

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032015\
 Data File : BF077866.D
 Acq On : 20 Mar 2015 16:35
 Operator : TP/IZ
 Sample : PB82217BS
 Misc : W/DOD
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82217BS

Quant Time: Mar 21 00:26:22 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 20 23:52:05 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.13	152	49844	20.00	ng	0.00
21) Naphthalene-d8	8.70	136	201888	20.00	ng	0.00
38) Acenaphthene-d10	10.88	164	103955	20.00	ng	0.00
63) Phenanthrene-d10	12.72	188	197058	20.00	ng	0.00
75) Chrysene-d12	16.03	240	195469	20.00	ng	0.02
86) Perylene-d12	17.87	264	183634	20.00	ng	0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	339261	118.81	ng	0.01
7) Phenol-d6	6.70	99	397891	112.78	ng	0.00
23) Nitrobenzene-d5	7.82	82	248993	80.85	ng	0.00
41) 2,4,6-Tribromophenol	11.86	330	113396	114.01	ng	0.00
44) 2-Fluorobiphenyl	10.05	172	544693	77.00	ng	0.00
78) Terphenyl-d14	14.71	244	616323	77.02	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.03	88	38266	29.52	ng	# 100
3) Pyridine	2.70	79	110355	31.68	ng	98
4) n-Nitrosodimethylamine	2.64	42	48862	32.21	ng	# 97
6) Aniline	6.72	93	114504	22.69	ng	# 58
8) 2-Chlorophenol	6.86	128	129863	38.21	ng	92
9) Benzaldehyde	6.58	77	7661	5.30	ng	89
10) Phenol	6.73	94	150781	36.15	ng	# 72
11) bis(2-Chloroethyl)ether	6.82	93	119552	38.27	ng	92
12) 1,3-Dichlorobenzene	7.05	146	136189	36.02	ng	99
13) 1,4-Dichlorobenzene	7.15	146	138836	35.34	ng	99
14) 1,2-Dichlorobenzene	7.33	146	132027	36.66	ng	99
15) Benzyl Alcohol	7.32	79	101023	36.68	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.49	45	163500	38.84	ng	97
17) 2-Methylphenol	7.47	107	104958	37.93	ng	99
18) Hexachloroethane	7.74	117	47915	37.19	ng	92
19) n-Nitroso-di-n-propylamine	7.65	70	90463	37.07	ng	# 92
20) 3+4-Methylphenols	7.66	107	136112	37.49	ng	99
22) Acetophenone	7.64	105	181901	40.70	ng	# 94
24) Nitrobenzene	7.85	77	129565	39.05	ng	# 85
25) Isophorone	8.14	82	238797	38.39	ng	94
26) 2-Nitrophenol	8.24	139	62890	38.72	ng	# 86
27) 2,4-Dimethylphenol	8.32	122	119601	40.41	ng	98
28) bis(2-Chloroethoxy)methane	8.43	93	156088	41.34	ng	99
29) 2,4-Dichlorophenol	8.54	162	111005	39.35	ng	94
30) 1,2,4-Trichlorobenzene	8.64	180	117896	37.35	ng	98
31) Naphthalene	8.73	128	371656	35.84	ng	99
32) Benzoic acid	8.43	122	53407	33.36	ng	99
33) 4-Chloroaniline	8.81	127	93917	22.32	ng	# 93
34) Hexachlorobutadiene	8.89	225	66270	37.05	ng	97
35) Caprolactam	9.24	113	34095	41.36	ng	96
36) 4-Chloro-3-methylphenol	9.42	107	113542	40.00	ng	84
37) 2-Methylnaphthalene	9.58	142	262175	37.64	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.79	216	111853	36.07	ng	# 100
40) Hexachlorocyclopentadiene	9.78	237	115493	74.63	ng	97

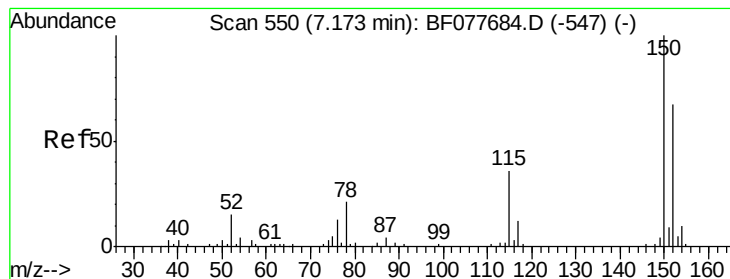
Data Path : Z:\HPCHEM1\BNA F\DATA\BF032015\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.95	196	79230	36.89	nq	98
43) 2,4,5-Trichlorophenol	10.00	196	85885	37.01	nq	# 92
45) 1,1'-Biphenyl	10.17	154	304562	36.65	nq	97
46) 2-Chloronaphthalene	10.19	162	246528	36.50	nq	94
47) 2-Nitroaniline	10.33	65	68681	40.95	nq	97
48) Acenaphthylene	10.70	152	396972	35.35	nq	99
49) Dimethylphthalate	10.57	163	308966	40.07	nq	100
50) 2,6-Dinitrotoluene	10.64	165	63970	40.03	nq	96
51) Acenaphthene	10.91	154	224891	34.93	nq	99
52) 3-Nitroaniline	10.84	138	49230	26.52	nq	95
53) 2,4-Dinitrophenol	10.97	184	41493	71.61	nq	94
54) Dibenzofuran	11.13	168	355482	37.22	nq	93
55) 4-Nitrophenol	11.07	139	104865	76.27	nq	94
56) 2,4-Dinitrotoluene	11.13	165	81547	39.13	nq	97
57) Fluorene	11.55	166	284407	35.87	nq	99
58) 2,3,4,6-Tetrachlorophenol	11.29	232	71362	39.94	nq	# 100
59) Diethylphthalate	11.44	149	296640	39.49	nq	94
60) 4-Chlorophenyl-phenylether	11.56	204	135018	37.31	nq	# 89
61) 4-Nitroaniline	11.60	138	68282	36.91	nq	92
62) Azobenzene	11.76	77	275735	38.40	nq	91
64) 4,6-Dinitro-2-methylphenol	11.63	198	34241	37.80	nq	91
65) n-Nitrosodiphenylamine	11.71	169	249605	38.04	nq	100
66) 4-Bromophenyl-phenylether	12.17	248	81326	38.67	nq	# 87
67) Hexachlorobenzene	12.23	284	89061	38.54	nq	# 89
68) Atrazine	12.40	200	83382	45.35	nq	98
69) Pentachlorophenol	12.48	266	88780	73.61	nq	98
70) Phenanthrene	12.74	178	432178	38.20	nq	99
71) Anthracene	12.81	178	455893	40.79	nq	99
72) Carbazole	13.01	167	405976	38.18	nq	99
73) Di-n-butylphthalate	13.47	149	502622	42.16	nq	99
74) Fluoranthene	14.21	202	471749	37.81	nq	98
76) Benzidine	14.40	184	208400	43.14	nq	99
77) Pyrene	14.49	202	481789	39.20	nq	99
79) Butylbenzylphthalate	15.33	149	212292	43.80	nq	88
80) Benzo(a)anthracene	16.01	228	444621	38.37	nq	100
81) 3,3'-Dichlorobenzidine	16.00	252	108654	28.43	nq	97
82) Chrysene	16.05	228	426049	40.89	nq	99
83) Bis(2-ethylhexyl)phthalate	16.09	149	321274	43.76	nq	# 96
84) Di-n-octyl phthalate	16.93	149	532322	42.41	nq	100
85) Indeno(1,2,3-cd)pyrene	19.28	276	474787	36.51	nq	# 100
87) Benzo(b)fluoranthene	17.39	252	412029	34.37	nq	97
88) Benzo(k)fluoranthene	17.43	252	433051m	46.25	nq	
89) Benzo(a)pyrene	17.80	252	413312	41.32	nq	# 98
90) Dibenzo(a,h)anthracene	19.31	278	391045	39.42	nq	98
91) Benzo(g,h,i)perylene	19.69	276	399784	39.58	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.13 min Scan# 546

Delta R.T. -0.00 min

Lab File: BF077866.D

Acq: 20 Mar 2015 16:35

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BNA_F

ClientSampleId :

PB82217BS

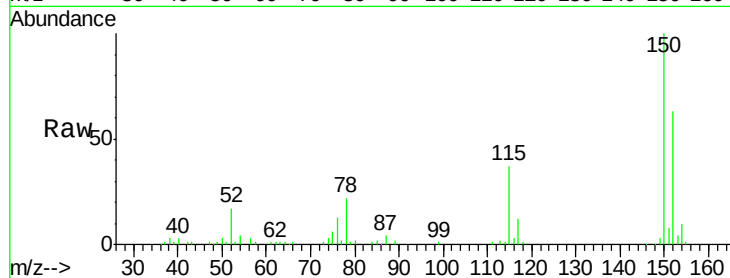
Tot Ion:152 Resp: 49844

Ion Ratio Lower Upper

152 100

150 158.8 119.5 179.3

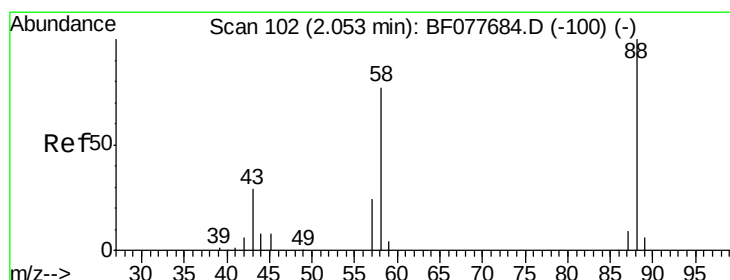
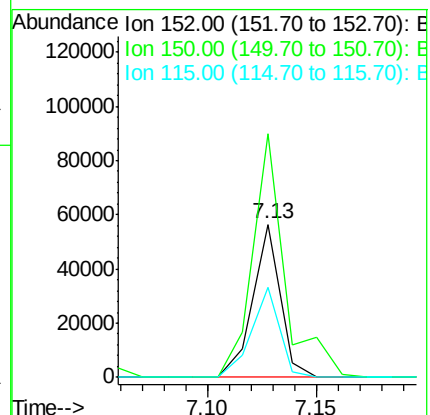
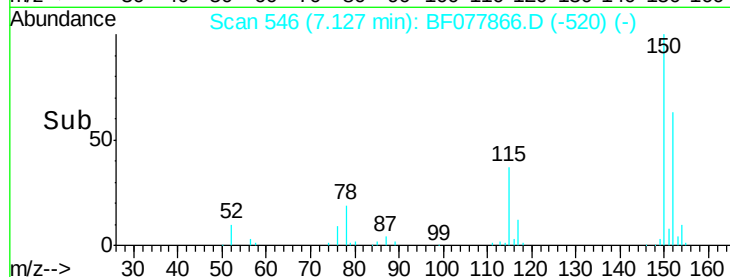
115 58.3 43.0 64.4



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: 29.52 ng

RT: 2.03 min Scan# 100

Delta R.T. 0.03 min

Lab File: BF077866.D

Acq: 20 Mar 2015 16:35

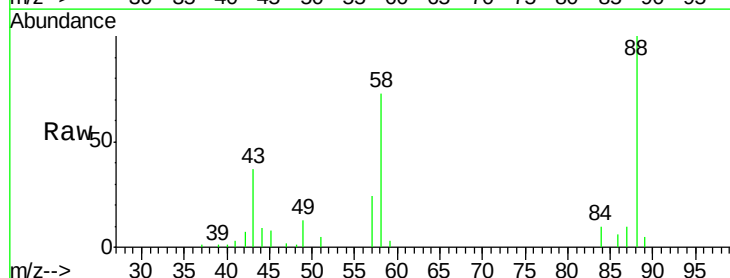
Tgt Ion: 88 Resp: 38266

Ion Ratio Lower Upper

88 100

58 73.2 0.0 0.0#

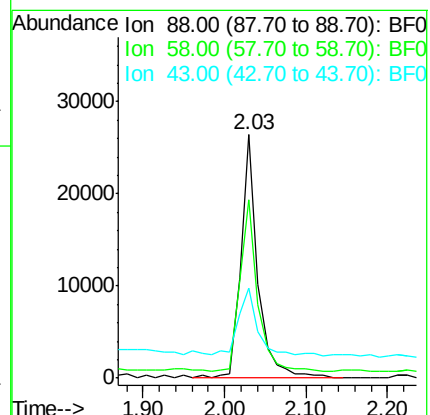
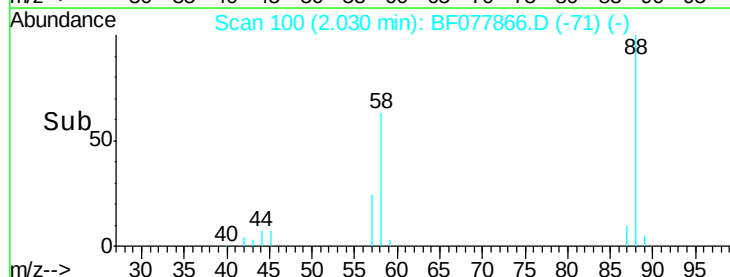
43 29.5 0.0 0.0#

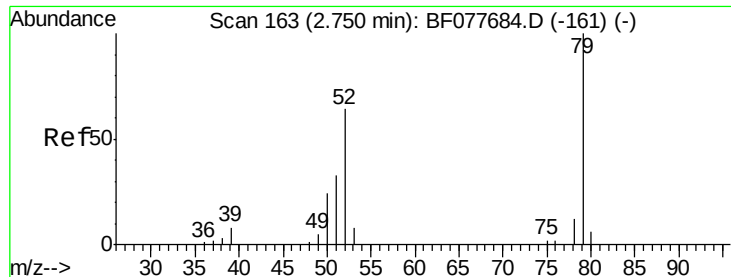


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 31.68 ng

RT: 2.70 min Scan# 159

Delta R.T. 0.02 min

Lab File: BF077866.D

Acq: 20 Mar 2015 16:35

Instrument :

BNA_F

ClientSampleId :

PB82217BS

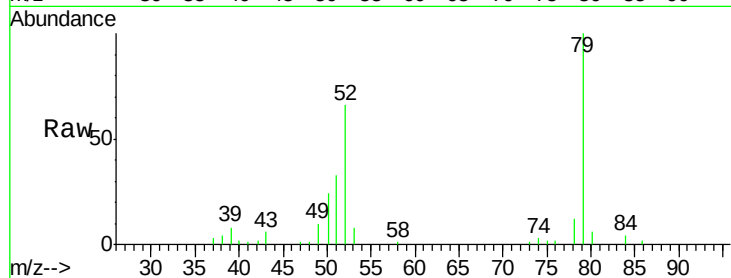
Tot Ion: 79 Resp: 110355

Ion Ratio Lower Upper

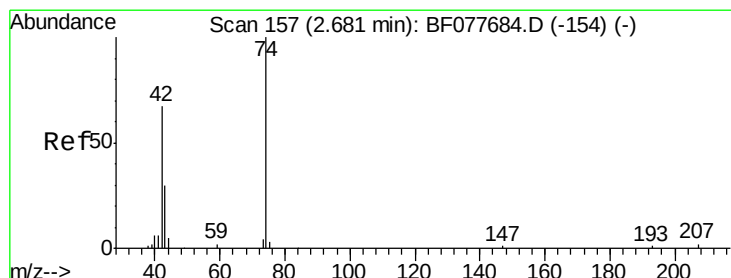
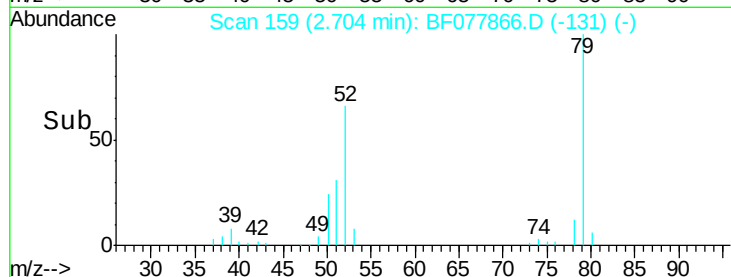
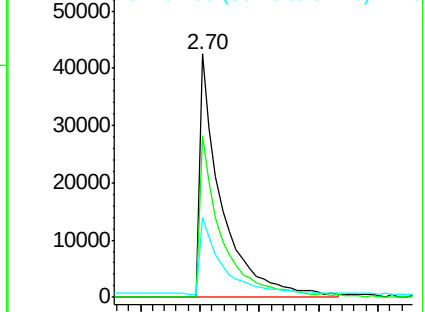
79 100

52 66.4 51.1 76.7

51 32.8 26.1 39.1



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 52.00 (51.70 to 52.70): BF0
Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 32.21 ng

RT: 2.64 min Scan# 153

Delta R.T. 0.02 min

Lab File: BF077866.D

Acq: 20 Mar 2015 16:35

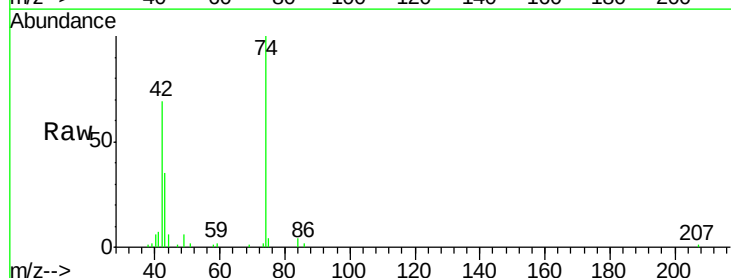
Tgt Ion: 42 Resp: 48862

Ion Ratio Lower Upper

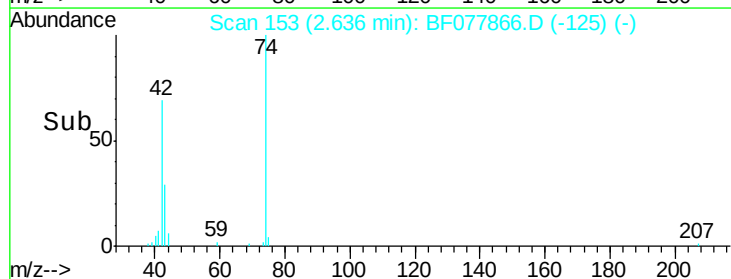
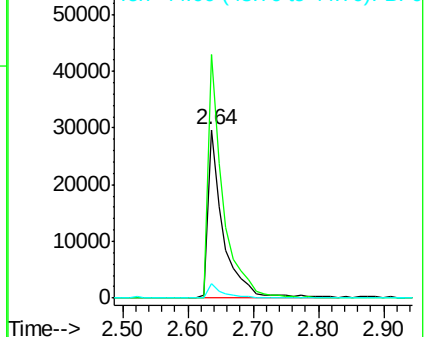
42 100

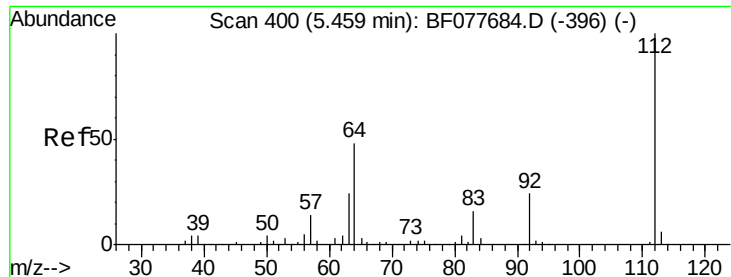
74 144.7 119.3 178.9

44 8.3 5.4 8.2



Abundance Ion 42.00 (41.70 to 42.70): BF0
Ion 74.00 (73.70 to 74.70): BF0
Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 118.81 ng

RT: 5.42 min Scan# 397

Delta R.T. 0.01 min

Lab File: BF077866.D

Acq: 20 Mar 2015 16:35

Instrument :

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ClientSampleId :

PB82217BS

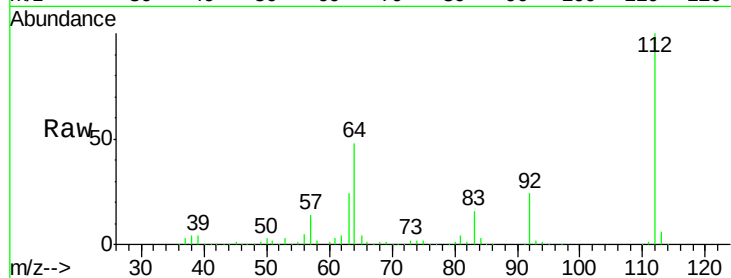
Tot Ion: 112 Resp: 339261

Ion Ratio Lower Upper

112 100

64 48.0 38.6 57.8

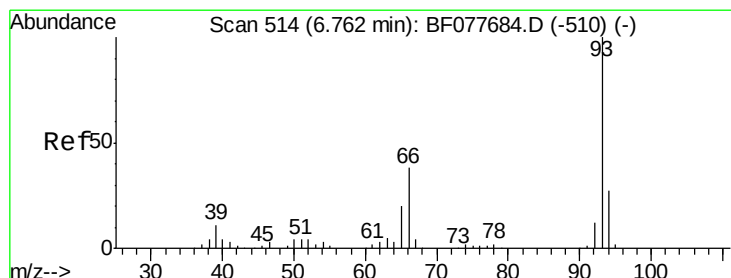
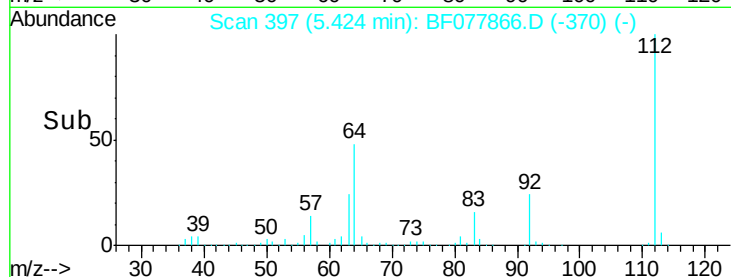
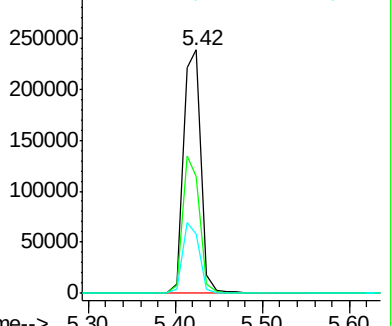
63 24.4 19.3 28.9



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: 22.69 ng

RT: 6.72 min Scan# 510

Delta R.T. -0.00 min

Lab File: BF077866.D

Acq: 20 Mar 2015 16:35

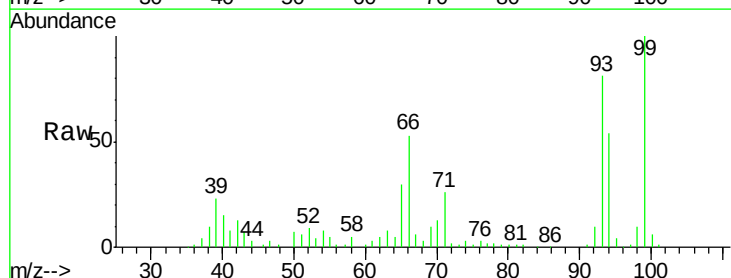
Tgt Ion: 93 Resp: 114504

Ion Ratio Lower Upper

93 100

66 65.2 30.8 46.2#

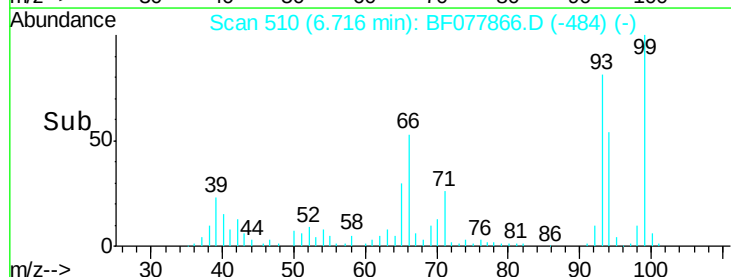
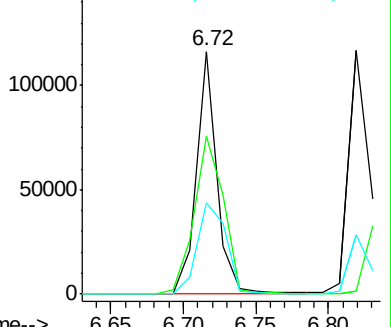
65 37.5 16.0 24.0#

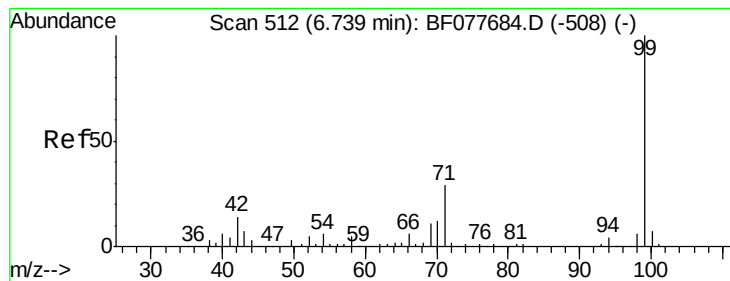


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 112.78 ng

RT: 6.70 min Scan# 509

Delta R.T. -0.00 min

Lab File: BF077866.D

Acq: 20 Mar 2015 16:35

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ClientSampleId :

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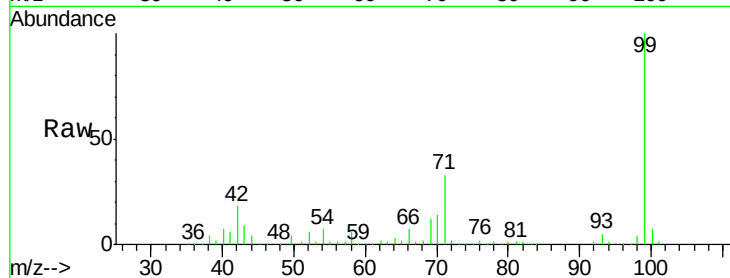
Tot Ion: 99 Resp: 397891

Ion Ratio Lower Upper

99 100

42 18.2 11.0 16.4#

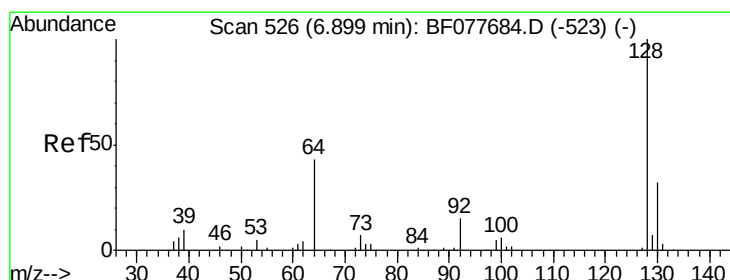
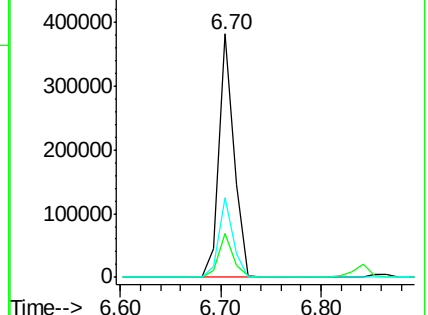
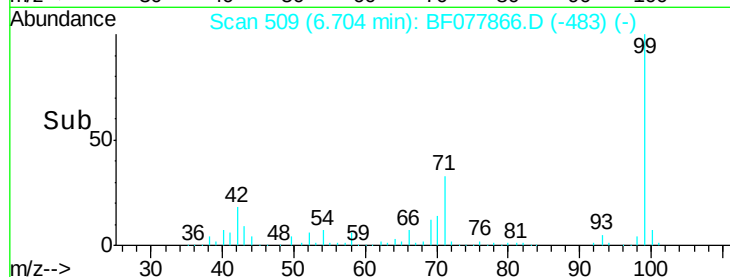
71 33.0 23.4 35.2



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: 38.21 ng

RT: 6.86 min Scan# 523

Delta R.T. -0.00 min

Lab File: BF077866.D

Acq: 20 Mar 2015 16:35

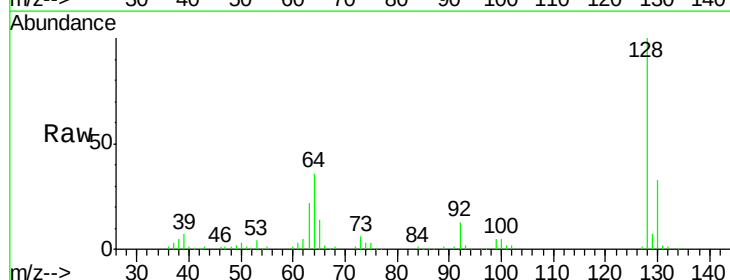
Tgt Ion: 128 Resp: 129863

Ion Ratio Lower Upper

128 100

130 32.6 12.0 52.0

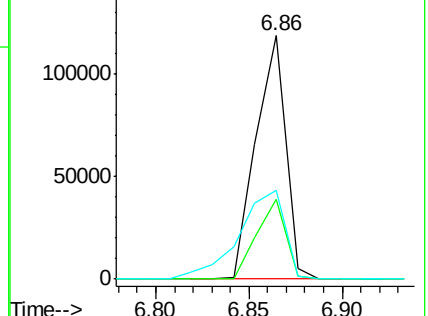
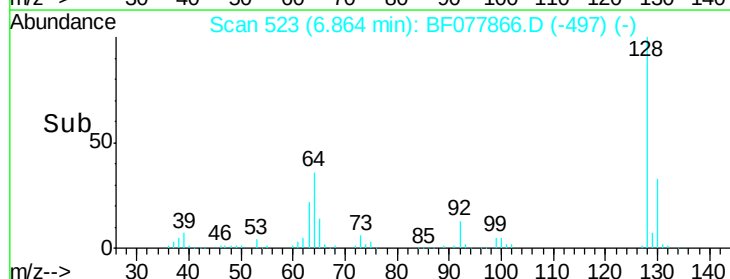
64 36.3 24.9 64.9

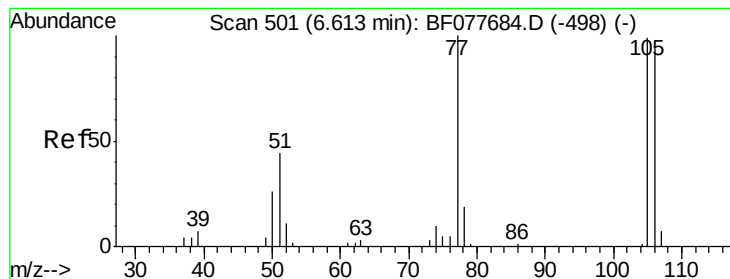


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 5.30 ng

RT: 6.58 min Scan# 498

Delta R.T. 0.01 min

Lab File: BF077866.D

Acq: 20 Mar 2015 16:35

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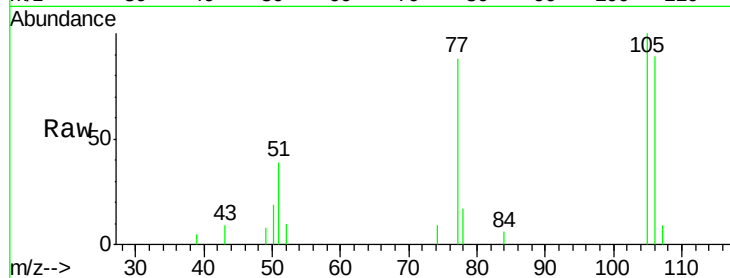
Tot Ion: 77 Resp: 7661

Ion Ratio Lower Upper

77 100

105 113.1 78.8 118.8

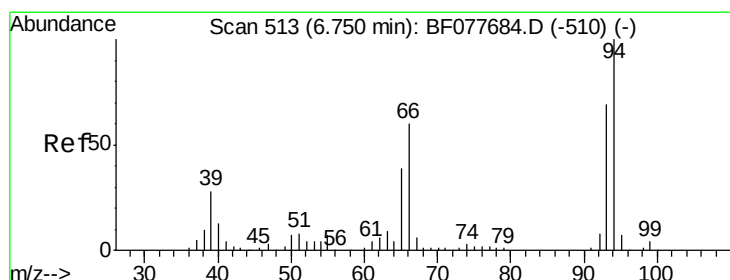
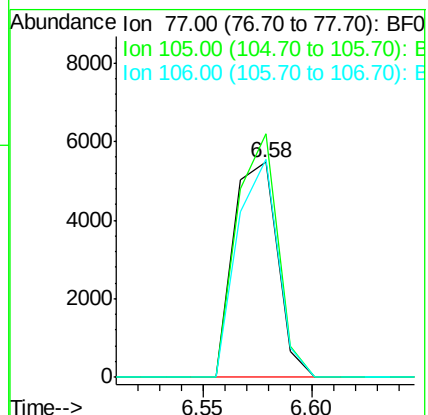
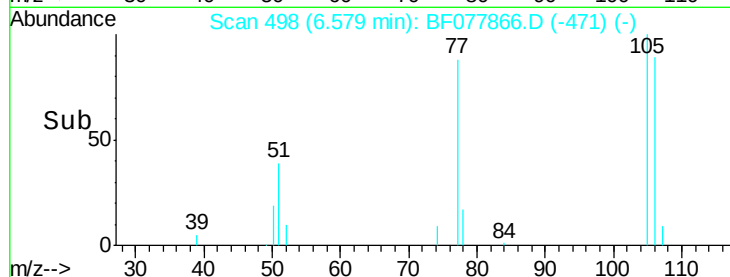
106 101.0 73.7 113.7



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: 36.15 ng

RT: 6.73 min Scan# 511

Delta R.T. 0.01 min

Lab File: BF077866.D

Acq: 20 Mar 2015 16:35

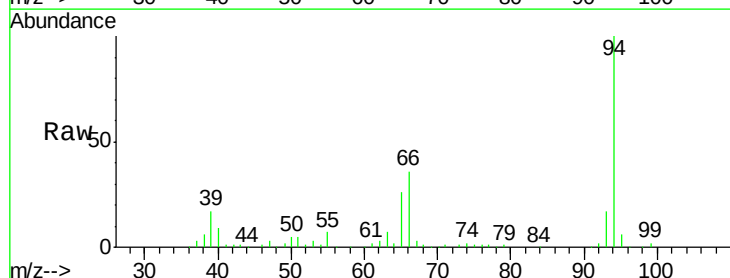
Tgt Ion: 94 Resp: 150781

Ion Ratio Lower Upper

94 100

65 25.8 18.8 58.8

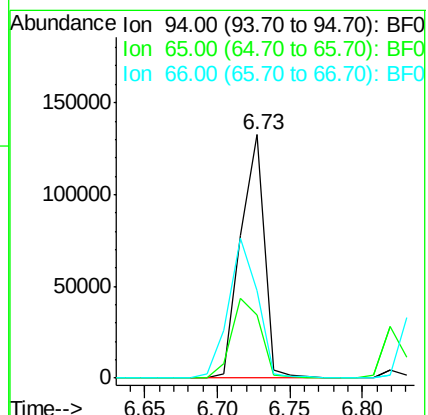
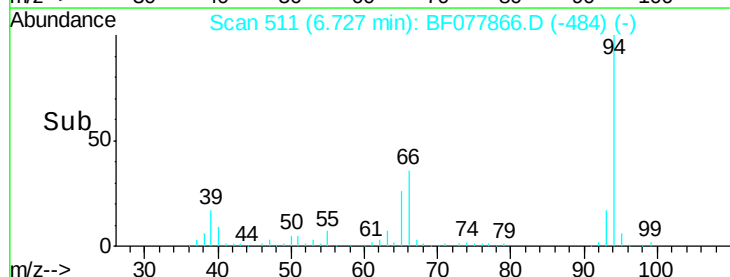
66 35.7 39.9 79.9#

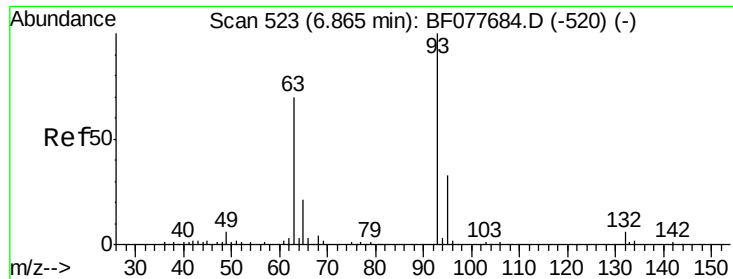


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 38.27 ng

RT: 6.82 min Scan# 519

Delta R.T. -0.00 min

Lab File: BF077866.D

Acq: 20 Mar 2015 16:35

Instrument :

BNA_F

ClientSampleId :

PB82217BS

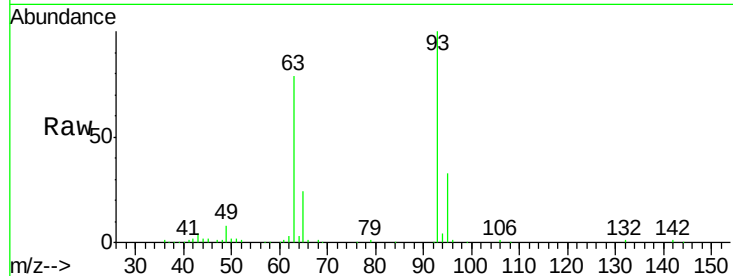
Tot Ion: 93 Resp: 119552

Ion Ratio Lower Upper

93 100

63 79.0 49.5 89.5

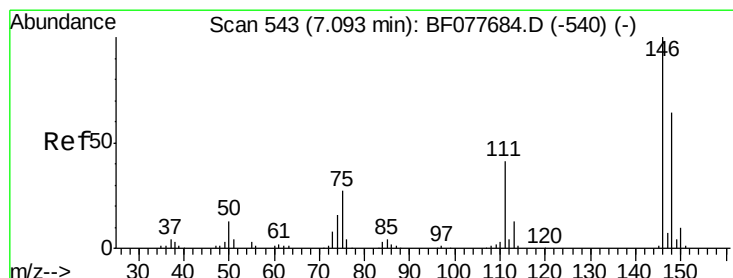
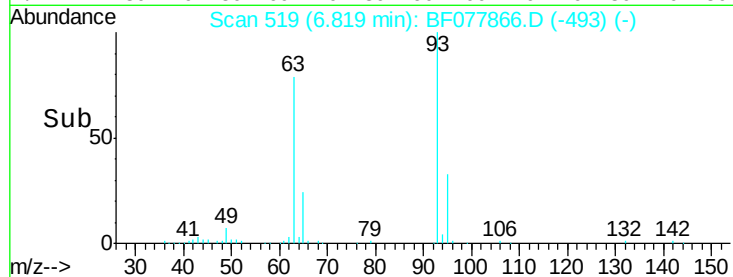
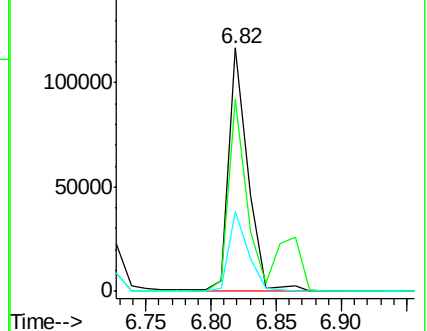
95 32.6 13.5 53.5



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 36.02 ng

RT: 7.05 min Scan# 539

Delta R.T. -0.00 min

Lab File: BF077866.D

Acq: 20 Mar 2015 16:35

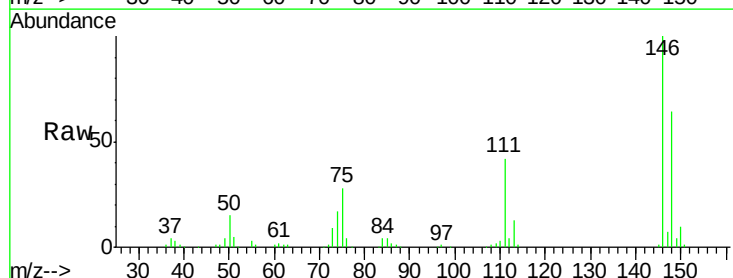
Tgt Ion: 146 Resp: 136189

Ion Ratio Lower Upper

146 100

148 63.9 50.9 76.3

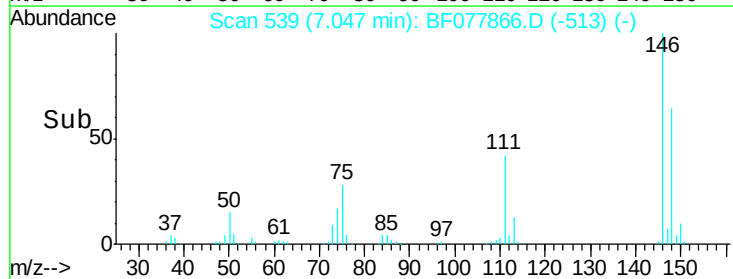
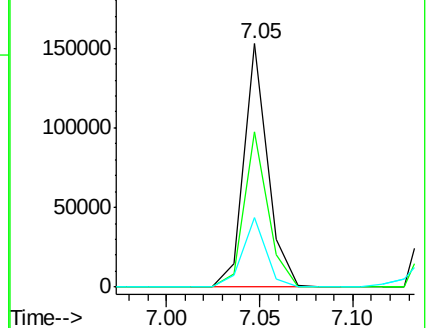
75 28.5 21.4 32.2

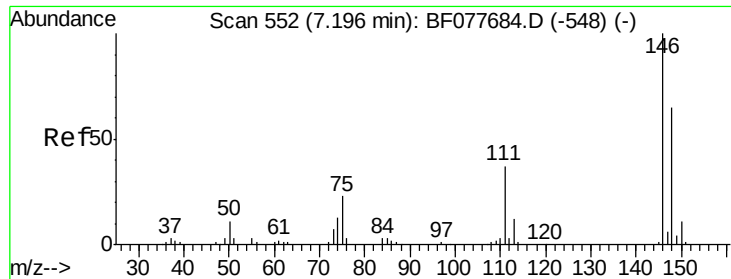


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

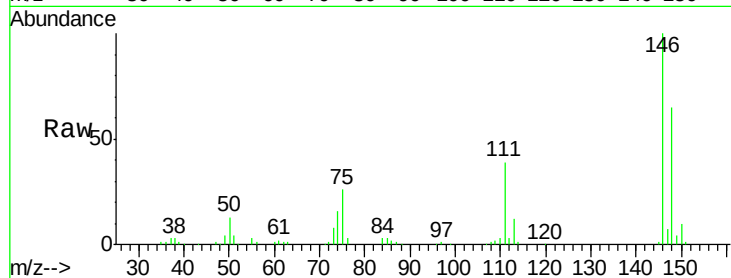




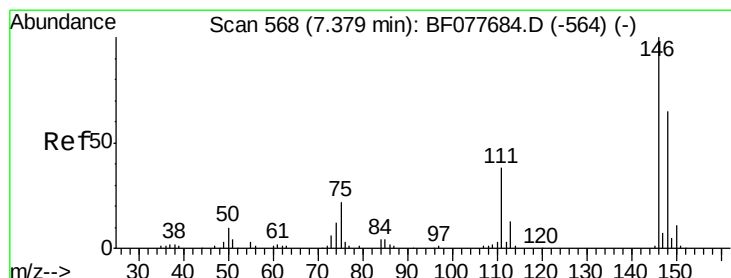
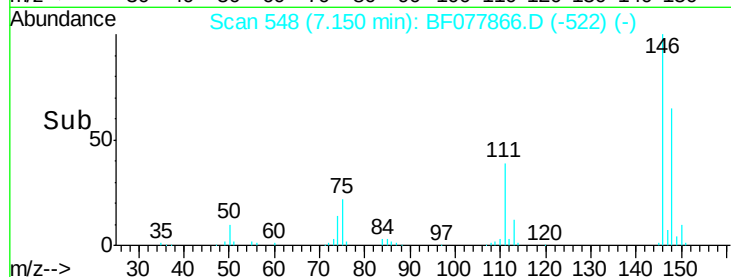
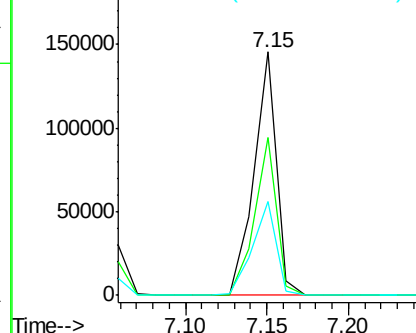
#13
 1,4-Dichlorobenzene
 Concen: 35.34 ng
 RT: 7.15 min Scan# 548
 Delta R.T. -0.00 min
 Lab File: BF077866.D
 Acq: 20 Mar 2015 16:35

Instrument :
 BNA_F
 ClientSampleId :
 PB82217BS

Tot Ion:146 Resp: 138836
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.9 77.9
 111 38.7 29.2 43.8

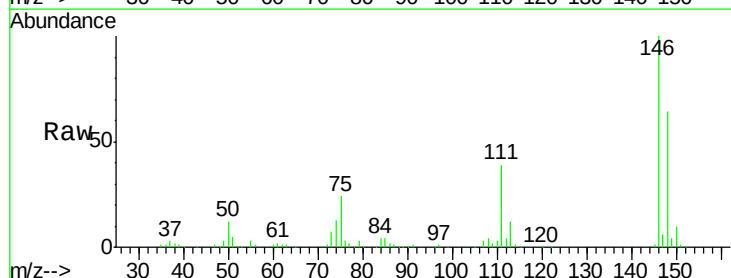


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

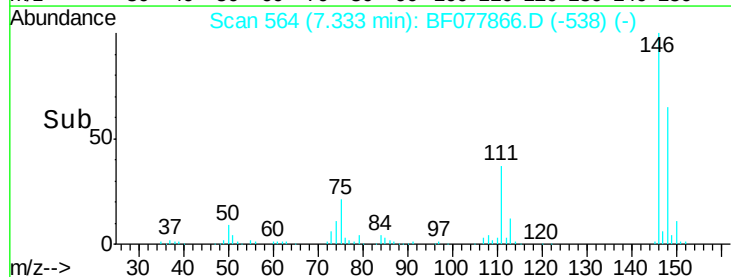
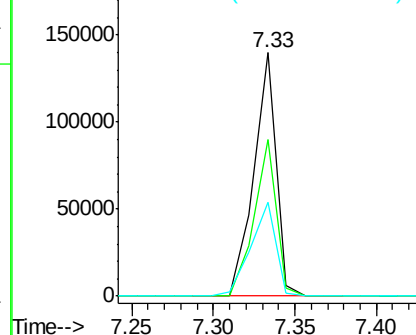


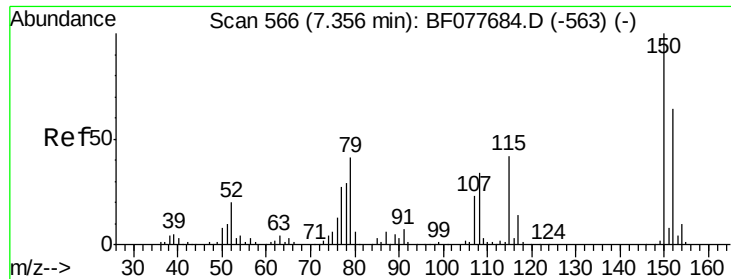
#14
 1,2-Dichlorobenzene
 Concen: 36.66 ng
 RT: 7.33 min Scan# 564
 Delta R.T. -0.00 min
 Lab File: BF077866.D
 Acq: 20 Mar 2015 16:35

Tgt Ion:146 Resp: 132027
 Ion Ratio Lower Upper
 146 100
 148 64.2 52.3 78.5
 111 38.5 30.6 45.8



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

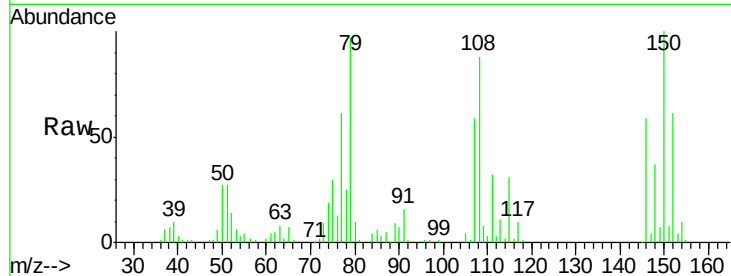




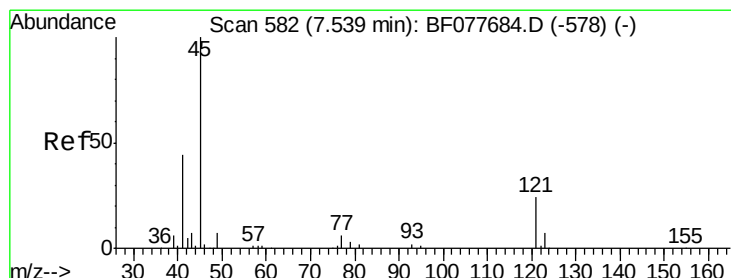
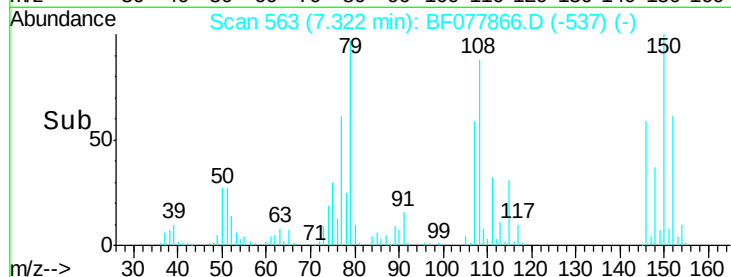
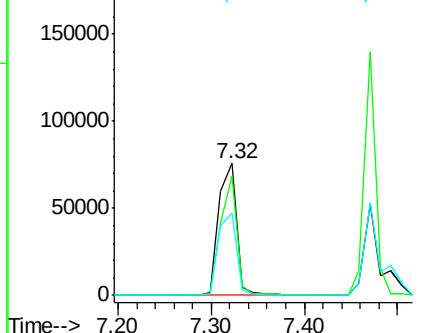
#15
Benzyl Alcohol
Concen: 36.68 ng
RT: 7.32 min Scan# 563
Delta R.T. -0.00 min
Lab File: BF077866.D
Acq: 20 Mar 2015 16:35

Instrument :
BNA_F
ClientSampleId :
PB82217BS

Tot Ion: 79 Resp: 101023
Ion Ratio Lower Upper
79 100
108 90.6 65.0 97.4
77 62.7 53.0 79.6

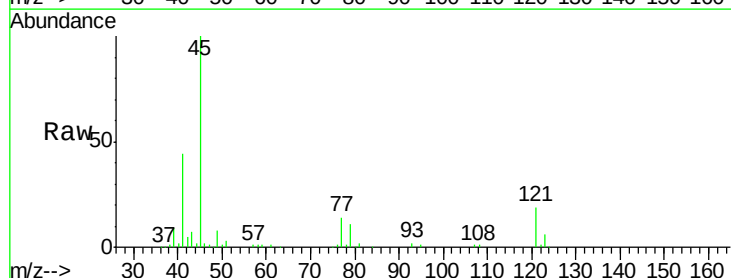


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

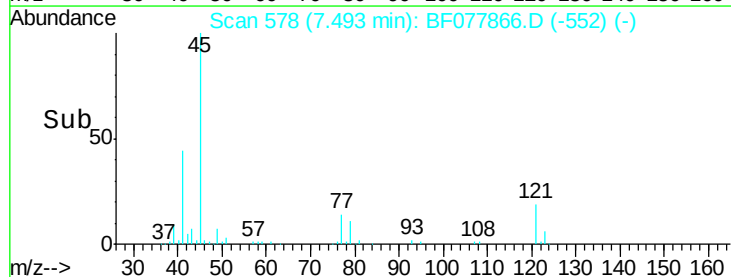
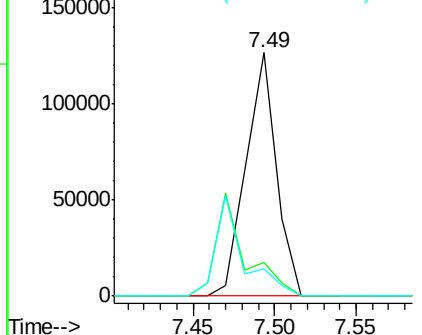


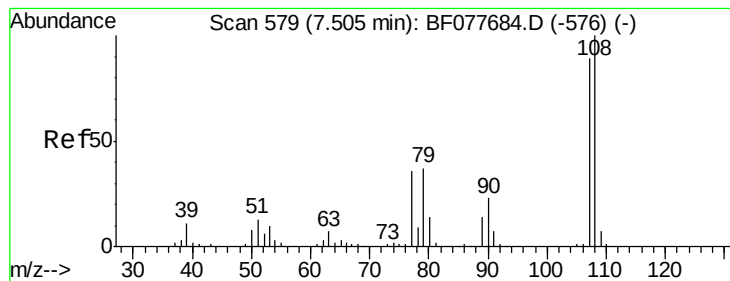
#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.84 ng
RT: 7.49 min Scan# 578
Delta R.T. -0.00 min
Lab File: BF077866.D
Acq: 20 Mar 2015 16:35

Tgt Ion: 45 Resp: 163500
Ion Ratio Lower Upper
45 100
77 13.6 0.0 35.2
79 11.3 0.0 32.0



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

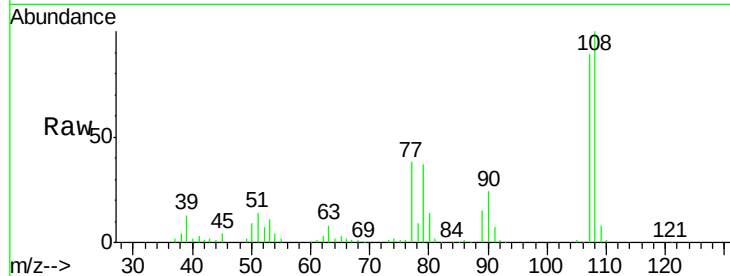




#17
2-Methylphenol
Concen: 37.93 ng
RT: 7.47 min Scan# 576
Delta R.T. -0.00 min
Lab File: BF077866.D
Acq: 20 Mar 2015 16:35

Instrument :
BNA_F
ClientSampleId :
PB82217BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.5	89.8	134.8
77	42.7	32.6	48.8
79	42.0	32.8	49.2



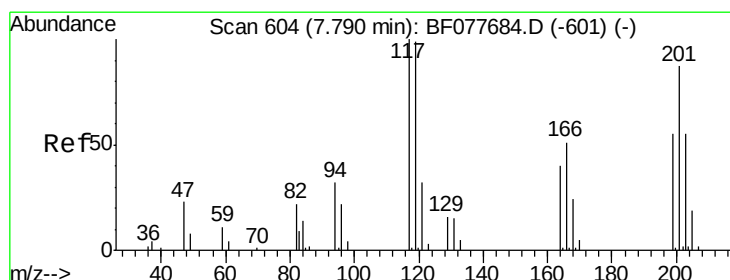
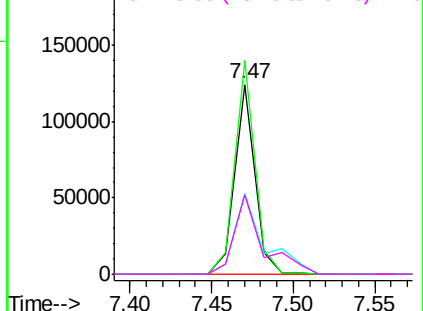
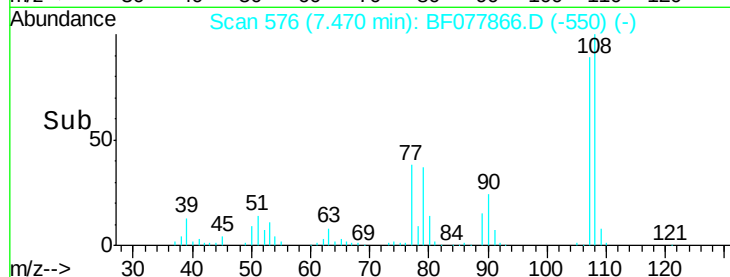
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

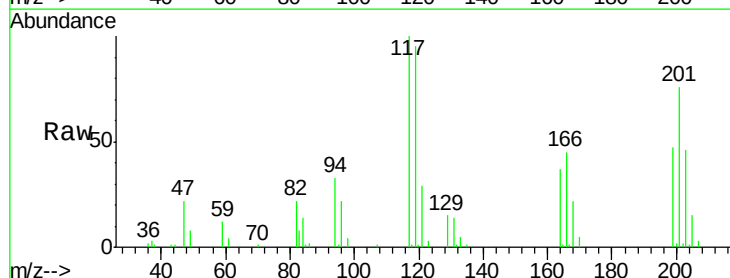
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 37.19 ng
RT: 7.74 min Scan# 600
Delta R.T. -0.00 min
Lab File: BF077866.D
Acq: 20 Mar 2015 16:35

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.1	79.2	118.8
201	75.7	69.8	104.6

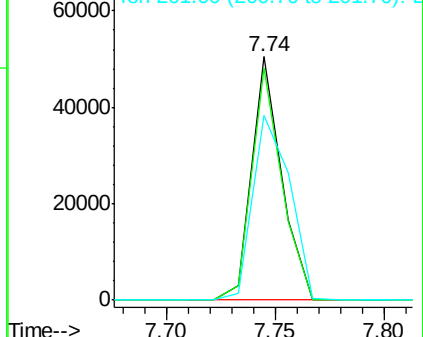
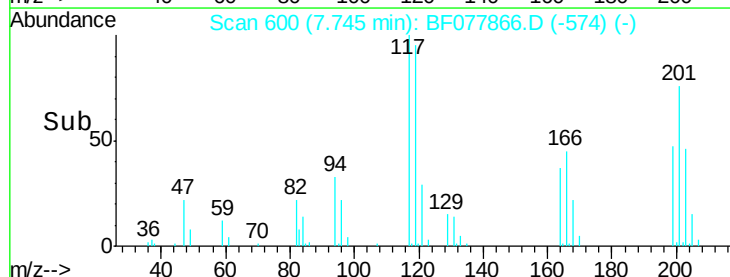


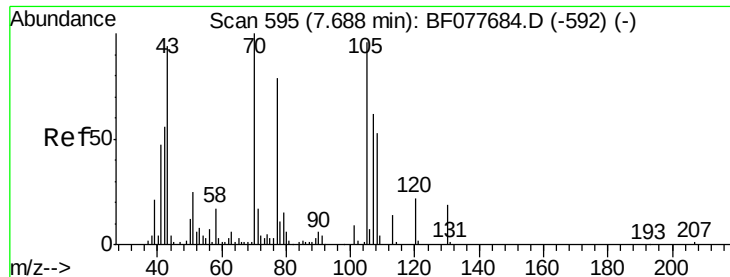
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

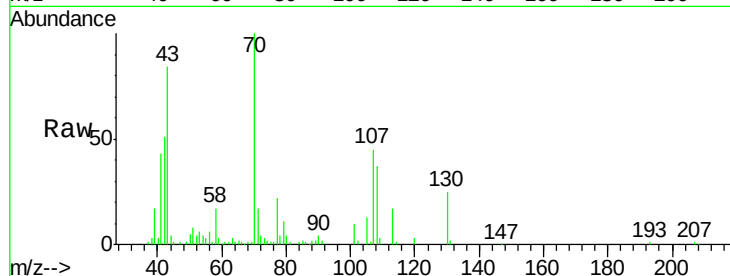




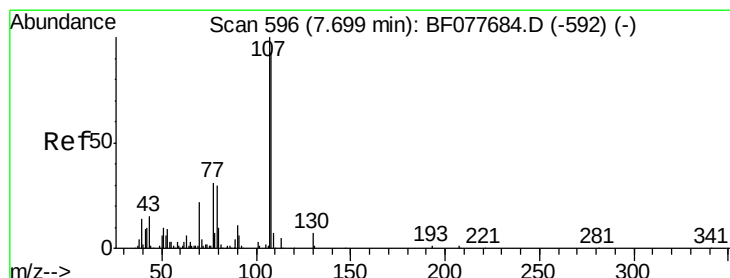
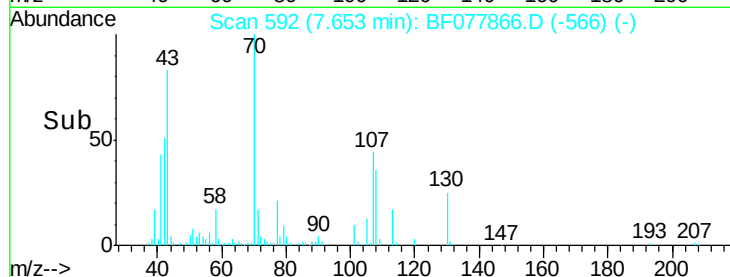
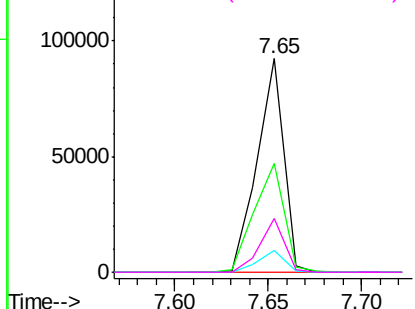
#19
n-Nitroso-di-n-propylamine
Concen: 37.07 ng
RT: 7.65 min Scan# 592
Delta R.T. -0.00 min
Lab File: BF077866.D
Acq: 20 Mar 2015 16:35

Instrument :
BNA_F
ClientSampleId :
PB82217BS

Tot Ion: 70 Resp: 90463
Ion Ratio Lower Upper
70 100
42 50.8 44.5 66.7
101 10.2 7.4 11.2
130 24.9 15.3 22.9#

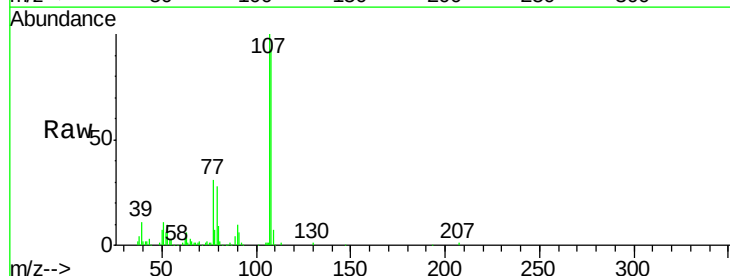


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

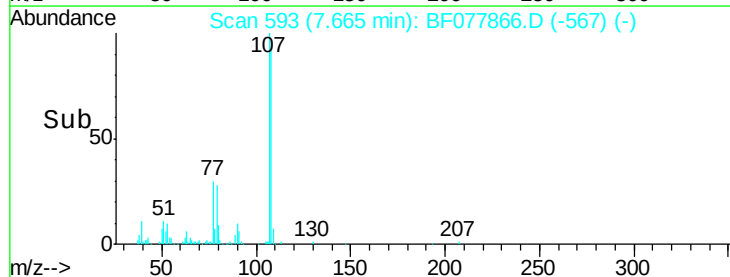
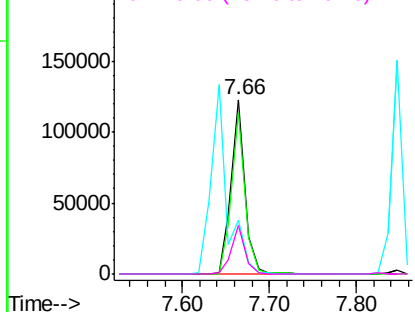


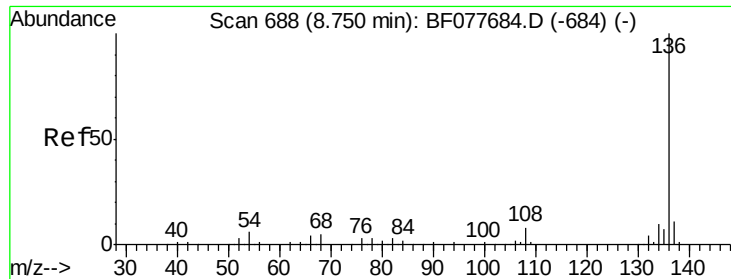
#20
3+4-Methylphenols
Concen: 37.49 ng
RT: 7.66 min Scan# 593
Delta R.T. -0.00 min
Lab File: BF077866.D
Acq: 20 Mar 2015 16:35

Tgt Ion:107 Resp: 136112
Ion Ratio Lower Upper
107 100
108 92.5 73.2 113.2
77 30.7 10.7 50.7
79 28.1 9.6 49.6



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

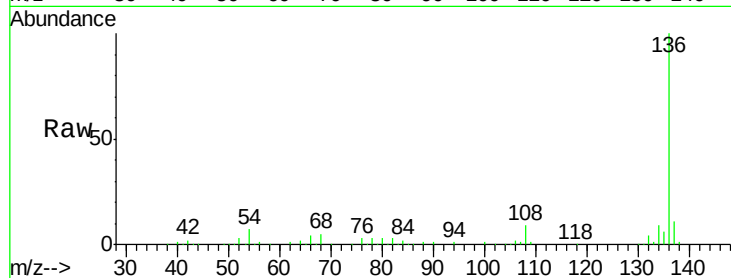




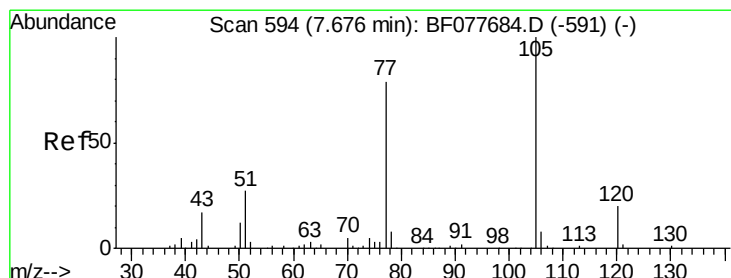
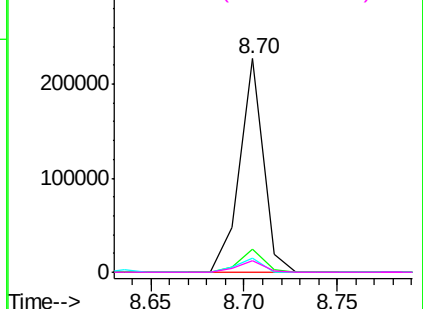
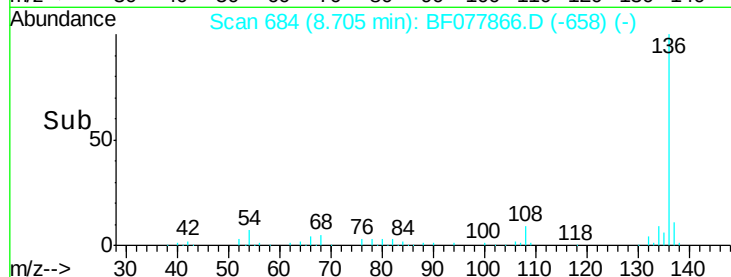
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.70 min Scan# 684
Delta R.T. -0.00 min
Lab File: BF077866.D
Acq: 20 Mar 2015 16:35

Instrument :
BNA_F
ClientSampleId :
PB82217BS

Tot Ion:136	Resp:	201888
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.7 13.1
54	6.6	4.6 6.8
68	5.3	3.7 5.5

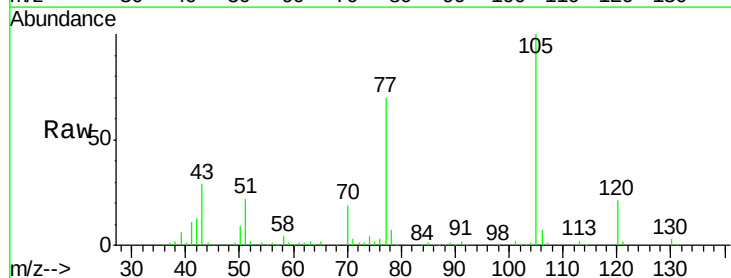


Abundance Ion 136.00 (135.70 to 136.70): E

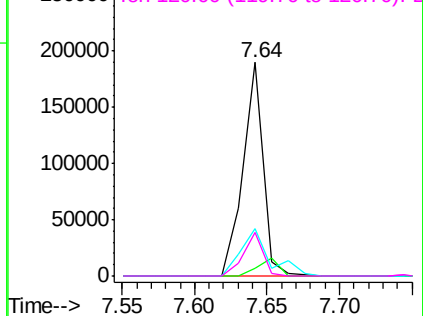
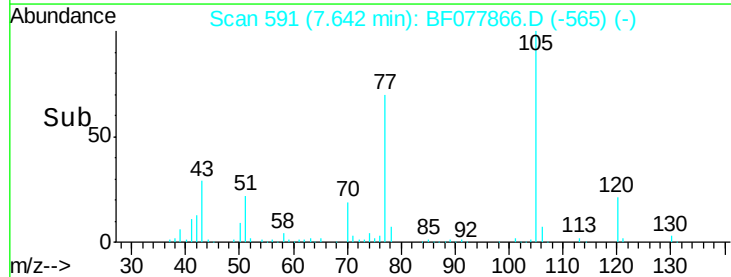


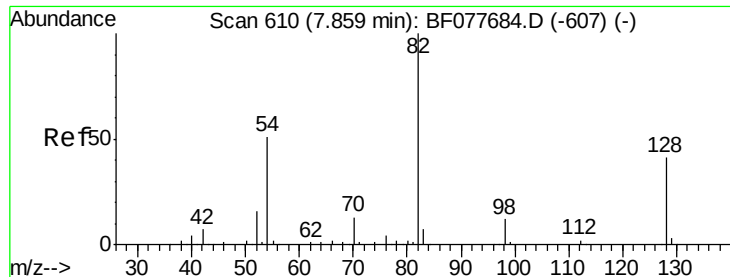
#22
Acetophenone
Concen: 40.70 ng
RT: 7.64 min Scan# 591
Delta R.T. -0.00 min
Lab File: BF077866.D
Acq: 20 Mar 2015 16:35

Tgt Ion:105	Resp:	181901
Ion Ratio	Lower	Upper
105	100	
71	3.4	0.6 1.0#
51	22.1	21.6 32.4
120	20.6	16.1 24.1



Abundance Ion 105.00 (104.70 to 105.70): E

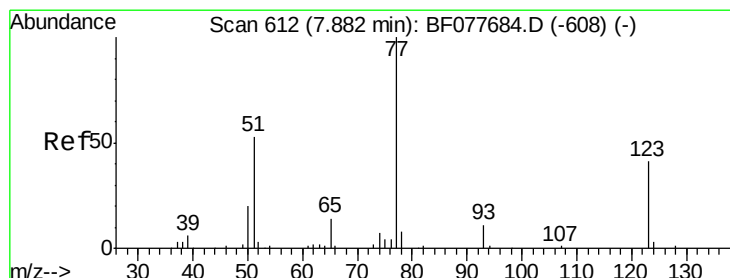
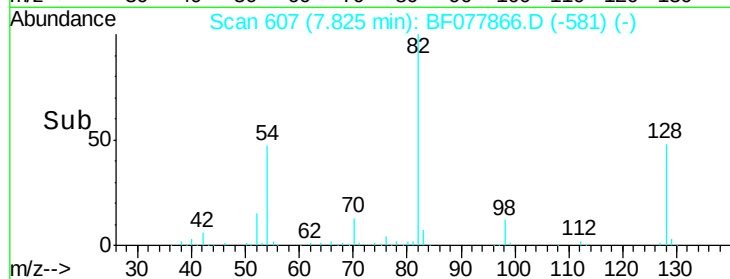
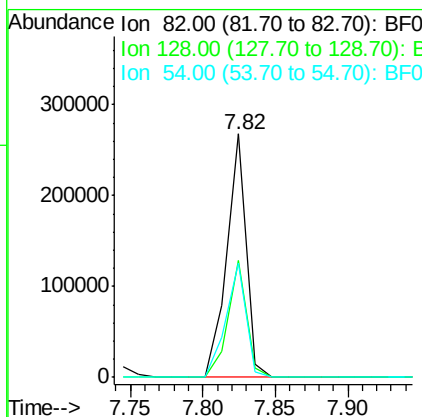
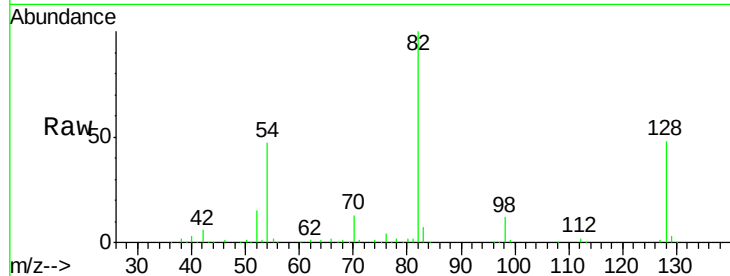




#23
 Nitrobenzene-d5
 Concen: 80.85 ng
 RT: 7.82 min Scan# 607
 Delta R.T. -0.00 min
 Lab File: BF077866.D
 Acq: 20 Mar 2015 16:35

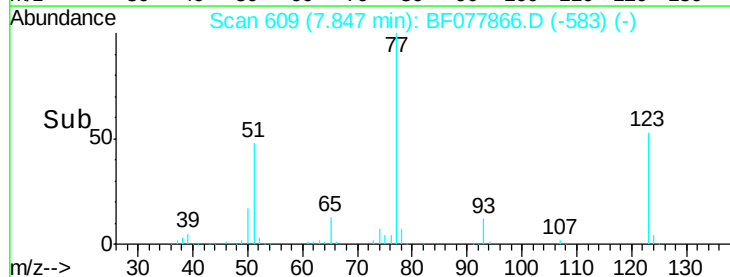
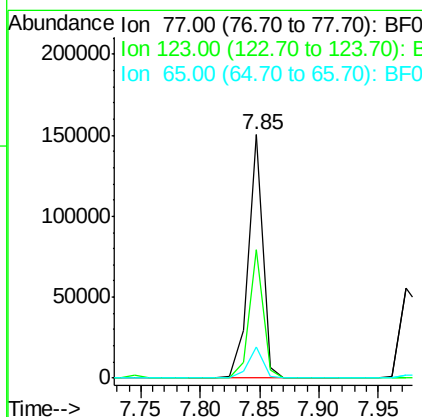
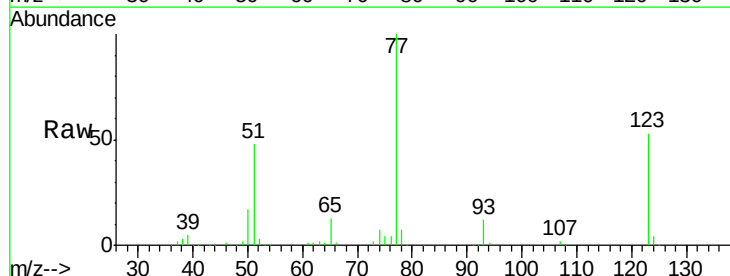
Instrument :
 BNA_F
 ClientSampleId :
 PB82217BS

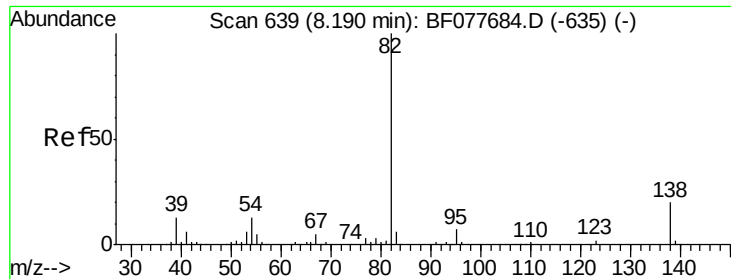
Tot Ion	82	Resp	248993
Ion Ratio	100	Lower	Upper
128	47.8	32.8	49.2
54	46.9	40.6	60.8



#24
 Nitrobenzene
 Concen: 39.05 ng
 RT: 7.85 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: BF077866.D
 Acq: 20 Mar 2015 16:35

Tgt Ion	77	Resp	129565
Ion Ratio	100	Lower	Upper
123	52.5	32.6	49.0#
65	12.7	10.9	16.3





#25

Isophorone

Concen: 38.39 ng

RT: 8.14 min Scan# 635

Delta R.T. -0.00 min

Lab File: BF077866.D

Acq: 20 Mar 2015 16:35

Instrument :

BNA_F

ClientSampleId :

PB82217BS

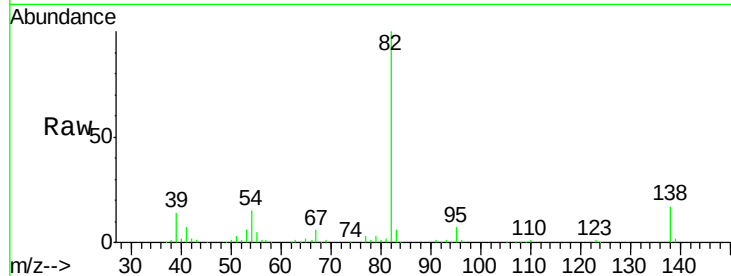
Tot Ion: 82 Resp: 238797

Ion Ratio Lower Upper

82 100

95 6.7 5.8 8.6

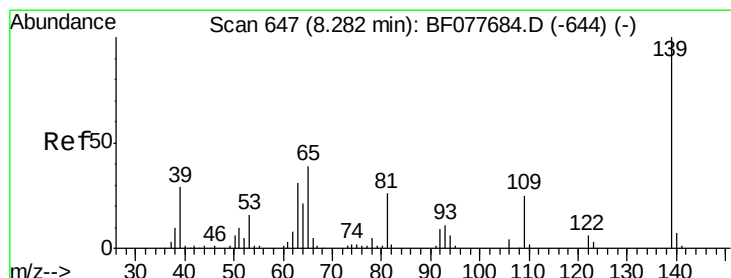
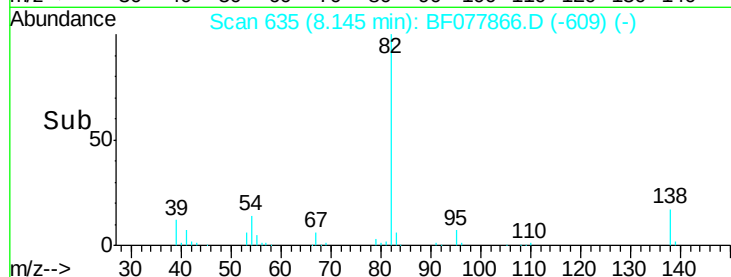
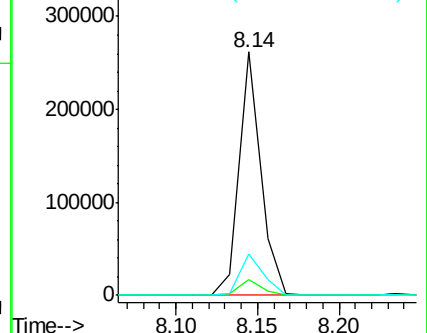
138 16.9 16.3 24.5



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: 38.72 ng

RT: 8.24 min Scan# 643

Delta R.T. -0.00 min

Lab File: BF077866.D

Acq: 20 Mar 2015 16:35

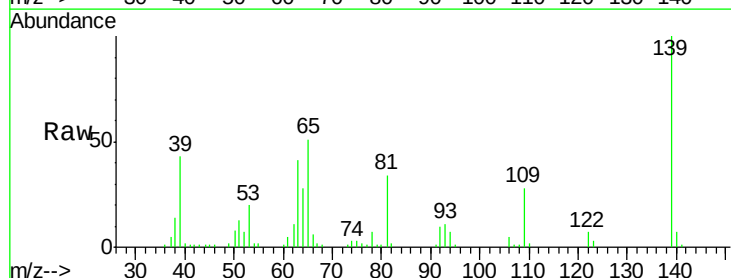
Tgt Ion: 139 Resp: 62890

Ion Ratio Lower Upper

139 100

109 27.6 20.1 30.1

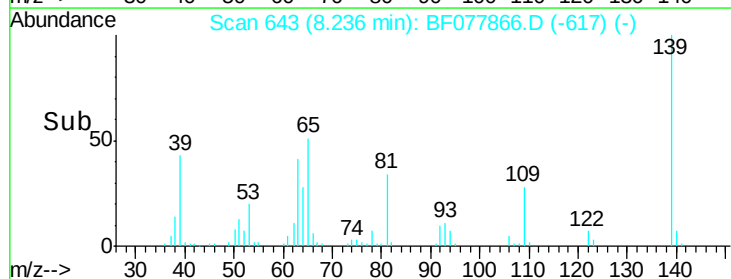
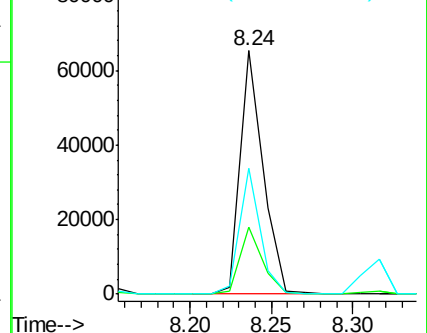
65 51.4 31.5 47.3#

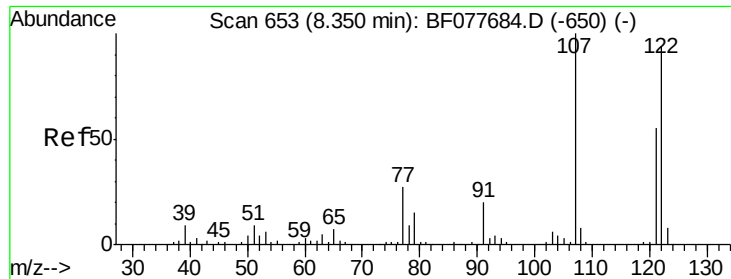


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

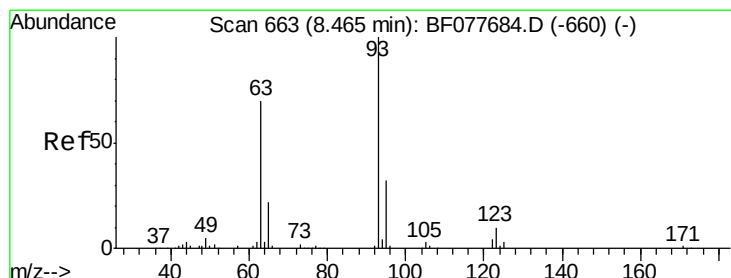
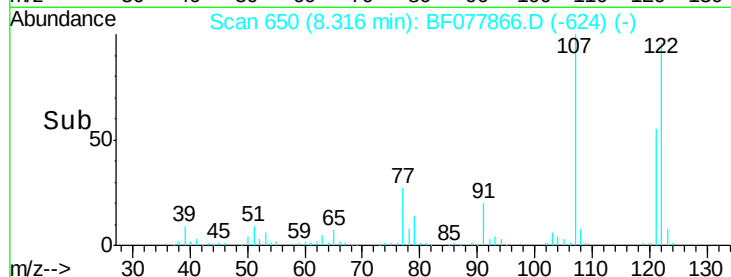
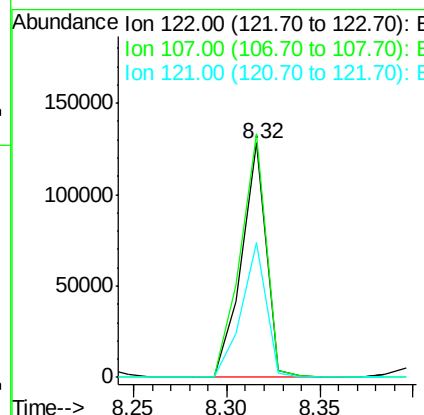
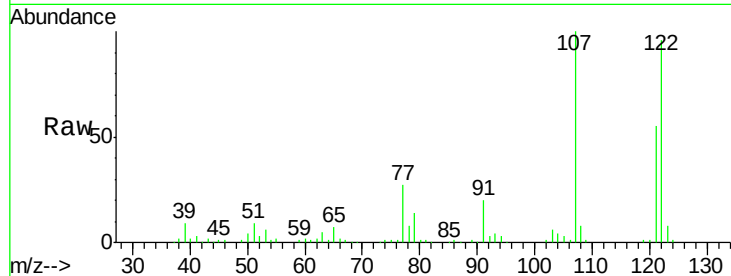




#27
 2,4-Dimethylphenol
 Concen: 40.41 ng
 RT: 8.32 min Scan# 650
 Delta R.T. -0.00 min
 Lab File: BF077866.D
 Acq: 20 Mar 2015 16:35

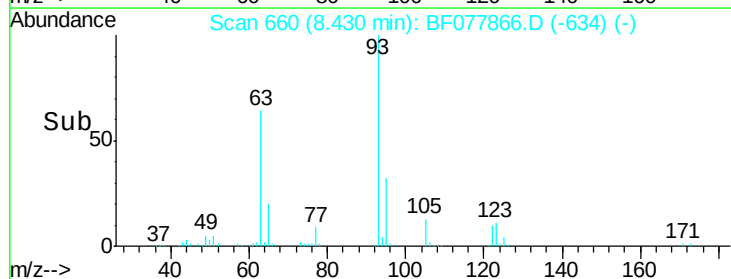
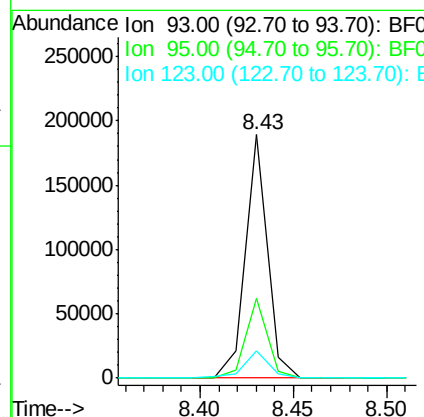
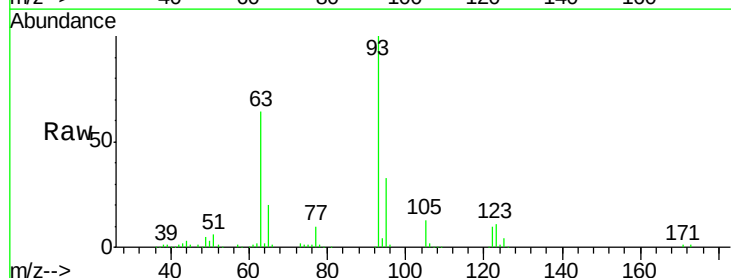
Instrument :
 BNA_F
 ClientSampleId :
 PB82217BS

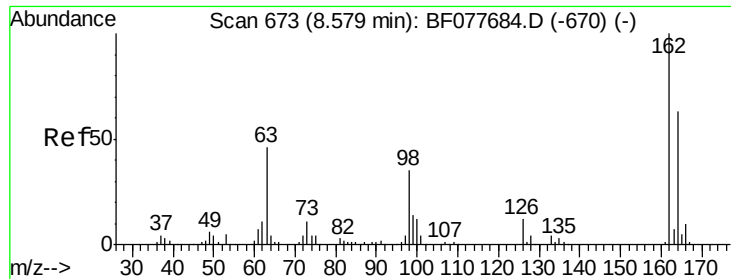
Tot Ion:122 Resp: 119601
 Ion Ratio Lower Upper
 122 100
 107 104.0 84.7 127.1
 121 57.4 46.6 69.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.34 ng
 RT: 8.43 min Scan# 660
 Delta R.T. -0.00 min
 Lab File: BF077866.D
 Acq: 20 Mar 2015 16:35

Tgt Ion: 93 Resp: 156088
 Ion Ratio Lower Upper
 93 100
 95 32.5 25.5 38.3
 123 11.2 8.6 13.0

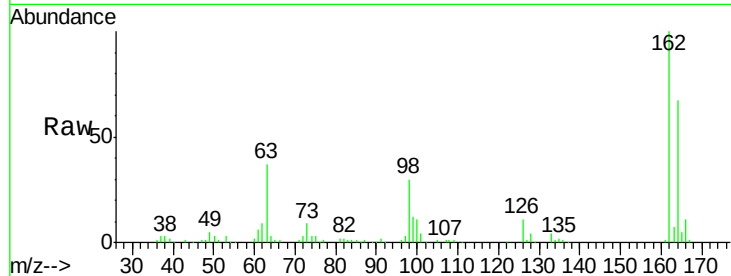




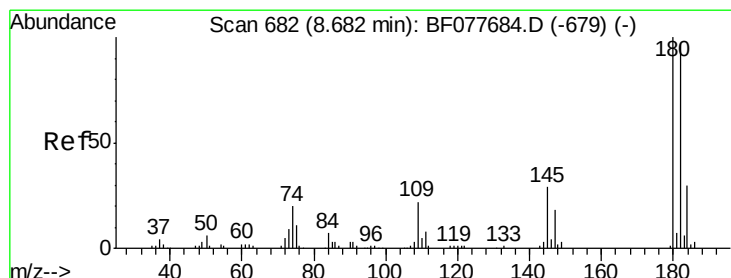
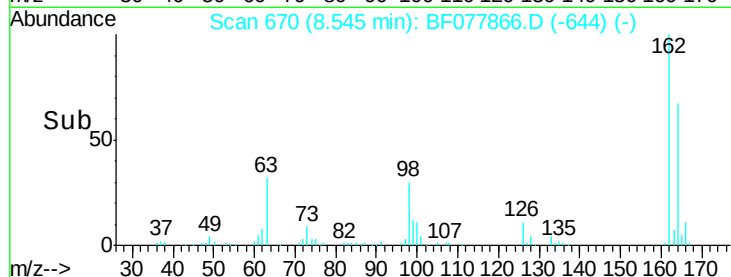
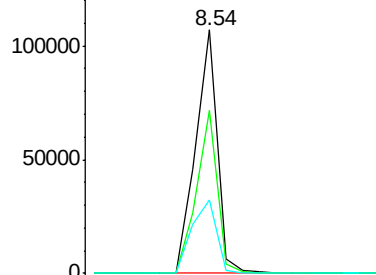
#29
 2,4-Dichlorophenol
 Concen: 39.35 ng
 RT: 8.54 min Scan# 670
 Delta R.T. -0.00 min
 Lab File: BF077866.D
 Acq: 20 Mar 2015 16:35

Instrument :
 BNA_F
 ClientSampleId :
 PB82217BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.8	42.8	82.8
98	30.3	14.5	54.5

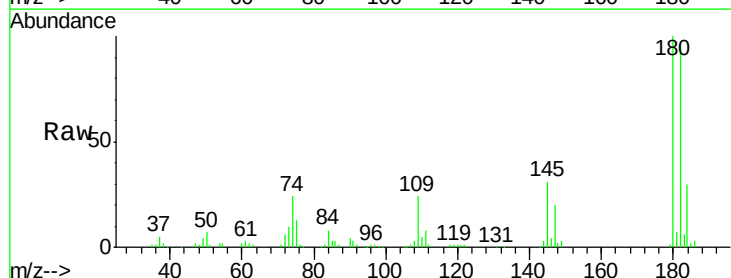


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

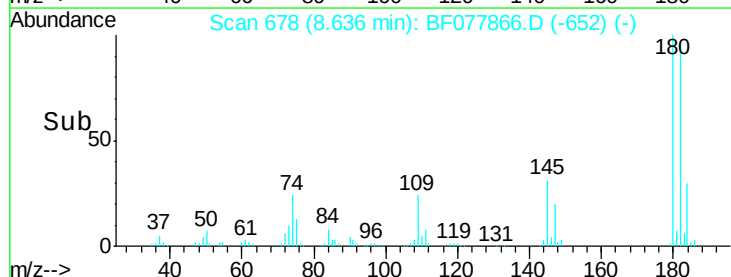
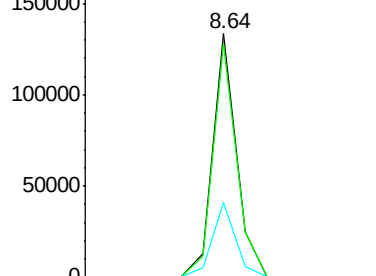


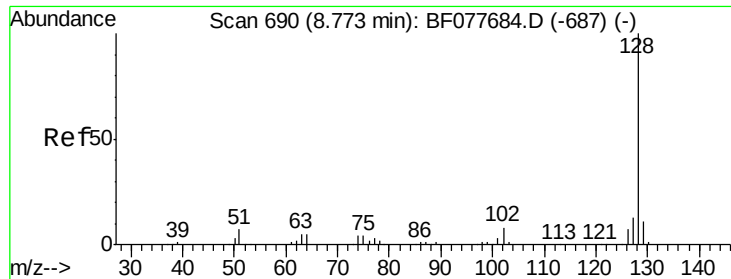
#30
 1,2,4-Trichlorobenzene
 Concen: 37.35 ng
 RT: 8.64 min Scan# 678
 Delta R.T. -0.00 min
 Lab File: BF077866.D
 Acq: 20 Mar 2015 16:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	77.6	116.4
145	30.9	23.4	35.2



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

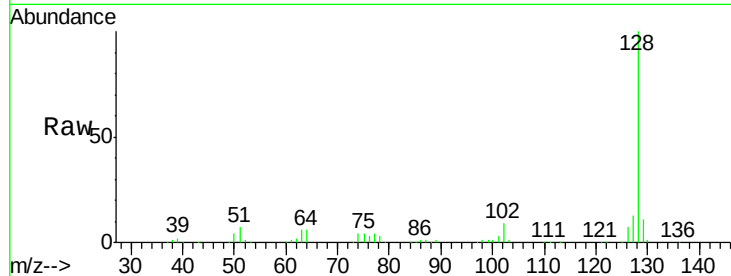




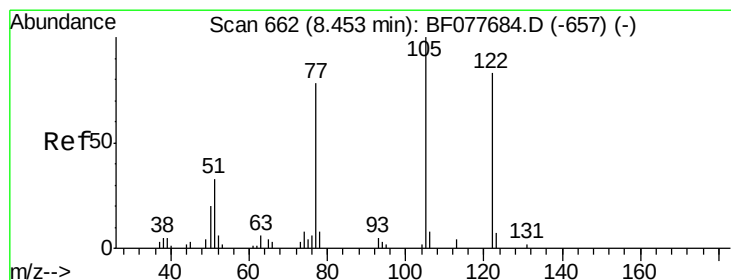
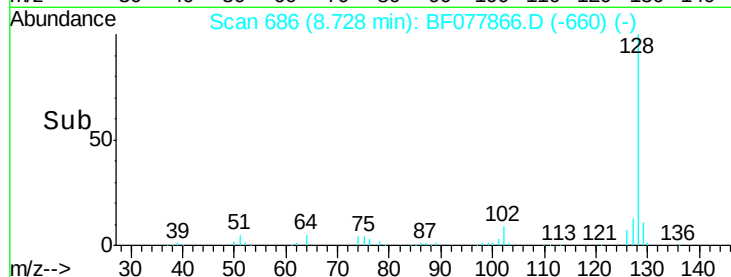
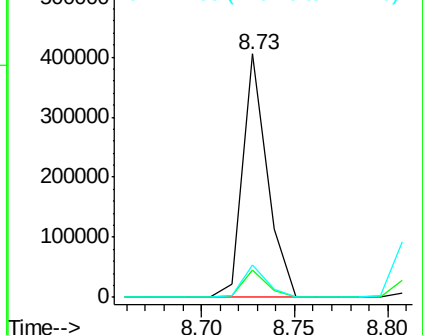
#31
Naphthalene
Concen: 35.84 ng
RT: 8.73 min Scan# 686
Delta R.T. -0.00 min
Lab File: BF077866.D
Acq: 20 Mar 2015 16:35

Instrument :
BNA_F
ClientSampleId :
PB82217BS

Tot Ion:128 Resp: 371656
Ion Ratio Lower Upper
128 100
129 11.4 8.9 13.3
127 13.1 10.4 15.6

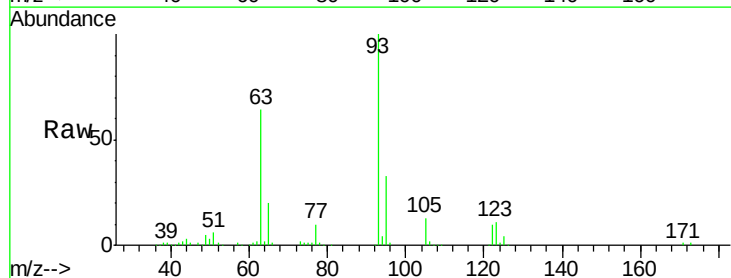


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

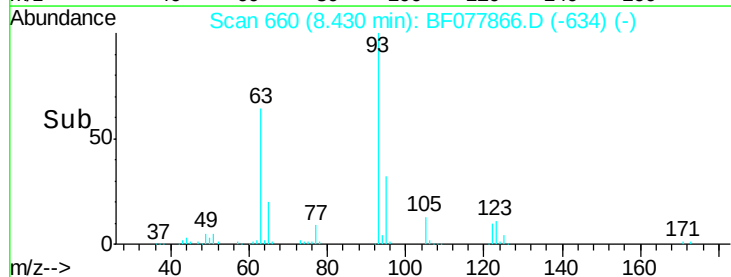
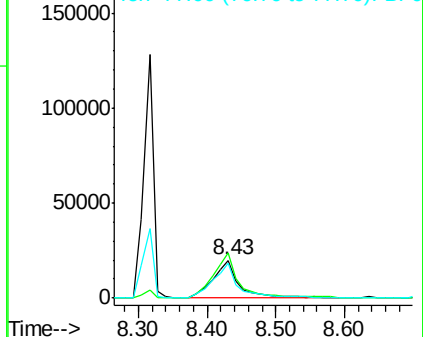


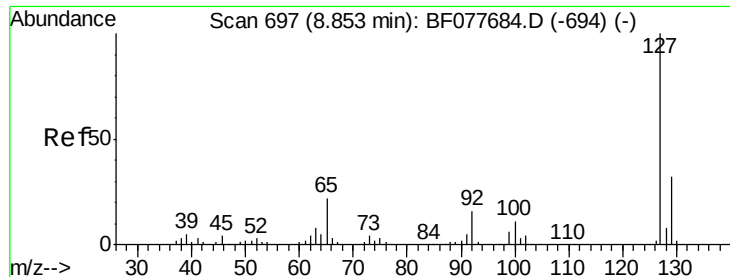
#32
Benzoic acid
Concen: 33.36 ng
RT: 8.43 min Scan# 660
Delta R.T. -0.00 min
Lab File: BF077866.D
Acq: 20 Mar 2015 16:35

Tgt Ion:122 Resp: 53407
Ion Ratio Lower Upper
122 100
105 120.7 99.9 139.9
77 91.8 73.7 113.7



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

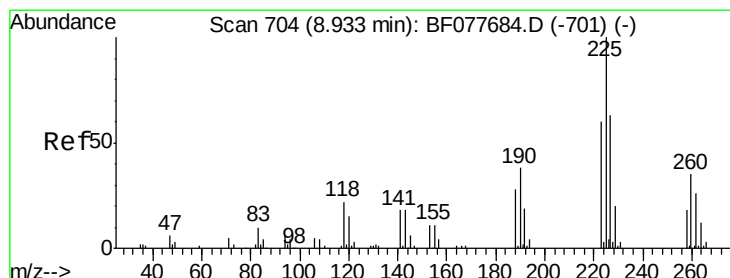
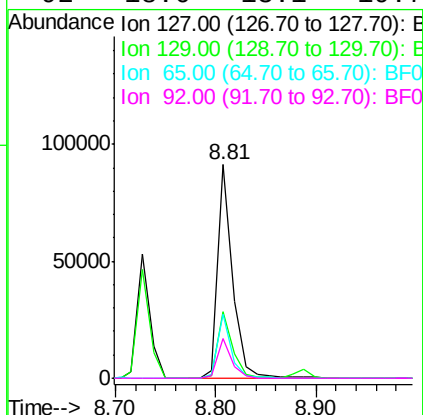
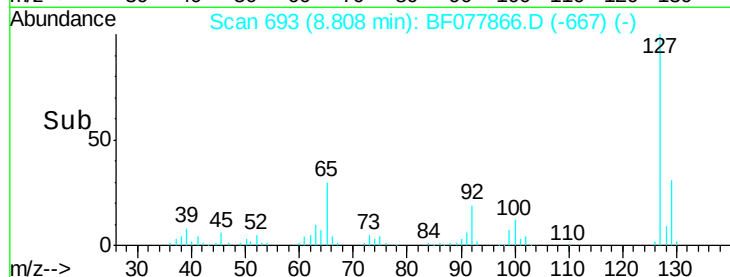
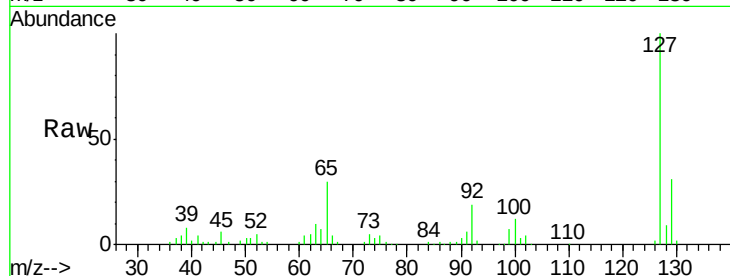




#33
4-Chloroaniline
Concen: 22.32 ng
RT: 8.81 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF077866.D
Acq: 20 Mar 2015 16:35

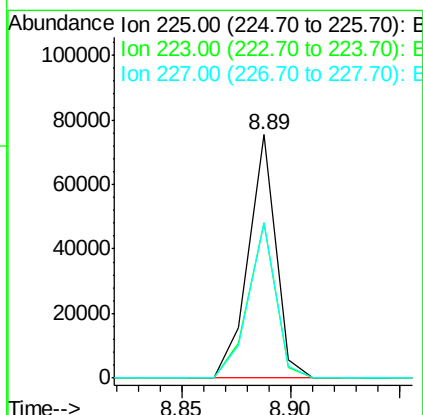
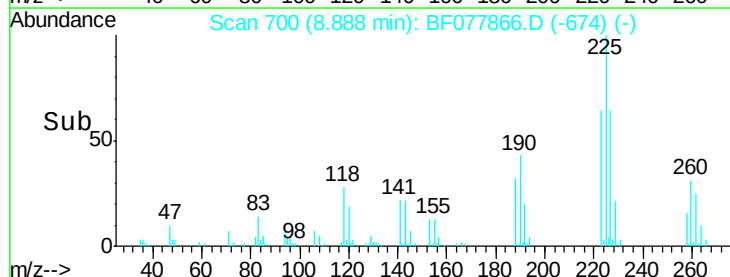
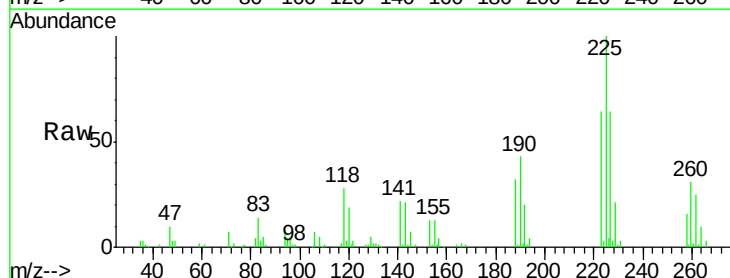
Instrument :
BNA_F
ClientSampleId :
PB82217BS

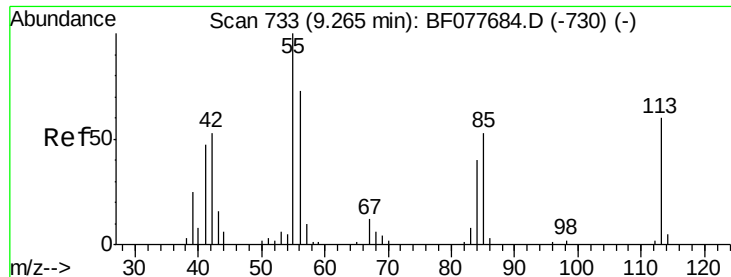
Tot Ion:	127	Resp:	93917
Ion	Ratio	Lower	Upper
127	100		
129	31.1	25.3	37.9
65	29.7	17.6	26.4
92	18.6	13.1	19.7



#34
Hexachlorobutadiene
Concen: 37.05 ng
RT: 8.89 min Scan# 700
Delta R.T. -0.00 min
Lab File: BF077866.D
Acq: 20 Mar 2015 16:35

Tgt Ion:	225	Resp:	66270
Ion	Ratio	Lower	Upper
225	100		
223	63.6	47.9	71.9
227	63.7	50.1	75.1

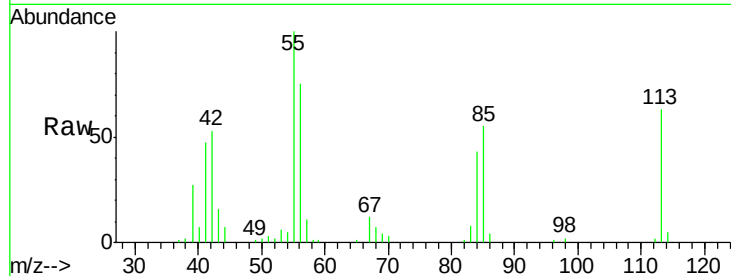




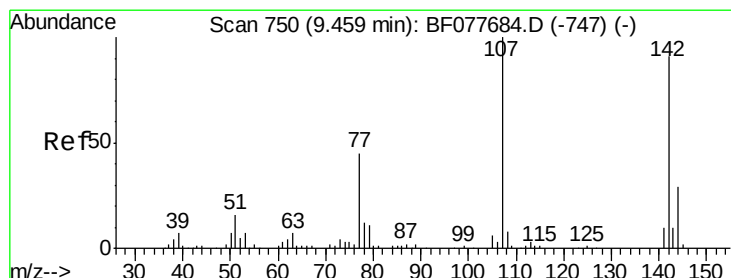
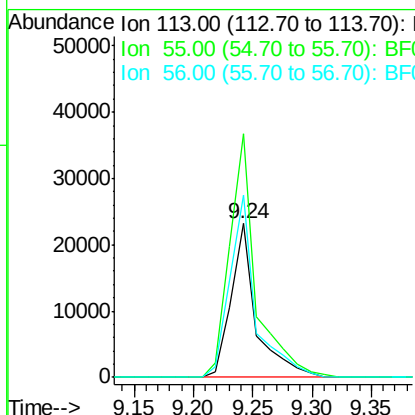
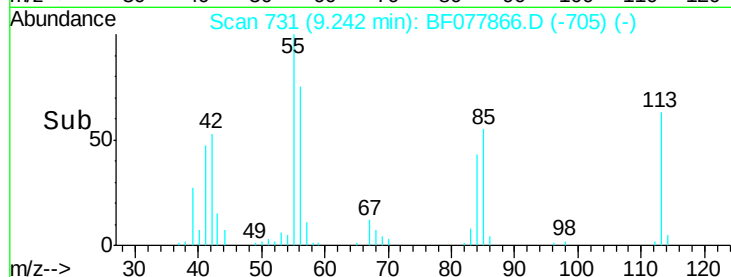
#35
 Caprolactam
 Concen: 41.36 ng
 RT: 9.24 min Scan# 731
 Delta R.T. -0.00 min
 Lab File: BF077866.D
 Acq: 20 Mar 2015 16:35

Instrument :
 BNA_F
 ClientSampleId :
 PB82217BS

Tot Ion:113 Resp: 34095
 Ion Ratio Lower Upper
 113 100
 55 158.4 145.9 185.9
 56 118.6 101.0 141.0

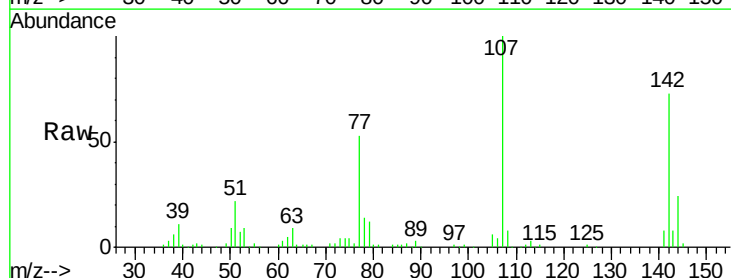


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

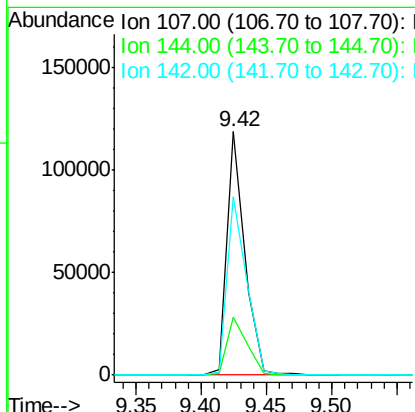
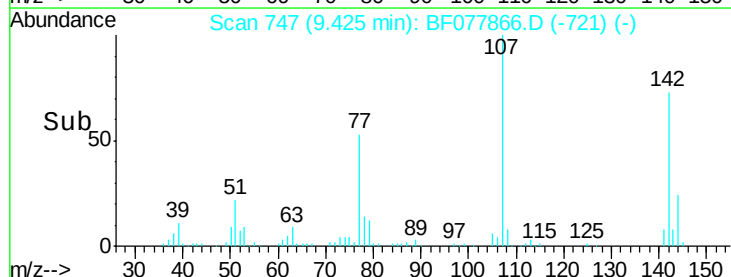


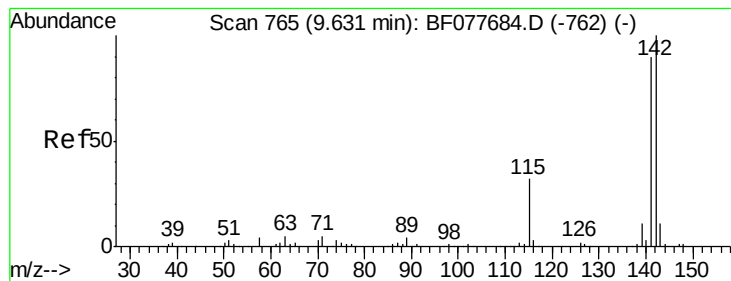
#36
 4-Chloro-3-methylphenol
 Concen: 40.00 ng
 RT: 9.42 min Scan# 747
 Delta R.T. -0.00 min
 Lab File: BF077866.D
 Acq: 20 Mar 2015 16:35

Tgt Ion:107 Resp: 113542
 Ion Ratio Lower Upper
 107 100
 144 23.8 23.3 34.9
 142 73.2 72.6 109.0



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: 37.64 ng

RT: 9.58 min Scan# 761

Delta R.T. -0.00 min

Lab File: BF077866.D

Acq: 20 Mar 2015 16:35

Instrument :

BNA_F

ClientSampleId :

PB82217BS

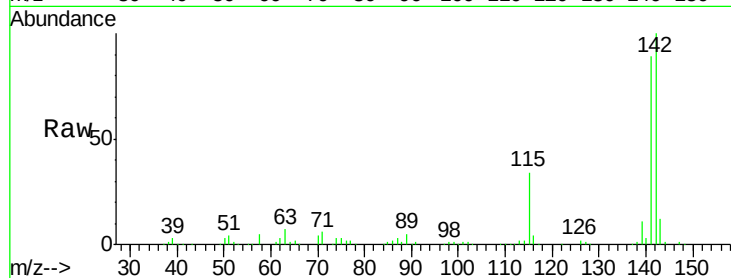
Tot Ion:142 Resp: 262175

Ion Ratio Lower Upper

142 100

141 89.5 71.9 107.9

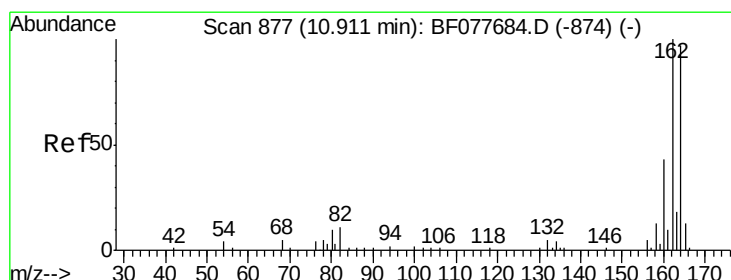
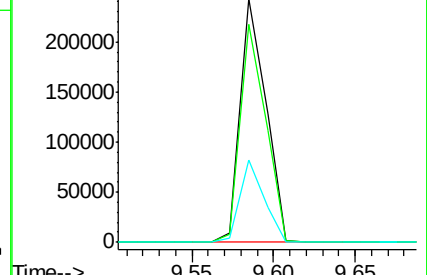
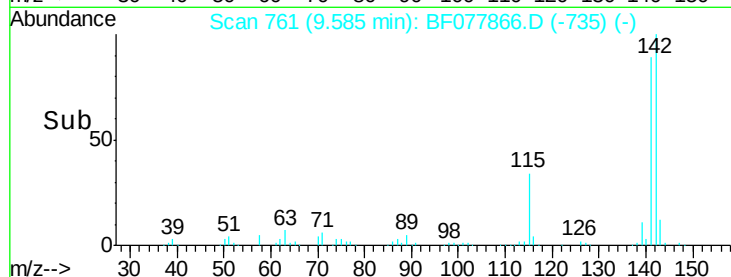
115 33.9 25.4 38.0



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: 10.88 min Scan# 874

Delta R.T. -0.00 min

Lab File: BF077866.D

Acq: 20 Mar 2015 16:35

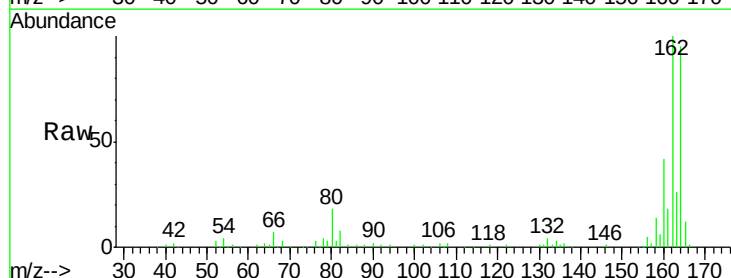
Tgt Ion:164 Resp: 103955

Ion Ratio Lower Upper

164 100

162 105.8 82.4 123.6

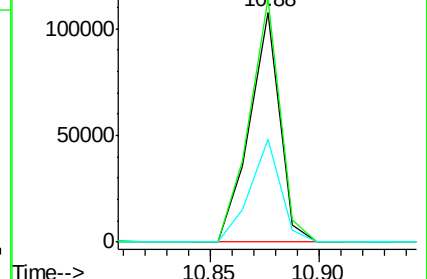
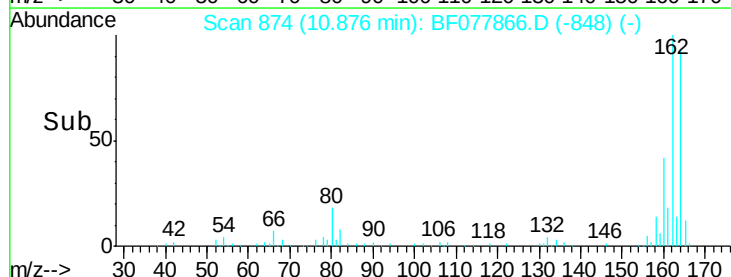
160 44.9 35.8 53.6

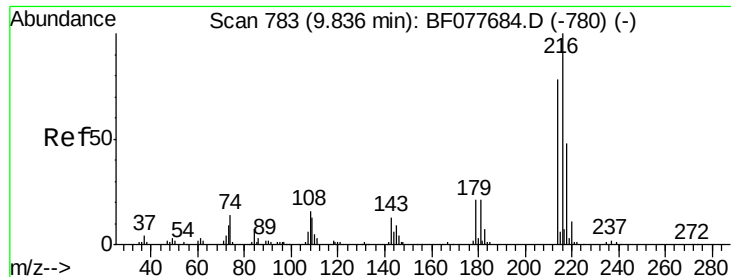


Abundance Ion 164.00 (163.70 to 164.70): E

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: 36.07 ng

RT: 9.79 min Scan# 779

Delta R.T. -0.00 min

Lab File: BF077866.D

Acq: 20 Mar 2015 16:35

Instrument :

BNA_F

ClientSampleId :

PB82217BS

Tot Ion:216 Resp: 111853

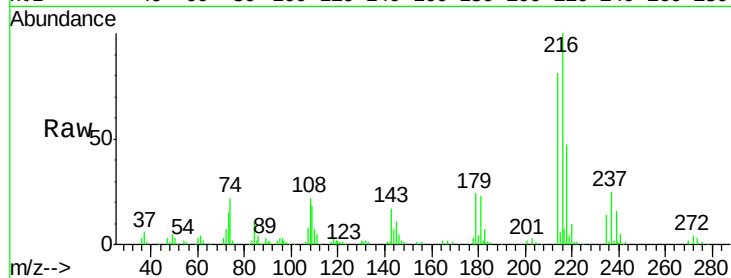
Ion Ratio Lower Upper

216 100

214 79.9 0.0 0.0#

179 21.9 0.0 0.0#

108 21.3 0.0 0.0#

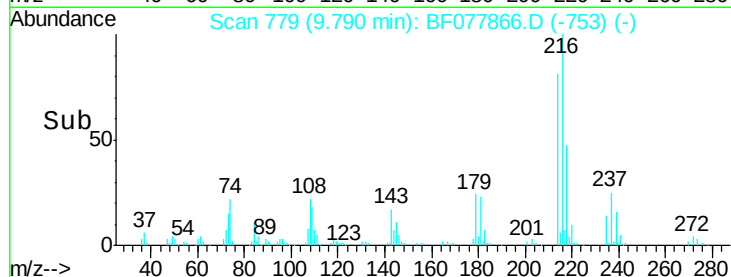


Abundance Ion 216.00 (215.70 to 216.70): E

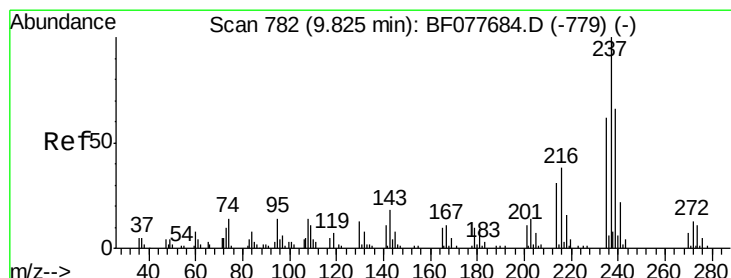
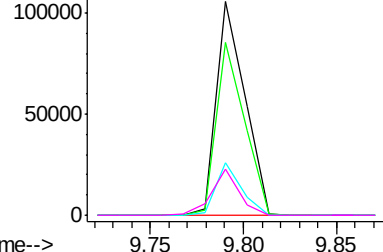
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 74.63 ng

RT: 9.78 min Scan# 778

Delta R.T. -0.00 min

Lab File: BF077866.D

Acq: 20 Mar 2015 16:35

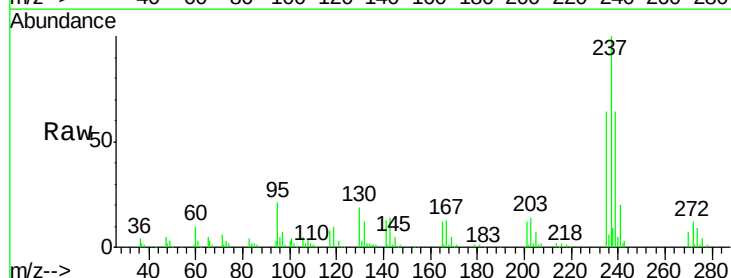
Tgt Ion:237 Resp: 115493

Ion Ratio Lower Upper

237 100

235 63.7 42.0 82.0

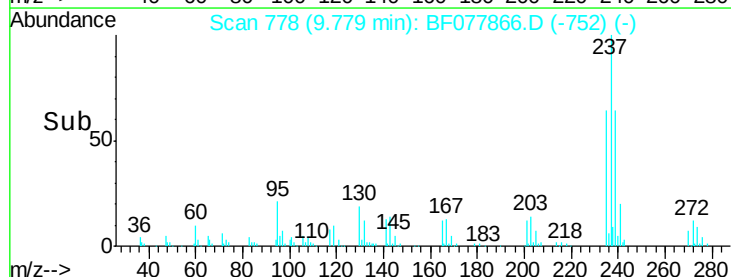
272 11.6 0.0 33.4



Abundance Ion 236.80 (236.50 to 237.50): E

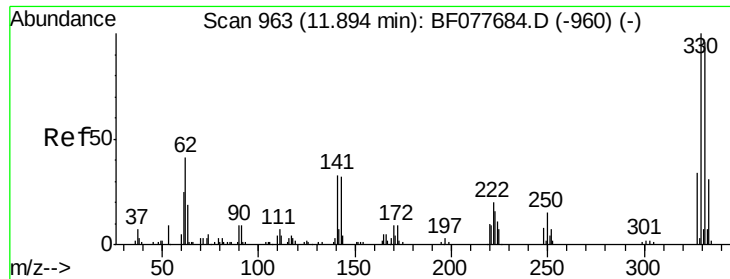
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

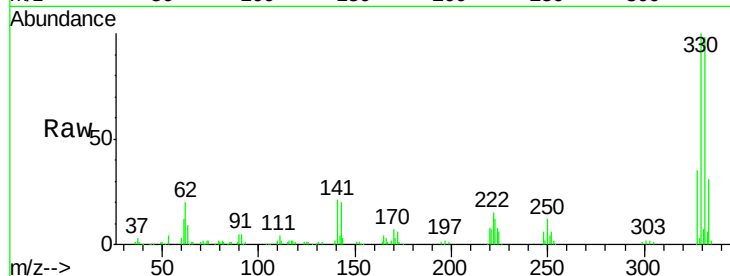




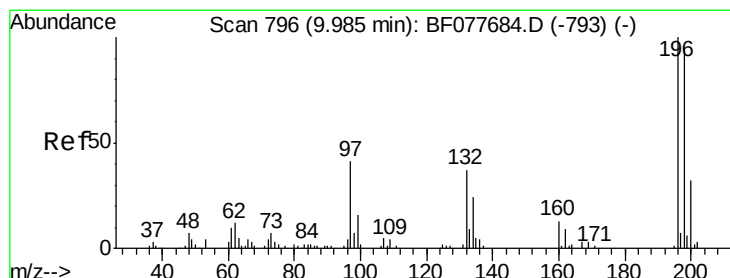
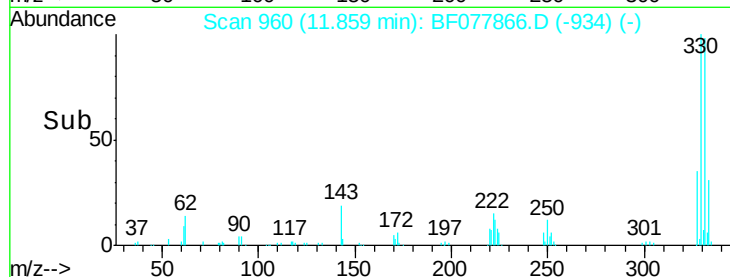
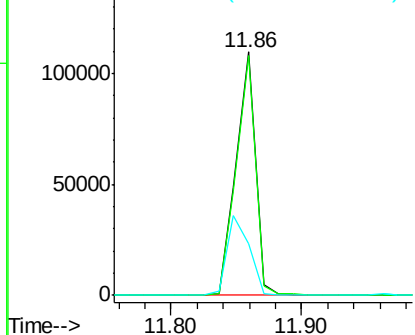
#41
 2,4,6-Tribromophenol
 Concen: 114.01 ng
 RT: 11.86 min Scan# 960
 Delta R.T. -0.00 min
 Lab File: BF077866.D
 Acq: 20 Mar 2015 16:35

Instrument :
 BNA_F
 ClientSampled :
 PB82217BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	0.0	0.0#
141	37.9	0.0	0.0#

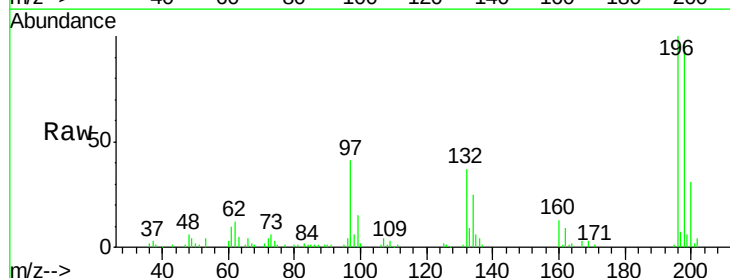


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

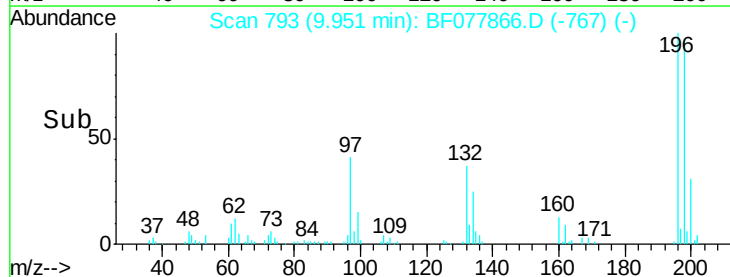
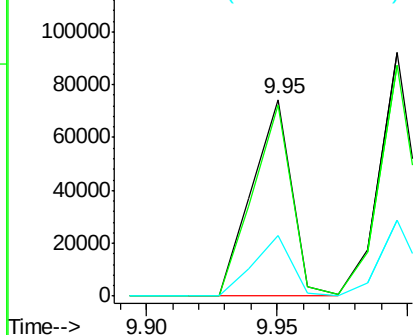


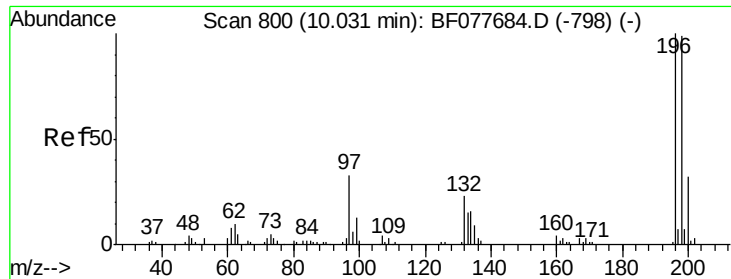
#42
 2,4,6-Trichlorophenol
 Concen: 36.89 ng
 RT: 9.95 min Scan# 793
 Delta R.T. -0.00 min
 Lab File: BF077866.D
 Acq: 20 Mar 2015 16:35

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.1	76.3	114.5
200	31.0	25.6	38.4



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

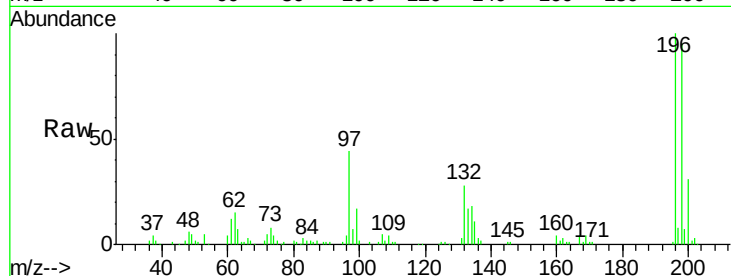




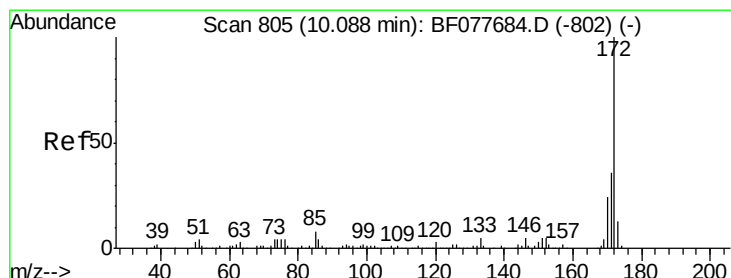
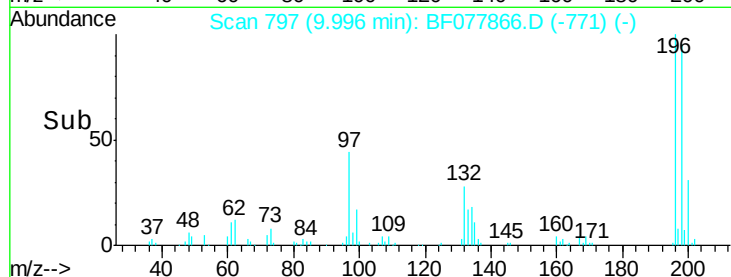
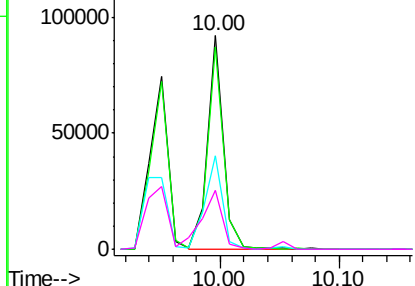
#43
 2,4,5-Trichlorophenol
 Concen: 37.01 ng
 RT: 10.00 min Scan# 797
 Delta R.T. -0.00 min
 Lab File: BF077866.D
 Acq: 20 Mar 2015 16:35

Instrument :
 BNA_F
 ClientSampleId :
 PB82217BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.0	79.4	119.0
97	44.0	26.8	40.2
132	27.5	18.6	28.0

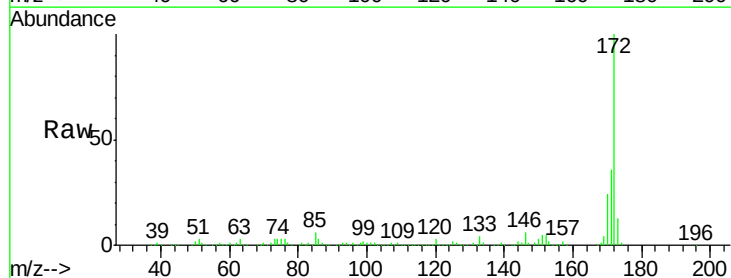


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

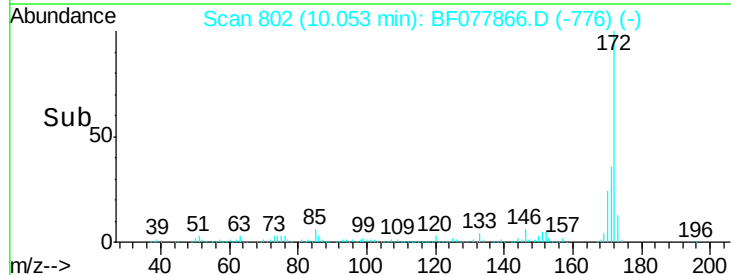
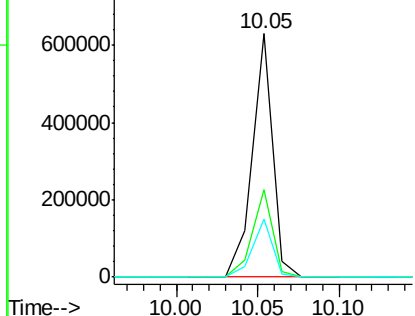


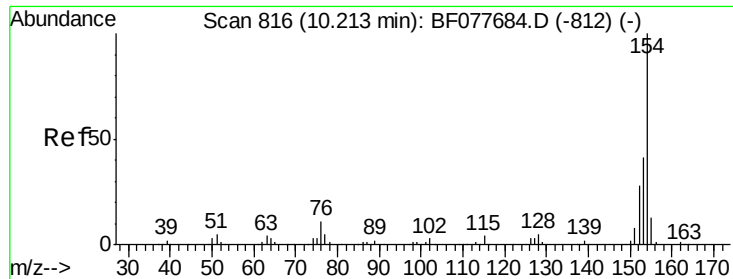
#44
 2-Fluorobiphenyl
 Concen: 77.00 ng
 RT: 10.05 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BF077866.D
 Acq: 20 Mar 2015 16:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.5	42.7
170	23.8	18.8	28.2



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

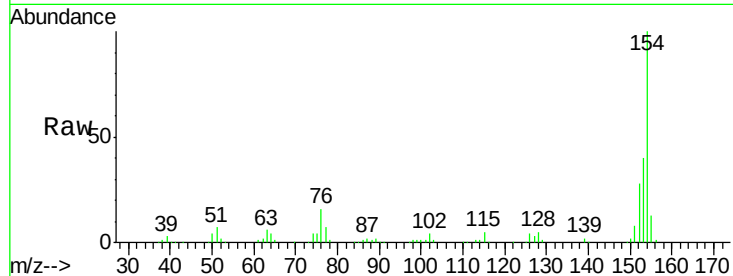




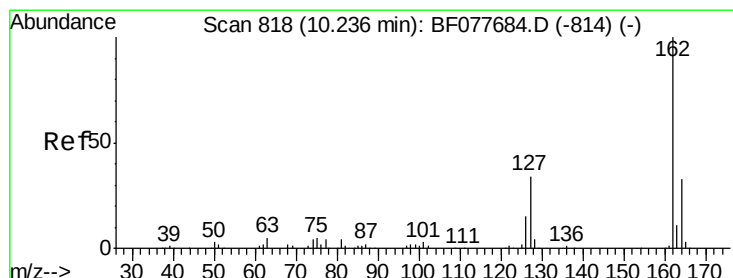
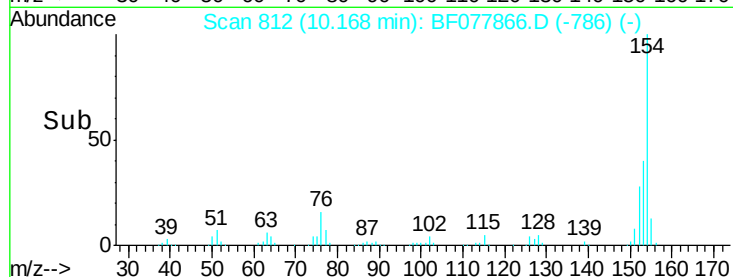
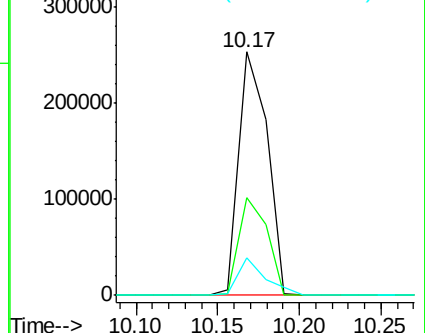
#45
1,1'-Biphenyl
Concen: 36.65 ng
RT: 10.17 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF077866.D
Acq: 20 Mar 2015 16:35

Instrument :
BNA_F
ClientSampleId :
PB82217BS

Tot Ion:154 Resp: 304562
Ion Ratio Lower Upper
154 100
153 40.2 20.7 60.7
76 15.6 0.0 30.9

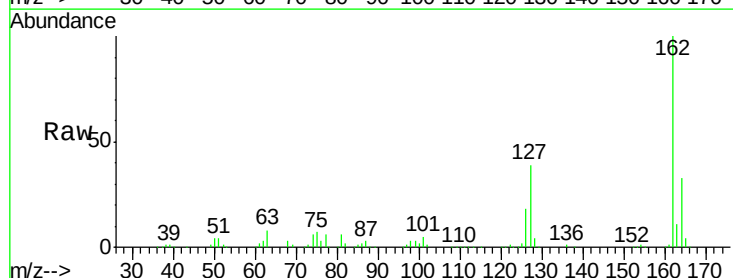


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

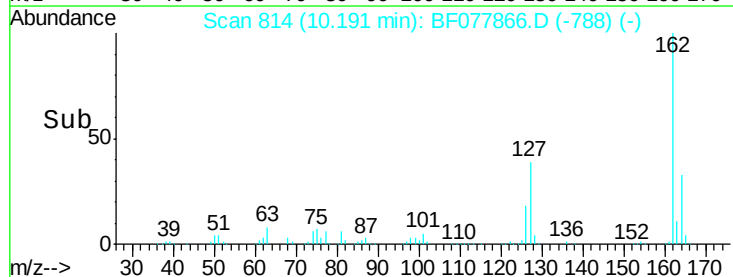
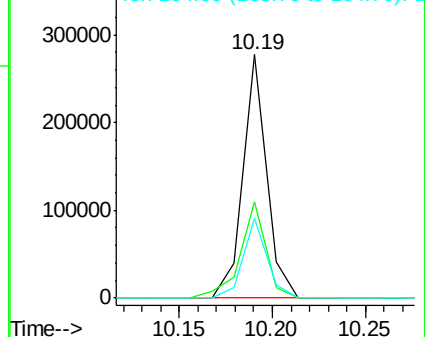


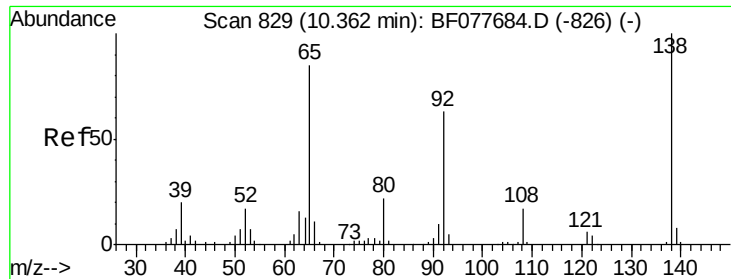
#46
2-Chloronaphthalene
Concen: 36.50 ng
RT: 10.19 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF077866.D
Acq: 20 Mar 2015 16:35

Tgt Ion:162 Resp: 246528
Ion Ratio Lower Upper
162 100
127 39.5 26.9 40.3
164 32.9 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

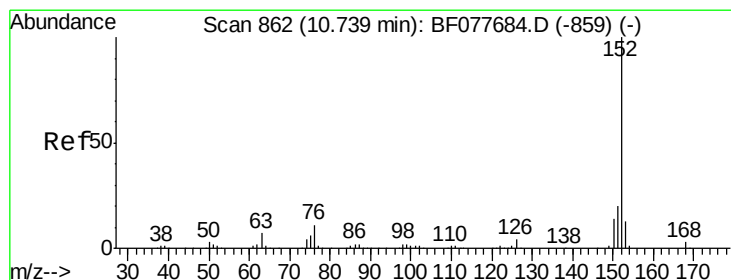
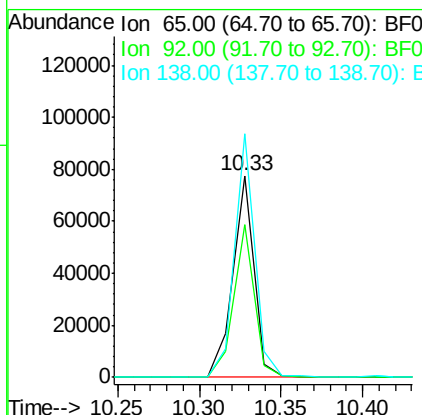
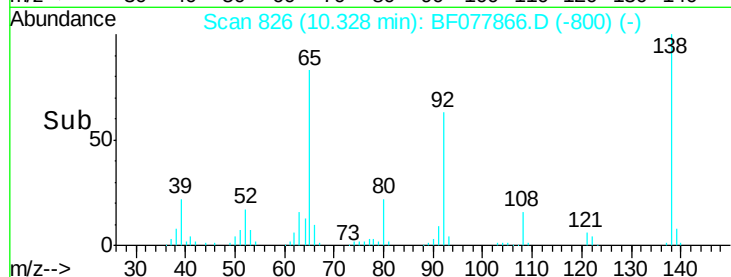
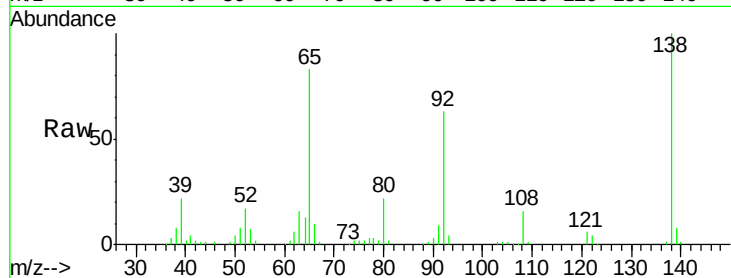




#47
 2-Nitroaniline
 Concen: 40.95 ng
 RT: 10.33 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BF077866.D
 Acq: 20 Mar 2015 16:35

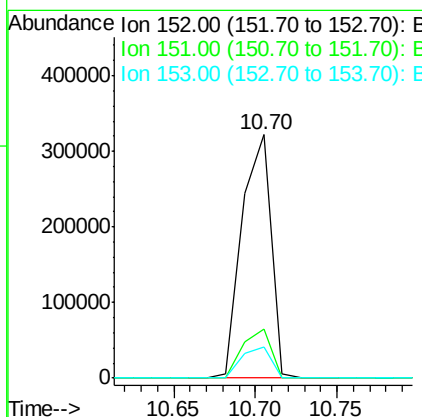
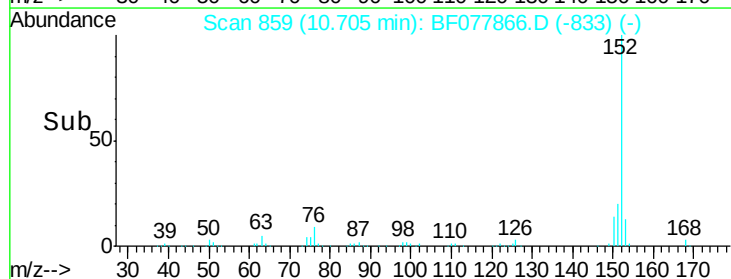
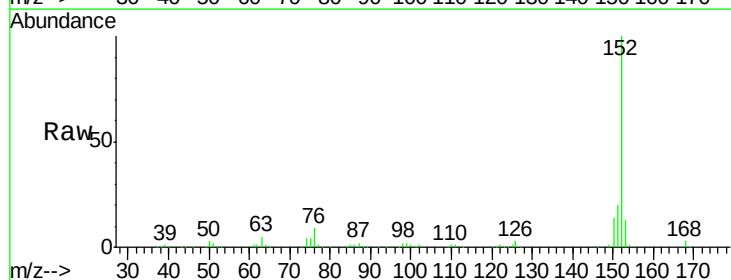
Instrument :
 BNA_F
 ClientSampleId :
 PB82217BS

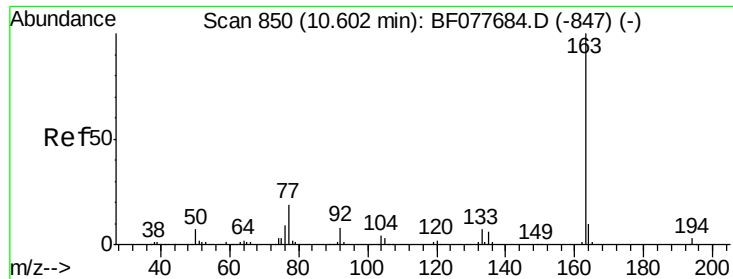
Tot Ion: 65 Resp: 68681
 Ion Ratio Lower Upper
 65 100
 92 75.7 59.1 88.7
 138 120.9 93.9 140.9



#48
 Acenaphthylene
 Concen: 35.35 ng
 RT: 10.70 min Scan# 859
 Delta R.T. -0.00 min
 Lab File: BF077866.D
 Acq: 20 Mar 2015 16:35

Tgt Ion: 152 Resp: 396972
 Ion Ratio Lower Upper
 152 100
 151 20.2 15.9 23.9
 153 12.8 10.6 16.0

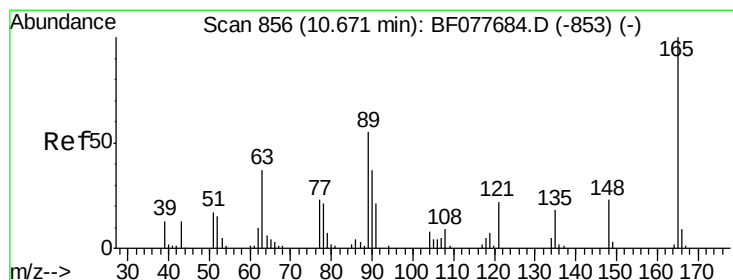
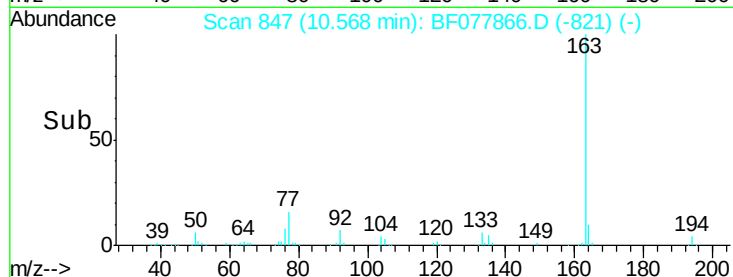
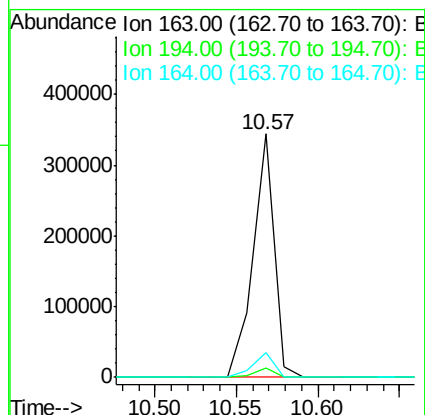
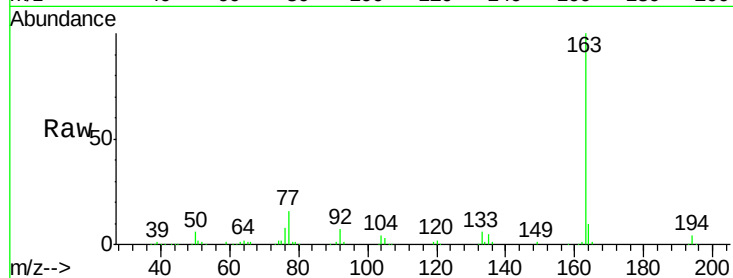




#49
Dimethylphthalate
Concen: 40.07 ng
RT: 10.57 min Scan# 847
Delta R.T. -0.00 min
Lab File: BF077866.D
Acq: 20 Mar 2015 16:35

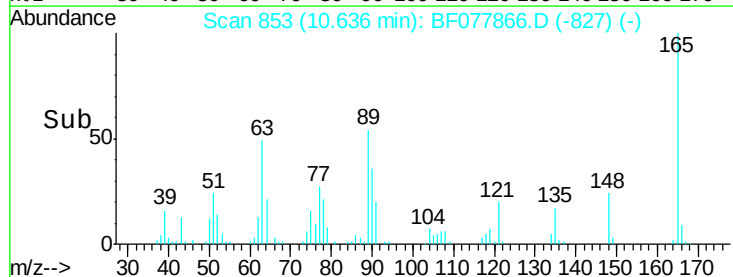
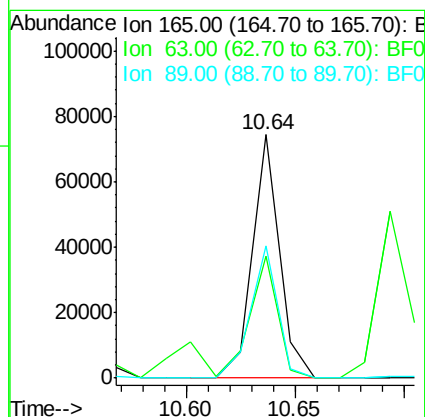
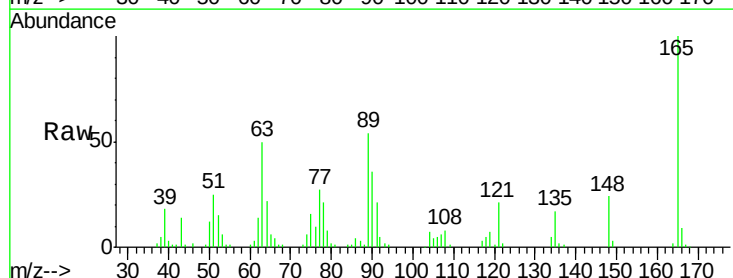
Instrument :
BNA_F
ClientSampleId :
PB82217BS

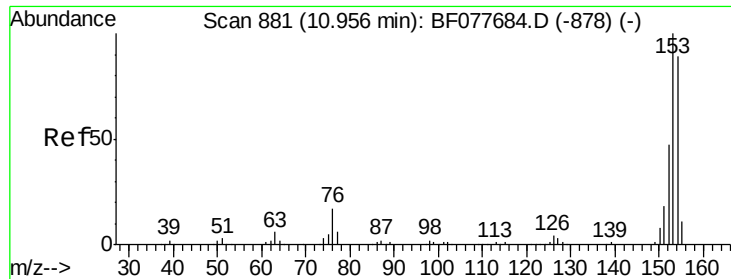
Tot Ion:163 Resp: 308966
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.1 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 40.03 ng
RT: 10.64 min Scan# 853
Delta R.T. -0.00 min
Lab File: BF077866.D
Acq: 20 Mar 2015 16:35

Tgt Ion:165 Resp: 63970
Ion Ratio Lower Upper
165 100
63 50.1 44.1 66.1
89 54.1 44.3 66.5





#51

Acenaphthene

Concen: 34.93 ng

RT: 10.91 min Scan# 877

Delta R.T. -0.00 min

Lab File: BF077866.D

Acq: 20 Mar 2015 16:35

Instrument :

BNA_F

ClientSampleId :

PB82217BS

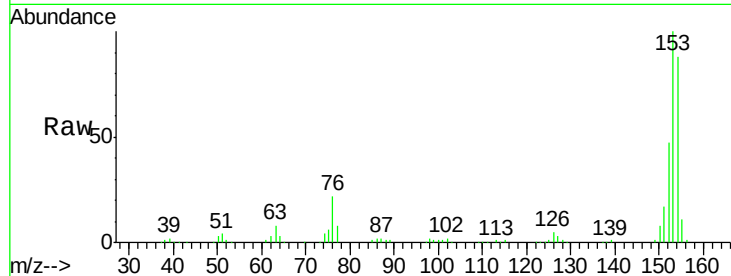
Tot Ion:154 Resp: 224891

Ion Ratio Lower Upper

154 100

153 113.8 90.0 135.0

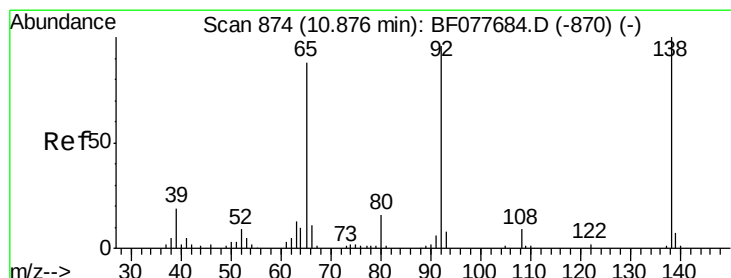
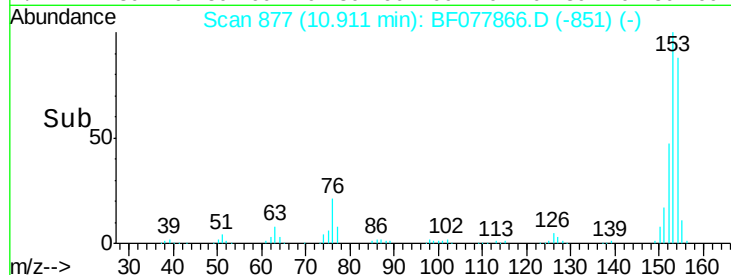
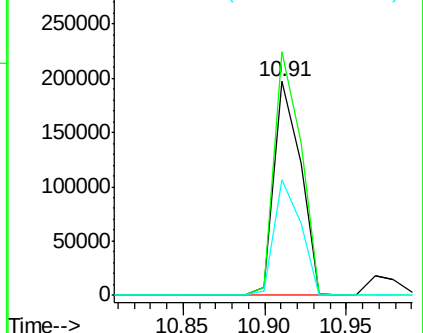
152 53.9 42.6 63.8



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: 26.52 ng

RT: 10.84 min Scan# 871

Delta R.T. -0.00 min

Lab File: BF077866.D

Acq: 20 Mar 2015 16:35

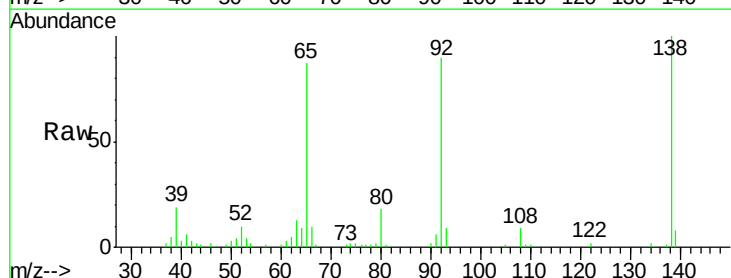
Tgt Ion:138 Resp: 49230

Ion Ratio Lower Upper

138 100

108 9.0 7.3 10.9

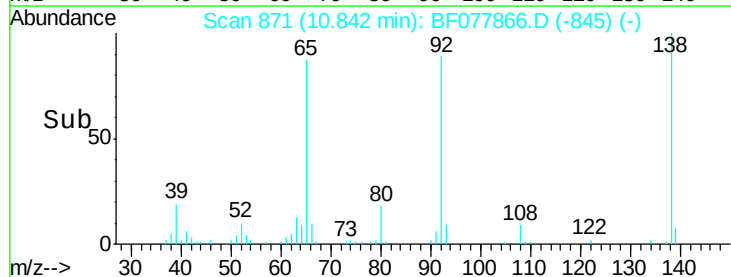
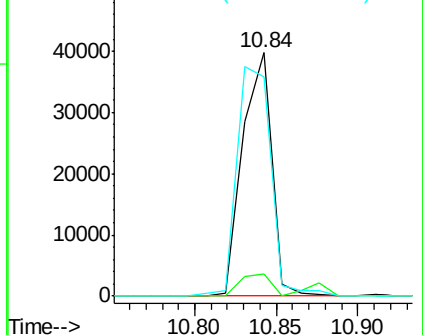
92 90.3 76.6 114.8

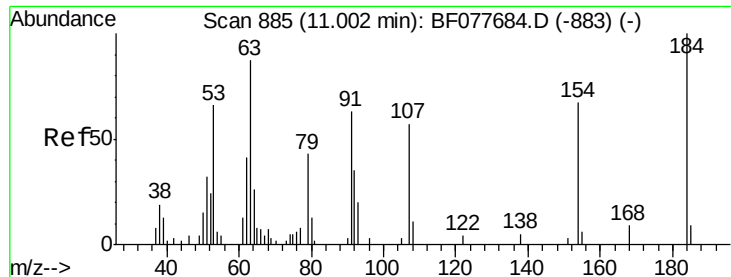


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

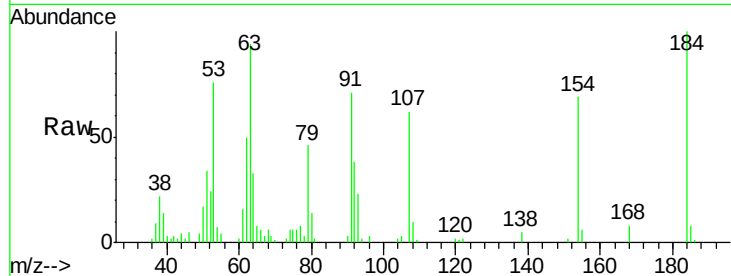




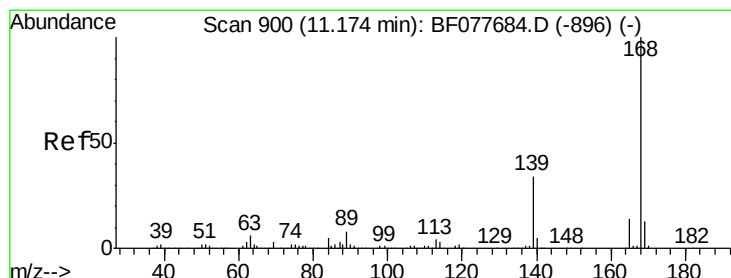
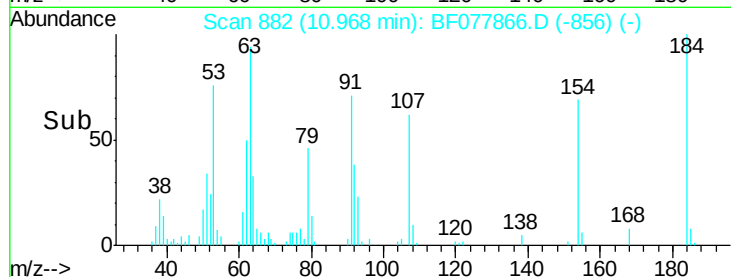
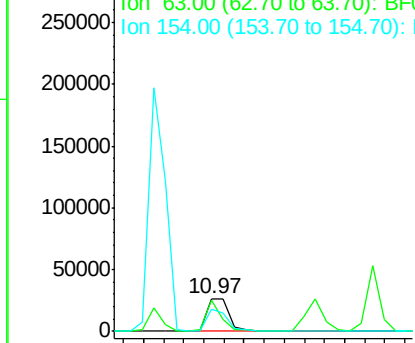
#53
 2,4-Dinitrophenol
 Concen: 71.61 ng
 RT: 10.97 min Scan# 882
 Delta R.T. -0.00 min
 Lab File: BF077866.D
 Acq: 20 Mar 2015 16:35

Instrument :
 BNA_F
 ClientSampleId :
 PB82217BS

Tot Ion:184 Resp: 41493
 Ion Ratio Lower Upper
 184 100
 63 94.4 69.2 103.8
 154 69.3 53.3 79.9

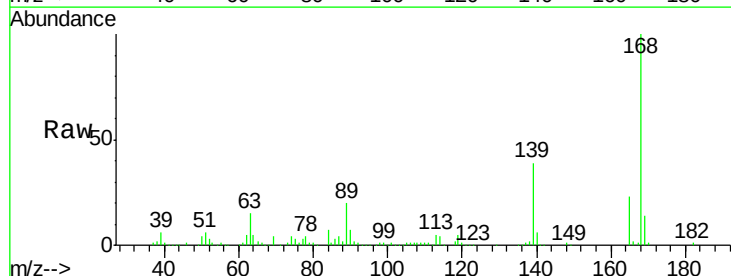


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

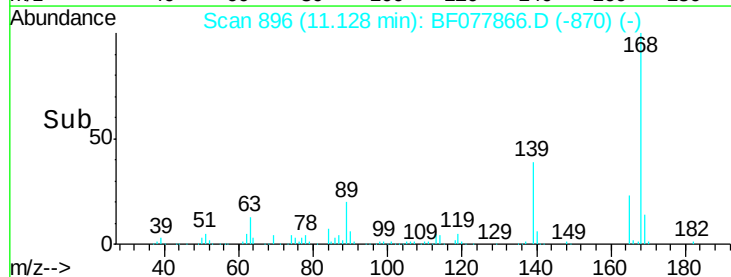
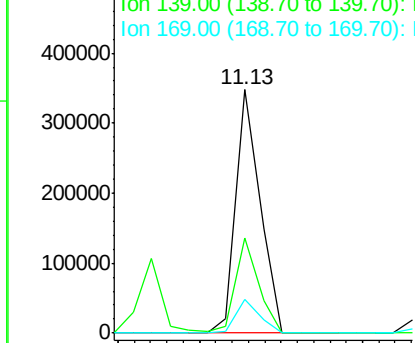


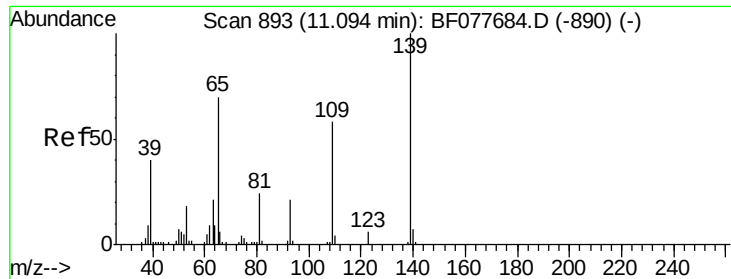
#54
 Dibenzofuran
 Concen: 37.22 ng
 RT: 11.13 min Scan# 896
 Delta R.T. -0.00 min
 Lab File: BF077866.D
 Acq: 20 Mar 2015 16:35

Tgt Ion:168 Resp: 355482
 Ion Ratio Lower Upper
 168 100
 139 39.2 27.3 40.9
 169 13.6 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

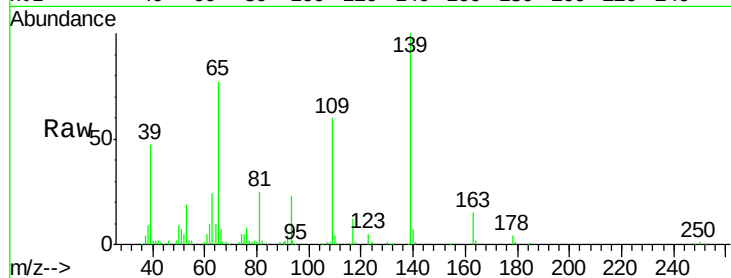




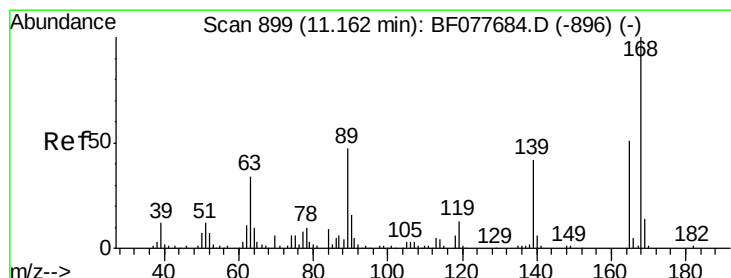
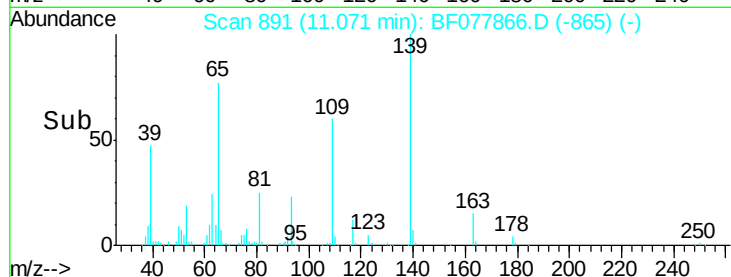
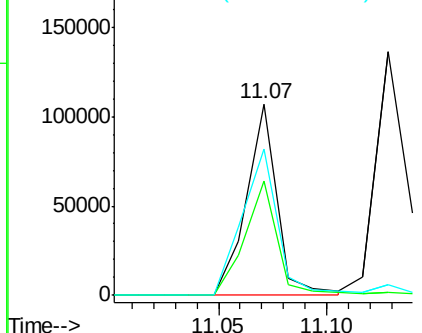
#55
4-Nitrophenol
Concen: 76.27 ng
RT: 11.07 min Scan# 891
Delta R.T. -0.00 min
Lab File: BF077866.D
Acq: 20 Mar 2015 16:35

Instrument :
BNA_F
ClientSampleId :
PB82217BS

Tot Ion:139 Resp: 104865
Ion Ratio Lower Upper
139 100
109 59.6 37.7 77.7
65 76.5 49.9 89.9

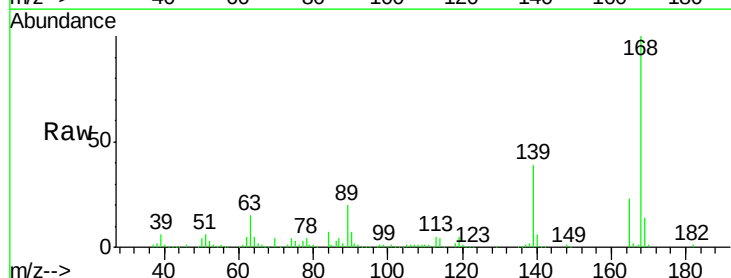


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E

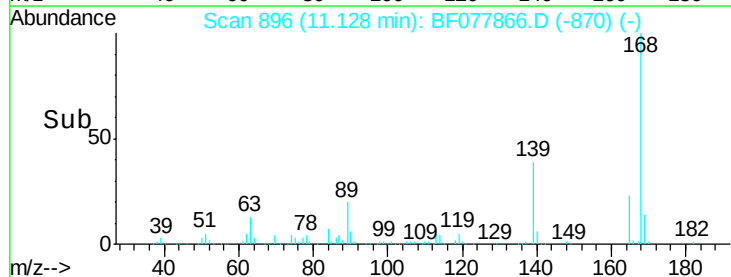
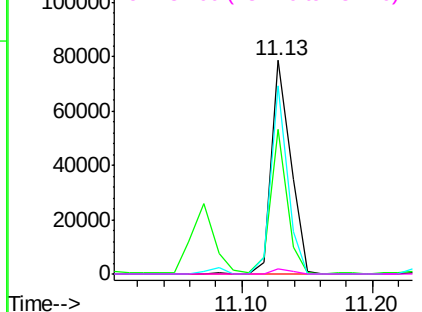


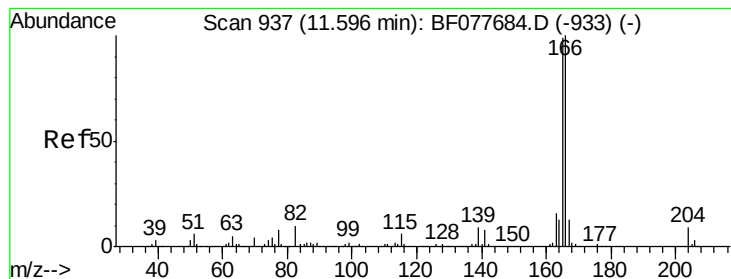
#56
2,4-Dinitrotoluene
Concen: 39.13 ng
RT: 11.13 min Scan# 896
Delta R.T. -0.00 min
Lab File: BF077866.D
Acq: 20 Mar 2015 16:35

Tgt Ion:165 Resp: 81547
Ion Ratio Lower Upper
165 100
63 67.5 52.4 78.6
89 88.1 72.4 108.6
182 2.5 2.0 3.0



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
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 35.87 ng

RT: 11.55 min Scan# 933

Delta R.T. -0.00 min

Lab File: BF077866.D

Acq: 20 Mar 2015 16:35

Instrument :

BNA_F

ClientSampleId :

PB82217BS

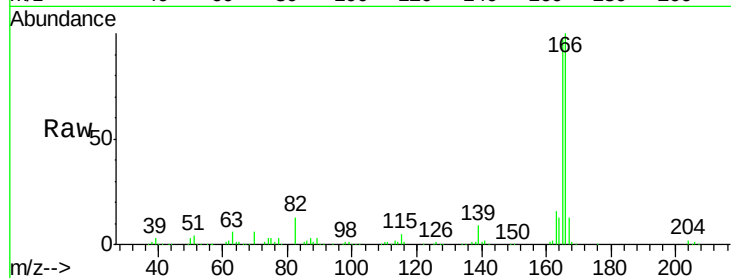
Tot Ion:166 Resp: 284407

Ion Ratio Lower Upper

166 100

165 97.4 79.0 118.4

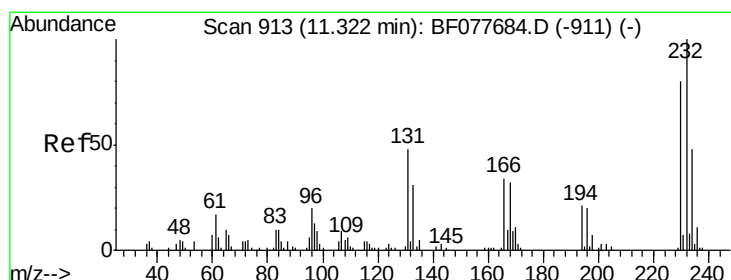
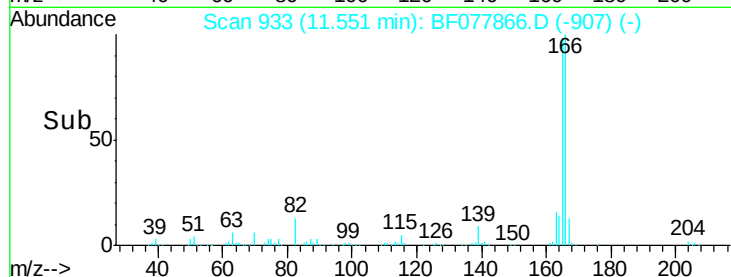
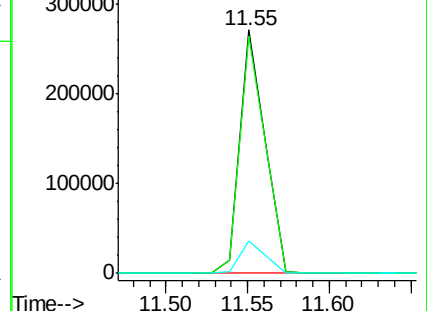
167 13.3 10.3 15.5



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: 39.94 ng

RT: 11.29 min Scan# 910

Delta R.T. -0.00 min

Lab File: BF077866.D

Acq: 20 Mar 2015 16:35

Tgt Ion:232 Resp: 71362

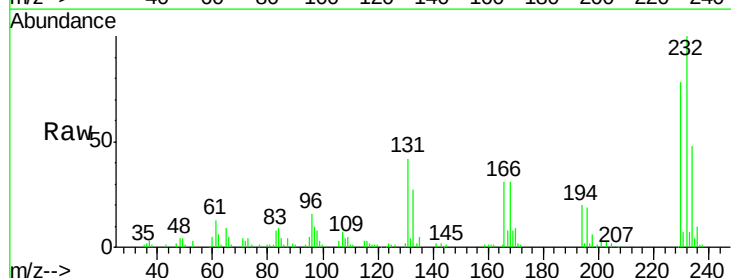
Ion Ratio Lower Upper

232 100

131 44.8 0.0 0.0#

130 2.1 0.0 0.0#

166 31.4 0.0 0.0#

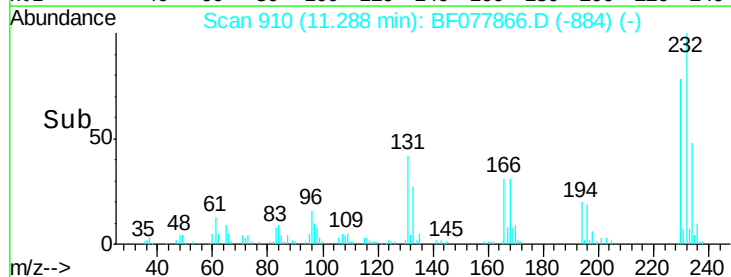
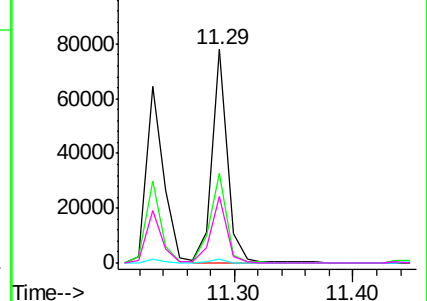


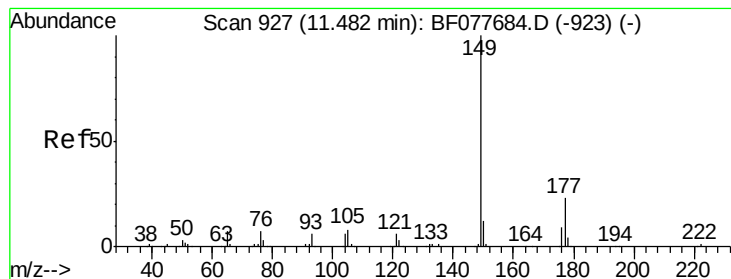
Abundance Ion 232.00 (231.70 to 232.70): E

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: 39.49 ng

RT: 11.44 min Scan# 923

Delta R.T. -0.00 min

Lab File: BF077866.D

Acq: 20 Mar 2015 16:35

Instrument :

BNA_F

ClientSampleId :

PB82217BS

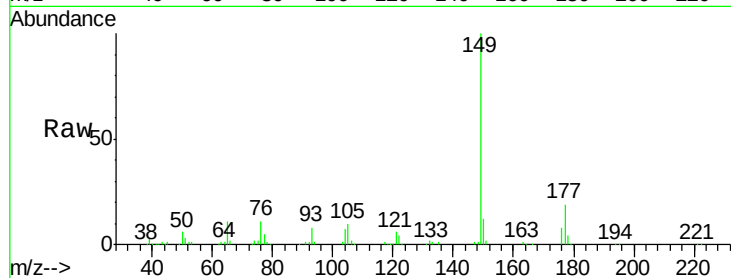
Tot Ion:149 Resp: 296640

Ion Ratio Lower Upper

149 100

177 18.8 18.3 27.5

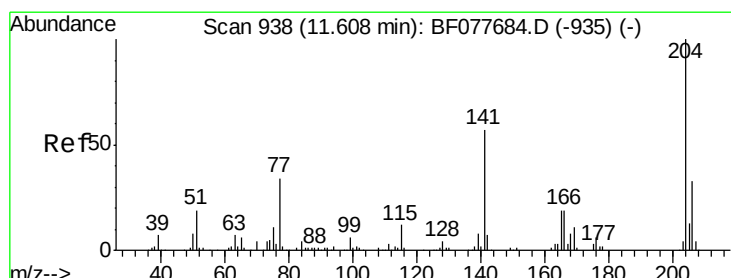
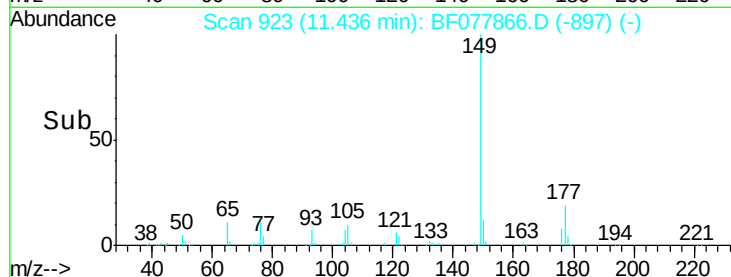
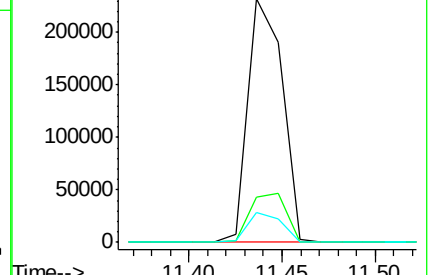
150 12.4 9.8 14.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 37.31 ng

RT: 11.56 min Scan# 934

Delta R.T. -0.00 min

Lab File: BF077866.D

Acq: 20 Mar 2015 16:35

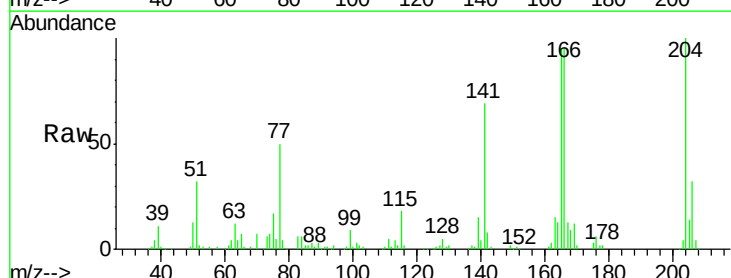
Tgt Ion:204 Resp: 135018

Ion Ratio Lower Upper

204 100

206 32.2 26.6 39.8

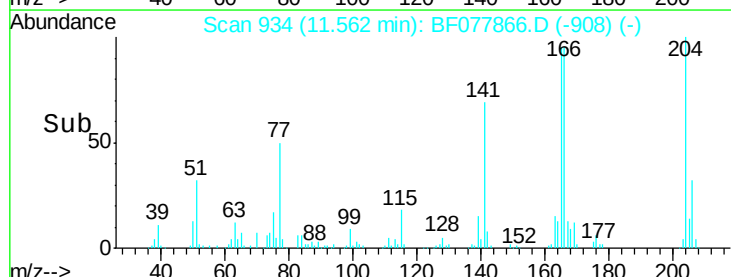
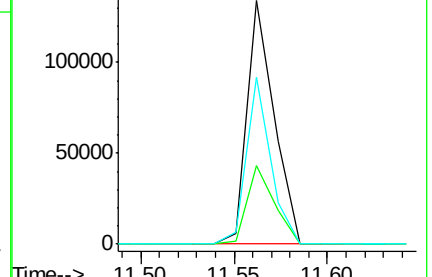
141 68.7 45.2 67.8#

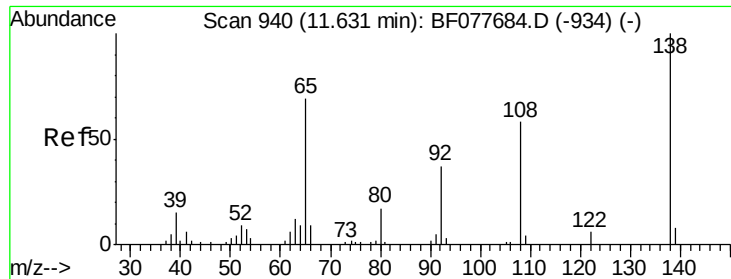


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

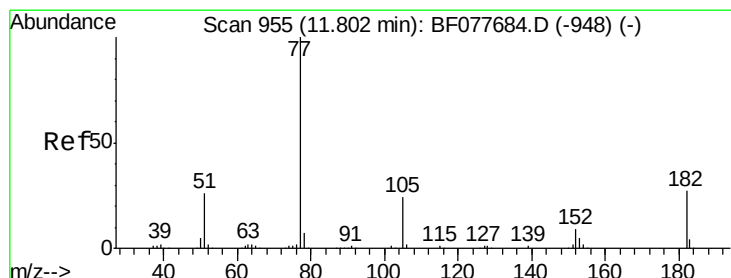
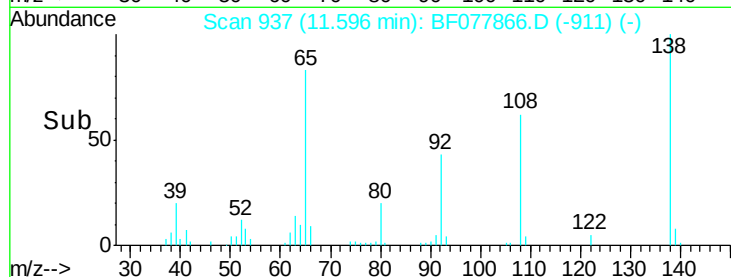
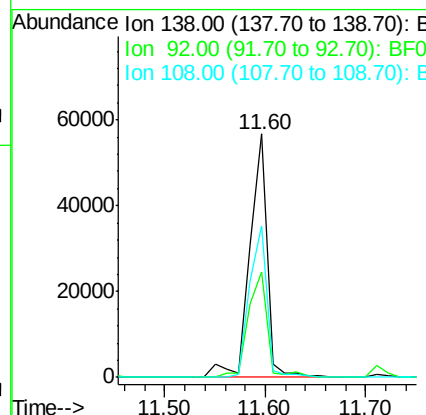
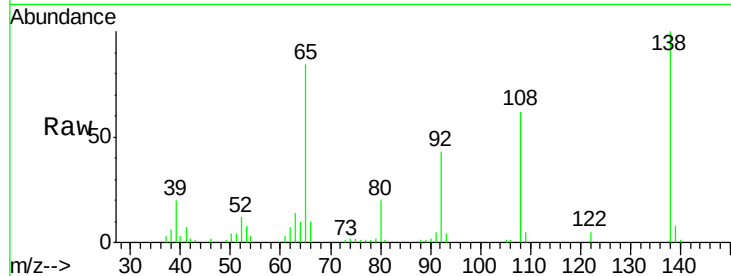




#61
4-Nitroaniline
Concen: 36.91 ng
RT: 11.60 min Scan# 937
Delta R.T. -0.00 min
Lab File: BF077866.D
Acq: 20 Mar 2015 16:35

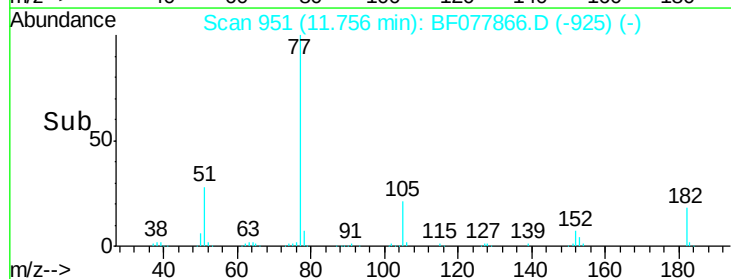
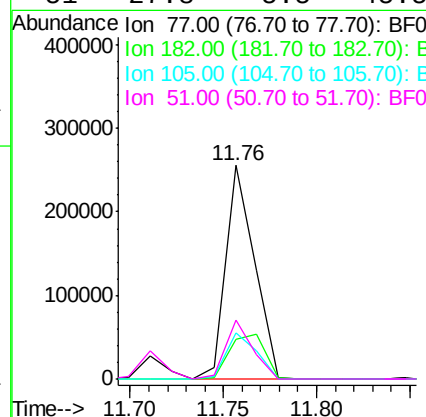
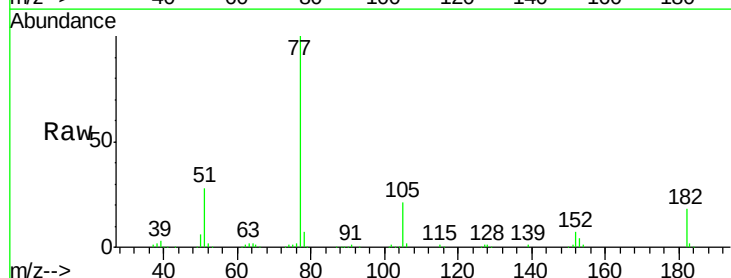
Instrument :
BNA_F
ClientSampleId :
PB82217BS

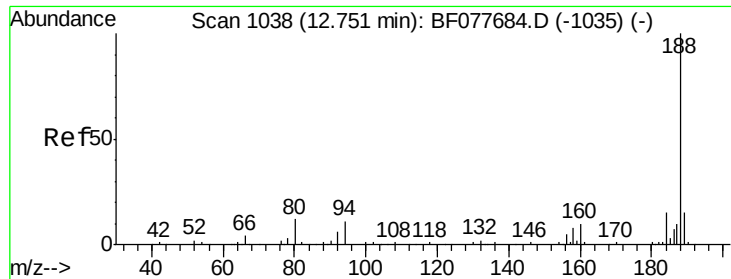
Tot Ion:138 Resp: 68282
Ion Ratio Lower Upper
138 100
92 43.1 16.7 56.7
108 62.4 37.6 77.6



#62
Azobenzene
Concen: 38.40 ng
RT: 11.76 min Scan# 951
Delta R.T. -0.00 min
Lab File: BF077866.D
Acq: 20 Mar 2015 16:35

Tgt Ion: 77 Resp: 275735
Ion Ratio Lower Upper
77 100
182 18.3 6.5 46.5
105 21.5 3.8 43.8
51 27.8 5.5 45.5

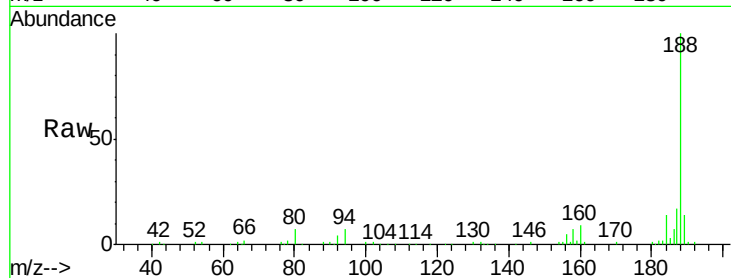




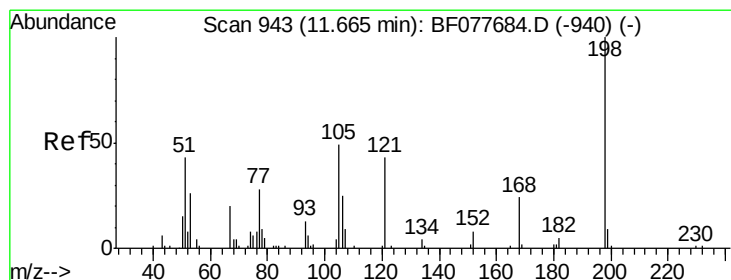
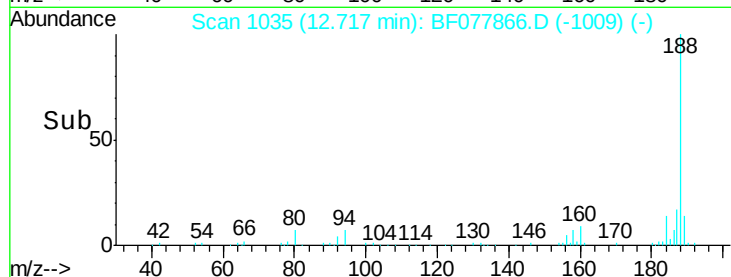
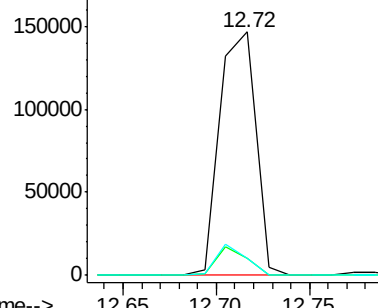
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.72 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BF077866.D
Acq: 20 Mar 2015 16:35

Instrument :
BNA_F
ClientSampleId :
PB82217BS

Tot Ion:188 Resp: 197058
Ion Ratio Lower Upper
188 100
94 7.1 8.7 13.1#
80 7.2 9.3 13.9#

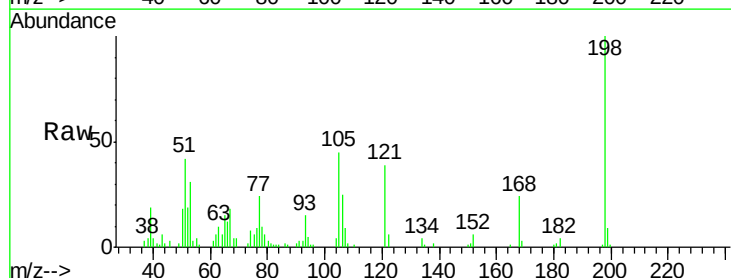


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

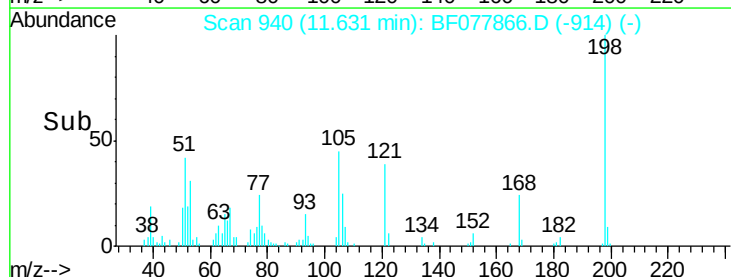
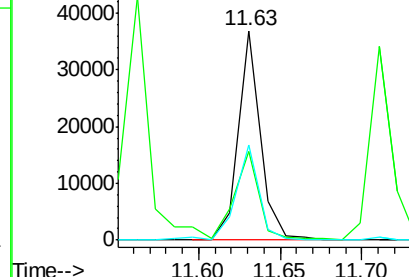


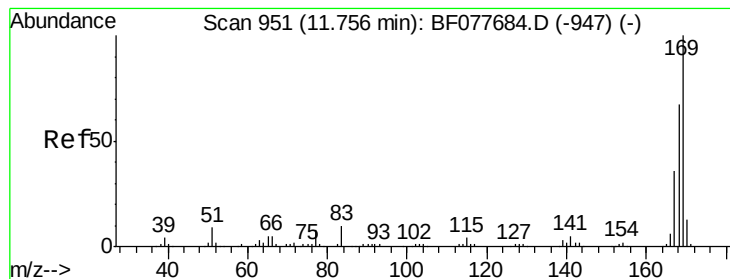
#64
4,6-Dinitro-2-methylphenol
Concen: 37.80 ng
RT: 11.63 min Scan# 940
Delta R.T. -0.00 min
Lab File: BF077866.D
Acq: 20 Mar 2015 16:35

Tgt Ion:198 Resp: 34241
Ion Ratio Lower Upper
198 100
51 42.1 28.8 68.8
105 45.2 30.5 70.5



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

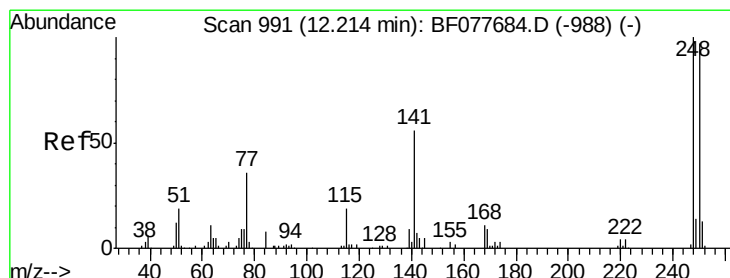
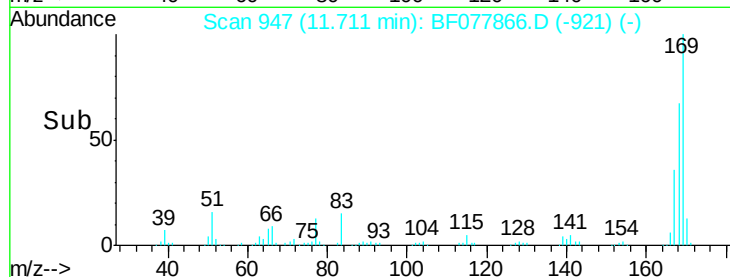
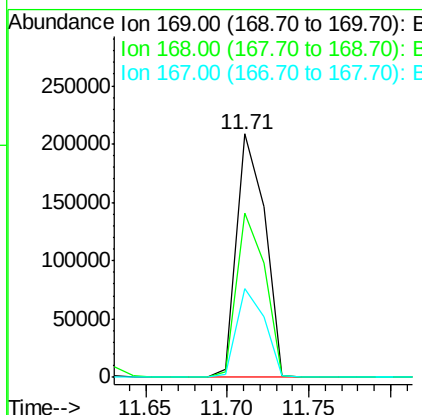
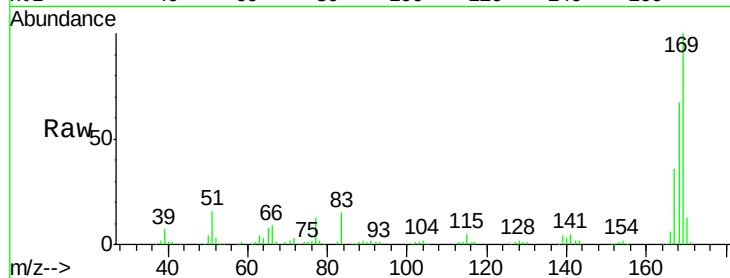




#65
 n-Nitrosodiphenylamine
 Concen: 38.04 ng
 RT: 11.71 min Scan# 947
 Delta R.T. -0.00 min
 Lab File: BF077866.D
 Acq: 20 Mar 2015 16:35

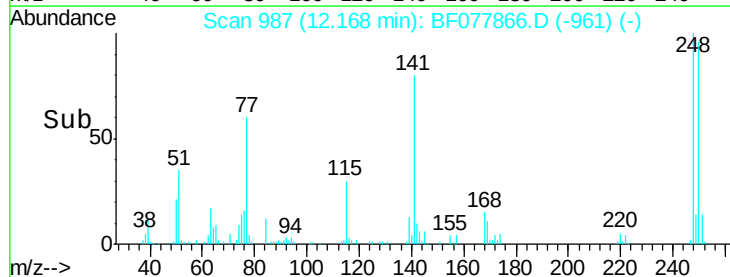
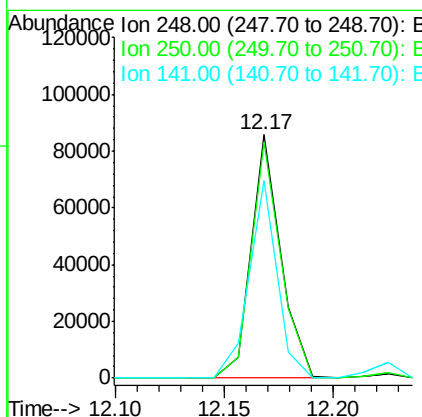
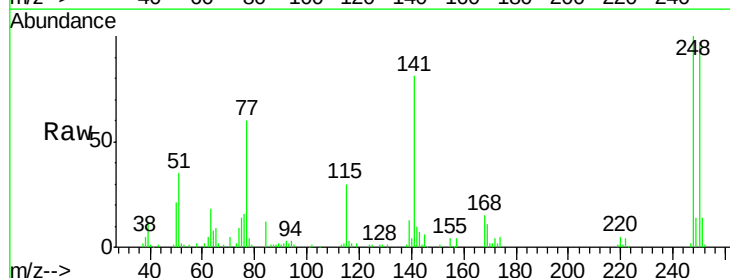
Instrument :
 BNA_F
 ClientSampleId :
 PB82217BS

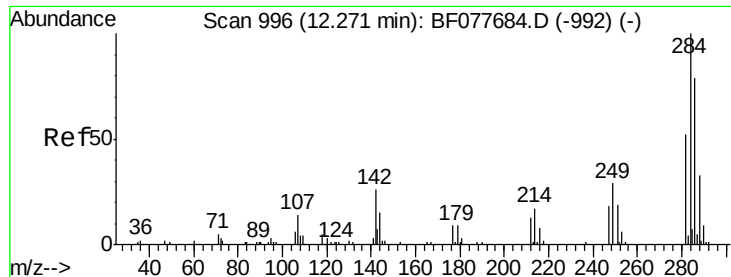
Tot Ion:169 Resp: 249605
 Ion Ratio Lower Upper
 169 100
 168 67.5 53.9 80.9
 167 36.2 28.9 43.3



#66
 4-Bromophenyl-phenylether
 Concen: 38.67 ng
 RT: 12.17 min Scan# 987
 Delta R.T. -0.00 min
 Lab File: BF077866.D
 Acq: 20 Mar 2015 16:35

Tgt Ion:248 Resp: 81326
 Ion Ratio Lower Upper
 248 100
 250 96.8 77.4 116.0
 141 81.2 45.2 67.8#

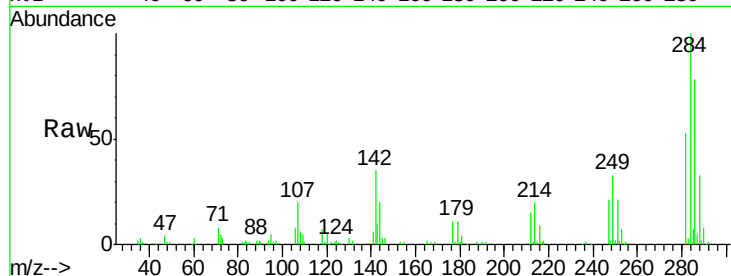




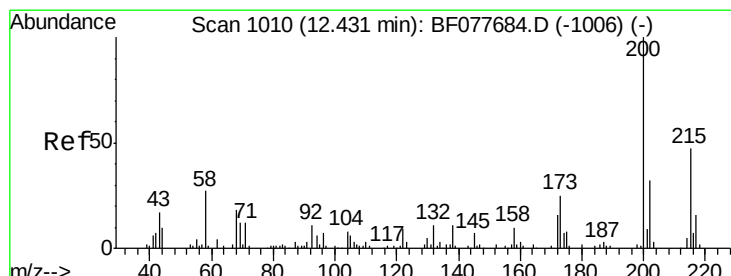
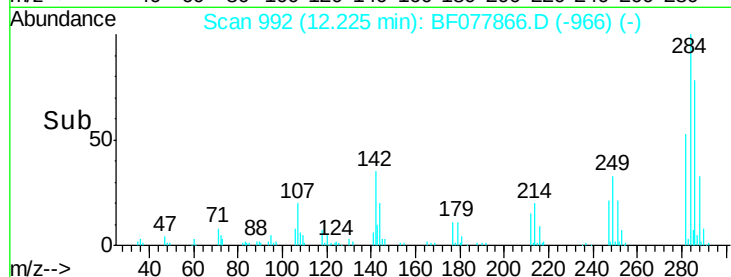
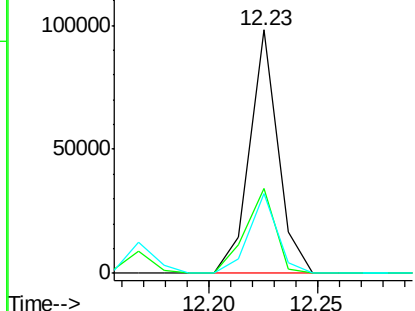
#67
Hexachlorobenzene
Concen: 38.54 ng
RT: 12.23 min Scan# 992
Delta R.T. -0.00 min
Lab File: BF077866.D
Acq: 20 Mar 2015 16:35

Instrument :
BNA_F
ClientSampleId :
PB82217BS

Tot Ion:284 Resp: 89061
Ion Ratio Lower Upper
284 100
142 34.7 20.4 30.6#
249 32.6 23.8 35.6

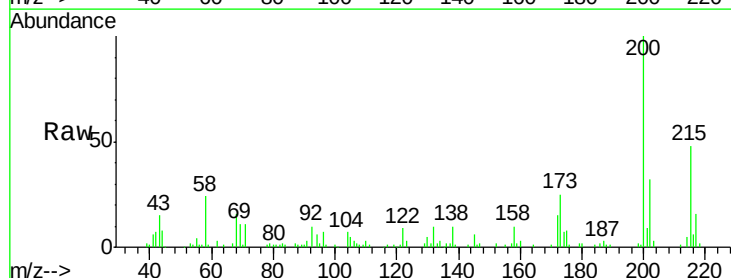


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

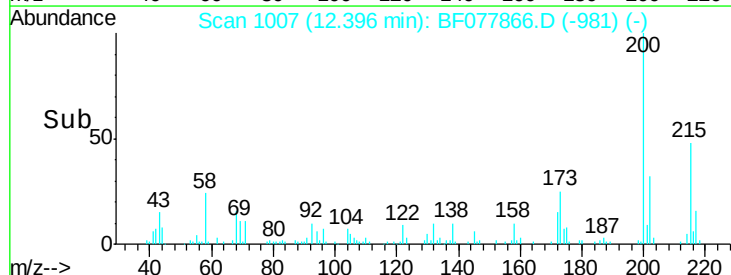
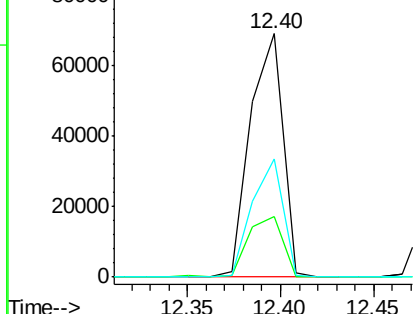


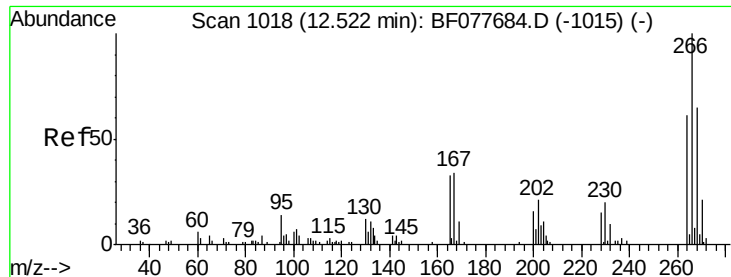
#68
Atrazine
Concen: 45.35 ng
RT: 12.40 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BF077866.D
Acq: 20 Mar 2015 16:35

Tgt Ion:200 Resp: 83382
Ion Ratio Lower Upper
200 100
173 25.1 4.8 44.8
215 48.4 26.9 66.9



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

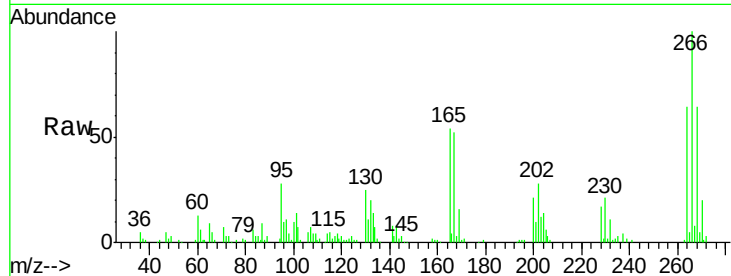




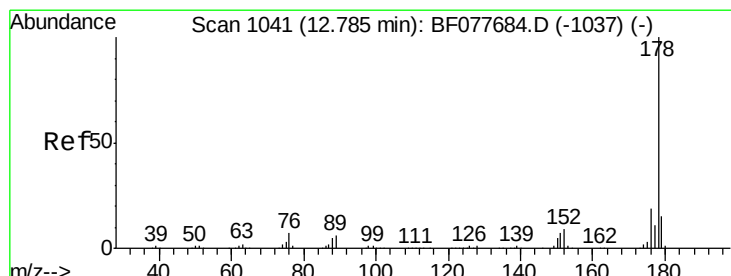
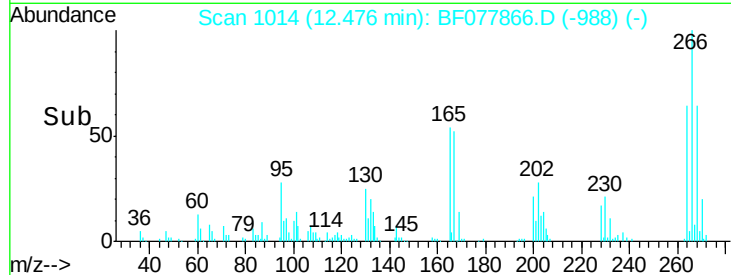
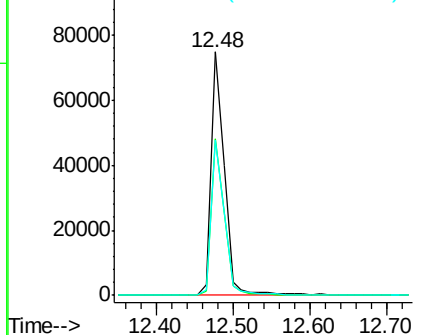
#69
 Pentachlorophenol
 Concen: 73.61 ng
 RT: 12.48 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: BF077866.D
 Acq: 20 Mar 2015 16:35

Instrument :
 BNA_F
 ClientSampleId :
 PB82217BS

Tot Ion:266 Resp: 88780
 Ion Ratio Lower Upper
 266 100
 268 64.3 52.0 78.0
 264 63.9 49.0 73.4

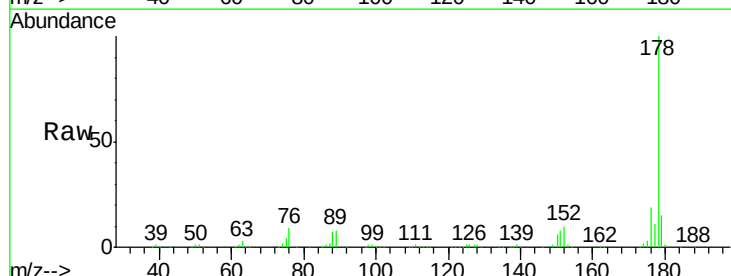


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

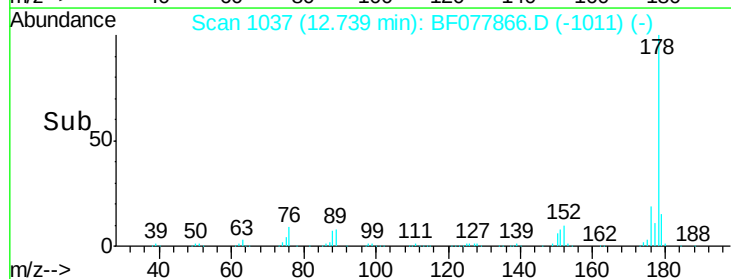
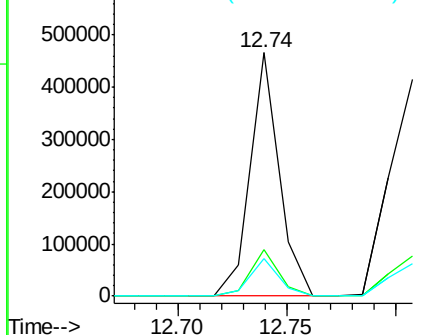


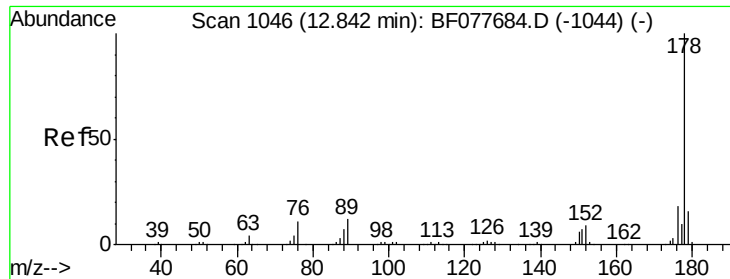
#70
 Phenanthrene
 Concen: 38.20 ng
 RT: 12.74 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: BF077866.D
 Acq: 20 Mar 2015 16:35

Tgt Ion:178 Resp: 432178
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.2 22.8
 179 15.5 12.1 18.1



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

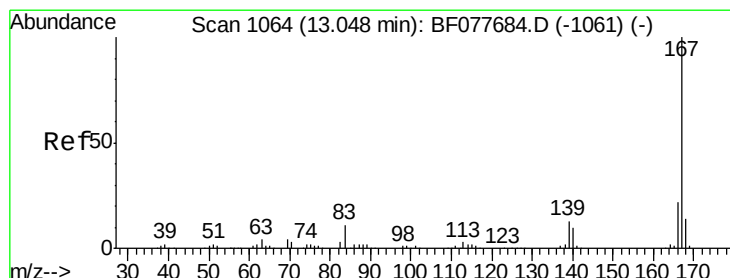
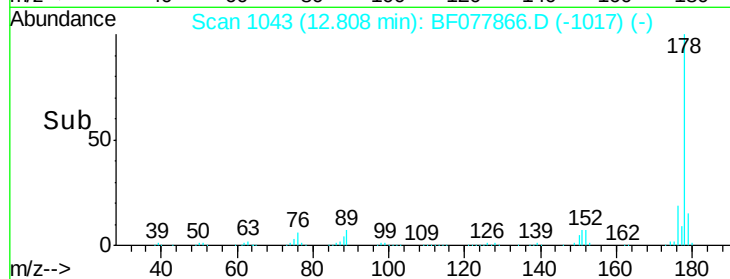
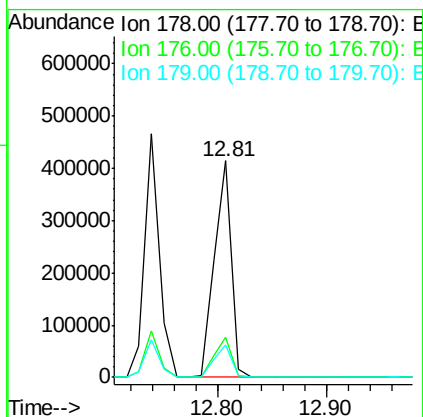
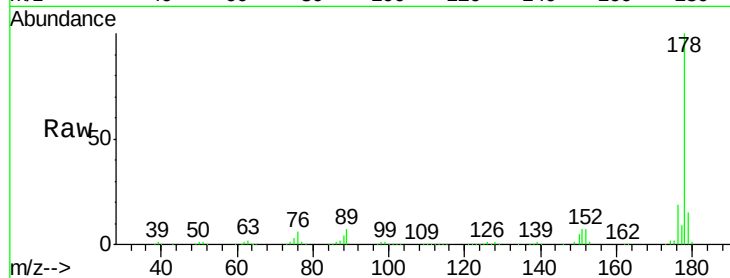




#71
 Anthracene
 Concen: 40.79 ng
 RT: 12.81 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BF077866.D
 Acq: 20 Mar 2015 16:35

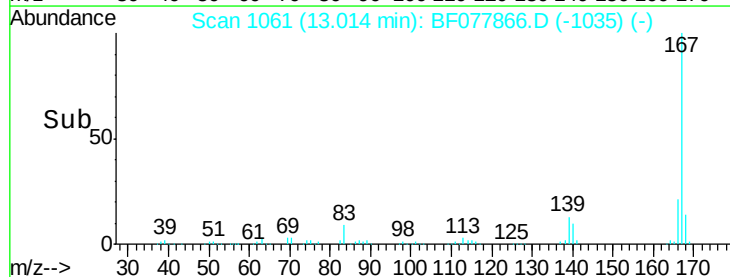
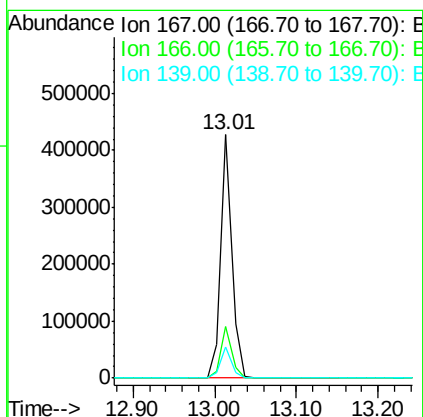
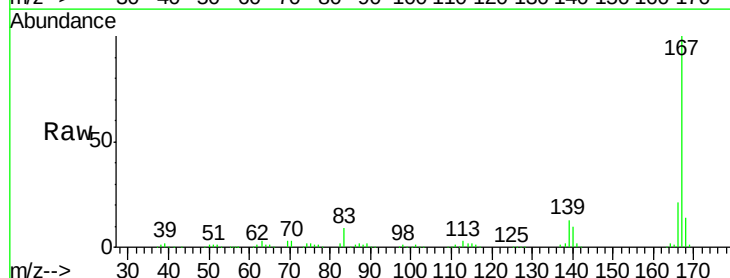
Instrument :
 BNA_F
 ClientSampleId :
 PB82217BS

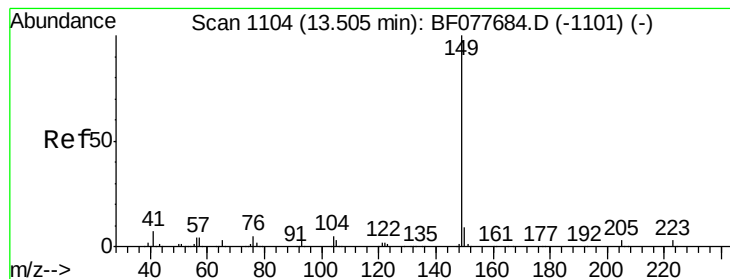
Tot Ion:178 Resp: 455893
 Ion Ratio Lower Upper
 178 100
 176 18.6 14.6 22.0
 179 15.1 12.6 19.0



#72
 Carbazole
 Concen: 38.18 ng
 RT: 13.01 min Scan# 1061
 Delta R.T. -0.00 min
 Lab File: BF077866.D
 Acq: 20 Mar 2015 16:35

Tgt Ion:167 Resp: 405976
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.2 25.8
 139 12.8 10.8 16.2





#73

Di-n-butylphthalate

Concen: 42.16 ng

RT: 13.47 min Scan# 1101

Delta R.T. -0.00 min

Lab File: BF077866.D

Acq: 20 Mar 2015 16:35

Instrument :

BNA_F

ClientSampleId :

PB82217BS

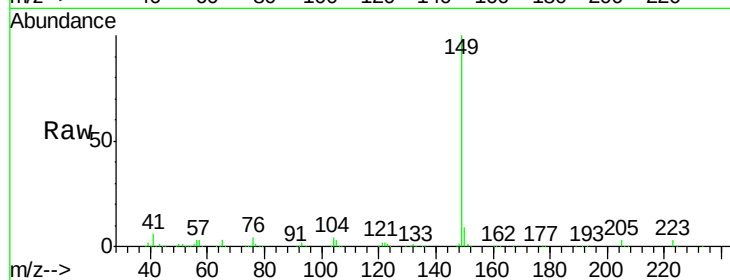
Tot Ion:149 Resp: 502622

Ion Ratio Lower Upper

149 100

150 8.9 7.5 11.3

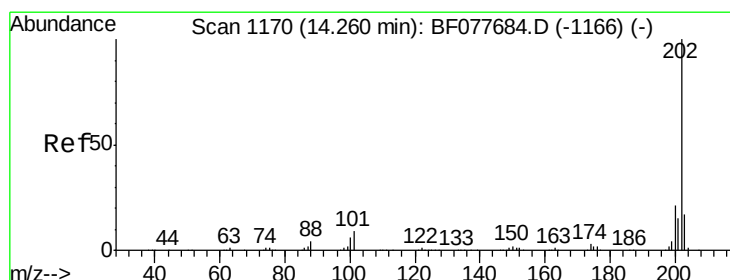
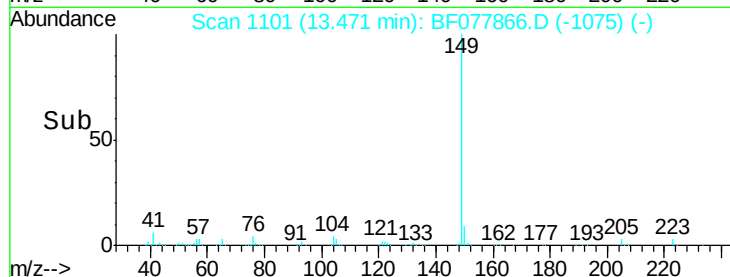
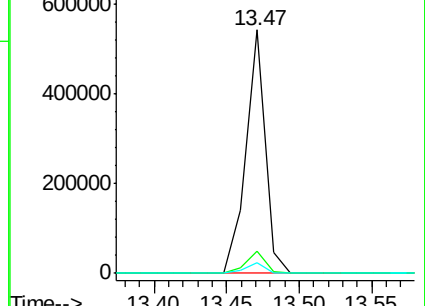
104 4.4 3.7 5.5



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: 37.81 ng

RT: 14.21 min Scan# 1166

Delta R.T. -0.00 min

Lab File: BF077866.D

Acq: 20 Mar 2015 16:35

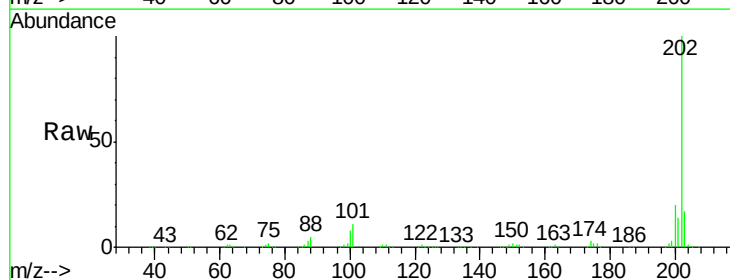
Tgt Ion:202 Resp: 471749

Ion Ratio Lower Upper

202 100

101 10.6 0.0 28.7

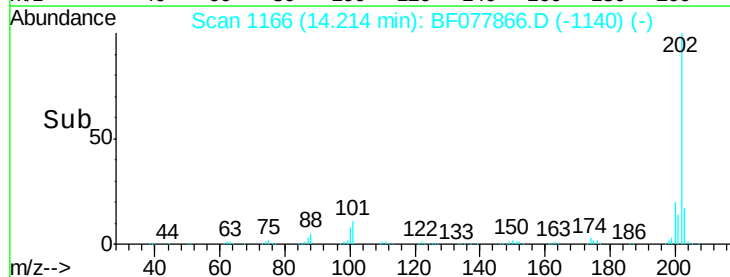
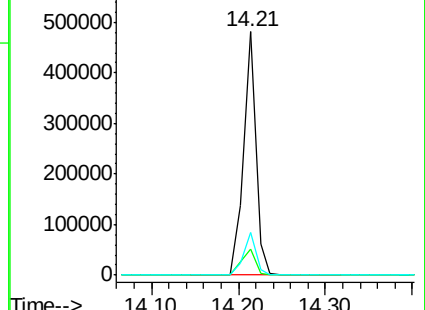
203 17.4 0.0 37.2

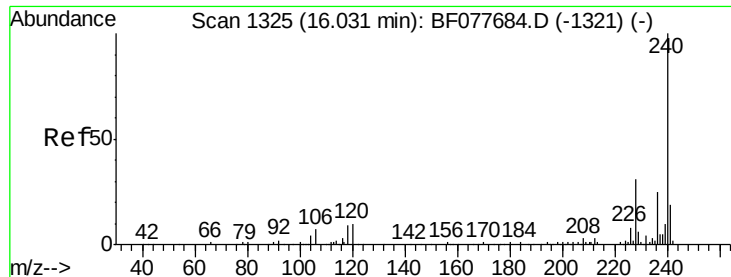


Abundance Ion 202.00 (201.70 to 202.70): E

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: 16.03 min Scan# 1325

Delta R.T. 0.02 min

Lab File: BF077866.D

Acq: 20 Mar 2015 16:35

Instrument :

BNA_F

ClientSampleId :

PB82217BS

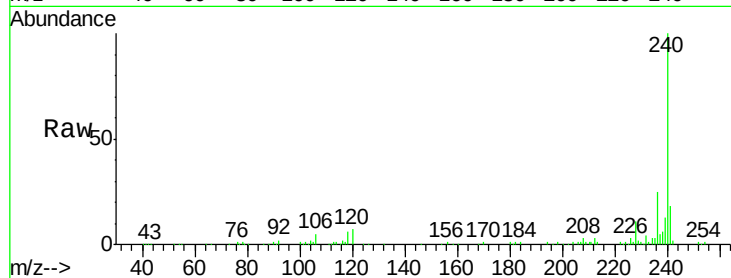
Tot Ion:240 Resp: 195469

Ion Ratio Lower Upper

240 100

120 7.4 8.2 12.2#

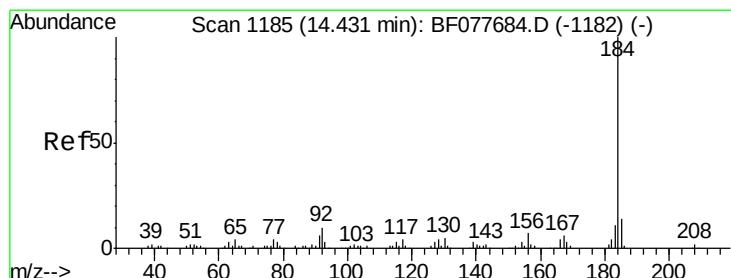
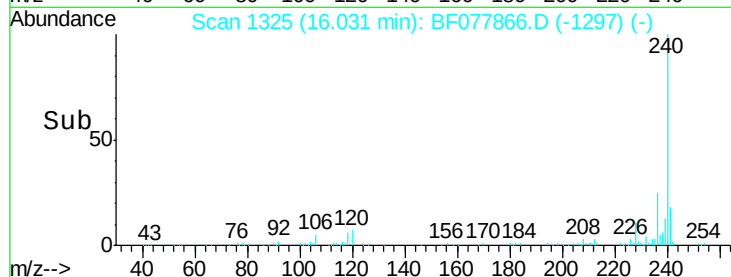
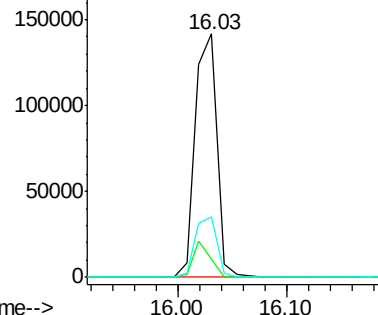
236 24.7 20.0 30.0



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: 43.14 ng

RT: 14.40 min Scan# 1182

Delta R.T. -0.00 min

Lab File: BF077866.D

Acq: 20 Mar 2015 16:35

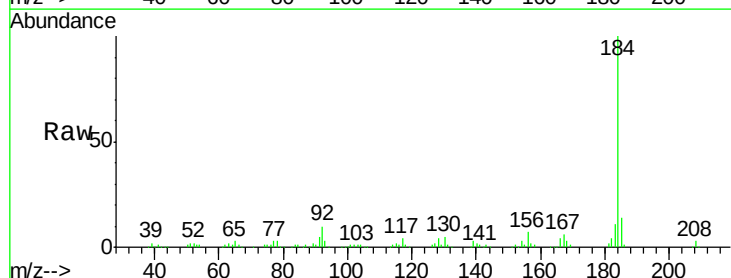
Tgt Ion:184 Resp: 208400

Ion Ratio Lower Upper

184 100

185 14.5 11.3 16.9

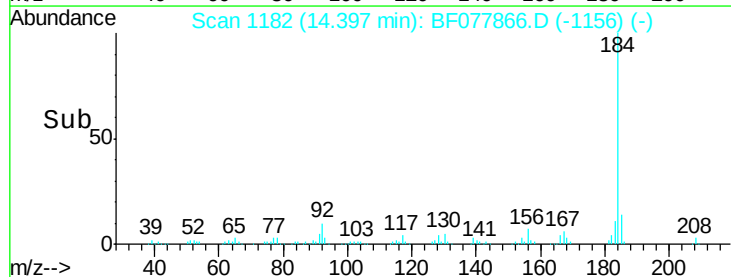
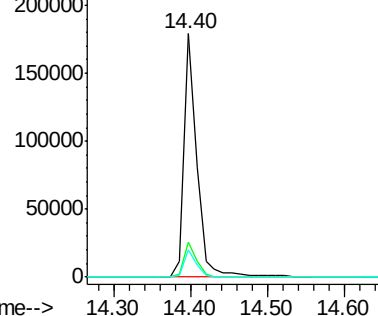
183 11.4 8.9 13.3

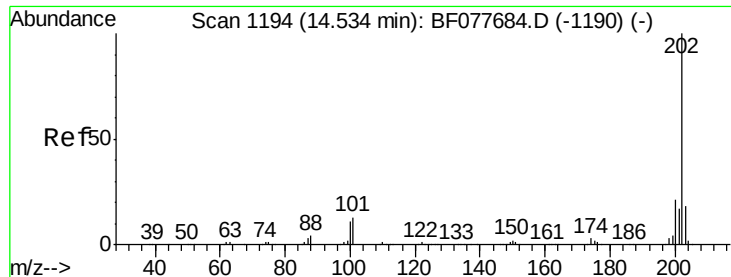


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

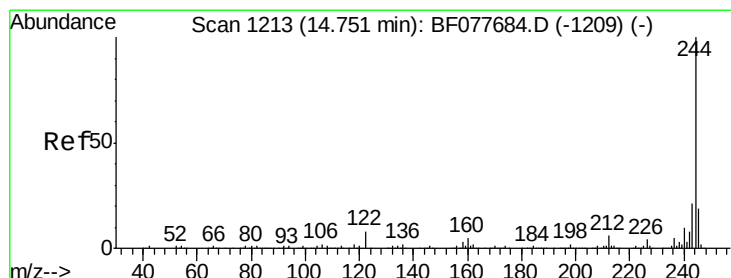
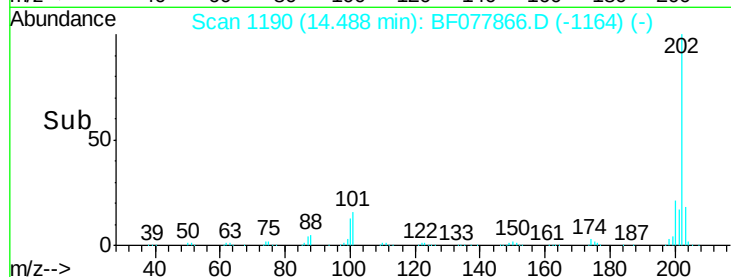
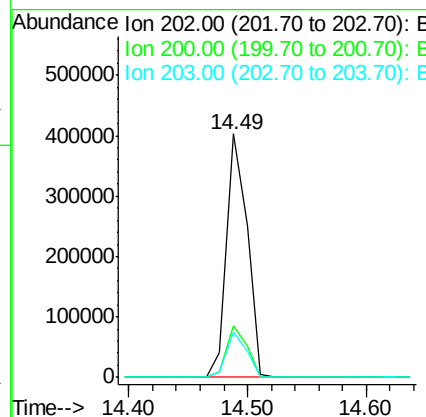
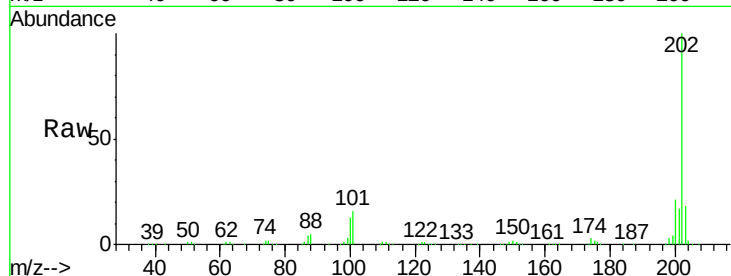




#77
Pvrene
Concen: 39.20 ng
RT: 14.49 min Scan# 1190
Delta R.T. -0.00 min
Lab File: BF077866.D
Acq: 20 Mar 2015 16:35

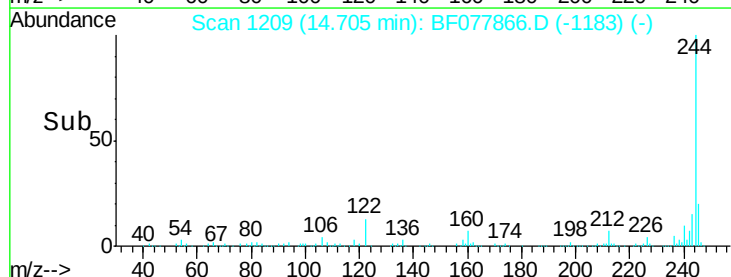
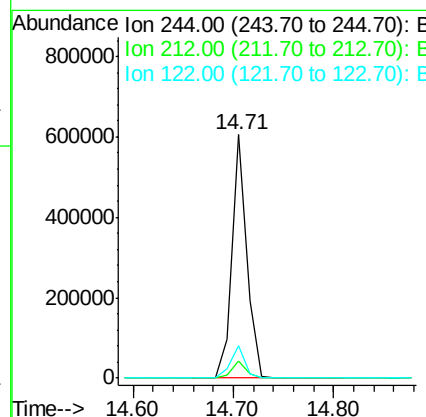
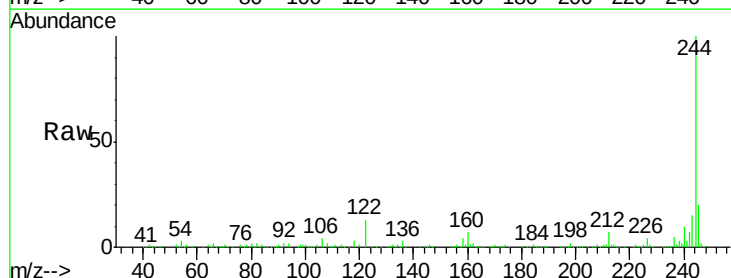
Instrument :
BNA_F
ClientSampleId :
PB82217BS

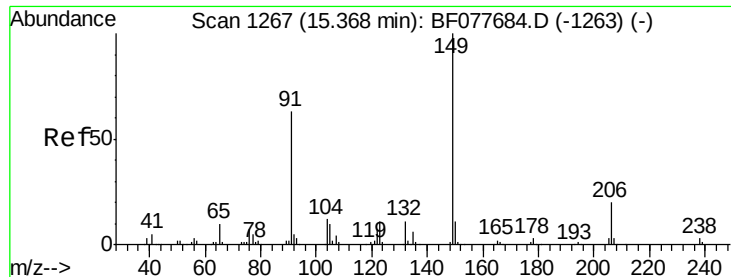
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.9	25.3
203	18.4	14.1	21.1



#78
Terphenyl-d14
Concen: 77.02 ng
RT: 14.71 min Scan# 1209
Delta R.T. -0.00 min
Lab File: BF077866.D
Acq: 20 Mar 2015 16:35

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	4.9	7.3
122	13.1	6.2	9.4

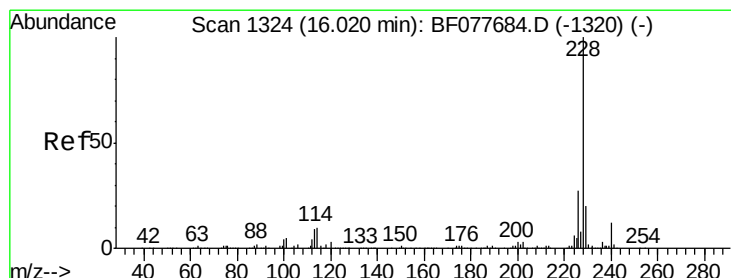
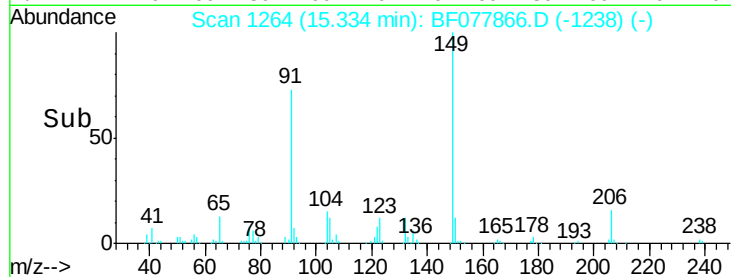
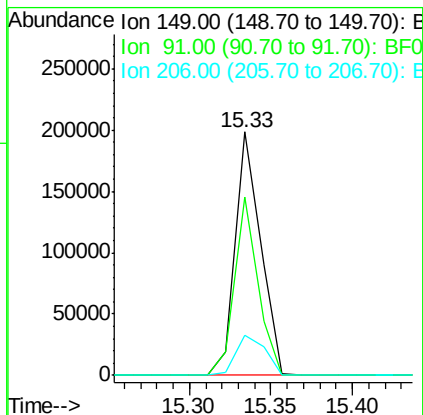
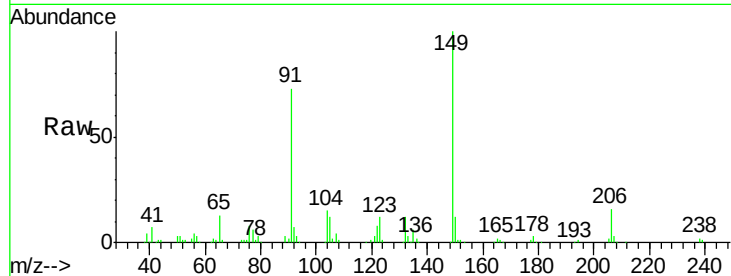




#79
Butylbenzylphthalate
Concen: 43.80 ng
RT: 15.33 min Scan# 1264
Delta R.T. -0.00 min
Lab File: BF077866.D
Acq: 20 Mar 2015 16:35

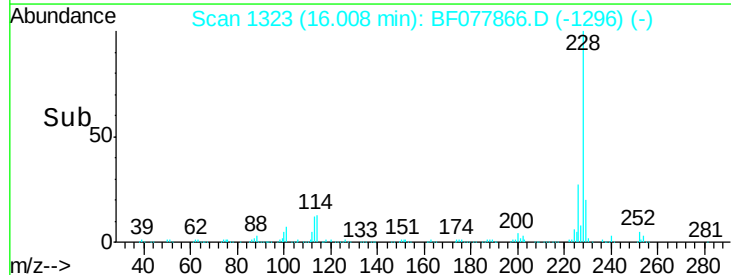
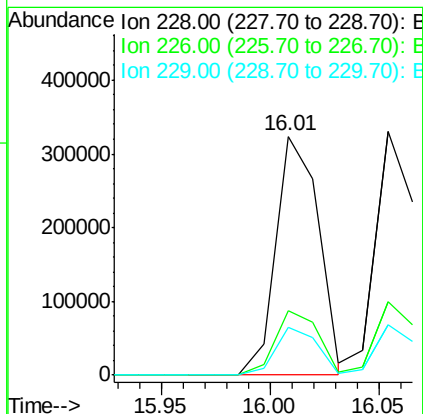
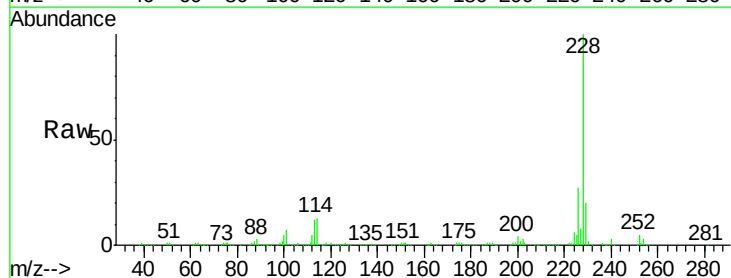
Instrument :
BNA_F
ClientSampleId :
PB82217BS

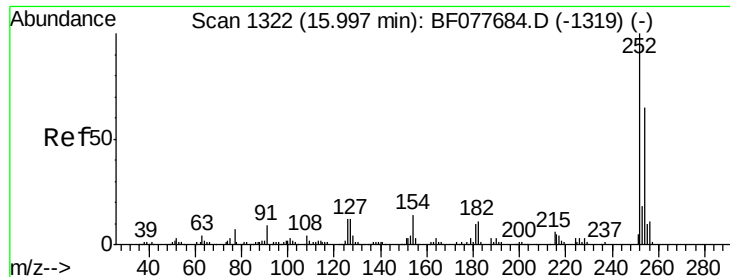
Tot Ion:149 Resp: 212292
Ion Ratio Lower Upper
149 100
91 73.2 50.1 75.1
206 16.3 16.2 24.2



#80
Benzo(a)anthracene
Concen: 38.37 ng
RT: 16.01 min Scan# 1323
Delta R.T. 0.01 min
Lab File: BF077866.D
Acq: 20 Mar 2015 16:35

Tgt Ion:228 Resp: 444621
Ion Ratio Lower Upper
228 100
226 27.0 21.7 32.5
229 19.9 16.0 24.0

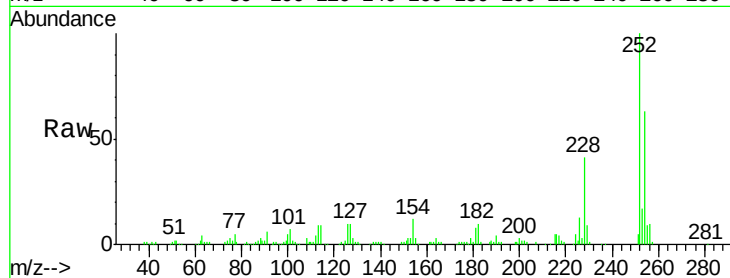




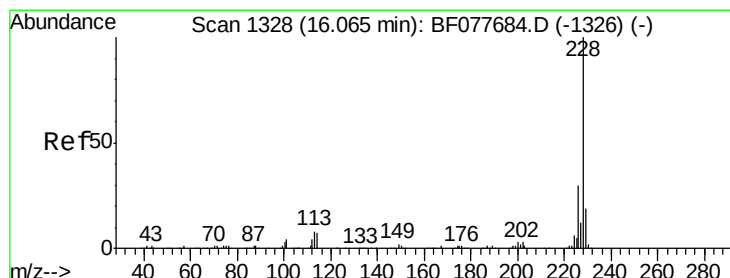
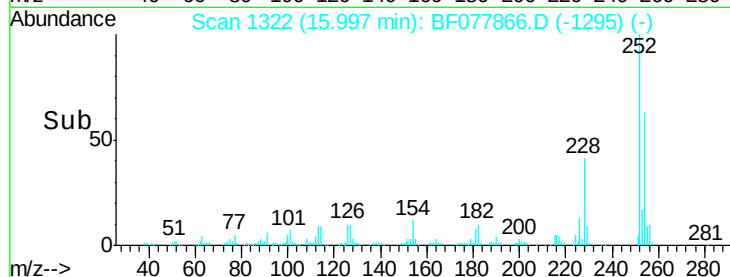
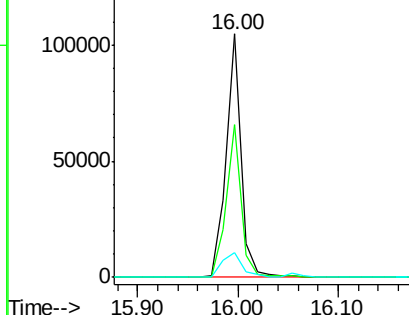
#81
 3,3'-Dichlorobenzidine
 Concen: 28.43 ng
 RT: 16.00 min Scan# 1322
 Delta R.T. 0.01 min
 Lab File: BF077866.D
 Acq: 20 Mar 2015 16:35

Instrument :
 BNA_F
 ClientSampleId :
 PB82217BS

Tot Ion:252 Resp: 108654
 Ion Ratio Lower Upper
 252 100
 254 62.7 51.9 77.9
 126 10.4 9.8 14.8

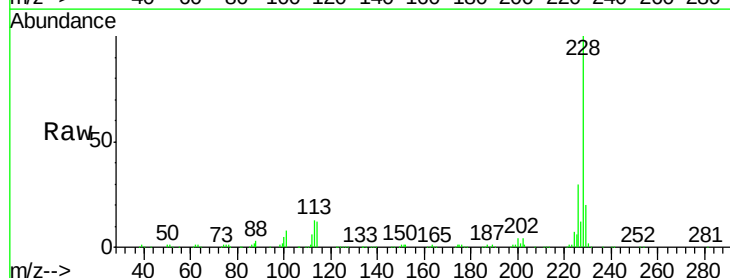


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

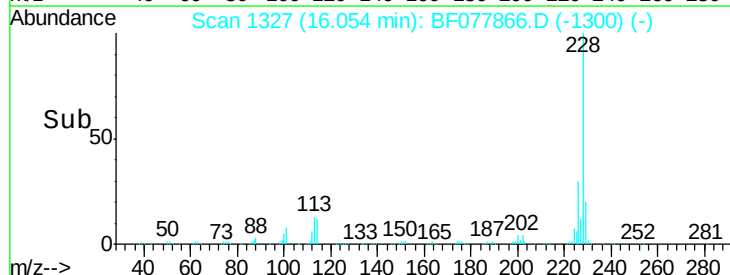
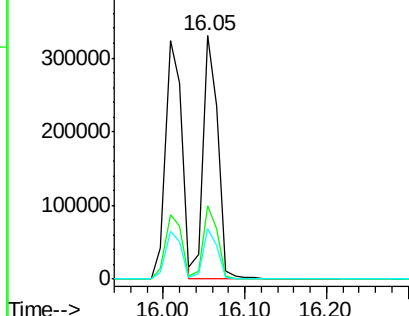


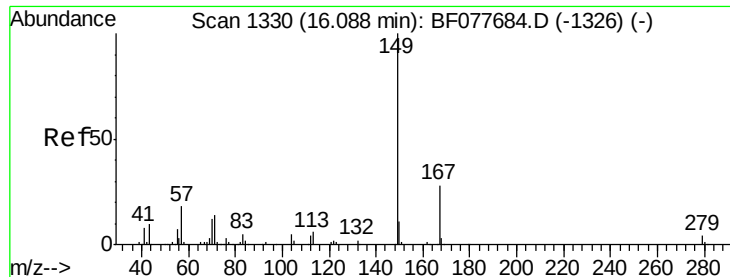
#82
 Chrysene
 Concen: 40.89 ng
 RT: 16.05 min Scan# 1327
 Delta R.T. 0.01 min
 Lab File: BF077866.D
 Acq: 20 Mar 2015 16:35

Tgt Ion:228 Resp: 426049
 Ion Ratio Lower Upper
 228 100
 226 30.3 24.1 36.1
 229 20.5 15.5 23.3



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: 43.76 ng

RT: 16.09 min Scan# 1330

Delta R.T. 0.01 min

Lab File: BF077866.D

Acq: 20 Mar 2015 16:35

Instrument :

BNA_F

ClientSampleId :

PB82217BS

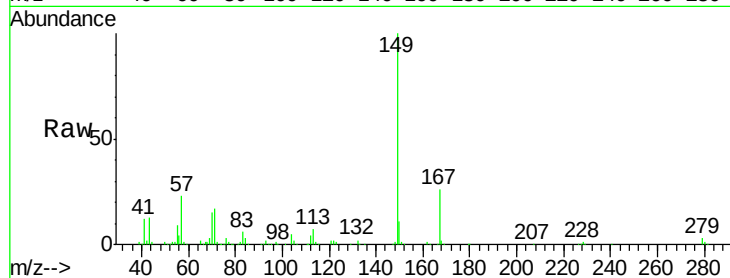
Tot Ion:149 Resp: 321274

Ion Ratio Lower Upper

149 100

167 25.6 22.4 33.6

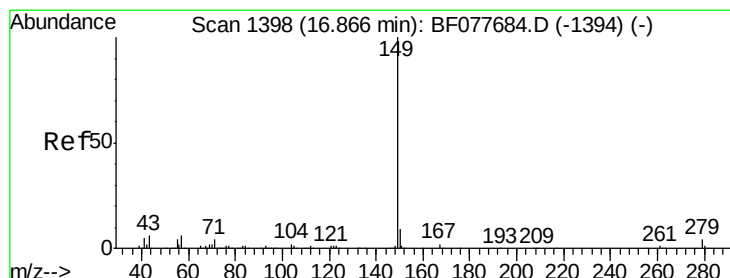
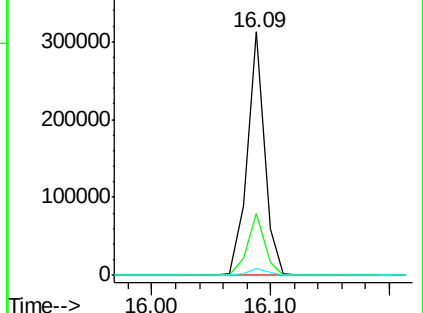
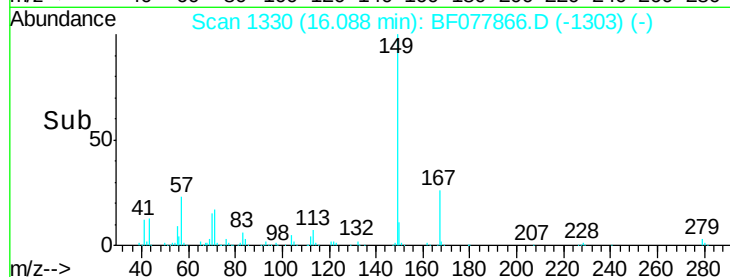
279 3.0 3.4 5.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 42.41 ng

RT: 16.93 min Scan# 1404

Delta R.T. 0.02 min

Lab File: BF077866.D

Acq: 20 Mar 2015 16:35

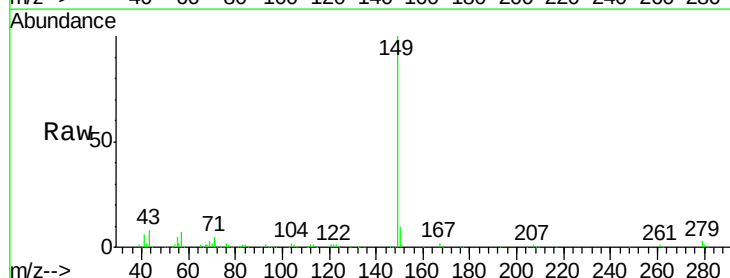
Tgt Ion:149 Resp: 532322

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

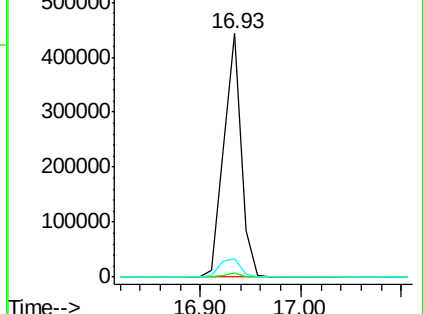
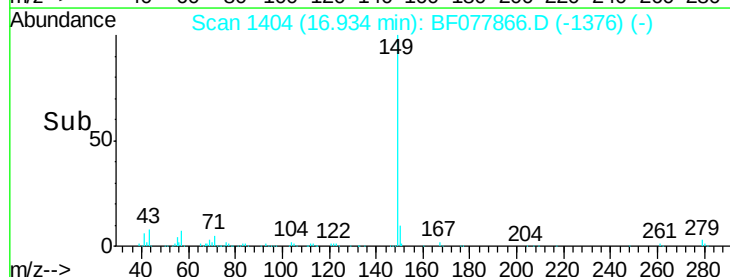
43 9.0 7.3 10.9

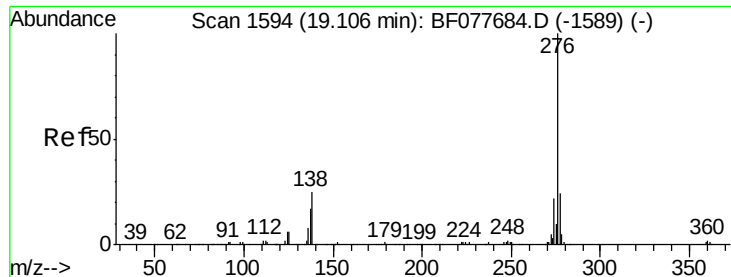


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

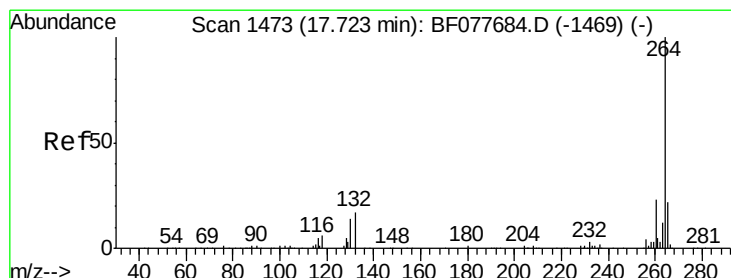
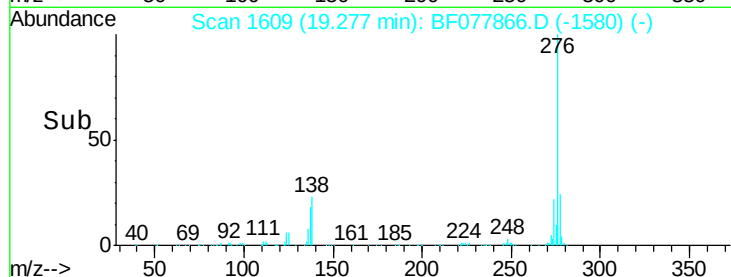
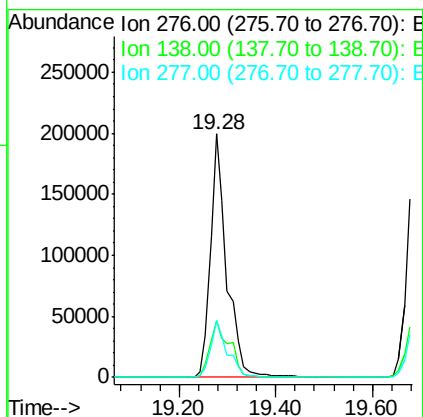
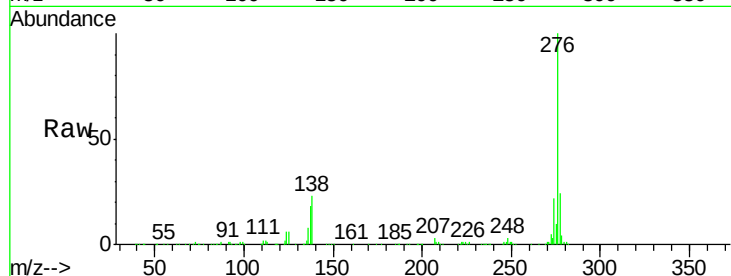




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.51 ng
 RT: 19.28 min Scan# 1609
 Delta R.T. 0.03 min
 Lab File: BF077866.D
 Acq: 20 Mar 2015 16:35

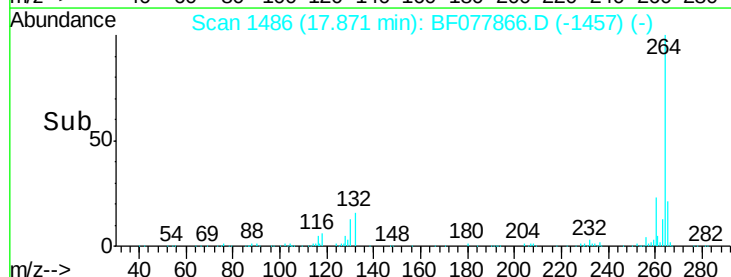
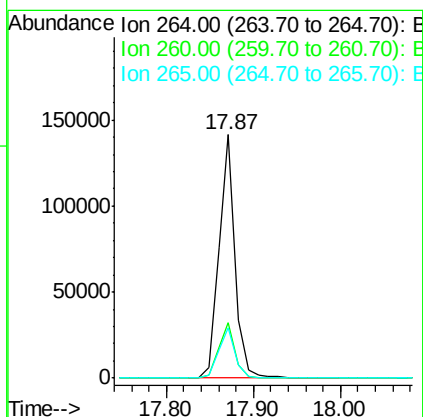
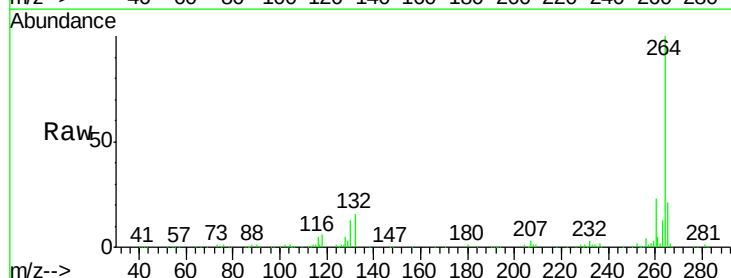
Instrument :
 BNA_F
 ClientSampleId :
 PB82217BS

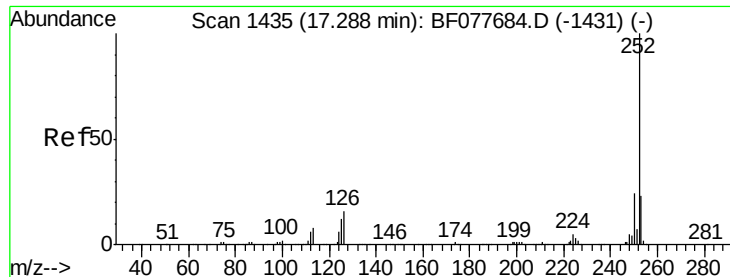
Tot Ion:276 Resp: 474787
 Ion Ratio Lower Upper
 276 100
 138 28.3 0.0 0.0#
 277 24.5 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.87 min Scan# 1486
 Delta R.T. 0.03 min
 Lab File: BF077866.D
 Acq: 20 Mar 2015 16:35

Tgt Ion:264 Resp: 183634
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.6 27.8
 265 20.7 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 34.37 ng

RT: 17.39 min Scan# 1444

Delta R.T. 0.02 min

Lab File: BF077866.D

Acq: 20 Mar 2015 16:35

Instrument :

BNA_F

ClientSampleId :

PB82217BS

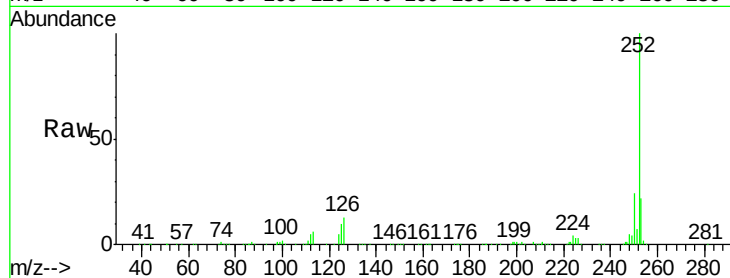
Tot Ion:252 Resp: 412029

Ion Ratio Lower Upper

252 100

253 21.9 18.0 27.0

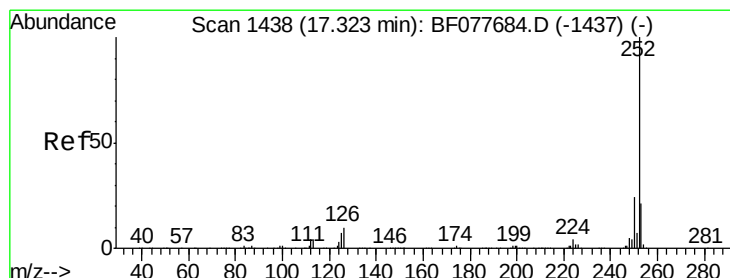
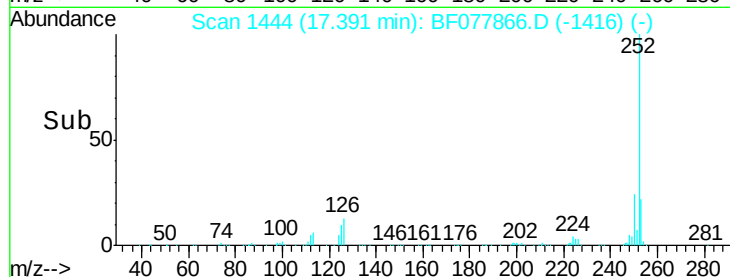
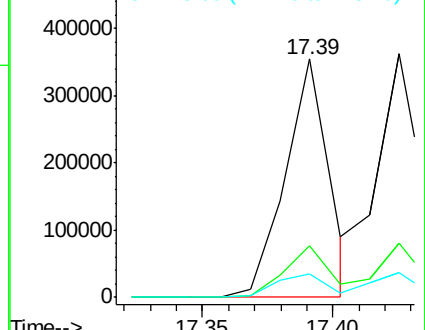
125 9.9 9.9 14.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 46.25 ng m

RT: 17.43 min Scan# 1447

Delta R.T. 0.02 min

Lab File: BF077866.D

Acq: 20 Mar 2015 16:35

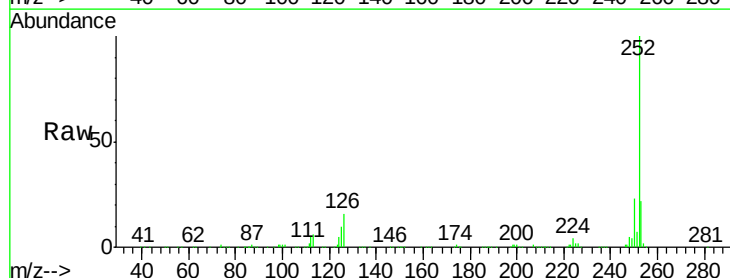
Tgt Ion:252 Resp: 433051

Ion Ratio Lower Upper

252 100

253 22.0 17.2 25.8

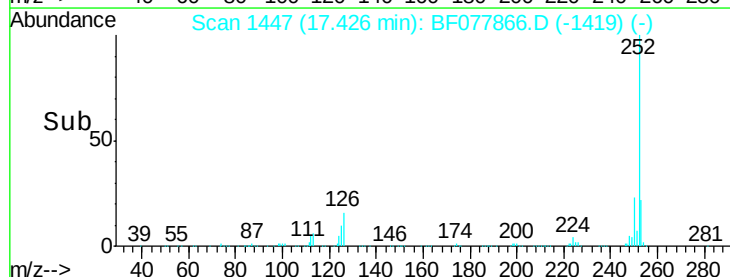
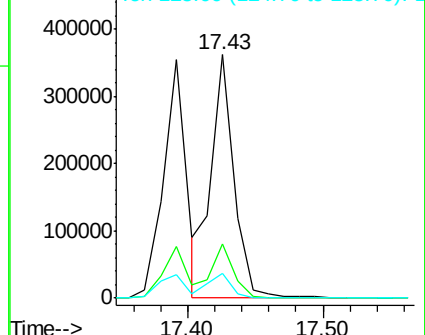
125 10.3 8.1 12.1

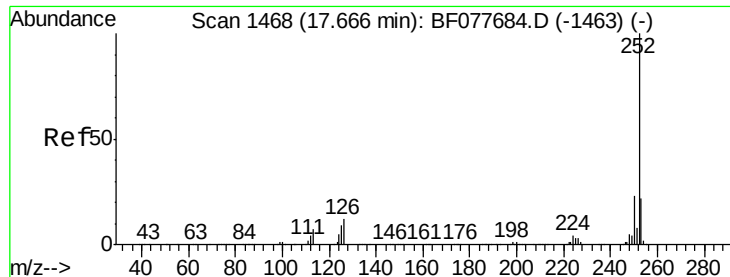


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 41.32 ng

RT: 17.80 min Scan# 1480

Delta R.T. 0.03 min

Lab File: BF077866.D

Acq: 20 Mar 2015 16:35

Instrument :

BNA_F

ClientSampleId :

PB82217BS

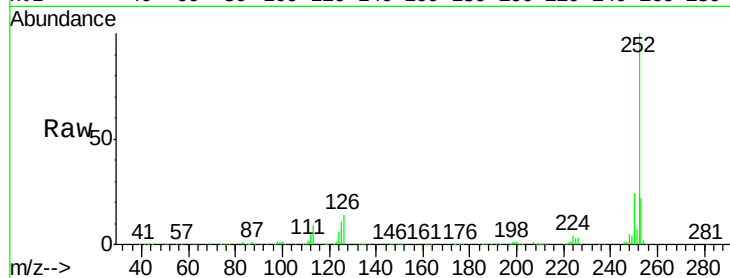
Tot Ion:252 Resp: 413312

Ion Ratio Lower Upper

252 100

253 21.7 17.6 26.4

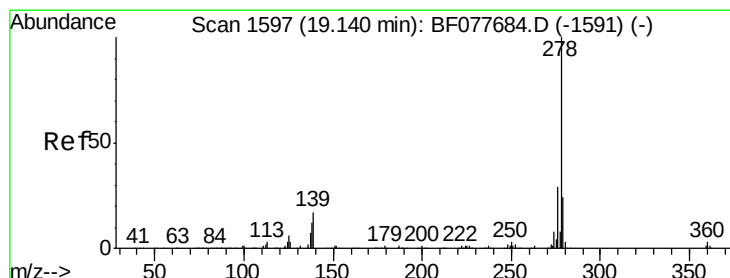
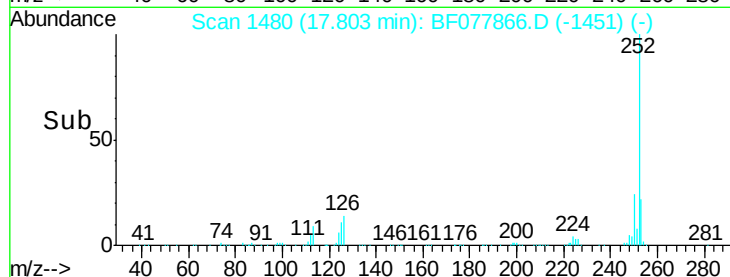
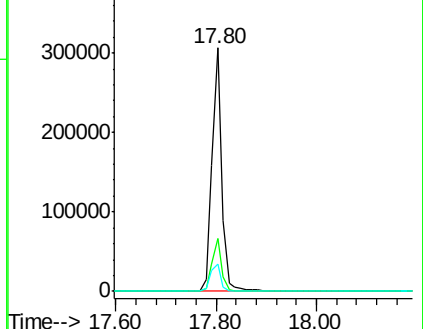
125 11.2 7.4 11.2#



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: 39.42 ng

RT: 19.31 min Scan# 1612

Delta R.T. 0.05 min

Lab File: BF077866.D

Acq: 20 Mar 2015 16:35

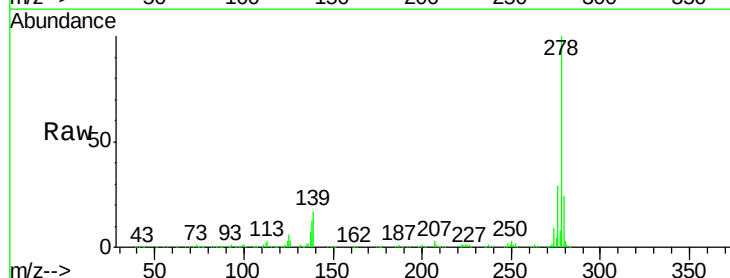
Tgt Ion:278 Resp: 391045

Ion Ratio Lower Upper

278 100

139 17.5 13.4 20.0

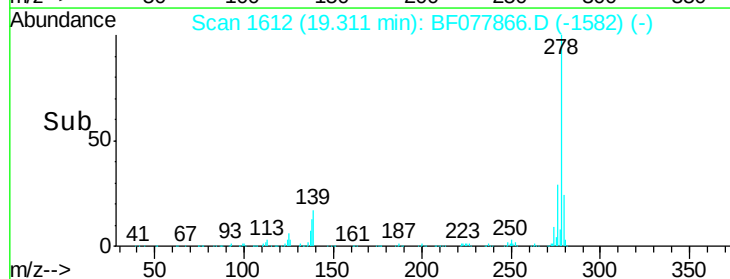
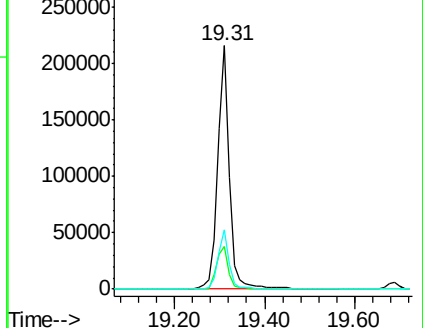
279 24.4 19.0 28.4

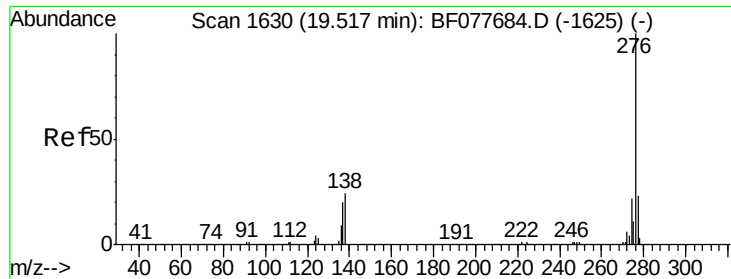


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 39.58 ng

RT: 19.69 min Scan# 1645

Delta R.T. 0.05 min

Lab File: BF077866.D

Acq: 20 Mar 2015 16:35

Instrument :

BNA_F

ClientSampleId :

PB82217BS

Tot Ion: 276 Resp: 399784

Ion Ratio Lower Upper

276 100

277 23.8 18.5 27.7

138 23.3 19.0 28.6

