

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071715\
 Data File : BF080545.D
 Acq On : 17 Jul 2015 20:55
 Operator : TP/UM
 Sample : PB84565BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84565BS

Quant Time: Jul 18 01:01:16 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 18 00:40:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.07	152	37941	20.00	ng	0.00
21) Naphthalene-d8	8.35	136	169496	20.00	ng	0.00
38) Acenaphthene-d10	10.11	164	85467	20.00	ng	0.00
63) Phenanthrene-d10	11.60	188	166798	20.00	ng	0.00
75) Chrysene-d12	14.43	240	160267	20.00	ng	0.08
86) Perylene-d12	16.16	264	152652	20.00	ng	0.15

System Monitoring Compounds

5) 2-Fluorophenol	5.69	112	302899	124.47	ng	0.00
7) Phenol-d6	6.70	99	357632	129.14	ng	0.00
23) Nitrobenzene-d5	7.63	82	221447	83.30	ng	0.00
41) 2,4,6-Tribromophenol	10.90	330	100345	131.20	ng	0.00
44) 2-Fluorobiphenyl	9.42	172	481999	79.21	ng	0.00
78) Terphenyl-d14	13.23	244	493199	68.72	ng	0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.75	88	38439	37.76	ng	92
3) Pyridine	3.74	79	64254	35.93	ng	96
4) n-Nitrosodimethylamine	3.55	42	60717	45.25	ng	99
6) Aniline	6.74	93	121457	33.28	ng	95
8) 2-Chlorophenol	6.85	128	109117	42.97	ng	96
9) Benzaldehyde	6.62	77	35680	22.81	ng	96
10) Phenol	6.73	94	130224	40.66	ng	92
11) bis(2-Chloroethyl)ether	6.80	93	101328	41.86	ng	97
12) 1,3-Dichlorobenzene	7.00	146	117820	41.09	ng	99
13) 1,4-Dichlorobenzene	7.08	146	127722	40.58	ng	99
14) 1,2-Dichlorobenzene	7.24	146	112985	39.04	ng	97
15) Benzyl Alcohol	7.22	79	72346	40.92	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.33	45	166606	40.45	ng	97
17) 2-Methylphenol	7.33	107	81334	42.00	ng	98
18) Hexachloroethane	7.58	117	37394	37.07	ng	98
19) n-Nitroso-di-n-propylamine	7.47	70	64493	40.83	ng	100
20) 3+4-Methylphenols	7.48	107	120986	43.27	ng	99
22) Acetophenone	7.47	105	137439	37.78	ng	99
24) Nitrobenzene	7.65	77	101812	33.89	ng	98
25) Isophorone	7.88	82	195534	38.53	ng	99
26) 2-Nitrophenol	7.97	139	52422	35.56	ng	97
27) 2,4-Dimethylphenol	8.01	122	106857	42.33	ng	96
28) bis(2-Chloroethoxy)methane	8.10	93	109861	39.10	ng	99
29) 2,4-Dichlorophenol	8.21	162	90183	42.19	ng	99
30) 1,2,4-Trichlorobenzene	8.29	180	102459	37.49	ng	98
31) Naphthalene	8.37	128	327695	39.06	ng	99
32) Benzoic acid	8.10	122	47171	42.14	ng	97
33) 4-Chloroaniline	8.43	127	98414	29.44	ng	97
34) Hexachlorobutadiene	8.49	225	48555	38.10	ng	100
35) Caprolactam	8.77	113	22561	44.18	ng	# 61
36) 4-Chloro-3-methylphenol	8.91	107	100518	45.64	ng	99
37) 2-Methylnaphthalene	9.06	142	209549	40.70	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.23	216	98166	36.32	ng	97
40) Hexachlorocyclopentadiene	9.22	237	104908	82.46	ng	99

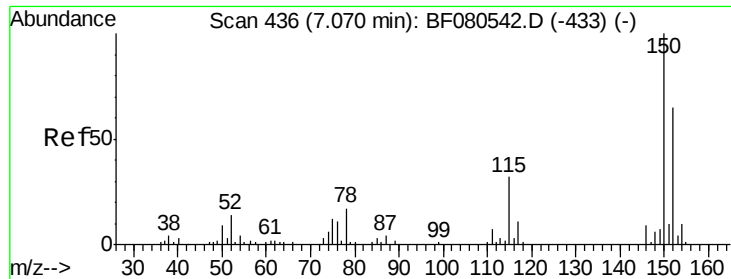
Data Path : Z:\HPCHEM1\BNA F\DATA\BF071715\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.34	196	65031	41.78	nq	99
43) 2,4,5-Trichlorophenol	9.39	196	72353	42.54	nq	96
45) 1,1'-Biphenyl	9.53	154	260901	36.82	nq	99
46) 2-Chloronaphthalene	9.55	162	199756	38.26	nq	100
47) 2-Nitroaniline	9.65	65	50983	40.36	nq	99
48) Acenaphthylene	9.97	152	336104	38.88	nq	99
49) Dimethylphthalate	9.82	163	244294	42.95	nq	99
50) 2,6-Dinitrotoluene	9.89	165	47345	42.53	nq	# 42
51) Acenaphthene	10.14	154	228720	43.29	nq	99
52) 3-Nitroaniline	10.08	138	45258	36.38	nq	# 66
53) 2,4-Dinitrophenol	10.17	184	56247	84.78	nq	# 82
54) Dibenzofuran	10.32	168	302584	41.14	nq	98
55) 4-Nitrophenol	10.24	139	91263	84.17	nq	90
56) 2,4-Dinitrotoluene	10.29	165	74996	44.05	nq	92
57) Fluorene	10.66	166	237470	40.74	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.44	232	53812	46.36	nq	# 94
59) Diethylphthalate	10.52	149	239019	44.52	nq	99
60) 4-Chlorophenyl-phenylether	10.65	204	105355	40.35	nq	93
61) 4-Nitroaniline	10.68	138	58193	42.65	nq	95
62) Azobenzene	10.81	77	234426	43.39	nq	# 78
64) 4,6-Dinitro-2-methylphenol	10.70	198	31525	41.86	nq	99
65) n-Nitrosodiphenylamine	10.76	169	218822	39.82	nq	99
66) 4-Bromophenyl-phenylether	11.14	248	58323	38.14	nq	96
67) Hexachlorobenzene	11.21	284	70519	38.03	nq	93
68) Atrazine	11.29	200	55243	42.48	nq	85
69) Pentachlorophenol	11.41	266	65673	70.12	nq	96
70) Phenanthrene	11.62	178	352527	38.79	nq	99
71) Anthracene	11.68	178	360169	40.80	nq	99
72) Carbazole	11.84	167	329213	41.63	nq	99
73) Di-n-butylphthalate	12.15	149	362095	43.94	nq	99
74) Fluoranthene	12.84	202	354122	41.68	nq	96
76) Benzidine	12.97	184	166818	38.90	nq	99
77) Pyrene	13.08	202	394101	38.10	nq	99
79) Butylbenzylphthalate	13.75	149	137740	41.08	nq	# 79
80) Benzo(a)anthracene	14.42	228	353831	39.67	nq	99
81) 3,3'-Dichlorobenzidine	14.39	252	85294	30.27	nq	100
82) Chrysene	14.47	228	340168	38.06	nq	99
83) Bis(2-ethylhexyl)phthalate	14.40	149	201233	40.77	nq	# 95
84) Di-n-octyl phthalate	15.15	149	313448	42.30	nq	99
85) Indeno(1,2,3-cd)pyrene	17.76	276	404111	43.89	nq	99
87) Benzo(b)fluoranthene	15.69	252	399707	42.24	nq	# 96
88) Benzo(k)fluoranthene	15.69	252	399707	48.79	nq	# 96
89) Benzo(a)pyrene	16.09	252	349138	43.30	nq	# 96
90) Dibenzo(a,h)anthracene	17.77	278	343410	43.25	nq	96
91) Benzo(g,h,i)perylene	18.24	276	354215	44.20	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.07 min Scan# 436

Delta R.T. -0.00 min

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PB84565BS

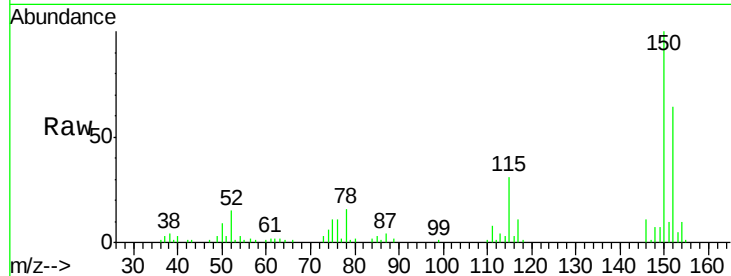
Tot Ion:152 Resp: 37941

Ion Ratio Lower Upper

152 100

150 156.0 123.0 184.4

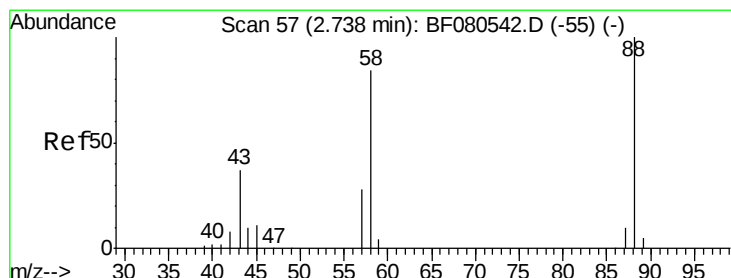
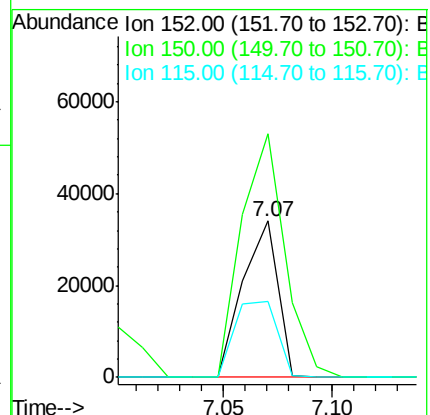
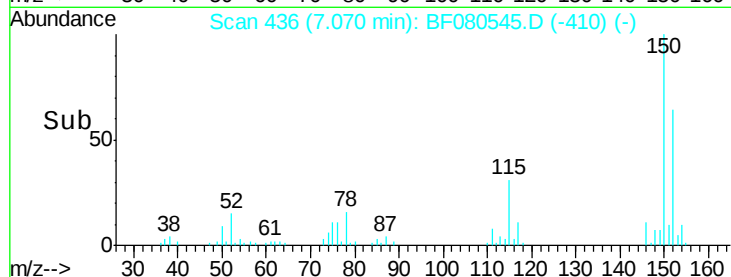
115 48.8 39.9 59.9



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: 37.76 ng

RT: 2.75 min Scan# 58

Delta R.T. 0.01 min

Lab File: BF080545.D

Acq: 17 Jul 2015 20:55

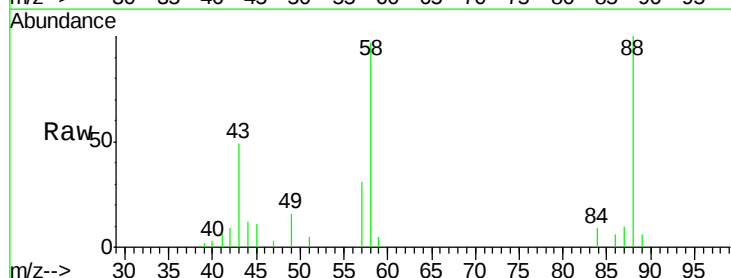
Tgt Ion: 88 Resp: 38439

Ion Ratio Lower Upper

88 100

58 86.8 63.4 95.0

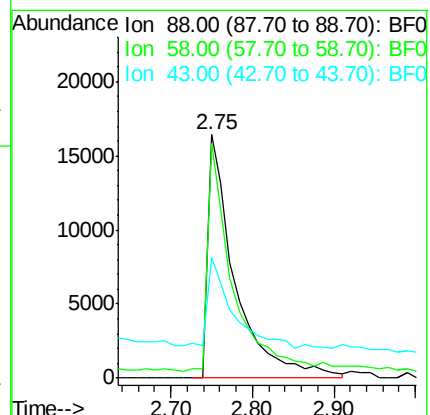
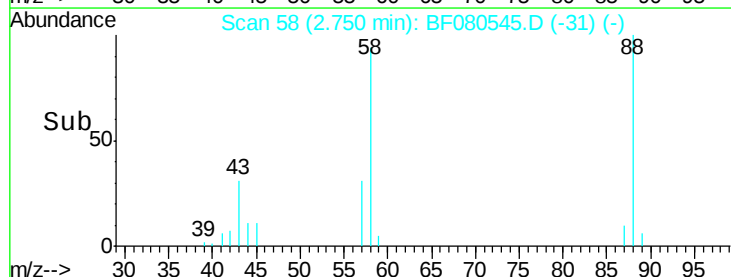
43 36.9 27.1 40.7

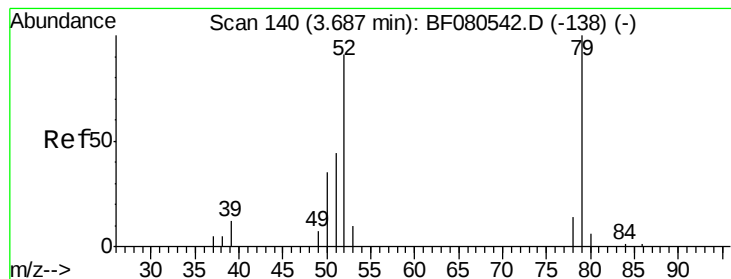


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 35.93 ng

RT: 3.74 min Scan# 145

Delta R.T. 0.06 min

Lab File: BF080545.D

Acq: 17 Jul 2015 20:55

Instrument :

BNA_F

ClientSampleId :

PB84565BS

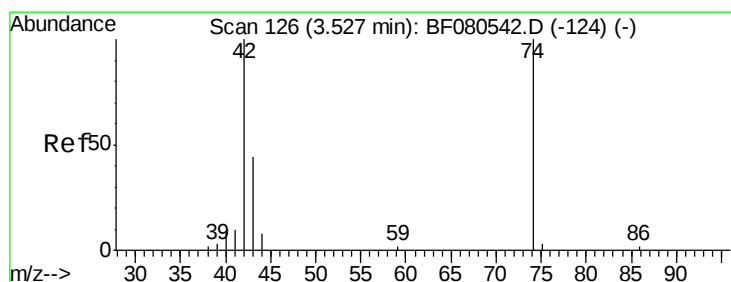
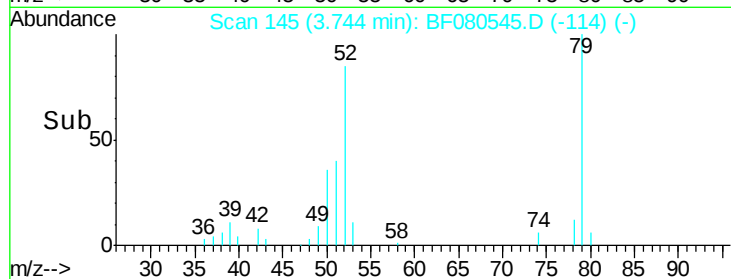
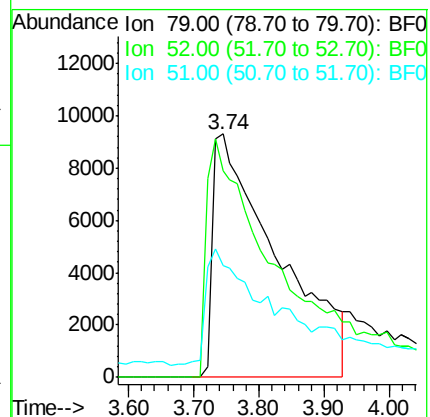
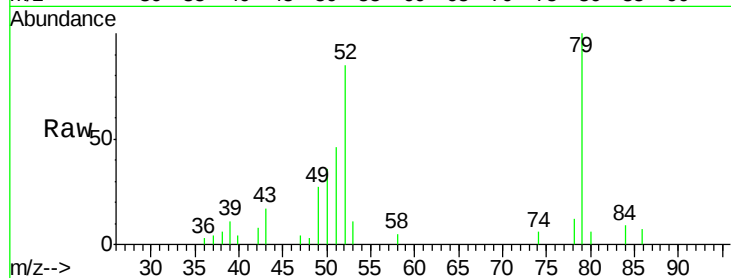
Tot Ion: 79 Resp: 64254

Ion Ratio Lower Upper

79 100

52 84.7 72.5 108.7

51 46.2 37.1 55.7



#4

n-Nitrosodimethylamine

Concen: 45.25 ng

RT: 3.55 min Scan# 128

Delta R.T. 0.02 min

Lab File: BF080545.D

Acq: 17 Jul 2015 20:55

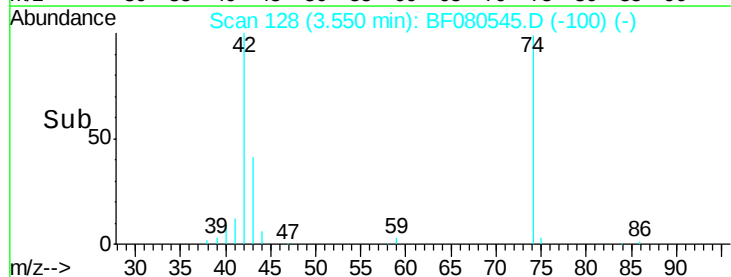
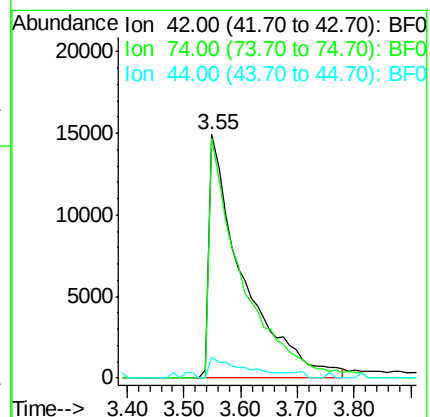
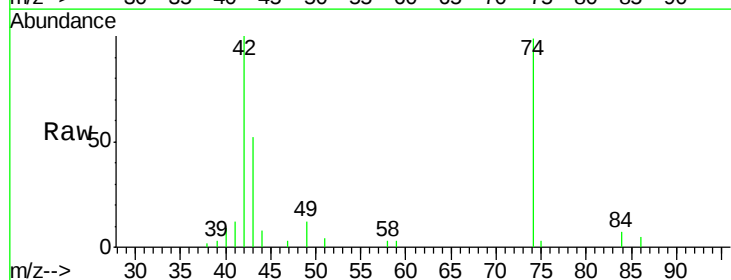
Tgt Ion: 42 Resp: 60717

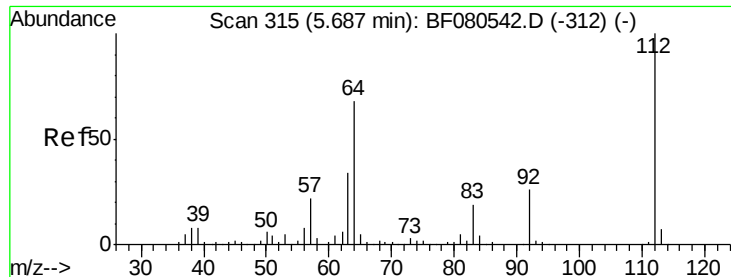
Ion Ratio Lower Upper

42 100

74 98.5 79.9 119.9

44 8.5 6.6 9.8





#5

2-Fluorophenol

Concen: 124.47 ng

RT: 5.69 min Scan# 315

Delta R.T. 0.00 min

Lab File: BF080545.D

Acq: 17 Jul 2015 20:55

Instrument :

BNA_F

ClientSampleId :

PB84565BS

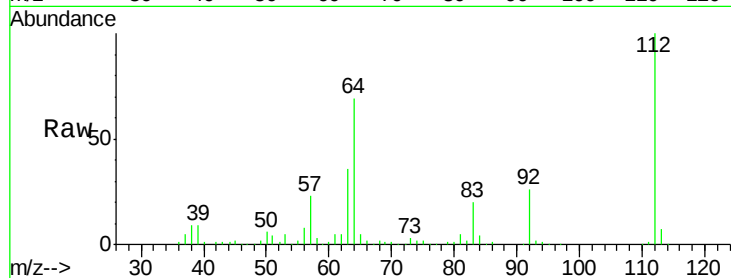
Tot Ion:112 Resp: 302899

Ion Ratio Lower Upper

112 100

64 69.4 54.1 81.1

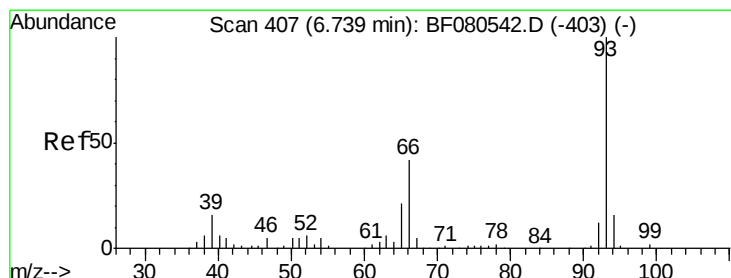
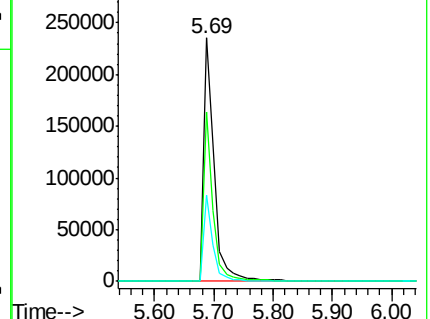
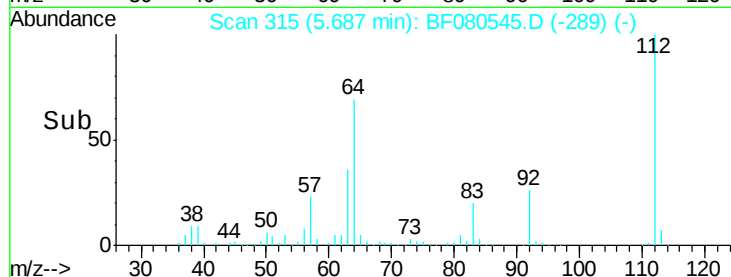
63 35.6 27.6 41.4



Abundance Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 33.28 ng

RT: 6.74 min Scan# 407

Delta R.T. -0.00 min

Lab File: BF080545.D

Acq: 17 Jul 2015 20:55

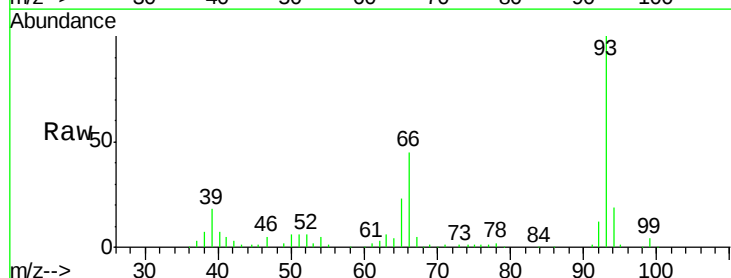
Tgt Ion: 93 Resp: 121457

Ion Ratio Lower Upper

93 100

66 45.1 33.3 49.9

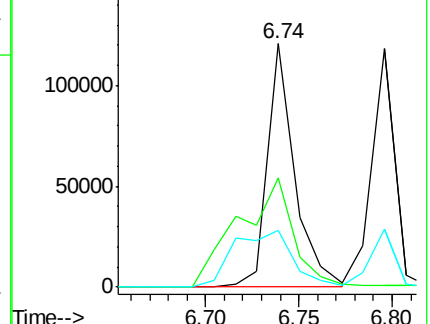
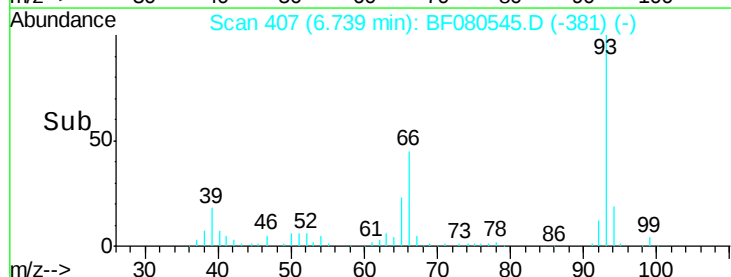
65 23.4 16.9 25.3

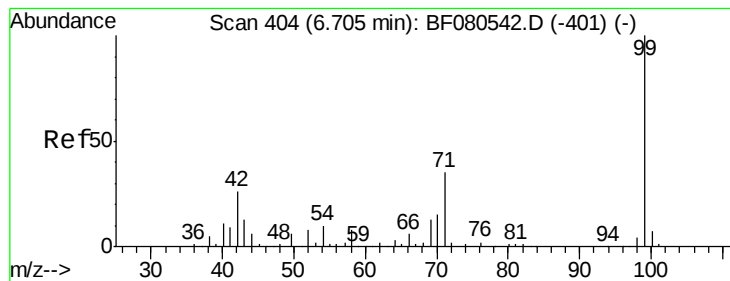


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 129.14 ng

RT: 6.70 min Scan# 404

Delta R.T. -0.00 min

Lab File: BF080545.D

Acq: 17 Jul 2015 20:55

Instrument :

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ClientSampleId :

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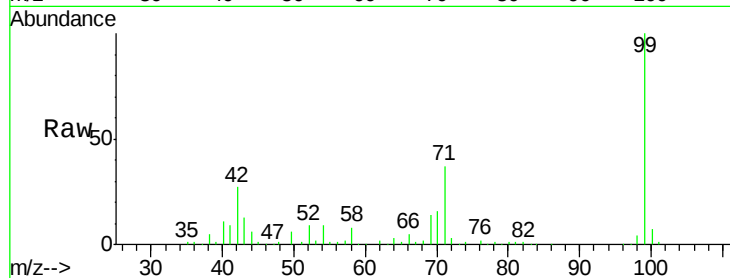
Tot Ion: 99 Resp: 357632

Ion Ratio Lower Upper

99 100

42 26.8 21.0 31.4

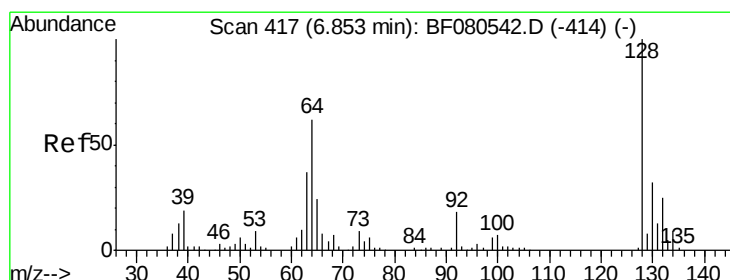
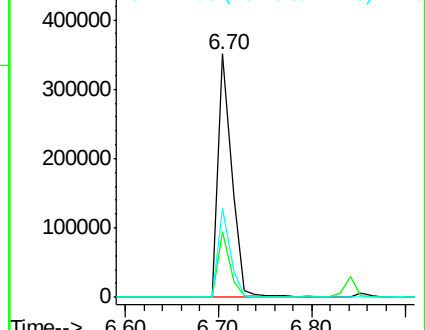
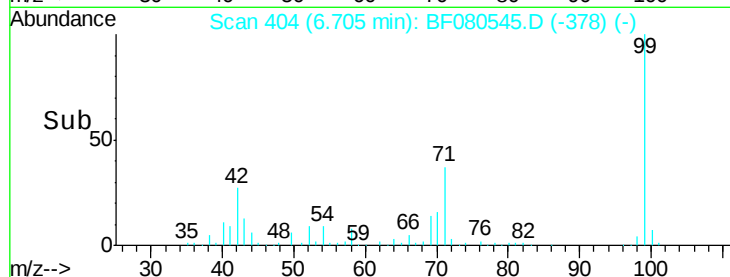
71 36.6 28.4 42.6



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: 42.97 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.00 min

Lab File: BF080545.D

Acq: 17 Jul 2015 20:55

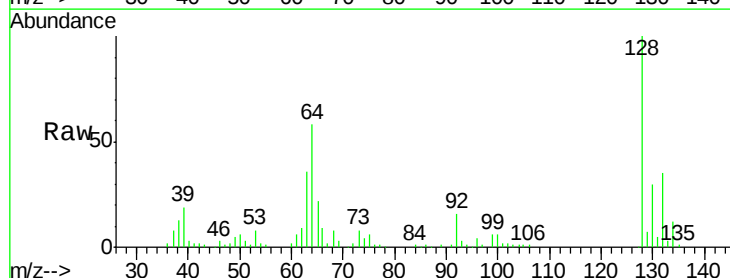
Tgt Ion: 128 Resp: 109117

Ion Ratio Lower Upper

128 100

130 30.4 11.7 51.7

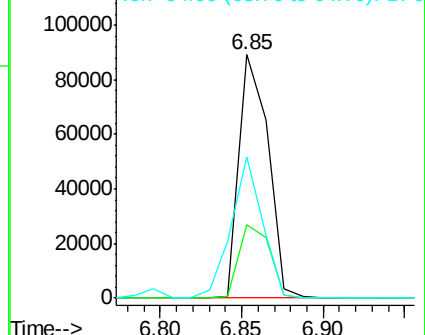
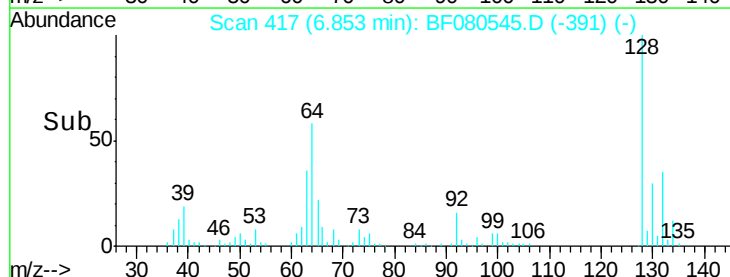
64 57.8 41.6 81.6

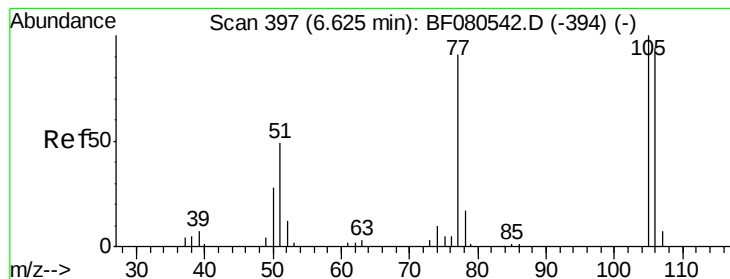


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 22.81 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.00 min

Lab File: BF080545.D

Acq: 17 Jul 2015 20:55

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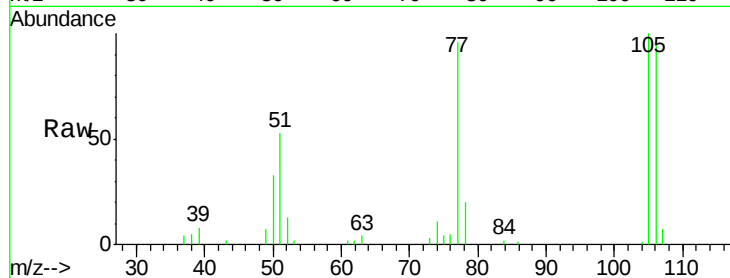
Tot Ion: 77 Resp: 35680

Ion Ratio Lower Upper

77 100

105 104.3 90.0 130.0

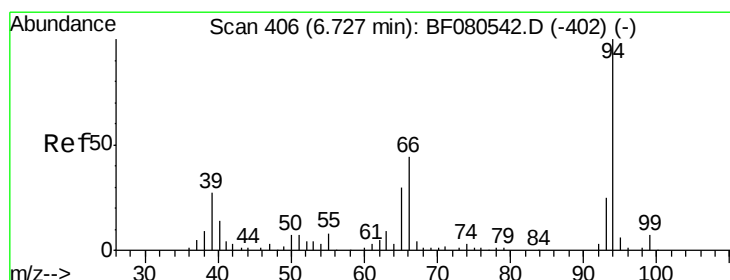
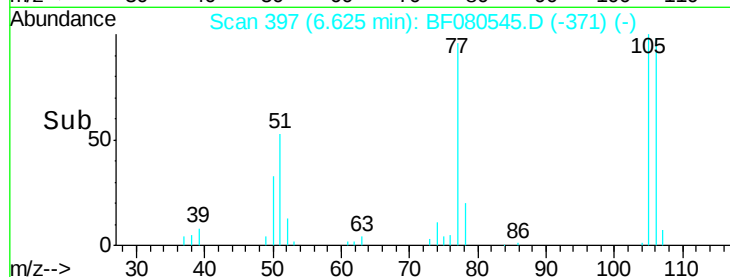
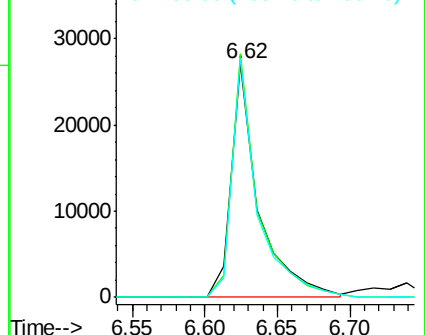
106 101.9 83.5 123.5



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: 40.66 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.00 min

Lab File: BF080545.D

Acq: 17 Jul 2015 20:55

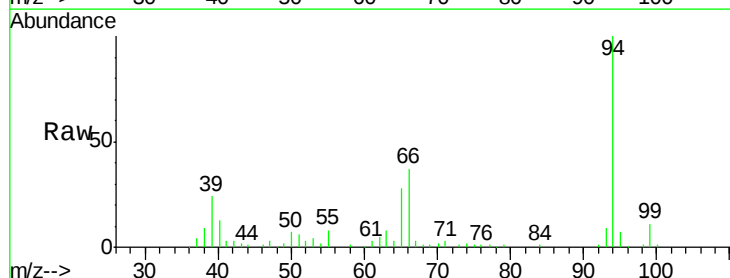
Tgt Ion: 94 Resp: 130224

Ion Ratio Lower Upper

94 100

65 27.8 10.4 50.4

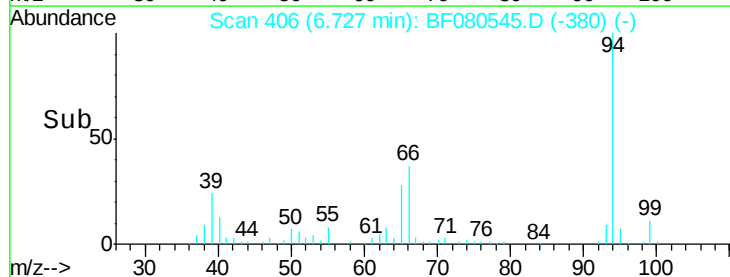
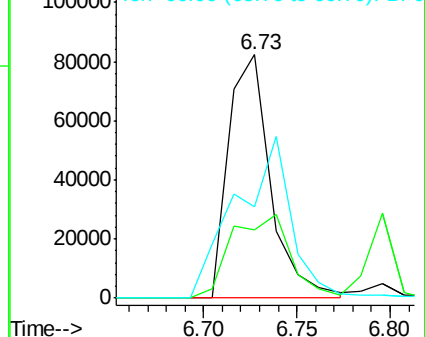
66 37.2 24.2 64.2

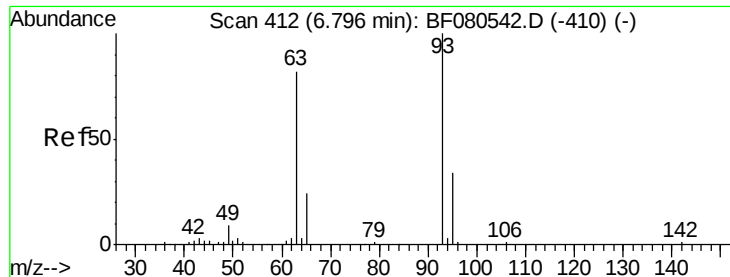


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 41.86 ng

RT: 6.80 min Scan# 412

Delta R.T. -0.00 min

Lab File: BF080545.D

Acq: 17 Jul 2015 20:55

Instrument :

BNA_F

ClientSampleId :

PB84565BS

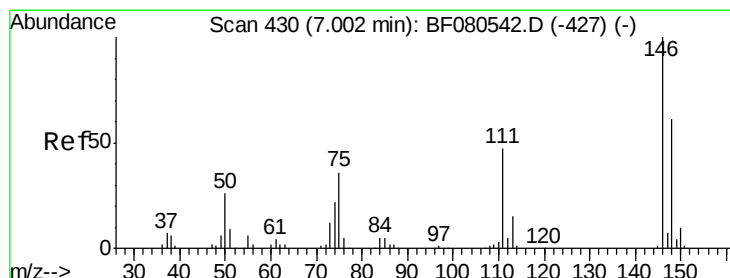
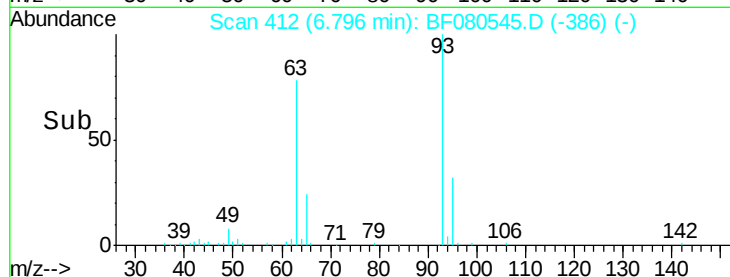
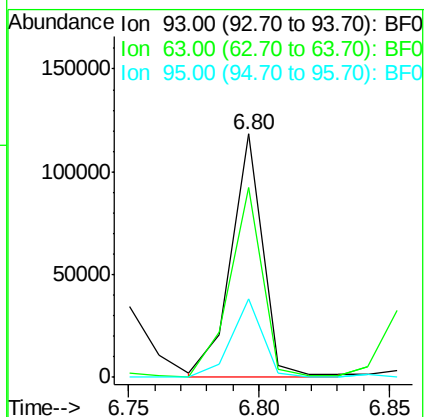
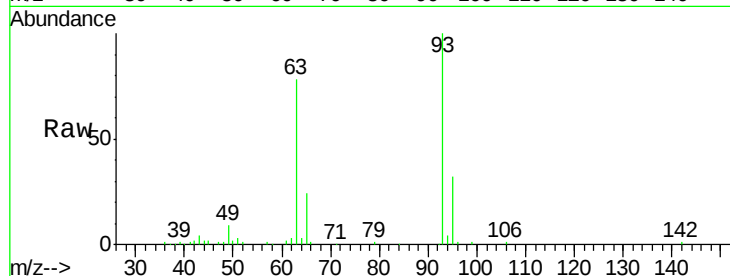
Tot Ion: 93 Resp: 101328

Ion Ratio Lower Upper

93 100

63 77.9 60.3 100.3

95 32.5 13.7 53.7



#12

1,3-Dichlorobenzene

Concen: 41.09 ng

RT: 7.00 min Scan# 430

Delta R.T. -0.00 min

Lab File: BF080545.D

Acq: 17 Jul 2015 20:55

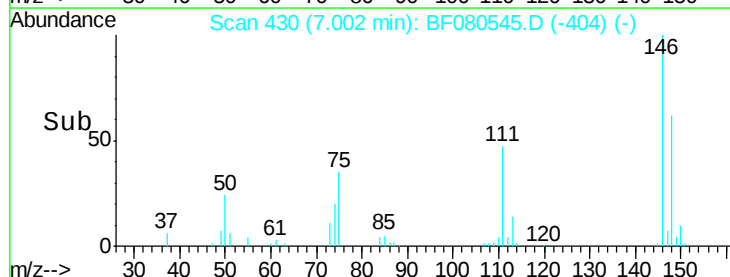
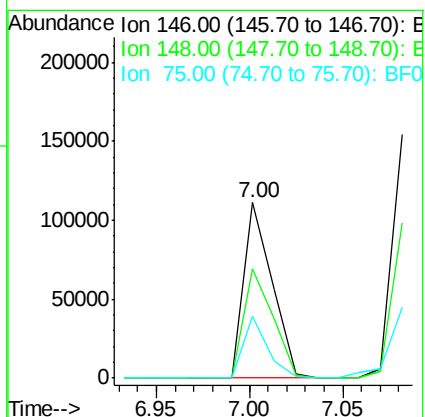
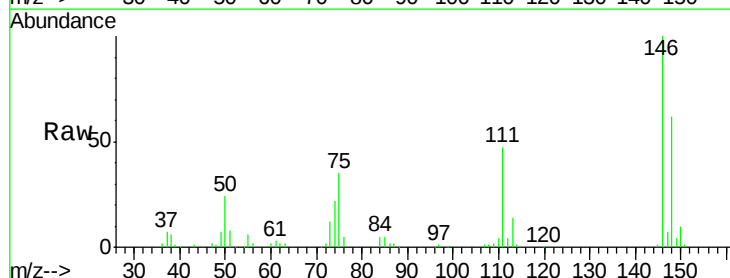
Tgt Ion: 146 Resp: 117820

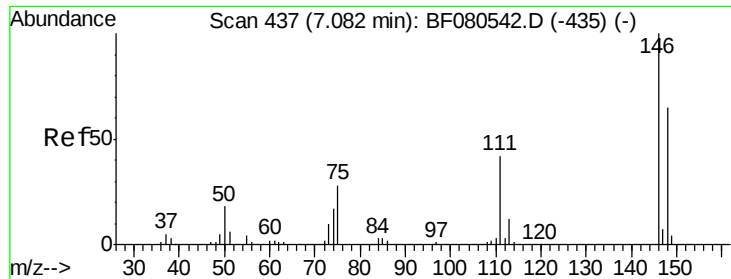
Ion Ratio Lower Upper

146 100

148 62.1 49.2 73.8

75 35.4 29.1 43.7

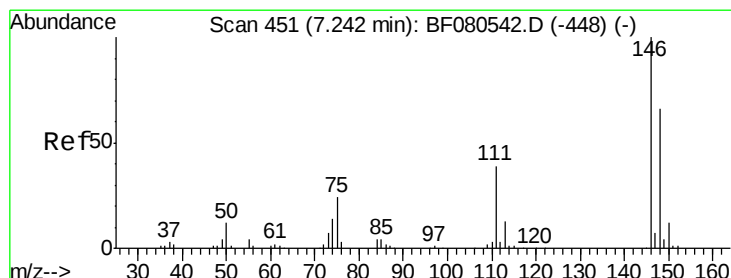
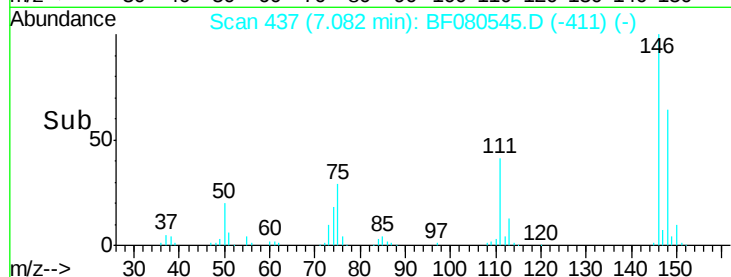
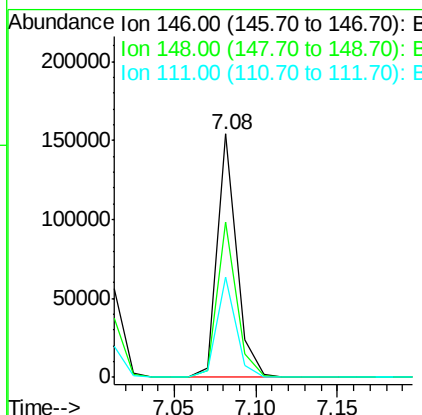
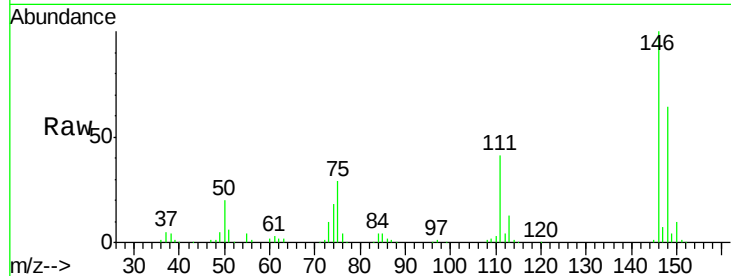




#13
 1,4-Dichlorobenzene
 Concen: 40.58 ng
 RT: 7.08 min Scan# 437
 Delta R.T. -0.00 min
 Lab File: BF080545.D
 Acq: 17 Jul 2015 20:55

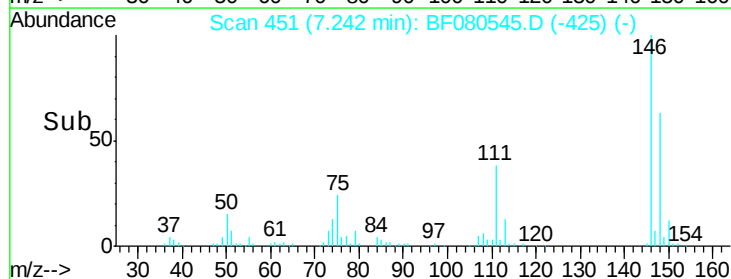
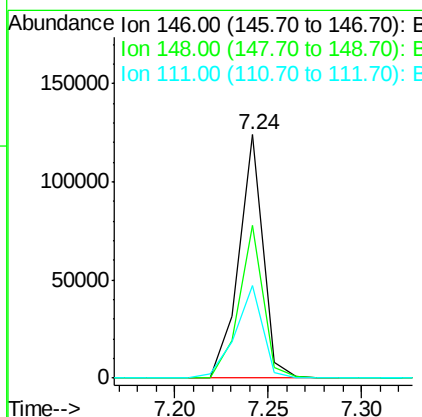
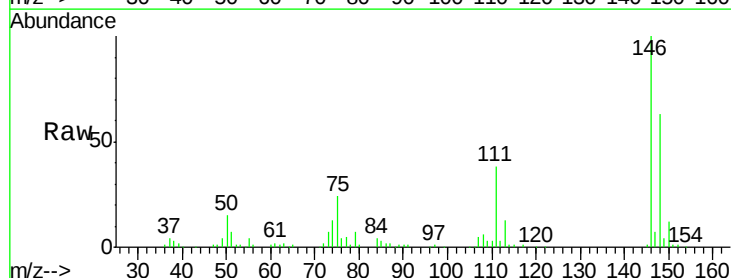
Instrument :
 BNA_F
 ClientSampleId :
 PB84565BS

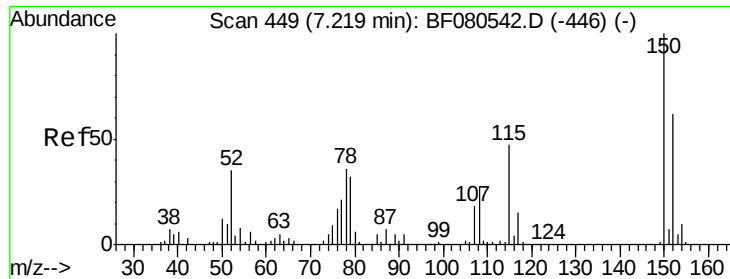
Tot Ion:146 Resp: 127722
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.9 77.9
 111 41.1 33.4 50.2



#14
 1,2-Dichlorobenzene
 Concen: 39.04 ng
 RT: 7.24 min Scan# 451
 Delta R.T. -0.00 min
 Lab File: BF080545.D
 Acq: 17 Jul 2015 20:55

Tgt Ion:146 Resp: 112985
 Ion Ratio Lower Upper
 146 100
 148 62.5 52.5 78.7
 111 37.8 31.5 47.3





#15

Benzyl Alcohol

Concen: 40.92 ng

RT: 7.22 min Scan# 449

Delta R.T. 0.00 min

Lab File: BF080545.D

Acq: 17 Jul 2015 20:55

Instrument :

BNA_F

ClientSampleID :

PB84565BS

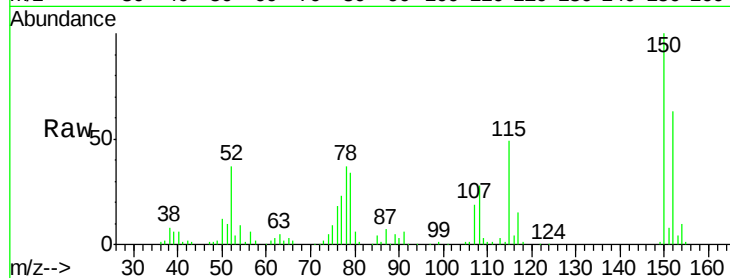
Tot Ion: 79 Resp: 72346

Ion Ratio Lower Upper

79 100

108 83.3 67.8 101.6

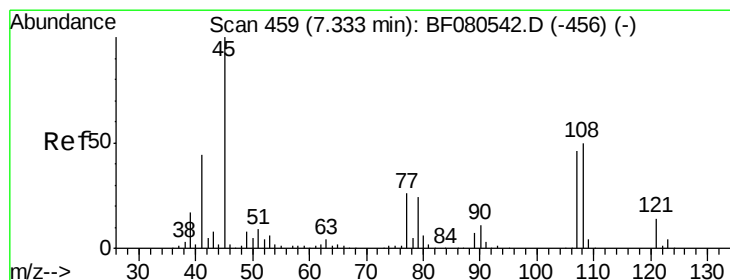
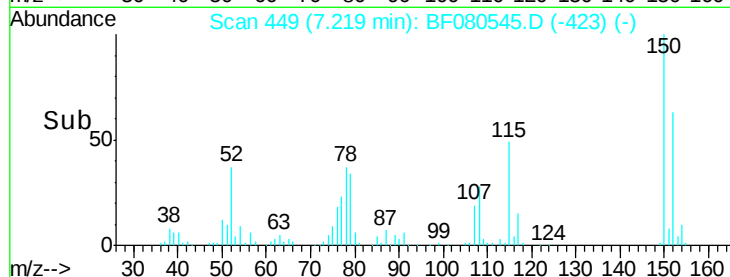
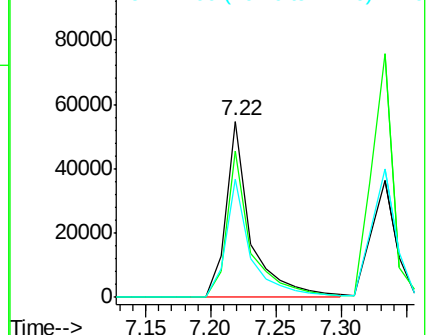
77 67.3 52.9 79.3



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: 40.45 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.00 min

Lab File: BF080545.D

Acq: 17 Jul 2015 20:55

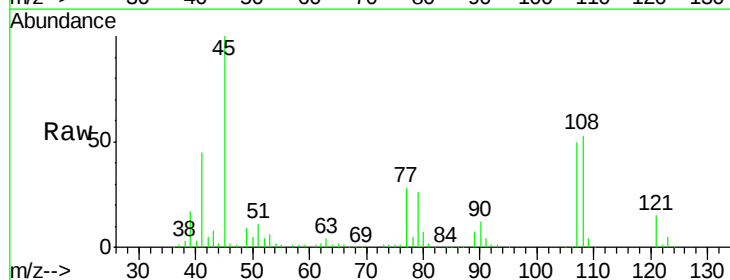
Tgt Ion: 45 Resp: 166606

Ion Ratio Lower Upper

45 100

77 28.3 6.6 46.6

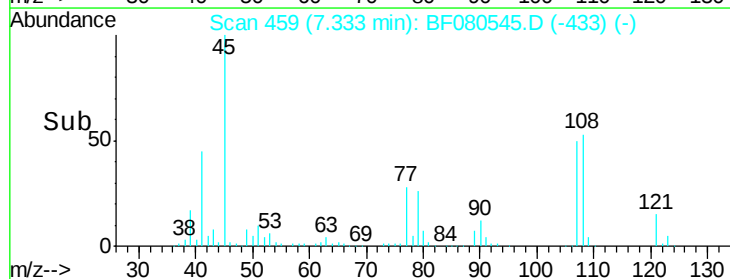
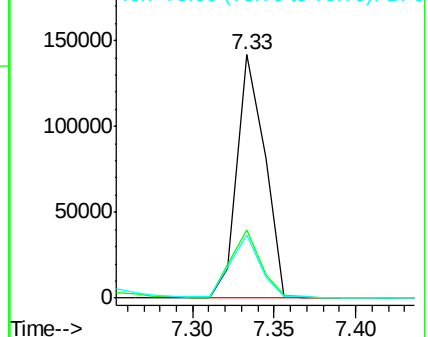
79 25.8 4.0 44.0

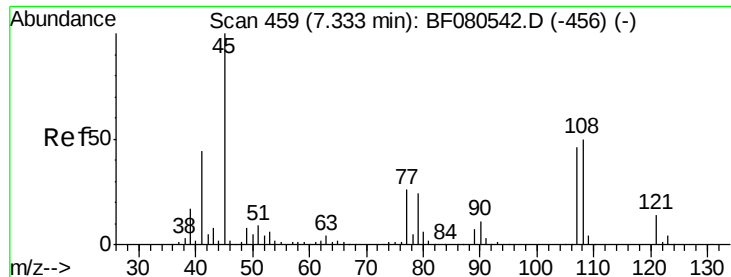


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 42.00 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.00 min

Lab File: BF080545.D

Acq: 17 Jul 2015 20:55

Instrument :

BNA_F

ClientSampleId :

PB84565BS

Tot Ion:107 Resp: 81334

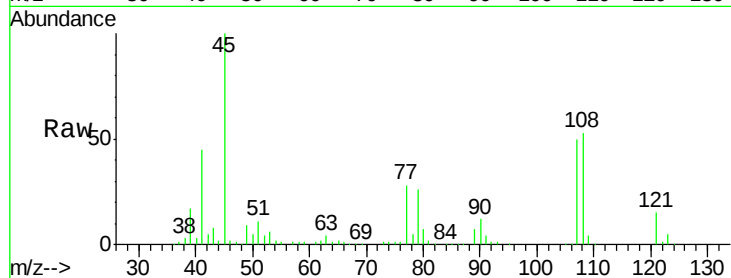
Ion Ratio Lower Upper

107 100

108 106.4 86.8 130.2

77 56.4 46.2 69.4

79 51.3 41.8 62.6

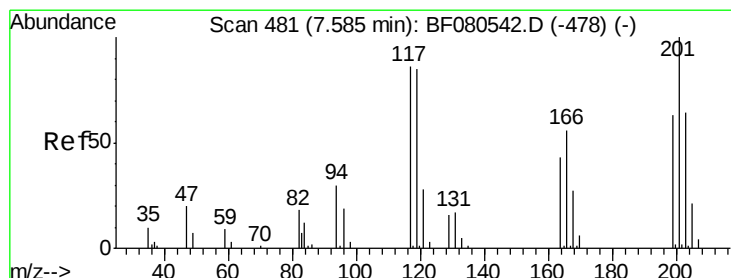
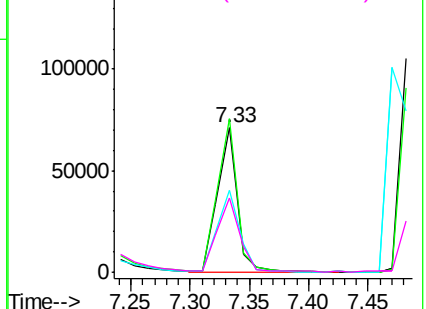
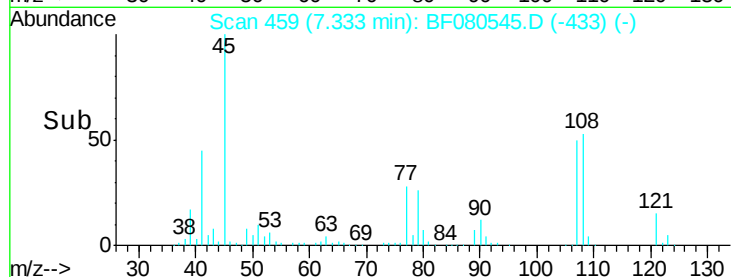


Abundance Ion 107.00 (106.70 to 107.70): E

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: 37.07 ng

RT: 7.58 min Scan# 481

Delta R.T. -0.00 min

Lab File: BF080545.D

Acq: 17 Jul 2015 20:55

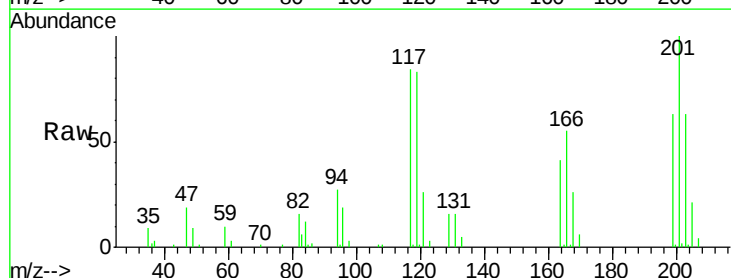
Tgt Ion:117 Resp: 37394

Ion Ratio Lower Upper

117 100

119 98.1 79.1 118.7

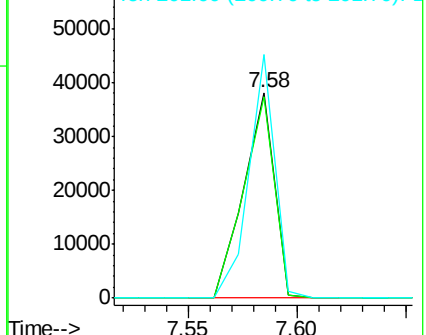
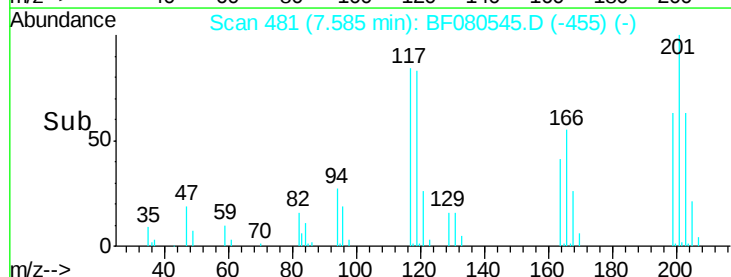
201 118.4 92.7 139.1

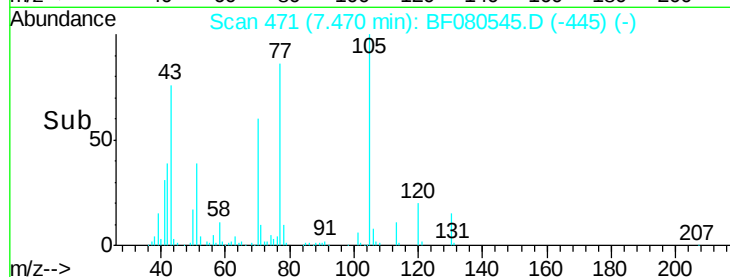
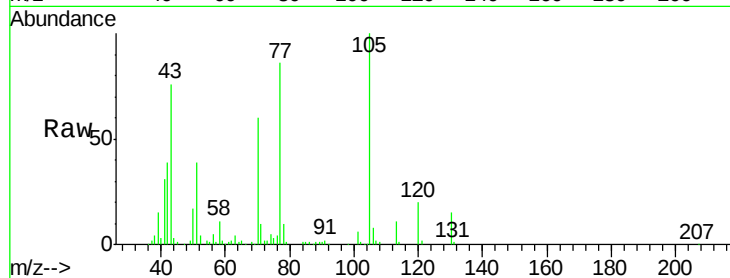
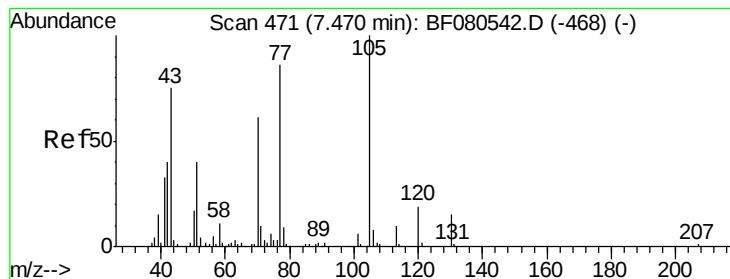


Abundance Ion 117.00 (116.70 to 117.70): E

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: 40.83 ng

RT: 7.47 min Scan# 471

Delta R.T. 0.00 min

Lab File: BF080545.D

Acq: 17 Jul 2015 20:55

Instrument :

BNA_F

ClientSampleId :

PB84565BS

Tot Ion: 70 Resp: 64493

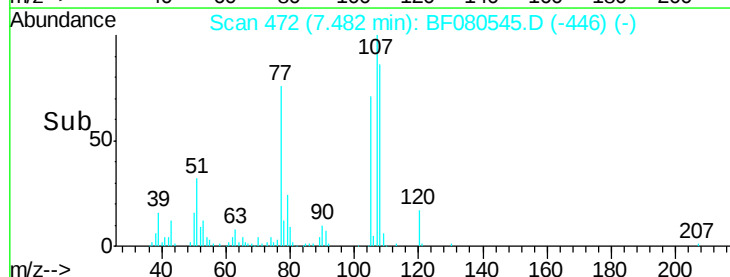
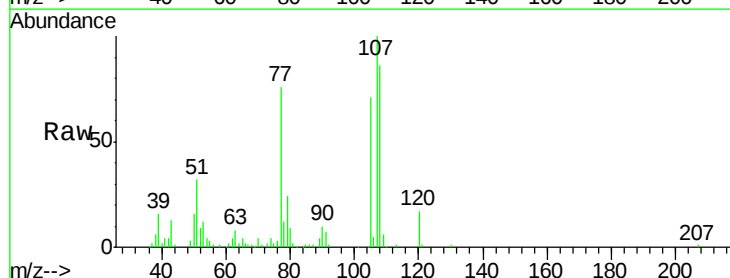
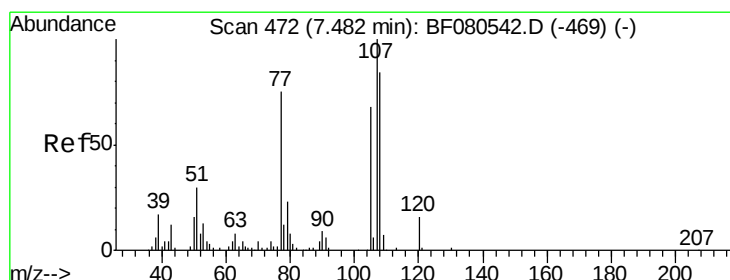
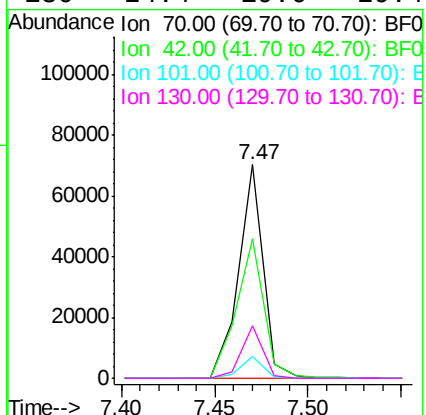
Ion Ratio Lower Upper

70 100

42 65.5 52.6 78.8

101 10.1 8.3 12.5

130 24.4 19.6 29.4



#20

3+4-Methylphenols

Concen: 43.27 ng

RT: 7.48 min Scan# 472

Delta R.T. -0.00 min

Lab File: BF080545.D

Acq: 17 Jul 2015 20:55

Tgt Ion:107 Resp: 120986

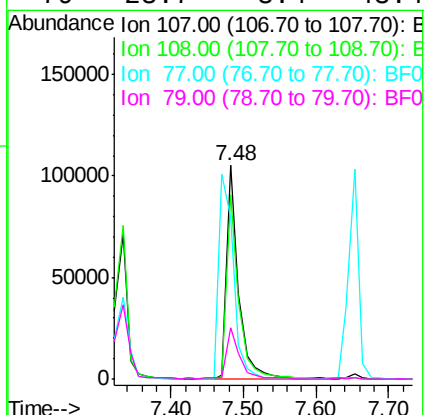
Ion Ratio Lower Upper

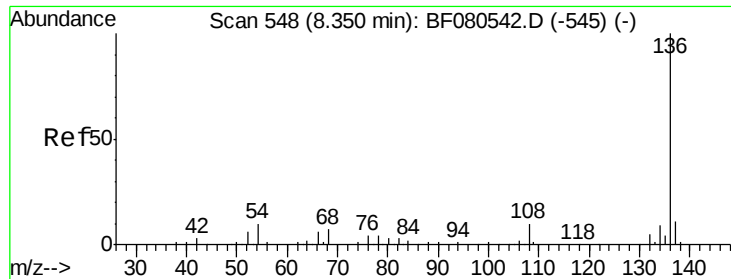
107 100

108 86.1 64.0 104.0

77 75.6 55.4 95.4

79 23.7 3.4 43.4

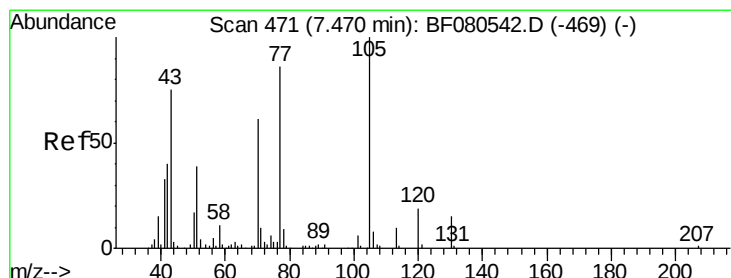
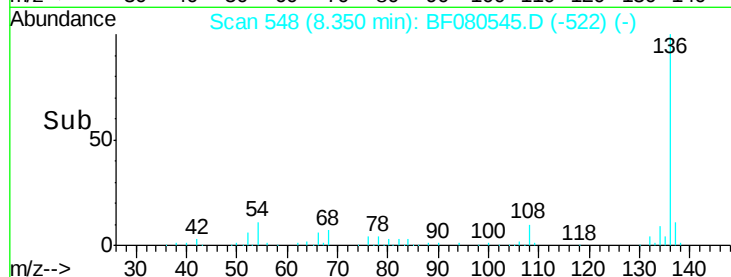
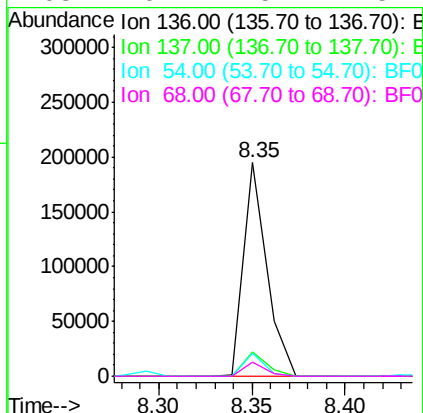
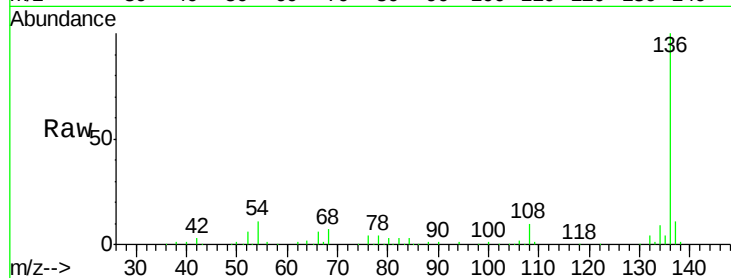




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.35 min Scan# 548
Delta R.T. -0.00 min
Lab File: BF080545.D
Acq: 17 Jul 2015 20:55

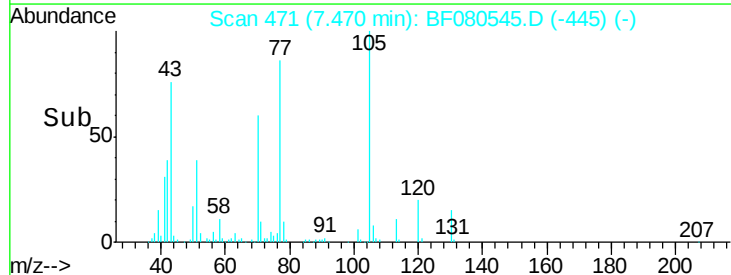
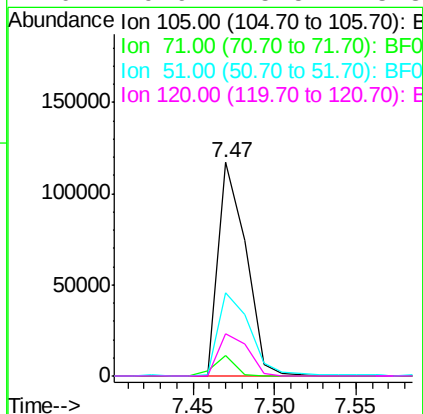
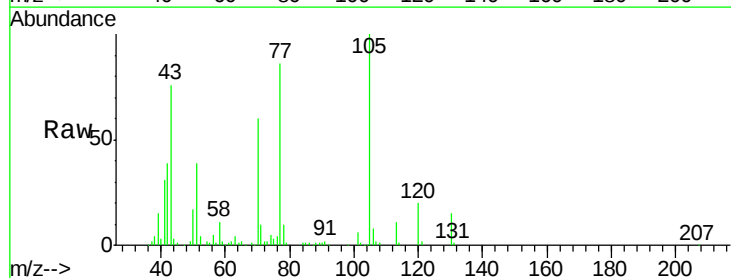
Instrument :
BNA_F
ClientSampleId :
PB84565BS

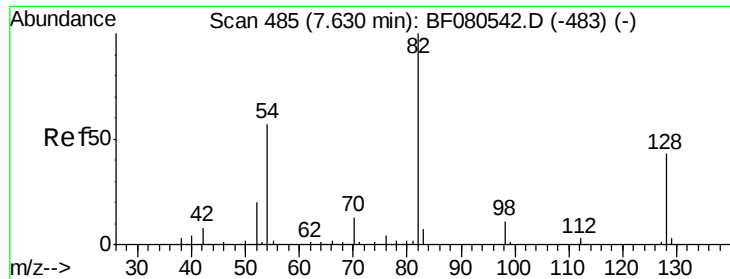
Tot Ion:136	Resp:	169496
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.7 13.1
54	10.9	8.3 12.5
68	6.7	5.4 8.2



#22
Acetophenone
Concen: 37.78 ng
RT: 7.47 min Scan# 471
Delta R.T. -0.00 min
Lab File: BF080545.D
Acq: 17 Jul 2015 20:55

Tgt Ion:105	Resp:	137439
Ion Ratio	Lower	Upper
105	100	
71	9.6	8.3 12.5
51	39.1	31.6 47.4
120	19.9	15.5 23.3

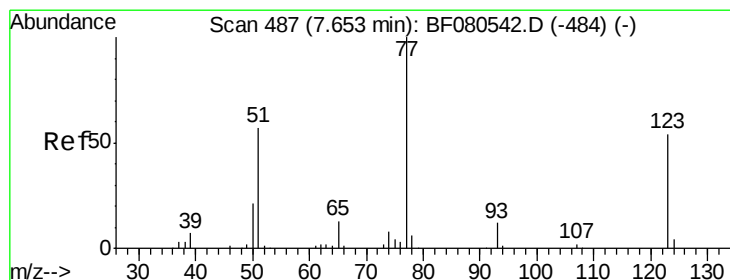
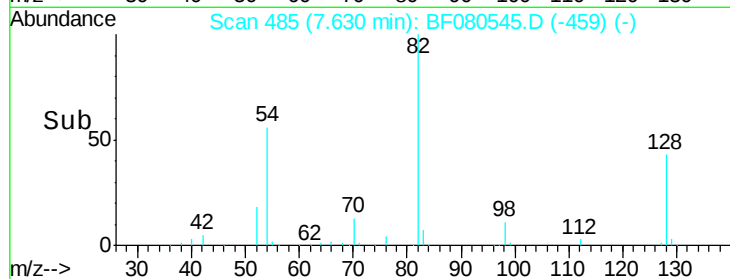
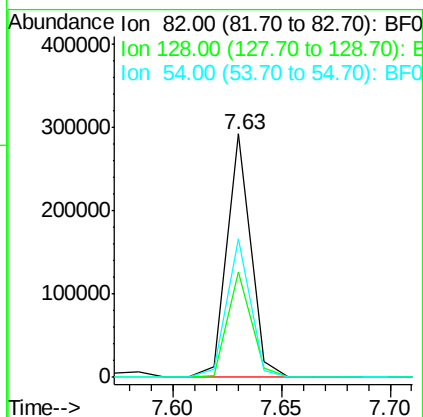
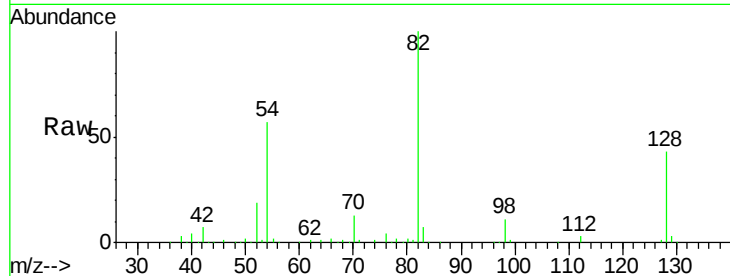




#23
 Nitrobenzene-d5
 Concen: 83.30 ng
 RT: 7.63 min Scan# 485
 Delta R.T. -0.00 min
 Lab File: BF080545.D
 Acq: 17 Jul 2015 20:55

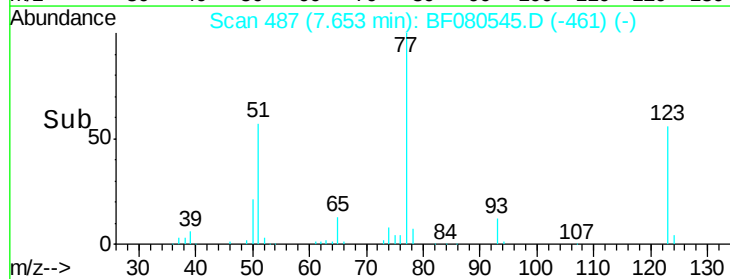
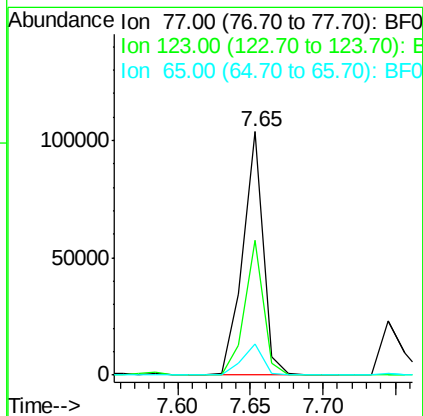
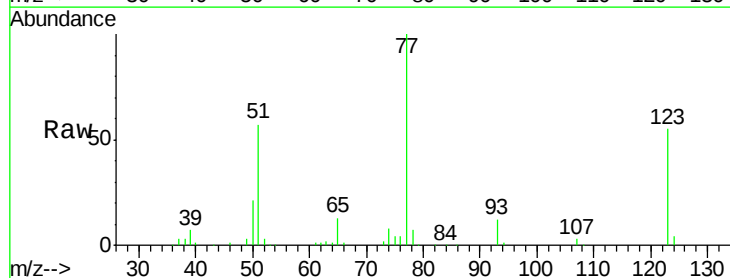
Instrument :
 BNA_F
 ClientSampleId :
 PB84565BS

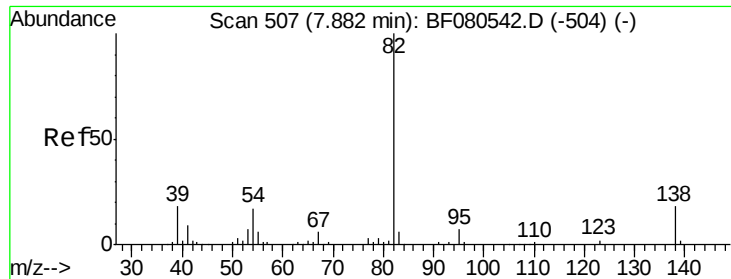
Tot Ion	82	Resp	221447
Ion Ratio	100	Lower	Upper
128	43.4	34.6	51.8
54	57.1	45.8	68.6



#24
 Nitrobenzene
 Concen: 33.89 ng
 RT: 7.65 min Scan# 487
 Delta R.T. 0.00 min
 Lab File: BF080545.D
 Acq: 17 Jul 2015 20:55

Tgt Ion	77	Resp	101812
Ion Ratio	100	Lower	Upper
123	55.2	42.9	64.3
65	12.8	10.7	16.1





#25

Isophorone

Concen: 38.53 ng

RT: 7.88 min Scan# 507

Delta R.T. 0.00 min

Lab File: BF080545.D

Acq: 17 Jul 2015 20:55

Instrument :

BNA_F

ClientSampleId :

PB84565BS

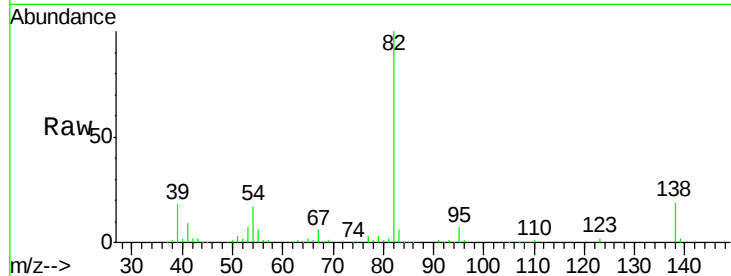
Tot Ion: 82 Resp: 195534

Ion Ratio Lower Upper

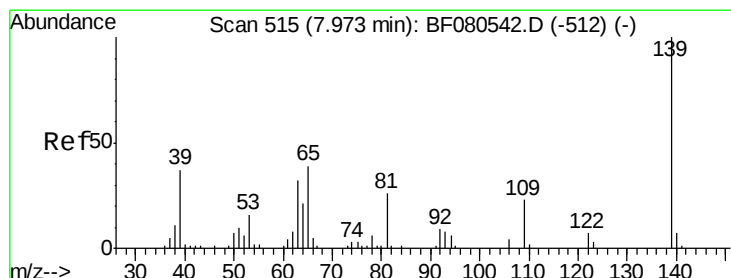
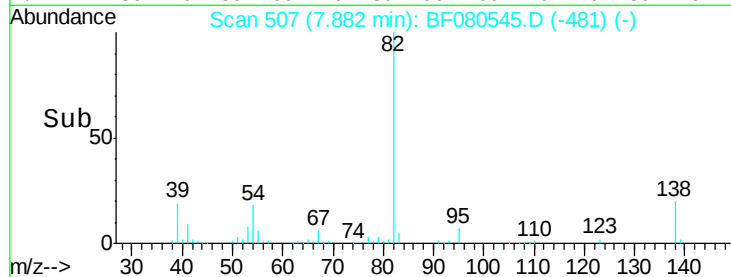
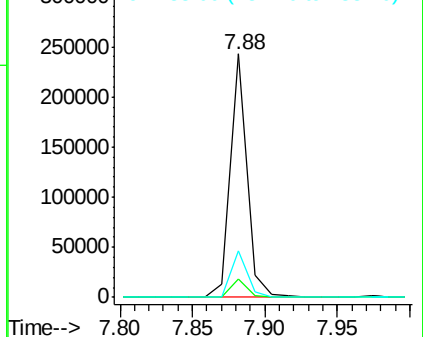
82 100

95 7.3 5.5 8.3

138 19.0 14.7 22.1



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: 35.56 ng

RT: 7.97 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF080545.D

Acq: 17 Jul 2015 20:55

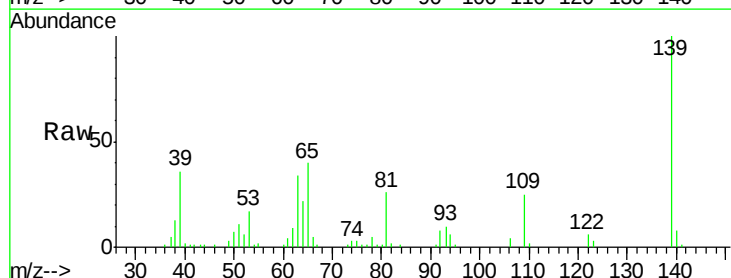
Tgt Ion: 139 Resp: 52422

Ion Ratio Lower Upper

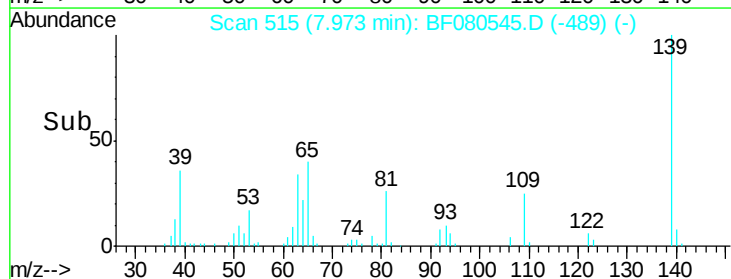
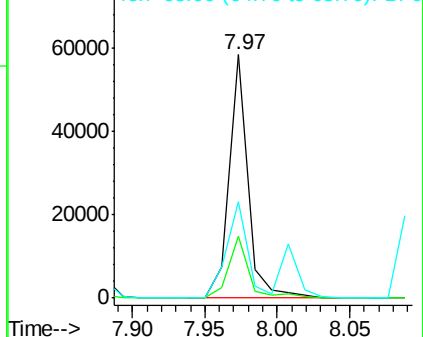
139 100

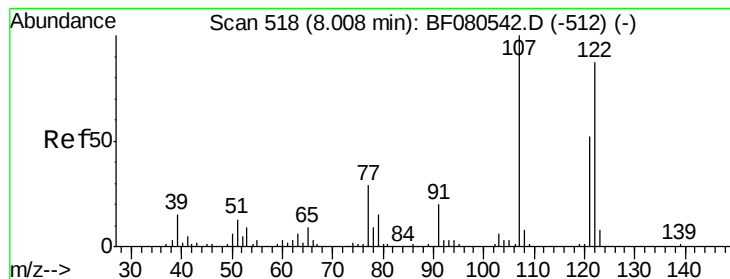
109 25.2 18.3 27.5

65 39.6 31.0 46.6



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

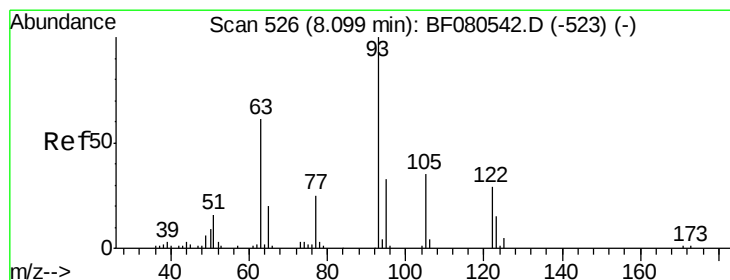
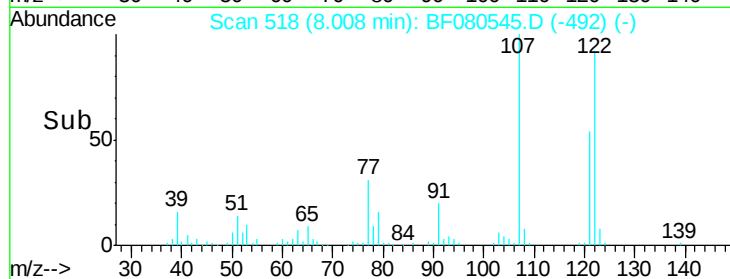
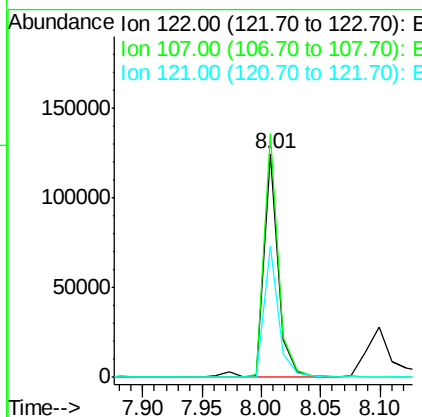
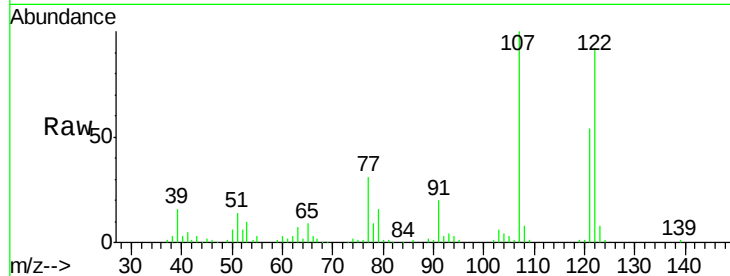




#27
 2,4-Dimethylphenol
 Concen: 42.33 ng
 RT: 8.01 min Scan# 518
 Delta R.T. -0.00 min
 Lab File: BF080545.D
 Acq: 17 Jul 2015 20:55

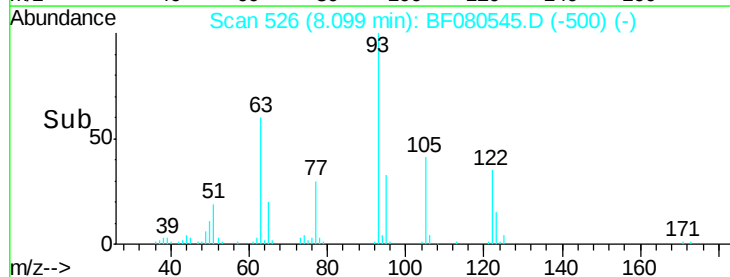
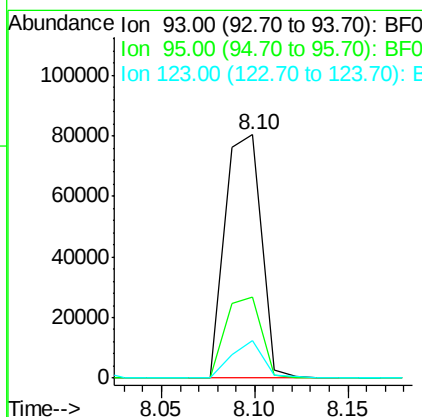
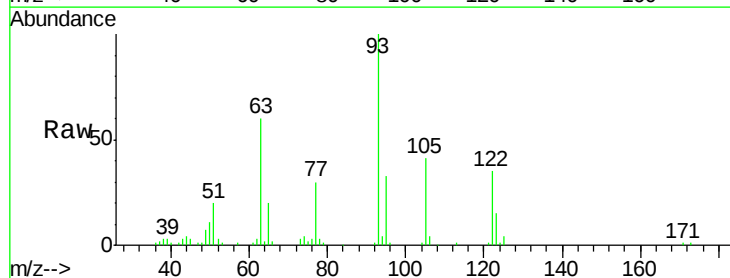
Instrument :
 BNA_F
 ClientSampleId :
 PB84565BS

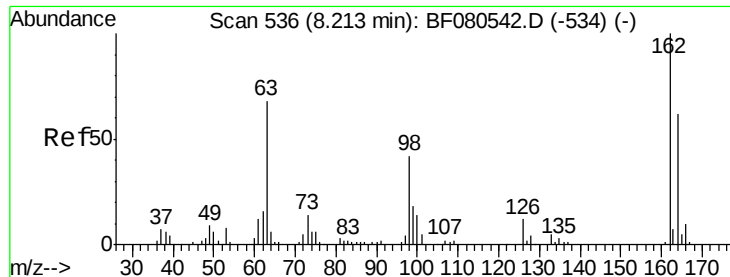
Tot Ion:122 Resp: 106857
 Ion Ratio Lower Upper
 122 100
 107 108.9 91.6 137.4
 121 58.9 47.4 71.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.10 ng
 RT: 8.10 min Scan# 526
 Delta R.T. -0.00 min
 Lab File: BF080545.D
 Acq: 17 Jul 2015 20:55

Tgt Ion: 93 Resp: 109861
 Ion Ratio Lower Upper
 93 100
 95 33.4 26.4 39.6
 123 15.5 12.2 18.4

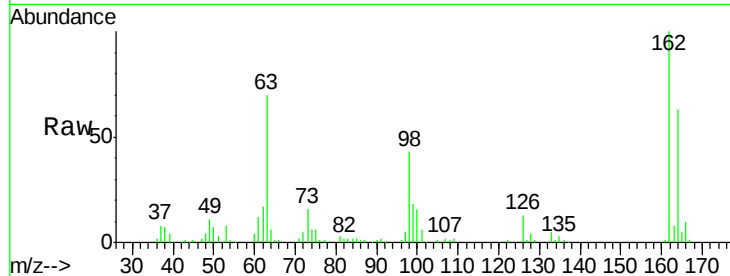




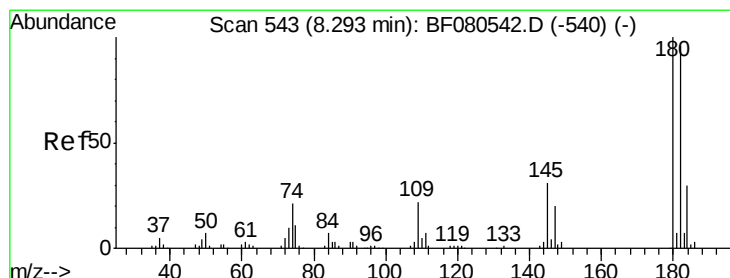
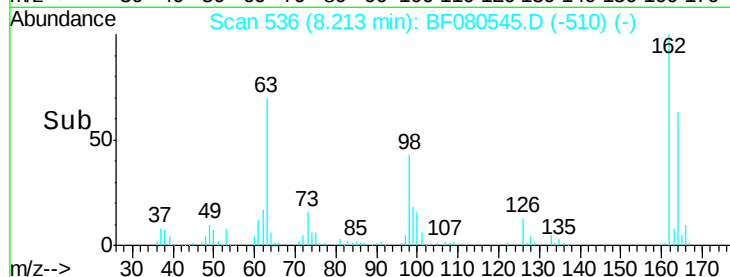
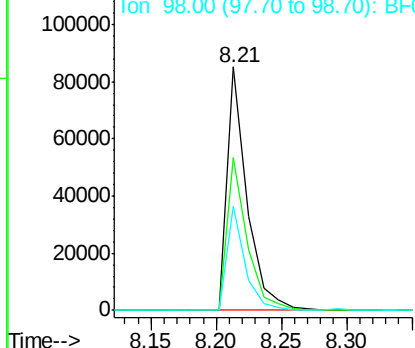
#29
 2,4-Dichlorophenol
 Concen: 42.19 ng
 RT: 8.21 min Scan# 536
 Delta R.T. 0.00 min
 Lab File: BF080545.D
 Acq: 17 Jul 2015 20:55

Instrument :
 BNA_F
 ClientSampleId :
 PB84565BS

Tot Ion:162 Resp: 90183
 Ion Ratio Lower Upper
 162 100
 164 62.7 41.6 81.6
 98 42.7 21.9 61.9

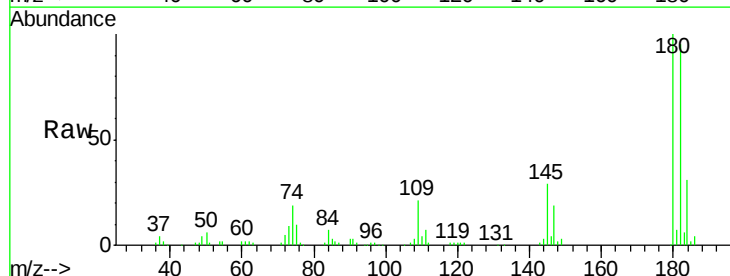


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

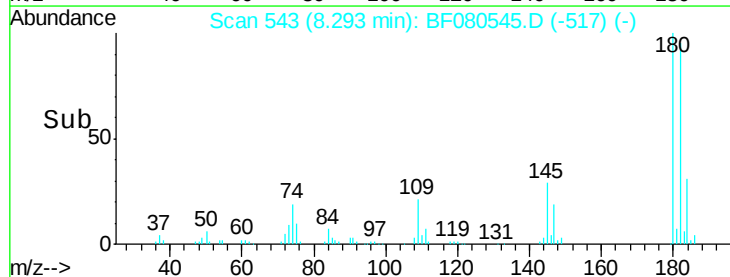
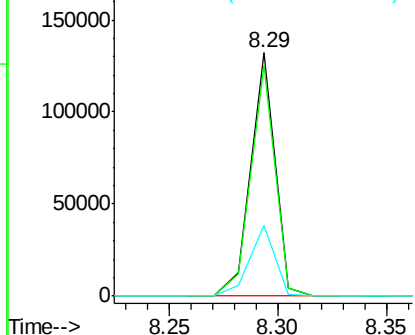


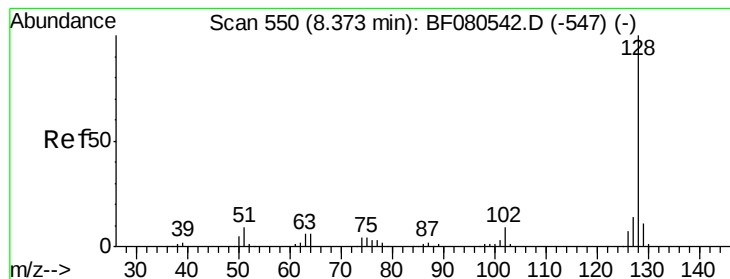
#30
 1,2,4-Trichlorobenzene
 Concen: 37.49 ng
 RT: 8.29 min Scan# 543
 Delta R.T. -0.00 min
 Lab File: BF080545.D
 Acq: 17 Jul 2015 20:55

Tgt Ion:180 Resp: 102459
 Ion Ratio Lower Upper
 180 100
 182 95.0 77.0 115.4
 145 29.3 24.5 36.7



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: 39.06 ng

RT: 8.37 min Scan# 550

Delta R.T. -0.00 min

Lab File: BF080545.D

Acq: 17 Jul 2015 20:55

Instrument :

BNA_F

ClientSampleId :

PB84565BS

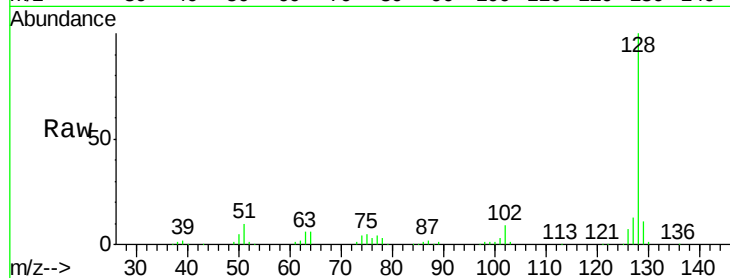
Tot Ion:128 Resp: 327695

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.4

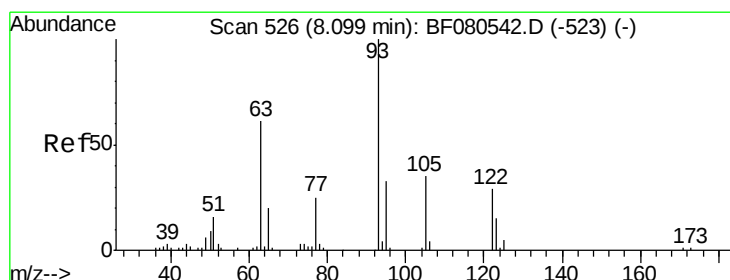
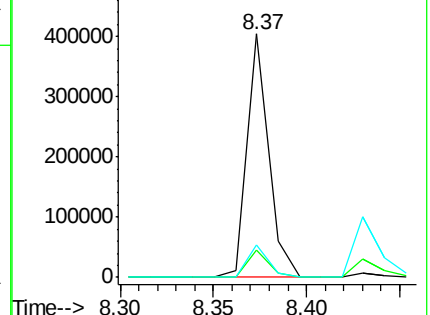
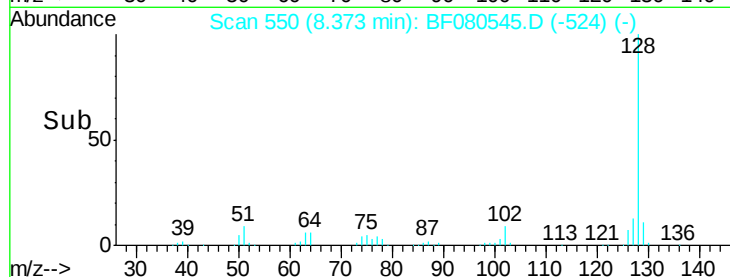
127 13.1 11.0 16.4



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: 42.14 ng

RT: 8.10 min Scan# 526

Delta R.T. 0.00 min

Lab File: BF080545.D

Acq: 17 Jul 2015 20:55

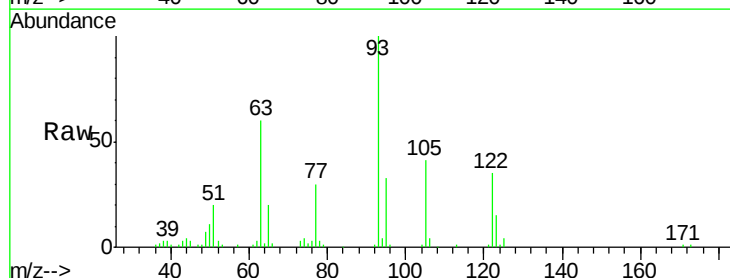
Tgt Ion:122 Resp: 47171

Ion Ratio Lower Upper

122 100

105 117.1 101.3 141.3

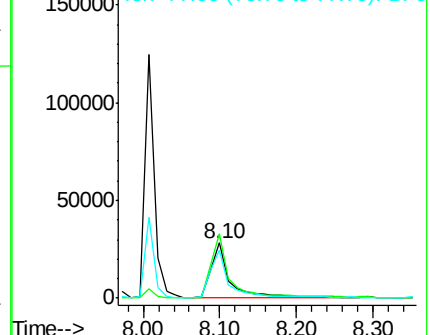
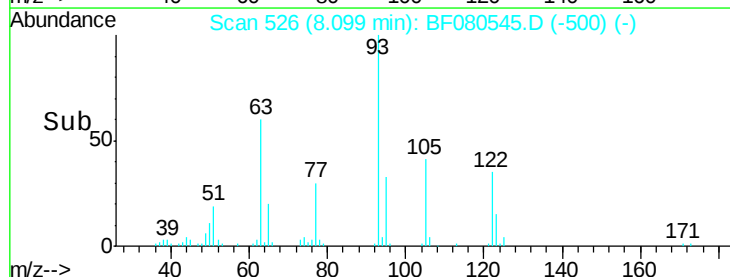
77 86.6 64.1 104.1

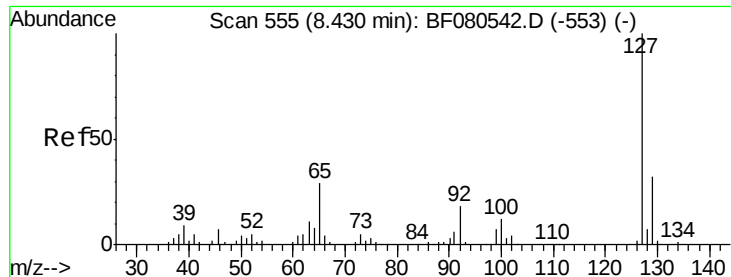


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

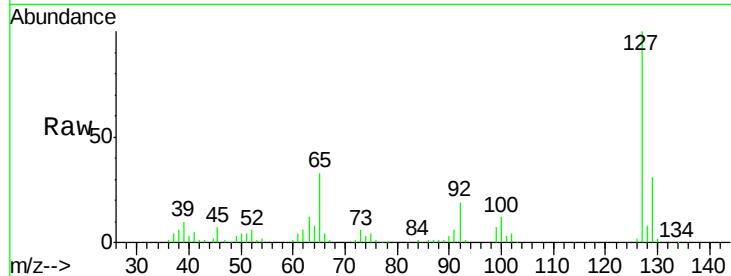




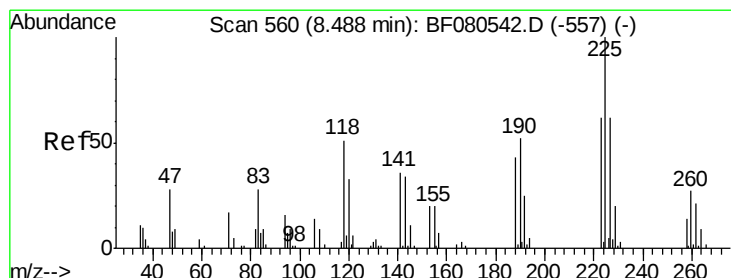
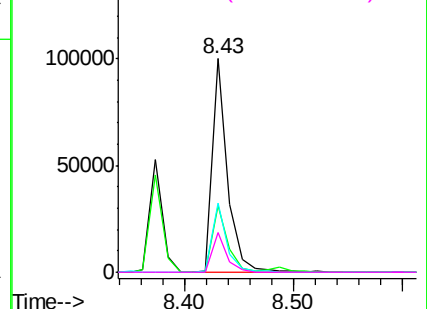
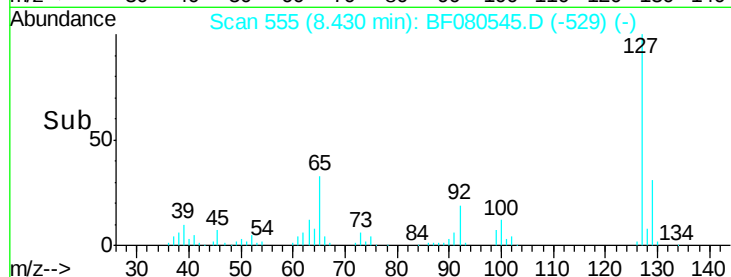
#33
 4-Chloroaniline
 Concen: 29.44 ng
 RT: 8.43 min Scan# 555
 Delta R.T. -0.00 min
 Lab File: BF080545.D
 Acq: 17 Jul 2015 20:55

Instrument :
 BNA_F
 ClientSampleId :
 PB84565BS

Tot Ion:	127	Resp:	98414
Ion	Ratio	Lower	Upper
127	100		
129	30.9	25.3	37.9
65	32.6	23.5	35.3
92	18.5	14.2	21.4

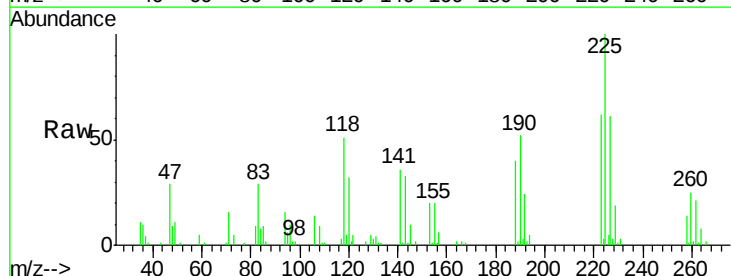


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

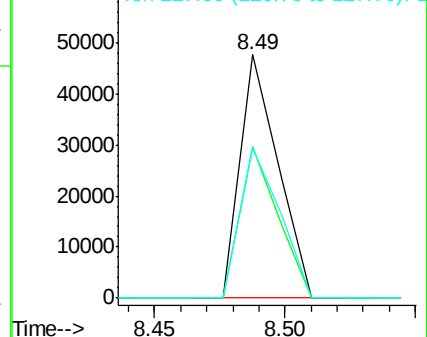
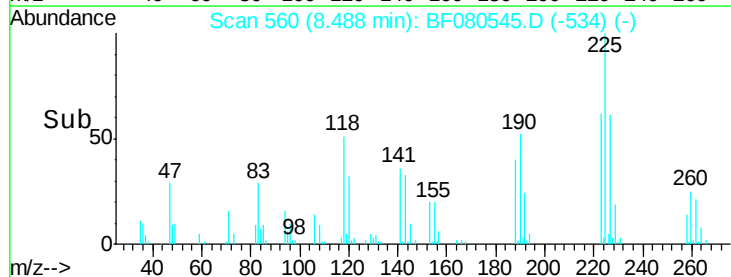


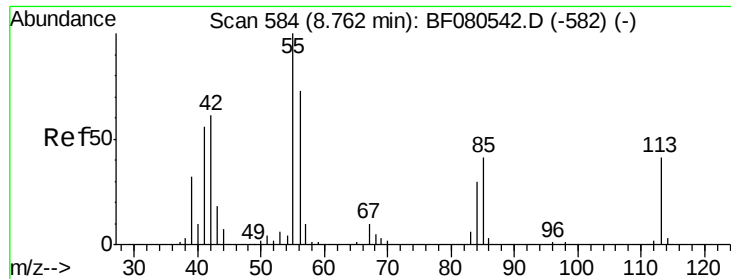
#34
 Hexachlorobutadiene
 Concen: 38.10 ng
 RT: 8.49 min Scan# 560
 Delta R.T. -0.00 min
 Lab File: BF080545.D
 Acq: 17 Jul 2015 20:55

Tgt Ion:	225	Resp:	48555
Ion	Ratio	Lower	Upper
225	100		
223	62.2	49.4	74.2
227	61.4	49.3	73.9



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





#35

Caprolactam

Concen: 44.18 ng

RT: 8.77 min Scan# 585

Delta R.T. 0.01 min

Lab File: BF080545.D

Acq: 17 Jul 2015 20:55

Instrument :

BNA_F

ClientSampleId :

PB84565BS

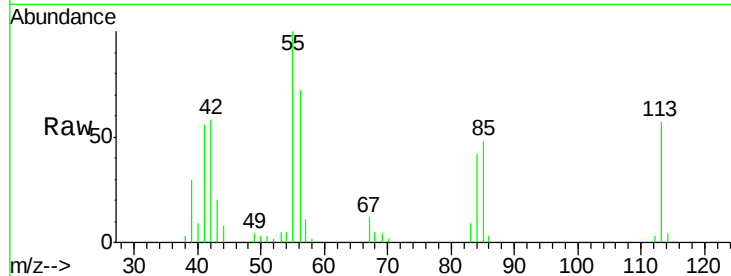
Tot Ion:113 Resp: 22561

Ion Ratio Lower Upper

113 100

55 176.1 225.3 265.3#

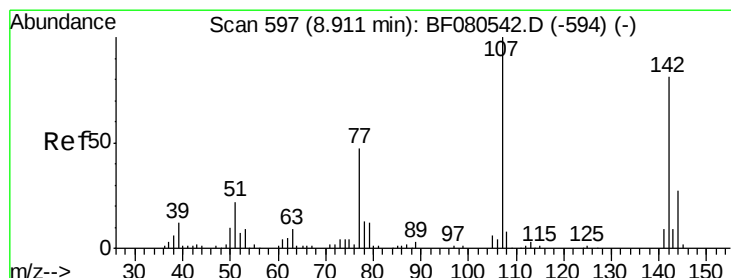
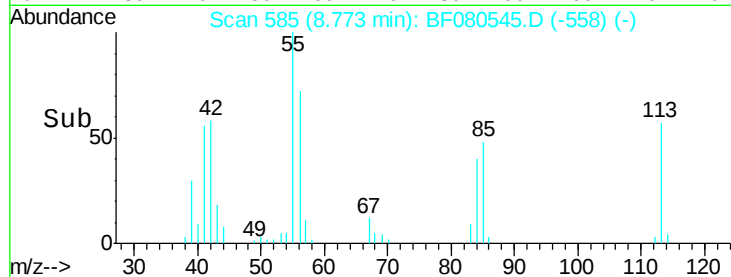
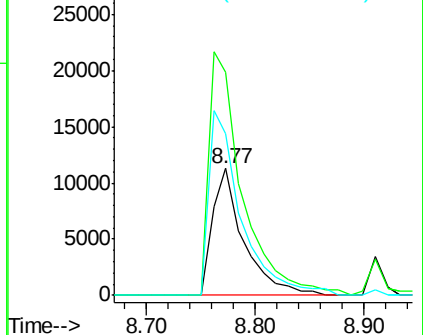
56 127.6 159.9 199.9#



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: 45.64 ng

RT: 8.91 min Scan# 597

Delta R.T. -0.00 min

Lab File: BF080545.D

Acq: 17 Jul 2015 20:55

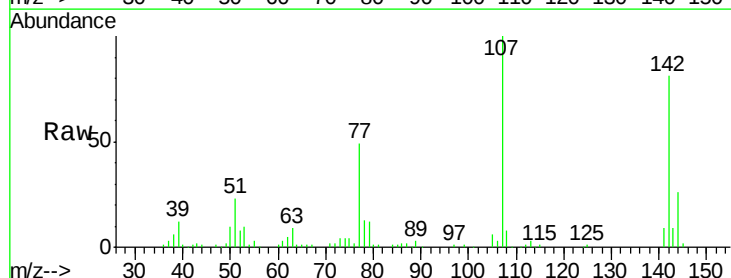
Tgt Ion:107 Resp: 100518

Ion Ratio Lower Upper

107 100

144 25.5 21.4 32.0

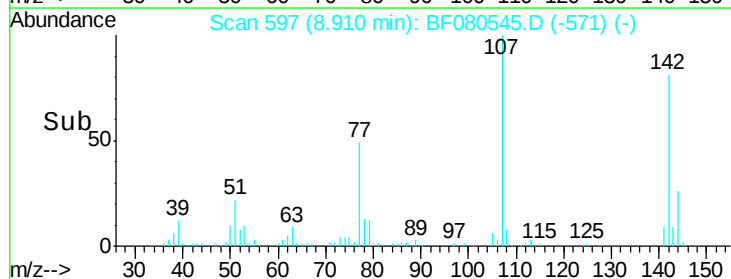
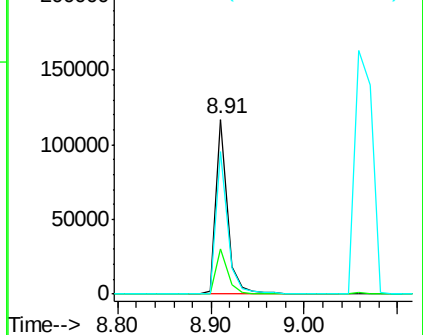
142 81.3 64.4 96.6

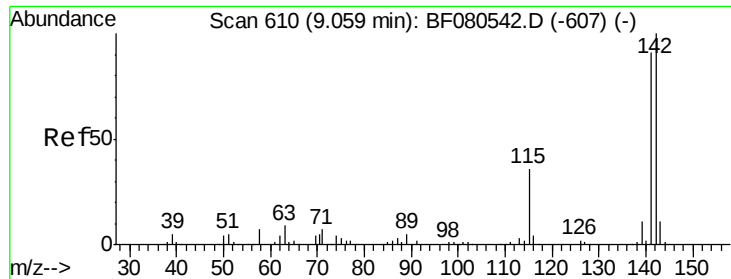


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

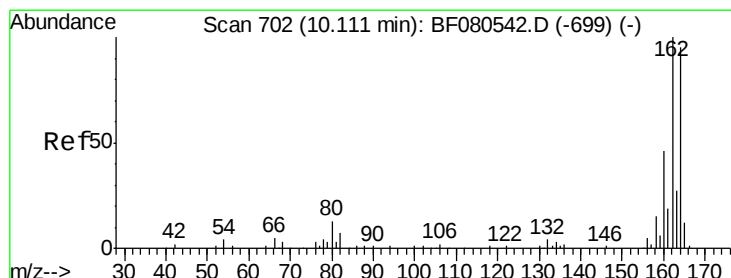
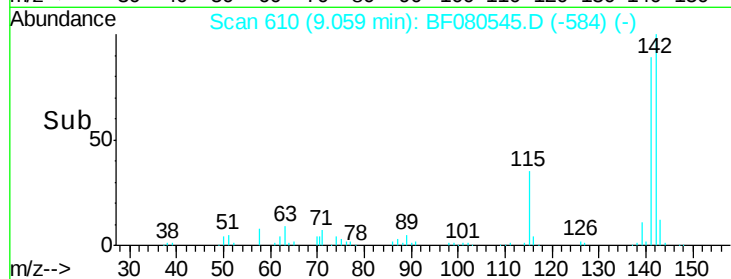
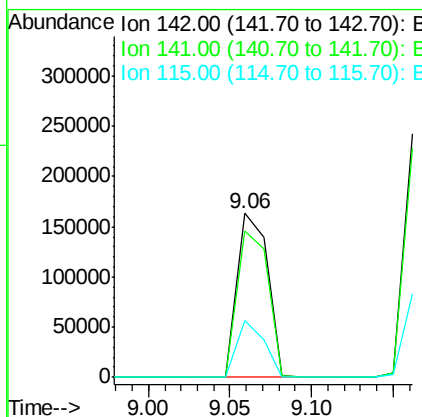
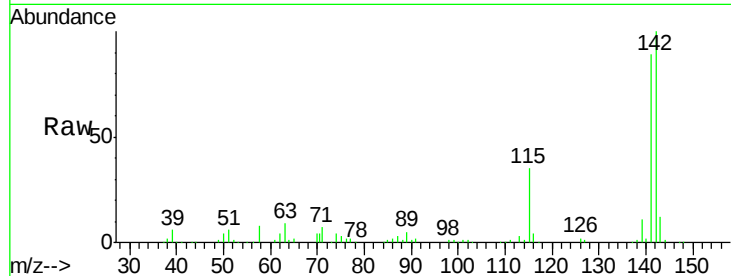




#37
 2-Methylnaphthalene
 Concen: 40.70 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.00 min
 Lab File: BF080545.D
 Acq: 17 Jul 2015 20:55

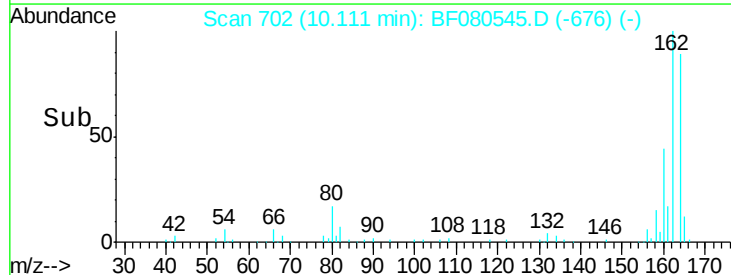
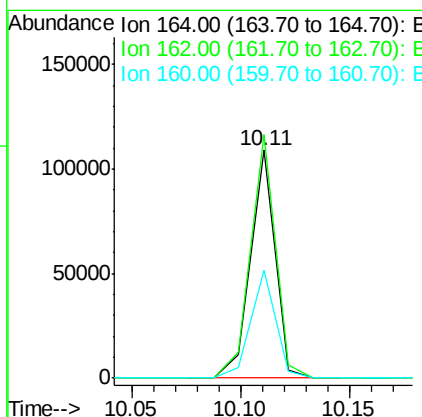
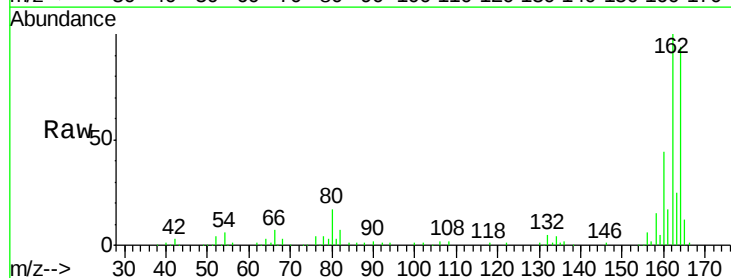
Instrument :
 BNA_F
 ClientSampleId :
 PB84565BS

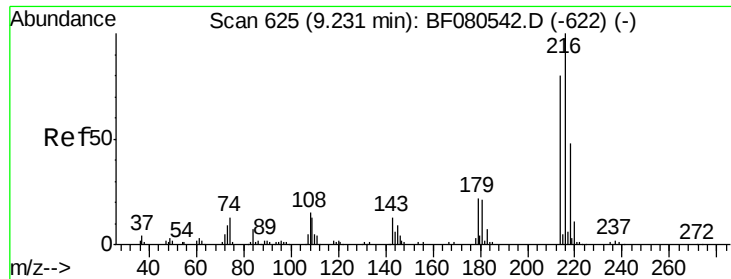
Tot Ion:142 Resp: 209549
 Ion Ratio Lower Upper
 142 100
 141 89.1 72.5 108.7
 115 34.9 28.7 43.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.11 min Scan# 702
 Delta R.T. -0.00 min
 Lab File: BF080545.D
 Acq: 17 Jul 2015 20:55

Tgt Ion:164 Resp: 85467
 Ion Ratio Lower Upper
 164 100
 162 106.7 84.1 126.1
 160 47.3 38.8 58.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.32 ng

RT: 9.23 min Scan# 625

Delta R.T. -0.00 min

Lab File: BF080545.D

Acq: 17 Jul 2015 20:55

Instrument :

BNA_F

ClientSampleId :

PB84565BS

Tot Ion:216 Resp: 98166

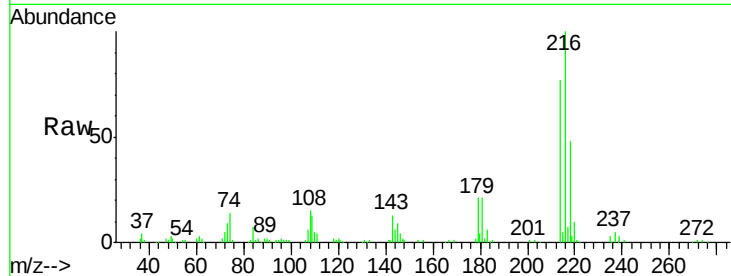
Ion Ratio Lower Upper

216 100

214 77.5 63.6 95.4

179 21.7 18.3 27.5

108 20.5 15.0 22.4

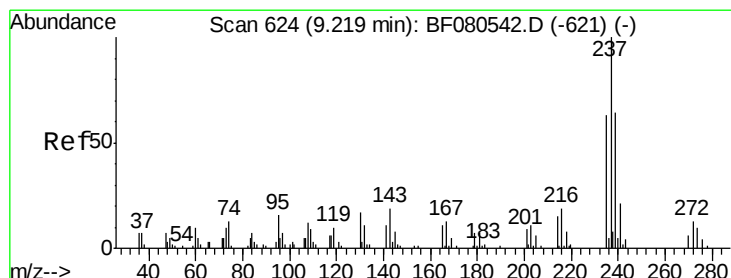
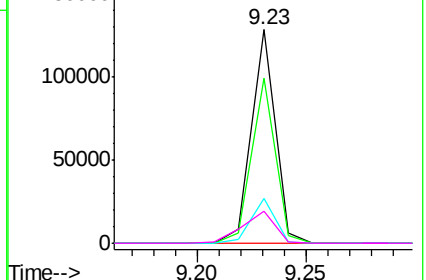
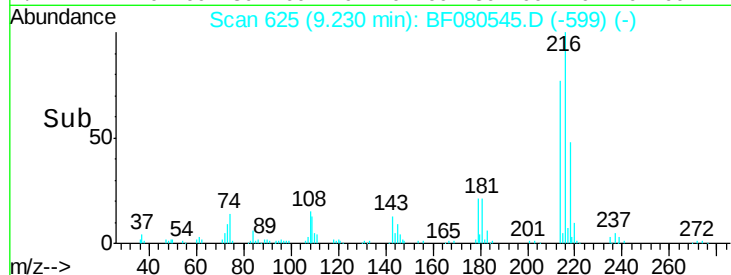


Abundance Ion 216.00 (215.70 to 216.70): E

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: 82.46 ng

RT: 9.22 min Scan# 624

Delta R.T. -0.00 min

Lab File: BF080545.D

Acq: 17 Jul 2015 20:55

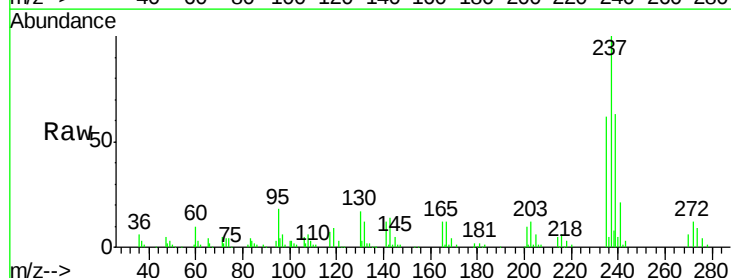
Tgt Ion:237 Resp: 104908

Ion Ratio Lower Upper

237 100

235 62.3 43.1 83.1

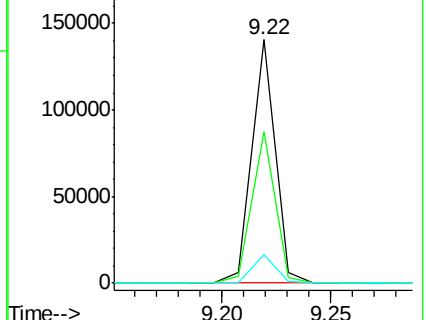
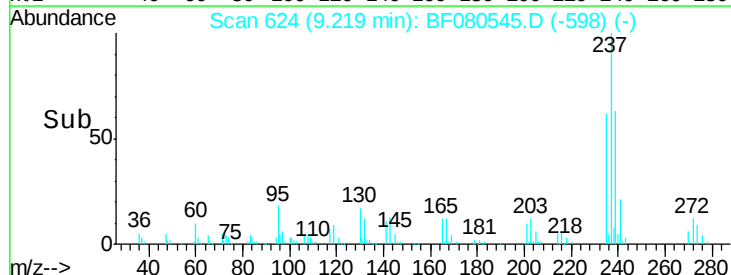
272 11.9 0.0 33.3

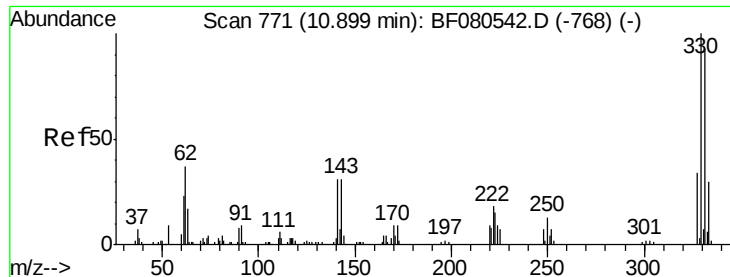


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

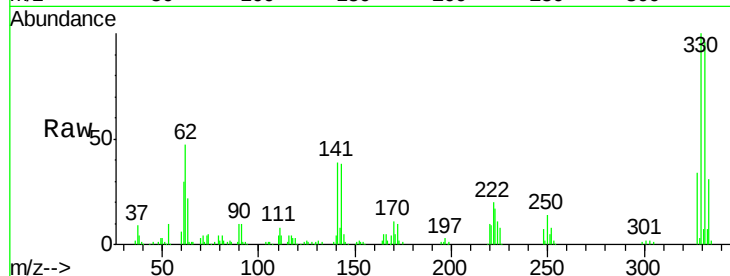




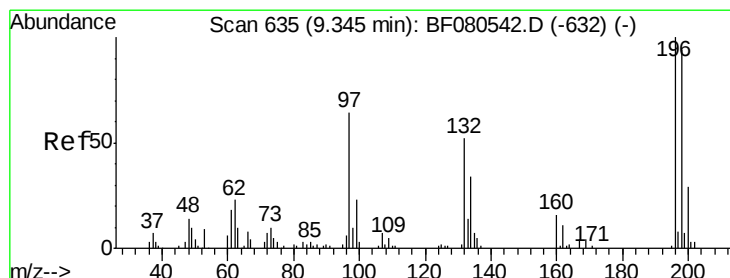
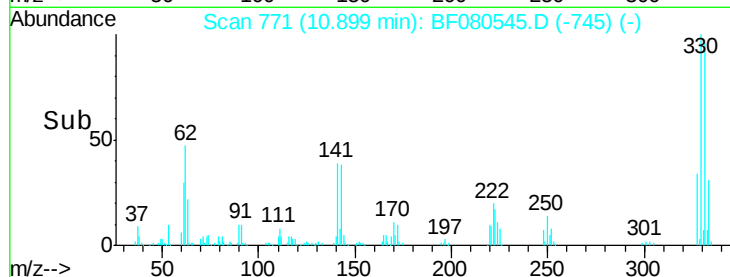
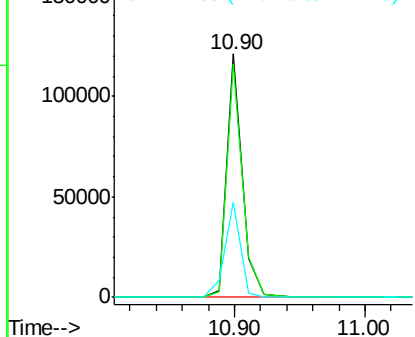
#41
 2,4,6-Tribromophenol
 Concen: 131.20 ng
 RT: 10.90 min Scan# 771
 Delta R.T. -0.00 min
 Lab File: BF080545.D
 Acq: 17 Jul 2015 20:55

Instrument :
 BNA_F
 ClientSampleId :
 PB84565BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	74.3	111.5
141	40.3	29.0	43.4

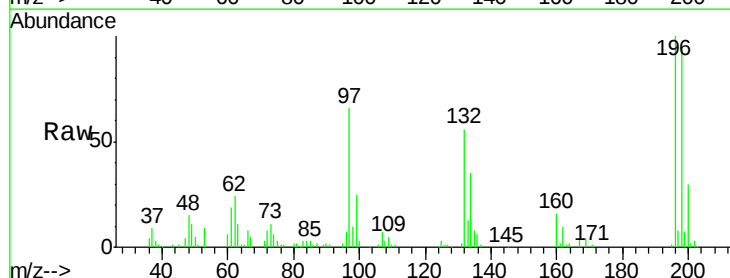


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

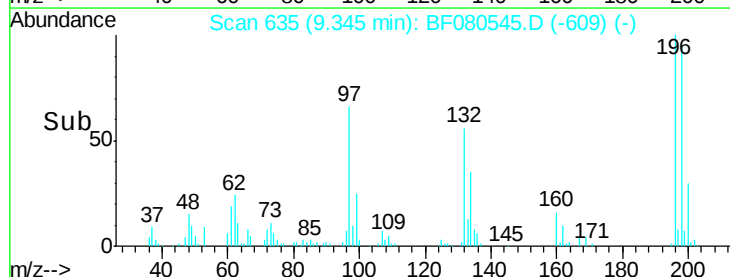
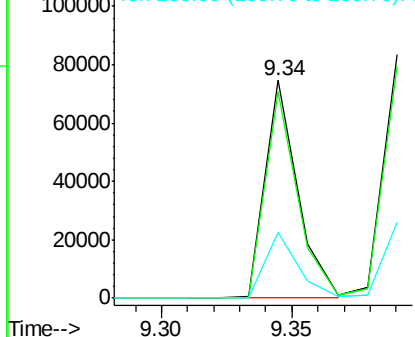


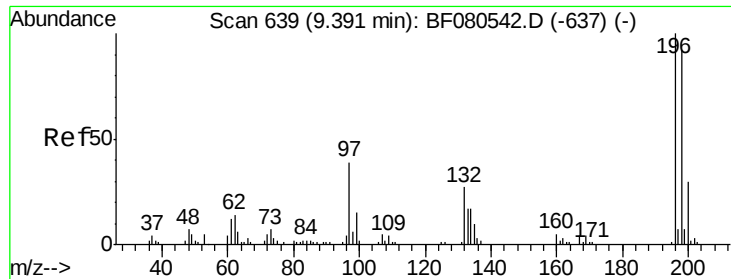
#42
 2,4,6-Trichlorophenol
 Concen: 41.78 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.00 min
 Lab File: BF080545.D
 Acq: 17 Jul 2015 20:55

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.1	75.4	113.2
200	30.4	23.3	34.9



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

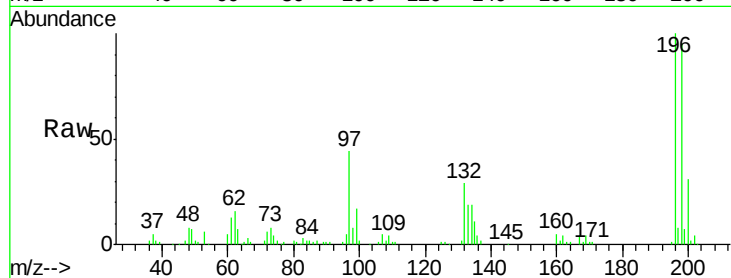




#43
 2,4,5-Trichlorophenol
 Concen: 42.54 ng
 RT: 9.39 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: BF080545.D
 Acq: 17 Jul 2015 20:55

Instrument :
 BNA_F
 ClientSampleId :
 PB84565BS

Tot Ion	196	Resp	72353
Ion Ratio	Lower	Upper	
196	100		
198	95.2	73.8	110.8
97	44.0	31.3	46.9
132	28.8	21.7	32.5



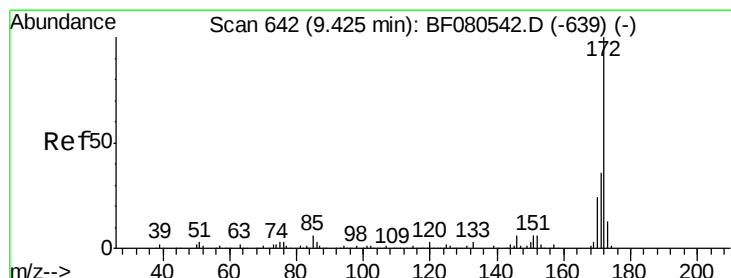
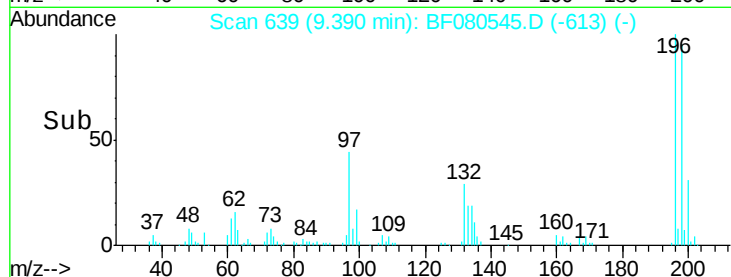
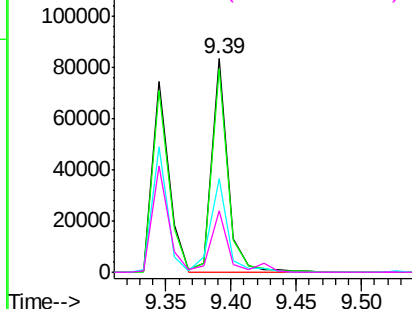
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

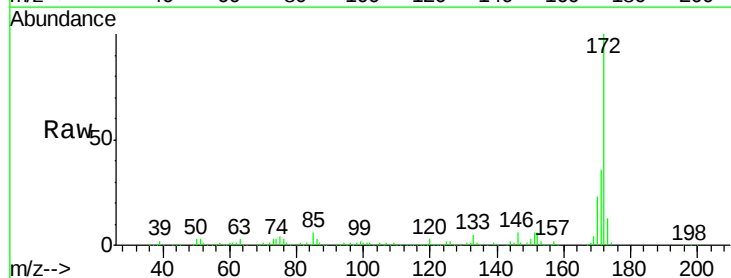
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 79.21 ng
 RT: 9.42 min Scan# 642
 Delta R.T. -0.00 min
 Lab File: BF080545.D
 Acq: 17 Jul 2015 20:55

Tgt Ion	172	Resp	481999
Ion Ratio	Lower	Upper	
172	100		
171	35.6	28.8	43.2
170	23.5	19.0	28.4

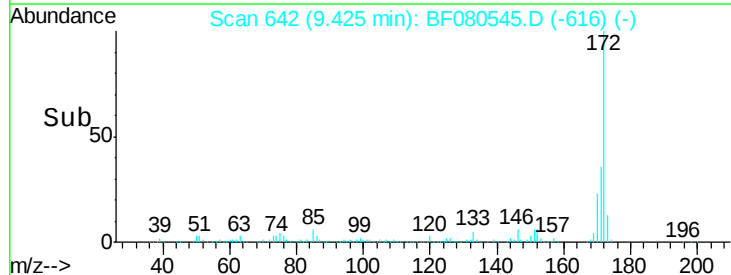
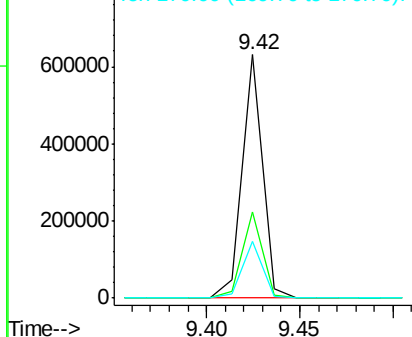


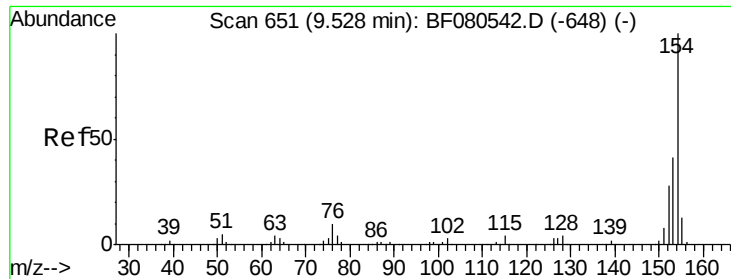
Abundance

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

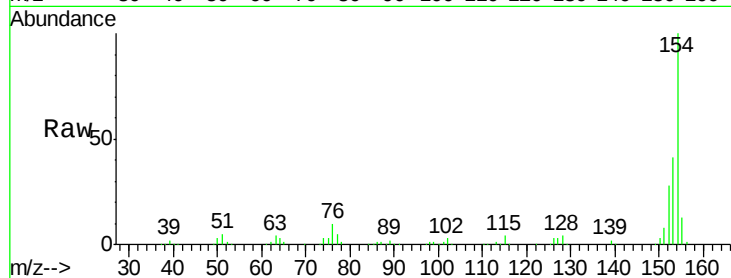




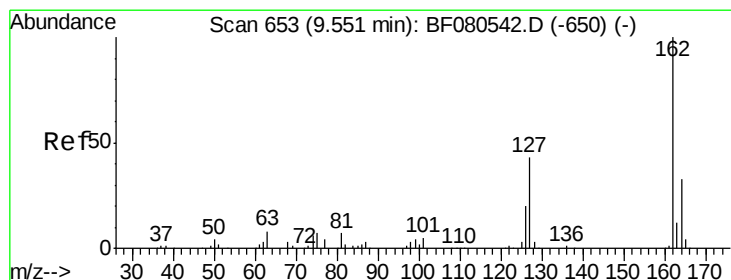
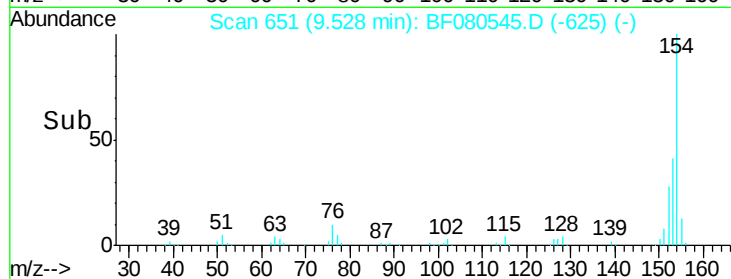
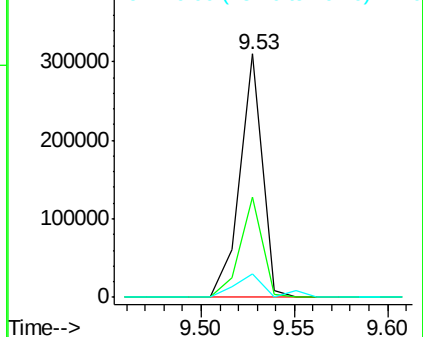
#45
 1,1'-Biphenyl
 Concen: 36.82 ng
 RT: 9.53 min Scan# 651
 Delta R.T. -0.00 min
 Lab File: BF080545.D
 Acq: 17 Jul 2015 20:55

Instrument :
 BNA_F
 ClientSampleId :
 PB84565BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.2	20.6	60.6
76	9.9	0.0	29.6

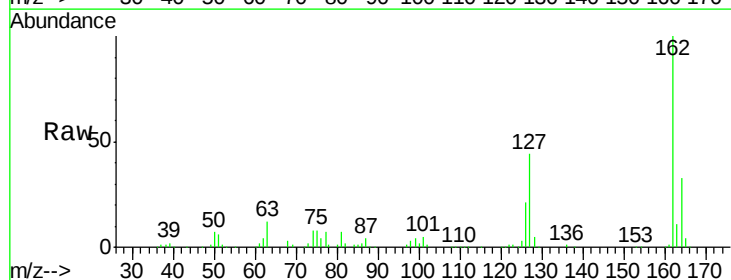


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

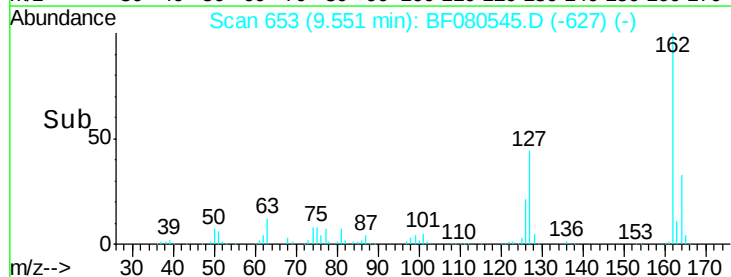
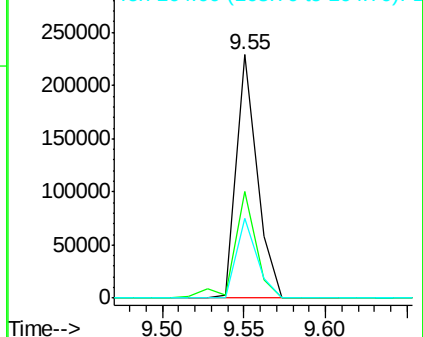


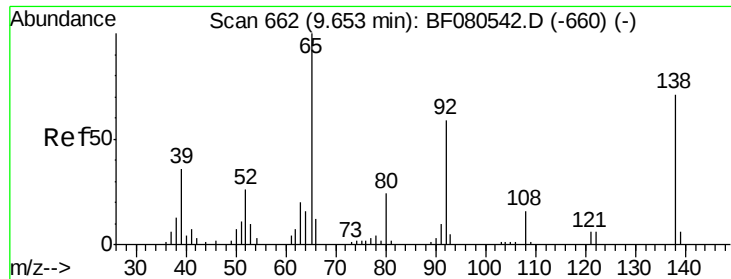
#46
 2-Chloronaphthalene
 Concen: 38.26 ng
 RT: 9.55 min Scan# 653
 Delta R.T. -0.00 min
 Lab File: BF080545.D
 Acq: 17 Jul 2015 20:55

Tgt Ion	Ratio	Lower	Upper
162	100		
127	44.0	35.4	53.2
164	32.5	26.2	39.2



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

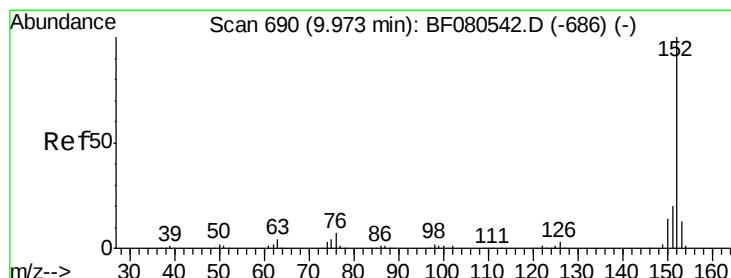
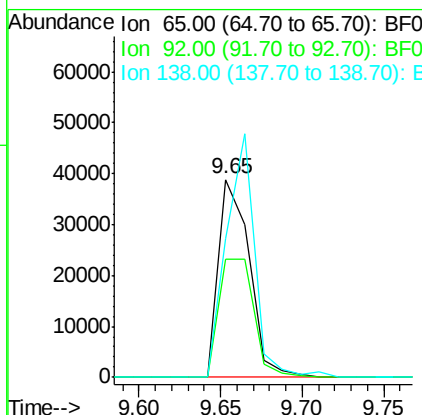
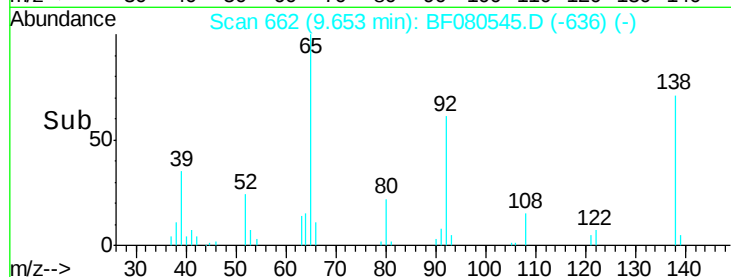
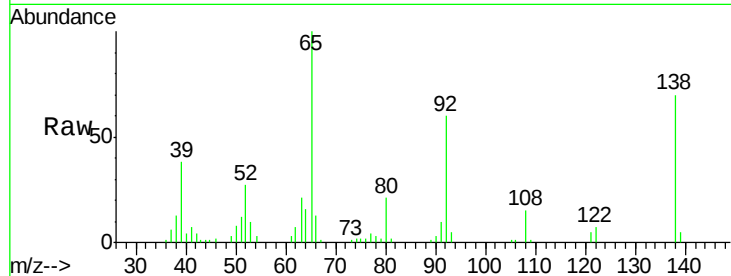




#47
 2-Nitroaniline
 Concen: 40.36 ng
 RT: 9.65 min Scan# 662
 Delta R.T. 0.00 min
 Lab File: BF080545.D
 Acq: 17 Jul 2015 20:55

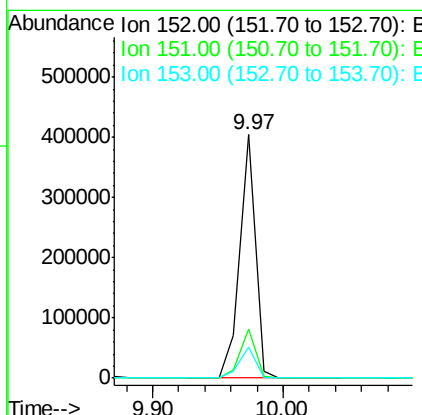
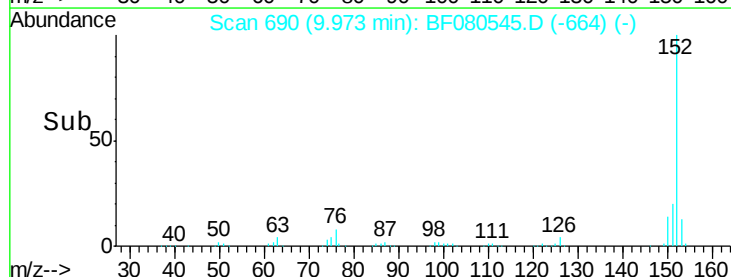
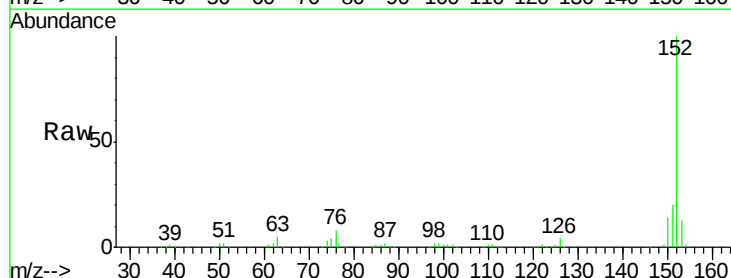
Instrument :
 BNA_F
 ClientSampleId :
 PB84565BS

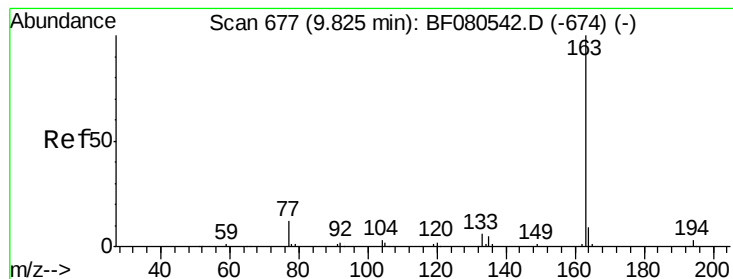
Tot Ion: 65 Resp: 50983
 Ion Ratio Lower Upper
 65 100
 92 60.0 47.4 71.0
 138 69.9 57.1 85.7



#48
 Acenaphthylene
 Concen: 38.88 ng
 RT: 9.97 min Scan# 690
 Delta R.T. -0.00 min
 Lab File: BF080545.D
 Acq: 17 Jul 2015 20:55

Tgt Ion: 152 Resp: 336104
 Ion Ratio Lower Upper
 152 100
 151 20.1 15.8 23.8
 153 12.8 10.4 15.6





#49

Dimethylphthalate

Concen: 42.95 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF080545.D

Acq: 17 Jul 2015 20:55

Instrument :

BNA_F

ClientSampleId :

PB84565BS

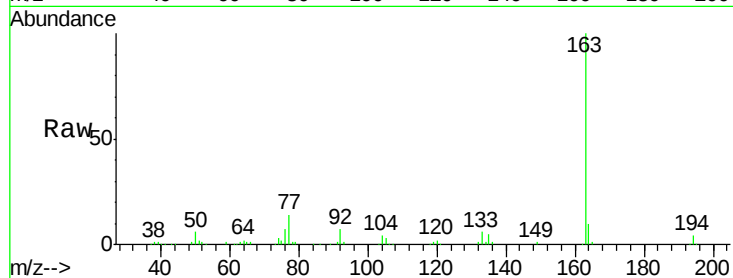
Tot Ion:163 Resp: 244294

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

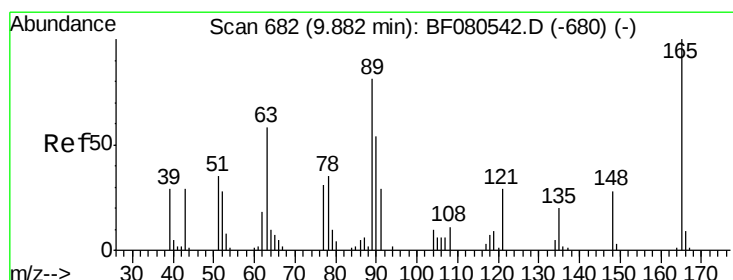
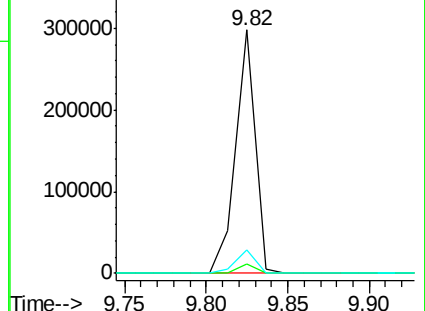
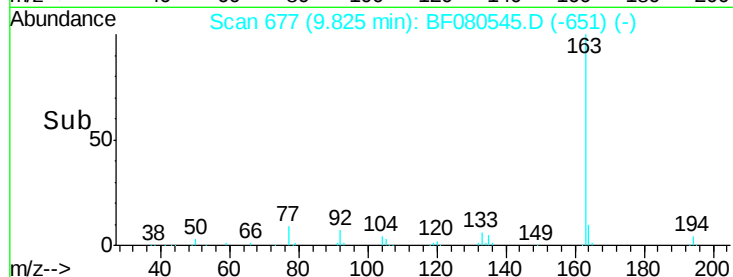
164 9.9 7.4 11.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 42.53 ng

RT: 9.89 min Scan# 683

Delta R.T. 0.01 min

Lab File: BF080545.D

Acq: 17 Jul 2015 20:55

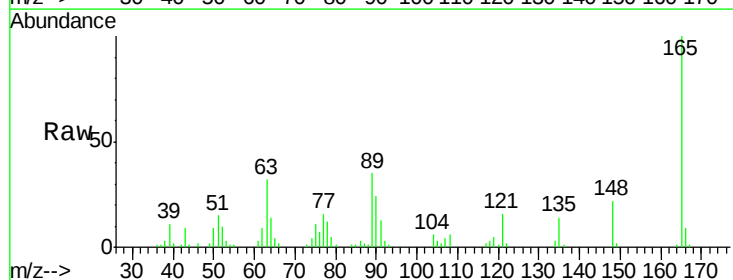
Tgt Ion:165 Resp: 47345

Ion Ratio Lower Upper

165 100

63 32.3 74.5 111.7#

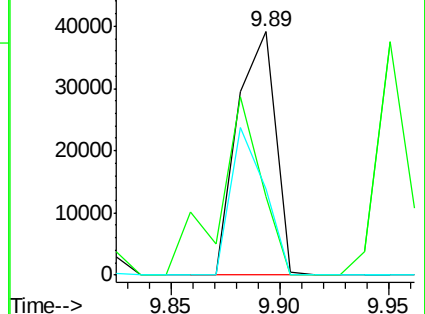
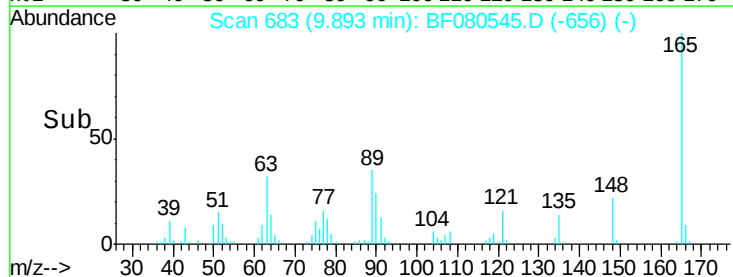
89 35.2 64.6 97.0#

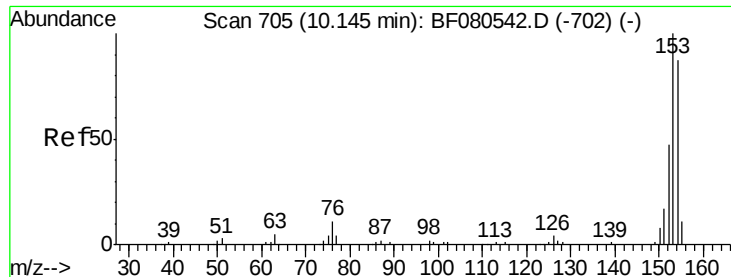


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 43.29 ng

RT: 10.14 min Scan# 705

Delta R.T. -0.00 min

Lab File: BF080545.D

Acq: 17 Jul 2015 20:55

Instrument :

BNA_F

ClientSampleId :

PB84565BS

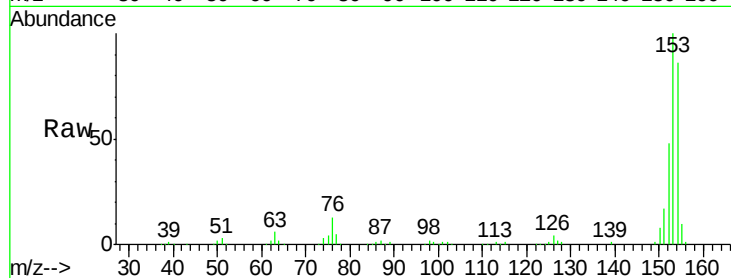
Tot Ion:154 Resp: 228720

Ion Ratio Lower Upper

154 100

153 116.1 92.3 138.5

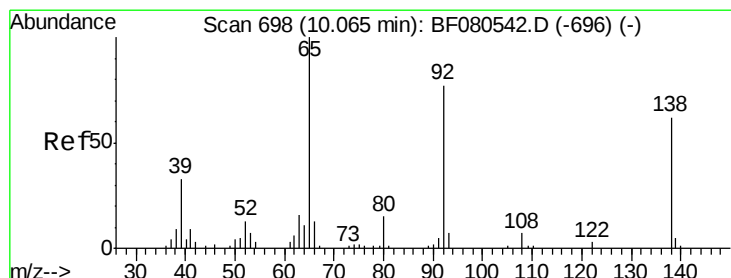
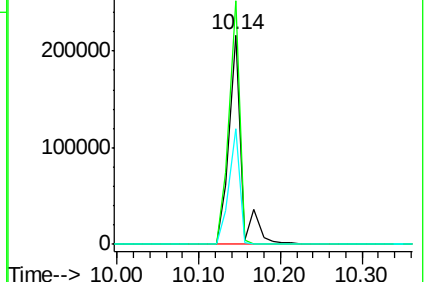
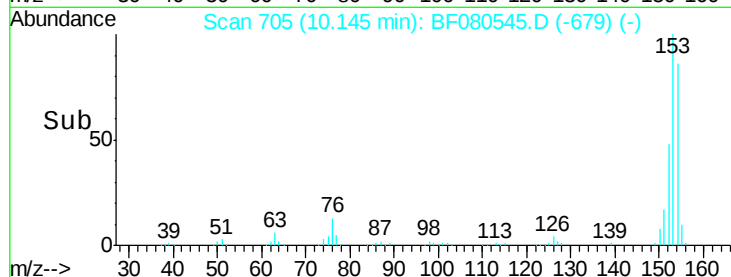
152 55.4 43.4 65.2



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: 36.38 ng

RT: 10.08 min Scan# 699

Delta R.T. 0.01 min

Lab File: BF080545.D

Acq: 17 Jul 2015 20:55

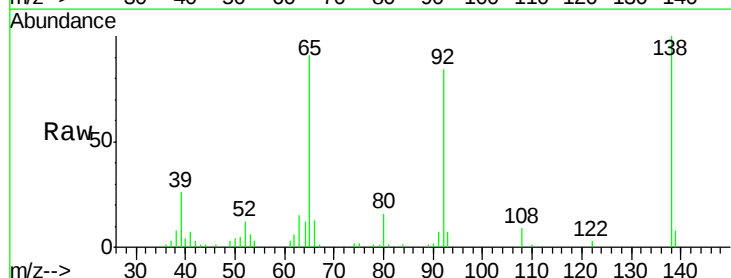
Tgt Ion:138 Resp: 45258

Ion Ratio Lower Upper

138 100

108 8.9 8.6 12.8

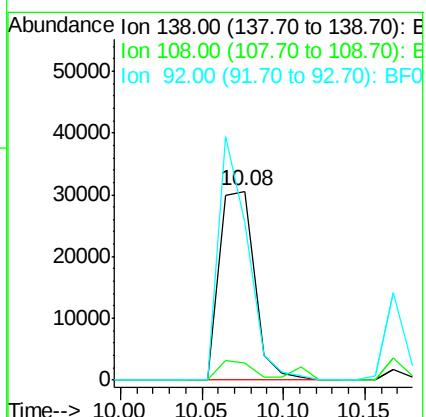
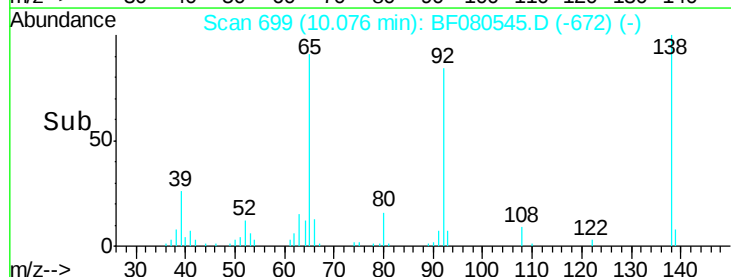
92 83.5 99.7 149.5#

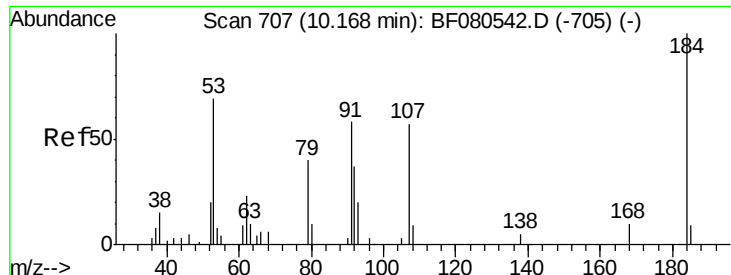


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

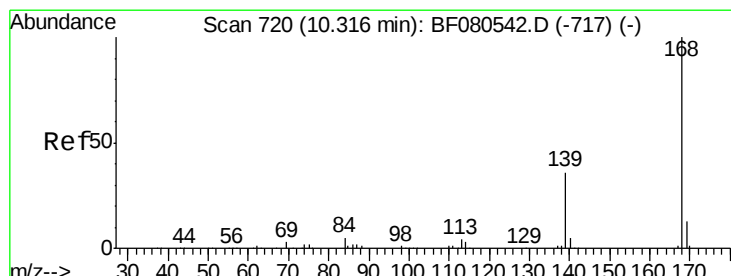
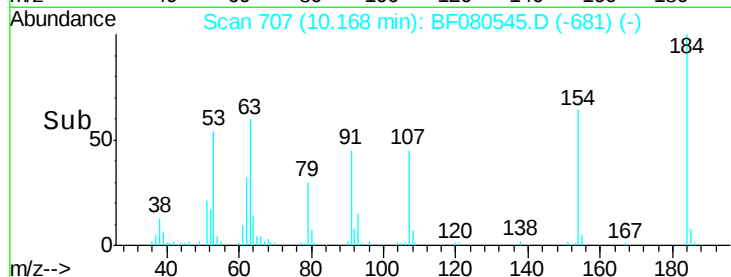
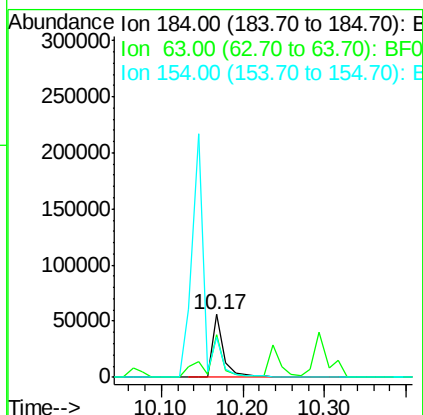
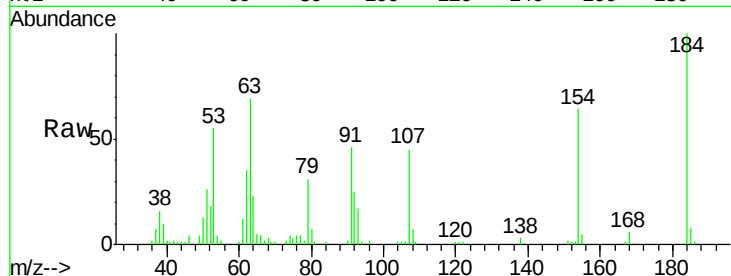




#53
2,4-Dinitrophenol
Concen: 84.78 ng
RT: 10.17 min Scan# 707
Delta R.T. 0.00 min
Lab File: BF080545.D
Acq: 17 Jul 2015 20:55

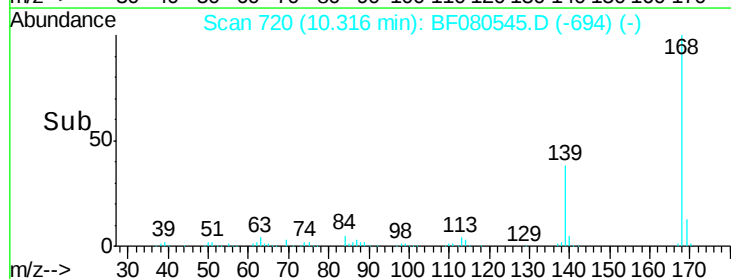
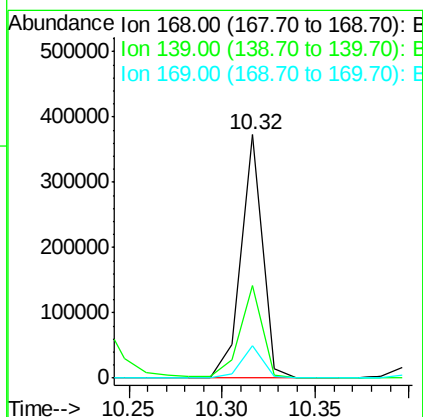
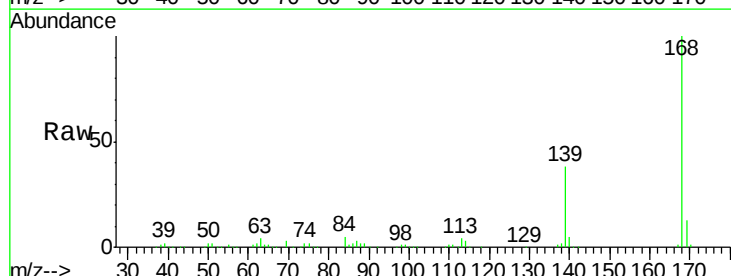
Instrument :
BNA_F
ClientSampleId :
PB84565BS

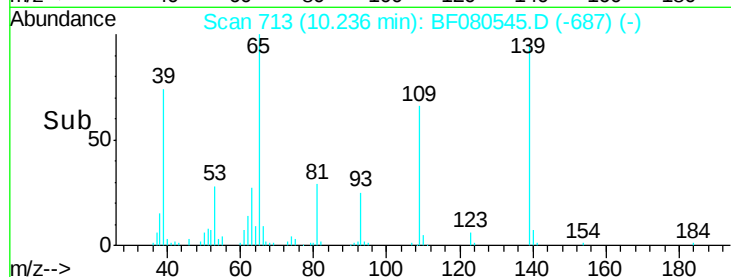
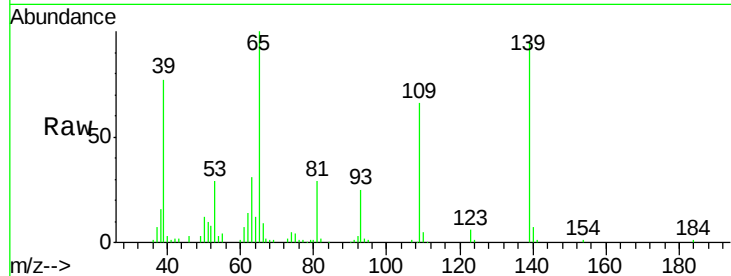
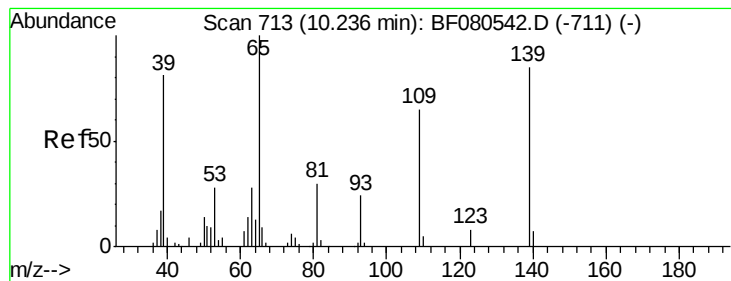
Tot Ion:184 Resp: 56247
Ion Ratio Lower Upper
184 100
63 68.8 74.8 112.2#
154 63.6 55.6 83.4



#54
Dibenzofuran
Concen: 41.14 ng
RT: 10.32 min Scan# 720
Delta R.T. -0.00 min
Lab File: BF080545.D
Acq: 17 Jul 2015 20:55

Tgt Ion:168 Resp: 302584
Ion Ratio Lower Upper
168 100
139 38.1 29.0 43.4
169 13.4 10.6 15.8





#55

4-Nitrophenol

Concen: 84.17 ng

RT: 10.24 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF080545.D

Acq: 17 Jul 2015 20:55

Instrument :

BNA_F

ClientSampleId :

PB84565BS

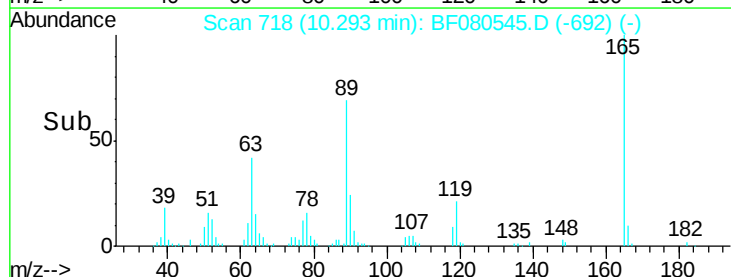
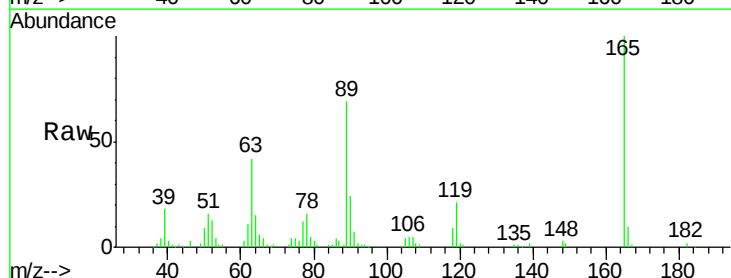
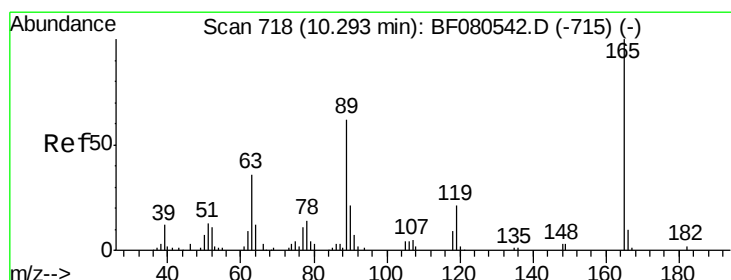
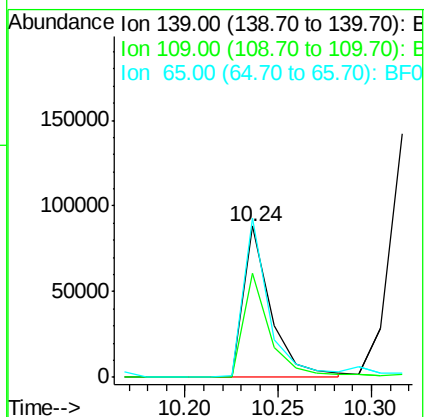
Tot Ion:139 Resp: 91263

Ion Ratio Lower Upper

139 100

109 68.9 56.0 96.0

65 105.1 97.3 137.3



#56

2,4-Dinitrotoluene

Concen: 44.05 ng

RT: 10.29 min Scan# 718

Delta R.T. 0.00 min

Lab File: BF080545.D

Acq: 17 Jul 2015 20:55

Tgt Ion:165 Resp: 74996

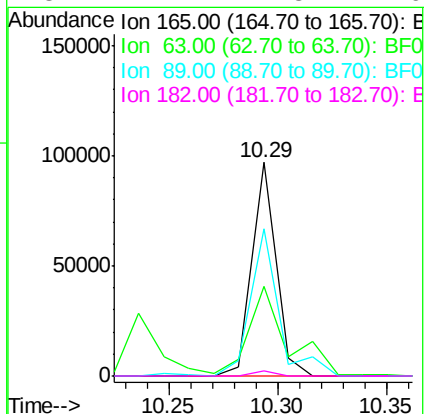
Ion Ratio Lower Upper

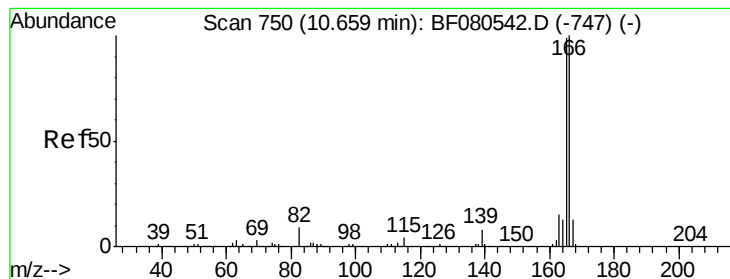
165 100

63 41.9 30.2 45.4

89 69.1 49.9 74.9

182 2.2 1.8 2.6





#57

Fluorene

Concen: 40.74 ng

RT: 10.66 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF080545.D

Acq: 17 Jul 2015 20:55

Instrument :

BNA_F

ClientSampleId :

PB84565BS

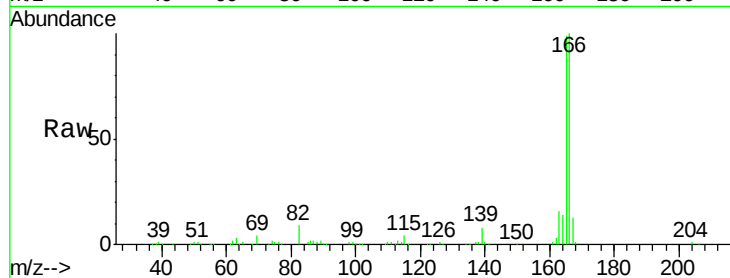
Tot Ion:166 Resp: 237470

Ion Ratio Lower Upper

166 100

165 99.0 79.0 118.4

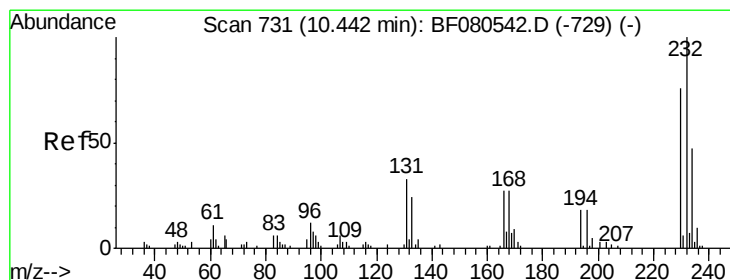
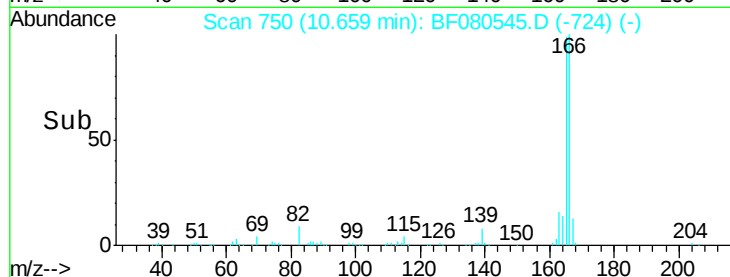
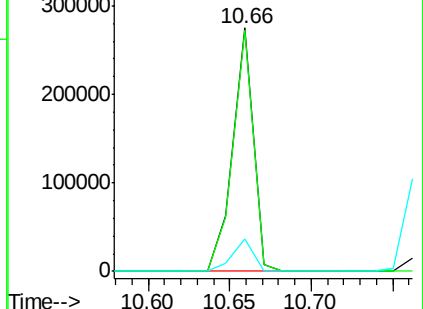
167 13.1 10.1 15.1



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: 46.36 ng

RT: 10.44 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF080545.D

Acq: 17 Jul 2015 20:55

Tgt Ion:232 Resp: 53812

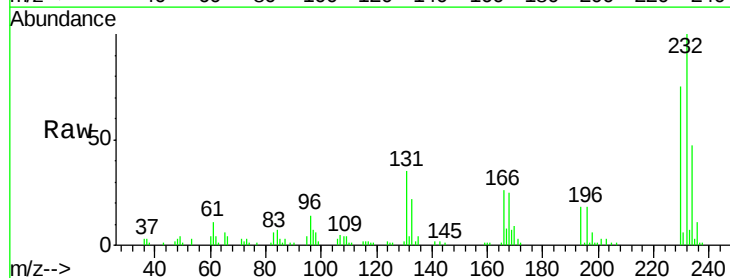
Ion Ratio Lower Upper

232 100

131 48.6 42.7 64.1

130 2.7 1.8 2.6#

166 31.5 27.6 41.4

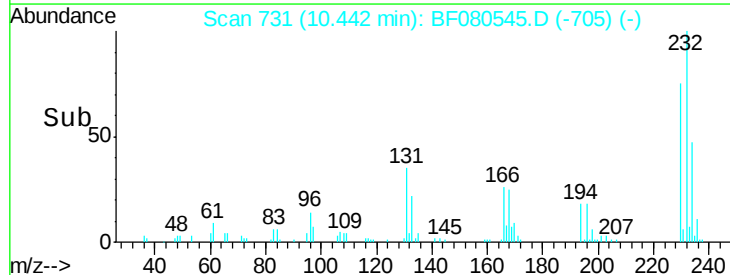
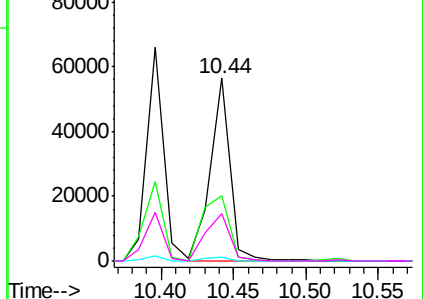


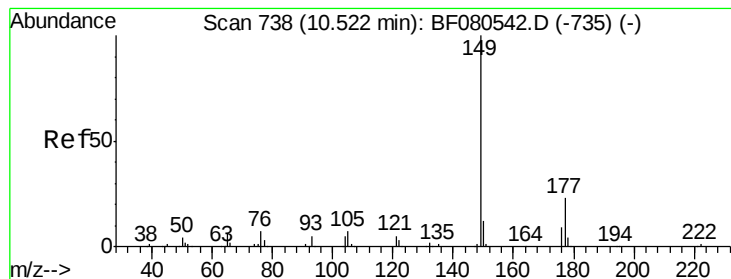
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 44.52 ng

RT: 10.52 min Scan# 738

Delta R.T. -0.00 min

Lab File: BF080545.D

Acq: 17 Jul 2015 20:55

Instrument :

BNA_F

ClientSampleId :

PB84565BS

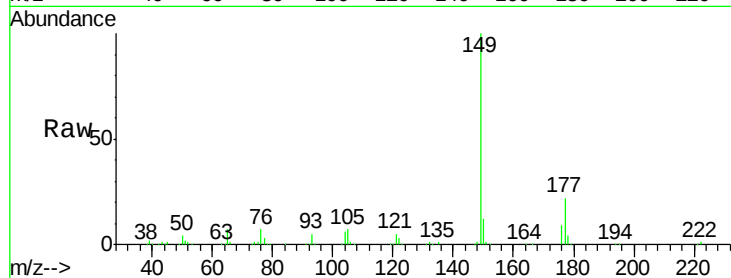
Tot Ion:149 Resp: 239019

Ion Ratio Lower Upper

149 100

177 22.3 18.4 27.6

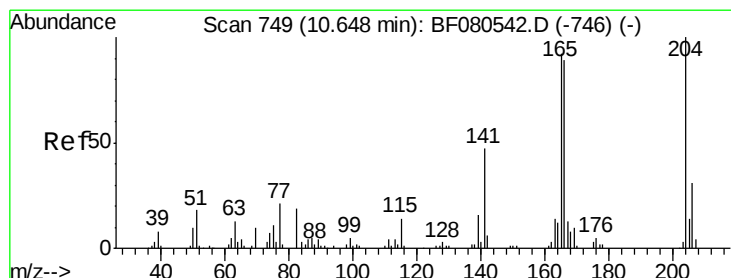
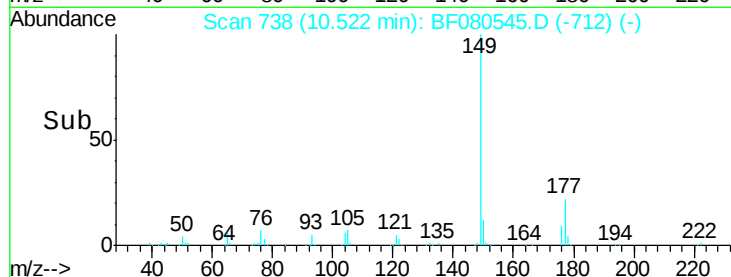
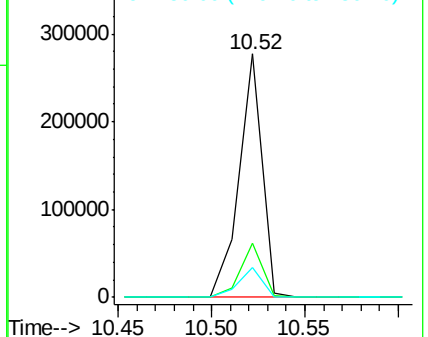
150 12.3 9.6 14.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 40.35 ng

RT: 10.65 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF080545.D

Acq: 17 Jul 2015 20:55

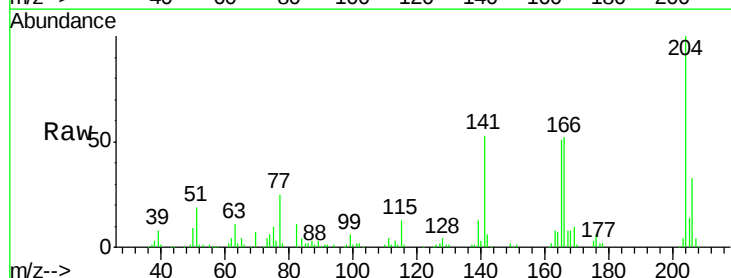
Tgt Ion:204 Resp: 105355

Ion Ratio Lower Upper

204 100

206 33.0 24.9 37.3

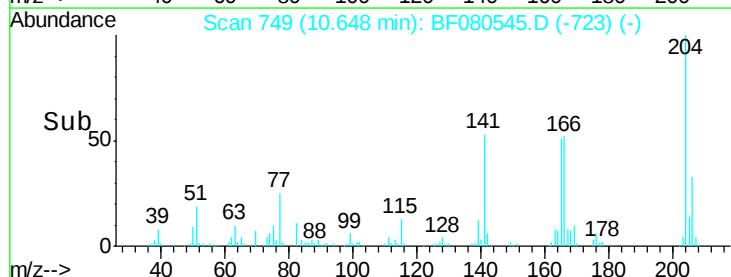
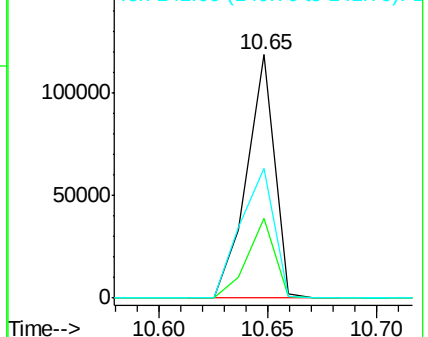
141 53.4 37.9 56.9

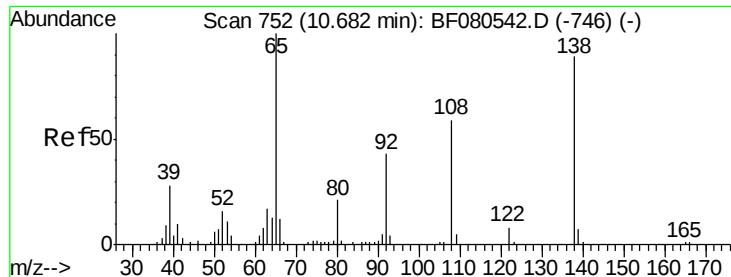


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

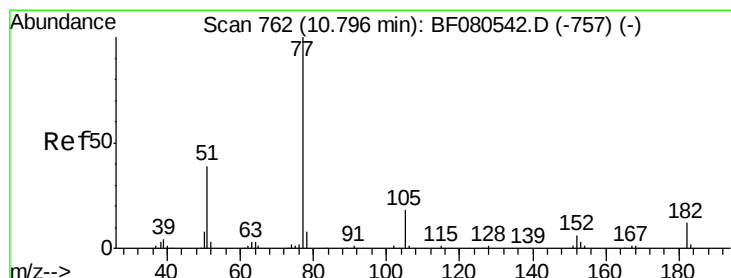
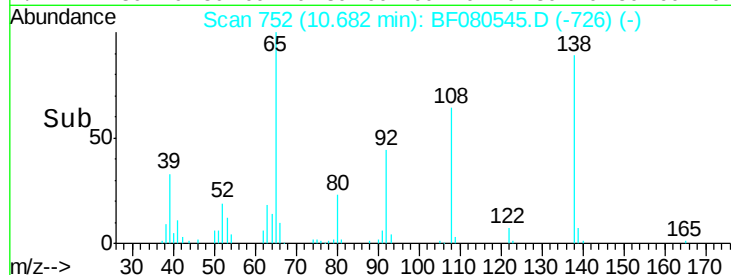
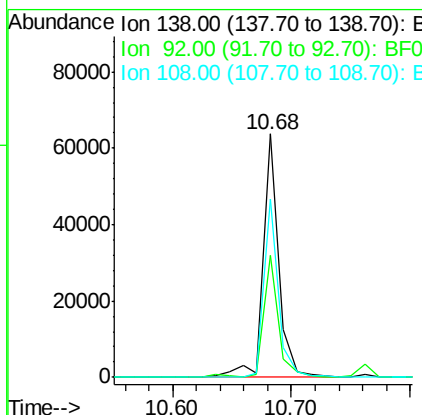
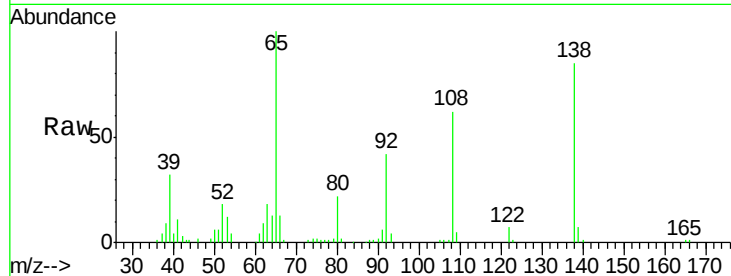




#61
4-Nitroaniline
Concen: 42.65 ng
RT: 10.68 min Scan# 752
Delta R.T. 0.00 min
Lab File: BF080545.D
Acq: 17 Jul 2015 20:55

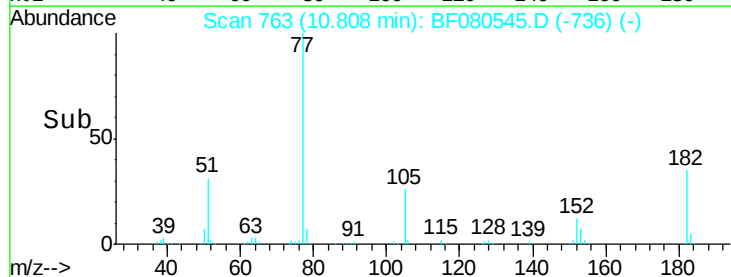
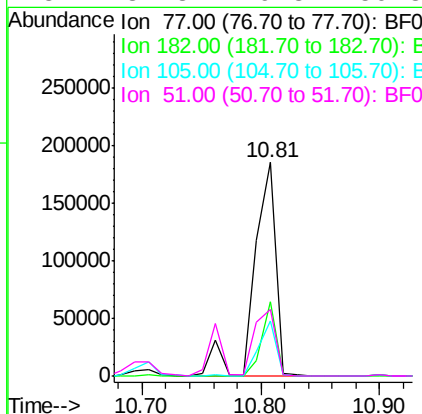
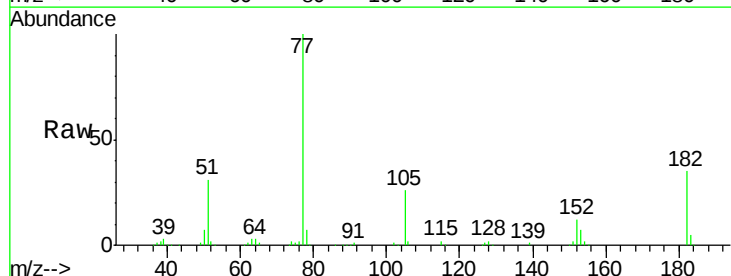
Instrument :
BNA_F
ClientSampleId :
PB84565BS

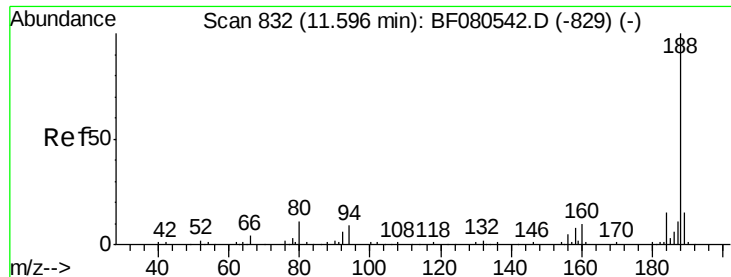
Tot Ion:138 Resp: 58193
Ion Ratio Lower Upper
138 100
92 49.9 28.9 68.9
108 73.3 46.9 86.9



#62
Azobenzene
Concen: 43.39 ng
RT: 10.81 min Scan# 763
Delta R.T. 0.01 min
Lab File: BF080545.D
Acq: 17 Jul 2015 20:55

Tgt Ion: 77 Resp: 234426
Ion Ratio Lower Upper
77 100
182 35.0 0.0 31.9#
105 25.7 0.0 38.0
51 31.3 19.8 59.8

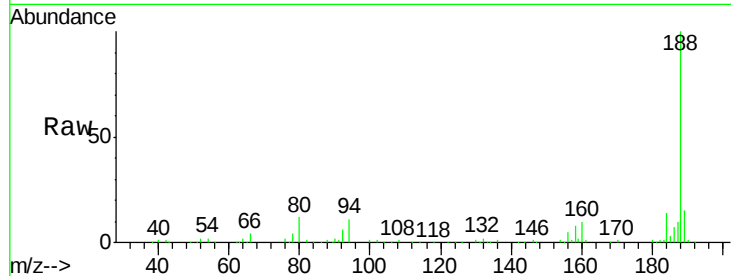




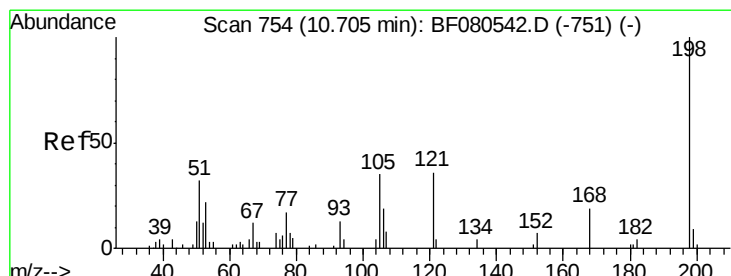
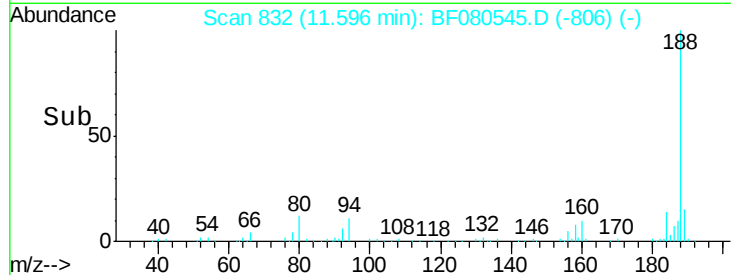
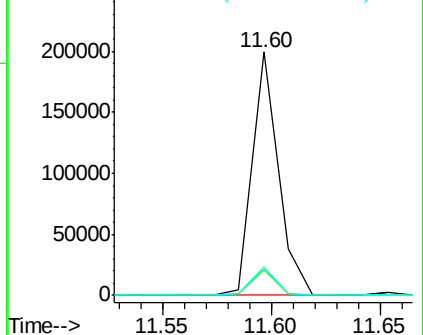
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.60 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF080545.D
Acq: 17 Jul 2015 20:55

Instrument :
BNA_F
ClientSampleId :
PB84565BS

Tot Ion:188 Resp: 166798
Ion Ratio Lower Upper
188 100
94 10.9 7.6 11.4
80 11.7 8.6 12.8

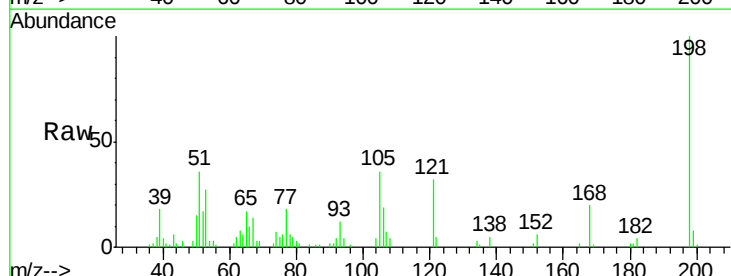


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

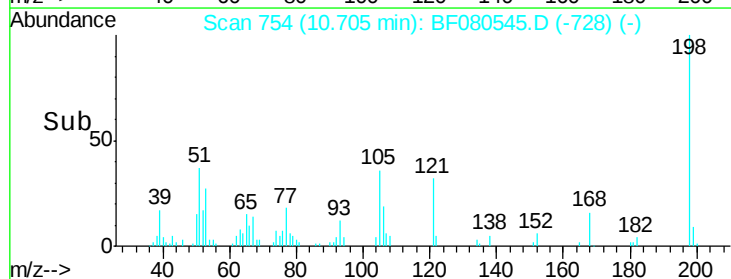
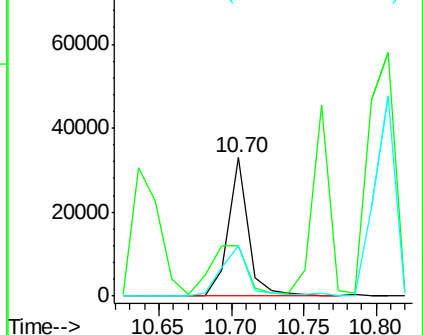


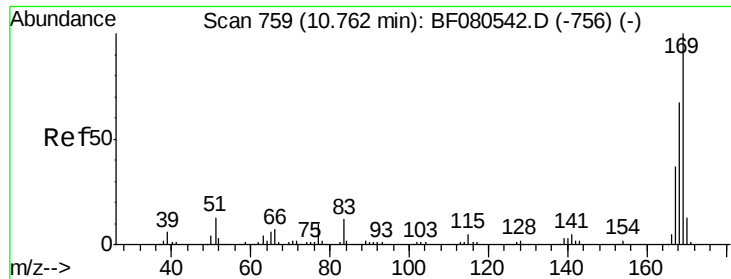
#64
4,6-Dinitro-2-methylphenol
Concen: 41.86 ng
RT: 10.70 min Scan# 754
Delta R.T. 0.00 min
Lab File: BF080545.D
Acq: 17 Jul 2015 20:55

Tgt Ion:198 Resp: 31525
Ion Ratio Lower Upper
198 100
51 36.2 16.0 56.0
105 36.1 15.1 55.1



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 39.82 ng

RT: 10.76 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF080545.D

Acq: 17 Jul 2015 20:55

Instrument :

BNA_F

ClientSampleId :

PB84565BS

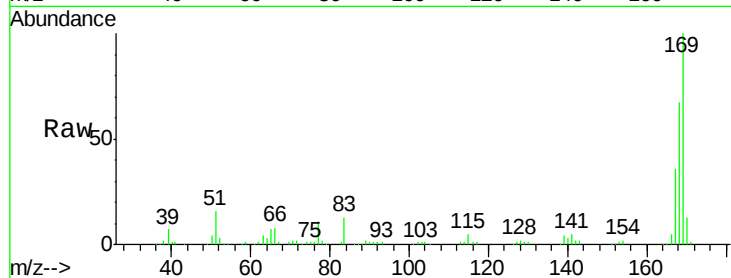
Tot Ion:169 Resp: 218822

Ion Ratio Lower Upper

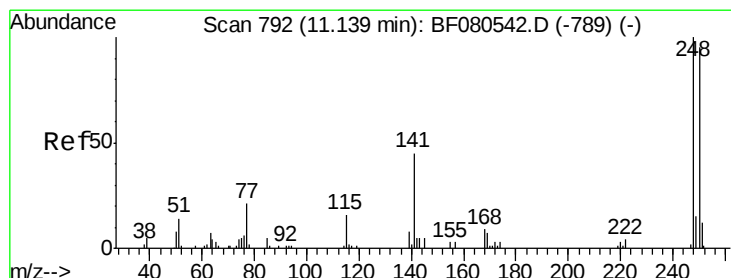
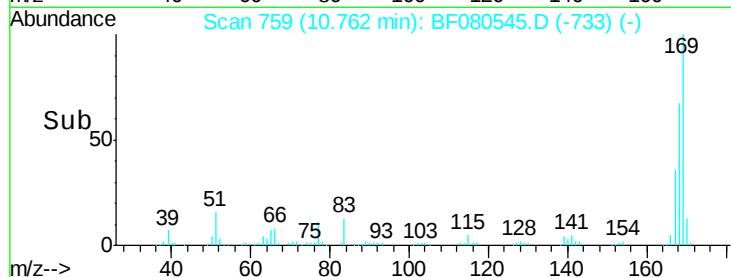
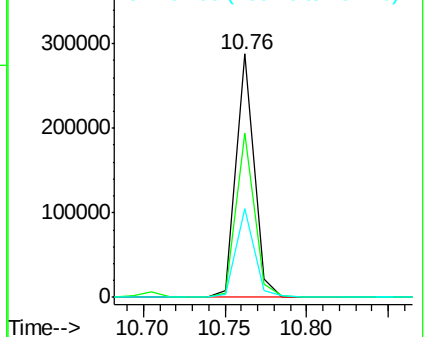
169 100

168 67.3 53.3 79.9

167 36.3 29.3 43.9



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: 38.14 ng

RT: 11.14 min Scan# 792

Delta R.T. -0.00 min

Lab File: BF080545.D

Acq: 17 Jul 2015 20:55

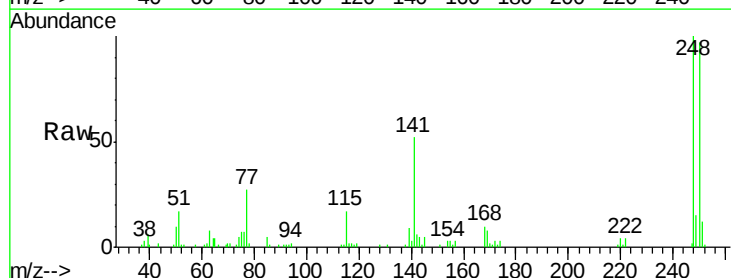
Tgt Ion:248 Resp: 58323

Ion Ratio Lower Upper

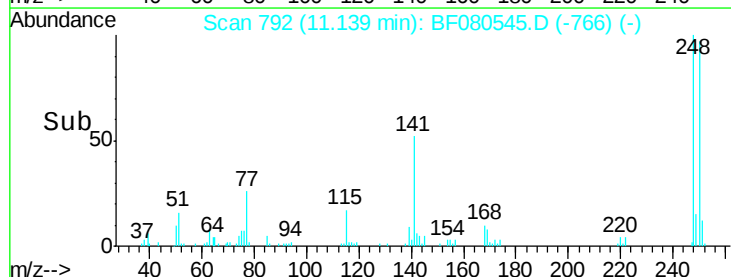
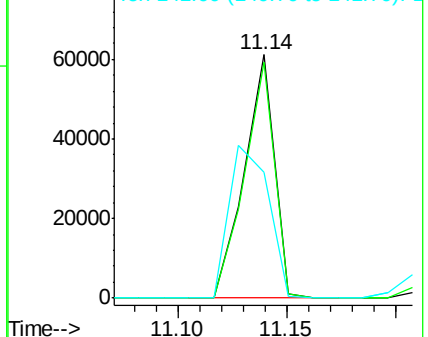
248 100

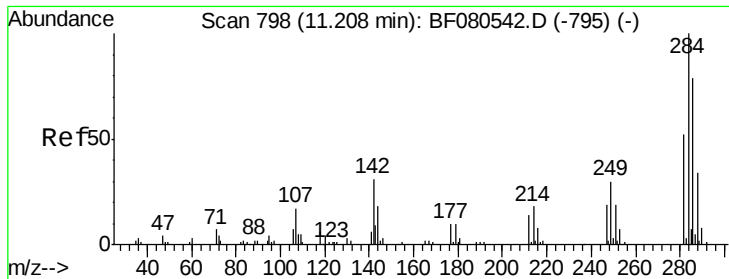
250 97.1 76.4 114.6

141 51.8 36.0 54.0



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

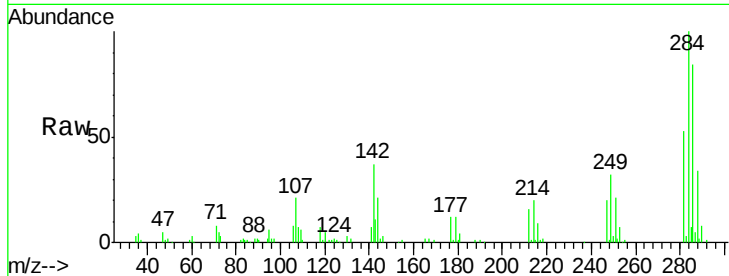




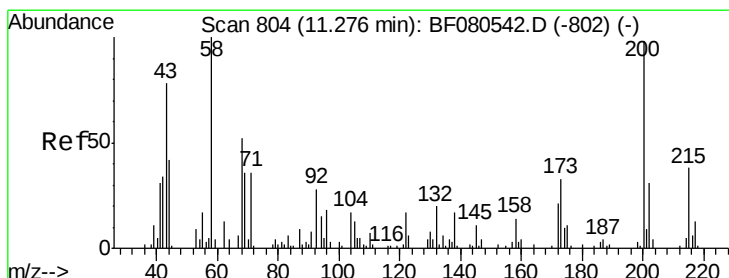
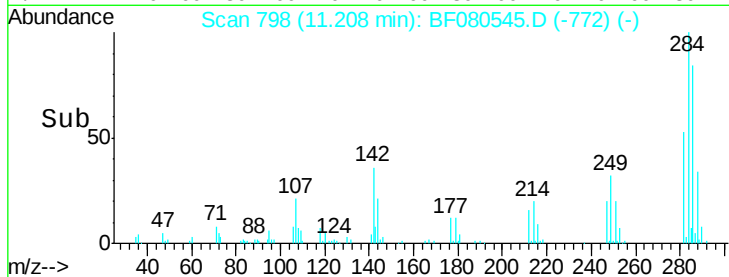
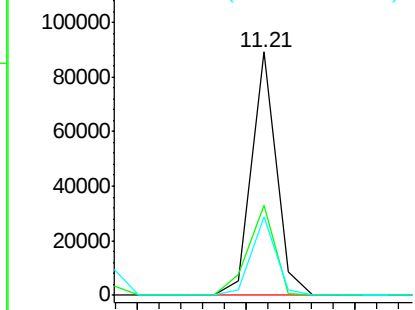
#67
Hexachlorobenzene
Concen: 38.03 ng
RT: 11.21 min Scan# 798
Delta R.T. -0.00 min
Lab File: BF080545.D
Acq: 17 Jul 2015 20:55

Instrument :
BNA_F
ClientSampleId :
PB84565BS

Tot Ion:284 Resp: 70519
Ion Ratio Lower Upper
284 100
142 36.9 24.8 37.2
249 32.0 24.2 36.2

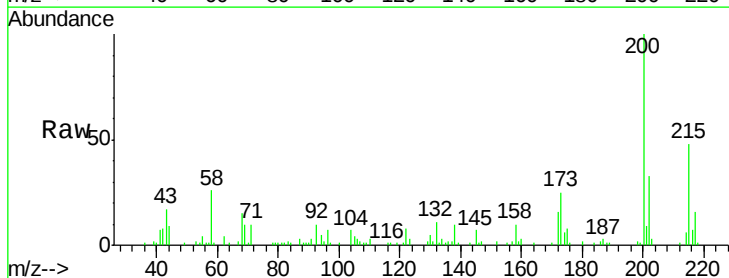


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

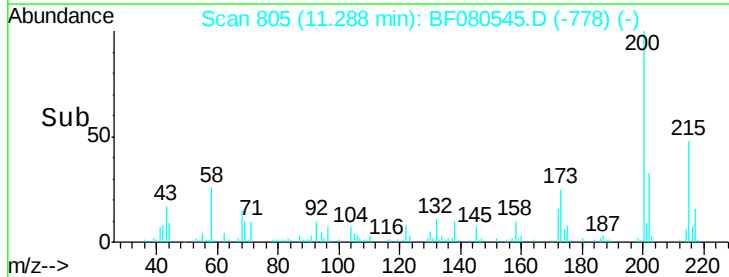
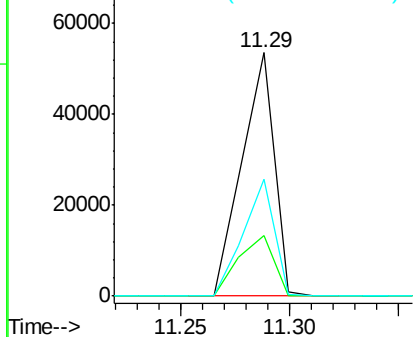


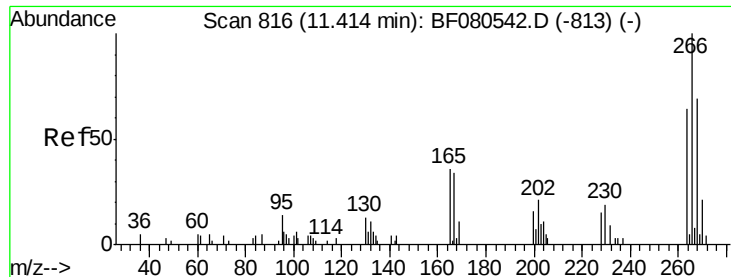
#68
Atrazine
Concen: 42.48 ng
RT: 11.29 min Scan# 805
Delta R.T. 0.01 min
Lab File: BF080545.D
Acq: 17 Jul 2015 20:55

Tgt Ion:200 Resp: 55243
Ion Ratio Lower Upper
200 100
173 25.0 13.2 53.2
215 48.1 18.7 58.7



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

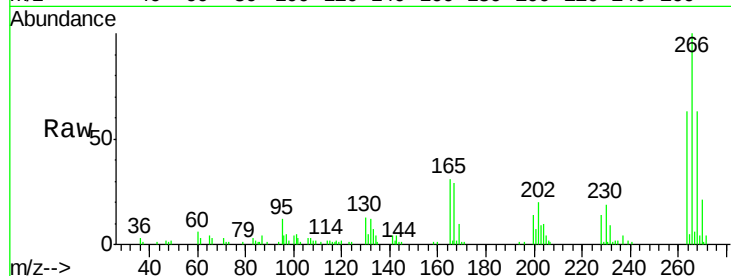




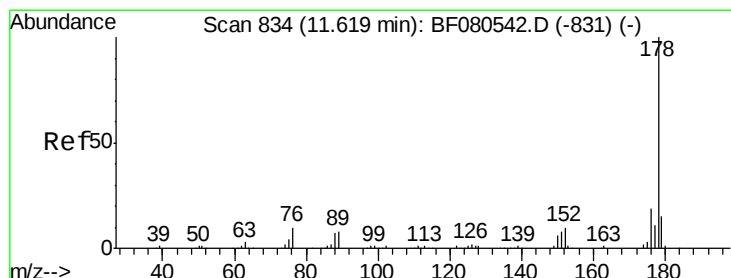
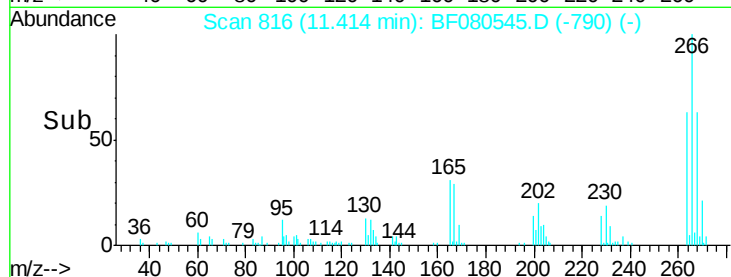
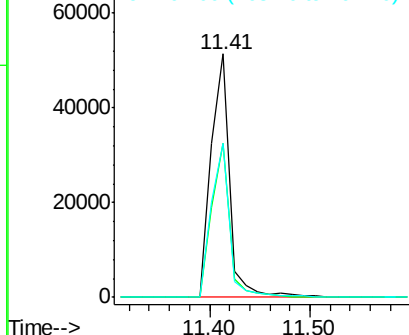
#69
 Pentachlorophenol
 Concen: 70.12 ng
 RT: 11.41 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF080545.D
 Acq: 17 Jul 2015 20:55

Instrument :
 BNA_F
 ClientSampleId :
 PB84565BS

Tot Ion:266 Resp: 65673
 Ion Ratio Lower Upper
 266 100
 268 63.3 55.0 82.6
 264 63.1 51.4 77.0

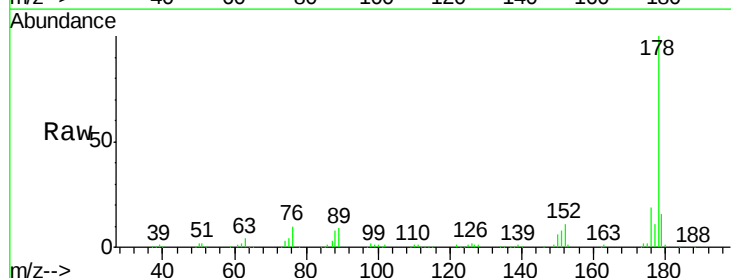


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

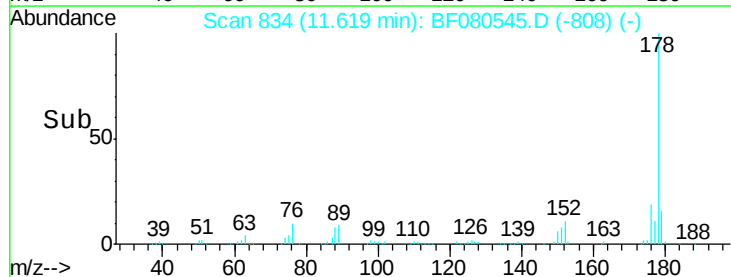
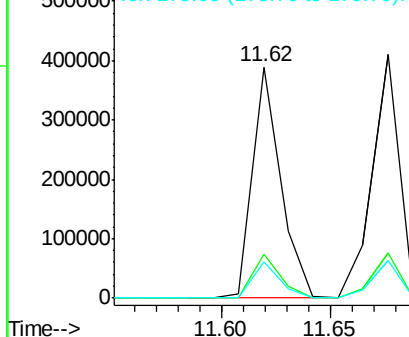


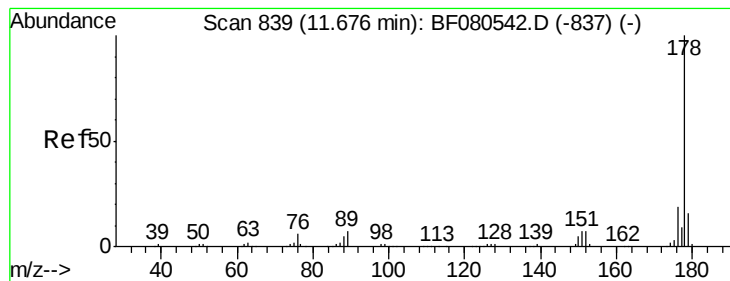
#70
 Phenanthrene
 Concen: 38.79 ng
 RT: 11.62 min Scan# 834
 Delta R.T. -0.00 min
 Lab File: BF080545.D
 Acq: 17 Jul 2015 20:55

Tgt Ion:178 Resp: 352527
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.1 22.7
 179 15.6 12.0 18.0



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: 40.80 ng

RT: 11.68 min Scan# 839

Delta R.T. -0.00 min

Lab File: BF080545.D

Acq: 17 Jul 2015 20:55

Instrument :

BNA_F

ClientSampleId :

PB84565BS

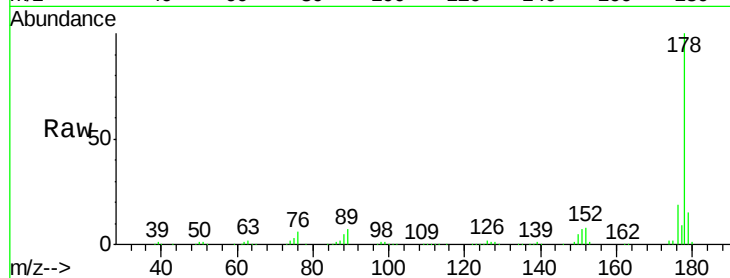
Tot Ion:178 Resp: 360169

Ion Ratio Lower Upper

178 100

176 18.7 15.4 23.2

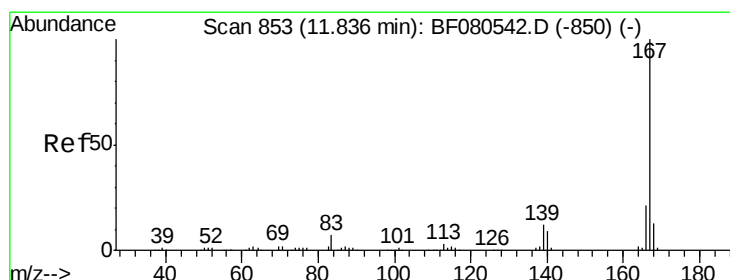
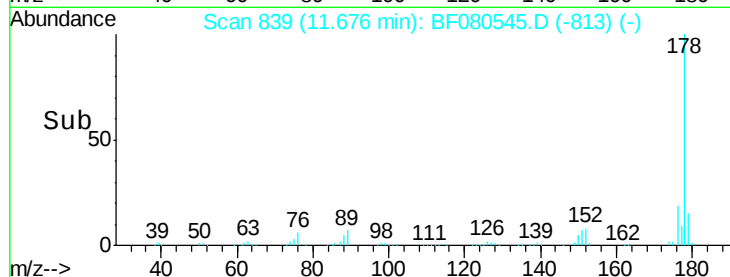
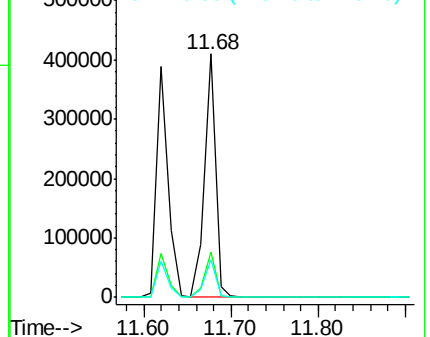
179 15.2 12.4 18.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 41.63 ng

RT: 11.84 min Scan# 853

Delta R.T. -0.00 min

Lab File: BF080545.D

Acq: 17 Jul 2015 20:55

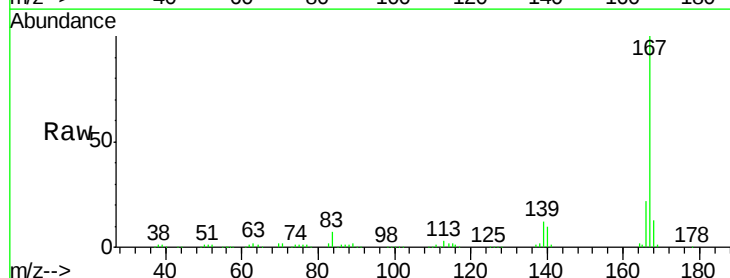
Tgt Ion:167 Resp: 329213

Ion Ratio Lower Upper

167 100

166 21.8 17.1 25.7

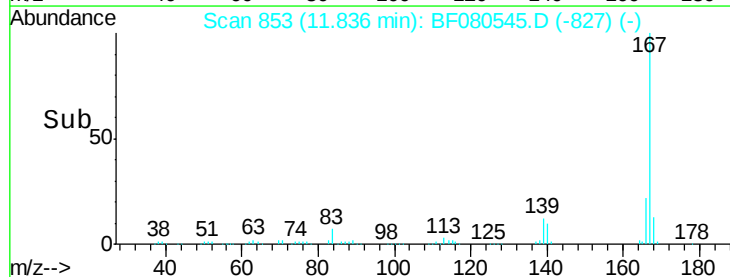
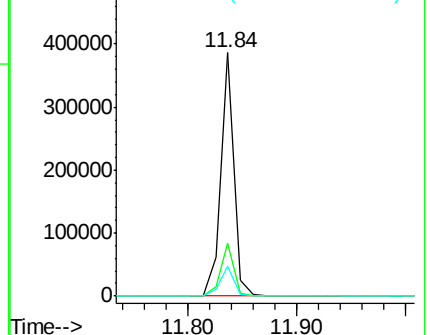
139 12.3 9.8 14.8

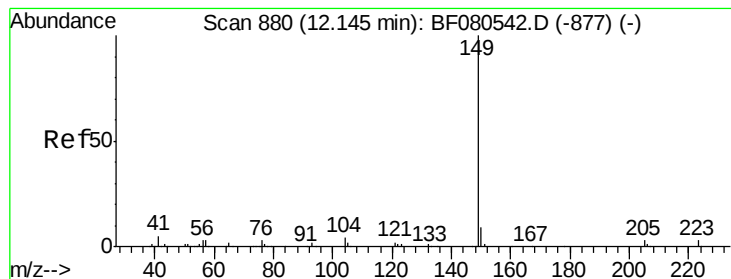


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 43.94 ng

RT: 12.15 min Scan# 880

Delta R.T. 0.00 min

Lab File: BF080545.D

Acq: 17 Jul 2015 20:55

Instrument :

BNA_F

ClientSampleId :

PB84565BS

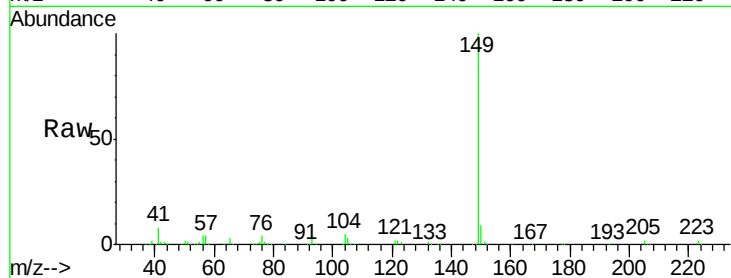
Tot Ion:149 Resp: 362095

Ion Ratio Lower Upper

149 100

150 8.9 7.1 10.7

104 4.6 3.1 4.7



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

12.15

600000

500000

400000

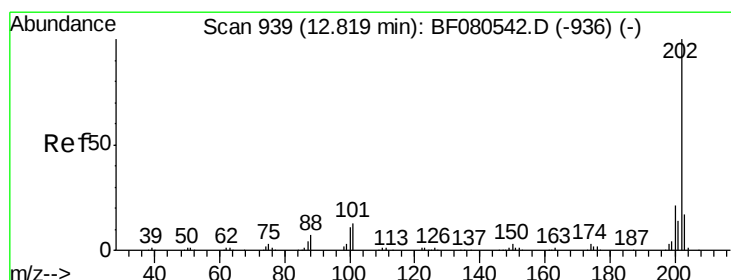
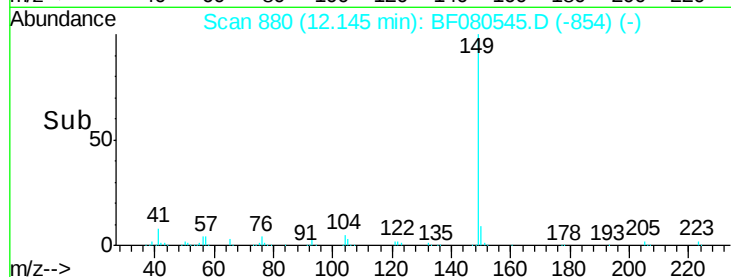
300000

200000

100000

0

Time-->



#74

Fluoranthene

Concen: 41.68 ng

RT: 12.84 min Scan# 941

Delta R.T. 0.02 min

Lab File: BF080545.D

Acq: 17 Jul 2015 20:55

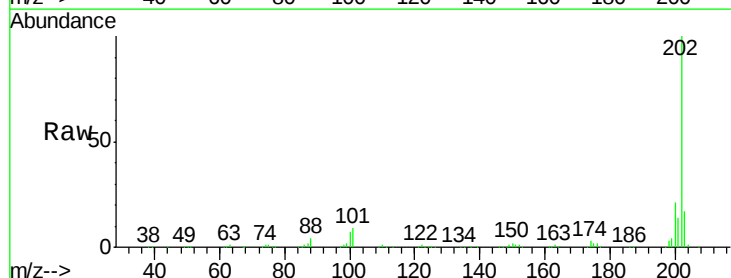
Tgt Ion:202 Resp: 354122

Ion Ratio Lower Upper

202 100

101 8.9 0.0 32.9

203 17.4 0.0 37.3



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

12.84

500000

400000

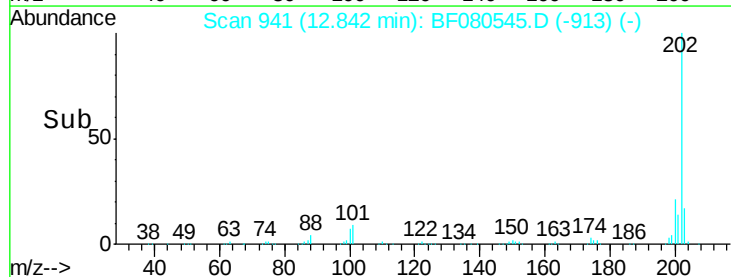
300000

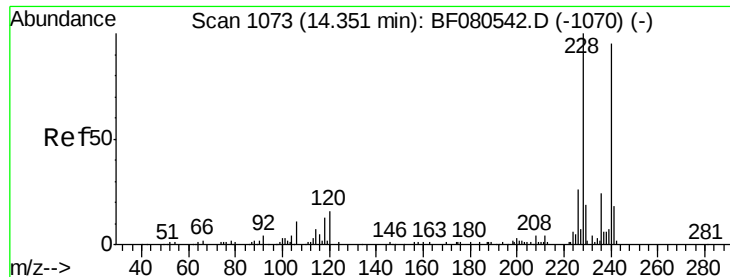
200000

100000

0

Time-->





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.43 min Scan# 1080

Delta R.T. 0.08 min

Lab File: BF080545.D

Acq: 17 Jul 2015 20:55

Instrument :

BNA_F

ClientSampleId :

PB84565BS

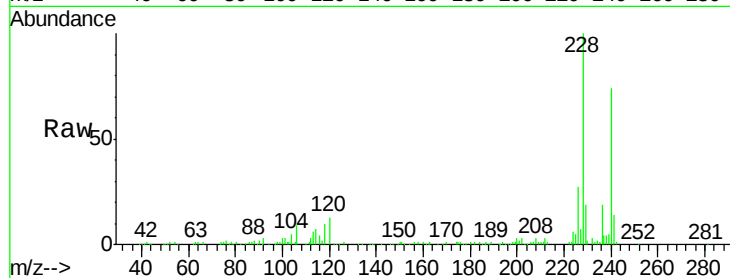
Tot Ion:240 Resp: 160267

Ion Ratio Lower Upper

240 100

120 17.0 13.6 20.4

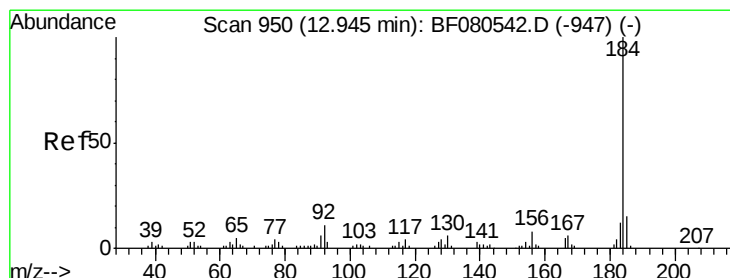
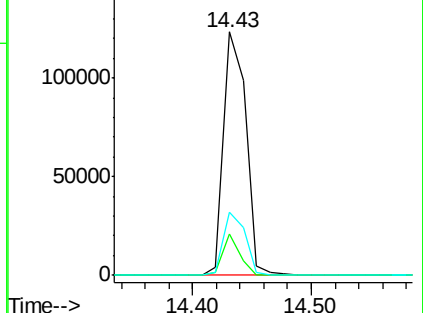
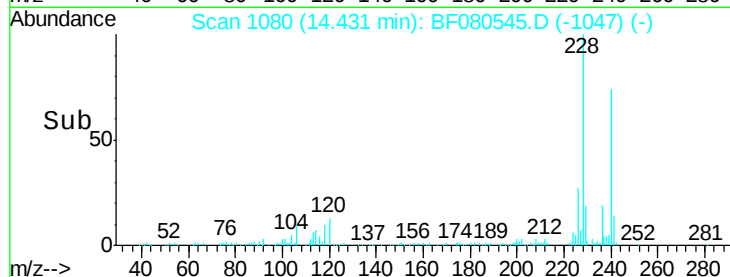
236 25.7 20.2 30.4



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: 38.90 ng

RT: 12.97 min Scan# 952

Delta R.T. 0.02 min

Lab File: BF080545.D

Acq: 17 Jul 2015 20:55

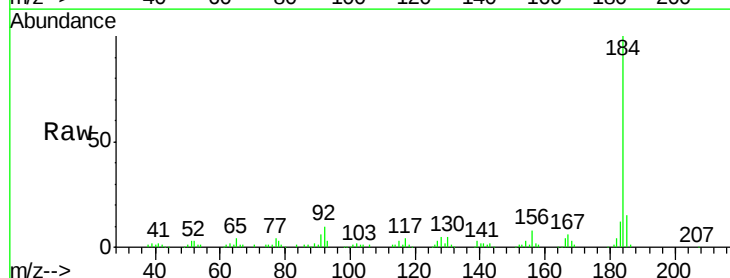
Tgt Ion:184 Resp: 166818

Ion Ratio Lower Upper

184 100

185 14.5 11.9 17.9

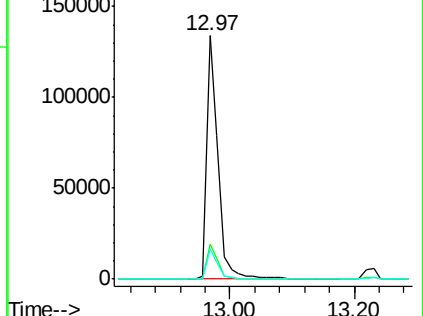
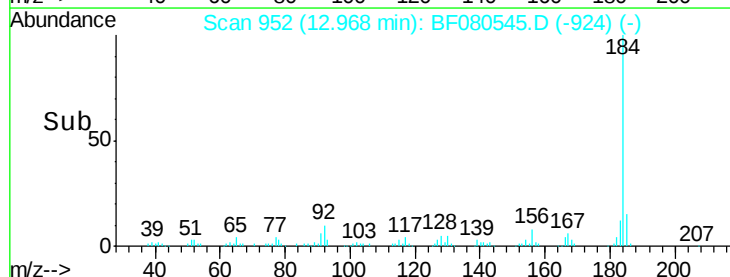
183 12.2 9.3 13.9

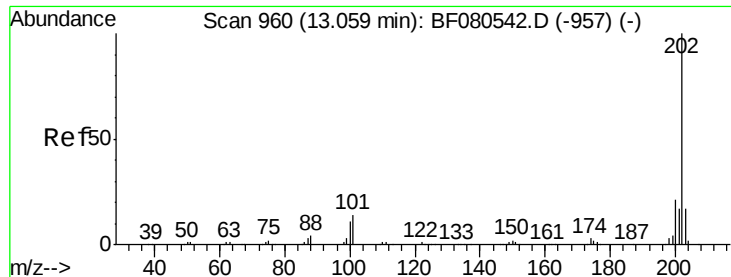


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 38.10 ng

RT: 13.08 min Scan# 962

Delta R.T. 0.02 min

Lab File: BF080545.D

Acq: 17 Jul 2015 20:55

Instrument :

BNA_F

ClientSampleId :

PB84565BS

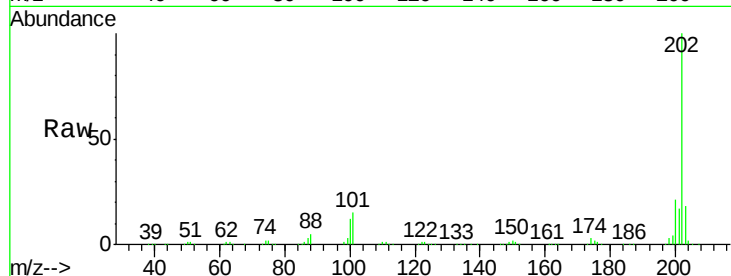
Tot Ion:202 Resp: 394101

Ion Ratio Lower Upper

202 100

200 21.3 16.7 25.1

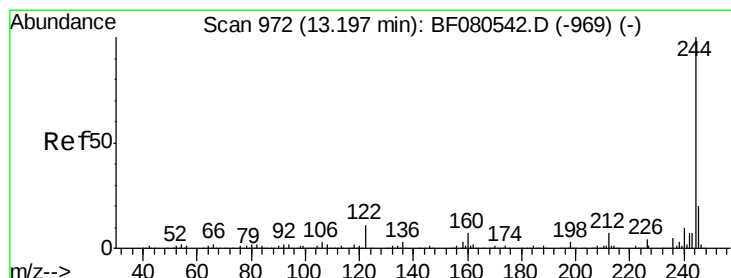
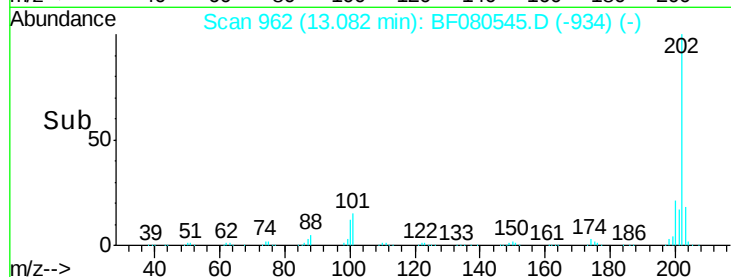
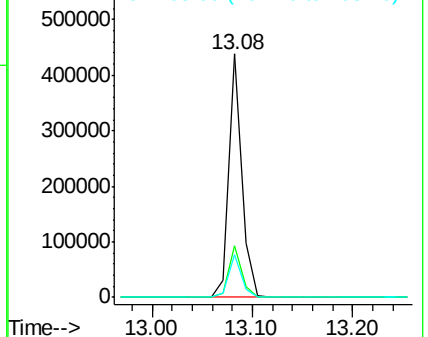
203 17.7 14.0 21.0



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: 68.72 ng

RT: 13.23 min Scan# 975

Delta R.T. 0.03 min

Lab File: BF080545.D

Acq: 17 Jul 2015 20:55

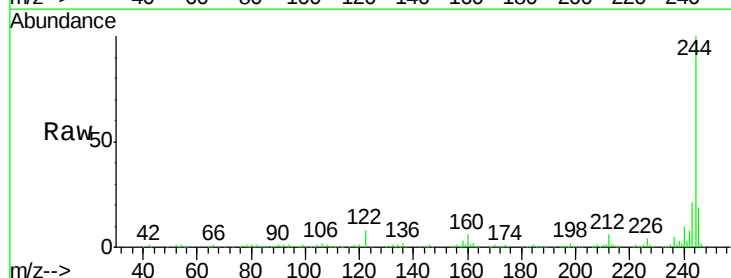
Tgt Ion:244 Resp: 493199

Ion Ratio Lower Upper

244 100

212 6.3 5.5 8.3

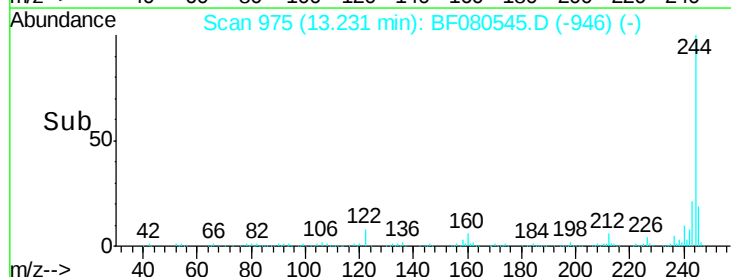
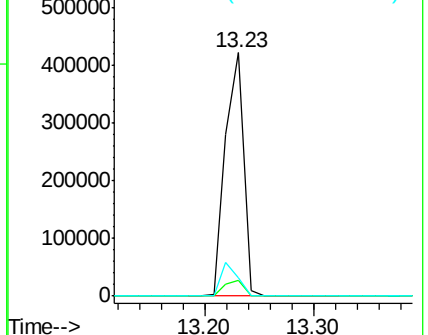
122 7.5 9.0 13.4#

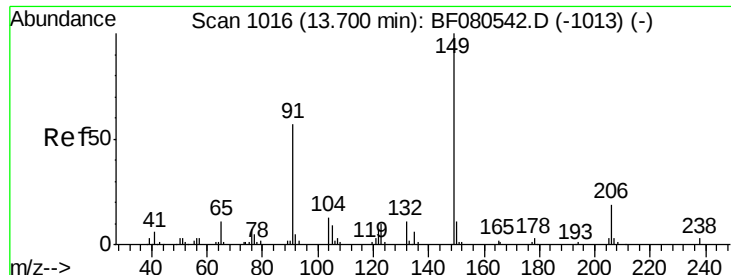


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

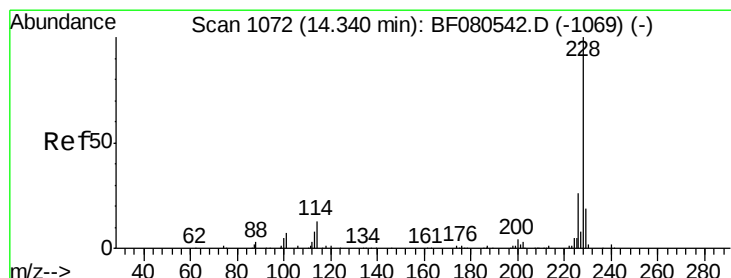
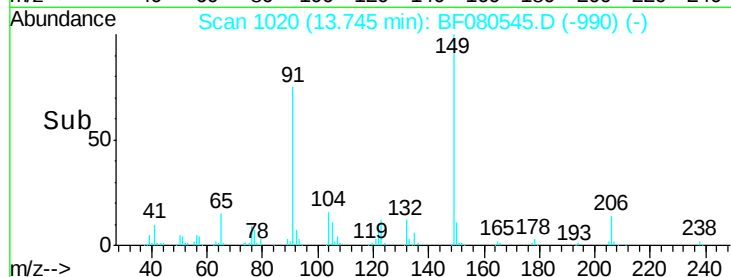
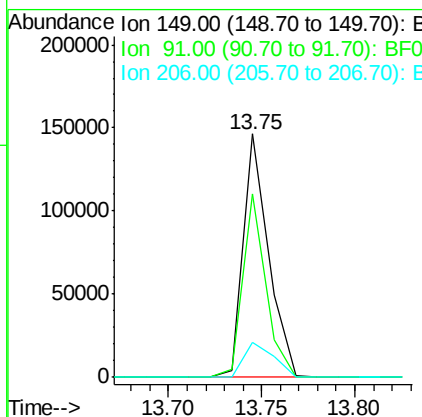
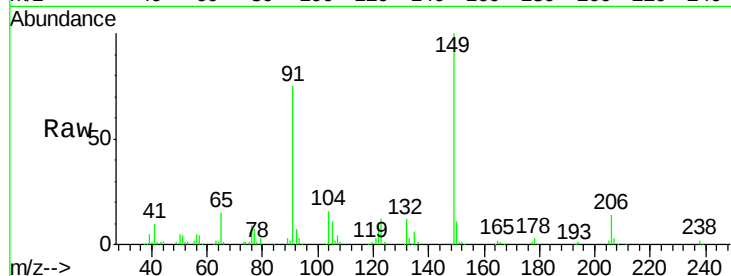




#79
 Butylbenzylphthalate
 Concen: 41.08 ng
 RT: 13.75 min Scan# 1020
 Delta R.T. 0.05 min
 Lab File: BF080545.D
 Acq: 17 Jul 2015 20:55

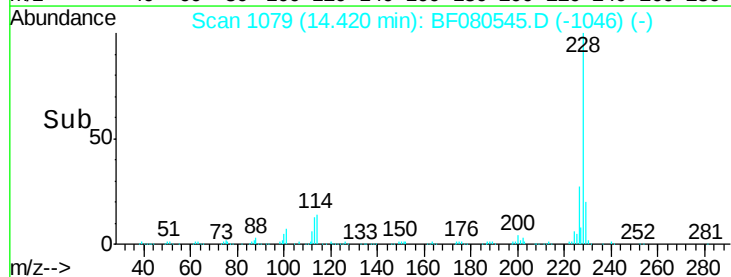
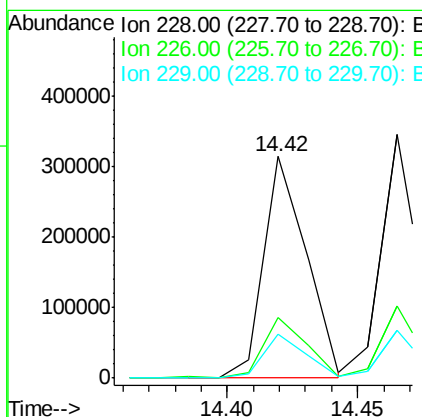
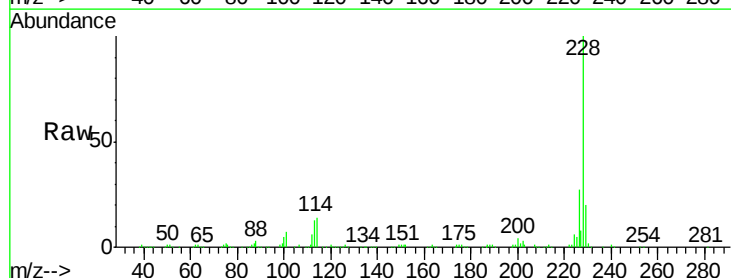
Instrument :
 BNA_F
 ClientSampleId :
 PB84565BS

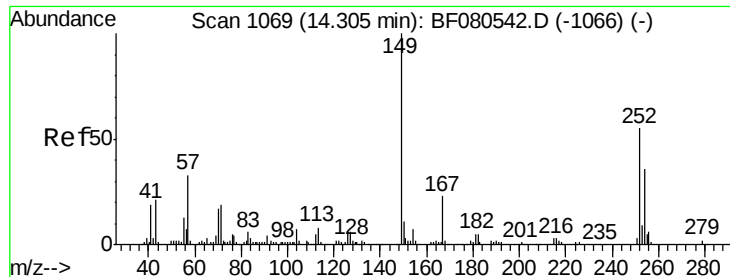
Tot Ion:	149	Resp:	137740
Ion	Ratio	Lower	Upper
149	100		
91	75.2	45.6	68.4#
206	14.2	15.1	22.7#



#80
 Benzo(a)anthracene
 Concen: 39.67 ng
 RT: 14.42 min Scan# 1079
 Delta R.T. 0.08 min
 Lab File: BF080545.D
 Acq: 17 Jul 2015 20:55

Tgt Ion:	228	Resp:	353831
Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.4	32.2
229	19.8	15.5	23.3

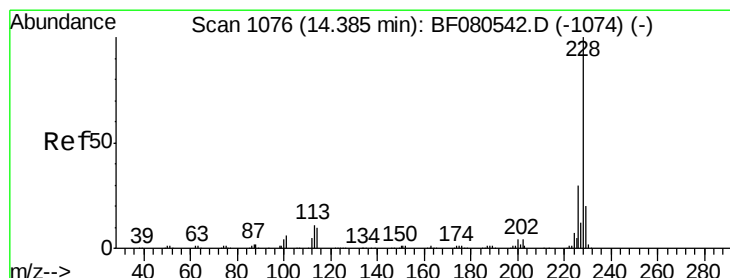
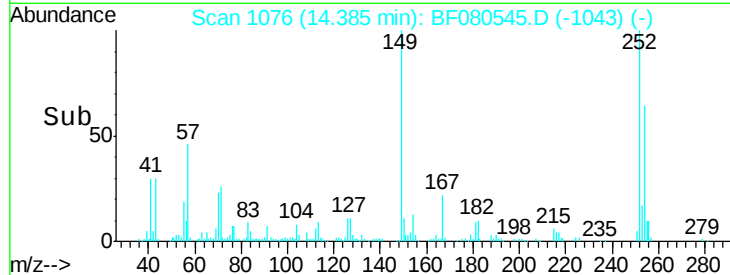
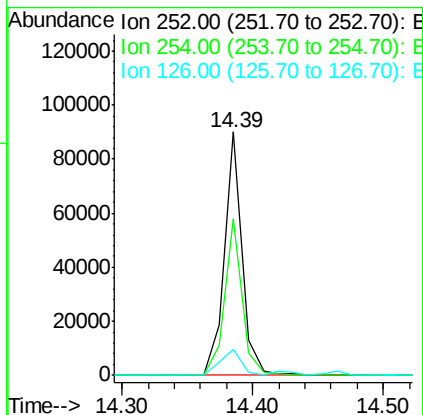
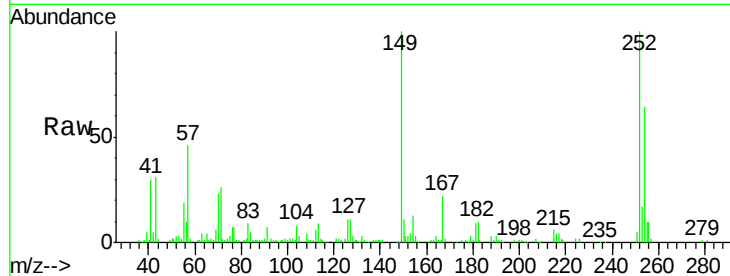




#81
 3,3'-Dichlorobenzidine
 Concen: 30.27 ng
 RT: 14.39 min Scan# 1076
 Delta R.T. 0.08 min
 Lab File: BF080545.D
 Acq: 17 Jul 2015 20:55

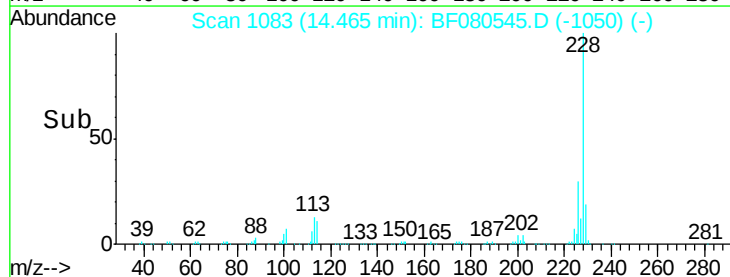
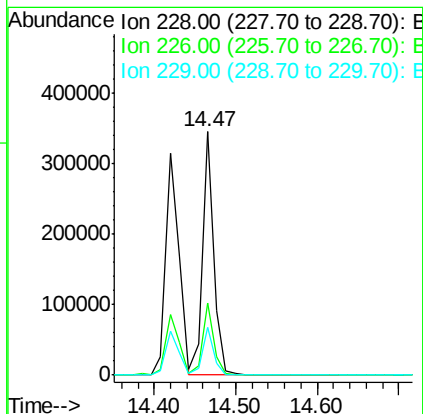
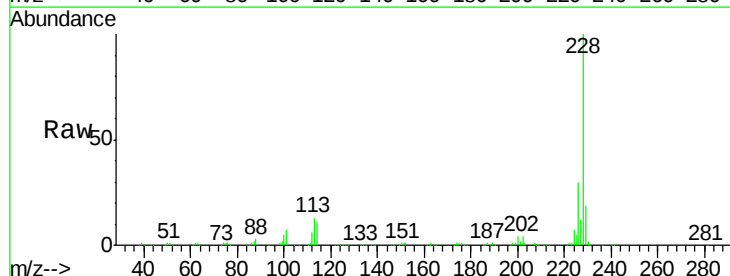
Instrument :
 BNA_F
 ClientSampleId :
 PB84565BS

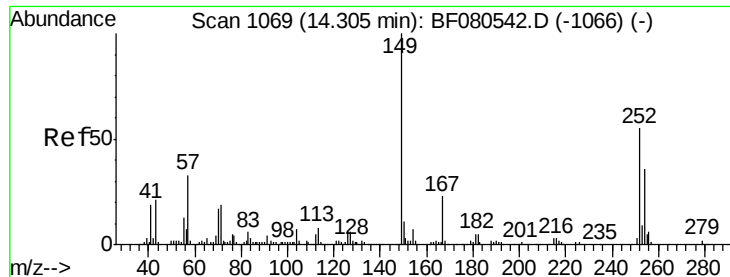
Tot Ion:252 Resp: 85294
 Ion Ratio Lower Upper
 252 100
 254 64.4 51.6 77.4
 126 10.7 8.9 13.3



#82
 Chrysene
 Concen: 38.06 ng
 RT: 14.47 min Scan# 1083
 Delta R.T. 0.08 min
 Lab File: BF080545.D
 Acq: 17 Jul 2015 20:55

Tgt Ion:228 Resp: 340168
 Ion Ratio Lower Upper
 228 100
 226 29.6 24.1 36.1
 229 19.5 15.8 23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.77 ng

RT: 14.40 min Scan# 1077

Delta R.T. 0.09 min

Lab File: BF080545.D

Acq: 17 Jul 2015 20:55

Instrument :

BNA_F

ClientSampleId :

PB84565BS

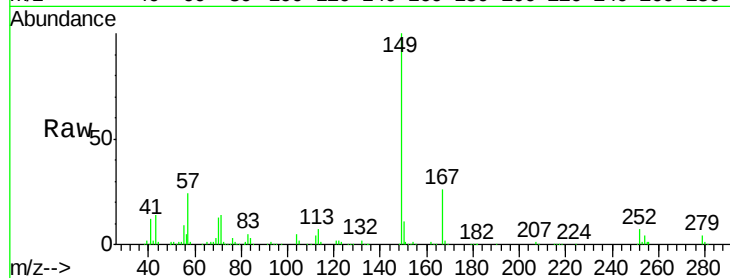
Tot Ion:149 Resp: 201233

Ion Ratio Lower Upper

149 100

167 25.9 18.6 27.8

279 3.6 1.6 2.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

250000

200000

150000

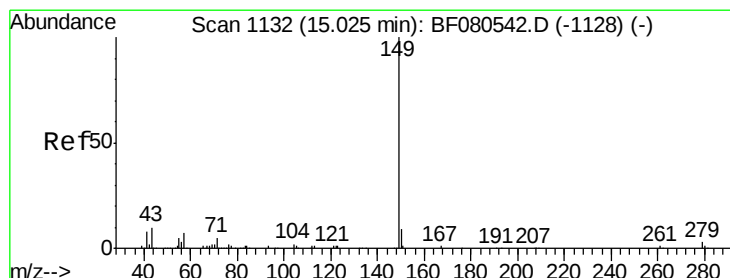
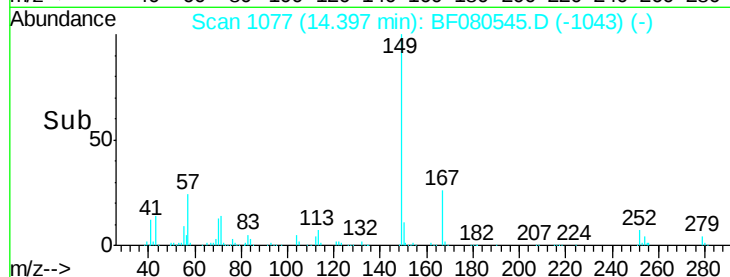
100000

50000

0

14.35 14.40 14.45

Time-->



#84

Di-n-octyl phthalate

Concen: 42.30 ng

RT: 15.15 min Scan# 1143

Delta R.T. 0.13 min

Lab File: BF080545.D

Acq: 17 Jul 2015 20:55

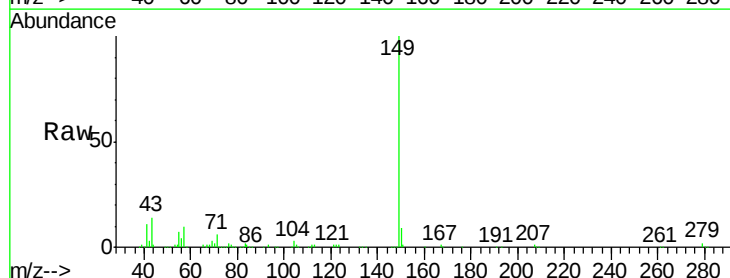
Tgt Ion:149 Resp: 313448

Ion Ratio Lower Upper

149 100

167 1.4 1.0 1.6

43 12.8 10.0 15.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

400000

300000

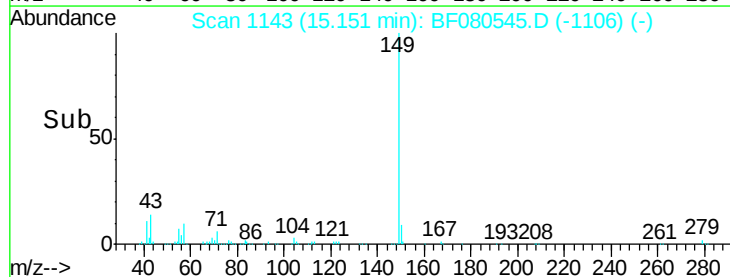
200000

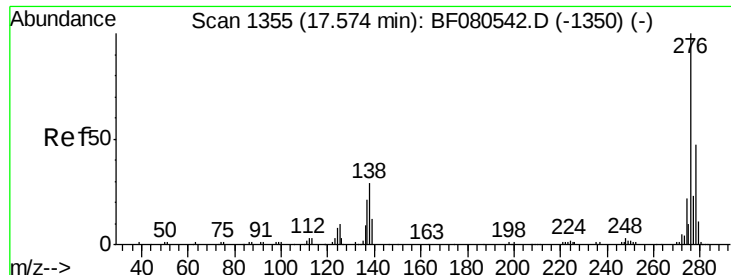
100000

0

15.10 15.20

Time-->

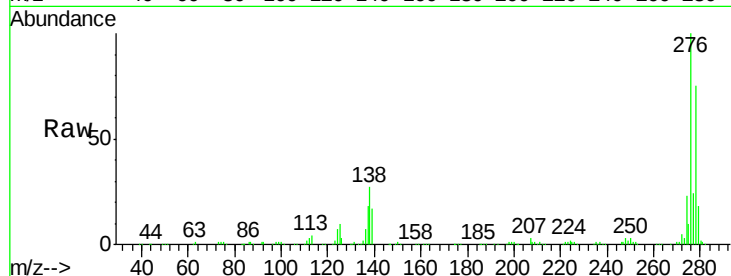




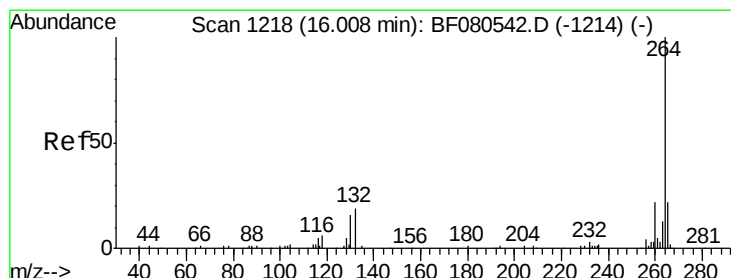
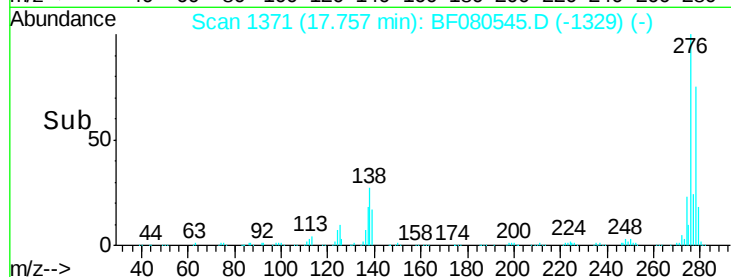
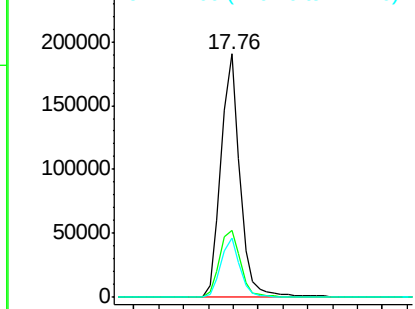
#85
Indeno(1,2,3-cd)pyrene
Concen: 43.89 ng
RT: 17.76 min Scan# 1371
Delta R.T. 0.18 min
Lab File: BF080545.D
Acq: 17 Jul 2015 20:55

Instrument :
BNA_F
ClientSampleId :
PB84565BS

Tot Ion:276 Resp: 404111
Ion Ratio Lower Upper
276 100
138 30.5 23.9 35.9
277 24.7 19.4 29.0

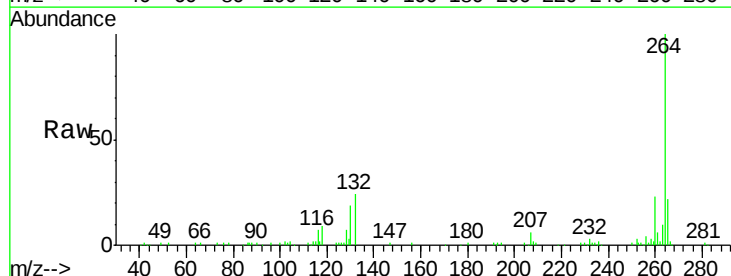


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

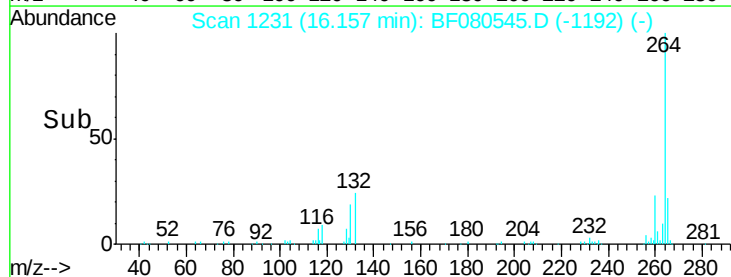
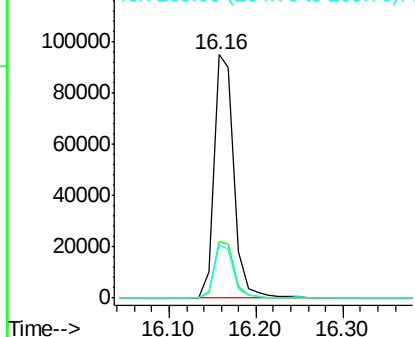


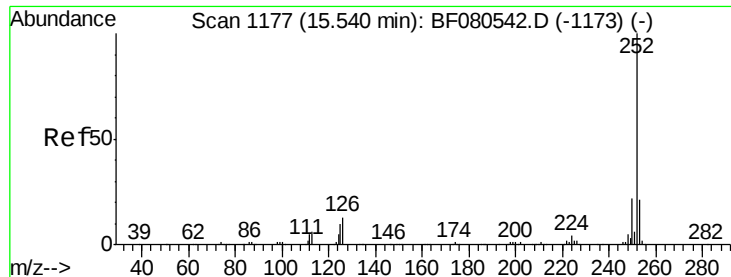
#86
Perylene-d12
Concen: 20.00 ng
RT: 16.16 min Scan# 1231
Delta R.T. 0.15 min
Lab File: BF080545.D
Acq: 17 Jul 2015 20:55

Tgt Ion:264 Resp: 152652
Ion Ratio Lower Upper
264 100
260 23.2 17.8 26.8
265 21.6 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

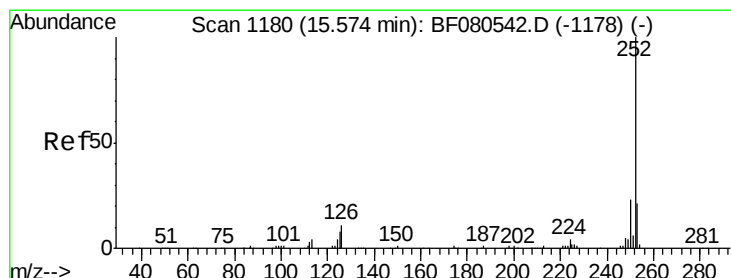
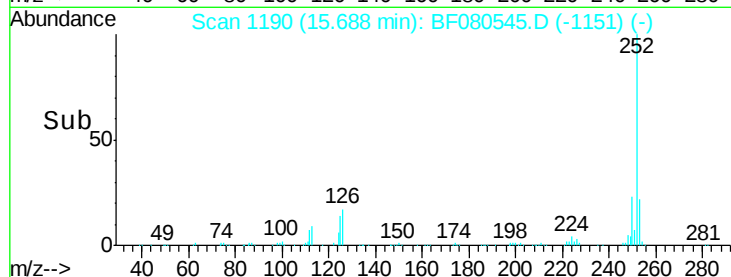
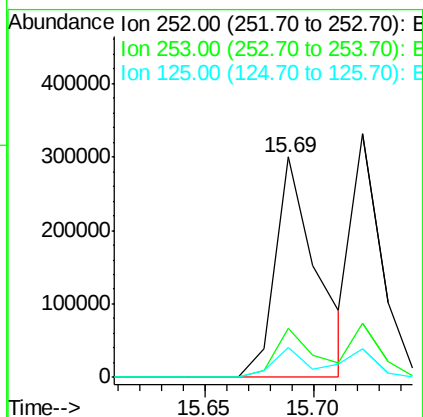
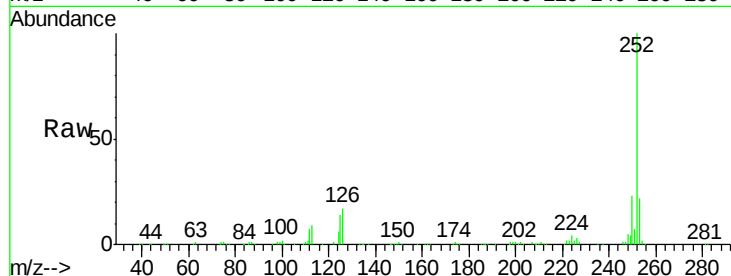




#87
Benzo(b)fluoranthene
Concen: 42.24 ng
RT: 15.69 min Scan# 1190
Delta R.T. 0.15 min
Lab File: BF080545.D
Acq: 17 Jul 2015 20:55

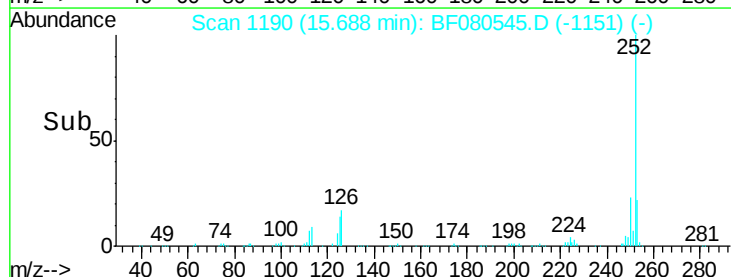
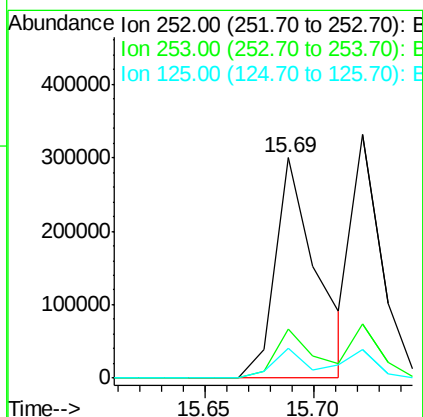
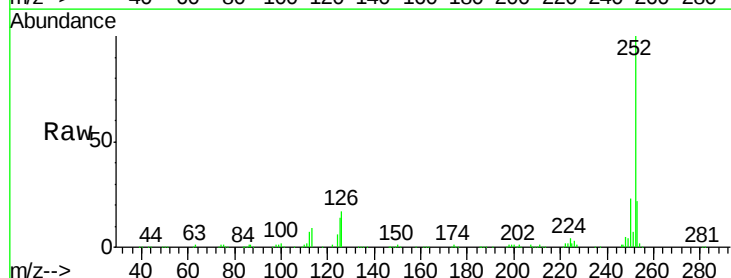
Instrument :
BNA_F
ClientSampleId :
PB84565BS

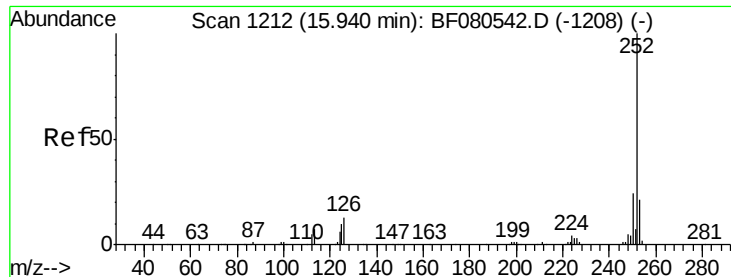
Tot Ion:252 Resp: 399707
Ion Ratio Lower Upper
252 100
253 22.2 17.1 25.7
125 13.5 8.1 12.1#



#88
Benzo(k)fluoranthene
Concen: 48.79 ng
RT: 15.69 min Scan# 1190
Delta R.T. 0.15 min
Lab File: BF080545.D
Acq: 17 Jul 2015 20:55

Tgt Ion:252 Resp: 399707
Ion Ratio Lower Upper
252 100
253 22.2 17.1 25.7
125 13.5 8.1 12.1#

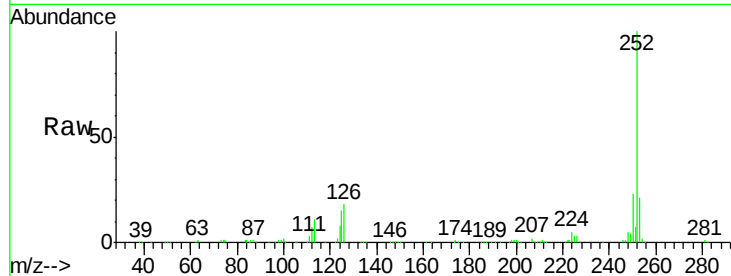




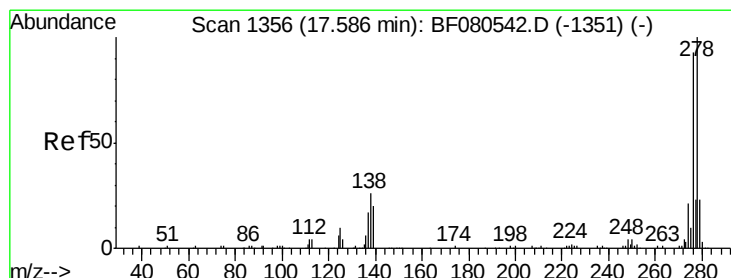
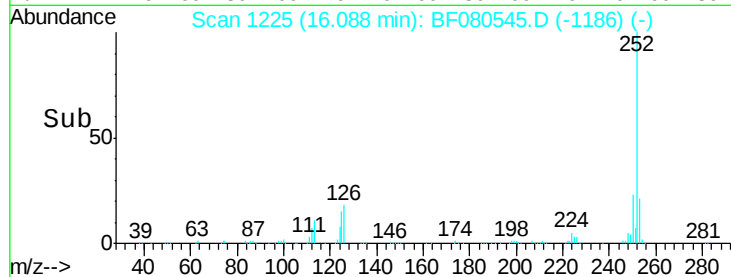
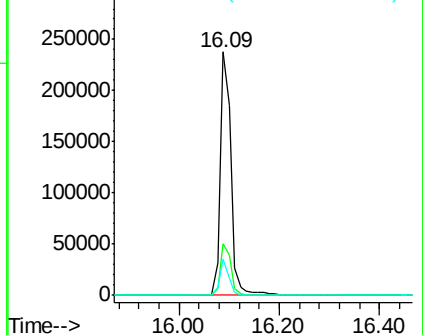
#89
Benzo(a)pyrene
Concen: 43.30 ng
RT: 16.09 min Scan# 1225
Delta R.T. 0.15 min
Lab File: BF080545.D
Acq: 17 Jul 2015 20:55

Instrument :
BNA_F
ClientSampleId :
PB84565BS

Tot Ion:252 Resp: 349138
Ion Ratio Lower Upper
252 100
253 21.3 17.1 25.7
125 14.9 8.1 12.1#

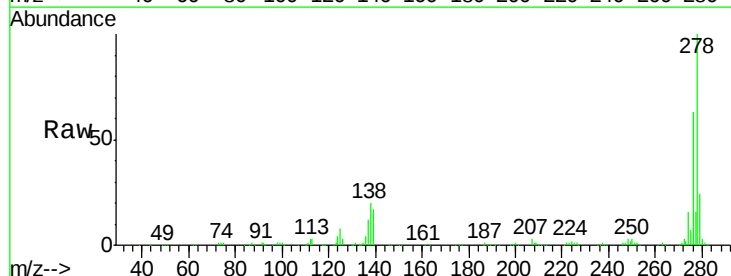


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

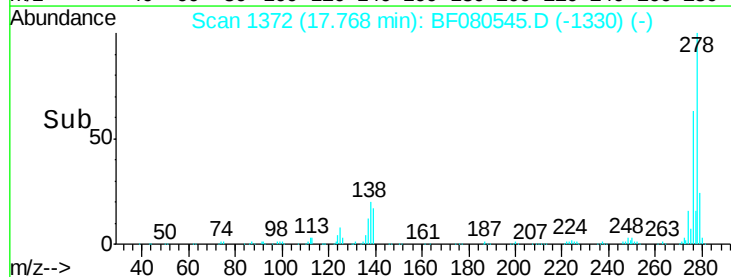
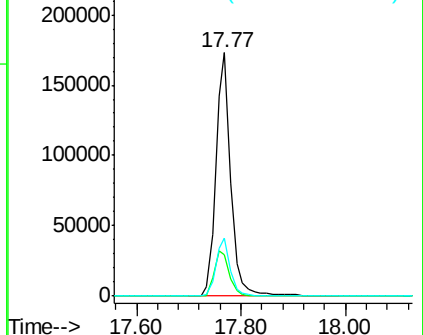


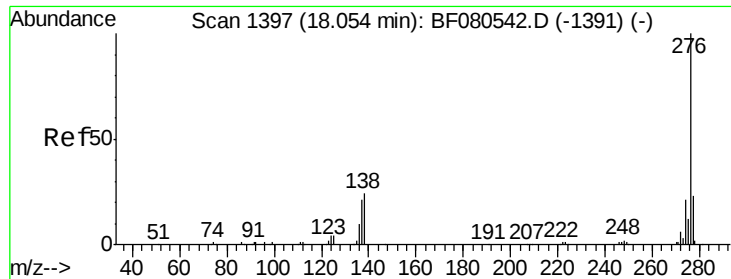
#90
Dibenzo(a,h)anthracene
Concen: 43.25 ng
RT: 17.77 min Scan# 1372
Delta R.T. 0.18 min
Lab File: BF080545.D
Acq: 17 Jul 2015 20:55

Tgt Ion:278 Resp: 343410
Ion Ratio Lower Upper
278 100
139 17.0 16.2 24.2
279 23.9 18.6 27.8



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 44.20 ng

RT: 18.24 min Scan# 1413

Delta R.T. 0.18 min

Lab File: BF080545.D

Acq: 17 Jul 2015 20:55

Instrument :

BNA_F

ClientSampleId :

PB84565BS

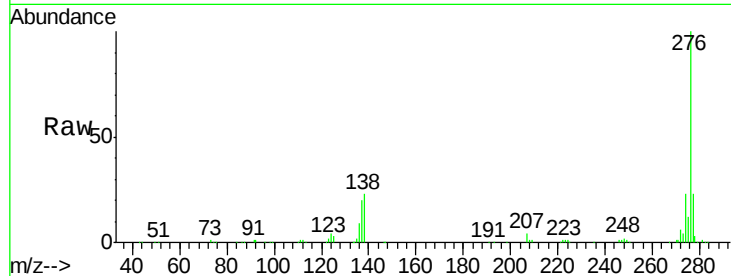
Tot Ion: 276 Resp: 354215

Ion Ratio Lower Upper

276 100

277 22.9 18.5 27.7

138 22.5 19.1 28.7



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

