

Data Path : Z:\HPCHEM1\BNA F\Data\BF102115\
 Data File : BF082402.D
 Acq On : 21 Oct 2015 14:13
 Operator : UM/IZ
 Sample : PB86203BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86203BS

Quant Time: Oct 22 09:13:07 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 21 13:20:24 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	101381	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	392200	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	202410	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	385859	20.00	ng	0.00
75) Chrysene-d12	14.05	240	349489	20.00	ng	0.03
86) Perylene-d12	15.62	264	277591	20.00	ng	0.09

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.37	112	525950	104.70	ng	0.01
7) Phenol-d6	6.42	99	693615	106.11	ng	0.00
23) Nitrobenzene-d5	7.35	82	432707	74.09	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	164947	86.90	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	889958	72.92	ng	0.00
78) Terphenyl-d14	12.91	244	923268	70.00	ng	0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.39	88	71023	28.14	ng	98
3) Pyridine	3.07	79	189809	32.34	ng	96
4) n-Nitrosodimethylamine	3.04	42	78206	31.41	ng	99
6) Aniline	6.43	93	118703	14.08	ng	# 15
8) 2-Chlorophenol	6.56	128	193607	31.57	ng	100
9) Benzaldehyde	6.32	77	80884	24.23	ng	93
10) Phenol	6.43	94	217850	28.90	ng	94
11) bis(2-Chloroethyl)ether	6.51	93	200252	31.42	ng	99
12) 1,3-Dichlorobenzene	6.71	146	234477	32.83	ng	98
13) 1,4-Dichlorobenzene	6.79	146	238737	32.01	ng	99
14) 1,2-Dichlorobenzene	6.94	146	216830	30.62	ng	97
15) Benzyl Alcohol	6.93	79	157521	34.91	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.05	45	274397	30.92	ng	87
17) 2-Methylphenol	7.04	107	160783	33.16	ng	99
18) Hexachloroethane	7.28	117	82170	32.19	ng	97
19) n-Nitroso-di-n-propylamine	7.19	70	131288	28.60	ng	# 85
20) 3+4-Methylphenols	7.20	107	199016	34.44	ng	# 66
22) Acetophenone	7.19	105	264925	34.15	ng	# 91
24) Nitrobenzene	7.36	77	191129	30.23	ng	98
25) Isophorone	7.60	82	367848	31.21	ng	98
26) 2-Nitrophenol	7.68	139	109597	34.72	ng	92
27) 2,4-Dimethylphenol	7.73	122	190722	37.50	ng	96
28) bis(2-Chloroethoxy)methane	7.82	93	237729	34.66	ng	98
29) 2,4-Dichlorophenol	7.93	162	170510	33.54	ng	94
30) 1,2,4-Trichlorobenzene	8.00	180	180972	30.88	ng	97
31) Naphthalene	8.08	128	545409	32.08	ng	100
32) Benzoic acid	7.84	122	64798	18.98	ng	97
33) 4-Chloroaniline	8.14	127	74072	10.49	ng	96
34) Hexachlorobutadiene	8.19	225	107920	29.56	ng	98
35) Caprolactam	8.50	113	48391	32.80	ng	# 64
36) 4-Chloro-3-methylphenol	8.63	107	169062	34.01	ng	98
37) 2-Methylnaphthalene	8.78	142	404930	34.36	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	181420	30.13	ng	98
40) Hexachlorocyclopentadiene	8.93	237	142268	50.16	ng	98

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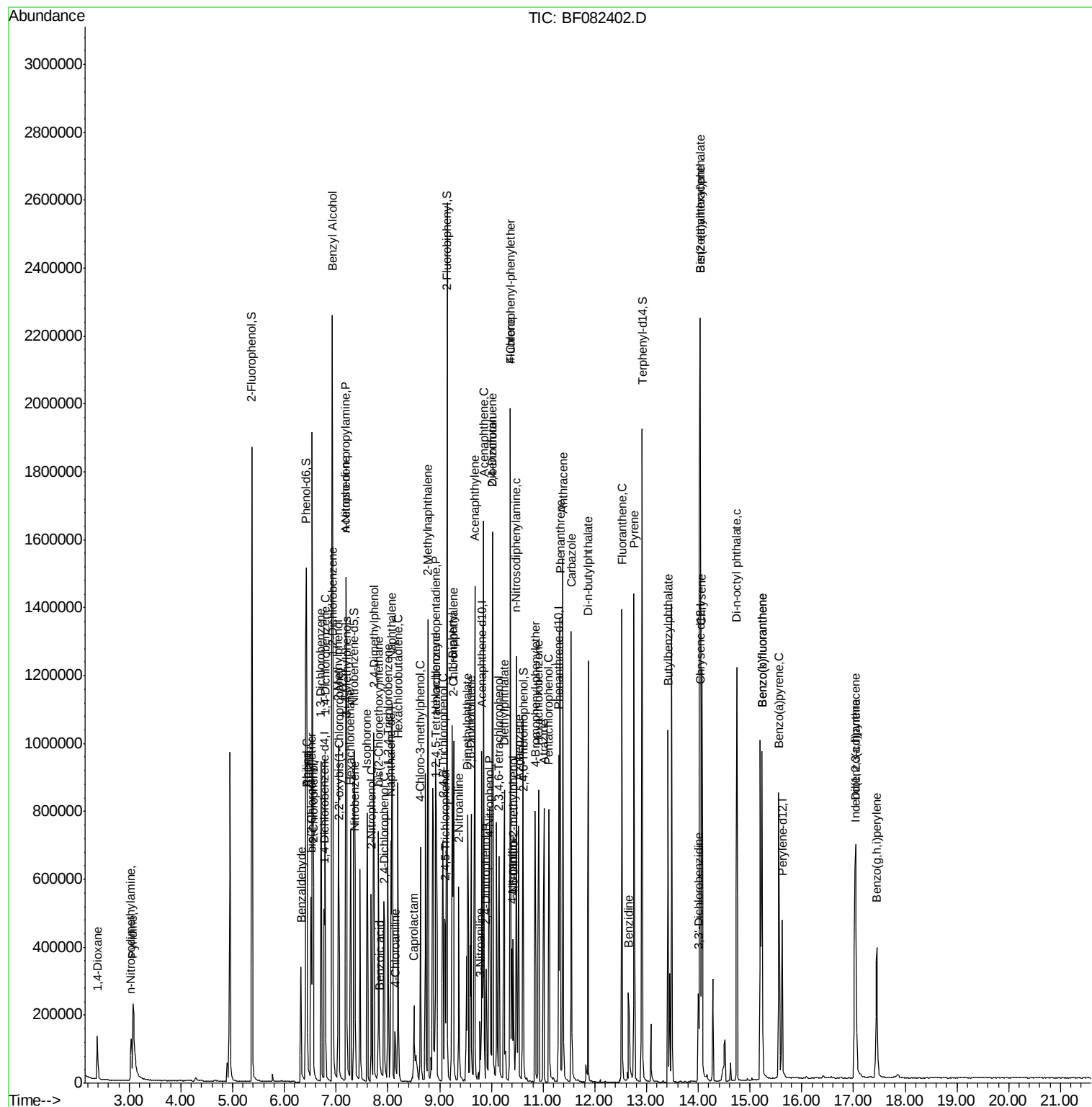
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	120729	30.19	nq	99
43) 2,4,5-Trichlorophenol	9.11	196	127903	29.53	nq	95
45) 1,1'-Biphenyl	9.25	154	477441	30.93	nq	94
46) 2-Chloronaphthalene	9.27	162	379352	31.22	nq	99
47) 2-Nitroaniline	9.37	65	112705	33.79	nq	# 79
48) Acenaphthylene	9.68	152	617376	32.62	nq	99
49) Dimethylphthalate	9.54	163	422030	29.61	nq	99
50) 2,6-Dinitrotoluene	9.61	165	94637	31.47	nq	# 82
51) Acenaphthene	9.85	154	355216	31.26	nq	99
52) 3-Nitroaniline	9.78	138	41699	12.27	nq	93
53) 2,4-Dinitrophenol	9.90	184	80776	50.62	nq	90
54) Dibenzofuran	10.02	168	513135	32.89	nq	98
55) 4-Nitrophenol	9.95	139	116046	56.13	nq	# 79
56) 2,4-Dinitrotoluene	10.02	165	126544	33.66	nq	91
57) Fluorene	10.37	166	411738	32.13	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.15	232	112214	31.71	nq	95
59) Diethylphthalate	10.25	149	448030	33.72	nq	97
60) 4-Chlorophenyl-phenylether	10.37	204	192394	32.78	nq	# 81
61) 4-Nitroaniline	10.40	138	95845	29.09	nq	97
62) Azobenzene	10.53	77	424797	32.67	nq	84
64) 4,6-Dinitro-2-methylphenol	10.42	198	60584	27.98	nq	# 58
65) n-Nitrosodiphenylamine	10.48	169	350088	30.30	nq	100
66) 4-Bromophenyl-phenylether	10.85	248	113960	29.51	nq	# 84
67) Hexachlorobenzene	10.91	284	132003	31.61	nq	# 88
68) Atrazine	11.02	200	137635	37.60	nq	97
69) Pentachlorophenol	11.11	266	118495	55.14	nq	97
70) Phenanthrene	11.33	178	614445	32.49	nq	100
71) Anthracene	11.38	178	695151	35.67	nq	100
72) Carbazole	11.54	167	604583	34.01	nq	98
73) Di-n-butylphthalate	11.87	149	748867	34.14	nq	98
74) Fluoranthene	12.53	202	709563	34.93	nq	98
76) Benzidine	12.65	184	209364	20.67	nq	99
77) Pyrene	12.75	202	661700	31.90	nq	99
79) Butylbenzylphthalate	13.42	149	314113	33.19	nq	89
80) Benzo(a)anthracene	14.04	228	597547	32.86	nq	99
81) 3,3'-Dichlorobenzidine	14.00	252	99065	14.35	nq	# 94
82) Chrysene	14.07	228	519774	27.13	nq	99
83) Bis(2-ethylhexyl)phthalate	14.04	149	425793	31.53	nq	98
84) Di-n-octyl phthalate	14.74	149	718766	30.99	nq	99
85) Indeno(1,2,3-cd)pyrene	17.03	276	429949	28.23	nq	98
87) Benzo(b)fluoranthene	15.24	252	1017783	60.26	nq	# 98
88) Benzo(k)fluoranthene	15.24	252	1019105	71.79	nq	99
89) Benzo(a)pyrene	15.56	252	462318	31.85	nq	99
90) Dibenzo(a,h)anthracene	17.04	278	366069	30.78	nq	99
91) Benzo(g,h,i)perylene	17.45	276	346973	30.03	nq	99

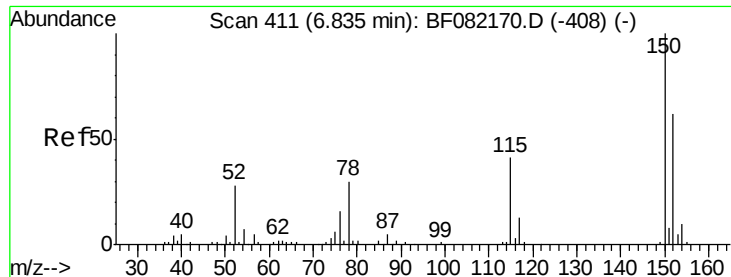
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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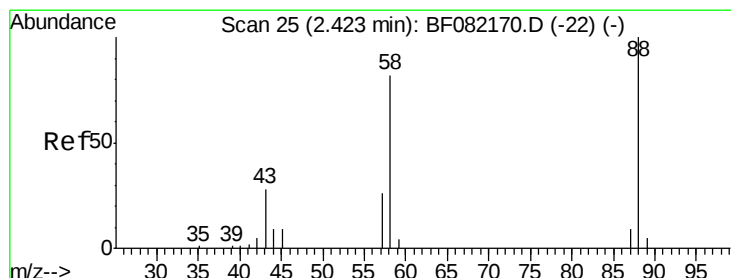
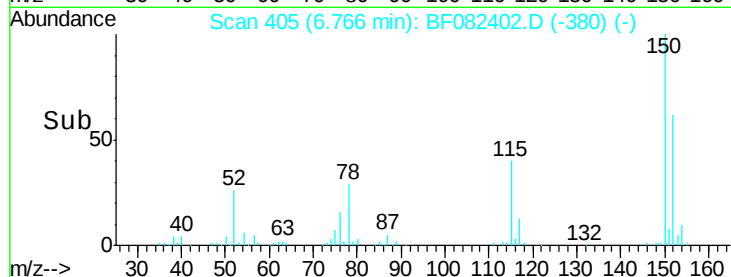
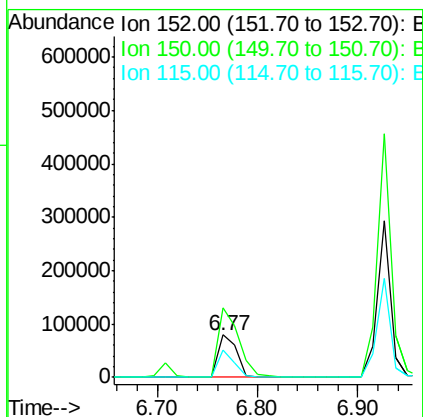
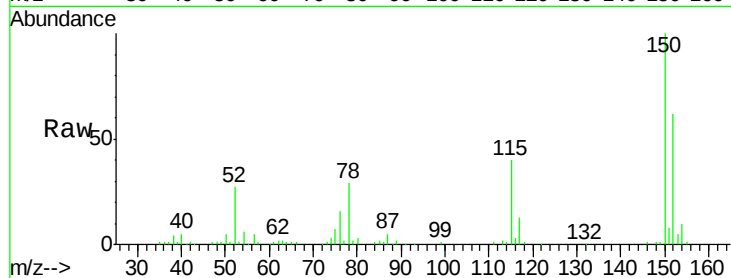


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 405
Delta R.T. -0.01 min
Lab File: BF082402.D
Acq: 21 Oct 2015 14:13

Instrument :
BNA_F
ClientSampleId :
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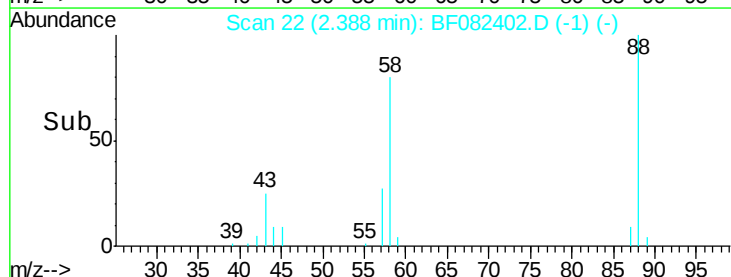
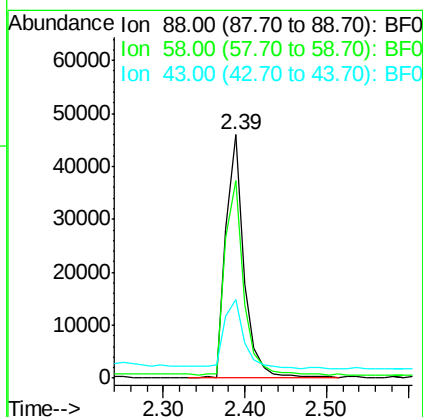
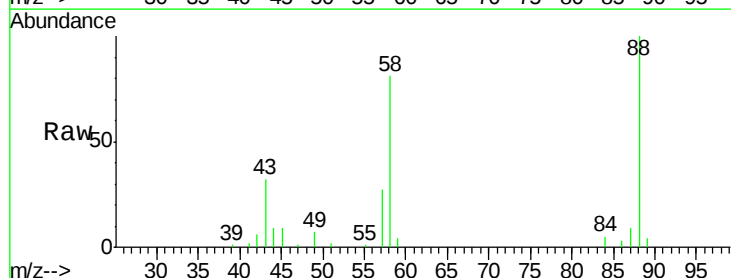
Tot Ion	Ratio	Lower	Upper
152	100		
150	162.2	129.0	193.4
115	64.5	52.1	78.1

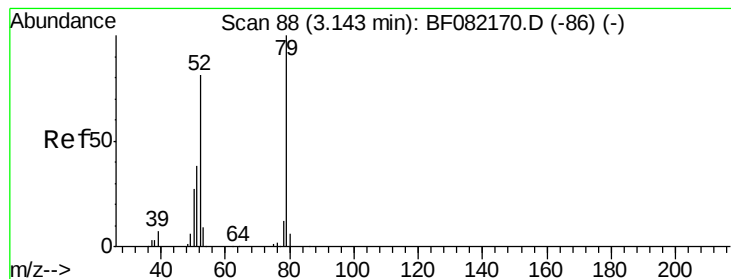


#2

1,4-Dioxane
Concen: 28.14 ng
RT: 2.39 min Scan# 22
Delta R.T. 0.09 min
Lab File: BF082402.D
Acq: 21 Oct 2015 14:13

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.0	66.2	99.4
43	31.1	23.0	34.4





#3

Pvridine

Concen: 32.34 ng

RT: 3.07 min Scan# 82

Delta R.T. 0.08 min

Lab File: BF082402.D

Acq: 21 Oct 2015 14:13

Instrument :

BNA_F

ClientSampleId :

PB86203BS

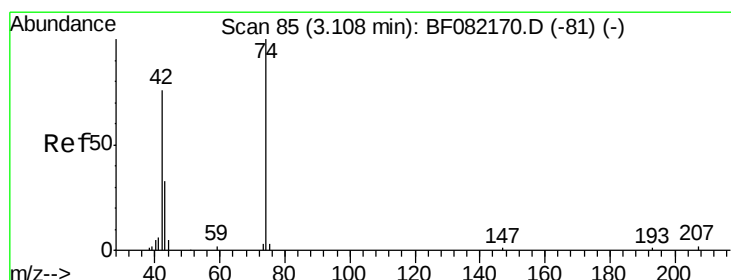
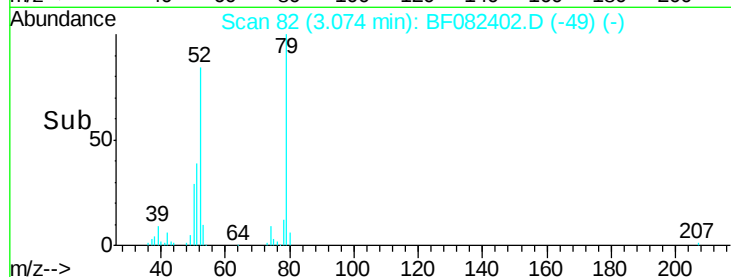
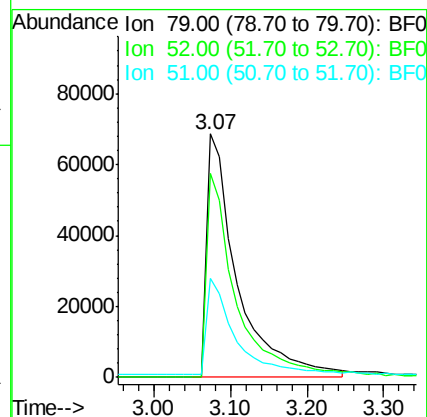
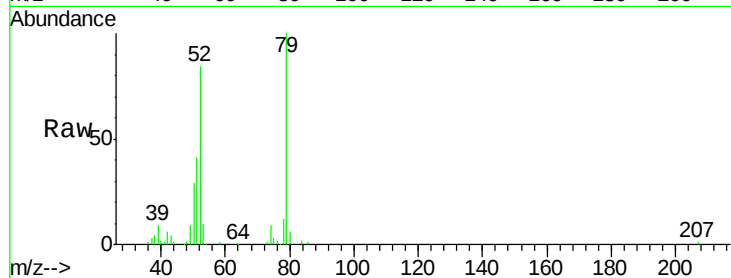
Tot Ion: 79 Resp: 189809

Ion Ratio Lower Upper

79 100

52 84.0 64.4 96.6

51 40.6 30.5 45.7



#4

n-Nitrosodimethylamine

Concen: 31.41 ng

RT: 3.04 min Scan# 79

Delta R.T. 0.07 min

Lab File: BF082402.D

Acq: 21 Oct 2015 14:13

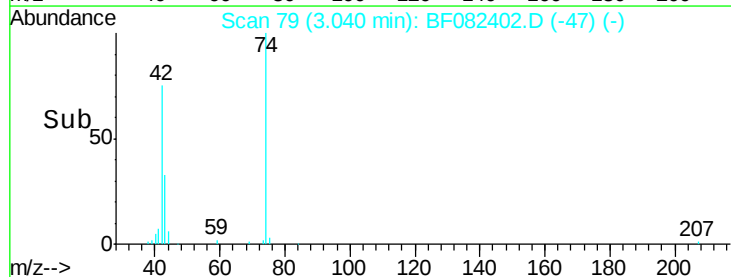
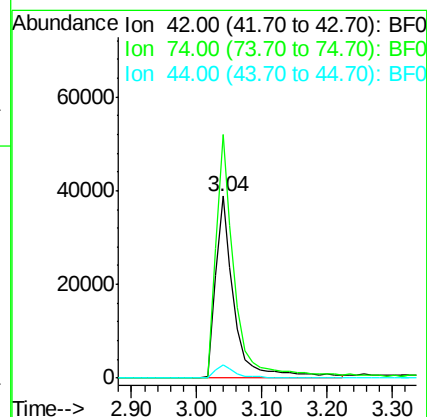
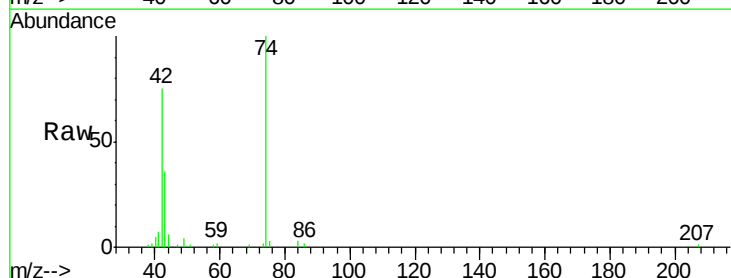
Tgt Ion: 42 Resp: 78206

Ion Ratio Lower Upper

42 100

74 133.7 105.7 158.5

44 7.6 5.4 8.2





#5

2-Fluorophenol

Concen: 104.70 ng

RT: 5.37 min Scan# 283

Delta R.T. 0.01 min

Lab File: BF082402.D

Acq: 21 Oct 2015 14:13

Instrument :

BNA_F

ClientSampleId :

PB86203BS

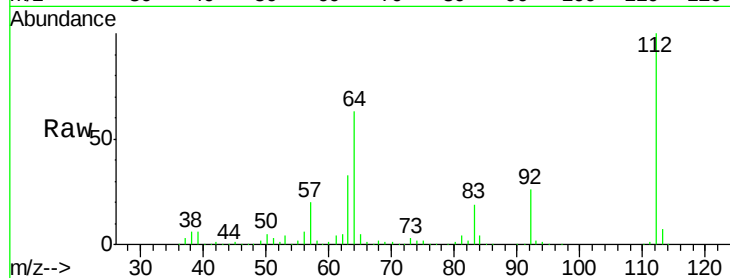
Tot Ion:112 Resp: 525950

Ion Ratio Lower Upper

112 100

64 62.6 48.6 73.0

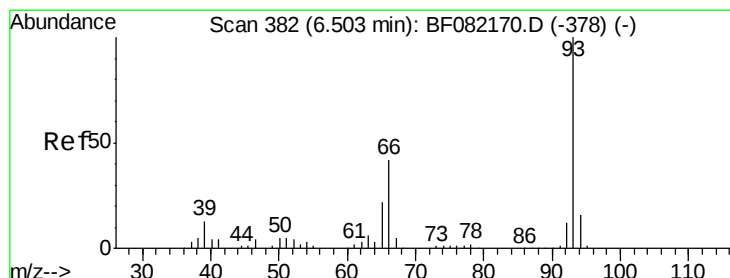
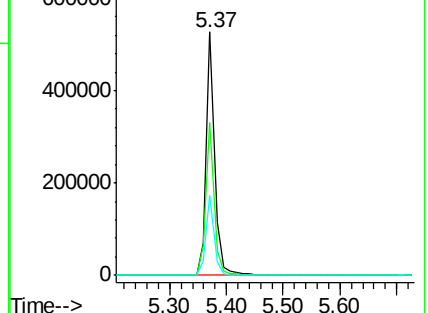
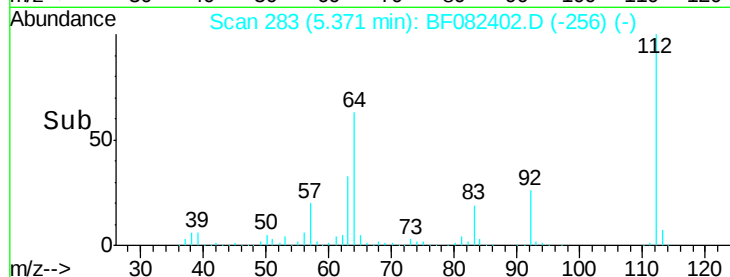
63 32.7 25.1 37.7



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 14.08 ng

RT: 6.43 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF082402.D

Acq: 21 Oct 2015 14:13

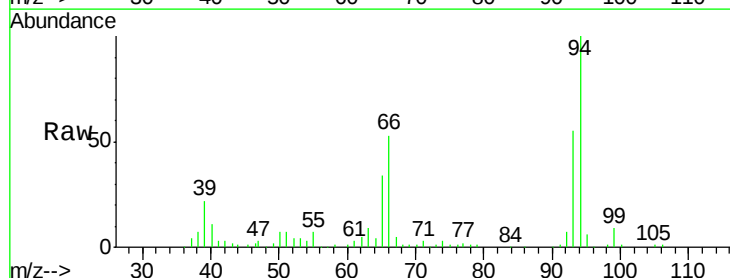
Tgt Ion: 93 Resp: 118703

Ion Ratio Lower Upper

93 100

66 97.0 34.2 51.2#

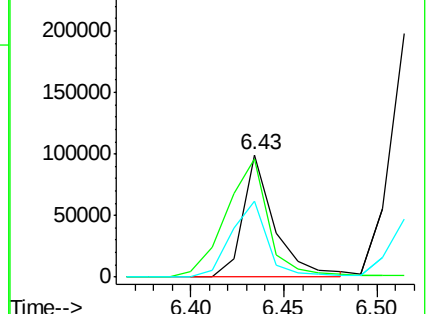
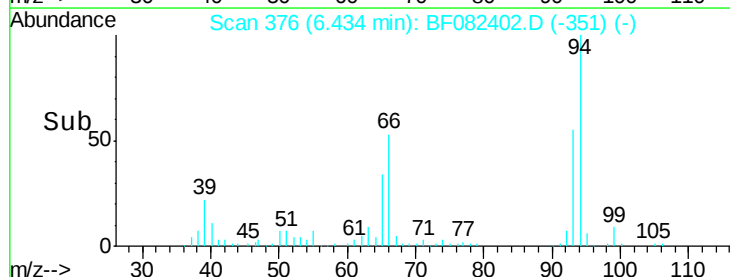
65 62.4 17.9 26.9#



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: 106.11 ng

RT: 6.42 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF082402.D

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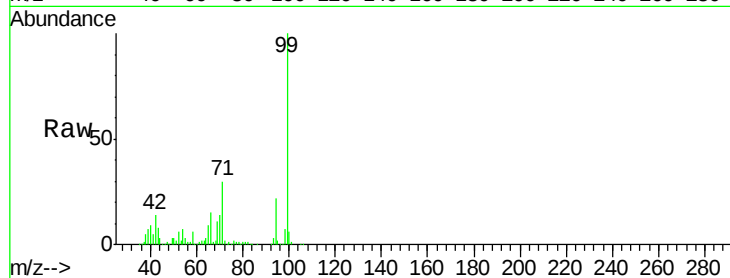
Tot Ion: 99 Resp: 693615

Ion Ratio Lower Upper

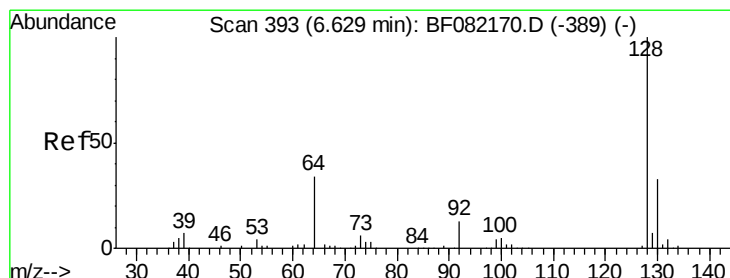
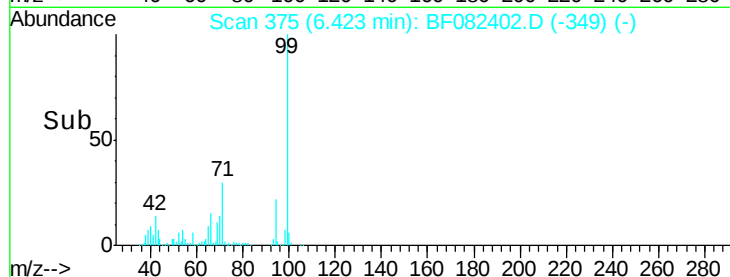
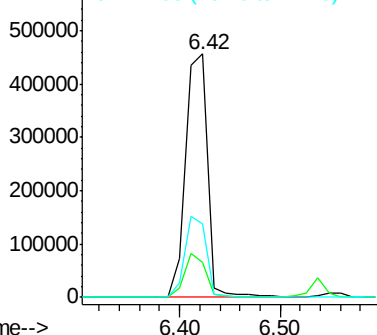
99 100

42 14.1 13.2 19.8

71 30.2 25.6 38.4



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 31.57 ng

RT: 6.56 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF082402.D

Acq: 21 Oct 2015 14:13

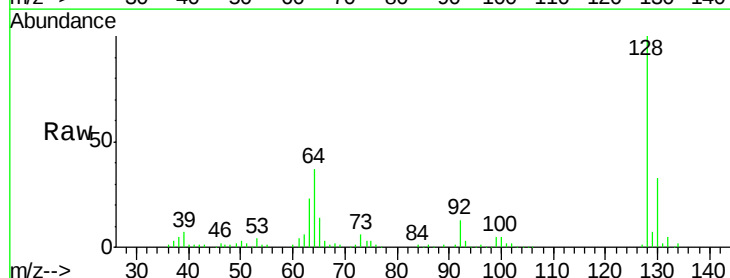
Tgt Ion: 128 Resp: 193607

Ion Ratio Lower Upper

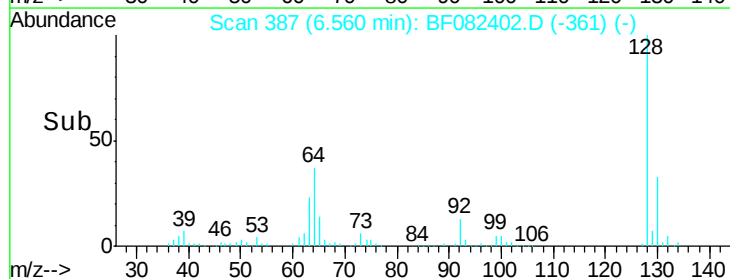
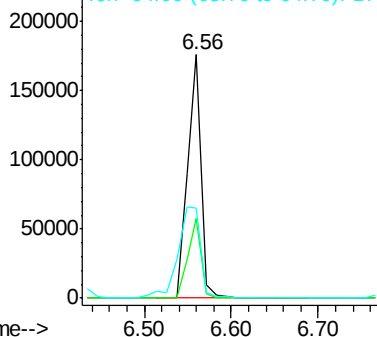
128 100

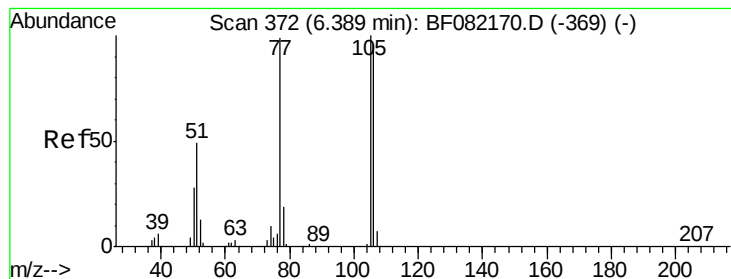
130 32.7 12.6 52.6

64 37.0 16.7 56.7



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: 24.23 ng

RT: 6.32 min Scan# 366

Delta R.T. -0.00 min

Lab File: BF082402.D

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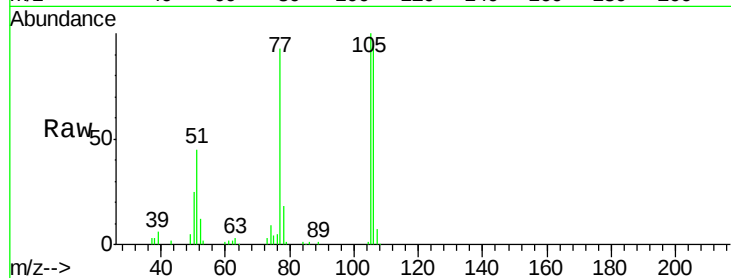
Tot Ion: 77 Resp: 80884

Ion Ratio Lower Upper

77 100

105 107.3 80.6 120.6

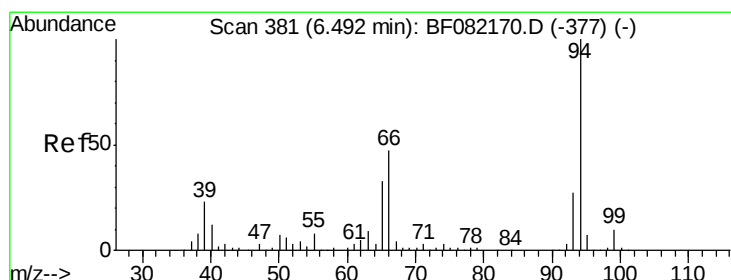
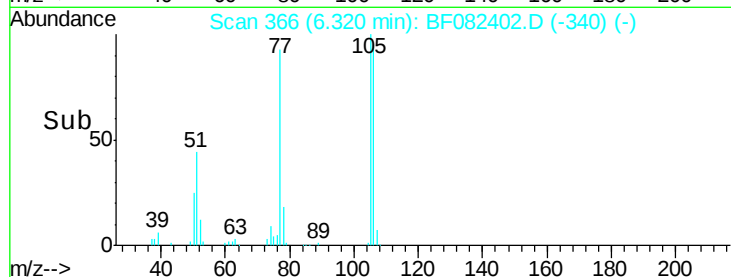
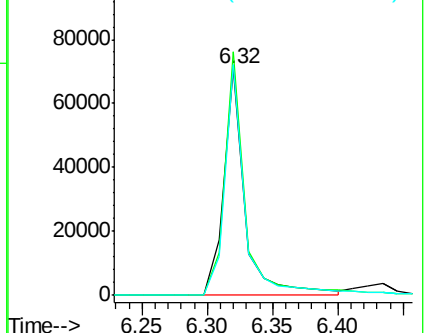
106 101.8 75.5 115.5



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 28.90 ng

RT: 6.43 min Scan# 376

Delta R.T. -0.00 min

Lab File: BF082402.D

Acq: 21 Oct 2015 14:13

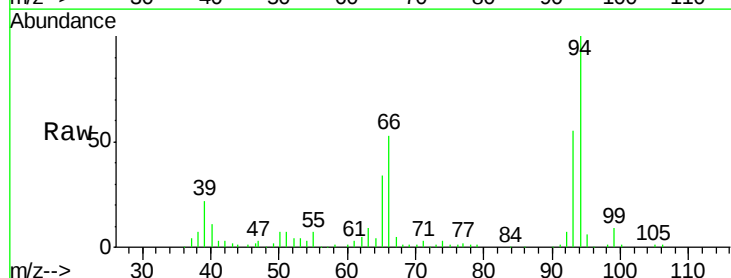
Tgt Ion: 94 Resp: 217850

Ion Ratio Lower Upper

94 100

65 34.3 12.6 52.6

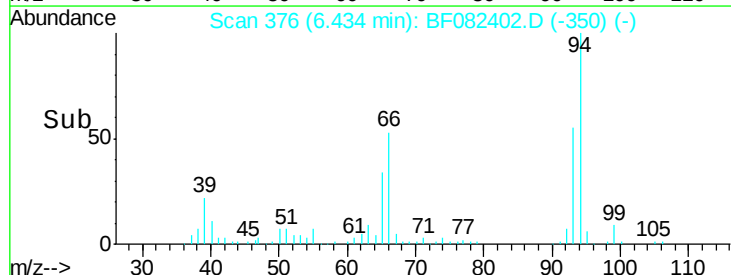
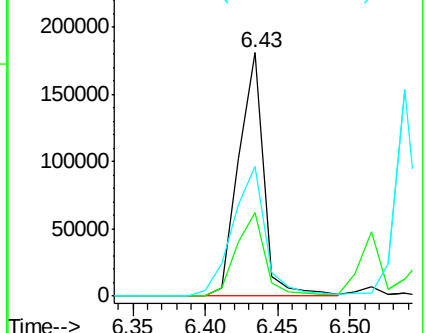
66 53.3 27.3 67.3

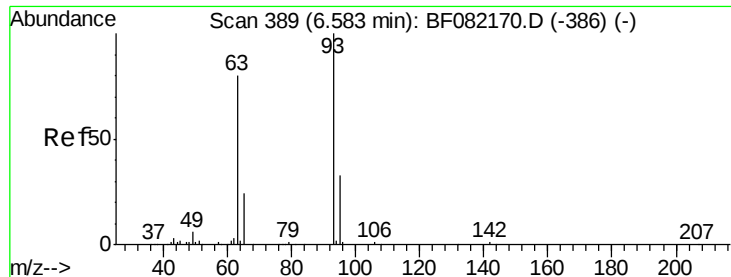


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 31.42 ng

RT: 6.51 min Scan# 383

Delta R.T. -0.00 min

Lab File: BF082402.D

Acq: 21 Oct 2015 14:13

Instrument :

BNA_F

ClientSampleId :

PB86203BS

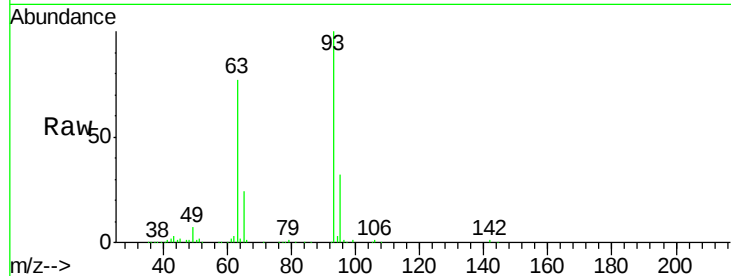
Tot Ion: 93 Resp: 200252

Ion Ratio Lower Upper

93 100

63 76.6 57.1 97.1

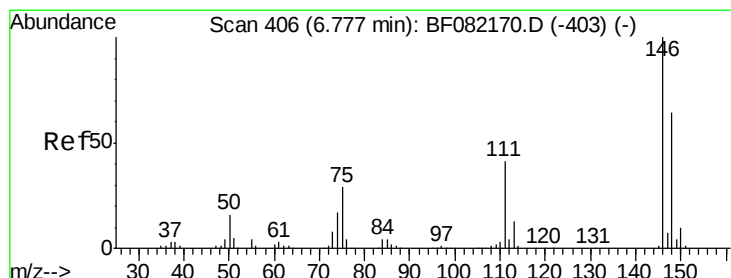
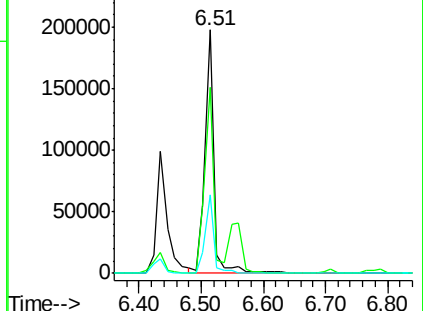
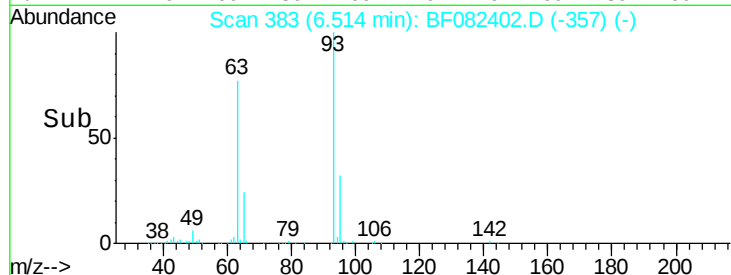
95 32.2 11.9 51.9



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 32.83 ng

RT: 6.71 min Scan# 400

Delta R.T. -0.00 min

Lab File: BF082402.D

Acq: 21 Oct 2015 14:13

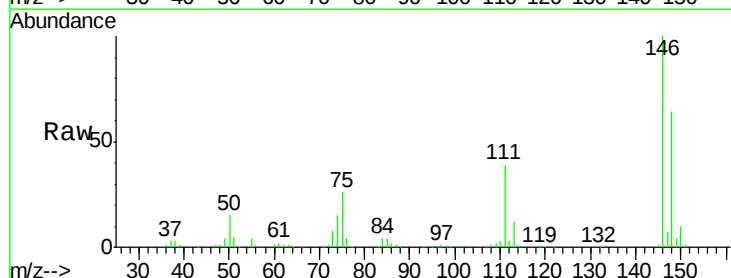
Tgt Ion: 146 Resp: 234477

Ion Ratio Lower Upper

146 100

148 63.8 51.4 77.2

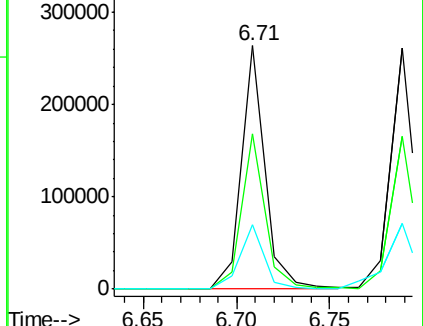
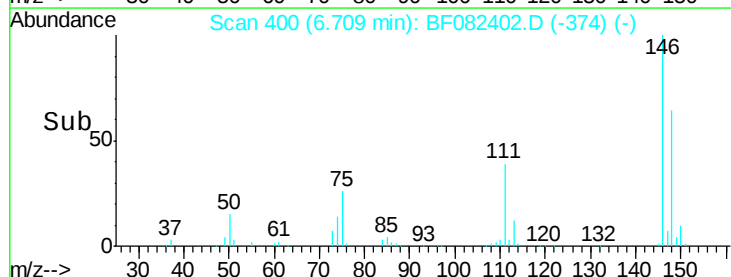
75 26.3 23.0 34.6

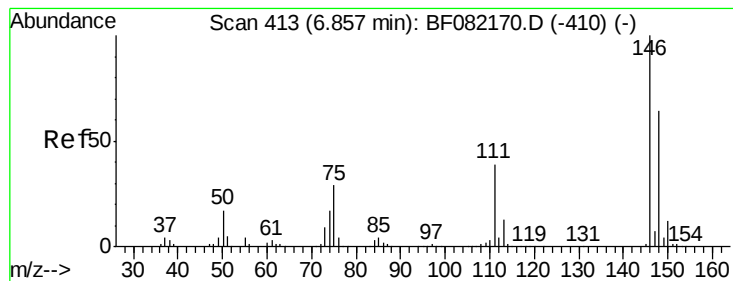


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 32.01 ng

RT: 6.79 min Scan# 407

Delta R.T. -0.00 min

Lab File: BF082402.D

Acq: 21 Oct 2015 14:13

Instrument :

BNA_F

ClientSampleId :

PB86203BS

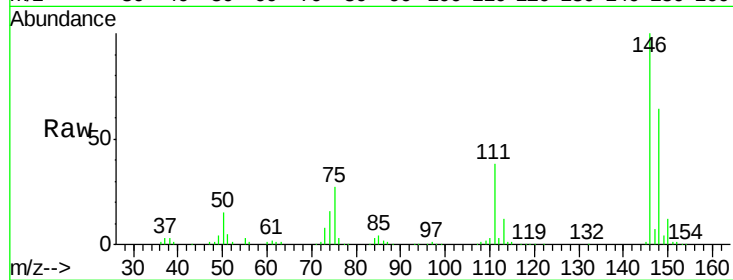
Tot Ion:146 Resp: 238737

Ion Ratio Lower Upper

146 100

148 63.6 51.0 76.4

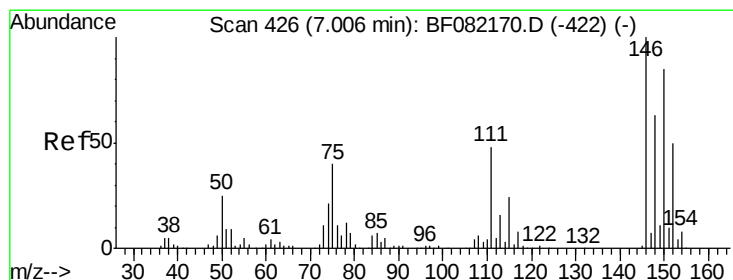
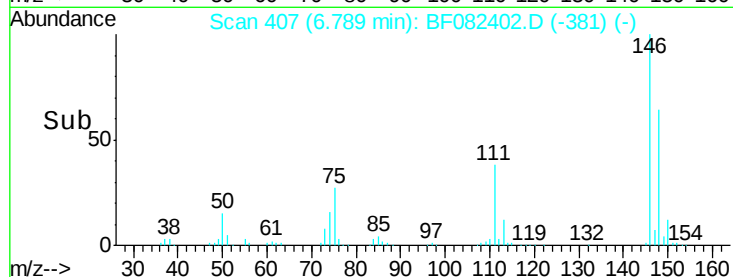
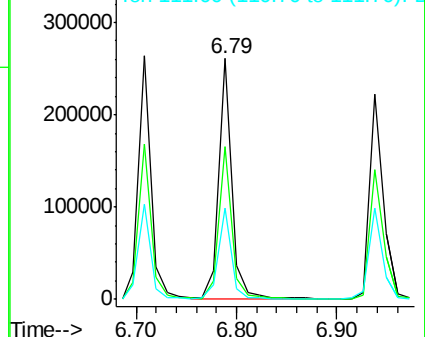
111 38.1 31.1 46.7



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: 30.62 ng

RT: 6.94 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF082402.D

Acq: 21 Oct 2015 14:13

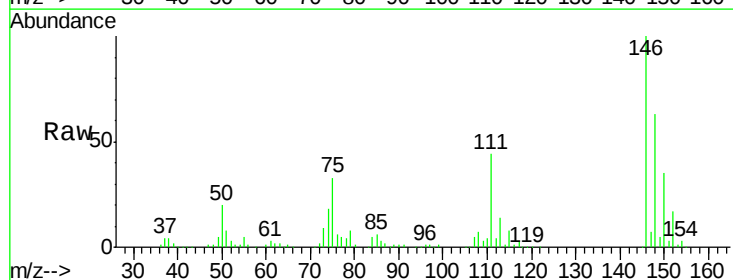
Tgt Ion:146 Resp: 216830

Ion Ratio Lower Upper

146 100

148 63.5 50.5 75.7

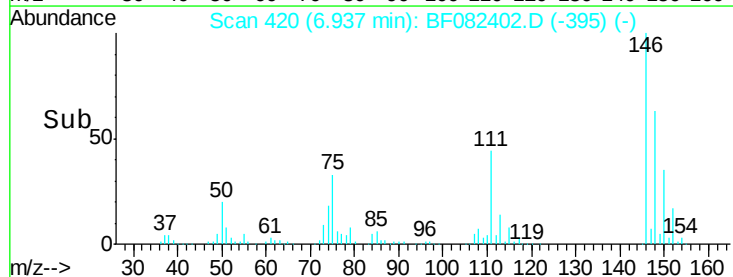
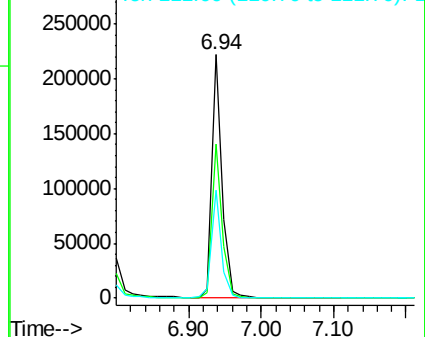
111 44.3 38.5 57.7

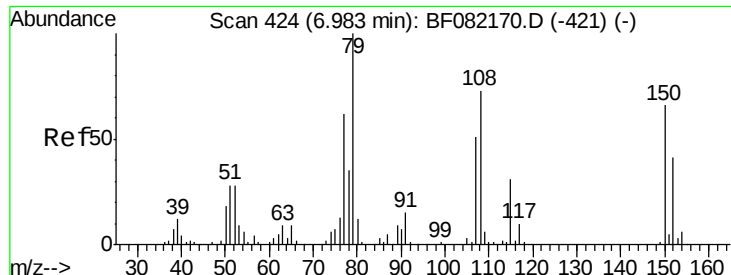


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

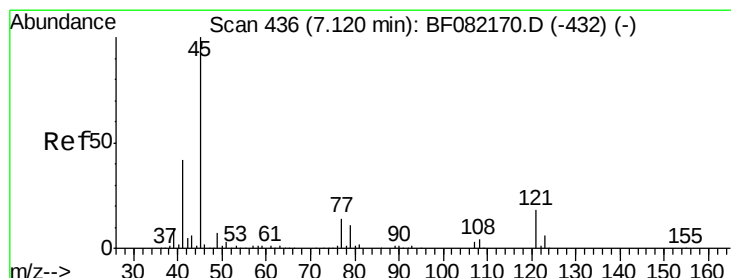
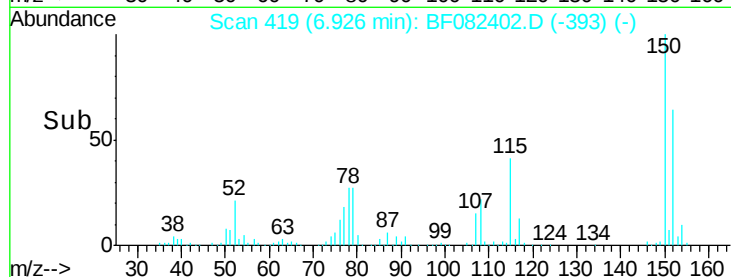
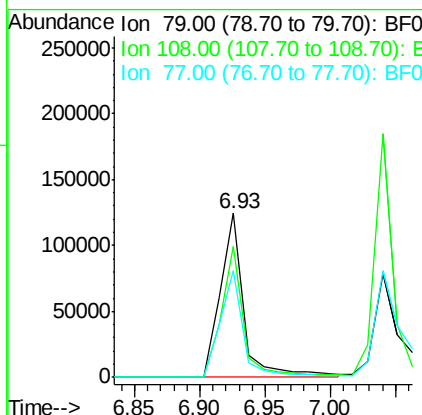
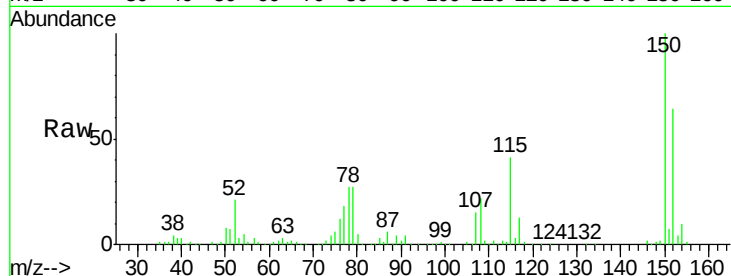




#15
Benzyl Alcohol
Concen: 34.91 ng
RT: 6.93 min Scan# 419
Delta R.T. -0.00 min
Lab File: BF082402.D
Acq: 21 Oct 2015 14:13

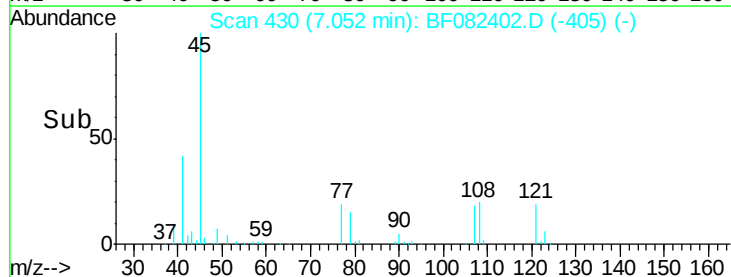
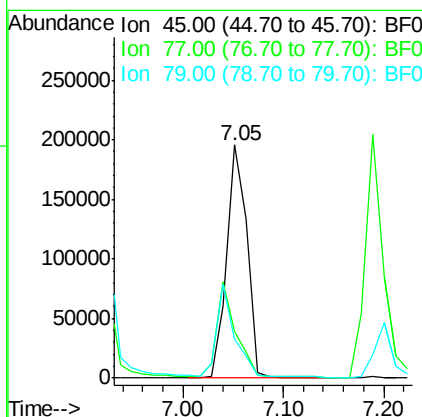
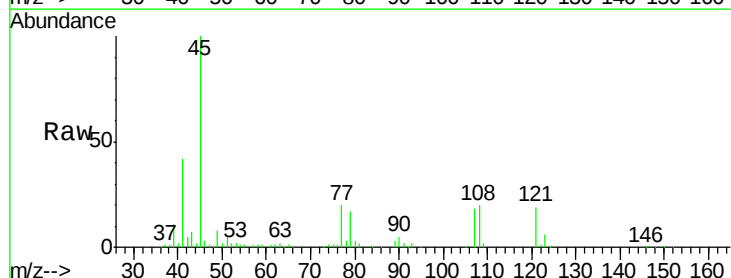
Instrument :
BNA_F
ClientSampleID :
PB86203BS

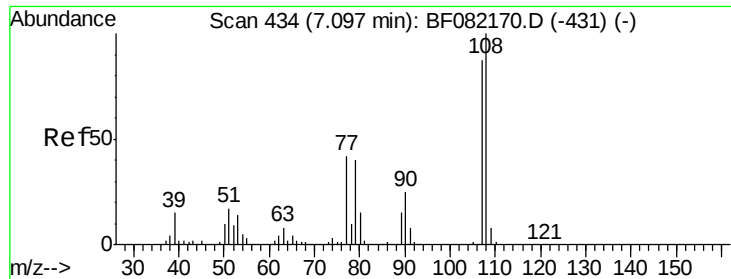
Tot Ion: 79 Resp: 157521
Ion Ratio Lower Upper
79 100
108 79.8 58.4 87.6
77 64.8 49.8 74.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 30.92 ng
RT: 7.05 min Scan# 430
Delta R.T. -0.01 min
Lab File: BF082402.D
Acq: 21 Oct 2015 14:13

Tgt Ion: 45 Resp: 274397
Ion Ratio Lower Upper
45 100
77 20.2 0.0 34.5
79 16.6 0.0 31.6

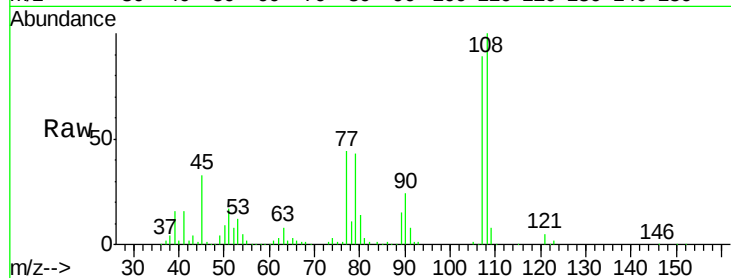




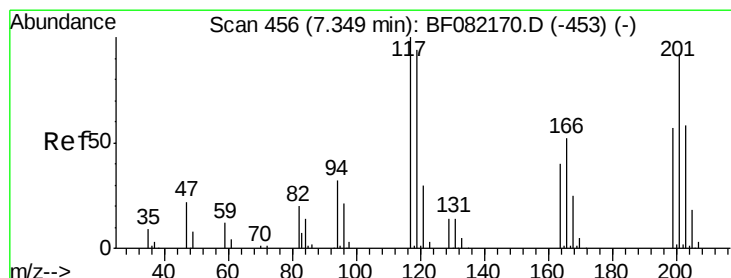
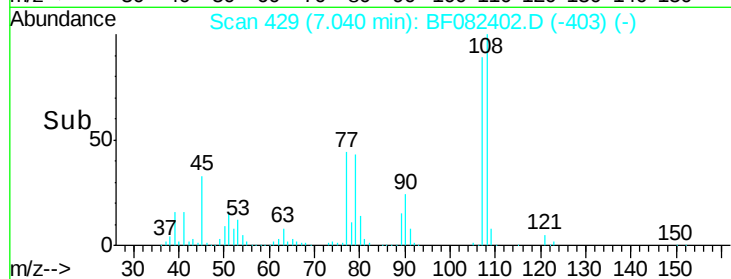
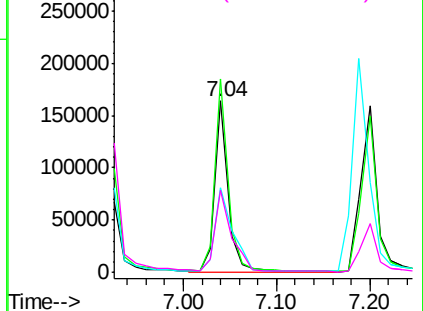
#17
2-Methylphenol
Concen: 33.16 ng
RT: 7.04 min Scan# 429
Delta R.T. -0.00 min
Lab File: BF082402.D
Acq: 21 Oct 2015 14:13

Instrument :
BNA_F
ClientSampleId :
PB86203BS

Tot Ion:	107	Resp:	160783
Ion	Ratio	Lower	Upper
107	100		
108	112.8	92.2	138.2
77	49.5	39.6	59.4
79	48.0	38.2	57.4

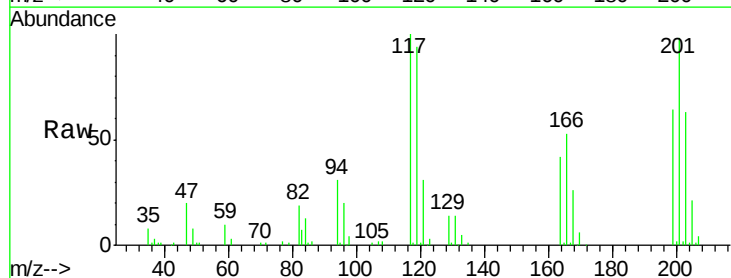


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

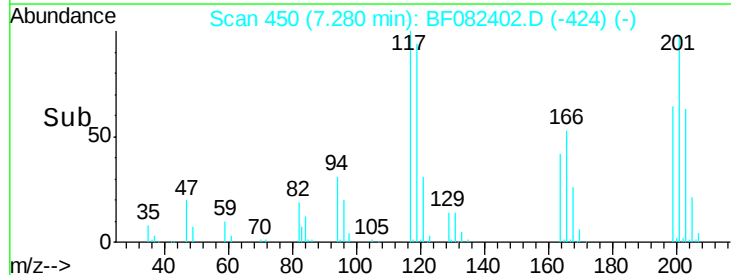
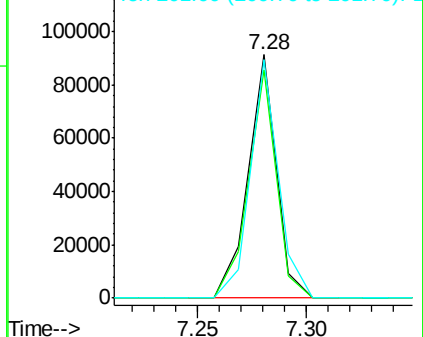


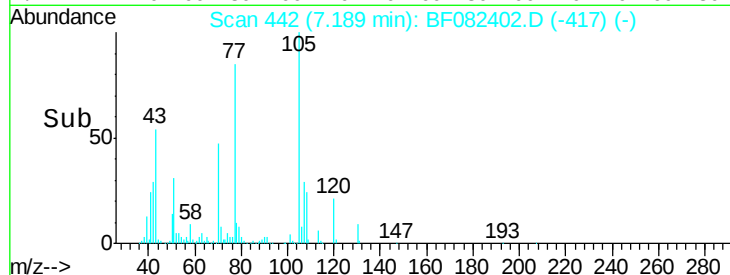
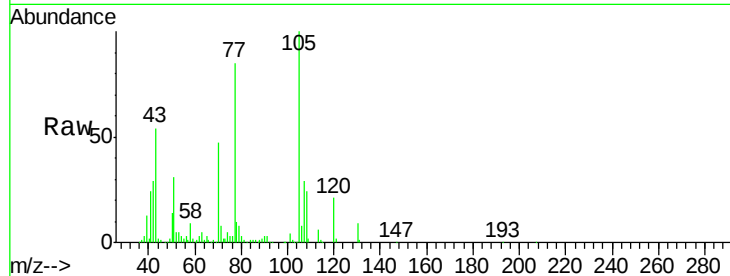
#18
Hexachloroethane
Concen: 32.19 ng
RT: 7.28 min Scan# 450
Delta R.T. -0.00 min
Lab File: BF082402.D
Acq: 21 Oct 2015 14:13

Tgt Ion:	117	Resp:	82170
Ion	Ratio	Lower	Upper
117	100		
119	93.8	75.4	113.2
201	97.8	73.4	110.0



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

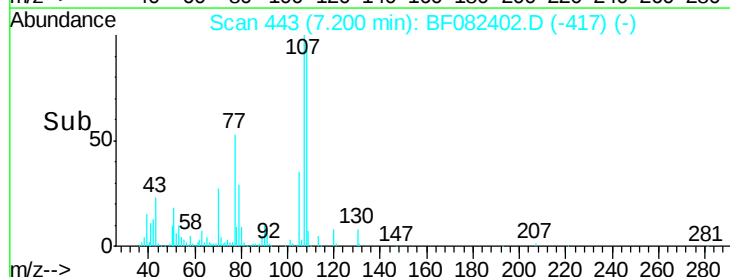
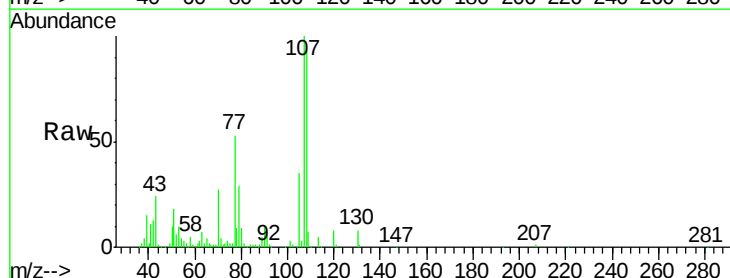
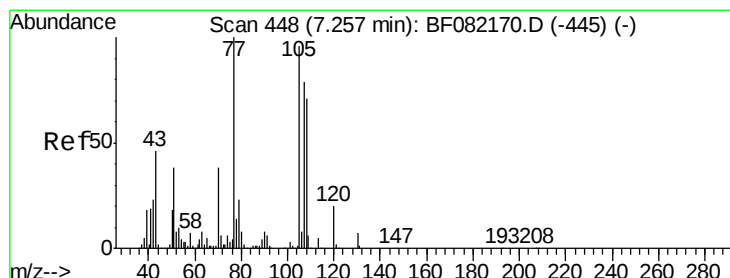
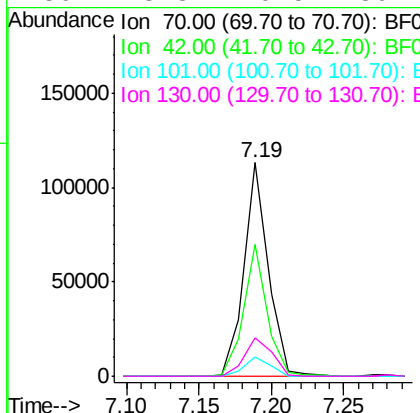




#19
n-Nitroso-di-n-propylamine
Concen: 28.60 ng
RT: 7.19 min Scan# 442
Delta R.T. -0.01 min
Lab File: BF082402.D
Acq: 21 Oct 2015 14:13

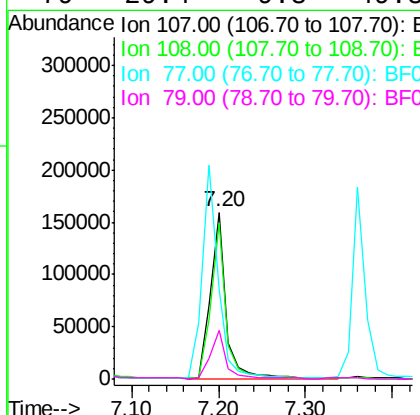
Instrument :
BNA_F
ClientSampleId :
PB86203BS

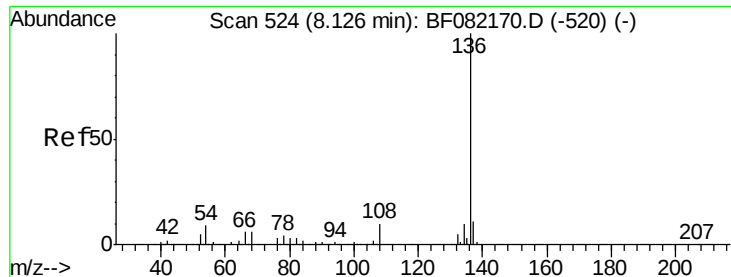
Tot Ion: 70 Resp: 131288
Ion Ratio Lower Upper
70 100
42 61.5 39.8 59.8#
101 9.1 8.6 13.0
130 18.3 20.5 30.7#



#20
3+4-Methylphenols
Concen: 34.44 ng
RT: 7.20 min Scan# 443
Delta R.T. -0.00 min
Lab File: BF082402.D
Acq: 21 Oct 2015 14:13

Tgt Ion: 107 Resp: 199016
Ion Ratio Lower Upper
107 100
108 93.3 69.9 109.9
77 53.5 106.0 146.0#
79 29.4 9.8 49.8

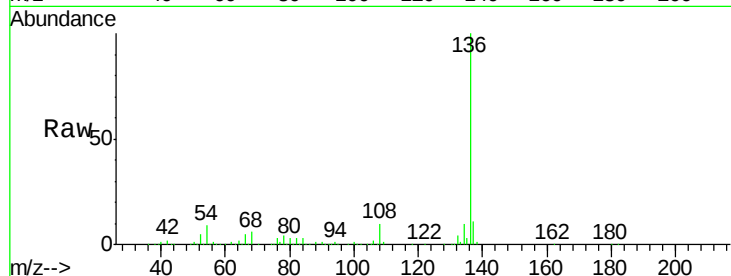




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF082402.D
Acq: 21 Oct 2015 14:13

Instrument :
BNA_F
ClientSampleId :
PB86203BS

Tot Ion:136	Resp:	392200	
Ion Ratio	Lower	Upper	
136 100			
137 11.1	9.0	13.6	
54 9.4	7.5	11.3	
68 5.8	4.6	7.0	



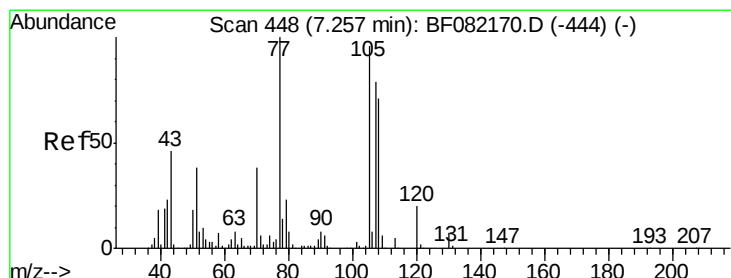
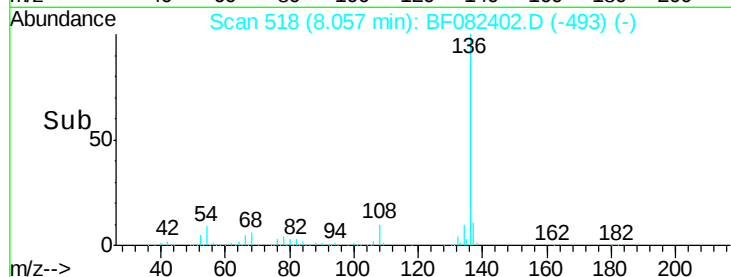
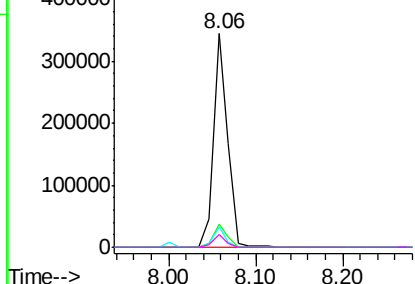
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

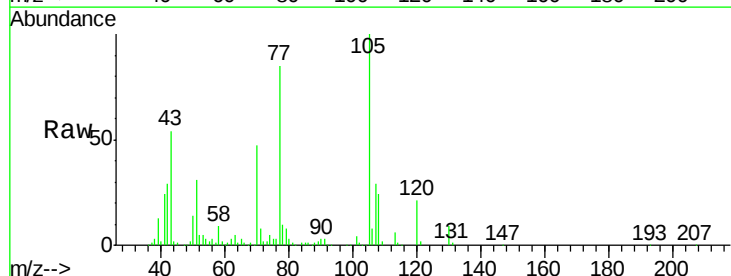
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 34.15 ng
RT: 7.19 min Scan# 442
Delta R.T. -0.01 min
Lab File: BF082402.D
Acq: 21 Oct 2015 14:13

Tgt	Ion:105	Resp:	264925
Ion	Ratio	Lower	Upper
105	100		
71	7.9	5.4	8.0
51	31.2	31.8	47.6#
120	21.3	16.3	24.5



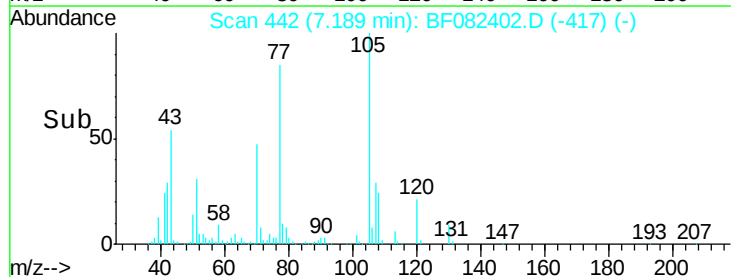
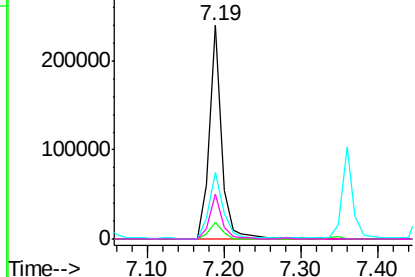
Abundance

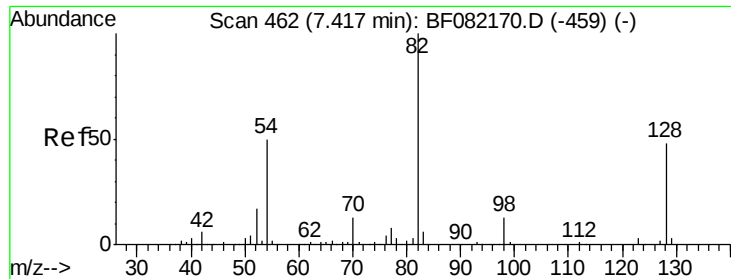
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

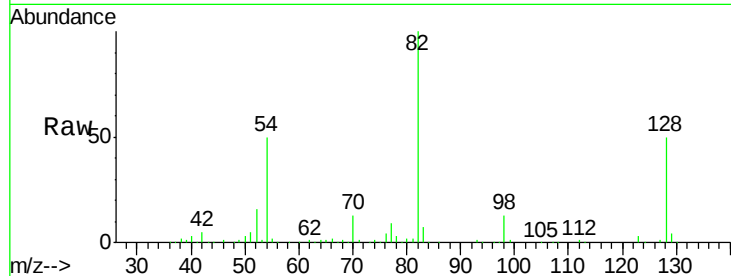




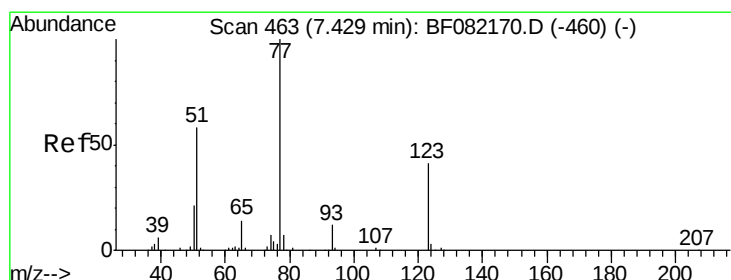
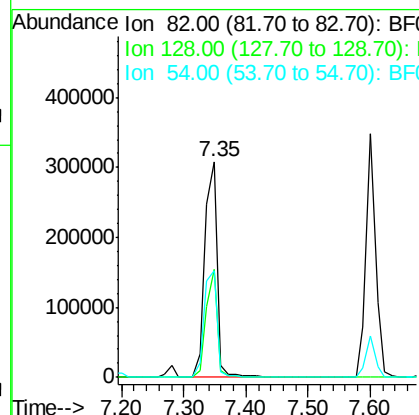
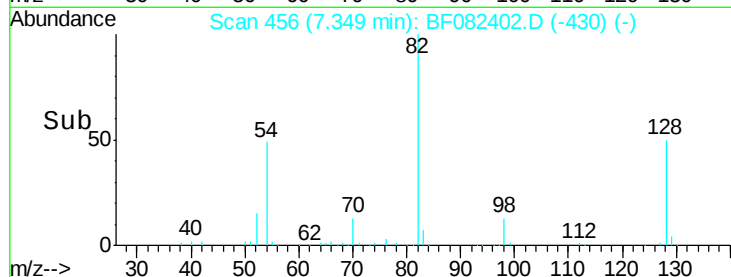
#23
 Nitrobenzene-d5
 Concen: 74.09 ng
 RT: 7.35 min Scan# 456
 Delta R.T. -0.00 min
 Lab File: BF082402.D
 Acq: 21 Oct 2015 14:13

Instrument :
 BNA_F
 ClientSampleId :
 PB86203BS

Tot Ion: 82 Resp: 432707
 Ion Ratio Lower Upper
 82 100
 128 50.3 38.7 58.1
 54 49.6 40.1 60.1

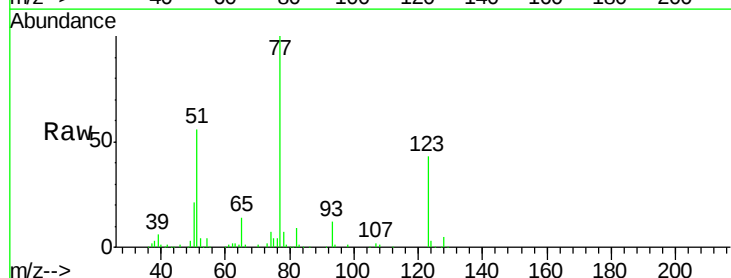


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

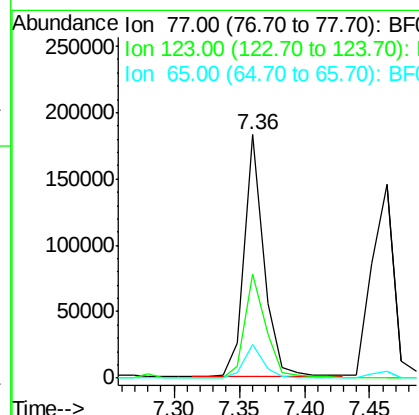
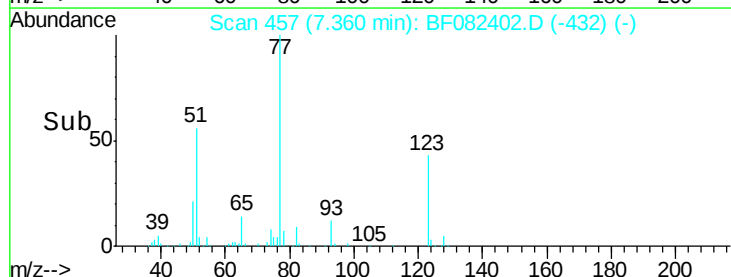


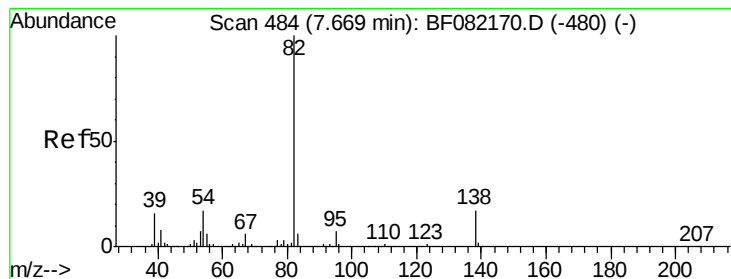
#24
 Nitrobenzene
 Concen: 30.23 ng
 RT: 7.36 min Scan# 457
 Delta R.T. -0.01 min
 Lab File: BF082402.D
 Acq: 21 Oct 2015 14:13

Tgt Ion: 77 Resp: 191129
 Ion Ratio Lower Upper
 77 100
 123 43.0 33.0 49.4
 65 14.1 11.2 16.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 31.21 ng

RT: 7.60 min Scan# 478

Delta R.T. -0.01 min

Lab File: BF082402.D

Acq: 21 Oct 2015 14:13

Instrument :

BNA_F

ClientSampleId :

PB86203BS

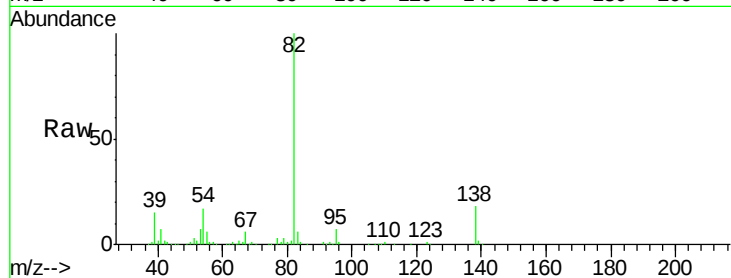
Tot Ion: 82 Resp: 367848

Ion Ratio Lower Upper

82 100

95 6.9 5.6 8.4

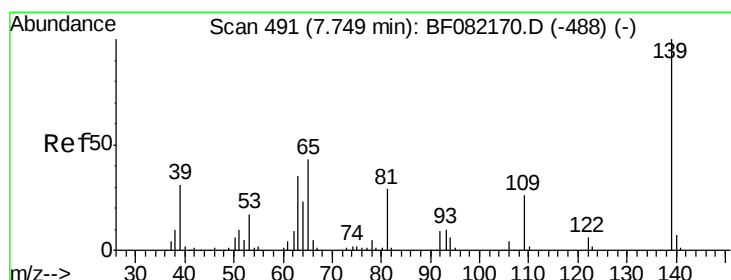
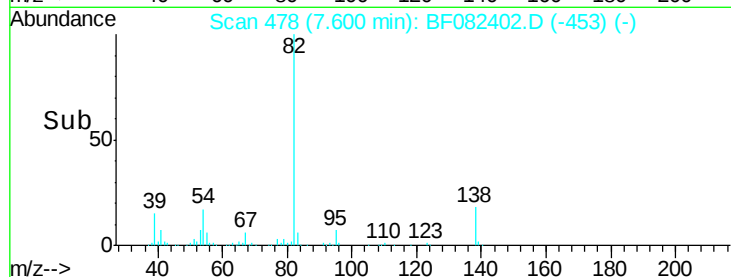
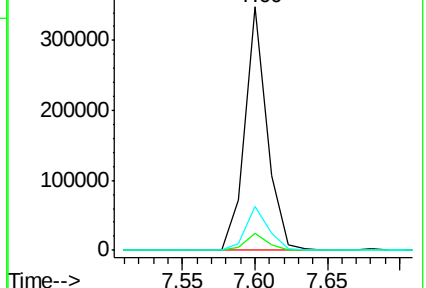
138 18.2 13.6 20.4



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: 34.72 ng

RT: 7.68 min Scan# 485

Delta R.T. -0.00 min

Lab File: BF082402.D

Acq: 21 Oct 2015 14:13

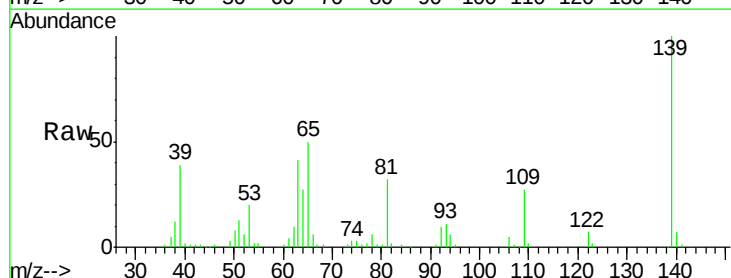
Tgt Ion: 139 Resp: 109597

Ion Ratio Lower Upper

139 100

109 27.3 20.6 31.0

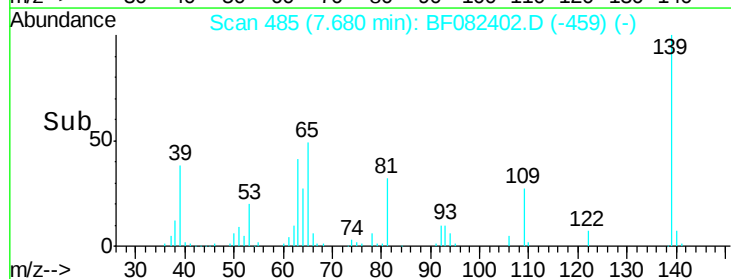
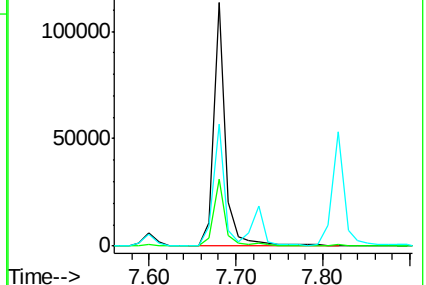
65 50.1 34.3 51.5



Abundance Ion 139.00 (138.70 to 139.70): BF0

Ion 109.00 (108.70 to 109.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 37.50 ng

RT: 7.73 min Scan# 489

Delta R.T. -0.00 min

Lab File: BF082402.D

Acq: 21 Oct 2015 14:13

Instrument :

BNA_F

ClientSampleId :

PB86203BS

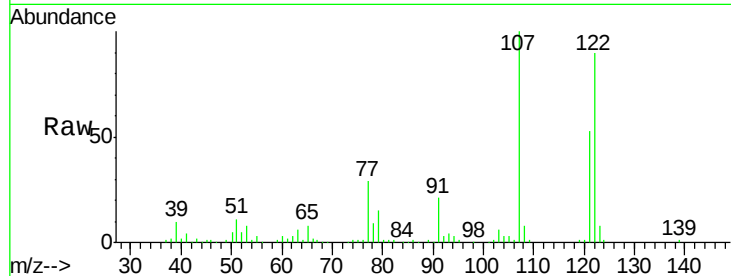
Tot Ion:122 Resp: 190722

Ion Ratio Lower Upper

122 100

107 111.5 94.0 141.0

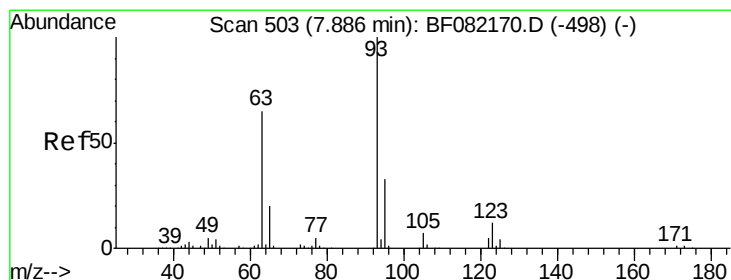
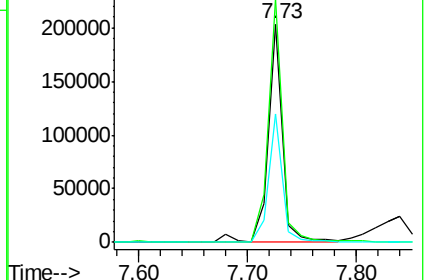
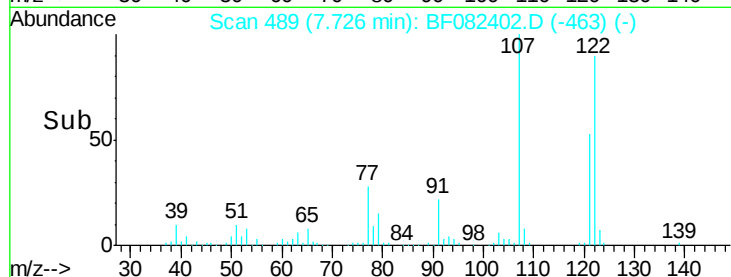
121 58.6 46.8 70.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 34.66 ng

RT: 7.82 min Scan# 497

Delta R.T. -0.01 min

Lab File: BF082402.D

Acq: 21 Oct 2015 14:13

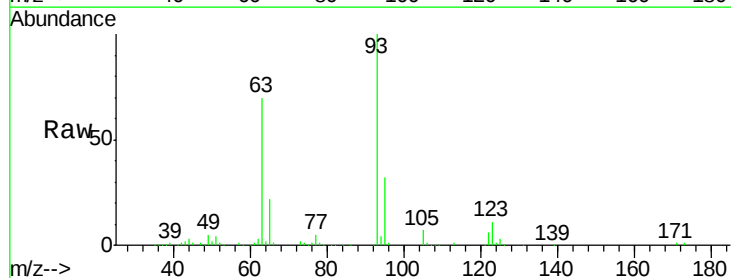
Tgt Ion: 93 Resp: 237729

Ion Ratio Lower Upper

93 100

95 32.4 26.6 39.8

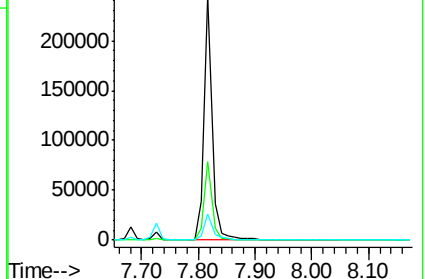
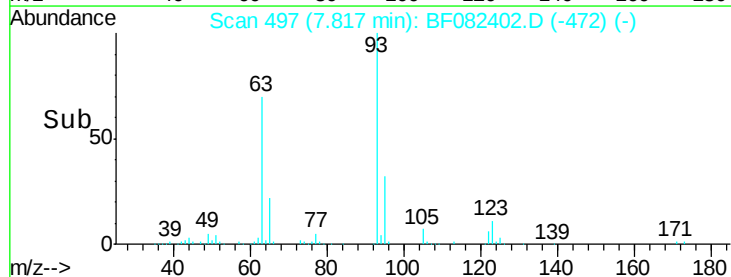
123 10.6 9.5 14.3

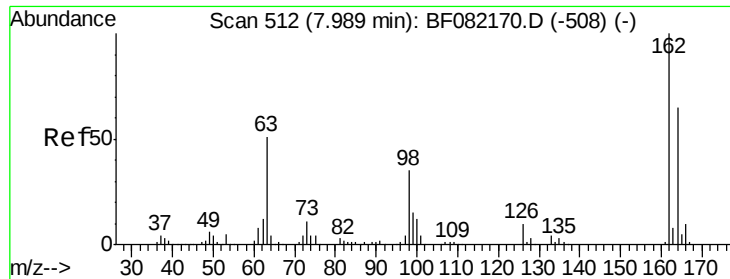


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

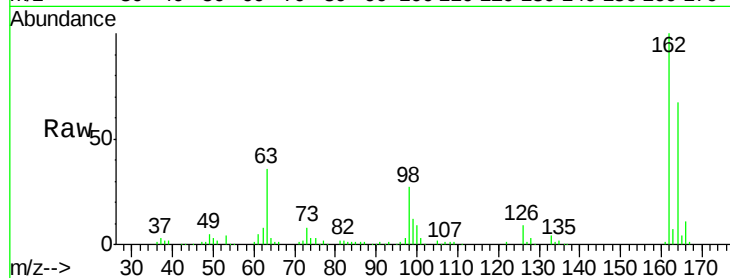




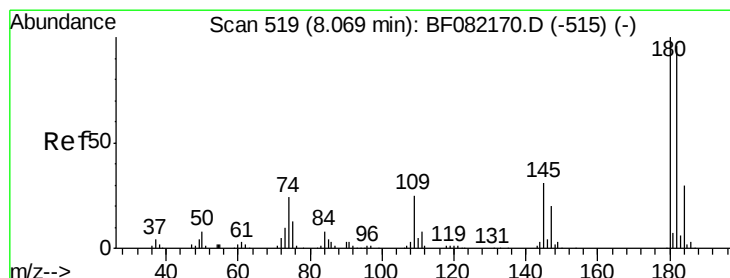
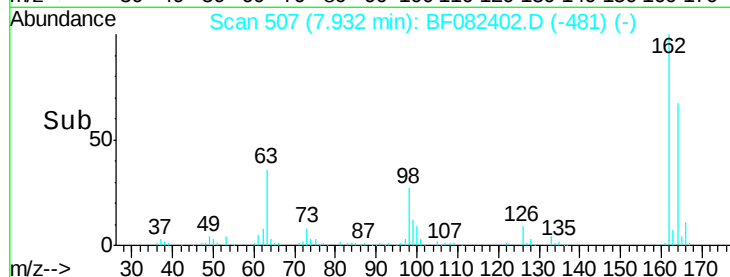
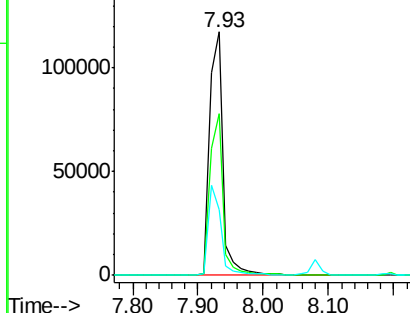
#29
 2,4-Dichlorophenol
 Concen: 33.54 ng
 RT: 7.93 min Scan# 507
 Delta R.T. -0.00 min
 Lab File: BF082402.D
 Acq: 21 Oct 2015 14:13

Instrument :
 BNA_F
 ClientSampleId :
 PB86203BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.6	44.6	84.6
98	27.2	15.0	55.0

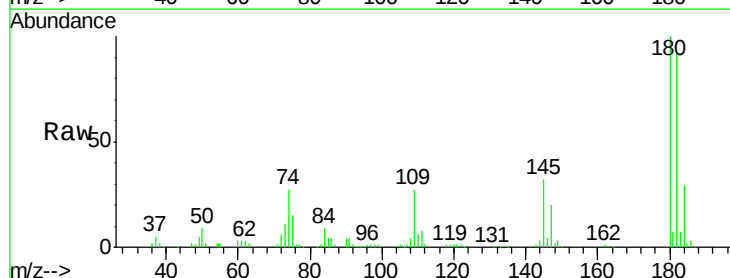


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

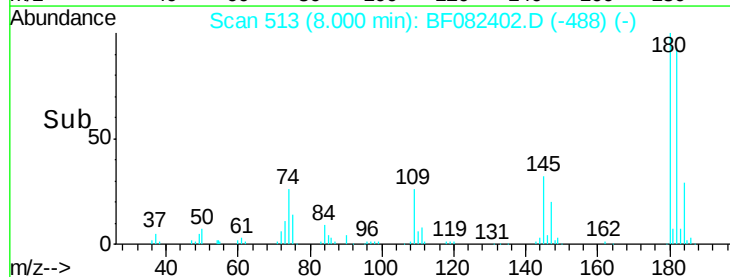
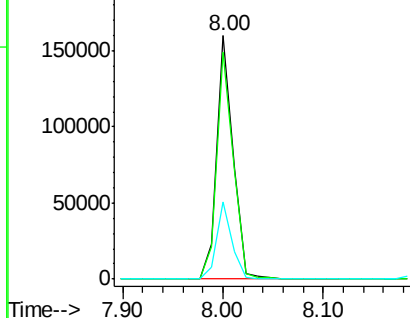


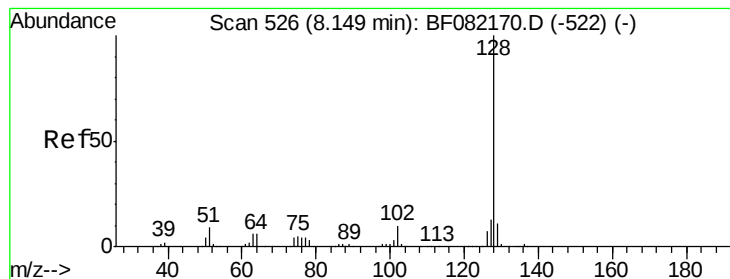
#30
 1,2,4-Trichlorobenzene
 Concen: 30.88 ng
 RT: 8.00 min Scan# 513
 Delta R.T. -0.01 min
 Lab File: BF082402.D
 Acq: 21 Oct 2015 14:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.1	77.0	115.4
145	31.8	25.0	37.4



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: 32.08 ng

RT: 8.08 min Scan# 520

Delta R.T. -0.01 min

Lab File: BF082402.D

Acq: 21 Oct 2015 14:13

Instrument :

BNA_F

ClientSampleId :

PB86203BS

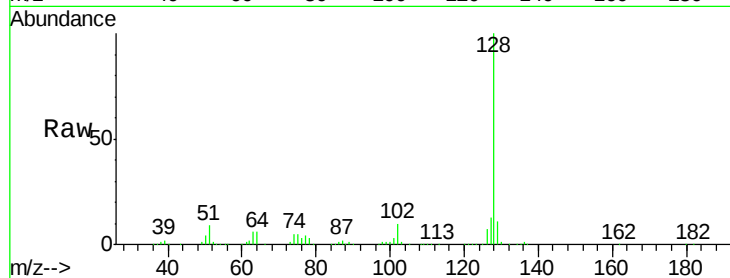
Tot Ion:128 Resp: 545409

Ion Ratio Lower Upper

128 100

129 11.5 9.1 13.7

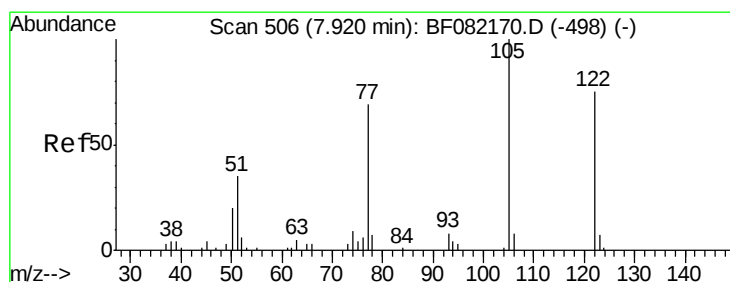
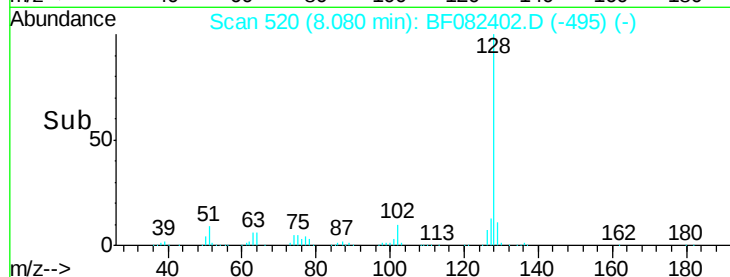
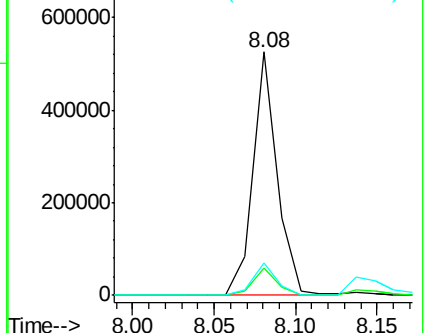
127 13.3 10.7 16.1



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: 18.98 ng

RT: 7.84 min Scan# 499

Delta R.T. -0.02 min

Lab File: BF082402.D

Acq: 21 Oct 2015 14:13

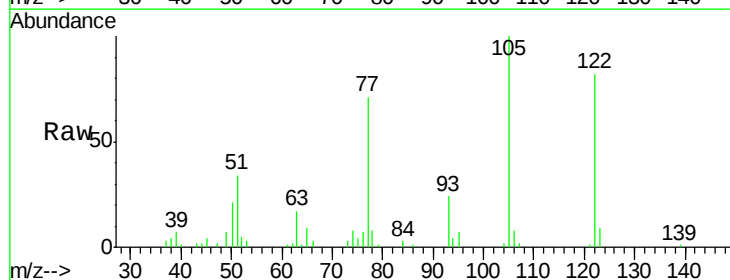
Tgt Ion:122 Resp: 64798

Ion Ratio Lower Upper

122 100

105 121.3 104.4 144.4

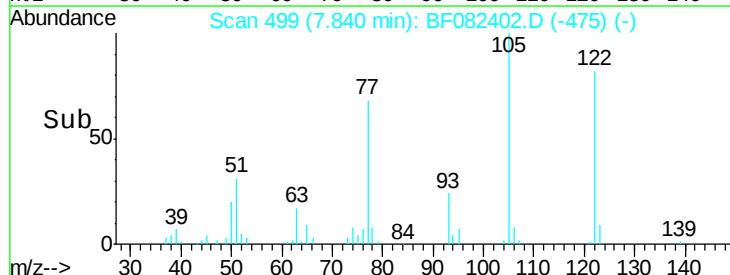
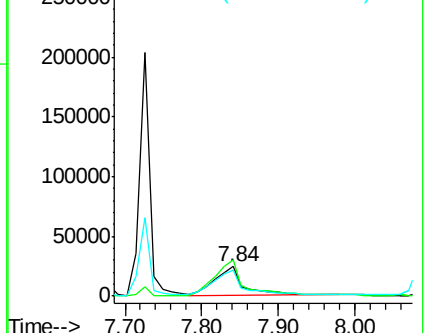
77 85.9 69.0 109.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

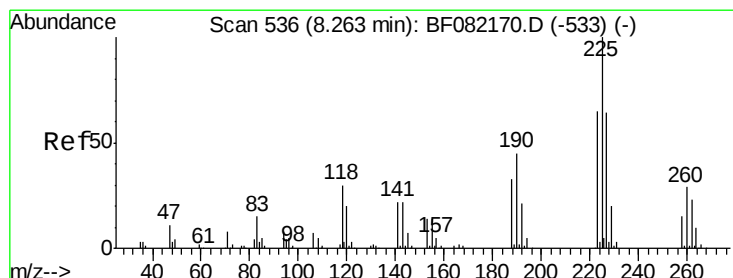
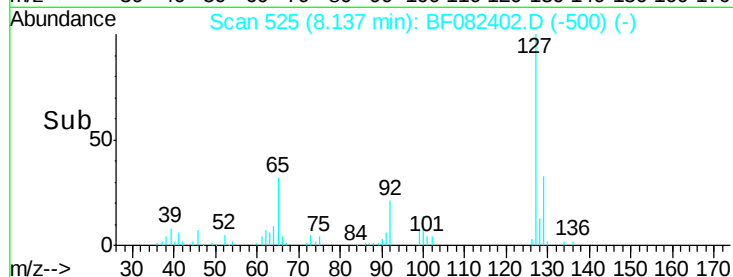
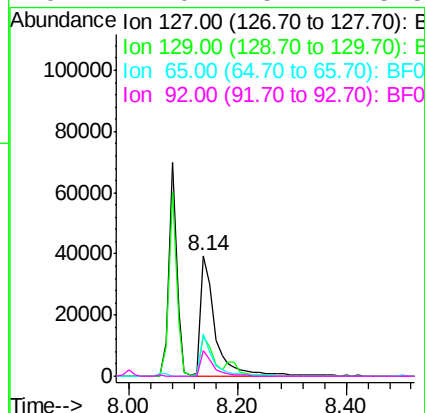
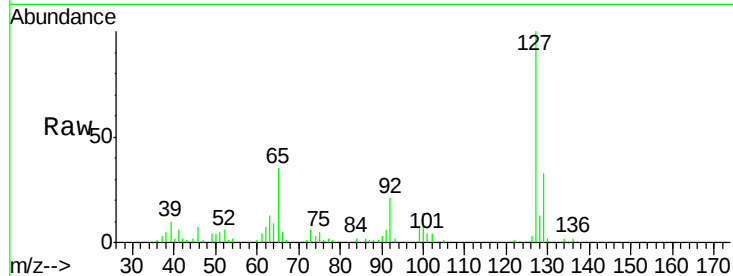




#33
4-Chloroaniline
Concen: 10.49 ng
RT: 8.14 min Scan# 525
Delta R.T. -0.01 min
Lab File: BF082402.D
Acq: 21 Oct 2015 14:13

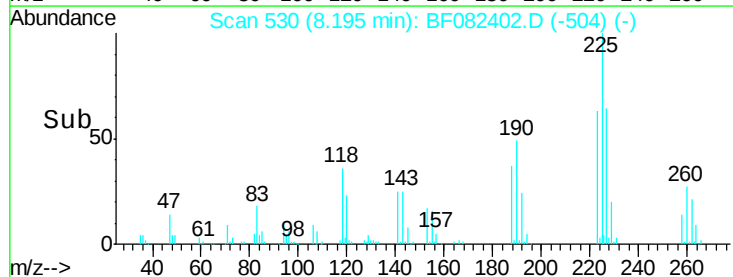
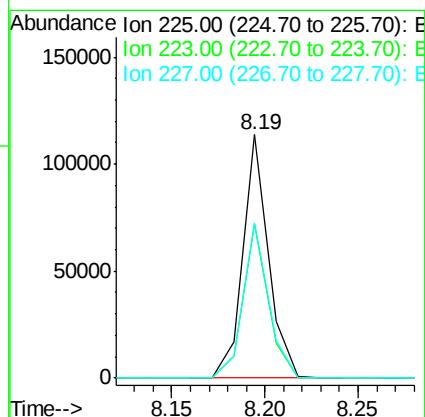
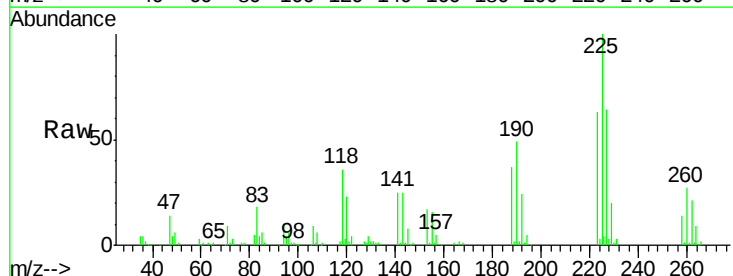
Instrument :
BNA_F
ClientSampleId :
PB86203BS

Tot Ion:127 Resp: 74072
Ion Ratio Lower Upper
127 100
129 33.2 26.3 39.5
65 35.2 24.4 36.6
92 21.0 15.7 23.5



#34
Hexachlorobutadiene
Concen: 29.56 ng
RT: 8.19 min Scan# 530
Delta R.T. -0.00 min
Lab File: BF082402.D
Acq: 21 Oct 2015 14:13

Tgt Ion:225 Resp: 107920
Ion Ratio Lower Upper
225 100
223 63.2 52.2 78.2
227 63.7 51.3 76.9





#35

Caprolactam

Concen: 32.80 ng

RT: 8.50 min Scan# 557

Delta R.T. -0.03 min

Lab File: BF082402.D

Acq: 21 Oct 2015 14:13

Instrument :

BNA_F

ClientSampleId :

PB86203BS

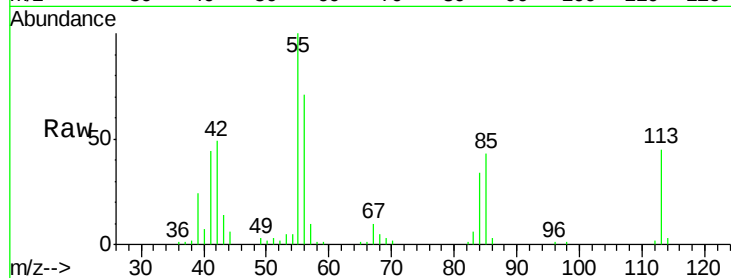
Tot Ion:113 Resp: 48391

Ion Ratio Lower Upper

113 100

55 224.1 149.7 189.7#

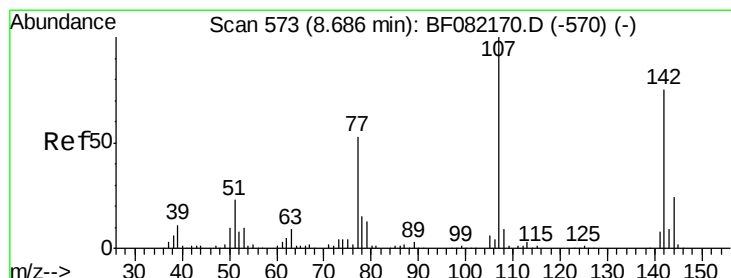
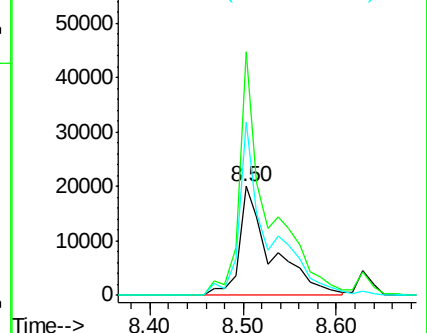
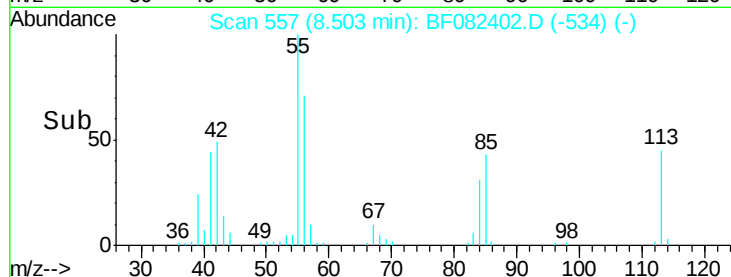
56 159.5 105.4 145.4#



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: 34.01 ng

RT: 8.63 min Scan# 568

Delta R.T. -0.01 min

Lab File: BF082402.D

Acq: 21 Oct 2015 14:13

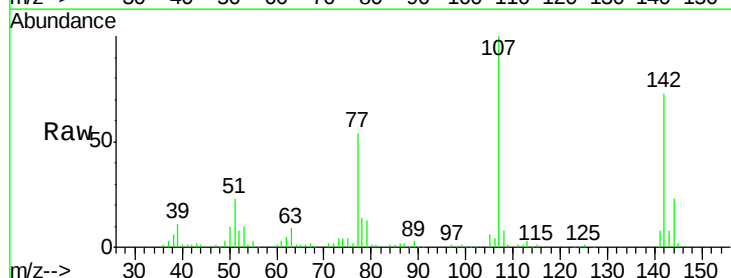
Tgt Ion:107 Resp: 169062

Ion Ratio Lower Upper

107 100

144 23.2 19.3 28.9

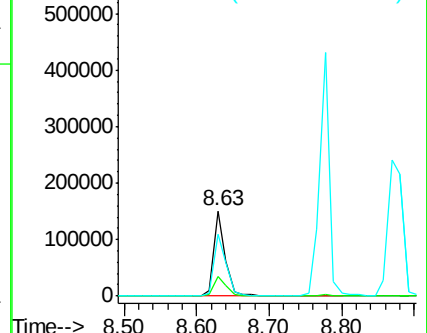
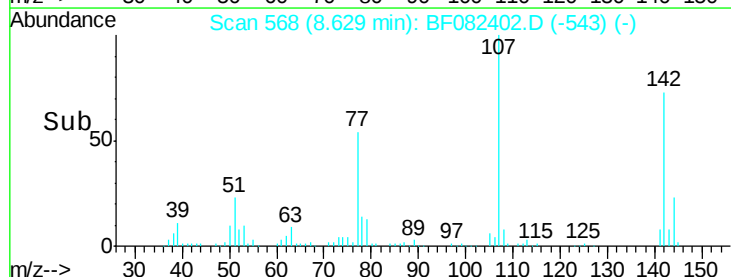
142 73.1 59.9 89.9

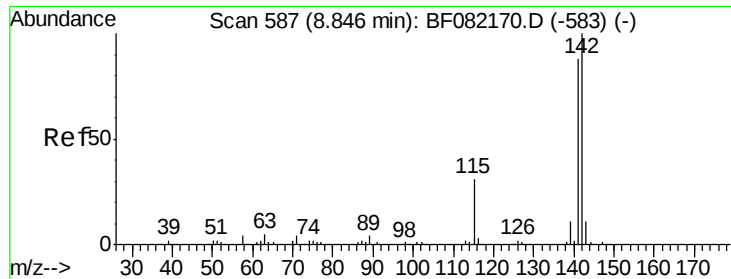


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

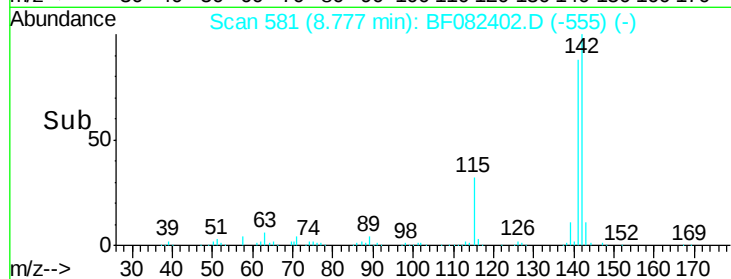
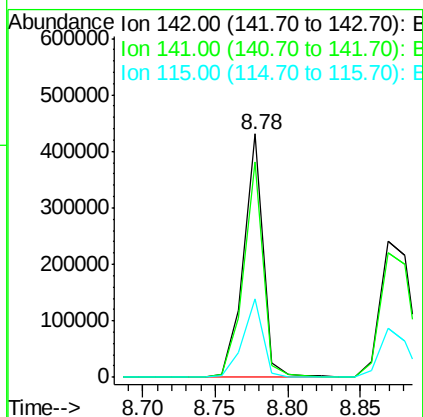
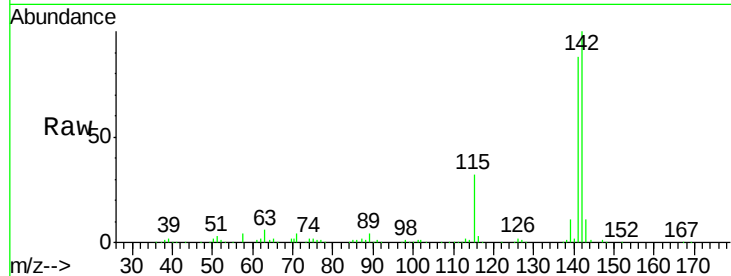




#37
2-Methylnaphthalene
Concen: 34.36 ng
RT: 8.78 min Scan# 581
Delta R.T. -0.00 min
Lab File: BF082402.D
Acq: 21 Oct 2015 14:13

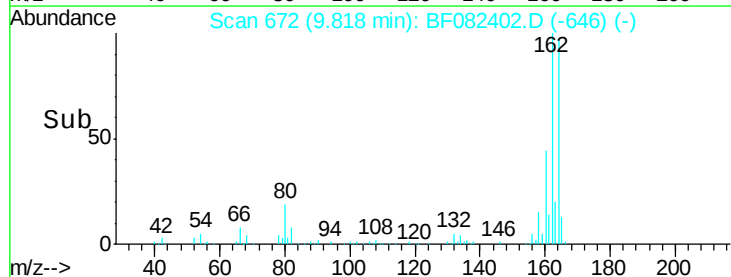
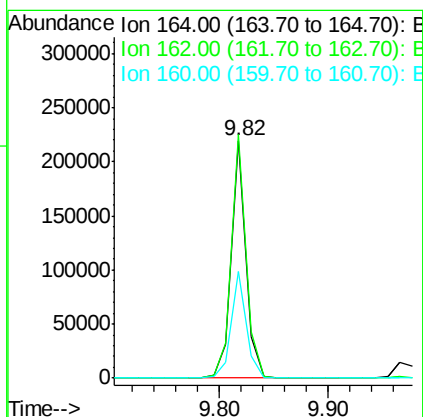
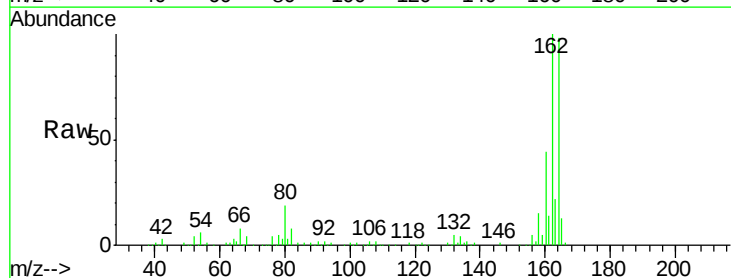
Instrument :
BNA_F
ClientSampled :
PB86203BS

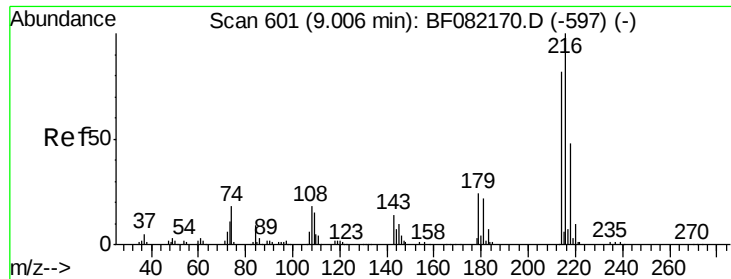
Tot Ion:142 Resp: 404930
Ion Ratio Lower Upper
142 100
141 88.4 70.4 105.6
115 32.1 24.6 37.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 672
Delta R.T. -0.00 min
Lab File: BF082402.D
Acq: 21 Oct 2015 14:13

Tgt Ion:164 Resp: 202410
Ion Ratio Lower Upper
164 100
162 102.4 81.6 122.4
160 44.8 36.4 54.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 30.13 ng

RT: 8.94 min Scan# 595

Delta R.T. -0.01 min

Lab File: BF082402.D

Acq: 21 Oct 2015 14:13

Instrument :

BNA_F

ClientSampleId :

PB86203BS

Tot Ion:216 Resp: 181420

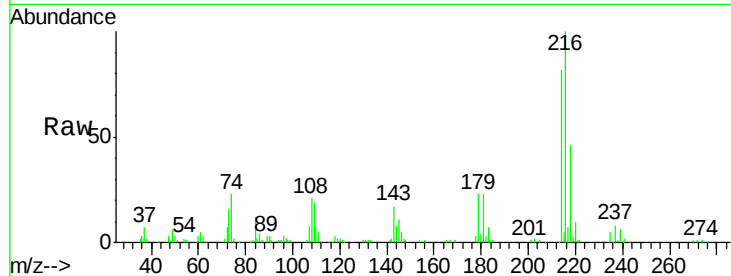
Ion Ratio Lower Upper

216 100

214 79.1 64.6 97.0

179 20.2 17.6 26.4

108 18.2 14.5 21.7

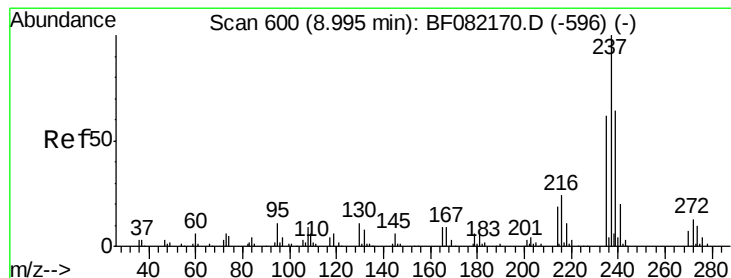
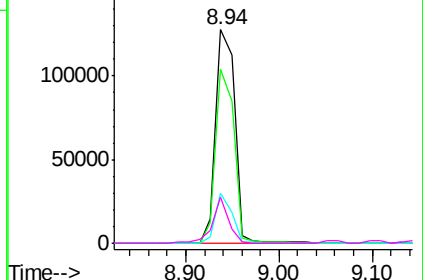
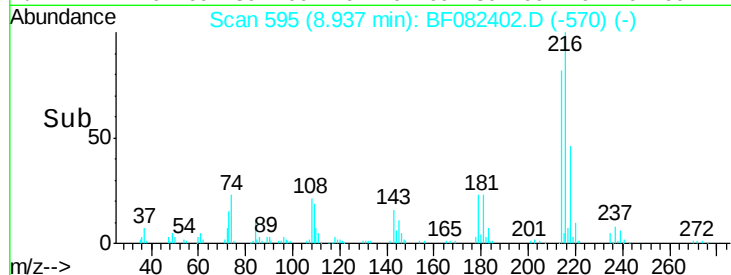


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 50.16 ng

RT: 8.93 min Scan# 594

Delta R.T. -0.00 min

Lab File: BF082402.D

Acq: 21 Oct 2015 14:13

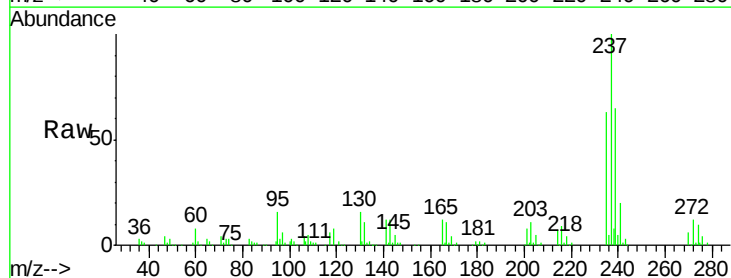
Tgt Ion:237 Resp: 142268

Ion Ratio Lower Upper

237 100

235 62.9 41.7 81.7

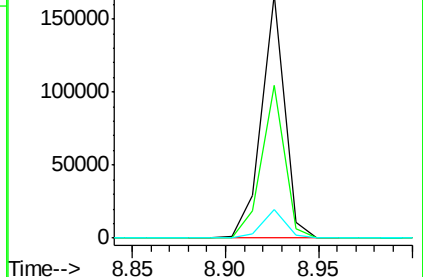
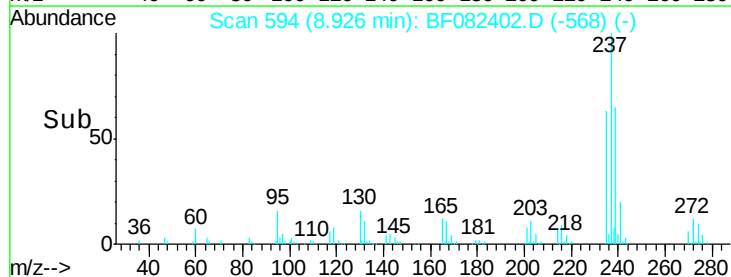
272 11.7 0.0 32.8

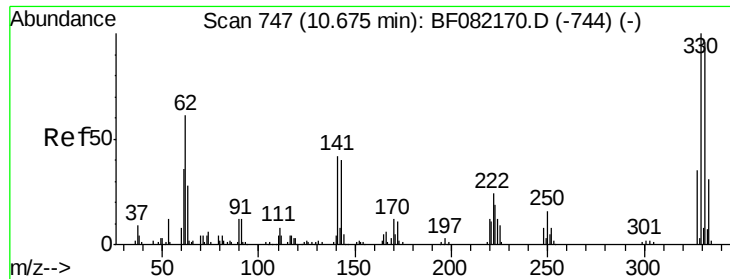


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

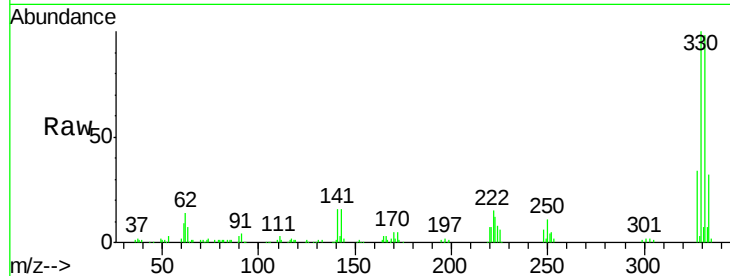




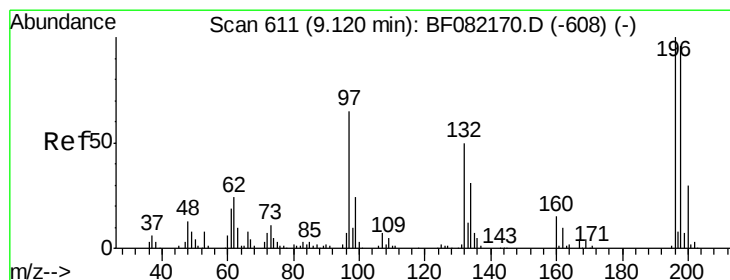
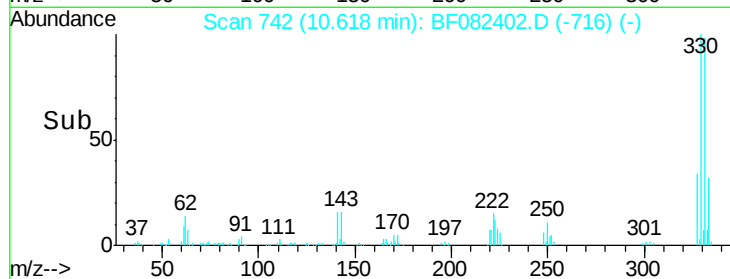
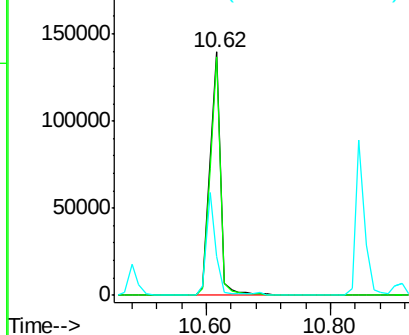
#41
 2,4,6-Tribromophenol
 Concen: 86.90 ng
 RT: 10.62 min Scan# 742
 Delta R.T. -0.00 min
 Lab File: BF082402.D
 Acq: 21 Oct 2015 14:13

Instrument :
 BNA_F
 ClientSampleId :
 PB86203BS

Tot Ion:330 Resp: 164947
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.1 115.7
 141 37.9 29.8 44.8

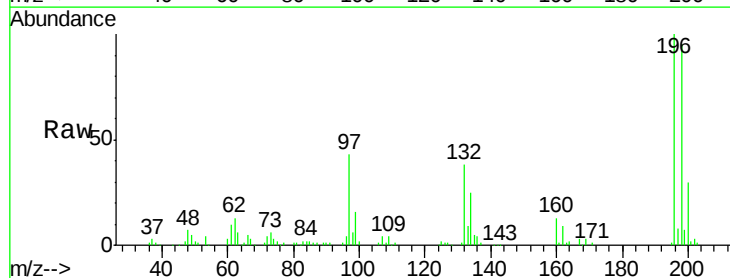


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

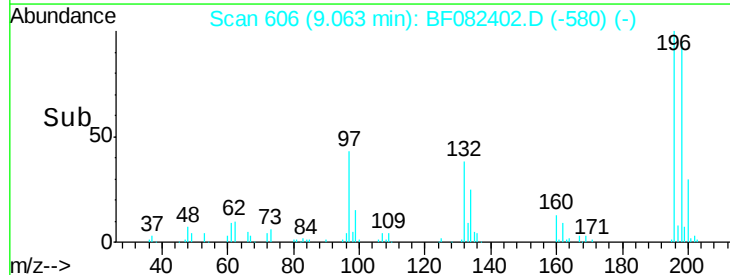
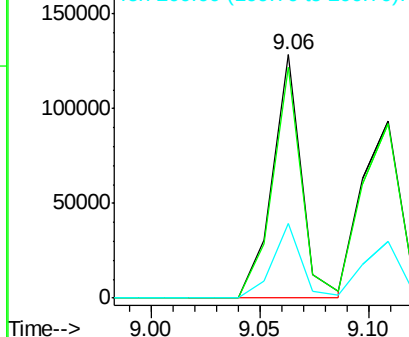


#42
 2,4,6-Trichlorophenol
 Concen: 30.19 ng
 RT: 9.06 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: BF082402.D
 Acq: 21 Oct 2015 14:13

Tgt Ion:196 Resp: 120729
 Ion Ratio Lower Upper
 196 100
 198 94.9 76.6 115.0
 200 30.4 23.7 35.5



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

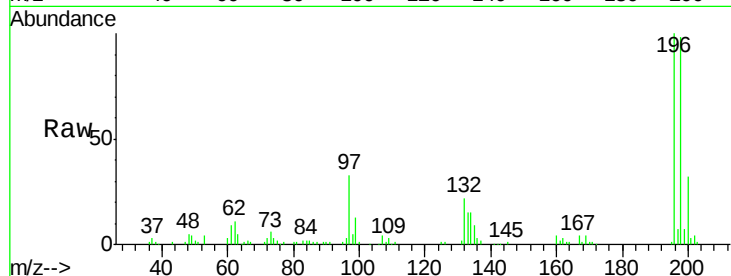




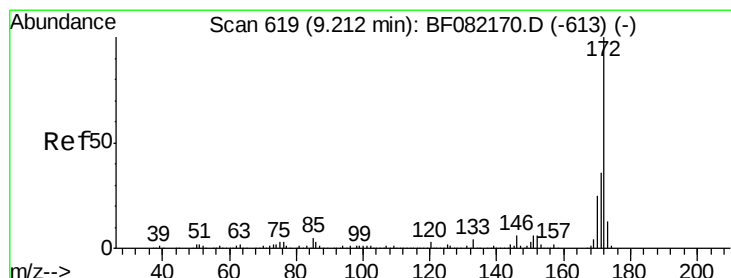
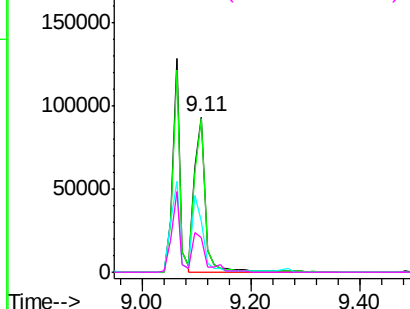
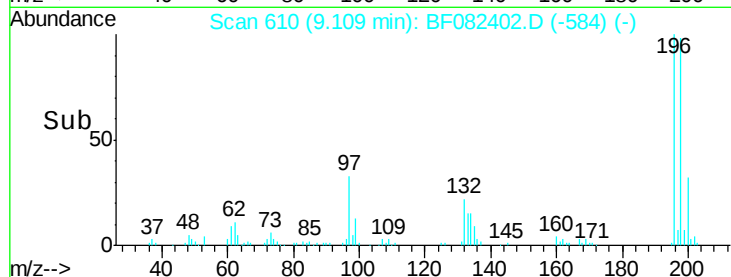
#43
 2,4,5-Trichlorophenol
 Concen: 29.53 ng
 RT: 9.11 min Scan# 610
 Delta R.T. -0.00 min
 Lab File: BF082402.D
 Acq: 21 Oct 2015 14:13

Instrument :
 BNA_F
 ClientSampleId :
 PB86203BS

Tot Ion:196	Resp:	127903
Ion Ratio	Lower	Upper
196	100	
198	98.5	77.0 115.4
97	33.4	31.9 47.9
132	22.4	20.3 30.5

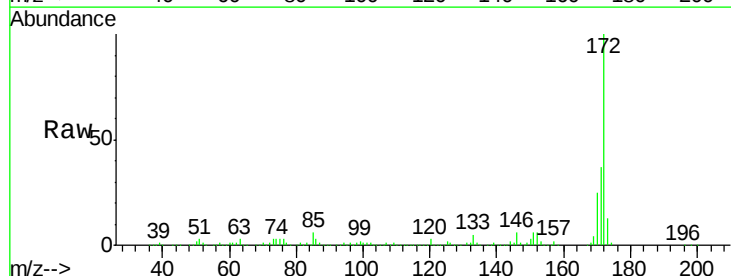


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

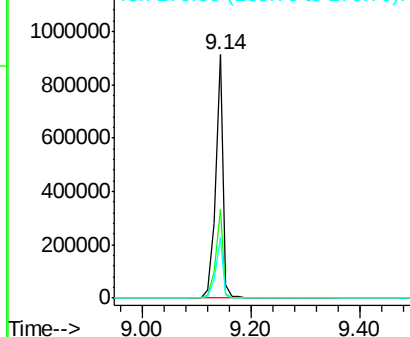
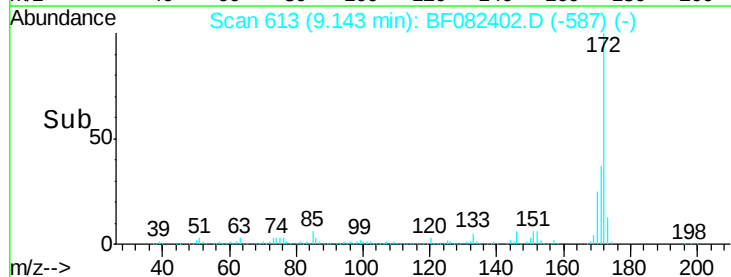


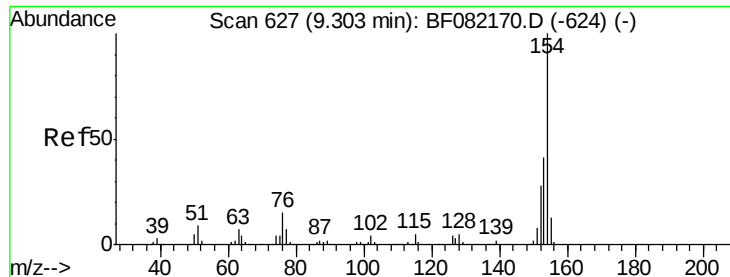
#44
 2-Fluorobiphenyl
 Concen: 72.92 ng
 RT: 9.14 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF082402.D
 Acq: 21 Oct 2015 14:13

Tgt Ion:172	Resp:	889958
Ion Ratio	Lower	Upper
172	100	
171	36.5	28.6 42.8
170	24.8	19.7 29.5



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

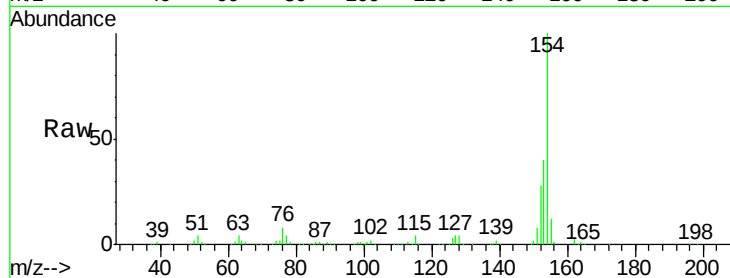




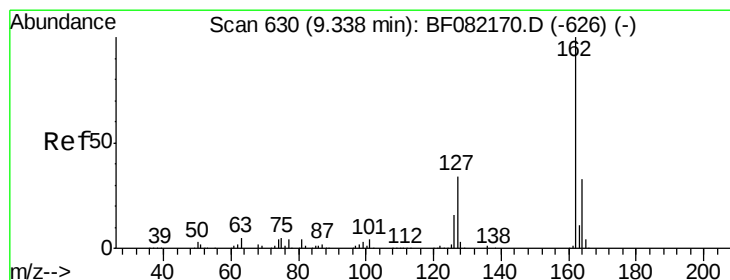
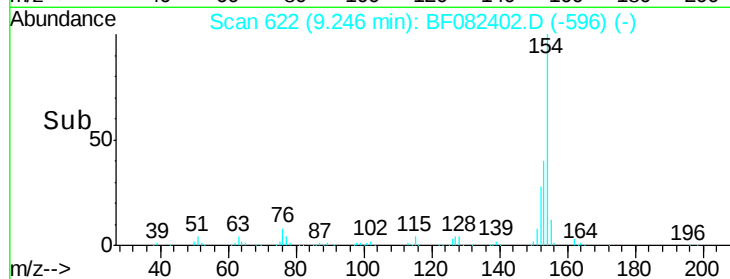
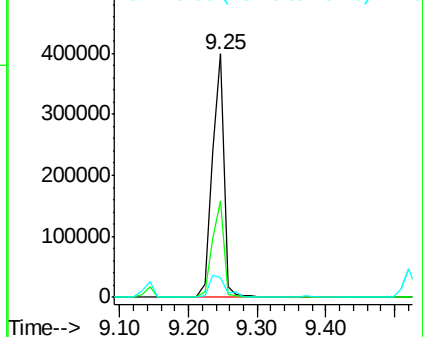
#45
 1,1'-Biphenyl
 Concen: 30.93 ng
 RT: 9.25 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF082402.D
 Acq: 21 Oct 2015 14:13

Instrument :
 BNA_F
 ClientSampleId :
 PB86203BS

Tot Ion:154 Resp: 477441
 Ion Ratio Lower Upper
 154 100
 153 39.7 20.6 60.6
 76 8.2 0.0 35.2

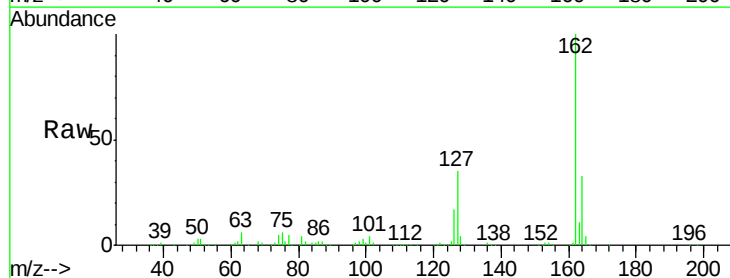


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

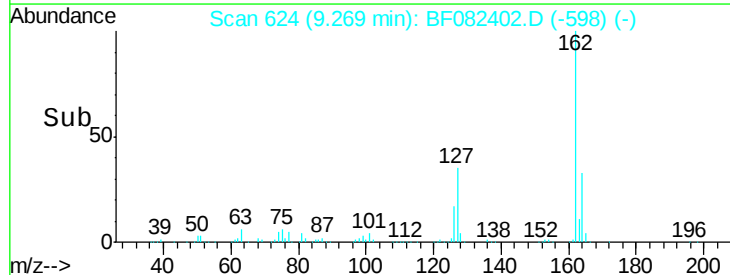
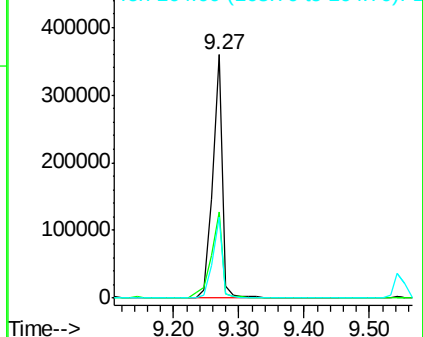


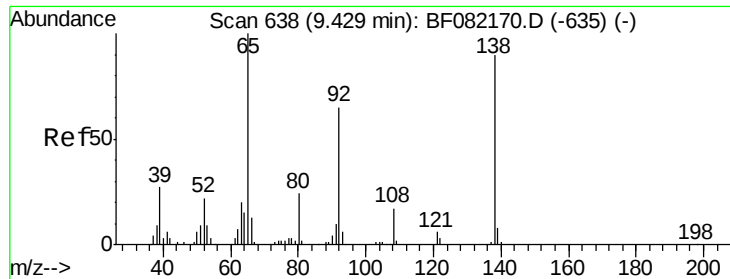
#46
 2-Chloronaphthalene
 Concen: 31.22 ng
 RT: 9.27 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF082402.D
 Acq: 21 Oct 2015 14:13

Tgt Ion:162 Resp: 379352
 Ion Ratio Lower Upper
 162 100
 127 35.3 27.5 41.3
 164 33.4 26.6 39.8



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

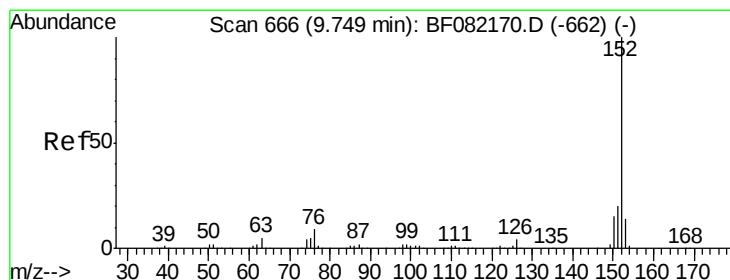
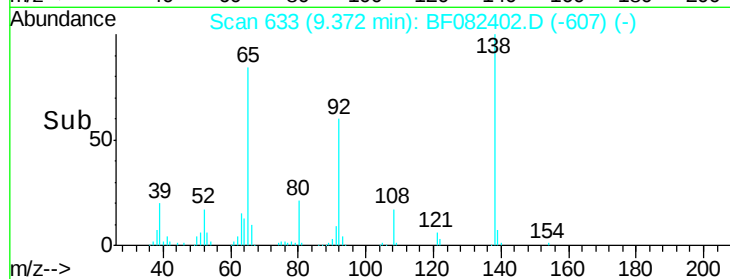
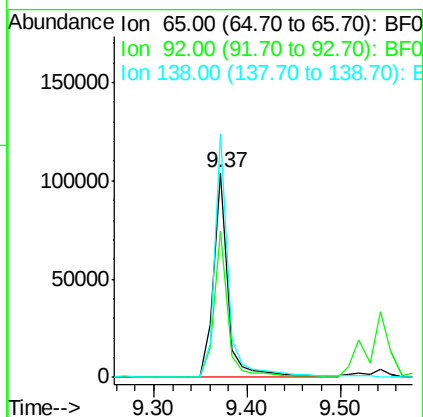
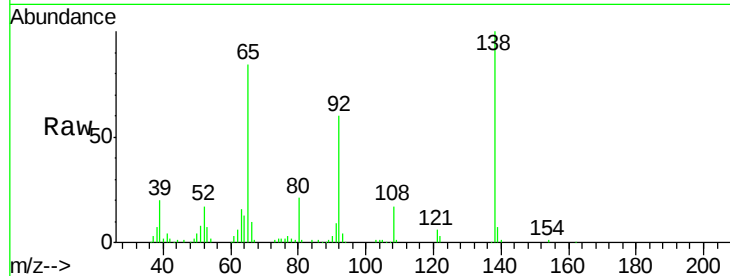




#47
 2-Nitroaniline
 Concen: 33.79 ng
 RT: 9.37 min Scan# 633
 Delta R.T. -0.00 min
 Lab File: BF082402.D
 Acq: 21 Oct 2015 14:13

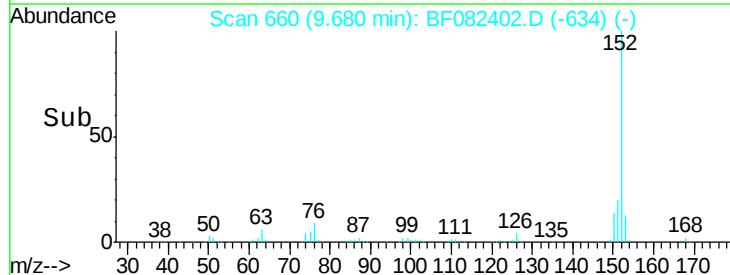
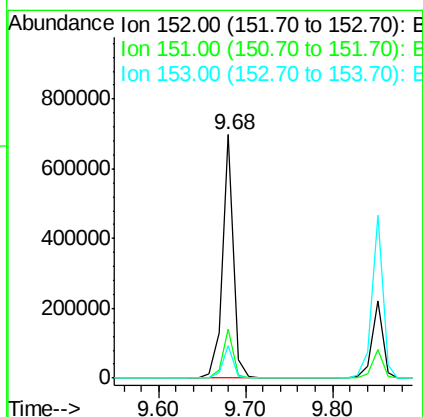
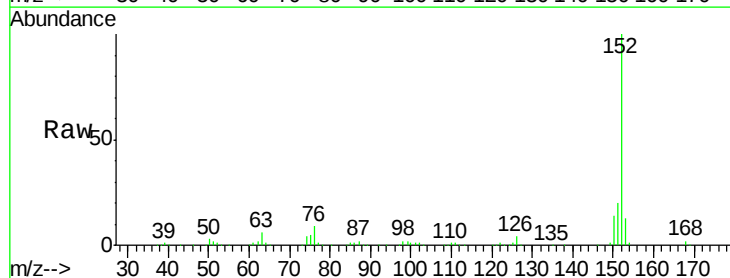
Instrument :
 BNA_F
 ClientSampleId :
 PB86203BS

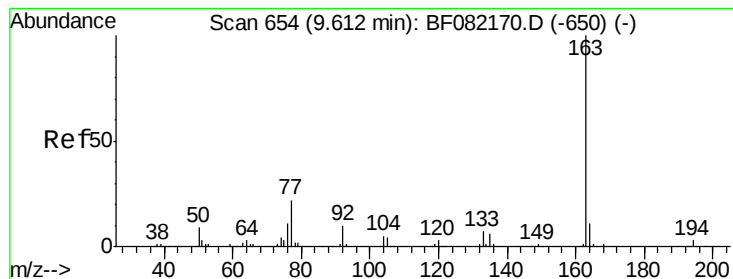
Tot Ion: 65 Resp: 112705
 Ion Ratio Lower Upper
 65 100
 92 71.4 52.3 78.5
 138 119.2 72.2 108.4#



#48
 Acenaphthylene
 Concen: 32.62 ng
 RT: 9.68 min Scan# 660
 Delta R.T. -0.00 min
 Lab File: BF082402.D
 Acq: 21 Oct 2015 14:13

Tgt Ion: 152 Resp: 617376
 Ion Ratio Lower Upper
 152 100
 151 20.1 16.4 24.6
 153 13.3 10.8 16.2





#49

Dimethylphthalate

Concen: 29.61 ng

RT: 9.54 min Scan# 648

Delta R.T. -0.01 min

Lab File: BF082402.D

Acq: 21 Oct 2015 14:13

Instrument :

BNA_F

ClientSampled :

PB86203BS

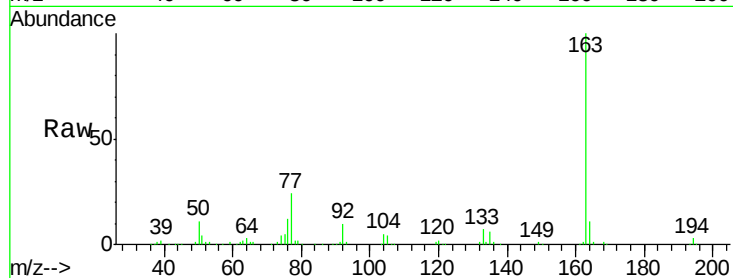
Tot Ion:163 Resp: 422030

Ion Ratio Lower Upper

163 100

194 3.1 2.6 4.0

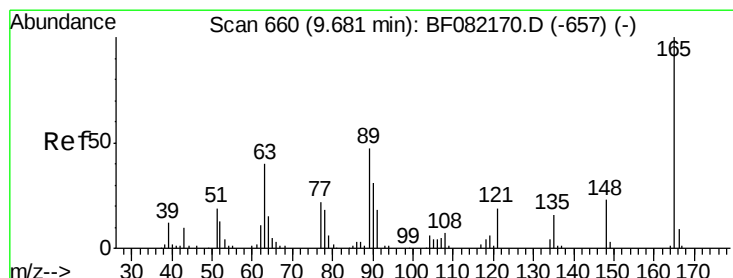
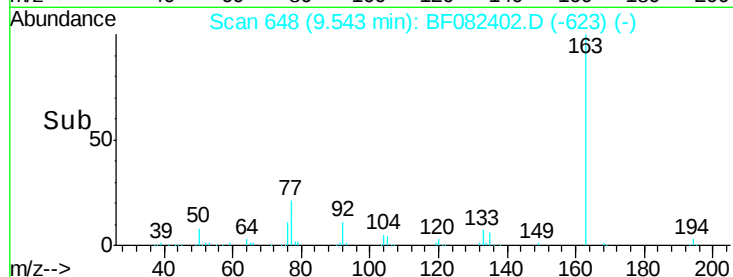
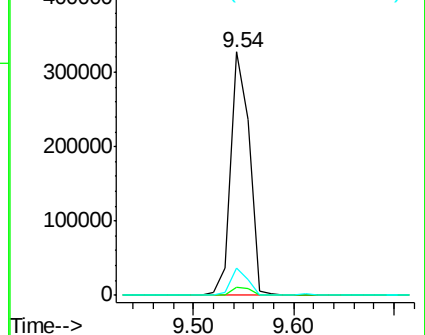
164 11.0 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 31.47 ng

RT: 9.61 min Scan# 654

Delta R.T. -0.01 min

Lab File: BF082402.D

Acq: 21 Oct 2015 14:13

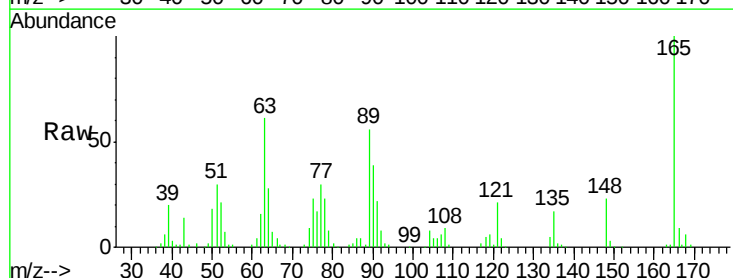
Tgt Ion:165 Resp: 94637

Ion Ratio Lower Upper

165 100

63 60.7 36.7 55.1#

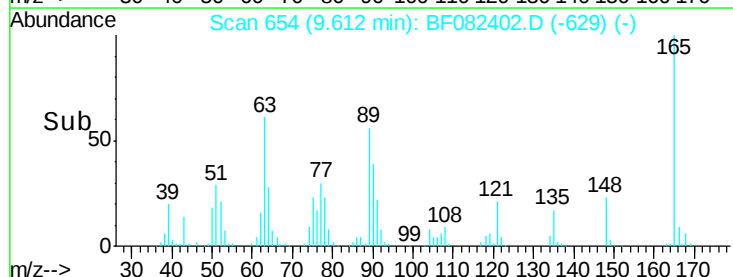
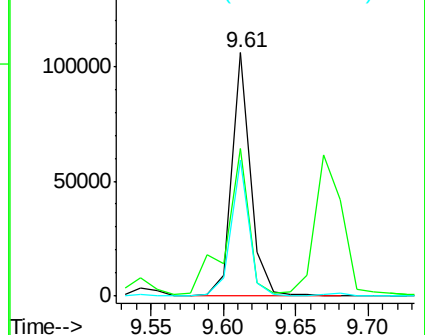
89 56.0 37.8 56.6

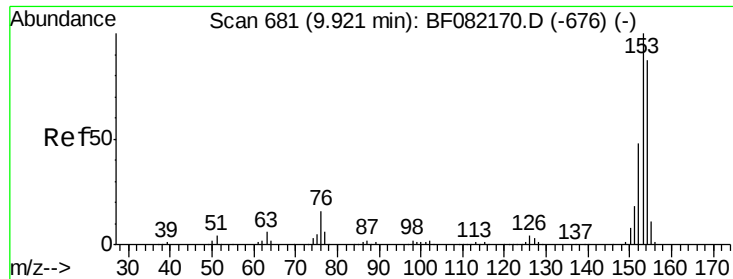


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

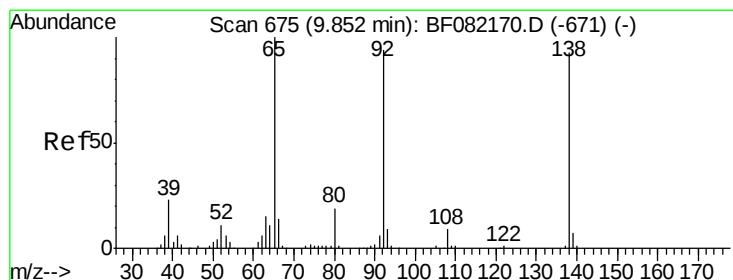
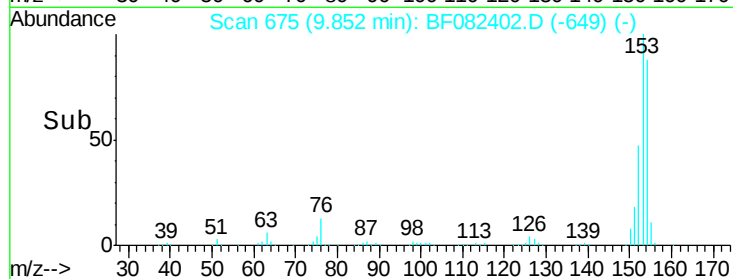
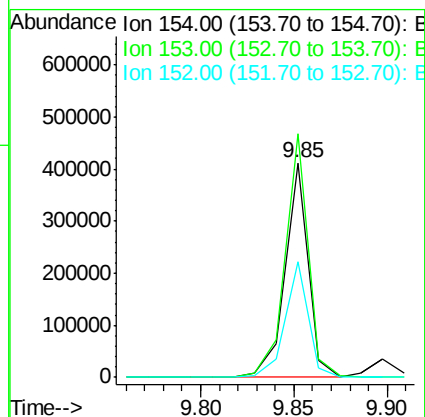
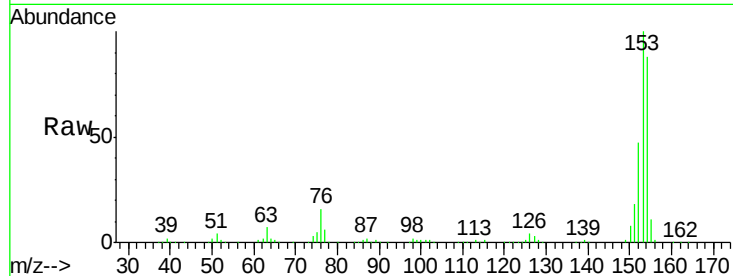




#51
Acenaphthene
Concen: 31.26 ng
RT: 9.85 min Scan# 675
Delta R.T. -0.00 min
Lab File: BF082402.D
Acq: 21 Oct 2015 14:13

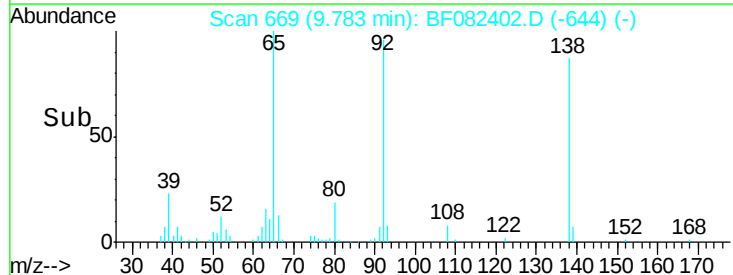
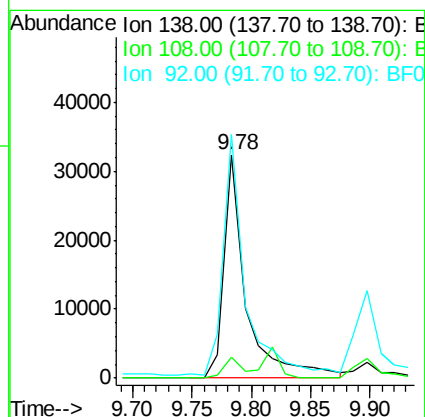
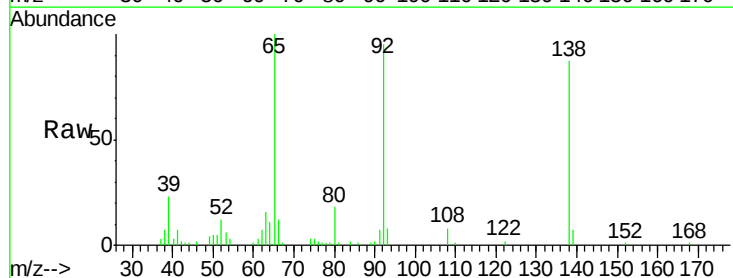
Instrument :
BNA_F
ClientSampleId :
PB86203BS

Tot Ion:154 Resp: 355216
Ion Ratio Lower Upper
154 100
153 113.7 91.4 137.2
152 53.7 44.3 66.5



#52
3-Nitroaniline
Concen: 12.27 ng
RT: 9.78 min Scan# 669
Delta R.T. -0.01 min
Lab File: BF082402.D
Acq: 21 Oct 2015 14:13

Tgt Ion:138 Resp: 41699
Ion Ratio Lower Upper
138 100
108 9.5 7.4 11.0
92 109.0 81.3 121.9

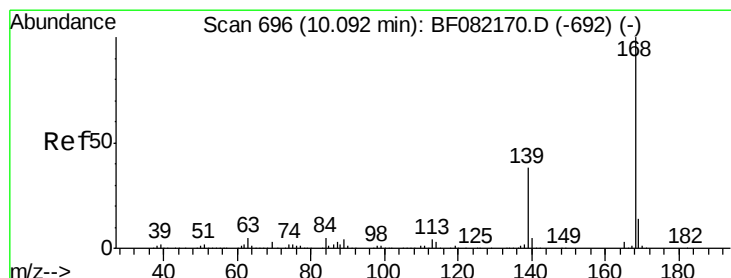
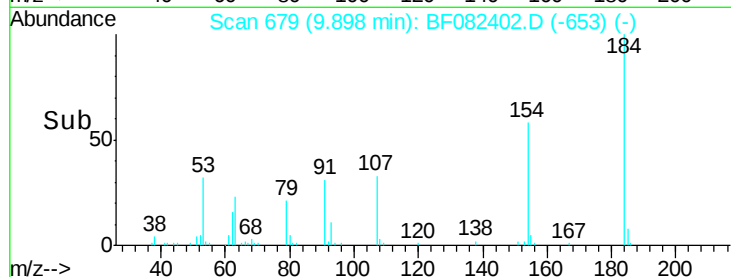
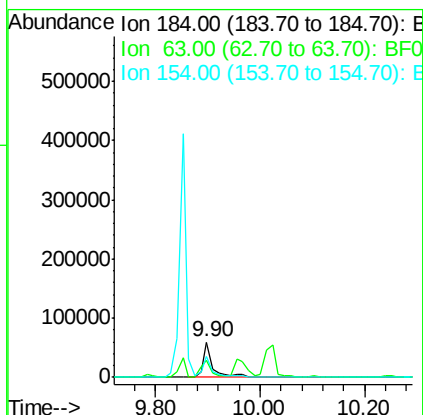
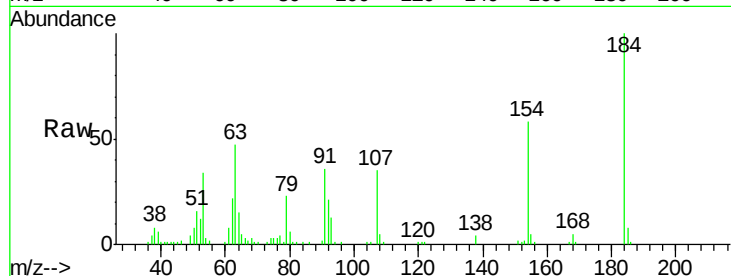




#53
2,4-Dinitrophenol
Concen: 50.62 ng
RT: 9.90 min Scan# 679
Delta R.T. -0.00 min
Lab File: BF082402.D
Acq: 21 Oct 2015 14:13

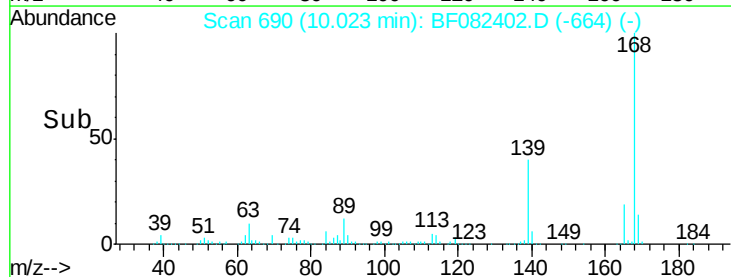
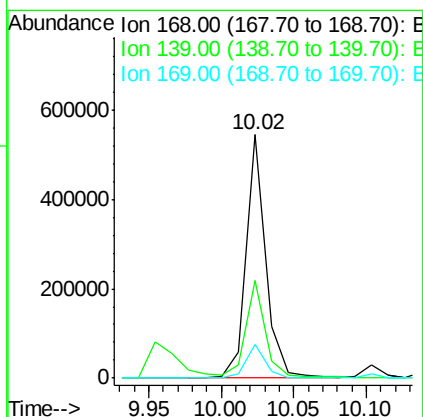
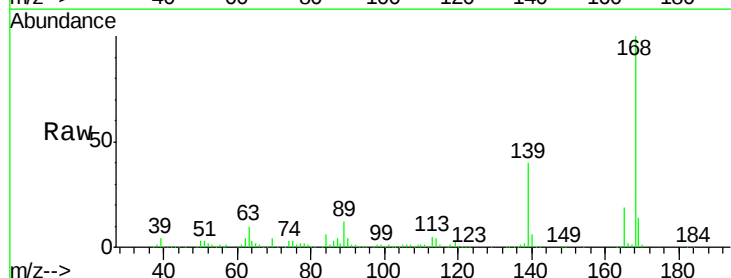
Instrument :
BNA_F
ClientSampleId :
PB86203BS

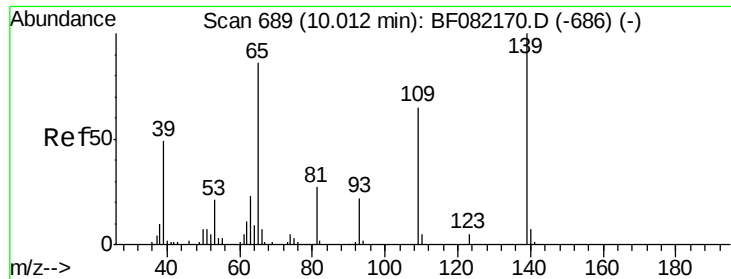
Tot Ion:184 Resp: 80776
Ion Ratio Lower Upper
184 100
63 47.1 45.1 67.7
154 57.6 51.2 76.8



#54
Dibenzofuran
Concen: 32.89 ng
RT: 10.02 min Scan# 690
Delta R.T. -0.00 min
Lab File: BF082402.D
Acq: 21 Oct 2015 14:13

Tgt Ion:168 Resp: 513135
Ion Ratio Lower Upper
168 100
139 40.2 31.0 46.6
169 13.6 10.9 16.3

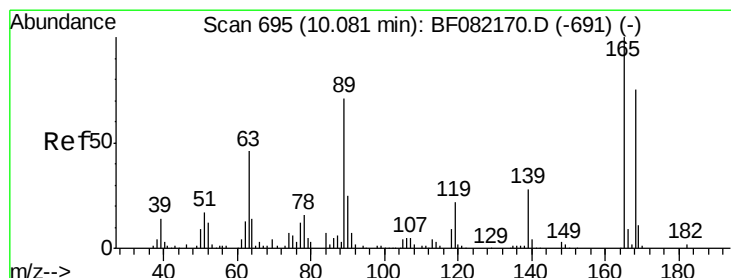
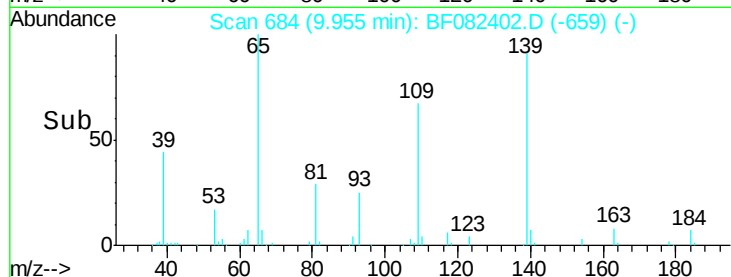
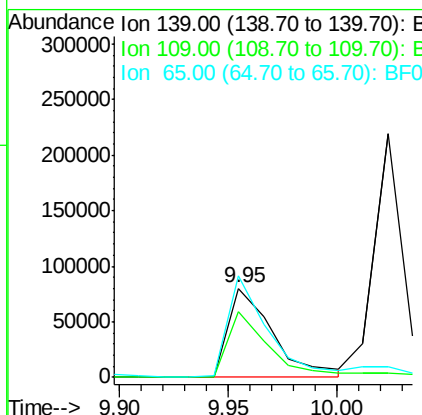
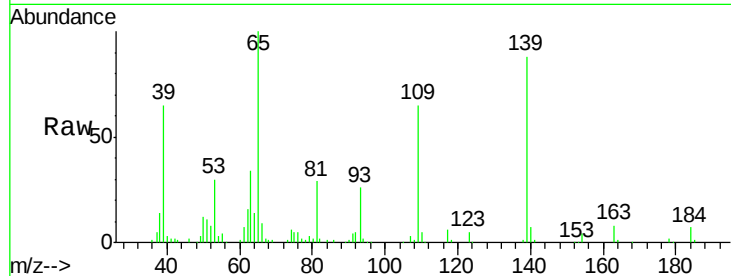




#55
4-Nitrophenol
Concen: 56.13 ng
RT: 9.95 min Scan# 684
Delta R.T. -0.01 min
Lab File: BF082402.D
Acq: 21 Oct 2015 14:13

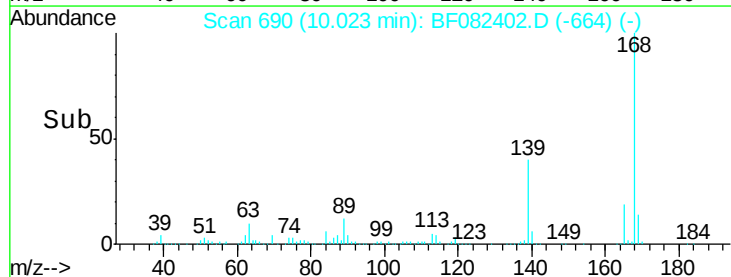
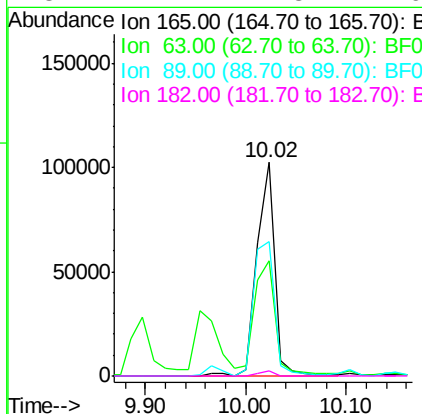
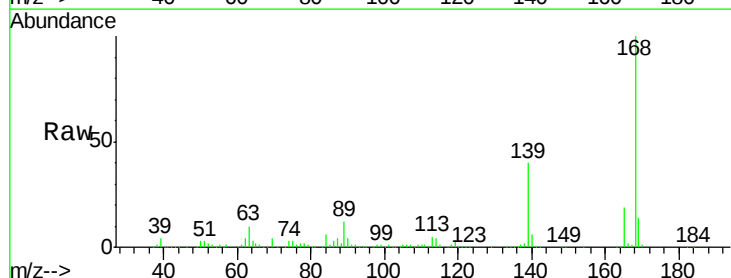
Instrument :
BNA_F
ClientSampleId :
PB86203BS

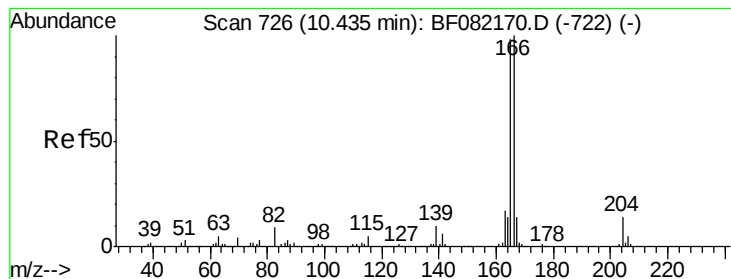
Tot Ion:139 Resp: 116046
Ion Ratio Lower Upper
139 100
109 73.8 44.8 84.8
65 113.1 67.7 107.7#



#56
2,4-Dinitrotoluene
Concen: 33.66 ng
RT: 10.02 min Scan# 690
Delta R.T. -0.00 min
Lab File: BF082402.D
Acq: 21 Oct 2015 14:13

Tgt Ion:165 Resp: 126544
Ion Ratio Lower Upper
165 100
63 53.9 38.6 58.0
89 63.0 57.0 85.6
182 2.4 1.8 2.6





#57

Fluorene

Concen: 32.13 ng

RT: 10.37 min Scan# 720

Delta R.T. -0.00 min

Lab File: BF082402.D

Acq: 21 Oct 2015 14:13

Instrument :

BNA_F

ClientSampleId :

PB86203BS

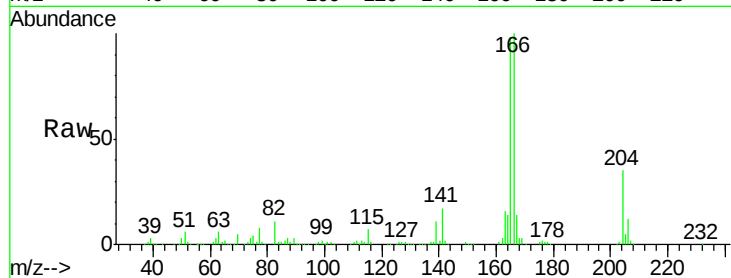
Tot Ion:166 Resp: 411738

Ion Ratio Lower Upper

166 100

165 97.7 78.3 117.5

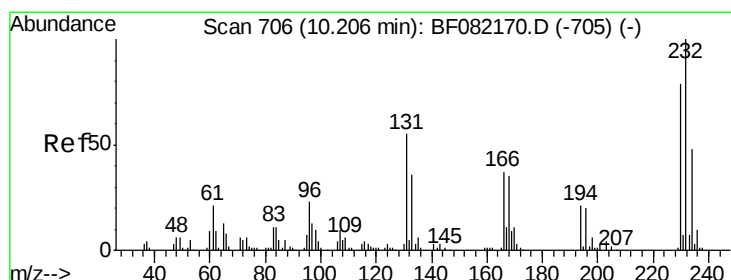
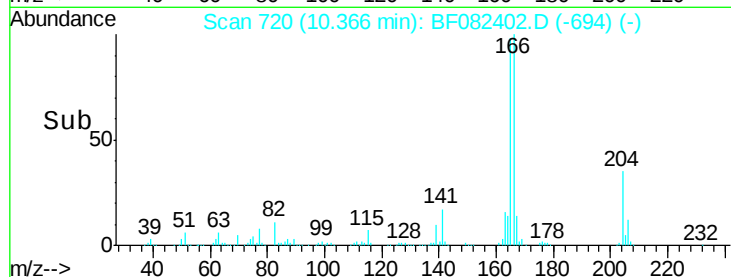
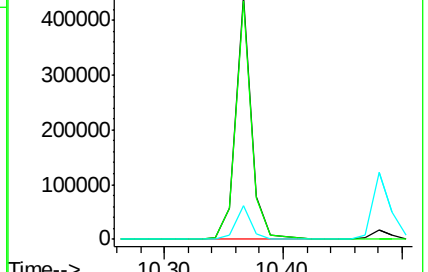
167 13.7 10.8 16.2



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: 31.71 ng

RT: 10.15 min Scan# 701

Delta R.T. -0.00 min

Lab File: BF082402.D

Acq: 21 Oct 2015 14:13

Tgt Ion:232 Resp: 112214

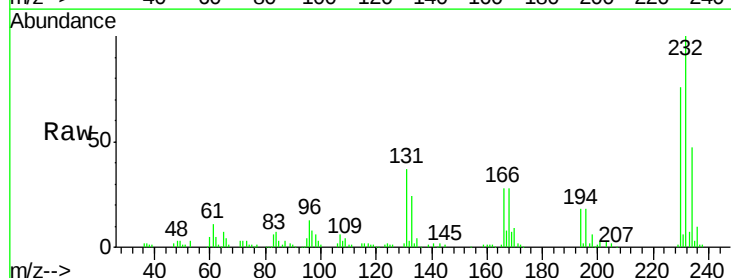
Ion Ratio Lower Upper

232 100

131 42.0 36.6 54.8

130 1.7 1.5 2.3

166 28.2 24.6 37.0

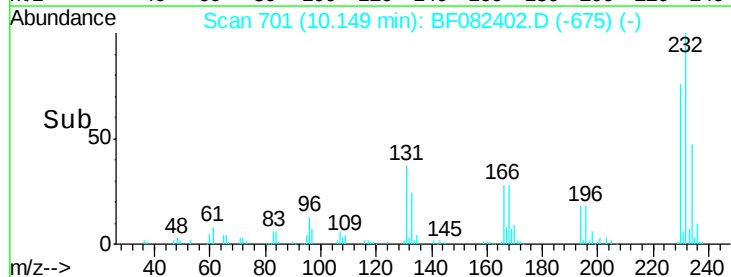
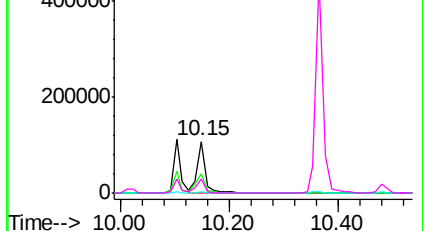


Abundance Ion 232.00 (231.70 to 232.70): E

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: 33.72 ng

RT: 10.25 min Scan# 710

Delta R.T. -0.00 min

Lab File: BF082402.D

Acq: 21 Oct 2015 14:13

Instrument :

BNA_F

ClientSampleId :

PB86203BS

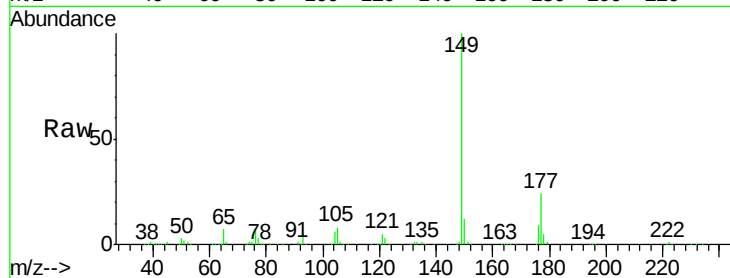
Tot Ion:149 Resp: 448030

Ion Ratio Lower Upper

149 100

177 24.1 17.6 26.4

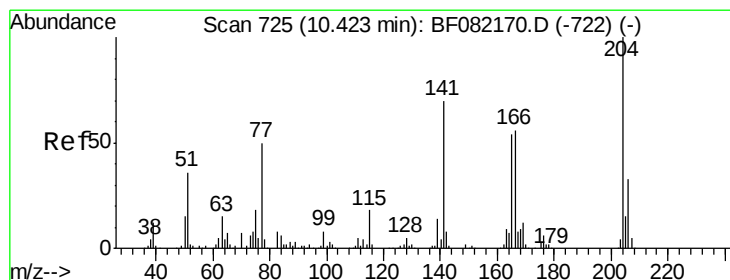
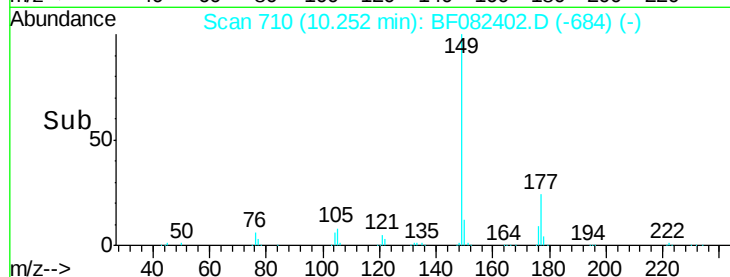
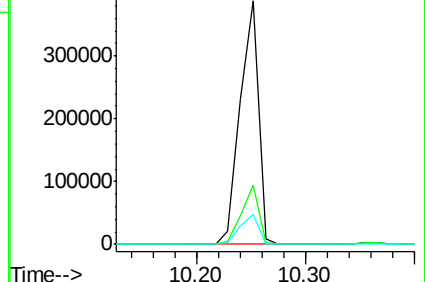
150 12.3 10.3 15.5



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: 32.78 ng

RT: 10.37 min Scan# 720

Delta R.T. -0.00 min

Lab File: BF082402.D

Acq: 21 Oct 2015 14:13

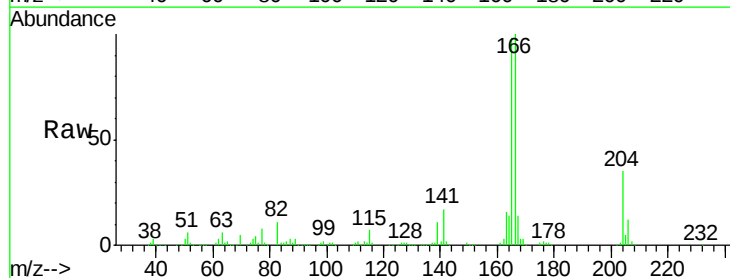
Tgt Ion:204 Resp: 192394

Ion Ratio Lower Upper

204 100

206 35.2 26.8 40.2

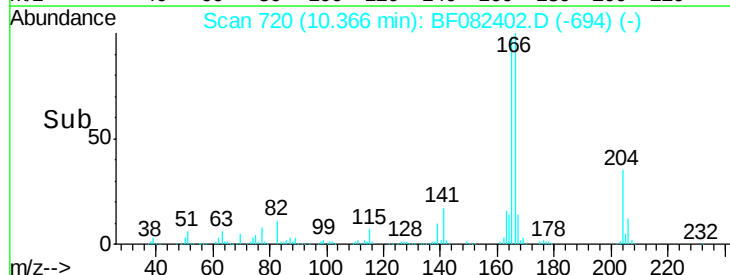
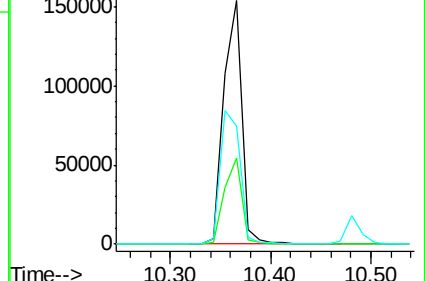
141 48.6 56.1 84.1#

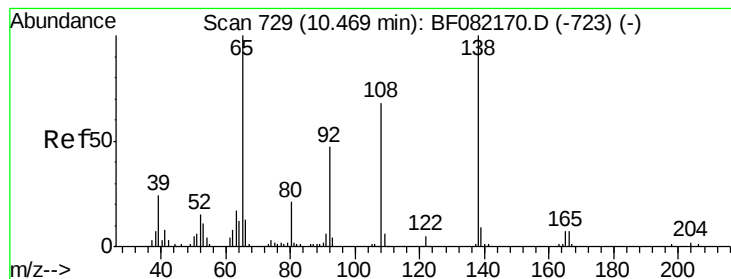


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 29.09 ng

RT: 10.40 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF082402.D

Acq: 21 Oct 2015 14:13

Instrument :

BNA_F

ClientSampleId :

PB86203BS

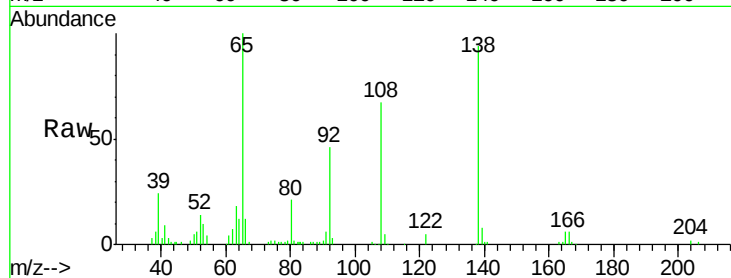
Tot Ion:138 Resp: 95845

Ion Ratio Lower Upper

138 100

92 48.7 26.8 66.8

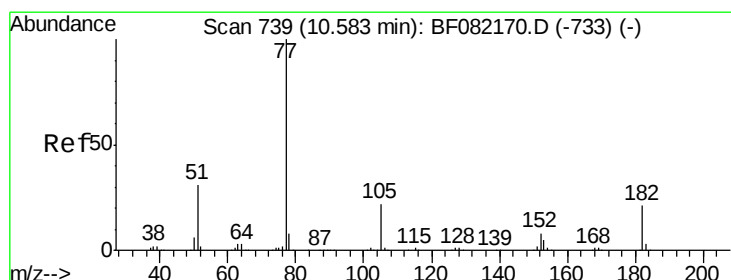
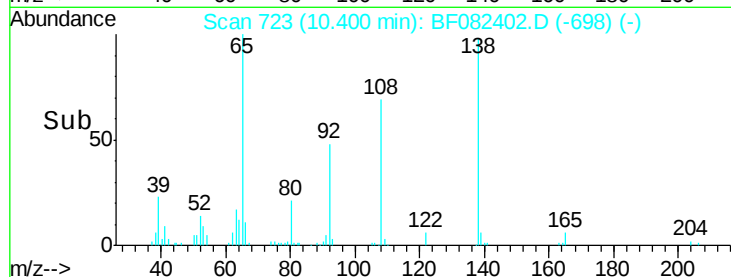
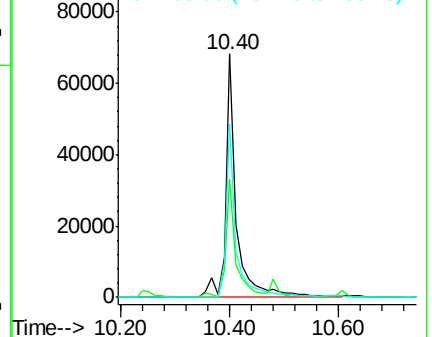
108 71.2 48.4 88.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 32.67 ng

RT: 10.53 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF082402.D

Acq: 21 Oct 2015 14:13

Tgt Ion: 77 Resp: 424797

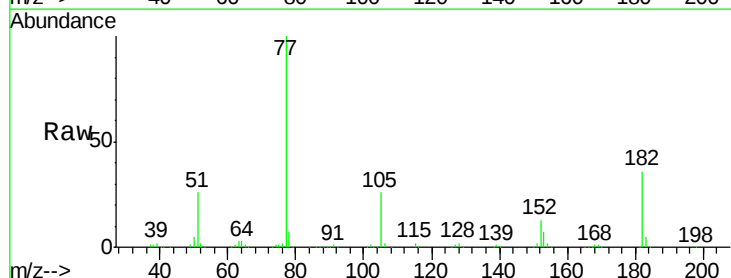
Ion Ratio Lower Upper

77 100

182 36.4 0.5 40.5

105 25.5 1.8 41.8

51 26.5 11.2 51.2

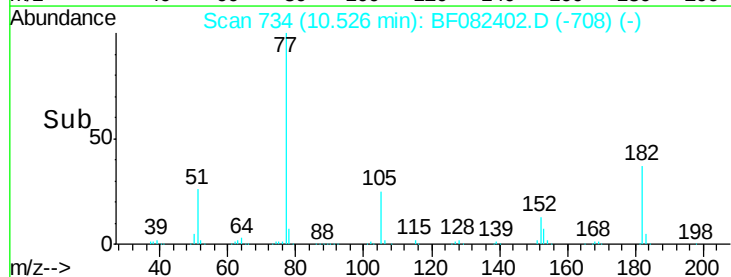
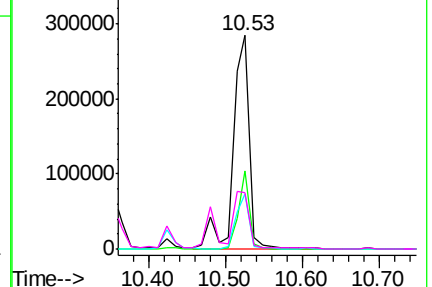


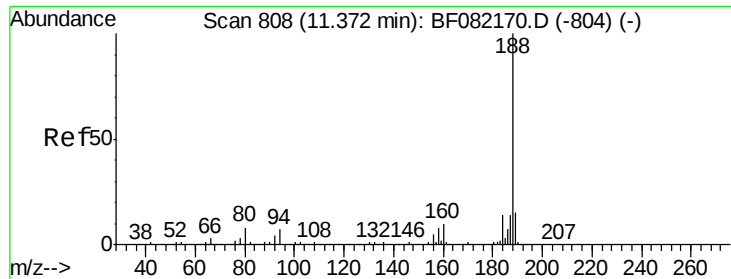
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.30 min Scan# 802

Delta R.T. -0.00 min

Lab File: BF082402.D

Acq: 21 Oct 2015 14:13

Instrument :

BNA_F

ClientSampleId :

PB86203BS

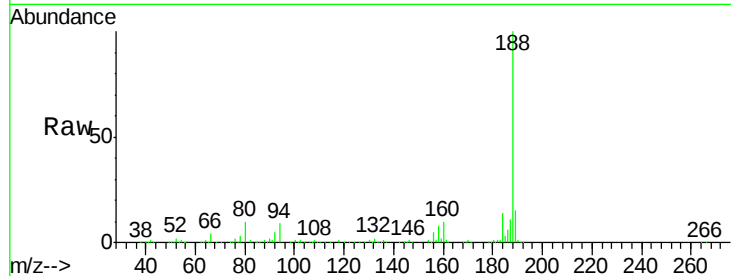
Tot Ion:188 Resp: 385859

Ion Ratio Lower Upper

188 100

94 9.1 5.8 8.6#

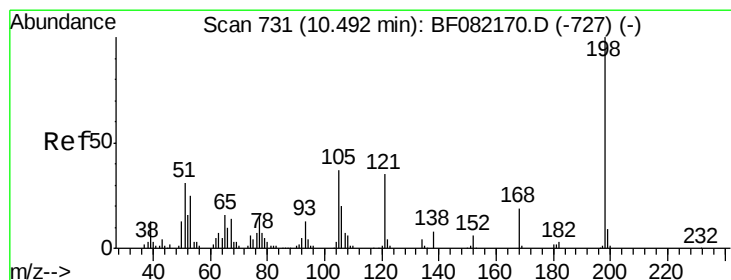
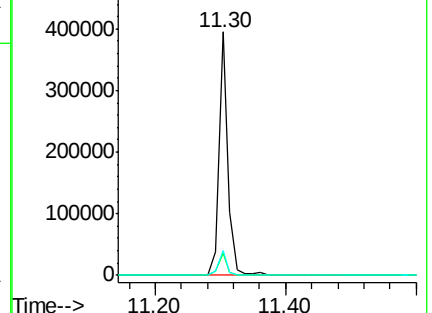
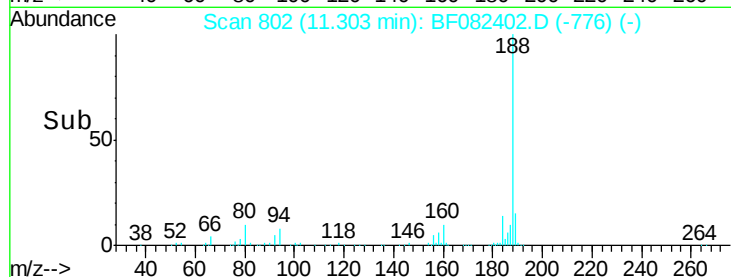
80 10.0 6.4 9.6#



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: 27.98 ng

RT: 10.42 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF082402.D

Acq: 21 Oct 2015 14:13

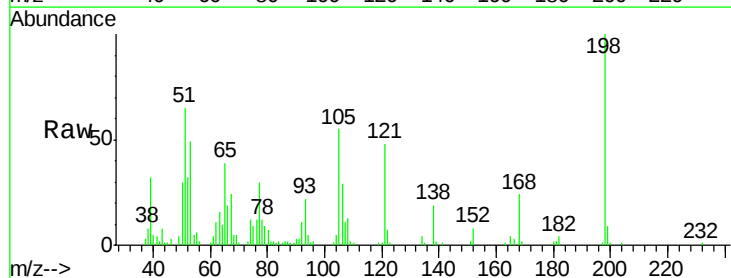
Tgt Ion:198 Resp: 60584

Ion Ratio Lower Upper

198 100

51 65.2 13.6 53.6#

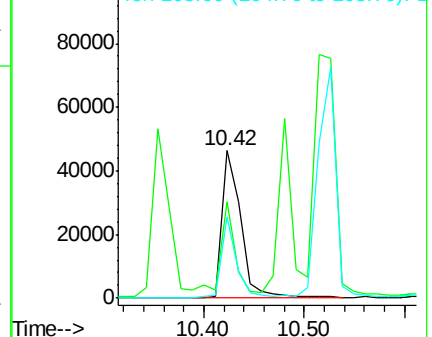
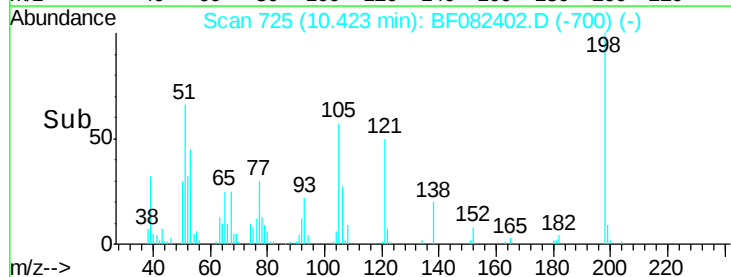
105 54.8 17.1 57.1

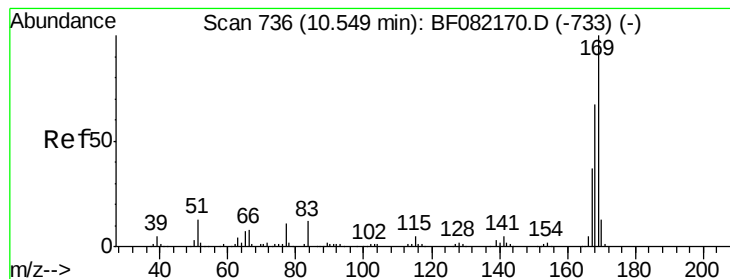


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 30.30 ng

RT: 10.48 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF082402.D

Acq: 21 Oct 2015 14:13

Instrument :

BNA_F

ClientSampleId :

PB86203BS

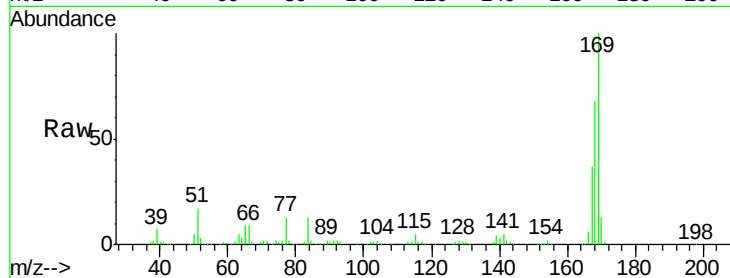
Tot Ion:169 Resp: 350088

Ion Ratio Lower Upper

169 100

168 67.6 54.0 81.0

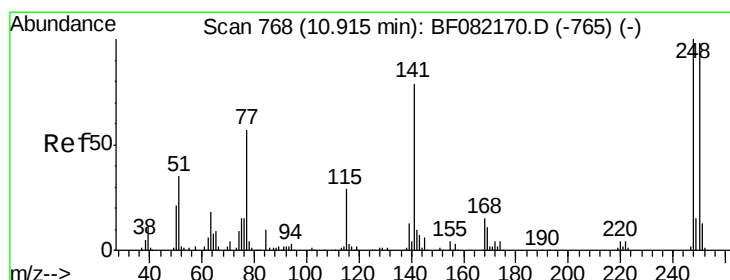
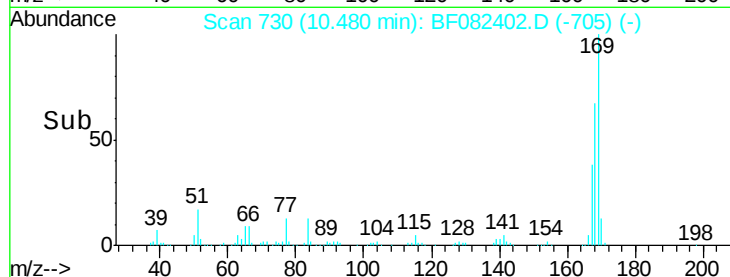
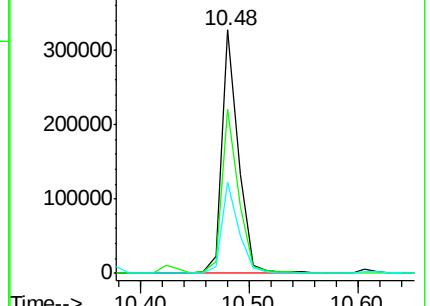
167 37.5 29.6 44.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 29.51 ng

RT: 10.85 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF082402.D

Acq: 21 Oct 2015 14:13

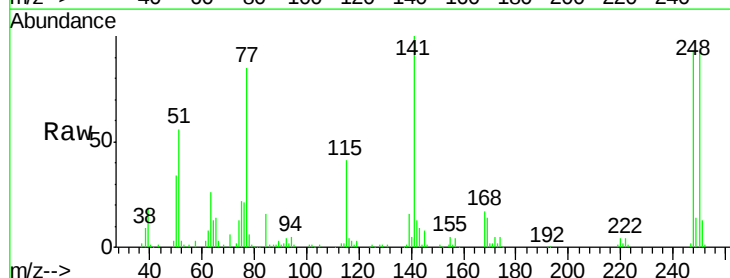
Tgt Ion:248 Resp: 113960

Ion Ratio Lower Upper

248 100

250 100.4 78.6 117.8

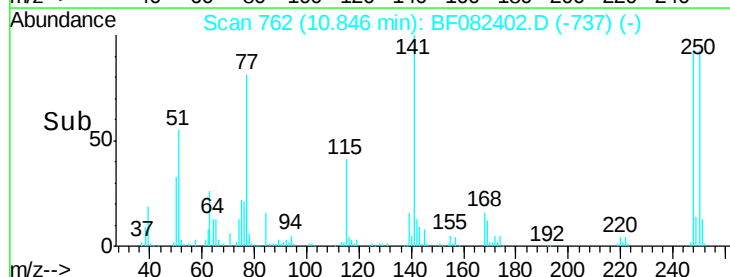
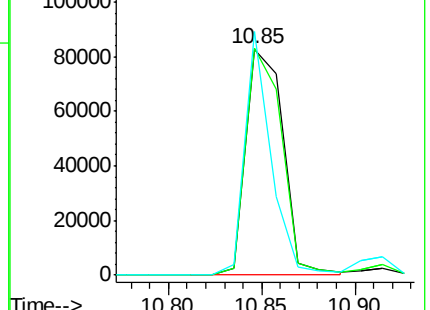
141 107.9 63.3 94.9#

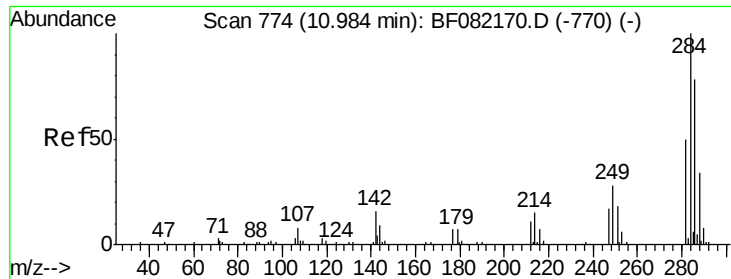


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

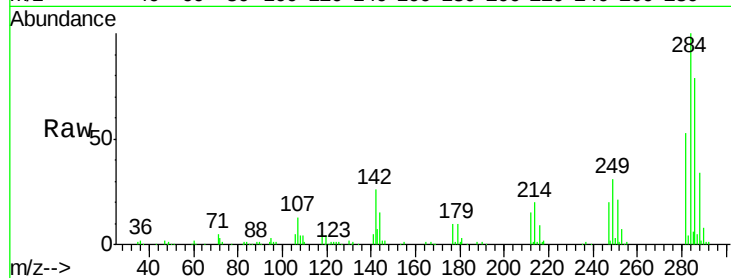




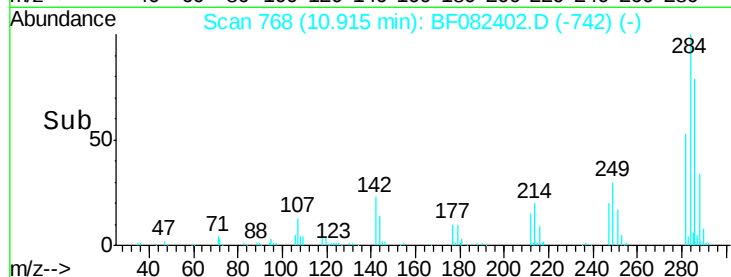
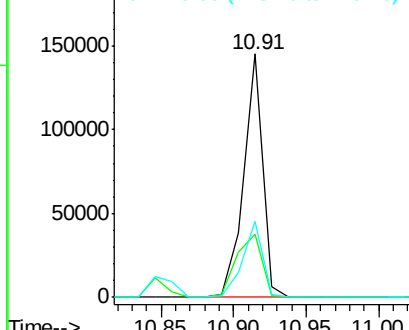
#67
Hexachlorobenzene
Concen: 31.61 ng
RT: 10.91 min Scan# 768
Delta R.T. -0.00 min
Lab File: BF082402.D
Acq: 21 Oct 2015 14:13

Instrument :
BNA_F
ClientSampleId :
PB86203BS

Tot Ion:284 Resp: 132003
Ion Ratio Lower Upper
284 100
142 25.7 13.0 19.6#
249 31.2 22.5 33.7

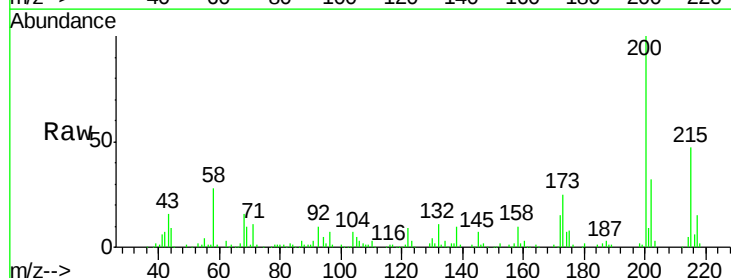


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

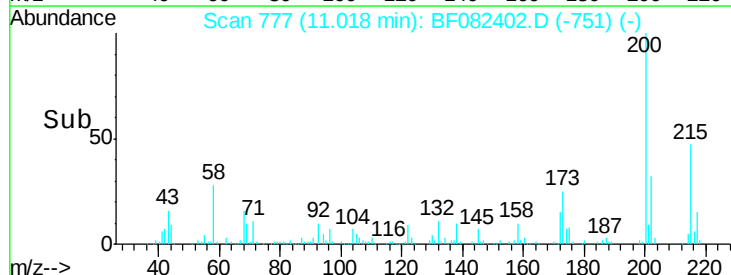
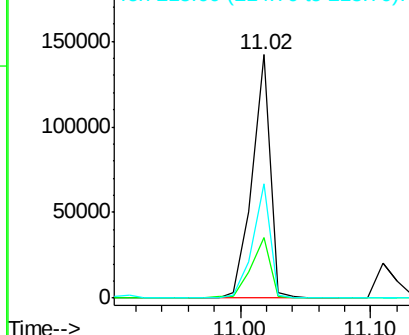


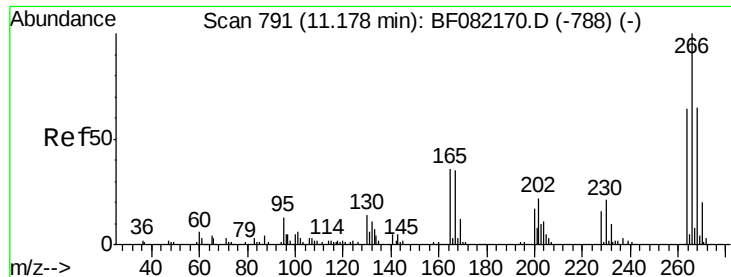
#68
Atrazine
Concen: 37.60 ng
RT: 11.02 min Scan# 777
Delta R.T. -0.00 min
Lab File: BF082402.D
Acq: 21 Oct 2015 14:13

Tgt Ion:200 Resp: 137635
Ion Ratio Lower Upper
200 100
173 24.7 7.3 47.3
215 47.1 26.2 66.2



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

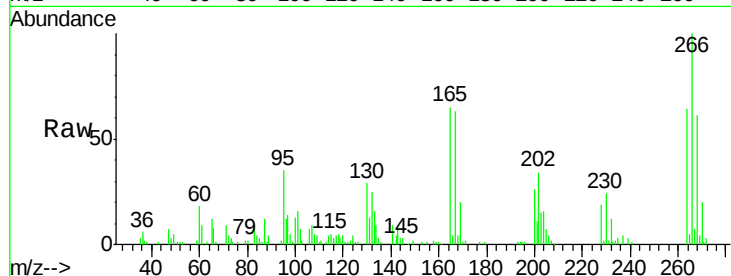




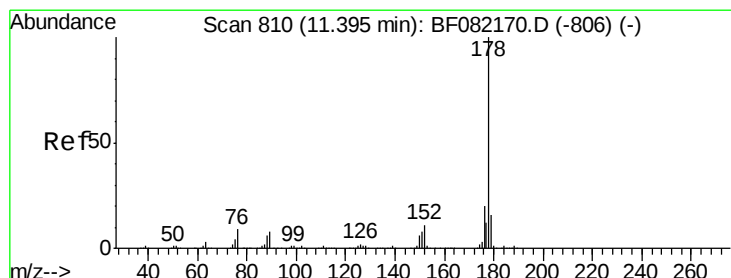
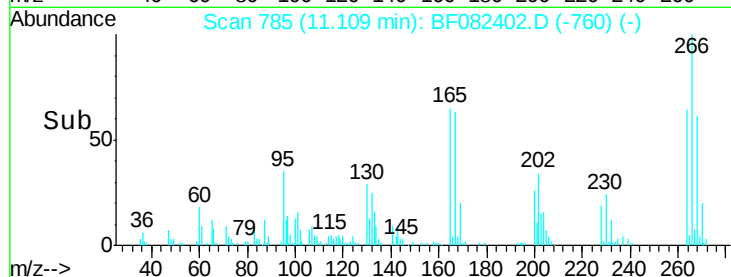
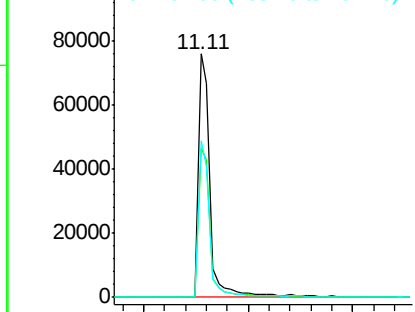
#69
 Pentachlorophenol
 Concen: 55.14 ng
 RT: 11.11 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF082402.D
 Acq: 21 Oct 2015 14:13

Instrument :
 BNA_F
 ClientSampleId :
 PB86203BS

Tot Ion:266 Resp: 118495
 Ion Ratio Lower Upper
 266 100
 268 60.9 52.0 78.0
 264 64.5 51.4 77.0

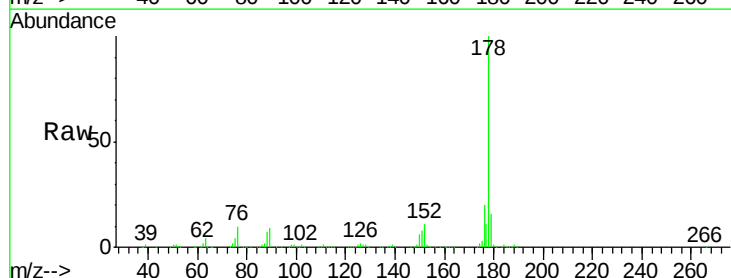


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

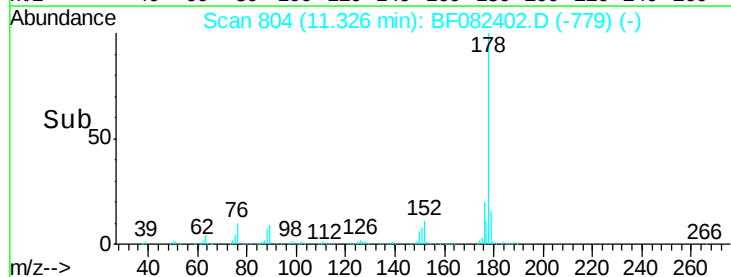
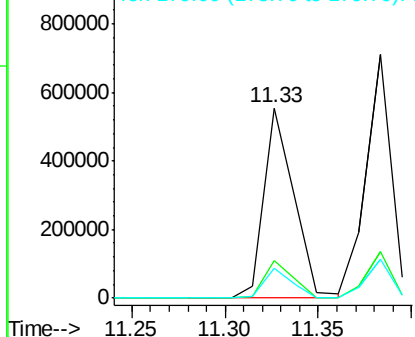


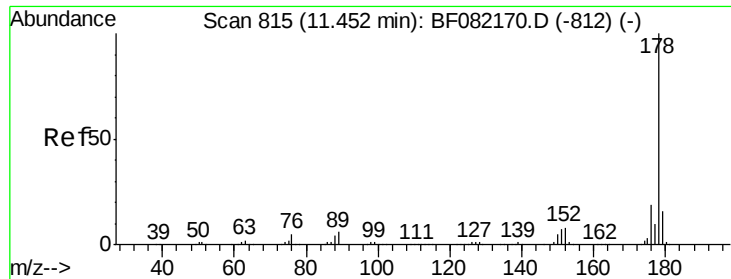
#70
 Phenanthrene
 Concen: 32.49 ng
 RT: 11.33 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BF082402.D
 Acq: 21 Oct 2015 14:13

Tgt Ion:178 Resp: 614445
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.0 24.0
 179 16.0 12.6 19.0



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

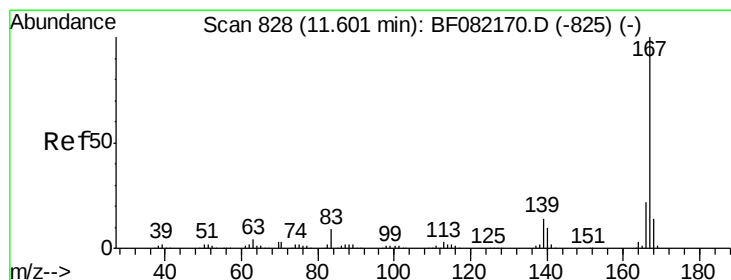
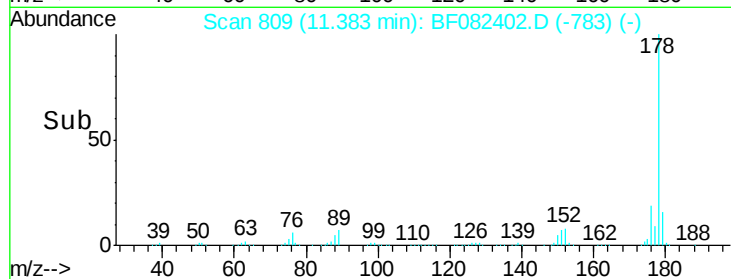
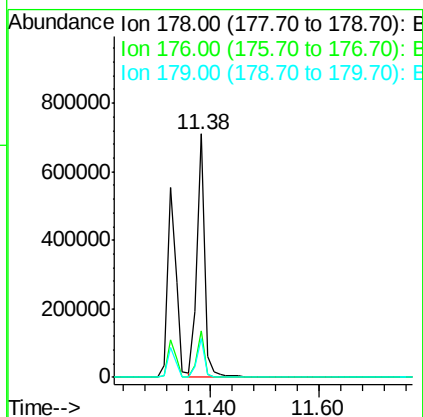
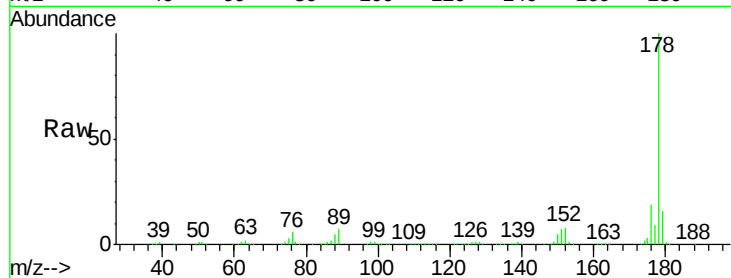




#71
 Anthracene
 Concen: 35.67 ng
 RT: 11.38 min Scan# 809
 Delta R.T. -0.00 min
 Lab File: BF082402.D
 Acq: 21 Oct 2015 14:13

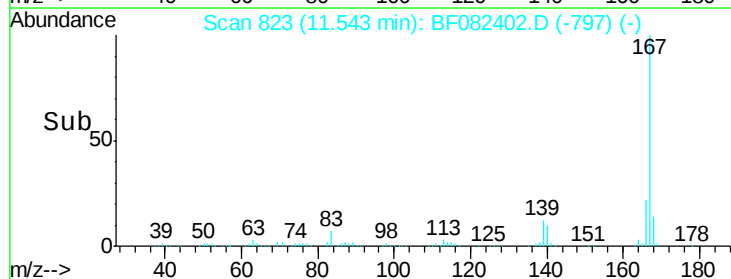
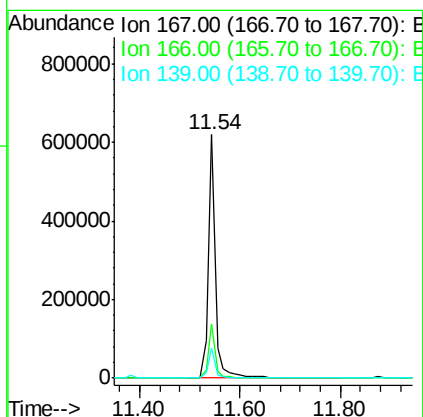
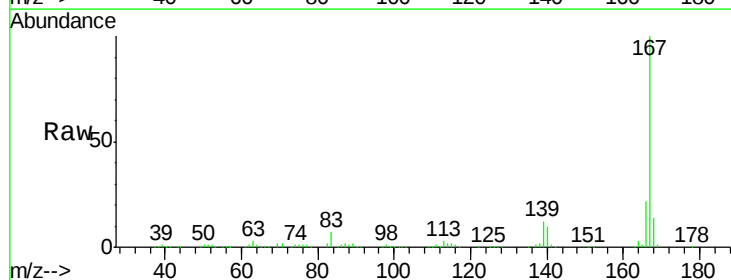
Instrument :
 BNA_F
 ClientSampleId :
 PB86203BS

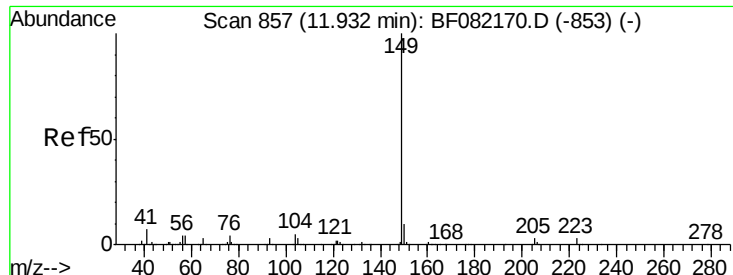
Tot Ion:178 Resp: 695151
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.0
 179 16.0 12.5 18.7



#72
 Carbazole
 Concen: 34.01 ng
 RT: 11.54 min Scan# 823
 Delta R.T. -0.00 min
 Lab File: BF082402.D
 Acq: 21 Oct 2015 14:13

Tgt Ion:167 Resp: 604583
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.3 25.9
 139 12.5 11.2 16.8





#73

Di-n-butylphthalate

Concen: 34.14 ng

RT: 11.87 min Scan# 852

Delta R.T. -0.00 min

Lab File: BF082402.D

Acq: 21 Oct 2015 14:13

Instrument :

BNA_F

ClientSampleId :

PB86203BS

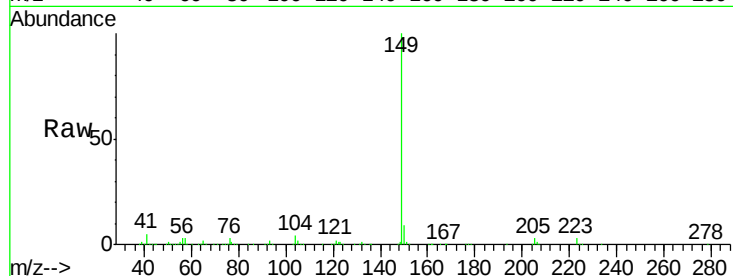
Tot Ion:149 Resp: 748867

Ion Ratio Lower Upper

149 100

150 9.1 7.8 11.6

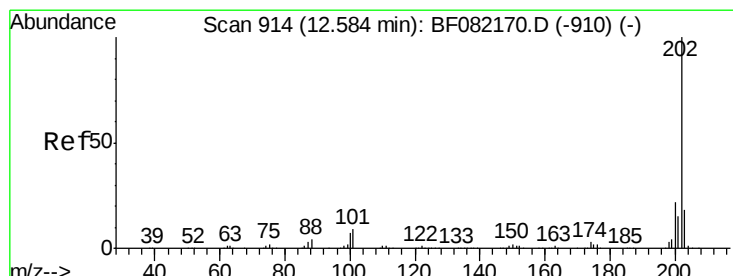
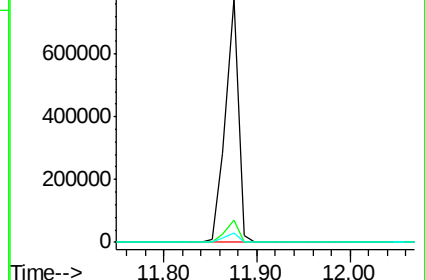
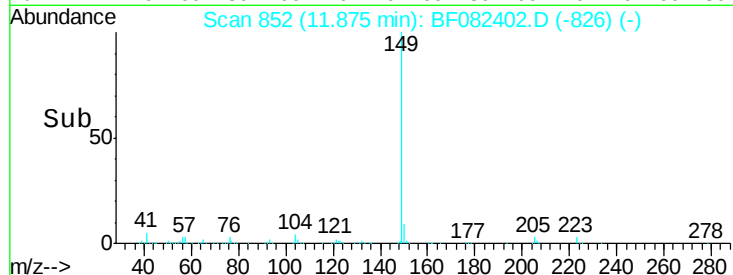
104 3.9 3.8 5.8



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: 34.93 ng

RT: 12.53 min Scan# 909

Delta R.T. -0.00 min

Lab File: BF082402.D

Acq: 21 Oct 2015 14:13

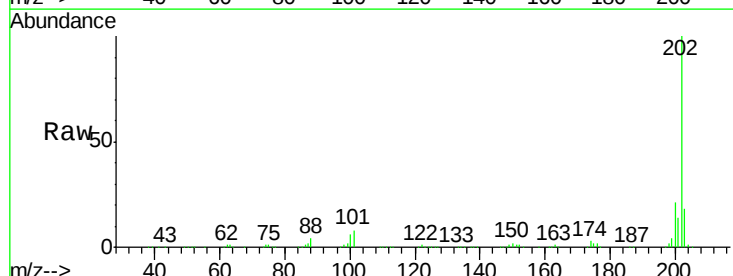
Tgt Ion:202 Resp: 709563

Ion Ratio Lower Upper

202 100

101 7.8 0.0 29.3

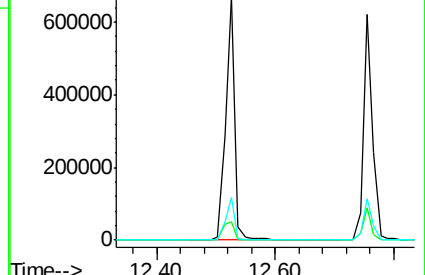
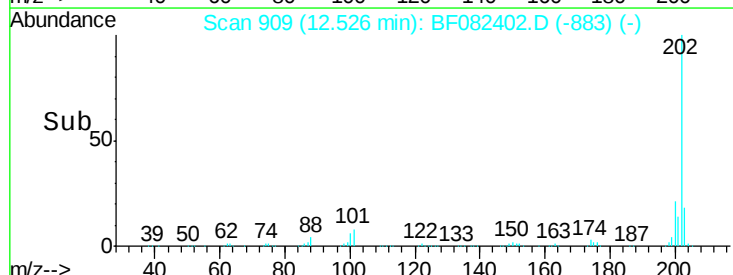
203 17.7 0.0 37.8

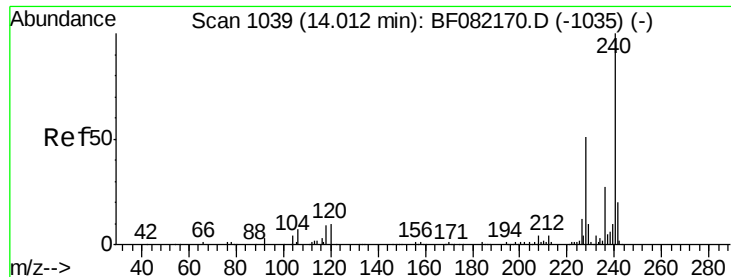


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.05 min Scan# 1042

Delta R.T. 0.03 min

Lab File: BF082402.D

Acq: 21 Oct 2015 14:13

Instrument :

BNA_F

ClientSampleId :

PB86203BS

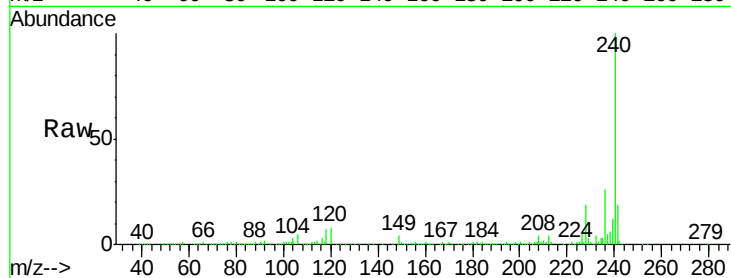
Tot Ion:240 Resp: 349489

Ion Ratio Lower Upper

240 100

120 8.1 8.1 12.1

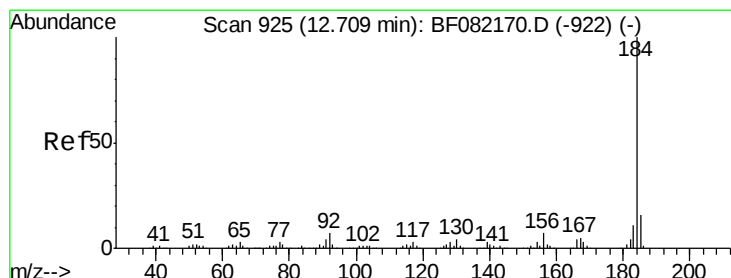
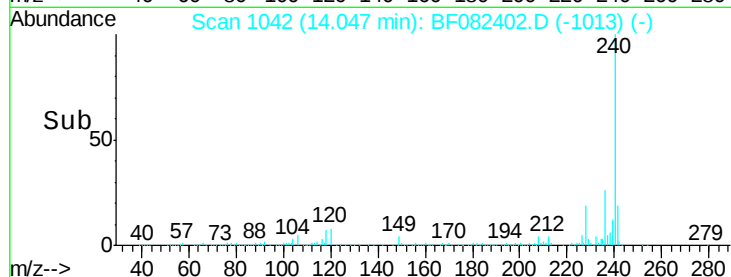
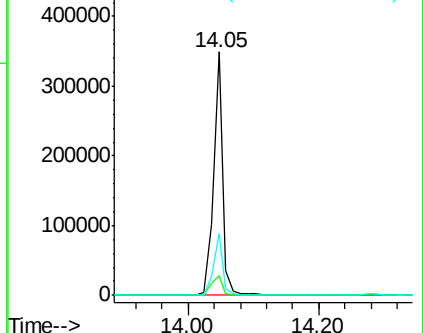
236 25.7 21.3 31.9



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: 20.67 ng

RT: 12.65 min Scan# 920

Delta R.T. -0.00 min

Lab File: BF082402.D

Acq: 21 Oct 2015 14:13

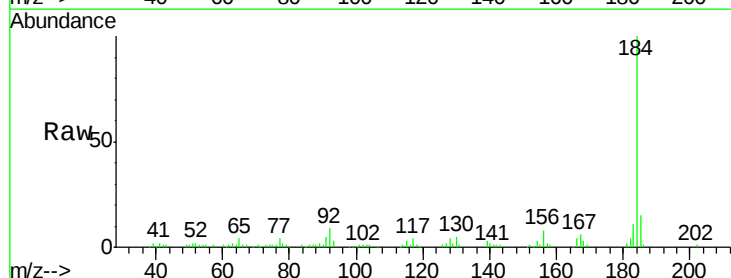
Tgt Ion:184 Resp: 209364

Ion Ratio Lower Upper

184 100

185 14.8 12.5 18.7

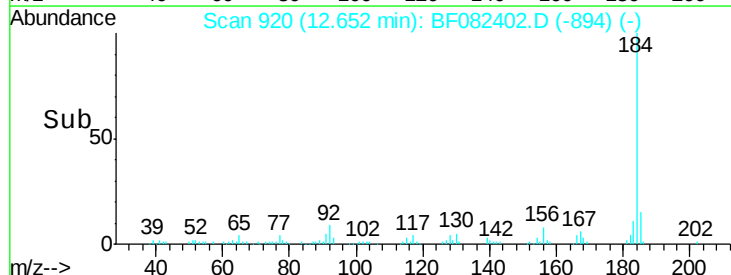
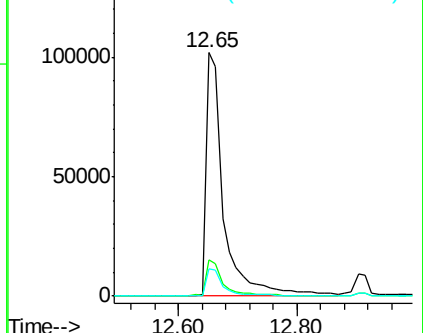
183 11.5 9.1 13.7

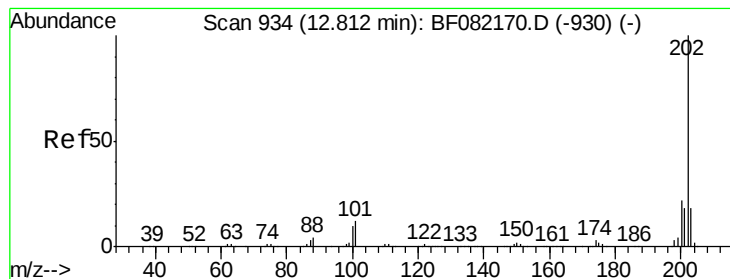


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 31.90 ng

RT: 12.75 min Scan# 929

Delta R.T. -0.00 min

Lab File: BF082402.D

Acq: 21 Oct 2015 14:13

Instrument :

BNA_F

ClientSampleId :

PB86203BS

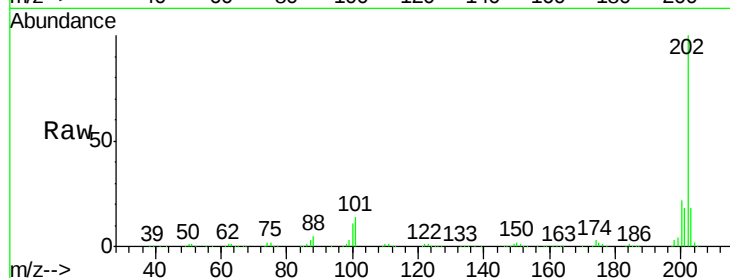
Tot Ion:202 Resp: 661700

Ion Ratio Lower Upper

202 100

200 21.9 17.9 26.9

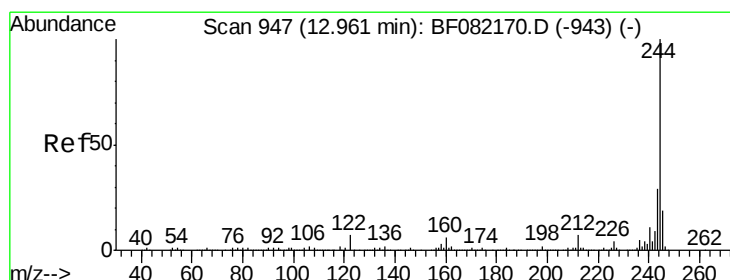
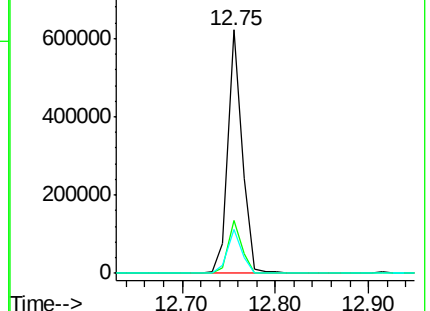
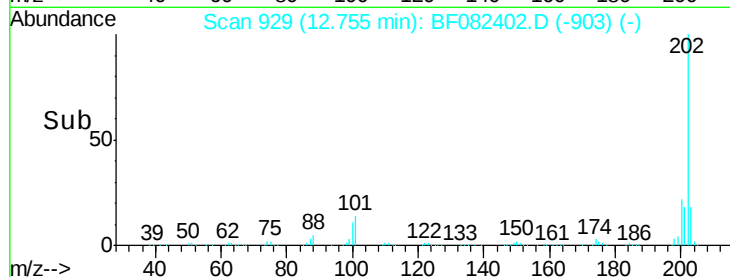
203 18.1 14.5 21.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 70.00 ng

RT: 12.91 min Scan# 943

Delta R.T. 0.01 min

Lab File: BF082402.D

Acq: 21 Oct 2015 14:13

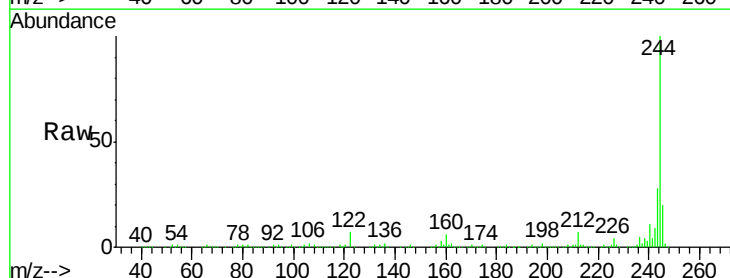
Tgt Ion:244 Resp: 923268

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

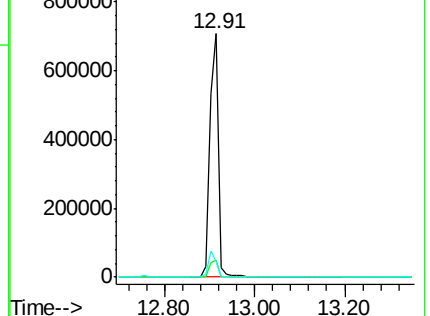
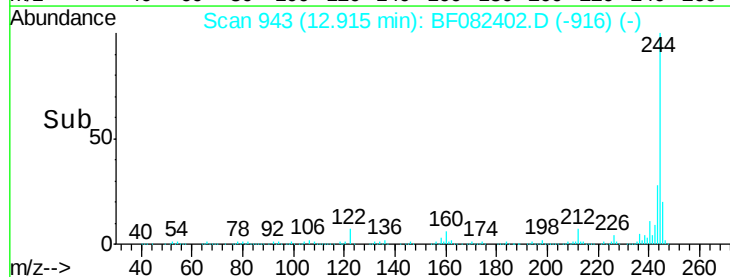
122 6.6 5.9 8.9

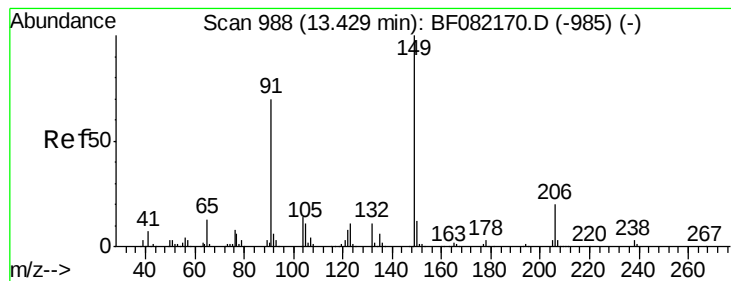


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 33.19 ng

RT: 13.42 min Scan# 987

Delta R.T. 0.02 min

Lab File: BF082402.D

Acq: 21 Oct 2015 14:13

Instrument :

BNA_F

ClientSampleId :

PB86203BS

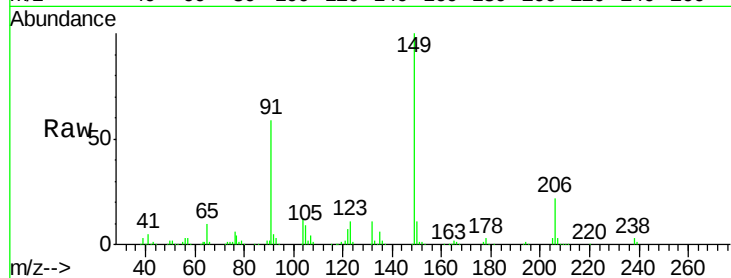
Tot Ion:149 Resp: 314113

Ion Ratio Lower Upper

149 100

91 59.2 55.7 83.5

206 22.1 15.6 23.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

400000

300000

200000

100000

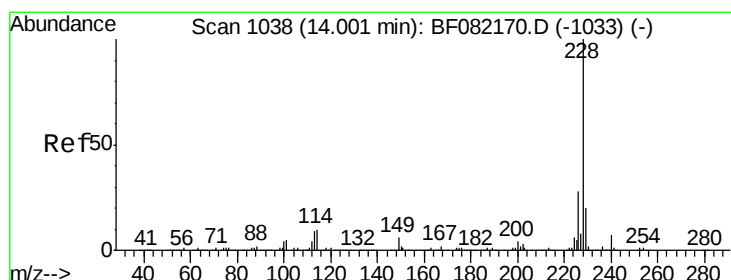
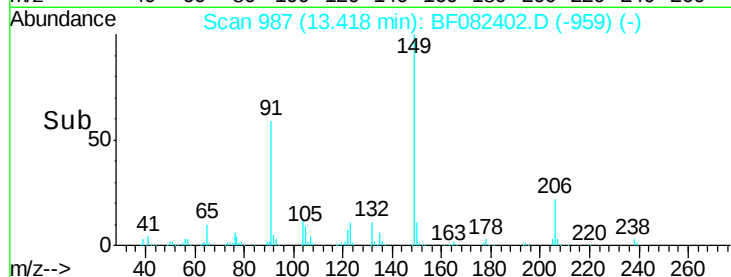
0

13.42

13.40

13.50

Time-->



#80

Benzo(a)anthracene

Concen: 32.86 ng

RT: 14.04 min Scan# 1041

Delta R.T. 0.05 min

Lab File: BF082402.D

Acq: 21 Oct 2015 14:13

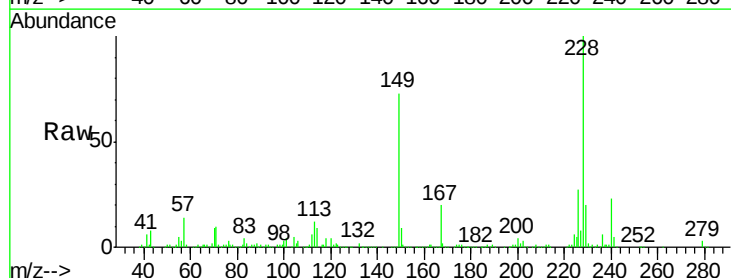
Tgt Ion:228 Resp: 597547

Ion Ratio Lower Upper

228 100

226 27.1 22.3 33.5

229 19.7 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

600000

500000

400000

300000

200000

100000

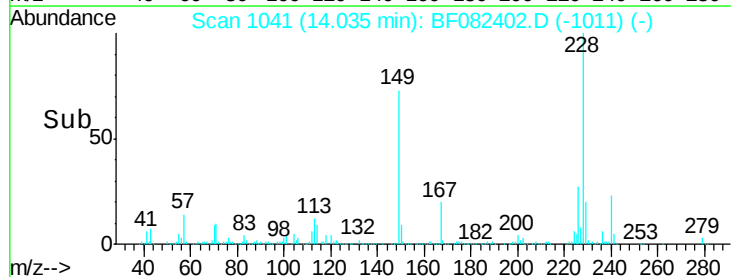
0

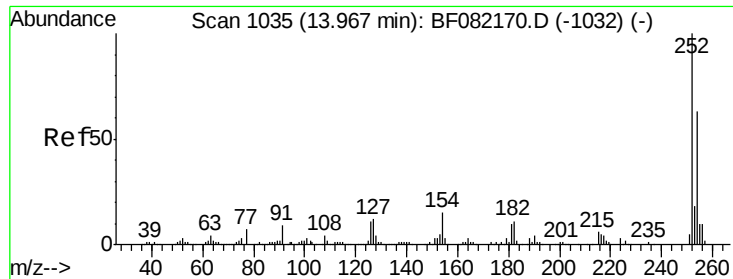
14.04

14.00

14.05

Time-->

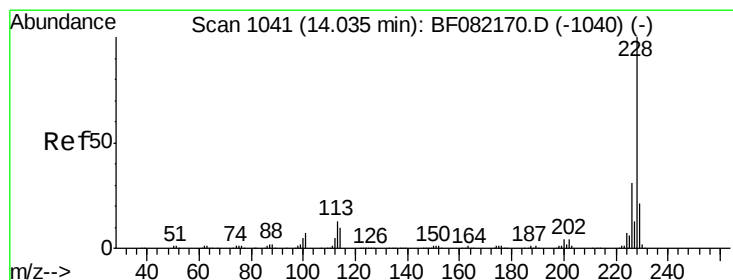
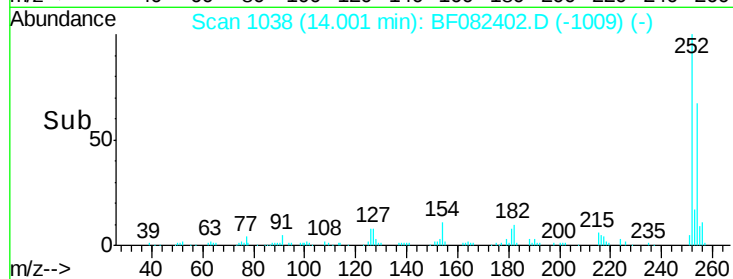
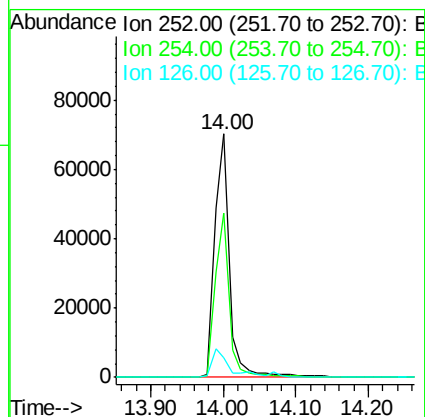
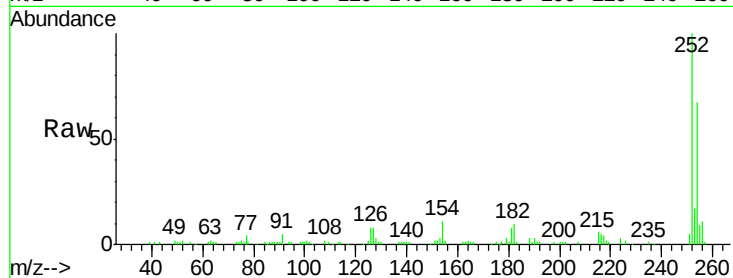




#81
 3,3'-Dichlorobenzidine
 Concen: 14.35 ng
 RT: 14.00 min Scan# 1038
 Delta R.T. 0.03 min
 Lab File: BF082402.D
 Acq: 21 Oct 2015 14:13

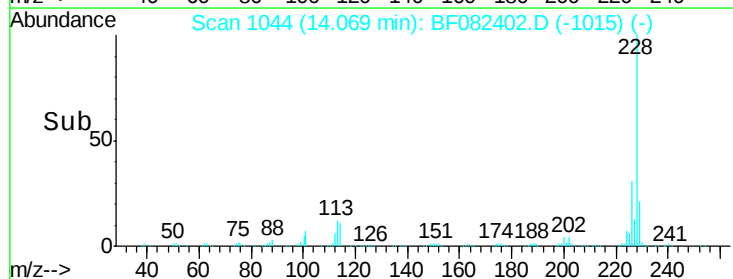
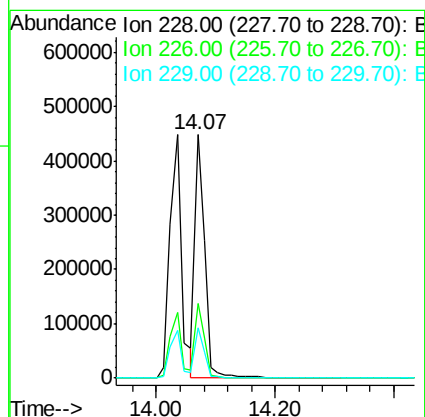
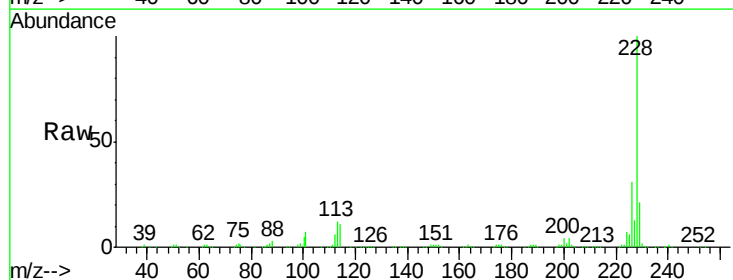
Instrument :
 BNA_F
 ClientSampleId :
 PB86203BS

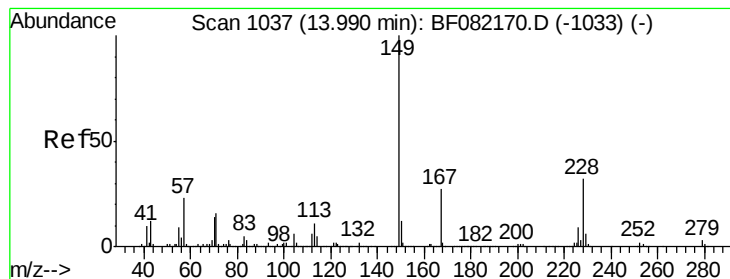
Tot Ion:252 Resp: 99065
 Ion Ratio Lower Upper
 252 100
 254 67.4 50.7 76.1
 126 8.2 9.0 13.6#



#82
 Chrysene
 Concen: 27.13 ng
 RT: 14.07 min Scan# 1044
 Delta R.T. 0.03 min
 Lab File: BF082402.D
 Acq: 21 Oct 2015 14:13

Tgt Ion:228 Resp: 519774
 Ion Ratio Lower Upper
 228 100
 226 31.0 24.4 36.6
 229 20.5 16.3 24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 31.53 ng

RT: 14.04 min Scan# 1041

Delta R.T. 0.05 min

Lab File: BF082402.D

Acq: 21 Oct 2015 14:13

Instrument :

BNA_F

ClientSampleId :

PB86203BS

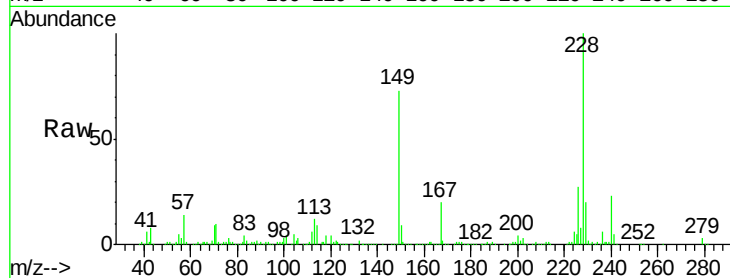
Tot Ion:149 Resp: 425793

Ion Ratio Lower Upper

149 100

167 27.4 21.3 31.9

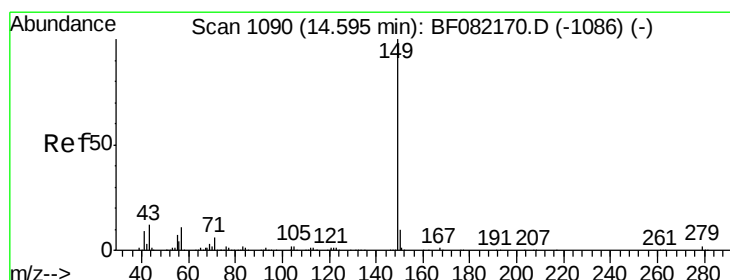
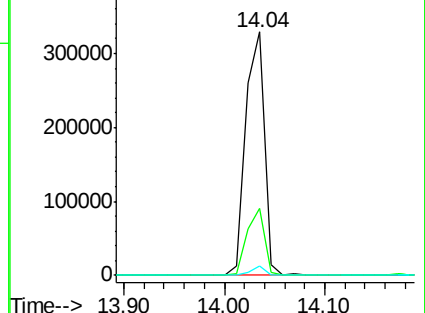
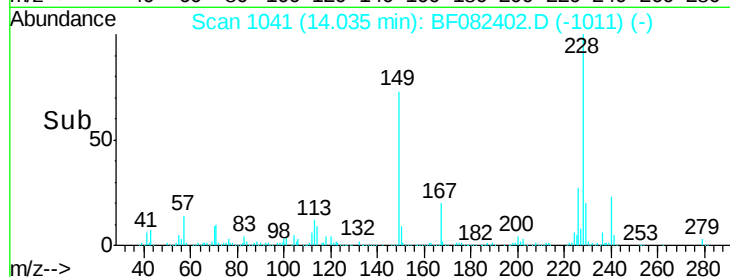
279 3.8 2.6 4.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 30.99 ng

RT: 14.74 min Scan# 1103

Delta R.T. 0.07 min

Lab File: BF082402.D

Acq: 21 Oct 2015 14:13

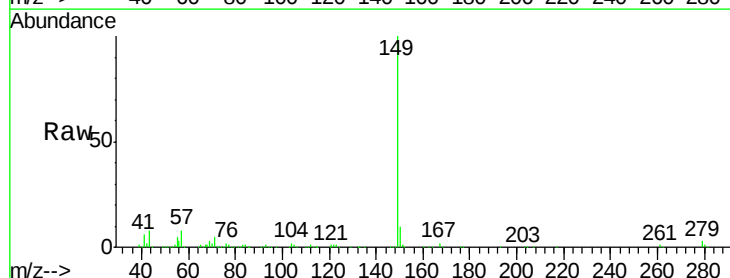
Tgt Ion:149 Resp: 718766

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

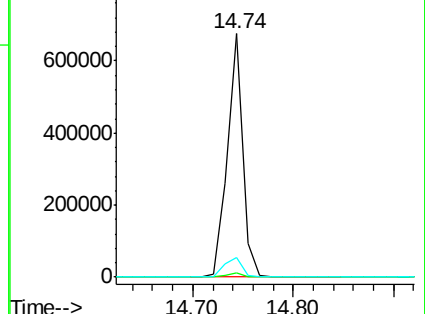
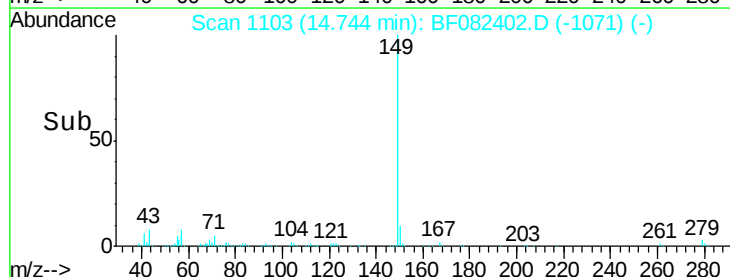
43 9.0 7.4 11.2



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

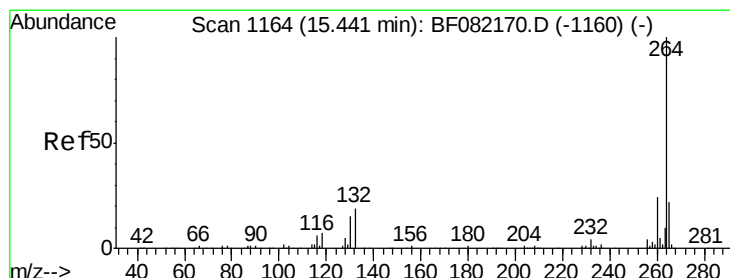
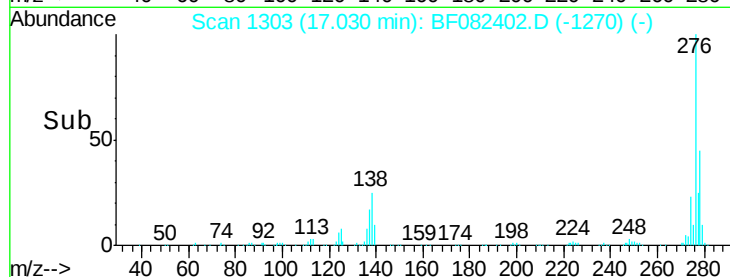
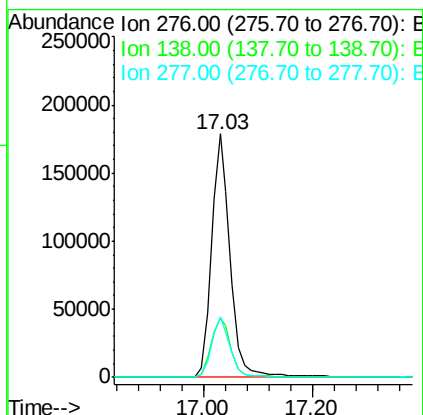
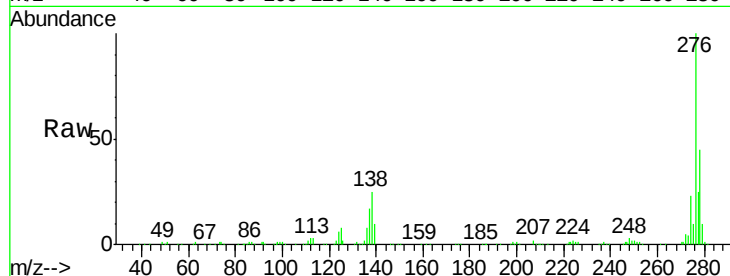




#85
Indeno(1,2,3-cd)pyrene
Concen: 28.23 ng
RT: 17.03 min Scan# 1303
Delta R.T. 0.08 min
Lab File: BF082402.D
Acq: 21 Oct 2015 14:13

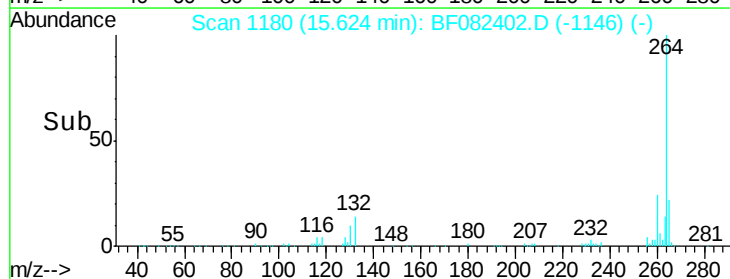
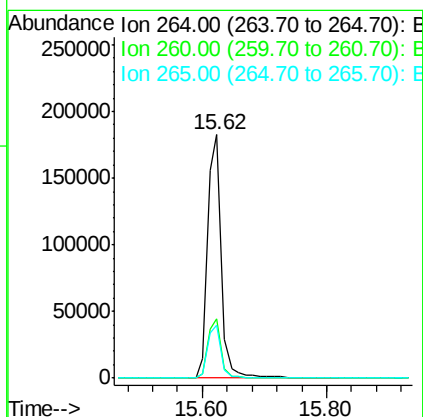
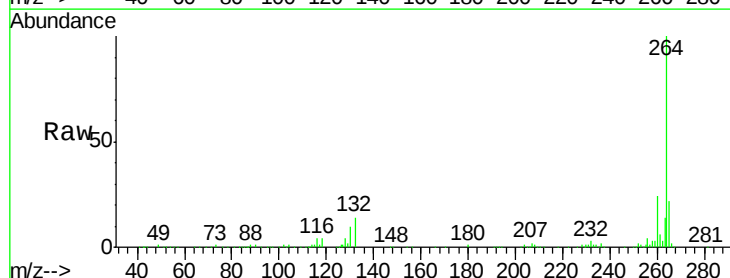
Instrument :
BNA_F
ClientSampleId :
PB86203BS

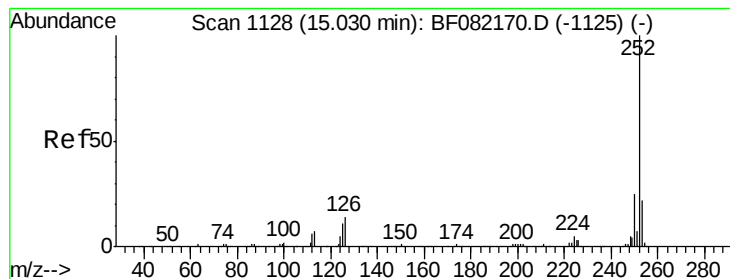
Tot Ion:276 Resp: 429949
Ion Ratio Lower Upper
276 100
138 26.3 19.7 29.5
277 24.8 20.1 30.1



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.62 min Scan# 1180
Delta R.T. 0.09 min
Lab File: BF082402.D
Acq: 21 Oct 2015 14:13

Tgt Ion:264 Resp: 277591
Ion Ratio Lower Upper
264 100
260 24.1 19.0 28.6
265 21.5 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 60.26 ng

RT: 15.24 min Scan# 1146

Delta R.T. 0.10 min

Lab File: BF082402.D

Acq: 21 Oct 2015 14:13

Instrument :

BNA_F

ClientSampleId :

PB86203BS

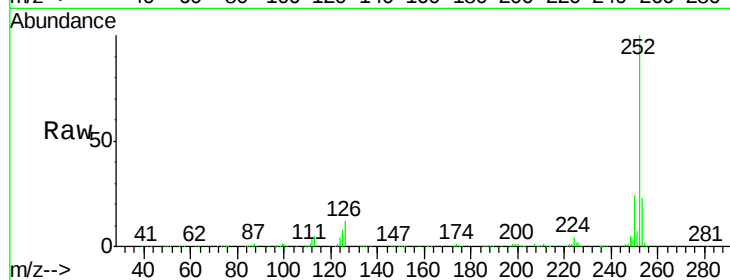
Tot Ion:252 Resp: 1017783

Ion Ratio Lower Upper

252 100

253 22.6 18.0 27.0

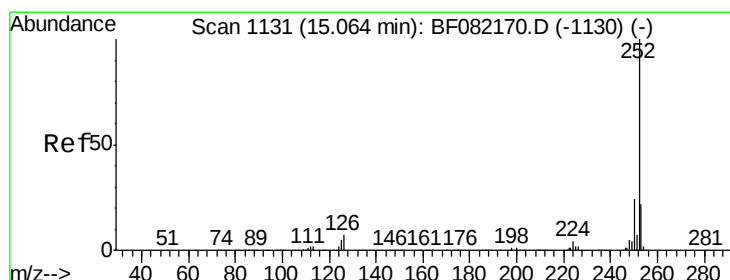
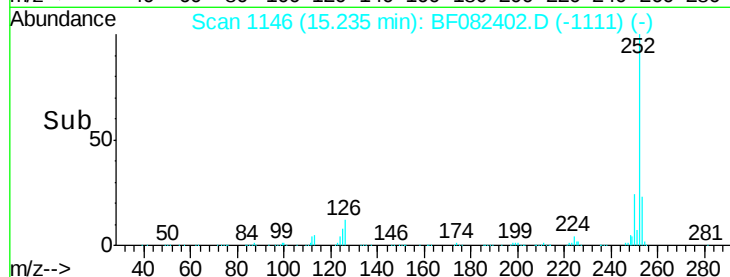
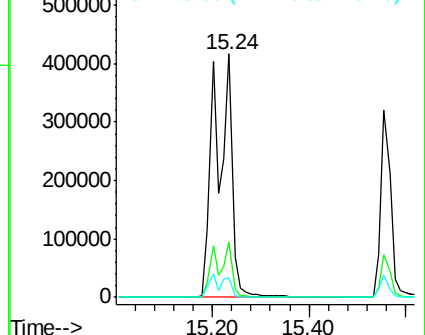
125 8.1 8.6 12.8#



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: 71.79 ng

RT: 15.24 min Scan# 1146

Delta R.T. 0.08 min

Lab File: BF082402.D

Acq: 21 Oct 2015 14:13

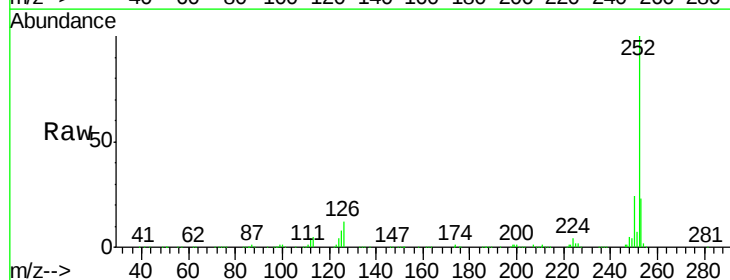
Tgt Ion:252 Resp: 1019105

Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.6

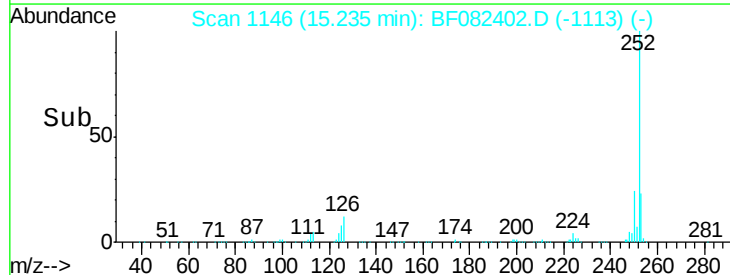
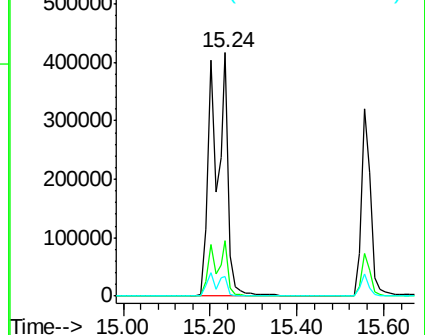
125 8.1 6.7 10.1



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: 31.85 ng

RT: 15.56 min Scan# 1174

Delta R.T. 0.08 min

Lab File: BF082402.D

Acq: 21 Oct 2015 14:13

Instrument :

BNA_F

ClientSampleId :

PB86203BS

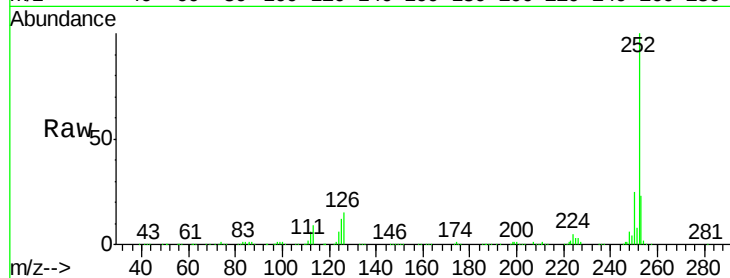
Tot Ion:252 Resp: 462318

Ion Ratio Lower Upper

252 100

253 23.0 18.2 27.2

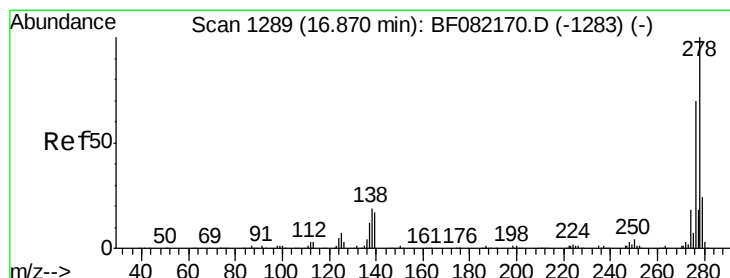
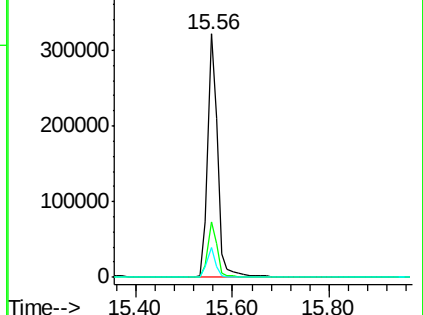
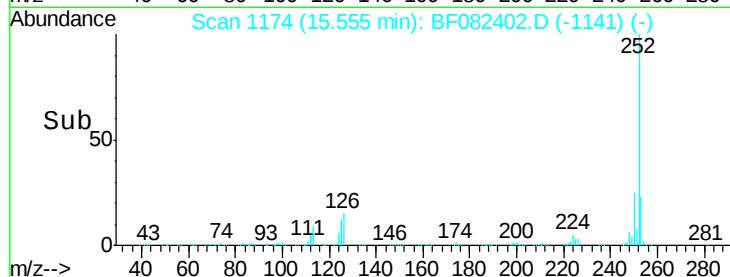
125 12.2 8.9 13.3



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: 30.78 ng

RT: 17.04 min Scan# 1304

Delta R.T. 0.08 min

Lab File: BF082402.D

Acq: 21 Oct 2015 14:13

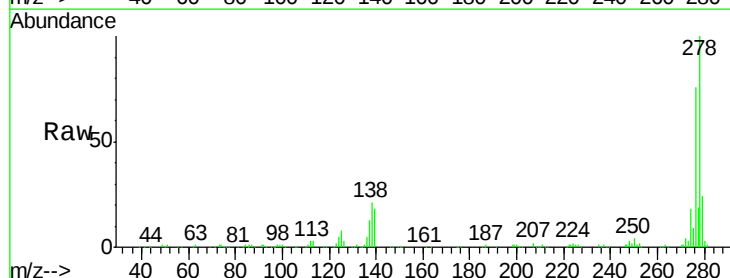
Tgt Ion:278 Resp: 366069

Ion Ratio Lower Upper

278 100

139 17.9 13.3 19.9

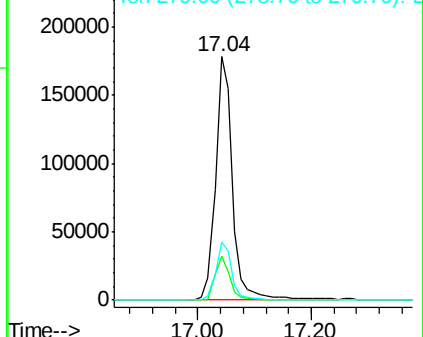
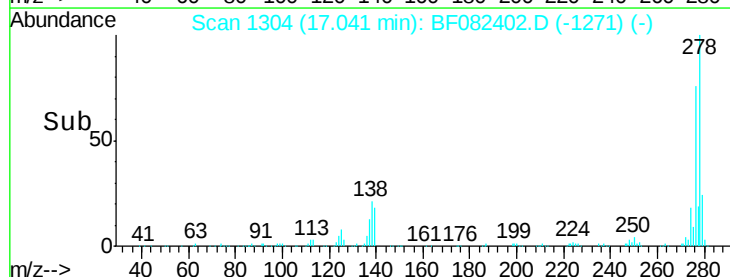
279 23.8 18.9 28.3

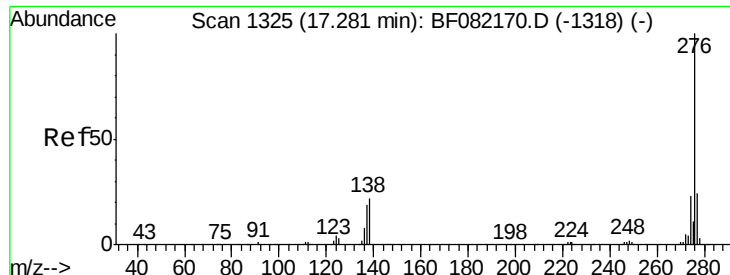


Abundance Ion 278.00 (277.70 to 278.70): E

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: 30.03 ng
 RT: 17.45 min Scan# 1340
 Delta R.T. 0.09 min
 Lab File: BF082402.D
 Acq: 21 Oct 2015 14:13

Instrument :
 BNA_F
 ClientSampleId :
 PB86203BS

Tot Ion:	276	Resp:	346973
Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.8	28.2
138	21.3	17.4	26.2

