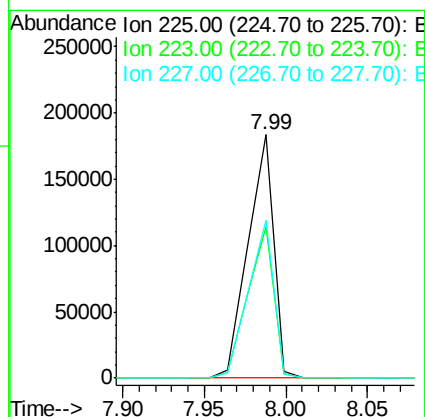
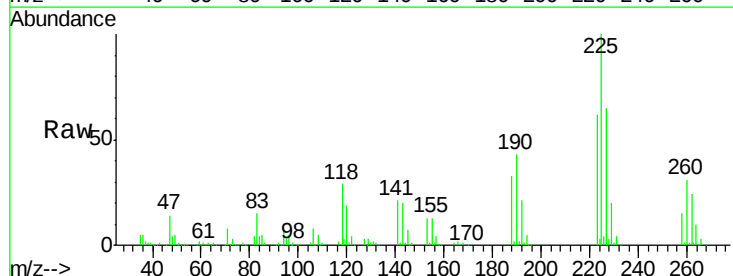
Instrument :
BNA_F
ClientSampleId :
PB90703BS

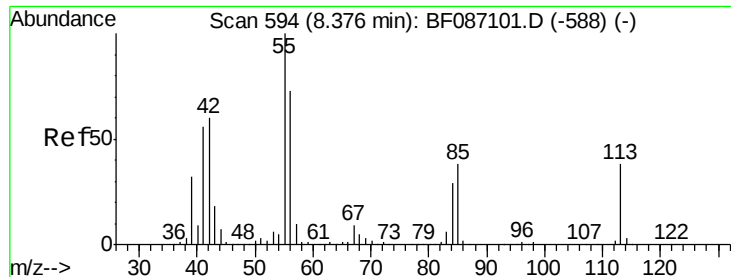
Tot Ion:	127	Resp:	66638
Ion	Ratio	Lower	Upper
127	100		
129	31.4	26.2	39.4
65	38.8	23.0	34.4
92	20.8	15.1	22.7



#34
Hexachlorobutadiene
Concen: 44.56 ng
RT: 7.99 min Scan# 560
Delta R.T. -0.05 min
Lab File: BF087239.D
Acq: 20 May 2016 22:23

Tgt Ion:	225	Resp:	200423
Ion	Ratio	Lower	Upper
225	100		
223	62.2	51.5	77.3
227	64.7	52.2	78.2





#35

Caprolactam

Concen: 43.57 ng/ml

RT: 8.32 min Scan# 589

Delta R.T. -0.07 min

Lab File: BF087239.D

Acq: 20 May 2016 22:23

Instrument :

BNA_F

ClientSampleId :

PB90703BS

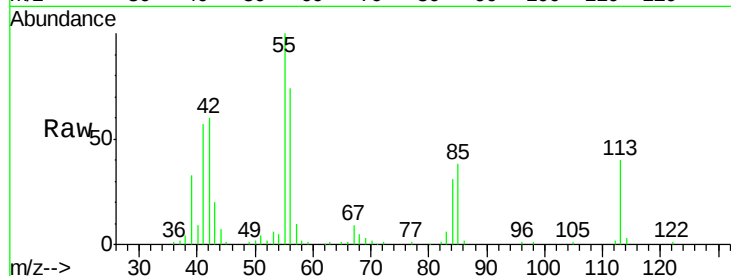
Tot Ion:113 Resp: 103626

Ion Ratio Lower Upper

113 100

55 249.4 162.0 202.0#

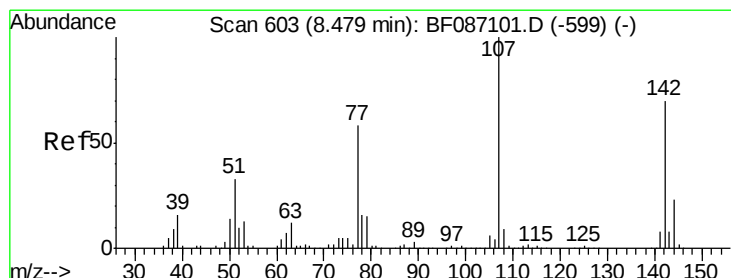
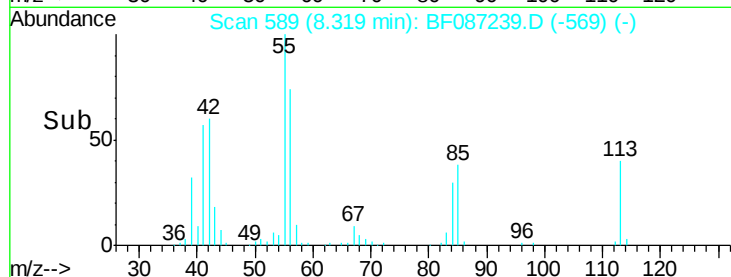
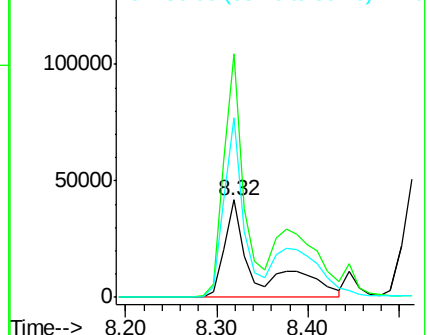
56 183.6 115.3 155.3#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 41.95 ng/ml

RT: 8.44 min Scan# 600

Delta R.T. -0.05 min

Lab File: BF087239.D

Acq: 20 May 2016 22:23

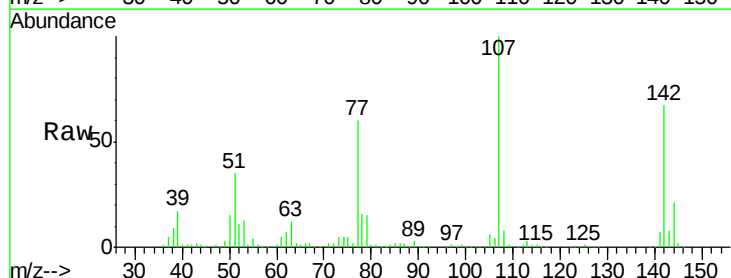
Tgt Ion:107 Resp: 361403

Ion Ratio Lower Upper

107 100

144 21.5 20.7 31.1

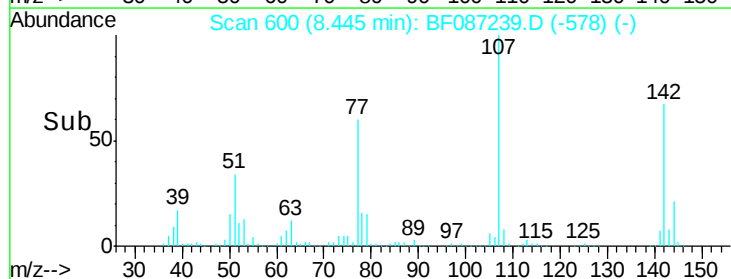
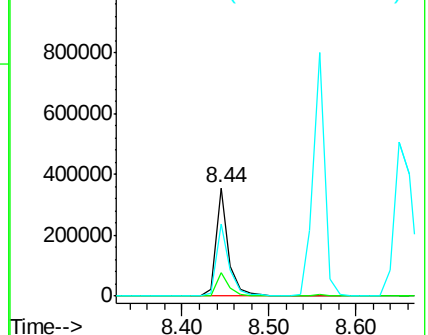
142 66.6 63.2 94.8

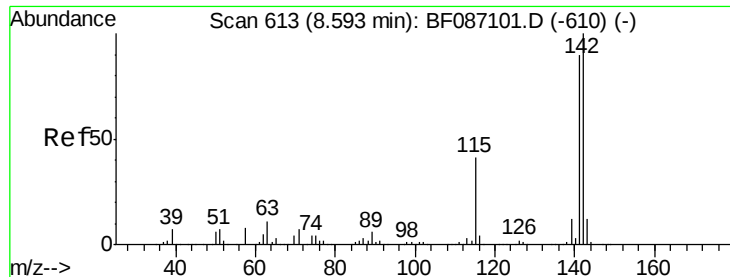


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

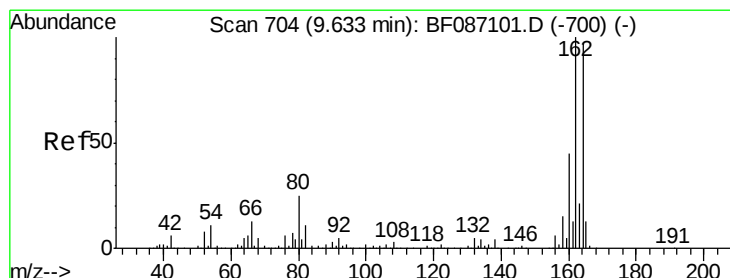
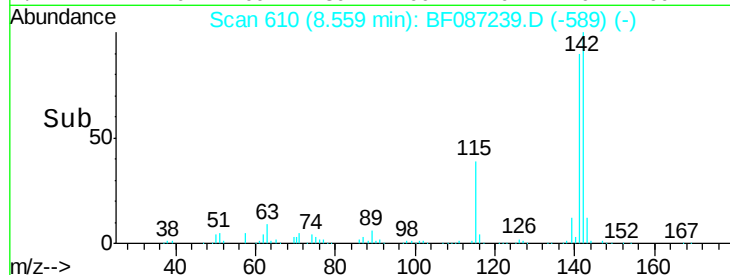
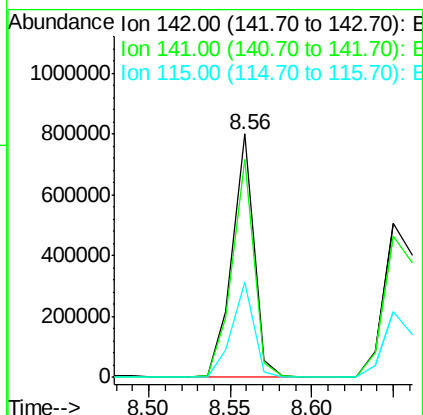
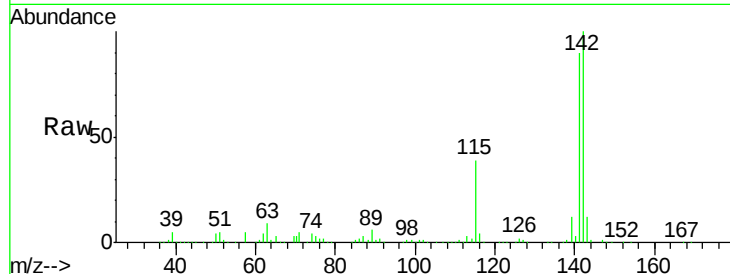




#37
2-Methylnaphthalene
Concen: 45.51 ng
RT: 8.56 min Scan# 610
Delta R.T. -0.06 min
Lab File: BF087239.D
Acq: 20 May 2016 22:23

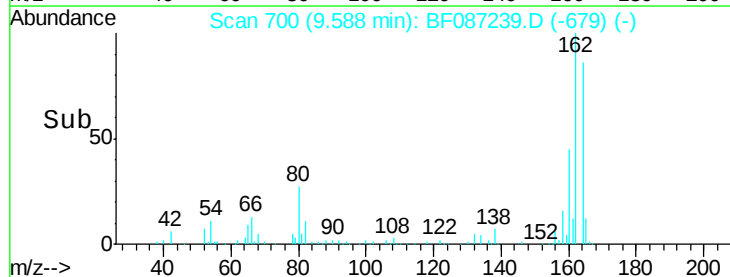
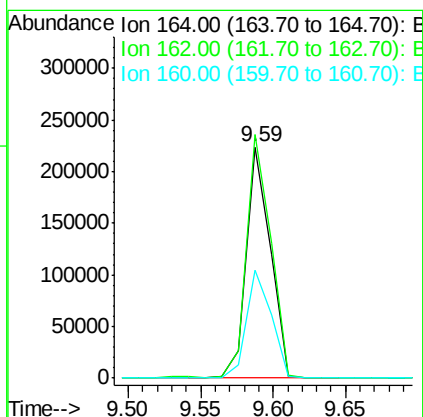
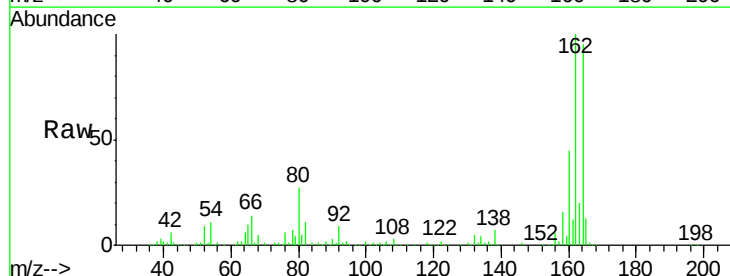
Instrument :
BNA_F
ClientSampleId :
PB90703BS

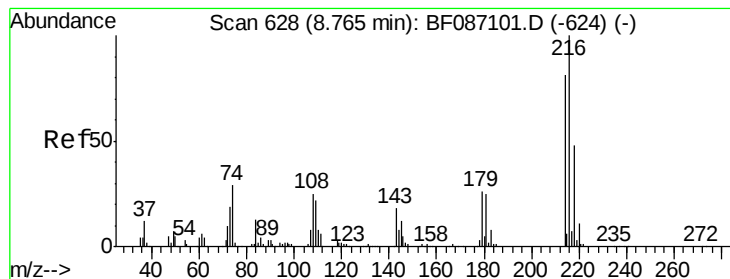
Tot Ion:142 Resp: 744274
Ion Ratio Lower Upper
142 100
141 89.8 71.0 106.6
115 38.9 26.6 39.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.06 min
Lab File: BF087239.D
Acq: 20 May 2016 22:23

Tgt Ion:164 Resp: 255377
Ion Ratio Lower Upper
164 100
162 105.3 82.8 124.2
160 46.9 36.9 55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.20 ng

RT: 8.73 min Scan# 625

Delta R.T. -0.05 min

Lab File: BF087239.D

Acq: 20 May 2016 22:23

Instrument :

BNA_F

ClientSampleId :

PB90703BS

Tot Ion:216 Resp: 322252

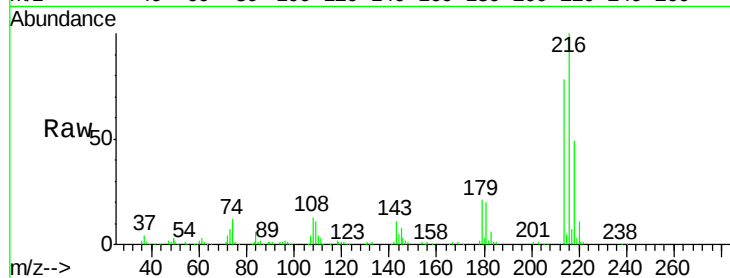
Ion Ratio Lower Upper

216 100

214 79.4 62.6 93.8

179 23.1 18.2 27.4

108 23.4 17.5 26.3

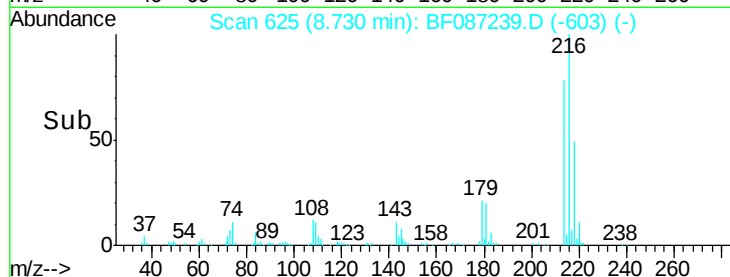


Abundance Ion 216.00 (215.70 to 216.70): E

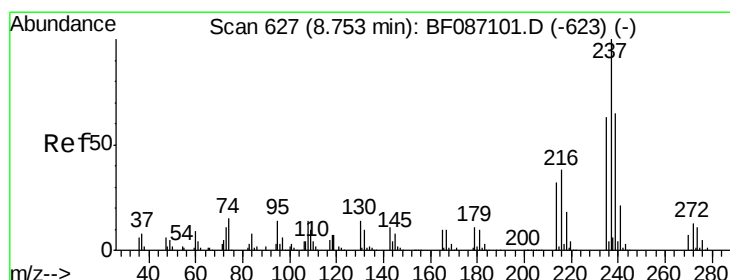
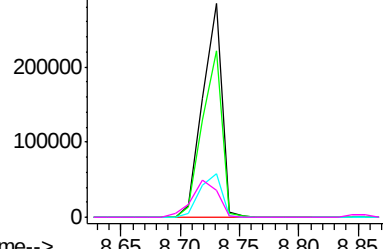
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 85.77 ng

RT: 8.71 min Scan# 623

Delta R.T. -0.06 min

Lab File: BF087239.D

Acq: 20 May 2016 22:23

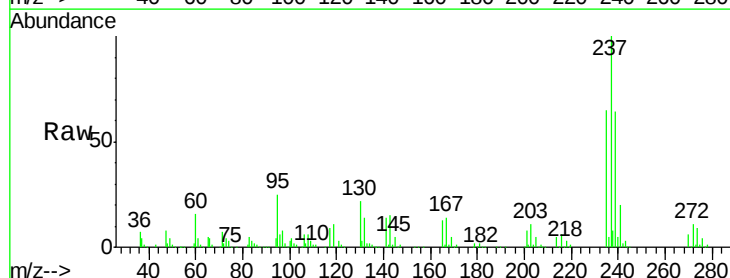
Tgt Ion:237 Resp: 248843

Ion Ratio Lower Upper

237 100

235 64.8 47.2 87.2

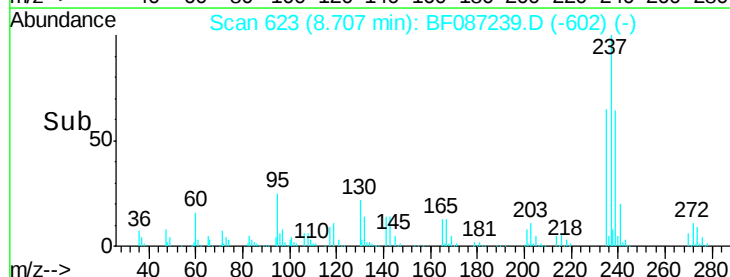
272 11.0 0.0 31.1



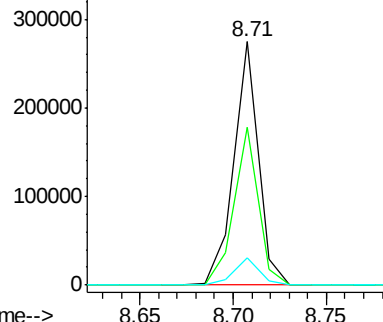
Abundance Ion 236.80 (236.50 to 237.50): E

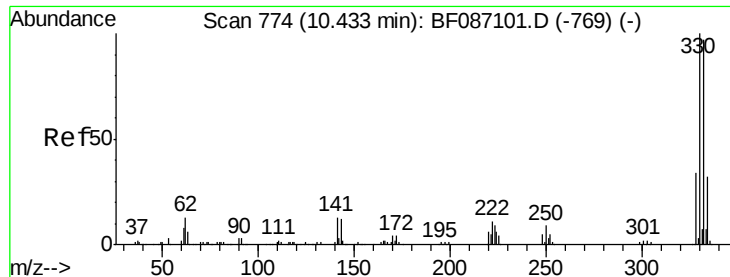
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

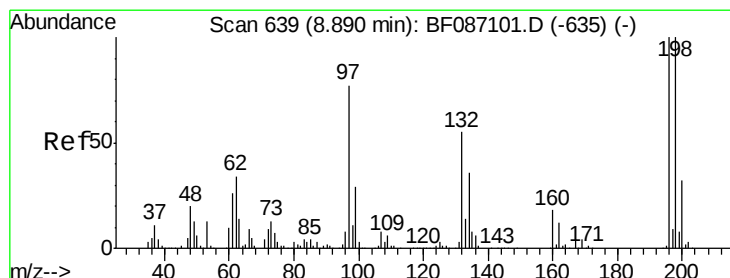
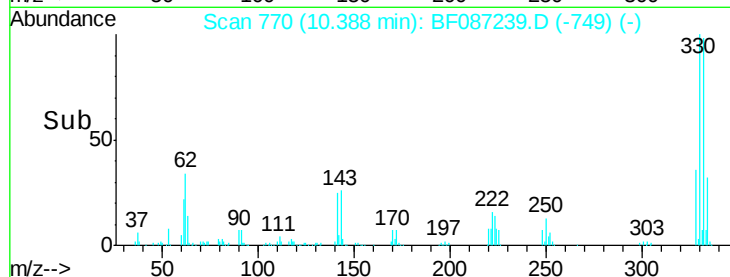
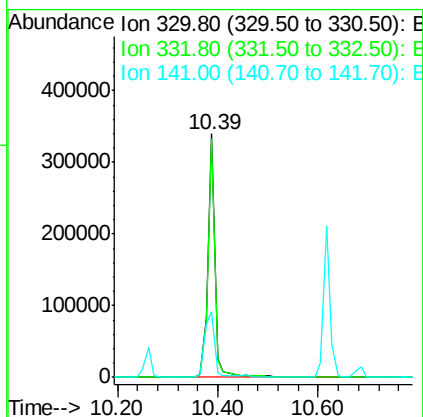
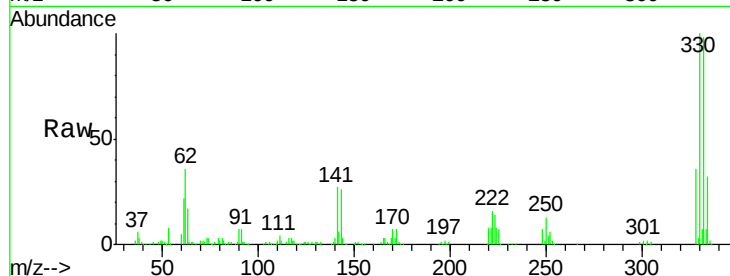




#41
 2,4,6-Tribromophenol
 Concen: 119.80 ng
 RT: 10.39 min Scan# 770
 Delta R.T. -0.06 min
 Lab File: BF087239.D
 Acq: 20 May 2016 22:23

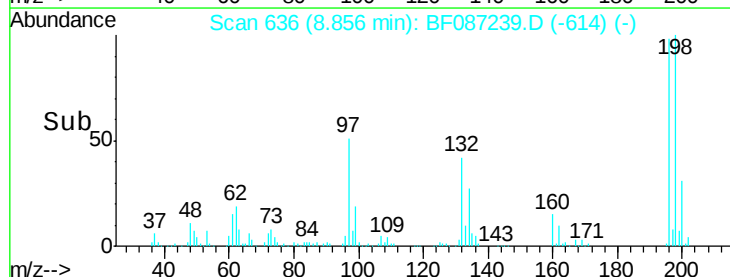
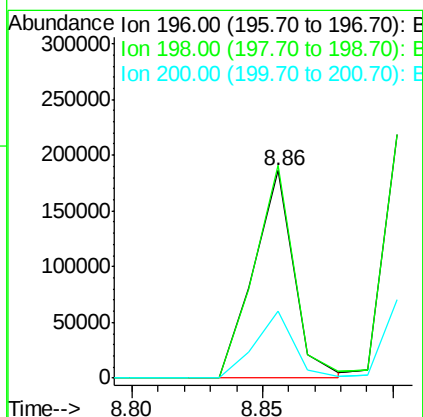
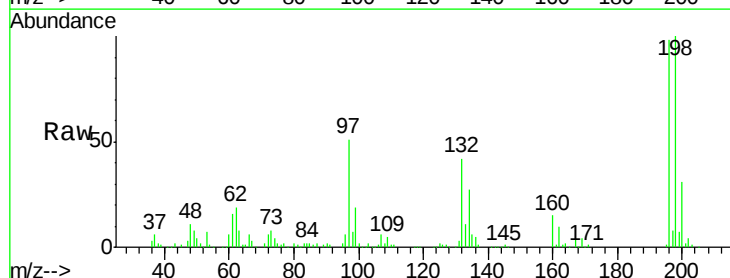
Instrument :
 BNA_F
 ClientSampleId :
 PB90703BS

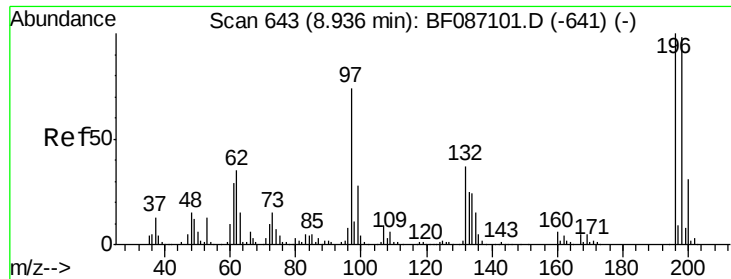
Tot Ion:330 Resp: 338081
 Ion Ratio Lower Upper
 330 100
 332 97.1 79.0 118.4
 141 37.4 31.2 46.8



#42
 2,4,6-Trichlorophenol
 Concen: 41.56 ng
 RT: 8.86 min Scan# 636
 Delta R.T. -0.05 min
 Lab File: BF087239.D
 Acq: 20 May 2016 22:23

Tgt Ion:196 Resp: 201050
 Ion Ratio Lower Upper
 196 100
 198 102.5 74.7 112.1
 200 32.1 23.8 35.6

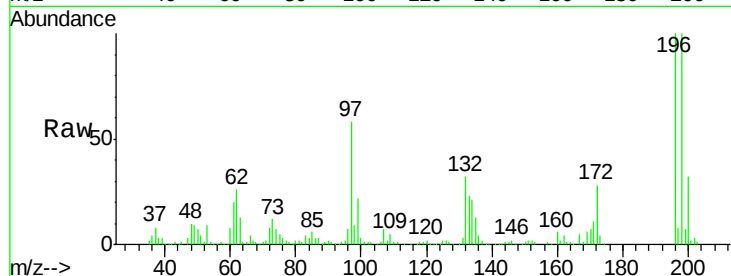




#43
 2,4,5-Trichlorophenol
 Concen: 43.52 ng
 RT: 8.90 min Scan# 640
 Delta R.T. -0.05 min
 Lab File: BF087239.D
 Acq: 20 May 2016 22:23

Instrument :
 BNA_F
 ClientSampleId :
 PB90703BS

Tot Ion	Ion	Ratio	Lower	Upper
196	100			
198	99.9	77.5	116.3	
97	58.2	34.8	52.2	
132	31.7	23.0	34.4	



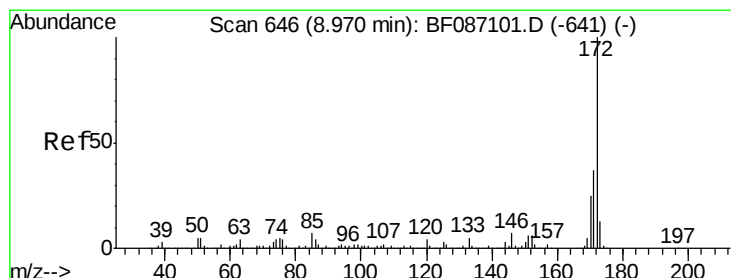
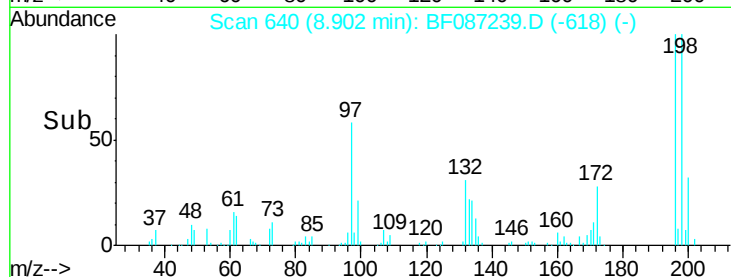
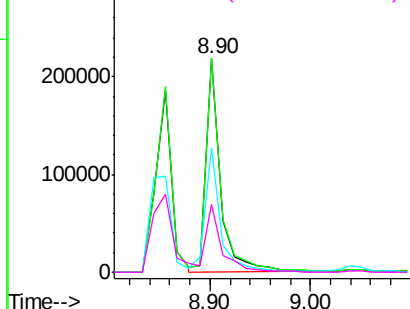
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

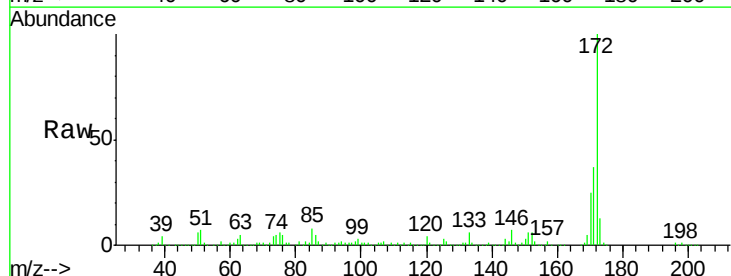
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 85.50 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.06 min
 Lab File: BF087239.D
 Acq: 20 May 2016 22:23

Tgt Ion	Ion	Ratio	Lower	Upper
172	100			
171	36.9	29.0	43.6	
170	24.7	19.8	29.8	

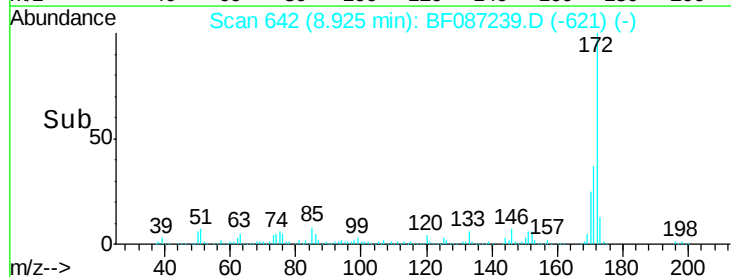
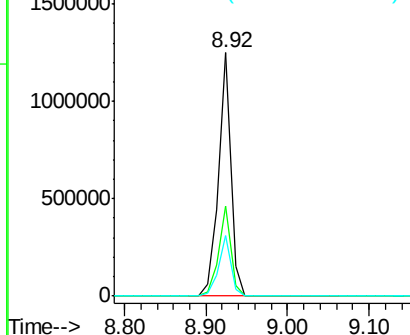


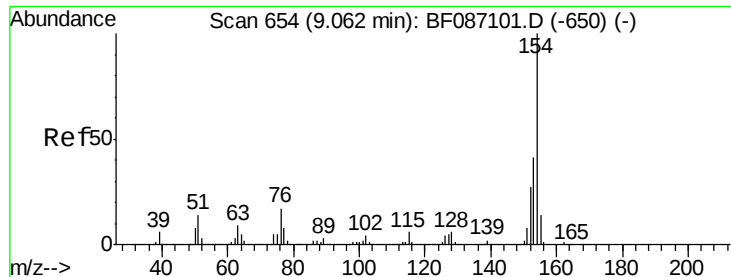
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 45.83 ng

RT: 9.03 min Scan# 651

Delta R.T. -0.05 min

Lab File: BF087239.D

Acq: 20 May 2016 22:23

Instrument :

BNA_F

ClientSampleId :

PB90703BS

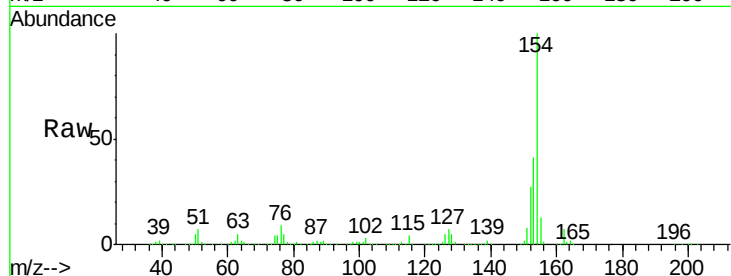
Tot Ion:154 Resp: 970354

Ion Ratio Lower Upper

154 100

153 40.6 20.3 60.3

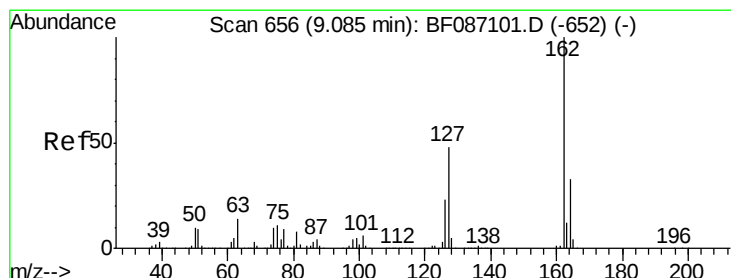
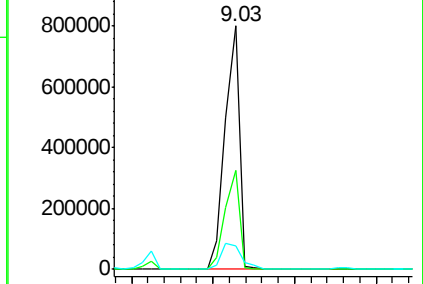
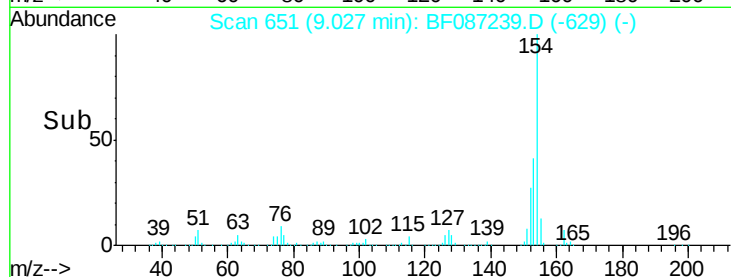
76 9.4 0.0 30.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 43.49 ng

RT: 9.05 min Scan# 653

Delta R.T. -0.05 min

Lab File: BF087239.D

Acq: 20 May 2016 22:23

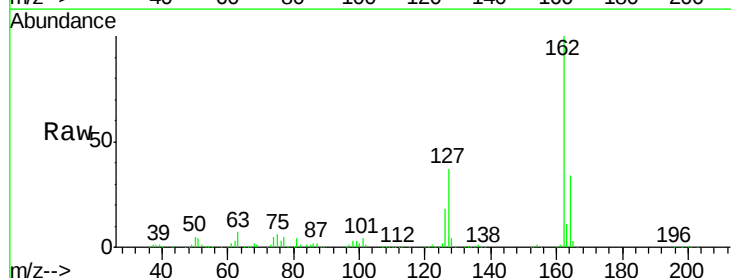
Tgt Ion:162 Resp: 707012

Ion Ratio Lower Upper

162 100

127 37.4 31.8 47.6

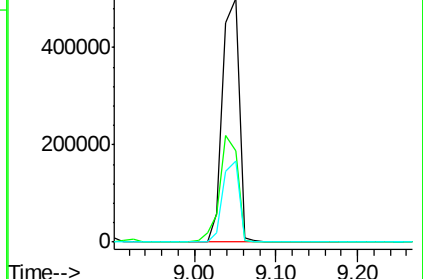
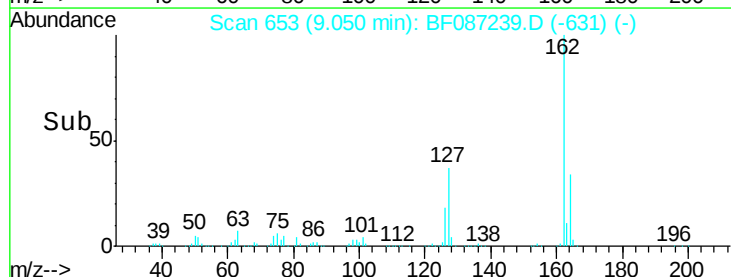
164 33.5 27.0 40.6

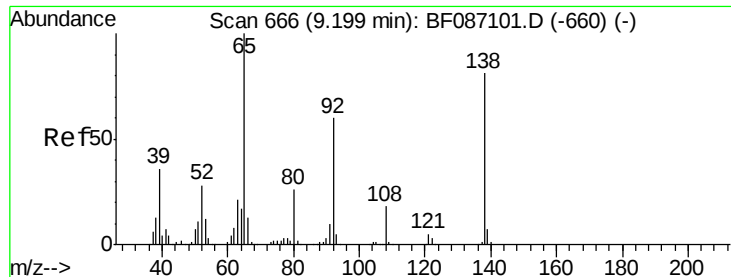


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 42.15 ng

RT: 9.16 min Scan# 663

Delta R.T. -0.05 min

Lab File: BF087239.D

Acq: 20 May 2016 22:23

Instrument :

BNA_F

ClientSampleId :

PB90703BS

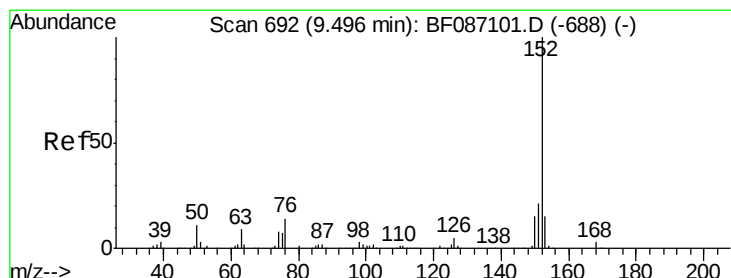
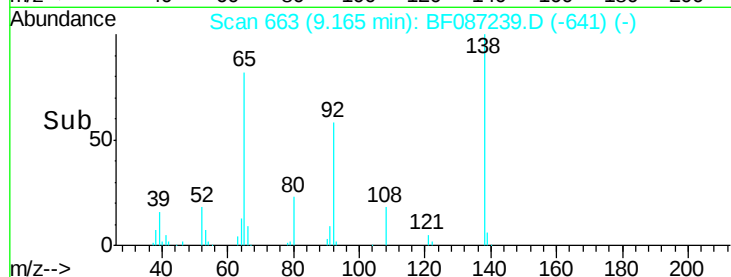
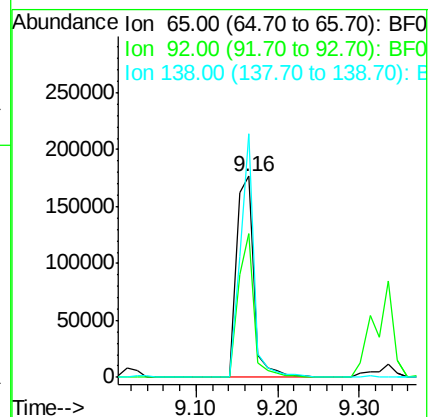
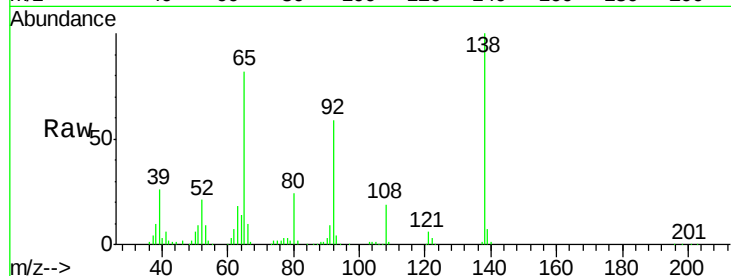
Tot Ion: 65 Resp: 262586

Ion Ratio Lower Upper

65 100

92 71.6 57.4 86.2

138 121.2 90.1 135.1



#48

Acenaphthylene

Concen: 41.20 ng

RT: 9.45 min Scan# 688

Delta R.T. -0.06 min

Lab File: BF087239.D

Acq: 20 May 2016 22:23

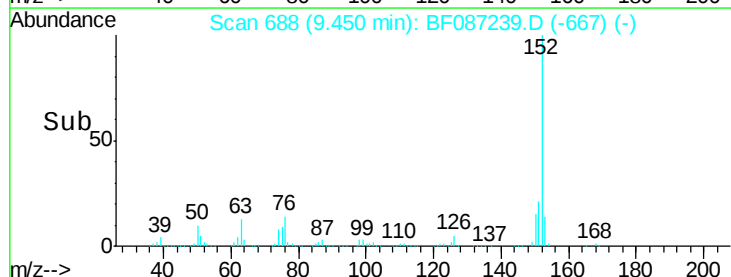
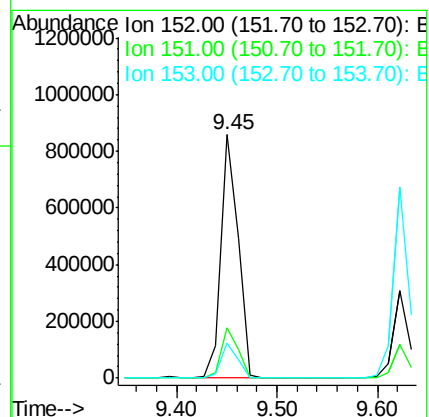
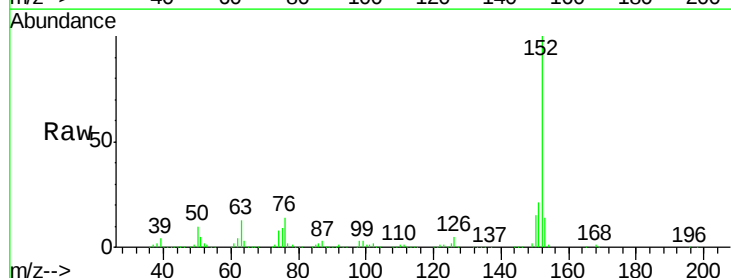
Tgt Ion: 152 Resp: 1022642

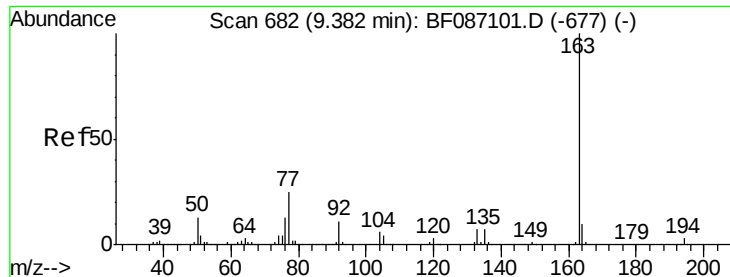
Ion Ratio Lower Upper

152 100

151 20.6 16.8 25.2

153 14.3 10.9 16.3





#49

Dimethylphthalate

Concen: 43.40 ng

RT: 9.34 min Scan# 678

Delta R.T. -0.06 min

Lab File: BF087239.D

Acq: 20 May 2016 22:23

Instrument :

BNA_F

ClientSampleId :

PB90703BS

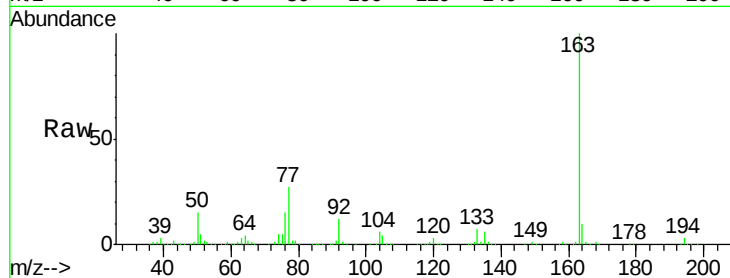
Tot Ion:163 Resp: 845519

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

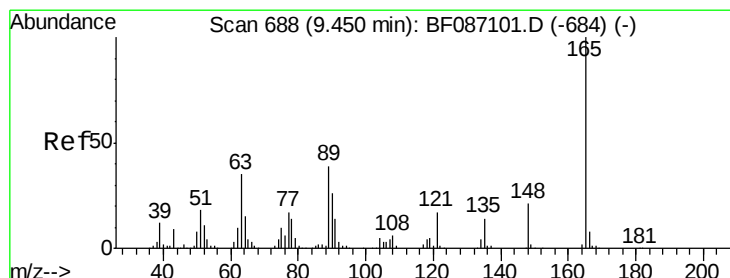
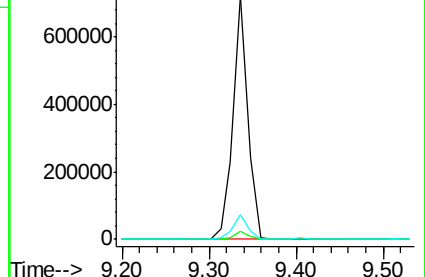
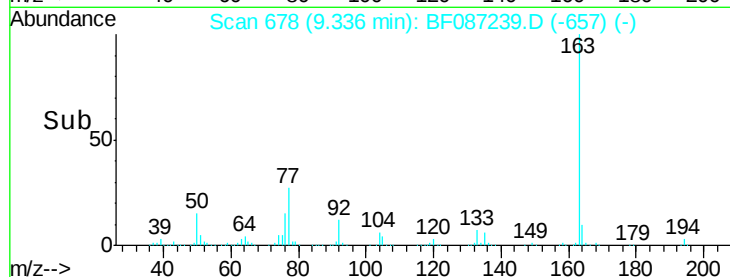
164 10.3 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 46.83 ng

RT: 9.40 min Scan# 684

Delta R.T. -0.06 min

Lab File: BF087239.D

Acq: 20 May 2016 22:23

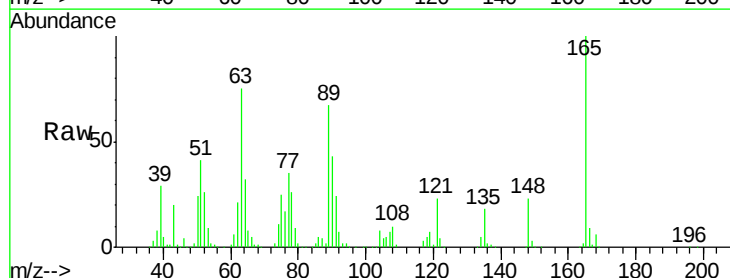
Tgt Ion:165 Resp: 198082

Ion Ratio Lower Upper

165 100

63 74.5 51.8 77.8

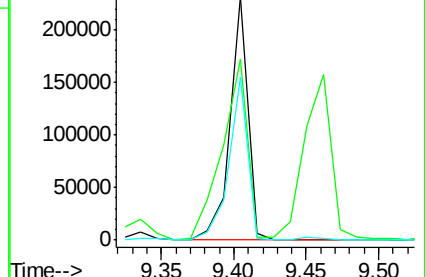
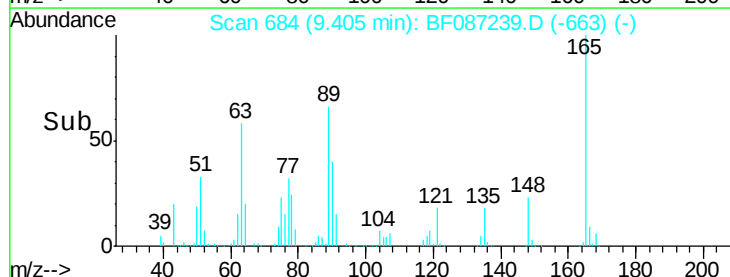
89 66.7 50.7 76.1

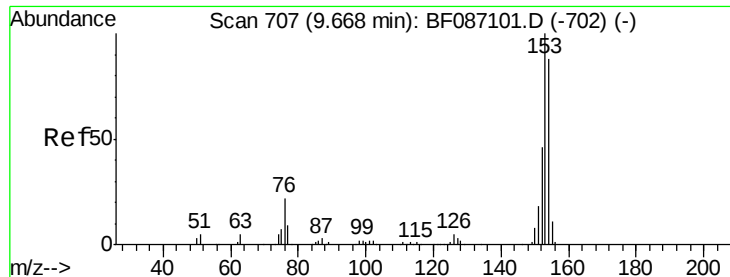


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.94 ng

RT: 9.62 min Scan# 703

Delta R.T. -0.06 min

Lab File: BF087239.D

Acq: 20 May 2016 22:23

Instrument :

BNA_F

ClientSampleId :

PB90703BS

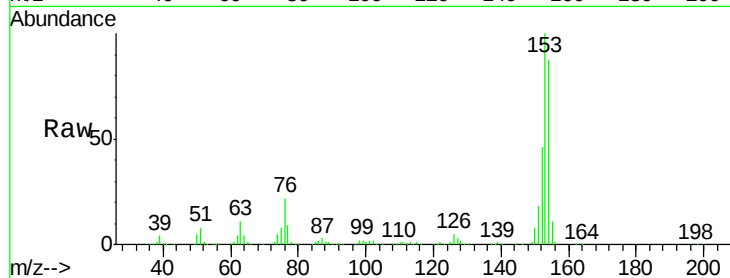
Tot Ion:154 Resp: 619412

Ion Ratio Lower Upper

154 100

153 114.3 89.8 134.6

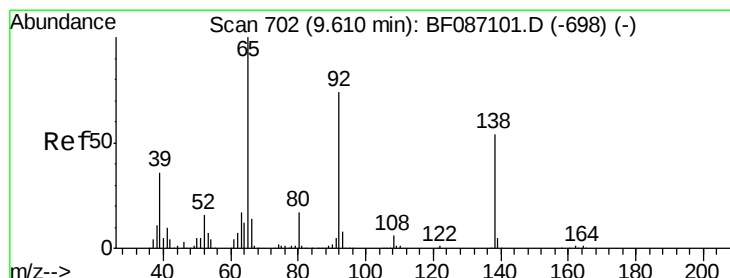
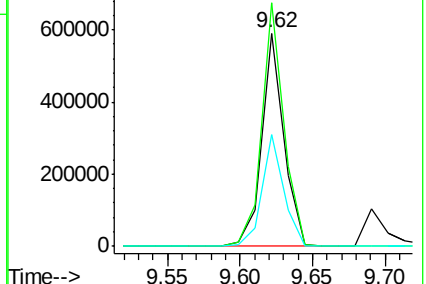
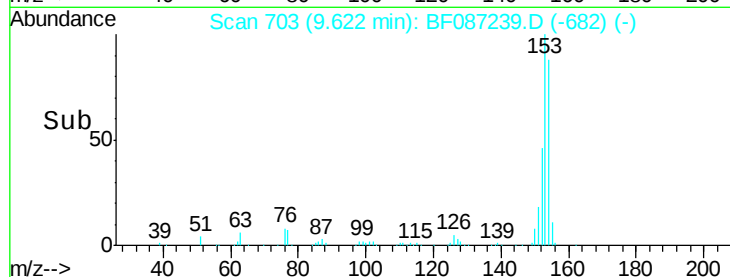
152 52.5 43.4 65.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 9.96 ng

RT: 9.58 min Scan# 699

Delta R.T. -0.06 min

Lab File: BF087239.D

Acq: 20 May 2016 22:23

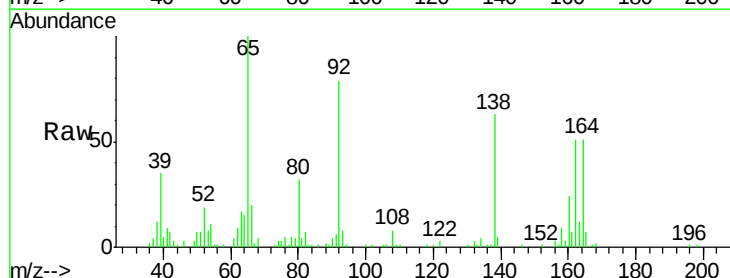
Tgt Ion:138 Resp: 45600

Ion Ratio Lower Upper

138 100

108 12.1 7.8 11.6#

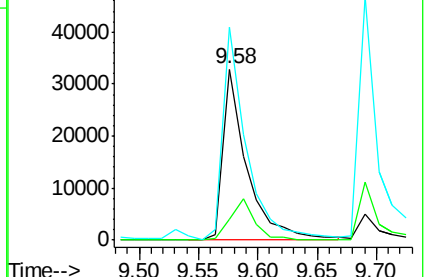
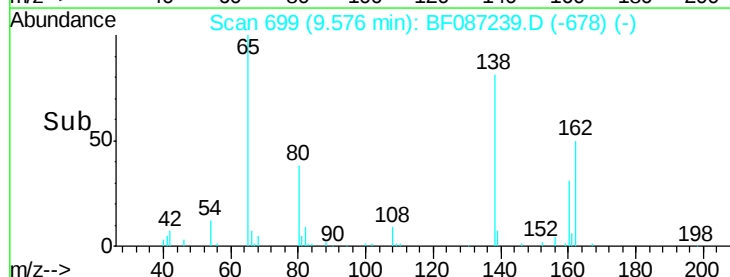
92 124.8 87.8 131.8

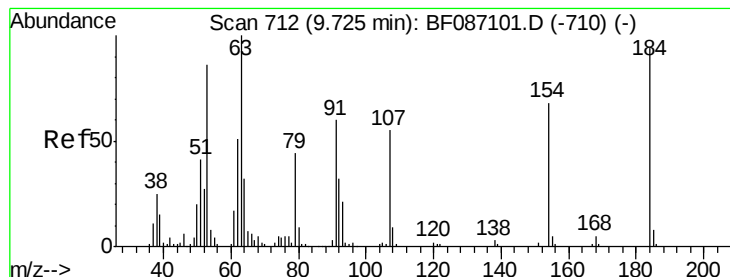


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 73.97 ng

RT: 9.69 min Scan# 709

Delta R.T. -0.05 min

Lab File: BF087239.D

Acq: 20 May 2016 22:23

Instrument :

BNA_F

ClientSampleId :

PB90703BS

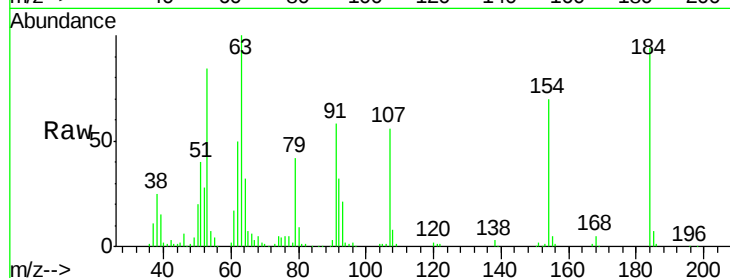
Tot Ion:184 Resp: 178362

Ion Ratio Lower Upper

184 100

63 106.3 55.8 83.8#

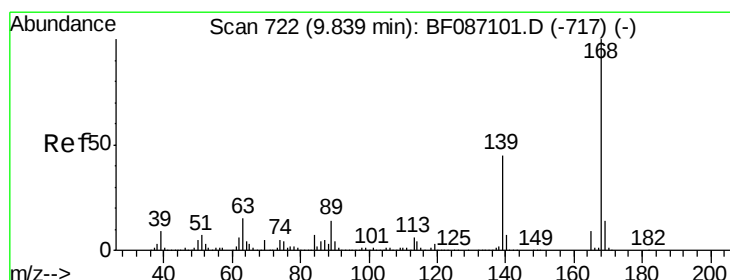
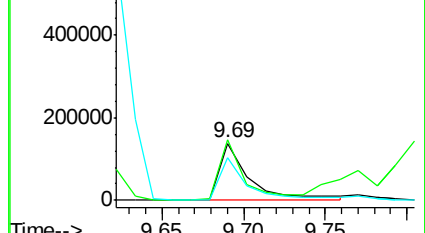
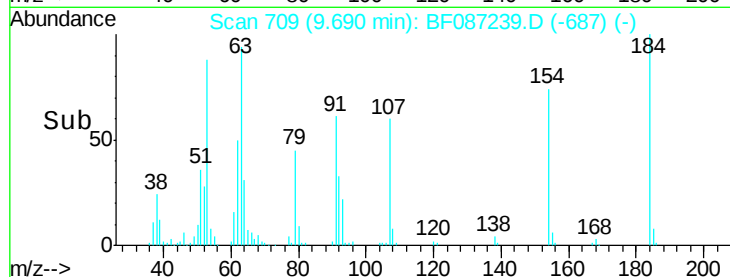
154 74.2 62.4 93.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 47.32 ng

RT: 9.79 min Scan# 718

Delta R.T. -0.06 min

Lab File: BF087239.D

Acq: 20 May 2016 22:23

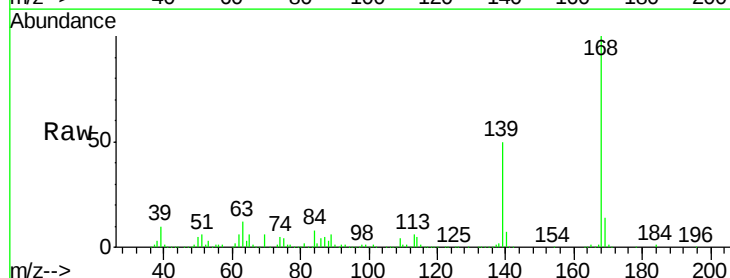
Tgt Ion:168 Resp: 948906

Ion Ratio Lower Upper

168 100

139 50.1 31.4 47.0#

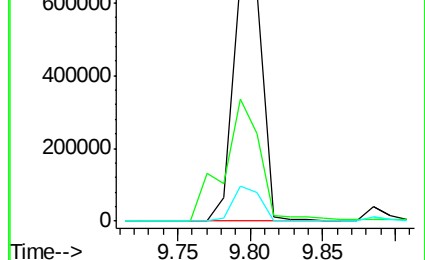
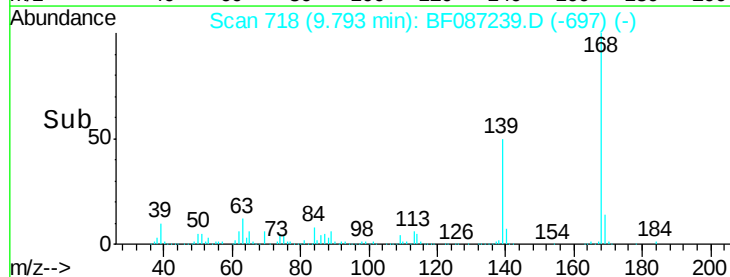
169 14.2 10.7 16.1

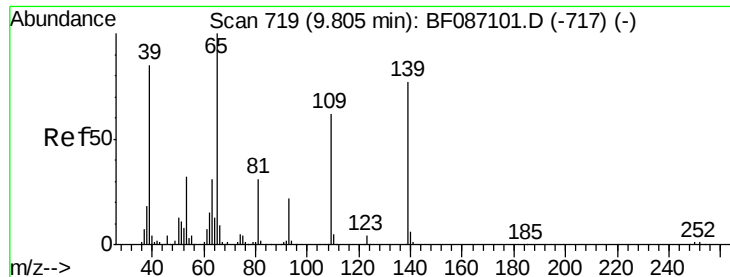


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 58.62 ng/mL

RT: 9.77 min Scan# 716

Delta R.T. -0.05 min

Lab File: BF087239.D

Acq: 20 May 2016 22:23

Instrument :

BNA_F

ClientSampleID :

PB90703BS

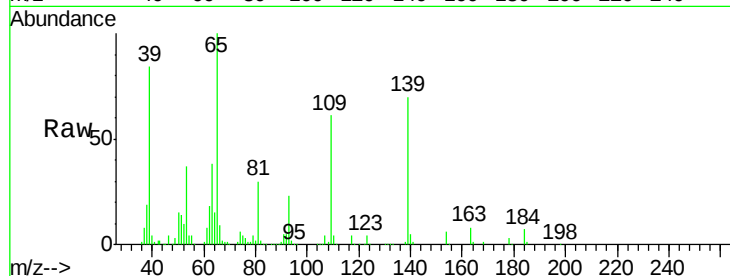
Tot Ion:139 Resp: 161457

Ion Ratio Lower Upper

139 100

109 86.4 36.9 76.9#

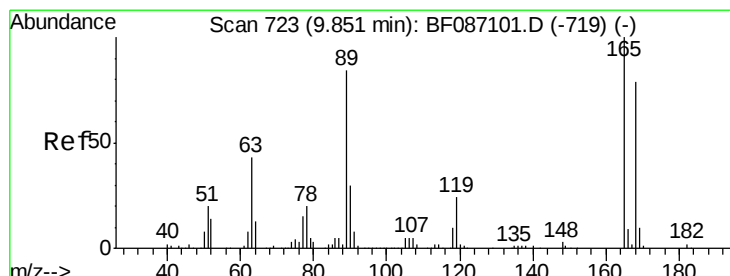
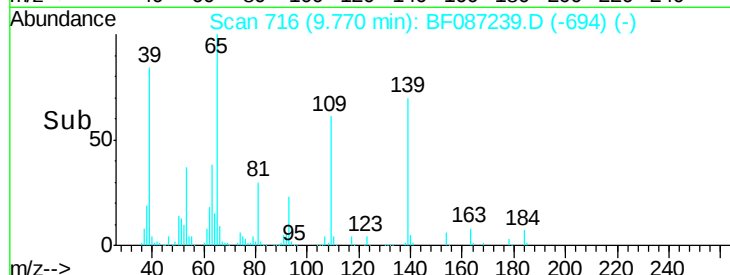
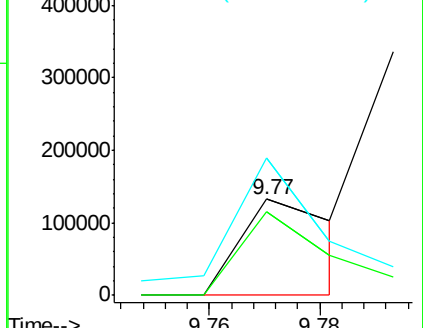
65 142.7 64.0 104.0#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 46.44 ng/mL

RT: 9.82 min Scan# 720

Delta R.T. -0.05 min

Lab File: BF087239.D

Acq: 20 May 2016 22:23

Tgt Ion:165 Resp: 251572

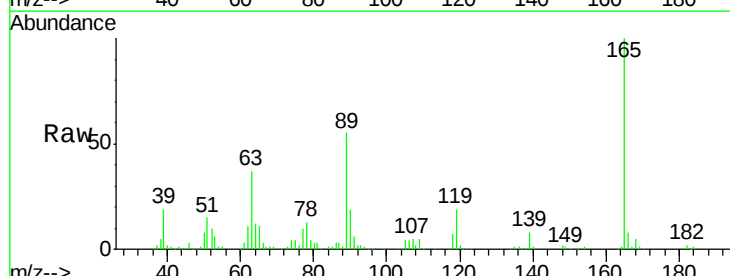
Ion Ratio Lower Upper

165 100

63 36.8 44.3 66.5#

89 55.1 70.0 105.0#

182 2.5 1.8 2.6

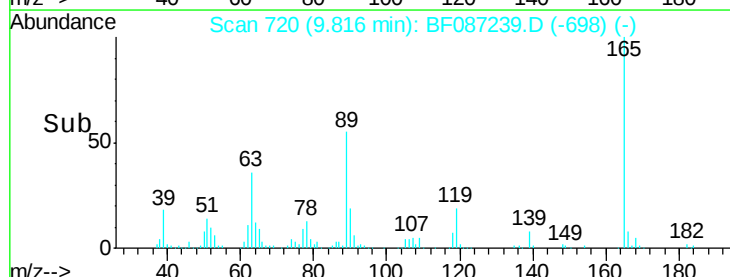
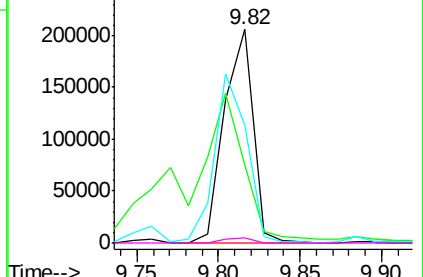


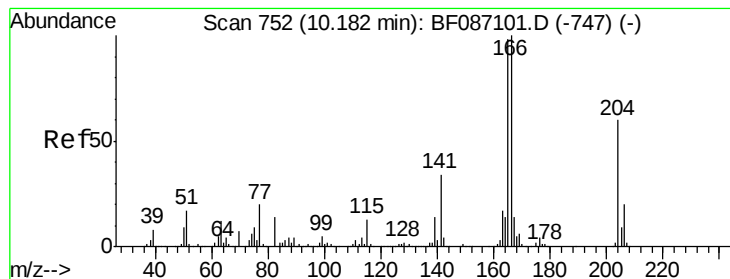
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 43.39 ng

RT: 10.14 min Scan# 748

Delta R.T. -0.06 min

Lab File: BF087239.D

Acq: 20 May 2016 22:23

Instrument :

BNA_F

ClientSampleId :

PB90703BS

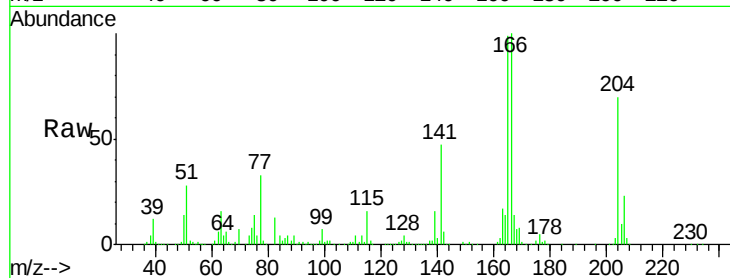
Tot Ion:166 Resp: 699148

Ion Ratio Lower Upper

166 100

165 99.1 79.0 118.6

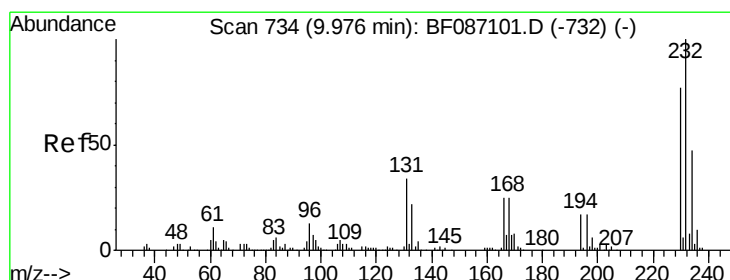
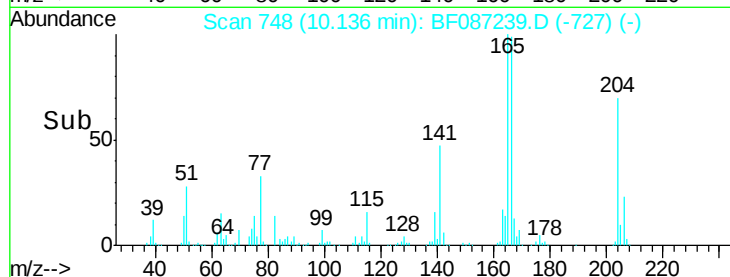
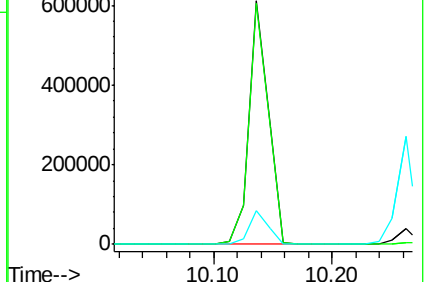
167 14.1 10.6 15.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 52.17 ng

RT: 9.93 min Scan# 730

Delta R.T. -0.06 min

Lab File: BF087239.D

Acq: 20 May 2016 22:23

Tgt Ion:232 Resp: 204180

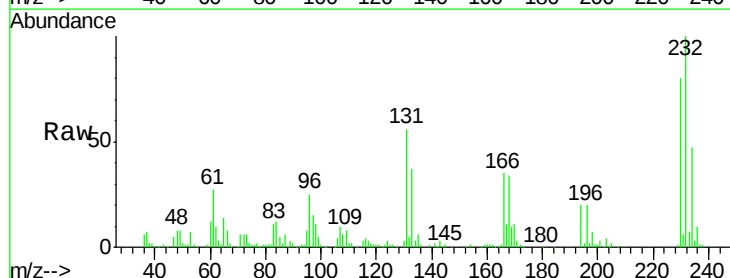
Ion Ratio Lower Upper

232 100

131 50.8 41.9 62.9

130 2.8 2.2 3.4

166 29.6 26.8 40.2

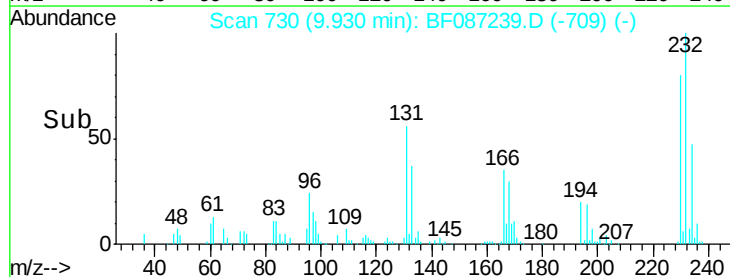
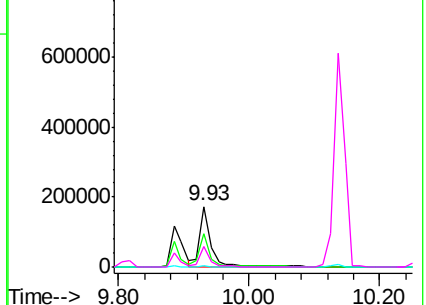


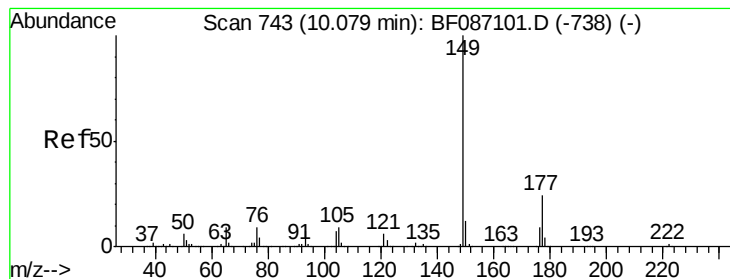
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 44.25 ng

RT: 10.03 min Scan# 739

Delta R.T. -0.06 min

Lab File: BF087239.D

Acq: 20 May 2016 22:23

Instrument :

BNA_F

ClientSampleId :

PB90703BS

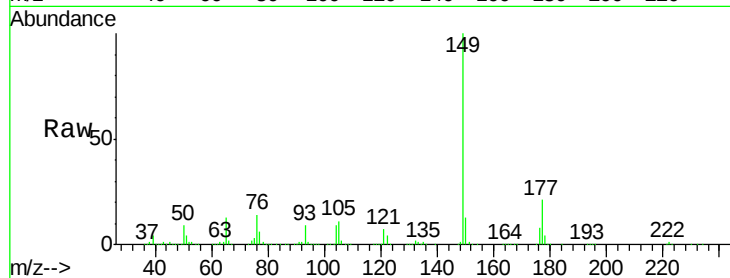
Tot Ion:149 Resp: 822885

Ion Ratio Lower Upper

149 100

177 21.5 16.6 24.8

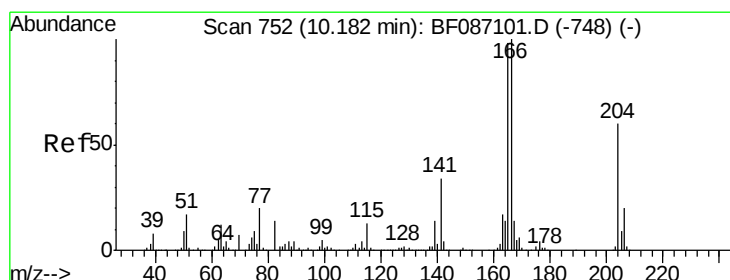
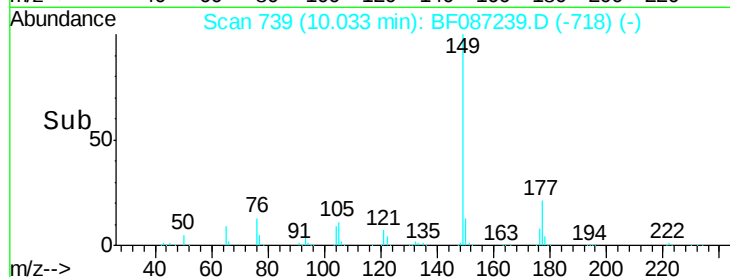
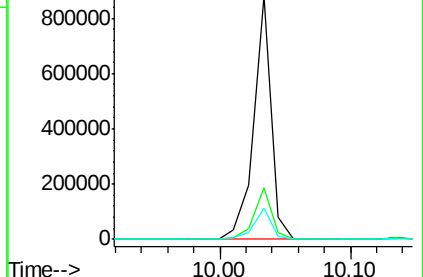
150 12.9 10.0 15.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 48.20 ng

RT: 10.14 min Scan# 748

Delta R.T. -0.06 min

Lab File: BF087239.D

Acq: 20 May 2016 22:23

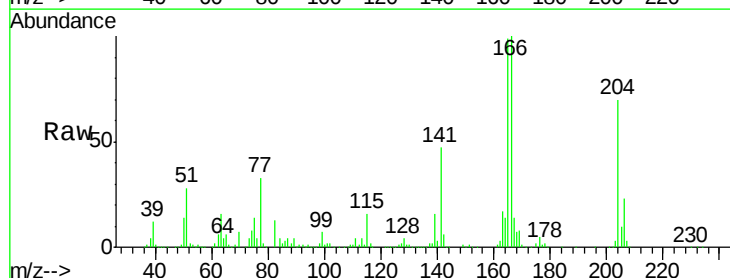
Tgt Ion:204 Resp: 368134

Ion Ratio Lower Upper

204 100

206 33.0 25.4 38.0

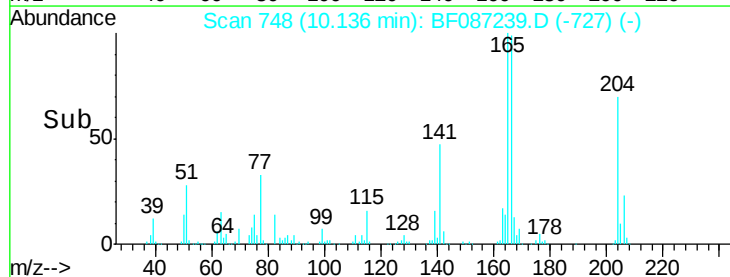
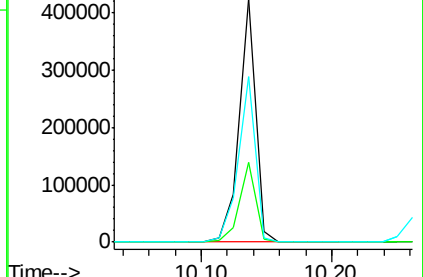
141 67.8 61.6 92.4

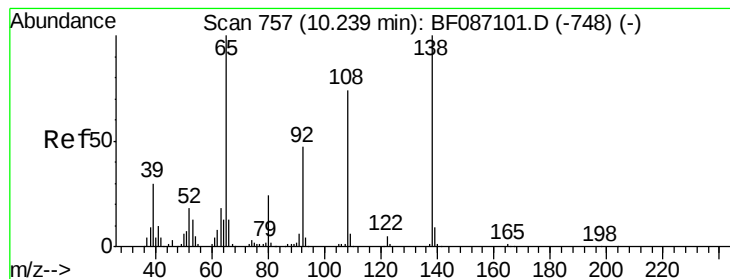


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 38.44 ng

RT: 10.19 min Scan# 753

Delta R.T. -0.06 min

Lab File: BF087239.D

Acq: 20 May 2016 22:23

Instrument :

BNA_F

ClientSampleId :

PB90703BS

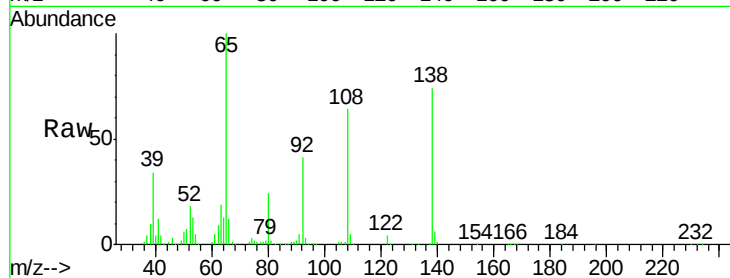
Tot Ion:138 Resp: 173811

Ion Ratio Lower Upper

138 100

92 55.9 24.7 64.7

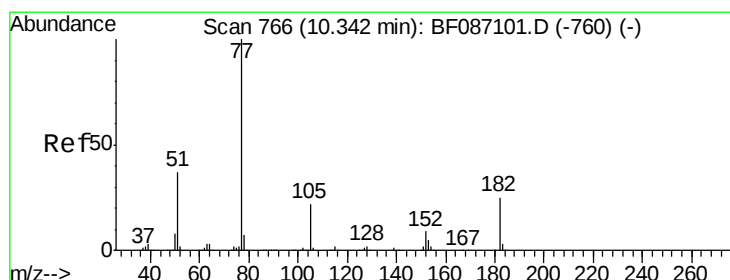
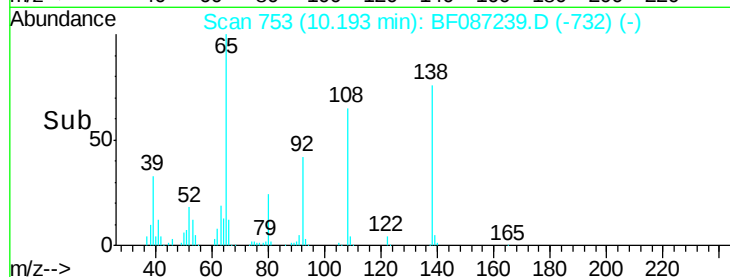
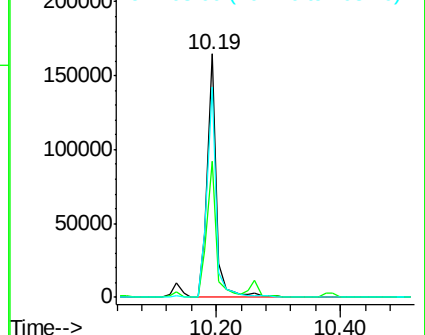
108 86.4 37.4 77.4#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 49.68 ng

RT: 10.30 min Scan# 762

Delta R.T. -0.06 min

Lab File: BF087239.D

Acq: 20 May 2016 22:23

Tgt Ion: 77 Resp: 1064615

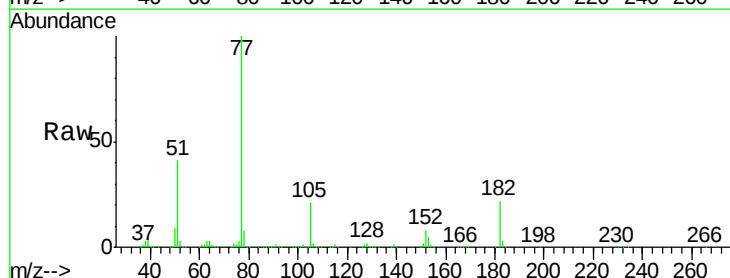
Ion Ratio Lower Upper

77 100

182 21.6 0.0 38.8

105 21.1 3.2 43.2

51 40.6 8.8 48.8

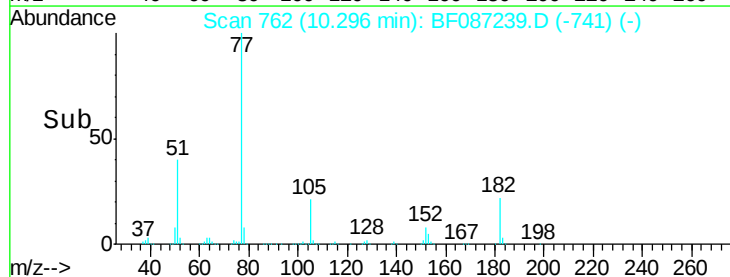
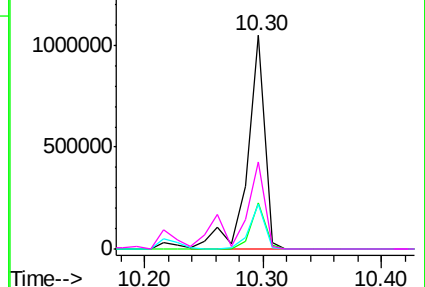


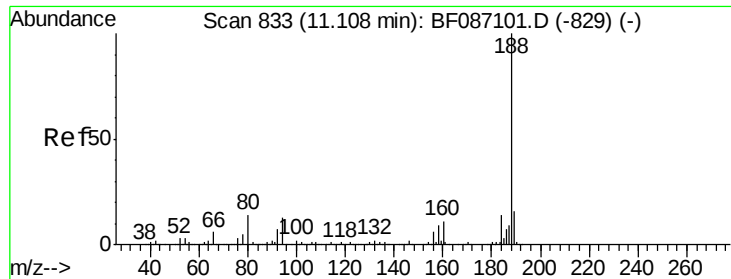
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

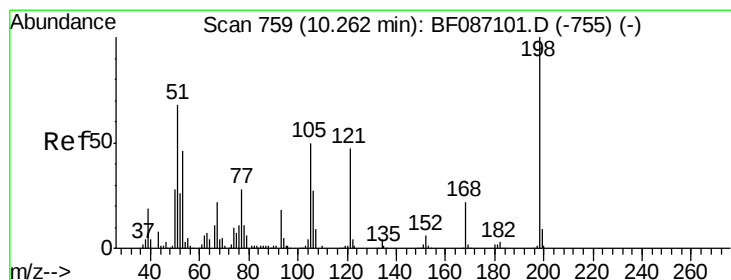
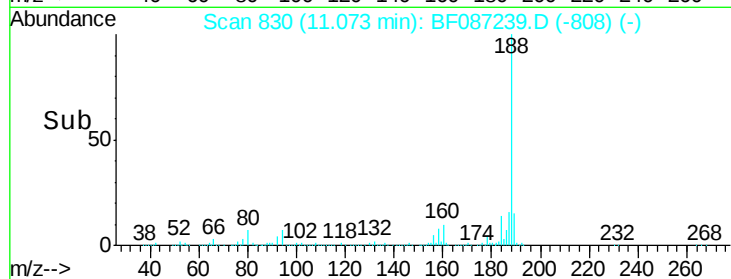
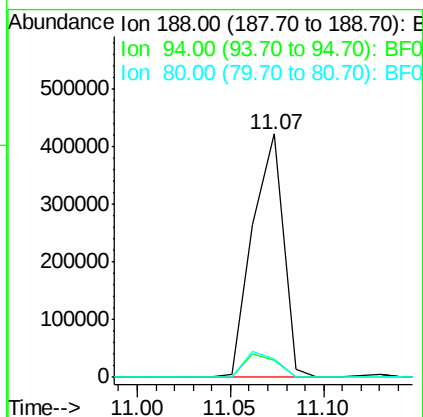
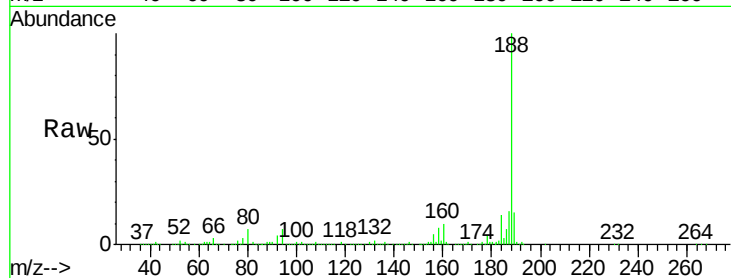




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.07 min Scan# 830
Delta R.T. -0.05 min
Lab File: BF087239.D
Acq: 20 May 2016 22:23

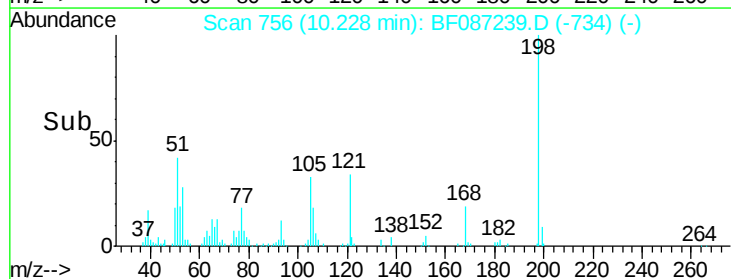
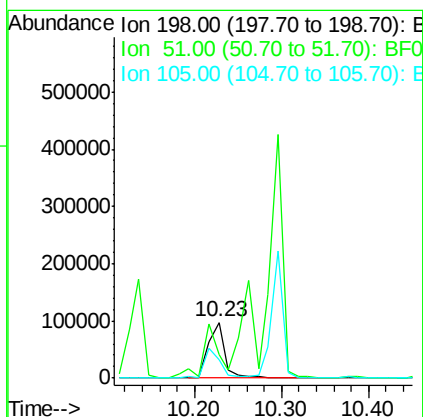
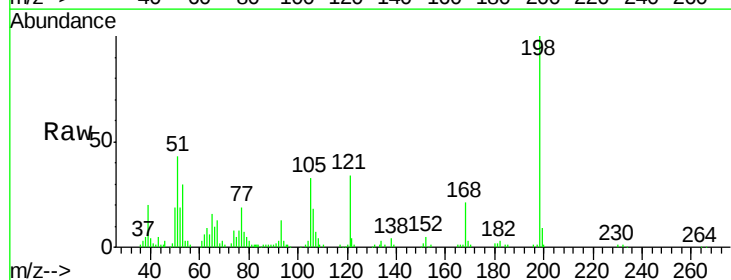
Instrument :
BNA_F
ClientSampleId :
PB90703BS

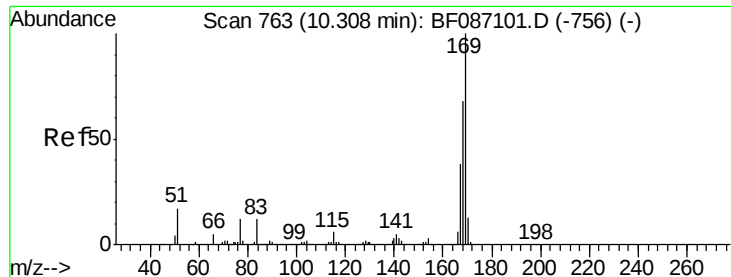
Tot Ion:188 Resp: 488317
Ion Ratio Lower Upper
188 100
94 7.1 6.8 10.2
80 7.4 7.1 10.7



#64
4,6-Dinitro-2-methylphenol
Concen: 40.94 ng
RT: 10.23 min Scan# 756
Delta R.T. -0.05 min
Lab File: BF087239.D
Acq: 20 May 2016 22:23

Tgt Ion:198 Resp: 131657
Ion Ratio Lower Upper
198 100
51 43.2 20.5 60.5
105 33.2 24.5 64.5

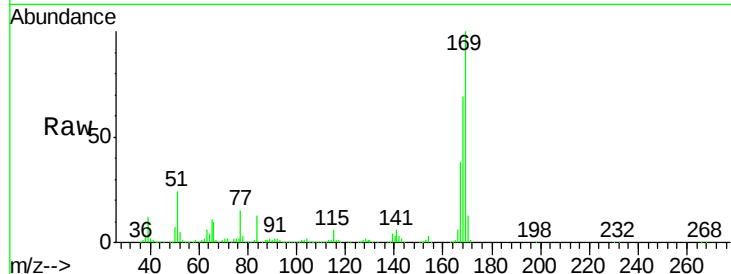




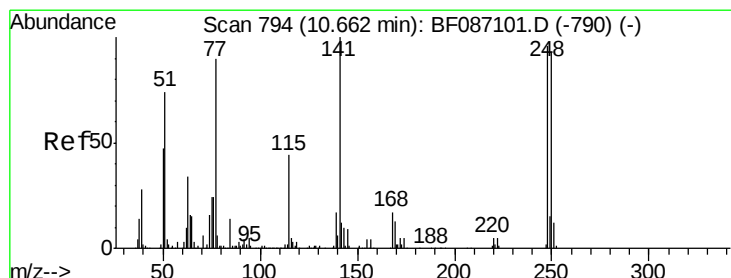
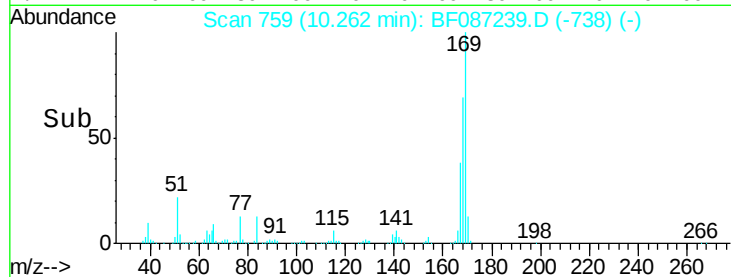
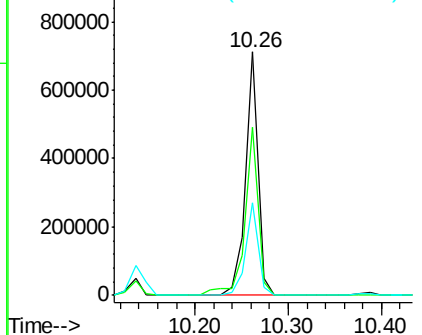
#65
n-Nitrosodiphenylamine
Concen: 43.12 ng
RT: 10.26 min Scan# 759
Delta R.T. -0.06 min
Lab File: BF087239.D
Acq: 20 May 2016 22:23

Instrument :
BNA_F
ClientSampleId :
PB90703BS

Tot Ion:169 Resp: 662661
Ion Ratio Lower Upper
169 100
168 68.9 53.8 80.6
167 38.1 29.5 44.3

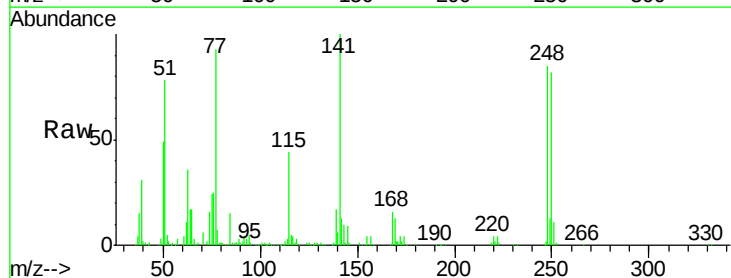


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

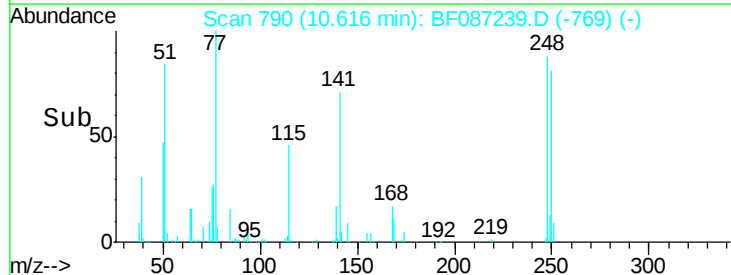
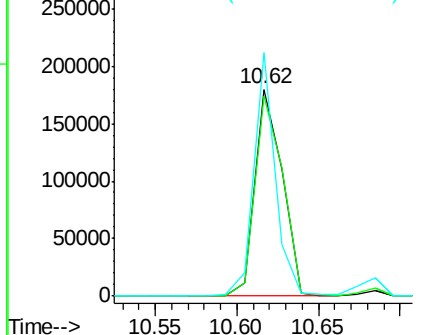


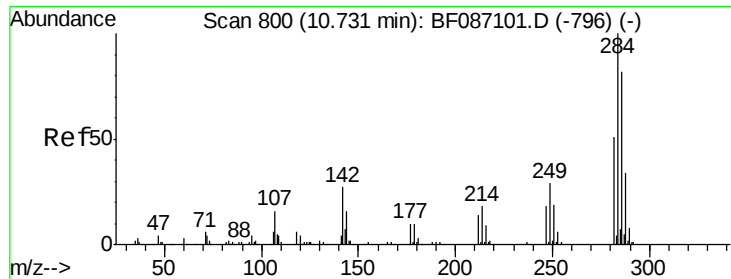
#66
4-Bromophenyl-phenylether
Concen: 42.01 ng
RT: 10.62 min Scan# 790
Delta R.T. -0.06 min
Lab File: BF087239.D
Acq: 20 May 2016 22:23

Tgt Ion:248 Resp: 210966
Ion Ratio Lower Upper
248 100
250 96.7 78.6 117.8
141 117.6 76.0 114.0#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

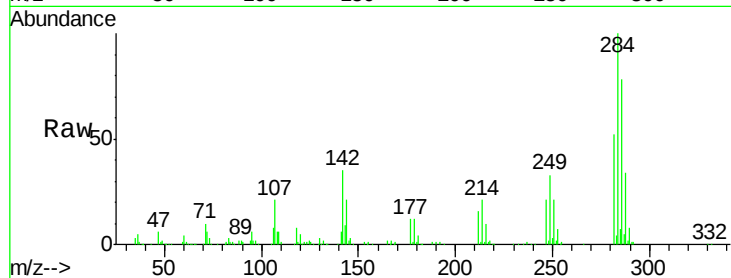




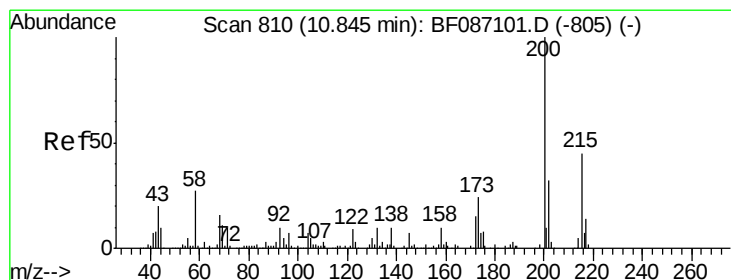
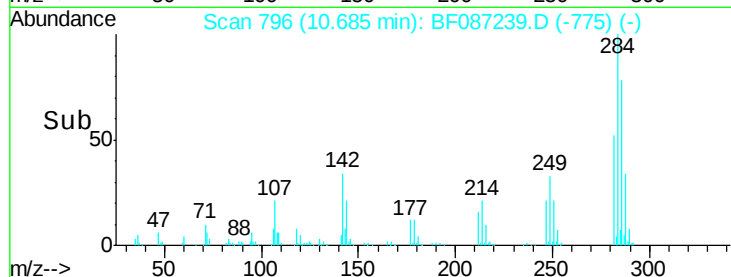
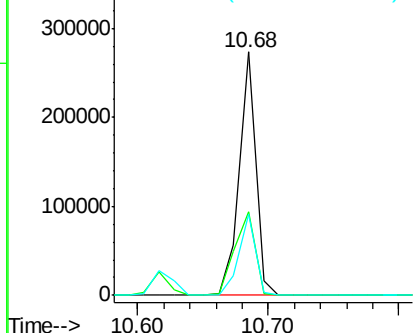
#67
Hexachlorobenzene
Concen: 41.33 ng
RT: 10.68 min Scan# 796
Delta R.T. -0.06 min
Lab File: BF087239.D
Acq: 20 May 2016 22:23

Instrument :
BNA_F
ClientSampleId :
PB90703BS

Tot Ion:284 Resp: 240643
Ion Ratio Lower Upper
284 100
142 34.5 16.7 25.1#
249 33.1 21.3 31.9#

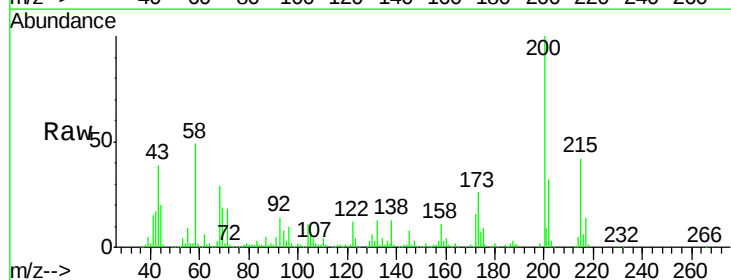


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

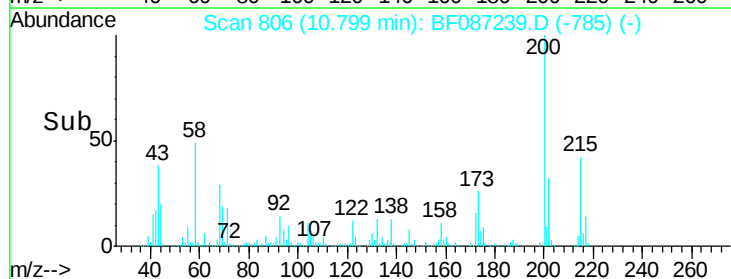
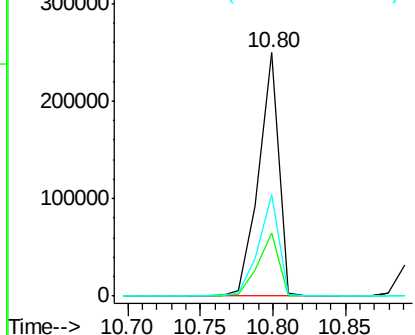


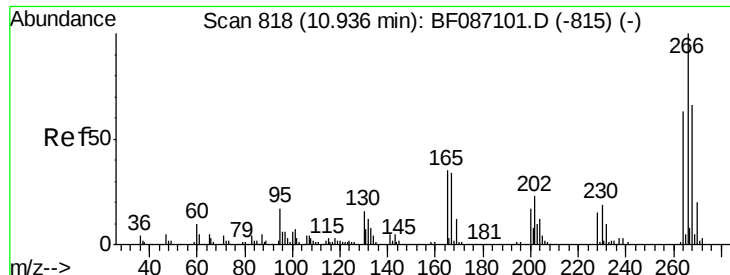
#68
Atrazine
Concen: 48.33 ng
RT: 10.80 min Scan# 806
Delta R.T. -0.06 min
Lab File: BF087239.D
Acq: 20 May 2016 22:23

Tgt Ion:200 Resp: 242298
Ion Ratio Lower Upper
200 100
173 25.8 8.5 48.5
215 41.9 27.2 67.2



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

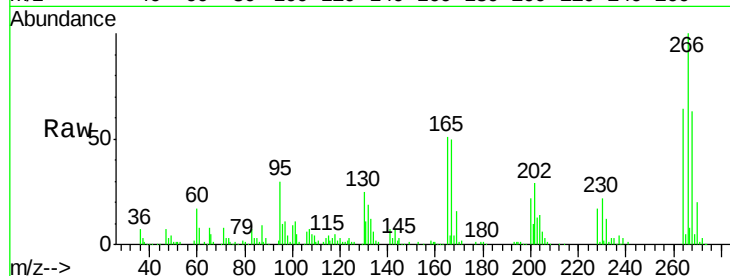




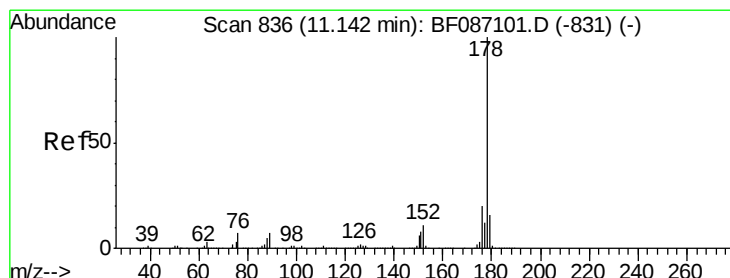
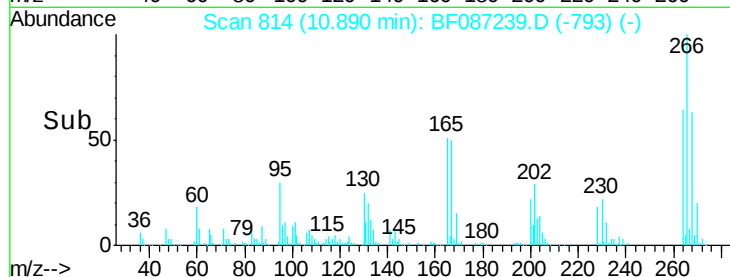
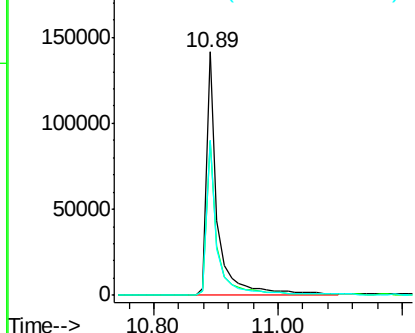
#69
 Pentachlorophenol
 Concen: 80.74 ng
 RT: 10.89 min Scan# 814
 Delta R.T. -0.06 min
 Lab File: BF087239.D
 Acq: 20 May 2016 22:23

Instrument :
 BNA_F
 ClientSampleId :
 PB90703BS

Tot Ion:266 Resp: 176588
 Ion Ratio Lower Upper
 266 100
 268 63.0 51.5 77.3
 264 63.7 52.9 79.3

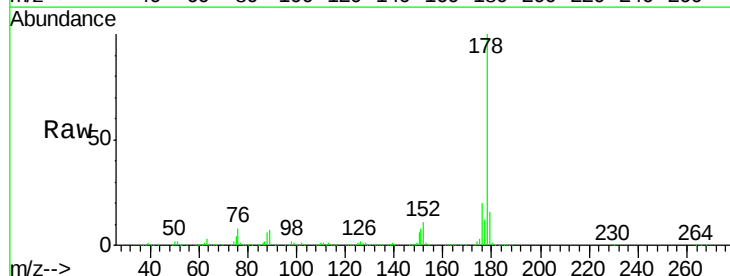


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

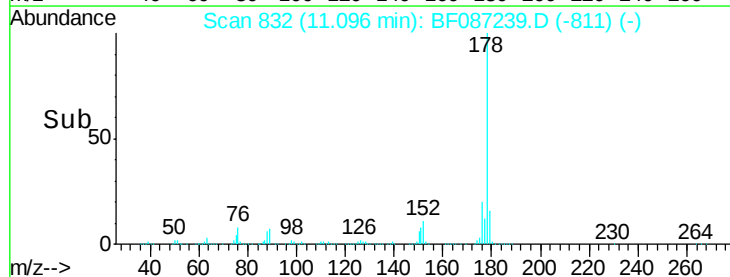
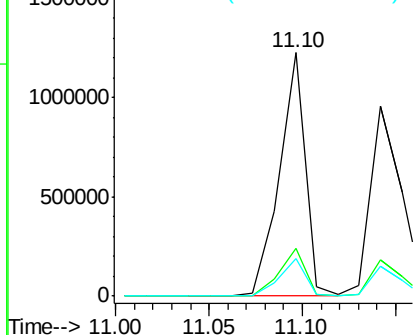


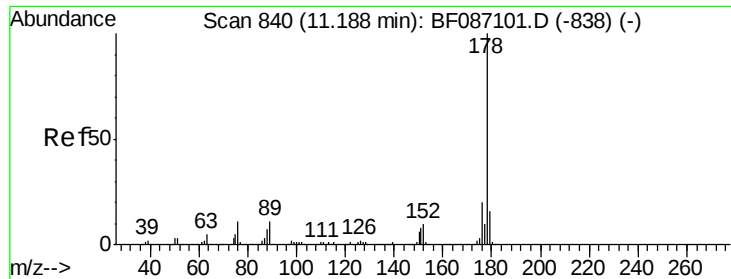
#70
 Phenanthrene
 Concen: 44.63 ng
 RT: 11.10 min Scan# 832
 Delta R.T. -0.06 min
 Lab File: BF087239.D
 Acq: 20 May 2016 22:23

Tgt Ion:178 Resp: 1181881
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.0 24.0
 179 15.6 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

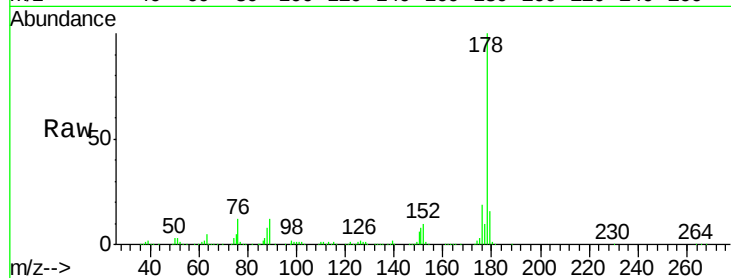




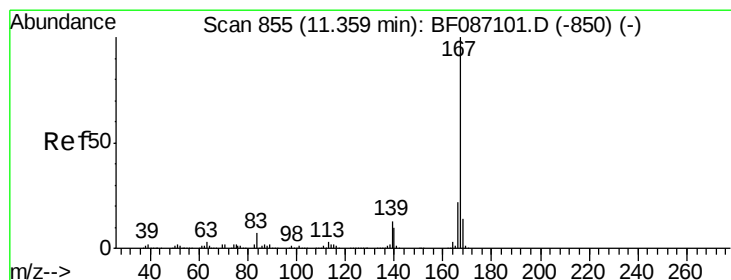
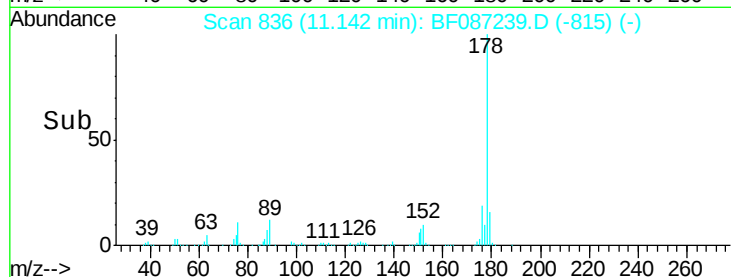
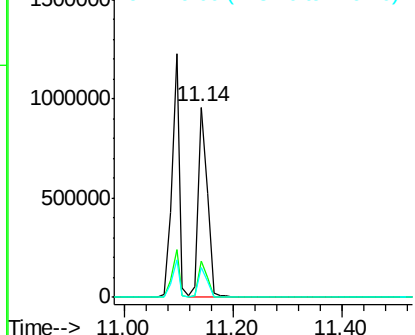
#71
 Anthracene
 Concen: 40.76 ng
 RT: 11.14 min Scan# 836
 Delta R.T. -0.06 min
 Lab File: BF087239.D
 Acq: 20 May 2016 22:23

Instrument :
 BNA_F
 ClientSampleId :
 PB90703BS

Tot Ion:178 Resp: 1091974
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.6 23.4
 179 16.0 12.7 19.1

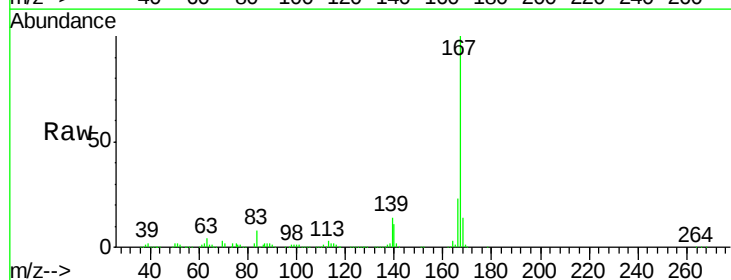


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

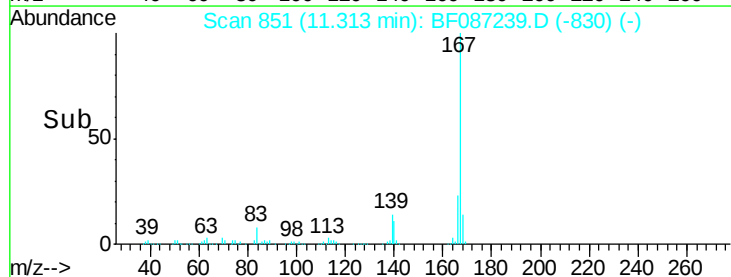
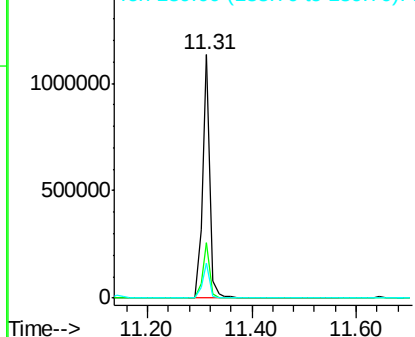


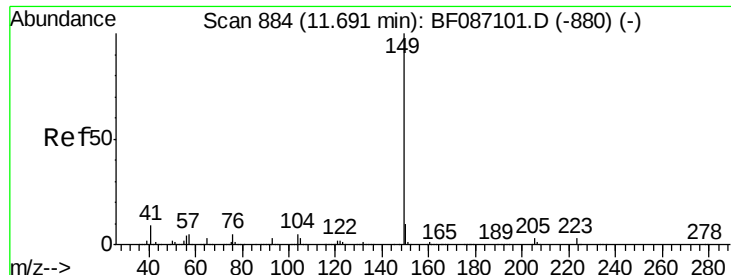
#72
 Carbazole
 Concen: 44.66 ng
 RT: 11.31 min Scan# 851
 Delta R.T. -0.06 min
 Lab File: BF087239.D
 Acq: 20 May 2016 22:23

Tgt Ion:167 Resp: 1092730
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.7 26.5
 139 14.2 10.8 16.2



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 48.44 ng

RT: 11.64 min Scan# 880

Delta R.T. -0.06 min

Lab File: BF087239.D

Acq: 20 May 2016 22:23

Instrument :

BNA_F

ClientSampleId :

PB90703BS

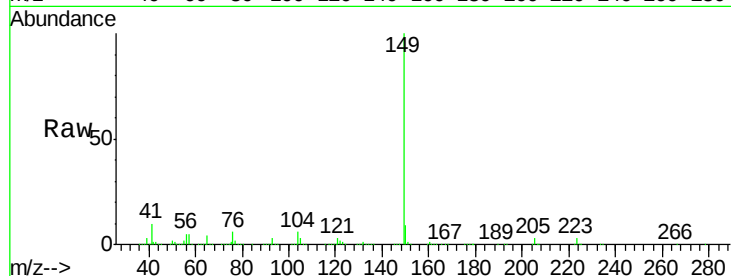
Tot Ion:149 Resp: 1361389

Ion Ratio Lower Upper

149 100

150 9.4 7.6 11.4

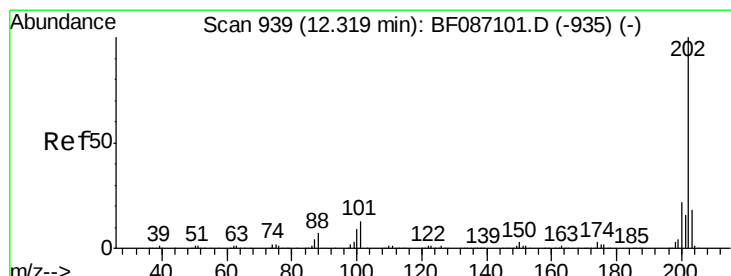
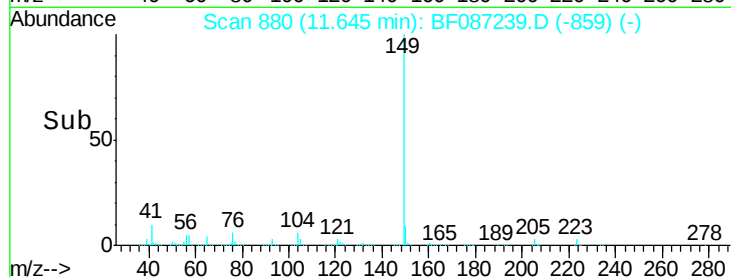
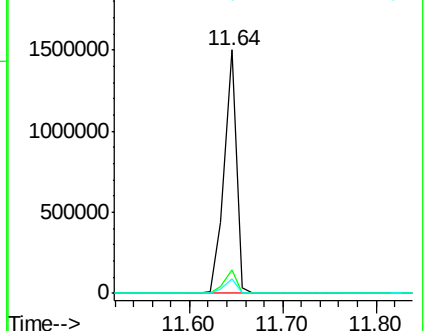
104 5.7 3.8 5.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.08 ng

RT: 12.27 min Scan# 935

Delta R.T. -0.06 min

Lab File: BF087239.D

Acq: 20 May 2016 22:23

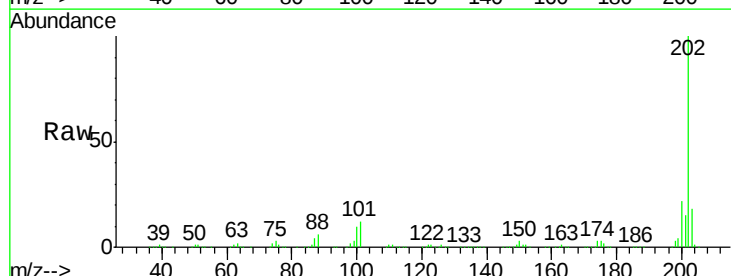
Tgt Ion:202 Resp: 1090137

Ion Ratio Lower Upper

202 100

101 12.4 0.0 35.4

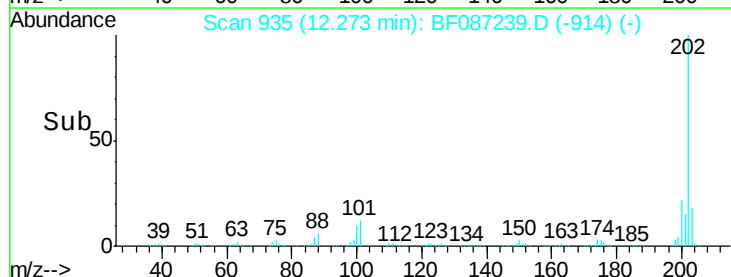
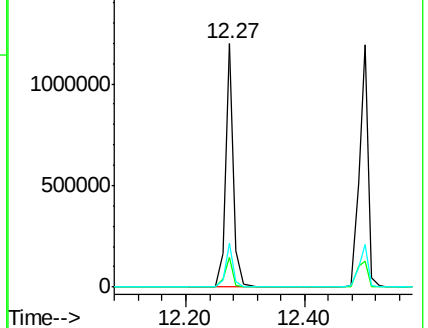
203 17.9 0.0 38.1

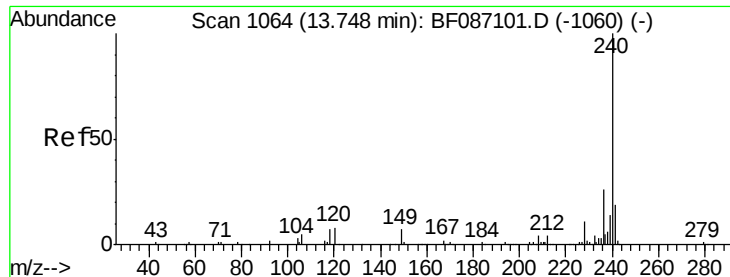


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.70 min Scan# 1060

Delta R.T. -0.06 min

Lab File: BF087239.D

Acq: 20 May 2016 22:23

Instrument :

BNA_F

ClientSampleId :

PB90703BS

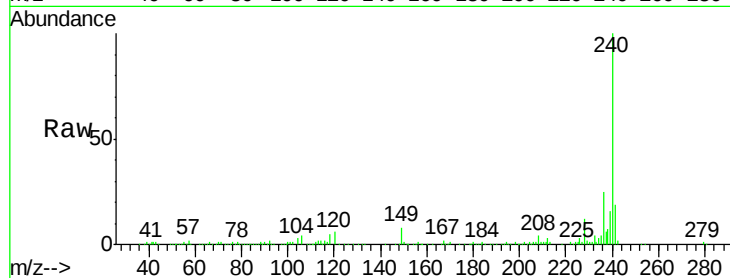
Tot Ion:240 Resp: 331928

Ion Ratio Lower Upper

240 100

120 5.7 11.2 16.8#

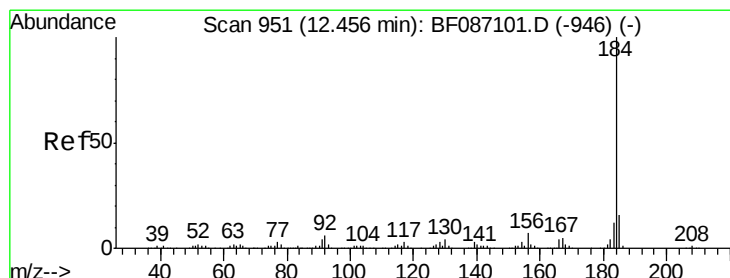
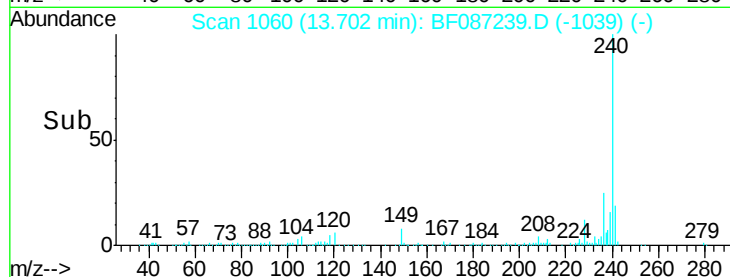
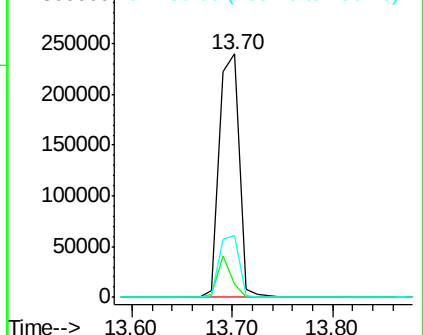
236 25.4 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 25.86 ng

RT: 12.41 min Scan# 947

Delta R.T. -0.06 min

Lab File: BF087239.D

Acq: 20 May 2016 22:23

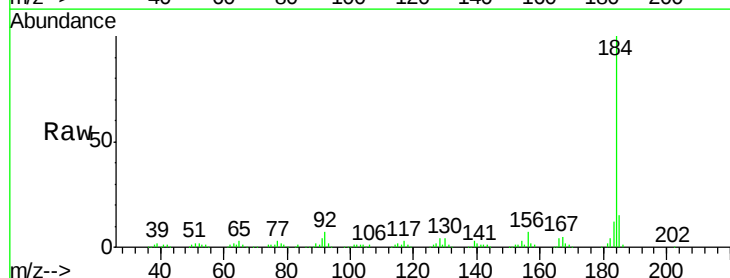
Tgt Ion:184 Resp: 269441

Ion Ratio Lower Upper

184 100

185 14.6 13.6 20.4

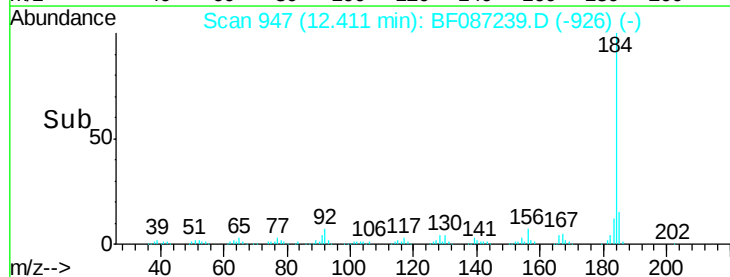
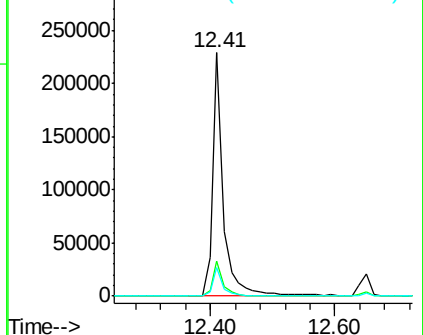
183 11.8 9.8 14.6

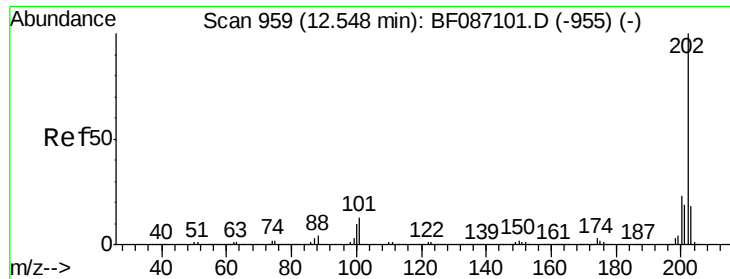


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

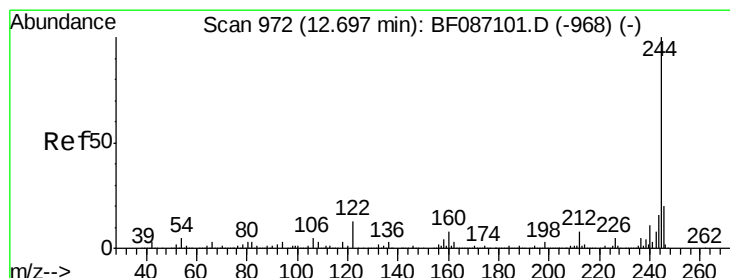
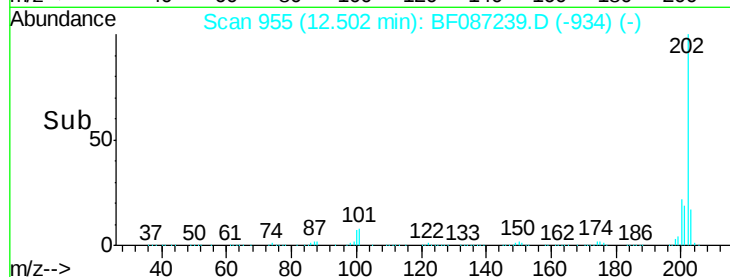
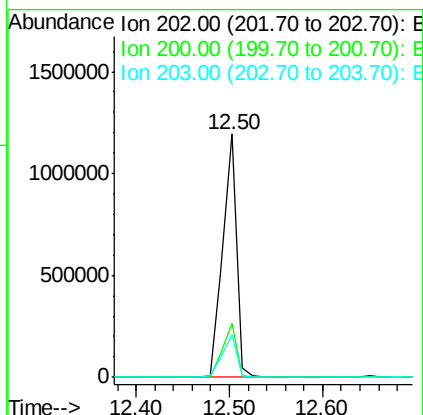
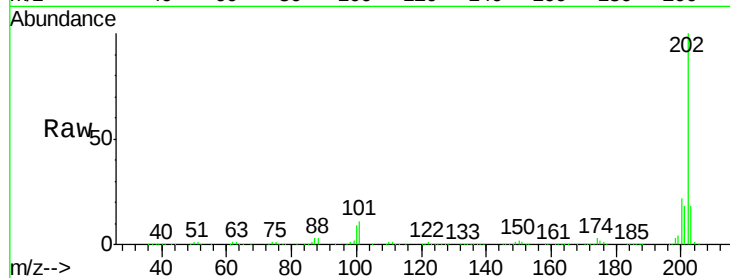




#77
Pvrene
Concen: 50.75 ng
RT: 12.50 min Scan# 955
Delta R.T. -0.06 min
Lab File: BF087239.D
Acq: 20 May 2016 22:23

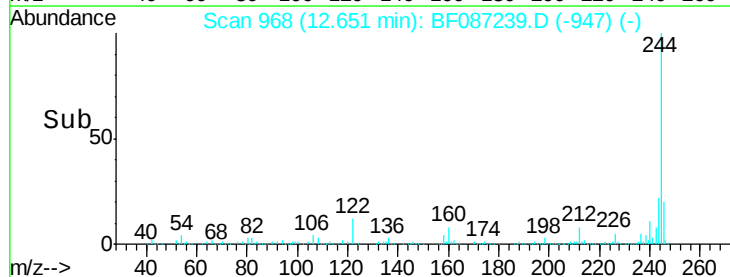
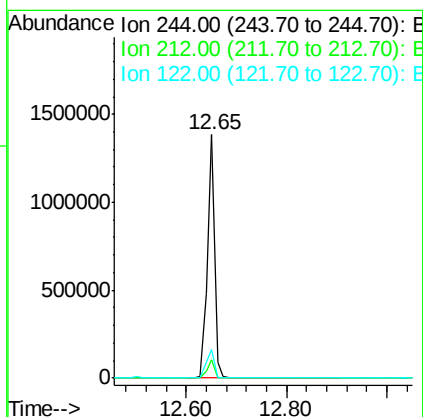
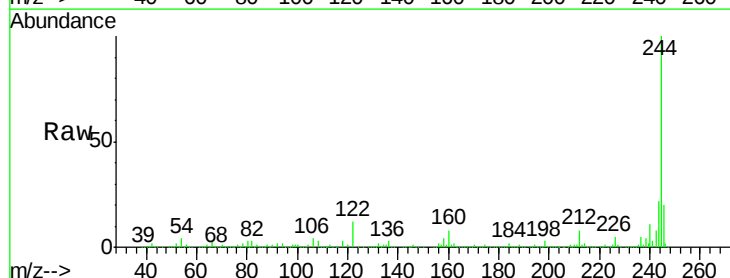
Instrument :
BNA_F
ClientSampleId :
PB90703BS

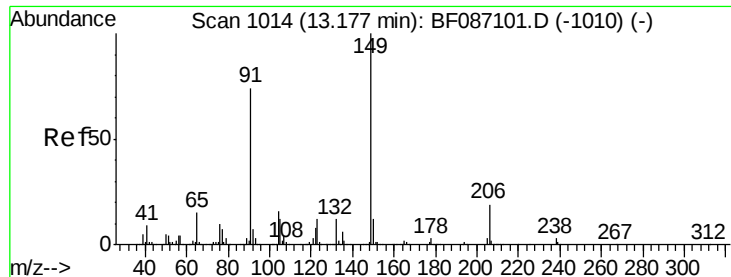
Tot Ion:202 Resp: 1217025
Ion Ratio Lower Upper
202 100
200 22.1 17.7 26.5
203 17.6 14.2 21.4



#78
Terphenyl-d14
Concen: 92.87 ng
RT: 12.65 min Scan# 968
Delta R.T. -0.06 min
Lab File: BF087239.D
Acq: 20 May 2016 22:23

Tgt Ion:244 Resp: 1362757
Ion Ratio Lower Upper
244 100
212 7.6 6.2 9.2
122 11.8 12.0 18.0#





#79

Butylbenzylphthalate

Concen: 55.60 ng

RT: 13.13 min Scan# 1010

Delta R.T. -0.06 min

Lab File: BF087239.D

Acq: 20 May 2016 22:23

Instrument :

BNA_F

ClientSampleId :

PB90703BS

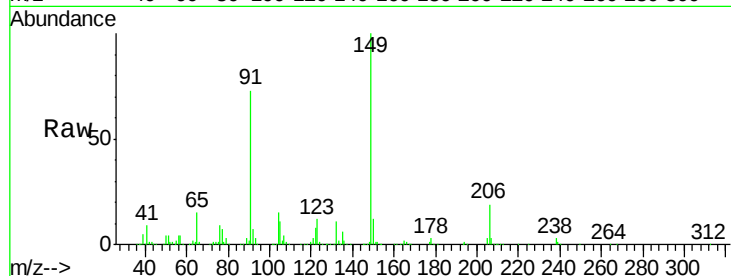
Tot Ion:149 Resp: 562853

Ion Ratio Lower Upper

149 100

91 72.6 48.0 72.0#

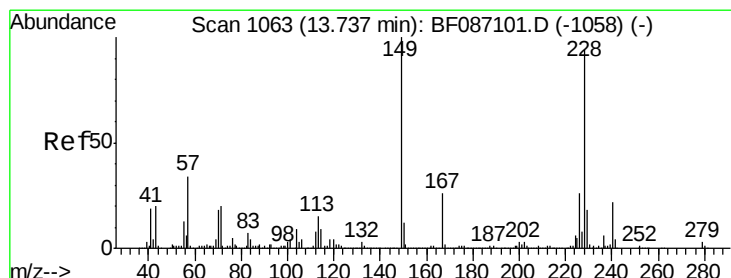
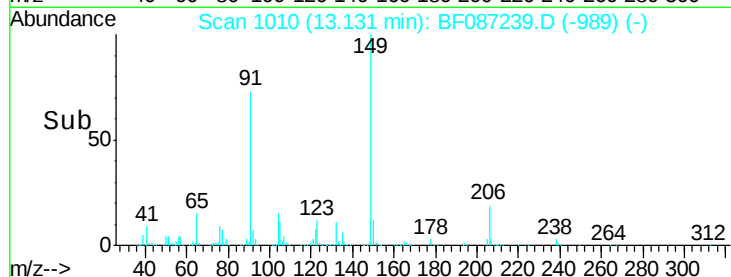
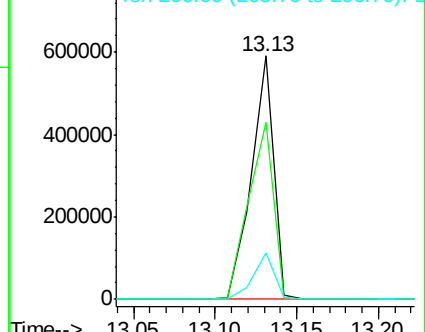
206 19.4 15.8 23.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 45.15 ng

RT: 13.68 min Scan# 1058

Delta R.T. -0.07 min

Lab File: BF087239.D

Acq: 20 May 2016 22:23

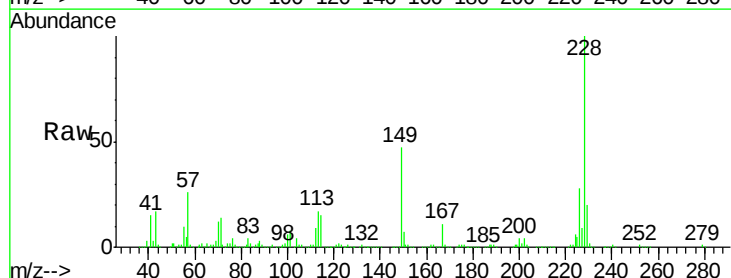
Tgt Ion:228 Resp: 866438

Ion Ratio Lower Upper

228 100

226 28.2 22.5 33.7

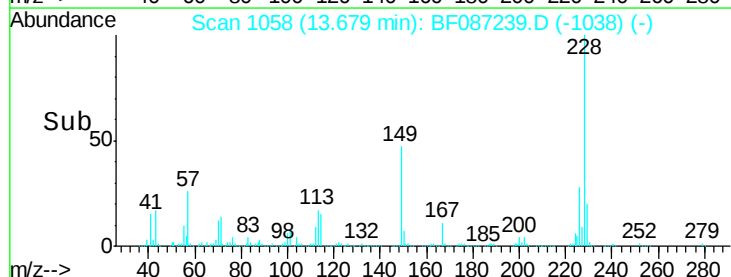
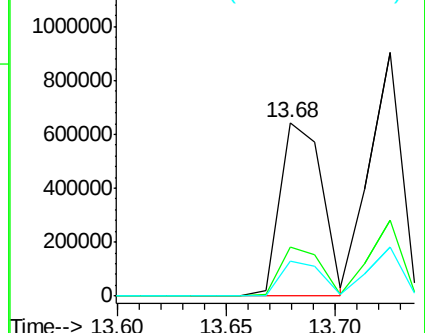
229 20.3 16.6 25.0

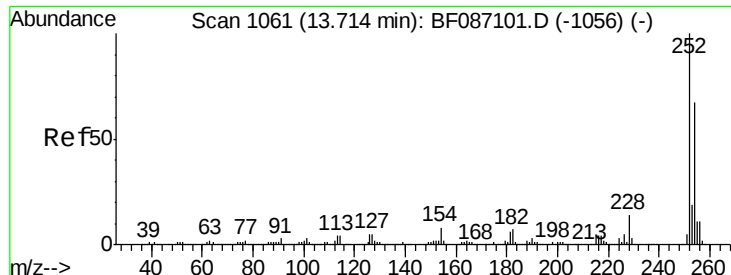


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

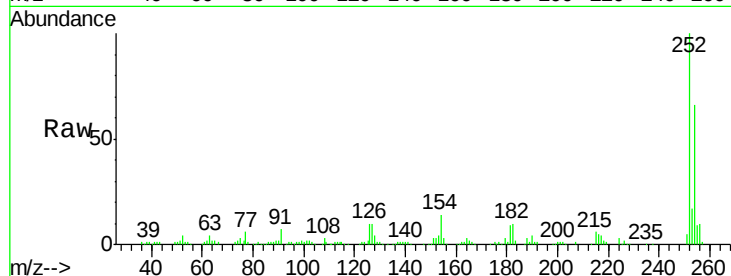




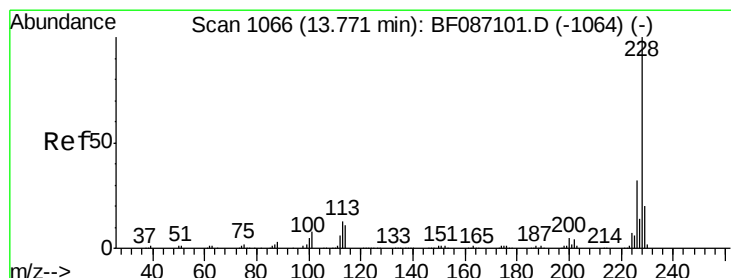
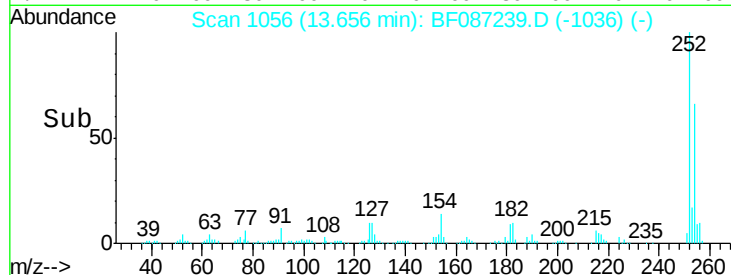
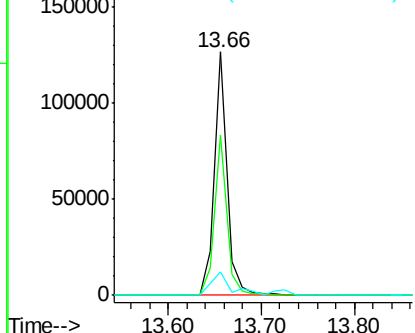
#81
 3,3'-Dichlorobenzidine
 Concen: 9.92 ng
 RT: 13.66 min Scan# 1056
 Delta R.T. -0.07 min
 Lab File: BF087239.D
 Acq: 20 May 2016 22:23

Instrument :
 BNA_F
 ClientSampleId :
 PB90703BS

Tot Ion:252 Resp: 121119
 Ion Ratio Lower Upper
 252 100
 254 65.8 50.7 76.1
 126 9.8 12.7 19.1#

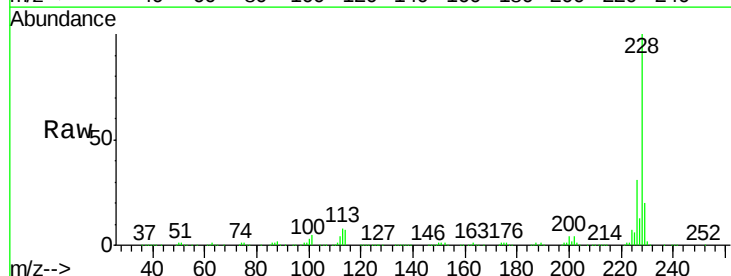


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

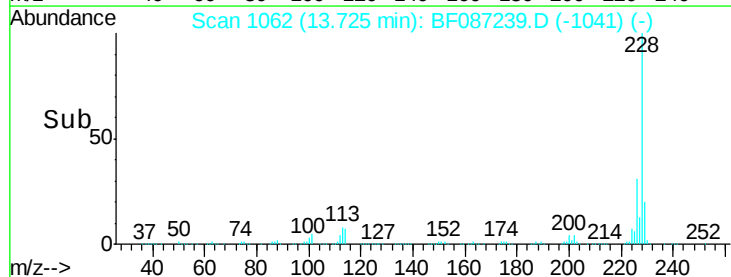
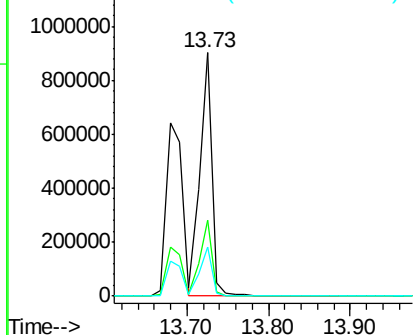


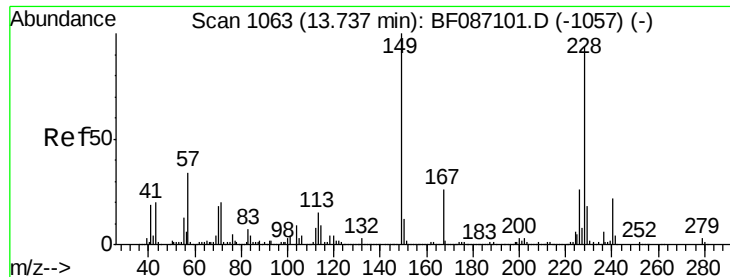
#82
 Chrysene
 Concen: 50.78 ng
 RT: 13.73 min Scan# 1062
 Delta R.T. -0.06 min
 Lab File: BF087239.D
 Acq: 20 May 2016 22:23

Tgt Ion:228 Resp: 942878
 Ion Ratio Lower Upper
 228 100
 226 31.1 24.4 36.6
 229 20.0 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 58.33 ng

RT: 13.69 min Scan# 1059

Delta R.T. -0.06 min

Lab File: BF087239.D

Acq: 20 May 2016 22:23

Instrument :

BNA_F

ClientSampleId :

PB90703BS

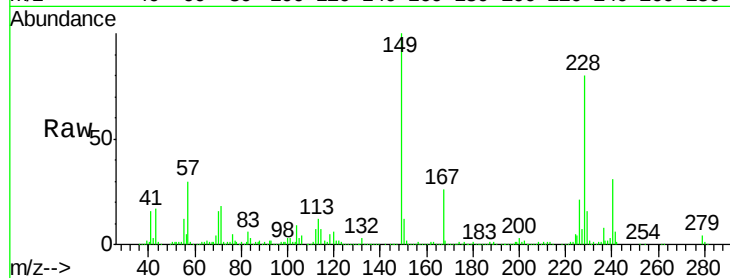
Tot Ion:149 Resp: 718664

Ion	Ratio	Lower	Upper
149	100		
167	25.8	21.8	32.6
279	3.8	2.6	4.0

149 100

167 25.8 21.8 32.6

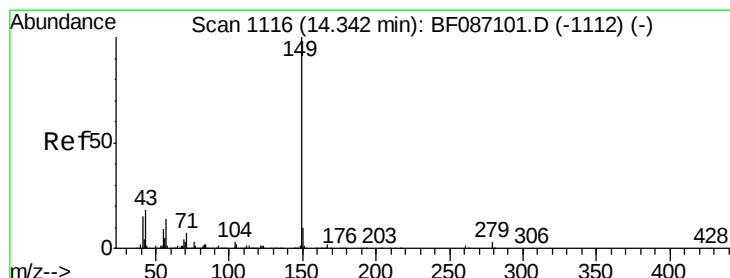
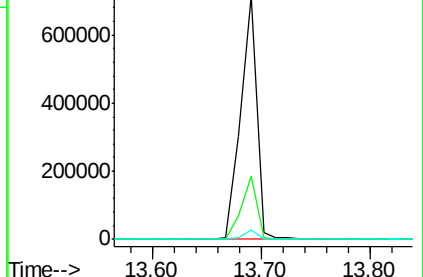
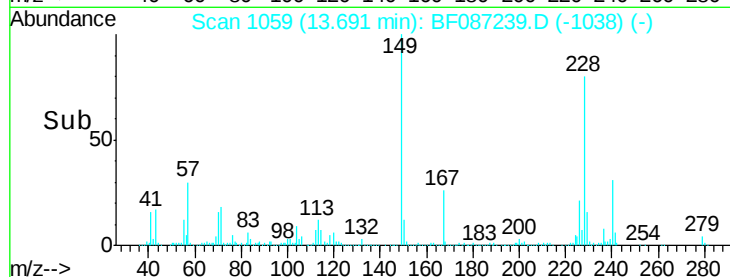
279 3.8 2.6 4.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 55.13 ng

RT: 14.30 min Scan# 1112

Delta R.T. -0.06 min

Lab File: BF087239.D

Acq: 20 May 2016 22:23

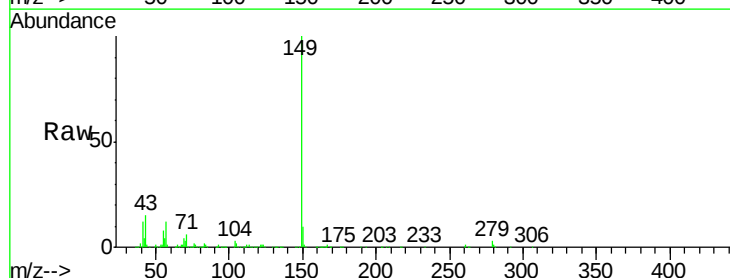
Tgt Ion:149 Resp: 1170085

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	16.6	8.2	12.4

149 100

167 1.6 1.2 1.8

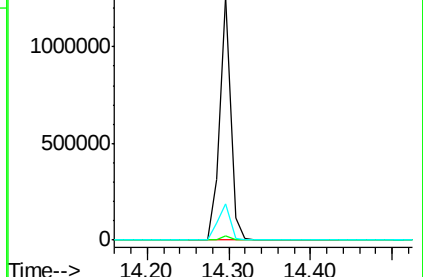
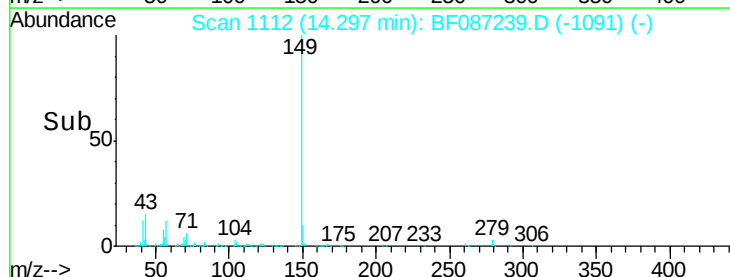
43 16.6 8.2 12.4#

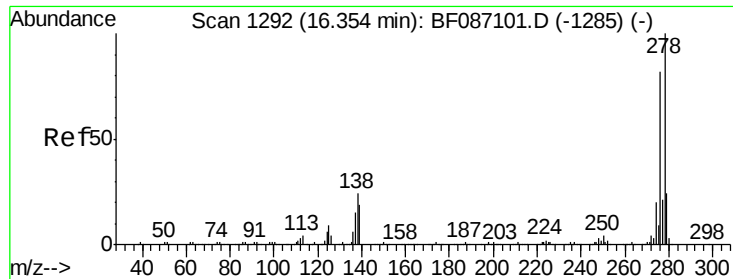


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

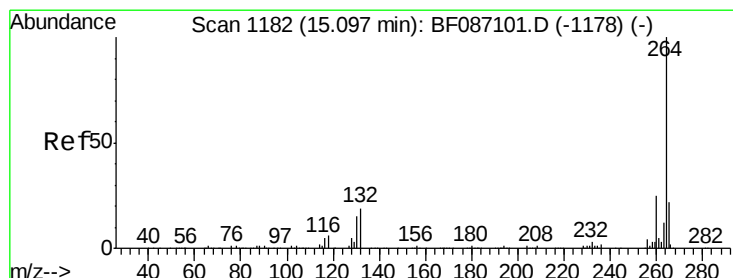
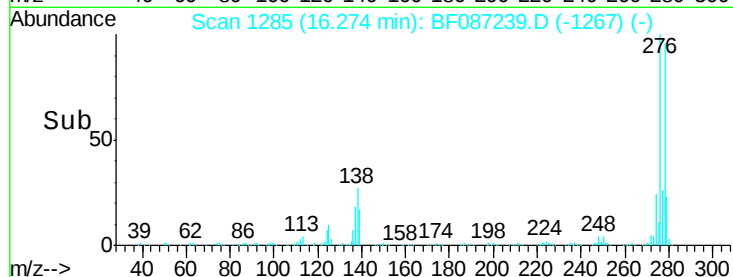
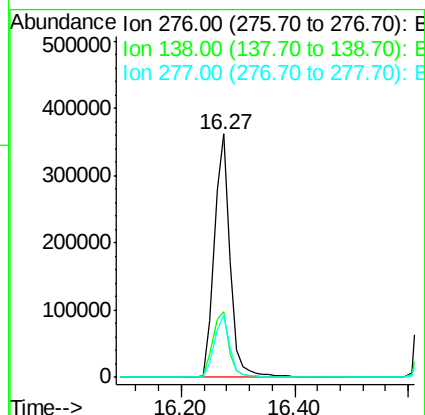
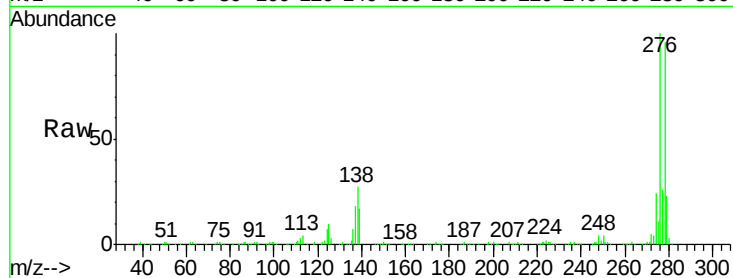




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.92 ng
 RT: 16.27 min Scan# 1285
 Delta R.T. -0.09 min
 Lab File: BF087239.D
 Acq: 20 May 2016 22:23

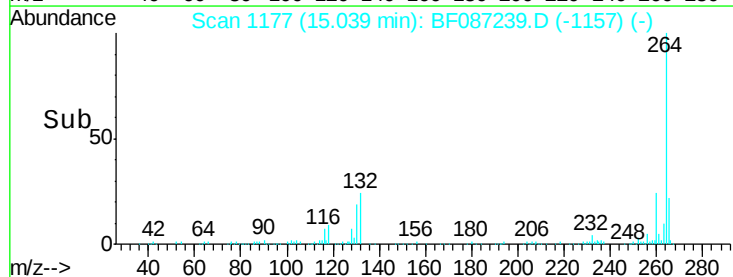
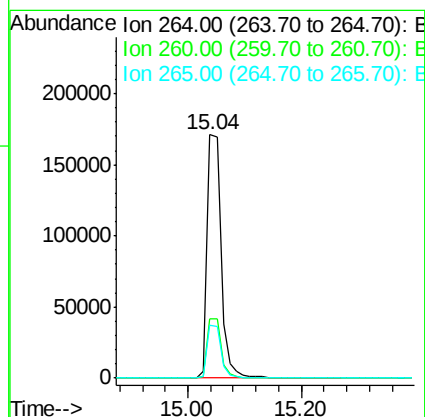
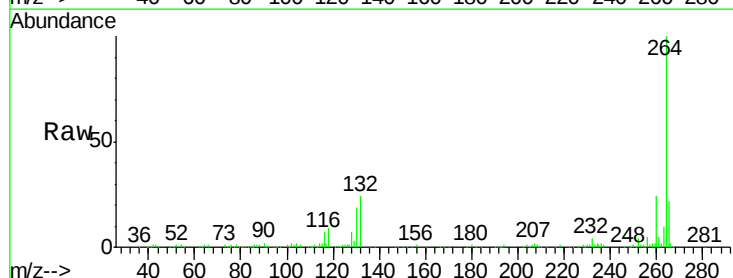
Instrument :
 BNA_F
 ClientSampleId :
 PB90703BS

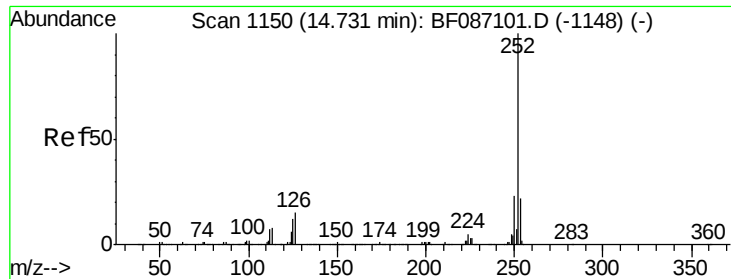
Tot Ion:	276	Resp:	683229
Ion	Ratio	Lower	Upper
276	100		
138	27.9	25.6	38.4
277	25.6	20.5	30.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.04 min Scan# 1177
 Delta R.T. -0.07 min
 Lab File: BF087239.D
 Acq: 20 May 2016 22:23

Tgt Ion:	264	Resp:	280729
Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	21.9	17.3	25.9

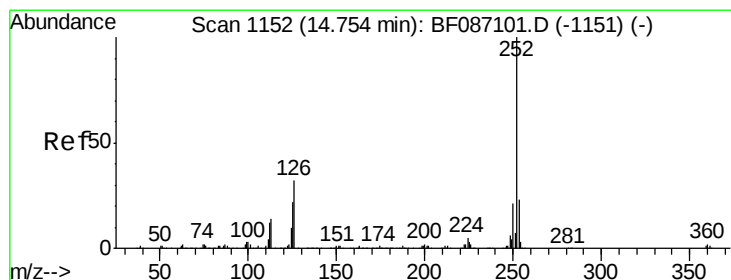
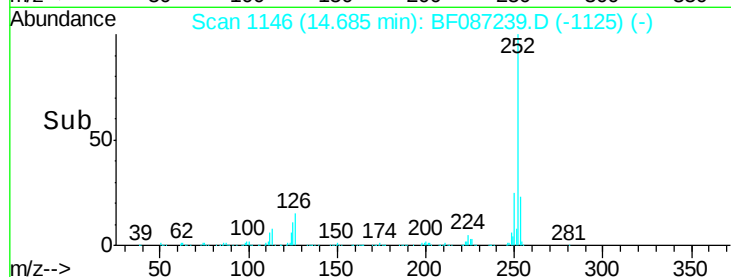
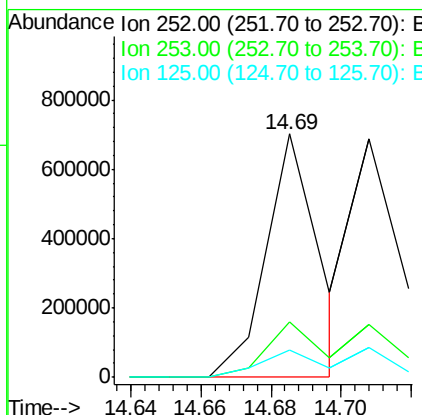
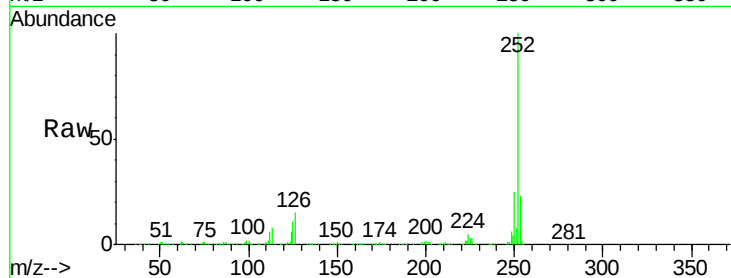




#87
Benzo(b)fluoranthene
Concen: 39.16 ng m
RT: 14.69 min Scan# 1146
Delta R.T. -0.06 min
Lab File: BF087239.D
Acq: 20 May 2016 22:23

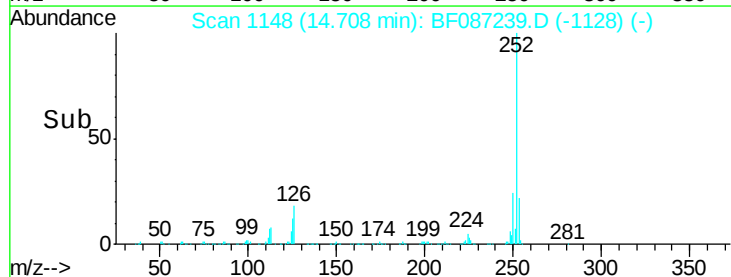
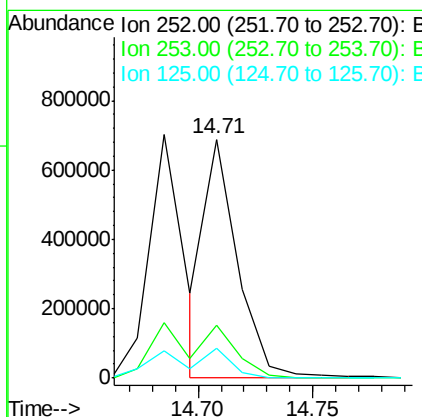
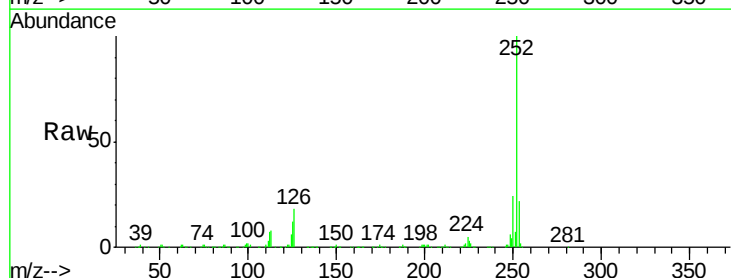
Instrument :
BNA_F
ClientSampleId :
PB90703BS

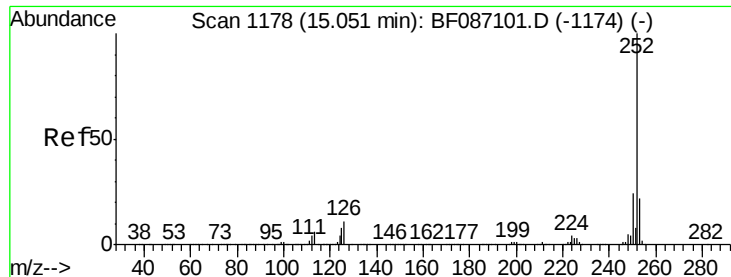
Tot Ion:252 Resp: 729274
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.6
125 11.2 11.4 17.0#



#88
Benzo(k)fluoranthene
Concen: 49.86 ng m
RT: 14.71 min Scan# 1148
Delta R.T. -0.07 min
Lab File: BF087239.D
Acq: 20 May 2016 22:23

Tgt Ion:252 Resp: 691336
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 12.4 9.1 13.7

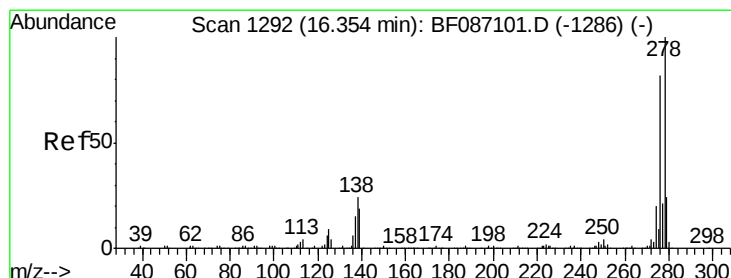
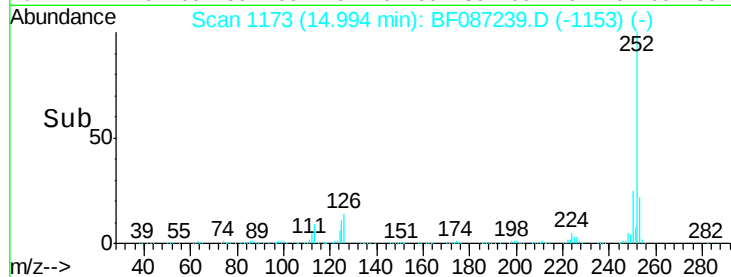
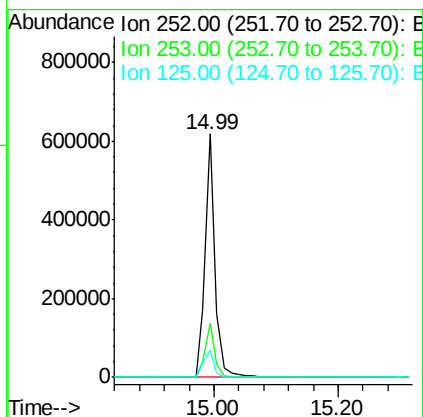
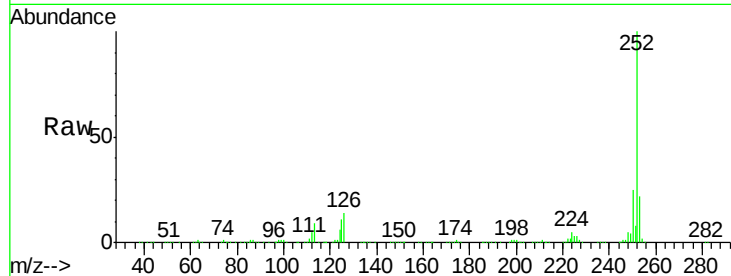




#89
Benzo(a)pyrene
Concen: 44.07 ng
RT: 14.99 min Scan# 1173
Delta R.T. -0.07 min
Lab File: BF087239.D
Acq: 20 May 2016 22:23

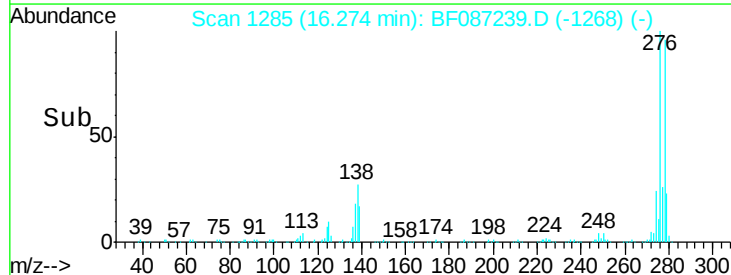
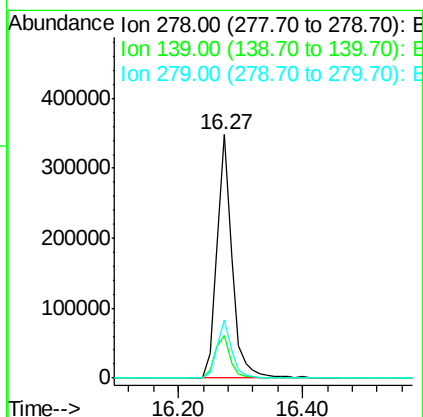
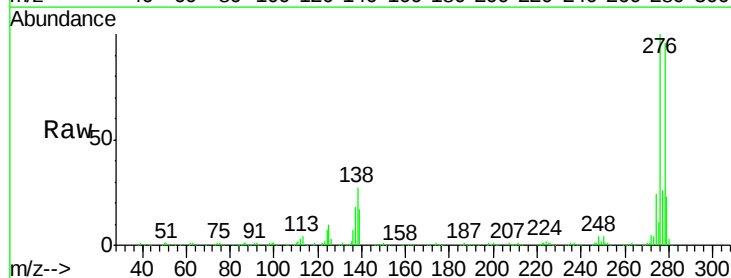
Instrument :
BNA_F
ClientSampleId :
PB90703BS

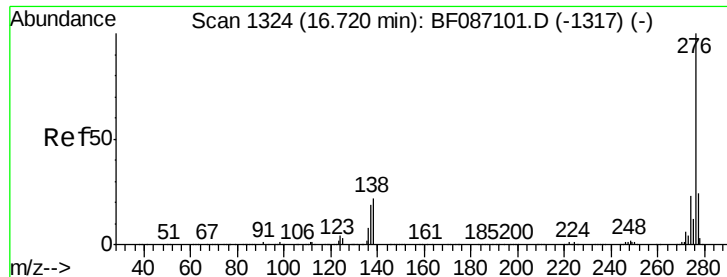
Tot Ion:252 Resp: 686011
Ion Ratio Lower Upper
252 100
253 22.4 17.2 25.8
125 11.2 9.0 13.6



#90
Dibenzo(a,h)anthracene
Concen: 44.14 ng
RT: 16.27 min Scan# 1285
Delta R.T. -0.10 min
Lab File: BF087239.D
Acq: 20 May 2016 22:23

Tgt Ion:278 Resp: 578512
Ion Ratio Lower Upper
278 100
139 17.4 16.6 24.8
279 23.9 19.6 29.4





#91

Benzo(a,h,i)perylene

Concen: 43.79 ng

RT: 16.63 min Scan# 1316

Delta R.T. -0.11 min

Lab File: BF087239.D

Acq: 20 May 2016 22:23

Instrument :

BNA_F

ClientSampleId :

PB90703BS

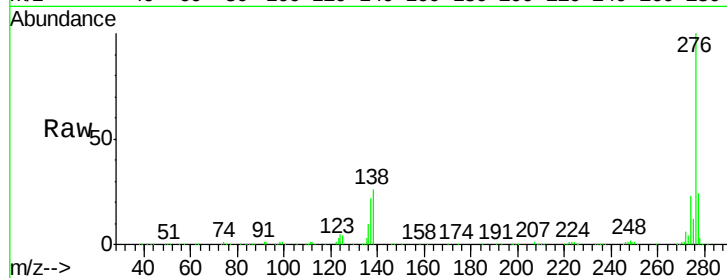
Tot Ion: 276 Resp: 579683

Ion Ratio Lower Upper

276 100

277 23.5 19.6 29.4

138 26.2 23.6 35.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

