

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052016\
 Data File : BF087240.D
 Acq On : 20 May 2016 22:53
 Operator : UM/SJ
 Sample : PB90703BSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90703BSD

Quant Time: May 21 00:51:22 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	126819	20.00	ng	-0.05
21) Naphthalene-d8	7.85	136	546305	20.00	ng	-0.05
38) Acenaphthene-d10	9.59	164	259955	20.00	ng	-0.06
63) Phenanthrene-d10	11.07	188	516092	20.00	ng	-0.05
75) Chrysene-d12	13.70	240	347849	20.00	ng	-0.06
86) Perylene-d12	15.05	264	291841	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	920016	121.94	ng	-0.06
7) Phenol-d6	6.23	99	1237733	122.31	ng	-0.06
23) Nitrobenzene-d5	7.14	82	888718	81.08	ng	-0.05
41) 2,4,6-Tribromophenol	10.39	330	347369	120.92	ng	-0.06
44) 2-Fluorobiphenyl	8.92	172	1339095	85.31	ng	-0.06
78) Terphenyl-d14	12.65	244	1413854	91.94	ng	-0.06

Target Compounds						Qvalue
2) 1,4-Dioxane	2.02	88	113093	29.14	ng	# 58
3) Pyridine	2.64	79	334199	35.60	ng	# 65
4) n-Nitrosodimethylamine	2.60	42	249523	37.50	ng	# 48
6) Aniline	6.23	93	263970	20.54	ng	# 71
8) 2-Chlorophenol	6.34	128	364283	39.68	ng	# 76
9) Benzaldehyde	6.11	77	60300	8.80	ng	97
10) Phenol	6.24	94	434465	34.15	ng	# 44
11) bis(2-Chloroethyl)ether	6.31	93	381231	39.91	ng	90
12) 1,3-Dichlorobenzene	6.49	146	360899m	36.98	ng	
13) 1,4-Dichlorobenzene	6.57	146	375071m	37.57	ng	
14) 1,2-Dichlorobenzene	6.73	146	332870	38.08	ng	97
15) Benzyl Alcohol	6.73	79	339924	45.12	ng	92
16) 2,2'-oxybis(1-Chloropropan	6.86	45	722073	36.77	ng	58
17) 2-Methylphenol	6.86	107	318815	42.29	ng	# 81
18) Hexachloroethane	7.06	117	145983	38.25	ng	94
19) n-Nitroso-di-n-propylamine	6.99	70	304393	39.57	ng	# 69
20) 3+4-Methylphenols	7.02	107	436248	43.87	ng	# 58
22) Acetophenone	6.98	105	538030	40.24	ng	# 98
24) Nitrobenzene	7.15	77	430430	35.96	ng	95
25) Isophorone	7.39	82	796499	39.69	ng	97
26) 2-Nitrophenol	7.47	139	205936	41.54	ng	# 78
27) 2,4-Dimethylphenol	7.53	122	339541	40.13	ng	# 86
28) bis(2-Chloroethoxy)methane	7.61	93	454201	41.23	ng	# 98
29) 2,4-Dichlorophenol	7.72	162	346822	46.52	ng	98
30) 1,2,4-Trichlorobenzene	7.79	180	338658	40.93	ng	99
31) Naphthalene	7.86	128	1062995	39.82	ng	99
32) Benzoic acid	7.70	122	187666	37.21	ng	# 80
33) 4-Chloroaniline	7.94	127	110728	9.98	ng	# 94
34) Hexachlorobutadiene	7.99	225	193943	41.31	ng	98
35) Caprolactam	8.32	113	107400m	43.26	ng	
36) 4-Chloro-3-methylphenol	8.44	107	365579	40.65	ng	89
37) 2-Methylnaphthalene	8.56	142	733277	42.95	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.73	216	325100	42.82	ng	99
40) Hexachlorocyclopentadiene	8.71	237	244534	83.07	ng	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.86	196	205647	41.77	nq	92
43) 2,4,5-Trichlorophenol	8.90	196	224463	43.88	nq	# 92
45) 1,1'-Biphenyl	9.03	154	966342	44.83	nq	99
46) 2-Chloronaphthalene	9.05	162	695555	42.03	nq	99
47) 2-Nitroaniline	9.16	65	280264	44.20	nq	98
48) Acenaphthylene	9.45	152	1034006	40.92	nq	99
49) Dimethylphthalate	9.34	163	847037	42.71	nq	99
50) 2,6-Dinitrotoluene	9.40	165	200568	46.58	nq	91
51) Acenaphthene	9.62	154	634017	40.16	nq	99
52) 3-Nitroaniline	9.58	138	82981	17.80	nq	93
53) 2,4-Dinitrophenol	9.69	184	179683	73.25	nq	# 75
54) Dibenzofuran	9.80	168	986118	48.31	nq	100
55) 4-Nitrophenol	9.77	139	155376m	56.63	nq	
56) 2,4-Dinitrotoluene	9.82	165	254298	46.11	nq	# 69
57) Fluorene	10.14	166	684423	41.73	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.93	232	202151	50.74	nq	98
59) Diethylphthalate	10.03	149	823593	43.50	nq	99
60) 4-Chlorophenyl-phenylether	10.14	204	376794	48.47	nq	91
61) 4-Nitroaniline	10.19	138	178674	38.82	nq	# 70
62) Azobenzene	10.30	77	1118337	51.26	nq	88
64) 4,6-Dinitro-2-methylphenol	10.23	198	135092	39.74	nq	90
65) n-Nitrosodiphenylamine	10.26	169	667852	41.12	nq	98
66) 4-Bromophenyl-phenylether	10.62	248	218861	41.24	nq	# 89
67) Hexachlorobenzene	10.68	284	242868	39.47	nq	# 78
68) Atrazine	10.80	200	234493	44.26	nq	95
69) Pentachlorophenol	10.89	266	182383	78.90	nq	99
70) Phenanthrene	11.10	178	1182847	42.26	nq	100
71) Anthracene	11.14	178	1119209	39.53	nq	100
72) Carbazole	11.31	167	1098442	42.47	nq	99
73) Di-n-butylphthalate	11.64	149	1401434	47.18	nq	# 99
74) Fluoranthene	12.27	202	1146421	40.88	nq	96
76) Benzidine	12.41	184	352234	34.30	nq	96
77) Pyrene	12.50	202	1245890	49.58	nq	99
79) Butylbenzylphthalate	13.13	149	576171	54.31	nq	# 85
80) Benzo(a)anthracene	13.69	228	895717	44.53	nq	99
81) 3,3'-Dichlorobenzidine	13.66	252	154893	12.10	nq	# 96
82) Chrysene	13.73	228	949496	48.79	nq	99
83) Bis(2-ethylhexyl)phthalate	13.69	149	732316	56.72	nq	98
84) Di-n-octyl phthalate	14.30	149	1206767	54.26	nq	# 85
85) Indeno(1,2,3-cd)pyrene	16.27	276	702083	41.10	nq	96
87) Benzo(b)fluoranthene	14.69	252	764869m	39.51	nq	
88) Benzo(k)fluoranthene	14.71	252	685692m	47.57	nq	
89) Benzo(a)pyrene	14.99	252	687475	42.48	nq	98
90) Dibenzo(a,h)anthracene	16.27	278	596037	43.74	nq	95
91) Benzo(g,h,i)perylene	16.63	276	601434	43.70	nq	95

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

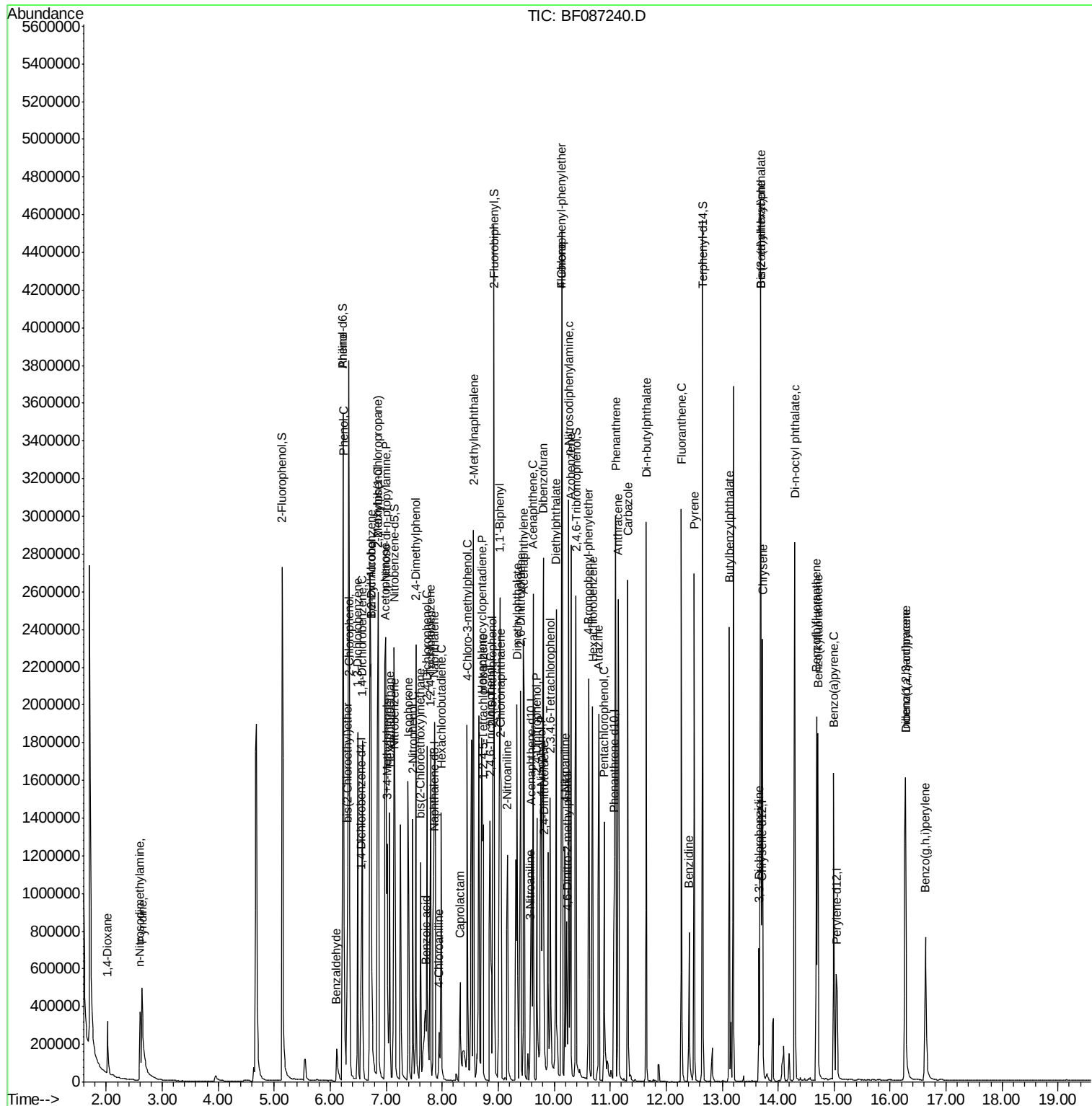
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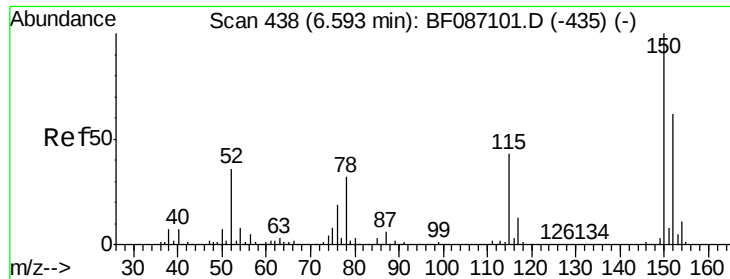
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.56 min Scan# 435

Delta R.T. -0.05 min

Lab File: BF087240.D

Acq: 20 May 2016 22:53

Instrument :

BNA_F

ClientSampleId :

PB90703BSD

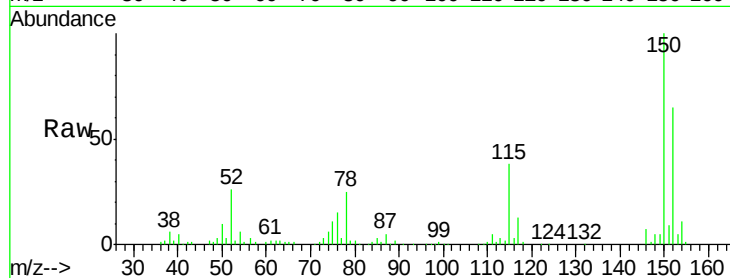
Tot Ion:152 Resp: 126819

Ion Ratio Lower Upper

152 100

150 154.4 125.8 188.6

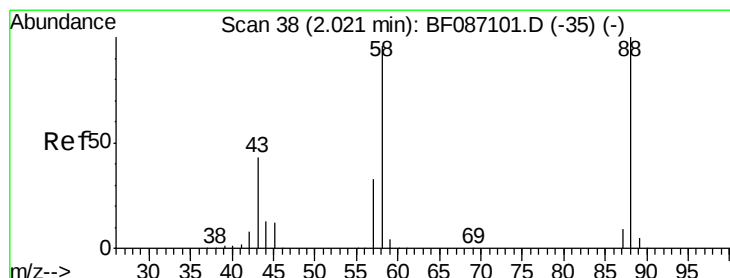
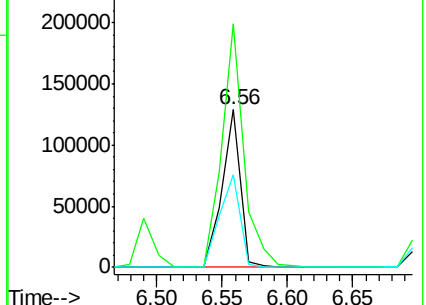
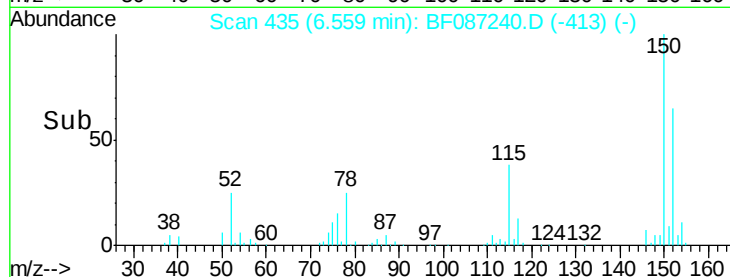
115 59.0 51.5 77.3



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: 29.14 ng

RT: 2.02 min Scan# 38

Delta R.T. -0.03 min

Lab File: BF087240.D

Acq: 20 May 2016 22:53

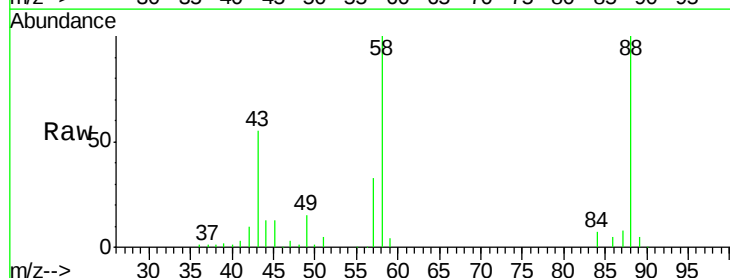
Tgt Ion: 88 Resp: 113093

Ion Ratio Lower Upper

88 100

58 96.7 59.6 89.4#

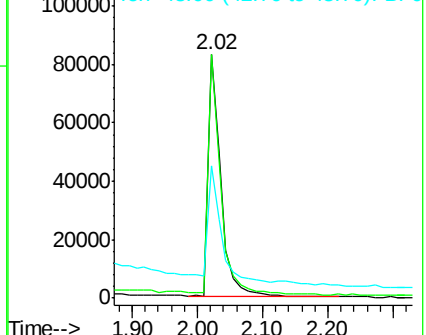
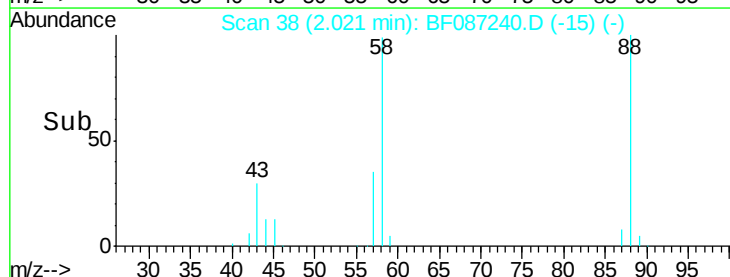
43 70.8 21.8 32.6#

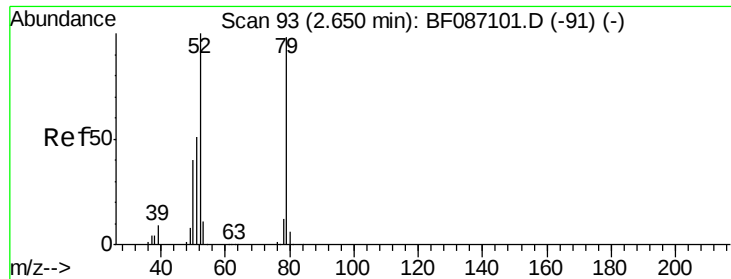


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 35.60 ng

RT: 2.64 min Scan# 92

Delta R.T. -0.05 min

Lab File: BF087240.D

Acq: 20 May 2016 22:53

Instrument :

BNA_F

ClientSampleId :

PB90703BSD

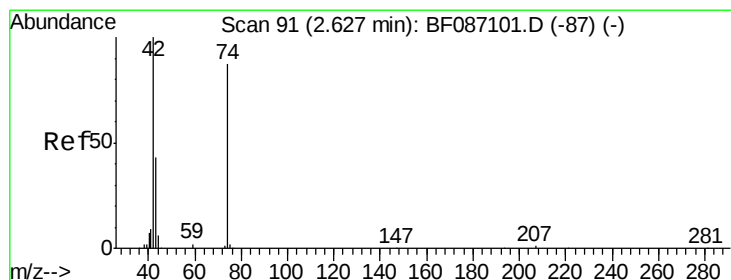
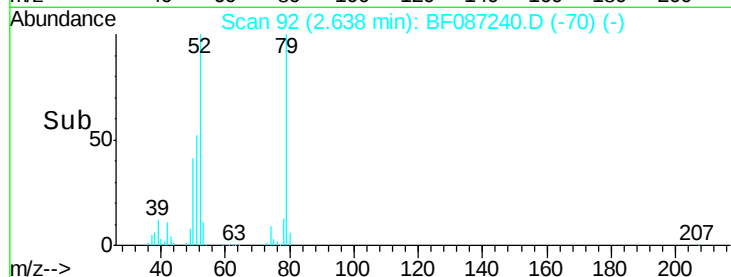
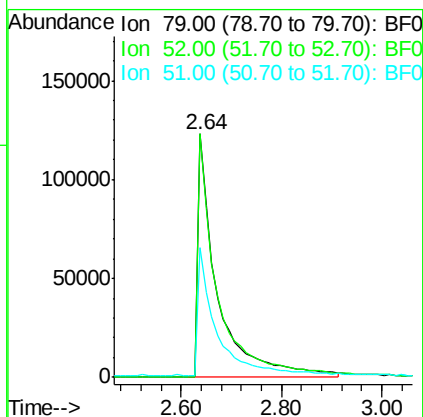
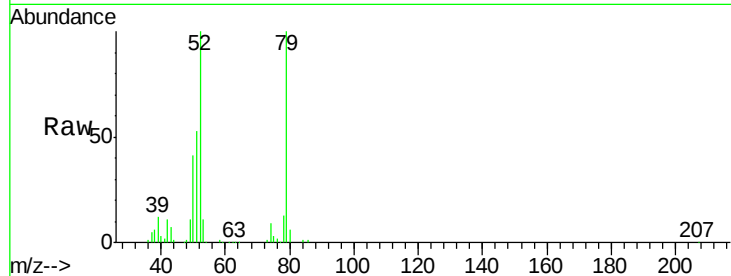
Tot Ion: 79 Resp: 334199

Ion Ratio Lower Upper

79 100

52 99.9 55.9 83.9#

51 53.4 28.1 42.1#



#4

n-Nitrosodimethylamine

Concen: 37.50 ng

RT: 2.60 min Scan# 89

Delta R.T. -0.06 min

Lab File: BF087240.D

Acq: 20 May 2016 22:53

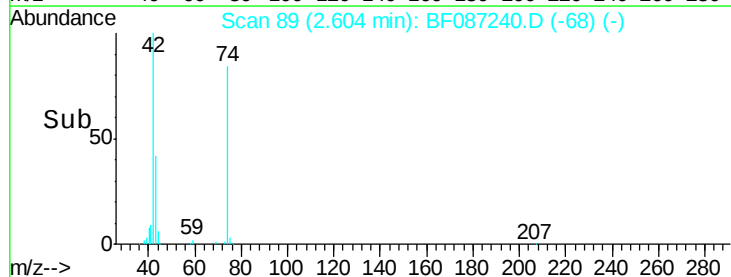
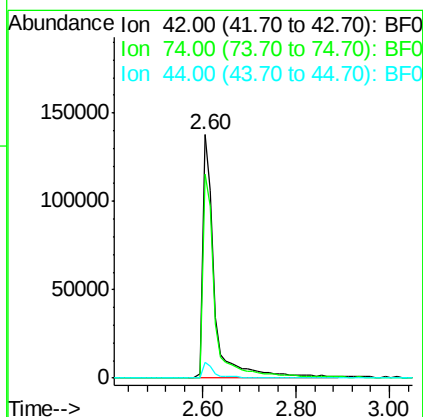
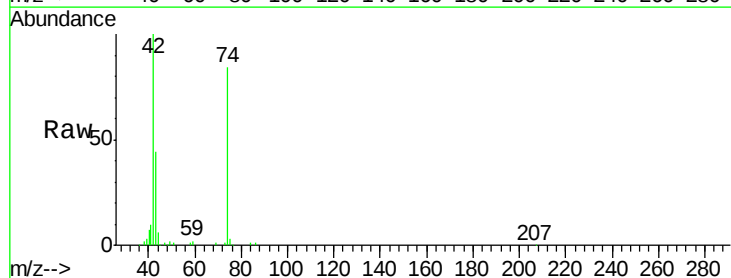
Tgt Ion: 42 Resp: 249523

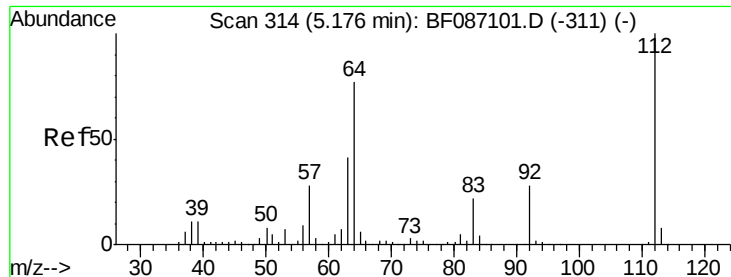
Ion Ratio Lower Upper

42 100

74 83.8 123.4 185.0#

44 6.5 5.8 8.6





#5

2-Fluorophenol

Concen: 121.94 ng

RT: 5.14 min Scan# 311

Delta R.T. -0.06 min

Lab File: BF087240.D

Acq: 20 May 2016 22:53

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PB90703BSD

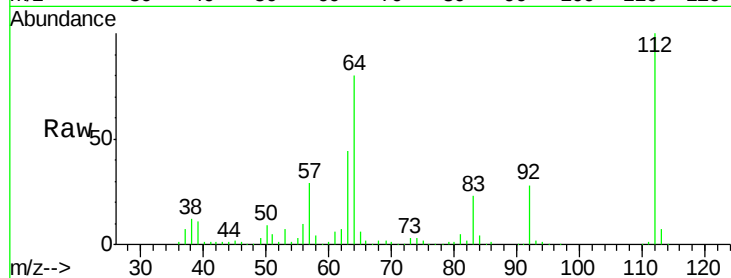
Tot Ion:112 Resp: 920016

Ion Ratio Lower Upper

112 100

64 80.2 52.1 78.1#

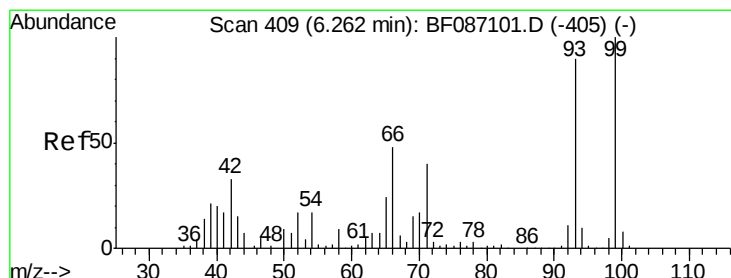
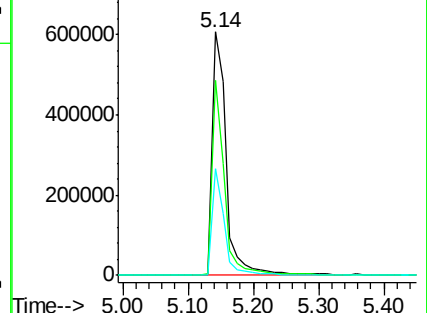
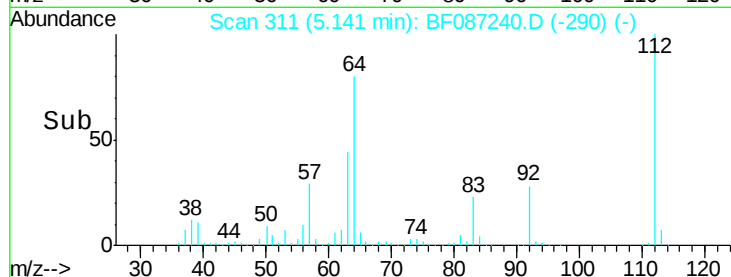
63 43.8 25.7 38.5#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 20.54 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.05 min

Lab File: BF087240.D

Acq: 20 May 2016 22:53

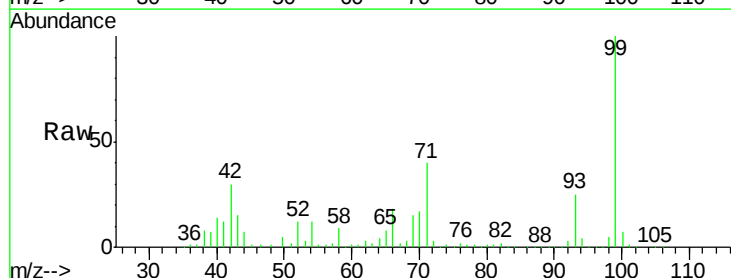
Tgt Ion: 93 Resp: 263970

Ion Ratio Lower Upper

93 100

66 74.2 39.0 58.6#

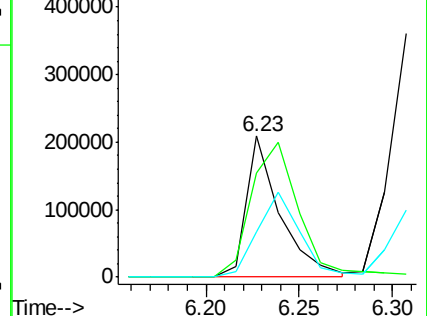
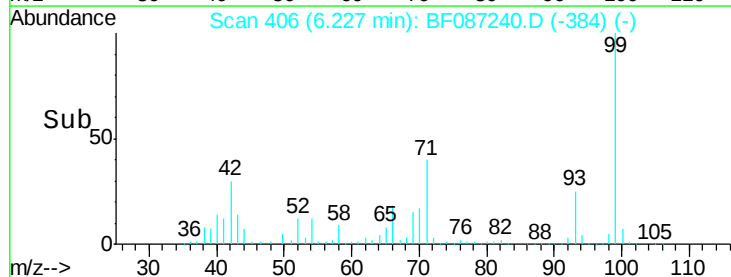
65 32.1 20.6 31.0#

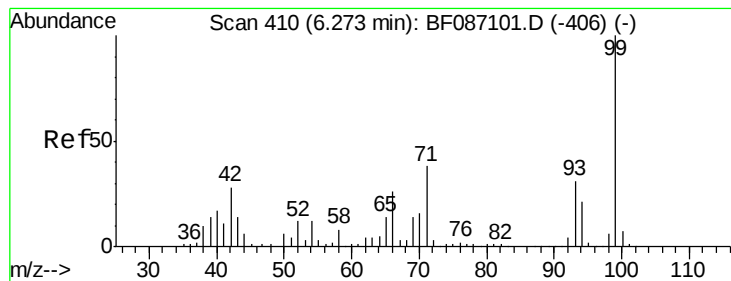


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 122.31 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.06 min

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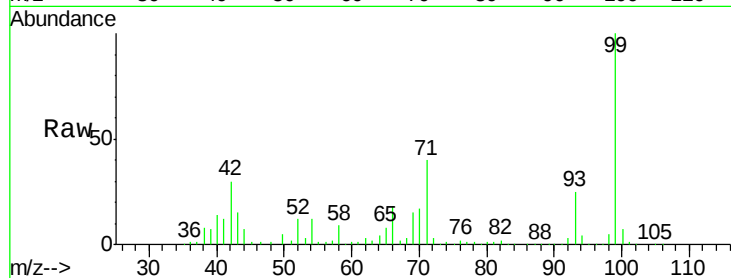
Tot Ion: 99 Resp: 1237733

Ion Ratio Lower Upper

99 100

42 30.4 13.6 20.4#

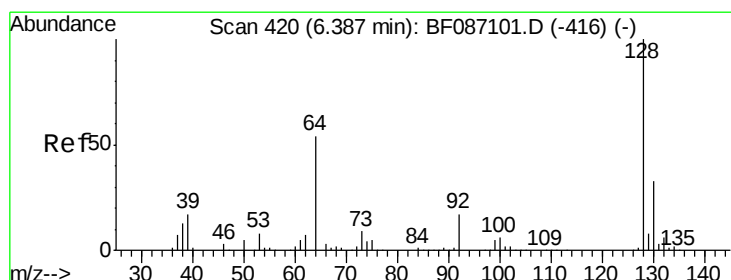
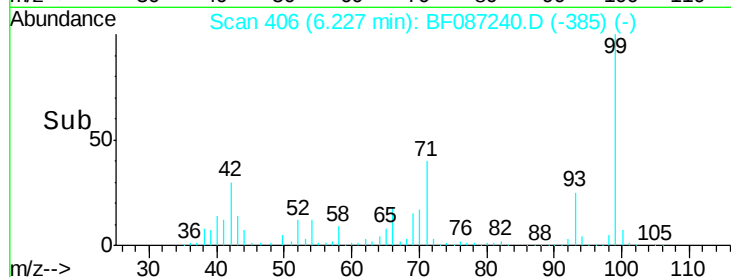
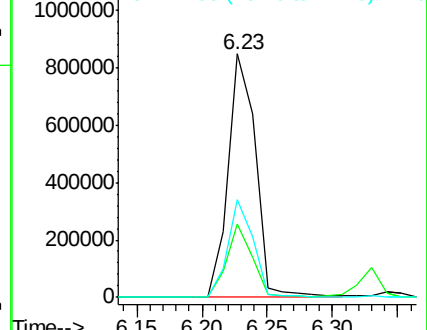
71 40.2 24.6 36.8#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.68 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.06 min

Lab File: BF087240.D

Acq: 20 May 2016 22:53

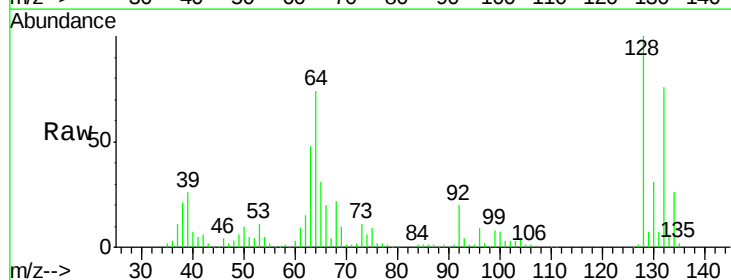
Tgt Ion:128 Resp: 364283

Ion Ratio Lower Upper

128 100

130 31.4 12.5 52.5

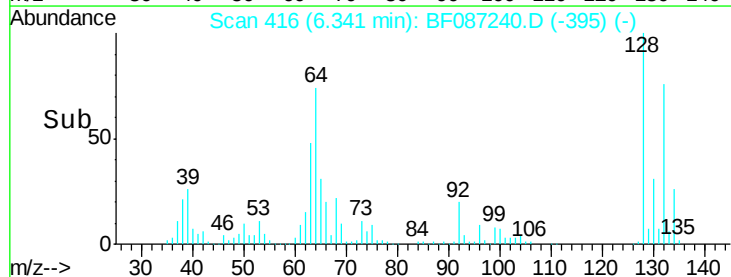
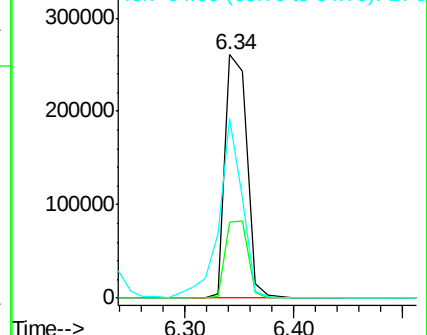
64 73.5 27.3 67.3#

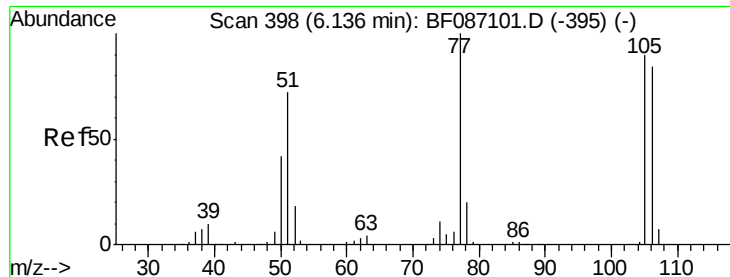


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 8.80 ng

RT: 6.11 min Scan# 396

Delta R.T. -0.03 min

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Acq: 20 May 2016 22:53

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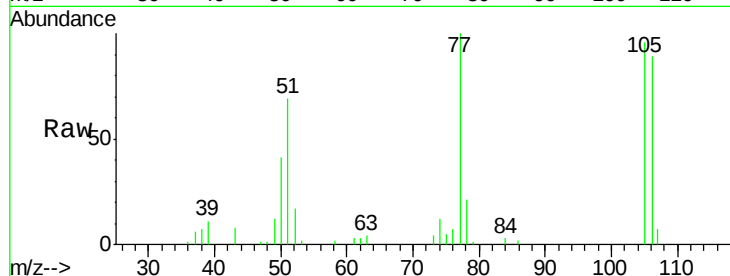
Tot Ion: 77 Resp: 60300

Ion Ratio Lower Upper

77 100

105 96.4 72.7 112.7

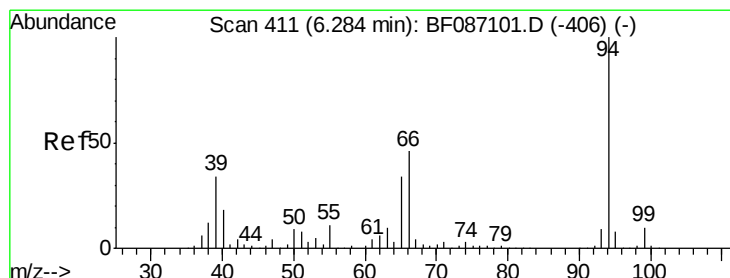
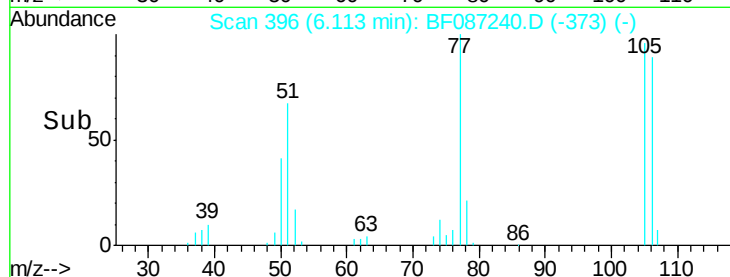
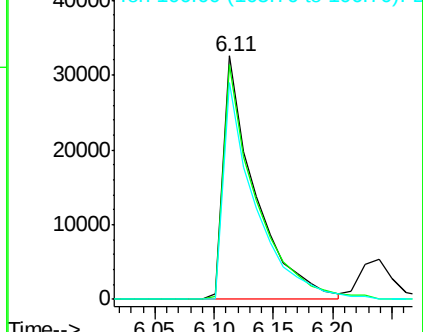
106 89.2 70.8 110.8



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: 34.15 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.06 min

Lab File: BF087240.D

Acq: 20 May 2016 22:53

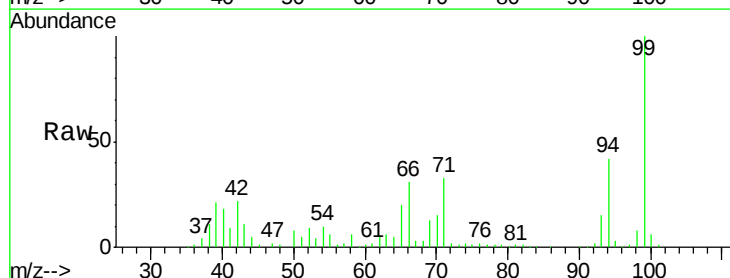
Tgt Ion: 94 Resp: 434465

Ion Ratio Lower Upper

94 100

65 47.3 7.2 47.2#

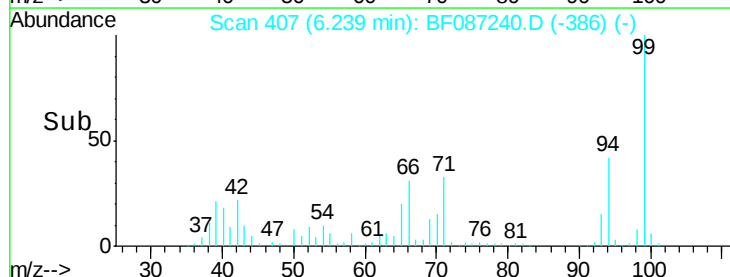
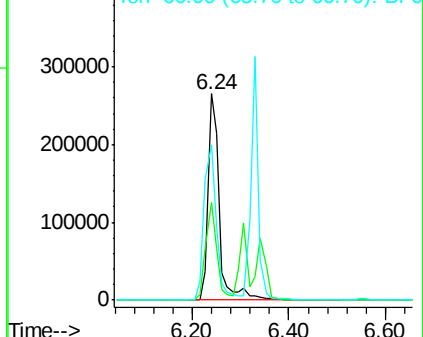
66 75.3 14.9 54.9#

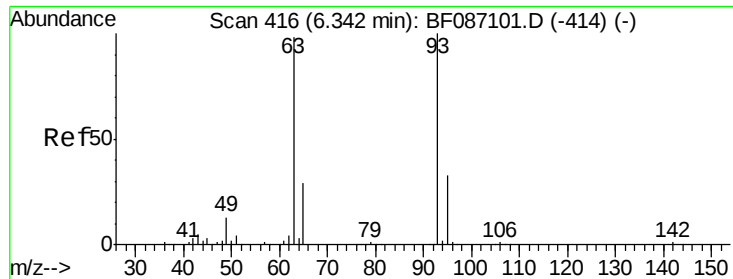


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 39.91 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.05 min

Lab File: BF087240.D

Acq: 20 May 2016 22:53

Instrument :

BNA_F

ClientSampleId :

PB90703BSD

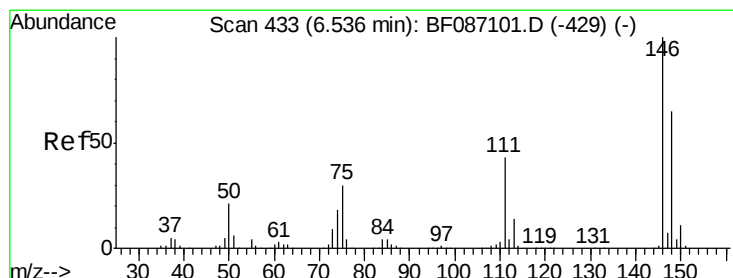
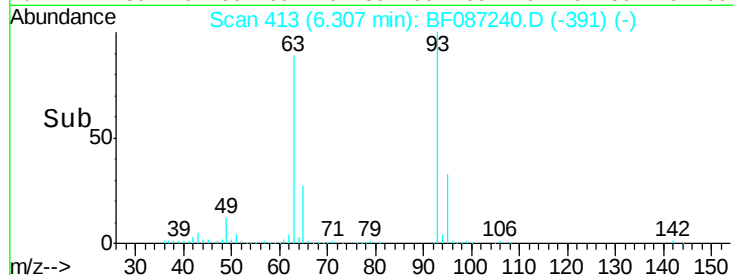
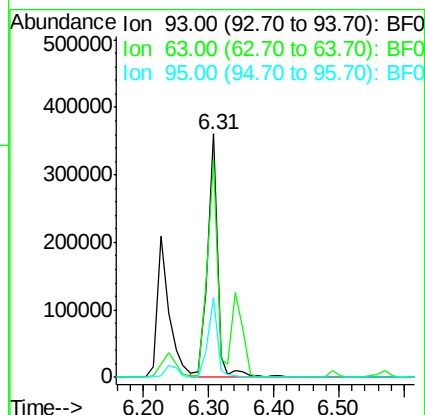
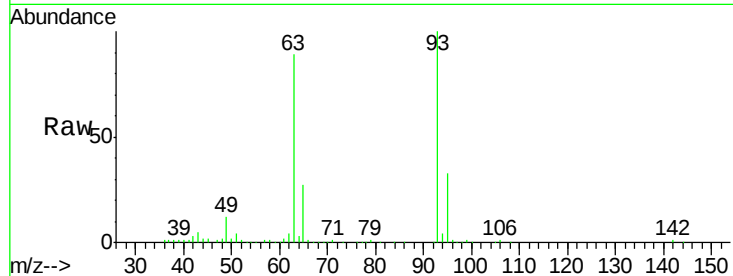
Tot Ion: 93 Resp: 381231

Ion Ratio Lower Upper

93 100

63 89.3 58.0 98.0

95 32.7 11.9 51.9



#12

1,3-Dichlorobenzene

Concen: 36.98 ng m

RT: 6.49 min Scan# 429

Delta R.T. -0.06 min

Lab File: BF087240.D

Acq: 20 May 2016 22:53

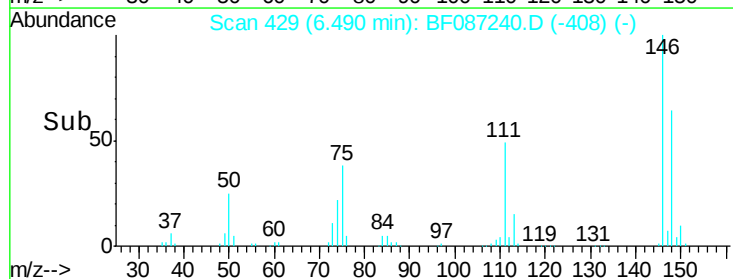
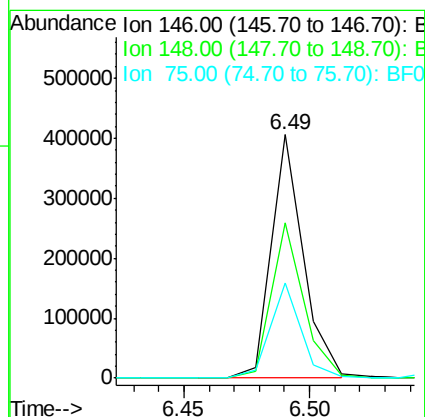
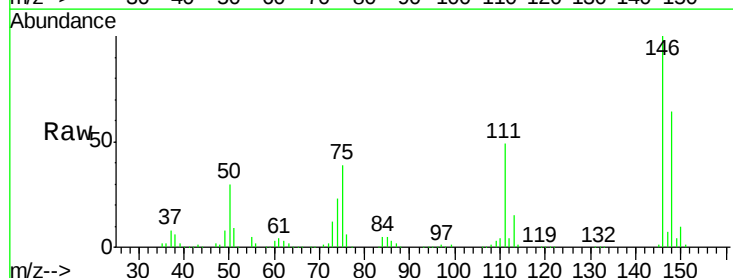
Tgt Ion: 146 Resp: 360899

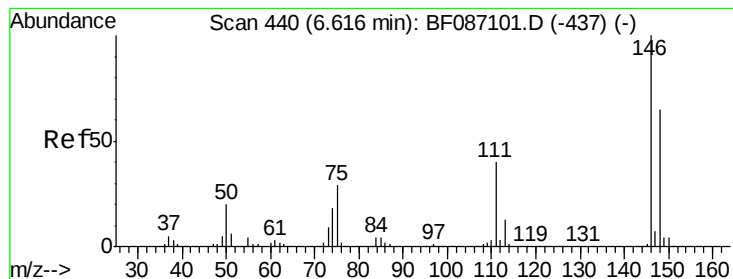
Ion Ratio Lower Upper

146 100

148 64.0 52.4 78.6

75 38.9 22.8 34.2#





#13

1,4-Dichlorobenzene

Concen: 37.57 ng/mL

RT: 6.57 min Scan# 436

Delta R.T. -0.06 min

Lab File: BF087240.D

Acq: 20 May 2016 22:53

Instrument :

BNA_F

ClientSampleID :

PB90703BSD

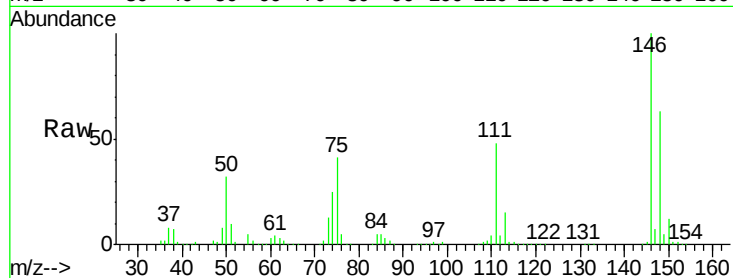
Tot Ion:146 Resp: 375071

Ion Ratio Lower Upper

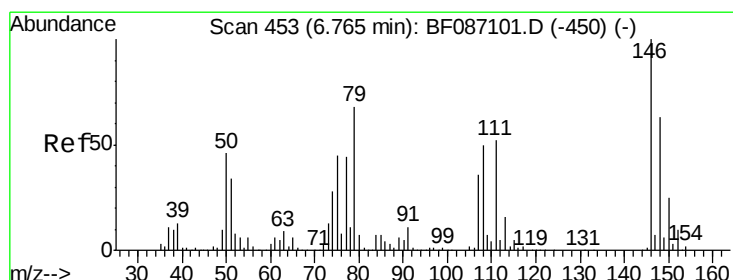
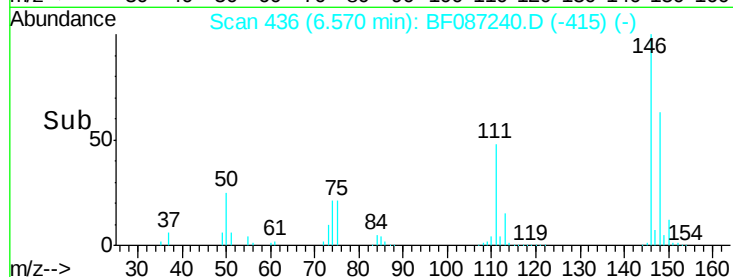
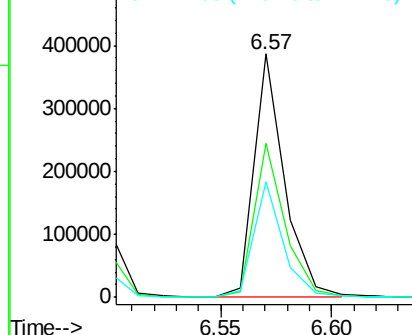
146 100

148 63.2 52.2 78.4

111 47.7 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: 38.08 ng/mL

RT: 6.73 min Scan# 450

Delta R.T. -0.05 min

Lab File: BF087240.D

Acq: 20 May 2016 22:53

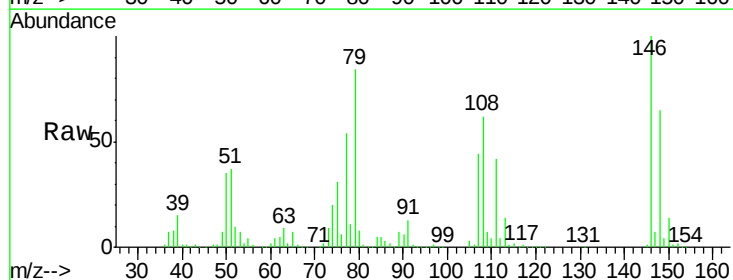
Tgt Ion:146 Resp: 332870

Ion Ratio Lower Upper

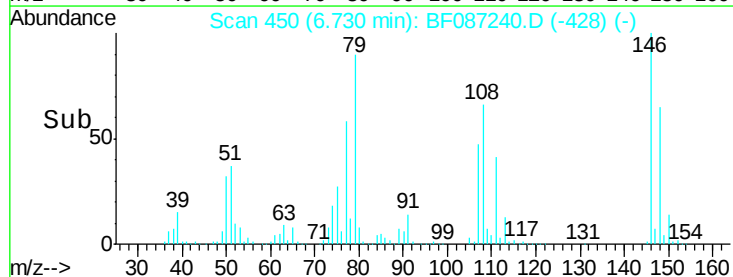
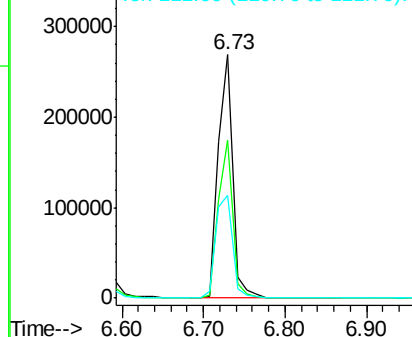
146 100

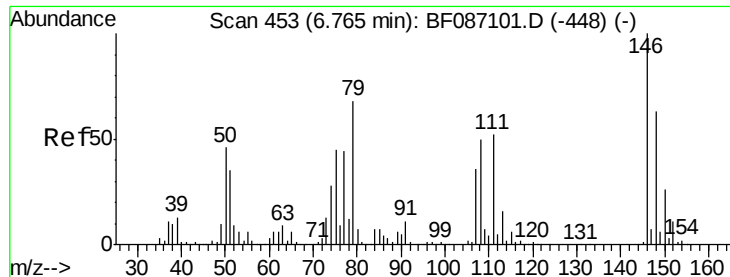
148 64.7 51.0 76.6

111 42.4 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: 45.12 ng

RT: 6.73 min Scan# 450

Delta R.T. -0.05 min

Lab File: BF087240.D

Acq: 20 May 2016 22:53

Instrument :

BNA_F

ClientSampleID :

PB90703BSD

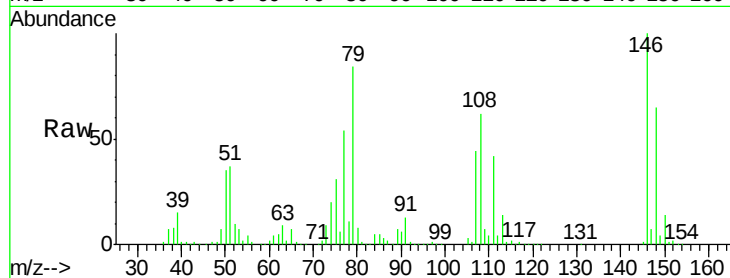
Tot Ion: 79 Resp: 339924

Ion Ratio Lower Upper

79 100

108 73.5 68.4 102.6

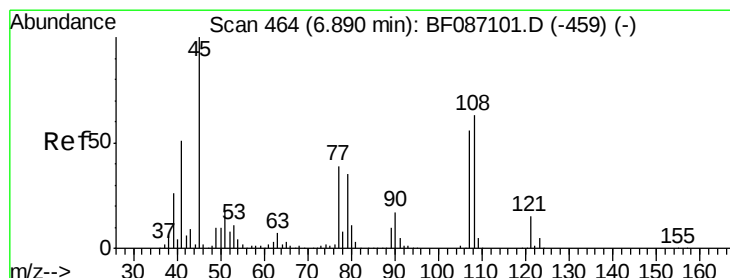
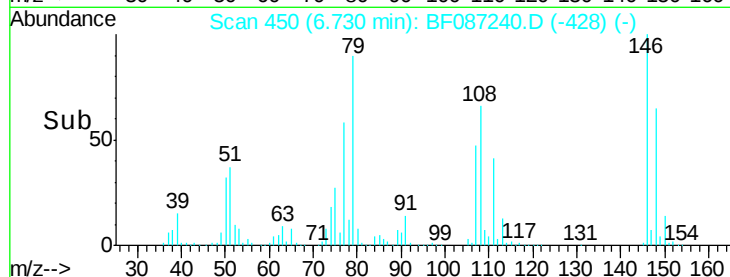
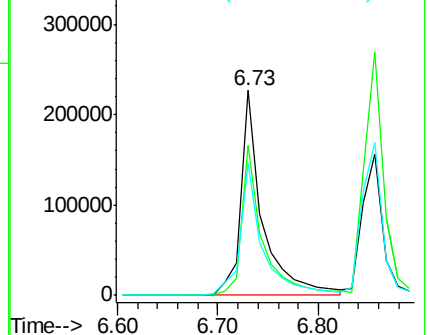
77 64.6 50.6 76.0



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: 36.77 ng

RT: 6.86 min Scan# 461

Delta R.T. -0.05 min

Lab File: BF087240.D

Acq: 20 May 2016 22:53

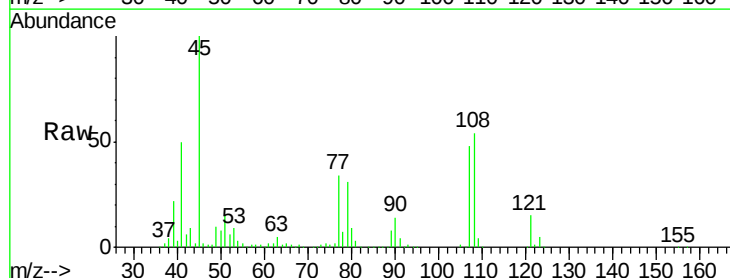
Tgt Ion: 45 Resp: 722073

Ion Ratio Lower Upper

45 100

77 33.9 0.0 36.4

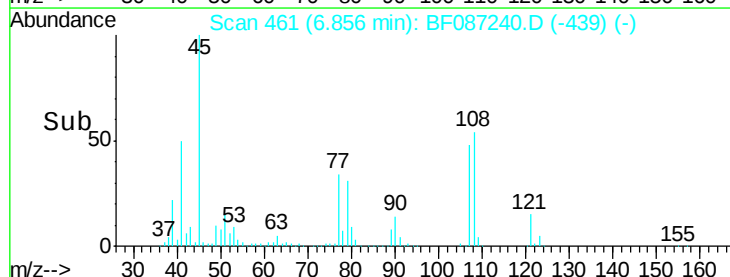
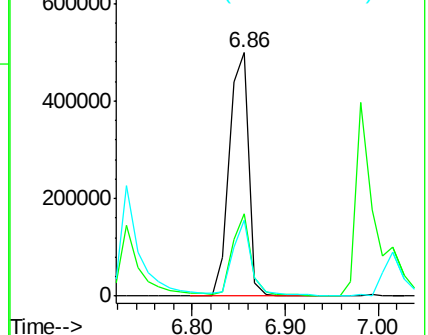
79 31.2 0.0 33.4

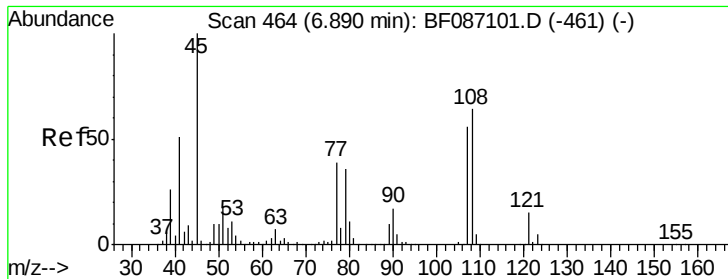


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 42.29 ng

RT: 6.86 min Scan# 461

Delta R.T. -0.05 min

Lab File: BF087240.D

Acq: 20 May 2016 22:53

Instrument :

BNA_F

ClientSampleId :

PB90703BSD

Tot Ion:107 Resp: 318815

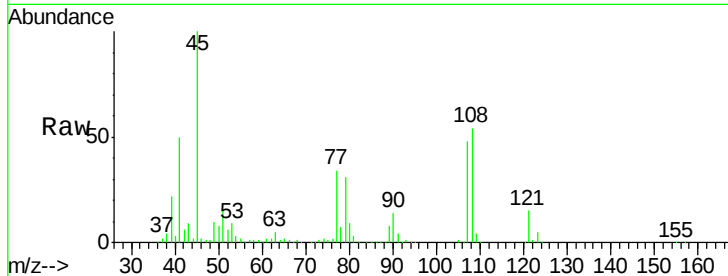
Ion Ratio Lower Upper

107 100

108 111.6 93.7 140.5

77 70.0 33.4 50.0#

79 64.6 34.3 51.5#

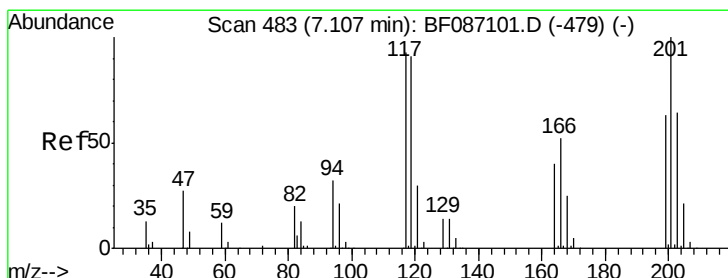
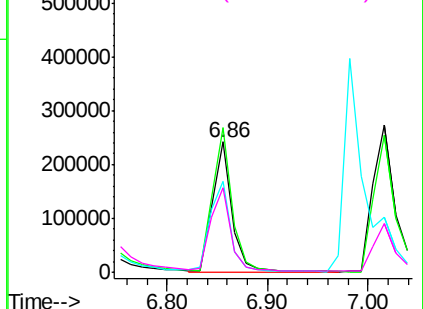
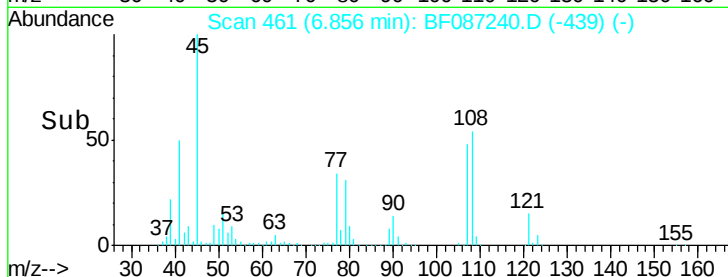


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 38.25 ng

RT: 7.06 min Scan# 479

Delta R.T. -0.06 min

Lab File: BF087240.D

Acq: 20 May 2016 22:53

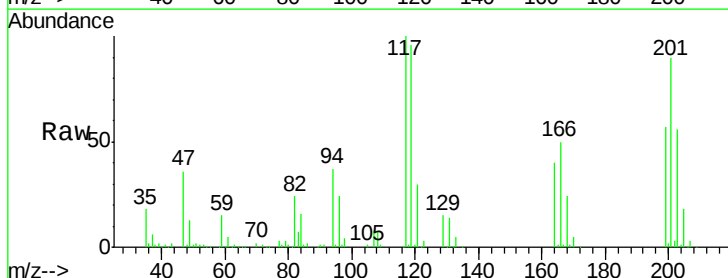
Tgt Ion:117 Resp: 145983

Ion Ratio Lower Upper

117 100

119 95.8 76.5 114.7

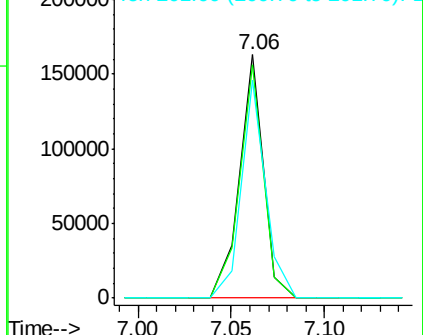
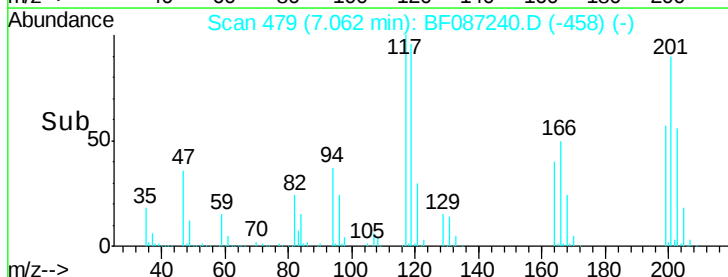
201 89.6 63.0 94.6



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

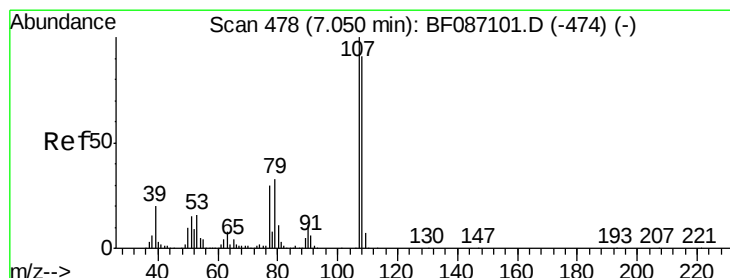
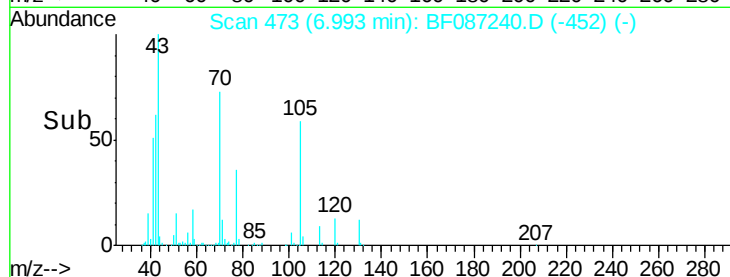
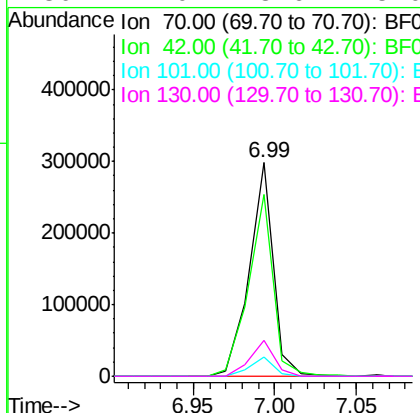
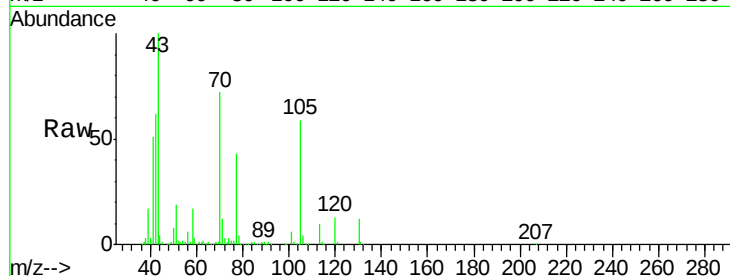




#19
n-Nitroso-di-n-propylamine
Concen: 39.57 ng
RT: 6.99 min Scan# 473
Delta R.T. -0.06 min
Lab File: BF087240.D
Acq: 20 May 2016 22:53

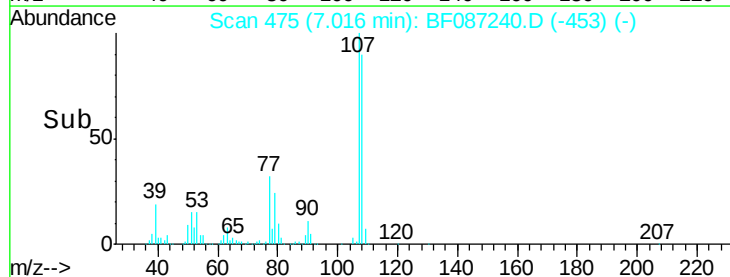
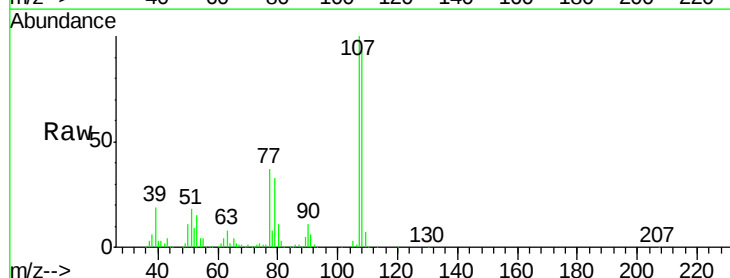
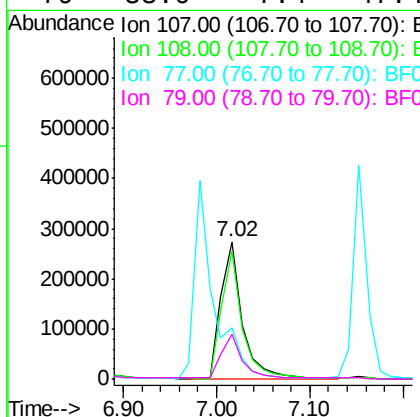
Instrument :
BNA_F
ClientSampleId :
PB90703BSD

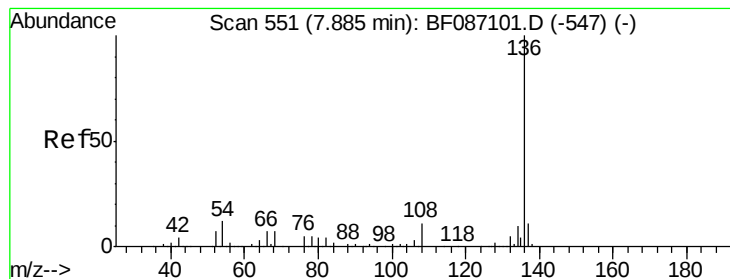
Tot Ion: 70 Resp: 304393
Ion Ratio Lower Upper
70 100
42 85.3 43.1 64.7#
101 8.7 8.1 12.1
130 17.0 18.6 28.0#



#20
3+4-Methylphenols
Concen: 43.87 ng
RT: 7.02 min Scan# 475
Delta R.T. -0.05 min
Lab File: BF087240.D
Acq: 20 May 2016 22:53

Tgt Ion: 107 Resp: 436248
Ion Ratio Lower Upper
107 100
108 93.1 68.5 108.5
77 37.1 101.6 141.6#
79 33.0 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: BF087240.D

Acq: 20 May 2016 22:53

Instrument :

BNA_F

ClientSampleId :

PB90703BSD

Tot Ion:136 Resp: 546305

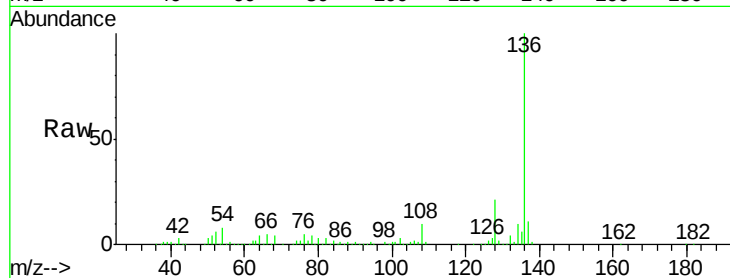
Ion Ratio Lower Upper

136 100

137 10.5 8.8 13.2

54 8.4 5.0 7.4#

68 4.4 4.4 6.6

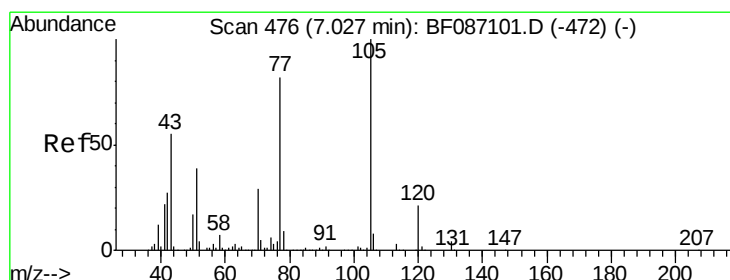
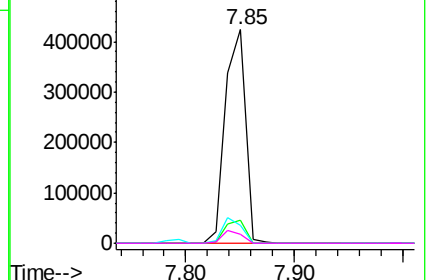
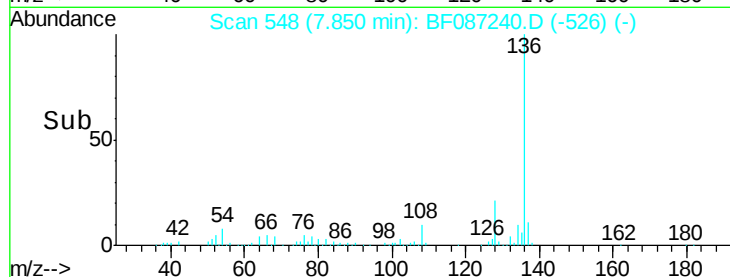


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.24 ng

RT: 6.98 min Scan# 472

Delta R.T. -0.06 min

Lab File: BF087240.D

Acq: 20 May 2016 22:53

Tgt Ion:105 Resp: 538030

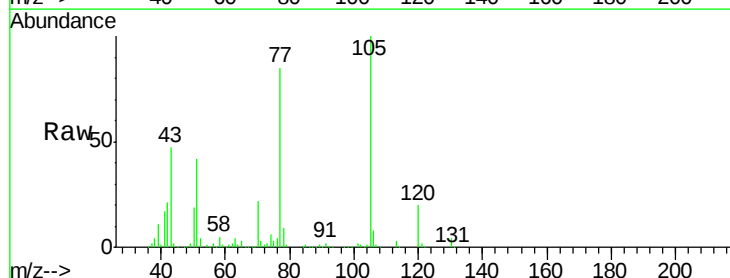
Ion Ratio Lower Upper

105 100

71 3.4 4.8 7.2#

51 42.3 32.6 49.0

120 20.3 16.5 24.7

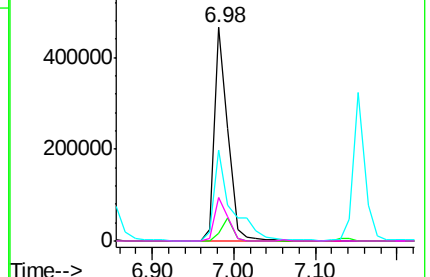
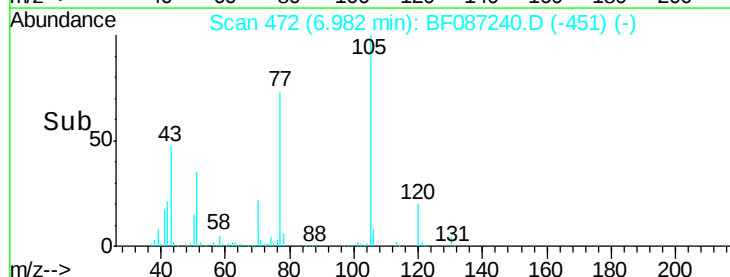


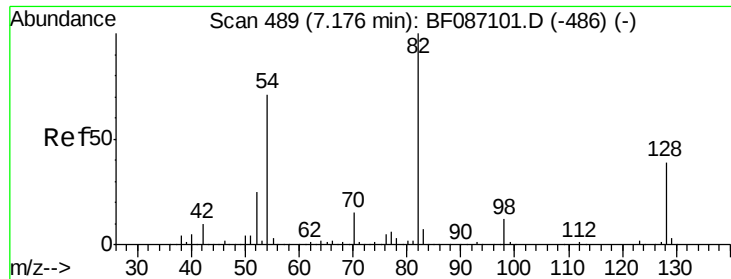
Abundance Ion 105.00 (104.70 to 105.70): E

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

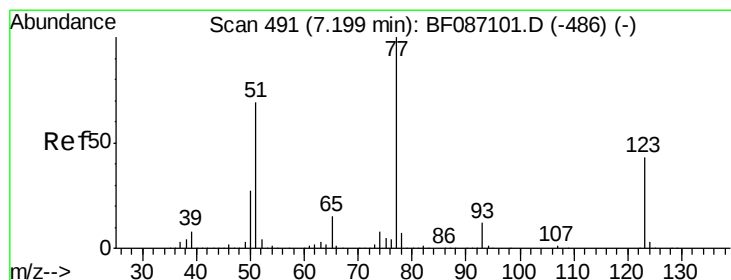
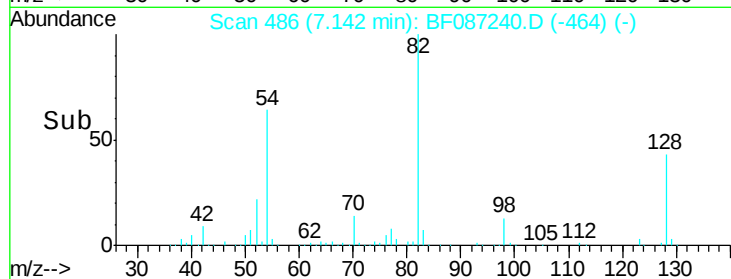
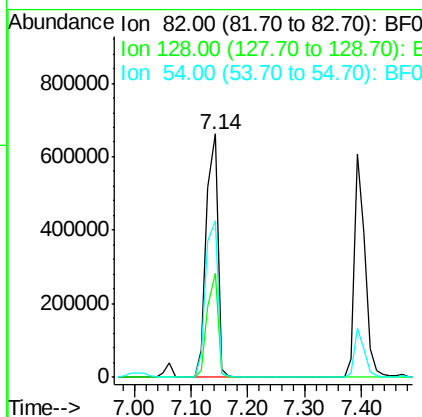
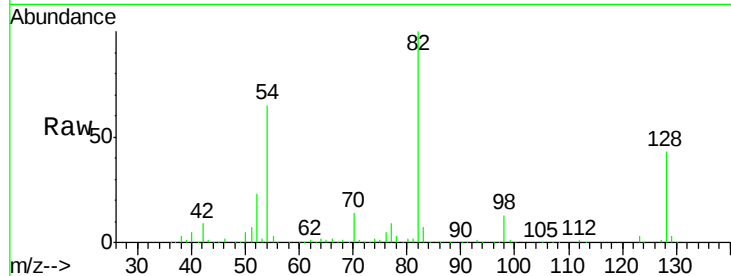




#23
 Nitrobenzene-d5
 Concen: 81.08 ng
 RT: 7.14 min Scan# 486
 Delta R.T. -0.05 min
 Lab File: BF087240.D
 Acq: 20 May 2016 22:53

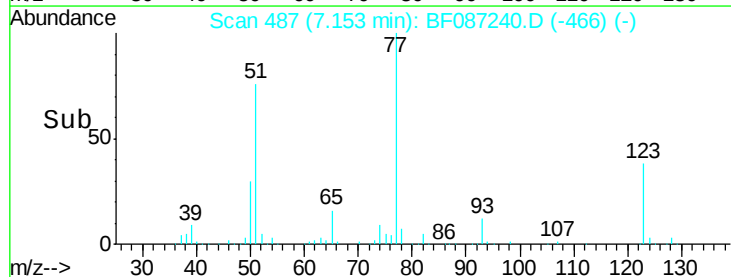
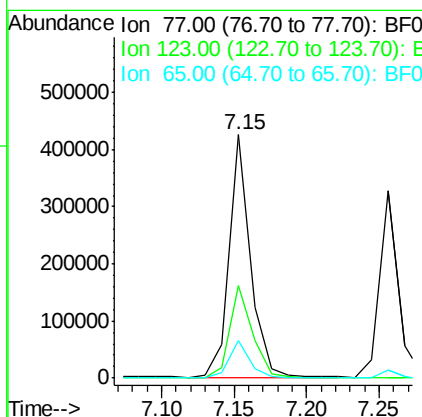
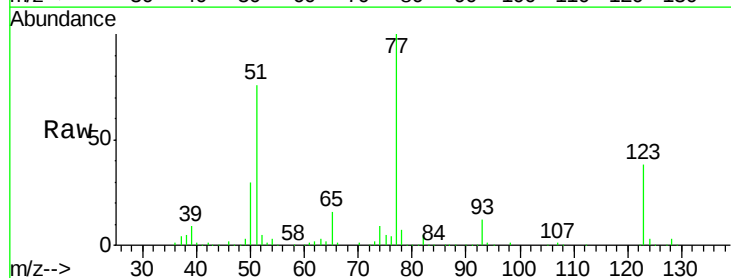
Instrument :
 BNA_F
 ClientSampleId :
 PB90703BSD

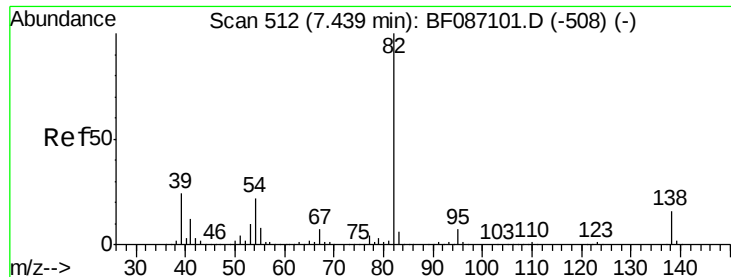
Tot Ion	82	Resp	888718
Ion Ratio	100	Lower	Upper
128	43.0	40.6	61.0
54	64.6	38.1	57.1#



#24
 Nitrobenzene
 Concen: 35.96 ng
 RT: 7.15 min Scan# 487
 Delta R.T. -0.06 min
 Lab File: BF087240.D
 Acq: 20 May 2016 22:53

Tgt Ion	77	Resp	430430
Ion Ratio	100	Lower	Upper
123	38.2	33.0	49.4
65	15.6	10.8	16.2





#25

Isophorone

Concen: 39.69 ng

RT: 7.39 min Scan# 508

Delta R.T. -0.06 min

Lab File: BF087240.D

Acq: 20 May 2016 22:53

Instrument :

BNA_F

ClientSampleId :

PB90703BSD

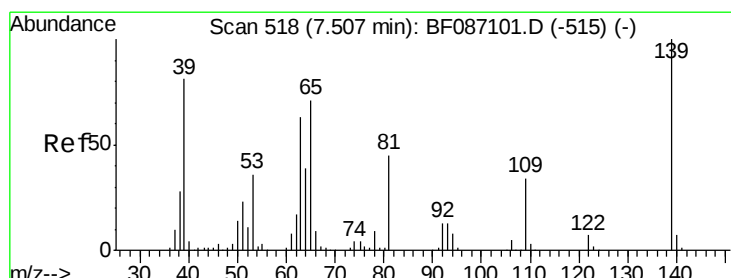
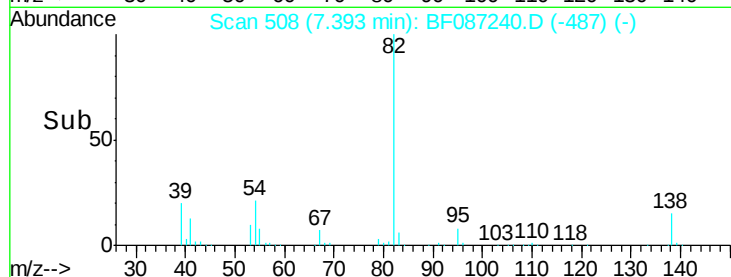
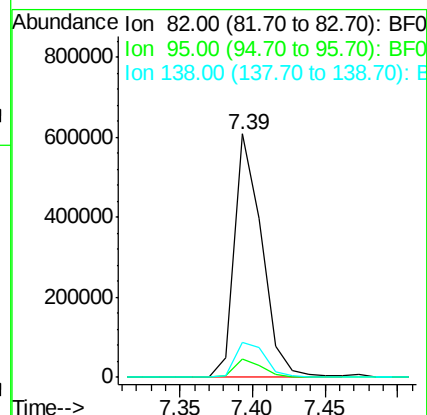
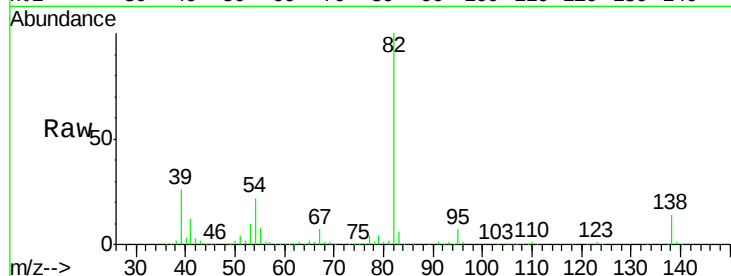
Tot Ion: 82 Resp: 796499

Ion Ratio Lower Upper

82 100

95 7.4 5.1 7.7

138 14.4 12.4 18.6



#26

2-Nitrophenol

Concen: 41.54 ng

RT: 7.47 min Scan# 515

Delta R.T. -0.05 min

Lab File: BF087240.D

Acq: 20 May 2016 22:53

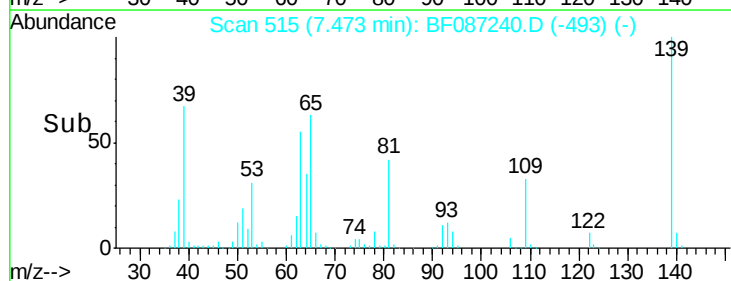
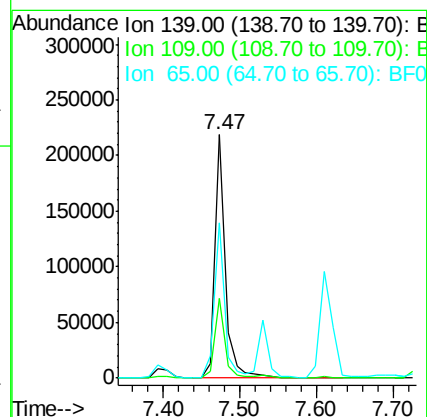
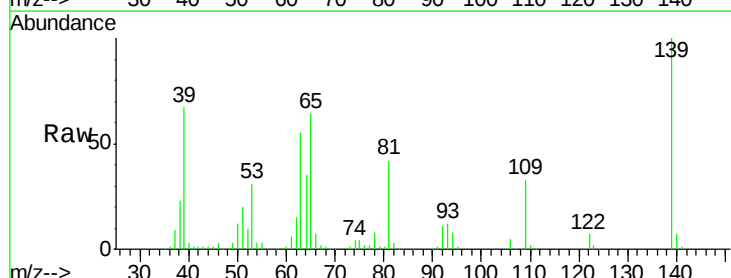
Tgt Ion: 139 Resp: 205936

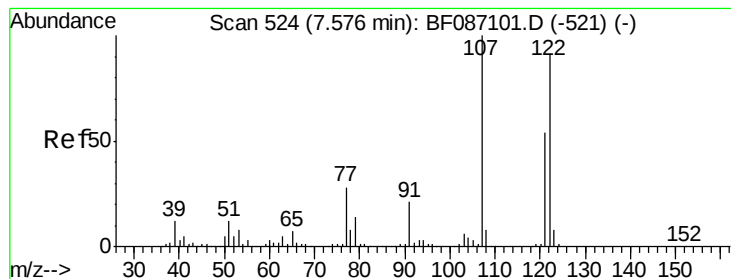
Ion Ratio Lower Upper

139 100

109 32.6 19.5 29.3#

65 63.5 37.5 56.3#





#27

2,4-Dimethylphenol

Concen: 40.13 ng

RT: 7.53 min Scan# 520

Delta R.T. -0.06 min

Lab File: BF087240.D

Acq: 20 May 2016 22:53

Instrument :

BNA_F

ClientSampleId :

PB90703BSD

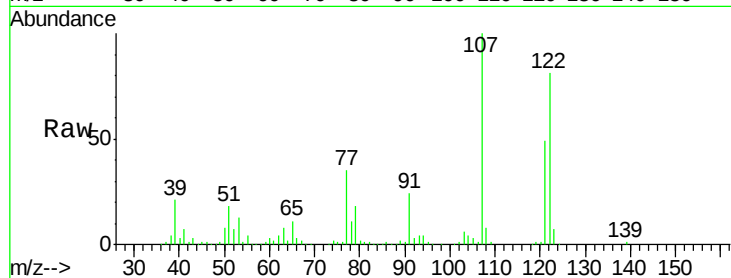
Tot Ion:122 Resp: 339541

Ion Ratio Lower Upper

122 100

107 123.1 82.0 123.0#

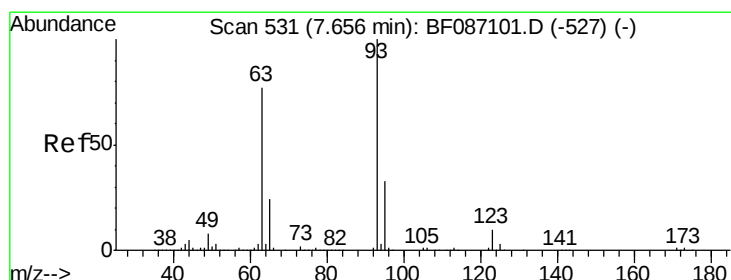
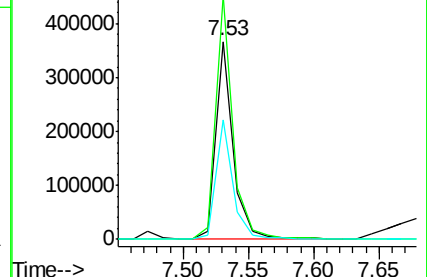
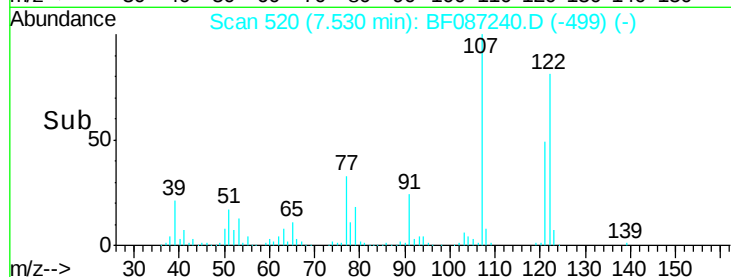
121 60.1 46.1 69.1



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: 41.23 ng

RT: 7.61 min Scan# 527

Delta R.T. -0.06 min

Lab File: BF087240.D

Acq: 20 May 2016 22:53

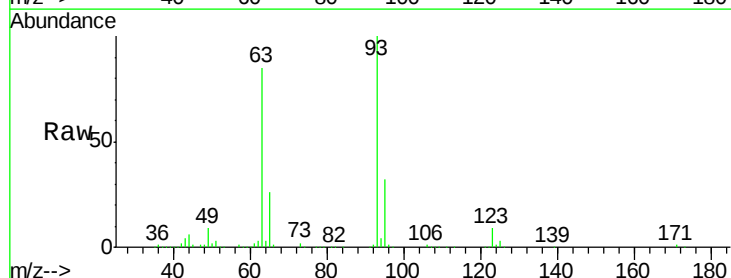
Tgt Ion: 93 Resp: 454201

Ion Ratio Lower Upper

93 100

95 32.2 26.0 39.0

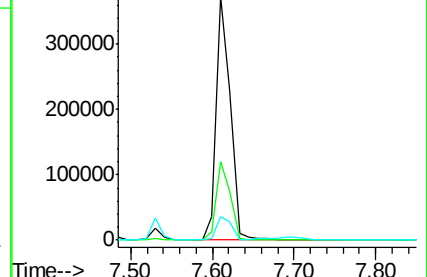
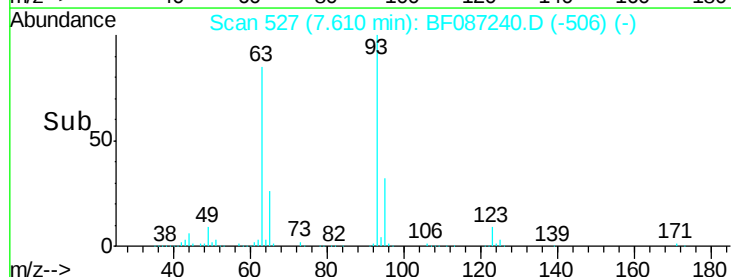
123 9.5 9.5 14.3#

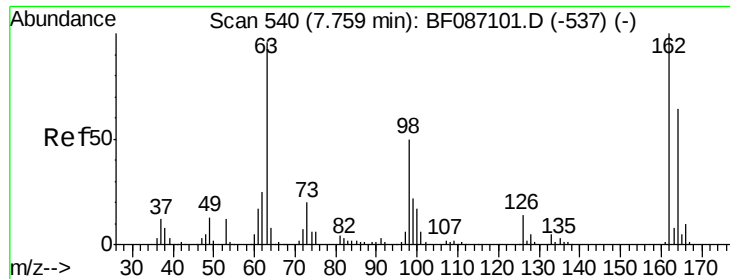


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

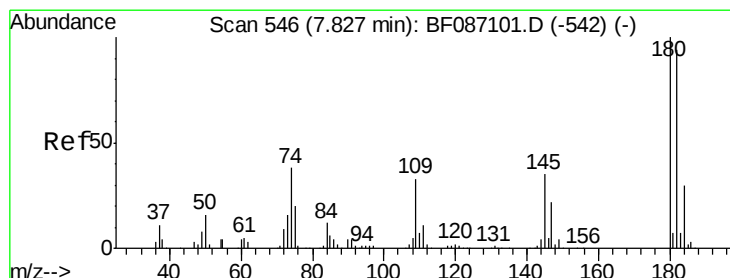
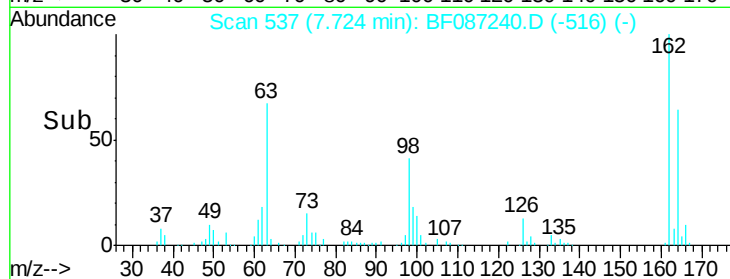
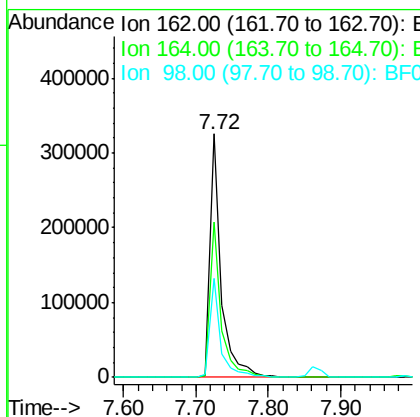
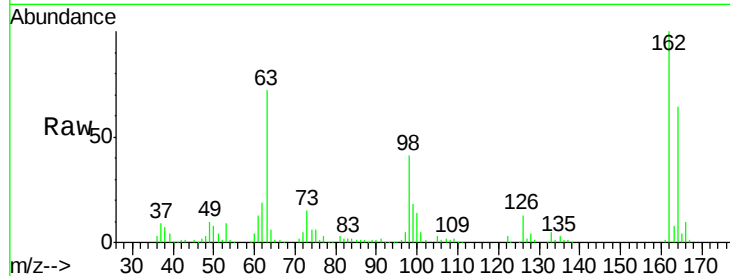




#29
 2,4-Dichlorophenol
 Concen: 46.52 ng
 RT: 7.72 min Scan# 537
 Delta R.T. -0.06 min
 Lab File: BF087240.D
 Acq: 20 May 2016 22:53

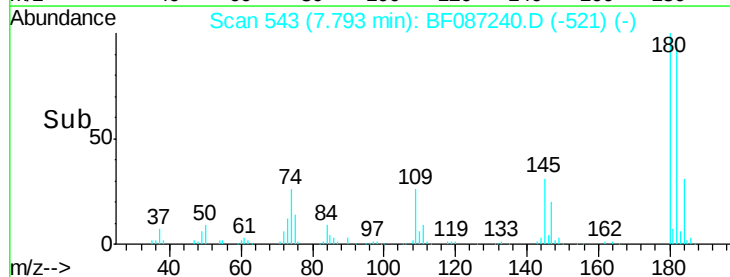
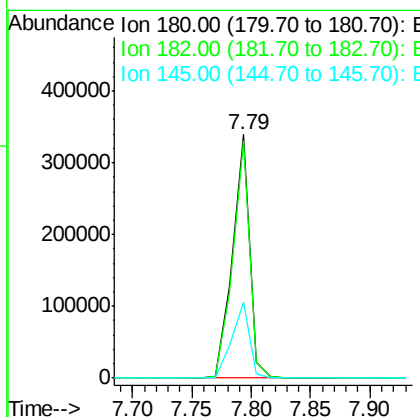
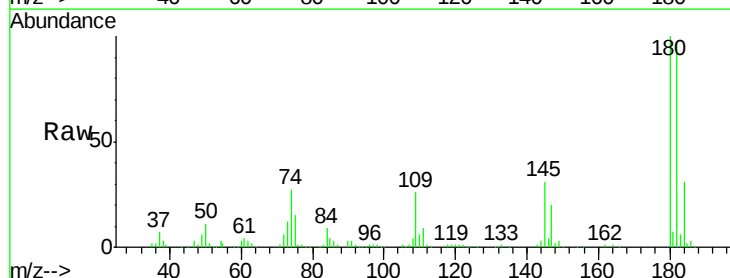
Instrument :
 BNA_F
 ClientSampleId :
 PB90703BSD

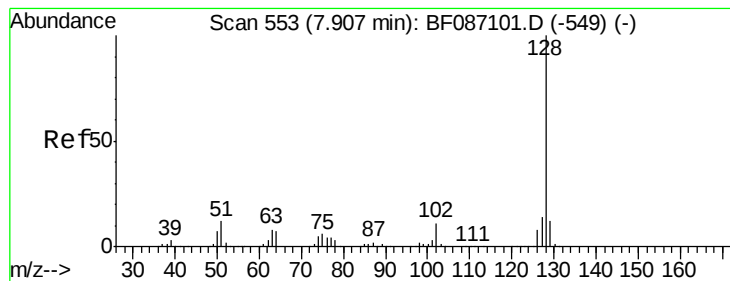
Tot Ion:162 Resp: 346822
 Ion Ratio Lower Upper
 162 100
 164 63.8 42.2 82.2
 98 40.7 19.0 59.0



#30
 1,2,4-Trichlorobenzene
 Concen: 40.93 ng
 RT: 7.79 min Scan# 543
 Delta R.T. -0.05 min
 Lab File: BF087240.D
 Acq: 20 May 2016 22:53

Tgt Ion:180 Resp: 338658
 Ion Ratio Lower Upper
 180 100
 182 97.2 78.0 117.0
 145 31.2 24.2 36.2





#31

Naphthalene

Concen: 39.82 ng

RT: 7.86 min Scan# 549

Delta R.T. -0.06 min

Lab File: BF087240.D

Acq: 20 May 2016 22:53

Instrument :

BNA_F

ClientSampleId :

PB90703BSD

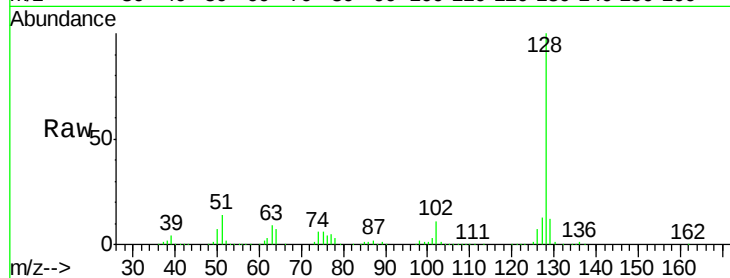
Tot Ion:128 Resp: 1062995

Ion Ratio Lower Upper

128 100

129 11.6 8.6 13.0

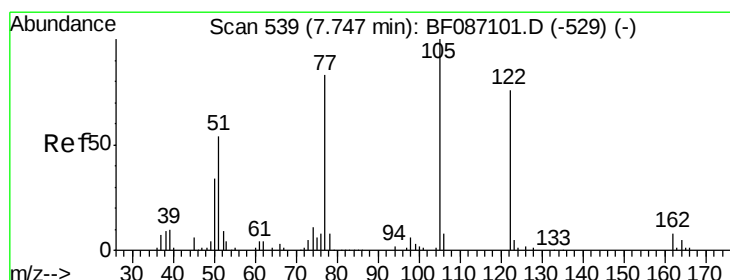
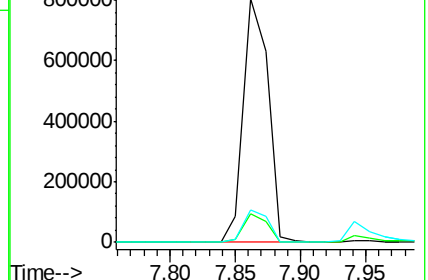
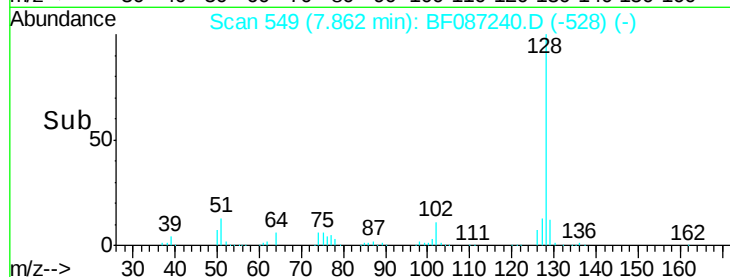
127 13.4 10.8 16.2



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: 37.21 ng

RT: 7.70 min Scan# 535

Delta R.T. -0.05 min

Lab File: BF087240.D

Acq: 20 May 2016 22:53

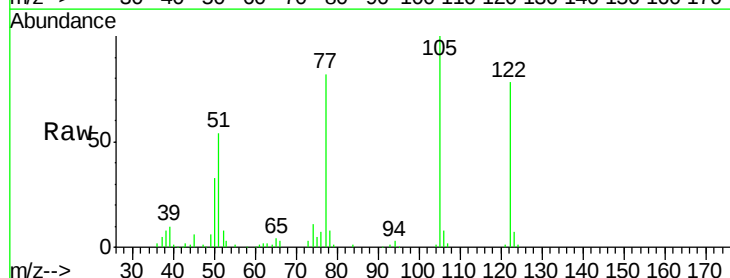
Tgt Ion:122 Resp: 187666

Ion Ratio Lower Upper

122 100

105 128.1 92.6 132.6

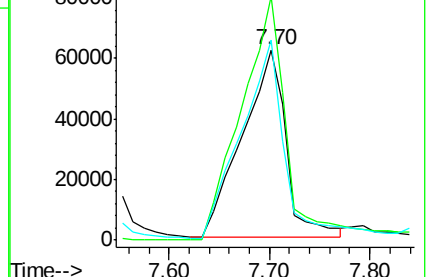
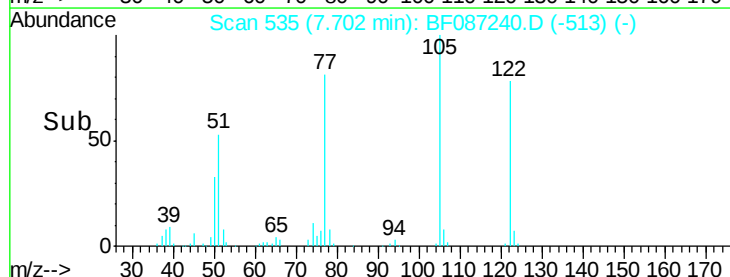
77 105.4 60.0 100.0#



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

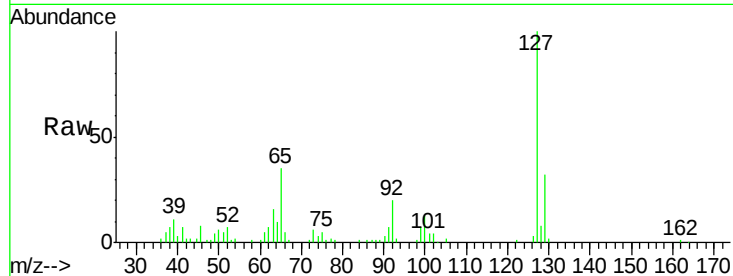




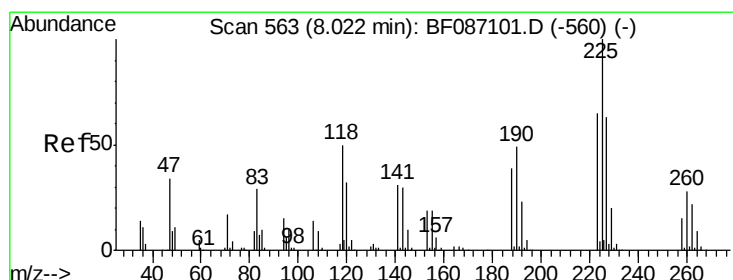
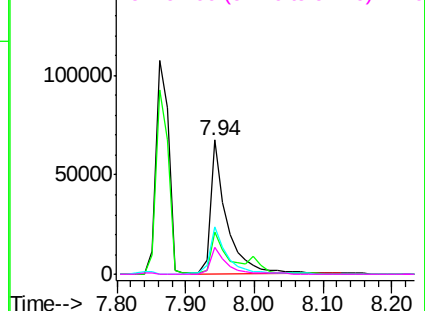
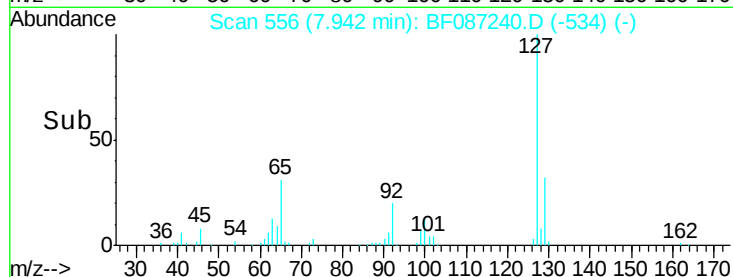
#33
4-Chloroaniline
Concen: 9.98 ng
RT: 7.94 min Scan# 556
Delta R.T. -0.05 min
Lab File: BF087240.D
Acq: 20 May 2016 22:53

Instrument :
BNA_F
ClientSampleId :
PB90703BSD

Tot Ion:	127	Resp:	110728
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.2	39.4
65	35.3	23.0	34.4#
92	19.8	15.1	22.7

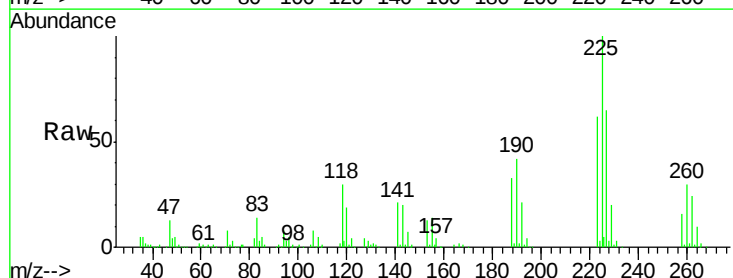


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

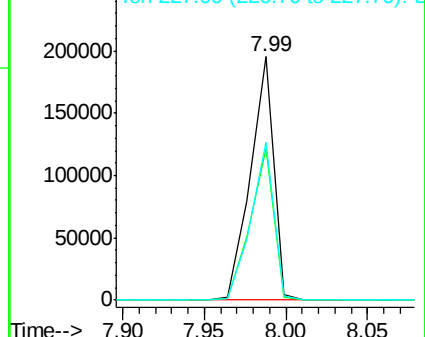
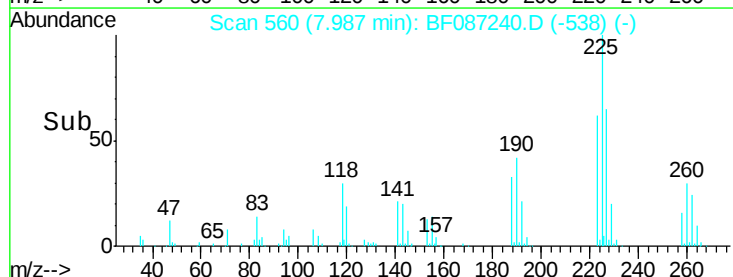


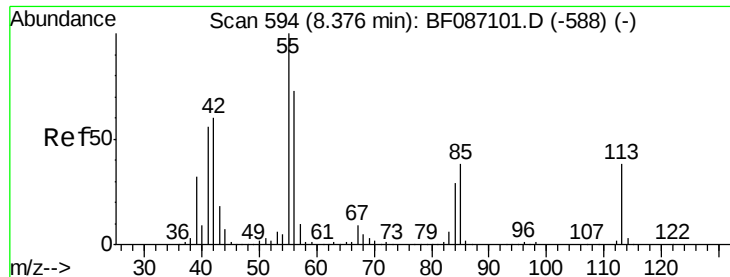
#34
Hexachlorobutadiene
Concen: 41.31 ng
RT: 7.99 min Scan# 560
Delta R.T. -0.05 min
Lab File: BF087240.D
Acq: 20 May 2016 22:53

Tgt Ion:	225	Resp:	193943
Ion	Ratio	Lower	Upper
225	100		
223	62.3	51.5	77.3
227	64.8	52.2	78.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 43.26 ng/ml

RT: 8.32 min Scan# 589

Delta R.T. -0.07 min

Lab File: BF087240.D

Acq: 20 May 2016 22:53

Instrument :

BNA_F

ClientSampleID :

PB90703BSD

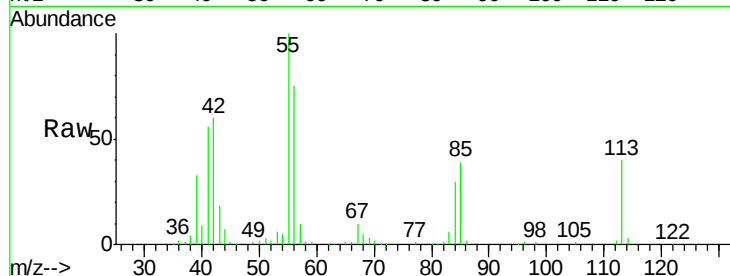
Tot Ion:113 Resp: 107400

Ion Ratio Lower Upper

113 100

55 249.3 162.0 202.0#

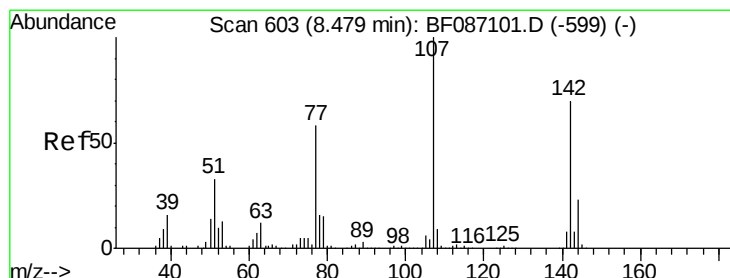
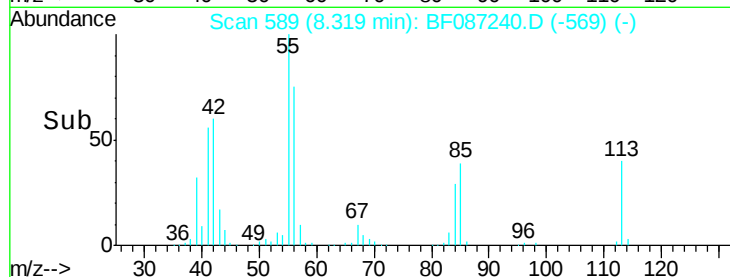
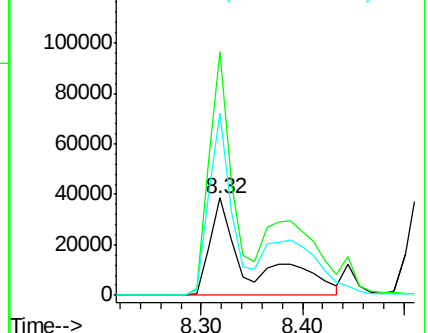
56 186.7 115.3 155.3#



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: 40.65 ng/ml

RT: 8.44 min Scan# 600

Delta R.T. -0.05 min

Lab File: BF087240.D

Acq: 20 May 2016 22:53

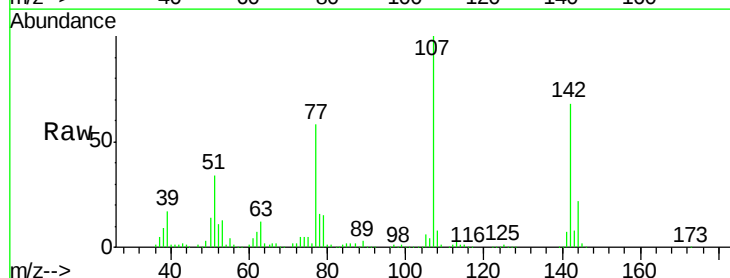
Tgt Ion:107 Resp: 365579

Ion Ratio Lower Upper

107 100

144 21.8 20.7 31.1

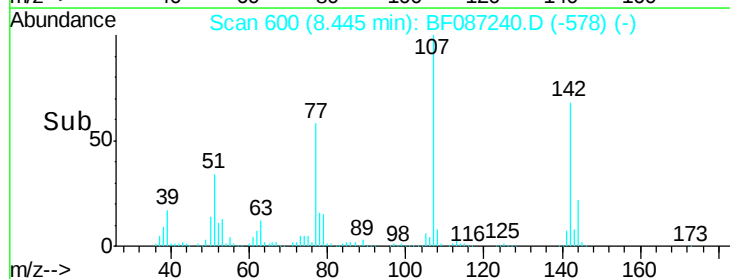
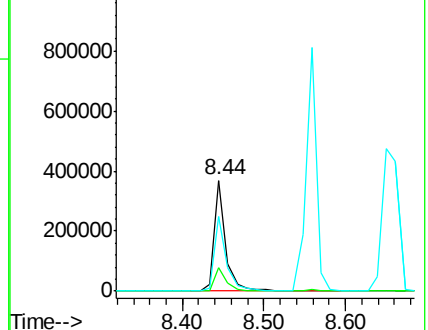
142 68.1 63.2 94.8

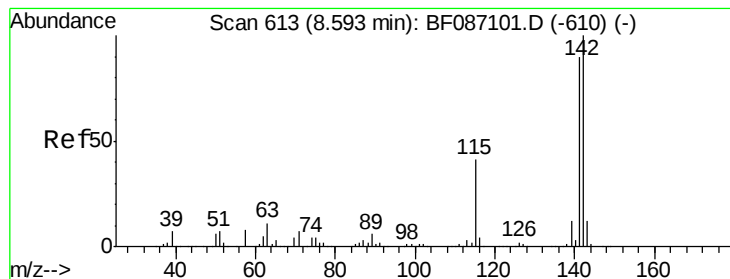


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

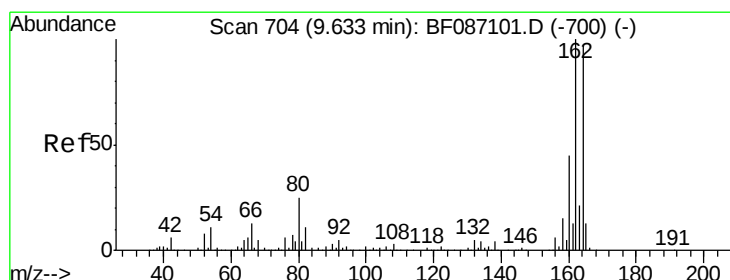
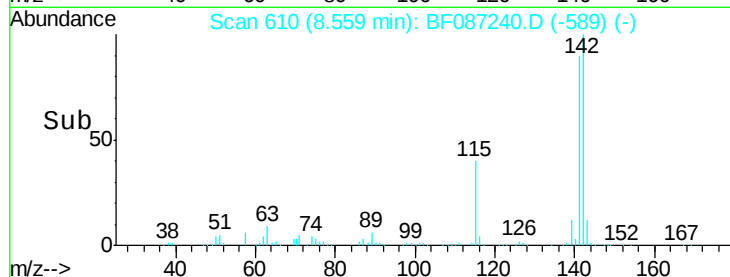
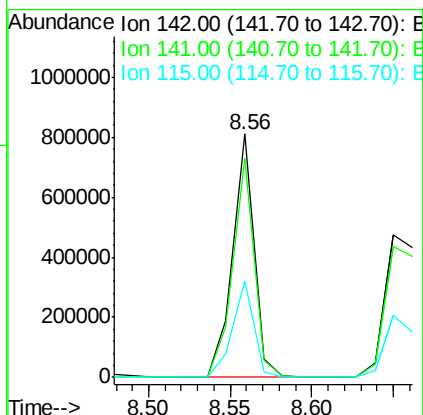
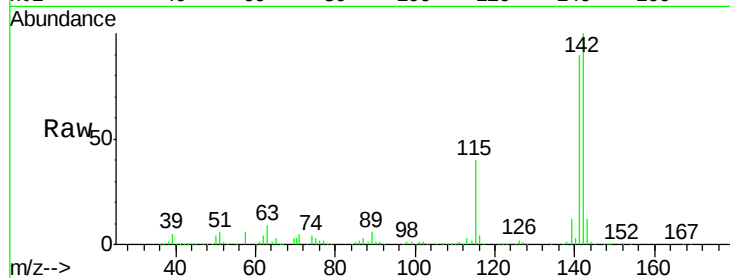




#37
2-Methylnaphthalene
Concen: 42.95 ng
RT: 8.56 min Scan# 610
Delta R.T. -0.06 min
Lab File: BF087240.D
Acq: 20 May 2016 22:53

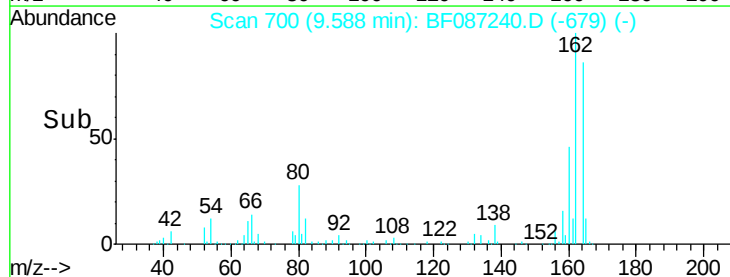
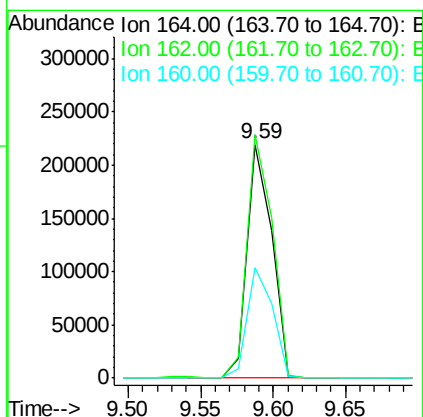
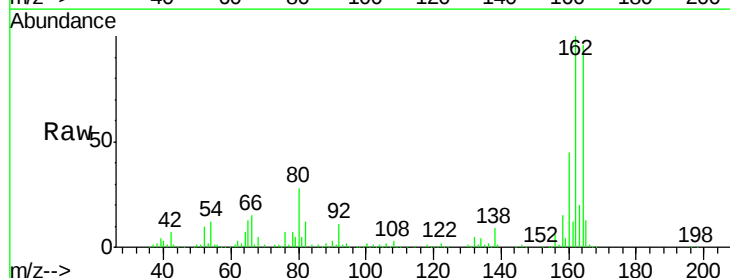
Instrument :
BNA_F
ClientSampleId :
PB90703BSD

Tot Ion:142 Resp: 733277
Ion Ratio Lower Upper
142 100
141 89.9 71.0 106.6
115 39.8 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: BF087240.D
Acq: 20 May 2016 22:53

Tgt Ion:164 Resp: 259955
Ion Ratio Lower Upper
164 100
162 104.3 82.8 124.2
160 47.2 36.9 55.3

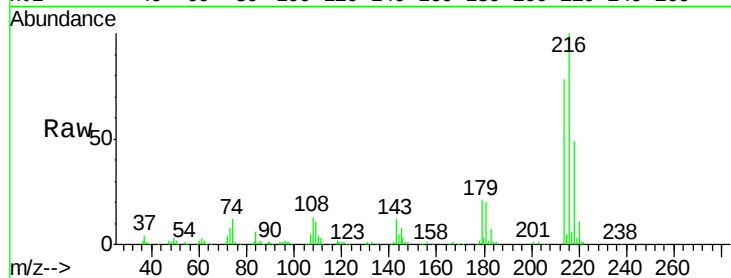




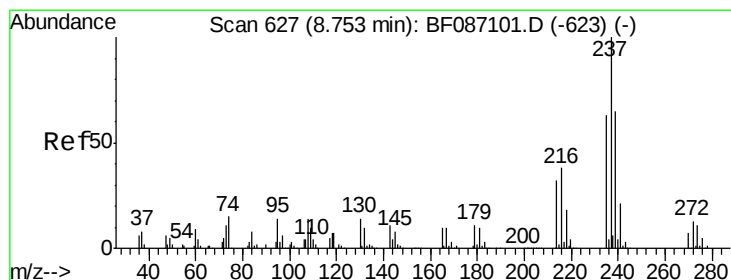
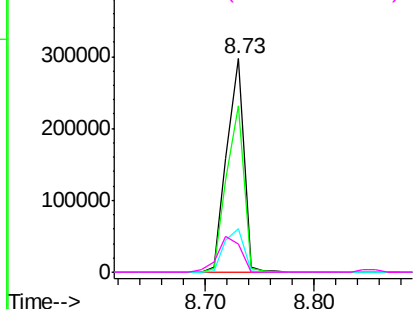
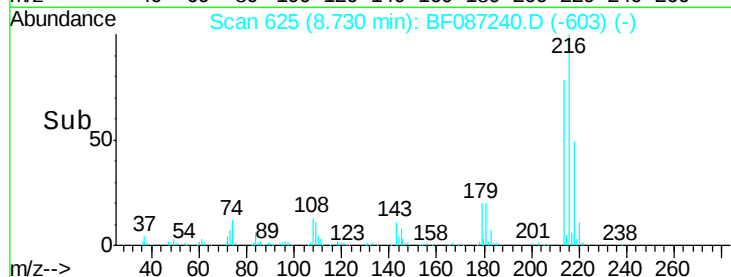
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.82 ng
 RT: 8.73 min Scan# 625
 Delta R.T. -0.05 min
 Lab File: BF087240.D
 Acq: 20 May 2016 22:53

Instrument :
 BNA_F
 ClientSampleId :
 PB90703BSD

Tot Ion:	216	Resp:	325100
Ion	Ratio	Lower	Upper
216	100		
214	79.2	62.6	93.8
179	23.0	18.2	27.4
108	23.1	17.5	26.3

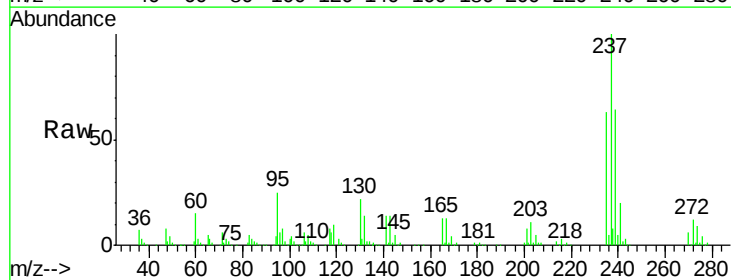


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

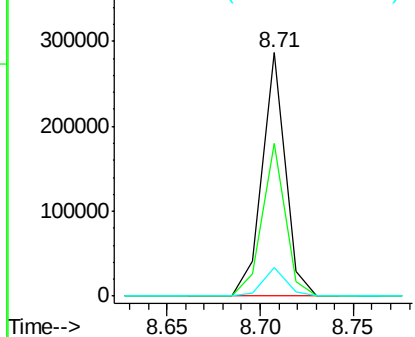
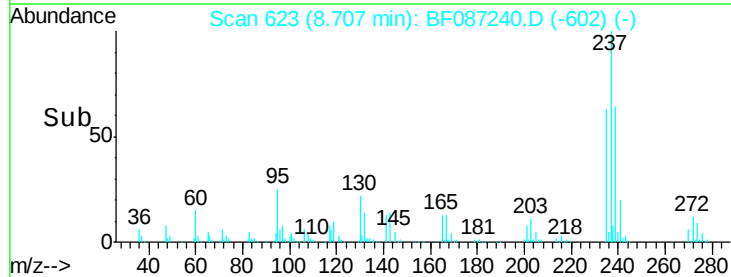


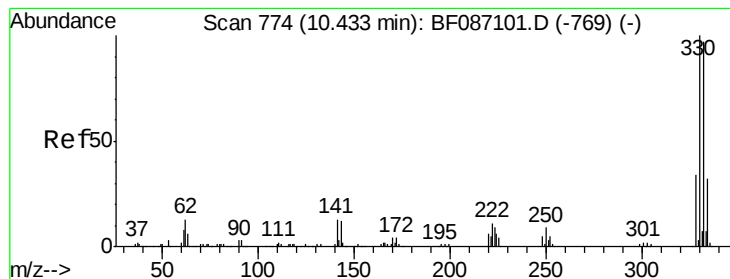
#40
 Hexachlorocyclopentadiene
 Concen: 83.07 ng
 RT: 8.71 min Scan# 623
 Delta R.T. -0.06 min
 Lab File: BF087240.D
 Acq: 20 May 2016 22:53

Tgt Ion:	237	Resp:	244534
Ion	Ratio	Lower	Upper
237	100		
235	62.6	47.2	87.2
272	11.6	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





#41

2,4,6-Tribromophenol

Concen: 120.92 ng

RT: 10.39 min Scan# 770

Delta R.T. -0.06 min

Lab File: BF087240.D

Acq: 20 May 2016 22:53

Instrument :

BNA_F

ClientSampleId :

PB90703BSD

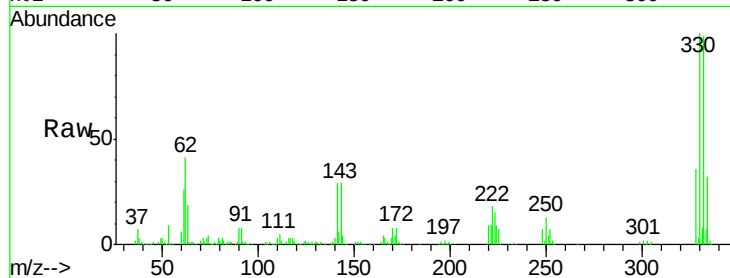
Tot Ion:330 Resp: 347369

Ion Ratio Lower Upper

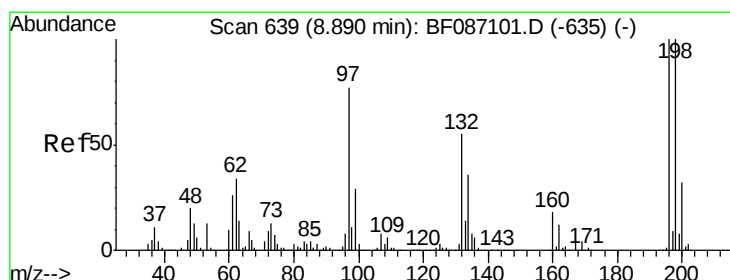
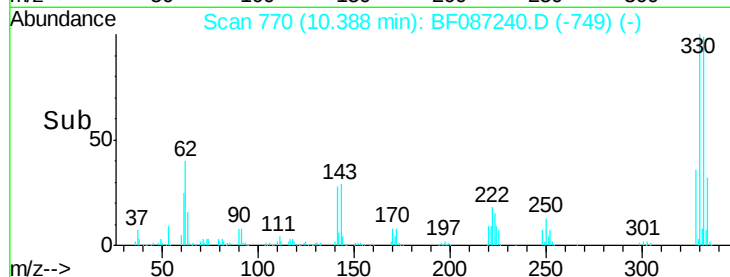
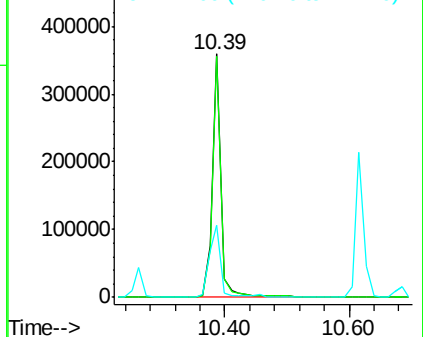
330 100

332 98.3 79.0 118.4

141 37.9 31.2 46.8



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 41.77 ng

RT: 8.86 min Scan# 636

Delta R.T. -0.05 min

Lab File: BF087240.D

Acq: 20 May 2016 22:53

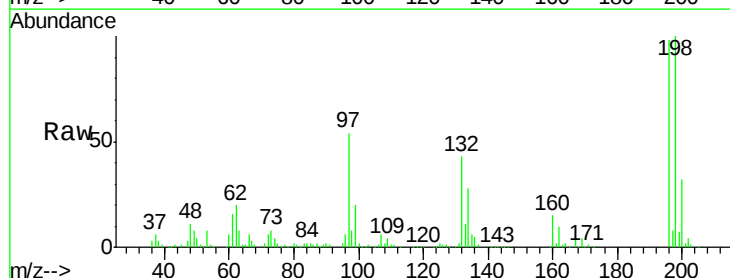
Tgt Ion:196 Resp: 205647

Ion Ratio Lower Upper

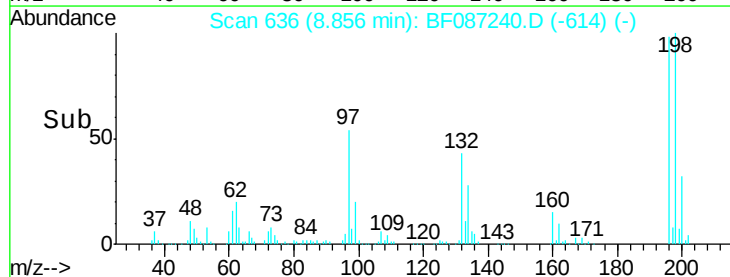
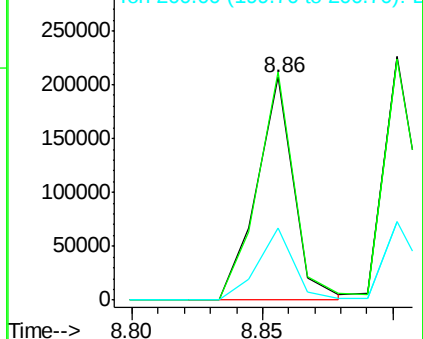
196 100

198 102.3 74.7 112.1

200 32.6 23.8 35.6



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E

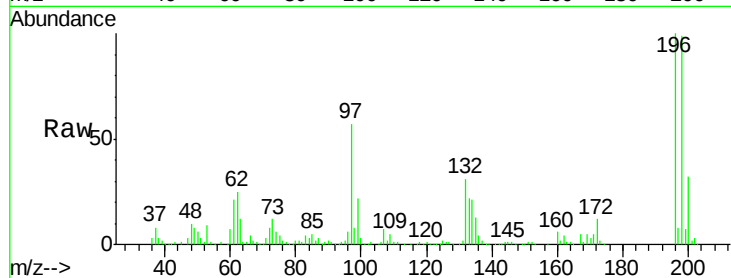




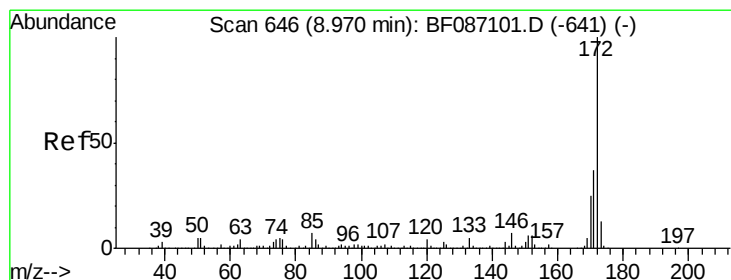
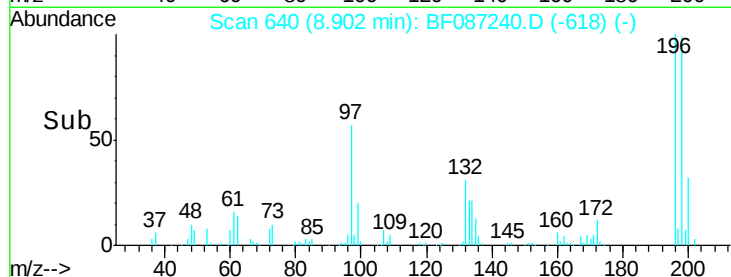
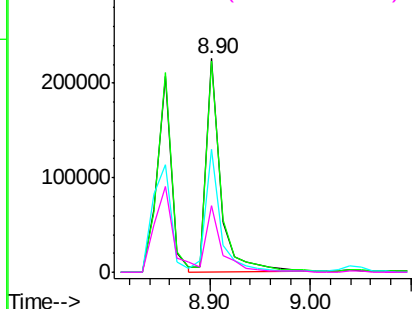
#43
 2,4,5-Trichlorophenol
 Concen: 43.88 ng
 RT: 8.90 min Scan# 640
 Delta R.T. -0.05 min
 Lab File: BF087240.D
 Acq: 20 May 2016 22:53

Instrument :
 BNA_F
 ClientSampleId :
 PB90703BSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	99.1	77.5	116.3
97	57.3	34.8	52.2
132	31.5	23.0	34.4

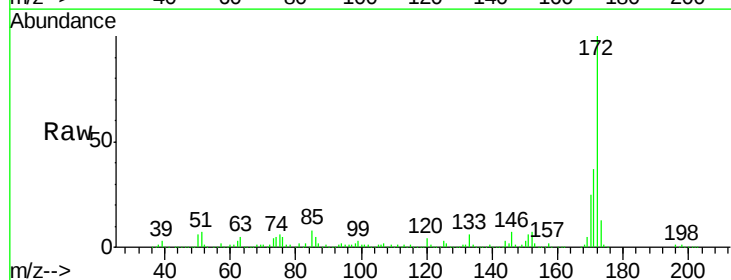


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

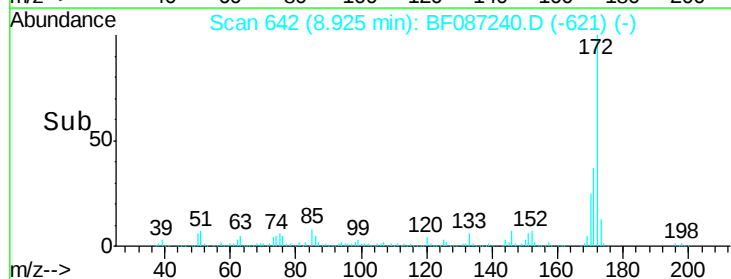
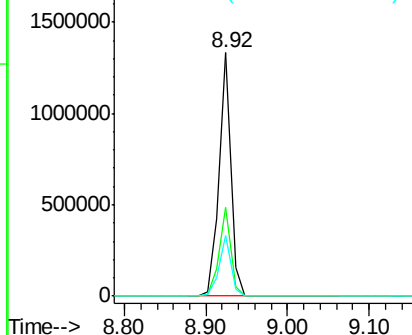


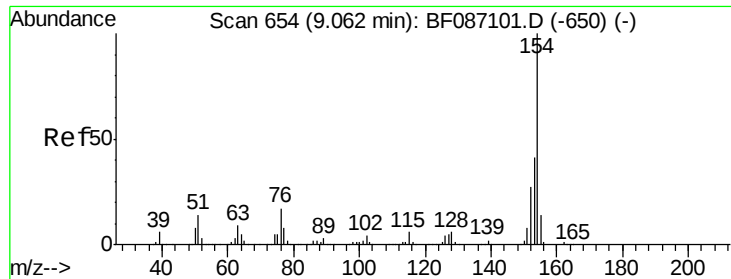
#44
 2-Fluorobiphenyl
 Concen: 85.31 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.06 min
 Lab File: BF087240.D
 Acq: 20 May 2016 22:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.0	43.6
170	25.1	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: 44.83 ng

RT: 9.03 min Scan# 651

Delta R.T. -0.05 min

Lab File: BF087240.D

Acq: 20 May 2016 22:53

Instrument :

BNA_F

ClientSampleId :

PB90703BSD

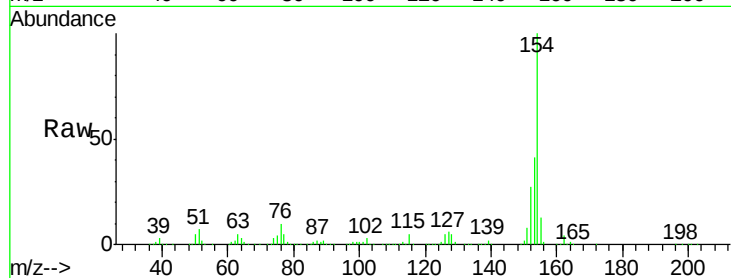
Tot Ion:154 Resp: 966342

Ion Ratio Lower Upper

154 100

153 41.2 20.3 60.3

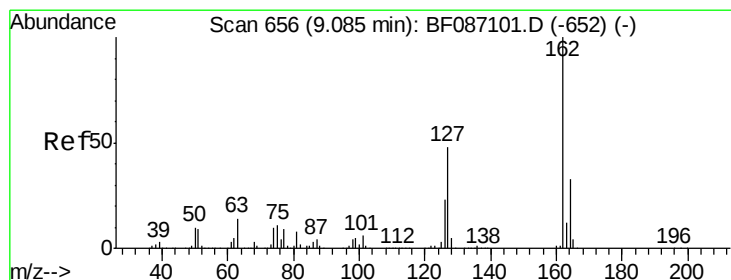
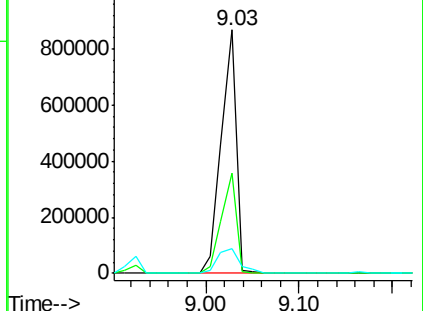
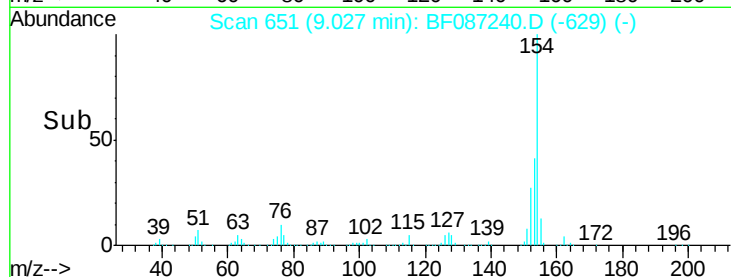
76 10.1 0.0 30.2



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: 42.03 ng

RT: 9.05 min Scan# 653

Delta R.T. -0.05 min

Lab File: BF087240.D

Acq: 20 May 2016 22:53

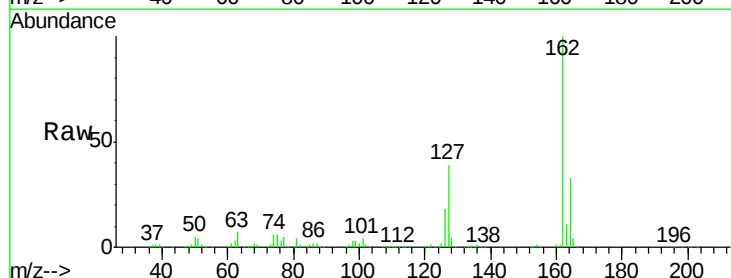
Tgt Ion:162 Resp: 695555

Ion Ratio Lower Upper

162 100

127 38.5 31.8 47.6

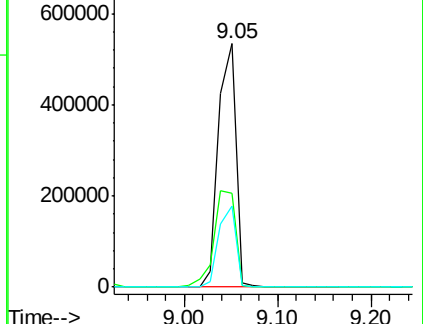
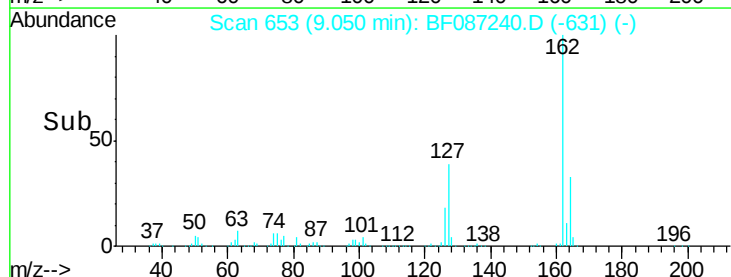
164 33.5 27.0 40.6

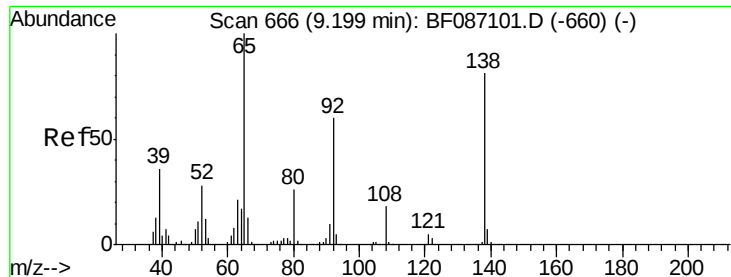


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

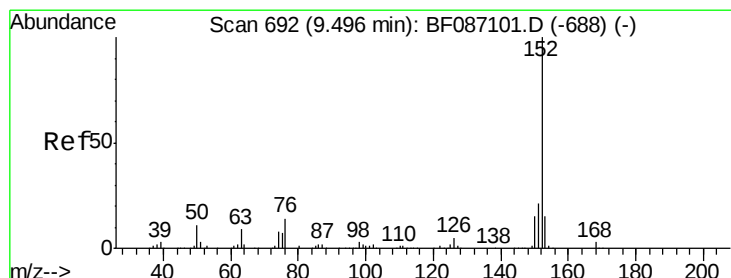
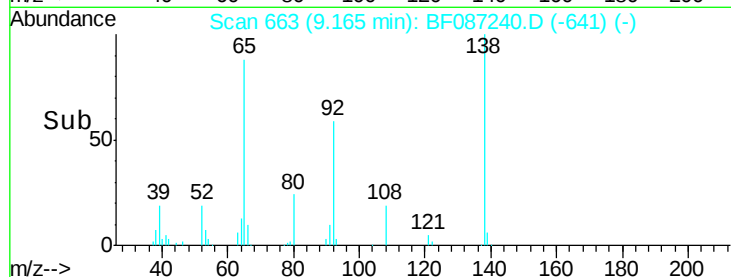
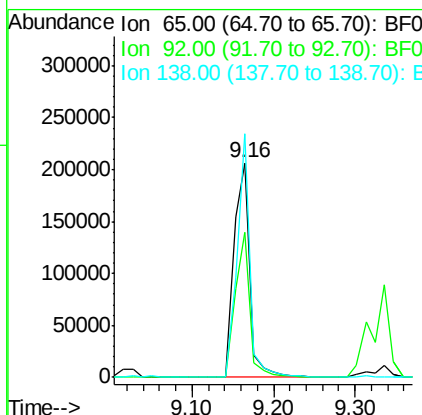
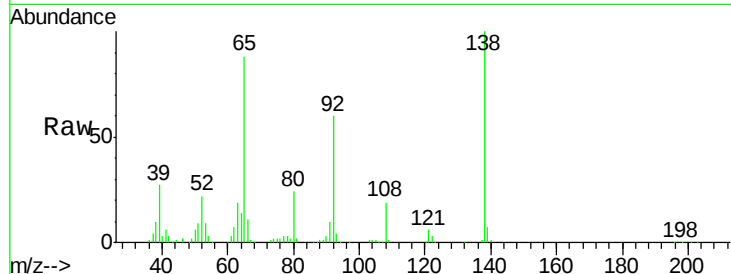




#47
2-Nitroaniline
Concen: 44.20 ng
RT: 9.16 min Scan# 663
Delta R.T. -0.05 min
Lab File: BF087240.D
Acq: 20 May 2016 22:53

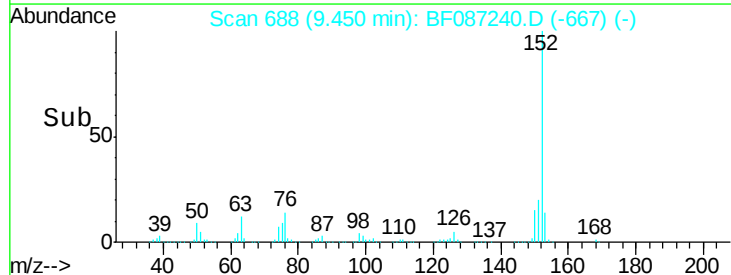
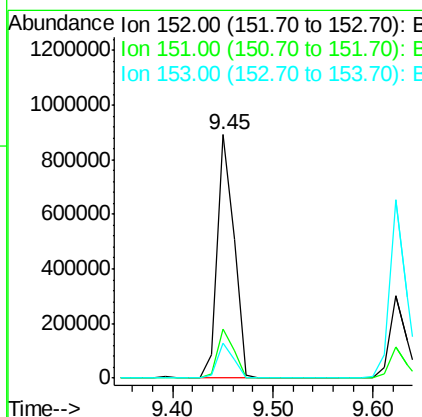
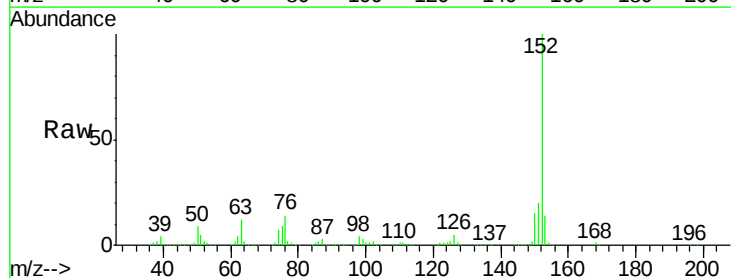
Instrument :
BNA_F
ClientSampleId :
PB90703BSD

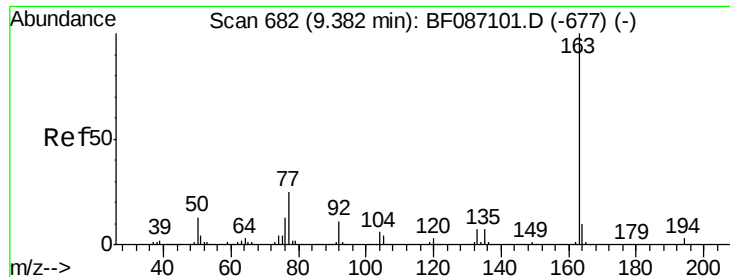
Tot Ion: 65 Resp: 280264
Ion Ratio Lower Upper
65 100
92 67.6 57.4 86.2
138 113.5 90.1 135.1



#48
Acenaphthylene
Concen: 40.92 ng
RT: 9.45 min Scan# 688
Delta R.T. -0.06 min
Lab File: BF087240.D
Acq: 20 May 2016 22:53

Tgt Ion: 152 Resp: 1034006
Ion Ratio Lower Upper
152 100
151 20.4 16.8 25.2
153 14.3 10.9 16.3

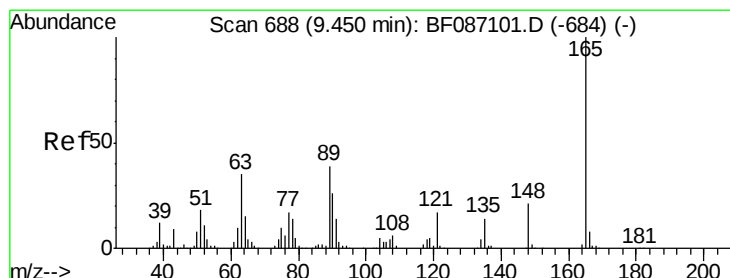
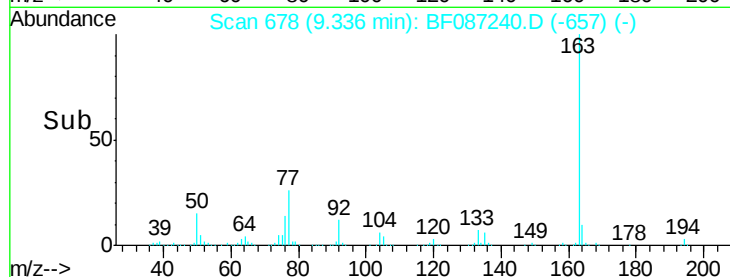
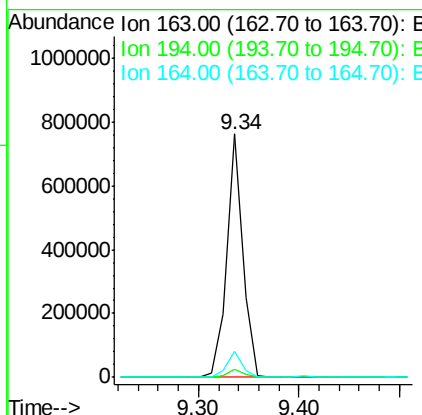
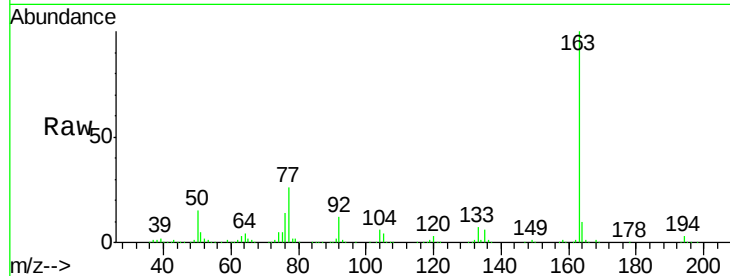




#49
Dimethylphthalate
Concen: 42.71 ng
RT: 9.34 min Scan# 678
Delta R.T. -0.06 min
Lab File: BF087240.D
Acq: 20 May 2016 22:53

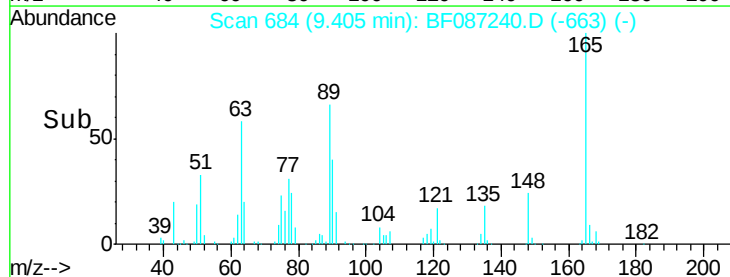
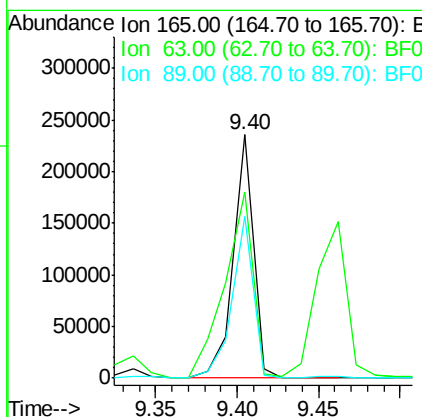
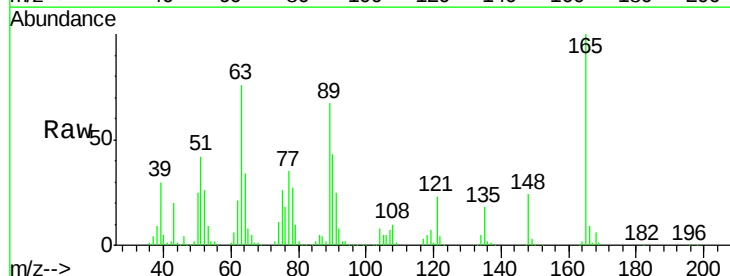
Instrument :
BNA_F
ClientSampleId :
PB90703BSD

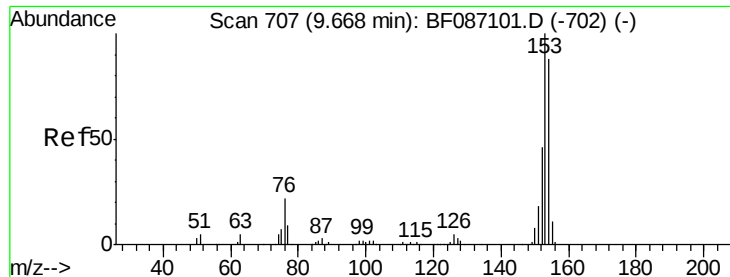
Tot Ion:163 Resp: 847037
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.5 8.2 12.4



#50
2,6-Dinitrotoluene
Concen: 46.58 ng
RT: 9.40 min Scan# 684
Delta R.T. -0.06 min
Lab File: BF087240.D
Acq: 20 May 2016 22:53

Tgt Ion:165 Resp: 200568
Ion Ratio Lower Upper
165 100
63 76.3 51.8 77.8
89 66.6 50.7 76.1





#51

Acenaphthene

Concen: 40.16 ng

RT: 9.62 min Scan# 703

Delta R.T. -0.06 min

Lab File: BF087240.D

Acq: 20 May 2016 22:53

Instrument :

BNA_F

ClientSampleId :

PB90703BSD

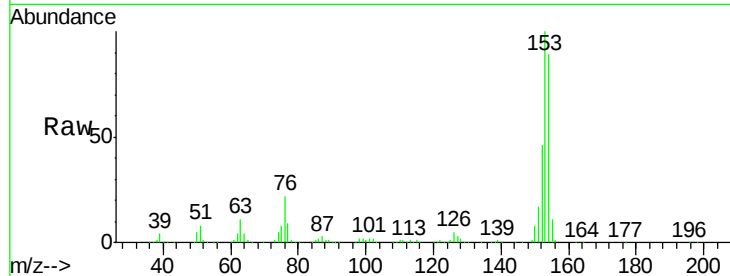
Tot Ion:154 Resp: 634017

Ion Ratio Lower Upper

154 100

153 113.0 89.8 134.6

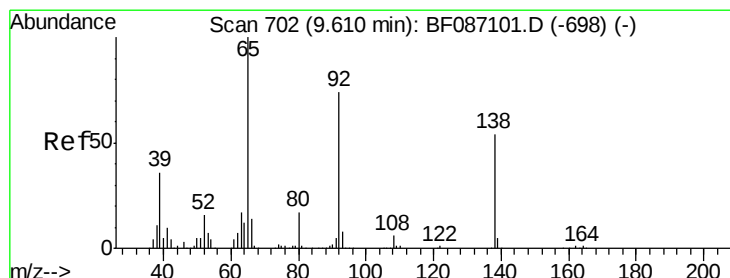
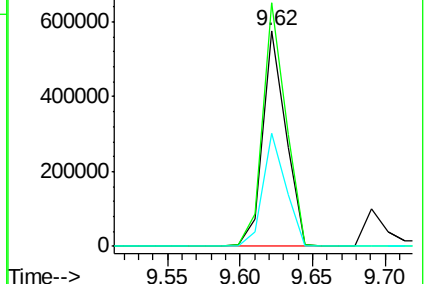
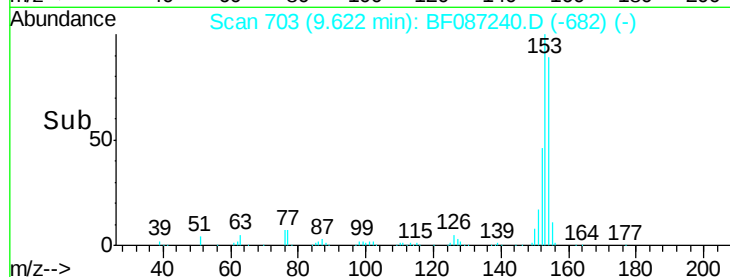
152 52.4 43.4 65.0



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: 17.80 ng

RT: 9.58 min Scan# 699

Delta R.T. -0.06 min

Lab File: BF087240.D

Acq: 20 May 2016 22:53

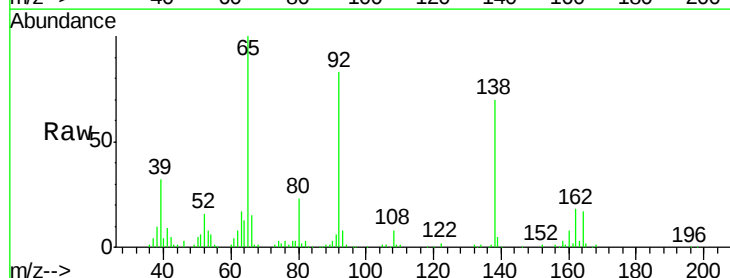
Tgt Ion:138 Resp: 82981

Ion Ratio Lower Upper

138 100

108 11.2 7.8 11.6

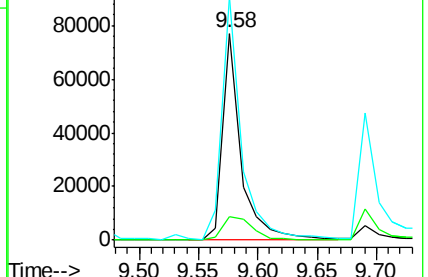
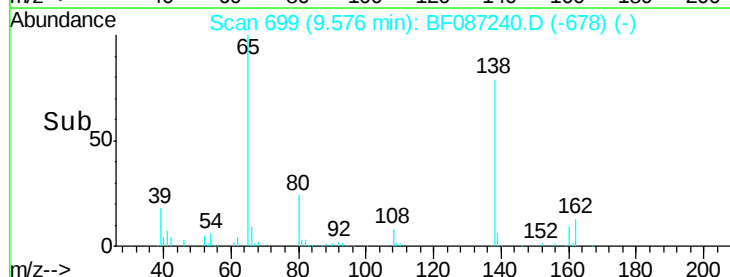
92 117.8 87.8 131.8

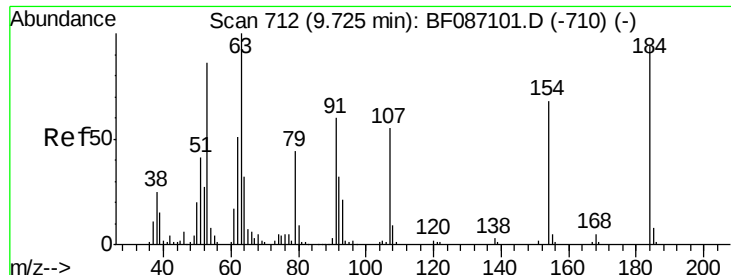


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

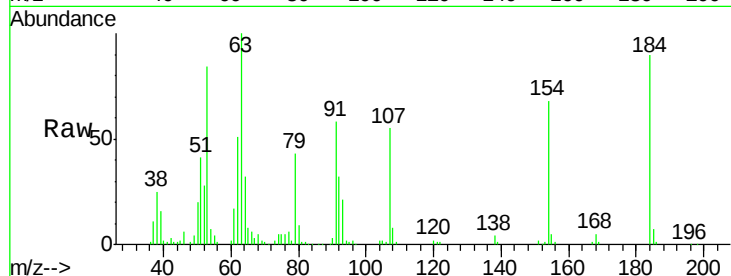




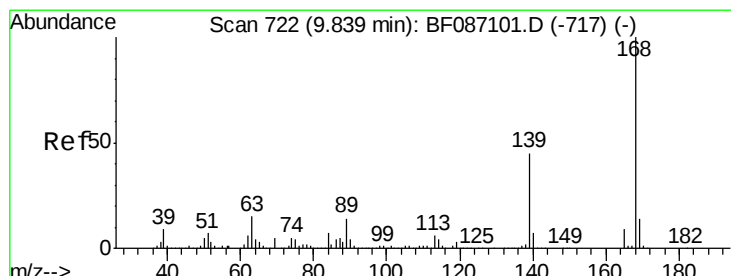
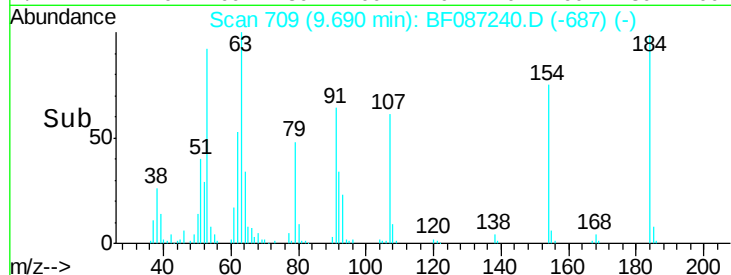
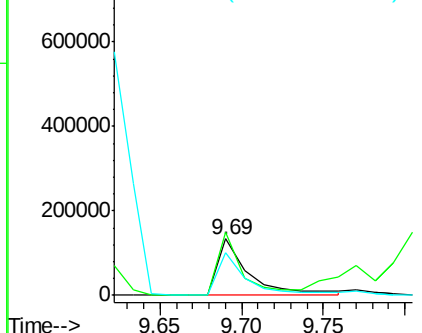
#53
2,4-Dinitrophenol
Concen: 73.25 ng
RT: 9.69 min Scan# 709
Delta R.T. -0.05 min
Lab File: BF087240.D
Acq: 20 May 2016 22:53

Instrument :
BNA_F
ClientSampleId :
PB90703BSD

Tot Ion:184 Resp: 179683
Ion Ratio Lower Upper
184 100
63 111.7 55.8 83.8#
154 76.0 62.4 93.6

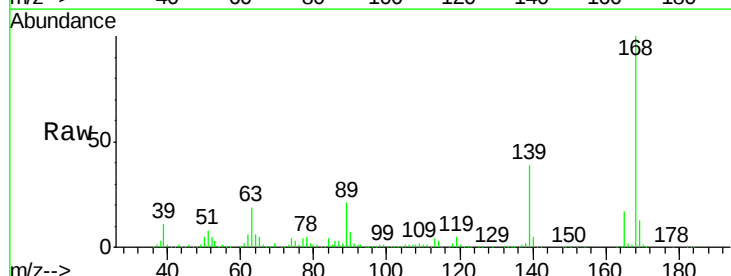


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

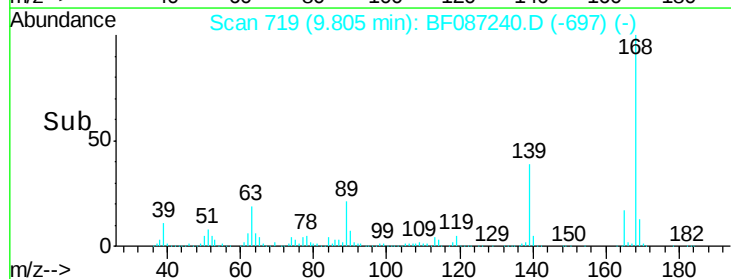
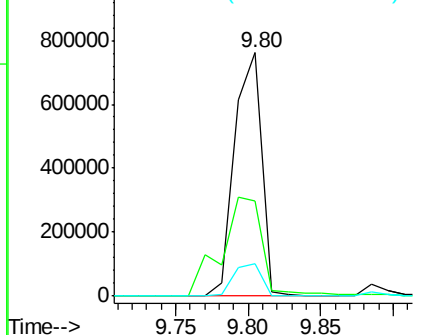


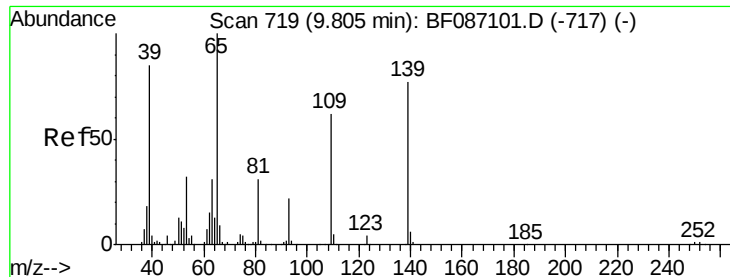
#54
Dibenzofuran
Concen: 48.31 ng
RT: 9.80 min Scan# 719
Delta R.T. -0.05 min
Lab File: BF087240.D
Acq: 20 May 2016 22:53

Tgt Ion:168 Resp: 986118
Ion Ratio Lower Upper
168 100
139 39.0 31.4 47.0
169 13.1 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: 56.63 ng/ml

RT: 9.77 min Scan# 716

Delta R.T. -0.05 min

Lab File: BF087240.D

Acq: 20 May 2016 22:53

Instrument :

BNA_F

ClientSampleId :

PB90703BSD

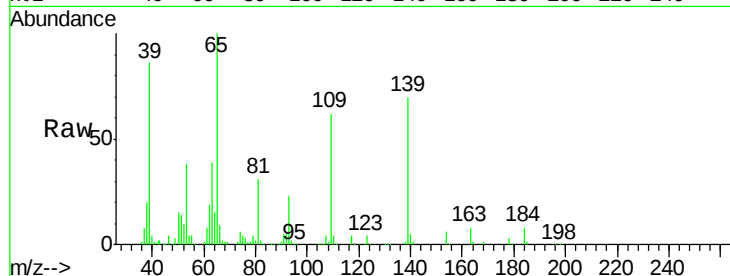
Tot Ion:139 Resp: 155376

Ion Ratio Lower Upper

139 100

109 88.1 36.9 76.9#

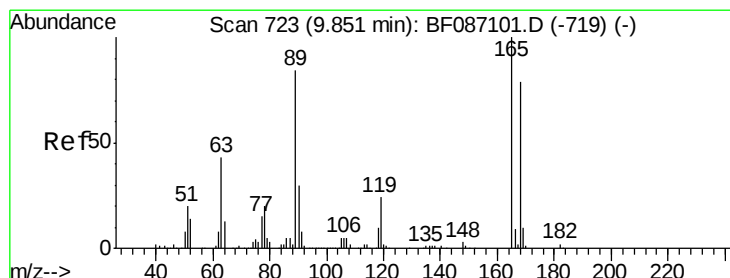
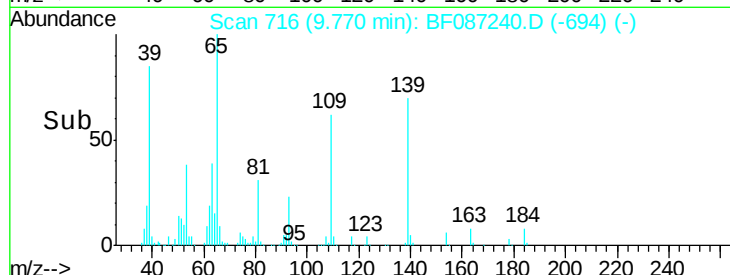
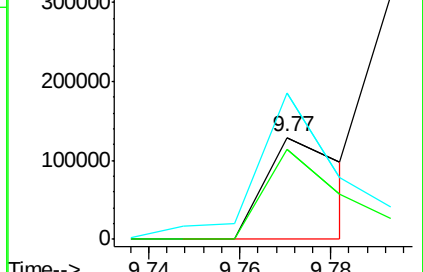
65 143.2 64.0 104.0#



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: 46.11 ng/ml

RT: 9.82 min Scan# 720

Delta R.T. -0.05 min

Lab File: BF087240.D

Acq: 20 May 2016 22:53

Tgt Ion:165 Resp: 254298

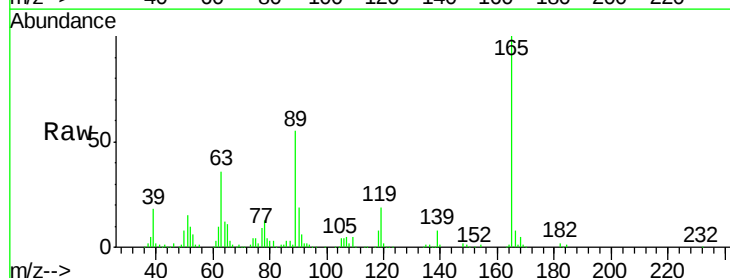
Ion Ratio Lower Upper

165 100

63 35.9 44.3 66.5#

89 54.9 70.0 105.0#

182 2.4 1.8 2.6

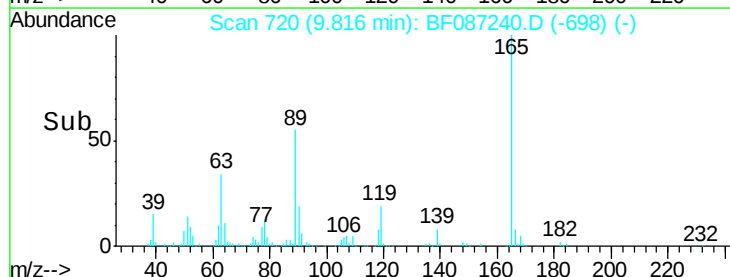
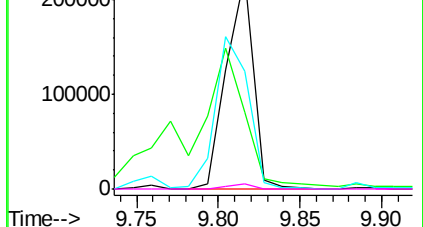


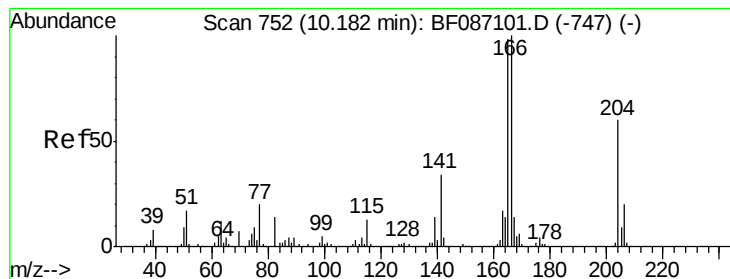
Abundance Ion 165.00 (164.70 to 165.70): E

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: 41.73 ng

RT: 10.14 min Scan# 748

Delta R.T. -0.06 min

Lab File: BF087240.D

Acq: 20 May 2016 22:53

Instrument :

BNA_F

ClientSampleId :

PB90703BSD

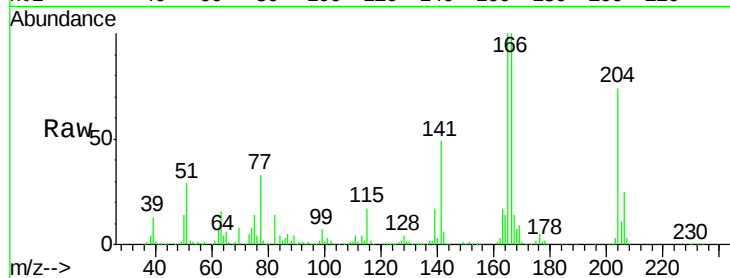
Tot Ion:166 Resp: 684423

Ion Ratio Lower Upper

166 100

165 99.6 79.0 118.6

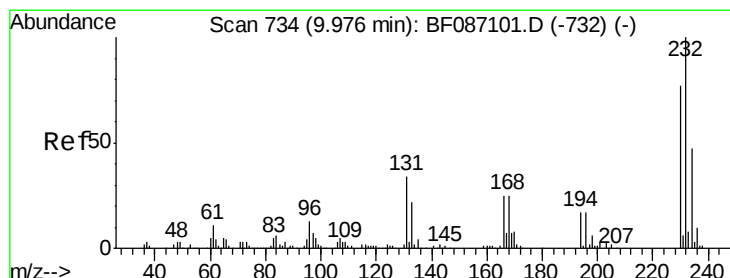
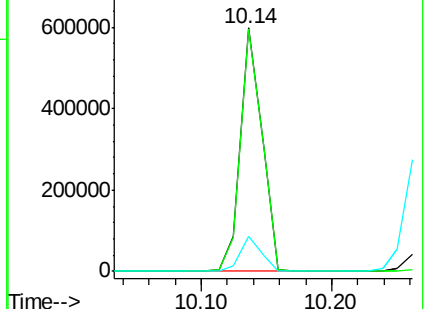
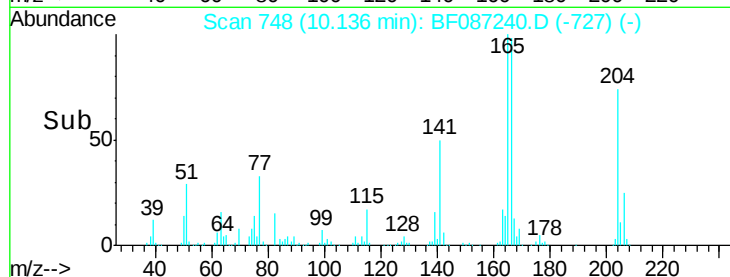
167 14.3 10.6 15.8



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: 50.74 ng

RT: 9.93 min Scan# 730

Delta R.T. -0.06 min

Lab File: BF087240.D

Acq: 20 May 2016 22:53

Tgt Ion:232 Resp: 202151

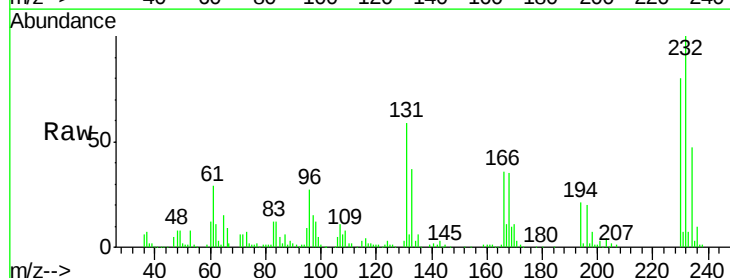
Ion Ratio Lower Upper

232 100

131 52.3 41.9 62.9

130 3.2 2.2 3.4

166 30.7 26.8 40.2

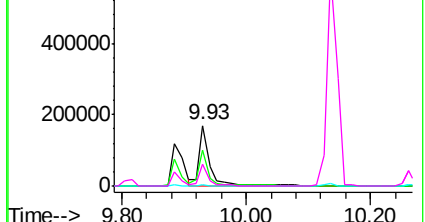
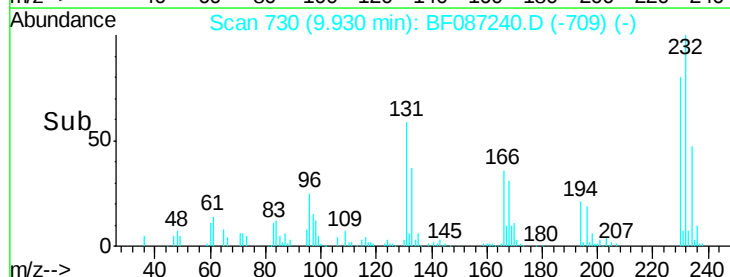


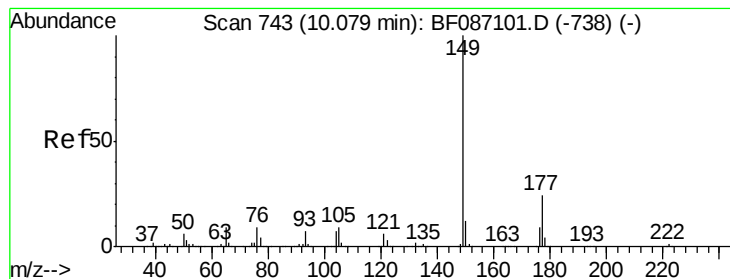
Abundance Ion 232.00 (231.70 to 232.70): E

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: 43.50 ng

RT: 10.03 min Scan# 739

Delta R.T. -0.06 min

Lab File: BF087240.D

Acq: 20 May 2016 22:53

Instrument :

BNA_F

ClientSampleId :

PB90703BSD

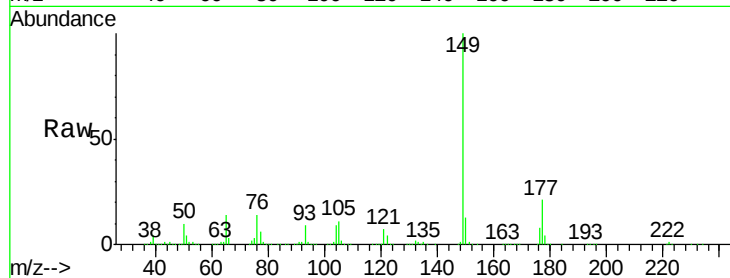
Tot Ion:149 Resp: 823593

Ion Ratio Lower Upper

149 100

177 21.3 16.6 24.8

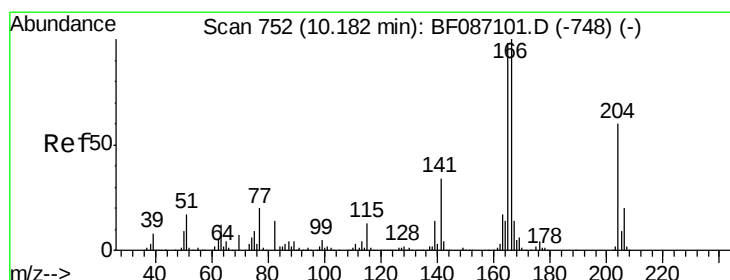
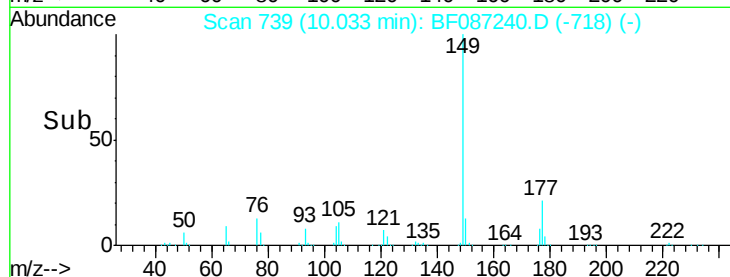
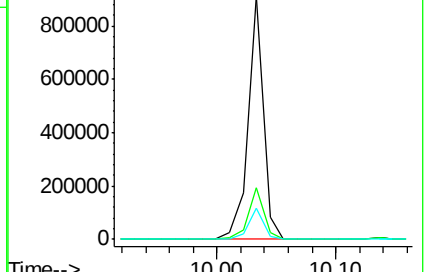
150 12.9 10.0 15.0



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: 48.47 ng

RT: 10.14 min Scan# 748

Delta R.T. -0.06 min

Lab File: BF087240.D

Acq: 20 May 2016 22:53

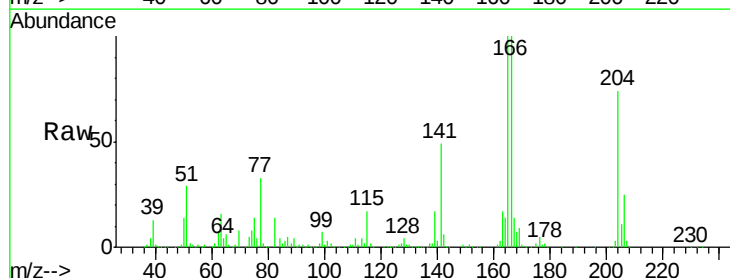
Tgt Ion:204 Resp: 376794

Ion Ratio Lower Upper

204 100

206 33.1 25.4 38.0

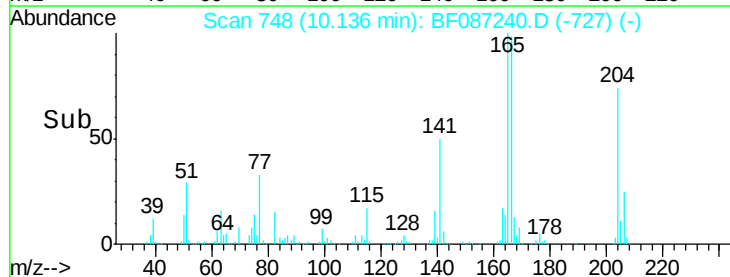
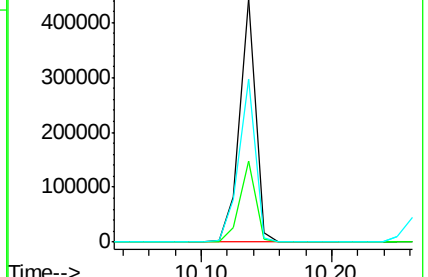
141 66.8 61.6 92.4

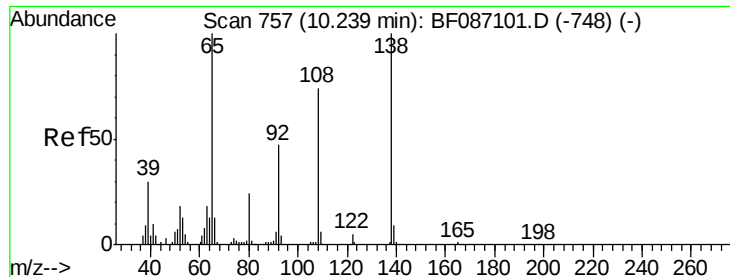


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 38.82 ng

RT: 10.19 min Scan# 753

Delta R.T. -0.06 min

Lab File: BF087240.D

Acq: 20 May 2016 22:53

Instrument :

BNA_F

ClientSampleId :

PB90703BSD

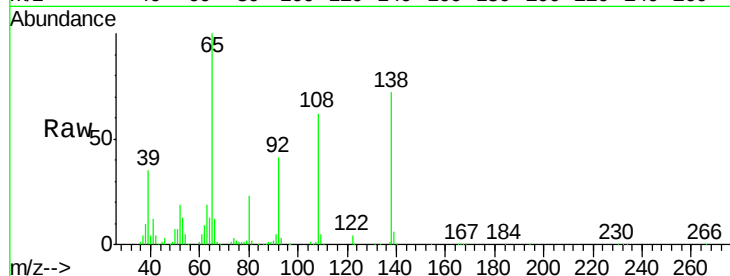
Tot Ion:138 Resp: 178674

Ion Ratio Lower Upper

138 100

92 56.7 24.7 64.7

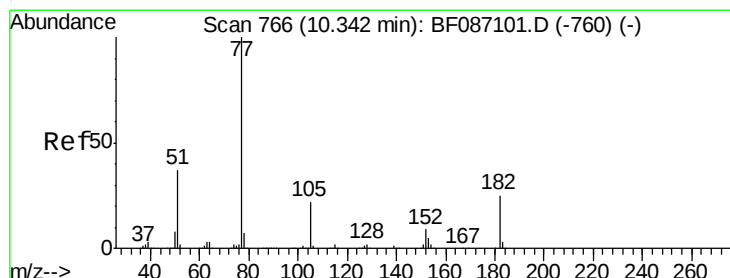
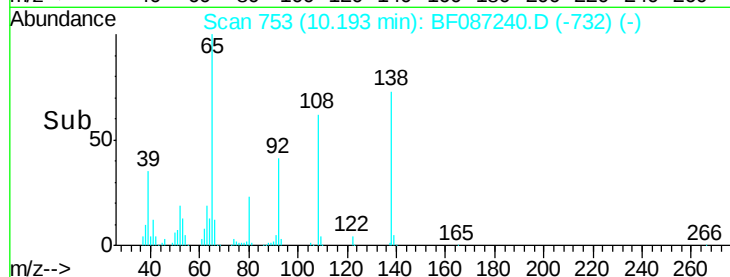
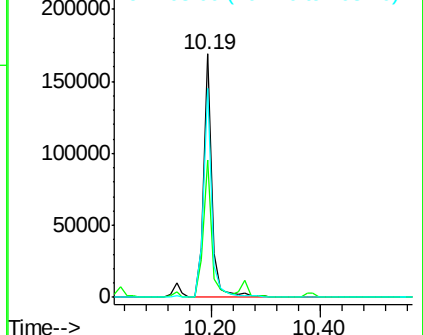
108 85.7 37.4 77.4#



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: 51.26 ng

RT: 10.30 min Scan# 762

Delta R.T. -0.06 min

Lab File: BF087240.D

Acq: 20 May 2016 22:53

Tgt Ion: 77 Resp: 1118337

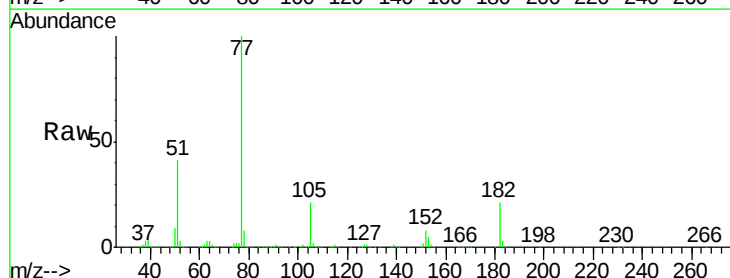
Ion Ratio Lower Upper

77 100

182 20.8 0.0 38.8

105 20.8 3.2 43.2

51 40.9 8.8 48.8

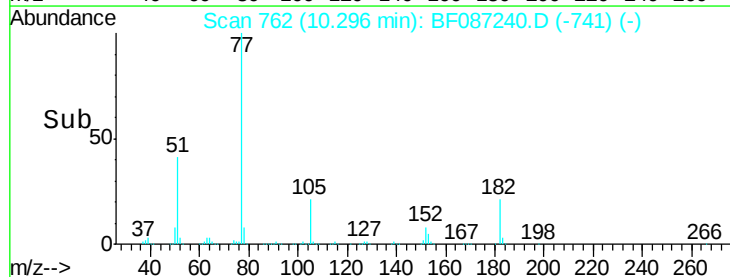
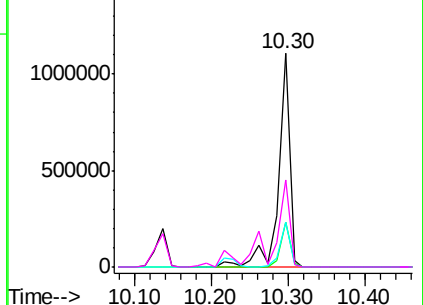


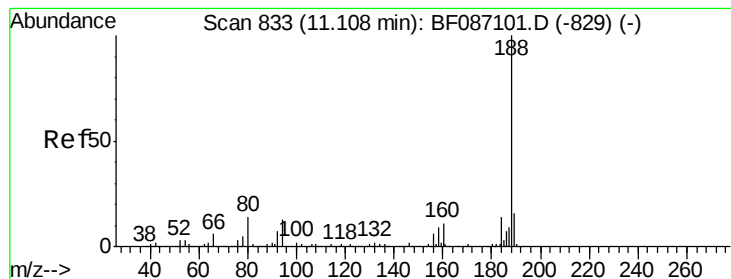
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: BF087240.D

Acq: 20 May 2016 22:53

Instrument :

BNA_F

ClientSampleId :

PB90703BSD

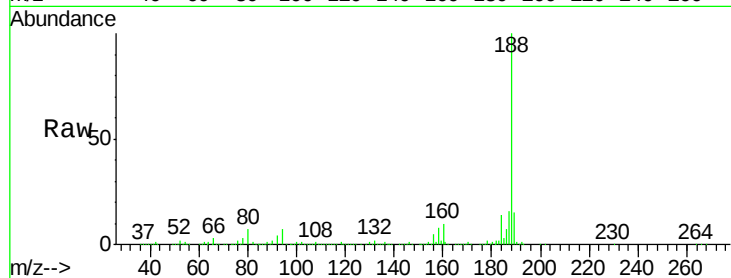
Tot Ion:188 Resp: 516092

Ion Ratio Lower Upper

188 100

94 7.3 6.8 10.2

80 7.5 7.1 10.7



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

600000

500000

400000

300000

200000

100000

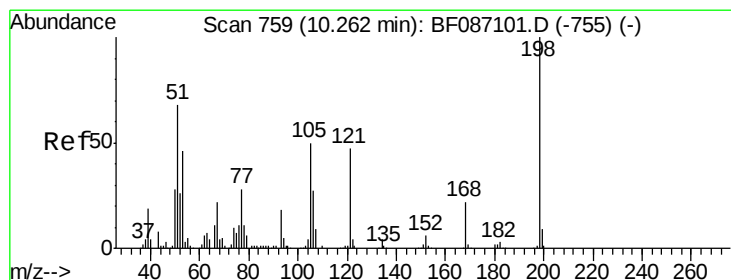
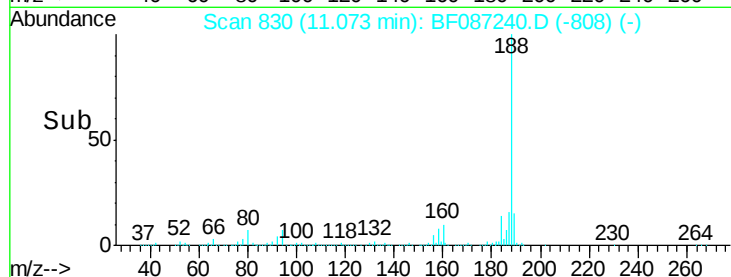
0

11.07

11.05

11.10

Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 39.74 ng

RT: 10.23 min Scan# 756

Delta R.T. -0.05 min

Lab File: BF087240.D

Acq: 20 May 2016 22:53

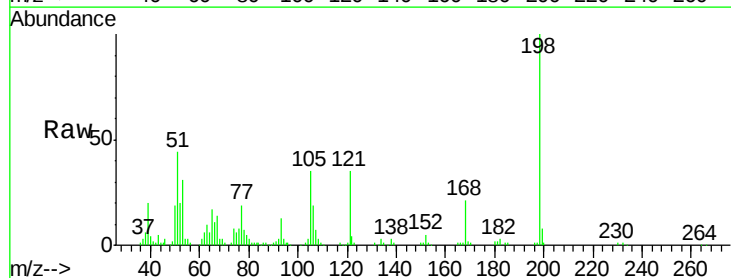
Tgt Ion:198 Resp: 135092

Ion Ratio Lower Upper

198 100

51 43.8 20.5 60.5

105 35.3 24.5 64.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

600000

500000

400000

300000

200000

100000

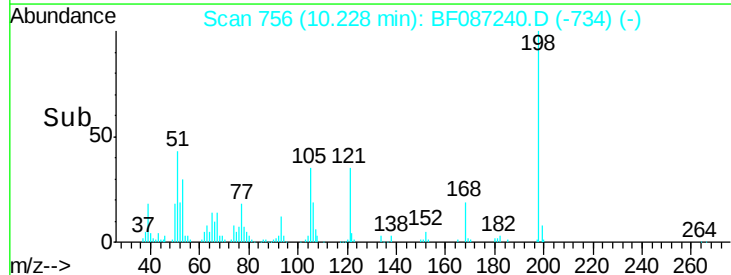
0

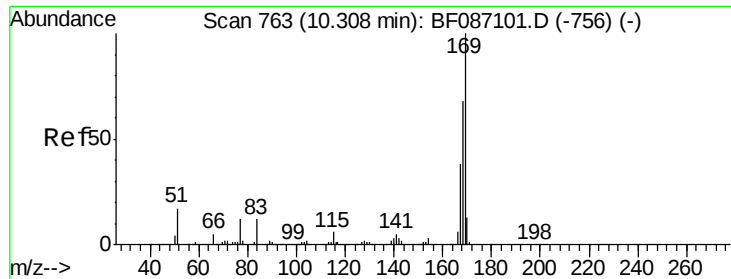
10.23

10.20

10.30

Time-->

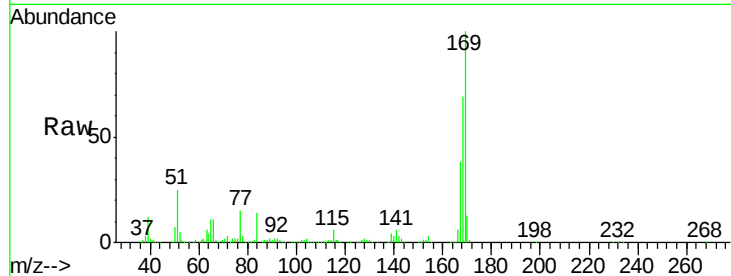




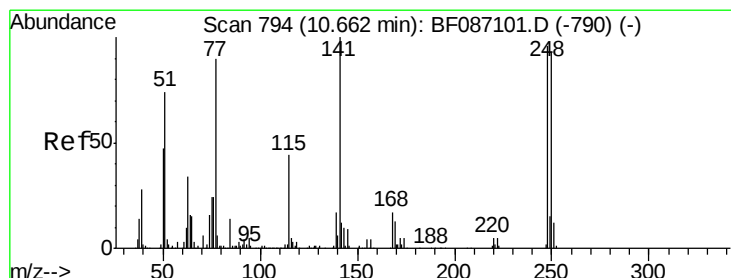
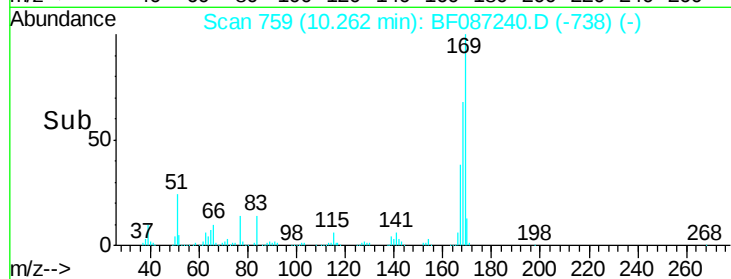
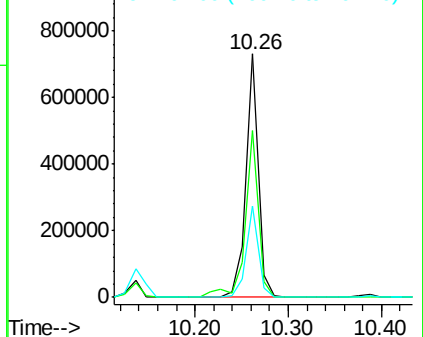
#65
n-Nitrosodiphenylamine
Concen: 41.12 ng
RT: 10.26 min Scan# 759
Delta R.T. -0.06 min
Lab File: BF087240.D
Acq: 20 May 2016 22:53

Instrument :
BNA_F
ClientSampleId :
PB90703BSD

Tot Ion:169 Resp: 667852
Ion Ratio Lower Upper
169 100
168 68.5 53.8 80.6
167 37.6 29.5 44.3

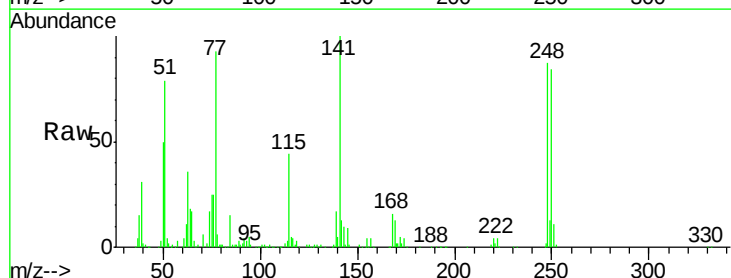


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

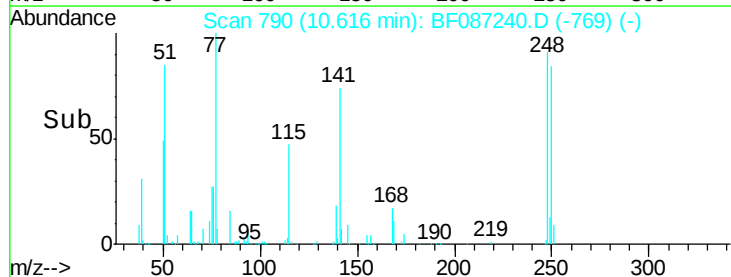
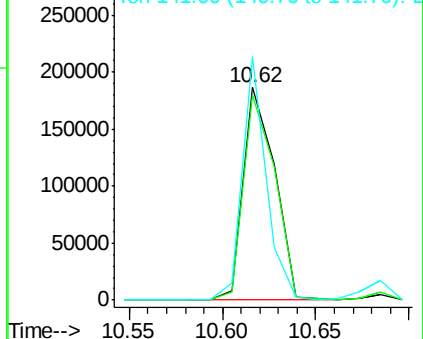


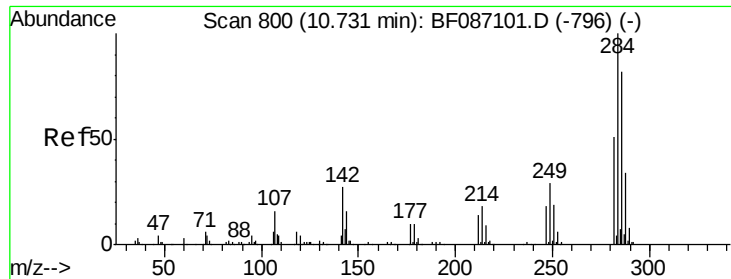
#66
4-Bromophenyl-phenylether
Concen: 41.24 ng
RT: 10.62 min Scan# 790
Delta R.T. -0.06 min
Lab File: BF087240.D
Acq: 20 May 2016 22:53

Tgt Ion:248 Resp: 218861
Ion Ratio Lower Upper
248 100
250 96.6 78.6 117.8
141 114.6 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

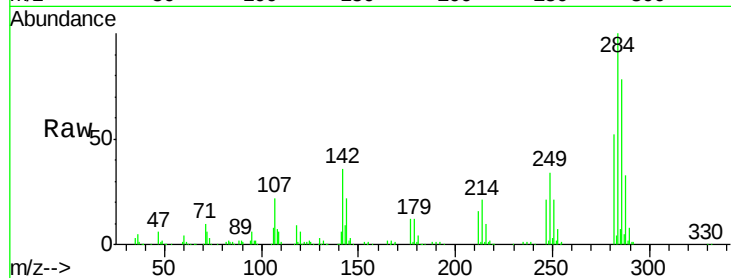




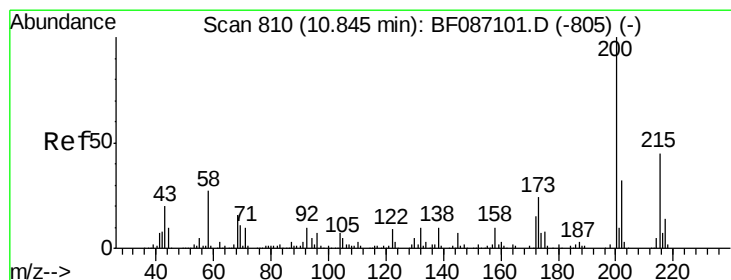
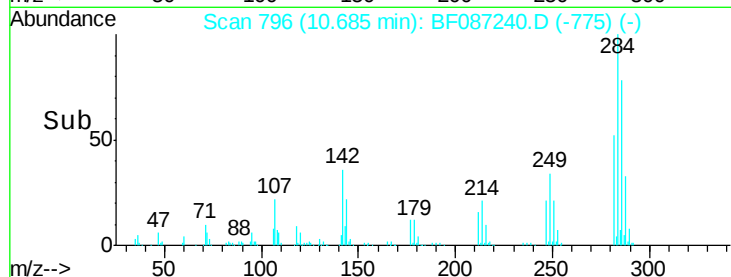
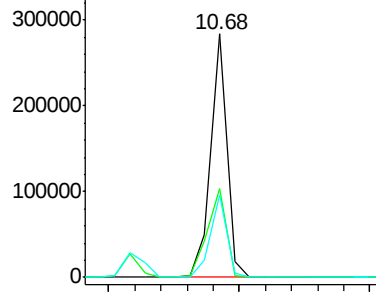
#67
Hexachlorobenzene
Concen: 39.47 ng
RT: 10.68 min Scan# 796
Delta R.T. -0.06 min
Lab File: BF087240.D
Acq: 20 May 2016 22:53

Instrument :
BNA_F
ClientSampleId :
PB90703BSD

Tot Ion	Ratio	Lower	Upper
284	100		
142	36.4	16.7	25.1#
249	33.8	21.3	31.9#

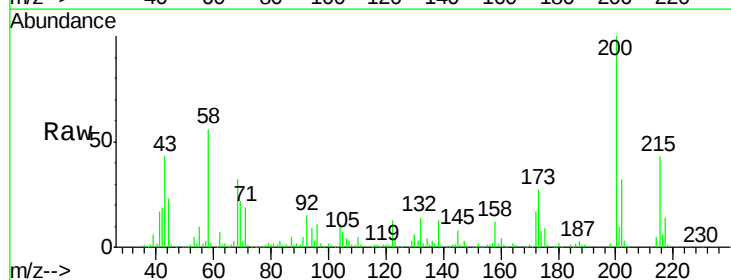


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

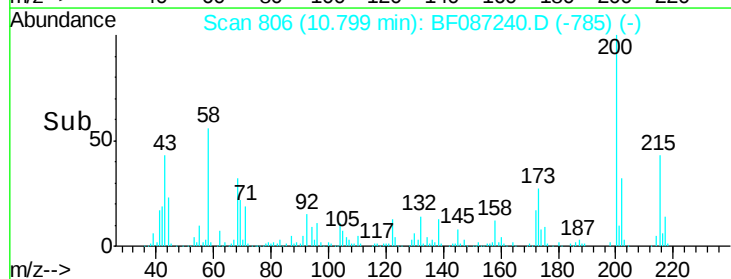
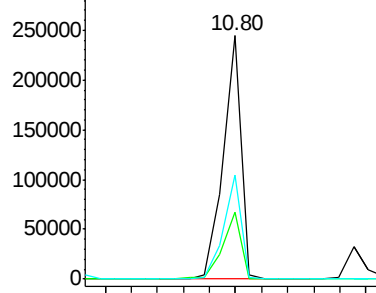


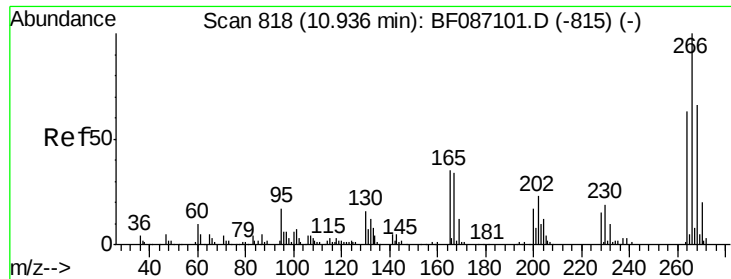
#68
Atrazine
Concen: 44.26 ng
RT: 10.80 min Scan# 806
Delta R.T. -0.06 min
Lab File: BF087240.D
Acq: 20 May 2016 22:53

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.3	8.5	48.5
215	42.7	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

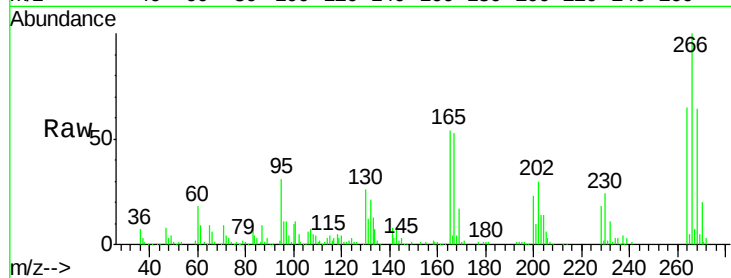




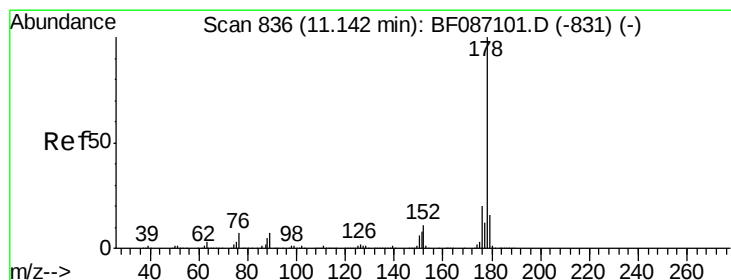
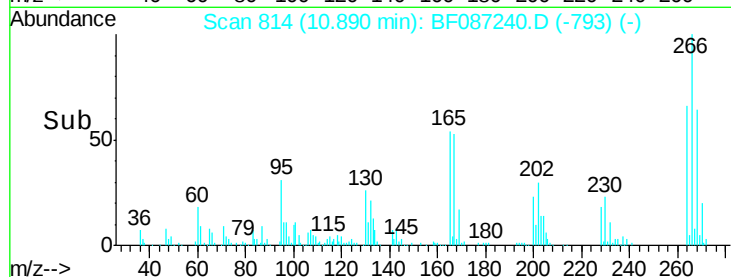
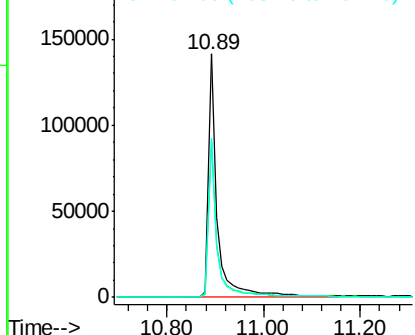
#69
 Pentachlorophenol
 Concen: 78.90 ng
 RT: 10.89 min Scan# 814
 Delta R.T. -0.06 min
 Lab File: BF087240.D
 Acq: 20 May 2016 22:53

Instrument :
 BNA_F
 ClientSampleId :
 PB90703BSD

Tot Ion:266 Resp: 182383
 Ion Ratio Lower Upper
 266 100
 268 63.7 51.5 77.3
 264 65.4 52.9 79.3

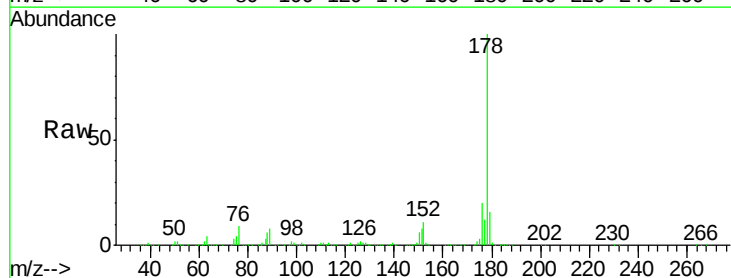


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

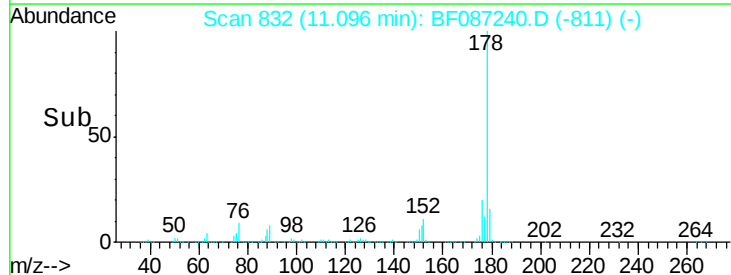
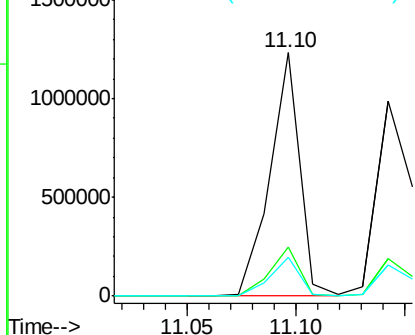


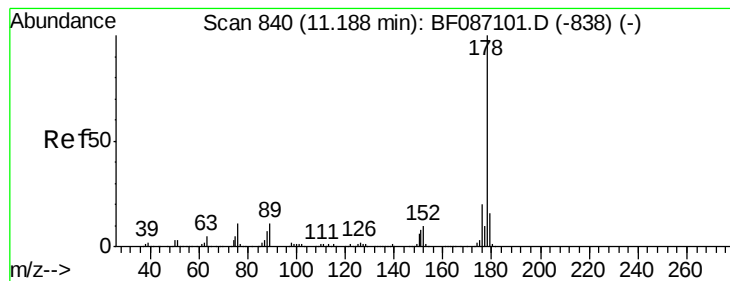
#70
 Phenanthrene
 Concen: 42.26 ng
 RT: 11.10 min Scan# 832
 Delta R.T. -0.06 min
 Lab File: BF087240.D
 Acq: 20 May 2016 22:53

Tgt Ion:178 Resp: 1182847
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.0 24.0
 179 15.8 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: 39.53 ng

RT: 11.14 min Scan# 836

Delta R.T. -0.06 min

Lab File: BF087240.D

Acq: 20 May 2016 22:53

Instrument :

BNA_F

ClientSampleId :

PB90703BSD

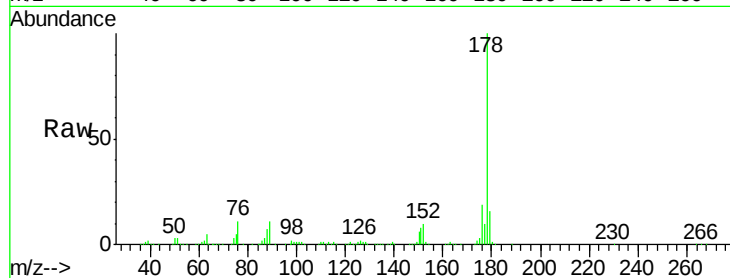
Tot Ion:178 Resp: 1119209

Ion Ratio Lower Upper

178 100

176 19.3 15.6 23.4

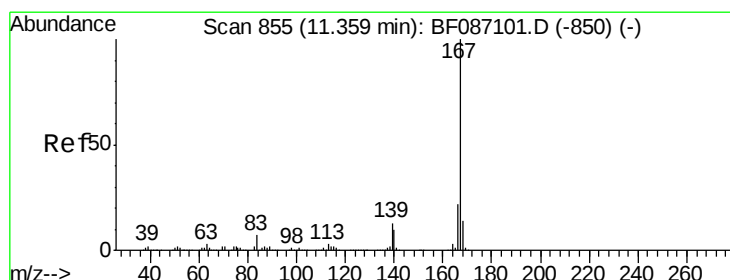
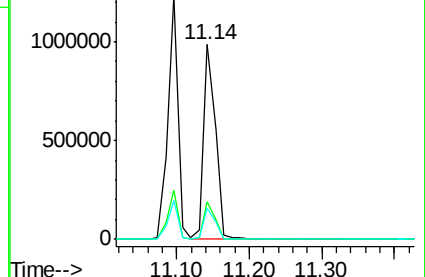
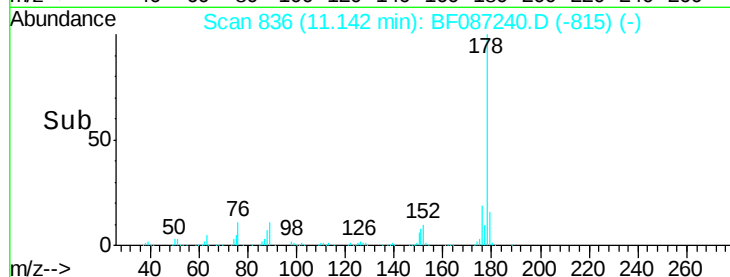
179 16.0 12.7 19.1



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: 42.47 ng

RT: 11.31 min Scan# 851

Delta R.T. -0.06 min

Lab File: BF087240.D

Acq: 20 May 2016 22:53

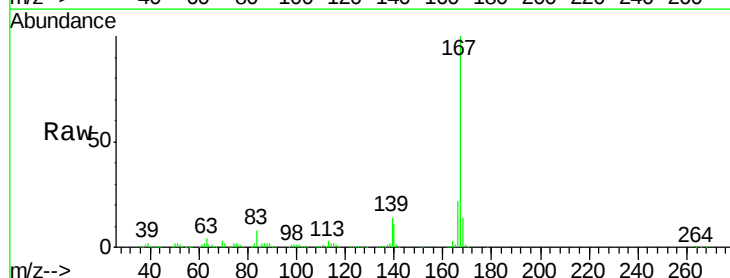
Tgt Ion:167 Resp: 1098442

Ion Ratio Lower Upper

167 100

166 22.2 17.7 26.5

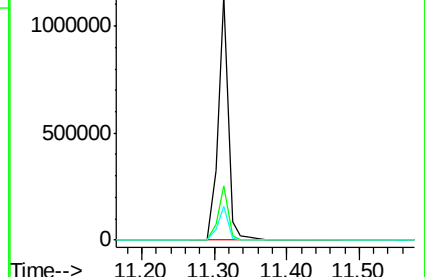
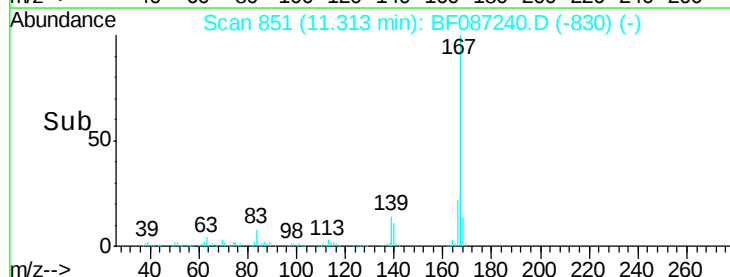
139 14.0 10.8 16.2

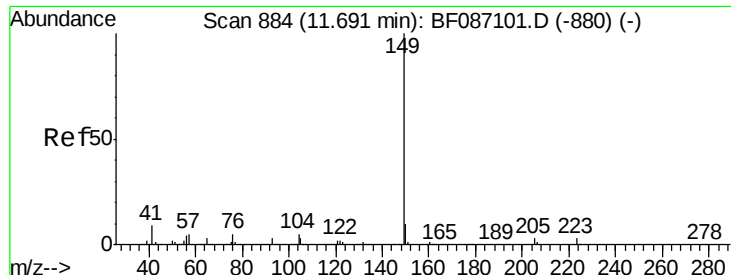


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 47.18 ng

RT: 11.64 min Scan# 880

Delta R.T. -0.06 min

Lab File: BF087240.D

Acq: 20 May 2016 22:53

Instrument :

BNA_F

ClientSampleId :

PB90703BSD

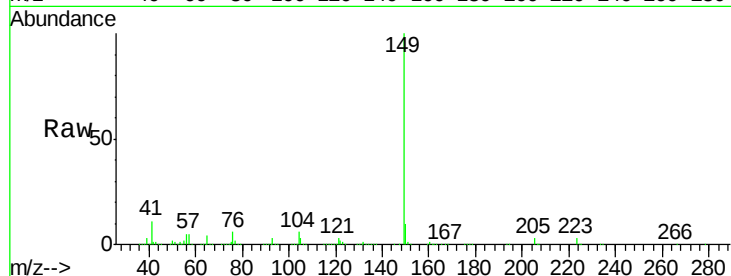
Tot Ion:149 Resp: 1401434

Ion Ratio Lower Upper

149 100

150 9.5 7.6 11.4

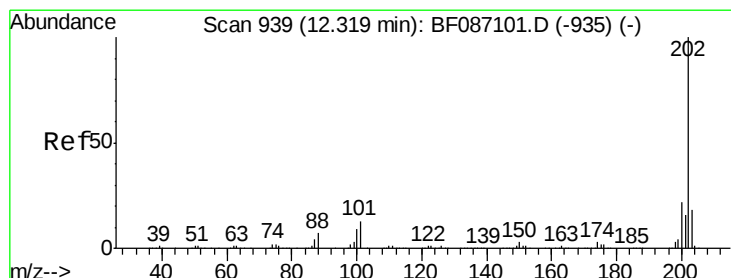
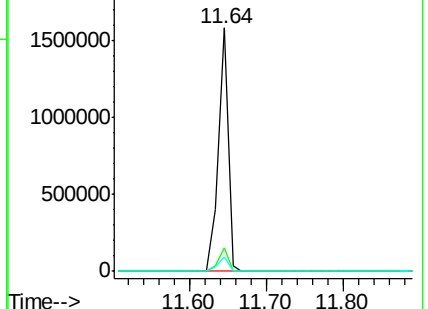
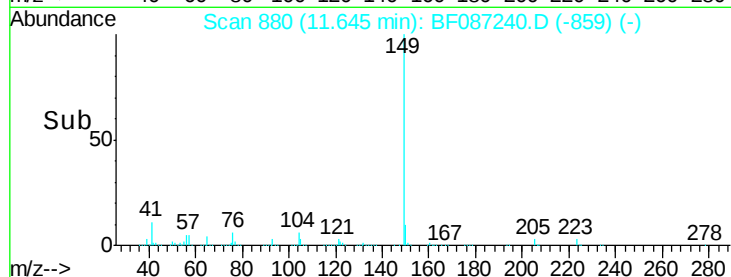
104 5.8 3.8 5.6#



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: 40.88 ng

RT: 12.27 min Scan# 935

Delta R.T. -0.06 min

Lab File: BF087240.D

Acq: 20 May 2016 22:53

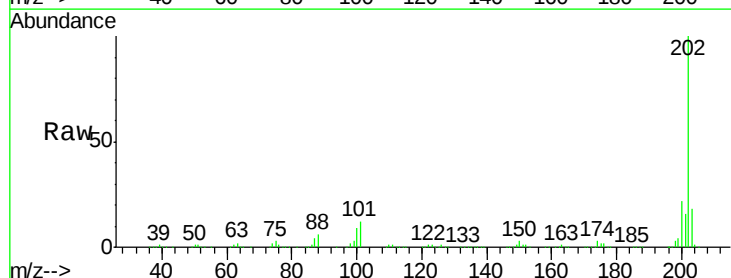
Tgt Ion:202 Resp: 1146421

Ion Ratio Lower Upper

202 100

101 12.0 0.0 35.4

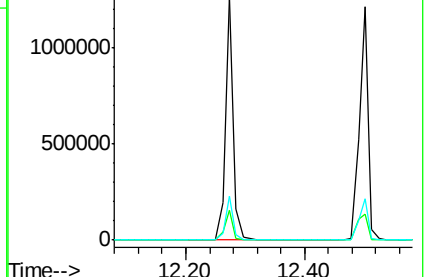
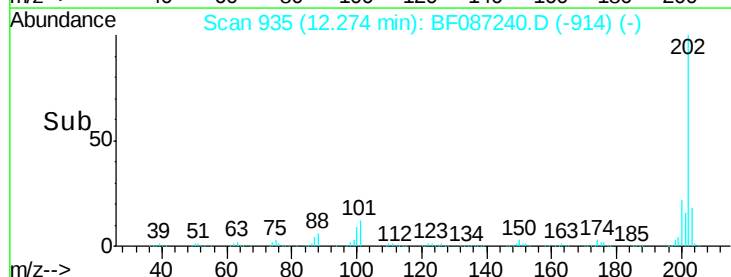
203 18.1 0.0 38.1

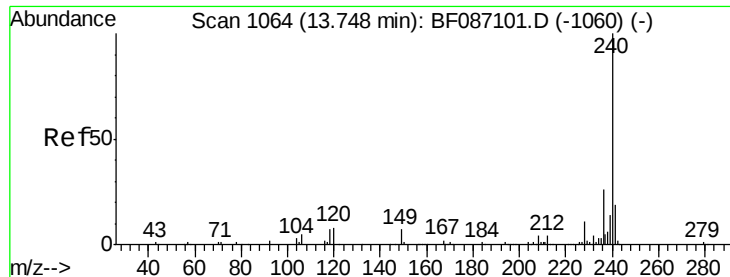


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF087240.D

Acq: 20 May 2016 22:53

Instrument :

BNA_F

ClientSampleId :

PB90703BSD

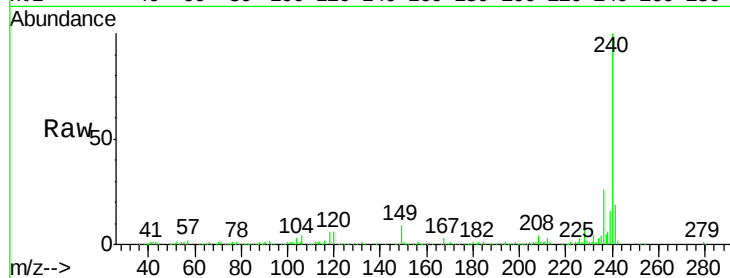
Tot Ion:240 Resp: 347849

Ion Ratio Lower Upper

240 100

120 6.5 11.2 16.8#

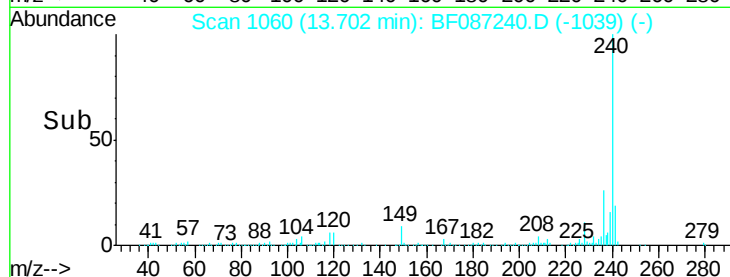
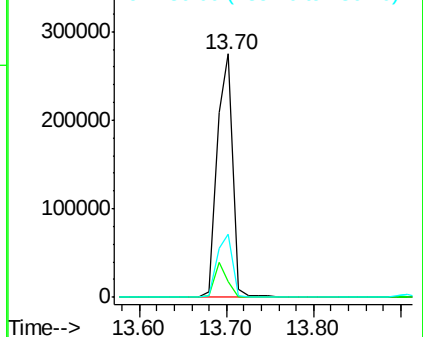
236 25.9 21.2 31.8



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: 34.30 ng

RT: 12.41 min Scan# 947

Delta R.T. -0.06 min

Lab File: BF087240.D

Acq: 20 May 2016 22:53

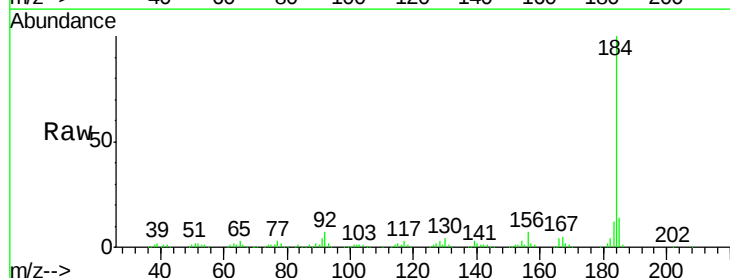
Tgt Ion:184 Resp: 352234

Ion Ratio Lower Upper

184 100

185 14.2 13.6 20.4

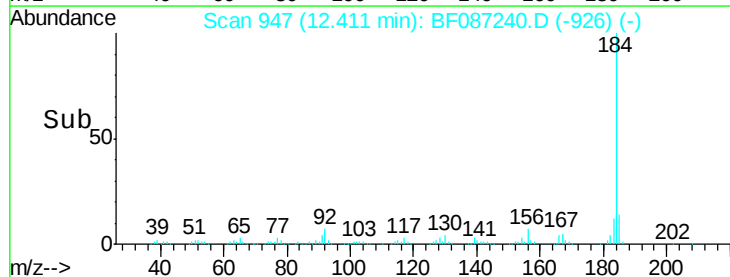
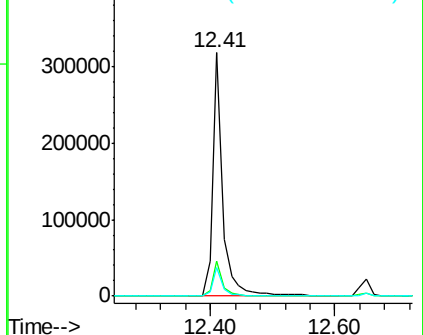
183 11.6 9.8 14.6

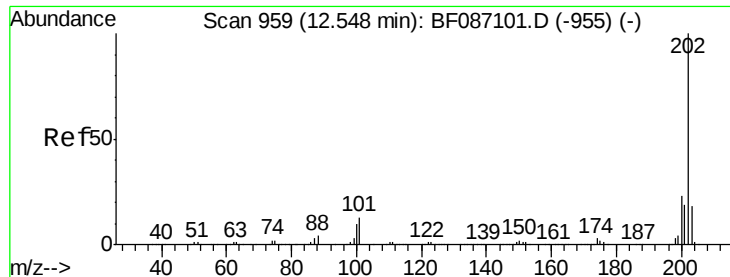


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

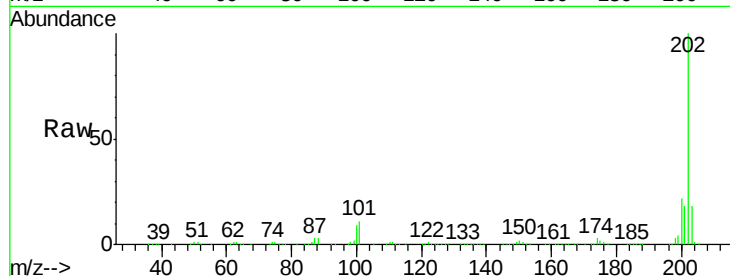




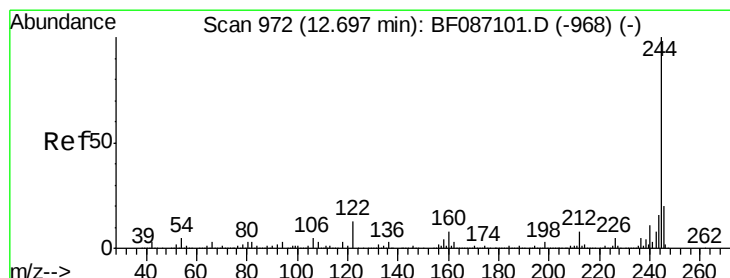
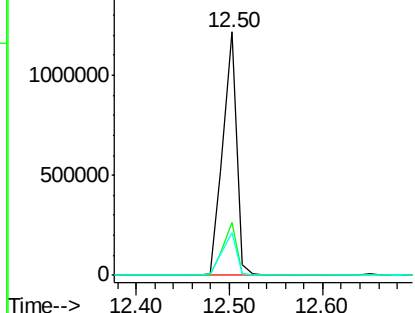
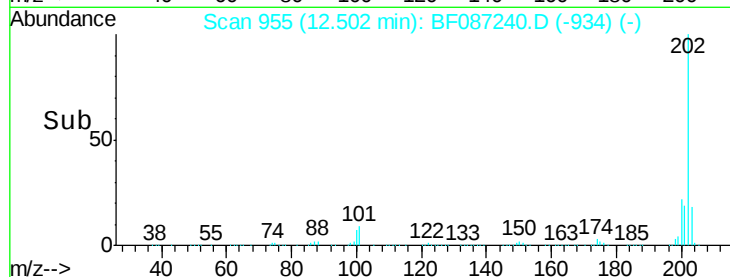
#77
Pvrene
Concen: 49.58 ng
RT: 12.50 min Scan# 955
Delta R.T. -0.06 min
Lab File: BF087240.D
Acq: 20 May 2016 22:53

Instrument :
BNA_F
ClientSampleId :
PB90703BSD

Tot Ion:202 Resp: 1245890
Ion Ratio Lower Upper
202 100
200 21.8 17.7 26.5
203 17.6 14.2 21.4

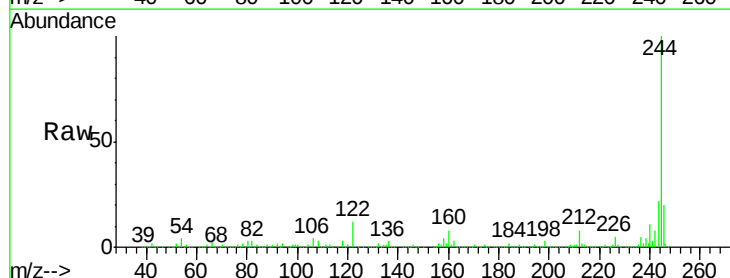


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

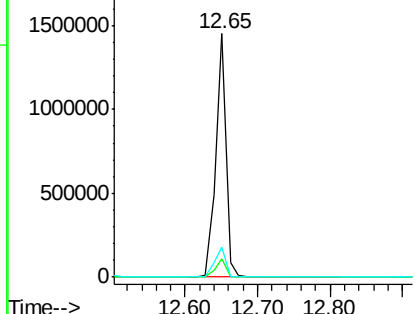
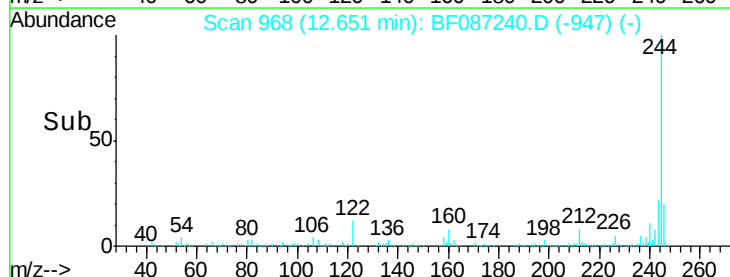


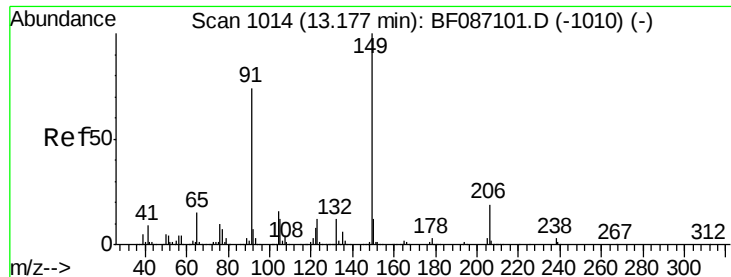
#78
Terphenyl-d14
Concen: 91.94 ng
RT: 12.65 min Scan# 968
Delta R.T. -0.06 min
Lab File: BF087240.D
Acq: 20 May 2016 22:53

Tgt Ion:244 Resp: 1413854
Ion Ratio Lower Upper
244 100
212 7.8 6.2 9.2
122 12.0 12.0 18.0



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 54.31 ng

RT: 13.13 min Scan# 1010

Delta R.T. -0.06 min

Lab File: BF087240.D

Acq: 20 May 2016 22:53

Instrument :

BNA_F

ClientSampleId :

PB90703BSD

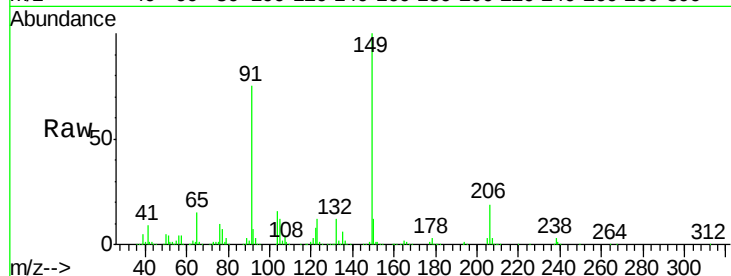
Tot Ion:149 Resp: 576171

Ion Ratio Lower Upper

149 100

91 75.2 48.0 72.0#

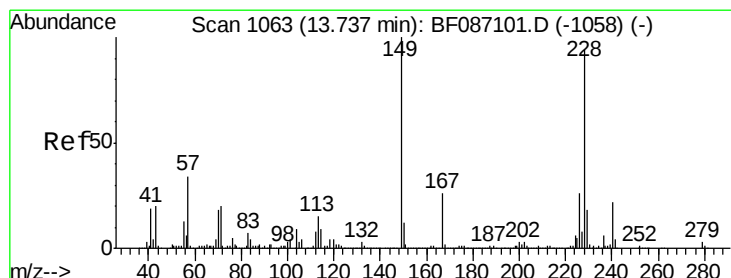
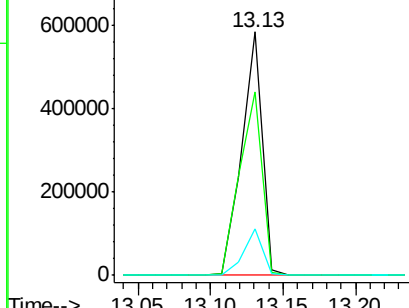
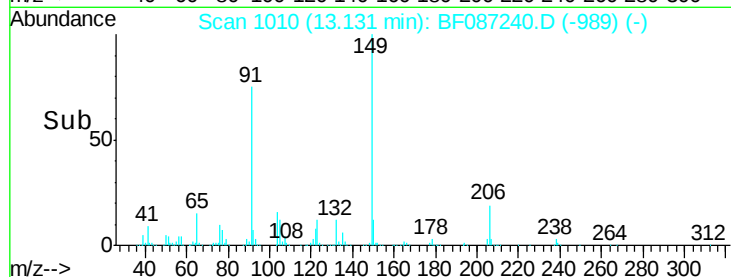
206 19.2 15.8 23.6



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: 44.53 ng

RT: 13.69 min Scan# 1059

Delta R.T. -0.06 min

Lab File: BF087240.D

Acq: 20 May 2016 22:53

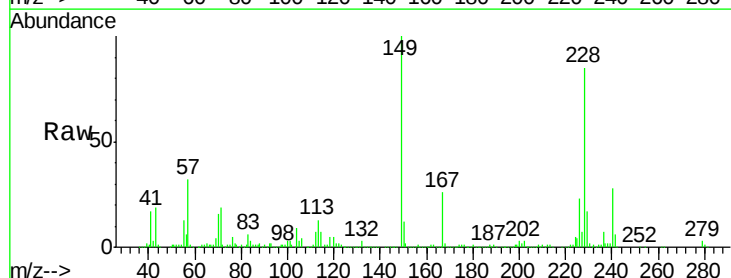
Tgt Ion:228 Resp: 895717

Ion Ratio Lower Upper

228 100

226 27.6 22.5 33.7

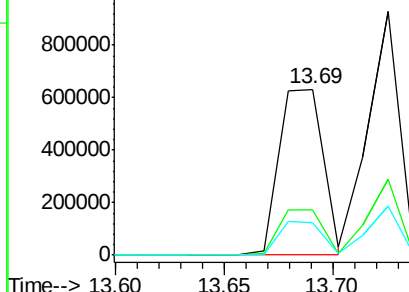
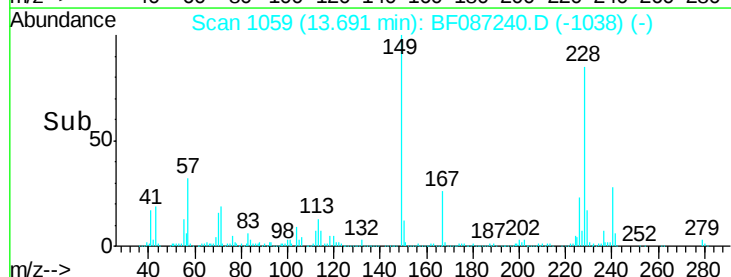
229 19.8 16.6 25.0

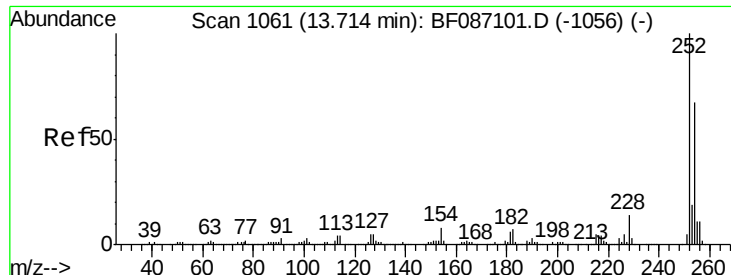


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

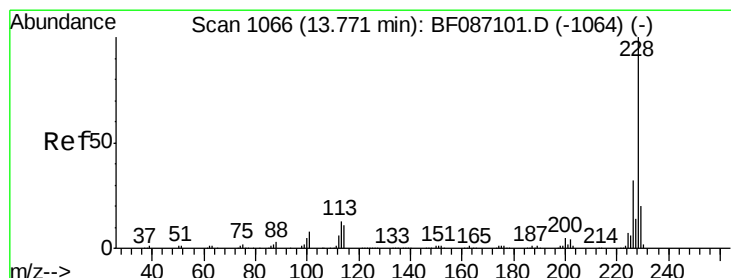
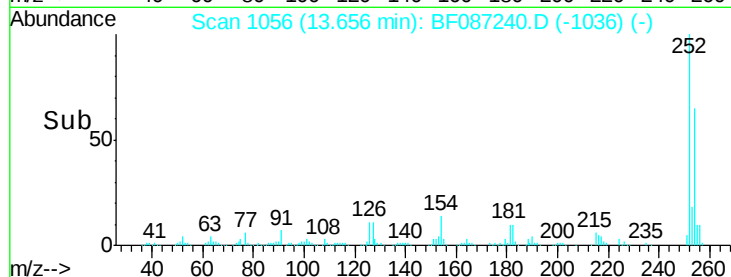
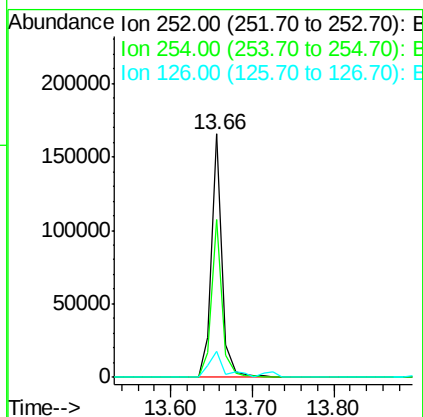
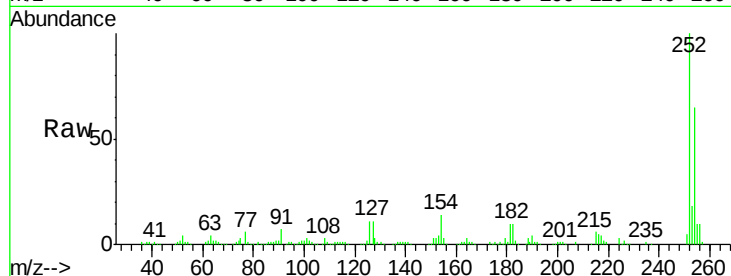




#81
 3,3'-Dichlorobenzidine
 Concen: 12.10 ng
 RT: 13.66 min Scan# 1056
 Delta R.T. -0.07 min
 Lab File: BF087240.D
 Acq: 20 May 2016 22:53

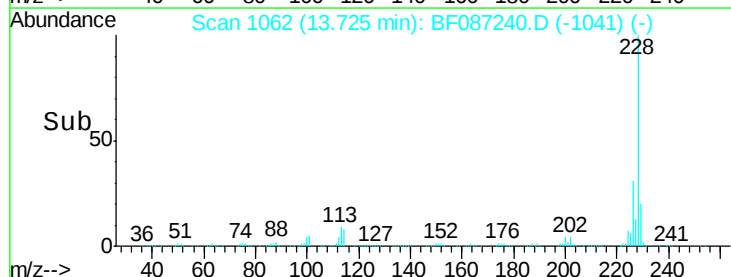
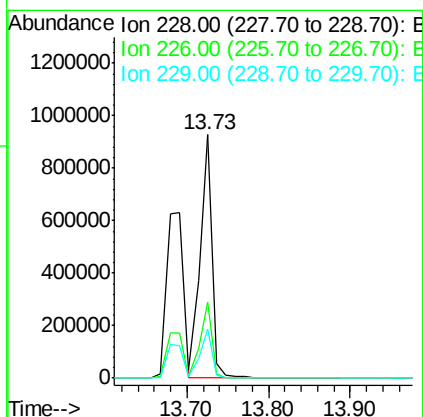
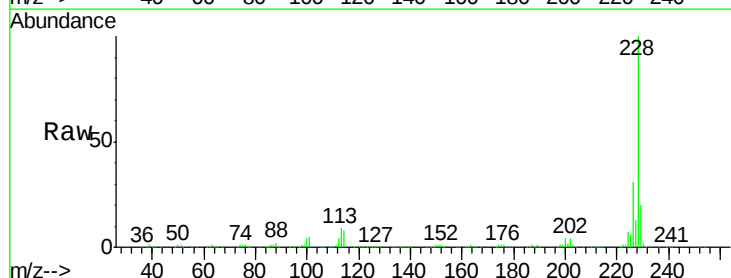
Instrument :
 BNA_F
 ClientSampleId :
 PB90703BSD

Tot Ion:252 Resp: 154893
 Ion Ratio Lower Upper
 252 100
 254 65.0 50.7 76.1
 126 10.8 12.7 19.1#



#82
 Chrysene
 Concen: 48.79 ng
 RT: 13.73 min Scan# 1062
 Delta R.T. -0.06 min
 Lab File: BF087240.D
 Acq: 20 May 2016 22:53

Tgt Ion:228 Resp: 949496
 Ion Ratio Lower Upper
 228 100
 226 31.2 24.4 36.6
 229 19.9 15.8 23.8





#83

Bis(2-ethylhexyl)phthalate

Concen: 56.72 ng

RT: 13.69 min Scan# 1059

Delta R.T. -0.06 min

Lab File: BF087240.D

Acq: 20 May 2016 22:53

Instrument :

BNA_F

ClientSampleId :

PB90703BSD

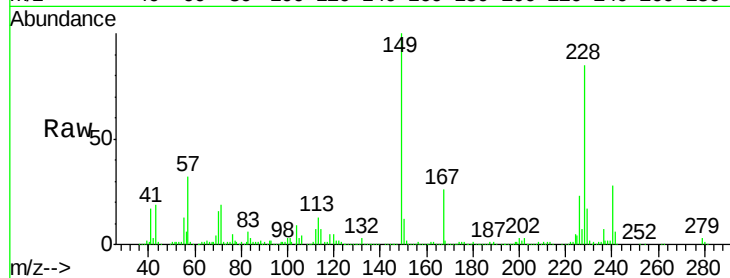
Tot Ion:149 Resp: 732316

Ion Ratio Lower Upper

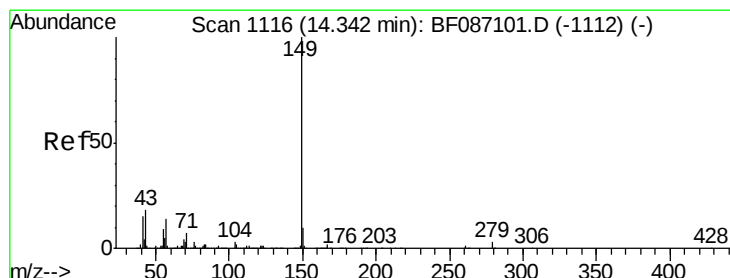
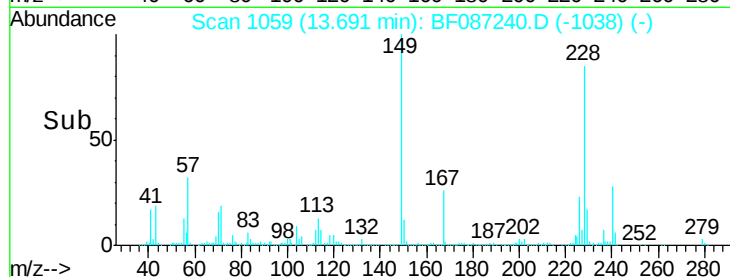
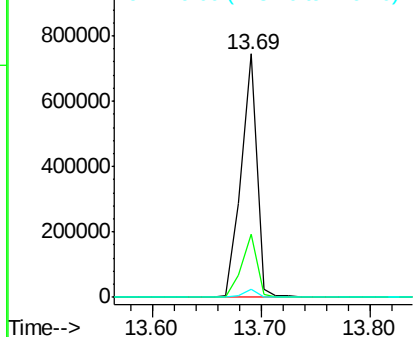
149 100

167 26.1 21.8 32.6

279 3.5 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: 54.26 ng

RT: 14.30 min Scan# 1112

Delta R.T. -0.06 min

Lab File: BF087240.D

Acq: 20 May 2016 22:53

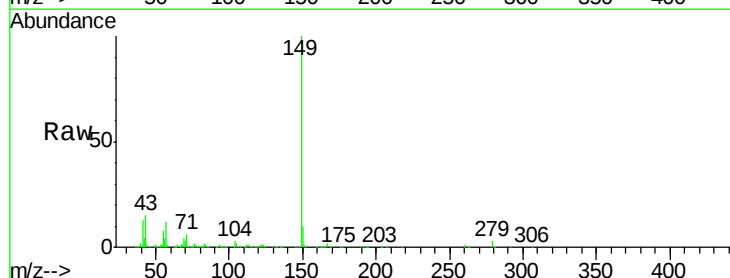
Tgt Ion:149 Resp: 1206767

Ion Ratio Lower Upper

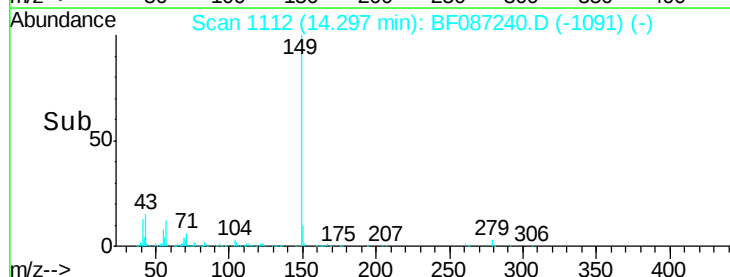
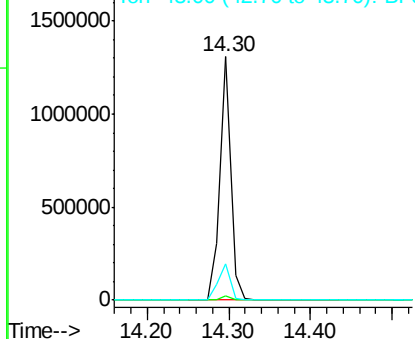
149 100

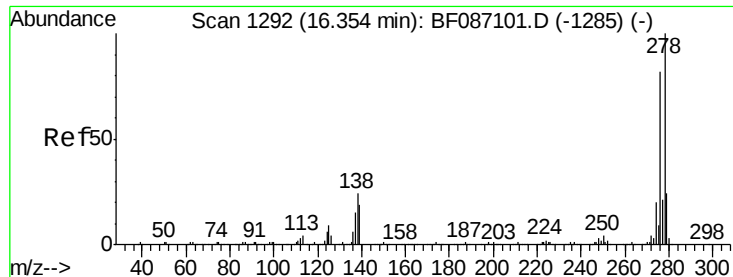
167 1.6 1.2 1.8

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

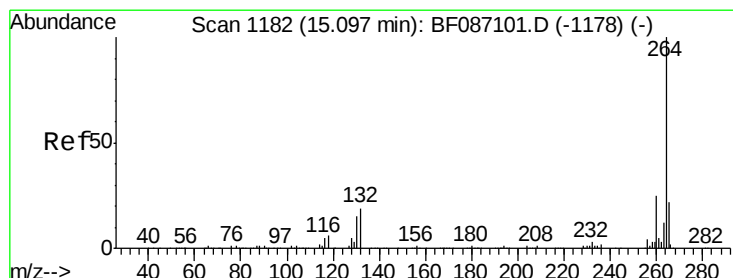
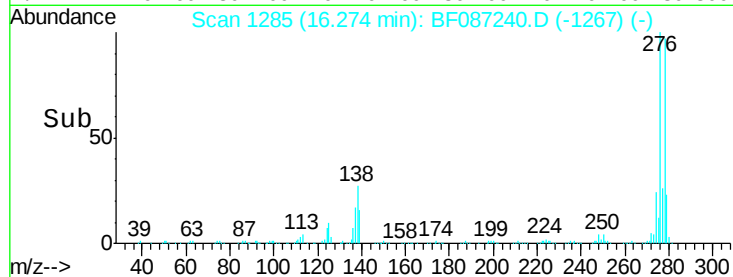
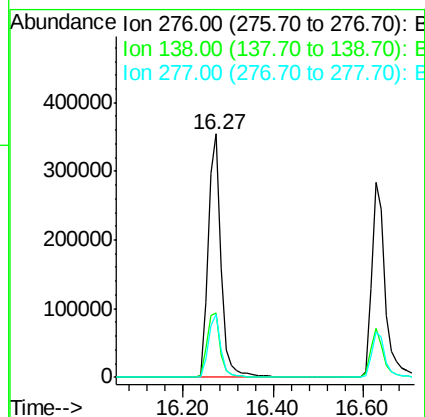
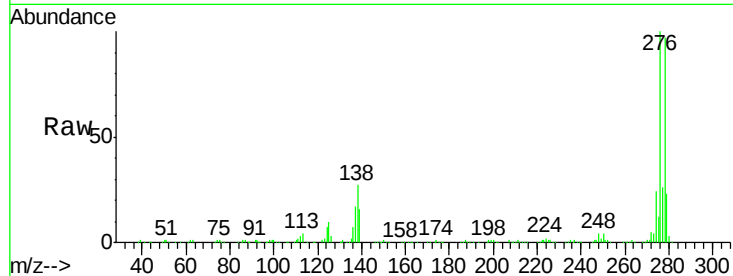




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.10 ng
 RT: 16.27 min Scan# 1285
 Delta R.T. -0.09 min
 Lab File: BF087240.D
 Acq: 20 May 2016 22:53

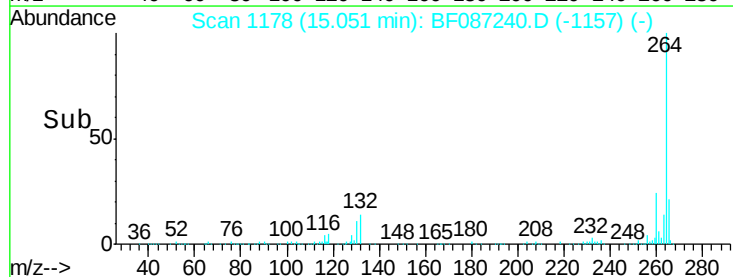
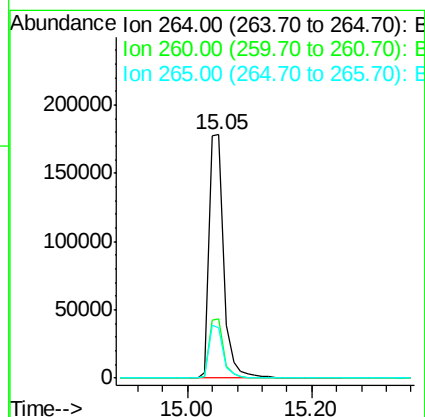
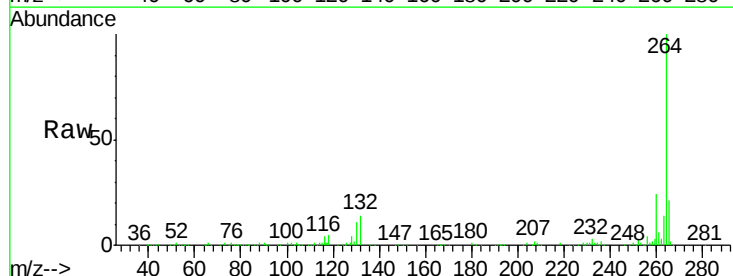
Instrument :
 BNA_F
 ClientSampleId :
 PB90703BSD

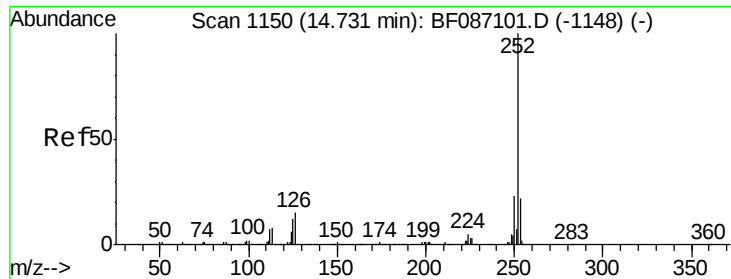
Tot Ion:276 Resp: 702083
 Ion Ratio Lower Upper
 276 100
 138 27.9 25.6 38.4
 277 25.2 20.5 30.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.05 min Scan# 1178
 Delta R.T. -0.06 min
 Lab File: BF087240.D
 Acq: 20 May 2016 22:53

Tgt Ion:264 Resp: 291841
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.5 29.3
 265 20.9 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 39.51 ng m

RT: 14.69 min Scan# 1146

Delta R.T. -0.06 min

Lab File: BF087240.D

Acq: 20 May 2016 22:53

Instrument :

BNA_F

ClientSampleId :

PB90703BSD

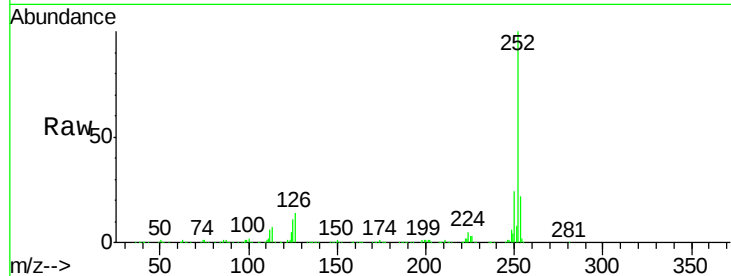
Tot Ion:252 Resp: 764869

Ion Ratio Lower Upper

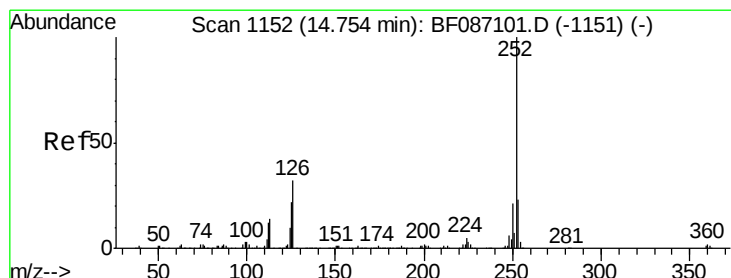
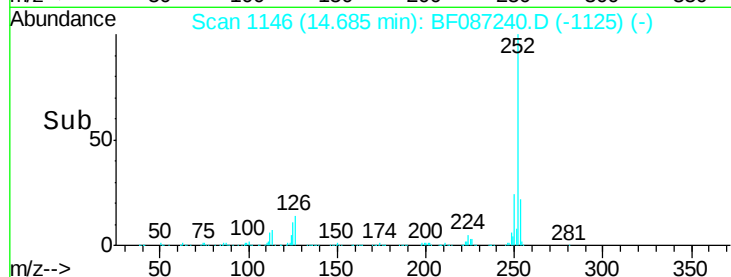
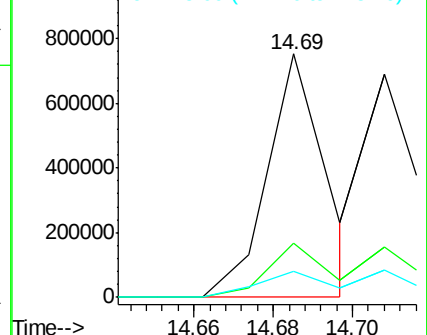
252 100

253 22.4 17.8 26.6

125 10.6 11.4 17.0#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 47.57 ng m

RT: 14.71 min Scan# 1148

Delta R.T. -0.07 min

Lab File: BF087240.D

Acq: 20 May 2016 22:53

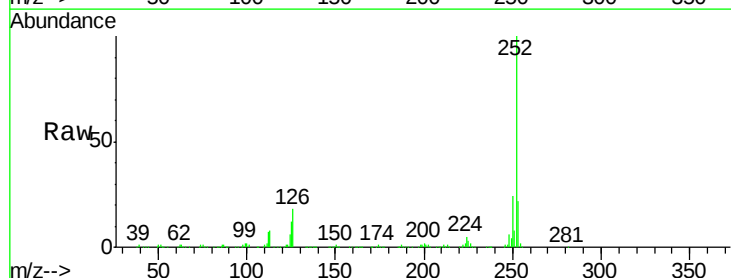
Tgt Ion:252 Resp: 685692

Ion Ratio Lower Upper

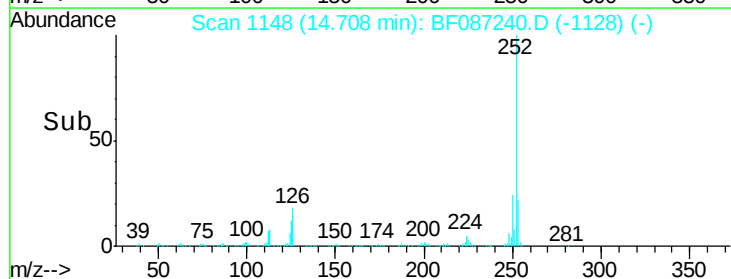
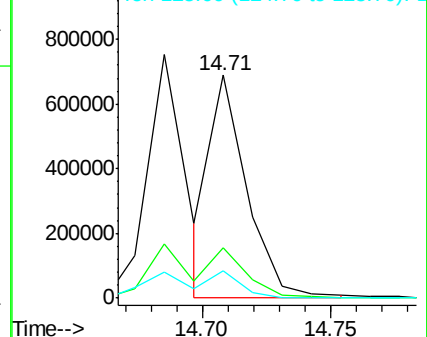
252 100

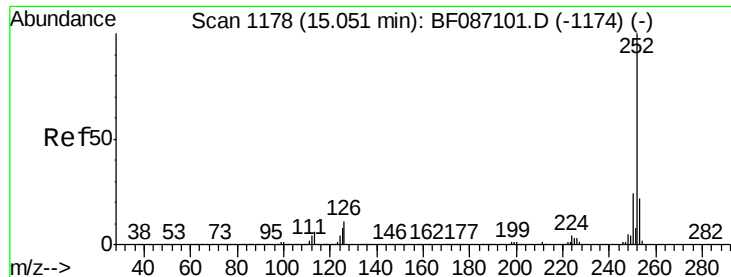
253 22.5 17.8 26.6

125 12.3 9.1 13.7



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

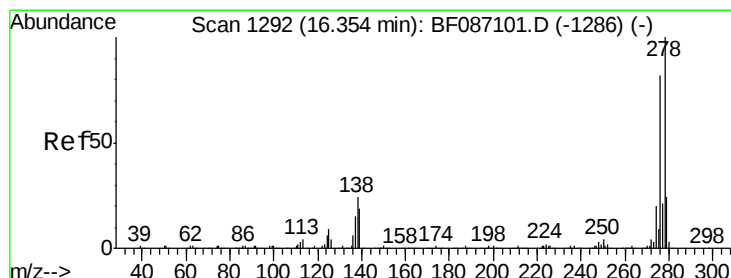
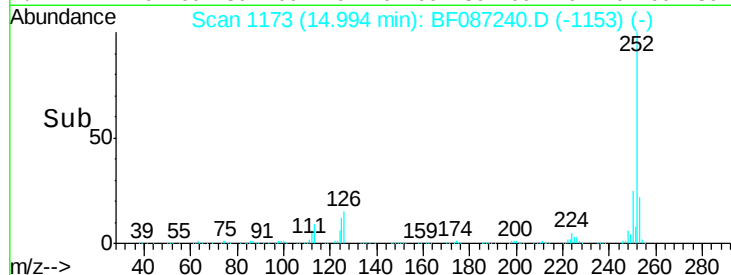
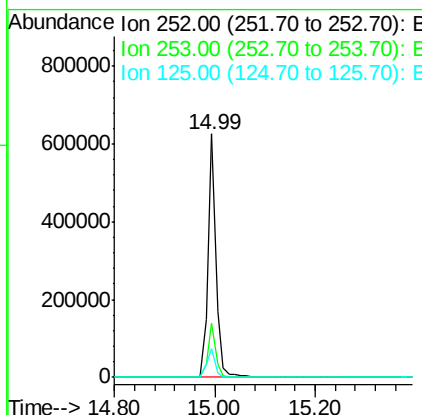
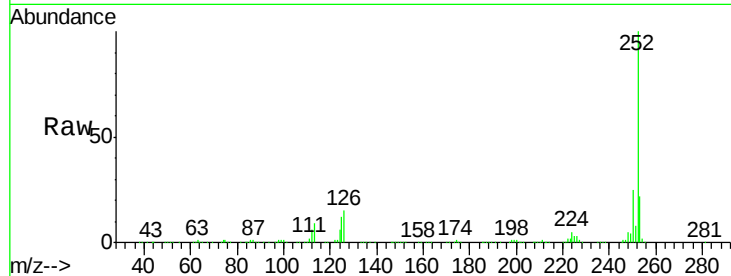




#89
Benzo(a)pyrene
Concen: 42.48 ng
RT: 14.99 min Scan# 1173
Delta R.T. -0.07 min
Lab File: BF087240.D
Acq: 20 May 2016 22:53

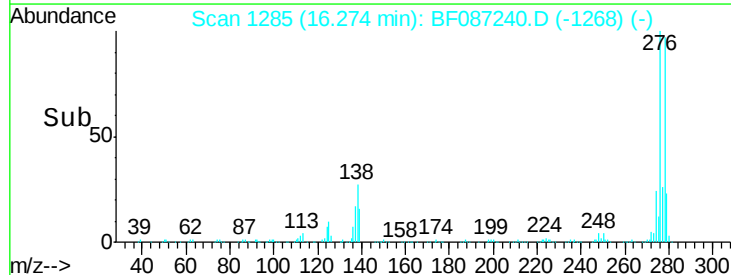
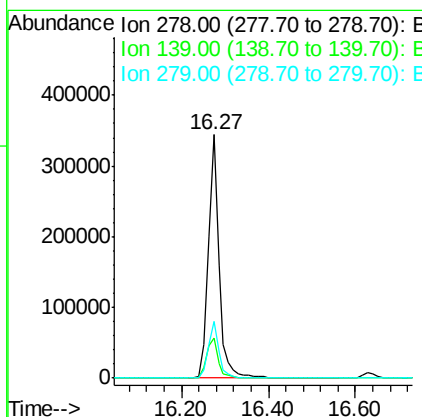
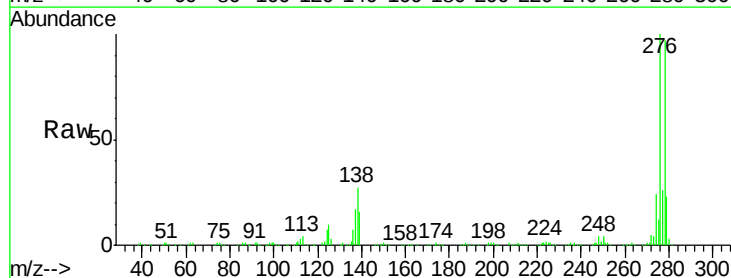
Instrument :
BNA_F
ClientSampleId :
PB90703BSD

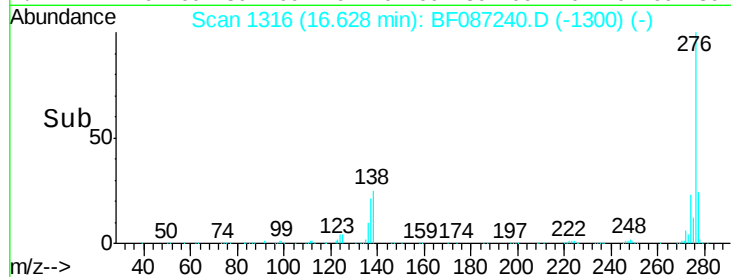
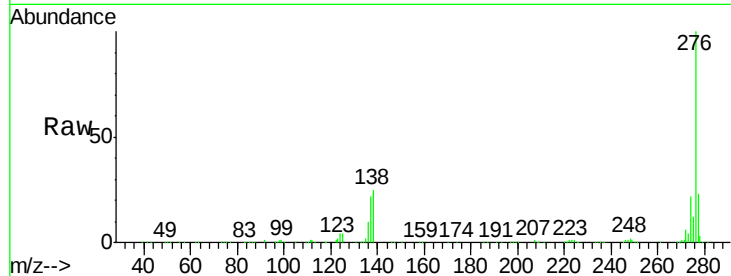
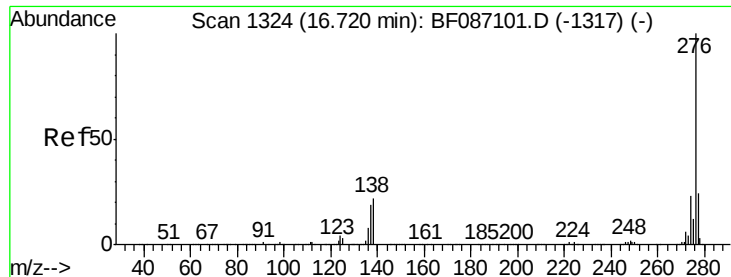
Tot Ion:252 Resp: 687475
Ion Ratio Lower Upper
252 100
253 22.4 17.2 25.8
125 11.6 9.0 13.6



#90
Dibenzo(a,h)anthracene
Concen: 43.74 ng
RT: 16.27 min Scan# 1285
Delta R.T. -0.10 min
Lab File: BF087240.D
Acq: 20 May 2016 22:53

Tgt Ion:278 Resp: 596037
Ion Ratio Lower Upper
278 100
139 16.6 16.6 24.8
279 23.4 19.6 29.4





#91

Benzo(a,h,i)perylene

Concen: 43.70 ng

RT: 16.63 min Scan# 1316

Delta R.T. -0.11 min

Lab File: BF087240.D

Acq: 20 May 2016 22:53

Instrument :

BNA_F

ClientSampleId :

PB90703BSD

Tot Ion:276 Resp: 601434

Ion Ratio Lower Upper

276 100

277 23.4 19.6 29.4

138 25.1 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

