

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080415\
 Data File : BF080848.D
 Acq On : 4 Aug 2015 20:18
 Operator : TP/UM
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF080415

Quant Time: Aug 05 01:50:27 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 05 01:46:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	60102	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	226815	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	90132	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	144949	20.00	ng	0.00
75) Chrysene-d12	13.96	240	97904	20.00	ng	0.00
86) Perylene-d12	15.37	264	85106	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	319438	80.44	ng	0.00
7) Phenol-d6	6.45	99	381487	73.49	ng	0.00
23) Nitrobenzene-d5	7.39	82	367129	76.28	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	62876	72.34	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	541478	80.90	ng	0.00
78) Terphenyl-d14	12.92	244	449697	83.13	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.45	88	77410	39.76	ng	100
3) Pyridine	3.16	79	236054	43.99	ng	98
4) n-Nitrosodimethylamine	3.12	42	110394	40.11	ng	99
6) Aniline	6.49	93	289187	38.28	ng	99
8) 2-Chlorophenol	6.61	128	170440	38.31	ng	99
9) Benzaldehyde	6.37	77	146615	40.48	ng	99
10) Phenol	6.46	94	216797	35.10	ng	99
11) bis(2-Chloroethyl)ether	6.57	93	181190	39.28	ng	96
12) 1,3-Dichlorobenzene	6.76	146	178055	37.35	ng	100
13) 1,4-Dichlorobenzene	6.84	146	181566	37.95	ng	99
14) 1,2-Dichlorobenzene	7.00	146	166817	36.95	ng	99
15) Benzyl Alcohol	6.97	79	140500	41.44	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	336340	37.68	ng	100
17) 2-Methylphenol	7.08	107	151706	38.94	ng	99
18) Hexachloroethane	7.34	117	70892	38.99	ng	97
19) n-Nitroso-di-n-propylamine	7.24	70	121452	36.22	ng	100
20) 3+4-Methylphenols	7.23	107	164429	36.39	ng	98
22) Acetophenone	7.24	105	210788	38.05	ng	# 96
24) Nitrobenzene	7.41	77	189904	38.04	ng	95
25) Isophorone	7.65	82	324453	38.05	ng	99
26) 2-Nitrophenol	7.72	139	79024	38.59	ng	97
27) 2,4-Dimethylphenol	7.77	122	158093	41.47	ng	100
28) bis(2-Chloroethoxy)methane	7.86	93	185449	35.36	ng	99
29) 2,4-Dichlorophenol	7.96	162	119170	37.86	ng	98
30) 1,2,4-Trichlorobenzene	8.05	180	141619	39.54	ng	98
31) Naphthalene	8.13	128	504777	40.86	ng	100
32) Benzoic acid	7.86	122	89783	35.47	ng	96
33) 4-Chloroaniline	8.18	127	196931	40.75	ng	98
34) Hexachlorobutadiene	8.25	225	74988	36.73	ng	96
35) Caprolactam	8.53	113	33219	36.96	ng	# 87
36) 4-Chloro-3-methylphenol	8.66	107	135704	39.30	ng	96
37) 2-Methylnaphthalene	8.82	142	284460	38.42	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	119644	38.90	ng	100
40) Hexachlorocyclopentadiene	8.98	237	77774	42.11	ng	99

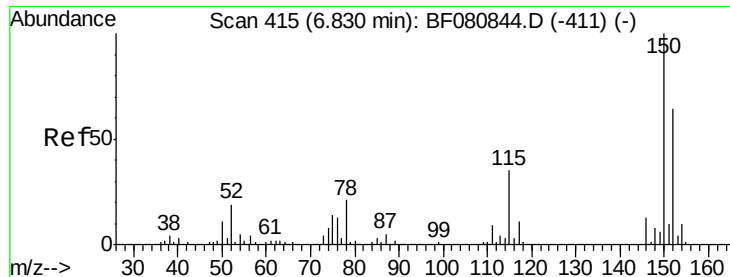
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080415\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	81082	38.89	ng	98
43) 2,4,5-Trichlorophenol	9.13	196	75229	35.98	ng	98
45) 1,1'-Biphenyl	9.29	154	314518	37.85	ng	98
46) 2-Chloronaphthalene	9.31	162	250140	38.71	ng	99
47) 2-Nitroaniline	9.40	65	96779	41.14	ng	94
48) Acenaphthylene	9.72	152	432220	40.65	ng	99
49) Dimethylphthalate	9.58	163	262751	39.97	ng	98
50) 2,6-Dinitrotoluene	9.64	165	54576	39.70	ng	96
51) Acenaphthene	9.89	154	256988	40.20	ng	100
52) 3-Nitroaniline	9.81	138	62182	36.62	ng	89
53) 2,4-Dinitrophenol	9.92	184	27015	35.75	ng	99
54) Dibenzofuran	10.06	168	333270	39.10	ng	98
55) 4-Nitrophenol	9.96	139	51464	43.08	ng	89
56) 2,4-Dinitrotoluene	10.04	165	72843	41.97	ng	91
57) Fluorene	10.41	166	245138	37.65	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	61001	40.65	ng	94
59) Diethylphthalate	10.28	149	242125	37.21	ng	99
60) 4-Chlorophenyl-phenylether	10.40	204	107131	40.07	ng	98
61) 4-Nitroaniline	10.42	138	63239	41.73	ng	92
62) Azobenzene	10.56	77	281222	36.95	ng	98
64) 4,6-Dinitro-2-methylphenol	10.44	198	33991	36.45	ng	# 1
65) n-Nitrosodiphenylamine	10.51	169	198799	35.80	ng	98
66) 4-Bromophenyl-phenylether	10.89	248	67409	42.02	ng	98
67) Hexachlorobenzene	10.94	284	65229	37.23	ng	99
68) Atrazine	11.04	200	52993	36.66	ng	93
69) Pentachlorophenol	11.14	266	41140	43.09	ng	99
70) Phenanthrene	11.36	178	307162	36.68	ng	99
71) Anthracene	11.41	178	345493	42.46	ng	99
72) Carbazole	11.56	167	289703	37.74	ng	99
73) Di-n-butylphthalate	11.90	149	389437	42.85	ng	99
74) Fluoranthene	12.54	202	347081	42.55	ng	99
76) Benzidine	12.67	184	189659	40.02	ng	98
77) Pyrene	12.77	202	348762	39.71	ng	99
79) Butylbenzylphthalate	13.39	149	142382	39.64	ng	98
80) Benzo(a)anthracene	13.95	228	254890	38.92	ng	99
81) 3,3'-Dichlorobenzidine	13.92	252	91533	37.62	ng	99
82) Chrysene	13.99	228	245417	36.77	ng	99
83) Bis(2-ethylhexyl)phthalate	13.96	149	191317	39.89	ng	100
84) Di-n-octyl phthalate	14.57	149	335011	41.56	ng	100
85) Indeno(1,2,3-cd)pyrene	16.73	276	215625	39.35	ng	99
87) Benzo(b)fluoranthene	15.00	252	449815	70.66	ng	# 95
88) Benzo(k)fluoranthene	15.00	252	449815	91.79	ng	99
89) Benzo(a)pyrene	15.31	252	203198	39.11	ng	99
90) Dibenzo(a,h)anthracene	16.75	278	179650	39.80	ng	99
91) Benzo(g,h,i)perylene	17.14	276	172821	39.61	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF080848.D

Acq: 4 Aug 2015 20:18

Instrument :

BNA_F

ClientSampleId :

ICVBF080415

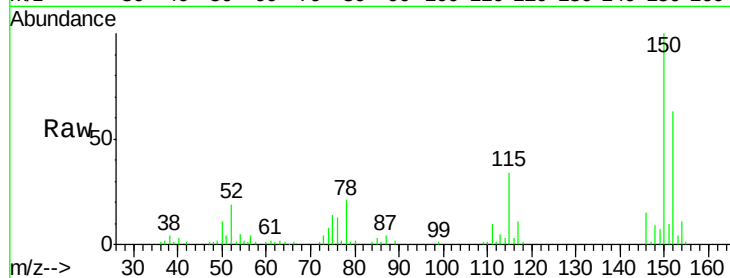
Tgt Ion:152 Resp: 60102

Ion Ratio Lower Upper

152 100

150 158.8 124.6 187.0

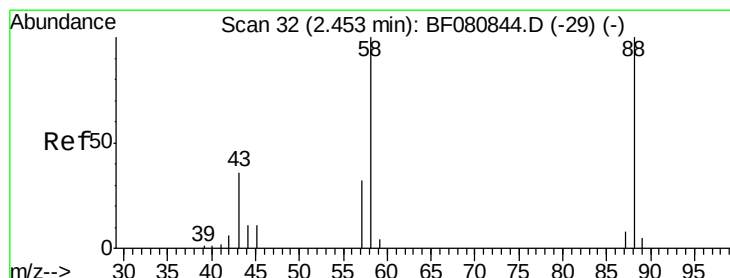
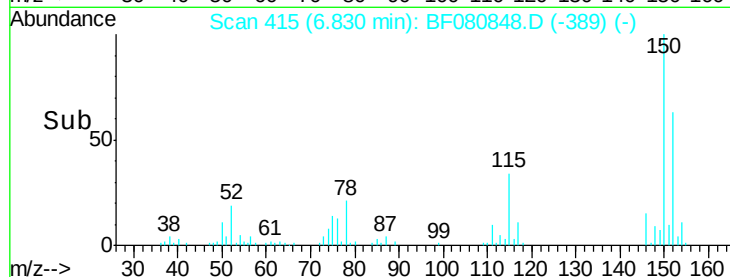
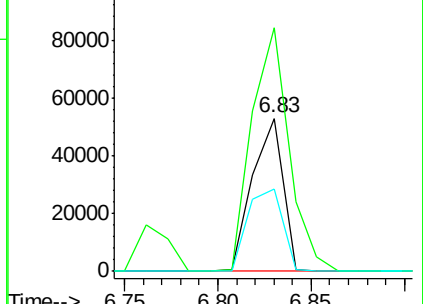
115 53.6 44.2 66.4



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: 39.76 ng

RT: 2.45 min Scan# 32

Delta R.T. -0.00 min

Lab File: BF080848.D

Acq: 4 Aug 2015 20:18

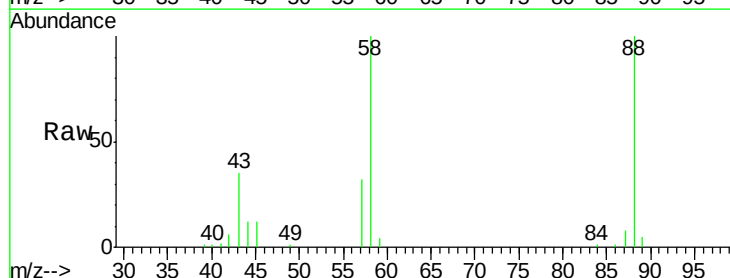
Tgt Ion: 88 Resp: 77410

Ion Ratio Lower Upper

88 100

58 98.6 79.2 118.8

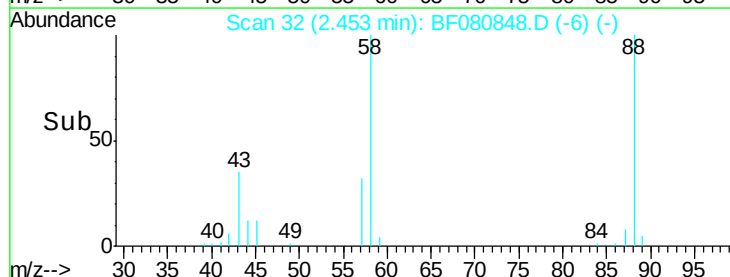
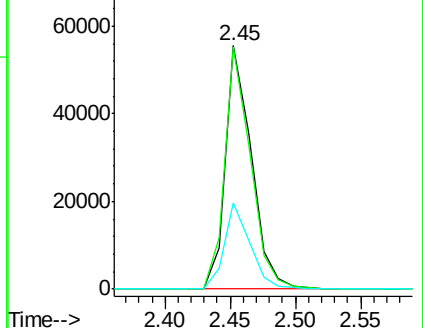
43 34.8 28.1 42.1

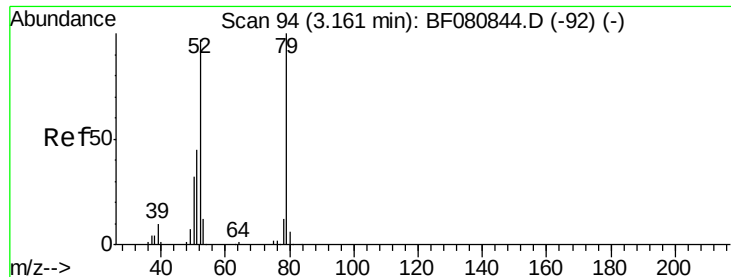


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 43.99 ng

RT: 3.16 min Scan# 94

Delta R.T. -0.00 min

Lab File: BF080848.D

Acq: 4 Aug 2015 20:18

Instrument :

BNA_F

ClientSampleId :

ICVBF080415

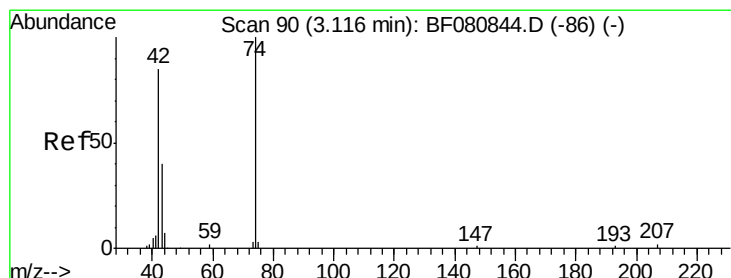
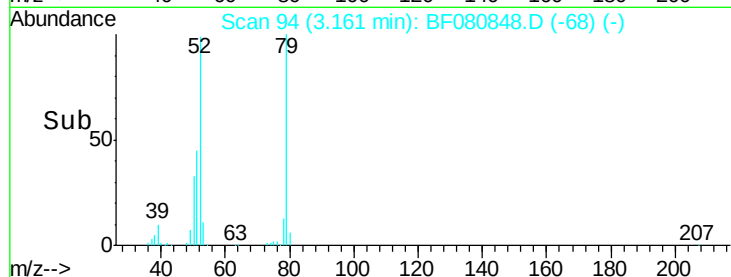
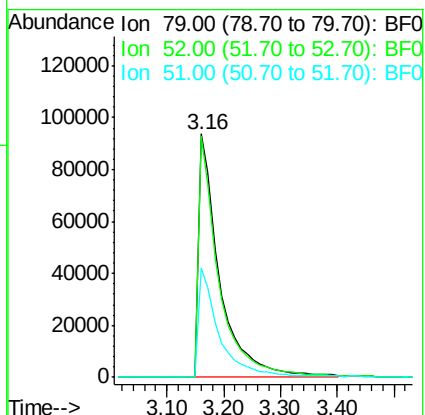
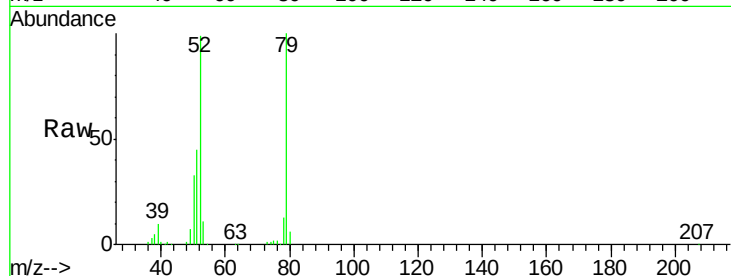
Tgt Ion: 79 Resp: 236054

Ion Ratio Lower Upper

79 100

52 99.2 77.7 116.5

51 45.0 36.1 54.1



#4

n-Nitrosodimethylamine

Concen: 40.11 ng

RT: 3.12 min Scan# 90

Delta R.T. -0.00 min

Lab File: BF080848.D

Acq: 4 Aug 2015 20:18

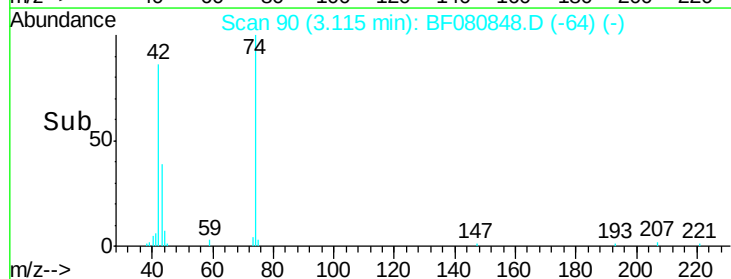
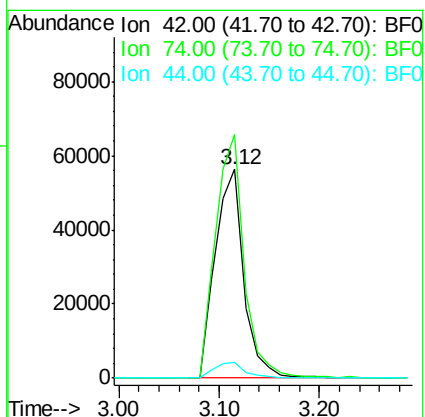
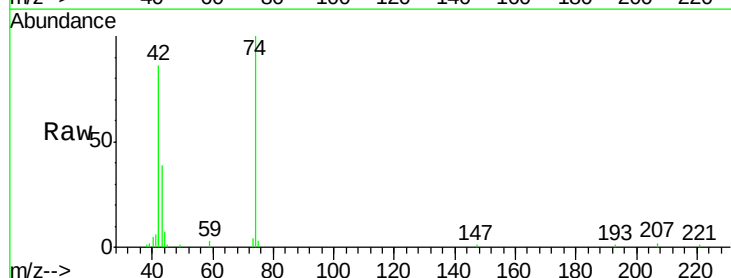
Tgt Ion: 42 Resp: 110394

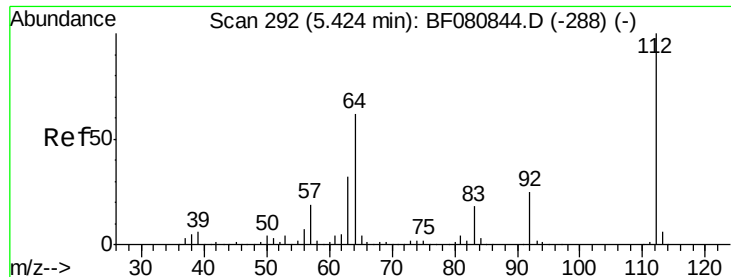
Ion Ratio Lower Upper

42 100

74 116.6 94.3 141.5

44 7.7 6.2 9.2





#5

2-Fluorophenol

Concen: 80.44 ng

RT: 5.42 min Scan# 292

Delta R.T. -0.00 min

Lab File: BF080848.D

Acq: 4 Aug 2015 20:18

Instrument :

BNA_F

ClientSampleId :

ICVBF080415

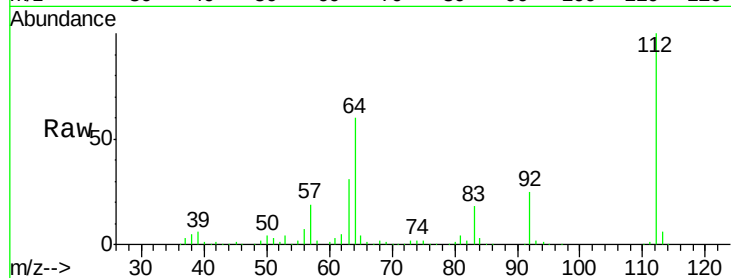
Tgt Ion: 112 Resp: 319438

Ion Ratio Lower Upper

112 100

64 60.4 49.5 74.3

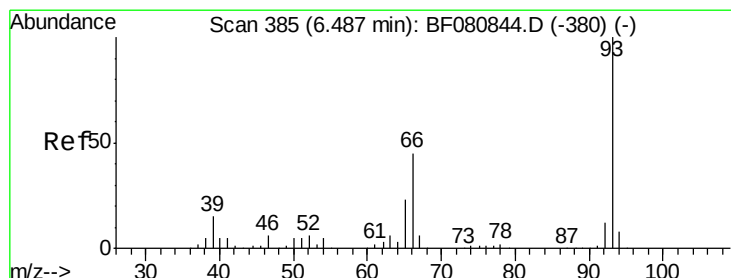
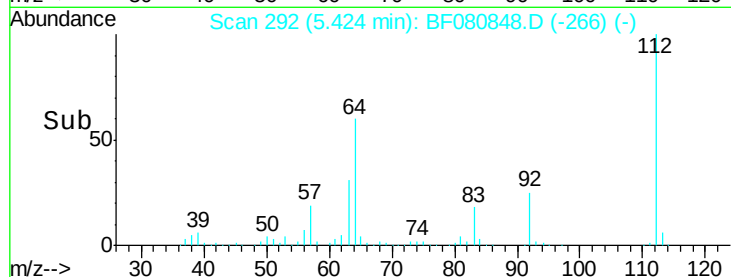
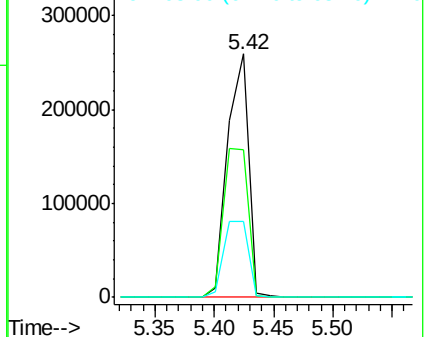
63 31.4 25.3 37.9



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 38.28 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF080848.D

Acq: 4 Aug 2015 20:18

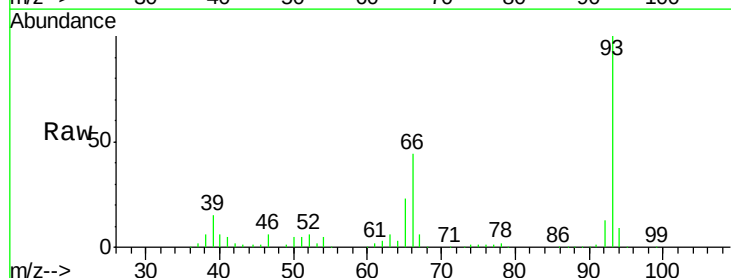
Tgt Ion: 93 Resp: 289187

Ion Ratio Lower Upper

93 100

66 44.2 35.8 53.6

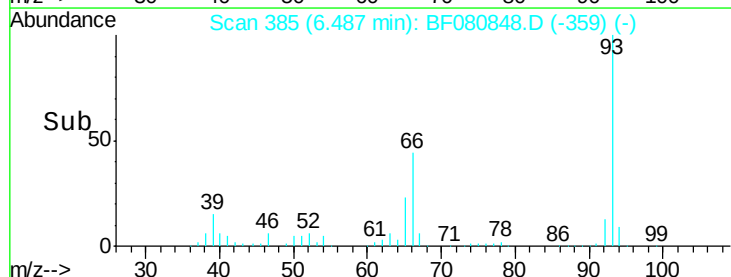
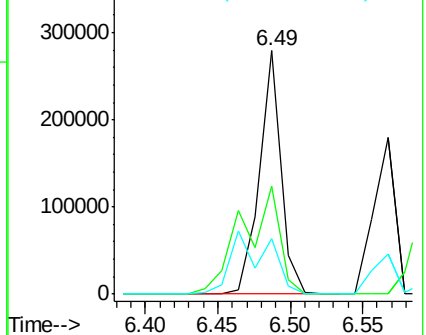
65 22.7 18.2 27.2

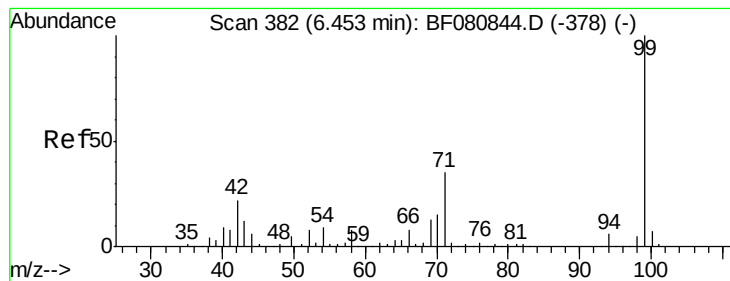


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 73.49 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.00 min

Lab File: BF080848.D

Acq: 4 Aug 2015 20:18

Instrument :

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ClientSampleId :

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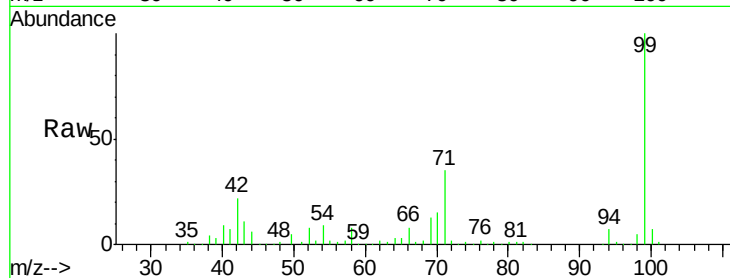
Tgt Ion: 99 Resp: 381487

Ion Ratio Lower Upper

99 100

42 22.0 17.9 26.9

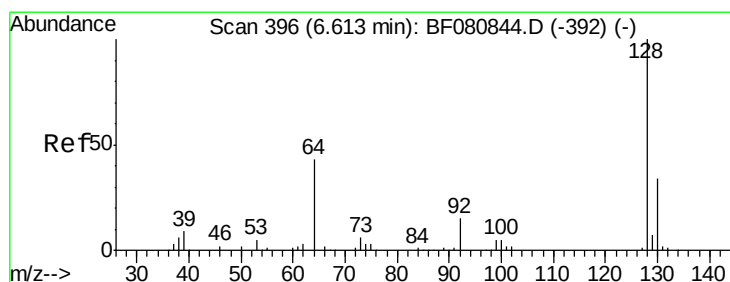
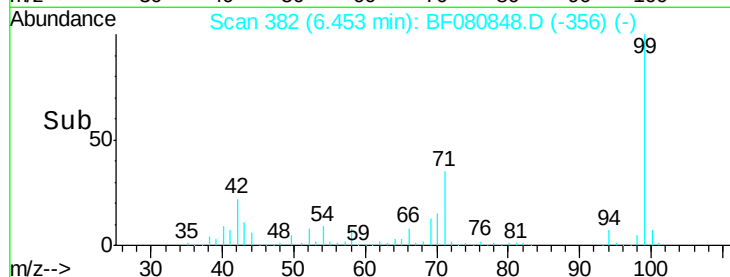
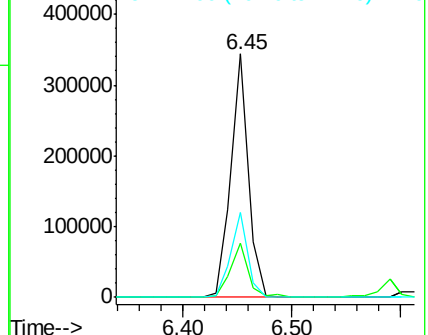
71 34.6 28.2 42.4



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: 38.31 ng

RT: 6.61 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF080848.D

Acq: 4 Aug 2015 20:18

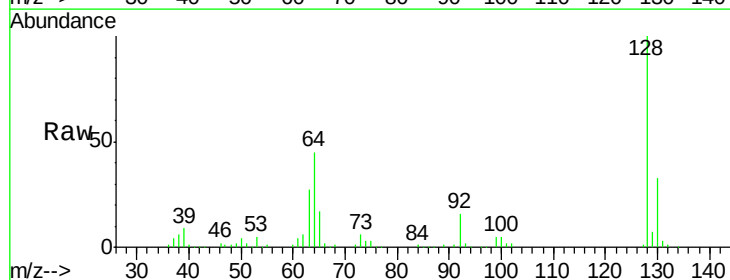
Tgt Ion: 128 Resp: 170440

Ion Ratio Lower Upper

128 100

130 33.4 13.9 53.9

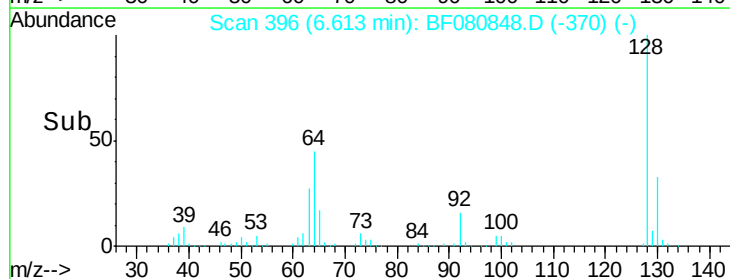
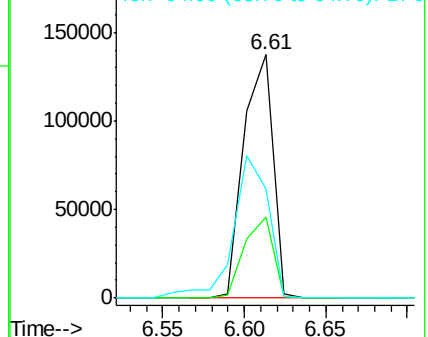
64 44.9 26.2 66.2

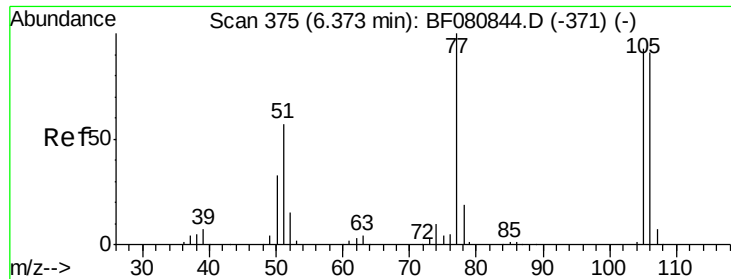


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 40.48 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF080848.D

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ClientSampleId :

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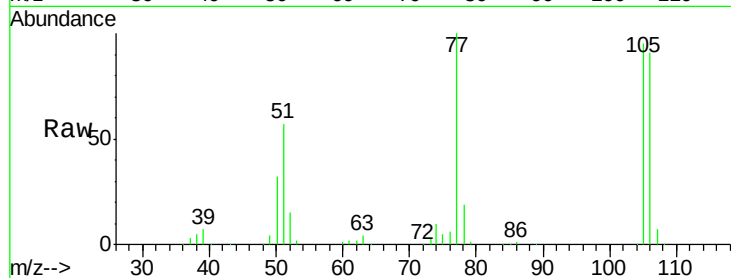
Tgt Ion: 77 Resp: 146615

Ion Ratio Lower Upper

77 100

105 95.3 73.5 113.5

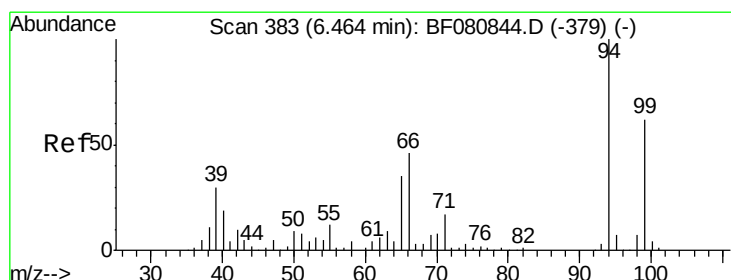
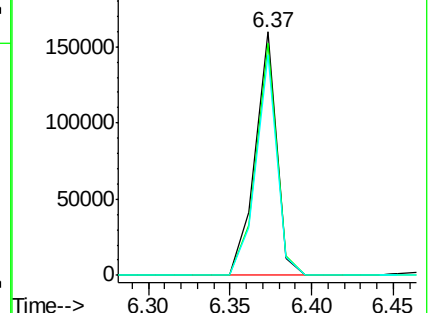
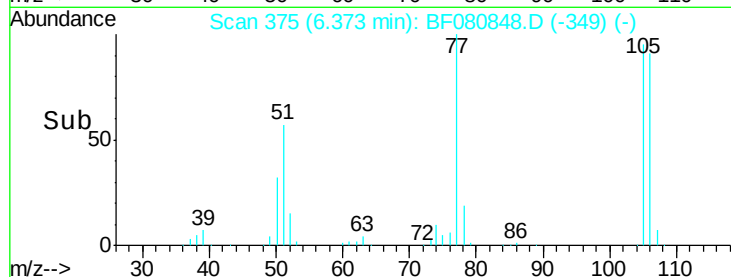
106 90.7 70.8 110.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 35.10 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.00 min

Lab File: BF080848.D

Acq: 4 Aug 2015 20:18

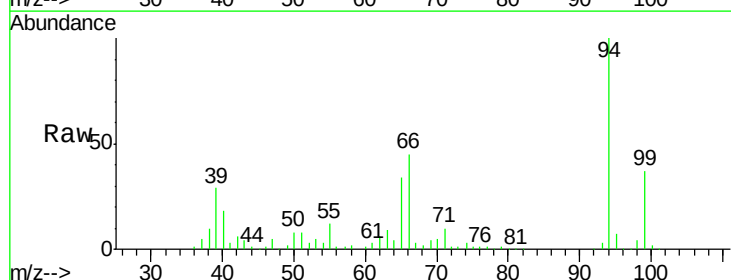
Tgt Ion: 94 Resp: 216797

Ion Ratio Lower Upper

94 100

65 34.5 15.2 55.2

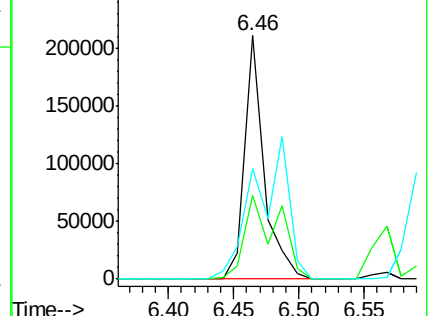
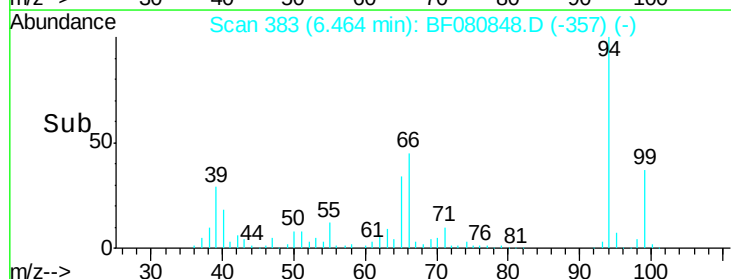
66 45.3 25.9 65.9

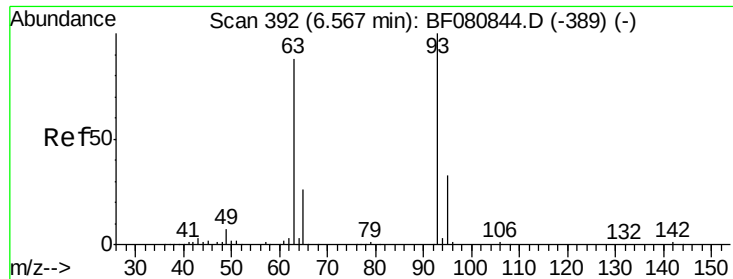


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

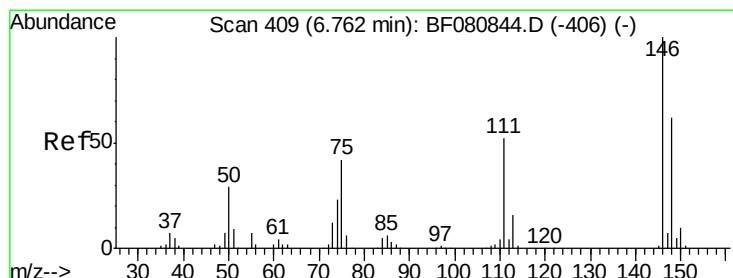
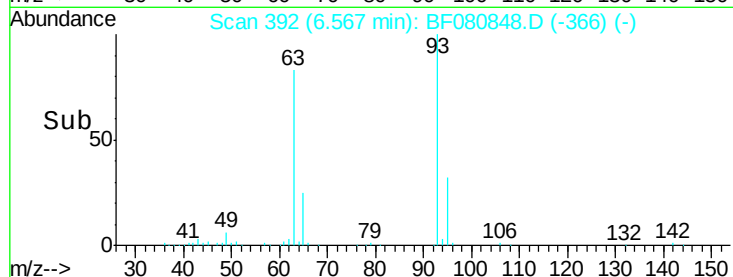
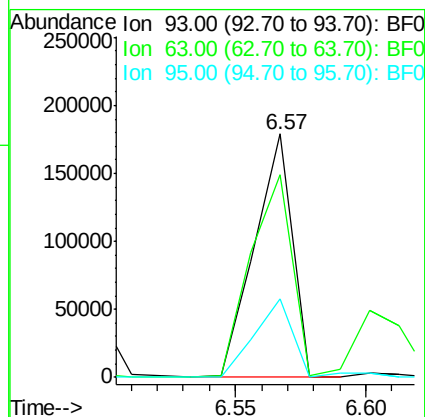
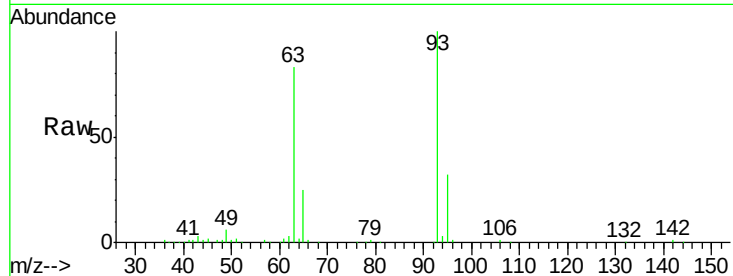




#11
bis(2-Chloroethyl)ether
Concen: 39.28 ng
RT: 6.57 min Scan# 392
Delta R.T. -0.00 min
Lab File: BF080848.D
Acq: 4 Aug 2015 20:18

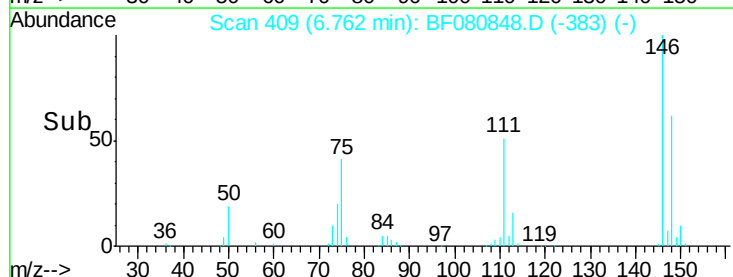
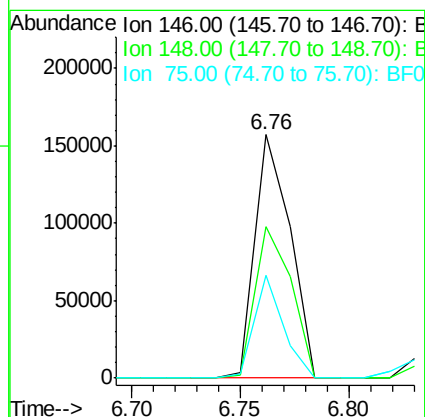
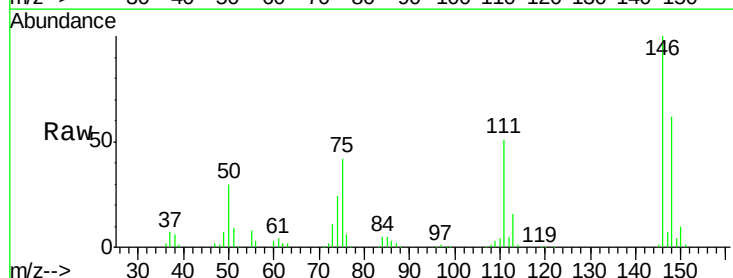
Instrument :
BNA_F
ClientSampleId :
ICVBF080415

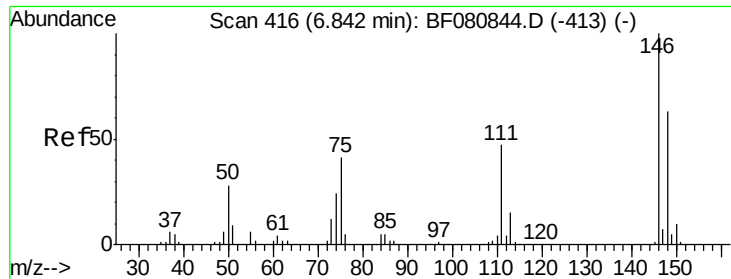
Tgt Ion: 93 Resp: 181190
Ion Ratio Lower Upper
93 100
63 83.2 67.6 107.6
95 32.3 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 37.35 ng
RT: 6.76 min Scan# 409
Delta R.T. -0.00 min
Lab File: BF080848.D
Acq: 4 Aug 2015 20:18

Tgt Ion: 146 Resp: 178055
Ion Ratio Lower Upper
146 100
148 62.0 49.7 74.5
75 42.2 33.5 50.3

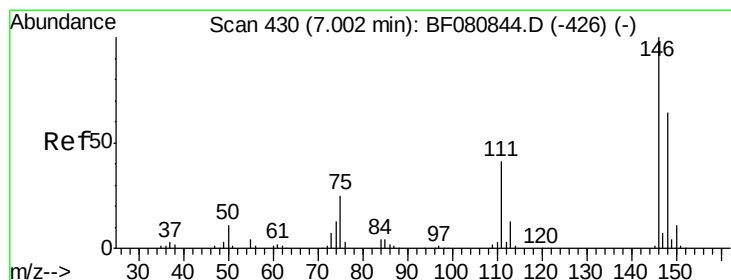
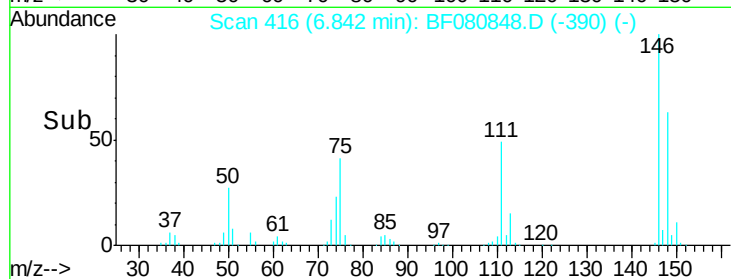
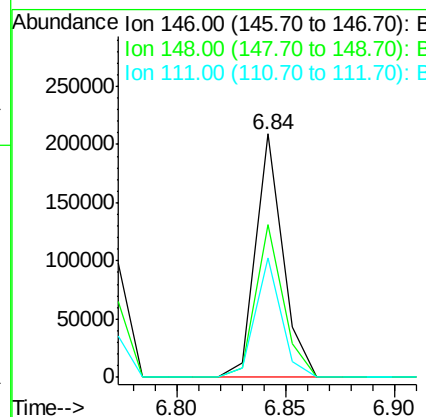
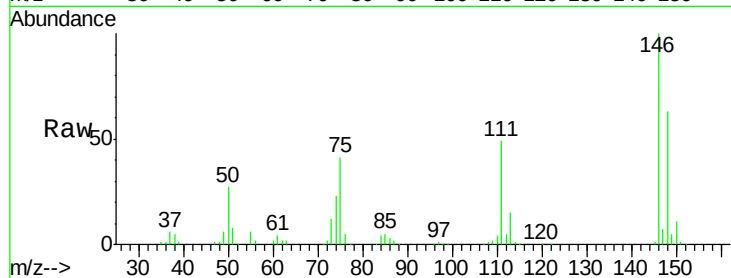




#13
 1,4-Dichlorobenzene
 Concen: 37.95 ng
 RT: 6.84 min Scan# 416
 Delta R.T. -0.00 min
 Lab File: BF080848.D
 Acq: 4 Aug 2015 20:18

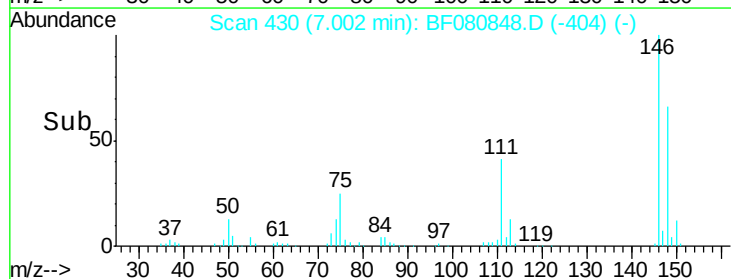
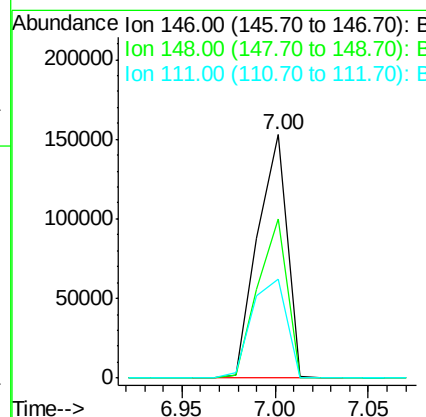
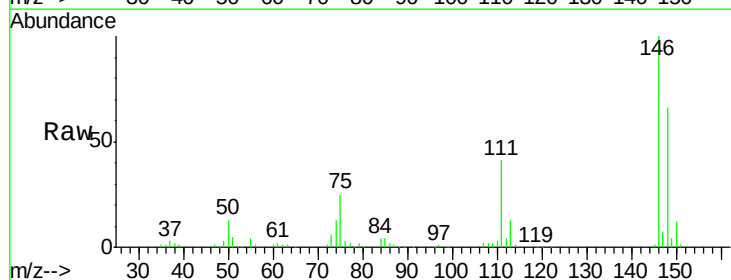
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF080415

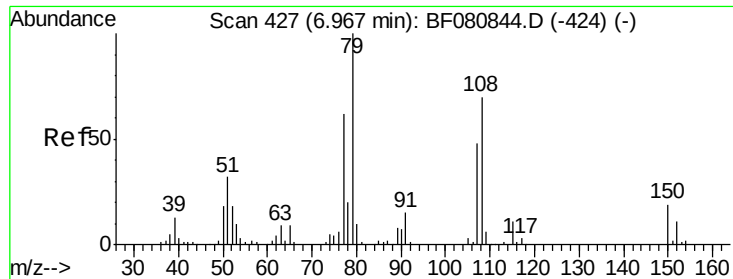
Tgt Ion:146 Resp: 181566
 Ion Ratio Lower Upper
 146 100
 148 62.6 50.5 75.7
 111 48.9 38.0 57.0



#14
 1,2-Dichlorobenzene
 Concen: 36.95 ng
 RT: 7.00 min Scan# 430
 Delta R.T. -0.00 min
 Lab File: BF080848.D
 Acq: 4 Aug 2015 20:18

Tgt Ion:146 Resp: 166817
 Ion Ratio Lower Upper
 146 100
 148 65.5 51.0 76.6
 111 40.8 32.7 49.1

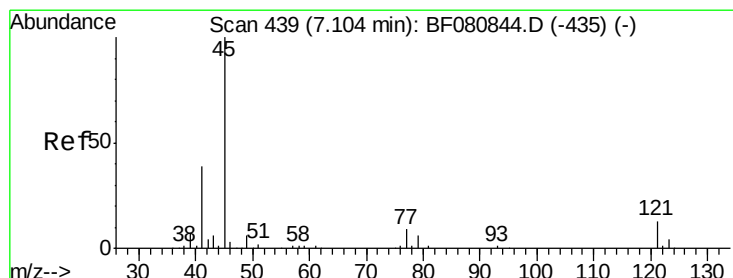
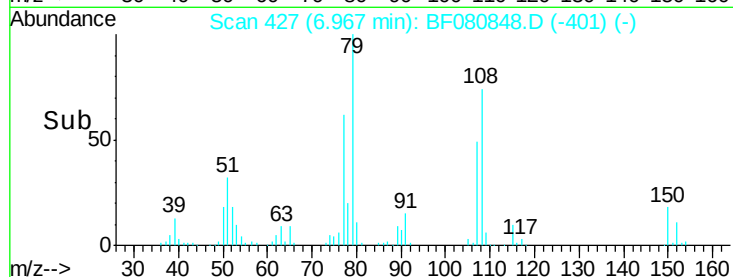
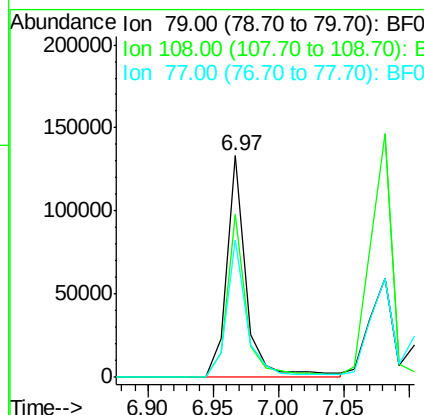
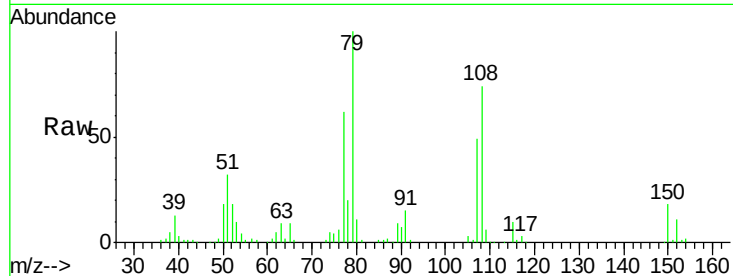




#15
Benzyl Alcohol
Concen: 41.44 ng
RT: 6.97 min Scan# 427
Delta R.T. -0.00 min
Lab File: BF080848.D
Acq: 4 Aug 2015 20:18

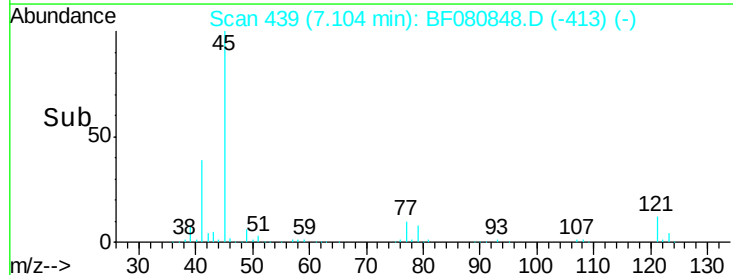
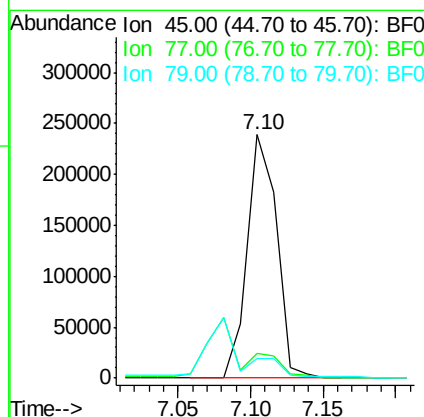
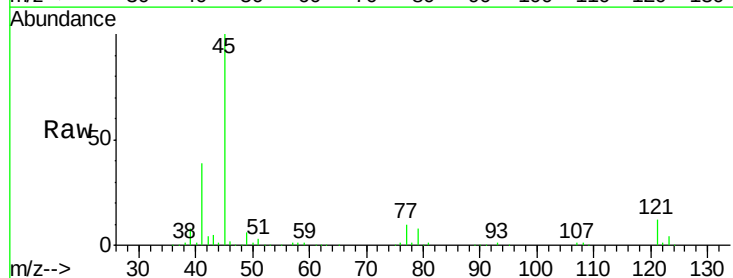
Instrument :
BNA_F
ClientSampleId :
ICVBF080415

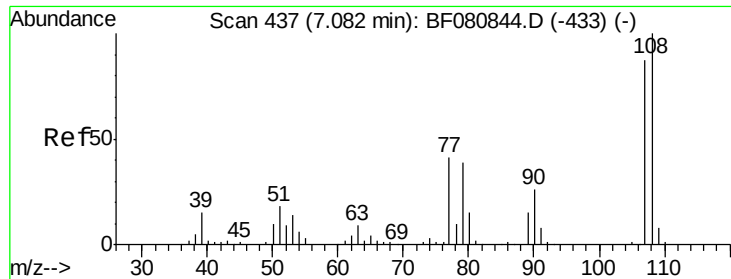
Tgt Ion: 79 Resp: 140500
Ion Ratio Lower Upper
79 100
108 73.5 55.9 83.9
77 61.8 49.4 74.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.68 ng
RT: 7.10 min Scan# 439
Delta R.T. -0.00 min
Lab File: BF080848.D
Acq: 4 Aug 2015 20:18

Tgt Ion: 45 Resp: 336340
Ion Ratio Lower Upper
45 100
77 10.3 0.0 30.5
79 8.1 0.0 28.2

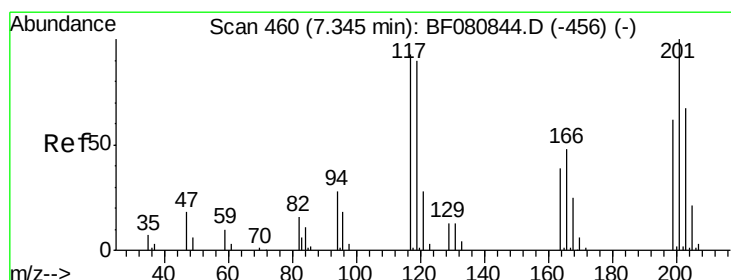
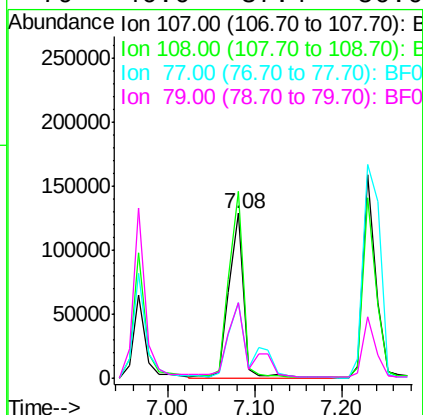
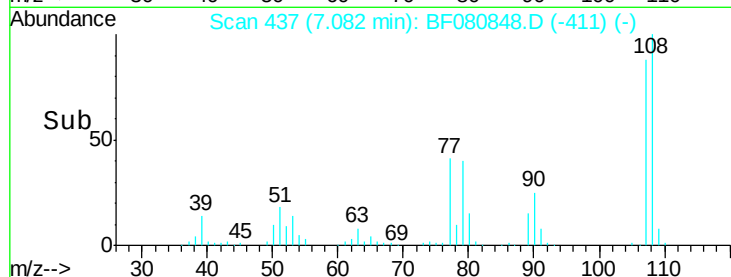
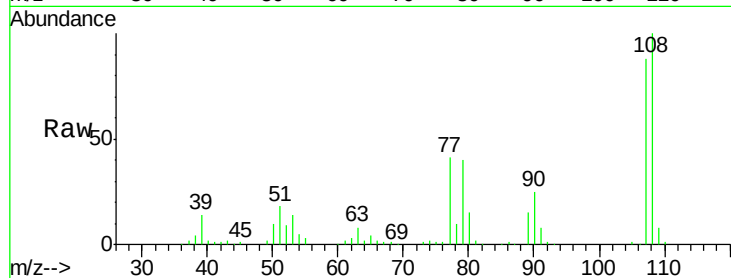




#17
 2-Methylphenol
 Concen: 38.94 ng
 RT: 7.08 min Scan# 437
 Delta R.T. -0.00 min
 Lab File: BF080848.D
 Acq: 4 Aug 2015 20:18

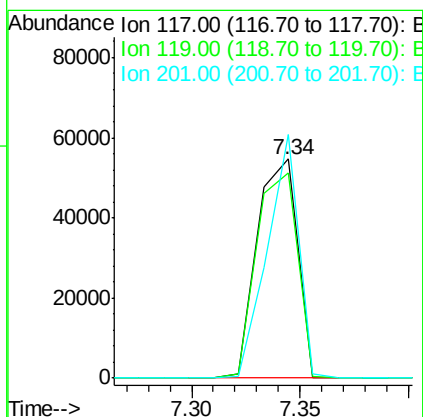
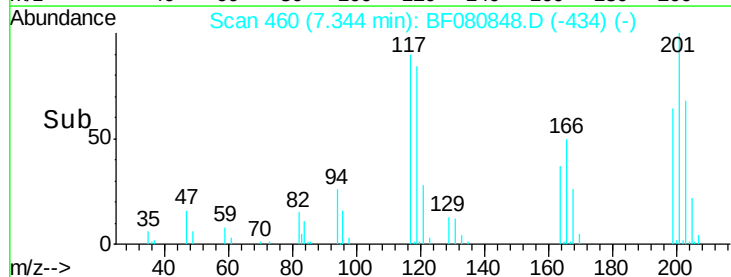
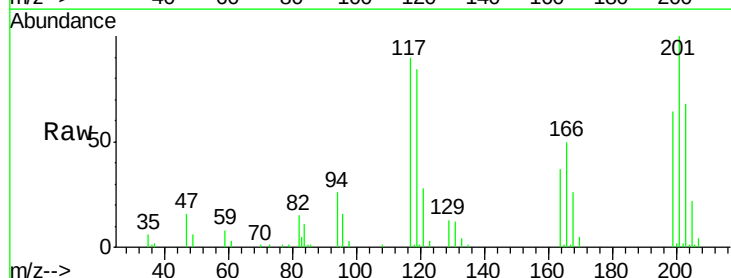
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF080415

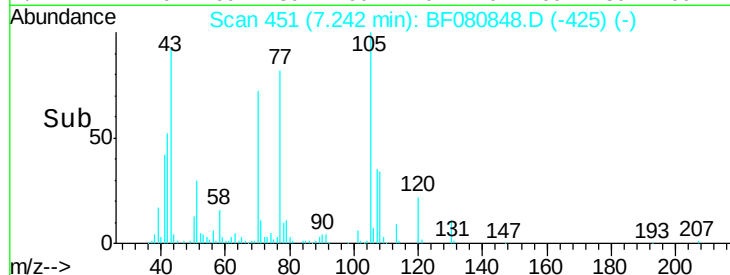
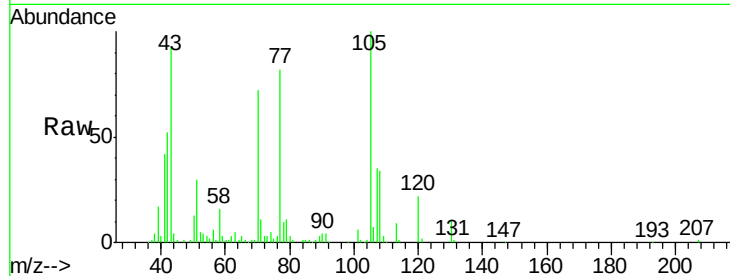
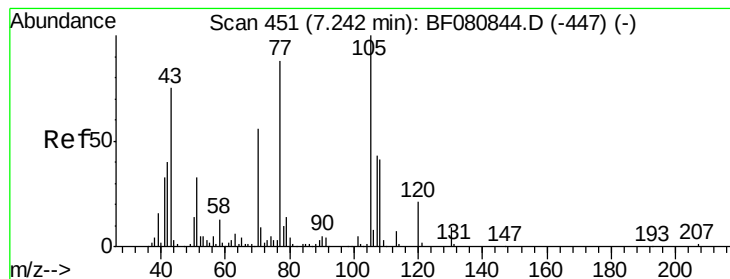
Tgt Ion:	107	Resp:	151706
Ion	Ratio	Lower	Upper
107	100		
108	113.6	91.8	137.8
77	46.2	38.2	57.2
79	46.0	37.4	56.0



#18
 Hexachloroethane
 Concen: 38.99 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.00 min
 Lab File: BF080848.D
 Acq: 4 Aug 2015 20:18

Tgt Ion:	117	Resp:	70892
Ion	Ratio	Lower	Upper
117	100		
119	93.9	77.4	116.0
201	111.1	85.8	128.6





#19

n-Nitroso-di-n-propylamine

Concen: 36.22 ng

RT: 7.24 min Scan# 451

Delta R.T. -0.00 min

Lab File: BF080848.D

Acq: 4 Aug 2015 20:18

Instrument :

BNA_F

ClientSampleId :

ICVBF080415

Tgt Ion: 70 Resp: 121452

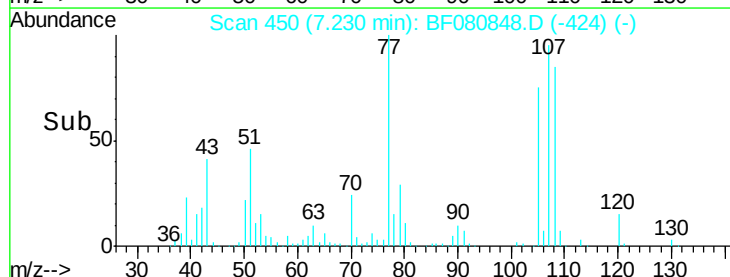
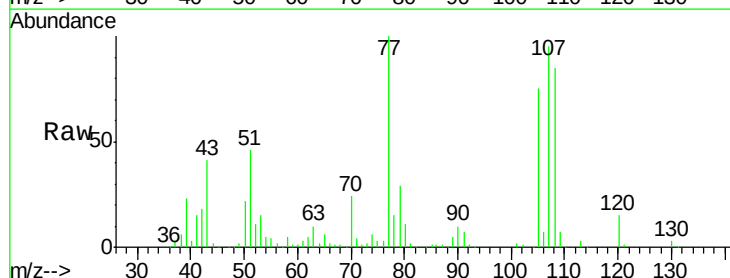
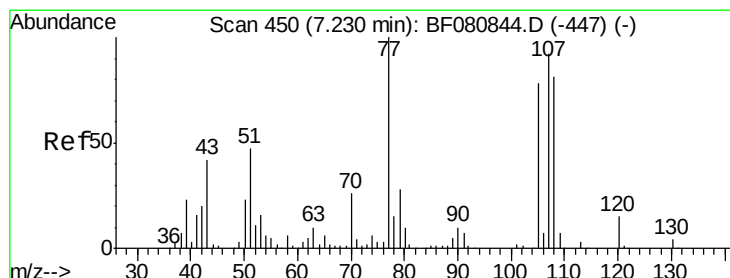
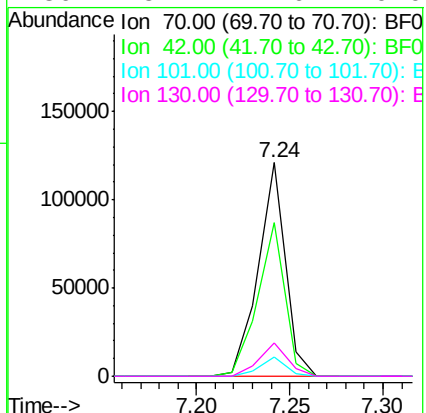
Ion Ratio Lower Upper

70 100

42 72.1 57.8 86.8

101 8.8 6.7 10.1

130 15.4 12.6 19.0



#20

3+4-Methylphenols

Concen: 36.39 ng

RT: 7.23 min Scan# 450

Delta R.T. -0.00 min

Lab File: BF080848.D

Acq: 4 Aug 2015 20:18

Tgt Ion: 107 Resp: 164429

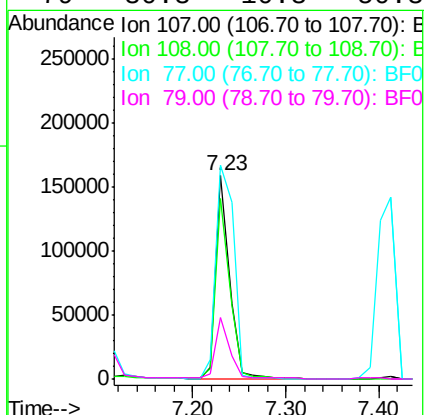
Ion Ratio Lower Upper

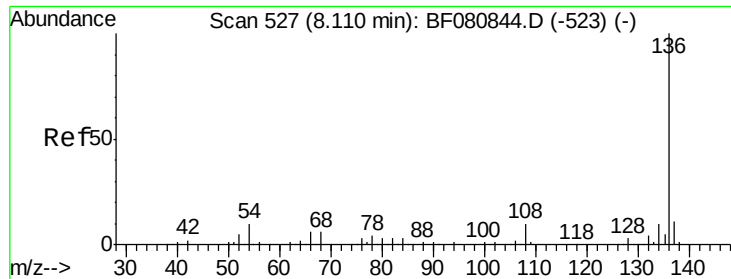
107 100

108 88.8 68.2 108.2

77 105.1 88.5 128.5

79 30.3 10.3 50.3

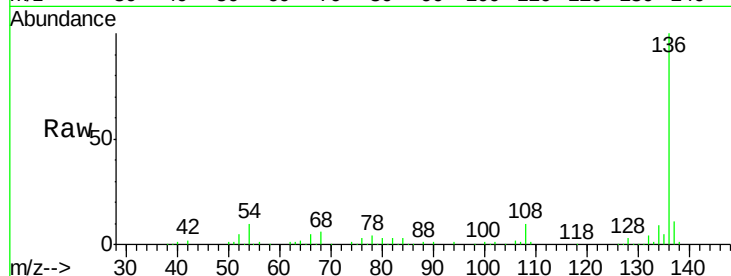




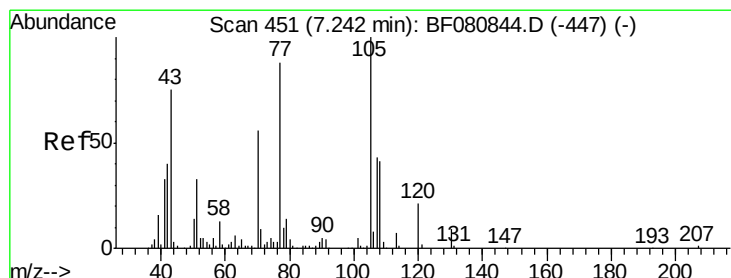
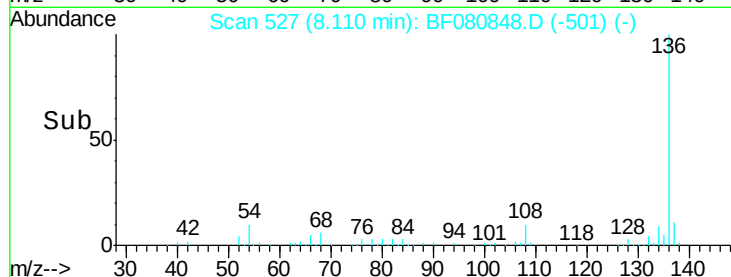
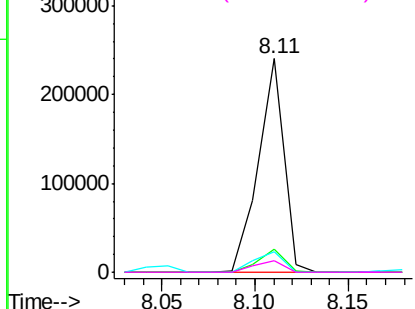
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF080848.D
Acq: 4 Aug 2015 20:18

Instrument :
BNA_F
ClientSampleId :
ICVBF080415

Tgt Ion:	136	Resp:	226815
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	9.9	8.3	12.5
68	5.7	4.8	7.2

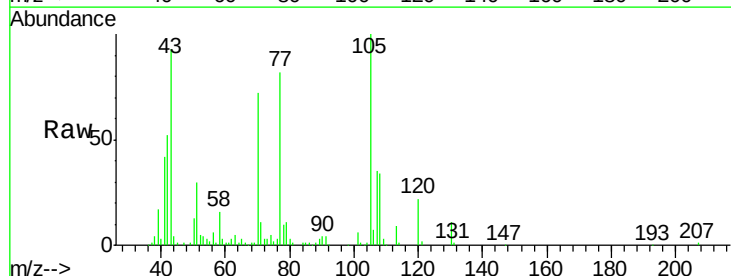


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

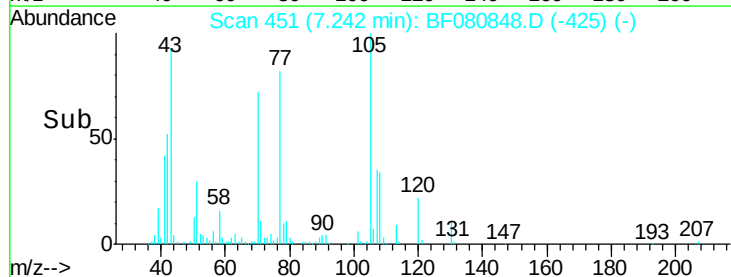
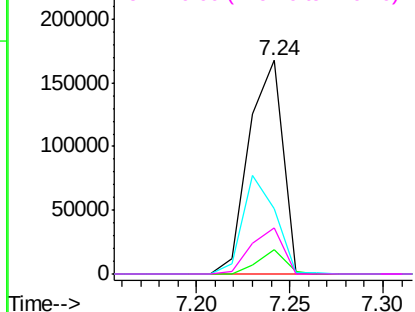


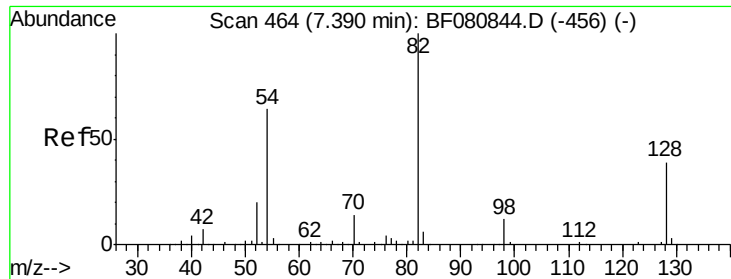
#22
Acetophenone
Concen: 38.05 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.00 min
Lab File: BF080848.D
Acq: 4 Aug 2015 20:18

Tgt Ion:	105	Resp:	210788
Ion	Ratio	Lower	Upper
105	100		
71	11.4	7.4	11.2#
51	30.4	26.5	39.7
120	21.6	17.0	25.4



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

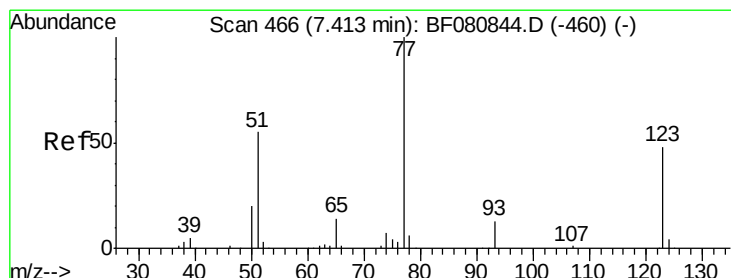
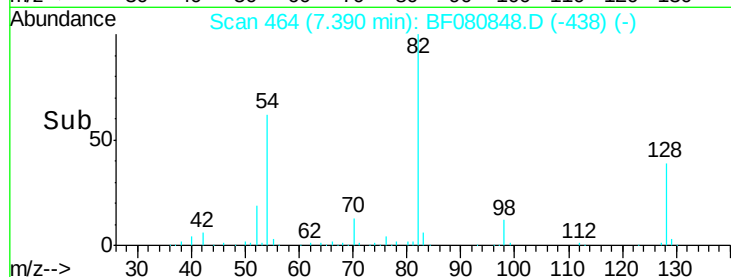
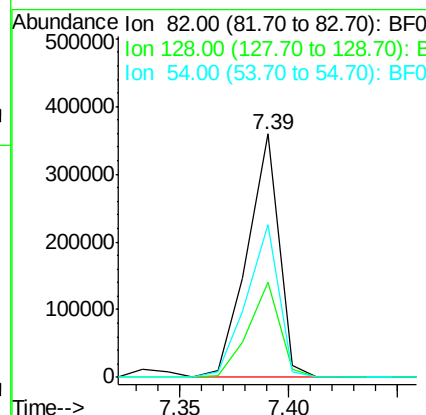
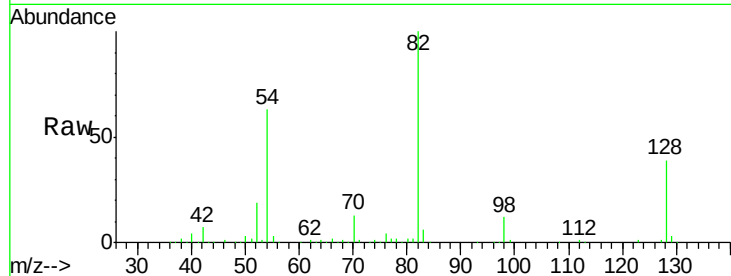




#23
 Nitrobenzene-d5
 Concen: 76.28 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.00 min
 Lab File: BF080848.D
 Acq: 4 Aug 2015 20:18

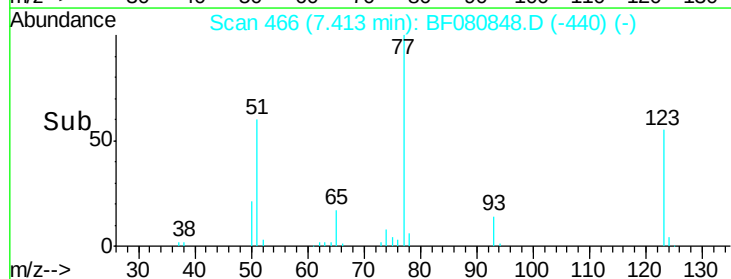
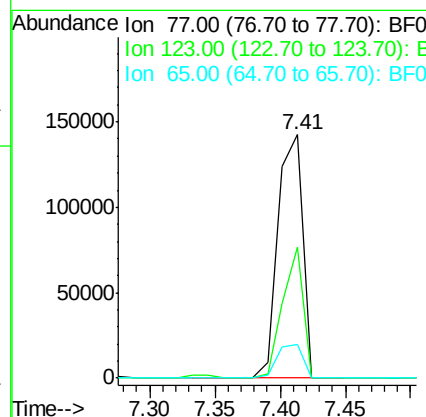
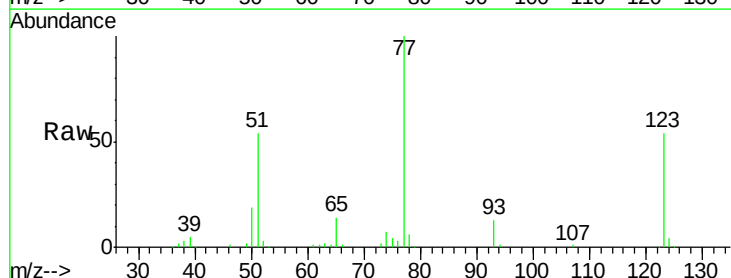
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF080415

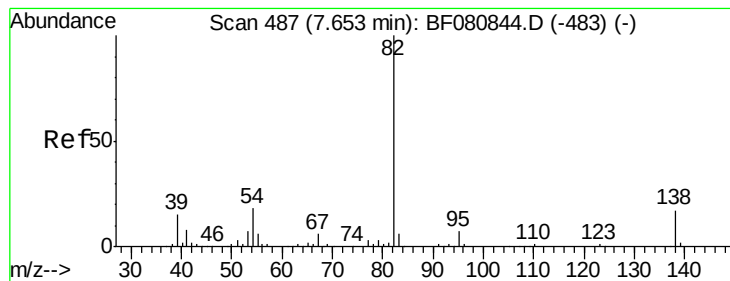
Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.0	31.0	46.4
54	62.5	51.0	76.6



#24
 Nitrobenzene
 Concen: 38.04 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.00 min
 Lab File: BF080848.D
 Acq: 4 Aug 2015 20:18

Tgt Ion	Ratio	Lower	Upper
77	100		
123	53.8	39.7	59.5
65	14.0	11.0	16.6





#25

Isophorone

Concen: 38.05 ng

RT: 7.65 min Scan# 487

Delta R.T. -0.00 min

Lab File: BF080848.D

Acq: 4 Aug 2015 20:18

Instrument :

BNA_F

ClientSampleId :

ICVBF080415

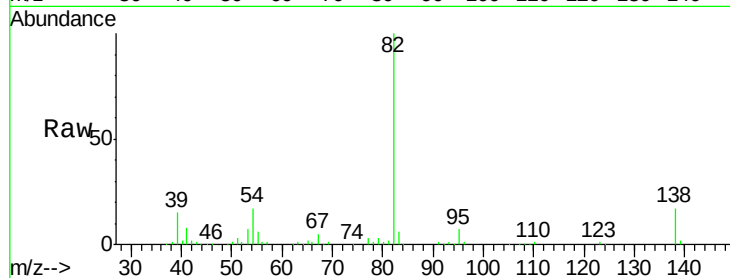
Tgt Ion: 82 Resp: 324453

Ion Ratio Lower Upper

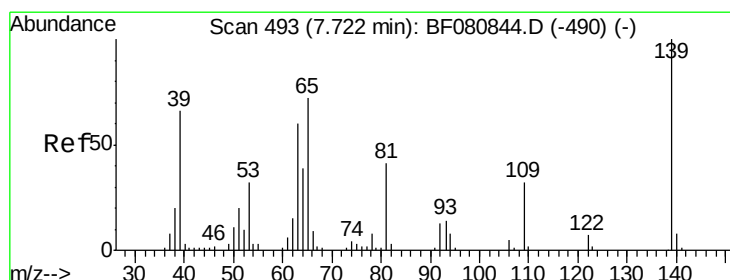
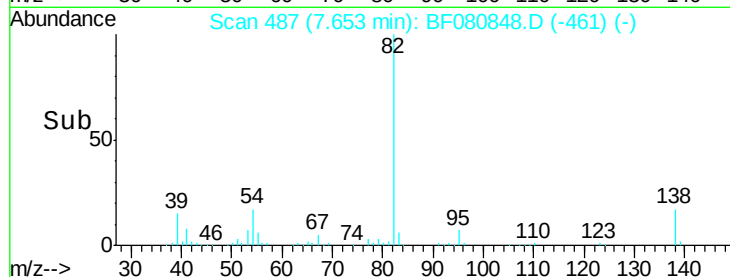
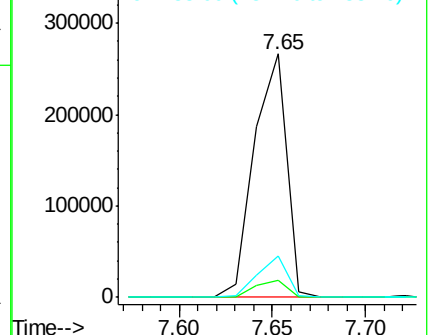
82 100

95 6.9 5.5 8.3

138 17.2 13.3 19.9



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: 38.59 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.00 min

Lab File: BF080848.D

Acq: 4 Aug 2015 20:18

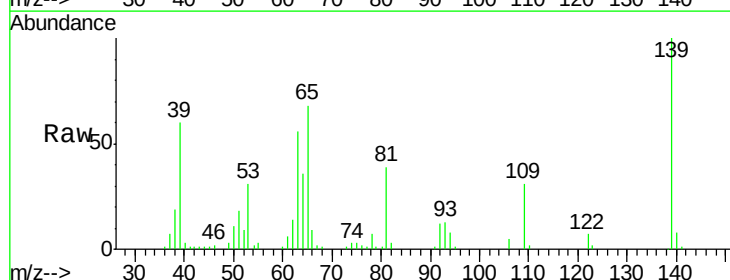
Tgt Ion: 139 Resp: 79024

Ion Ratio Lower Upper

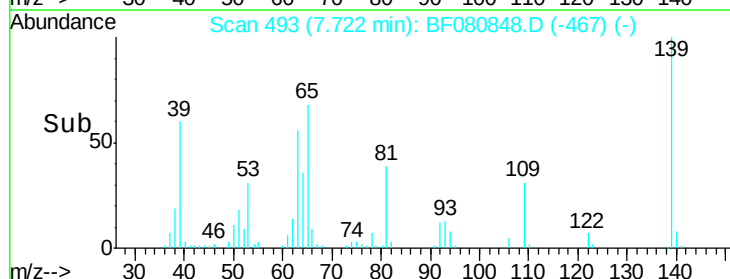
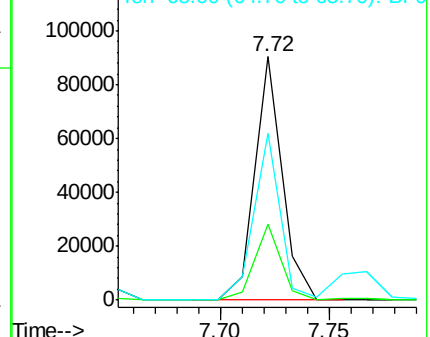
139 100

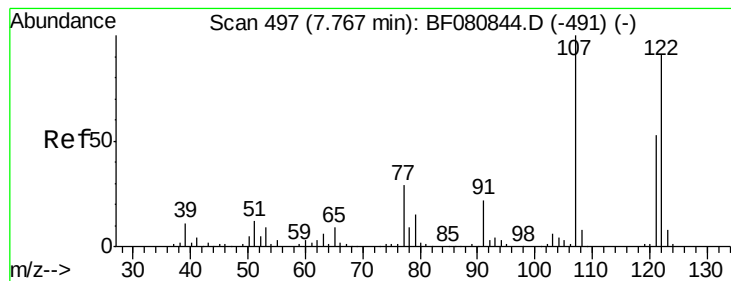
109 31.1 25.2 37.8

65 68.3 57.3 85.9



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

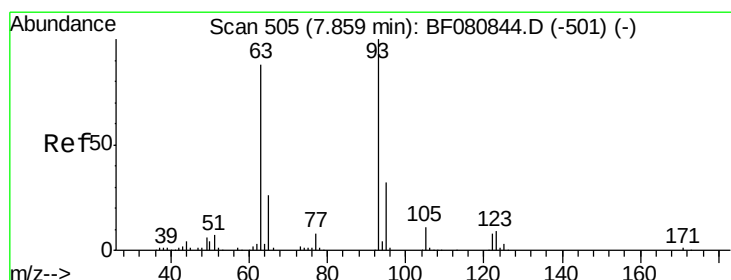
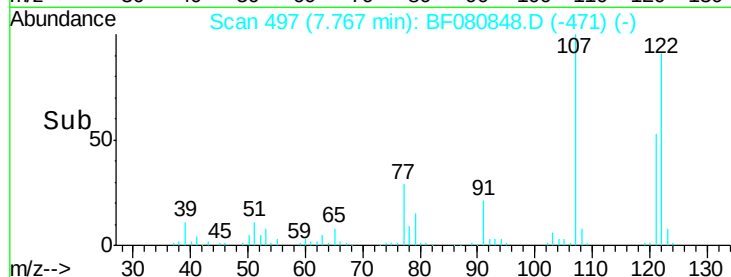
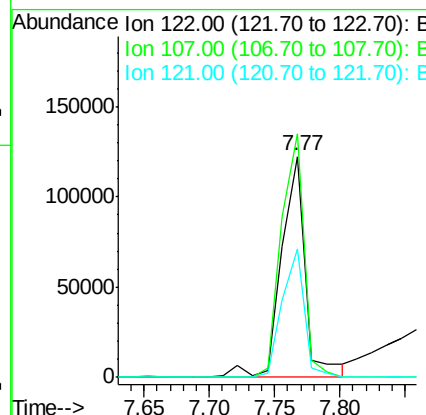
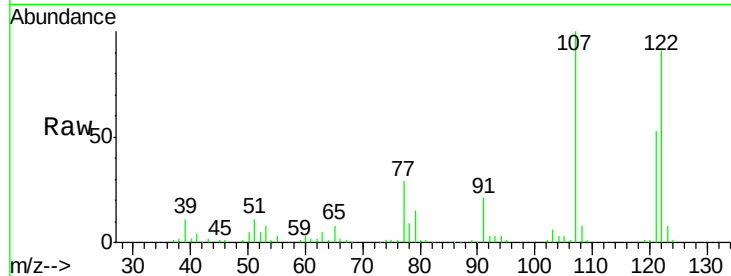




#27
 2,4-Dimethylphenol
 Concen: 41.47 ng
 RT: 7.77 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: BF080848.D
 Acq: 4 Aug 2015 20:18

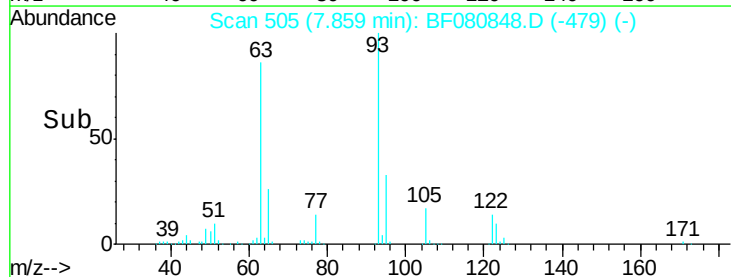
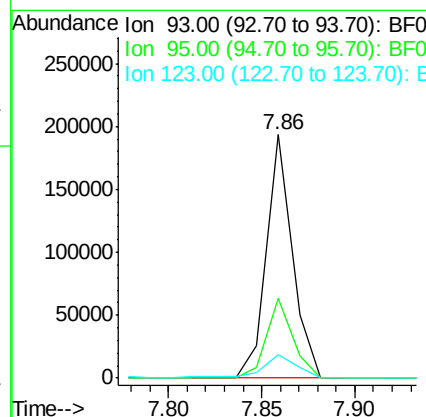
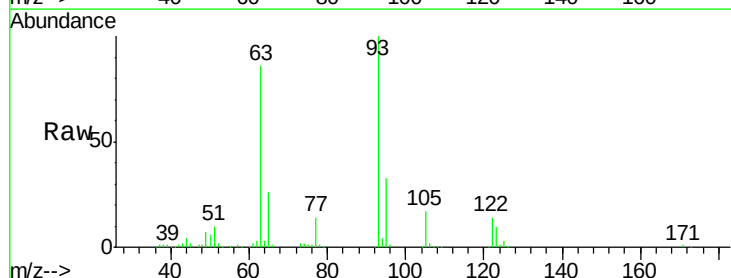
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF080415

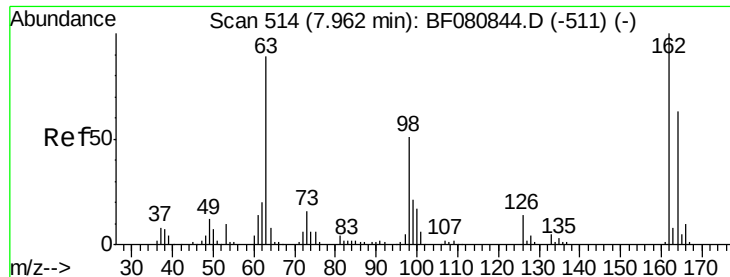
Tgt Ion: 122 Resp: 158093
 Ion Ratio Lower Upper
 122 100
 107 110.1 88.2 132.4
 121 58.1 46.8 70.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.36 ng
 RT: 7.86 min Scan# 505
 Delta R.T. -0.00 min
 Lab File: BF080848.D
 Acq: 4 Aug 2015 20:18

Tgt Ion: 93 Resp: 185449
 Ion Ratio Lower Upper
 93 100
 95 33.0 25.9 38.9
 123 9.8 7.9 11.9

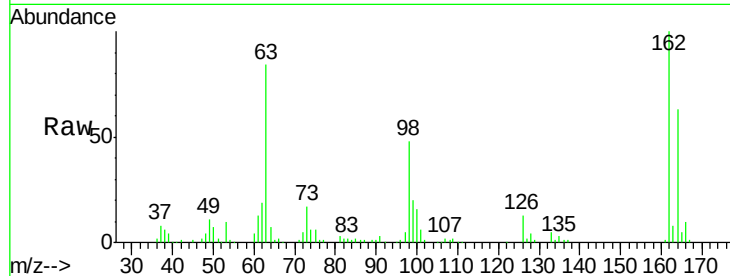




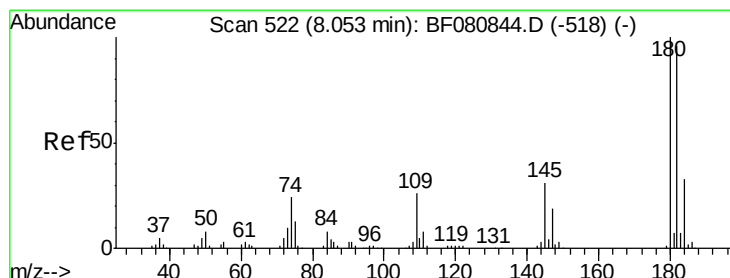
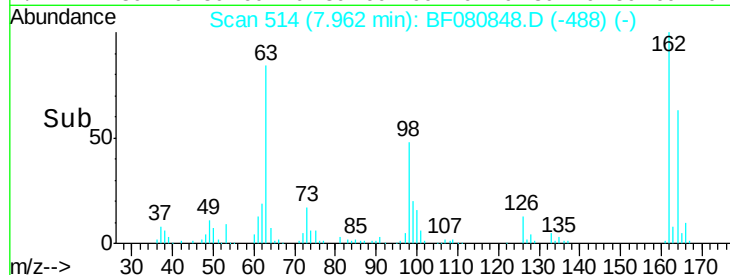
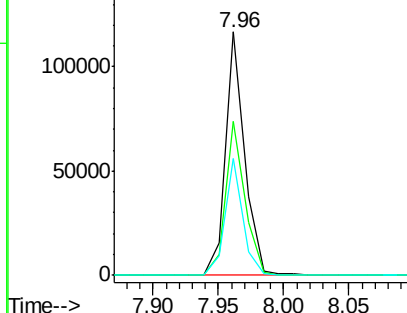
#29
 2,4-Dichlorophenol
 Concen: 37.86 ng
 RT: 7.96 min Scan# 514
 Delta R.T. -0.00 min
 Lab File: BF080848.D
 Acq: 4 Aug 2015 20:18

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF080415

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.4	43.1	83.1
98	48.0	31.3	71.3

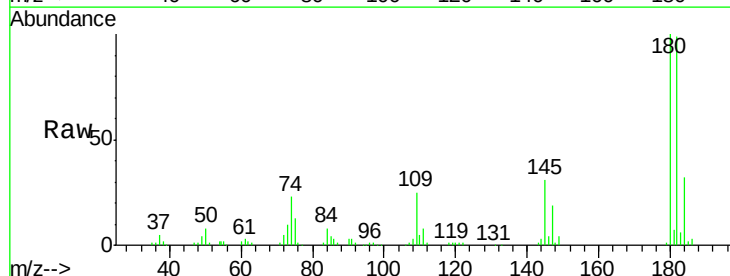


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

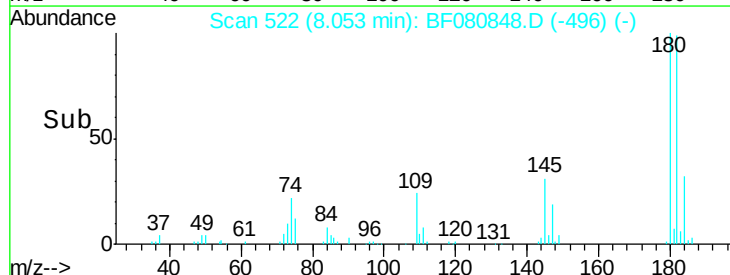
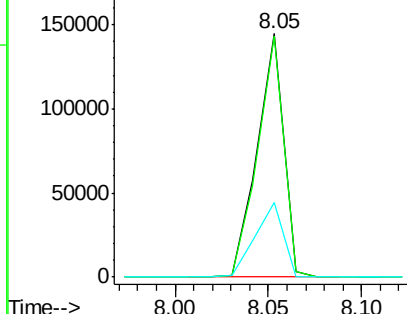


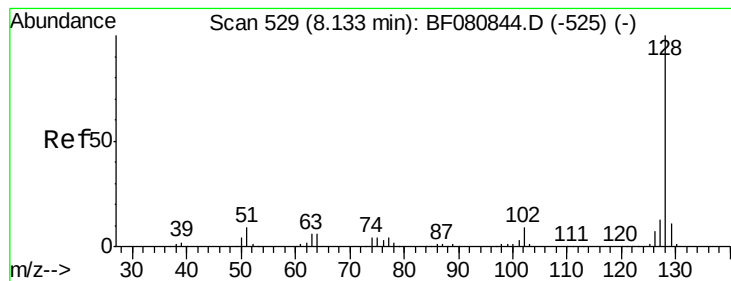
#30
 1,2,4-Trichlorobenzene
 Concen: 39.54 ng
 RT: 8.05 min Scan# 522
 Delta R.T. -0.00 min
 Lab File: BF080848.D
 Acq: 4 Aug 2015 20:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.8	77.0	115.4
145	30.8	25.1	37.7



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: 40.86 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.00 min

Lab File: BF080848.D

Acq: 4 Aug 2015 20:18

Instrument :

BNA_F

ClientSampleId :

ICVBF080415

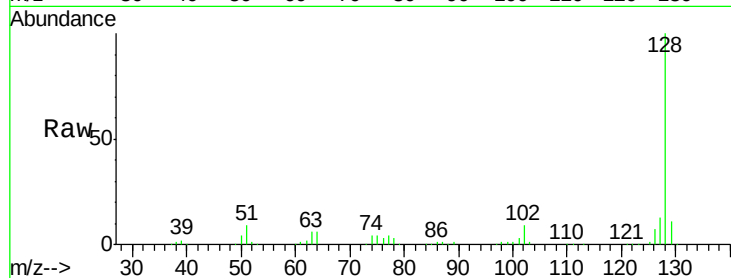
Tgt Ion:128 Resp: 504777

Ion Ratio Lower Upper

128 100

129 11.0 8.7 13.1

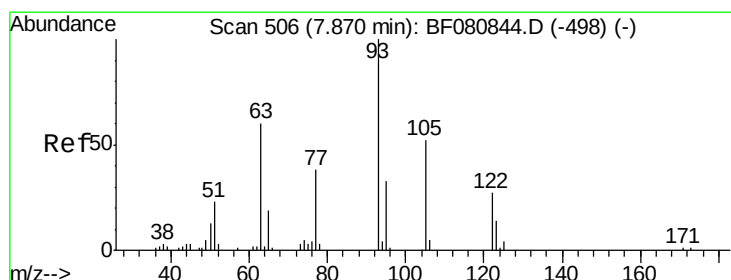
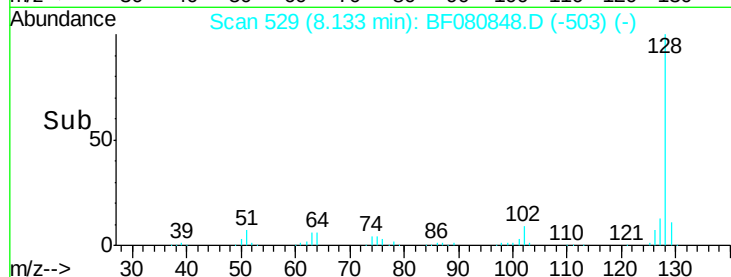
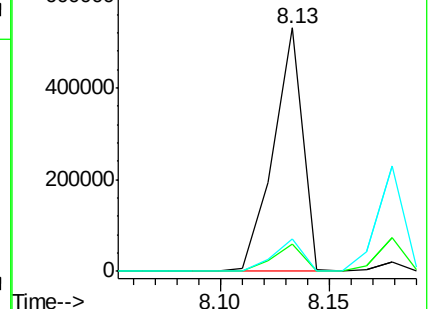
127 13.2 10.6 15.8



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: 35.47 ng

RT: 7.86 min Scan# 505

Delta R.T. -0.01 min

Lab File: BF080848.D

Acq: 4 Aug 2015 20:18

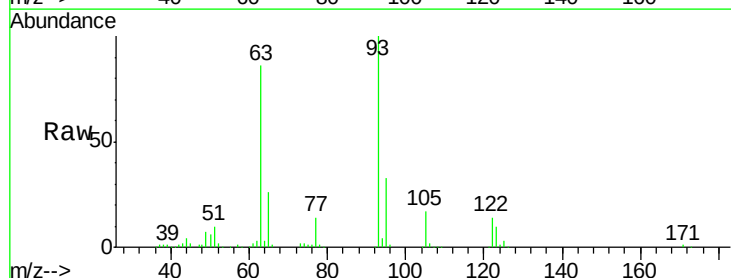
Tgt Ion:122 Resp: 89783

Ion Ratio Lower Upper

122 100

105 125.4 110.1 150.1

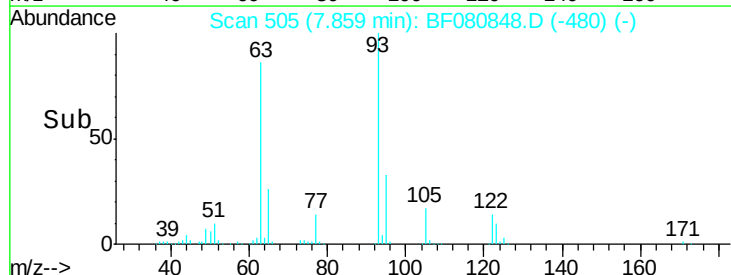
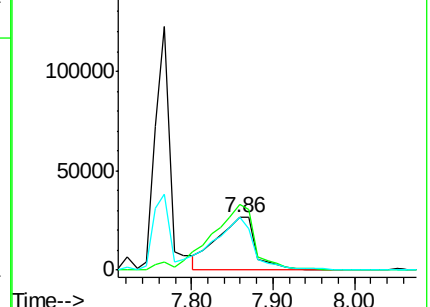
77 100.0 83.6 123.6

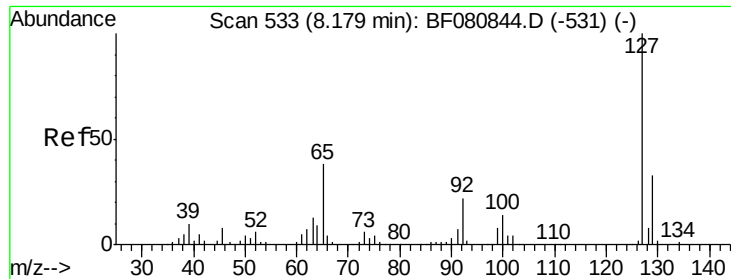


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

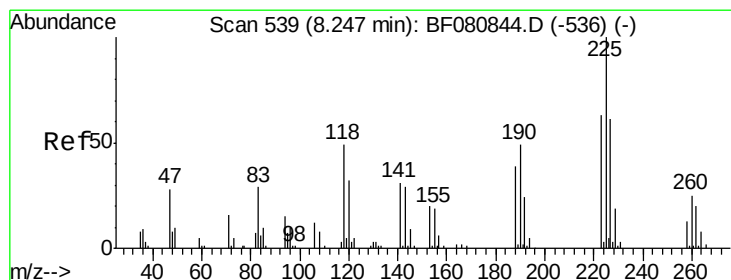
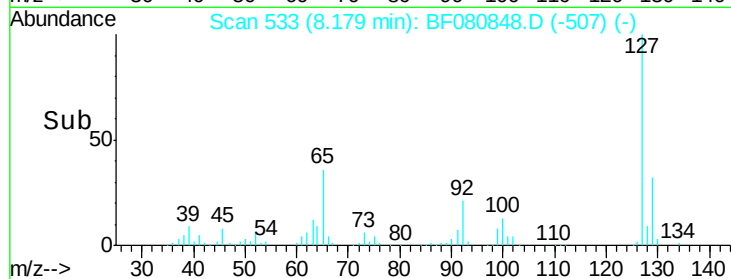
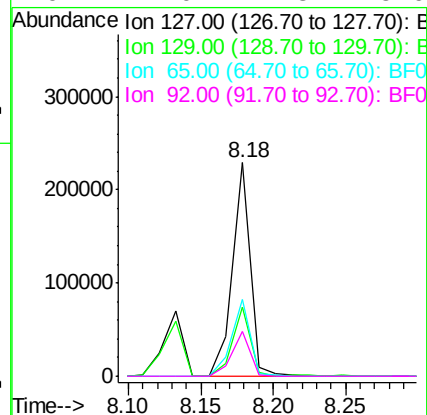
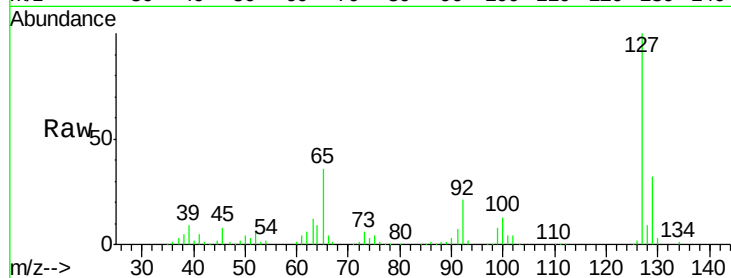




#33
 4-Chloroaniline
 Concen: 40.75 ng
 RT: 8.18 min Scan# 533
 Delta R.T. -0.00 min
 Lab File: BF080848.D
 Acq: 4 Aug 2015 20:18

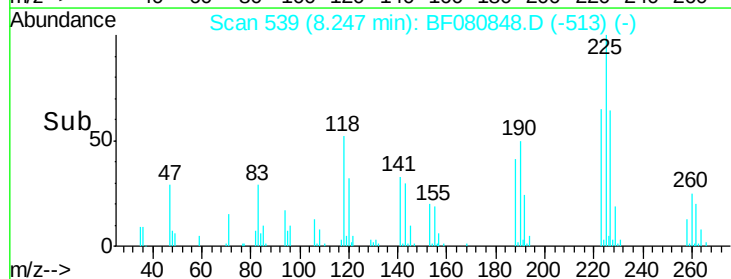
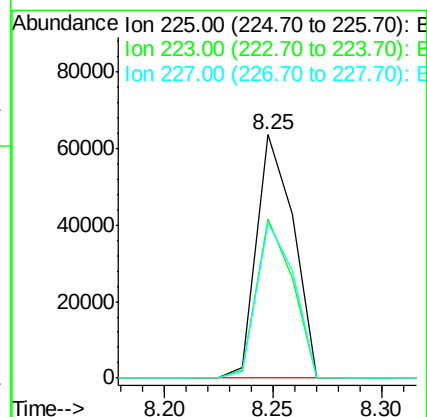
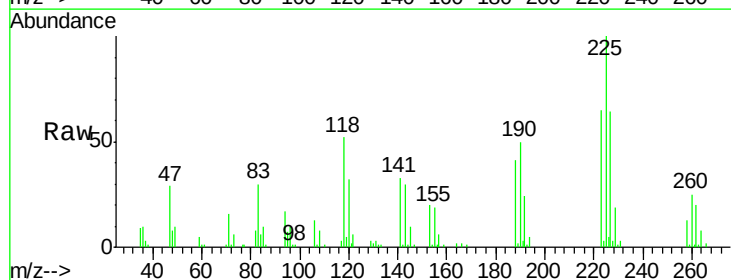
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF080415

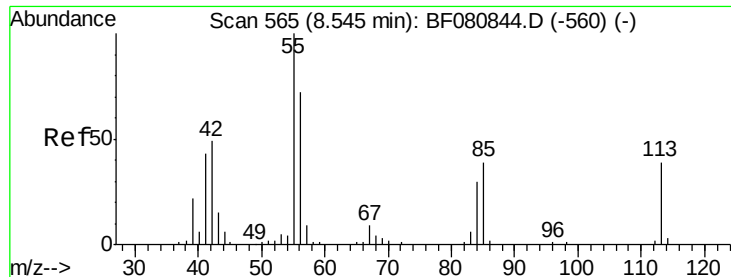
Tgt Ion:	127	Resp:	196931
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.2	39.2
65	35.9	30.3	45.5
92	21.0	17.3	25.9



#34
 Hexachlorobutadiene
 Concen: 36.73 ng
 RT: 8.25 min Scan# 539
 Delta R.T. -0.00 min
 Lab File: BF080848.D
 Acq: 4 Aug 2015 20:18

Tgt Ion:	225	Resp:	74988
Ion	Ratio	Lower	Upper
225	100		
223	65.5	50.0	75.0
227	63.9	48.5	72.7





#35

Caprolactam

Concen: 36.96 ng

RT: 8.53 min Scan# 564

Delta R.T. -0.01 min

Lab File: BF080848.D

Acq: 4 Aug 2015 20:18

Instrument :

BNA_F

ClientSampleId :

ICVBF080415

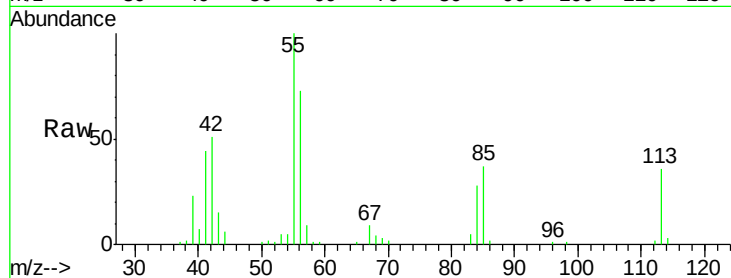
Tgt Ion:113 Resp: 33219

Ion Ratio Lower Upper

113 100

55 280.0 236.2 276.2#

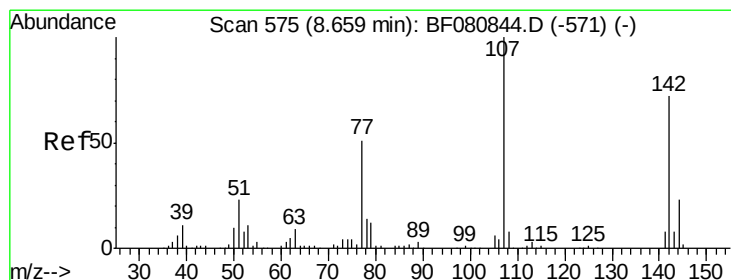
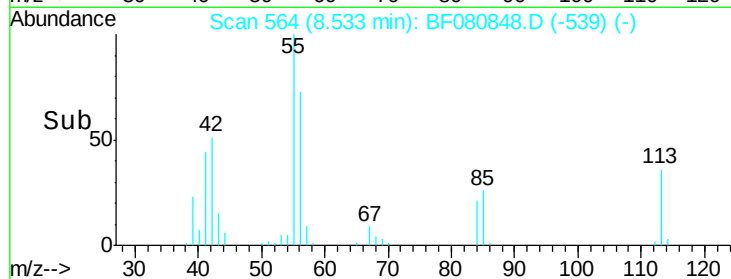
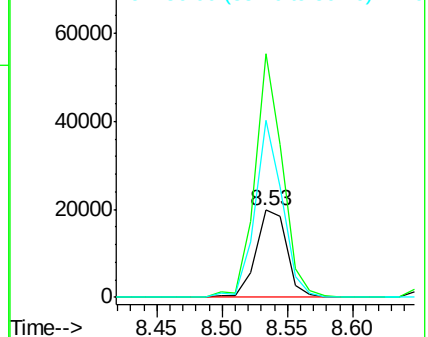
56 203.5 165.2 205.2



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: 39.30 ng

RT: 8.66 min Scan# 575

Delta R.T. -0.00 min

Lab File: BF080848.D

Acq: 4 Aug 2015 20:18

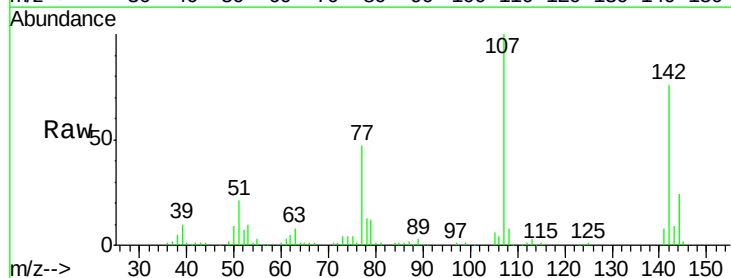
Tgt Ion:107 Resp: 135704

Ion Ratio Lower Upper

107 100

144 24.1 18.3 27.5

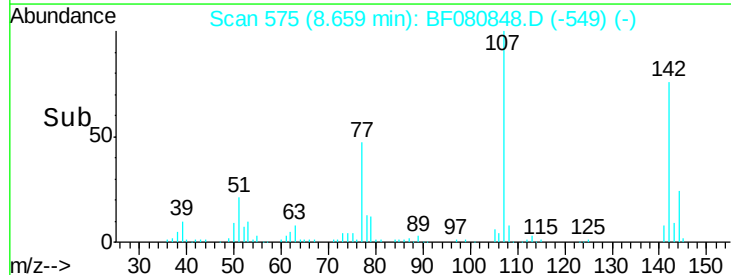
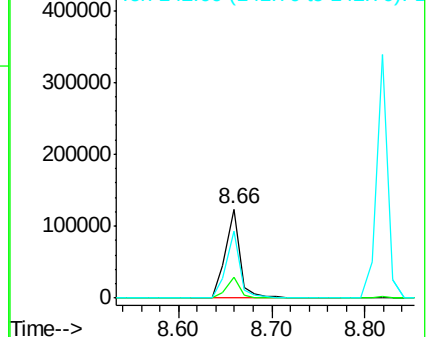
142 75.6 57.8 86.8

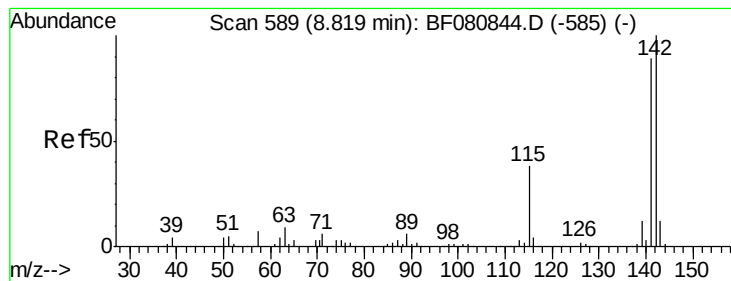


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 38.42 ng

RT: 8.82 min Scan# 589

Delta R.T. -0.00 min

Lab File: BF080848.D

Acq: 4 Aug 2015 20:18

Instrument :

BNA_F

ClientSampleId :

ICVBF080415

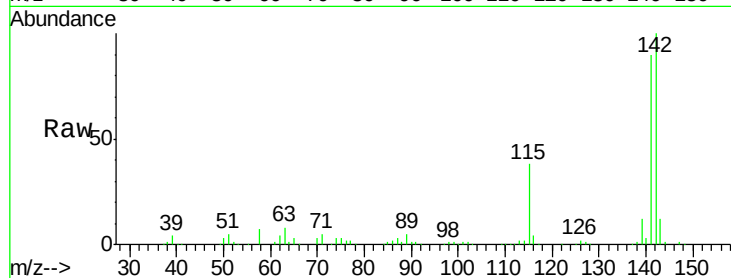
Tgt Ion:142 Resp: 284460

Ion Ratio Lower Upper

142 100

141 89.6 71.5 107.3

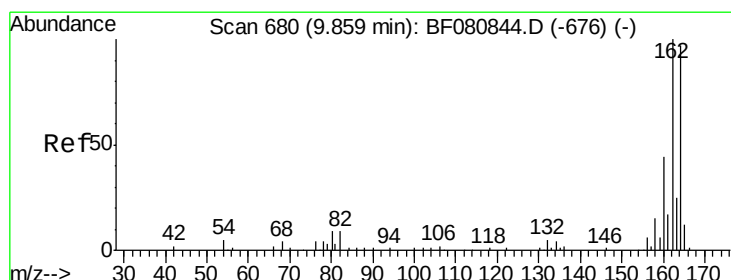
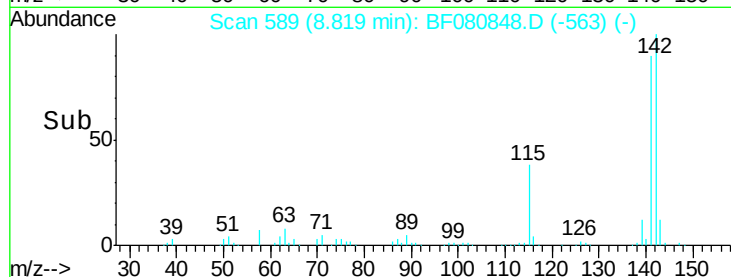
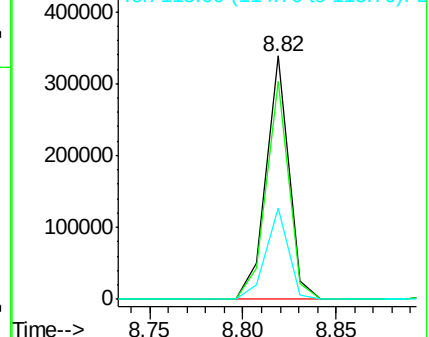
115 37.6 30.5 45.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.00 min

Lab File: BF080848.D

Acq: 4 Aug 2015 20:18

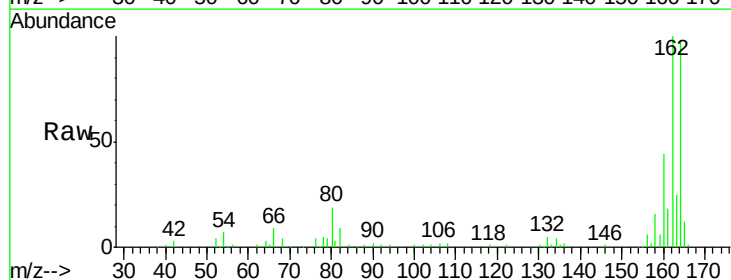
Tgt Ion:164 Resp: 90132

Ion Ratio Lower Upper

164 100

162 102.5 82.9 124.3

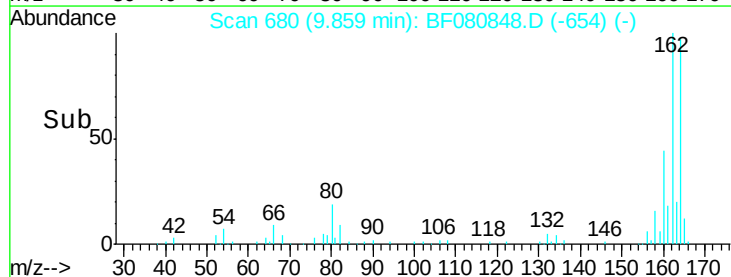
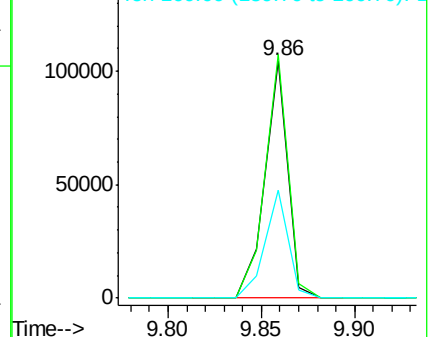
160 45.3 36.6 54.8

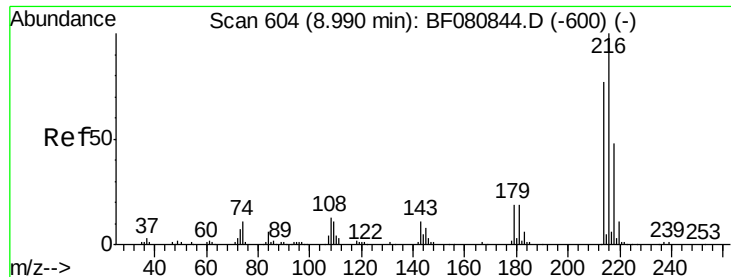


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

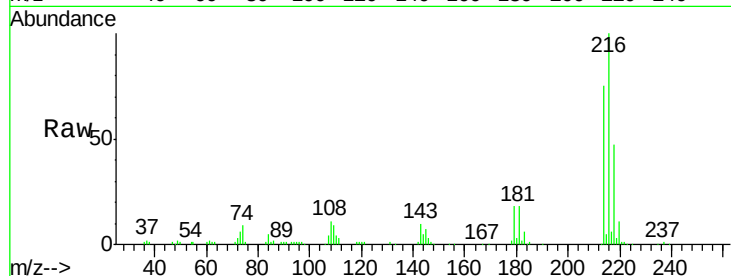




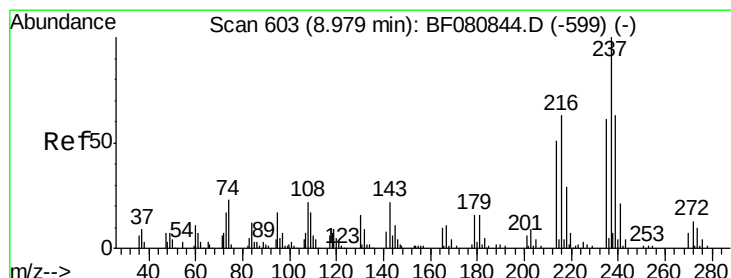
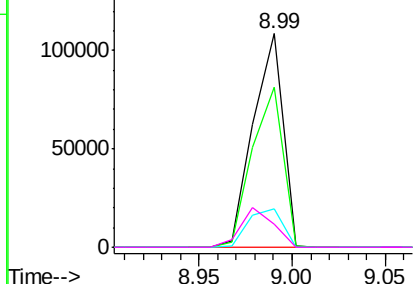
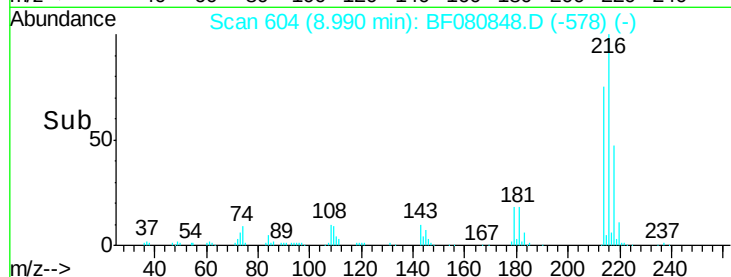
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.90 ng
 RT: 8.99 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: BF080848.D
 Acq: 4 Aug 2015 20:18

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF080415

Tgt Ion:	216	Resp:	119644
Ion	Ratio	Lower	Upper
216	100		
214	77.2	62.1	93.1
179	21.1	17.0	25.6
108	20.3	16.5	24.7

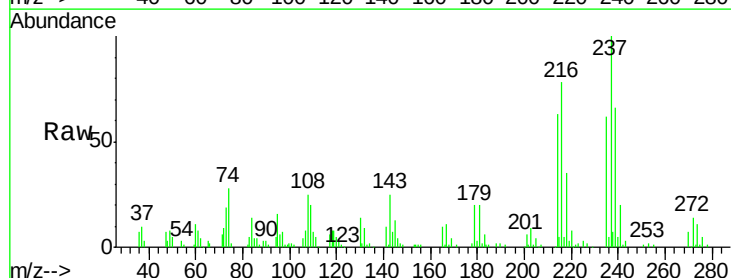


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

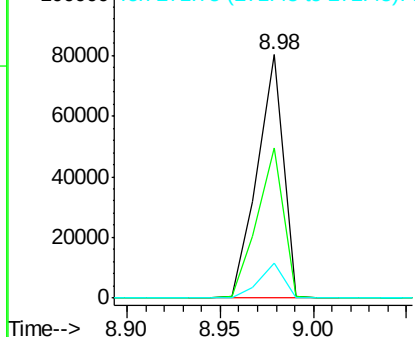
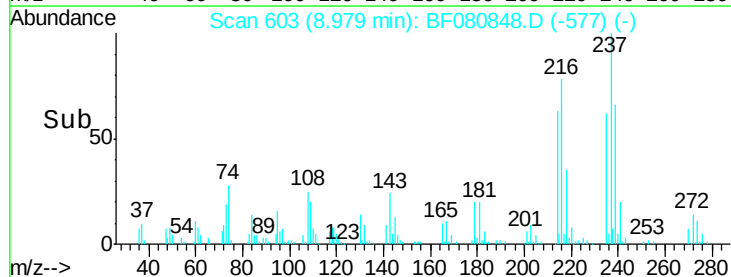


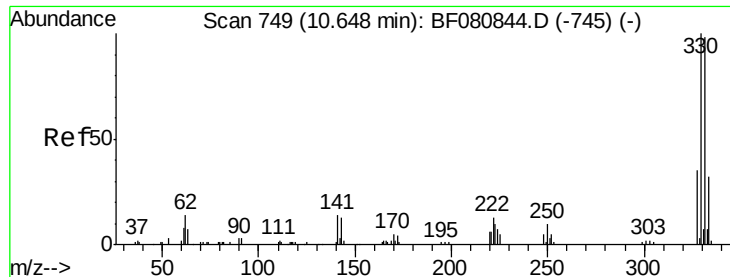
#40
 Hexachlorocyclopentadiene
 Concen: 42.11 ng
 RT: 8.98 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: BF080848.D
 Acq: 4 Aug 2015 20:18

Tgt Ion:	237	Resp:	77774
Ion	Ratio	Lower	Upper
237	100		
235	61.7	40.9	80.9
272	14.3	0.0	33.1



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

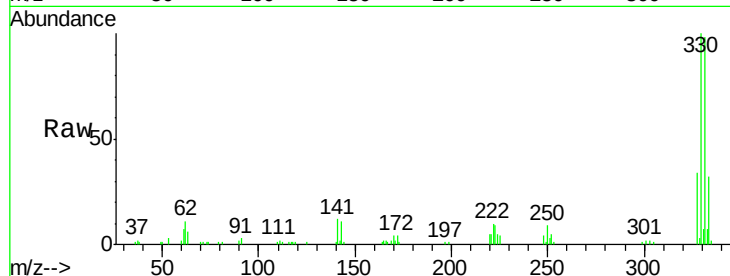




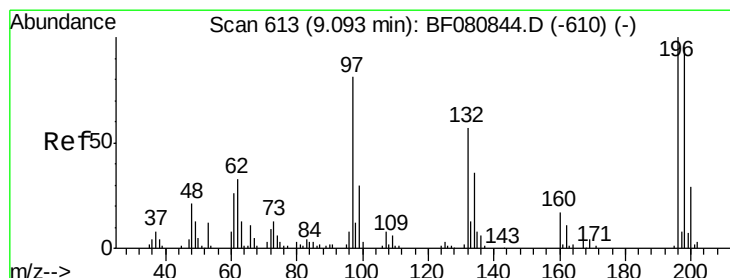
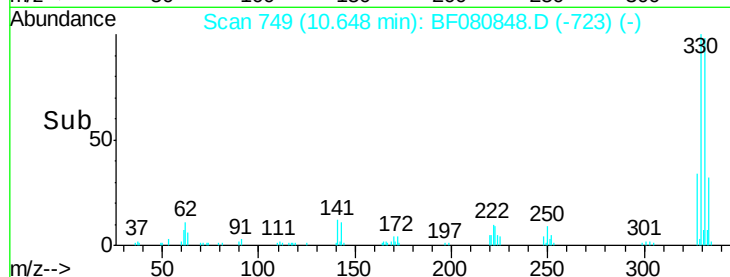
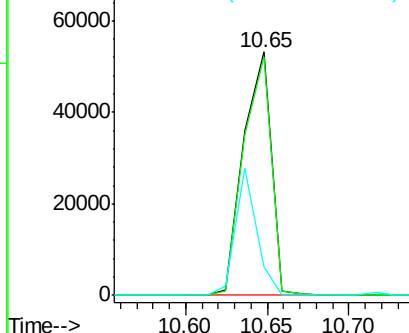
#41
 2,4,6-Tribromophenol
 Concen: 72.34 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.00 min
 Lab File: BF080848.D
 Acq: 4 Aug 2015 20:18

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF080415

Tgt Ion:330 Resp: 62876
 Ion Ratio Lower Upper
 330 100
 332 97.6 77.8 116.8
 141 39.1 28.4 42.6

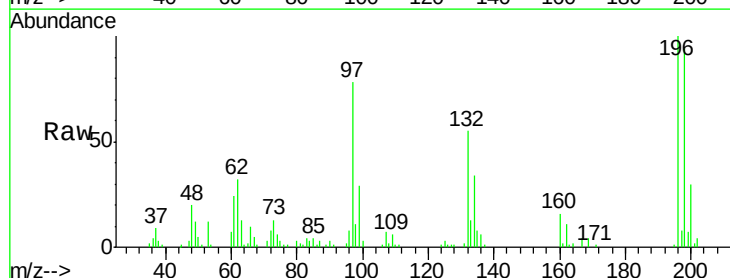


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

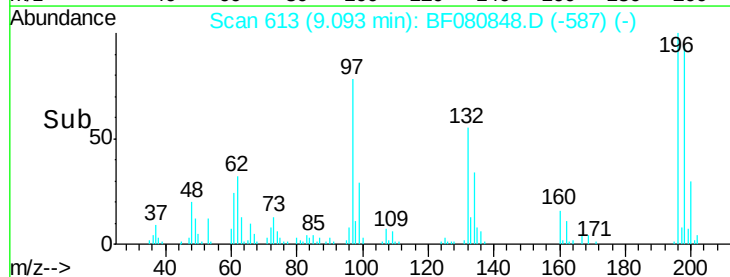
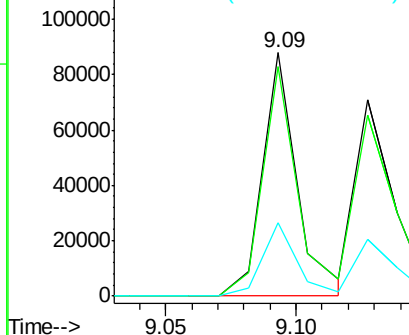


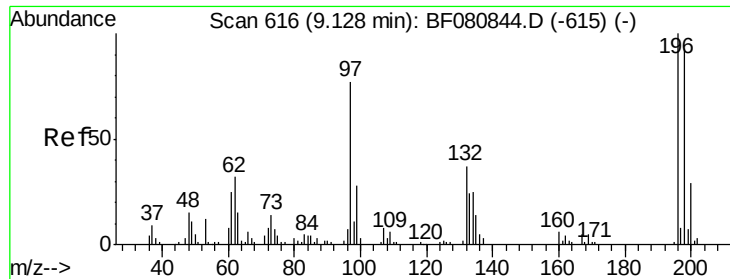
#42
 2,4,6-Trichlorophenol
 Concen: 38.89 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF080848.D
 Acq: 4 Aug 2015 20:18

Tgt Ion:196 Resp: 81082
 Ion Ratio Lower Upper
 196 100
 198 94.3 76.4 114.6
 200 30.3 23.1 34.7



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

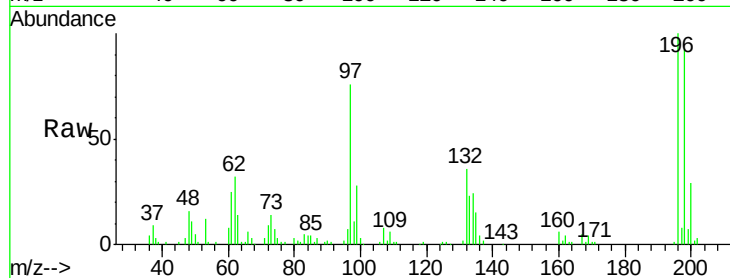




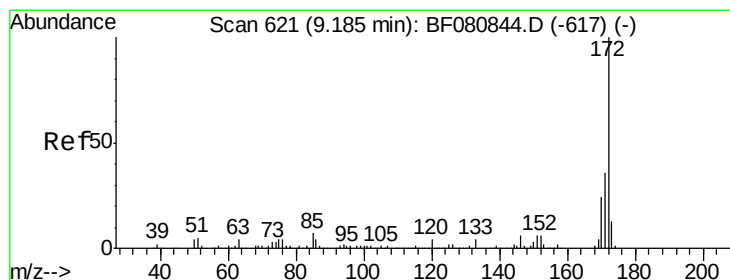
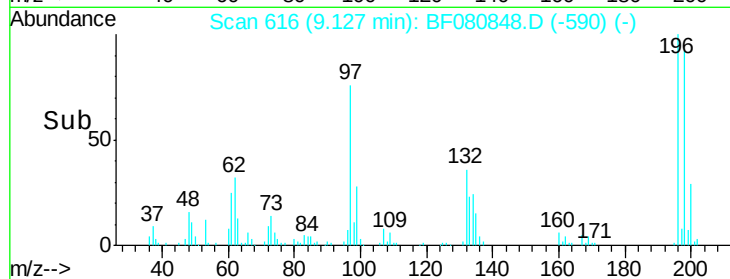
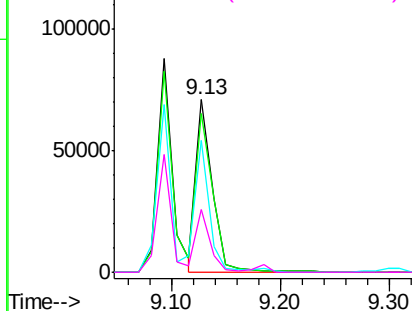
#43
 2,4,5-Trichlorophenol
 Concen: 35.98 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF080848.D
 Acq: 4 Aug 2015 20:18

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF080415

Tgt Ion:	196	Resp:	75229
Ion	Ratio	Lower	Upper
196	100		
198	92.1	74.2	111.4
97	76.5	63.0	94.6
132	36.4	30.0	45.0

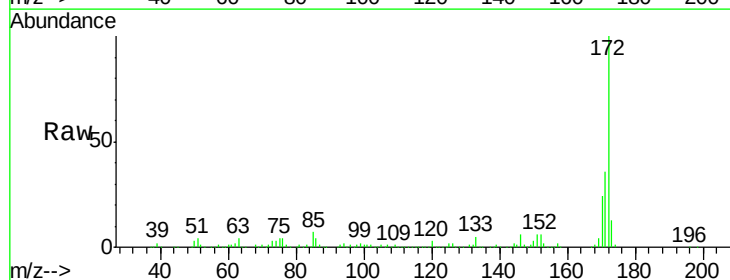


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

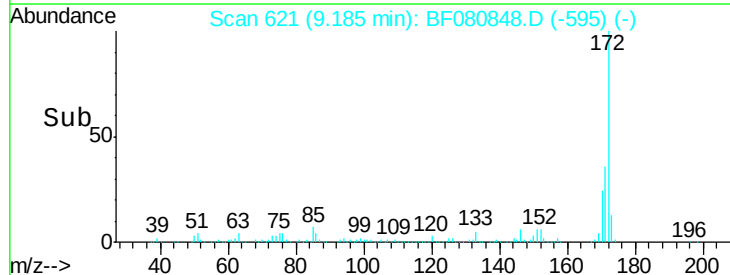
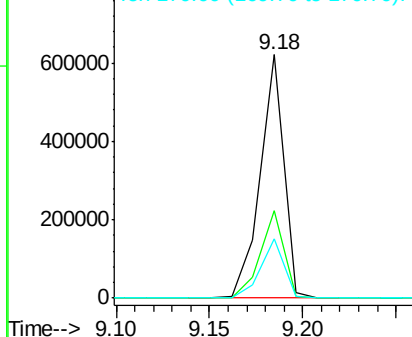


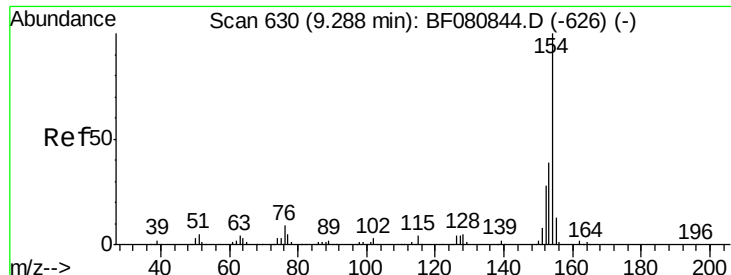
#44
 2-Fluorobiphenyl
 Concen: 80.90 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.00 min
 Lab File: BF080848.D
 Acq: 4 Aug 2015 20:18

Tgt Ion:	172	Resp:	541478
Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.9	43.3
170	24.2	19.4	29.2



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: 37.85 ng

RT: 9.29 min Scan# 630

Delta R.T. -0.00 min

Lab File: BF080848.D

Acq: 4 Aug 2015 20:18

Instrument :

BNA_F

ClientSampleId :

ICVBF080415

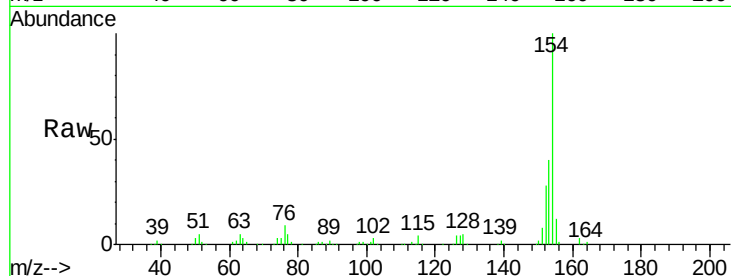
Tgt Ion:154 Resp: 314518

Ion Ratio Lower Upper

154 100

153 40.4 19.2 59.2

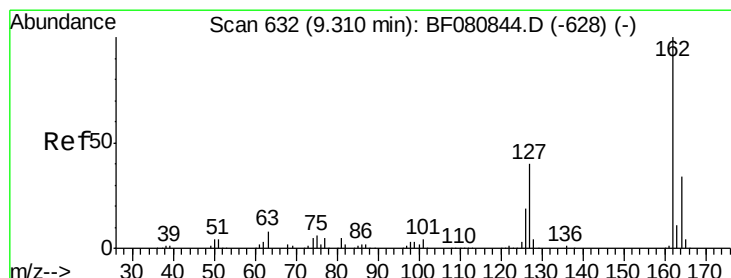
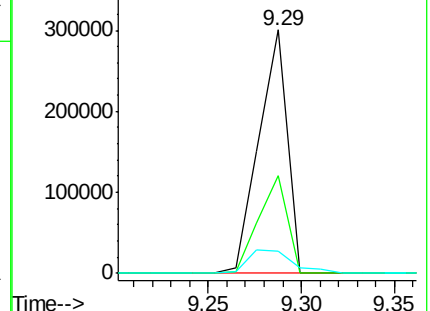
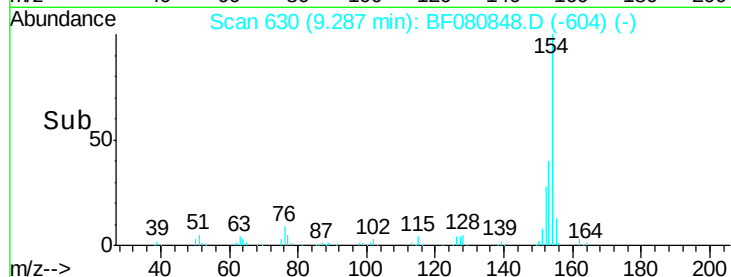
76 9.4 0.0 29.3



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: 38.71 ng

RT: 9.31 min Scan# 632

Delta R.T. -0.00 min

Lab File: BF080848.D

Acq: 4 Aug 2015 20:18

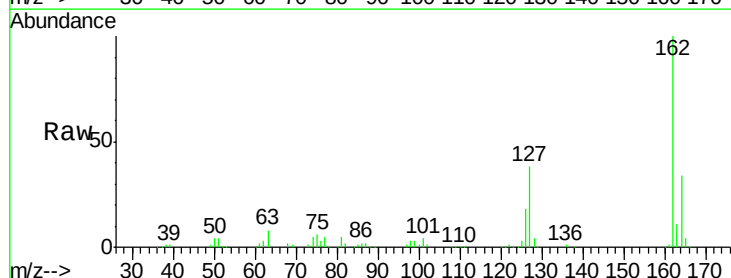
Tgt Ion:162 Resp: 250140

Ion Ratio Lower Upper

162 100

127 38.5 31.9 47.9

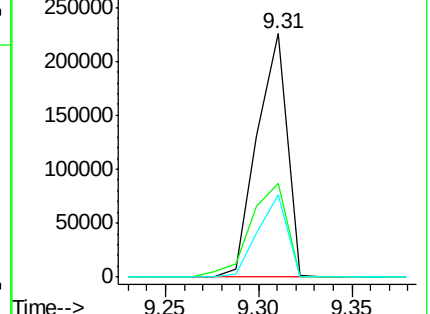
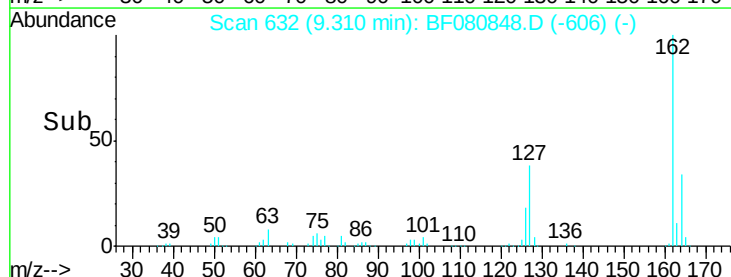
164 33.8 26.8 40.2

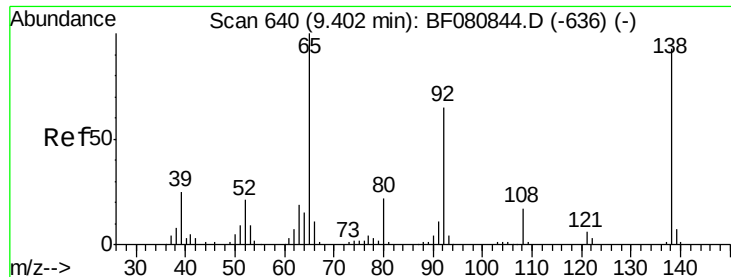


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

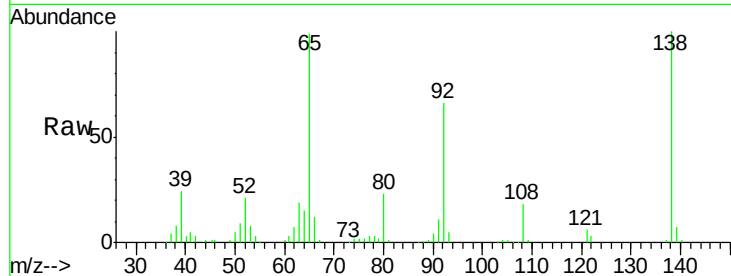




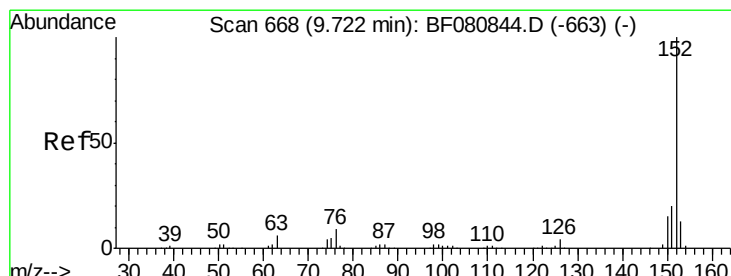
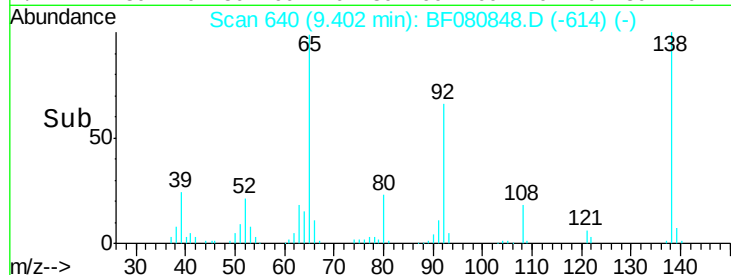
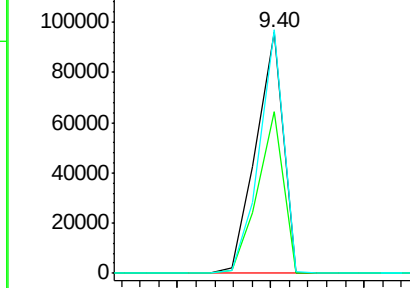
#47
2-Nitroaniline
Concen: 41.14 ng
RT: 9.40 min Scan# 640
Delta R.T. -0.00 min
Lab File: BF080848.D
Acq: 4 Aug 2015 20:18

Instrument :
BNA_F
ClientSampleId :
ICVBF080415

Tgt Ion: 65 Resp: 96779
Ion Ratio Lower Upper
65 100
92 67.1 51.7 77.5
138 101.2 74.2 111.2

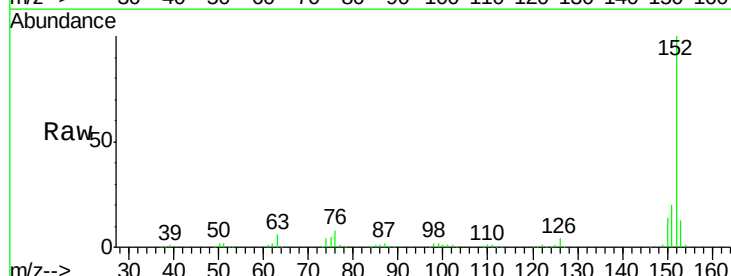


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

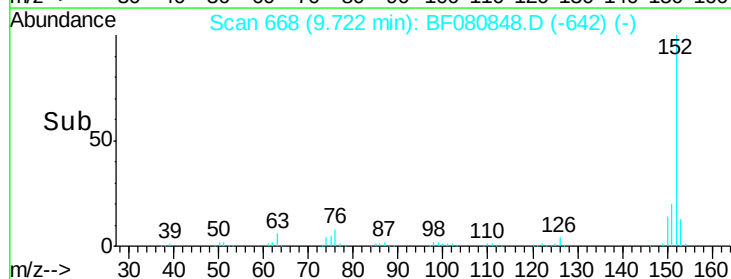
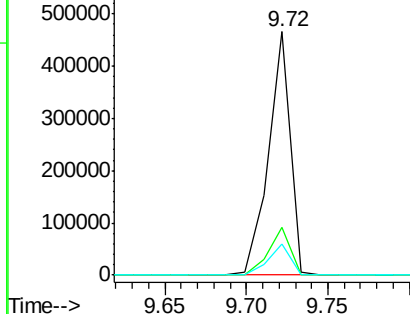


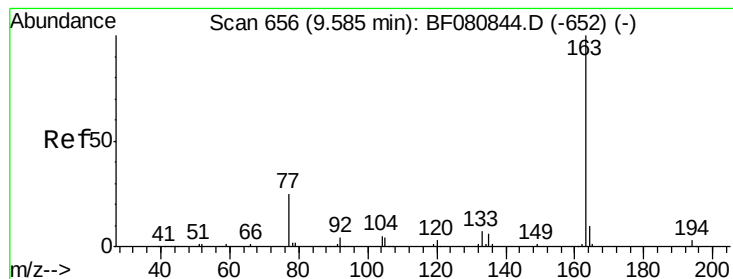
#48
Acenaphthylene
Concen: 40.65 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.00 min
Lab File: BF080848.D
Acq: 4 Aug 2015 20:18

Tgt Ion: 152 Resp: 432220
Ion Ratio Lower Upper
152 100
151 19.8 16.2 24.4
153 13.1 10.6 15.8



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 39.97 ng

RT: 9.58 min Scan# 656

Delta R.T. -0.00 min

Lab File: BF080848.D

Acq: 4 Aug 2015 20:18

Instrument :

BNA_F

ClientSampleId :

ICVBF080415

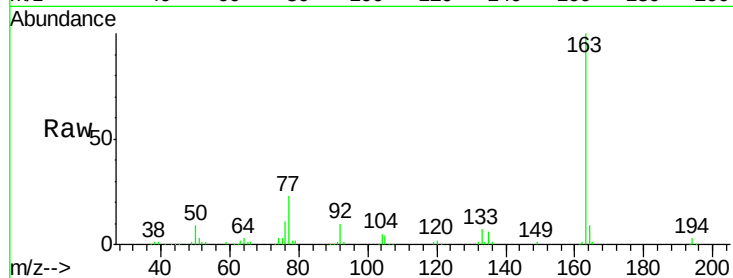
Tgt Ion:163 Resp: 262751

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

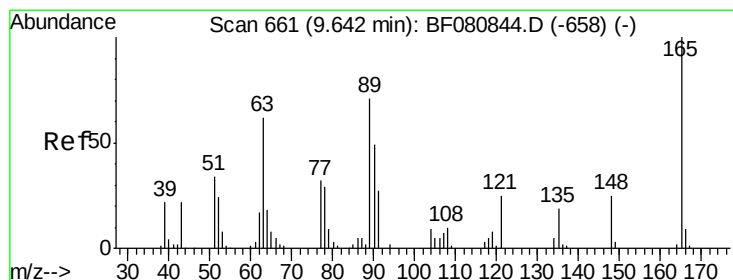
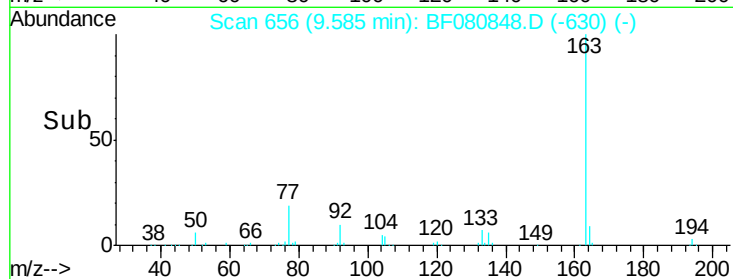
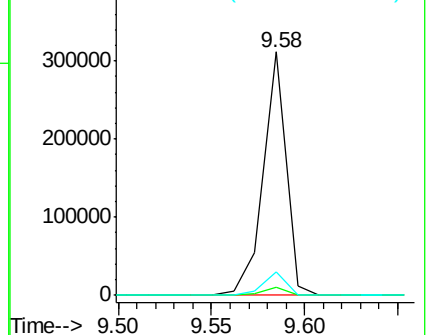
164 9.5 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 39.70 ng

RT: 9.64 min Scan# 661

Delta R.T. -0.00 min

Lab File: BF080848.D

Acq: 4 Aug 2015 20:18

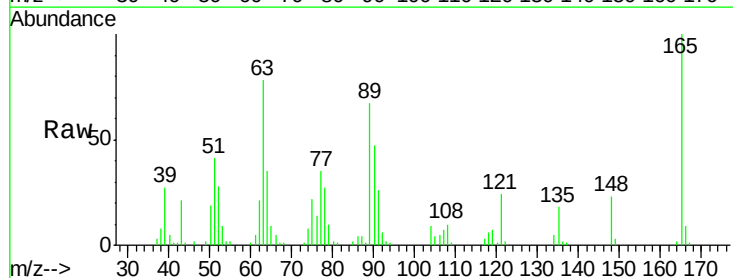
Tgt Ion:165 Resp: 54576

Ion Ratio Lower Upper

165 100

63 78.1 65.0 97.6

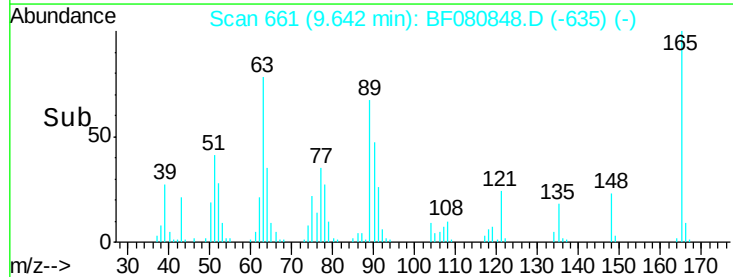
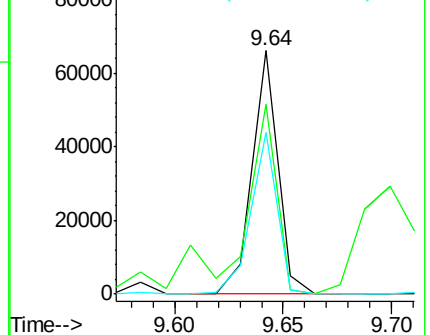
89 66.6 56.6 85.0

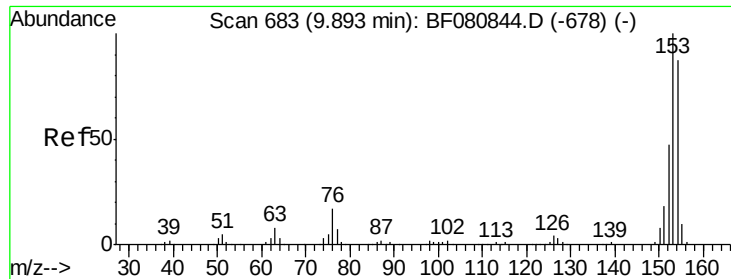


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.20 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.00 min

Lab File: BF080848.D

Acq: 4 Aug 2015 20:18

Instrument :

BNA_F

ClientSampleId :

ICVBF080415

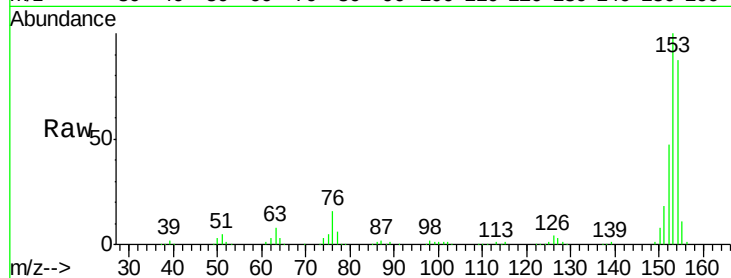
Tgt Ion:154 Resp: 256988

Ion Ratio Lower Upper

154 100

153 114.5 91.8 137.6

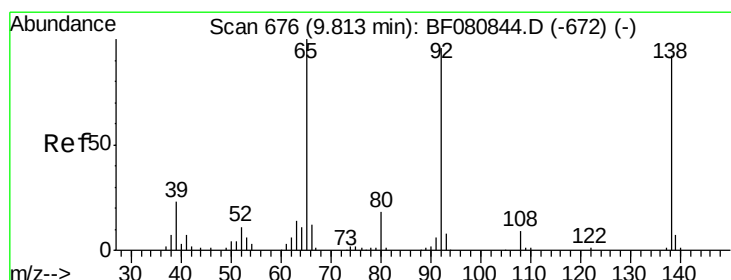
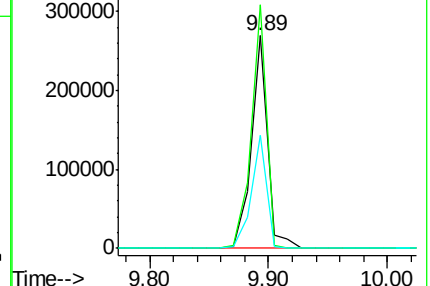
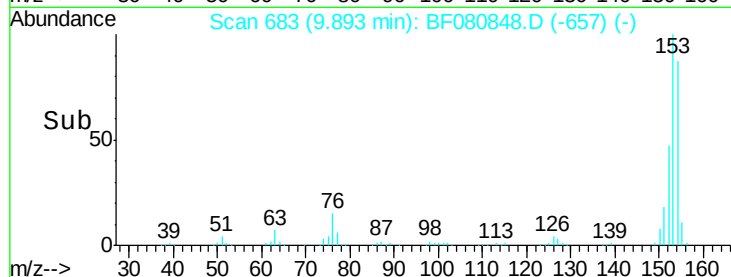
152 53.4 43.2 64.8



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: 36.62 ng

RT: 9.81 min Scan# 676

Delta R.T. -0.00 min

Lab File: BF080848.D

Acq: 4 Aug 2015 20:18

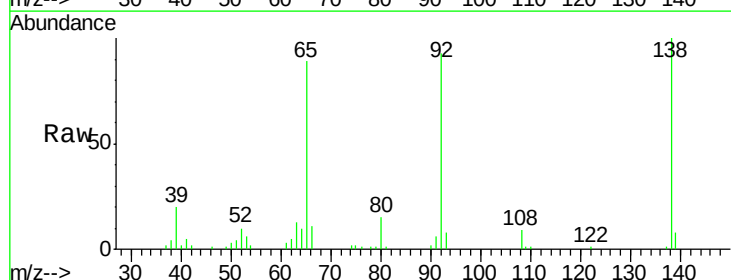
Tgt Ion:138 Resp: 62182

Ion Ratio Lower Upper

138 100

108 9.0 7.9 11.9

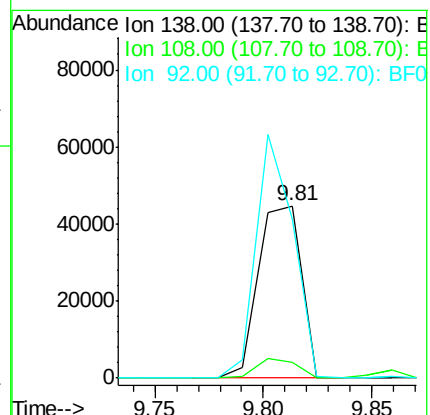
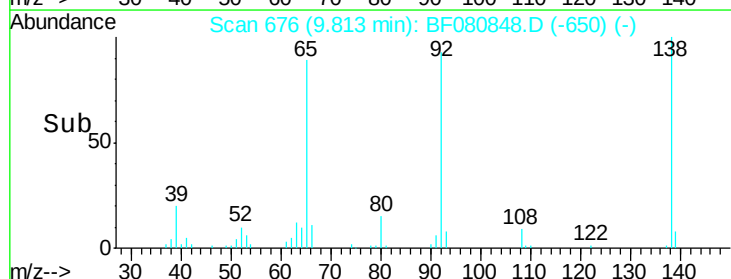
92 92.6 83.7 125.5

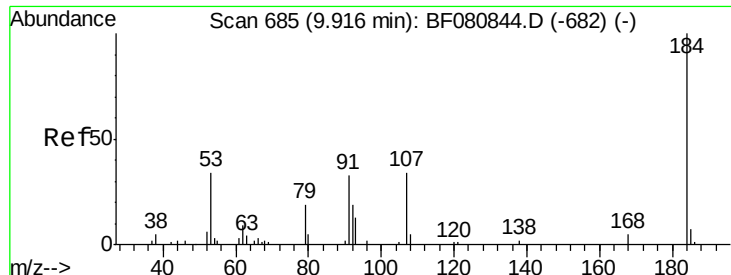


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

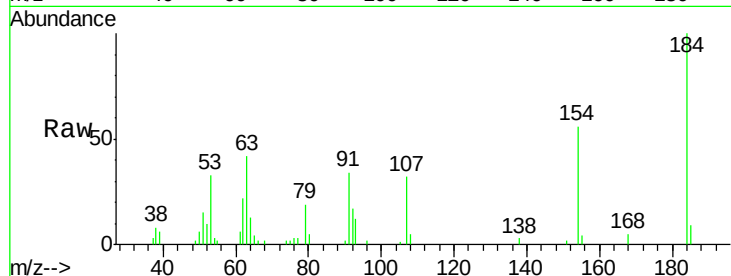




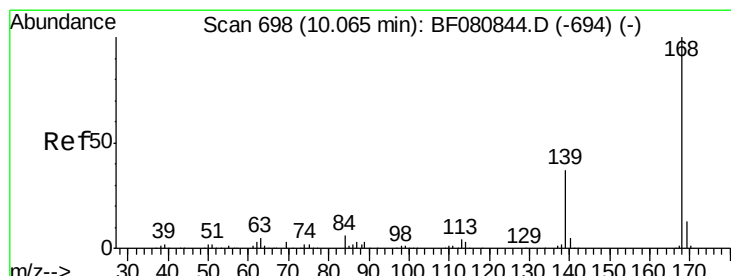
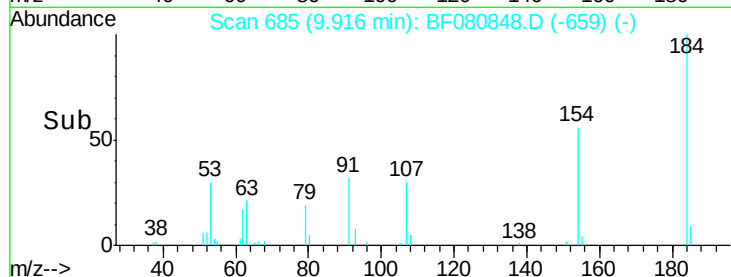
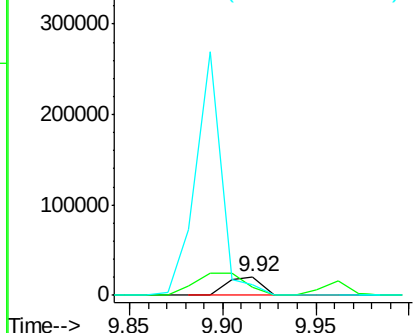
#53
 2,4-Dinitrophenol
 Concen: 35.75 ng
 RT: 9.92 min Scan# 685
 Delta R.T. 0.00 min
 Lab File: BF080848.D
 Acq: 4 Aug 2015 20:18

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF080415

Tgt Ion:184 Resp: 27015
 Ion Ratio Lower Upper
 184 100
 63 41.8 33.8 50.6
 154 55.9 44.2 66.2

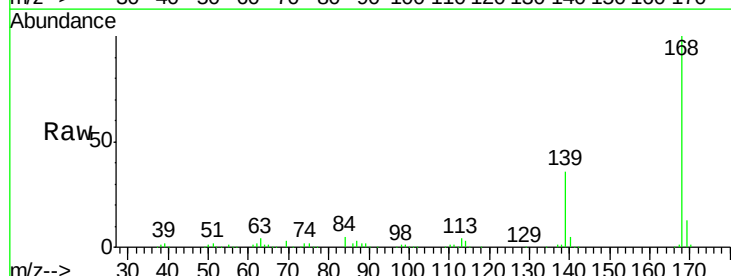


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

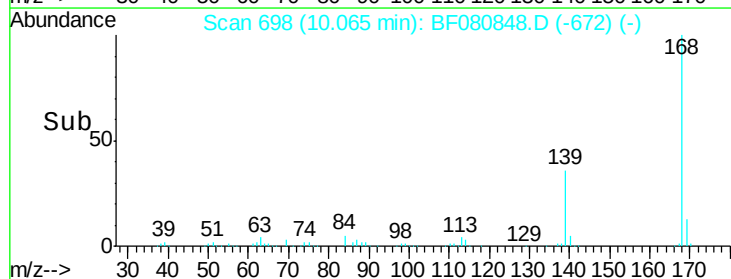
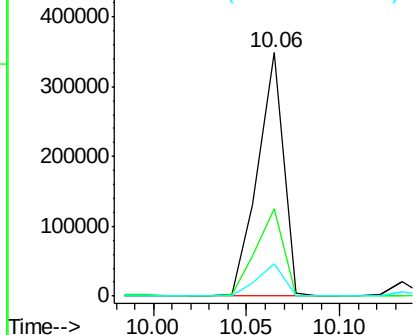


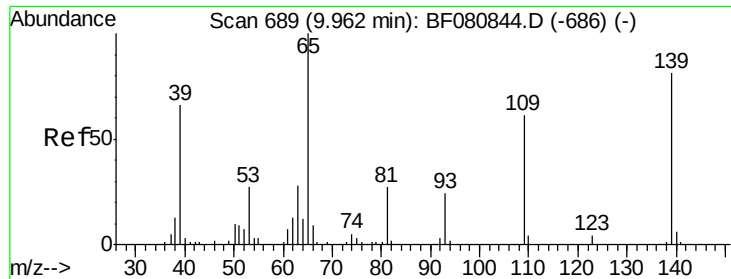
#54
 Dibenzofuran
 Concen: 39.10 ng
 RT: 10.06 min Scan# 698
 Delta R.T. -0.00 min
 Lab File: BF080848.D
 Acq: 4 Aug 2015 20:18

Tgt Ion:168 Resp: 333270
 Ion Ratio Lower Upper
 168 100
 139 35.8 30.0 45.0
 169 13.1 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

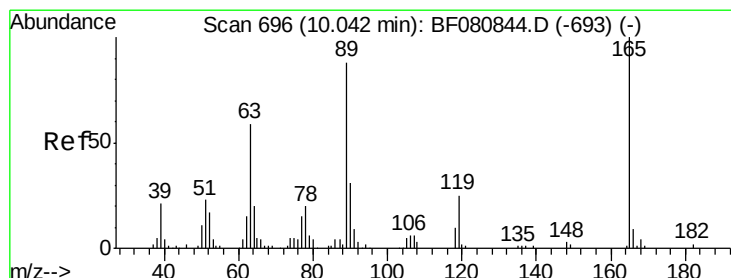
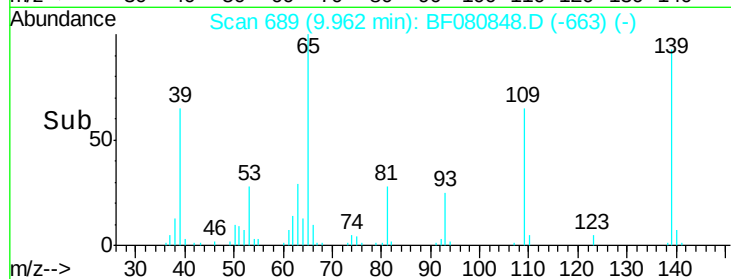
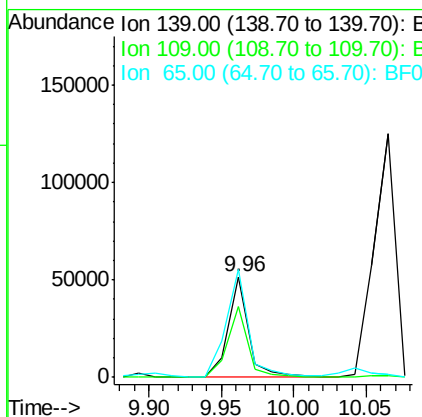
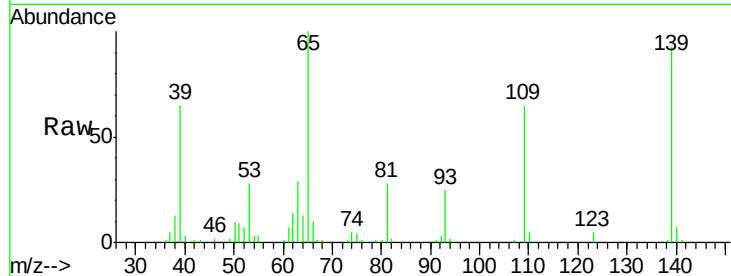




#55
 4-Nitrophenol
 Concen: 43.08 ng
 RT: 9.96 min Scan# 689
 Delta R.T. -0.00 min
 Lab File: BF080848.D
 Acq: 4 Aug 2015 20:18

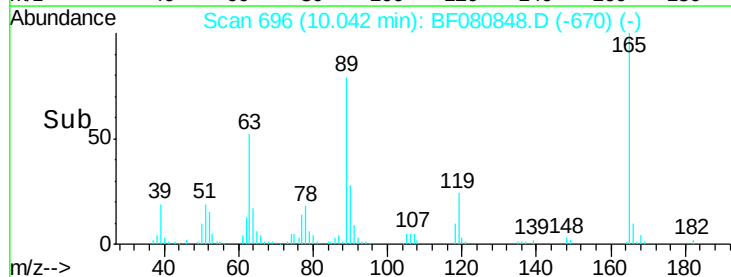
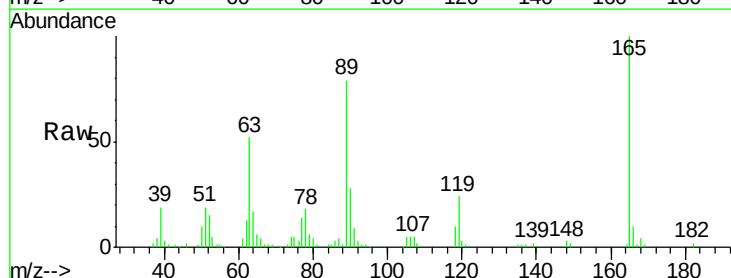
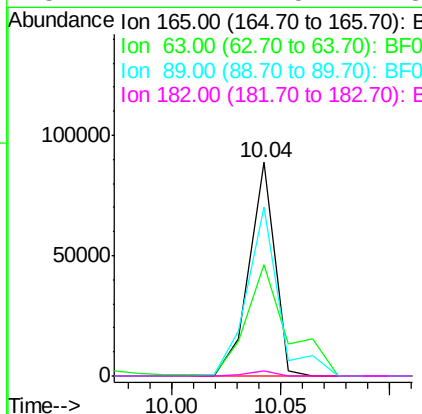
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF080415

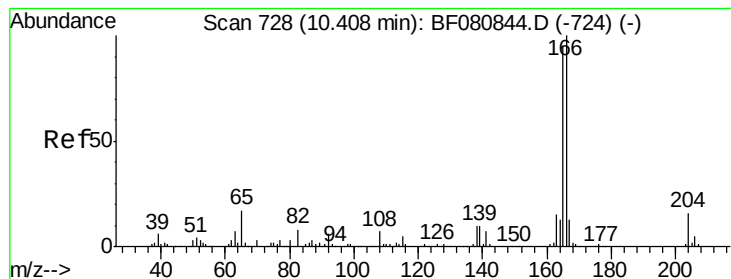
Tgt Ion:139 Resp: 51464
 Ion Ratio Lower Upper
 139 100
 109 70.0 54.4 94.4
 65 107.5 103.0 143.0



#56
 2,4-Dinitrotoluene
 Concen: 41.97 ng
 RT: 10.04 min Scan# 696
 Delta R.T. -0.00 min
 Lab File: BF080848.D
 Acq: 4 Aug 2015 20:18

Tgt Ion:165 Resp: 72843
 Ion Ratio Lower Upper
 165 100
 63 52.2 47.2 70.8
 89 78.8 70.2 105.2
 182 2.2 1.5 2.3





#57

Fluorene

Concen: 37.65 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF080848.D

Acq: 4 Aug 2015 20:18

Instrument :

BNA_F

ClientSampleId :

ICVBF080415

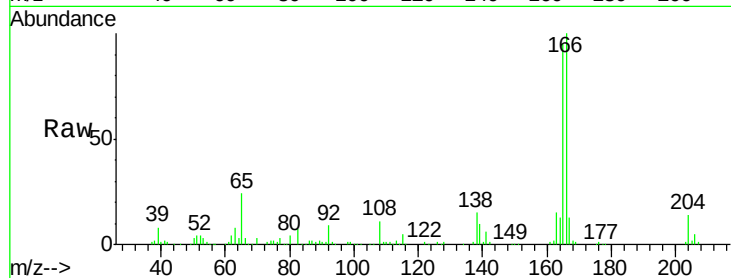
Tgt Ion:166 Resp: 245138

Ion Ratio Lower Upper

166 100

165 94.7 76.2 114.2

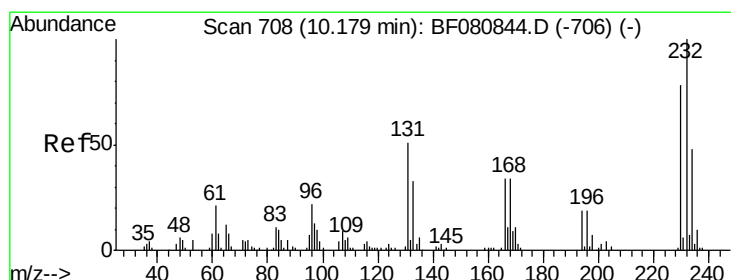
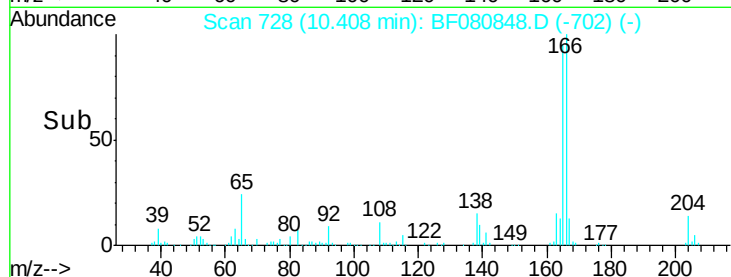
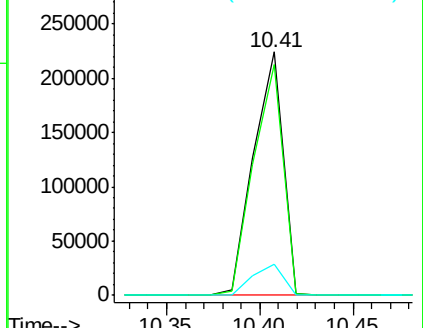
167 12.9 10.4 15.6



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: 40.65 ng

RT: 10.18 min Scan# 708

Delta R.T. -0.00 min

Lab File: BF080848.D

Acq: 4 Aug 2015 20:18

Tgt Ion:232 Resp: 61001

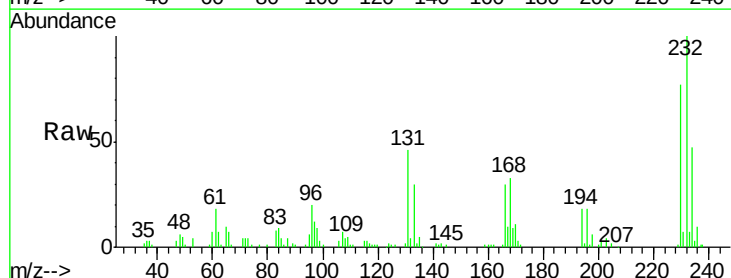
Ion Ratio Lower Upper

232 100

131 49.4 43.7 65.5

130 2.5 1.9 2.9

166 31.4 26.9 40.3

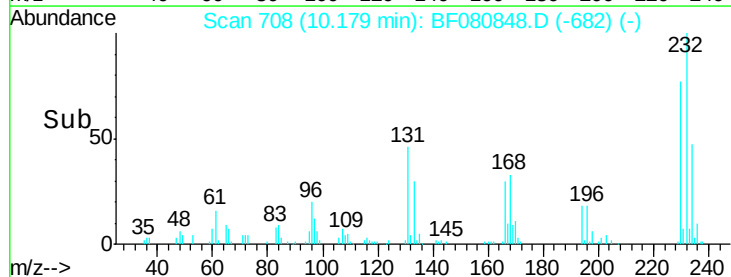
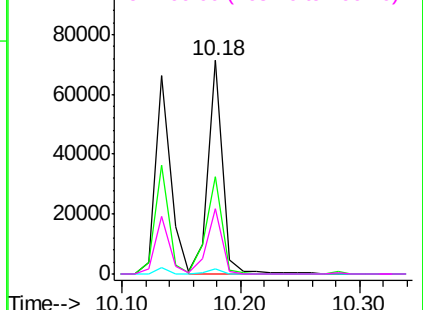


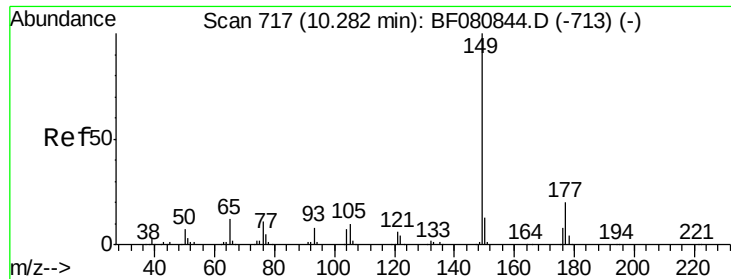
Abundance Ion 232.00 (231.70 to 232.70): E

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

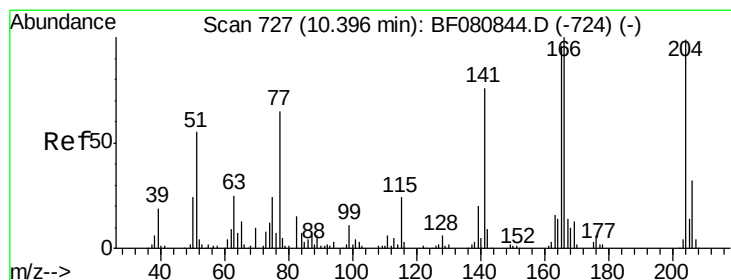
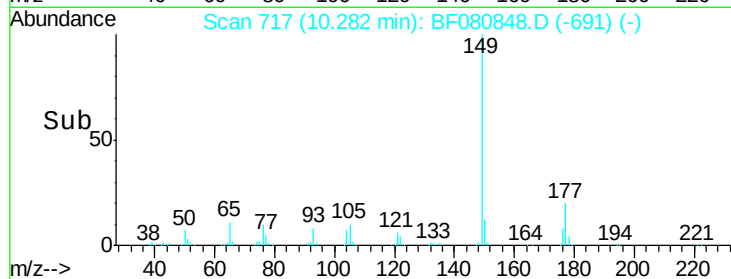
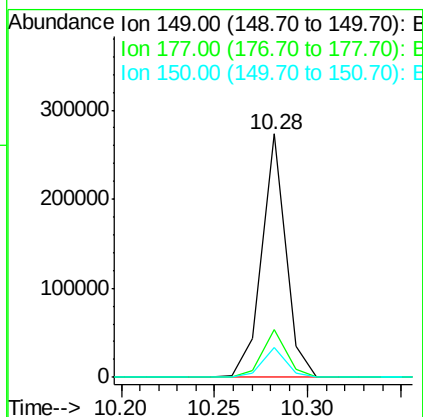
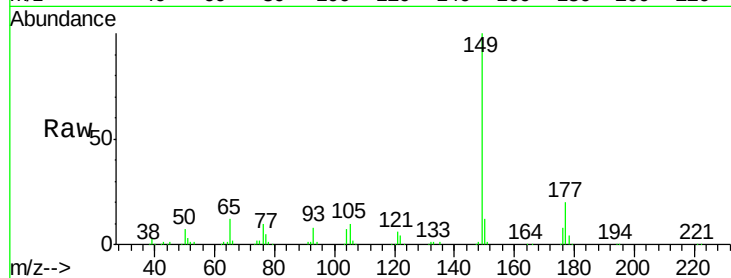




#59
Diethylphthalate
Concen: 37.21 ng
RT: 10.28 min Scan# 717
Delta R.T. -0.00 min
Lab File: BF080848.D
Acq: 4 Aug 2015 20:18

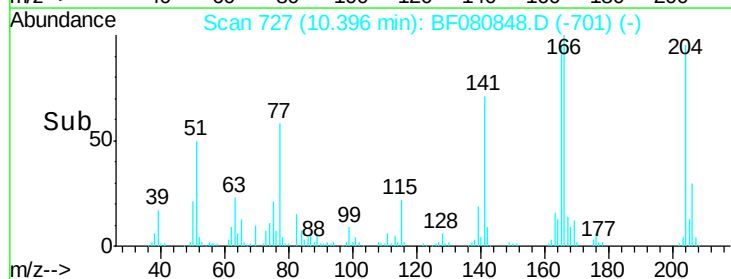
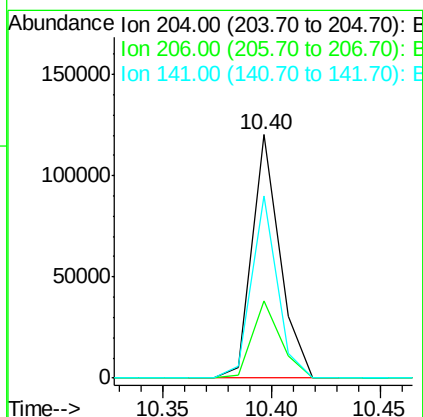
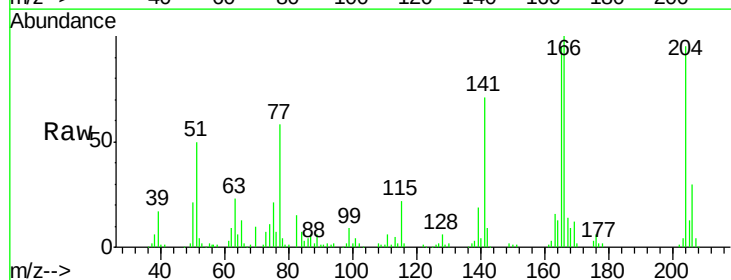
Instrument :
BNA_F
ClientSampleId :
ICVBF080415

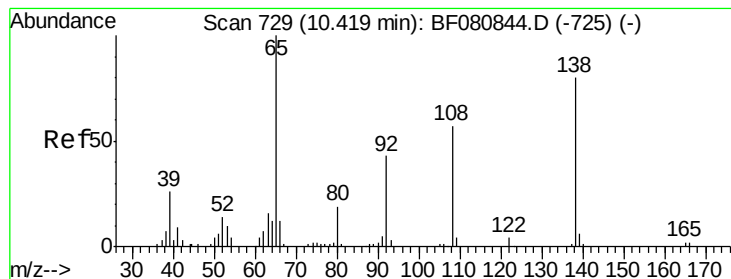
Tgt Ion:149 Resp: 242125
Ion Ratio Lower Upper
149 100
177 19.8 15.8 23.8
150 12.1 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 40.07 ng
RT: 10.40 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF080848.D
Acq: 4 Aug 2015 20:18

Tgt Ion:204 Resp: 107131
Ion Ratio Lower Upper
204 100
206 32.0 25.8 38.8
141 75.0 61.4 92.2





#61

4-Nitroaniline

Concen: 41.73 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF080848.D

Acq: 4 Aug 2015 20:18

Instrument :

BNA_F

ClientSampleId :

ICVBF080415

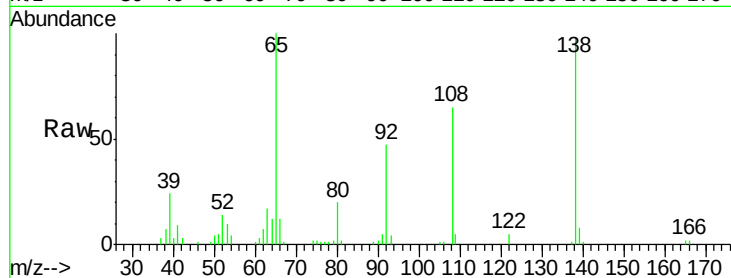
Tgt Ion:138 Resp: 63239

Ion Ratio Lower Upper

138 100

92 47.6 33.5 73.5

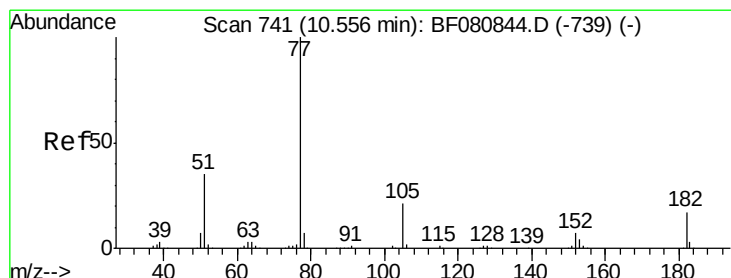
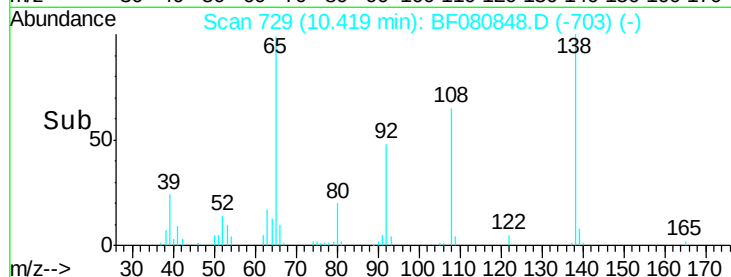
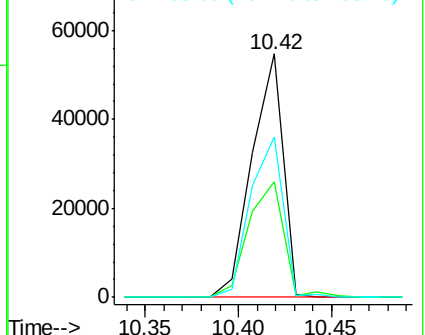
108 66.1 52.3 92.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 36.95 ng

RT: 10.56 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF080848.D

Acq: 4 Aug 2015 20:18

Tgt Ion: 77 Resp: 281222

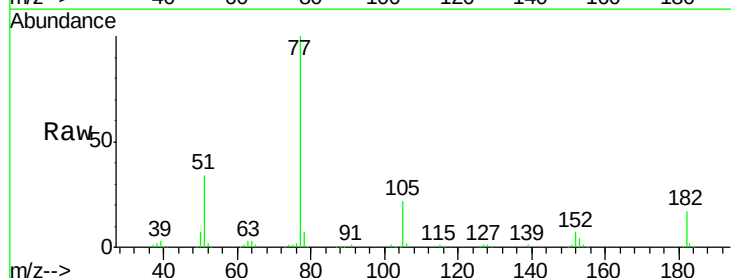
Ion Ratio Lower Upper

77 100

182 17.1 0.0 37.0

105 22.2 1.3 41.3

51 33.5 14.6 54.6

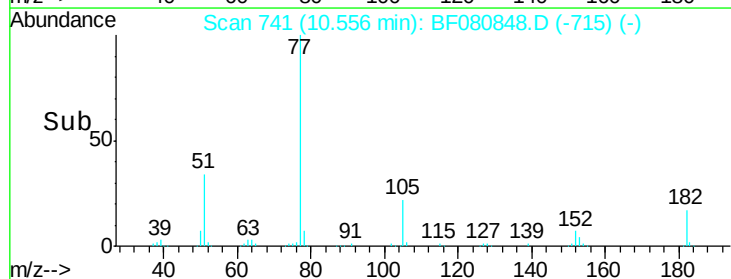
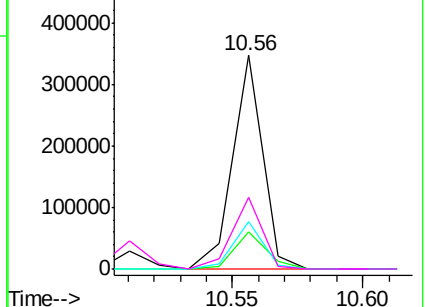


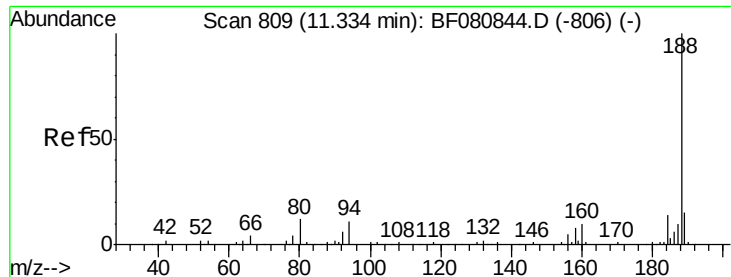
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

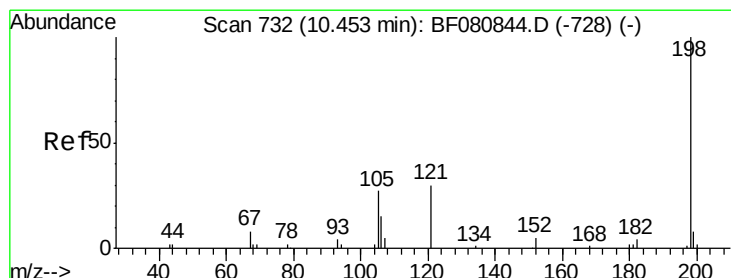
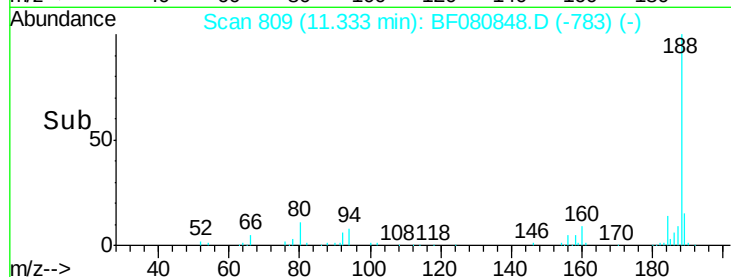
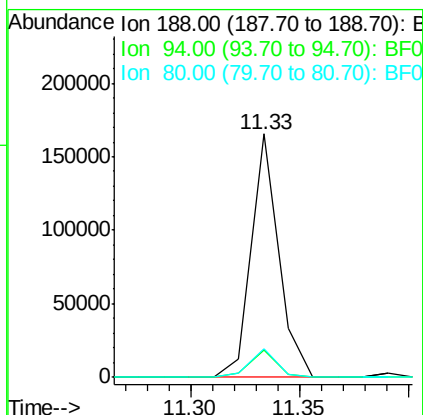
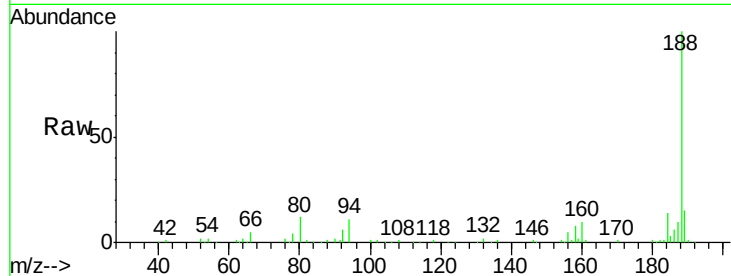




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.33 min Scan# 809
 Delta R.T. -0.00 min
 Lab File: BF080848.D
 Acq: 4 Aug 2015 20:18

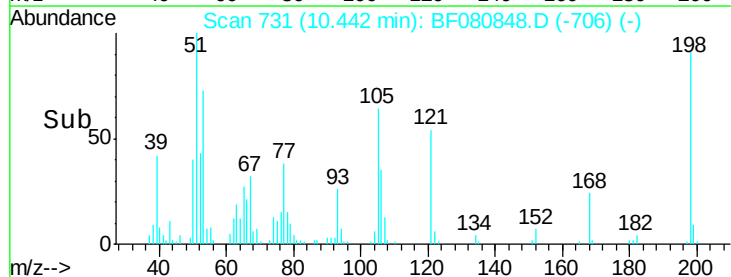
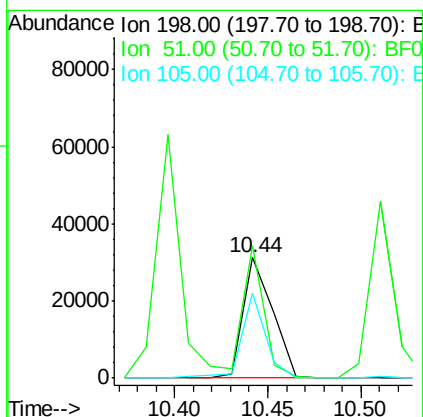
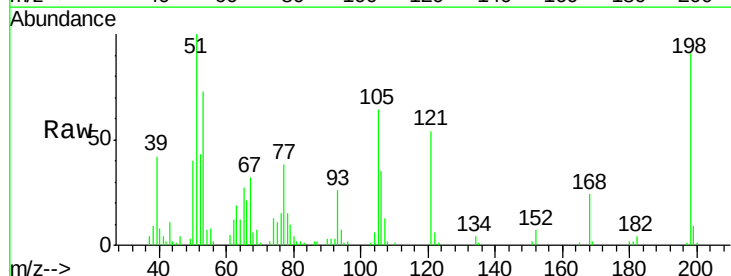
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF080415

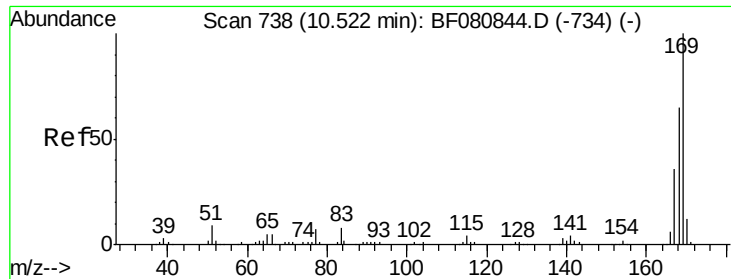
Tgt Ion:188 Resp: 144949
 Ion Ratio Lower Upper
 188 100
 94 11.2 8.6 12.8
 80 11.6 9.3 13.9



#64
 4,6-Dinitro-2-methylphenol
 Concen: 36.45 ng
 RT: 10.44 min Scan# 731
 Delta R.T. -0.01 min
 Lab File: BF080848.D
 Acq: 4 Aug 2015 20:18

Tgt Ion:198 Resp: 33991
 Ion Ratio Lower Upper
 198 100
 51 110.1 4.7 44.7#
 105 70.7 8.5 48.5#

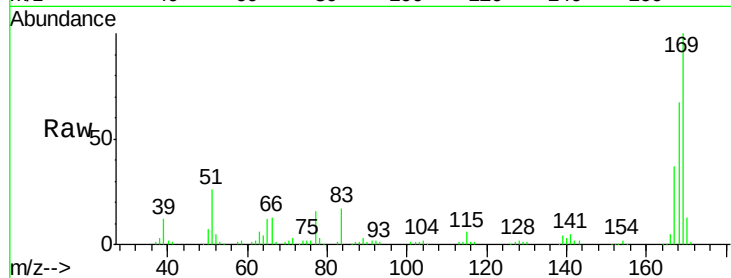




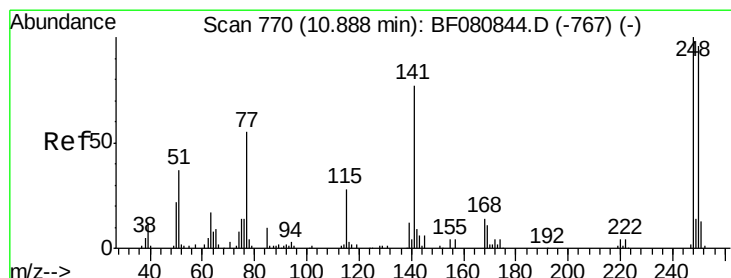
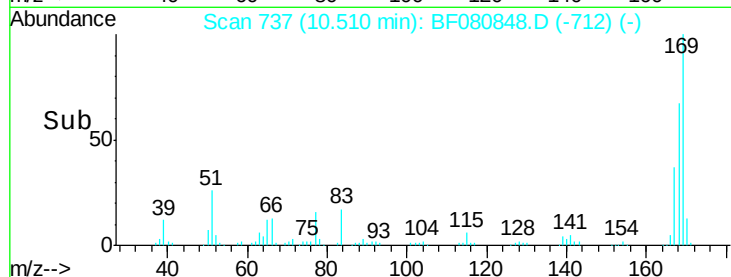
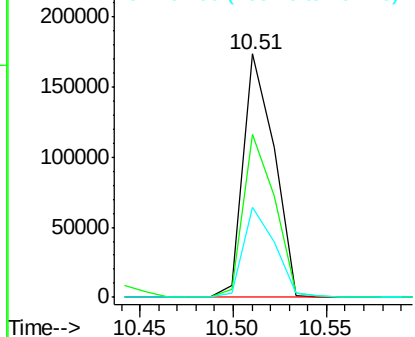
#65
 n-Nitrosodiphenylamine
 Concen: 35.80 ng
 RT: 10.51 min Scan# 737
 Delta R.T. -0.01 min
 Lab File: BF080848.D
 Acq: 4 Aug 2015 20:18

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF080415

Tgt Ion:169 Resp: 198799
 Ion Ratio Lower Upper
 169 100
 168 67.0 52.2 78.4
 167 36.9 29.2 43.8

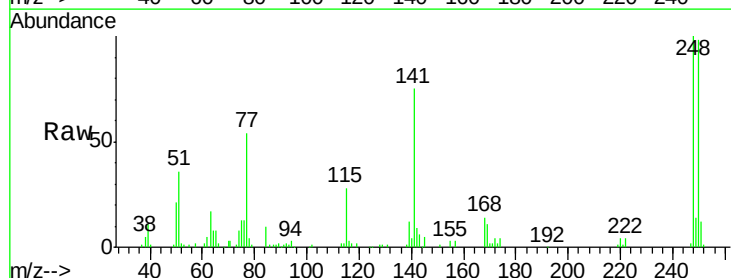


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

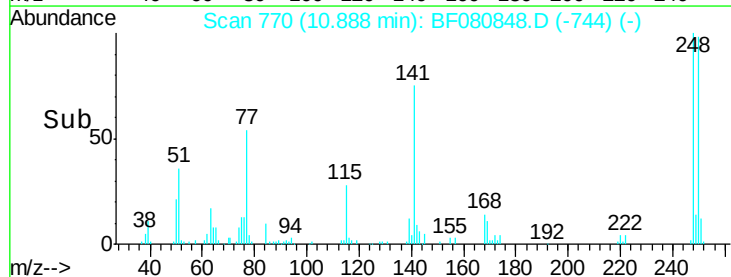
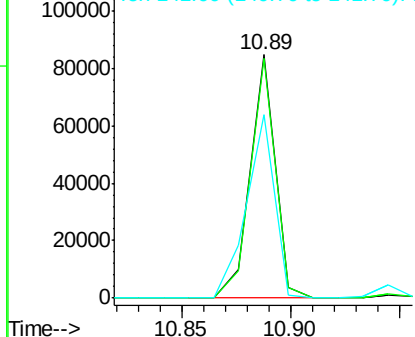


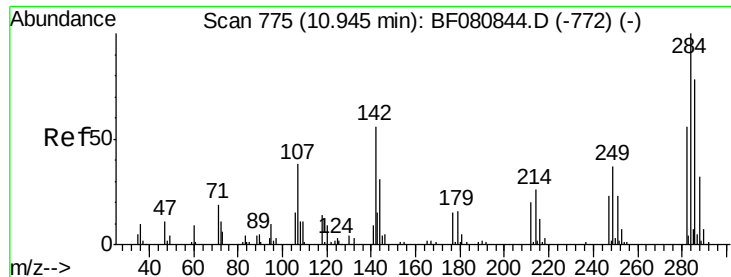
#66
 4-Bromophenyl-phenylether
 Concen: 42.02 ng
 RT: 10.89 min Scan# 770
 Delta R.T. -0.00 min
 Lab File: BF080848.D
 Acq: 4 Aug 2015 20:18

Tgt Ion:248 Resp: 67409
 Ion Ratio Lower Upper
 248 100
 250 98.5 77.2 115.8
 141 75.4 61.4 92.0



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: 37.23 ng

RT: 10.94 min Scan# 775

Delta R.T. -0.00 min

Lab File: BF080848.D

Acq: 4 Aug 2015 20:18

Instrument :

BNA_F

ClientSampleId :

ICVBF080415

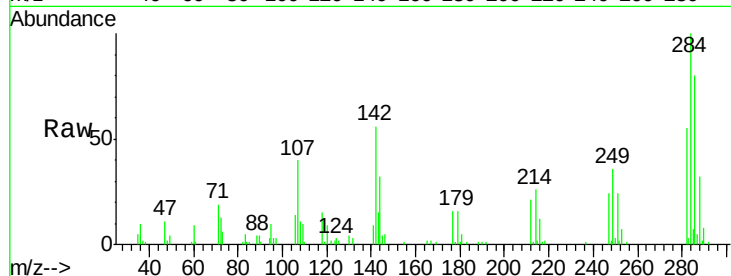
Tgt Ion:284 Resp: 65229

Ion Ratio Lower Upper

284 100

142 56.1 44.4 66.6

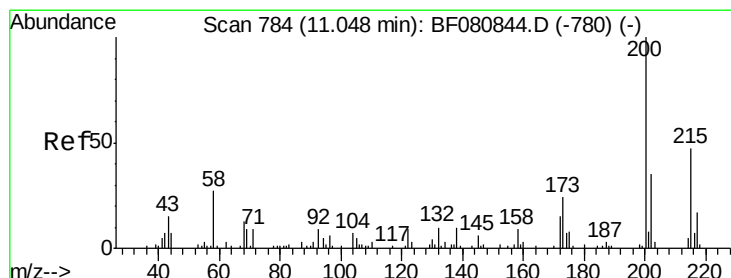
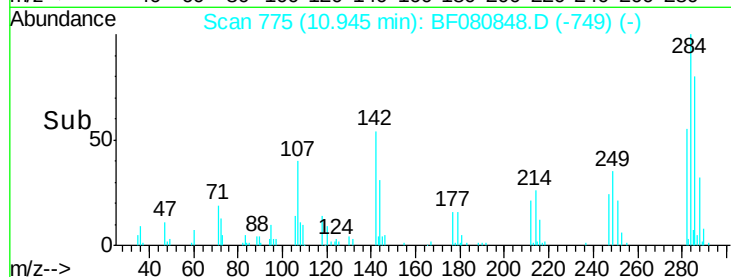
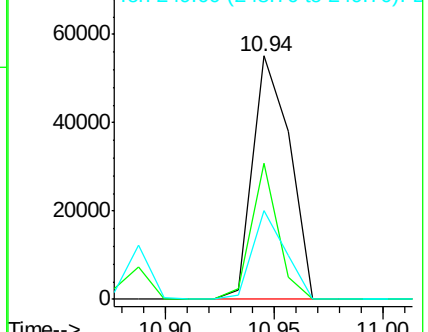
249 36.4 29.3 43.9



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 36.66 ng

RT: 11.04 min Scan# 783

Delta R.T. -0.01 min

Lab File: BF080848.D

Acq: 4 Aug 2015 20:18

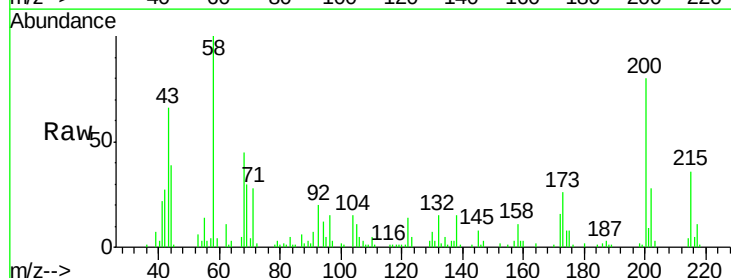
Tgt Ion:200 Resp: 52993

Ion Ratio Lower Upper

200 100

173 32.2 4.8 44.8

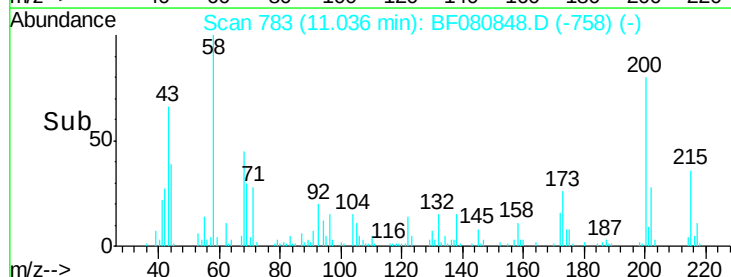
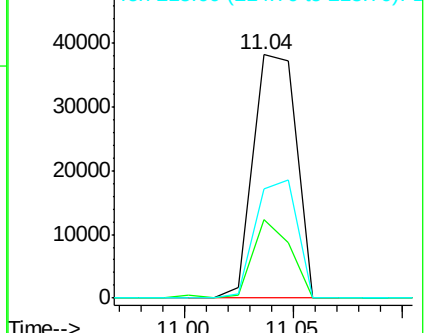
215 44.7 27.1 67.1

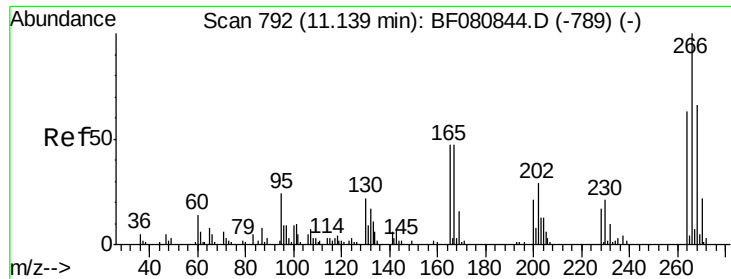


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

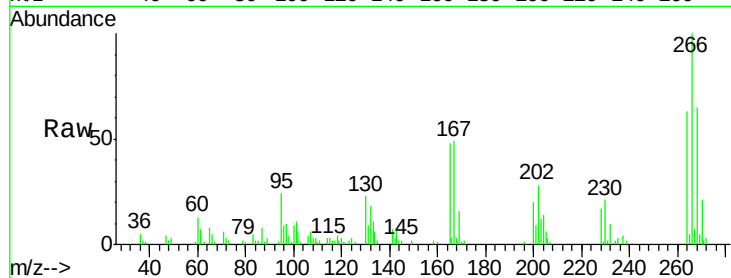




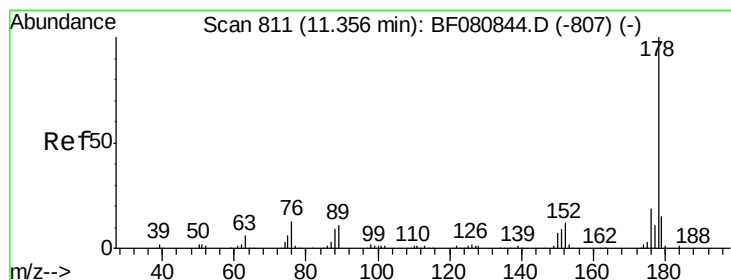
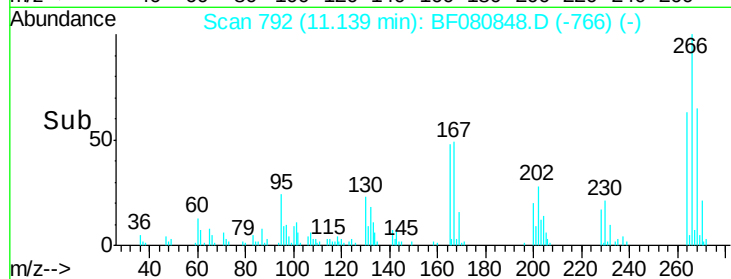
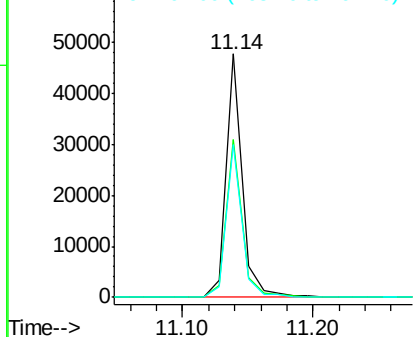
#69
 Pentachlorophenol
 Concen: 43.09 ng
 RT: 11.14 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BF080848.D
 Acq: 4 Aug 2015 20:18

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF080415

Tgt Ion:266 Resp: 41140
 Ion Ratio Lower Upper
 266 100
 268 64.9 52.6 78.8
 264 62.6 50.7 76.1

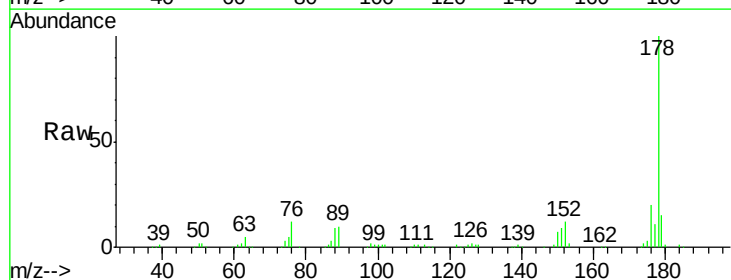


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

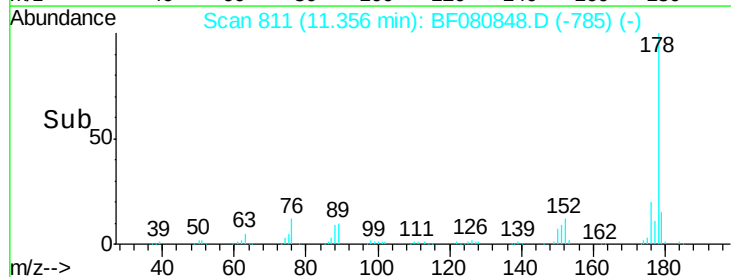
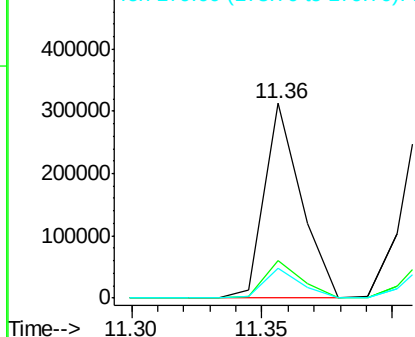


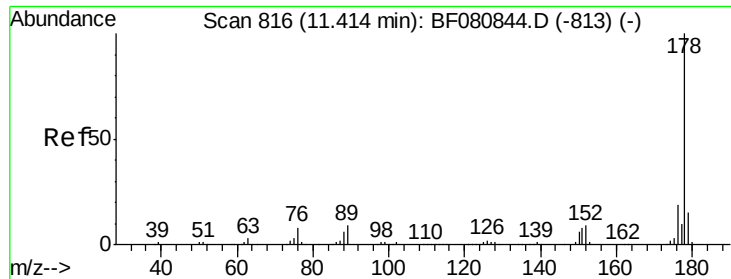
#70
 Phenanthrene
 Concen: 36.68 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BF080848.D
 Acq: 4 Aug 2015 20:18

Tgt Ion:178 Resp: 307162
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.3 22.9
 179 15.0 12.3 18.5



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

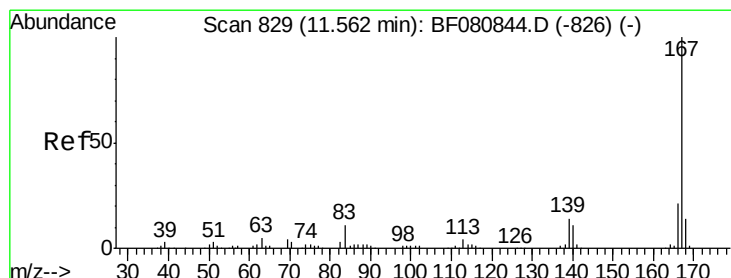
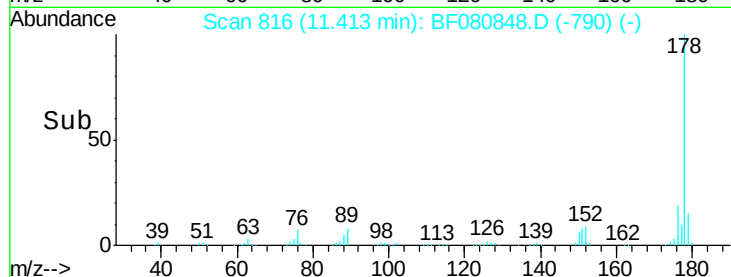
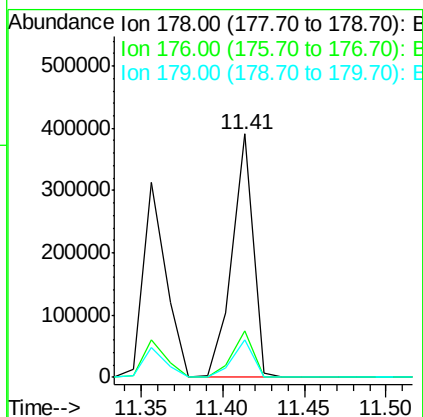
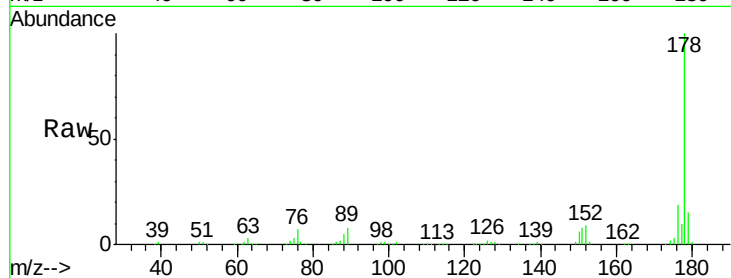




#71
 Anthracene
 Concen: 42.46 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF080848.D
 Acq: 4 Aug 2015 20:18

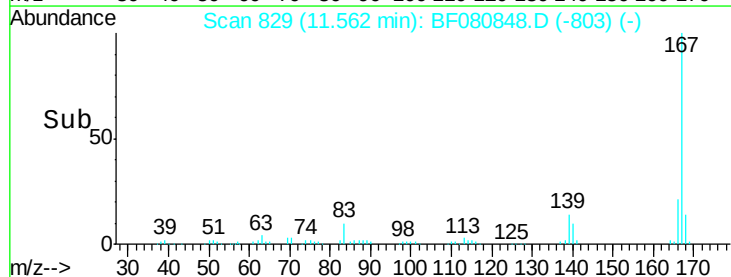
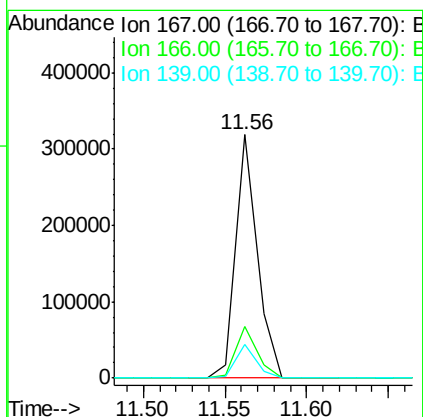
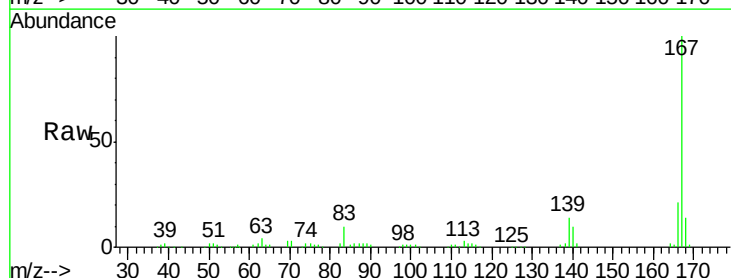
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF080415

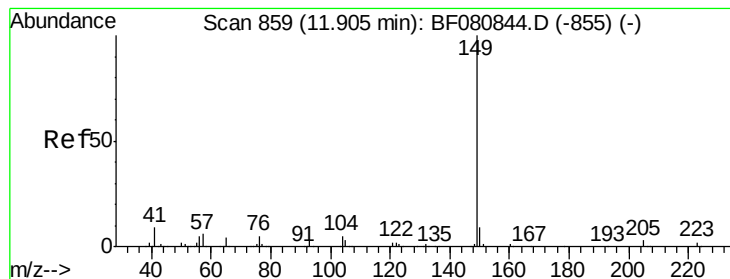
Tgt Ion:178 Resp: 345493
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.4 23.2
 179 15.2 12.2 18.4



#72
 Carbazole
 Concen: 37.74 ng
 RT: 11.56 min Scan# 829
 Delta R.T. -0.00 min
 Lab File: BF080848.D
 Acq: 4 Aug 2015 20:18

Tgt Ion:167 Resp: 289703
 Ion Ratio Lower Upper
 167 100
 166 21.4 16.6 25.0
 139 13.8 11.3 16.9





#73

Di-n-butylphthalate

Concen: 42.85 ng

RT: 11.90 min Scan# 859

Delta R.T. -0.00 min

Lab File: BF080848.D

Acq: 4 Aug 2015 20:18

Instrument :

BNA_F

ClientSampleId :

ICVBF080415

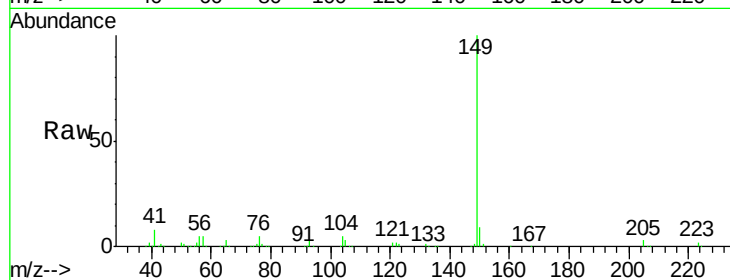
Tgt Ion:149 Resp: 389437

Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.2

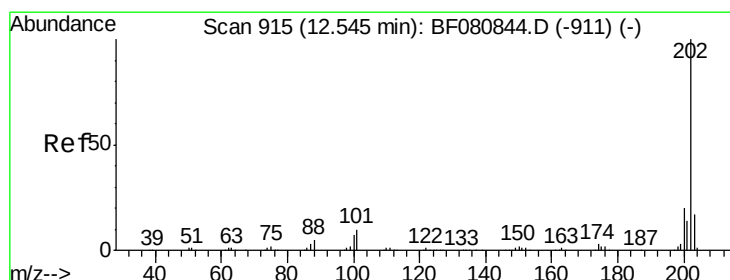
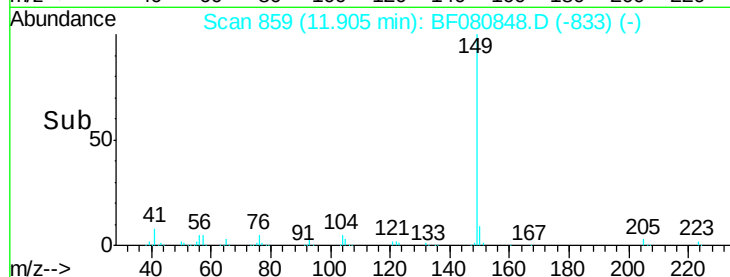
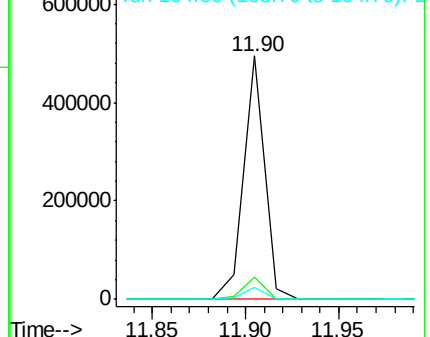
104 4.7 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.55 ng

RT: 12.54 min Scan# 915

Delta R.T. -0.00 min

Lab File: BF080848.D

Acq: 4 Aug 2015 20:18

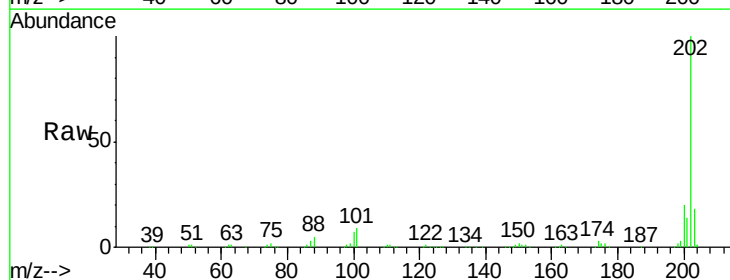
Tgt Ion:202 Resp: 347081

Ion Ratio Lower Upper

202 100

101 9.5 0.0 29.9

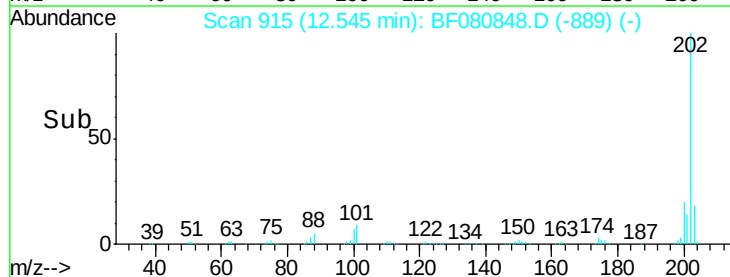
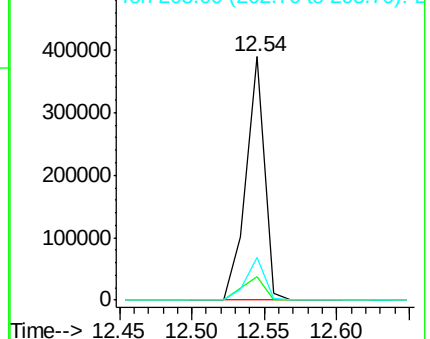
203 17.7 0.0 37.4

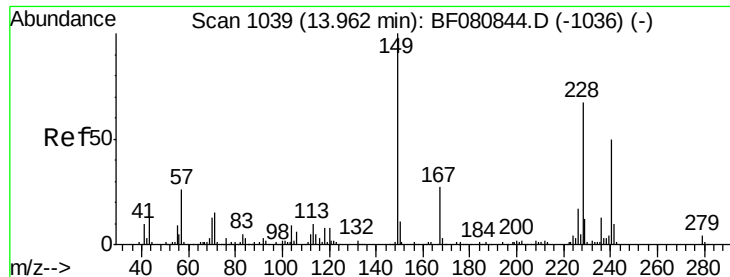


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF080848.D

Acq: 4 Aug 2015 20:18

Instrument :

BNA_F

ClientSampleId :

ICVBF080415

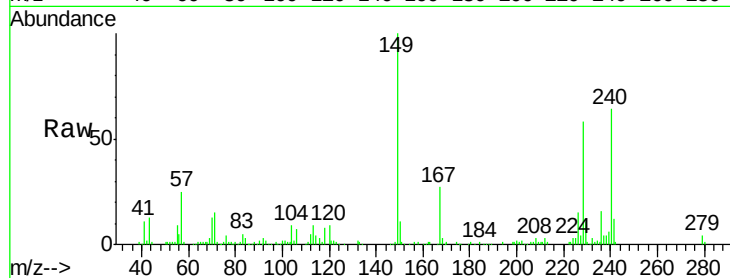
Tgt Ion:240 Resp: 97904

Ion Ratio Lower Upper

240 100

120 14.4 13.0 19.6

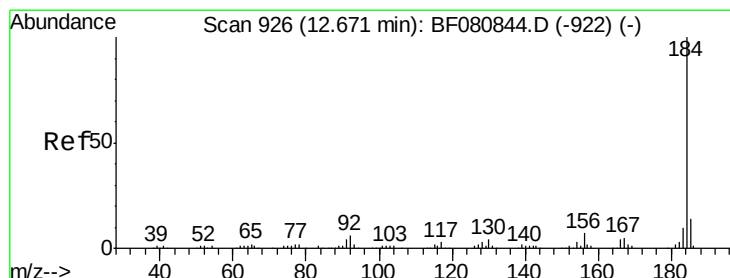
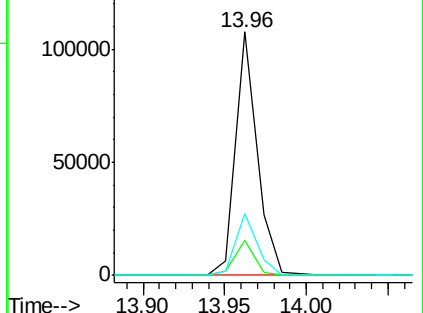
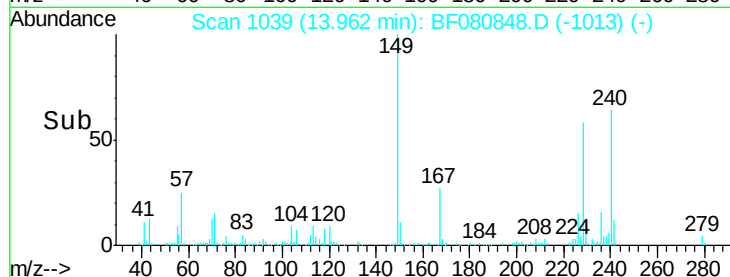
236 25.4 20.7 31.1



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: 40.02 ng

RT: 12.67 min Scan# 926

Delta R.T. -0.00 min

Lab File: BF080848.D

Acq: 4 Aug 2015 20:18

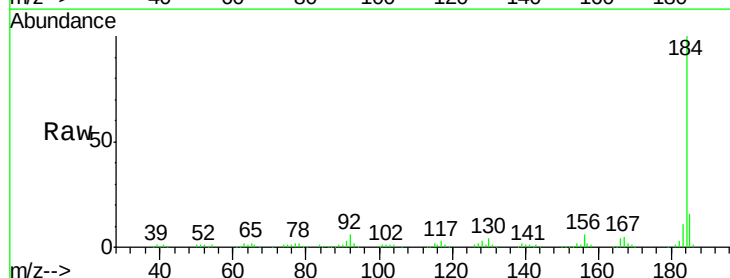
Tgt Ion:184 Resp: 189659

Ion Ratio Lower Upper

184 100

185 15.5 11.4 17.2

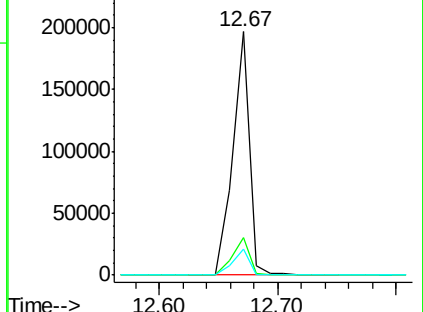
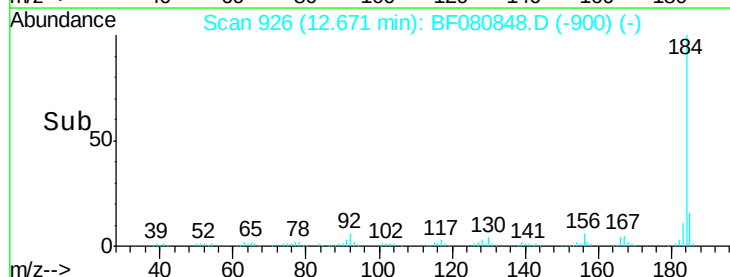
183 10.8 8.4 12.6

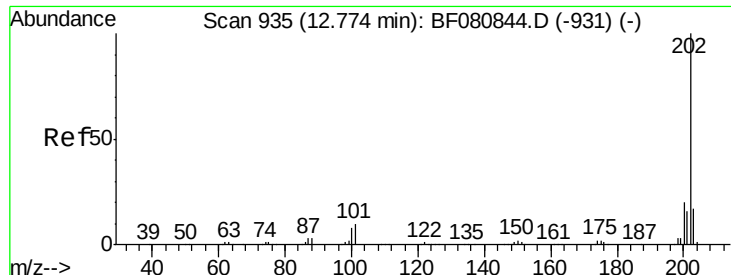


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

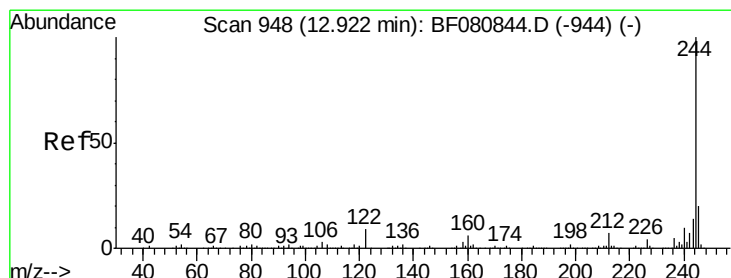
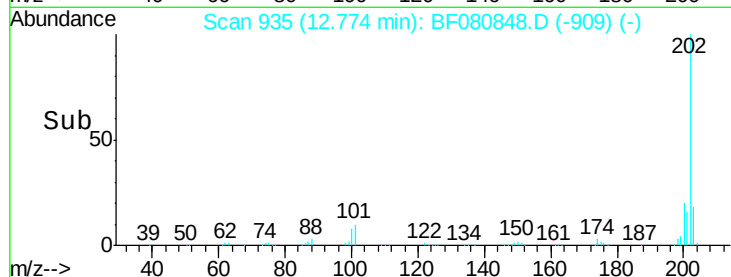
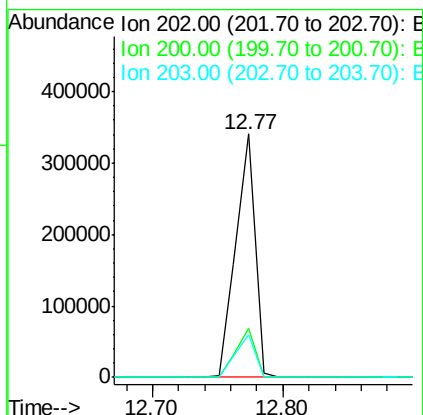
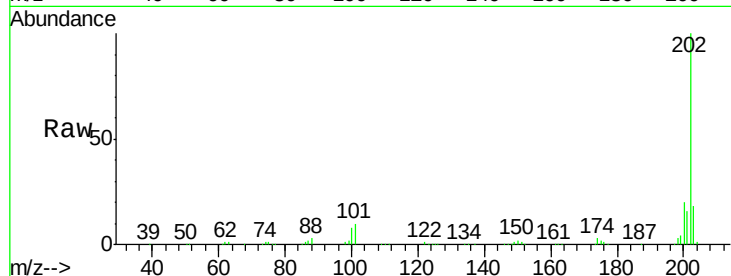




#77
 Pyrene
 Concen: 39.71 ng
 RT: 12.77 min Scan# 935
 Delta R.T. -0.00 min
 Lab File: BF080848.D
 Acq: 4 Aug 2015 20:18

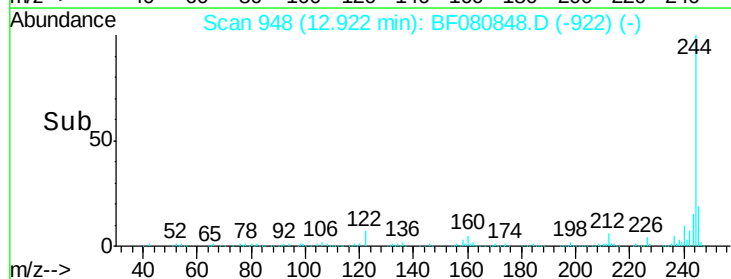
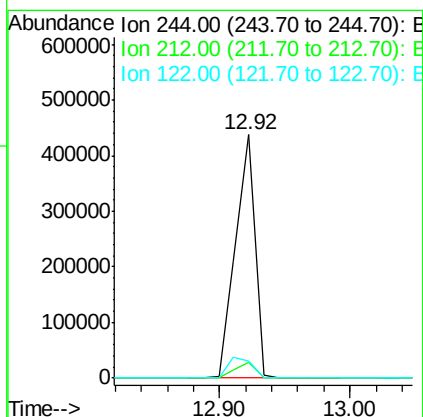
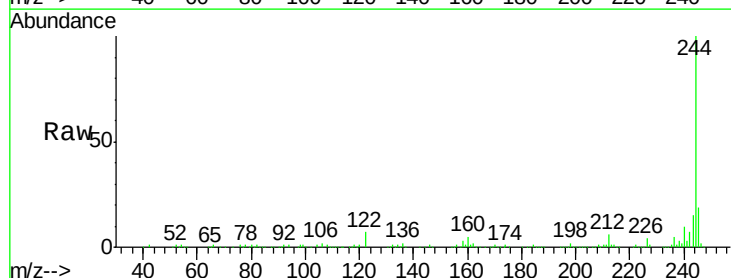
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF080415

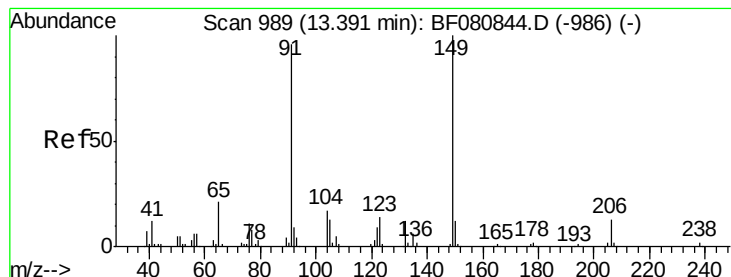
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.0	16.1	24.1
203	17.7	13.6	20.4



#78
 Terphenyl-d14
 Concen: 83.13 ng
 RT: 12.92 min Scan# 948
 Delta R.T. -0.00 min
 Lab File: BF080848.D
 Acq: 4 Aug 2015 20:18

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.5	8.3
122	7.1	7.1	10.7#





#79

Butylbenzylphthalate

Concen: 39.64 ng

RT: 13.39 min Scan# 989

Delta R.T. -0.00 min

Lab File: BF080848.D

Acq: 4 Aug 2015 20:18

Instrument :

BNA_F

ClientSampleId :

ICVBF080415

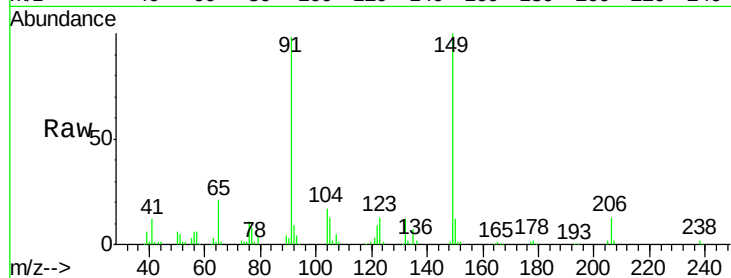
Tgt Ion:149 Resp: 142382

Ion Ratio Lower Upper

149 100

91 98.0 76.4 114.6

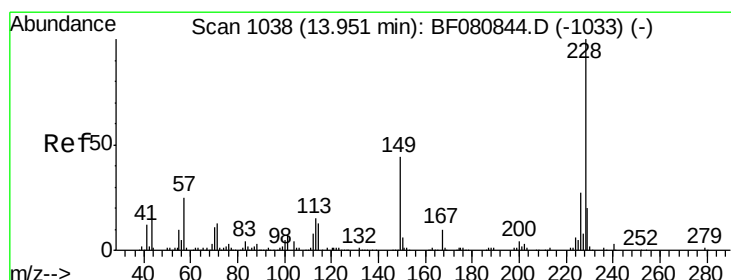
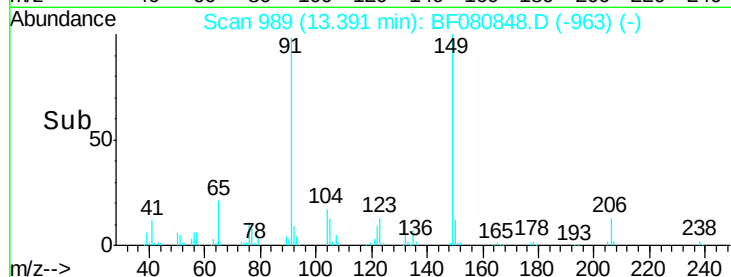
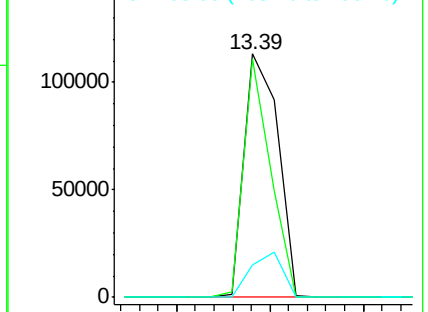
206 13.4 10.7 16.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 38.92 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BF080848.D

Acq: 4 Aug 2015 20:18

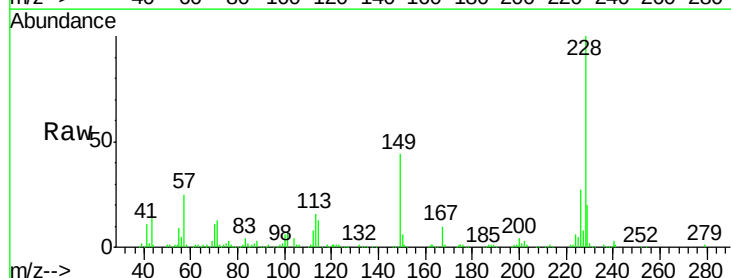
Tgt Ion:228 Resp: 254890

Ion Ratio Lower Upper

228 100

226 27.3 21.5 32.3

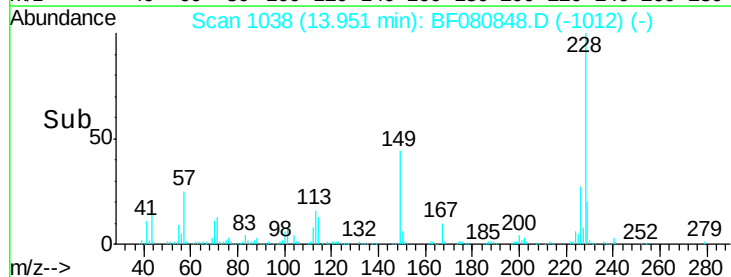
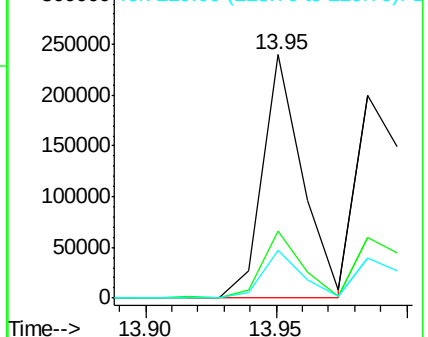
229 19.6 16.2 24.2

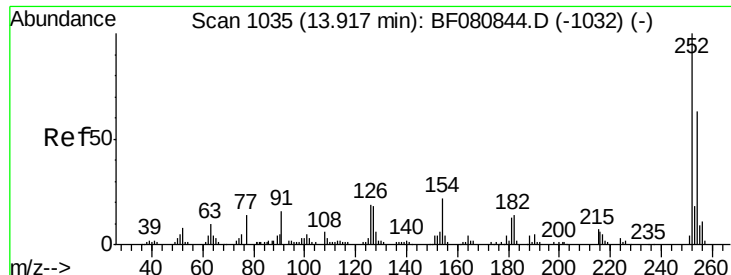


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

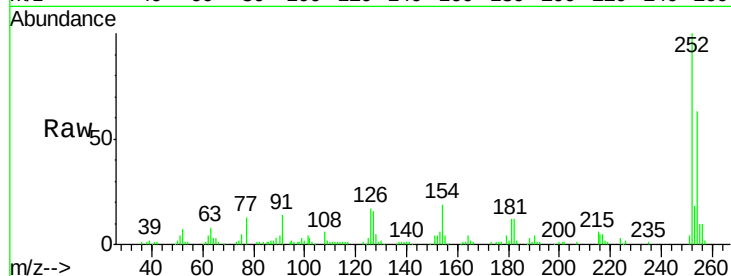




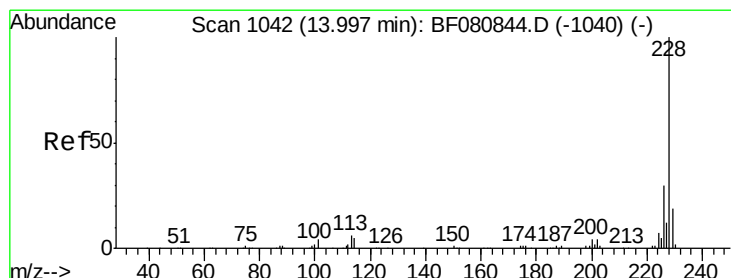
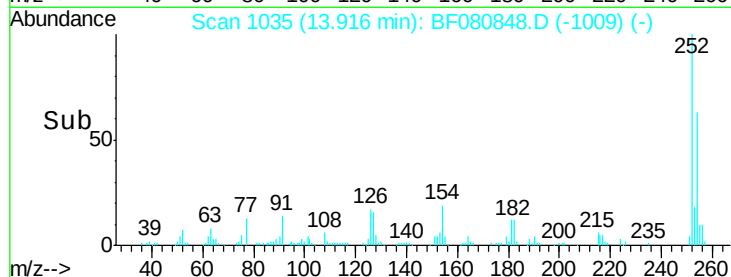
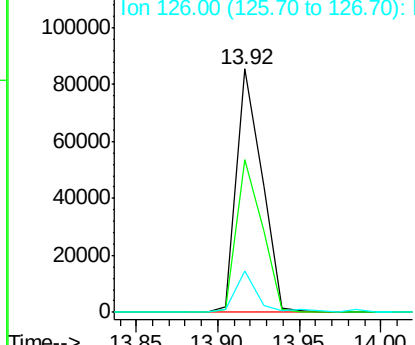
#81
 3,3'-Dichlorobenzidine
 Concen: 37.62 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BF080848.D
 Acq: 4 Aug 2015 20:18

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF080415

Tgt Ion: 252 Resp: 91533
 Ion Ratio Lower Upper
 252 100
 254 62.6 50.3 75.5
 126 16.9 15.1 22.7

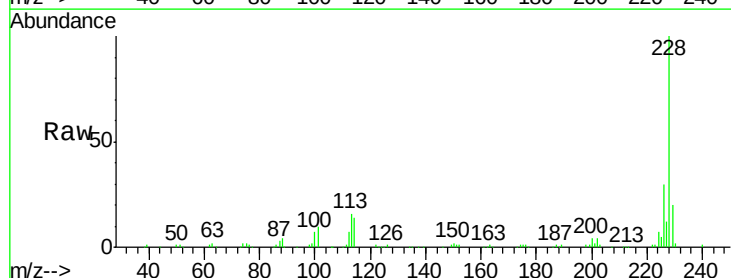


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

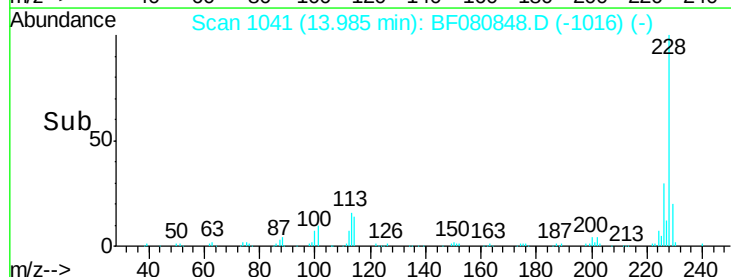
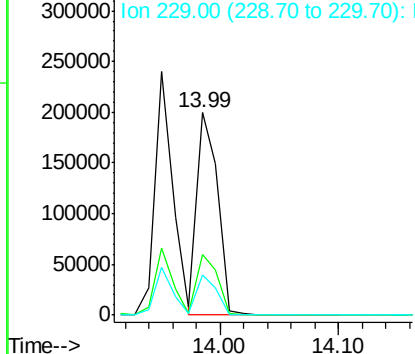


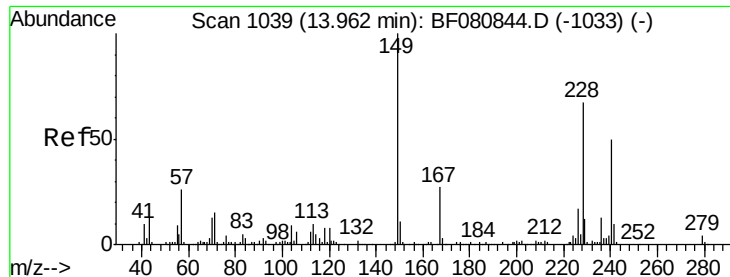
#82
 Chrysene
 Concen: 36.77 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BF080848.D
 Acq: 4 Aug 2015 20:18

Tgt Ion: 228 Resp: 245417
 Ion Ratio Lower Upper
 228 100
 226 29.8 23.6 35.4
 229 19.8 15.1 22.7



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.89 ng

RT: 13.96 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF080848.D

Acq: 4 Aug 2015 20:18

Instrument :

BNA_F

ClientSampleId :

ICVBF080415

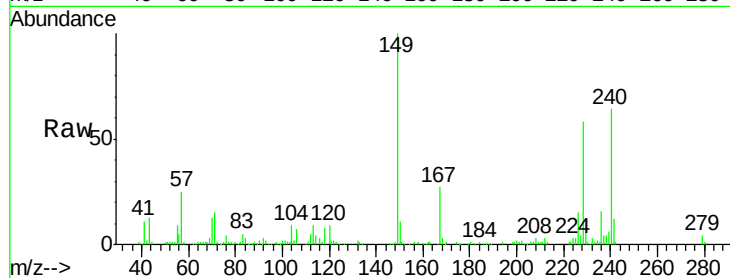
Tgt Ion:149 Resp: 191317

Ion Ratio Lower Upper

149 100

167 27.2 21.8 32.8

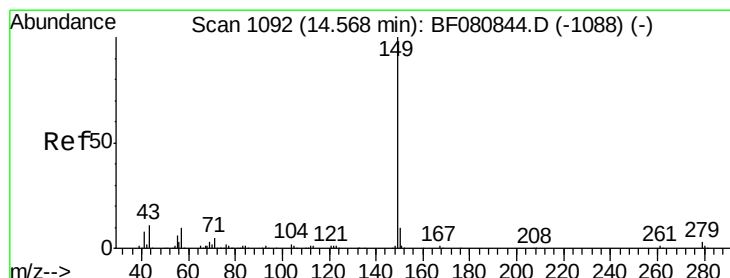
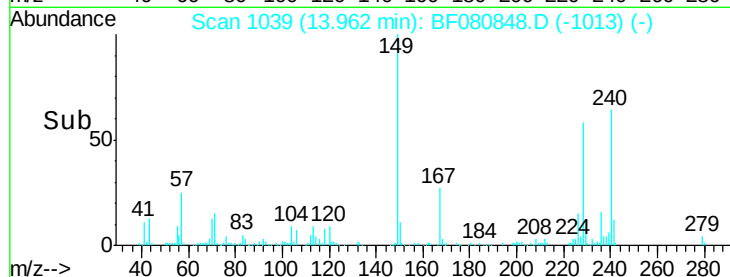
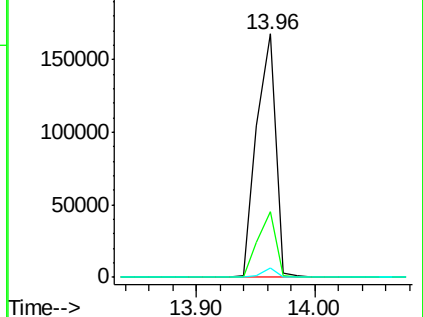
279 3.9 3.0 4.4



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



#84

Di-n-octyl phthalate

Concen: 41.56 ng

RT: 14.57 min Scan# 1092

Delta R.T. -0.00 min

Lab File: BF080848.D

Acq: 4 Aug 2015 20:18

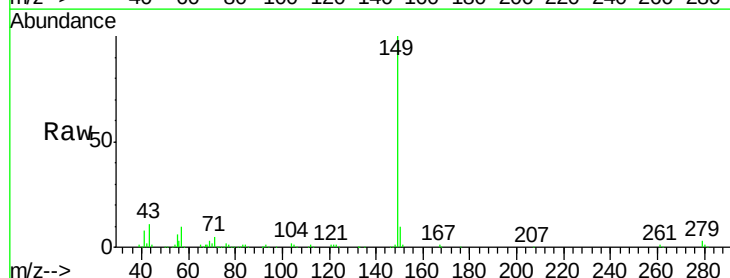
Tgt Ion:149 Resp: 335011

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

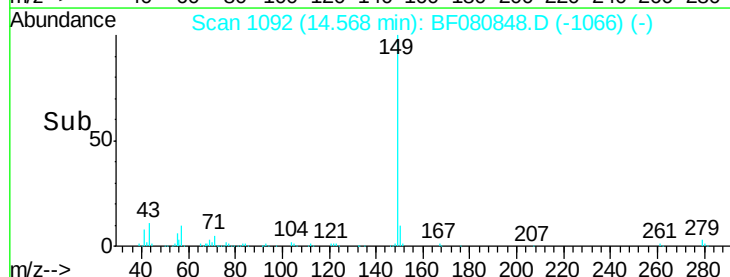
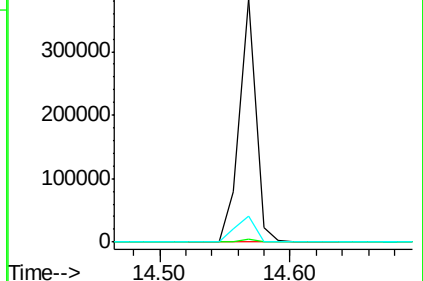
43 12.9 10.3 15.5

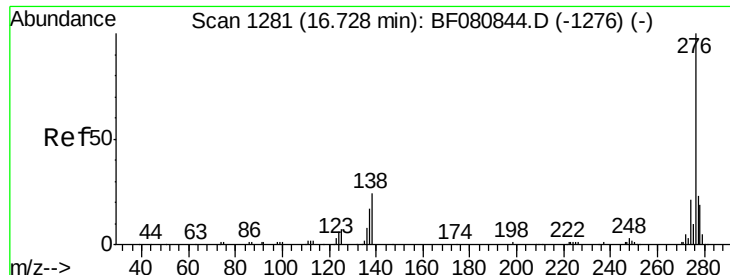


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

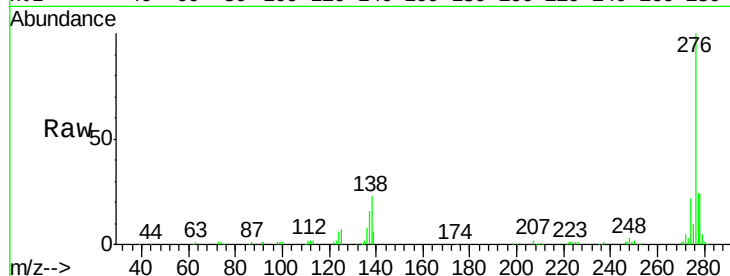




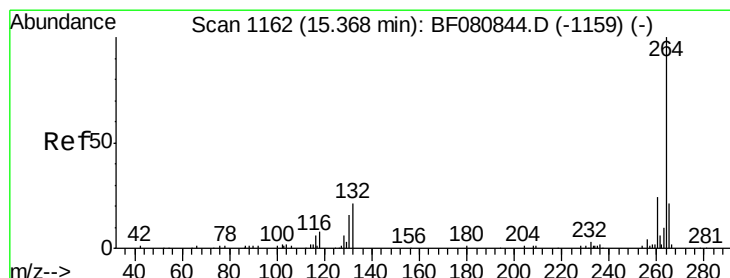
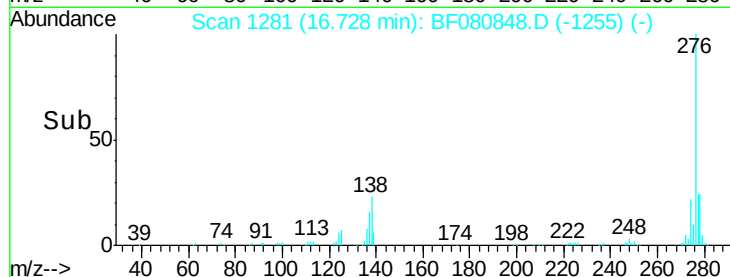
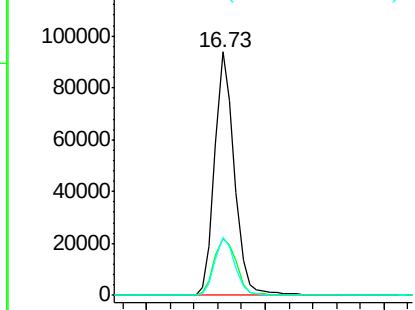
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.35 ng
 RT: 16.73 min Scan# 1281
 Delta R.T. -0.00 min
 Lab File: BF080848.D
 Acq: 4 Aug 2015 20:18

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF080415

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.4	21.6	32.4
277	24.4	19.6	29.4

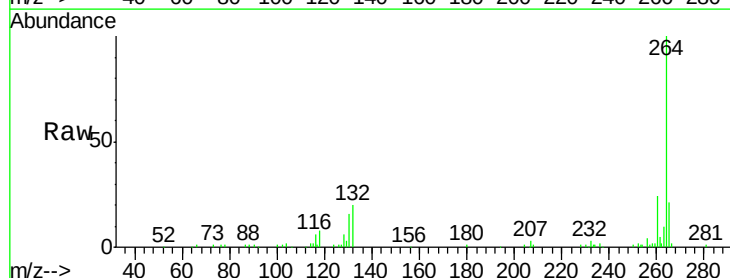


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

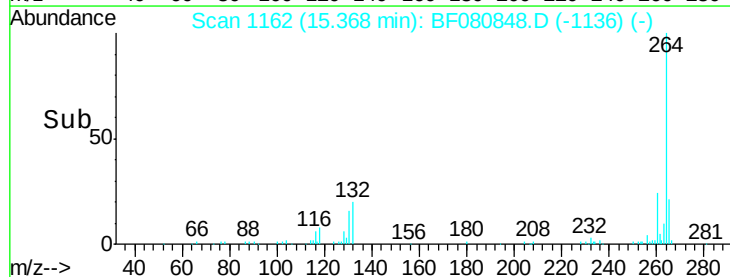
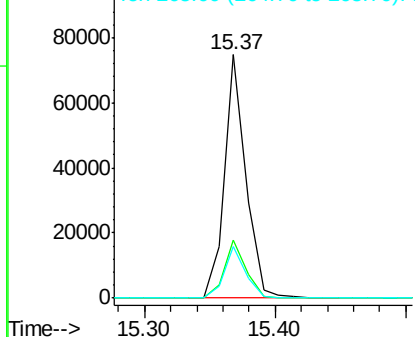


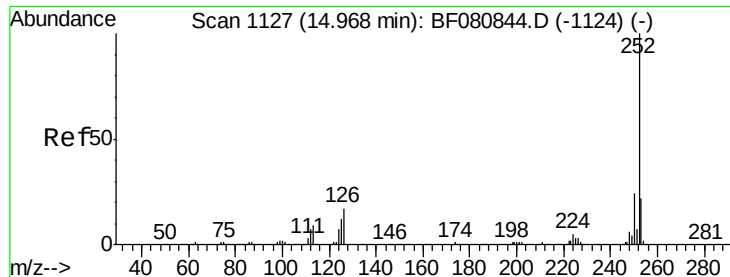
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: BF080848.D
 Acq: 4 Aug 2015 20:18

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.9	28.3
265	21.4	16.8	25.2



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

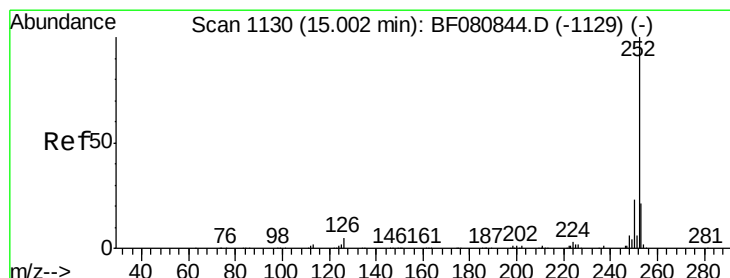
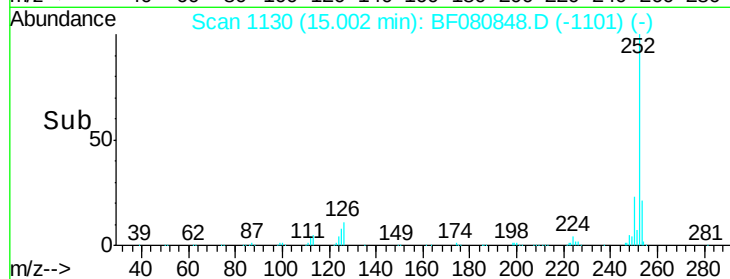
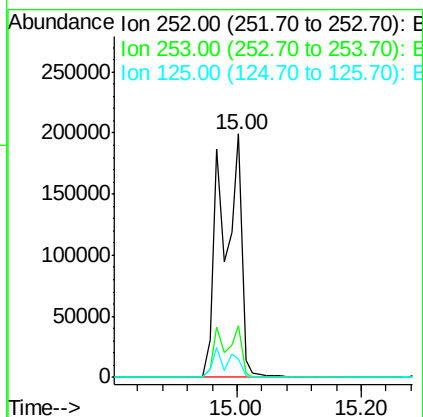
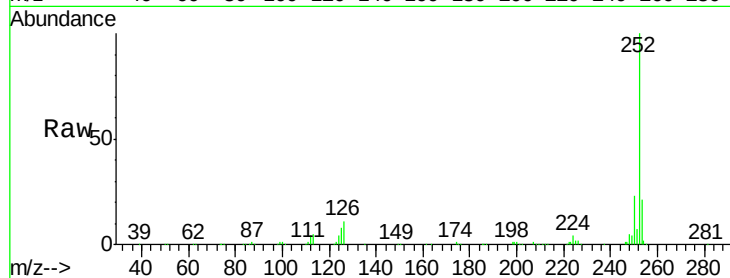




#87
Benzo(b)fluoranthene
Concen: 70.66 ng
RT: 15.00 min Scan# 1130
Delta R.T. 0.03 min
Lab File: BF080848.D
Acq: 4 Aug 2015 20:18

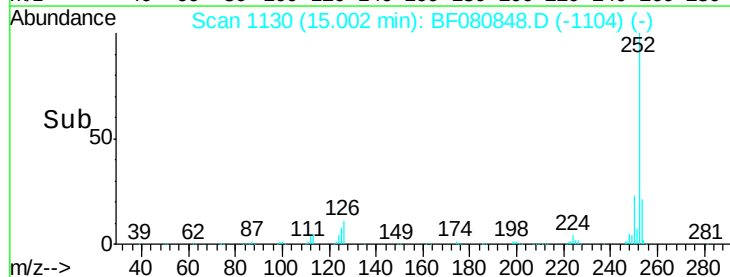
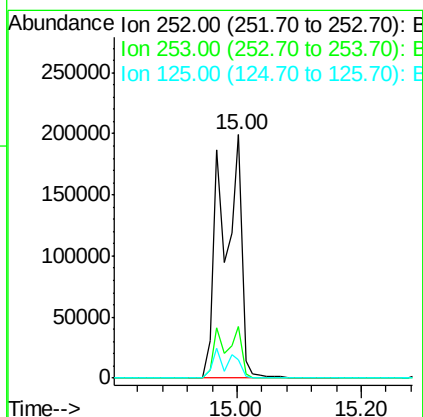
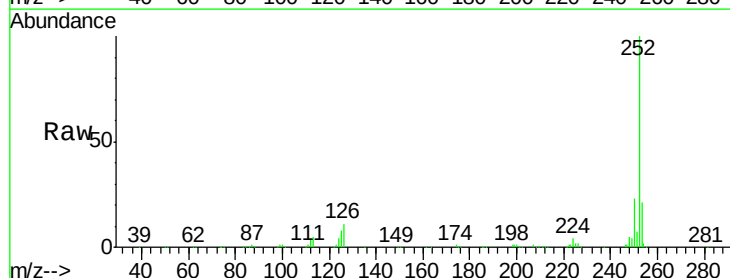
Instrument :
BNA_F
ClientSampleId :
ICVBF080415

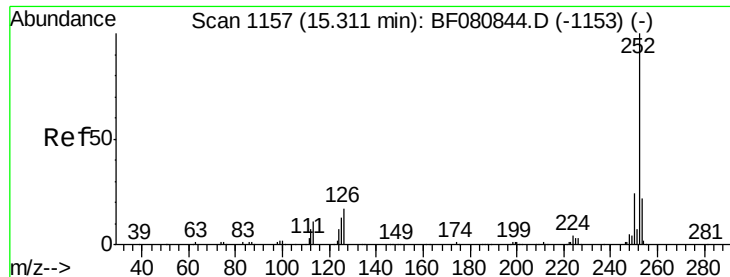
Tgt Ion:252 Resp: 449815
Ion Ratio Lower Upper
252 100
253 21.4 17.4 26.0
125 7.5 9.8 14.8#



#88
Benzo(k)fluoranthene
Concen: 91.79 ng
RT: 15.00 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BF080848.D
Acq: 4 Aug 2015 20:18

Tgt Ion:252 Resp: 449815
Ion Ratio Lower Upper
252 100
253 21.4 16.9 25.3
125 7.5 7.0 10.6





#89

Benzo(a)pyrene

Concen: 39.11 ng

RT: 15.31 min Scan# 1157

Delta R.T. -0.00 min

Lab File: BF080848.D

Acq: 4 Aug 2015 20:18

Instrument :

BNA_F

ClientSampleId :

ICVBF080415

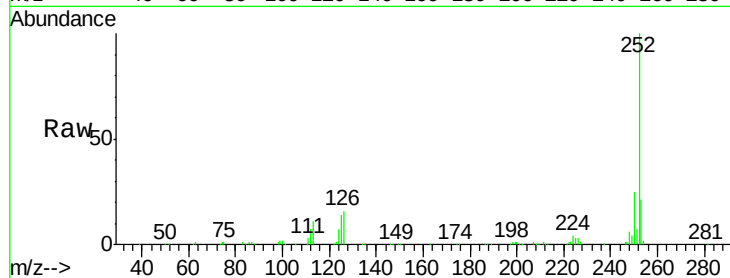
Tgt Ion:252 Resp: 203198

Ion Ratio Lower Upper

252 100

253 21.4 17.4 26.0

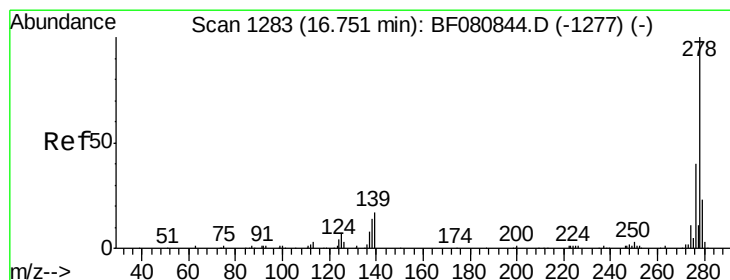
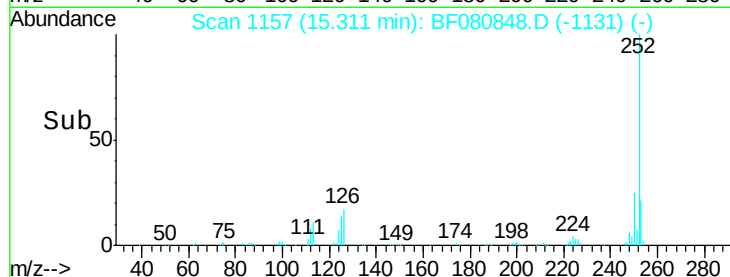
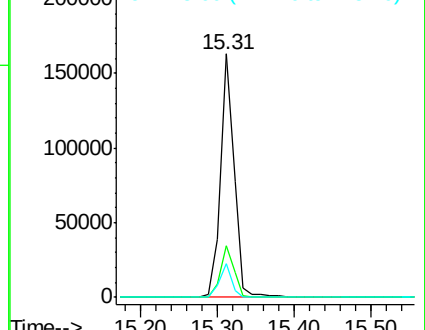
125 13.6 10.6 16.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 39.80 ng

RT: 16.75 min Scan# 1283

Delta R.T. -0.00 min

Lab File: BF080848.D

Acq: 4 Aug 2015 20:18

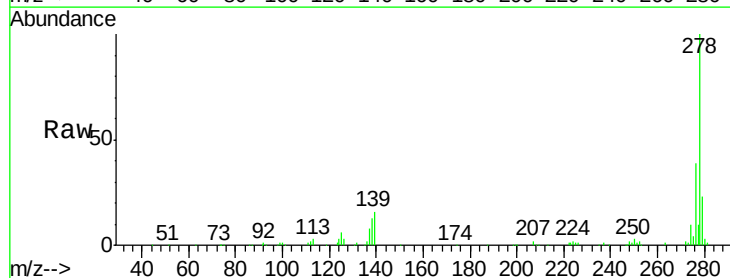
Tgt Ion:278 Resp: 179650

Ion Ratio Lower Upper

278 100

139 15.9 13.4 20.0

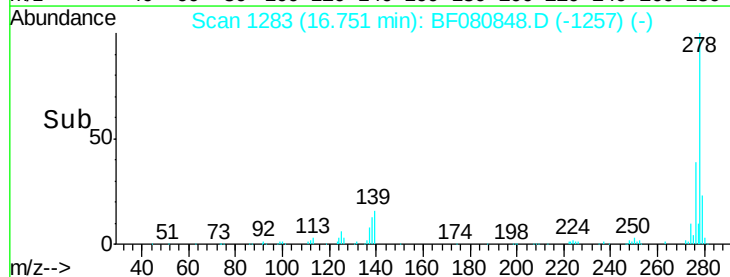
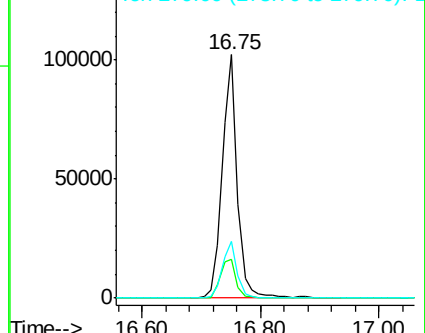
279 23.3 18.4 27.6

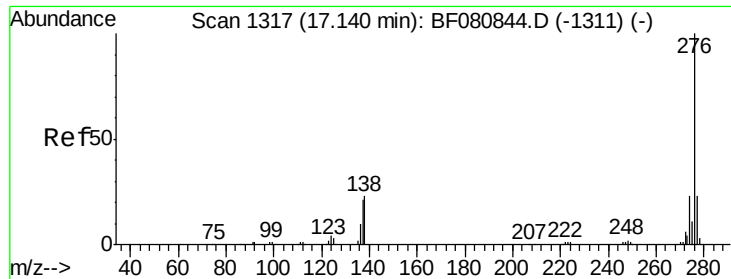


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 39.61 ng

RT: 17.14 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BF080848.D

Acq: 4 Aug 2015 20:18

Instrument :

BNA_F

ClientSampleId :

ICVBF080415

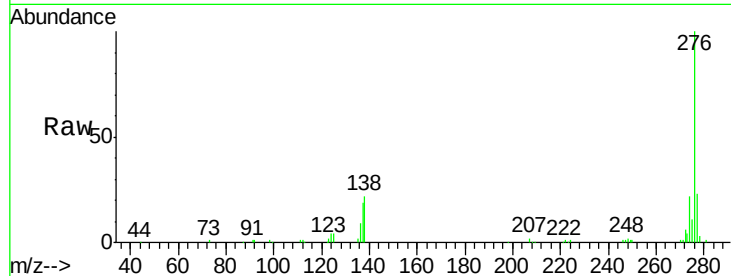
Tgt Ion: 276 Resp: 172821

Ion Ratio Lower Upper

276 100

277 23.4 18.6 27.8

138 22.1 18.8 28.2



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

