

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052016\
 Data File : BF087235.D
 Acq On : 20 May 2016 20:26
 Operator : UM/SJ
 Sample : PB90764BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90764BSD

Quant Time: May 20 23:24:35 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	128932	20.00	ng	-0.05
21) Naphthalene-d8	7.85	136	548871	20.00	ng	-0.05
38) Acenaphthene-d10	9.59	164	265574	20.00	ng	-0.06
63) Phenanthrene-d10	11.07	188	504351	20.00	ng	-0.05
75) Chrysene-d12	13.70	240	333725	20.00	ng	-0.06
86) Perylene-d12	15.04	264	280251	20.00	ng	-0.07

System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	663896	86.55	ng	-0.05
7) Phenol-d6	6.23	99	803361	78.09	ng	-0.06
23) Nitrobenzene-d5	7.14	82	895111	81.28	ng	-0.05
41) 2,4,6-Tribromophenol	10.39	330	223943	76.31	ng	-0.06
44) 2-Fluorobiphenyl	8.92	172	1323202	82.52	ng	-0.06
78) Terphenyl-d14	12.65	244	1331677	90.27	ng	-0.06

Target Compounds						Qvalue
2) 1,4-Dioxane	2.04	88	121361	30.76	ng	# 63
3) Pyridine	2.66	79	318555	33.37	ng	# 68
4) n-Nitrosodimethylamine	2.63	42	263497	38.96	ng	# 47
6) Aniline	6.23	93	247188	18.92	ng	# 70
8) 2-Chlorophenol	6.34	128	390346	41.82	ng	# 81
9) Benzaldehyde	6.11	77	86328	12.81	ng	96
10) Phenol	6.24	94	512762	39.65	ng	# 69
11) bis(2-Chloroethyl)ether	6.31	93	394357	40.61	ng	95
12) 1,3-Dichlorobenzene	6.73	146	350440	35.32	ng	99
13) 1,4-Dichlorobenzene	6.73	146	354520	34.93	ng	98
14) 1,2-Dichlorobenzene	6.73	146	357675	40.25	ng	97
15) Benzyl Alcohol	6.73	79	364109	47.54	ng	93
16) 2,2'-oxybis(1-Chloropropan	6.86	45	766938	38.42	ng	59
17) 2-Methylphenol	6.86	107	322023	42.01	ng	# 79
18) Hexachloroethane	7.06	117	158805	40.92	ng	95
19) n-Nitroso-di-n-propylamine	6.99	70	324194	41.45	ng	# 70
20) 3+4-Methylphenols	7.02	107	443531	43.87	ng	# 59
22) Acetophenone	6.98	105	555642	41.37	ng	# 98
24) Nitrobenzene	7.15	77	449673	37.40	ng	96
25) Isophorone	7.39	82	830812	41.21	ng	98
26) 2-Nitrophenol	7.47	139	213135	42.79	ng	# 79
27) 2,4-Dimethylphenol	7.53	122	361066	42.47	ng	# 85
28) bis(2-Chloroethoxy)methane	7.61	93	486443	43.95	ng	# 98
29) 2,4-Dichlorophenol	7.72	162	349428	46.65	ng	97
30) 1,2,4-Trichlorobenzene	7.79	180	357191	42.97	ng	98
31) Naphthalene	7.86	128	1099820	41.01	ng	99
32) Benzoic acid	7.70	122	191421	37.78	ng	# 80
33) 4-Chloroaniline	7.94	127	113119	10.15	ng	96
34) Hexachlorobutadiene	7.99	225	207349	43.96	ng	98
35) Caprolactam	8.32	113	64199	25.74	ng	# 61
36) 4-Chloro-3-methylphenol	8.44	107	370816	41.04	ng	89
37) 2-Methylnaphthalene	8.56	142	746278	43.50	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	8.73	216	329059	42.42	ng	99
40) Hexachlorocyclopentadiene	8.71	237	253627	84.22	ng	96

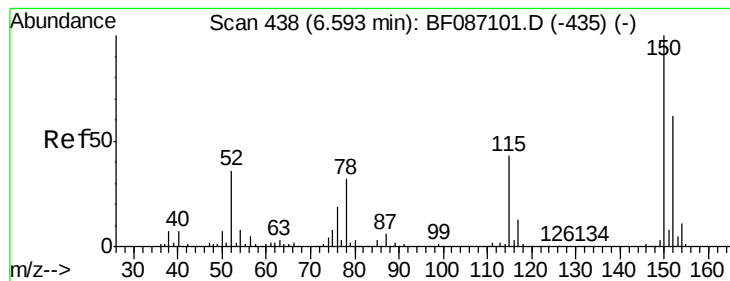
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42) 2,4,6-Trichlorophenol	8.86	196	214325	42.61	ng	91
43) 2,4,5-Trichlorophenol	8.90	196	224169	42.90	ng	# 89
45) 1,1'-Biphenyl	9.03	154	988950	44.91	ng	99
46) 2-Chloronaphthalene	9.05	162	740897	43.83	ng	98
47) 2-Nitroaniline	9.16	65	279430	43.13	ng	99
48) Acenaphthylene	9.45	152	1052088	40.76	ng	98
49) Dimethylphthalate	9.34	163	847608	41.84	ng	99
50) 2,6-Dinitrotoluene	9.40	165	197497	44.90	ng	90
51) Acenaphthene	9.62	154	631407	39.15	ng	98
52) 3-Nitroaniline	9.58	138	77204	16.21	ng	# 92
53) 2,4-Dinitrophenol	9.69	184	184558	73.62	ng	# 80
54) Dibenzofuran	9.80	168	979418	46.96	ng	98
55) 4-Nitrophenol	9.79	139	627602	126.46	ng	# 26
56) 2,4-Dinitrotoluene	9.82	165	249353	44.26	ng	# 67
57) Fluorene	10.14	166	693510	41.39	ng	100
58) 2,3,4,6-Tetrachlorophenol	9.93	232	203912	50.10	ng	97
59) Diethylphthalate	10.03	149	840932	43.48	ng	99
60) 4-Chlorophenyl-phenylether	10.14	204	367520	46.27	ng	92
61) 4-Nitroaniline	10.19	138	184060	39.15	ng	# 71
62) Azobenzene	10.30	77	1079678	48.45	ng	87
64) 4,6-Dinitro-2-methylphenol	10.23	198	134274	40.42	ng	89
65) n-Nitrosodiphenylamine	10.26	169	687979	43.35	ng	99
66) 4-Bromophenyl-phenylether	10.62	248	220541	42.52	ng	89
67) Hexachlorobenzene	10.68	284	240152	39.94	ng	# 80
68) Atrazine	10.80	200	237826	45.93	ng	94
69) Pentachlorophenol	10.89	266	184611	81.73	ng	97
70) Phenanthrene	11.10	178	1207936	44.16	ng	99
71) Anthracene	11.14	178	1110897	40.15	ng	100
72) Carbazole	11.31	167	1068646	42.28	ng	99
73) Di-n-butylphthalate	11.64	149	1364695	47.01	ng	# 99
74) Fluoranthene	12.27	202	1121396	40.92	ng	96
76) Benzidine	12.41	184	260488	24.67	ng	95
77) Pyrene	12.50	202	1207190	50.07	ng	100
79) Butylbenzylphthalate	13.13	149	575037	56.50	ng	# 88
80) Benzo(a)anthracene	13.68	228	865658	44.86	ng	100
81) 3,3'-Dichlorobenzidine	13.66	252	164363	13.39	ng	# 96
82) Chrysene	13.73	228	935497	50.11	ng	99
83) Bis(2-ethylhexyl)phthalate	13.69	149	710826	57.39	ng	99
84) Di-n-octyl phthalate	14.30	149	1176063	55.12	ng	# 86
85) Indeno(1,2,3-cd)pyrene	16.27	276	681670	41.60	ng	96
87) Benzo(b)fluoranthene	14.69	252	1452918	78.15	ng	# 96
88) Benzo(k)fluoranthene	14.69	252	1453754	105.03	ng	99
89) Benzo(a)pyrene	14.99	252	681021	43.82	ng	99
90) Dibenzo(a,h)anthracene	16.27	278	577486	44.14	ng	97
91) Benzo(g,h,i)perylene	16.63	276	578310	43.76	ng	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.56 min Scan# 435

Delta R.T. -0.05 min

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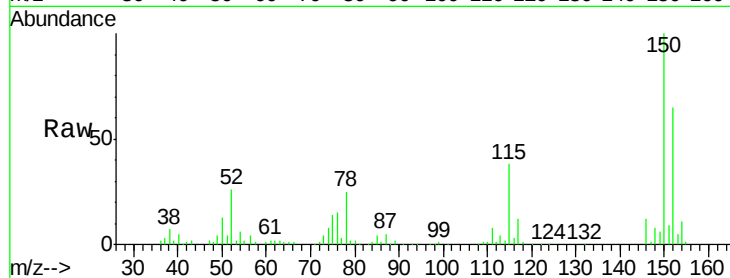
Tgt Ion: 152 Resp: 128932

Ion Ratio Lower Upper

152 100

150 154.4 125.8 188.6

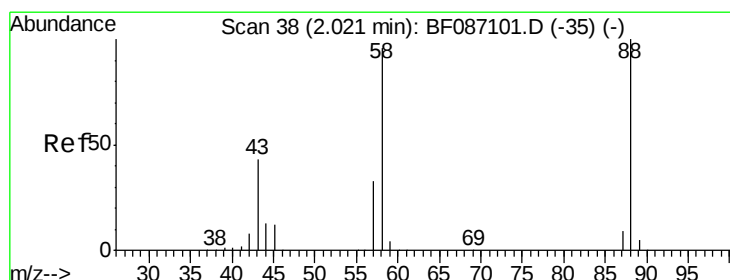
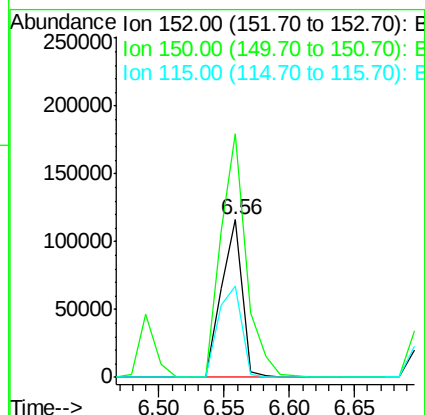
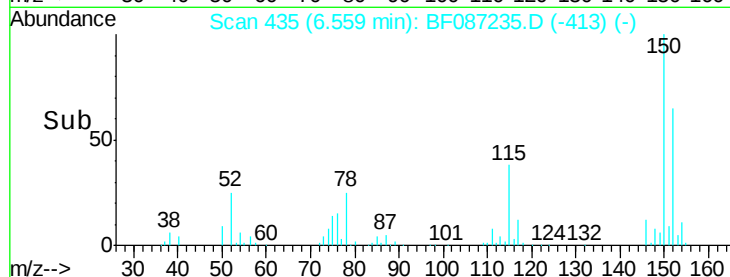
115 57.9 51.5 77.3



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: 30.76 ng

RT: 2.04 min Scan# 40

Delta R.T. -0.01 min

Lab File: BF087235.D

Acq: 20 May 2016 20:26

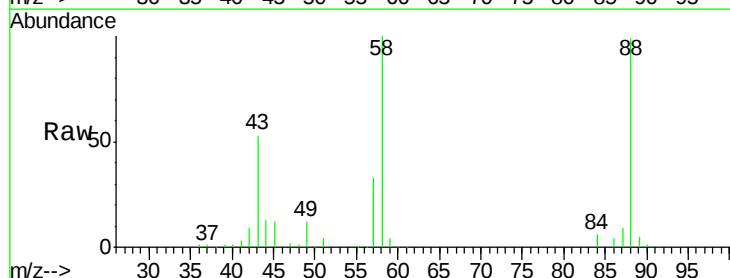
Tgt Ion: 88 Resp: 121361

Ion Ratio Lower Upper

88 100

58 98.2 59.6 89.4#

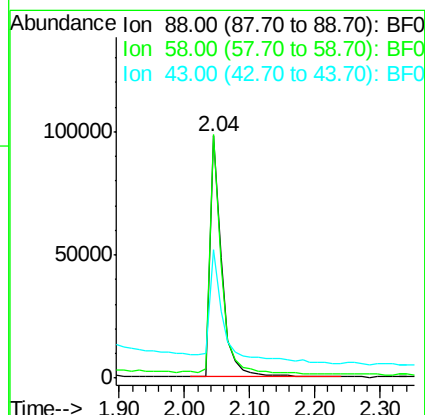
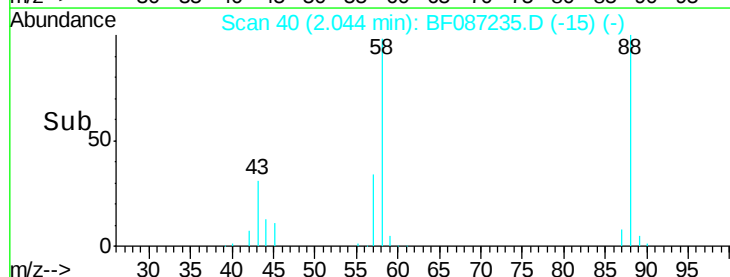
43 59.6 21.8 32.6#

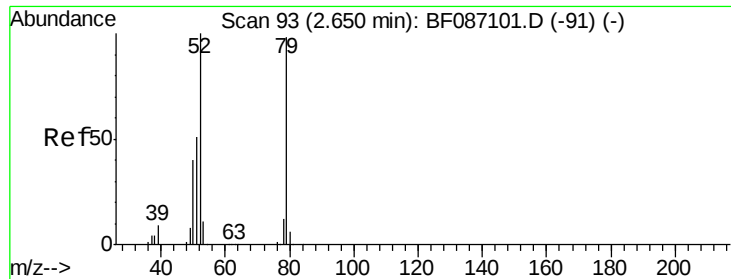


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 33.37 ng

RT: 2.66 min Scan# 94

Delta R.T. -0.02 min

Lab File: BF087235.D

Acq: 20 May 2016 20:26

Instrument :

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PB90764BSD

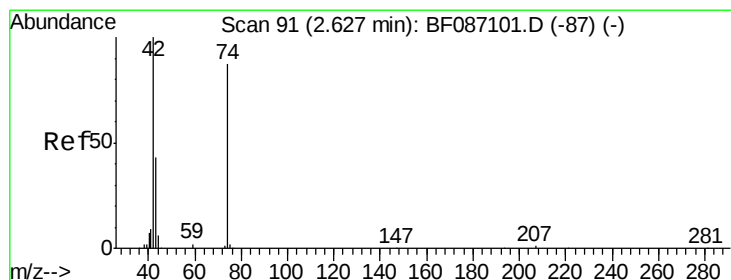
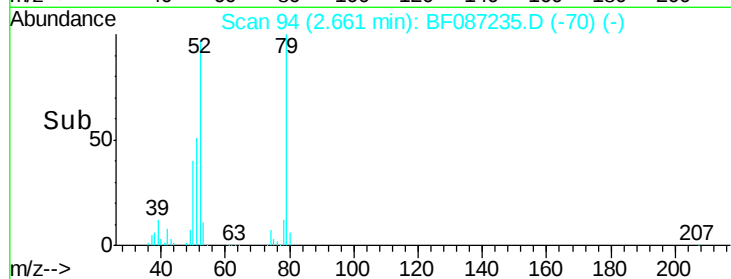
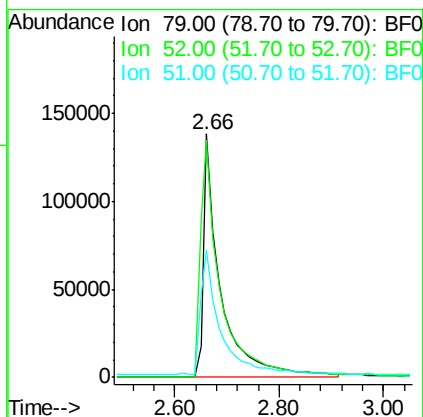
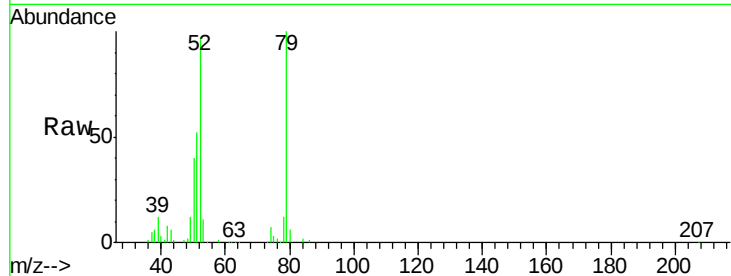
Tgt Ion: 79 Resp: 318555

Ion Ratio Lower Upper

79 100

52 97.2 55.9 83.9#

51 52.2 28.1 42.1#



#4

n-Nitrosodimethylamine

Concen: 38.96 ng

RT: 2.63 min Scan# 91

Delta R.T. -0.03 min

Lab File: BF087235.D

Acq: 20 May 2016 20:26

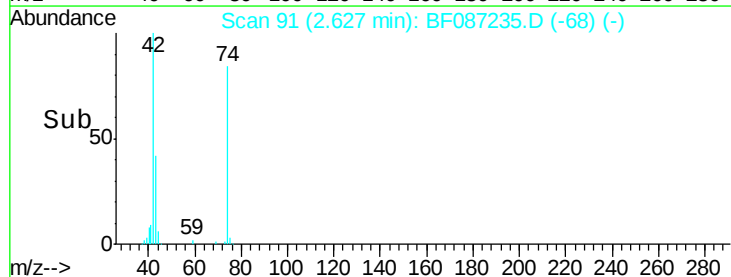
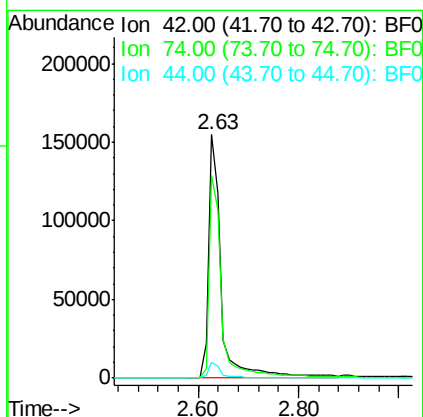
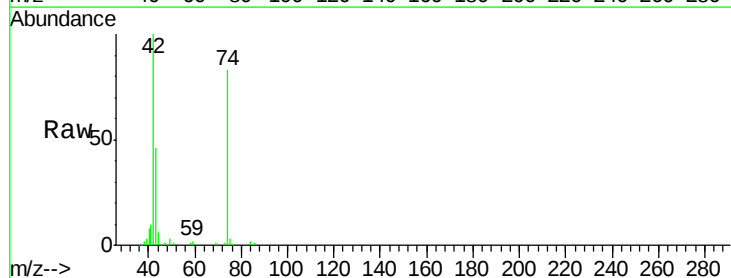
Tgt Ion: 42 Resp: 263497

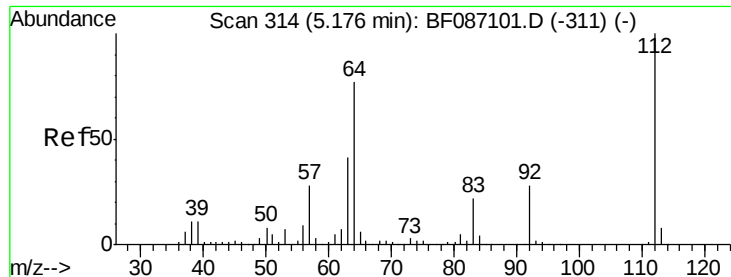
Ion Ratio Lower Upper

42 100

74 83.3 123.4 185.0#

44 6.3 5.8 8.6





#5

2-Fluorophenol

Concen: 86.55 ng

RT: 5.15 min Scan# 312

Delta R.T. -0.05 min

Lab File: BF087235.D

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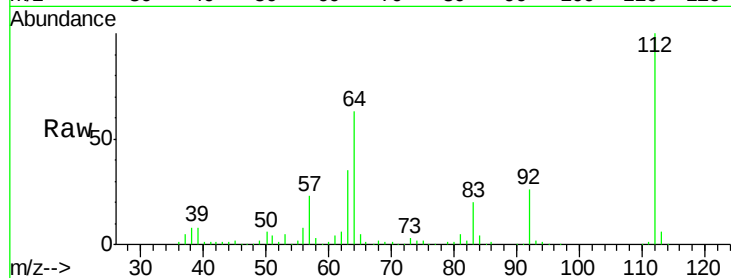
Tgt Ion: 112 Resp: 663896

Ion Ratio Lower Upper

112 100

64 63.1 52.1 78.1

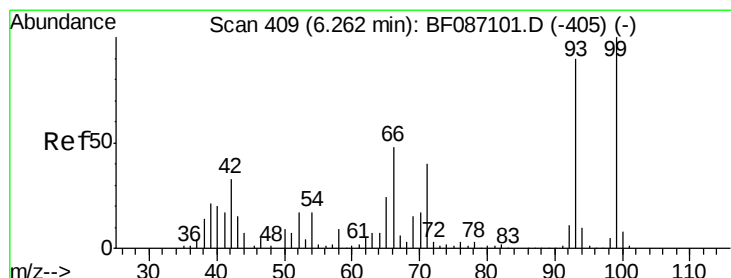
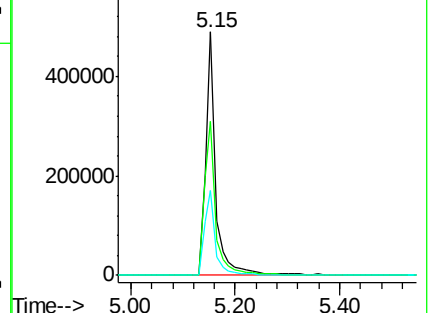
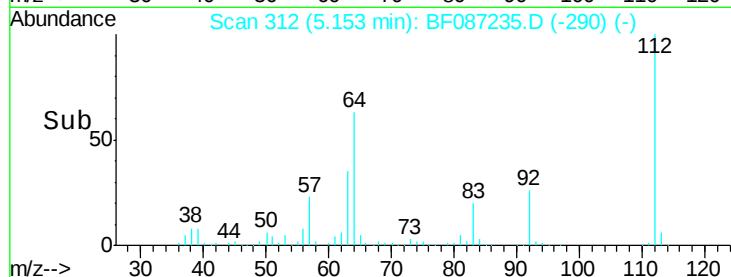
63 34.7 25.7 38.5



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: 18.92 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.05 min

Lab File: BF087235.D

Acq: 20 May 2016 20:26

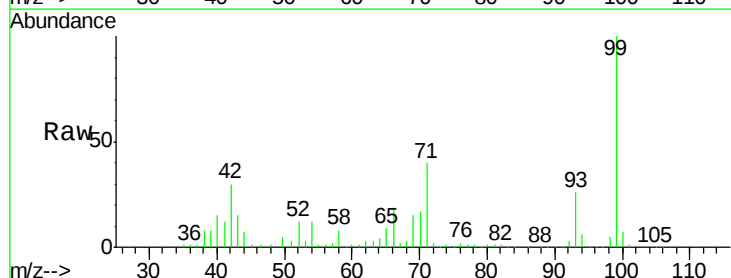
Tgt Ion: 93 Resp: 247188

Ion Ratio Lower Upper

93 100

66 74.8 39.0 58.6#

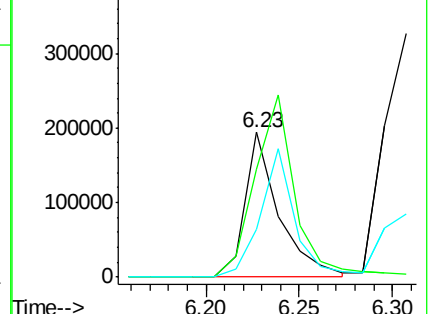
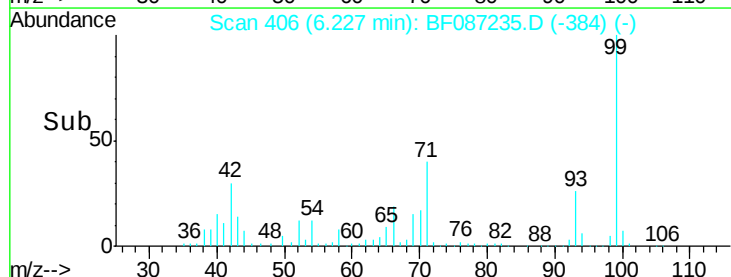
65 33.2 20.6 31.0#

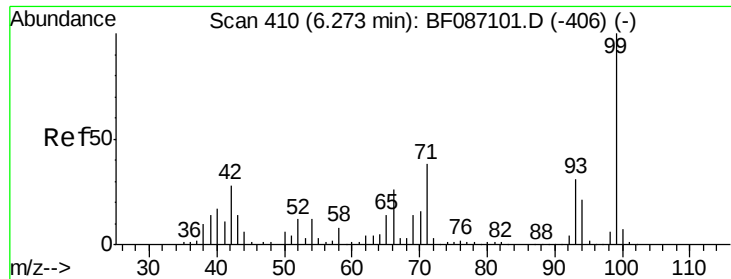


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 78.09 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.06 min

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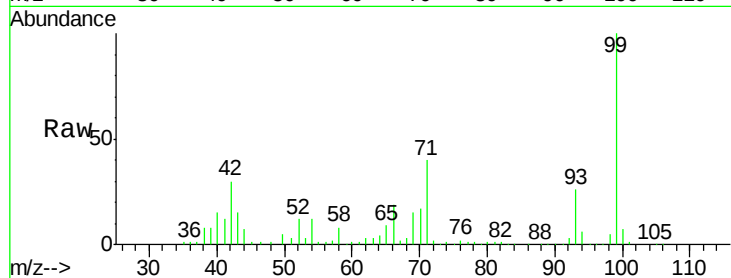
Tgt Ion: 99 Resp: 803361

Ion Ratio Lower Upper

99 100

42 30.1 13.6 20.4#

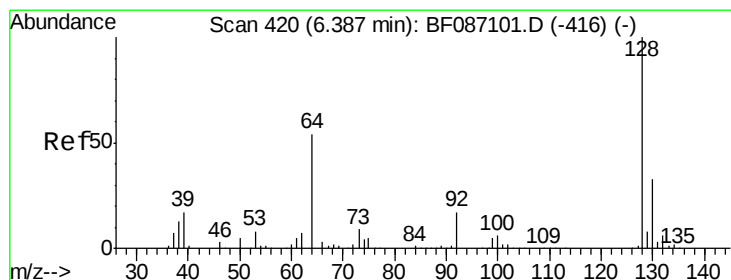
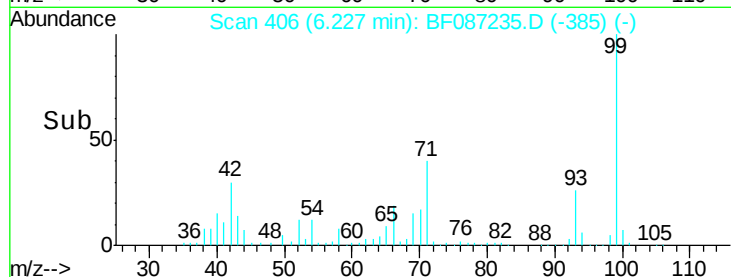
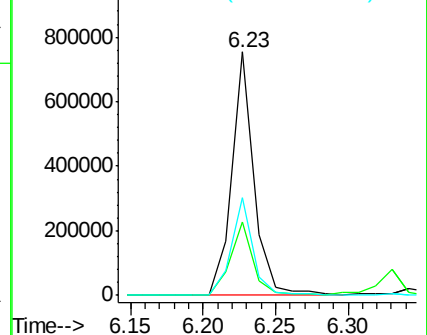
71 40.0 24.6 36.8#



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: 41.82 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.06 min

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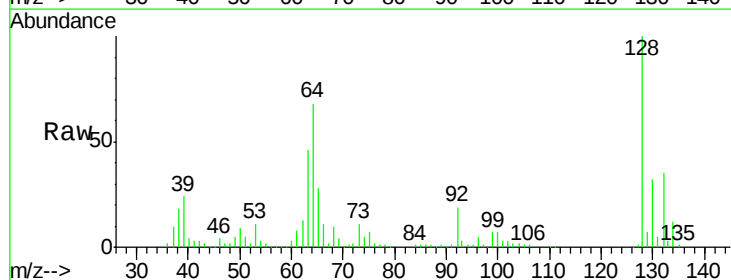
Tgt Ion: 128 Resp: 390346

Ion Ratio Lower Upper

128 100

130 32.1 12.5 52.5

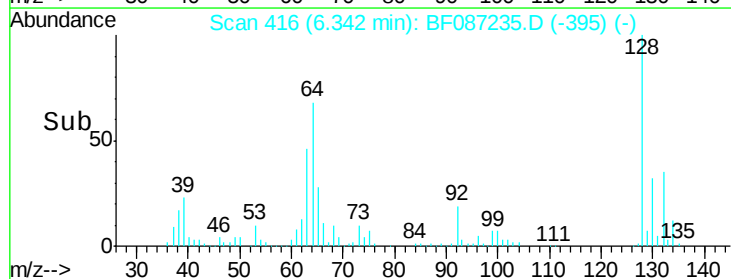
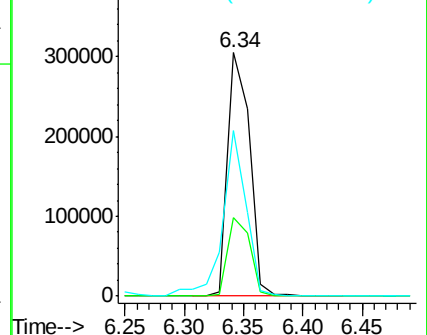
64 68.2 27.3 67.3#

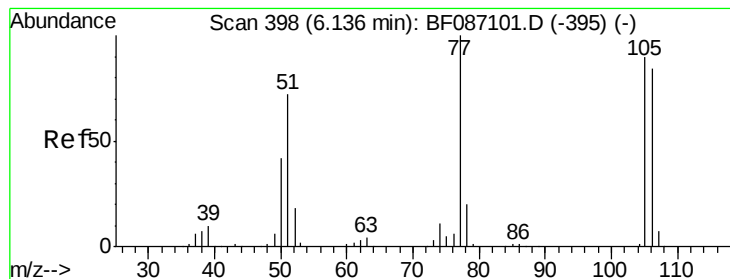


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 12.81 ng

RT: 6.11 min Scan# 396

Delta R.T. -0.03 min

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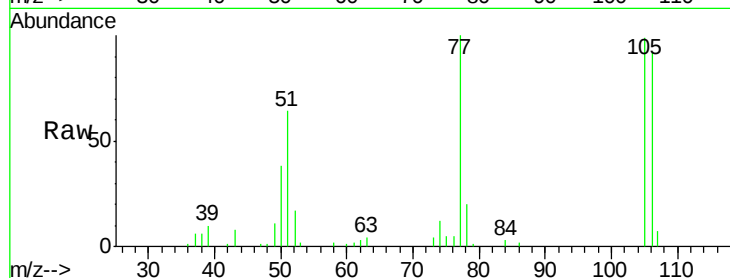
Tgt Ion: 77 Resp: 86328

Ion Ratio Lower Upper

77 100

105 98.8 72.7 112.7

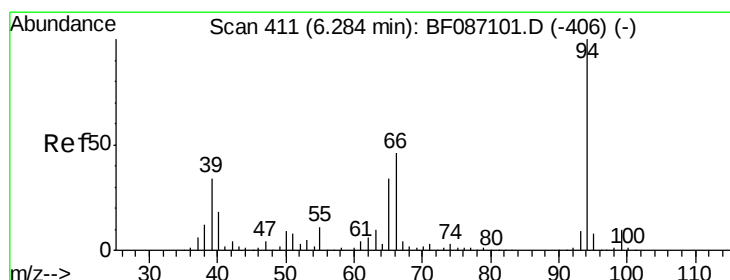
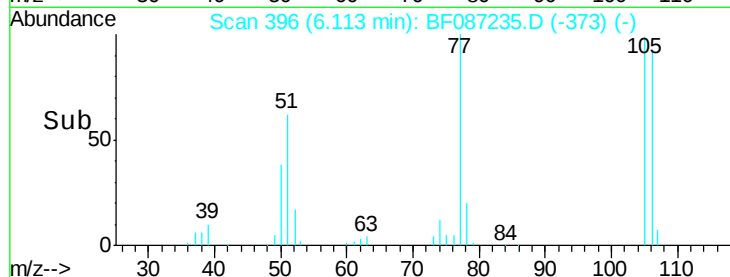
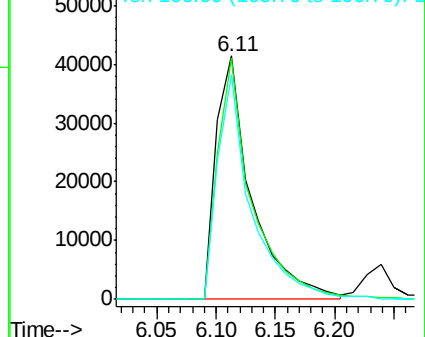
106 92.3 70.8 110.8



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: 39.65 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.06 min

Lab File: BF087235.D

Acq: 20 May 2016 20:26

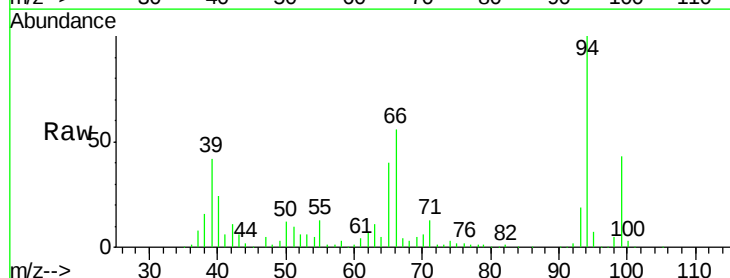
Tgt Ion: 94 Resp: 512762

Ion Ratio Lower Upper

94 100

65 39.8 7.2 47.2

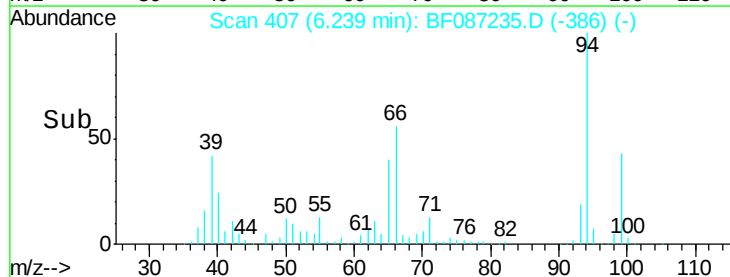
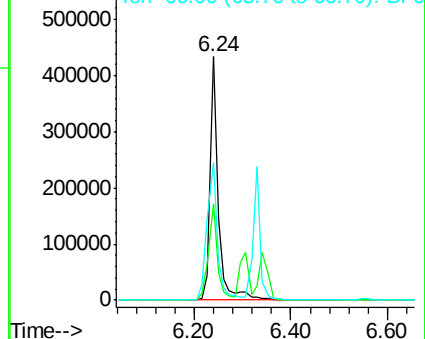
66 56.3 14.9 54.9#

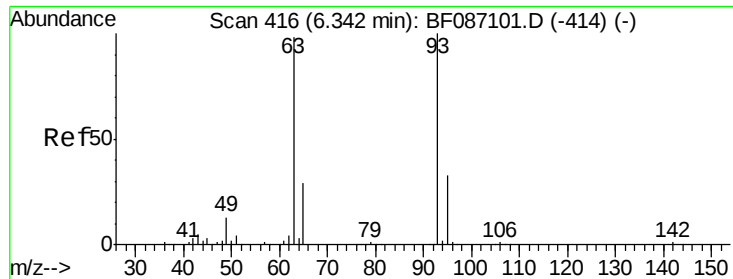


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 40.61 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.05 min

Lab File: BF087235.D

Acq: 20 May 2016 20:26

Instrument :

BNA_F

ClientSampleId :

PB90764BSD

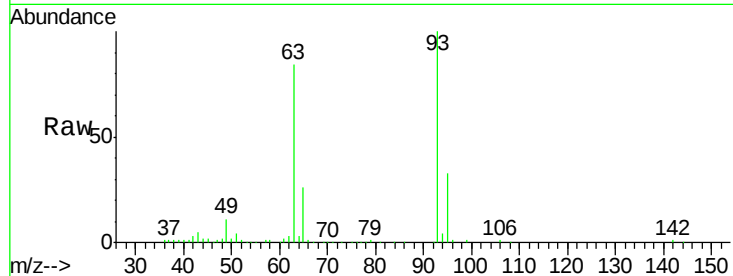
Tgt Ion: 93 Resp: 394357

Ion Ratio Lower Upper

93 100

63 84.1 58.0 98.0

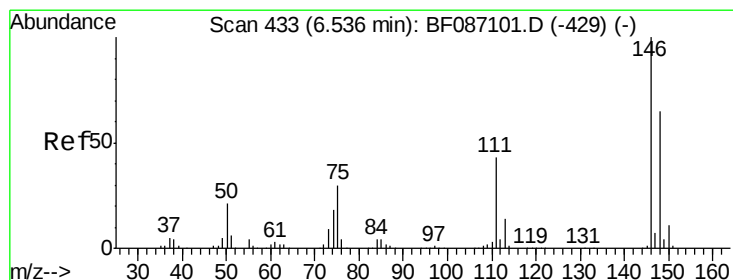
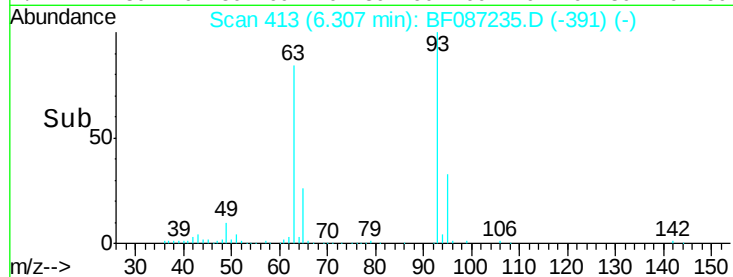
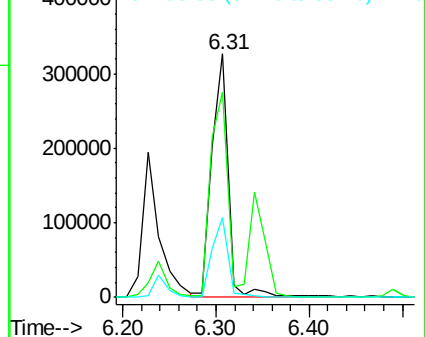
95 32.7 11.9 51.9



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 35.32 ng

RT: 6.73 min Scan# 450

Delta R.T. 0.18 min

Lab File: BF087235.D

Acq: 20 May 2016 20:26

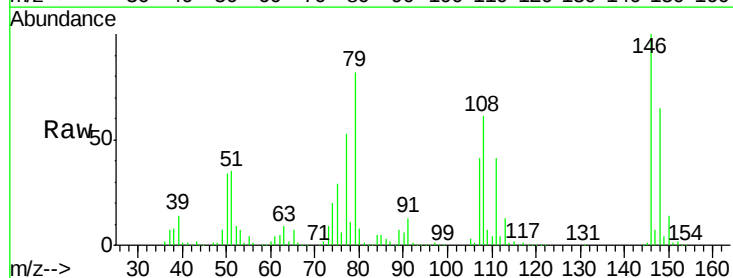
Tgt Ion: 146 Resp: 350440

Ion Ratio Lower Upper

146 100

148 64.5 52.4 78.6

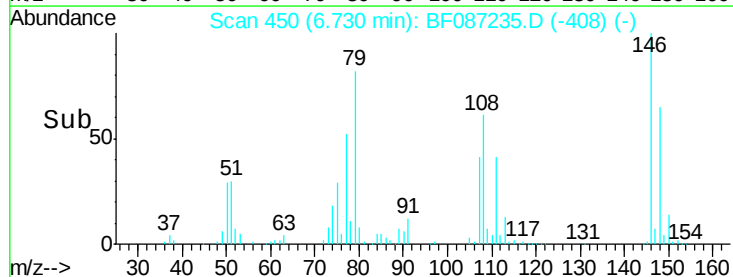
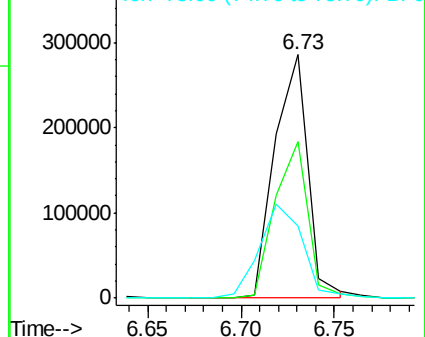
75 29.4 22.8 34.2

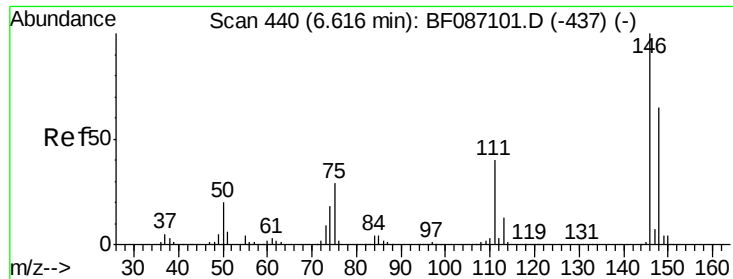


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

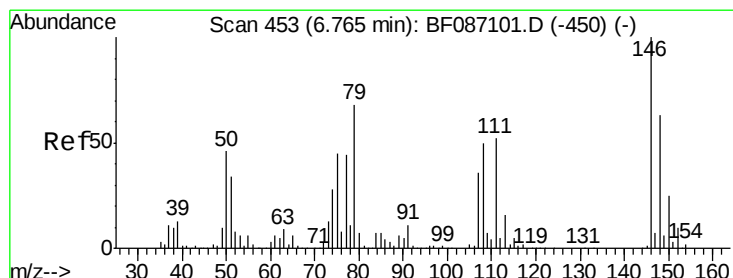
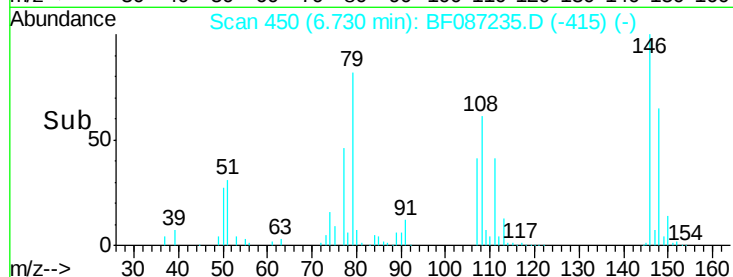
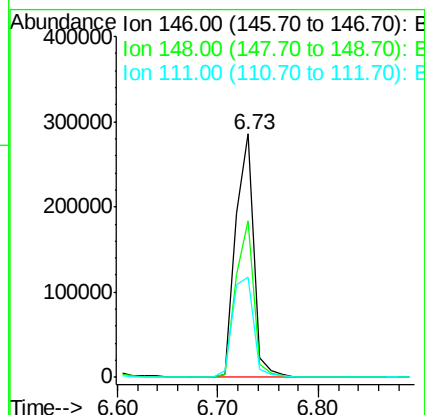
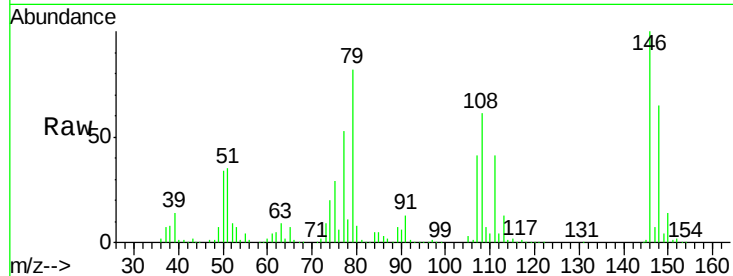




#13
 1,4-Dichlorobenzene
 Concen: 34.93 ng
 RT: 6.73 min Scan# 450
 Delta R.T. 0.10 min
 Lab File: BF087235.D
 Acq: 20 May 2016 20:26

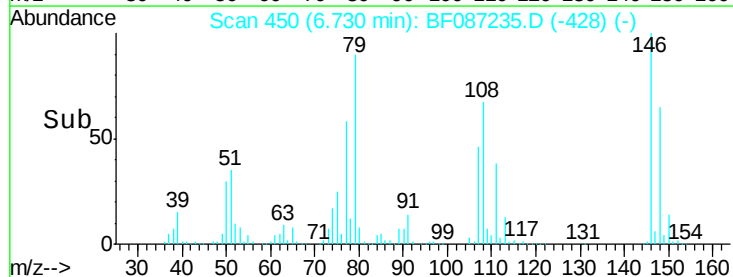
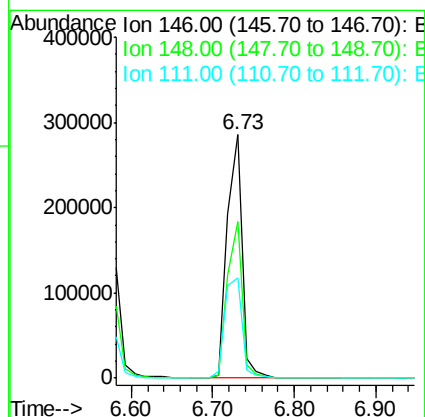
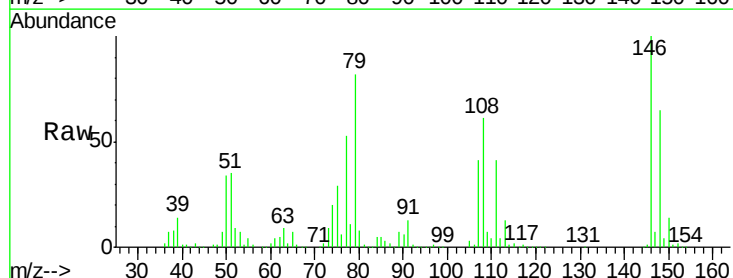
Instrument :
 BNA_F
 ClientSampleId :
 PB90764BSD

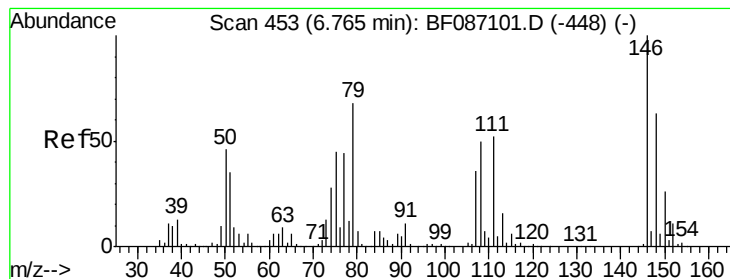
Tgt Ion:146 Resp: 354520
 Ion Ratio Lower Upper
 146 100
 148 64.5 52.2 78.4
 111 41.1 30.7 46.1



#14
 1,2-Dichlorobenzene
 Concen: 40.25 ng
 RT: 6.73 min Scan# 450
 Delta R.T. -0.05 min
 Lab File: BF087235.D
 Acq: 20 May 2016 20:26

Tgt Ion:146 Resp: 357675
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.0 76.6
 111 41.1 36.2 54.4





#15

Benzyl Alcohol

Concen: 47.54 ng

RT: 6.73 min Scan# 450

Delta R.T. -0.05 min

Lab File: BF087235.D

Acq: 20 May 2016 20:26

Instrument :

BNA_F

ClientSampleId :

PB90764BSD

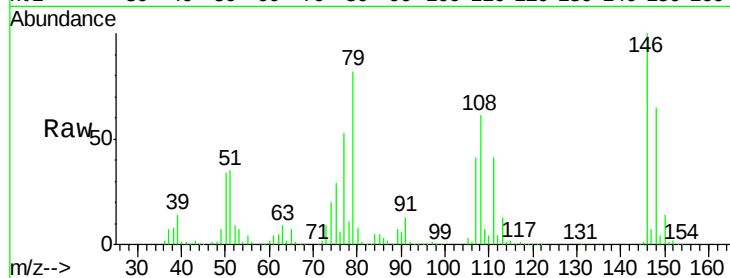
Tgt Ion: 79 Resp: 364109

Ion Ratio Lower Upper

79 100

108 74.7 68.4 102.6

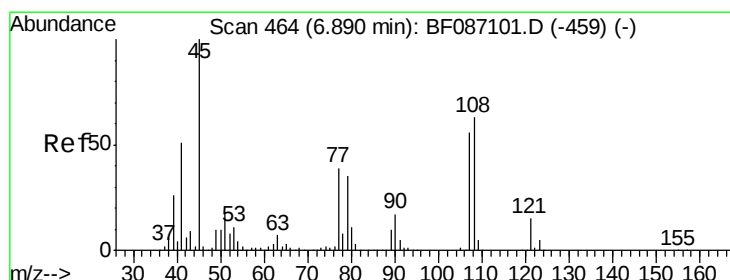
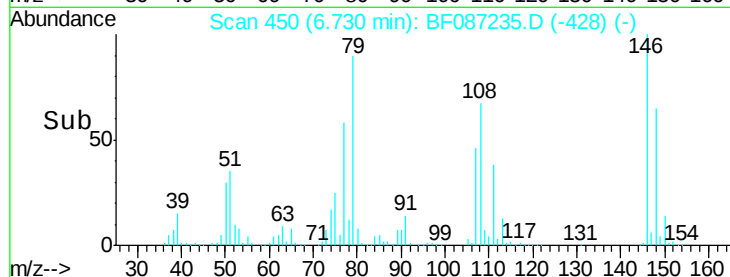
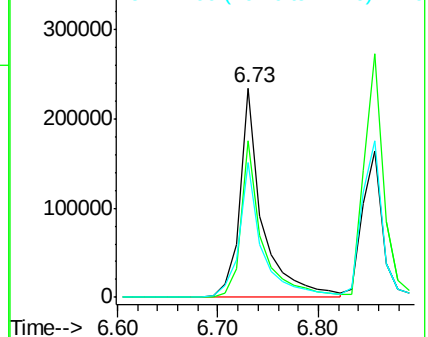
77 64.4 50.6 76.0



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: 38.42 ng

RT: 6.86 min Scan# 461

Delta R.T. -0.05 min

Lab File: BF087235.D

Acq: 20 May 2016 20:26

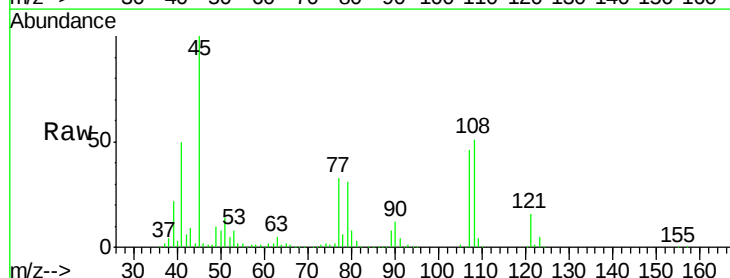
Tgt Ion: 45 Resp: 766938

Ion Ratio Lower Upper

45 100

77 32.8 0.0 36.4

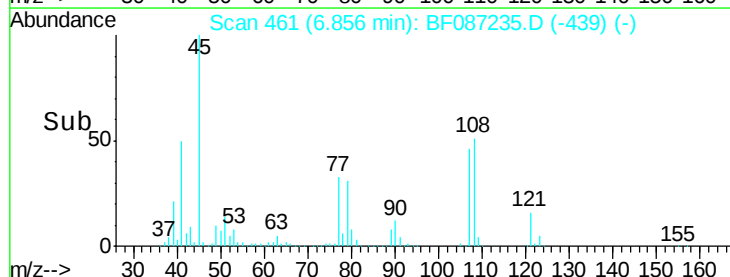
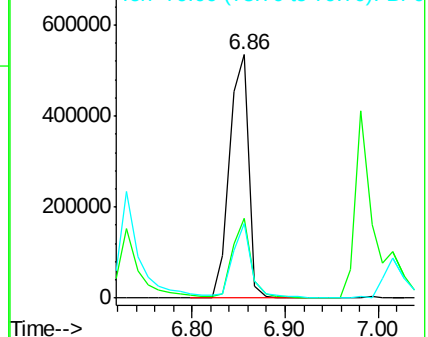
79 30.8 0.0 33.4

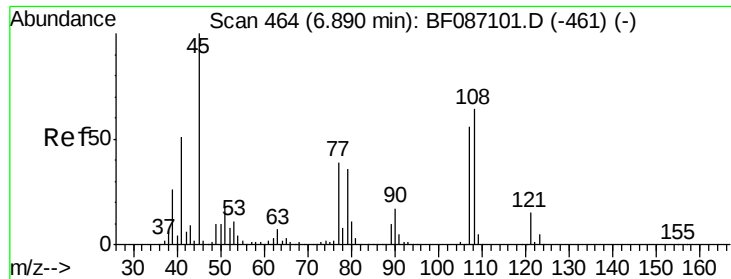


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 42.01 ng

RT: 6.86 min Scan# 461

Delta R.T. -0.05 min

Lab File: BF087235.D

Acq: 20 May 2016 20:26

Instrument :

BNA_F

ClientSampleId :

PB90764BSD

Tgt Ion:107 Resp: 322023

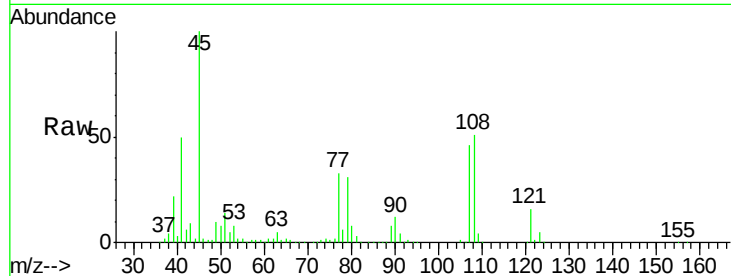
Ion Ratio Lower Upper

107 100

108 112.1 93.7 140.5

77 72.0 33.4 50.0#

79 67.6 34.3 51.5#



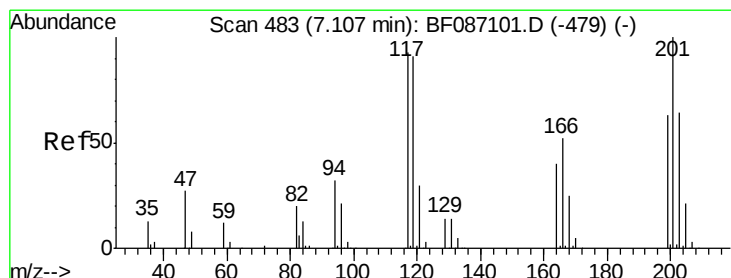
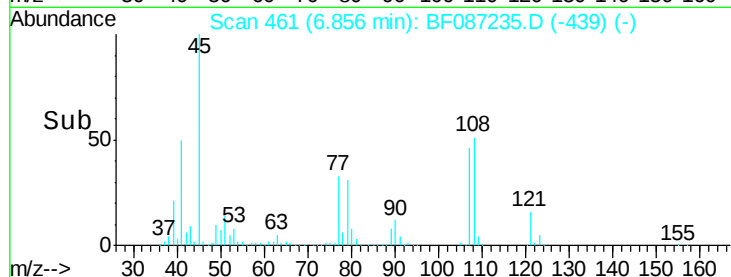
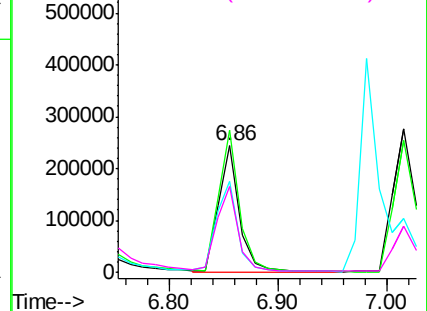
Abundance

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: 40.92 ng

RT: 7.06 min Scan# 479

Delta R.T. -0.06 min

Lab File: BF087235.D

Acq: 20 May 2016 20:26

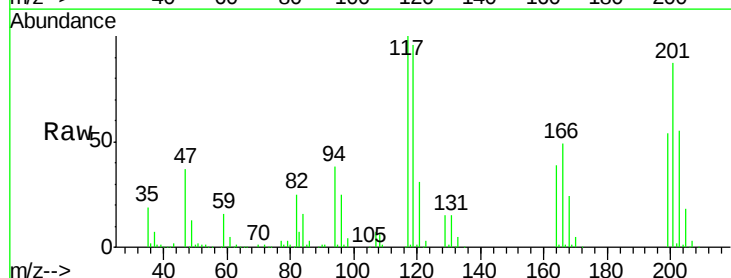
Tgt Ion:117 Resp: 158805

Ion Ratio Lower Upper

117 100

119 95.7 76.5 114.7

201 87.5 63.0 94.6

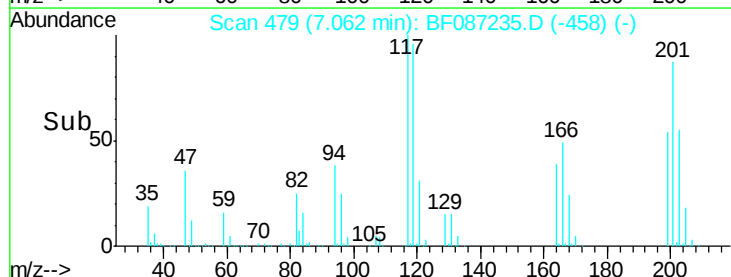
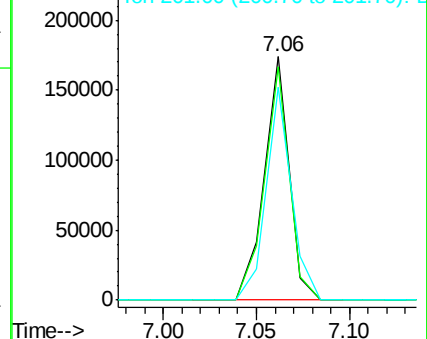


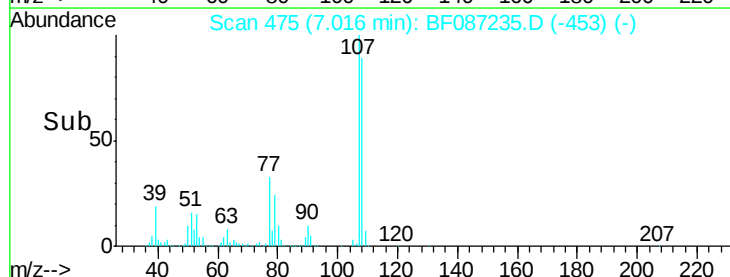
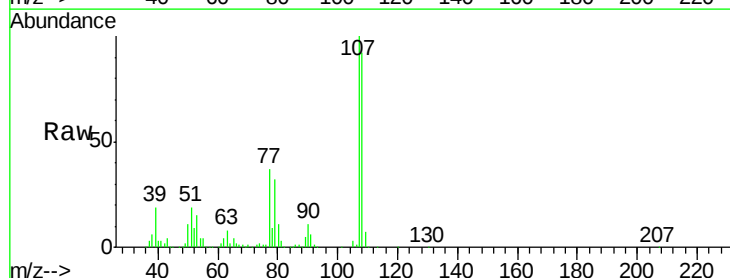
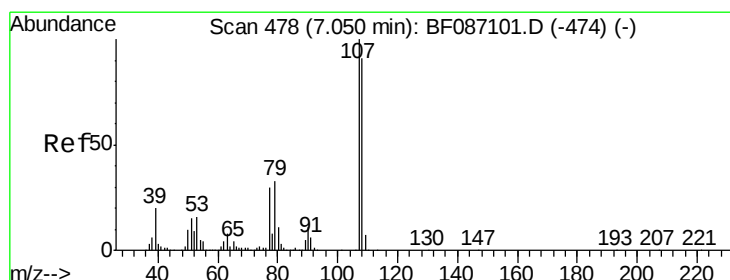
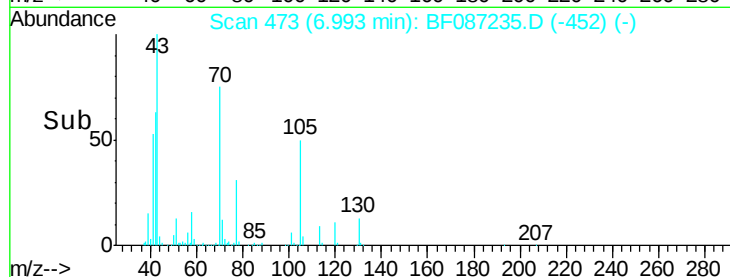
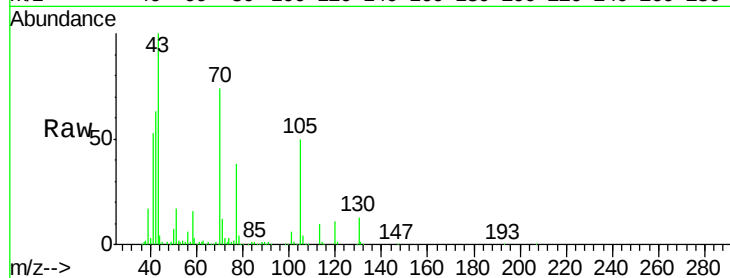
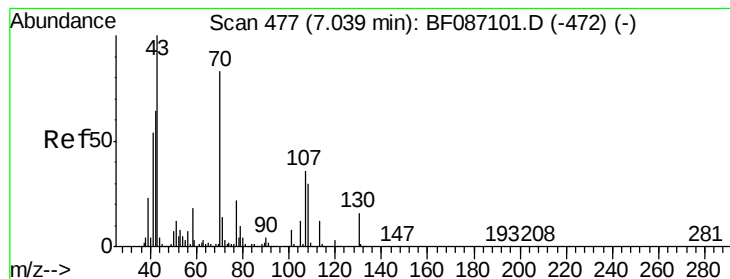
Abundance

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: 41.45 ng

RT: 6.99 min Scan# 473

Delta R.T. -0.06 min

Lab File: BF087235.D

Acq: 20 May 2016 20:26

Instrument :

BNA_F

ClientSampleId :

PB90764BSD

Tgt Ion: 70 Resp: 324194

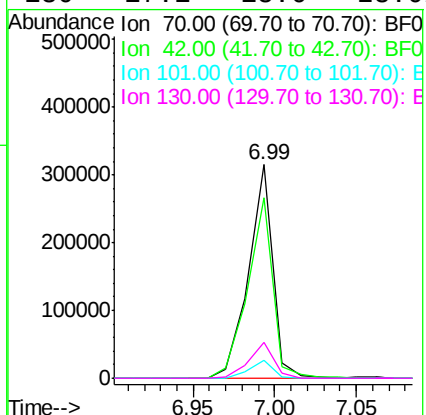
Ion Ratio Lower Upper

70 100

42 84.5 43.1 64.7#

101 8.3 8.1 12.1

130 17.1 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: BF087235.D

Acq: 20 May 2016 20:26

Tgt Ion: 107 Resp: 443531

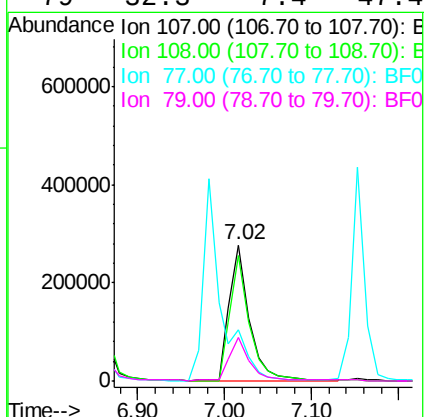
Ion Ratio Lower Upper

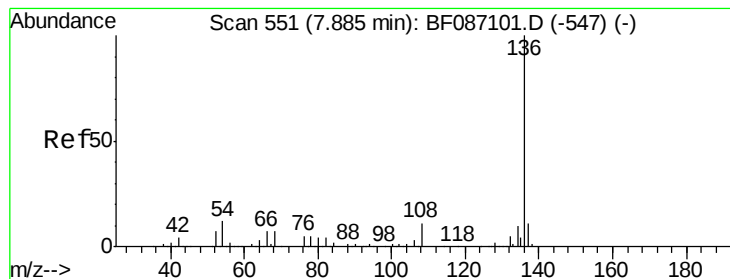
107 100

108 92.0 68.5 108.5

77 37.3 101.6 141.6#

79 32.3 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: BF087235.D

Acq: 20 May 2016 20:26

Instrument :

BNA_F

ClientSampleId :

PB90764BSD

Tgt Ion:136 Resp: 548871

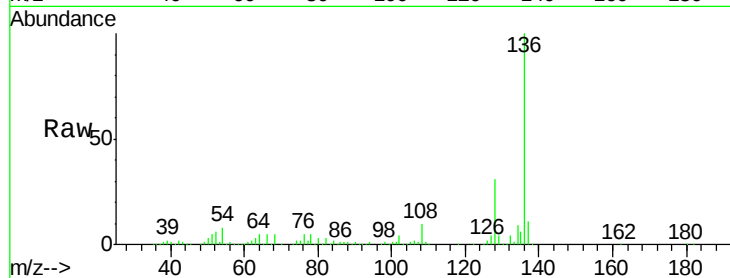
Ion Ratio Lower Upper

136 100

137 10.5 8.8 13.2

54 8.1 5.0 7.4#

68 4.5 4.4 6.6

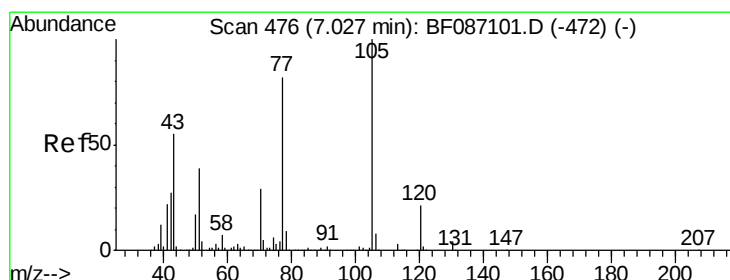
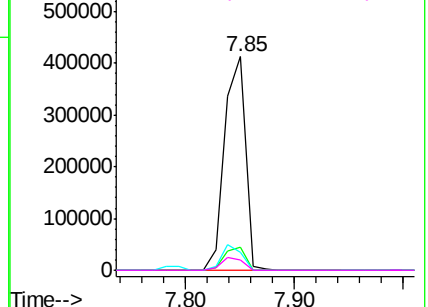
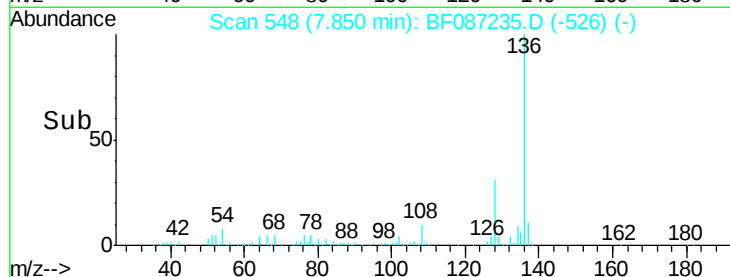


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.37 ng

RT: 6.98 min Scan# 472

Delta R.T. -0.06 min

Lab File: BF087235.D

Acq: 20 May 2016 20:26

Tgt Ion:105 Resp: 555642

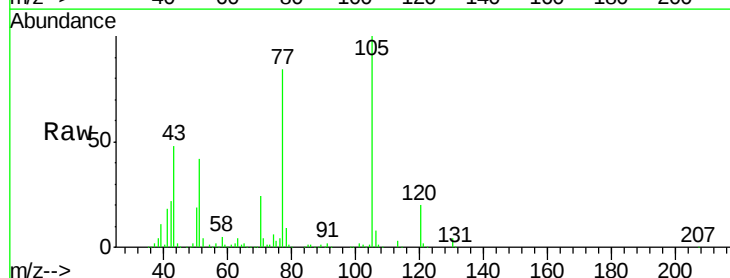
Ion Ratio Lower Upper

105 100

71 3.9 4.8 7.2#

51 41.8 32.6 49.0

120 20.0 16.5 24.7

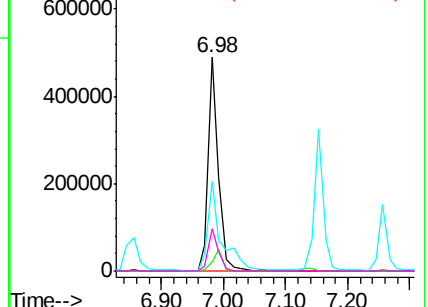
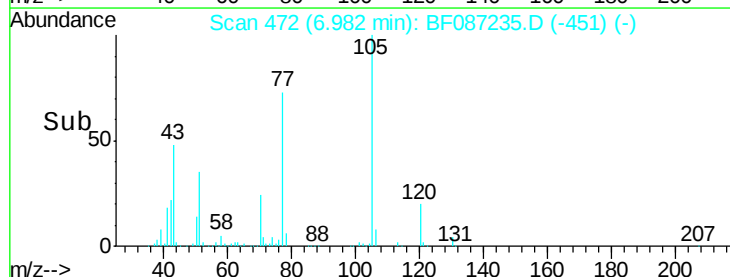


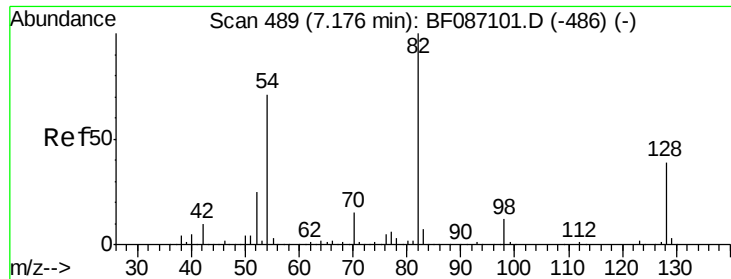
Abundance Ion 105.00 (104.70 to 105.70): E

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

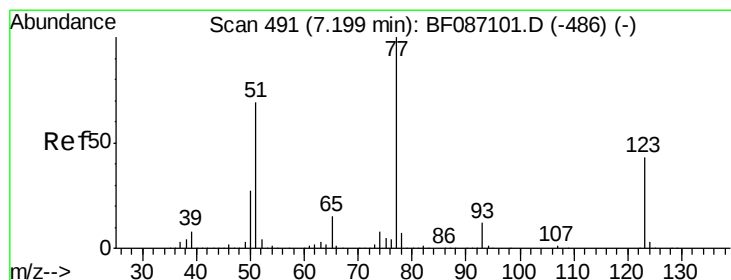
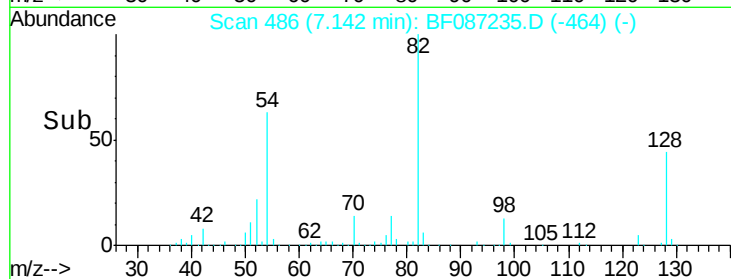
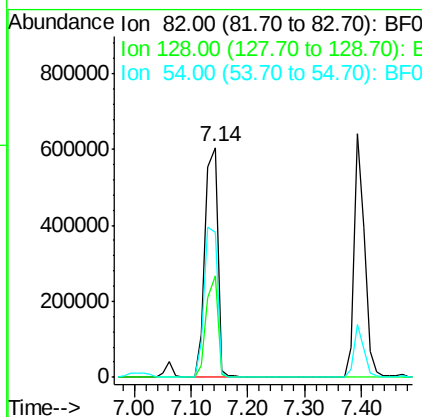
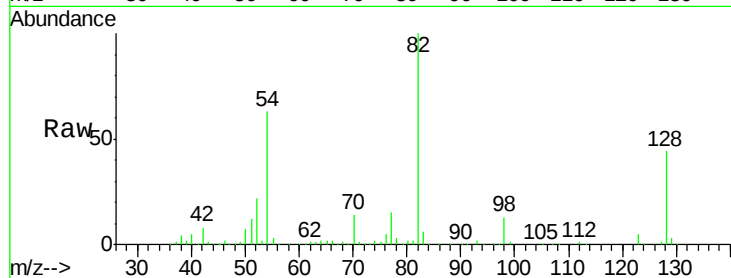




#23
 Nitrobenzene-d5
 Concen: 81.28 ng
 RT: 7.14 min Scan# 486
 Delta R.T. -0.05 min
 Lab File: BF087235.D
 Acq: 20 May 2016 20:26

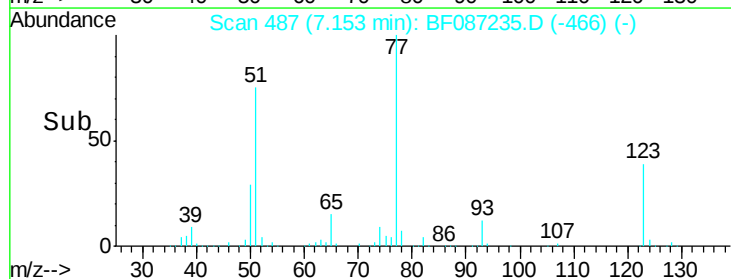
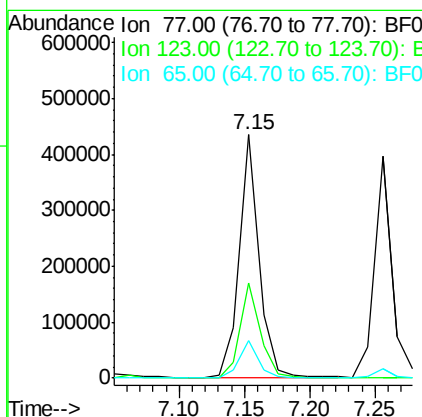
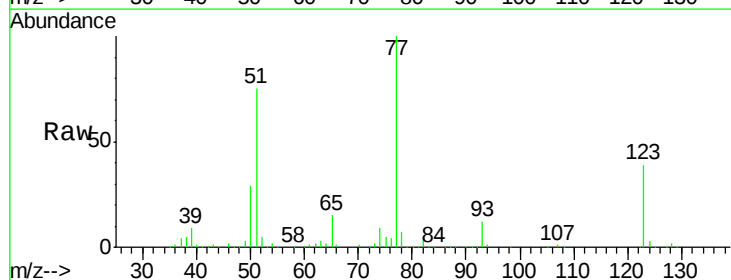
Instrument :
 BNA_F
 ClientSampleId :
 PB90764BSD

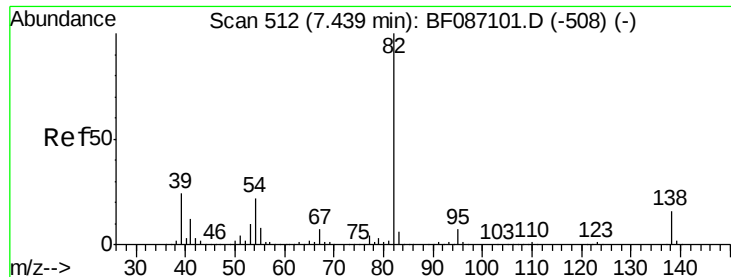
Tgt Ion: 82 Resp: 895111
 Ion Ratio Lower Upper
 82 100
 128 44.0 40.6 61.0
 54 62.8 38.1 57.1#



#24
 Nitrobenzene
 Concen: 37.40 ng
 RT: 7.15 min Scan# 487
 Delta R.T. -0.06 min
 Lab File: BF087235.D
 Acq: 20 May 2016 20:26

Tgt Ion: 77 Resp: 449673
 Ion Ratio Lower Upper
 77 100
 123 38.9 33.0 49.4
 65 15.4 10.8 16.2





#25

Isophorone

Concen: 41.21 ng

RT: 7.39 min Scan# 508

Delta R.T. -0.06 min

Lab File: BF087235.D

Acq: 20 May 2016 20:26

Instrument :

BNA_F

ClientSampleId :

PB90764BSD

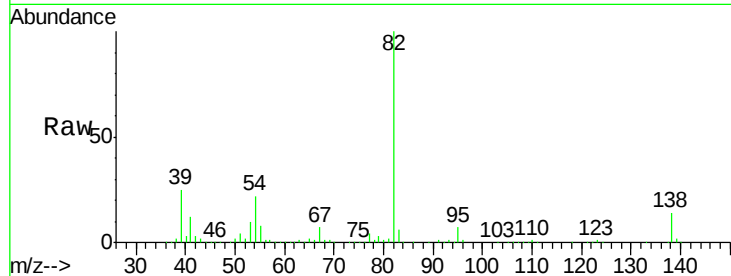
Tgt Ion: 82 Resp: 830812

Ion Ratio Lower Upper

82 100

95 7.0 5.1 7.7

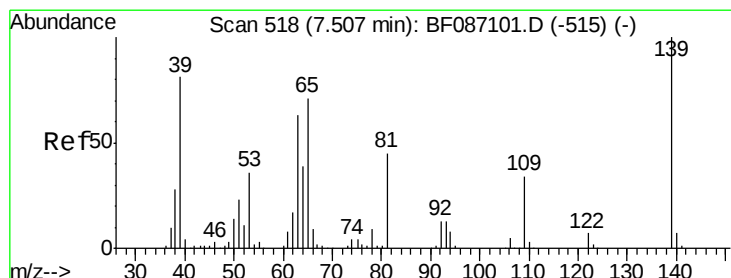
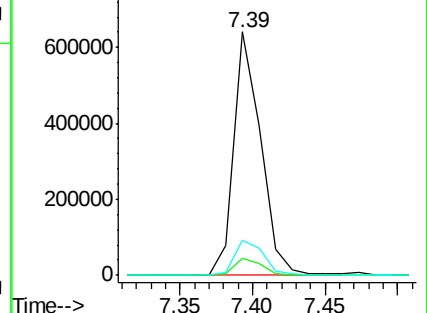
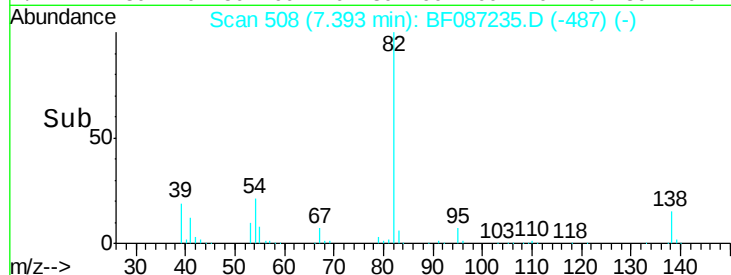
138 14.4 12.4 18.6



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 42.79 ng

RT: 7.47 min Scan# 515

Delta R.T. -0.05 min

Lab File: BF087235.D

Acq: 20 May 2016 20:26

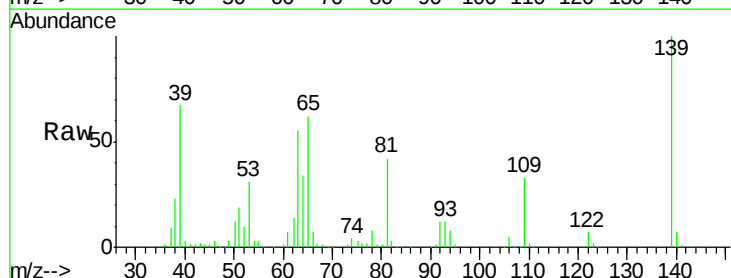
Tgt Ion: 139 Resp: 213135

Ion Ratio Lower Upper

139 100

109 32.8 19.5 29.3#

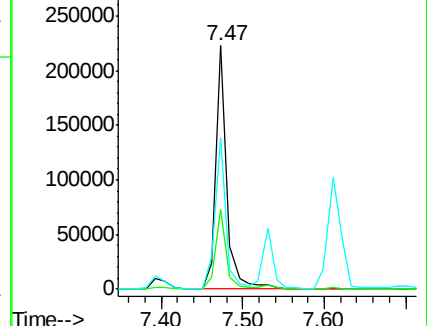
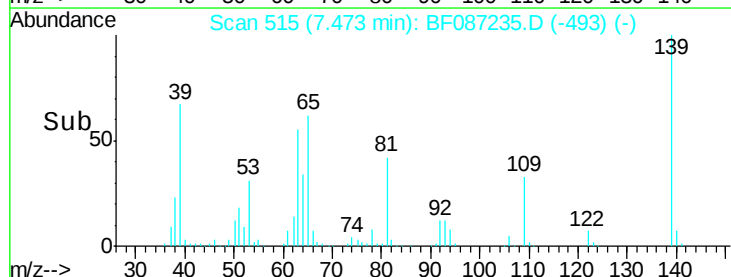
65 62.4 37.5 56.3#

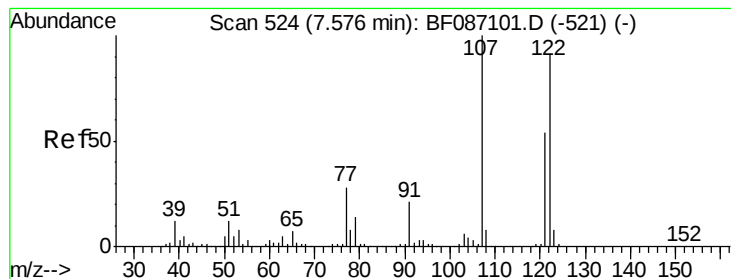


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 42.47 ng

RT: 7.53 min Scan# 520

Delta R.T. -0.06 min

Lab File: BF087235.D

Acq: 20 May 2016 20:26

Instrument :

BNA_F

ClientSampleId :

PB90764BSD

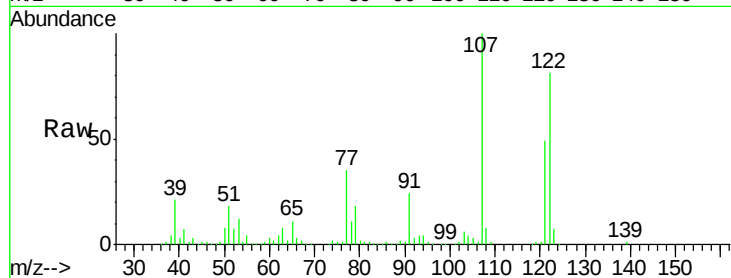
Tgt Ion:122 Resp: 361066

Ion Ratio Lower Upper

122 100

107 123.4 82.0 123.0#

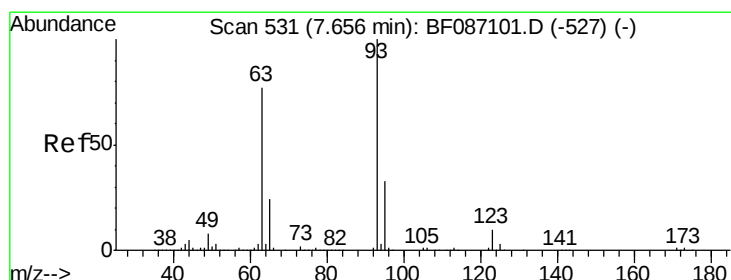
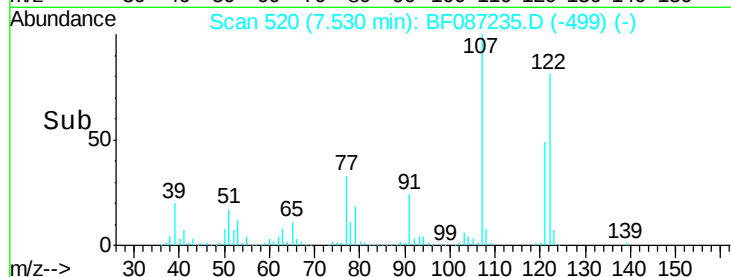
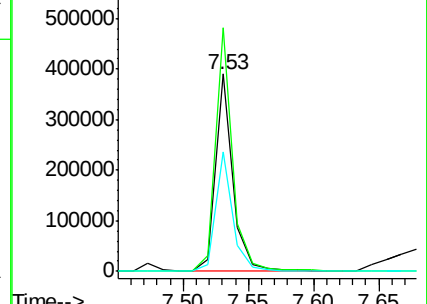
121 60.5 46.1 69.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.95 ng

RT: 7.61 min Scan# 527

Delta R.T. -0.06 min

Lab File: BF087235.D

Acq: 20 May 2016 20:26

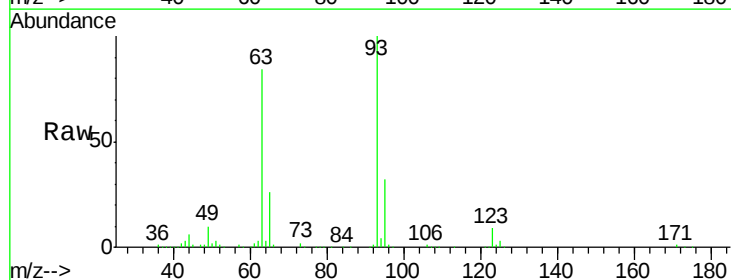
Tgt Ion: 93 Resp: 486443

Ion Ratio Lower Upper

93 100

95 32.0 26.0 39.0

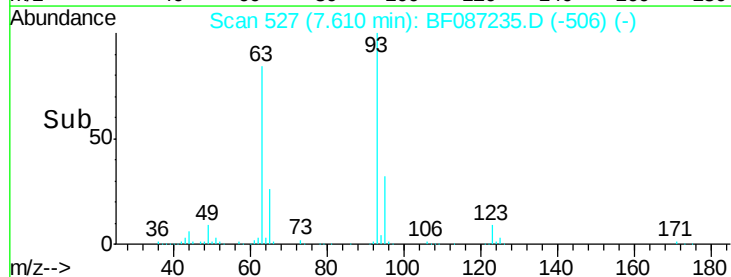
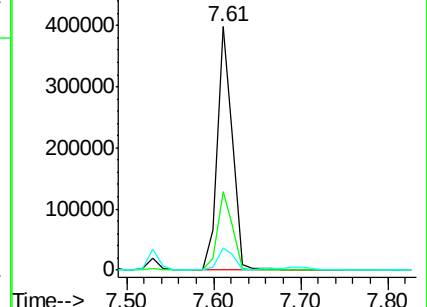
123 9.2 9.5 14.3#

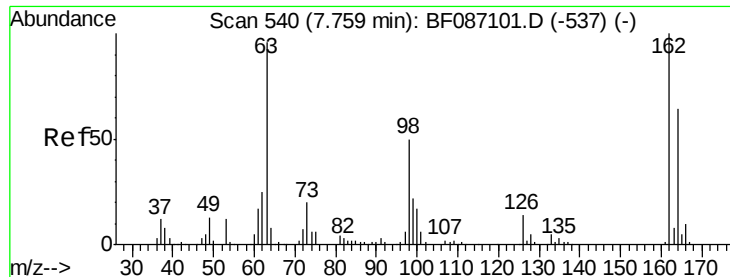


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

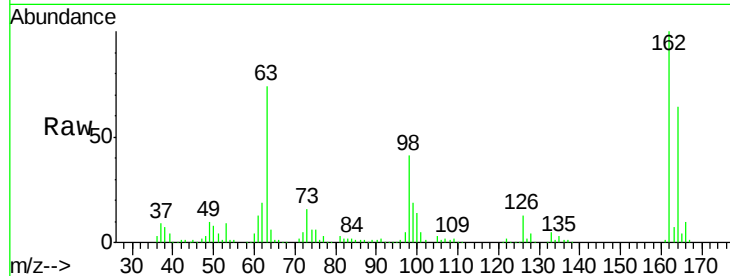




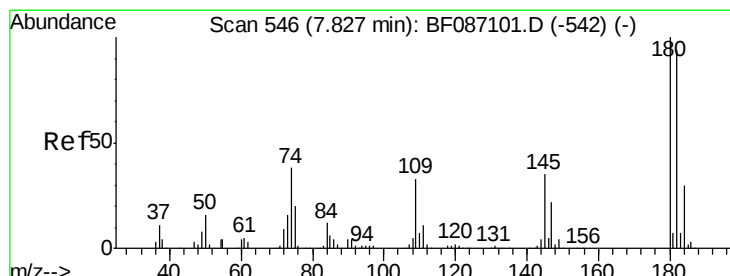
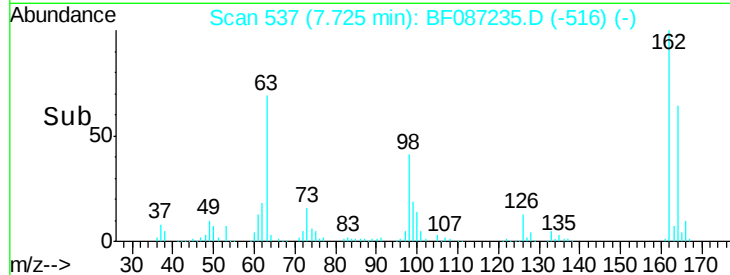
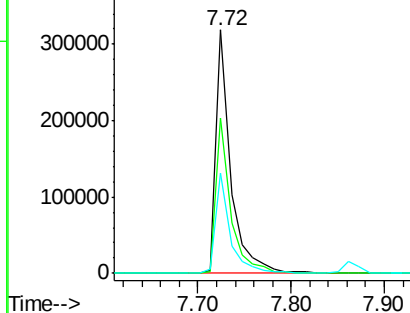
#29
 2,4-Dichlorophenol
 Concen: 46.65 ng
 RT: 7.72 min Scan# 537
 Delta R.T. -0.06 min
 Lab File: BF087235.D
 Acq: 20 May 2016 20:26

Instrument :
 BNA_F
 ClientSampleId :
 PB90764BSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.0	42.2	82.2
98	41.4	19.0	59.0

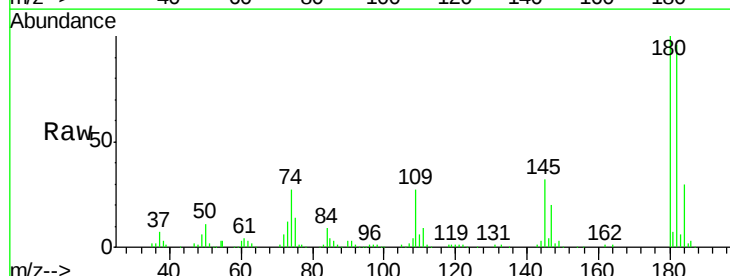


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

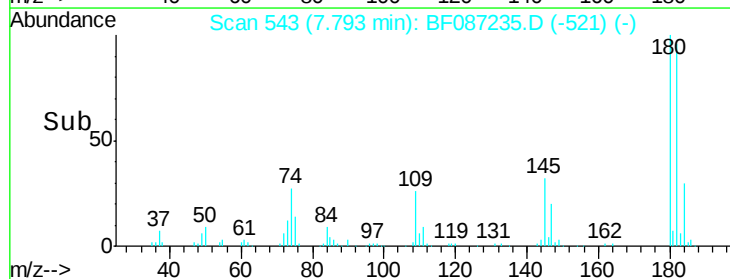
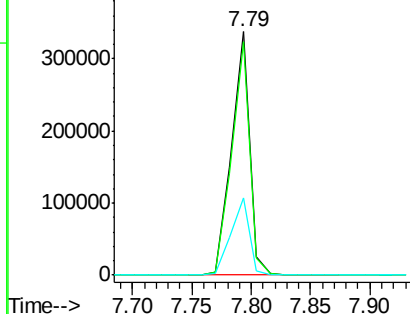


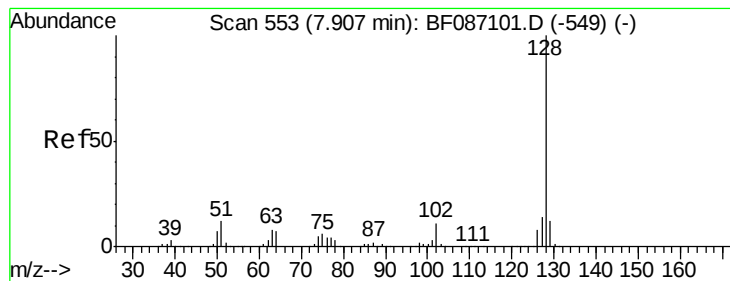
#30
 1,2,4-Trichlorobenzene
 Concen: 42.97 ng
 RT: 7.79 min Scan# 543
 Delta R.T. -0.05 min
 Lab File: BF087235.D
 Acq: 20 May 2016 20:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	78.0	117.0
145	31.7	24.2	36.2



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 41.01 ng

RT: 7.86 min Scan# 549

Delta R.T. -0.06 min

Lab File: BF087235.D

Acq: 20 May 2016 20:26

Instrument :

BNA_F

ClientSampleId :

PB90764BSD

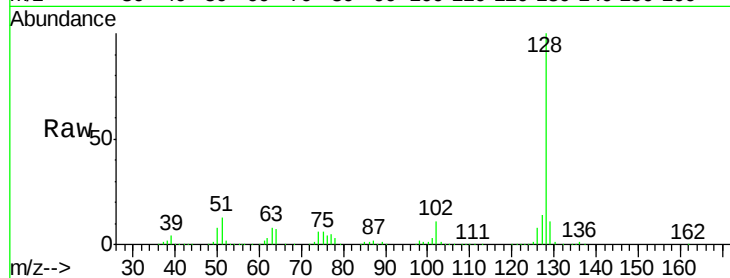
Tgt Ion:128 Resp: 1099820

Ion Ratio Lower Upper

128 100

129 11.5 8.6 13.0

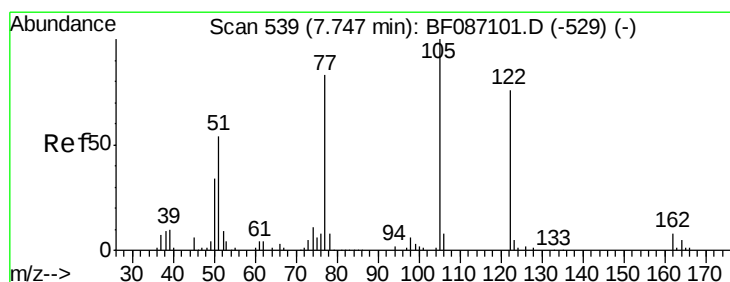
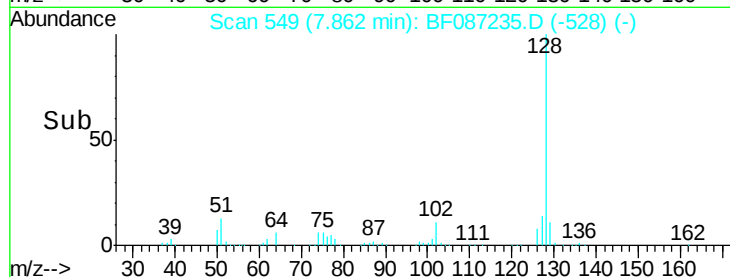
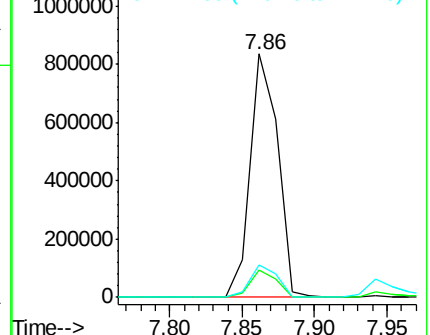
127 13.5 10.8 16.2



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: 37.78 ng

RT: 7.70 min Scan# 535

Delta R.T. -0.05 min

Lab File: BF087235.D

Acq: 20 May 2016 20:26

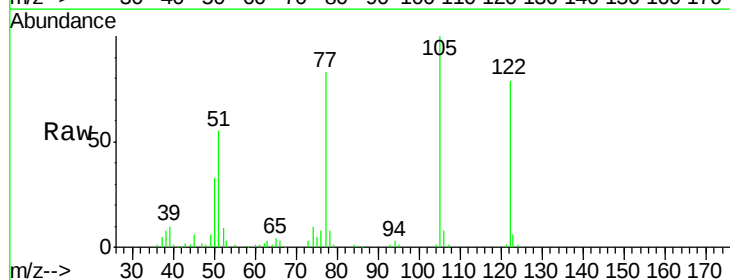
Tgt Ion:122 Resp: 191421

Ion Ratio Lower Upper

122 100

105 127.1 92.6 132.6

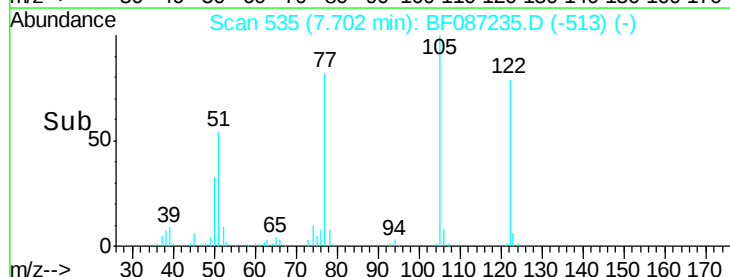
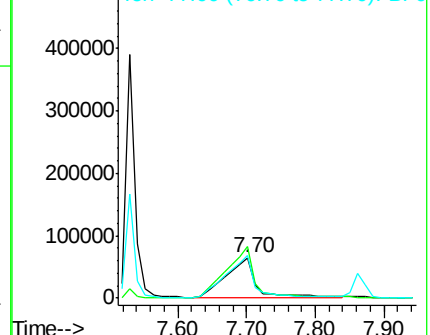
77 105.3 60.0 100.0#



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

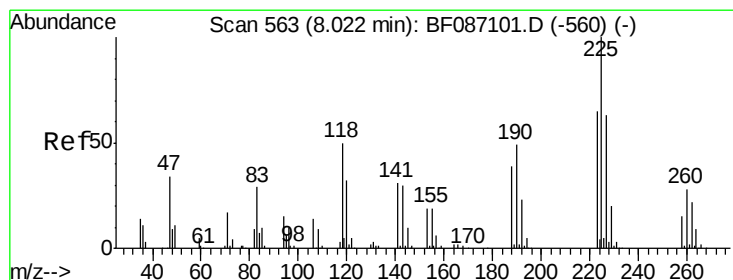
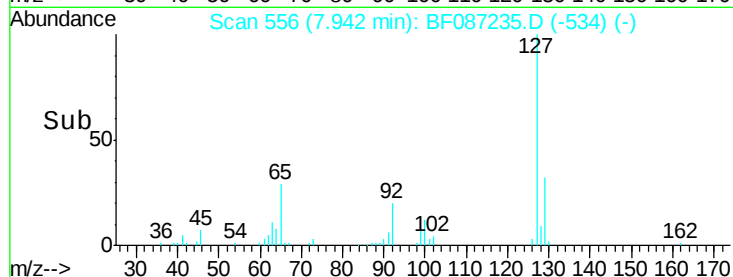
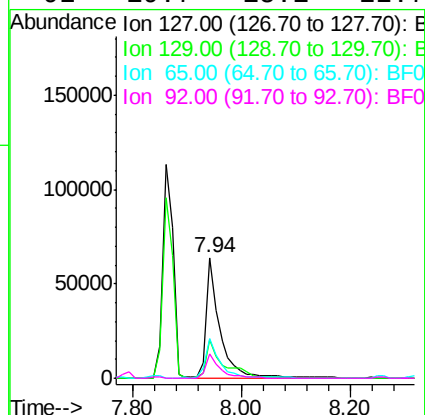
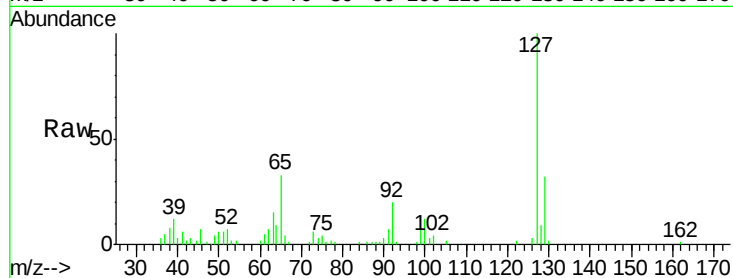




#33
4-Chloroaniline
Concen: 10.15 ng
RT: 7.94 min Scan# 556
Delta R.T. -0.05 min
Lab File: BF087235.D
Acq: 20 May 2016 20:26

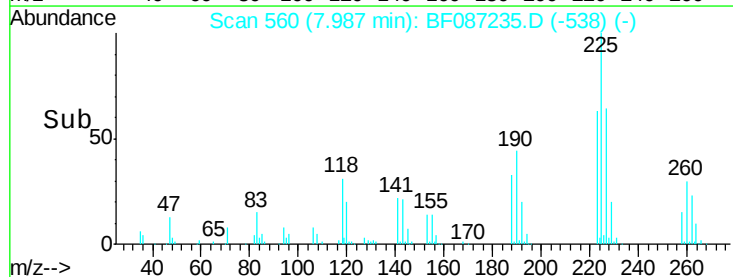
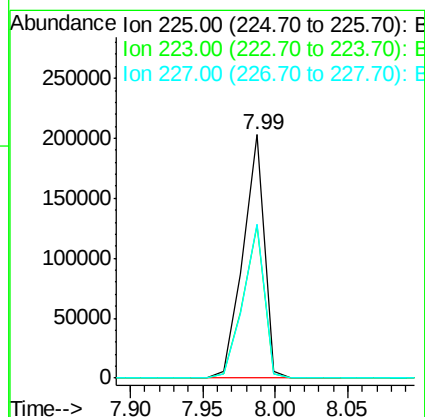
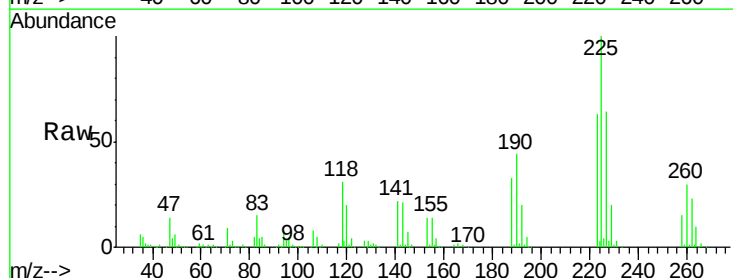
Instrument :
BNA_F
ClientSampleId :
PB90764BSD

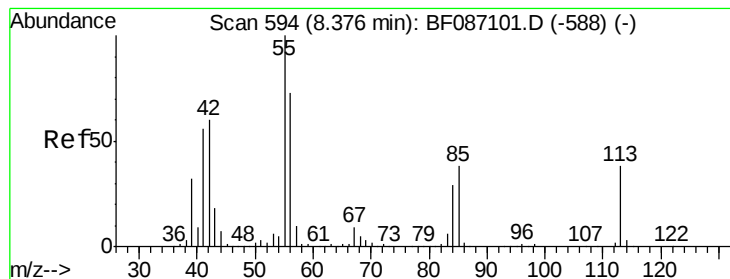
Tgt Ion:	127	Resp:	113119
Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.2	39.4
65	33.3	23.0	34.4
92	19.7	15.1	22.7



#34
Hexachlorobutadiene
Concen: 43.96 ng
RT: 7.99 min Scan# 560
Delta R.T. -0.05 min
Lab File: BF087235.D
Acq: 20 May 2016 20:26

Tgt Ion:	225	Resp:	207349
Ion	Ratio	Lower	Upper
225	100		
223	62.6	51.5	77.3
227	63.5	52.2	78.2





#35

Caprolactam

Concen: 25.74 ng

RT: 8.32 min Scan# 589

Delta R.T. -0.07 min

Lab File: BF087235.D

Acq: 20 May 2016 20:26

Instrument :

BNA_F

ClientSampleId :

PB90764BSD

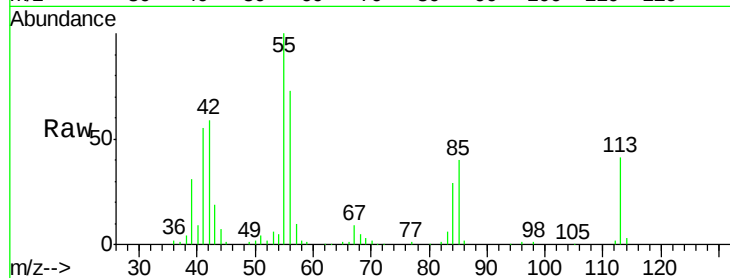
Tgt Ion:113 Resp: 64199

Ion Ratio Lower Upper

113 100

55 242.7 162.0 202.0#

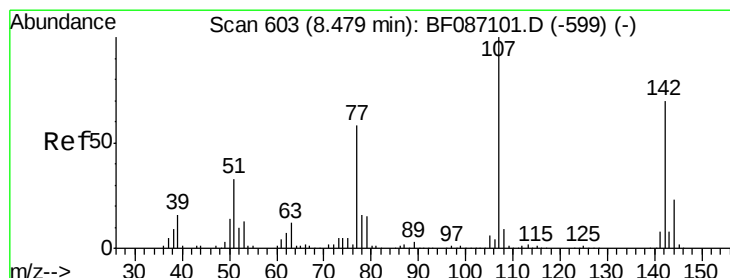
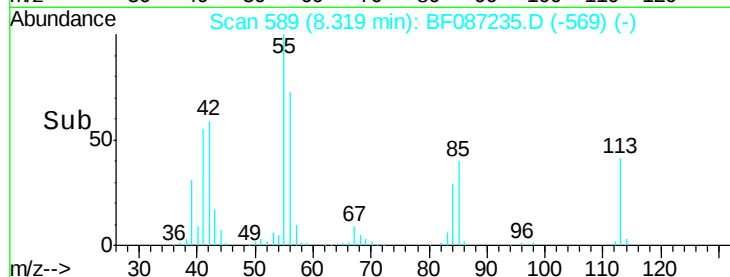
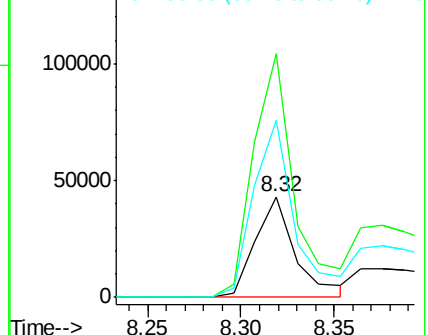
56 176.9 115.3 155.3#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 41.04 ng

RT: 8.44 min Scan# 600

Delta R.T. -0.05 min

Lab File: BF087235.D

Acq: 20 May 2016 20:26

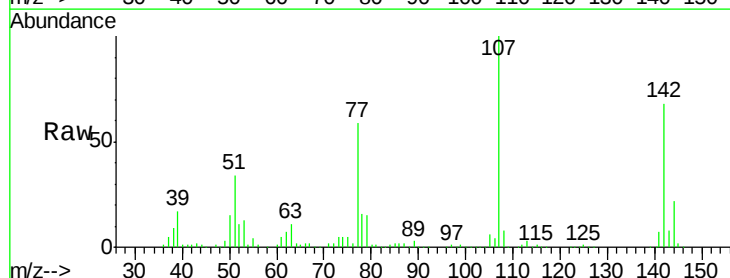
Tgt Ion:107 Resp: 370816

Ion Ratio Lower Upper

107 100

144 21.9 20.7 31.1

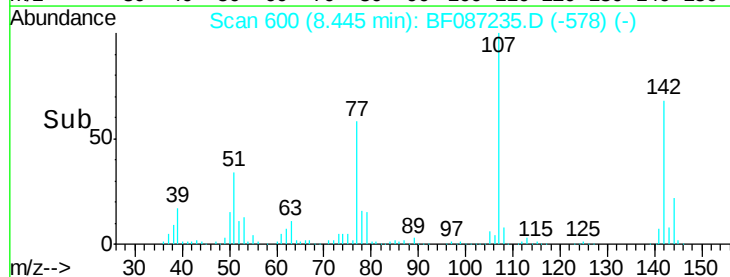
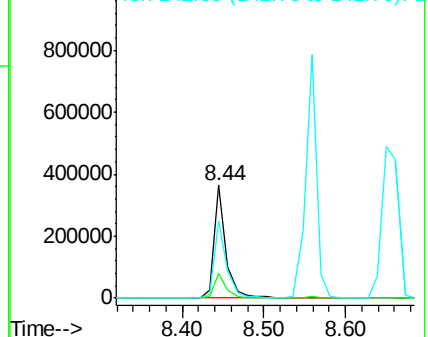
142 68.2 63.2 94.8

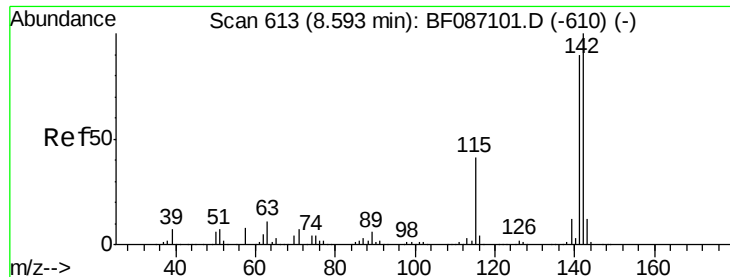


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

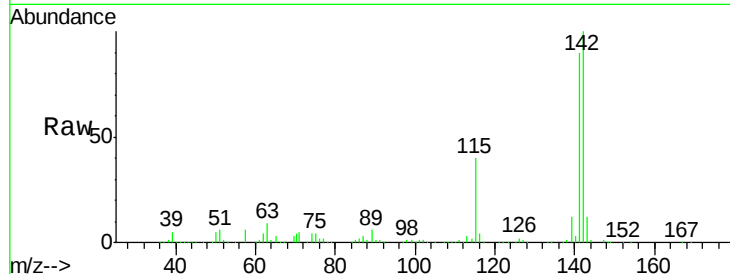




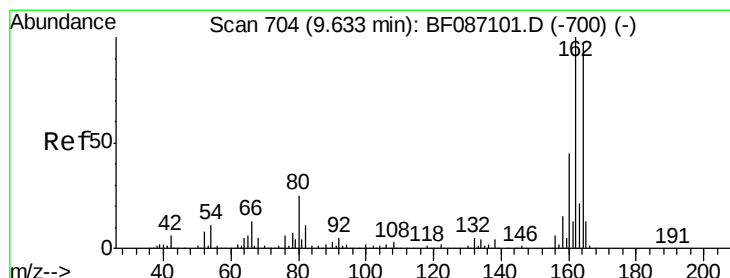
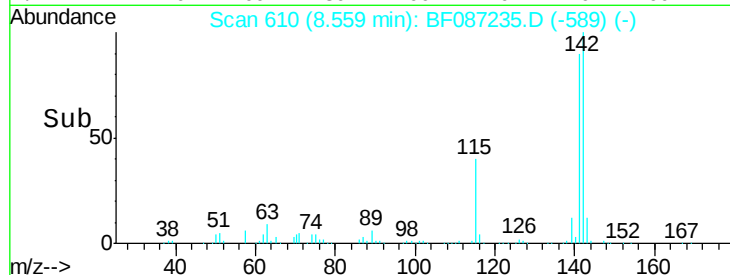
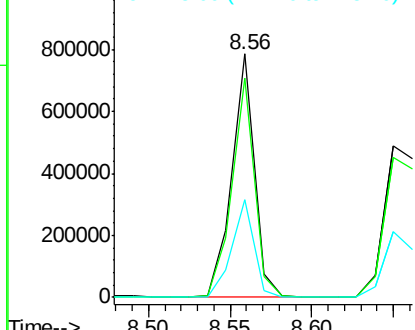
#37
2-Methylnaphthalene
Concen: 43.50 ng
RT: 8.56 min Scan# 610
Delta R.T. -0.06 min
Lab File: BF087235.D
Acq: 20 May 2016 20:26

Instrument :
BNA_F
ClientSampleId :
PB90764BSD

Tgt Ion:142 Resp: 746278
Ion Ratio Lower Upper
142 100
141 89.9 71.0 106.6
115 40.0 26.6 39.8#

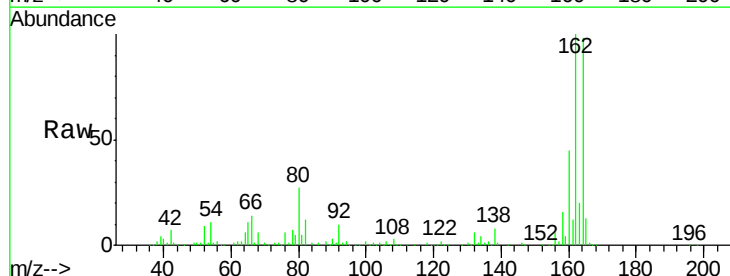


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

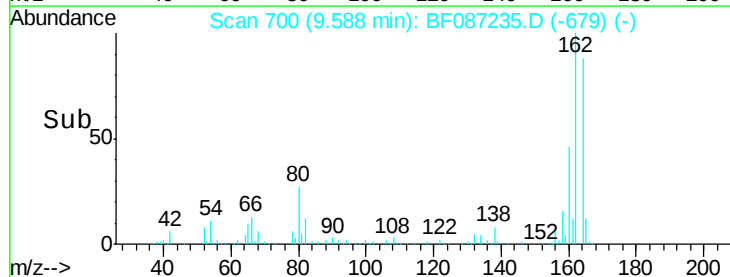
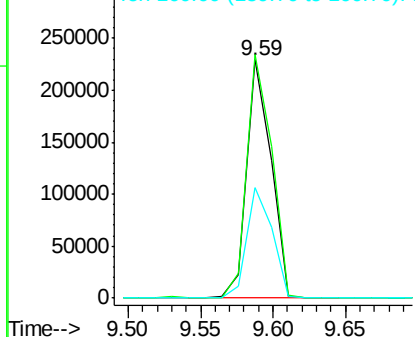


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.06 min
Lab File: BF087235.D
Acq: 20 May 2016 20:26

Tgt Ion:164 Resp: 265574
Ion Ratio Lower Upper
164 100
162 102.2 82.8 124.2
160 46.3 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

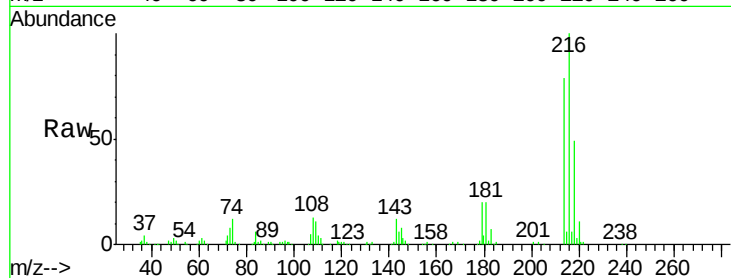




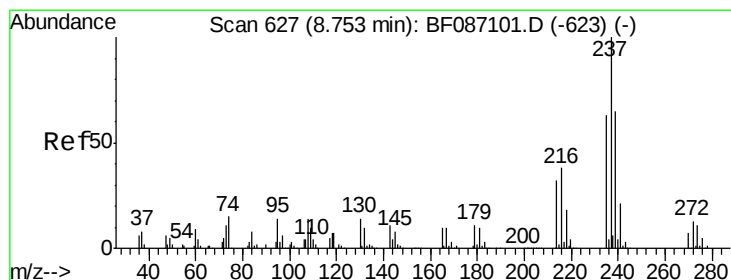
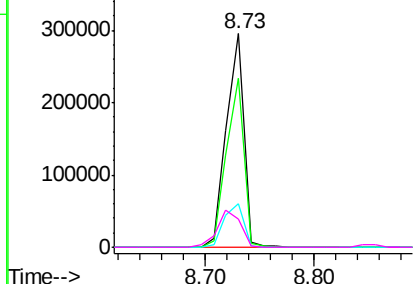
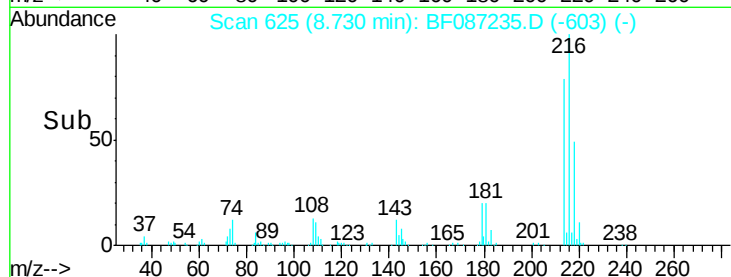
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.42 ng
 RT: 8.73 min Scan# 625
 Delta R.T. -0.05 min
 Lab File: BF087235.D
 Acq: 20 May 2016 20:26

Instrument :
 BNA_F
 ClientSampleId :
 PB90764BSD

Tgt Ion:	216	Resp:	329059
Ion	Ratio	Lower	Upper
216	100		
214	78.8	62.6	93.8
179	22.8	18.2	27.4
108	23.5	17.5	26.3

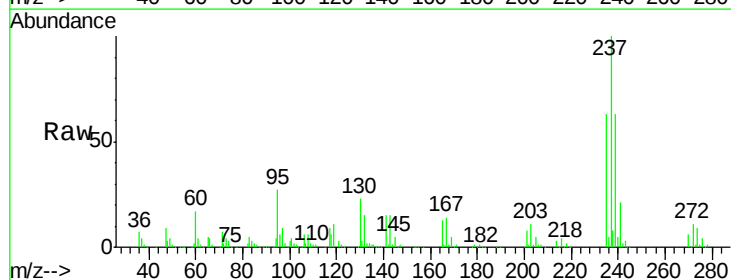


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

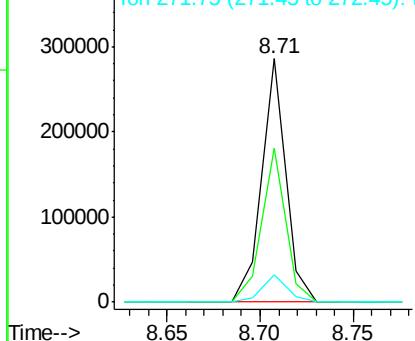
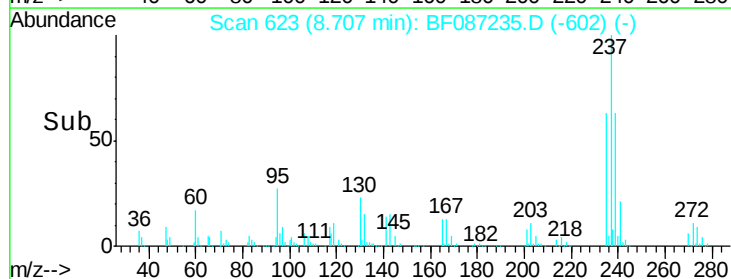


#40
 Hexachlorocyclopentadiene
 Concen: 84.22 ng
 RT: 8.71 min Scan# 623
 Delta R.T. -0.06 min
 Lab File: BF087235.D
 Acq: 20 May 2016 20:26

Tgt Ion:	237	Resp:	253627
Ion	Ratio	Lower	Upper
237	100		
235	63.1	47.2	87.2
272	11.1	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

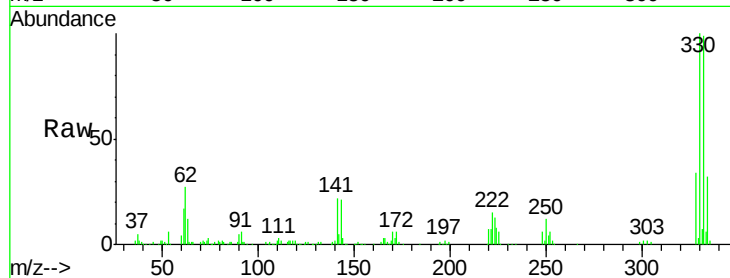




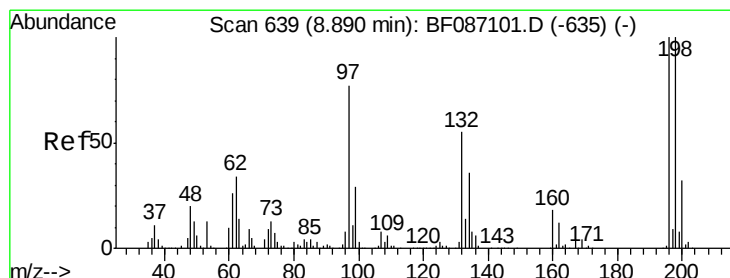
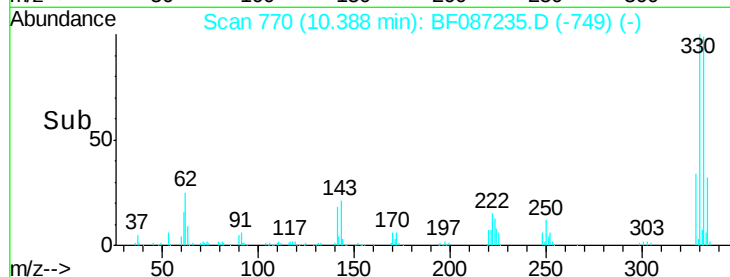
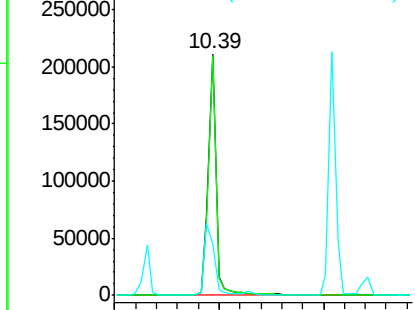
#41
 2,4,6-Tribromophenol
 Concen: 76.31 ng
 RT: 10.39 min Scan# 770
 Delta R.T. -0.06 min
 Lab File: BF087235.D
 Acq: 20 May 2016 20:26

Instrument :
 BNA_F
 ClientSampleId :
 PB90764BSD

Tgt Ion:330 Resp: 223943
 Ion Ratio Lower Upper
 330 100
 332 97.7 79.0 118.4
 141 37.1 31.2 46.8

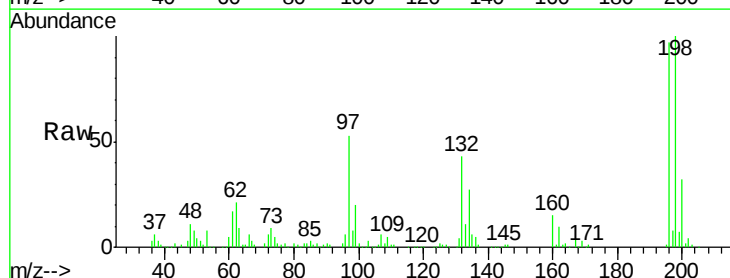


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

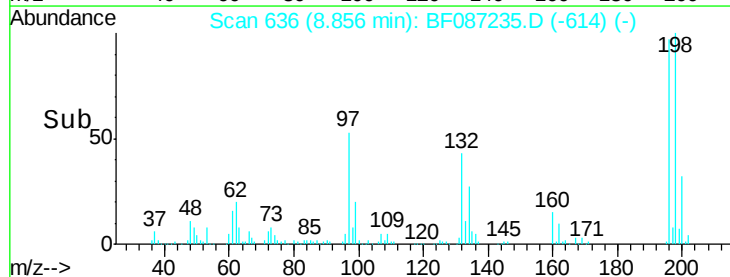
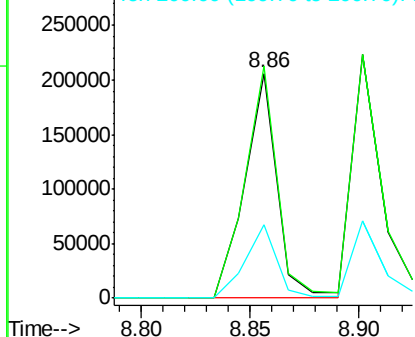


#42
 2,4,6-Trichlorophenol
 Concen: 42.61 ng
 RT: 8.86 min Scan# 636
 Delta R.T. -0.05 min
 Lab File: BF087235.D
 Acq: 20 May 2016 20:26

Tgt Ion:196 Resp: 214325
 Ion Ratio Lower Upper
 196 100
 198 103.2 74.7 112.1
 200 32.9 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

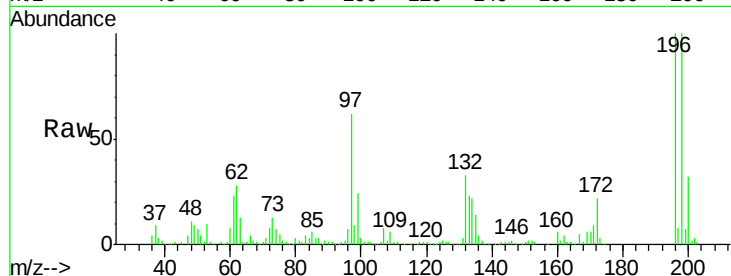




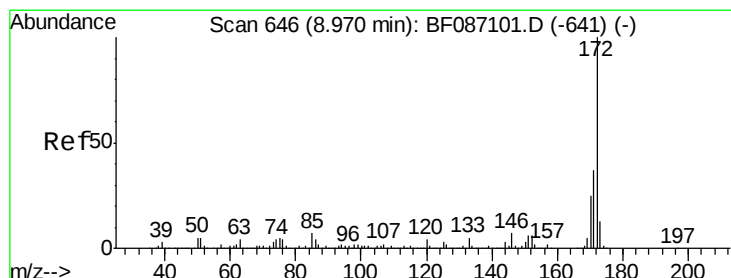
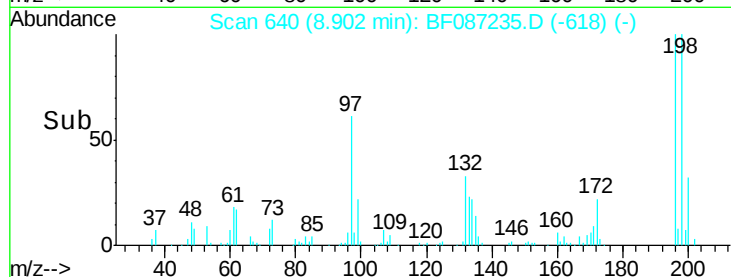
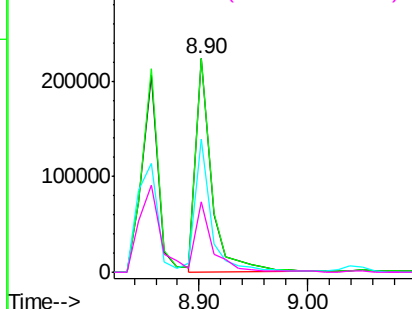
#43
 2,4,5-Trichlorophenol
 Concen: 42.90 ng
 RT: 8.90 min Scan# 640
 Delta R.T. -0.05 min
 Lab File: BF087235.D
 Acq: 20 May 2016 20:26

Instrument :
 BNA_F
 ClientSampleId :
 PB90764BSD

Tgt Ion:196 Resp: 224169
 Ion Ratio Lower Upper
 196 100
 198 100.0 77.5 116.3
 97 62.1 34.8 52.2#
 132 33.2 23.0 34.4

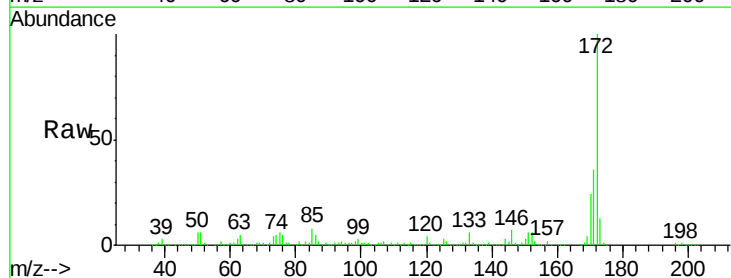


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

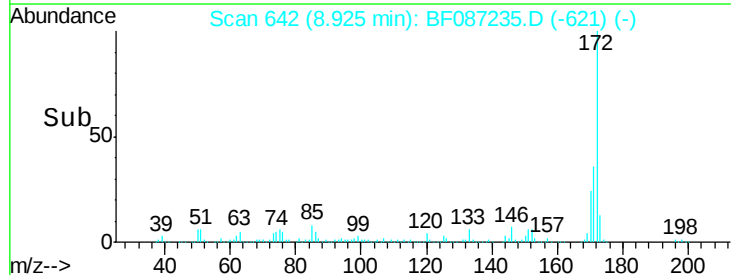
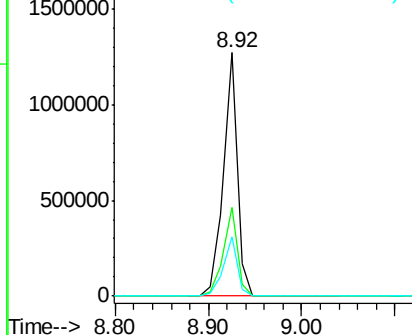


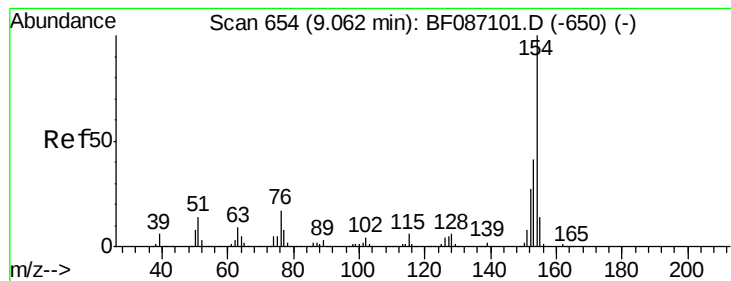
#44
 2-Fluorobiphenyl
 Concen: 82.52 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.06 min
 Lab File: BF087235.D
 Acq: 20 May 2016 20:26

Tgt Ion:172 Resp: 1323202
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.0 43.6
 170 24.5 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: 44.91 ng

RT: 9.03 min Scan# 651

Delta R.T. -0.05 min

Lab File: BF087235.D

Acq: 20 May 2016 20:26

Instrument :

BNA_F

ClientSampleId :

PB90764BSD

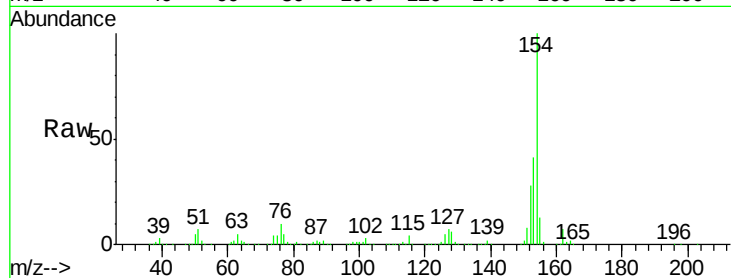
Tgt Ion:154 Resp: 988950

Ion Ratio Lower Upper

154 100

153 40.9 20.3 60.3

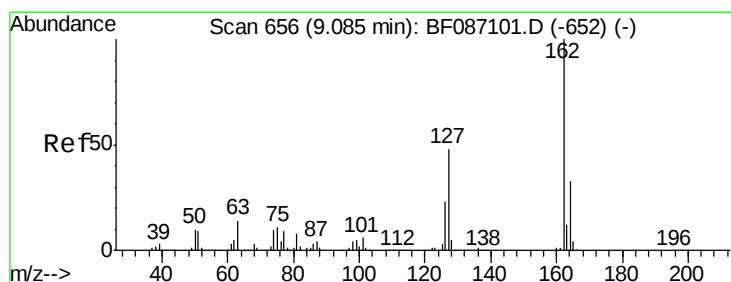
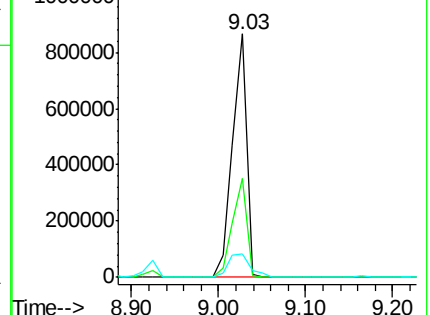
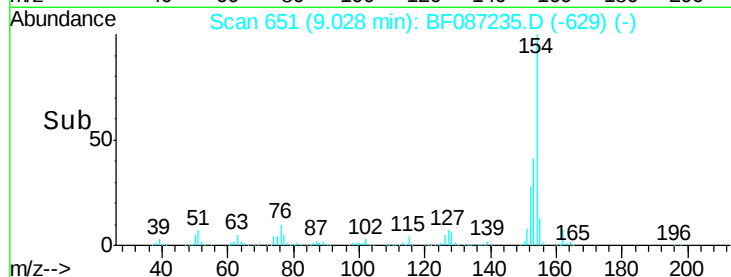
76 9.9 0.0 30.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 43.83 ng

RT: 9.05 min Scan# 653

Delta R.T. -0.05 min

Lab File: BF087235.D

Acq: 20 May 2016 20:26

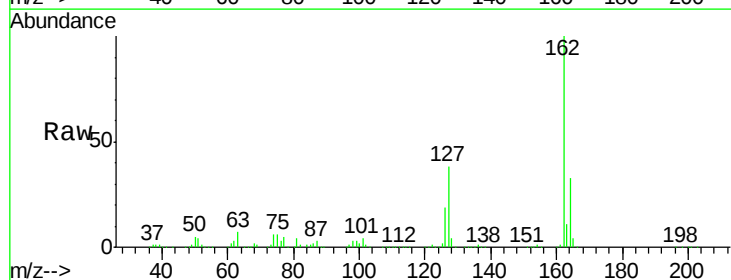
Tgt Ion:162 Resp: 740897

Ion Ratio Lower Upper

162 100

127 38.4 31.8 47.6

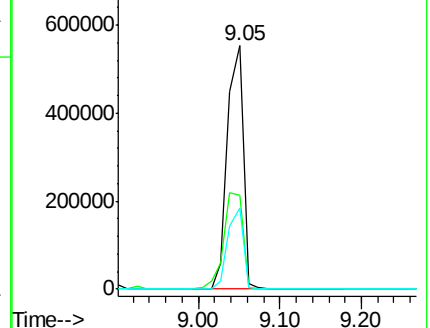
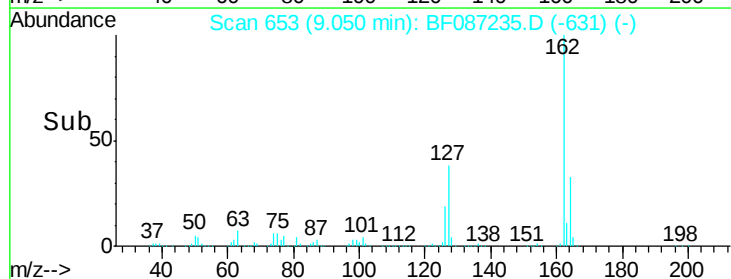
164 33.3 27.0 40.6

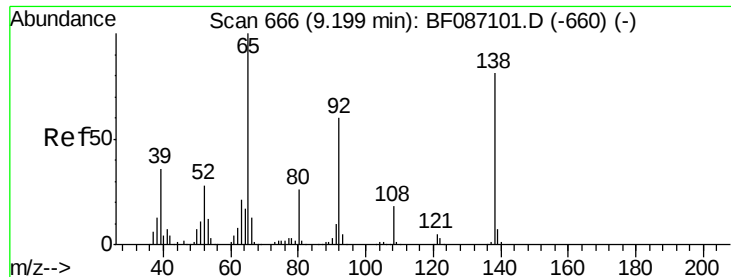


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

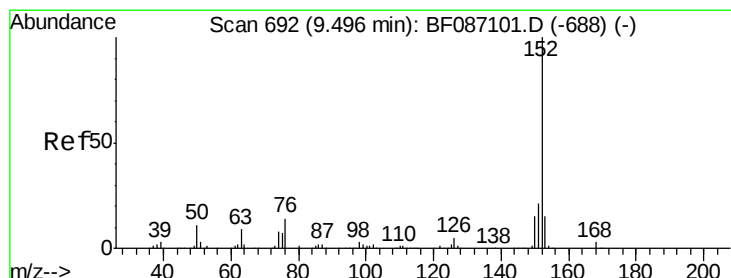
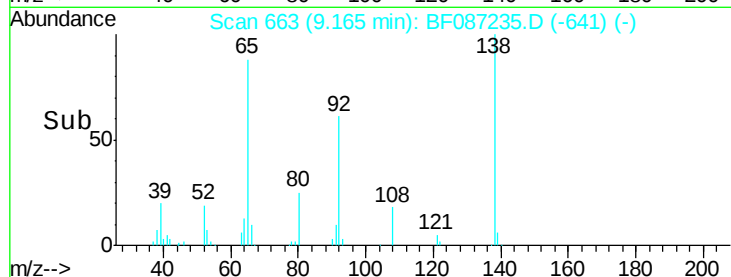
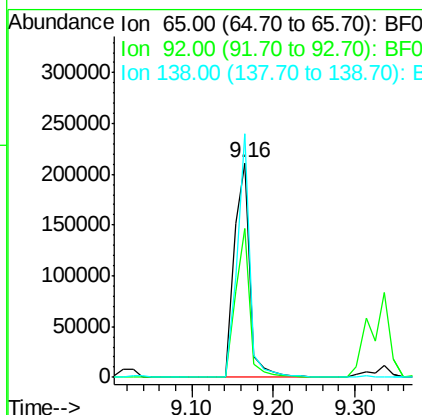
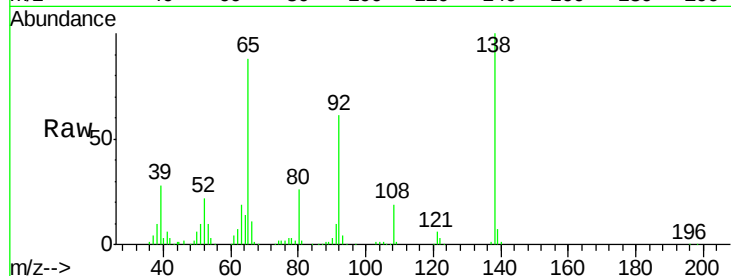




#47
2-Nitroaniline
Concen: 43.13 ng
RT: 9.16 min Scan# 663
Delta R.T. -0.05 min
Lab File: BF087235.D
Acq: 20 May 2016 20:26

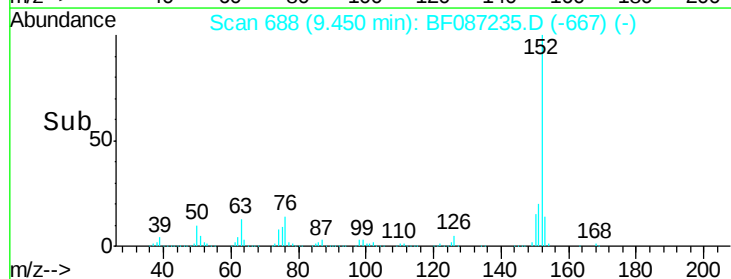
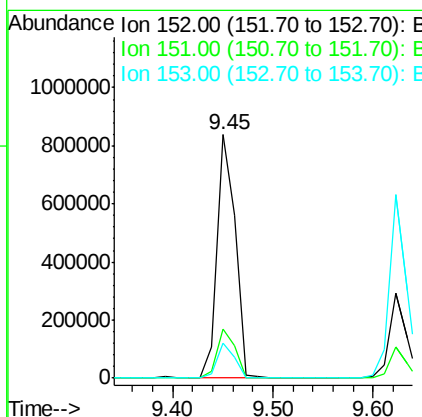
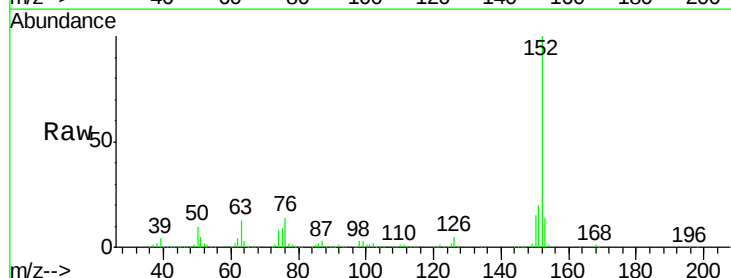
Instrument :
BNA_F
ClientSampleId :
PB90764BSD

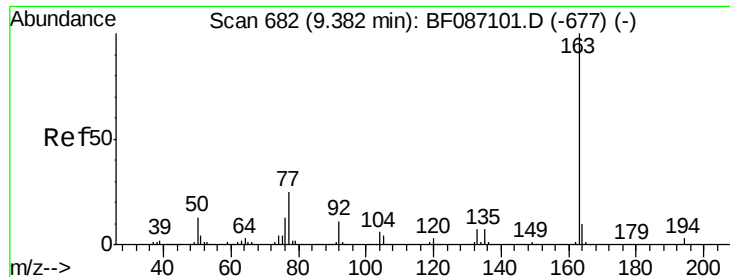
Tgt Ion: 65 Resp: 279430
Ion Ratio Lower Upper
65 100
92 69.6 57.4 86.2
138 113.4 90.1 135.1



#48
Acenaphthylene
Concen: 40.76 ng
RT: 9.45 min Scan# 688
Delta R.T. -0.06 min
Lab File: BF087235.D
Acq: 20 May 2016 20:26

Tgt Ion: 152 Resp: 1052088
Ion Ratio Lower Upper
152 100
151 20.3 16.8 25.2
153 14.4 10.9 16.3

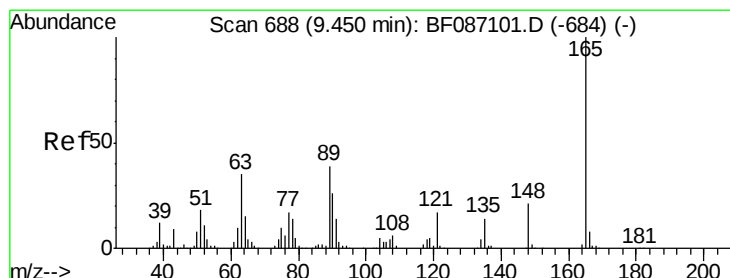
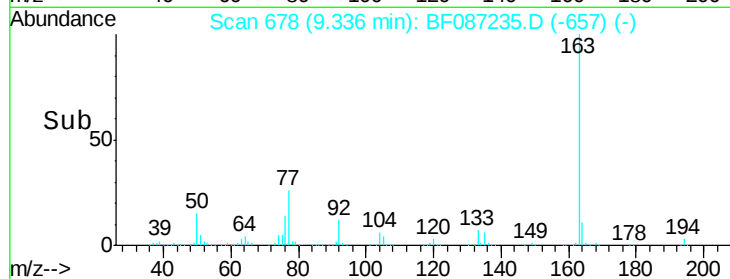
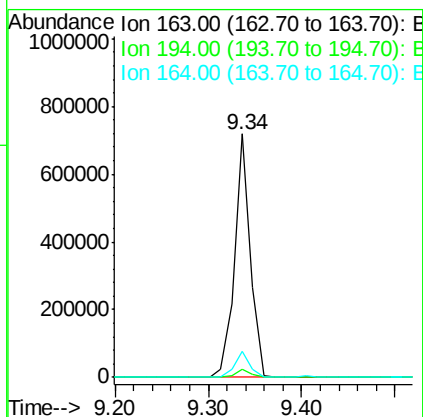
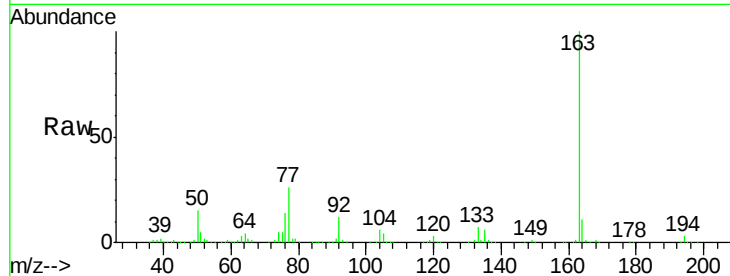




#49
Dimethylphthalate
Concen: 41.84 ng
RT: 9.34 min Scan# 678
Delta R.T. -0.06 min
Lab File: BF087235.D
Acq: 20 May 2016 20:26

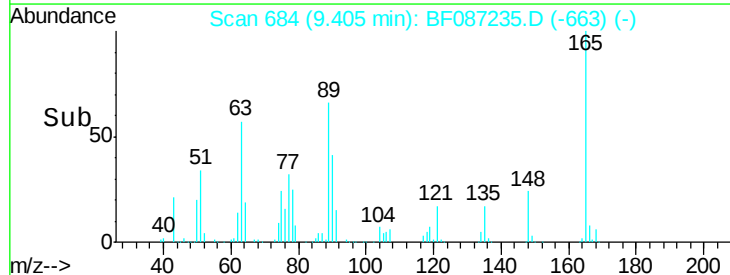
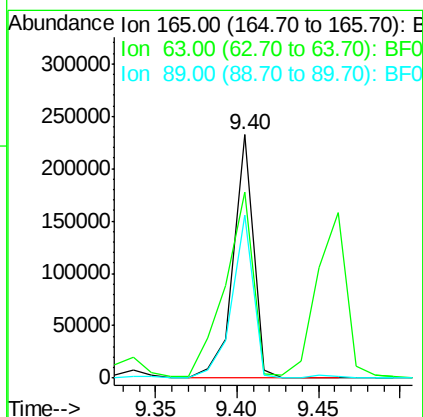
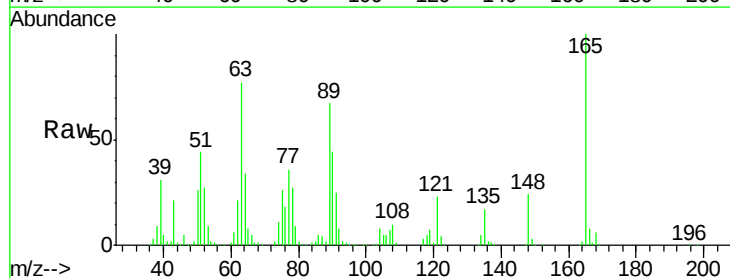
Instrument :
BNA_F
ClientSampleId :
PB90764BSD

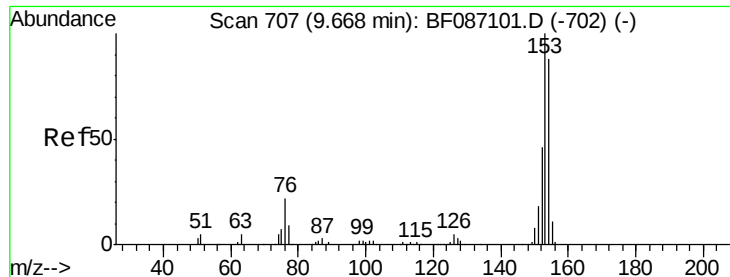
Tgt Ion:163 Resp: 847608
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 10.6 8.2 12.4



#50
2,6-Dinitrotoluene
Concen: 44.90 ng
RT: 9.40 min Scan# 684
Delta R.T. -0.06 min
Lab File: BF087235.D
Acq: 20 May 2016 20:26

Tgt Ion:165 Resp: 197497
Ion Ratio Lower Upper
165 100
63 76.6 51.8 77.8
89 66.9 50.7 76.1





#51

Acenaphthene

Concen: 39.15 ng

RT: 9.62 min Scan# 703

Delta R.T. -0.06 min

Lab File: BF087235.D

Acq: 20 May 2016 20:26

Instrument :

BNA_F

ClientSampleId :

PB90764BSD

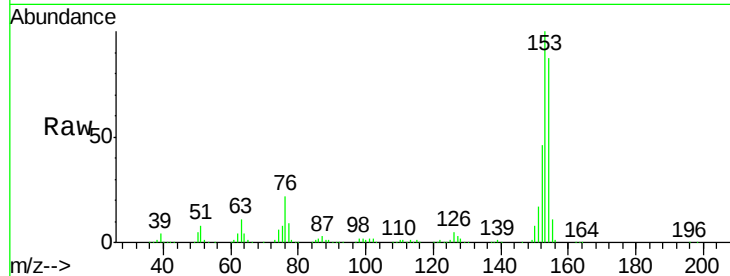
Tgt Ion:154 Resp: 631407

Ion Ratio Lower Upper

154 100

153 114.4 89.8 134.6

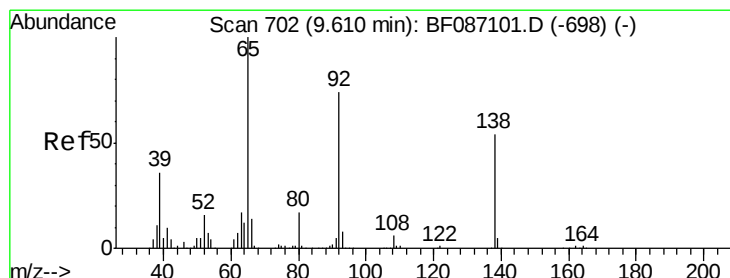
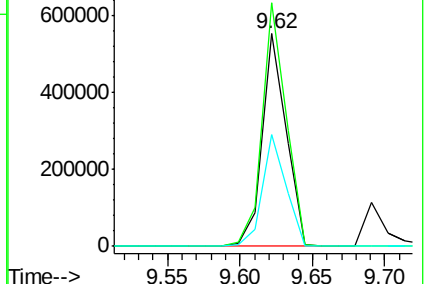
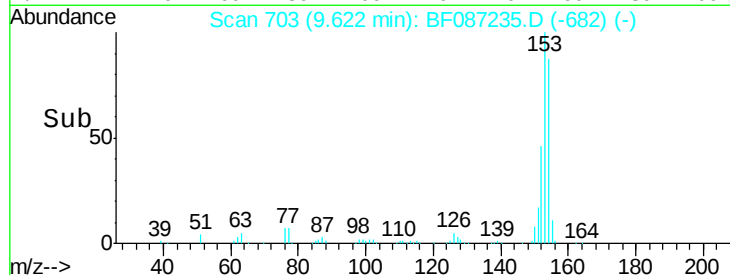
152 52.7 43.4 65.0



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: 16.21 ng

RT: 9.58 min Scan# 699

Delta R.T. -0.06 min

Lab File: BF087235.D

Acq: 20 May 2016 20:26

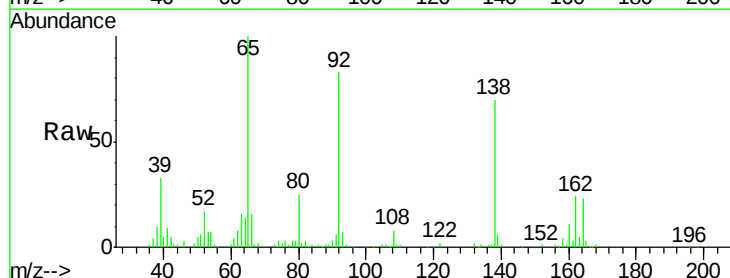
Tgt Ion:138 Resp: 77204

Ion Ratio Lower Upper

138 100

108 11.8 7.8 11.6#

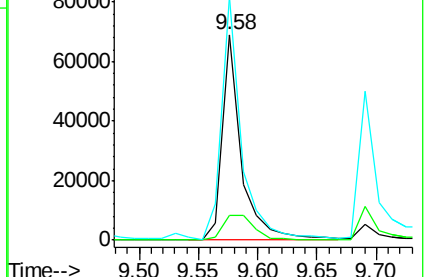
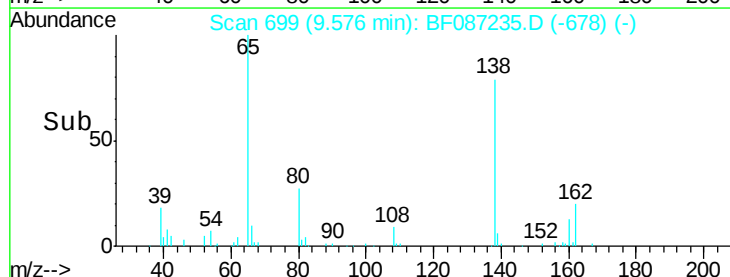
92 118.3 87.8 131.8

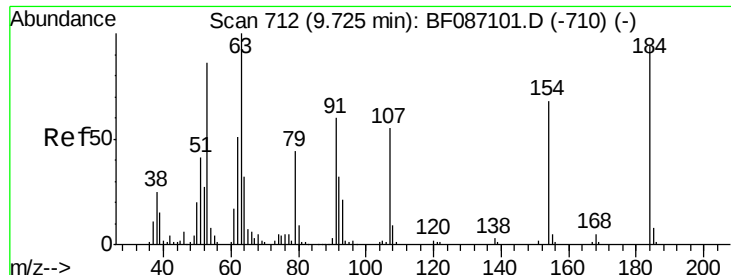


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

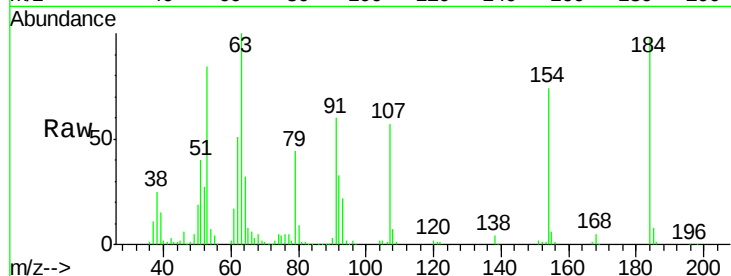




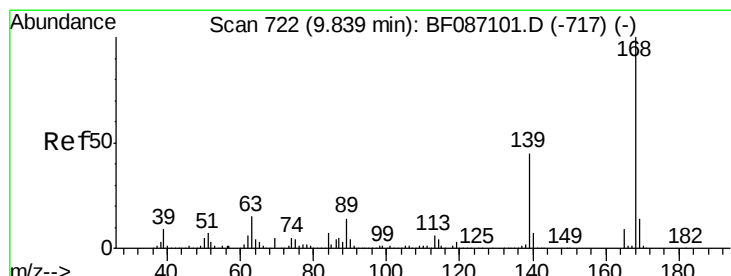
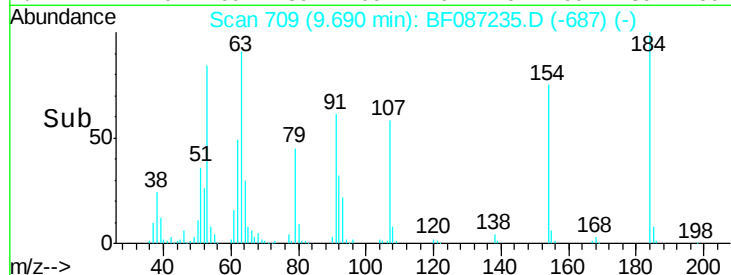
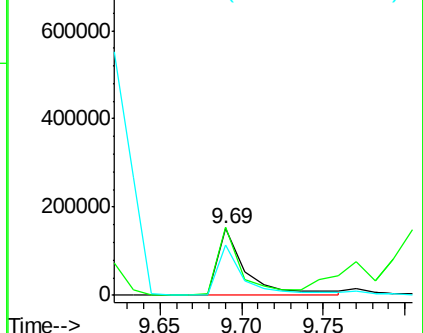
#53
2,4-Dinitrophenol
Concen: 73.62 ng
RT: 9.69 min Scan# 709
Delta R.T. -0.05 min
Lab File: BF087235.D
Acq: 20 May 2016 20:26

Instrument :
BNA_F
ClientSampleId :
PB90764BSD

Tgt Ion:184 Resp: 184558
Ion Ratio Lower Upper
184 100
63 101.9 55.8 83.8#
154 75.3 62.4 93.6

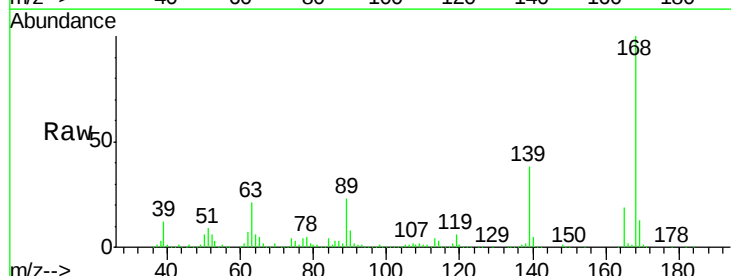


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

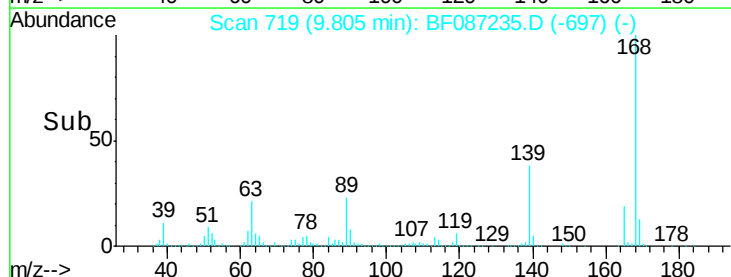
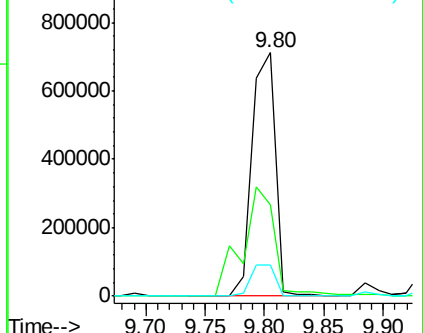


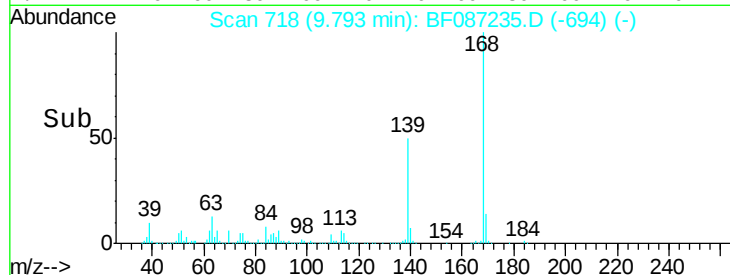
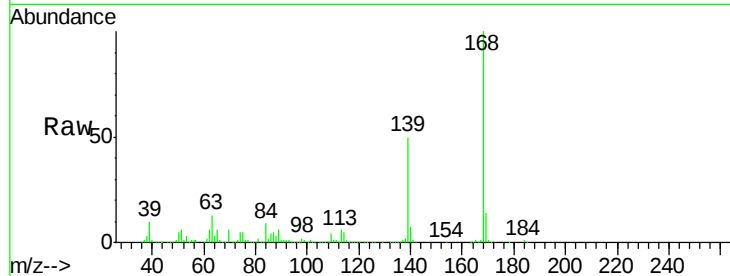
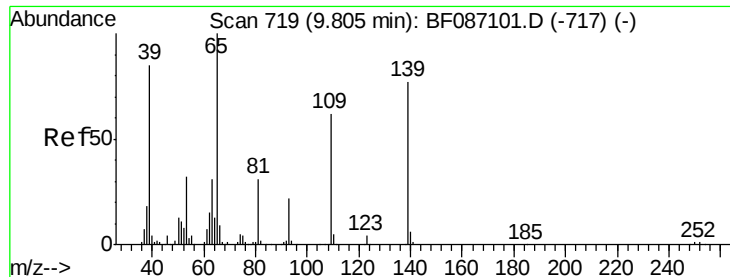
#54
Dibenzofuran
Concen: 46.96 ng
RT: 9.80 min Scan# 719
Delta R.T. -0.05 min
Lab File: BF087235.D
Acq: 20 May 2016 20:26

Tgt Ion:168 Resp: 979418
Ion Ratio Lower Upper
168 100
139 37.6 31.4 47.0
169 12.9 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

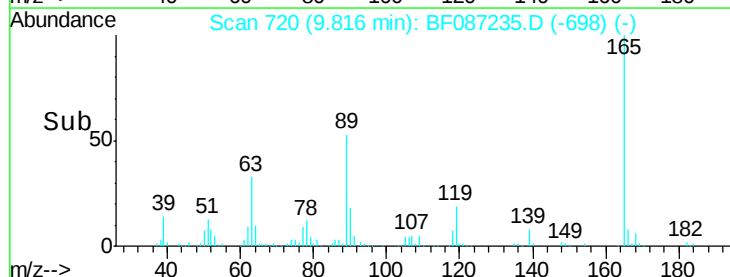
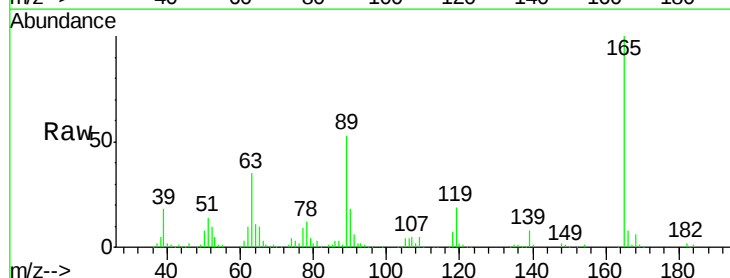
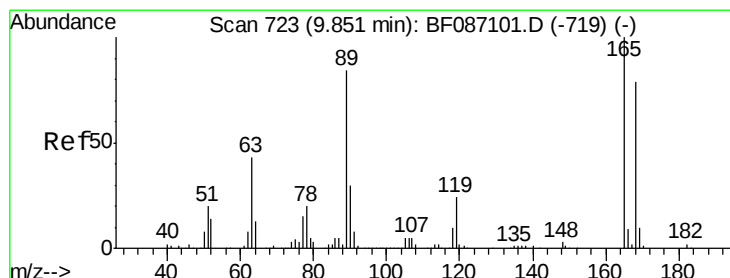
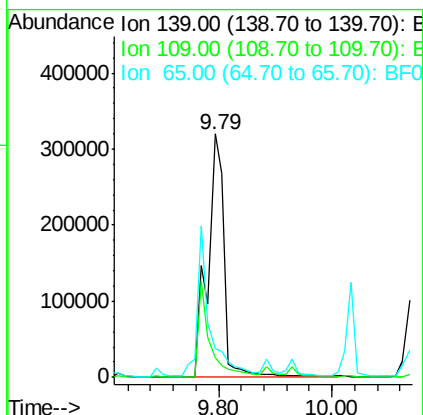




#55
4-Nitrophenol
Concen: 126.46 ng
RT: 9.79 min Scan# 718
Delta R.T. -0.02 min
Lab File: BF087235.D
Acq: 20 May 2016 20:26

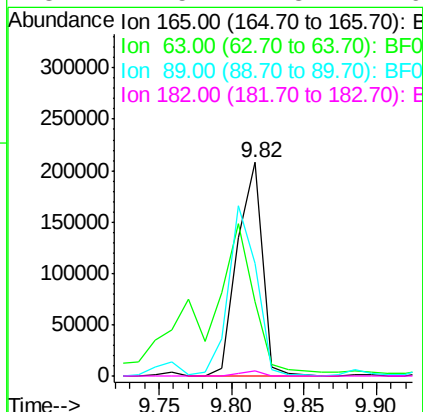
Instrument :
BNA_F
ClientSampleId :
PB90764BSD

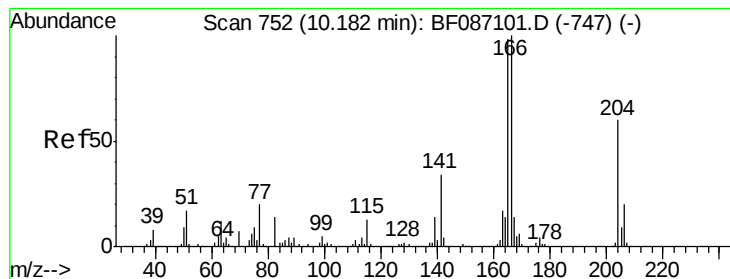
Tgt Ion:139 Resp: 627602
Ion Ratio Lower Upper
139 100
109 7.9 36.9 76.9#
65 12.0 64.0 104.0#



#56
2,4-Dinitrotoluene
Concen: 44.26 ng
RT: 9.82 min Scan# 720
Delta R.T. -0.05 min
Lab File: BF087235.D
Acq: 20 May 2016 20:26

Tgt Ion:165 Resp: 249353
Ion Ratio Lower Upper
165 100
63 35.1 44.3 66.5#
89 52.6 70.0 105.0#
182 2.5 1.8 2.6





#57

Fluorene

Concen: 41.39 ng

RT: 10.14 min Scan# 748

Delta R.T. -0.06 min

Lab File: BF087235.D

Acq: 20 May 2016 20:26

Instrument :

BNA_F

ClientSampleId :

PB90764BSD

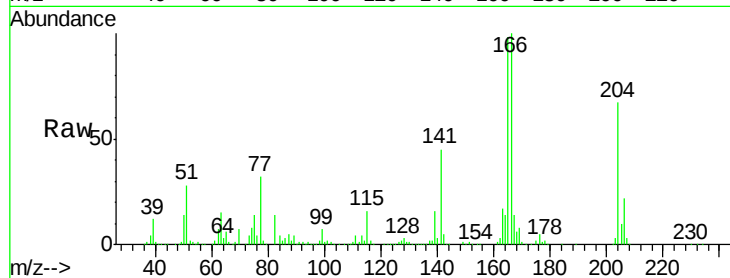
Tgt Ion:166 Resp: 693510

Ion Ratio Lower Upper

166 100

165 98.5 79.0 118.6

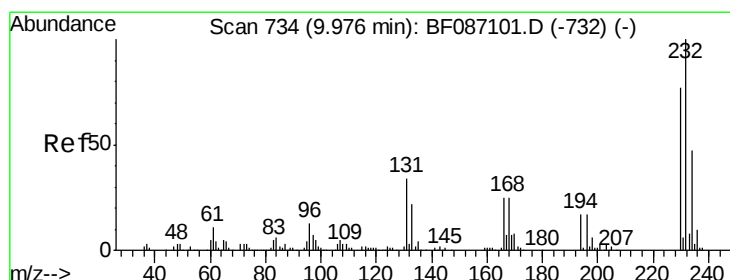
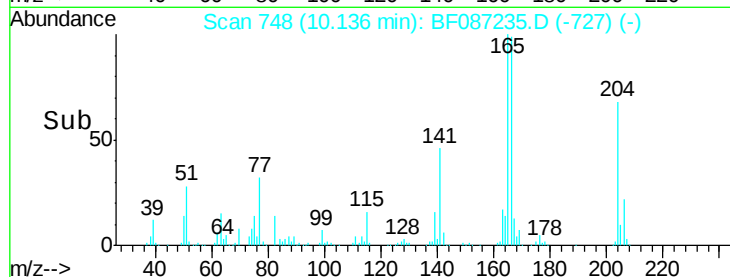
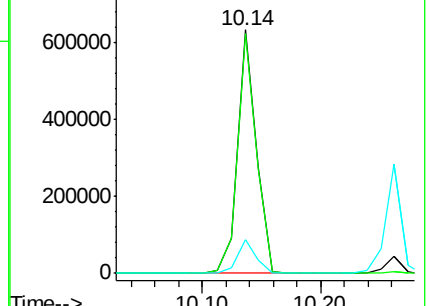
167 13.9 10.6 15.8



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: 50.10 ng

RT: 9.93 min Scan# 730

Delta R.T. -0.06 min

Lab File: BF087235.D

Acq: 20 May 2016 20:26

Tgt Ion:232 Resp: 203912

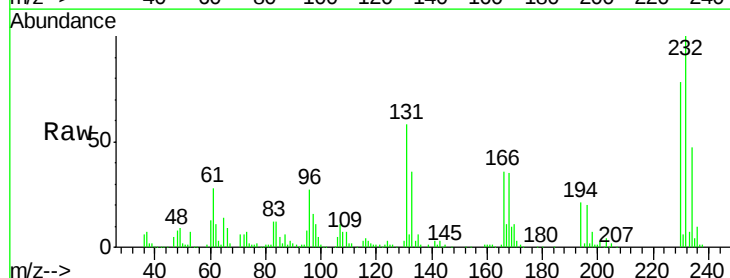
Ion Ratio Lower Upper

232 100

131 51.0 41.9 62.9

130 2.8 2.2 3.4

166 30.4 26.8 40.2

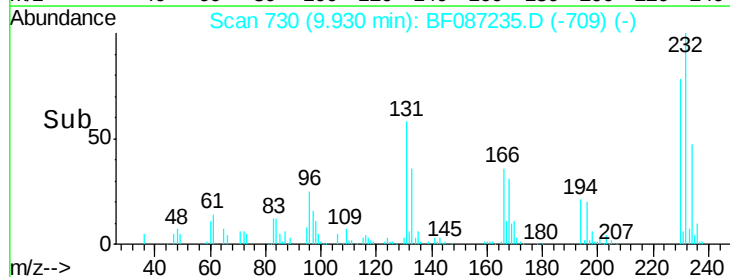
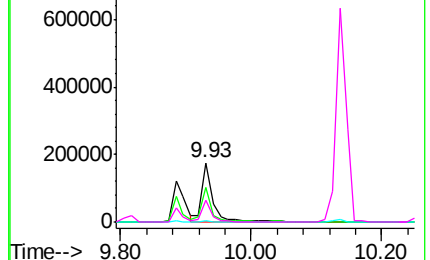


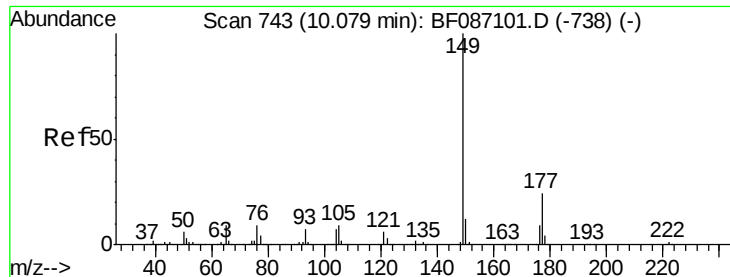
Abundance Ion 232.00 (231.70 to 232.70): E

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

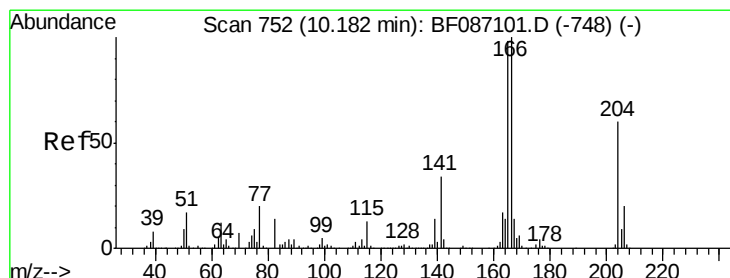
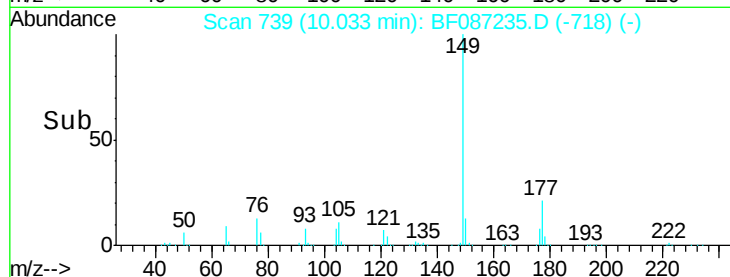
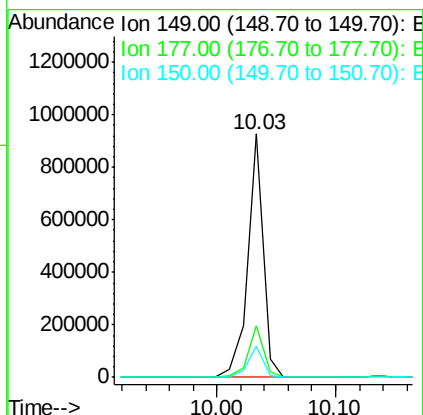
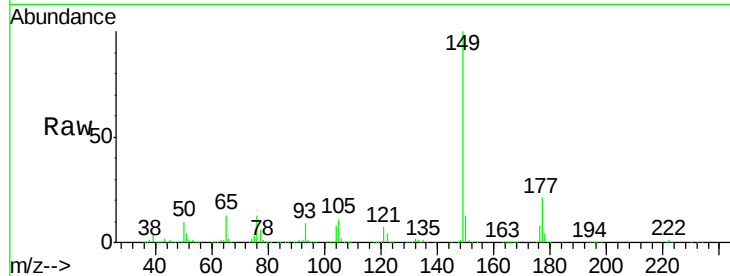




#59
Diethylphthalate
Concen: 43.48 ng
RT: 10.03 min Scan# 739
Delta R.T. -0.06 min
Lab File: BF087235.D
Acq: 20 May 2016 20:26

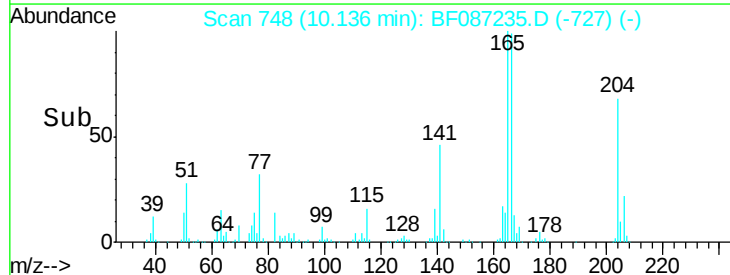
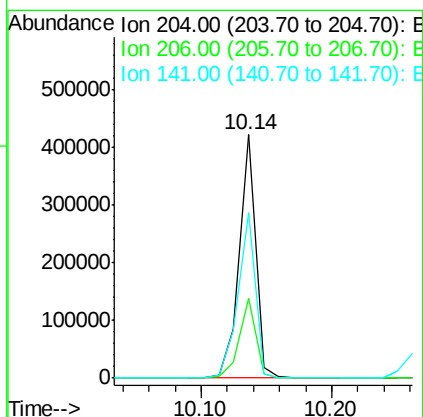
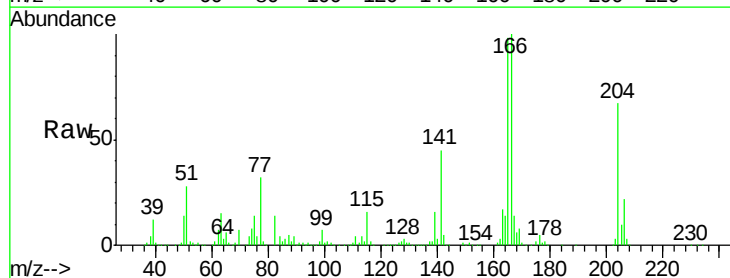
Instrument :
BNA_F
ClientSampleId :
PB90764BSD

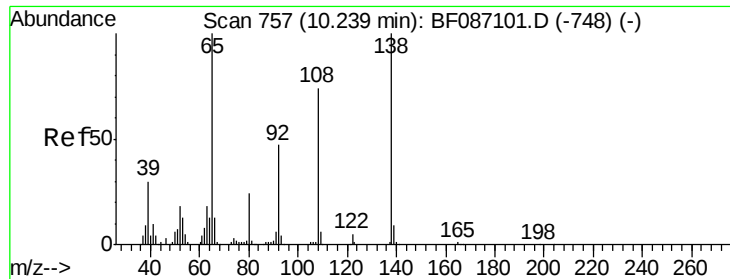
Tgt Ion:149 Resp: 840932
Ion Ratio Lower Upper
149 100
177 21.0 16.6 24.8
150 13.0 10.0 15.0



#60
4-Chlorophenyl-phenylether
Concen: 46.27 ng
RT: 10.14 min Scan# 748
Delta R.T. -0.06 min
Lab File: BF087235.D
Acq: 20 May 2016 20:26

Tgt Ion:204 Resp: 367520
Ion Ratio Lower Upper
204 100
206 32.6 25.4 38.0
141 68.0 61.6 92.4





#61

4-Nitroaniline

Concen: 39.15 ng

RT: 10.19 min Scan# 753

Delta R.T. -0.06 min

Lab File: BF087235.D

Acq: 20 May 2016 20:26

Instrument :

BNA_F

ClientSampleId :

PB90764BSD

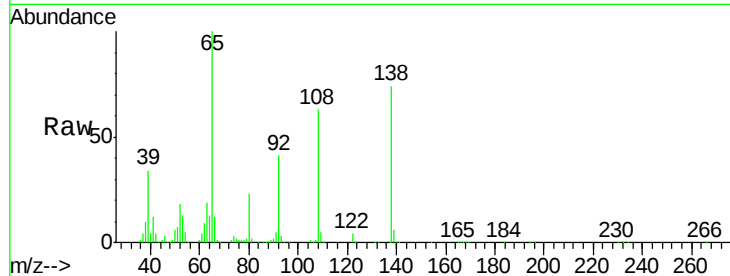
Tgt Ion:138 Resp: 184060

Ion Ratio Lower Upper

138 100

92 55.4 24.7 64.7

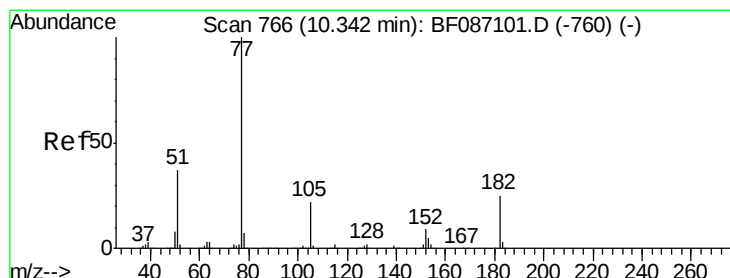
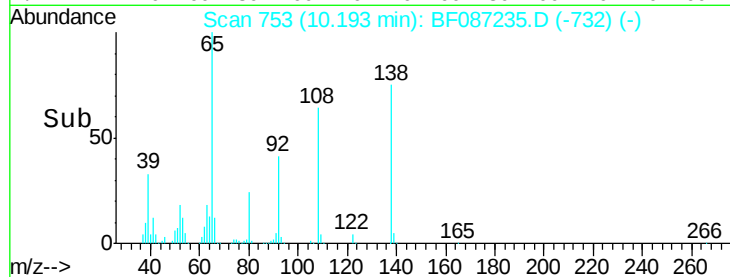
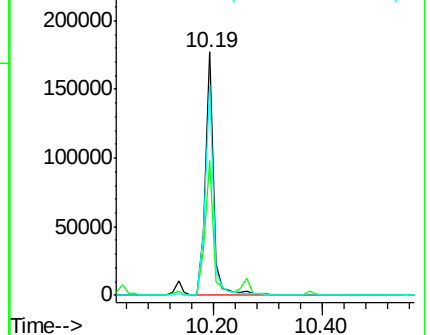
108 86.3 37.4 77.4#



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: 48.45 ng

RT: 10.30 min Scan# 762

Delta R.T. -0.06 min

Lab File: BF087235.D

Acq: 20 May 2016 20:26

Tgt Ion: 77 Resp: 1079678

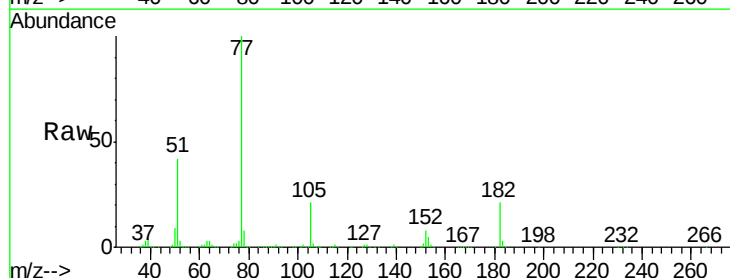
Ion Ratio Lower Upper

77 100

182 20.8 0.0 38.8

105 21.1 3.2 43.2

51 42.0 8.8 48.8

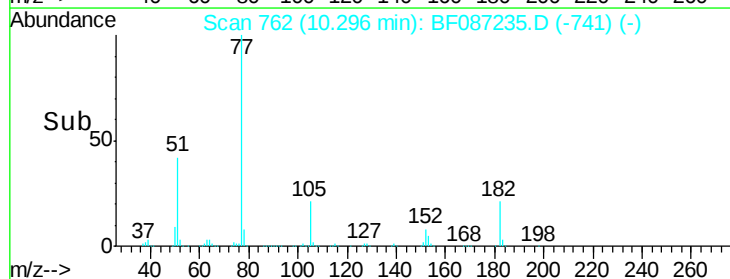
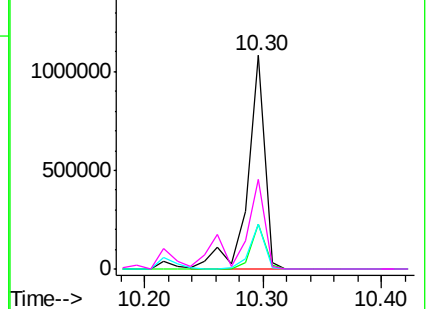


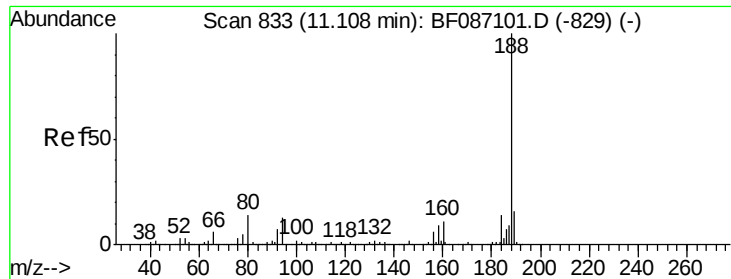
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

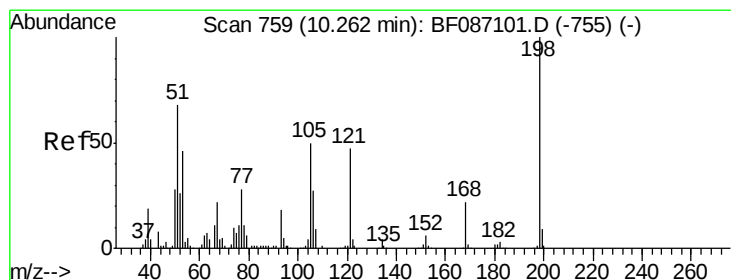
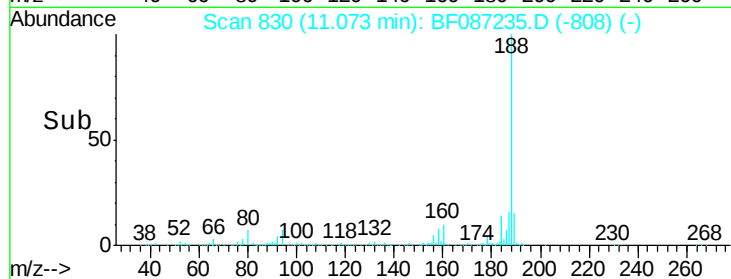
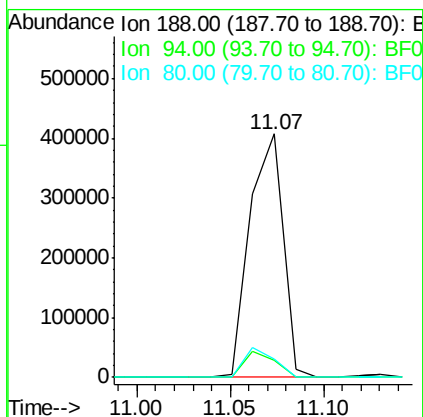
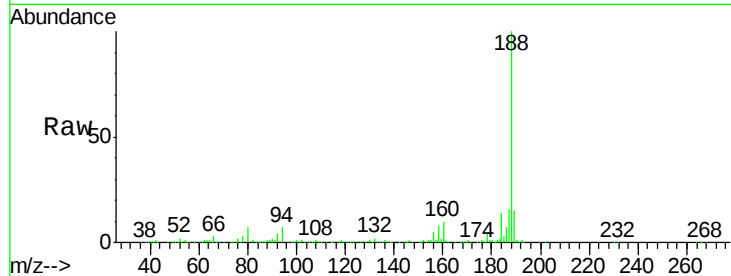




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.07 min Scan# 830
 Delta R.T. -0.05 min
 Lab File: BF087235.D
 Acq: 20 May 2016 20:26

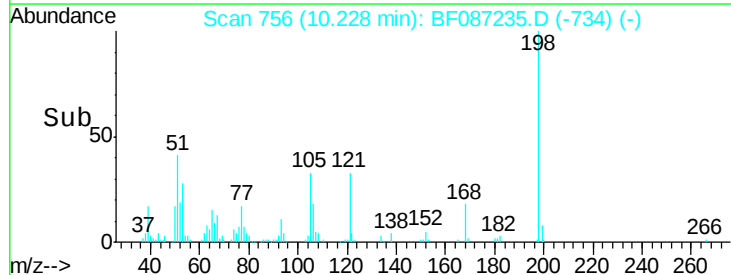
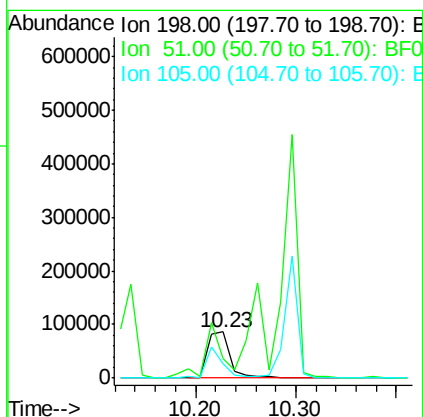
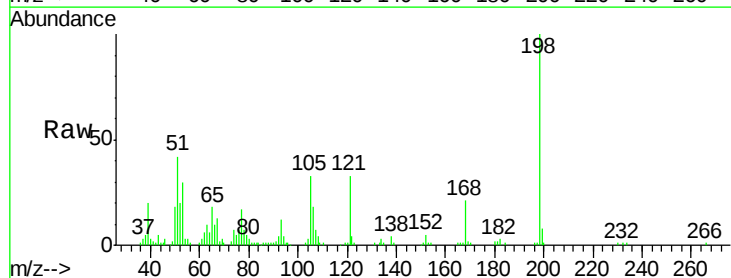
Instrument :
 BNA_F
 ClientSampleId :
 PB90764BSD

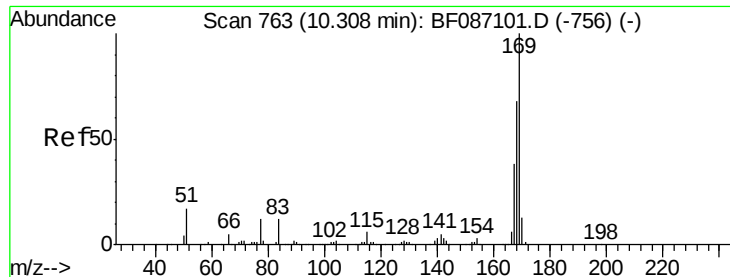
Tgt Ion:188 Resp: 504351
 Ion Ratio Lower Upper
 188 100
 94 6.8 6.8 10.2#
 80 7.3 7.1 10.7



#64
 4,6-Dinitro-2-methylphenol
 Concen: 40.42 ng
 RT: 10.23 min Scan# 756
 Delta R.T. -0.05 min
 Lab File: BF087235.D
 Acq: 20 May 2016 20:26

Tgt Ion:198 Resp: 134274
 Ion Ratio Lower Upper
 198 100
 51 42.1 20.5 60.5
 105 32.8 24.5 64.5





#65

n-Nitrosodiphenylamine

Concen: 43.35 ng

RT: 10.26 min Scan# 759

Delta R.T. -0.06 min

Lab File: BF087235.D

Acq: 20 May 2016 20:26

Instrument :

BNA_F

ClientSampleId :

PB90764BSD

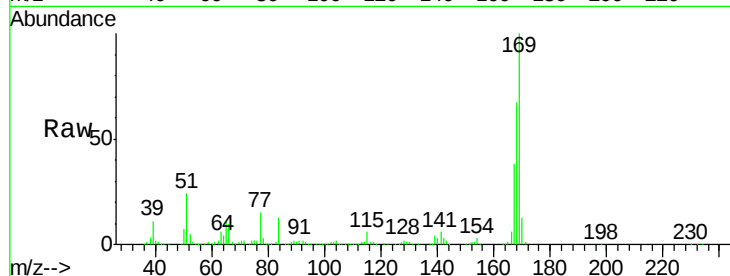
Tgt Ion:169 Resp: 687979

Ion Ratio Lower Upper

169 100

168 67.4 53.8 80.6

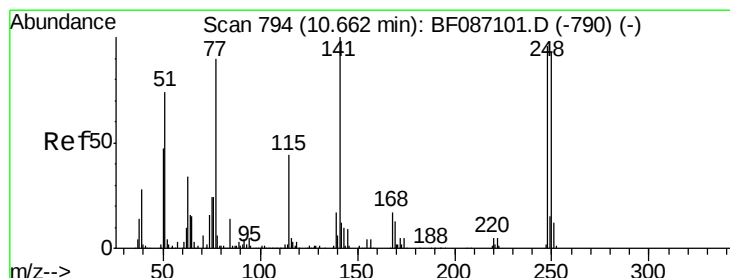
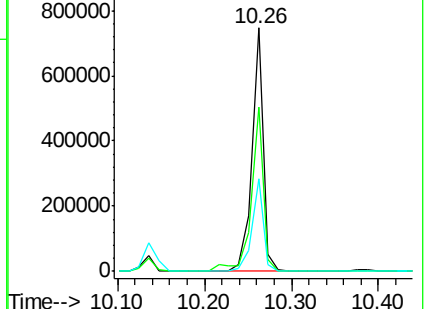
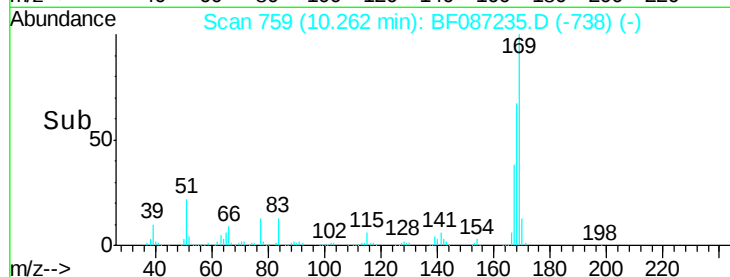
167 37.8 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 42.52 ng

RT: 10.62 min Scan# 790

Delta R.T. -0.06 min

Lab File: BF087235.D

Acq: 20 May 2016 20:26

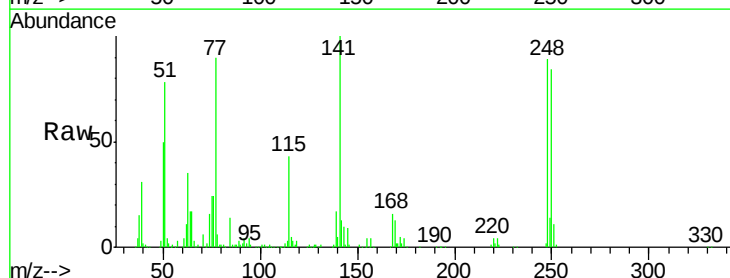
Tgt Ion:248 Resp: 220541

Ion Ratio Lower Upper

248 100

250 93.9 78.6 117.8

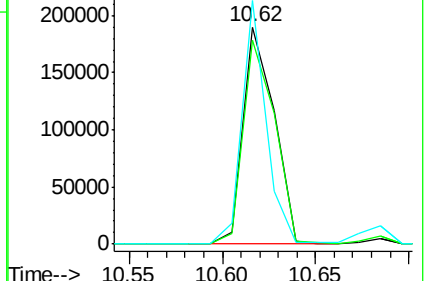
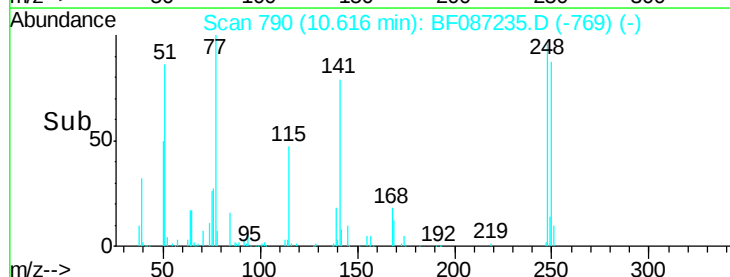
141 112.2 76.0 114.0

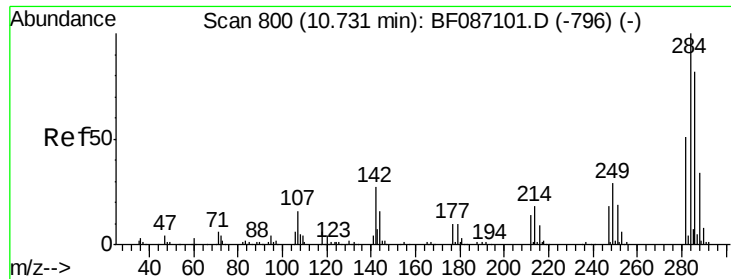


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

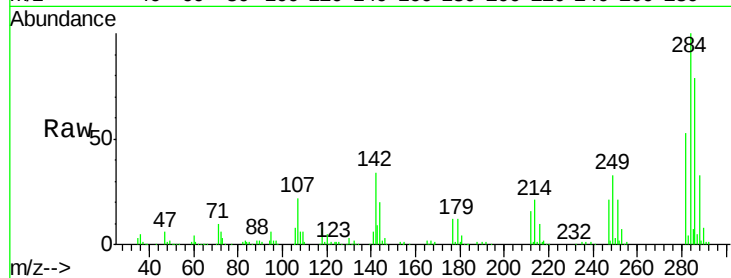




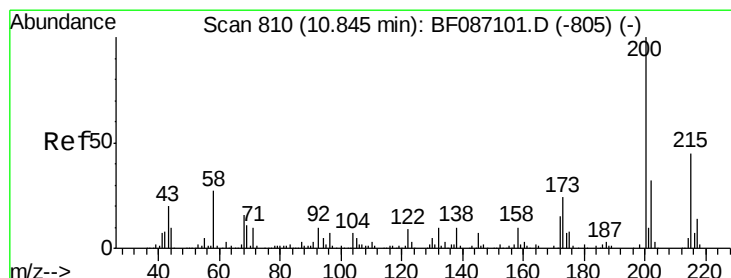
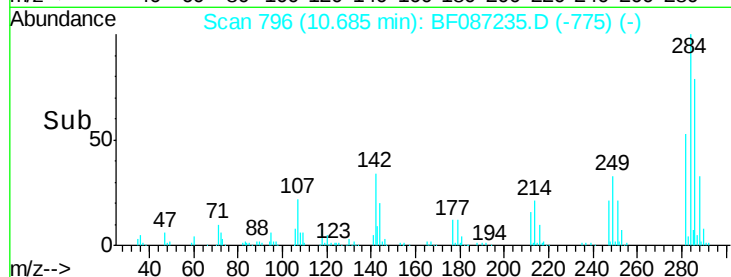
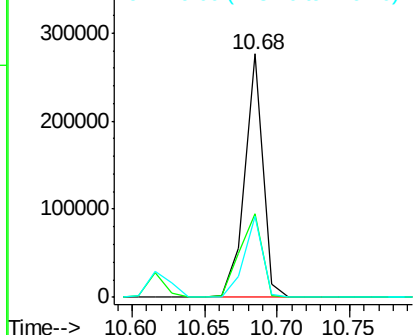
#67
Hexachlorobenzene
Concen: 39.94 ng
RT: 10.68 min Scan# 796
Delta R.T. -0.06 min
Lab File: BF087235.D
Acq: 20 May 2016 20:26

Instrument :
BNA_F
ClientSampleId :
PB90764BSD

Tgt Ion: 284 Resp: 240152
Ion Ratio Lower Upper
284 100
142 34.1 16.7 25.1#
249 33.4 21.3 31.9#

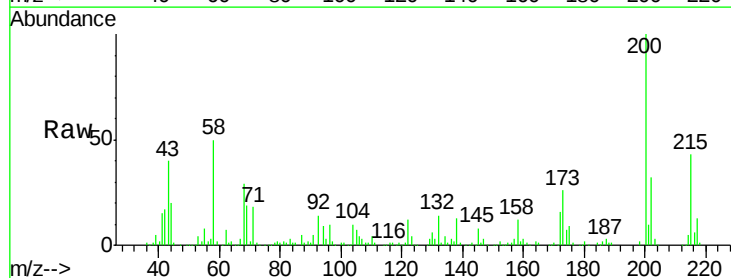


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

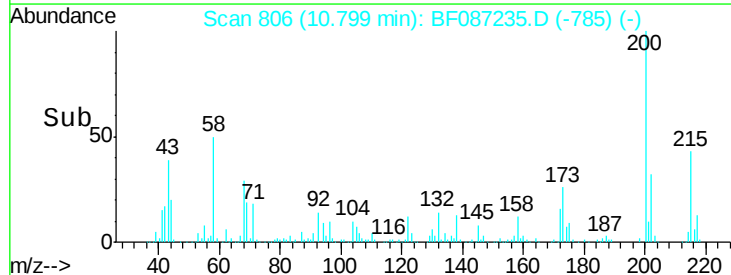
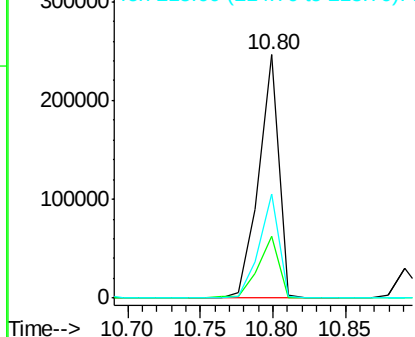


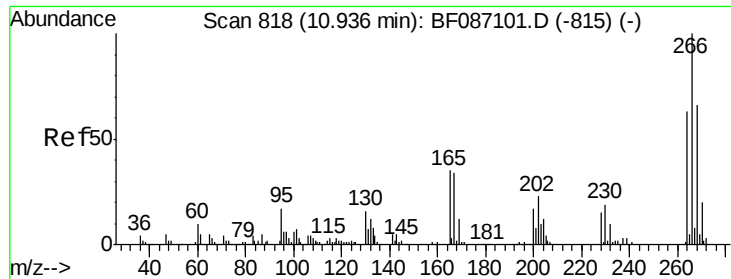
#68
Atrazine
Concen: 45.93 ng
RT: 10.80 min Scan# 806
Delta R.T. -0.06 min
Lab File: BF087235.D
Acq: 20 May 2016 20:26

Tgt Ion: 200 Resp: 237826
Ion Ratio Lower Upper
200 100
173 25.5 8.5 48.5
215 42.9 27.2 67.2



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

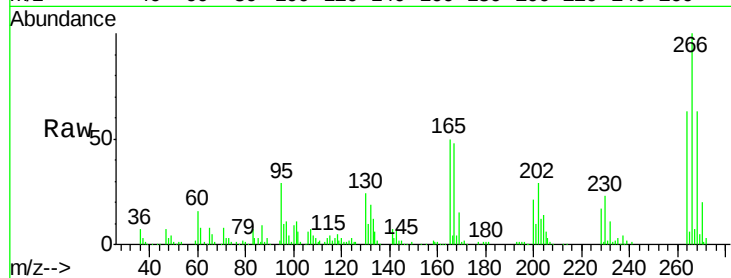




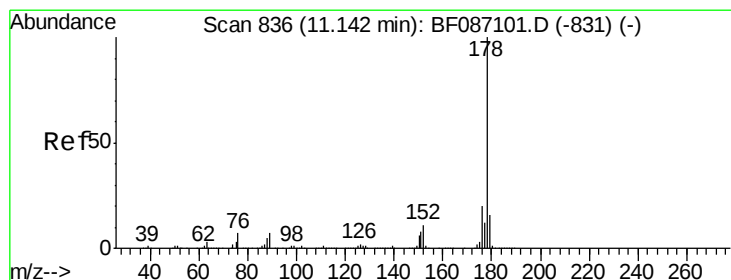
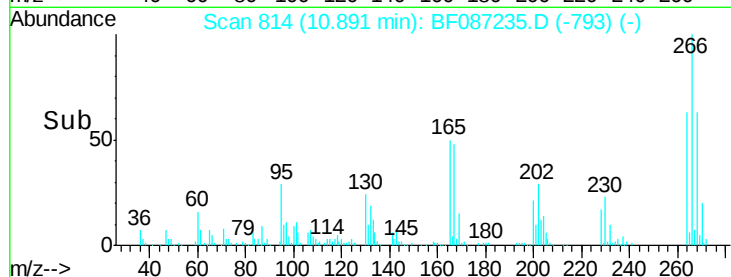
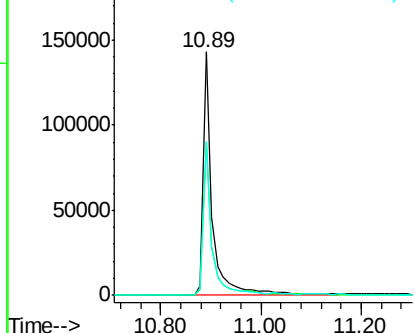
#69
 Pentachlorophenol
 Concen: 81.73 ng
 RT: 10.89 min Scan# 814
 Delta R.T. -0.06 min
 Lab File: BF087235.D
 Acq: 20 May 2016 20:26

Instrument :
 BNA_F
 ClientSampleId :
 PB90764BSD

Tgt Ion:266 Resp: 184611
 Ion Ratio Lower Upper
 266 100
 268 62.9 51.5 77.3
 264 63.2 52.9 79.3

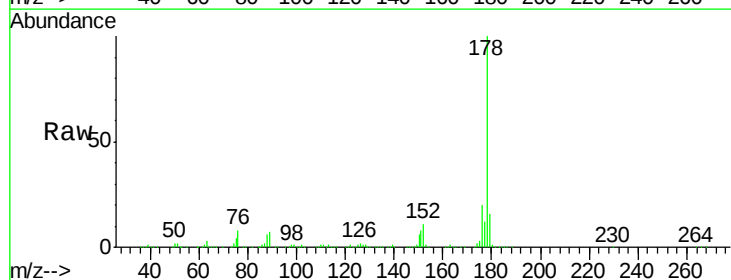


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

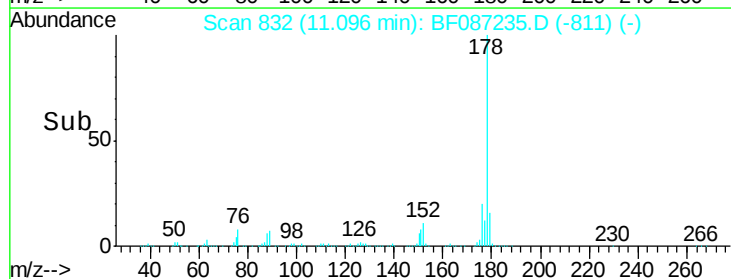
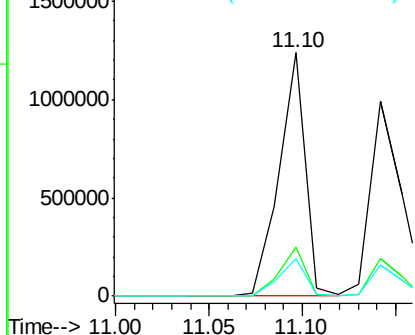


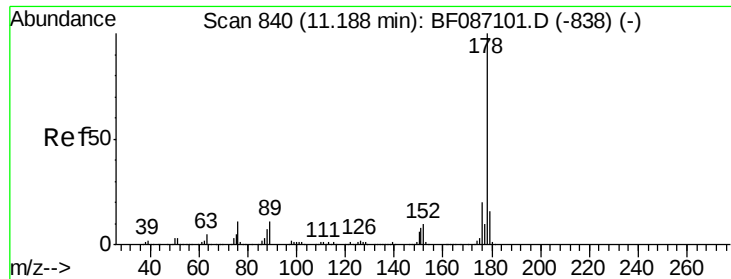
#70
 Phenanthrene
 Concen: 44.16 ng
 RT: 11.10 min Scan# 832
 Delta R.T. -0.06 min
 Lab File: BF087235.D
 Acq: 20 May 2016 20:26

Tgt Ion:178 Resp: 1207936
 Ion Ratio Lower Upper
 178 100
 176 20.3 16.0 24.0
 179 15.6 12.6 18.8



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

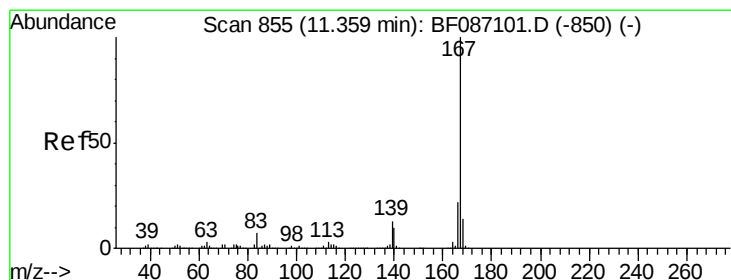
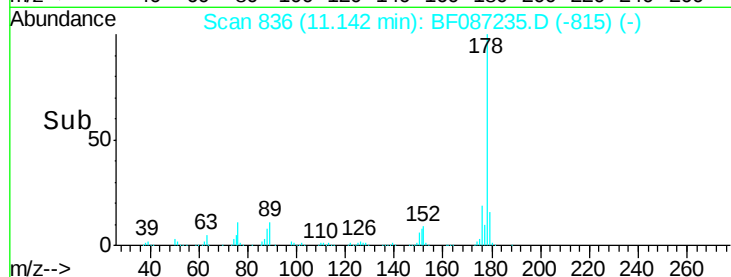
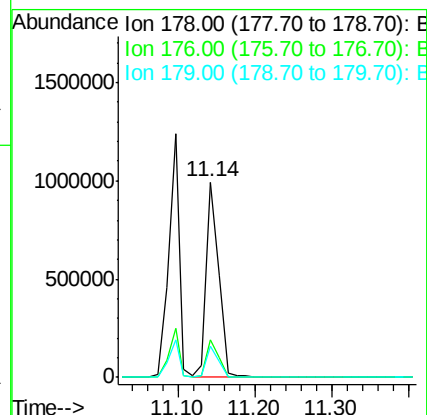
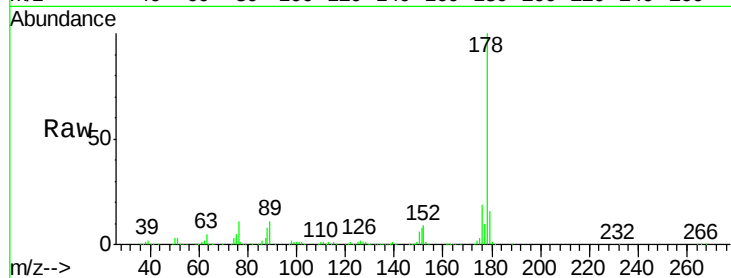




#71
 Anthracene
 Concen: 40.15 ng
 RT: 11.14 min Scan# 836
 Delta R.T. -0.06 min
 Lab File: BF087235.D
 Acq: 20 May 2016 20:26

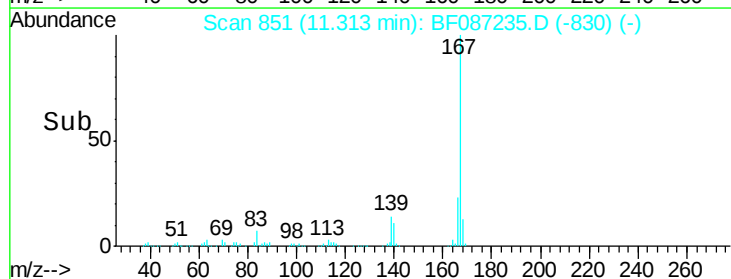
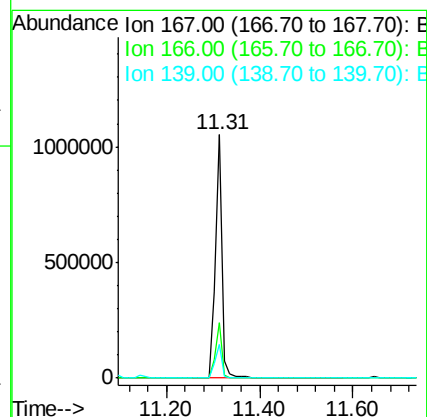
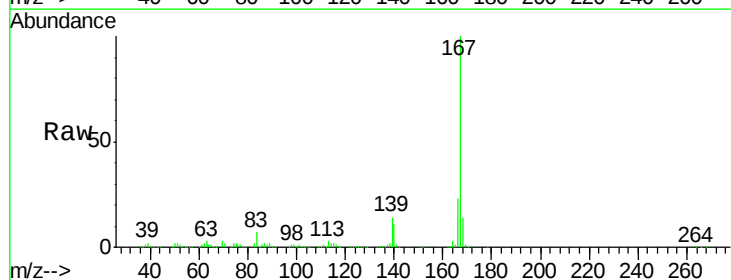
Instrument :
 BNA_F
 ClientSampleId :
 PB90764BSD

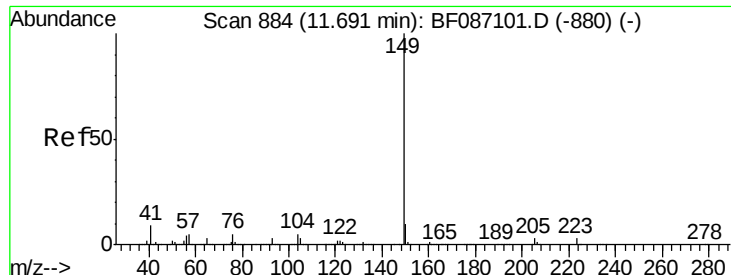
Tgt Ion:178 Resp: 1110897
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.6 23.4
 179 16.0 12.7 19.1



#72
 Carbazole
 Concen: 42.28 ng
 RT: 11.31 min Scan# 851
 Delta R.T. -0.06 min
 Lab File: BF087235.D
 Acq: 20 May 2016 20:26

Tgt Ion:167 Resp: 1068646
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.7 26.5
 139 13.8 10.8 16.2





#73

Di-n-butylphthalate

Concen: 47.01 ng

RT: 11.64 min Scan# 880

Delta R.T. -0.06 min

Lab File: BF087235.D

Acq: 20 May 2016 20:26

Instrument :

BNA_F

ClientSampleId :

PB90764BSD

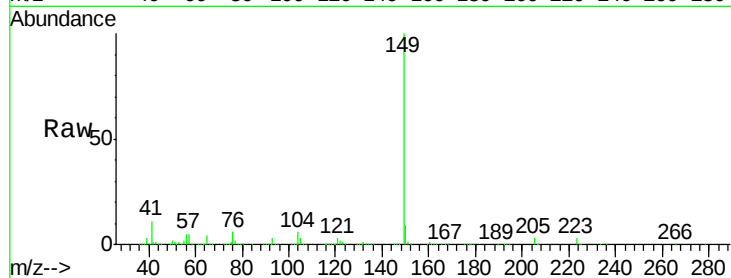
Tgt Ion:149 Resp: 1364695

Ion Ratio Lower Upper

149 100

150 9.4 7.6 11.4

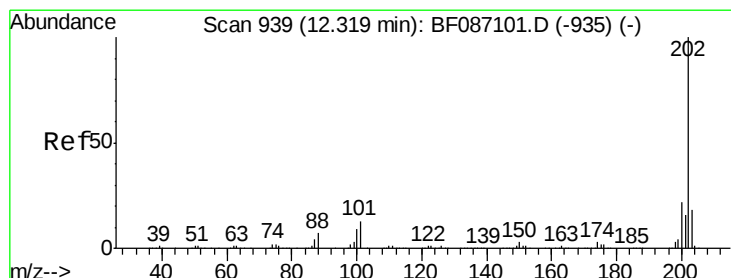
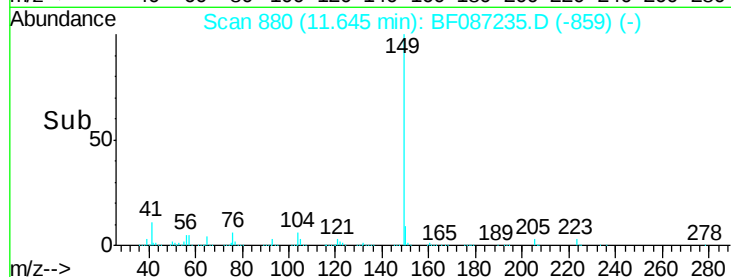
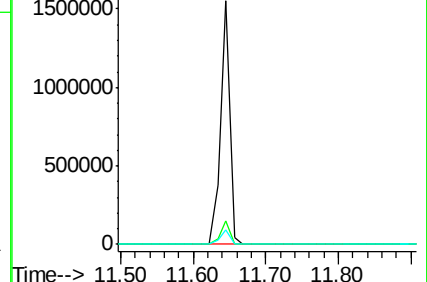
104 5.7 3.8 5.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.92 ng

RT: 12.27 min Scan# 935

Delta R.T. -0.06 min

Lab File: BF087235.D

Acq: 20 May 2016 20:26

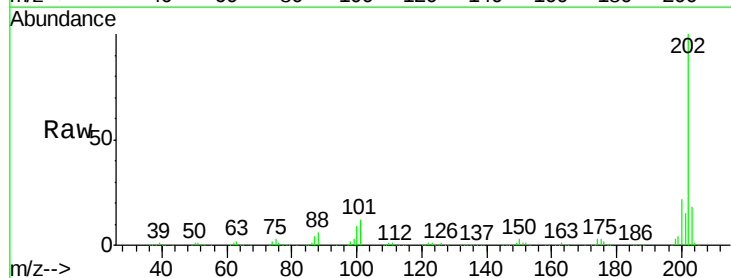
Tgt Ion:202 Resp: 1121396

Ion Ratio Lower Upper

202 100

101 12.4 0.0 35.4

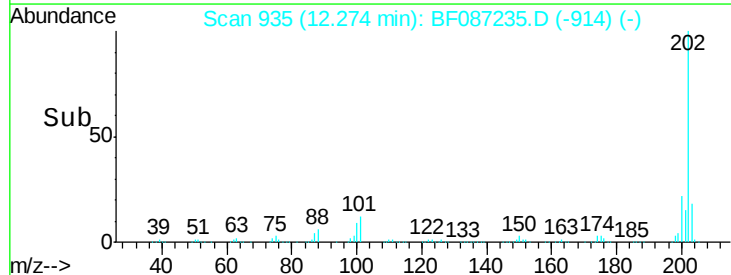
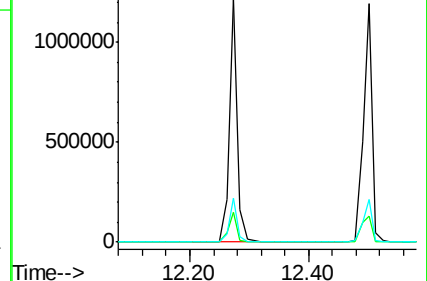
203 17.9 0.0 38.1

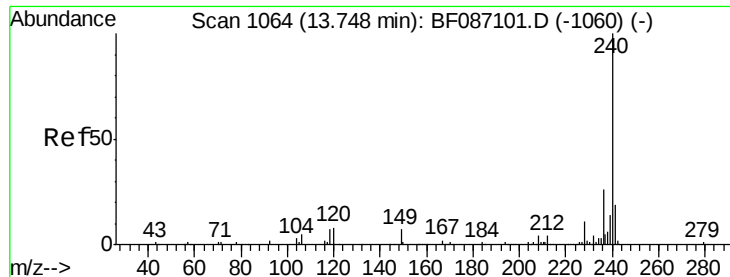


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.70 min Scan# 1060

Delta R.T. -0.06 min

Lab File: BF087235.D

Acq: 20 May 2016 20:26

Instrument :

BNA_F

ClientSampleId :

PB90764BSD

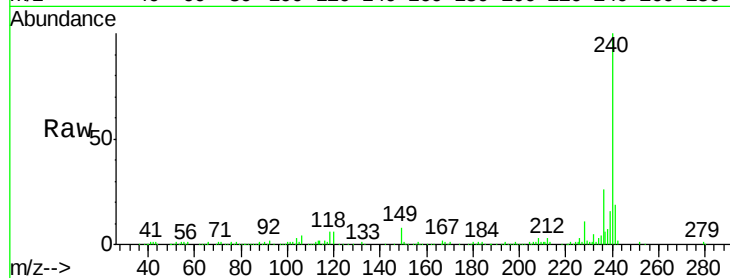
Tgt Ion:240 Resp: 333725

Ion Ratio Lower Upper

240 100

120 6.4 11.2 16.8#

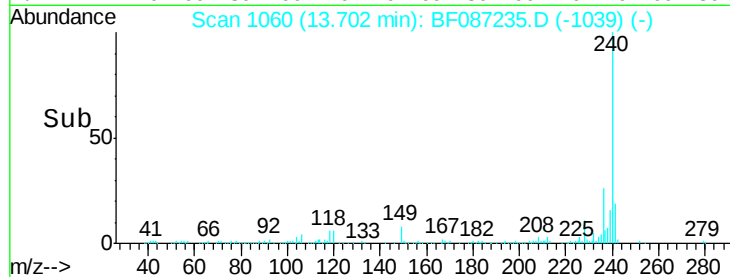
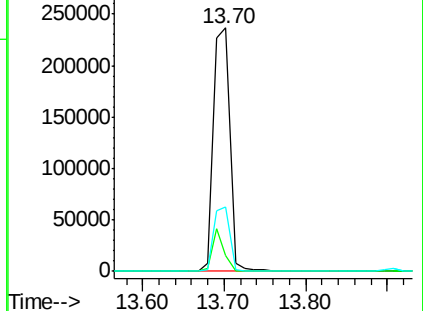
236 26.2 21.2 31.8



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: 24.67 ng

RT: 12.41 min Scan# 947

Delta R.T. -0.06 min

Lab File: BF087235.D

Acq: 20 May 2016 20:26

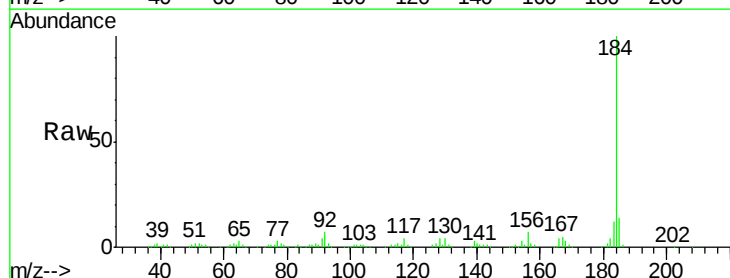
Tgt Ion:184 Resp: 260488

Ion Ratio Lower Upper

184 100

185 14.1 13.6 20.4

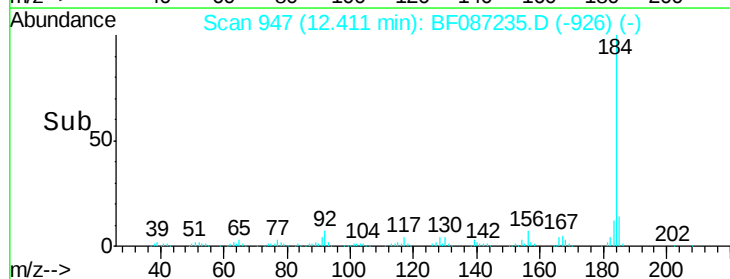
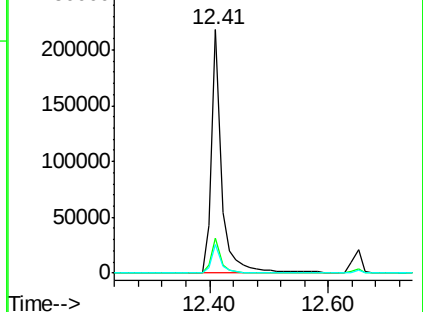
183 11.6 9.8 14.6

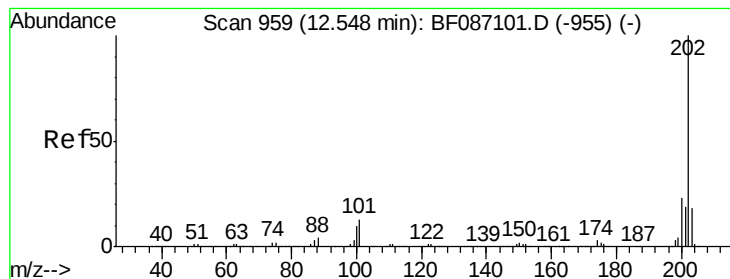


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 50.07 ng

RT: 12.50 min Scan# 955

Delta R.T. -0.06 min

Lab File: BF087235.D

Acq: 20 May 2016 20:26

Instrument :

BNA_F

ClientSampleId :

PB90764BSD

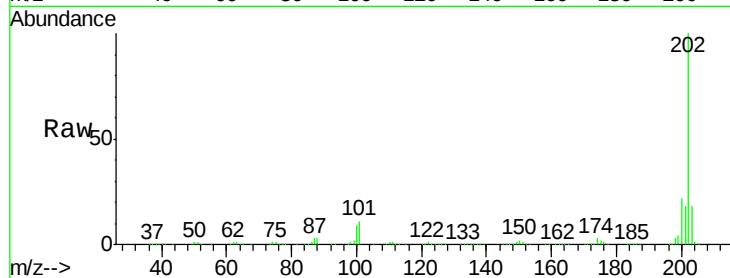
Tgt Ion:202 Resp: 1207190

Ion Ratio Lower Upper

202 100

200 22.4 17.7 26.5

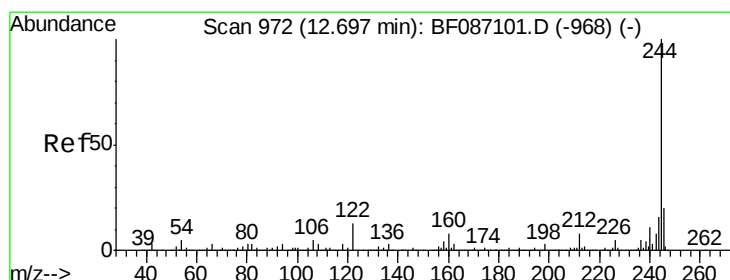
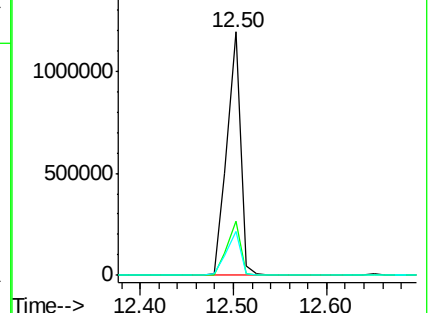
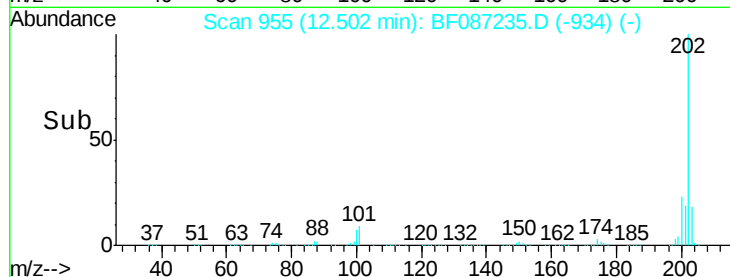
203 17.9 14.2 21.4



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: 90.27 ng

RT: 12.65 min Scan# 968

Delta R.T. -0.06 min

Lab File: BF087235.D

Acq: 20 May 2016 20:26

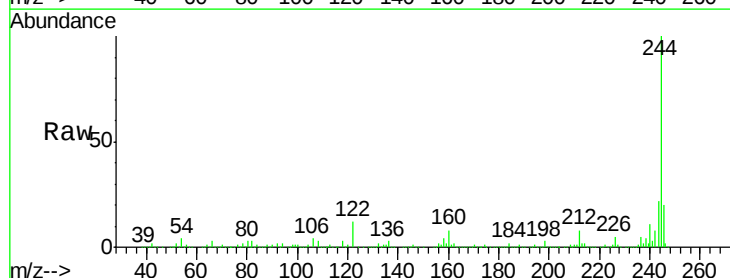
Tgt Ion:244 Resp: 1331677

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

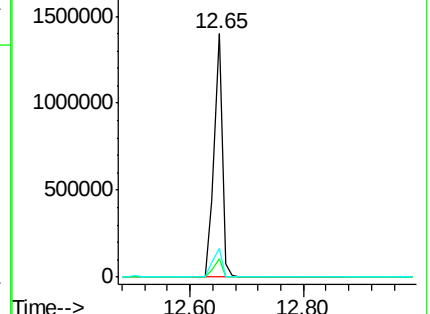
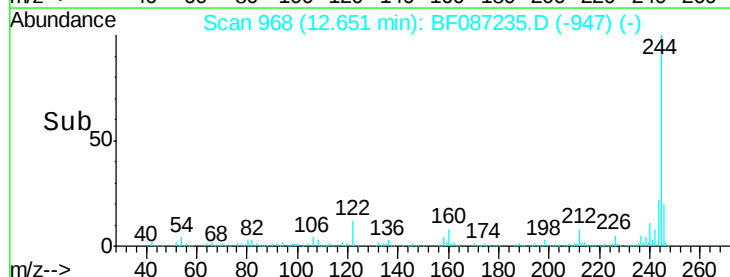
122 12.0 12.0 18.0#



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

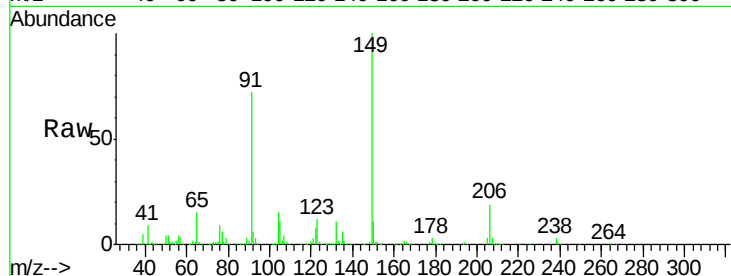




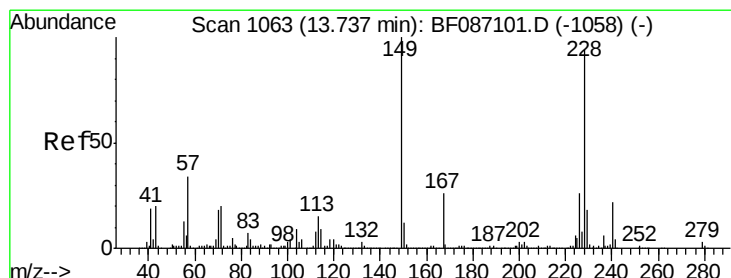
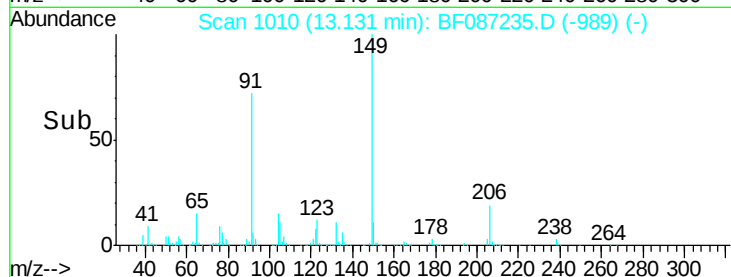
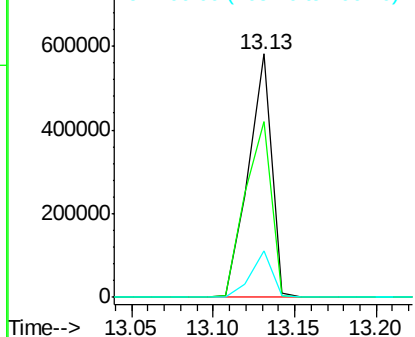
#79
Butylbenzylphthalate
Concen: 56.50 ng
RT: 13.13 min Scan# 1010
Delta R.T. -0.06 min
Lab File: BF087235.D
Acq: 20 May 2016 20:26

Instrument :
BNA_F
ClientSampleId :
PB90764BSD

Tgt Ion	Ratio	Lower	Upper
149	100		
91	72.1	48.0	72.0#
206	19.1	15.8	23.6

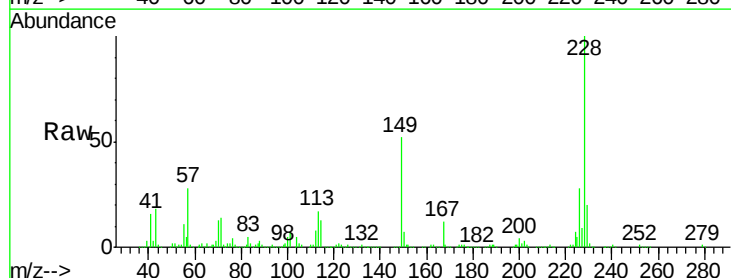


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

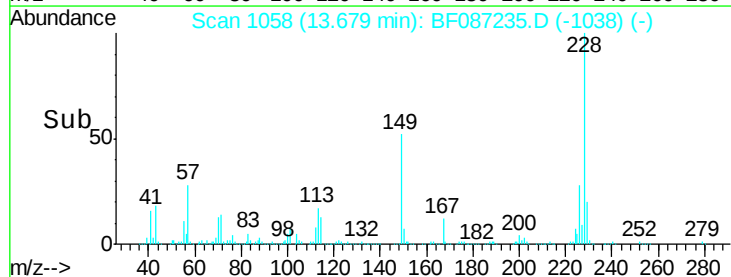
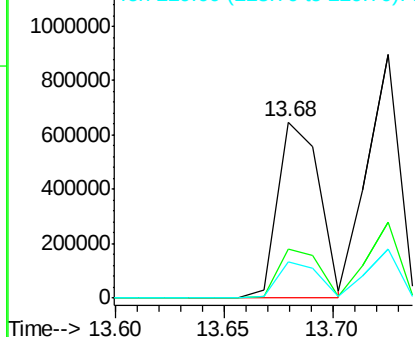


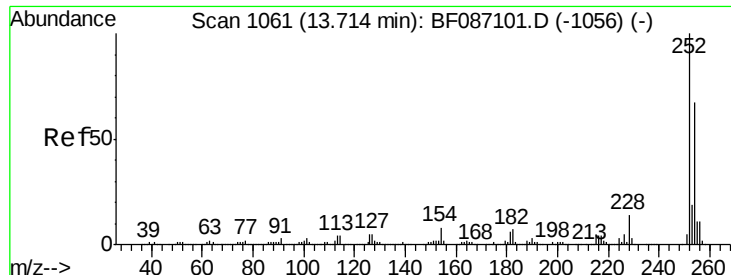
#80
Benzo(a)anthracene
Concen: 44.86 ng
RT: 13.68 min Scan# 1058
Delta R.T. -0.07 min
Lab File: BF087235.D
Acq: 20 May 2016 20:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.5	33.7
229	20.5	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

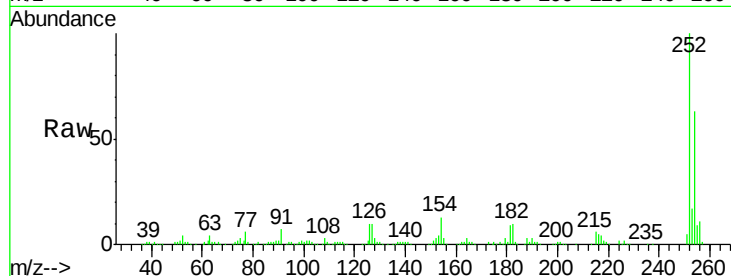




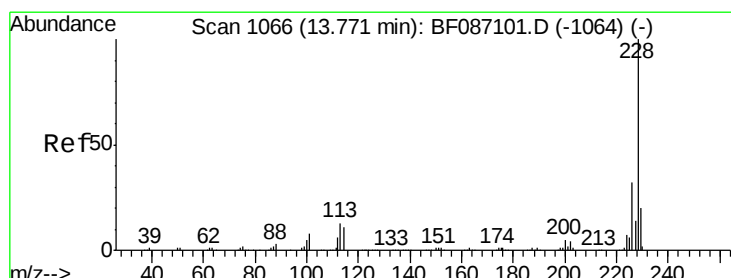
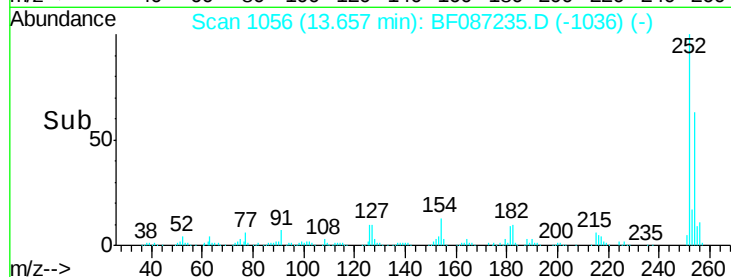
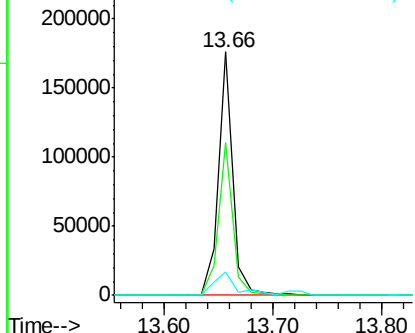
#81
 3,3'-Dichlorobenzidine
 Concen: 13.39 ng
 RT: 13.66 min Scan# 1056
 Delta R.T. -0.07 min
 Lab File: BF087235.D
 Acq: 20 May 2016 20:26

Instrument :
 BNA_F
 ClientSampleId :
 PB90764BSD

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.6	50.7	76.1
126	9.6	12.7	19.1#

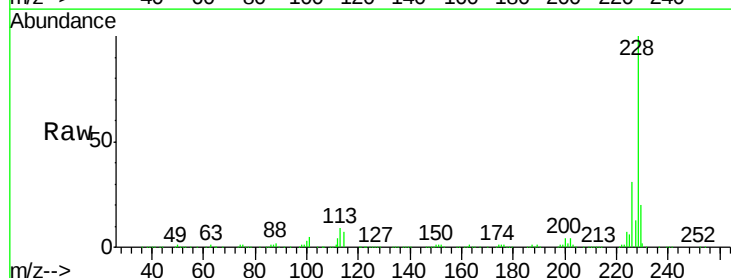


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

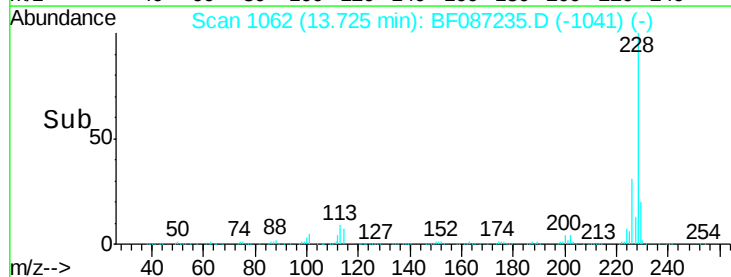
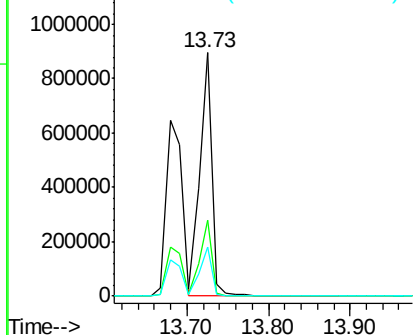


#82
 Chrysene
 Concen: 50.11 ng
 RT: 13.73 min Scan# 1062
 Delta R.T. -0.06 min
 Lab File: BF087235.D
 Acq: 20 May 2016 20:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.4	36.6
229	20.1	15.8	23.8



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

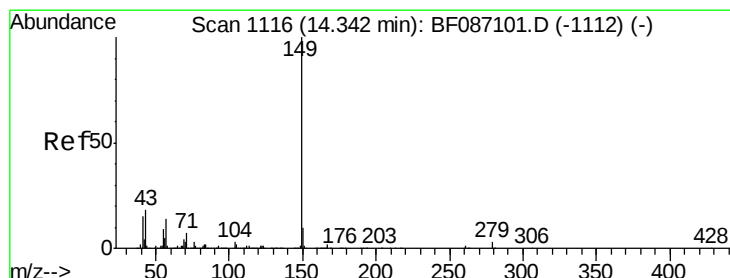
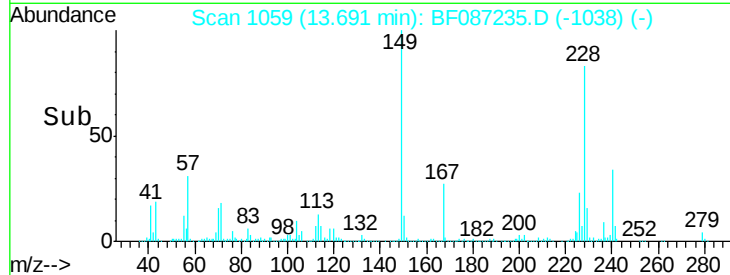
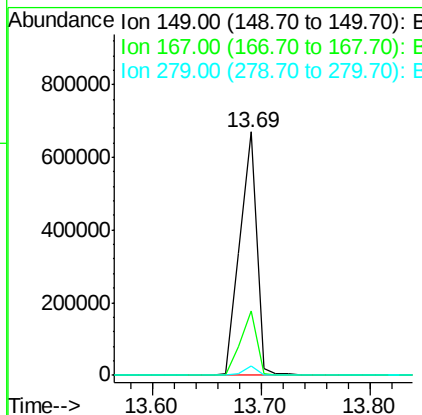
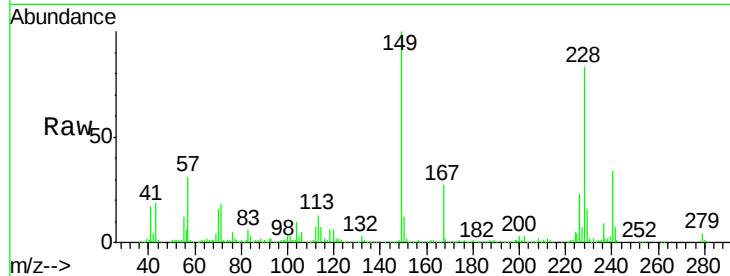




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 57.39 ng
 RT: 13.69 min Scan# 1059
 Delta R.T. -0.06 min
 Lab File: BF087235.D
 Acq: 20 May 2016 20:26

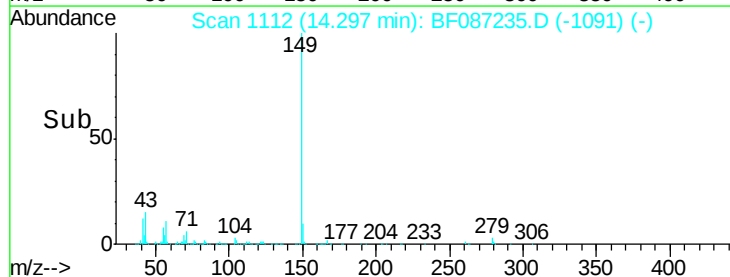
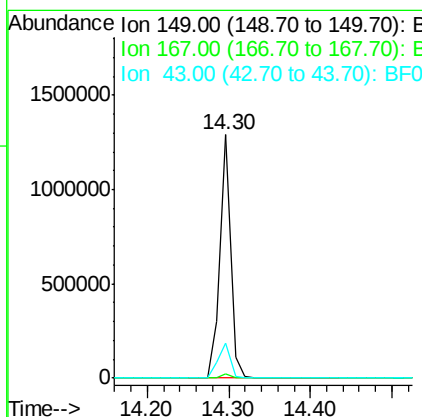
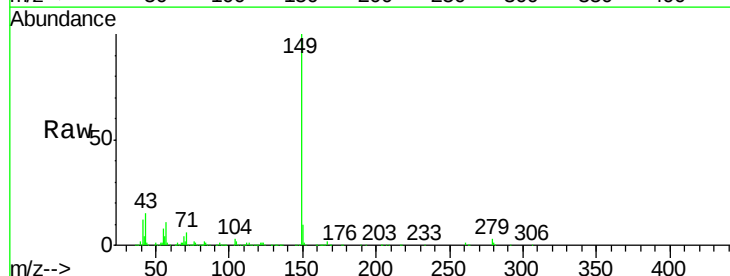
Instrument :
 BNA_F
 ClientSampleId :
 PB90764BSD

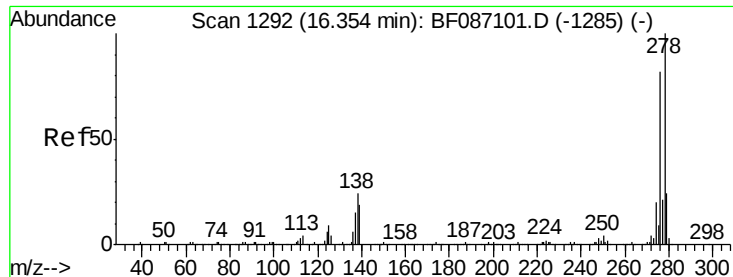
Tgt Ion:149 Resp: 710826
 Ion Ratio Lower Upper
 149 100
 167 26.6 21.8 32.6
 279 3.8 2.6 4.0



#84
 Di-n-octyl phthalate
 Concen: 55.12 ng
 RT: 14.30 min Scan# 1112
 Delta R.T. -0.06 min
 Lab File: BF087235.D
 Acq: 20 May 2016 20:26

Tgt Ion:149 Resp: 1176063
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 16.4 8.2 12.4#

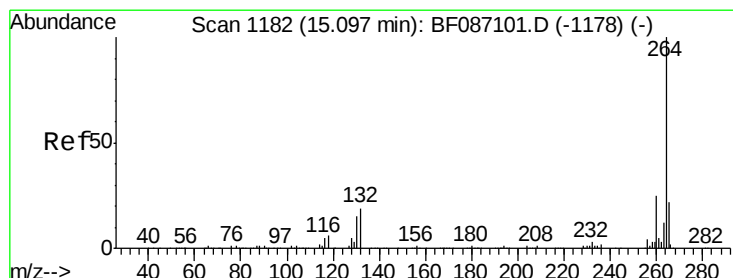
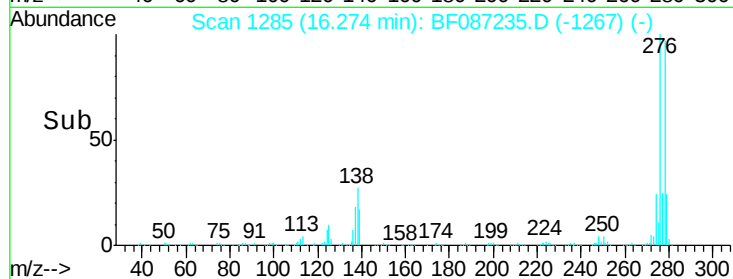
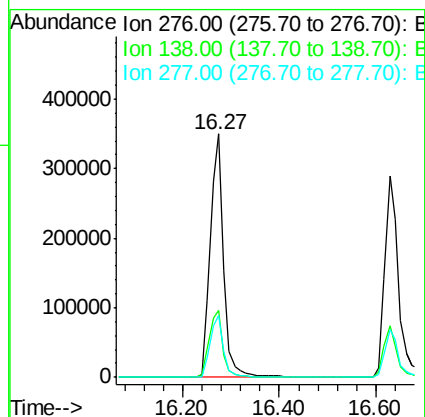
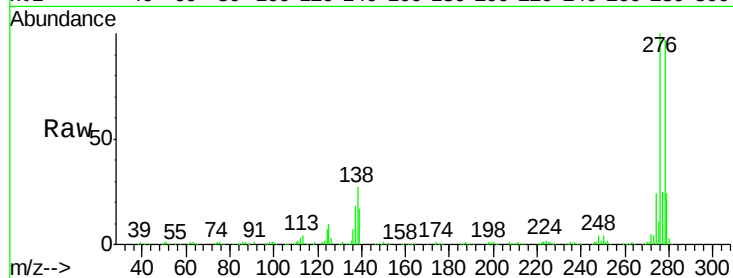




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.60 ng
 RT: 16.27 min Scan# 1285
 Delta R.T. -0.09 min
 Lab File: BF087235.D
 Acq: 20 May 2016 20:26

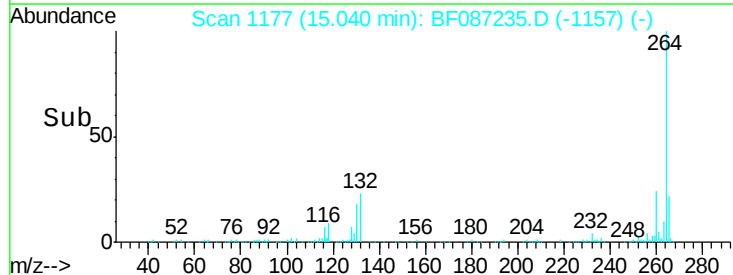
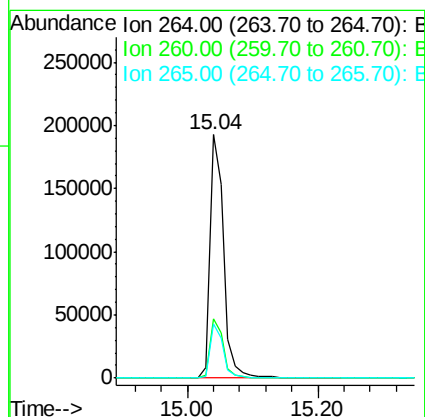
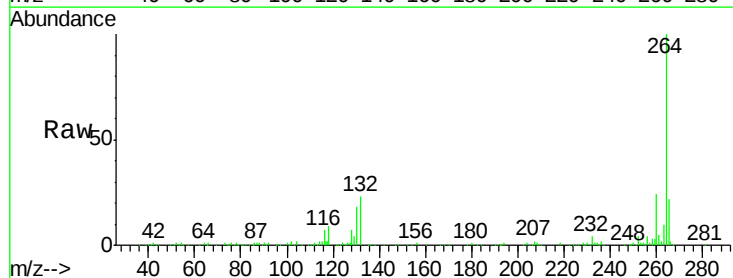
Instrument :
 BNA_F
 ClientSampleId :
 PB90764BSD

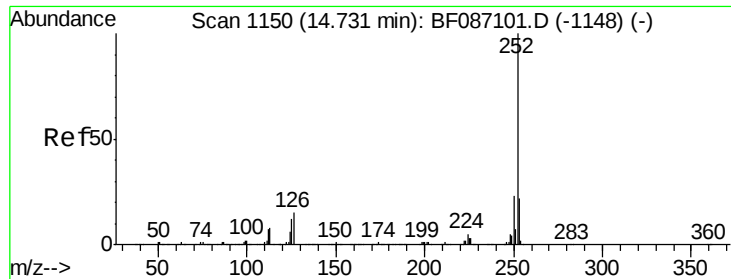
Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.1	25.6	38.4
277	25.3	20.5	30.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.04 min Scan# 1177
 Delta R.T. -0.07 min
 Lab File: BF087235.D
 Acq: 20 May 2016 20:26

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	22.4	17.3	25.9

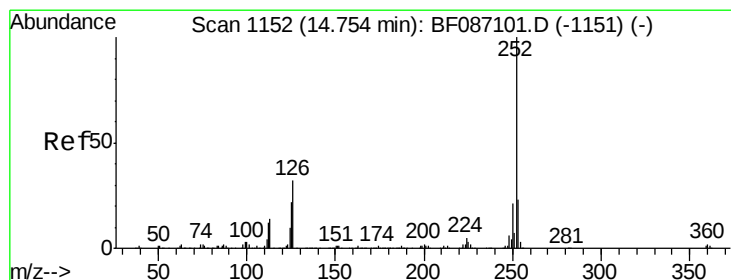
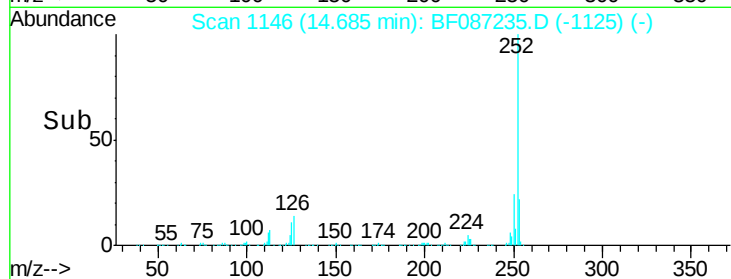
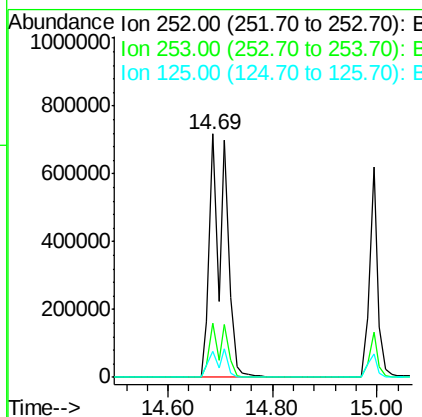
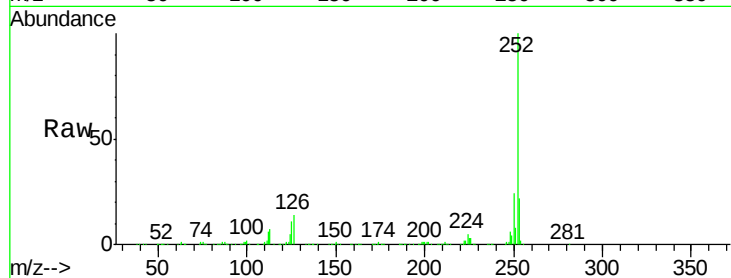




#87
Benzo(b)fluoranthene
Concen: 78.15 ng
RT: 14.69 min Scan# 1146
Delta R.T. -0.06 min
Lab File: BF087235.D
Acq: 20 May 2016 20:26

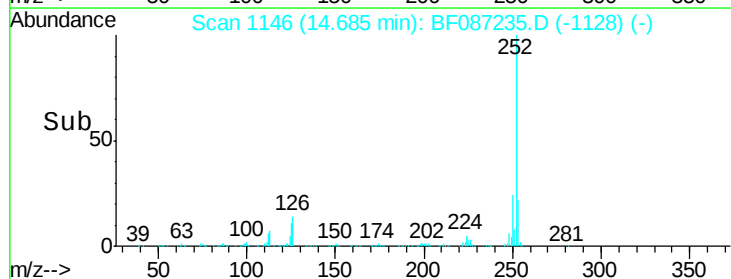
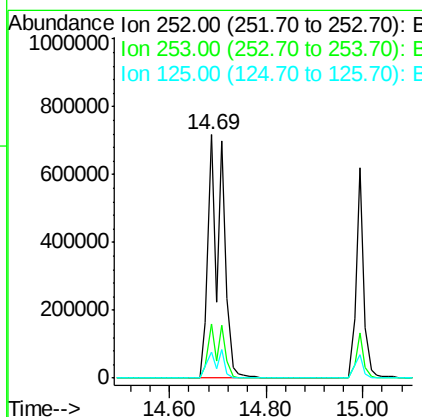
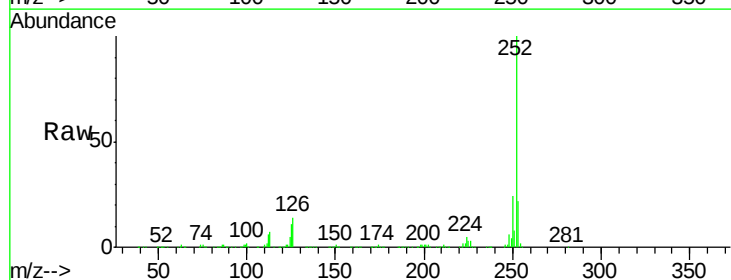
Instrument :
BNA_F
ClientSampleId :
PB90764BSD

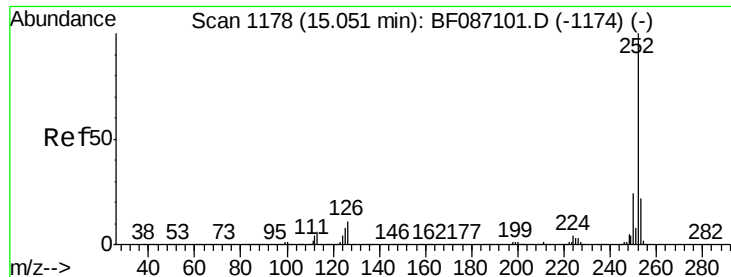
Tgt Ion:252 Resp: 1452918
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 10.5 11.4 17.0#



#88
Benzo(k)fluoranthene
Concen: 105.03 ng
RT: 14.69 min Scan# 1146
Delta R.T. -0.09 min
Lab File: BF087235.D
Acq: 20 May 2016 20:26

Tgt Ion:252 Resp: 1453754
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 10.5 9.1 13.7

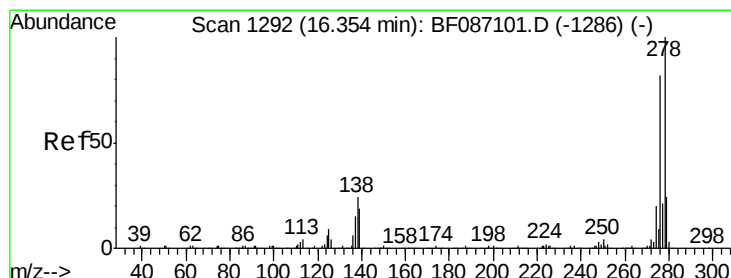
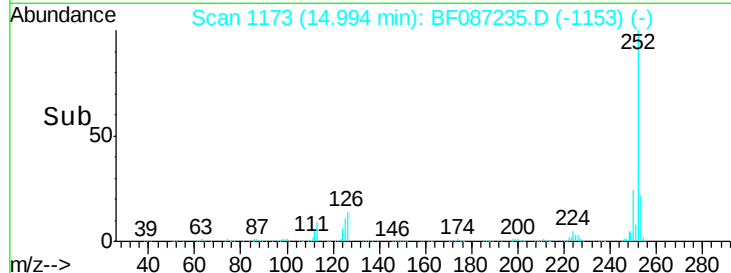
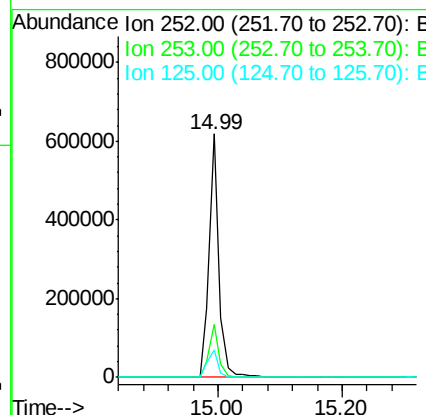
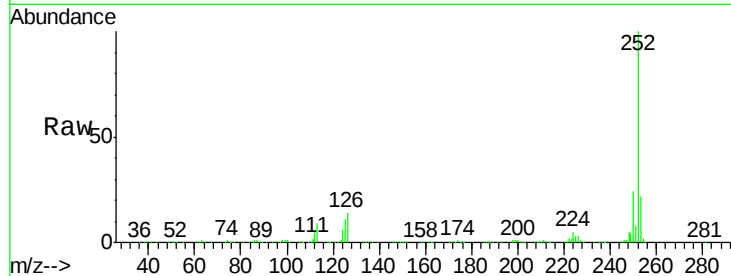




#89
Benzo(a)pyrene
Concen: 43.82 ng
RT: 14.99 min Scan# 1173
Delta R.T. -0.07 min
Lab File: BF087235.D
Acq: 20 May 2016 20:26

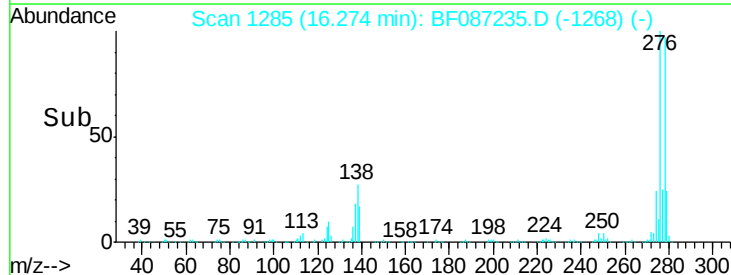
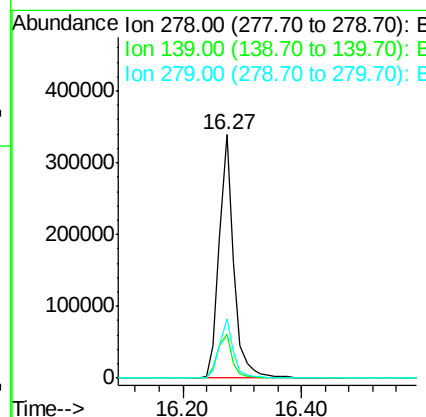
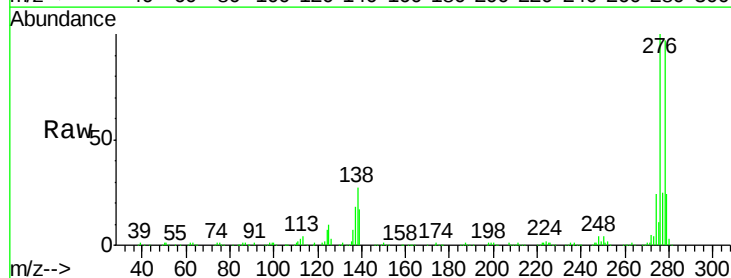
Instrument :
BNA_F
ClientSampleId :
PB90764BSD

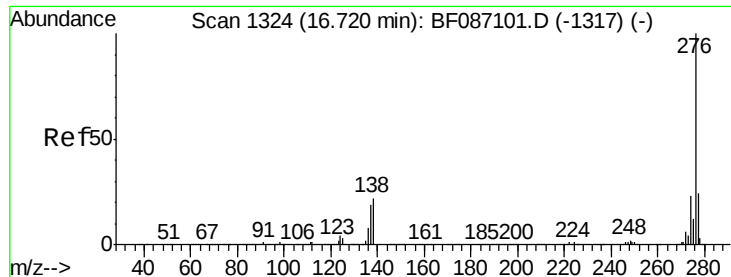
Tgt Ion:252 Resp: 681021
Ion Ratio Lower Upper
252 100
253 21.8 17.2 25.8
125 11.1 9.0 13.6



#90
Dibenzo(a,h)anthracene
Concen: 44.14 ng
RT: 16.27 min Scan# 1285
Delta R.T. -0.10 min
Lab File: BF087235.D
Acq: 20 May 2016 20:26

Tgt Ion:278 Resp: 577486
Ion Ratio Lower Upper
278 100
139 17.9 16.6 24.8
279 24.4 19.6 29.4





#91

Benzo(g,h,i)perylene

Concen: 43.76 ng

RT: 16.63 min Scan# 1316

Delta R.T. -0.11 min

Lab File: BF087235.D

Acq: 20 May 2016 20:26

Instrument :

BNA_F

ClientSampleId :

PB90764BSD

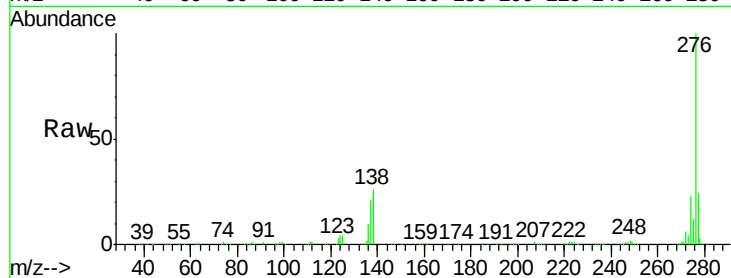
Tgt Ion: 276 Resp: 578310

Ion Ratio Lower Upper

276 100

277 23.5 19.6 29.4

138 25.6 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

