

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101415\
 Data File : BF082258.D
 Acq On : 13 Oct 2015 17:08
 Operator : UM/IZ
 Sample : PB86079BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86079BS

Quant Time: Oct 14 01:17:56 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 14 01:15:23 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	80016	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	313838	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	156658	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	300322	20.00	ng	-0.01
75) Chrysene-d12	14.10	240	290417	20.00	ng	-0.03
86) Perylene-d12	15.70	264	280284	20.00	ng	-0.07

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	501085	126.39	ng	0.01
7) Phenol-d6	6.47	99	623569	120.86	ng	0.00
23) Nitrobenzene-d5	7.39	82	383985	82.16	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	188539	128.33	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	833780	88.26	ng	0.00
78) Terphenyl-d14	12.97	244	867954	79.20	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.46	88	59688	29.96	ng	98
3) Pyridine	3.17	79	165167	35.65	ng	97
4) n-Nitrosodimethylamine	3.13	42	69853	35.55	ng	96
6) Aniline	6.49	93	173860	26.14	ng	96
8) 2-Chlorophenol	6.61	128	175956	36.35	ng	# 77
9) Benzaldehyde	6.38	77	89613	34.01	ng	91
10) Phenol	6.48	94	236696	39.79	ng	98
11) bis(2-Chloroethyl)ether	6.57	93	184672	36.71	ng	95
12) 1,3-Dichlorobenzene	6.77	146	211805	37.58	ng	98
13) 1,4-Dichlorobenzene	6.85	146	220006	37.38	ng	98
14) 1,2-Dichlorobenzene	6.99	146	200205	35.82	ng	97
15) Benzyl Alcohol	6.97	79	137383	38.57	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.11	45	251843	35.95	ng	99
17) 2-Methylphenol	7.10	107	142451	37.22	ng	98
18) Hexachloroethane	7.34	117	74723	37.09	ng	93
19) n-Nitroso-di-n-propylamine	7.25	70	120510	33.26	ng	# 88
20) 3+4-Methylphenols	7.25	107	178429	39.12	ng	95
22) Acetophenone	7.25	105	248684	40.06	ng	# 96
24) Nitrobenzene	7.42	77	187431	37.05	ng	95
25) Isophorone	7.66	82	347279	36.82	ng	98
26) 2-Nitrophenol	7.74	139	104071	41.20	ng	98
27) 2,4-Dimethylphenol	7.77	122	157975	38.82	ng	99
28) bis(2-Chloroethoxy)methane	7.87	93	221588	40.38	ng	99
29) 2,4-Dichlorophenol	7.98	162	174516	42.90	ng	98
30) 1,2,4-Trichlorobenzene	8.06	180	176379	37.62	ng	99
31) Naphthalene	8.14	128	517074	38.01	ng	100
32) Benzoic acid	7.90	122	82168	30.09	ng	97
33) 4-Chloroaniline	8.19	127	91753	16.24	ng	97
34) Hexachlorobutadiene	8.25	225	108643	37.18	ng	99
35) Caprolactam	8.56	113	47995	40.65	ng	# 70
36) 4-Chloro-3-methylphenol	8.69	107	171900	43.21	ng	89
37) 2-Methylnaphthalene	8.83	142	378773	40.16	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	172106	36.94	ng	97
40) Hexachlorocyclopentadiene	8.98	237	170053	72.94	ng	97

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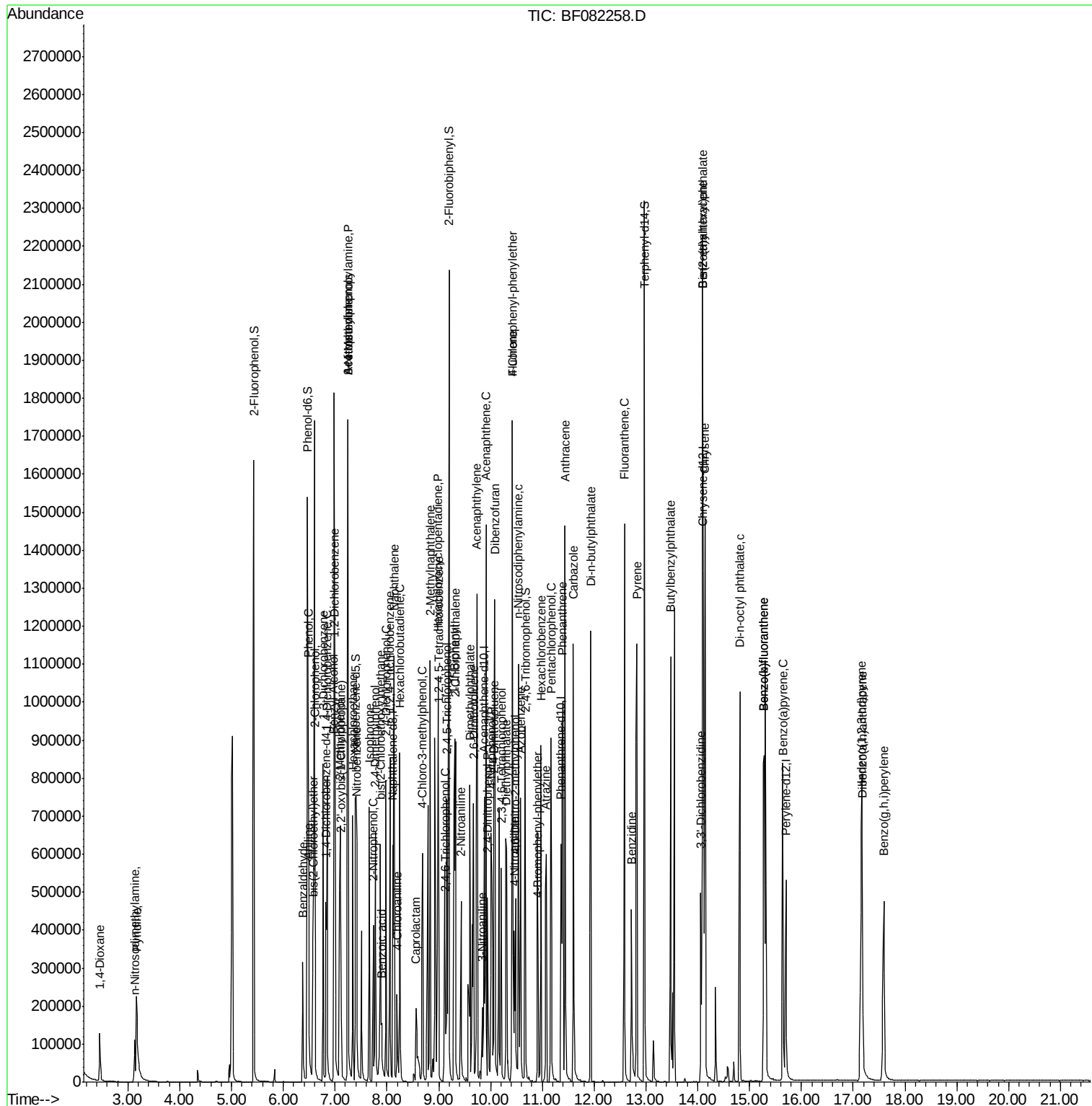
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	111371	35.99	nq	98
43) 2,4,5-Trichlorophenol	9.15	196	130175	38.83	nq	# 92
45) 1,1'-Biphenyl	9.30	154	444151	37.18	nq	95
46) 2-Chloronaphthalene	9.33	162	364943	38.81	nq	99
47) 2-Nitroaniline	9.43	65	103715	40.17	nq	# 71
48) Acenaphthylene	9.74	152	562021	38.36	nq	100
49) Dimethylphthalate	9.60	163	392158	35.55	nq	100
50) 2,6-Dinitrotoluene	9.67	165	94724	40.70	nq	90
51) Acenaphthene	9.91	154	322741	36.70	nq	98
52) 3-Nitroaniline	9.84	138	52167	19.84	nq	99
53) 2,4-Dinitrophenol	9.94	184	84081	65.87	nq	# 70
54) Dibenzofuran	10.08	168	479743	39.73	nq	97
55) 4-Nitrophenol	10.01	139	133728	75.36	nq	99
56) 2,4-Dinitrotoluene	10.07	165	115304	39.63	nq	89
57) Fluorene	10.42	166	383150	38.64	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	110922	40.49	nq	95
59) Diethylphthalate	10.31	149	403374	39.23	nq	95
60) 4-Chlorophenyl-phenylether	10.42	204	179133	39.43	nq	# 81
61) 4-Nitroaniline	10.46	138	97668	38.30	nq	100
62) Azobenzene	10.58	77	406435	40.39	nq	87
64) 4,6-Dinitro-2-methylphenol	10.48	198	63133	37.46	nq	81
65) n-Nitrosodiphenylamine	10.54	169	332407	36.97	nq	100
66) 4-Bromophenyl-phenylether	10.91	248	113081	37.62	nq	# 79
67) Hexachlorobenzene	10.97	284	129352	39.79	nq	# 85
68) Atrazine	11.07	200	117804	41.35	nq	95
69) Pentachlorophenol	11.17	266	124924	74.69	nq	98
70) Phenanthrene	11.39	178	602951	40.96	nq	99
71) Anthracene	11.44	178	632835	41.72	nq	100
72) Carbazole	11.60	167	554179	40.05	nq	99
73) Di-n-butylphthalate	11.93	149	673103	39.43	nq	99
74) Fluoranthene	12.58	202	638582	40.39	nq	99
76) Benzidine	12.72	184	303353	36.04	nq	98
77) Pyrene	12.82	202	683945	39.68	nq	98
79) Butylbenzylphthalate	13.48	149	276209	35.12	nq	97
80) Benzo(a)anthracene	14.09	228	578728	38.30	nq	100
81) 3,3'-Dichlorobenzidine	14.06	252	143036	24.94	nq	99
82) Chrysene	14.14	228	597278	37.51	nq	100
83) Bis(2-ethylhexyl)phthalate	14.09	149	364361	32.47	nq	98
84) Di-n-octyl phthalate	14.81	149	649454	33.70	nq	99
85) Indeno(1,2,3-cd)pyrene	17.16	276	559533	44.21	nq	99
87) Benzo(b)fluoranthene	15.28	252	627340	36.79	nq	# 96
88) Benzo(k)fluoranthene	15.28	252	627340	43.77	nq	98
89) Benzo(a)pyrene	15.65	252	572637	39.07	nq	# 95
90) Dibenzo(a,h)anthracene	17.18	278	469648	39.11	nq	# 96
91) Benzo(g,h,i)perylene	17.59	276	448432	38.44	nq	99

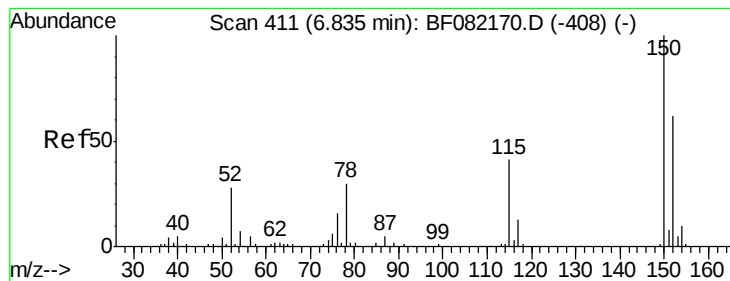
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF082258.D

Acq: 13 Oct 2015 17:08

Instrument :

BNA_F

ClientSampleId :

PB86079BS

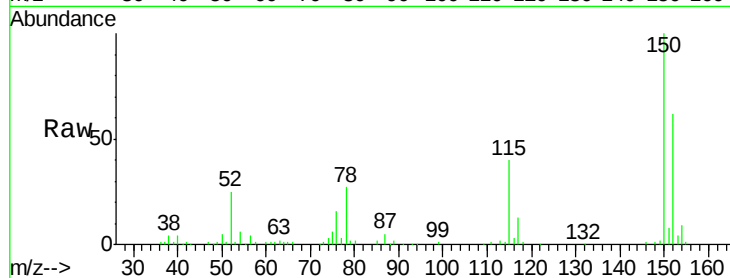
Tot Ion:152 Resp: 80016

Ion Ratio Lower Upper

152 100

150 160.5 129.0 193.4

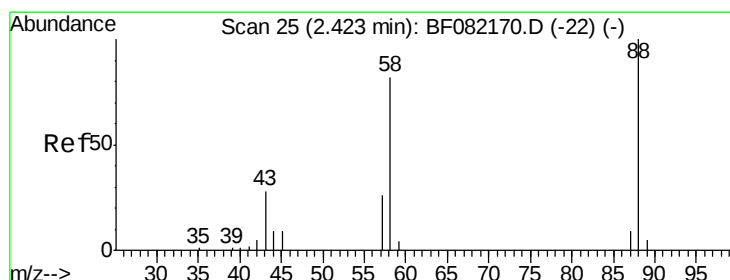
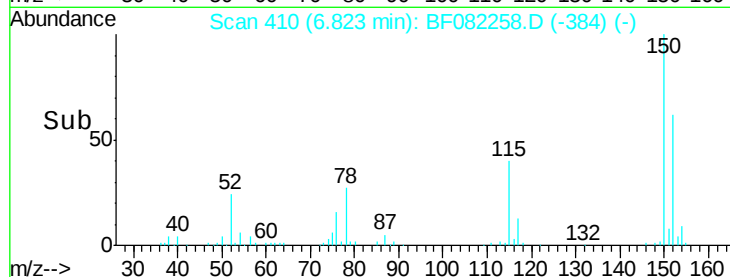
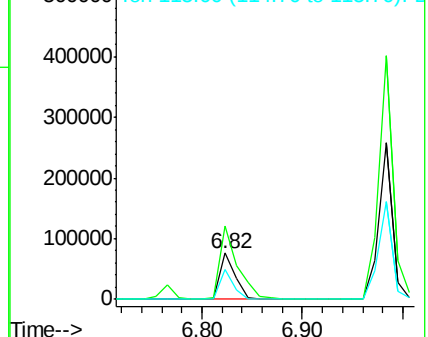
115 63.7 52.1 78.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 29.96 ng

RT: 2.46 min Scan# 28

Delta R.T. 0.08 min

Lab File: BF082258.D

Acq: 13 Oct 2015 17:08

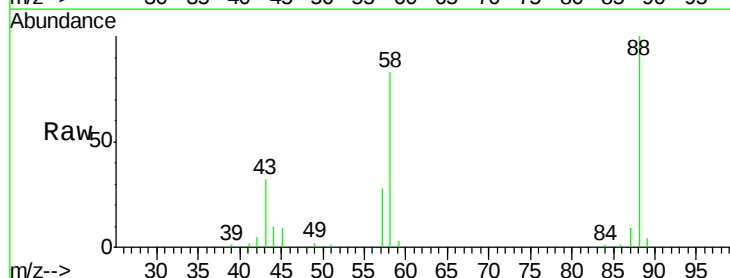
Tgt Ion: 88 Resp: 59688

Ion Ratio Lower Upper

88 100

58 84.0 66.2 99.4

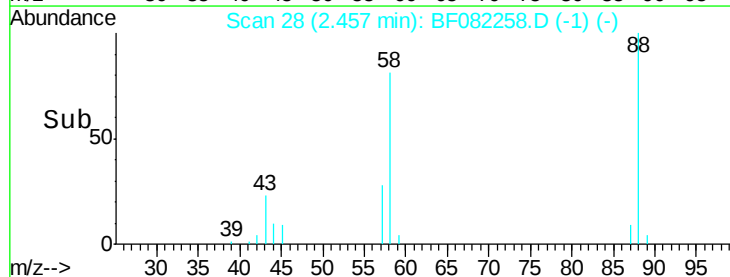
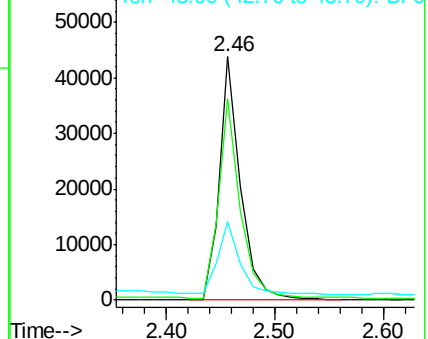
43 31.4 23.0 34.4

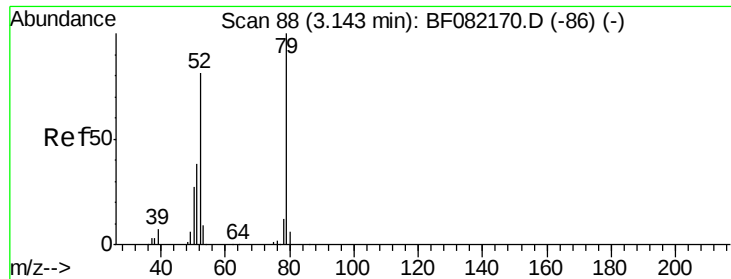


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

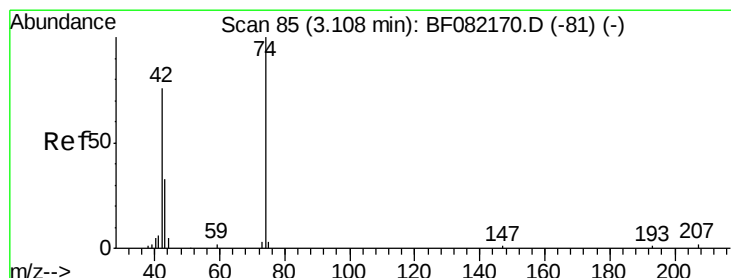
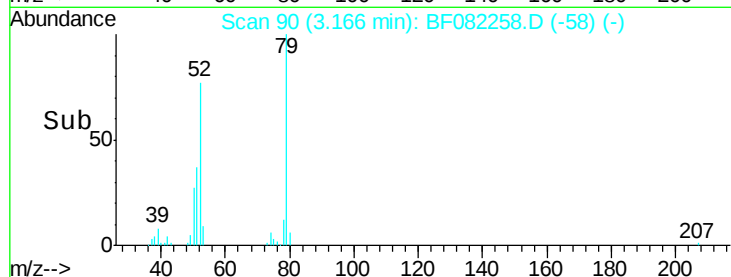
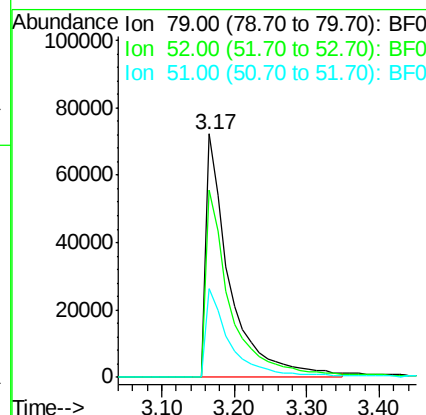
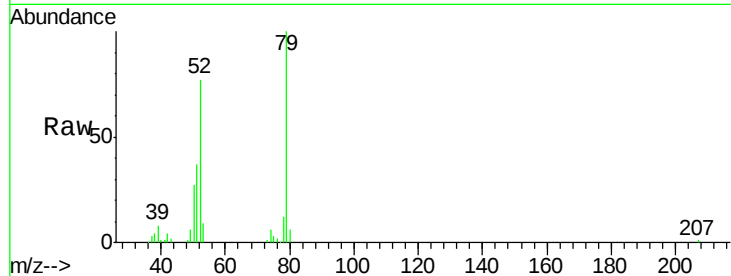




#3
 Pvridine
 Concen: 35.65 ng
 RT: 3.17 min Scan# 90
 Delta R.T. 0.07 min
 Lab File: BF082258.D
 Acq: 13 Oct 2015 17:08

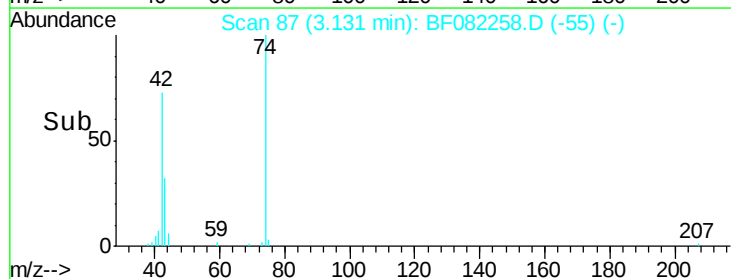
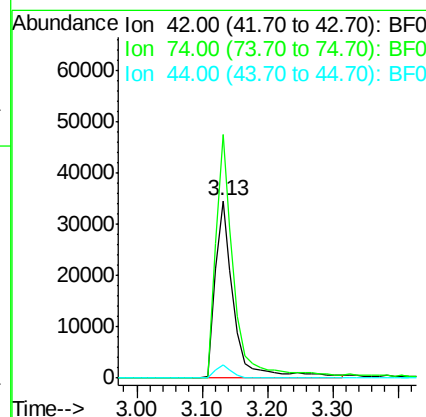
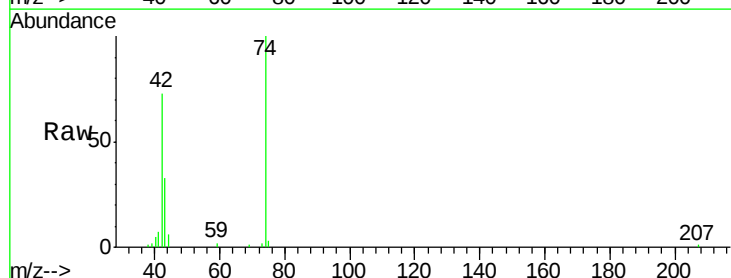
Instrument :
 BNA_F
 ClientSampleId :
 PB86079BS

Tot Ion: 79 Resp: 165167
 Ion Ratio Lower Upper
 79 100
 52 77.1 64.4 96.6
 51 36.7 30.5 45.7



#4
 n-Nitrosodimethylamine
 Concen: 35.55 ng
 RT: 3.13 min Scan# 87
 Delta R.T. 0.07 min
 Lab File: BF082258.D
 Acq: 13 Oct 2015 17:08

Tgt Ion: 42 Resp: 69853
 Ion Ratio Lower Upper
 42 100
 74 137.2 105.7 158.5
 44 7.6 5.4 8.2





#5

2-Fluorophenol

Concen: 126.39 ng

RT: 5.43 min Scan# 288

Delta R.T. 0.01 min

Lab File: BF082258.D

Acq: 13 Oct 2015 17:08

Instrument :

BNA_F

ClientSampleId :

PB86079BS

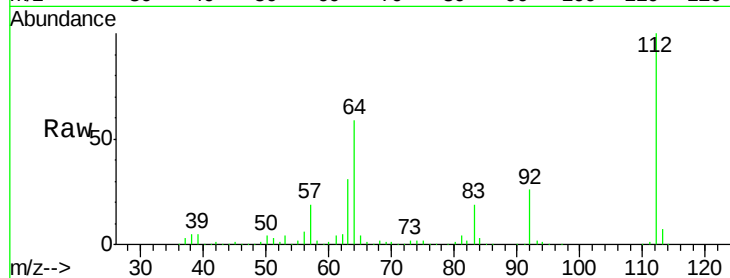
Tot Ion:112 Resp: 501085

Ion Ratio Lower Upper

112 100

64 59.0 48.6 73.0

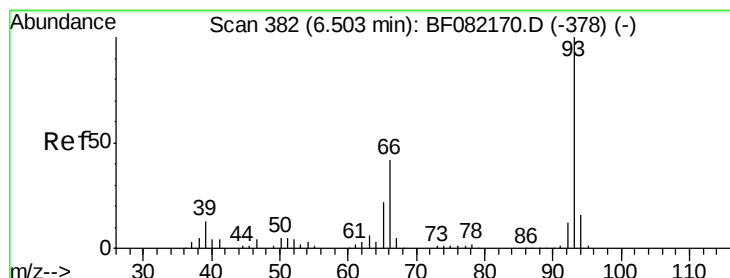
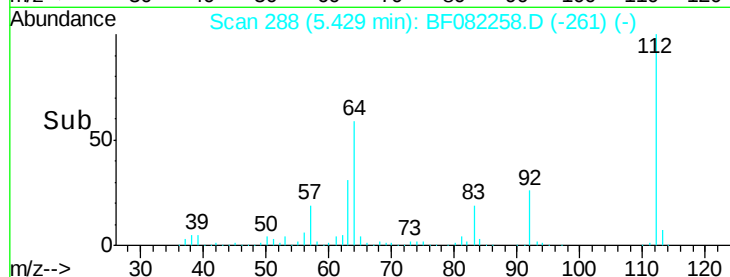
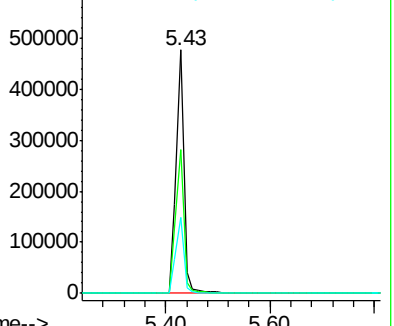
63 31.2 25.1 37.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 26.14 ng

RT: 6.49 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF082258.D

Acq: 13 Oct 2015 17:08

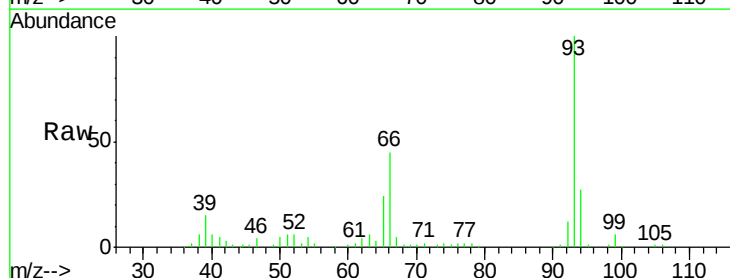
Tgt Ion: 93 Resp: 173860

Ion Ratio Lower Upper

93 100

66 45.5 34.2 51.2

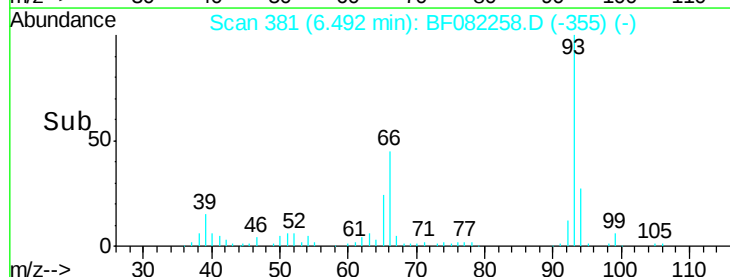
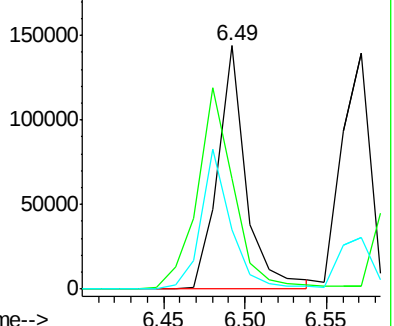
65 24.1 17.9 26.9



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: 120.86 ng

RT: 6.47 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF082258.D

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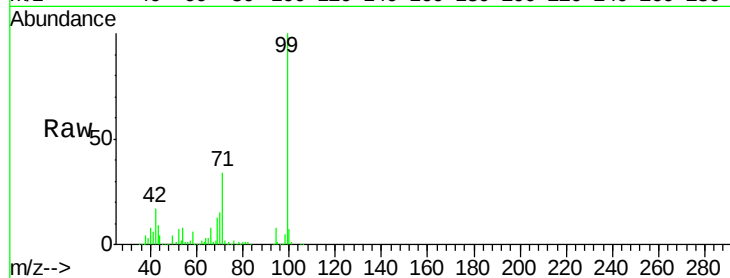
Tot Ion: 99 Resp: 623569

Ion Ratio Lower Upper

99 100

42 17.5 13.2 19.8

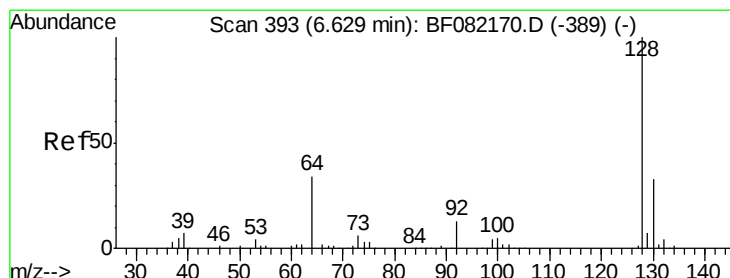
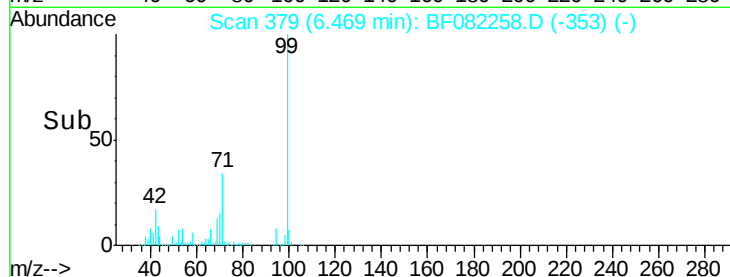
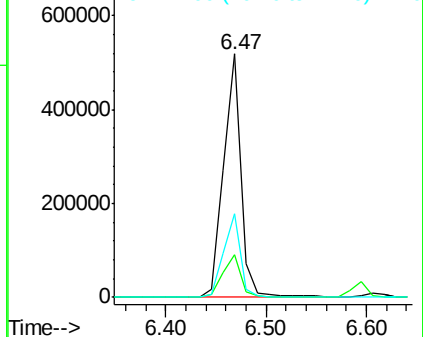
71 34.3 25.6 38.4



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: 36.35 ng

RT: 6.61 min Scan# 391

Delta R.T. -0.01 min

Lab File: BF082258.D

Acq: 13 Oct 2015 17:08

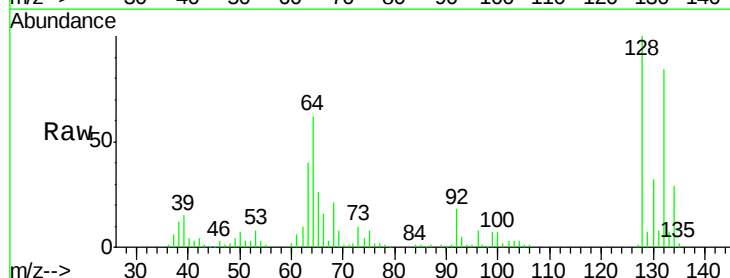
Tgt Ion: 128 Resp: 175956

Ion Ratio Lower Upper

128 100

130 31.7 12.6 52.6

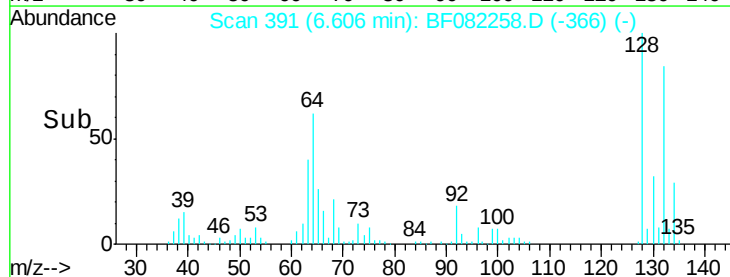
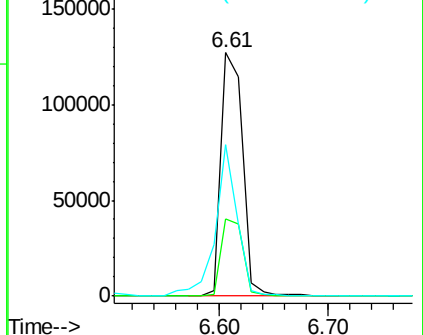
64 62.1 16.7 56.7#

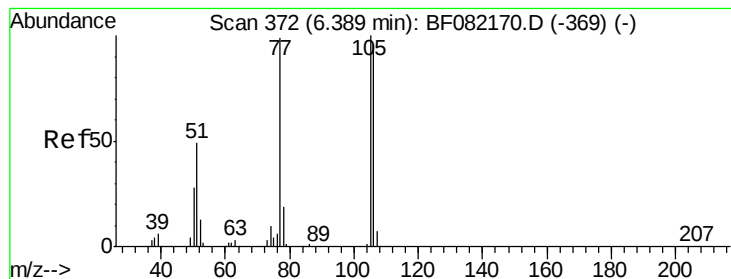


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 34.01 ng

RT: 6.38 min Scan# 371

Delta R.T. 0.00 min

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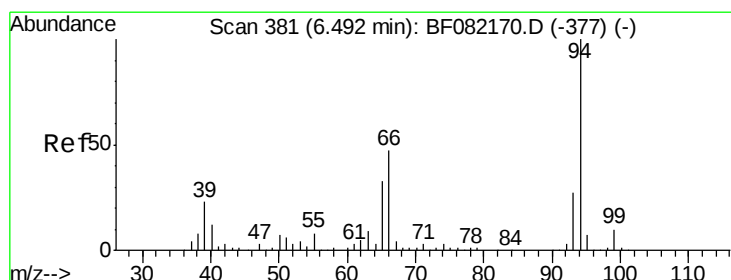
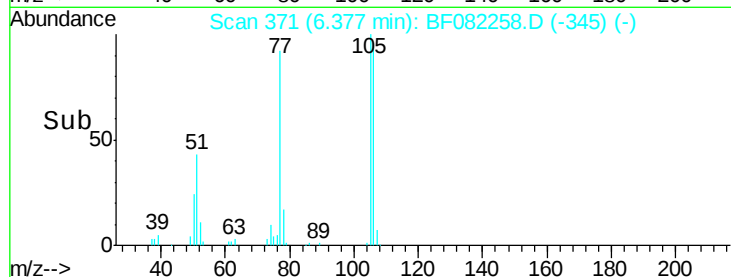
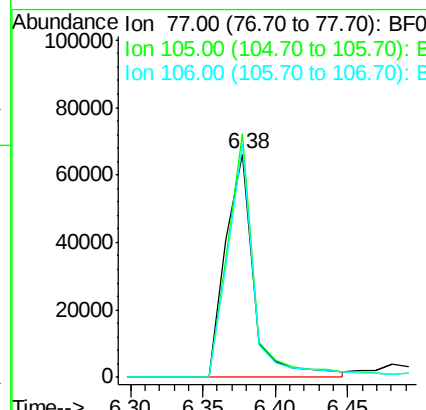
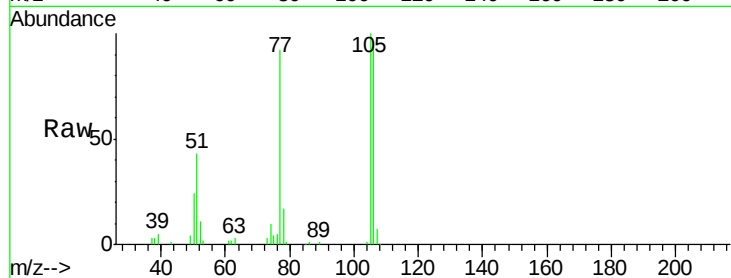
Tot Ion: 77 Resp: 89613

Ion Ratio Lower Upper

77 100

105 108.9 80.6 120.6

106 104.5 75.5 115.5



#10

Phenol

Concen: 39.79 ng

RT: 6.48 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF082258.D

Acq: 13 Oct 2015 17:08

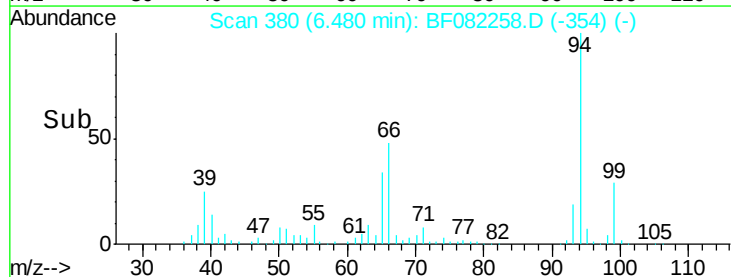
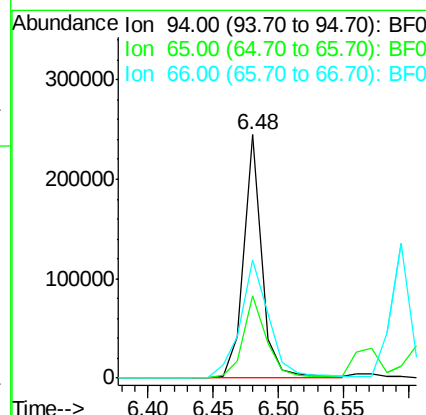
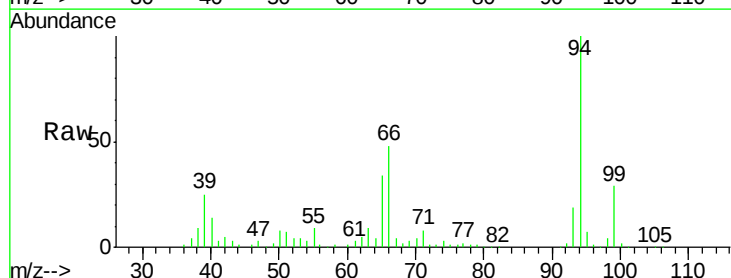
Tgt Ion: 94 Resp: 236696

Ion Ratio Lower Upper

94 100

65 33.6 12.6 52.6

66 48.5 27.3 67.3

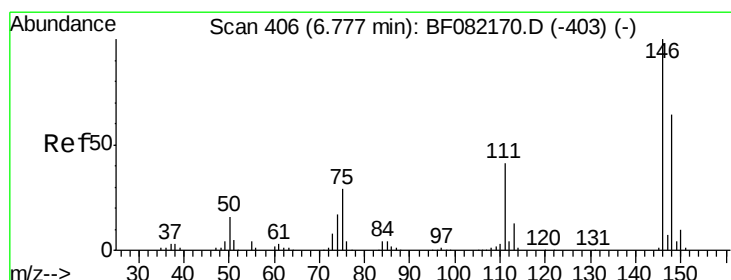
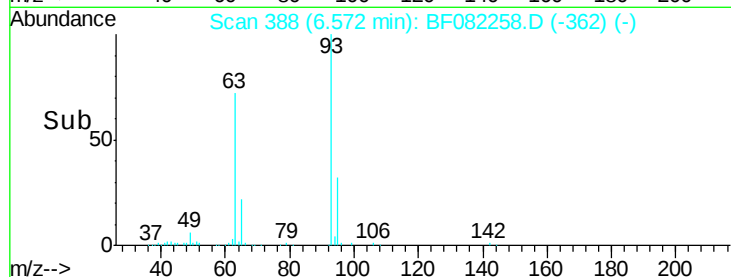
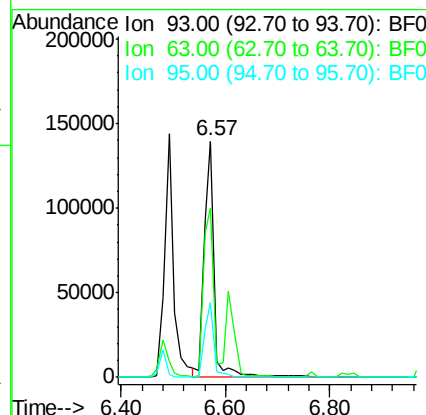
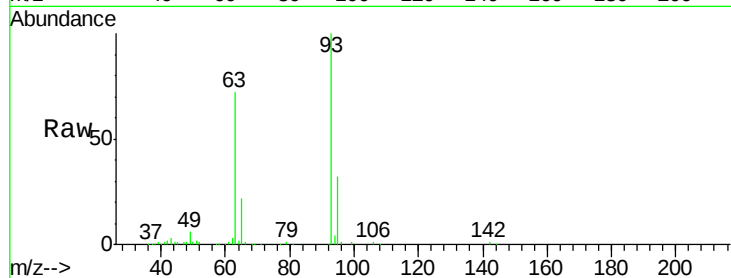




#11
bis(2-Chloroethyl)ether
Concen: 36.71 ng
RT: 6.57 min Scan# 388
Delta R.T. 0.00 min
Lab File: BF082258.D
Acq: 13 Oct 2015 17:08

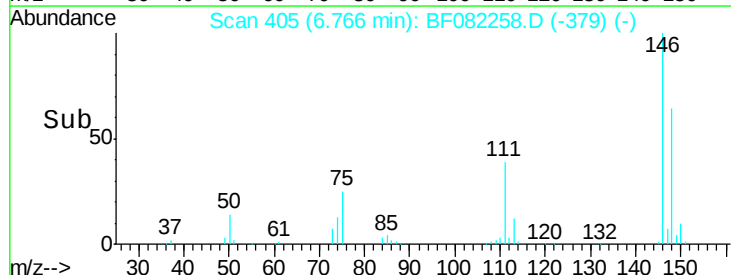
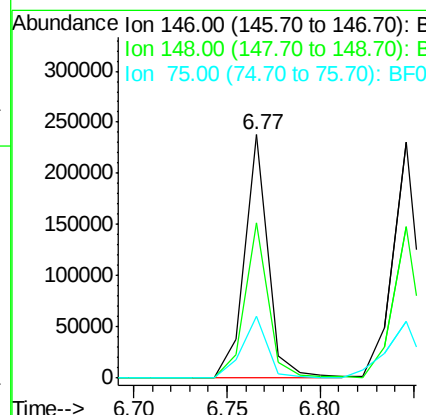
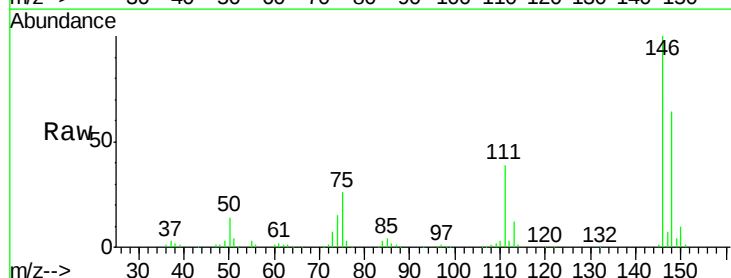
Instrument :
BNA_F
ClientSampleId :
PB86079BS

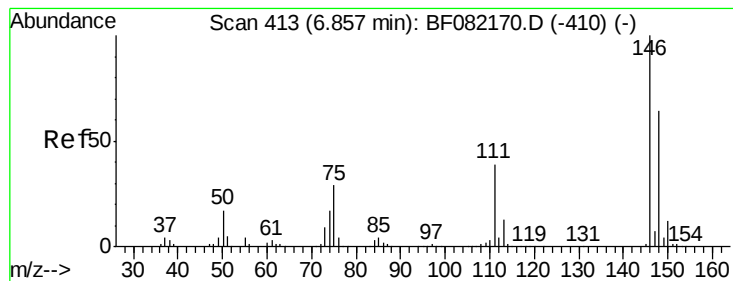
Tot Ion	93	Resp	184672
Ion Ratio	Lower	Upper	
93	100		
63	71.6	57.1	97.1
95	31.8	11.9	51.9



#12
1,3-Dichlorobenzene
Concen: 37.58 ng
RT: 6.77 min Scan# 405
Delta R.T. 0.00 min
Lab File: BF082258.D
Acq: 13 Oct 2015 17:08

Tgt Ion	146	Resp	211805
Ion Ratio	Lower	Upper	
146	100		
148	63.7	51.4	77.2
75	25.5	23.0	34.6





#13

1,4-Dichlorobenzene

Concen: 37.38 ng

RT: 6.85 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF082258.D

Acq: 13 Oct 2015 17:08

Instrument :

BNA_F

ClientSampleId :

PB86079BS

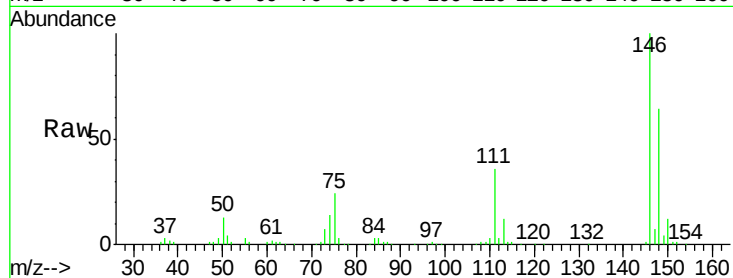
Tot Ion:146 Resp: 220006

Ion Ratio Lower Upper

146 100

148 64.1 51.0 76.4

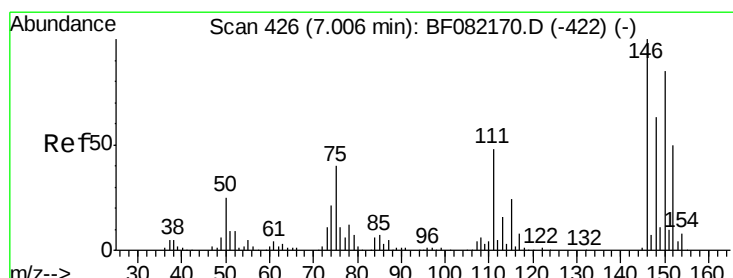
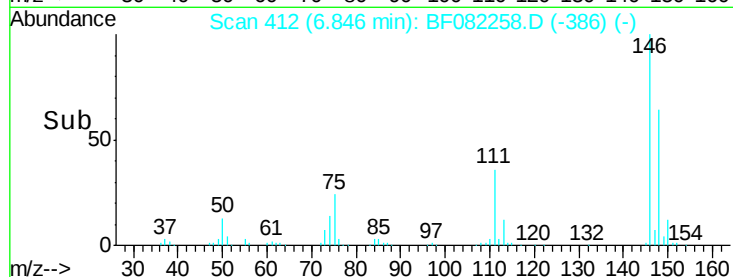
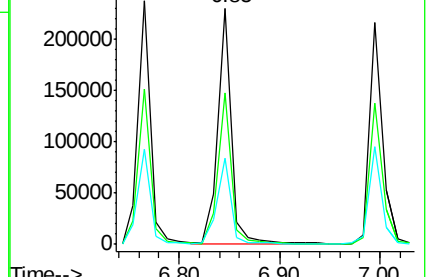
111 36.4 31.1 46.7



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: 35.82 ng

RT: 6.99 min Scan# 425

Delta R.T. 0.00 min

Lab File: BF082258.D

Acq: 13 Oct 2015 17:08

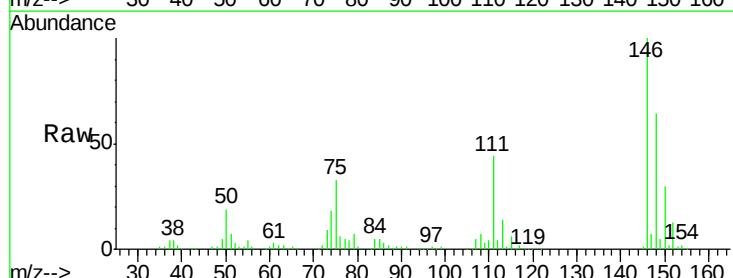
Tgt Ion:146 Resp: 200205

Ion Ratio Lower Upper

146 100

148 63.8 50.5 75.7

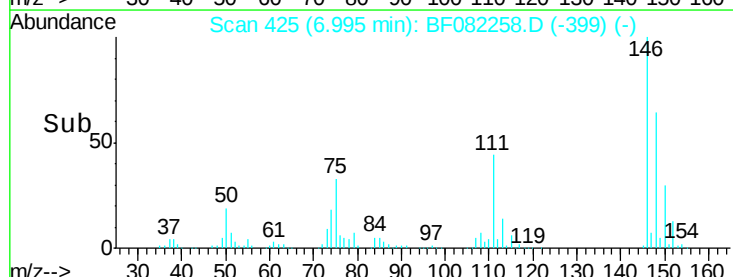
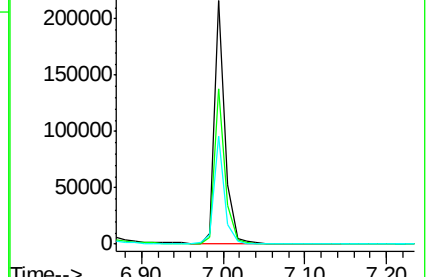
111 44.3 38.5 57.7

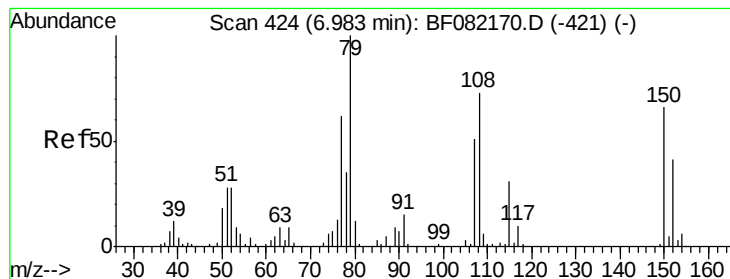


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.57 ng

RT: 6.97 min Scan# 423

Delta R.T. -0.01 min

Lab File: BF082258.D

Acq: 13 Oct 2015 17:08

Instrument :

BNA_F

ClientSampleId :

PB86079BS

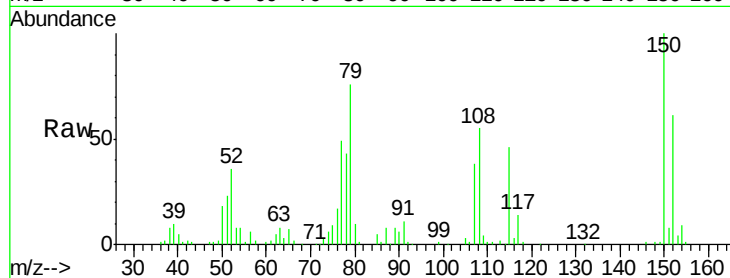
Tot Ion: 79 Resp: 137383

Ion Ratio Lower Upper

79 100

108 71.6 58.4 87.6

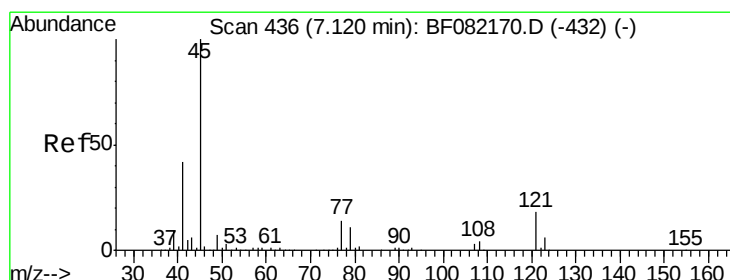
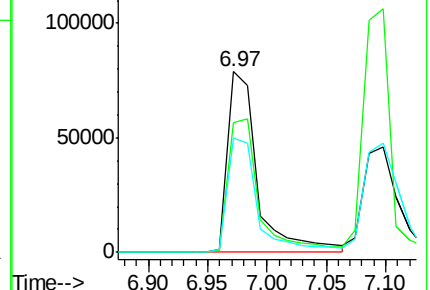
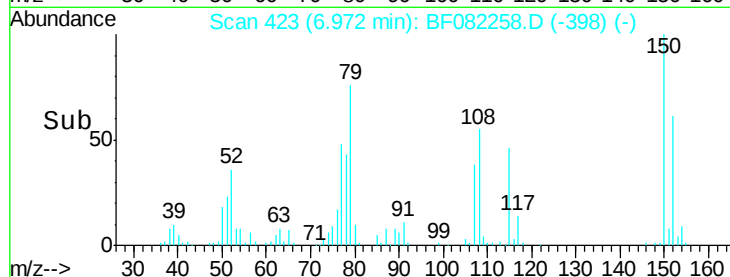
77 63.6 49.8 74.6



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.95 ng

RT: 7.11 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF082258.D

Acq: 13 Oct 2015 17:08

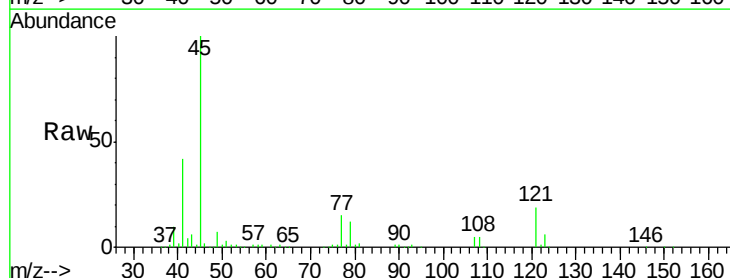
Tgt Ion: 45 Resp: 251843

Ion Ratio Lower Upper

45 100

77 14.8 0.0 34.5

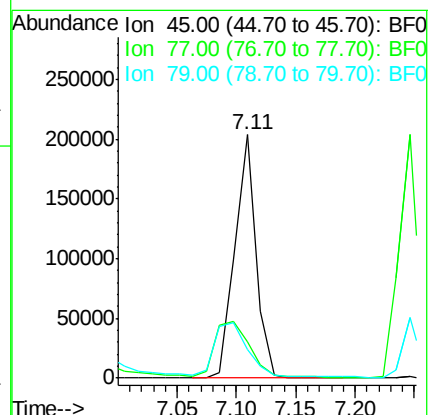
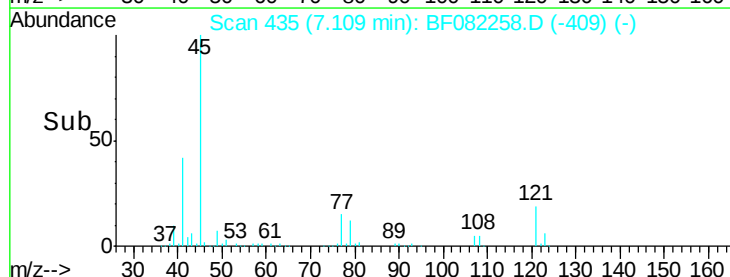
79 12.0 0.0 31.6

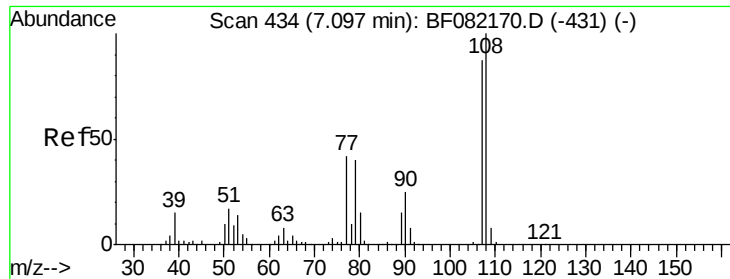


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 37.22 ng

RT: 7.10 min Scan# 434

Delta R.T. 0.00 min

Lab File: BF082258.D

Acq: 13 Oct 2015 17:08

Instrument :

BNA_F

ClientSampleId :

PB86079BS

Tot Ion:107 Resp: 142451

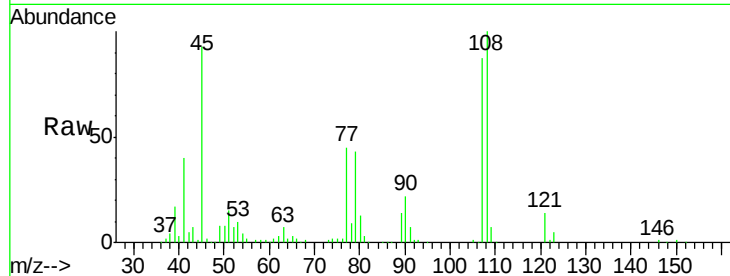
Ion Ratio Lower Upper

107 100

108 115.3 92.2 138.2

77 51.9 39.6 59.4

79 50.1 38.2 57.4

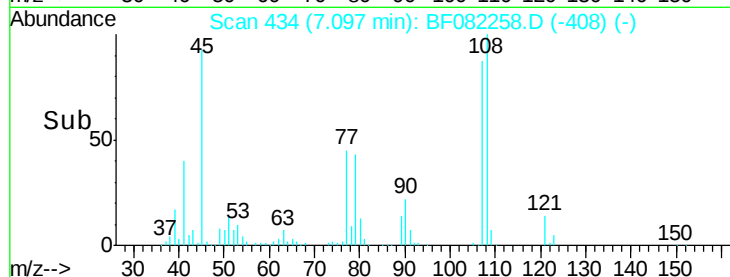


Abundance Ion 107.00 (106.70 to 107.70): E

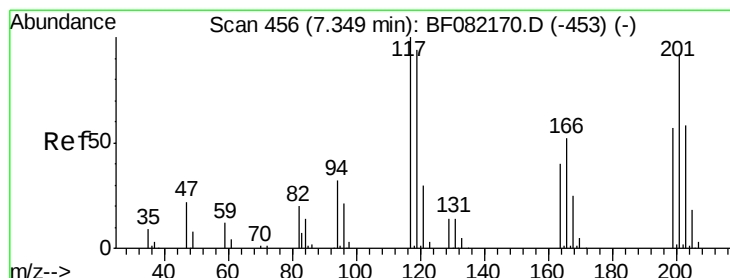
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Time-->



#18

Hexachloroethane

Concen: 37.09 ng

RT: 7.34 min Scan# 455

Delta R.T. 0.00 min

Lab File: BF082258.D

Acq: 13 Oct 2015 17:08

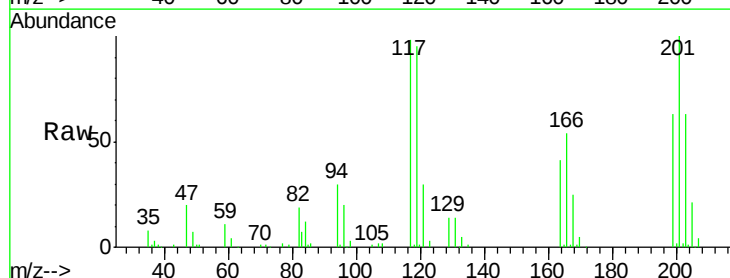
Tgt Ion:117 Resp: 74723

Ion Ratio Lower Upper

117 100

119 97.3 75.4 113.2

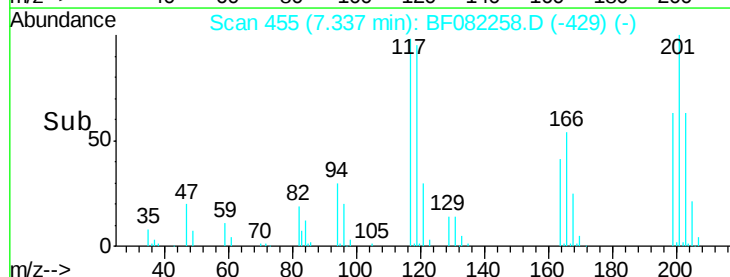
201 102.1 73.4 110.0



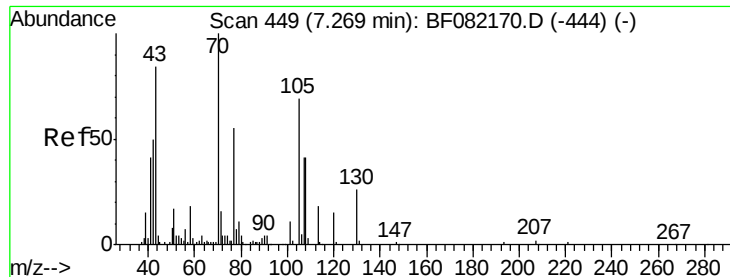
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



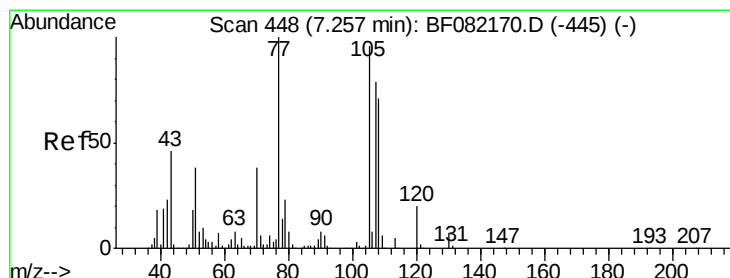
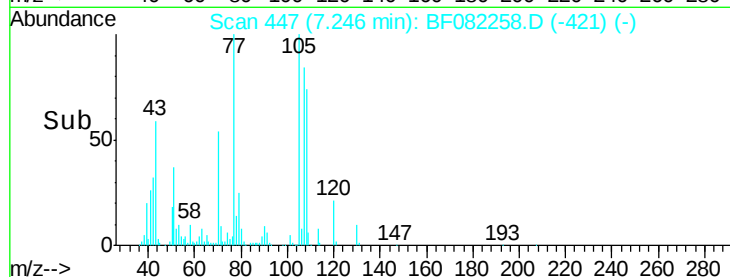
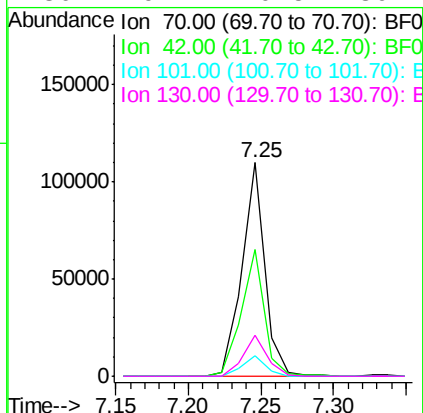
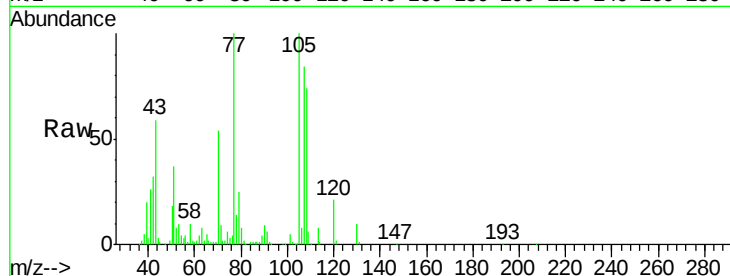
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 33.26 ng
RT: 7.25 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF082258.D
Acq: 13 Oct 2015 17:08

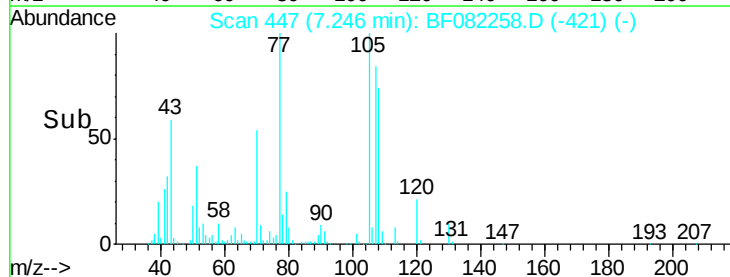
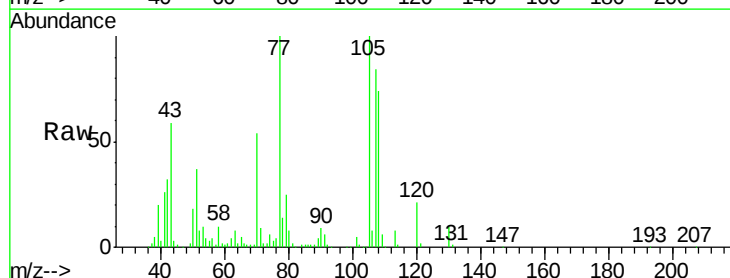
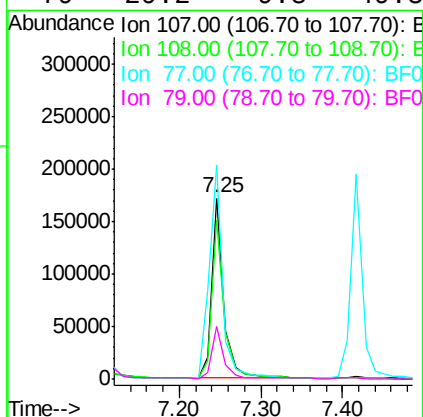
Instrument :
BNA_F
ClientSampleId :
PB86079BS

Tot Ion: 70 Resp: 120510
Ion Ratio Lower Upper
70 100
42 59.6 39.8 59.8
101 9.5 8.6 13.0
130 19.2 20.5 30.7#



#20
3+4-Methylphenols
Concen: 39.12 ng
RT: 7.25 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF082258.D
Acq: 13 Oct 2015 17:08

Tgt Ion: 107 Resp: 178429
Ion Ratio Lower Upper
107 100
108 87.7 69.9 109.9
77 118.0 106.0 146.0
79 29.2 9.8 49.8





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 523

Delta R.T. 0.00 min

Lab File: BF082258.D

Acq: 13 Oct 2015 17:08

Instrument :

BNA_F

ClientSampleId :

PB86079BS

Tot Ion:136 Resp: 313838

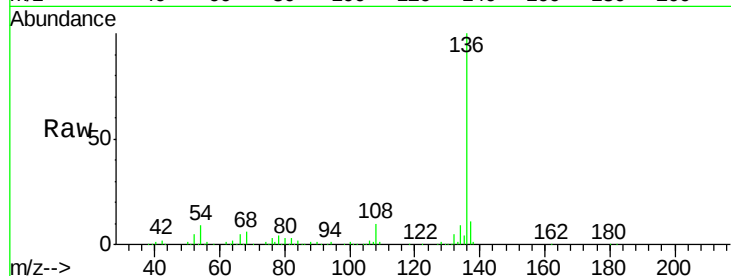
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.6

54 8.8 7.5 11.3

68 5.6 4.6 7.0

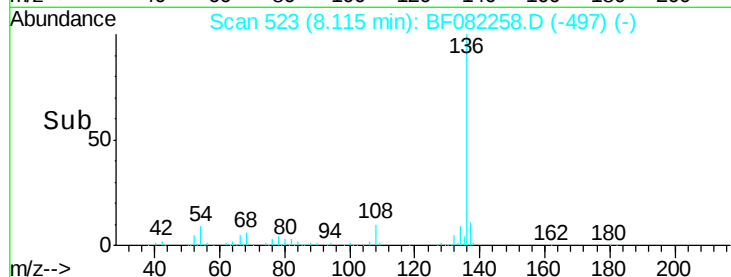


Abundance Ion 136.00 (135.70 to 136.70): E

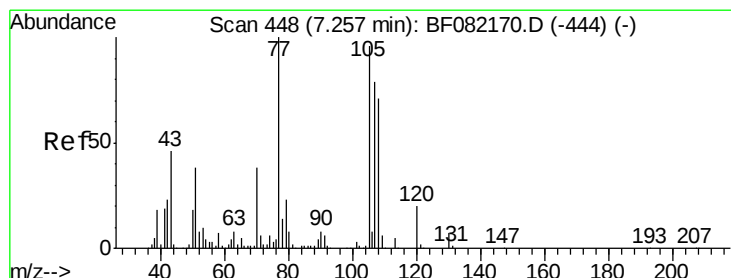
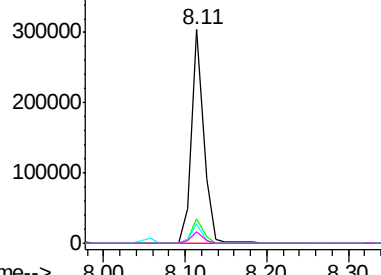
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 40.06 ng

RT: 7.25 min Scan# 447

Delta R.T. 0.00 min

Lab File: BF082258.D

Acq: 13 Oct 2015 17:08

Tgt Ion:105 Resp: 248684

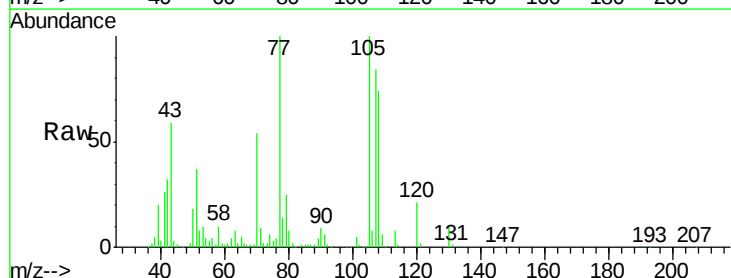
Ion Ratio Lower Upper

105 100

71 8.5 5.4 8.0#

51 36.7 31.8 47.6

120 20.7 16.3 24.5

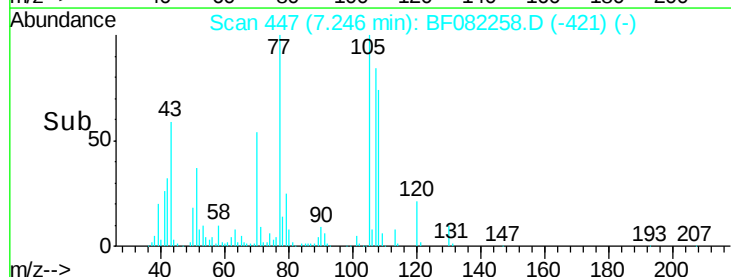


Abundance Ion 105.00 (104.70 to 105.70): E

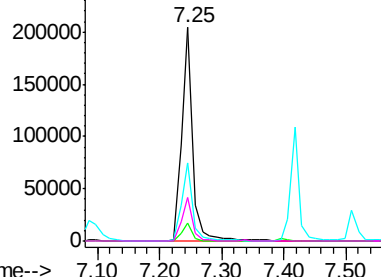
Ion 71.00 (70.70 to 71.70): BF0

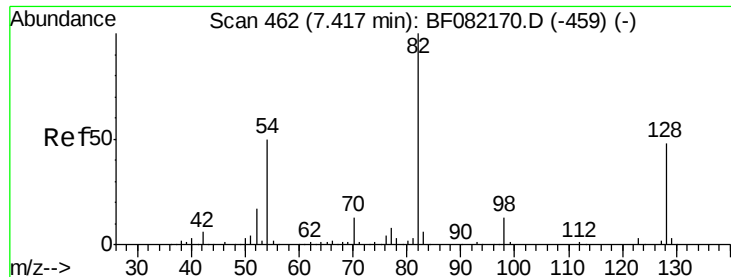
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

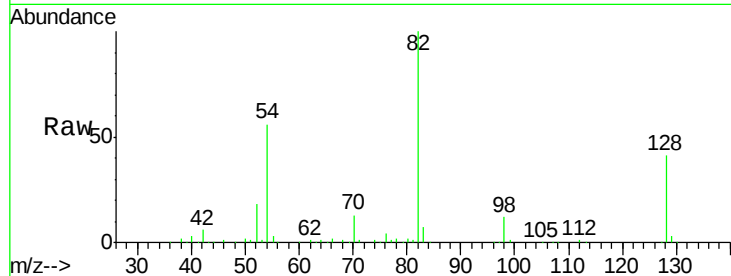




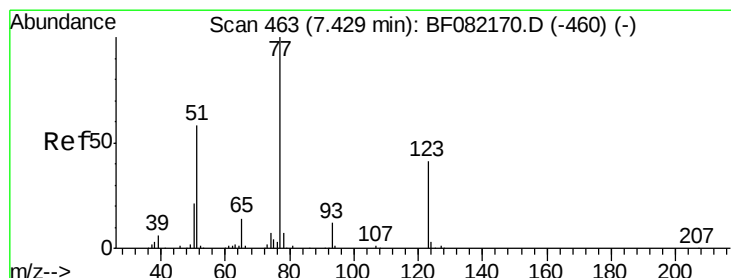
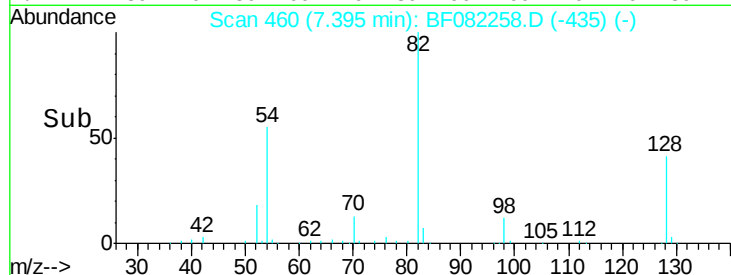
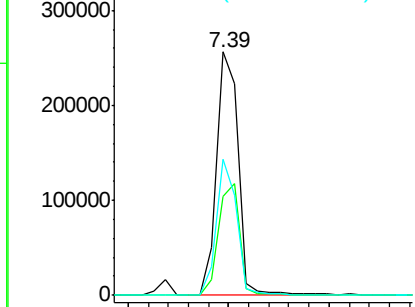
#23
 Nitrobenzene-d5
 Concen: 82.16 ng
 RT: 7.39 min Scan# 460
 Delta R.T. -0.01 min
 Lab File: BF082258.D
 Acq: 13 Oct 2015 17:08

Instrument :
 BNA_F
 ClientSampleId :
 PB86079BS

Tot Ion: 82 Resp: 383985
 Ion Ratio Lower Upper
 82 100
 128 40.9 38.7 58.1
 54 55.7 40.1 60.1

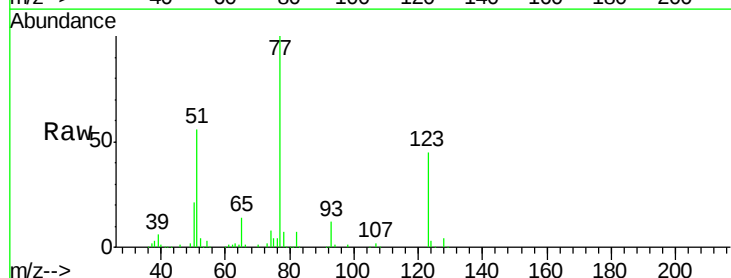


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

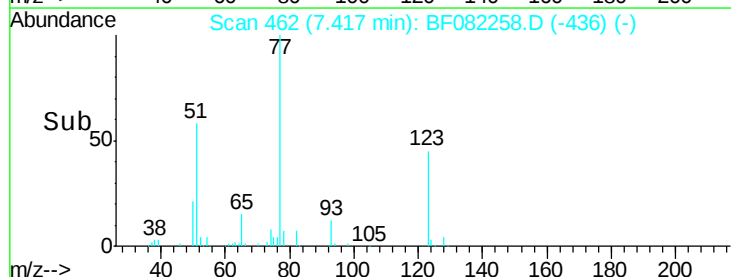
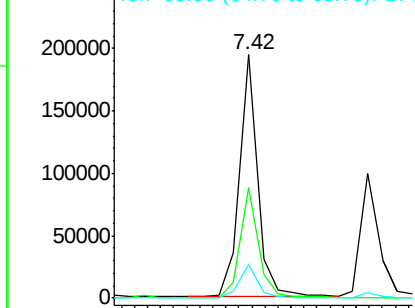


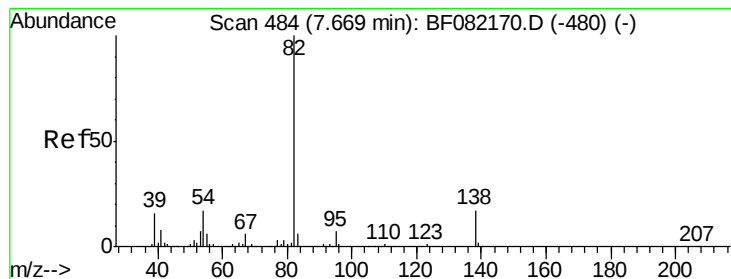
#24
 Nitrobenzene
 Concen: 37.05 ng
 RT: 7.42 min Scan# 462
 Delta R.T. 0.00 min
 Lab File: BF082258.D
 Acq: 13 Oct 2015 17:08

Tgt Ion: 77 Resp: 187431
 Ion Ratio Lower Upper
 77 100
 123 45.5 33.0 49.4
 65 13.9 11.2 16.8



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





#25

Isophorone

Concen: 36.82 ng

RT: 7.66 min Scan# 483

Delta R.T. 0.00 min

Lab File: BF082258.D

Acq: 13 Oct 2015 17:08

Instrument :

BNA_F

ClientSampleId :

PB86079BS

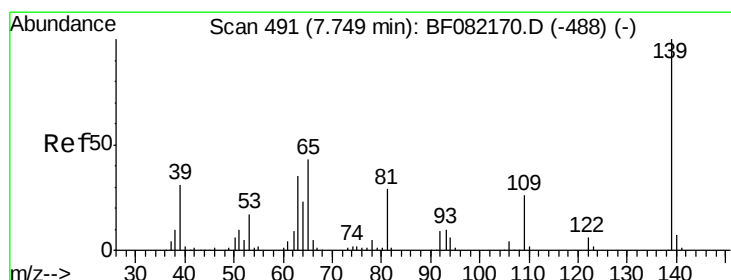
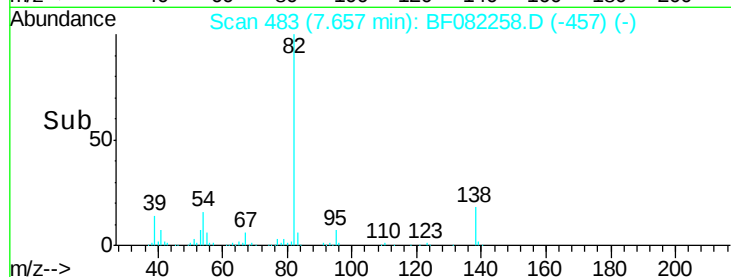
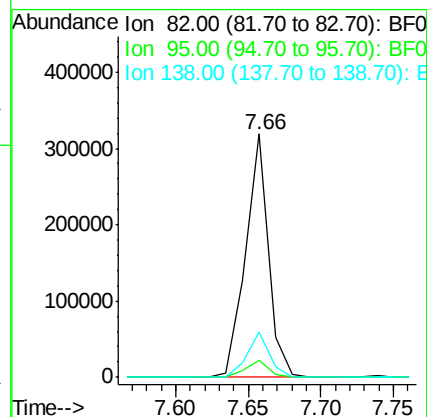
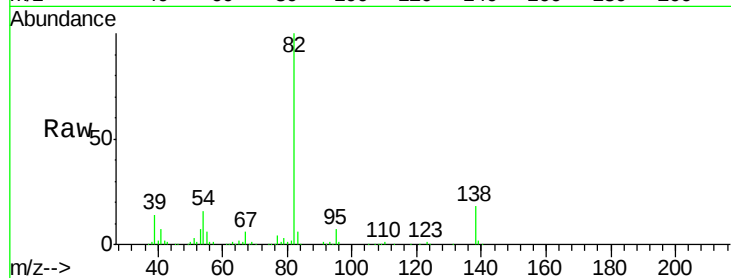
Tot Ion: 82 Resp: 347279

Ion Ratio Lower Upper

82 100

95 7.2 5.6 8.4

138 18.4 13.6 20.4



#26

2-Nitrophenol

Concen: 41.20 ng

RT: 7.74 min Scan# 490

Delta R.T. 0.00 min

Lab File: BF082258.D

Acq: 13 Oct 2015 17:08

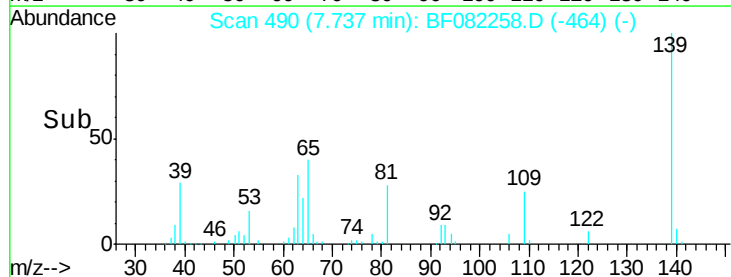
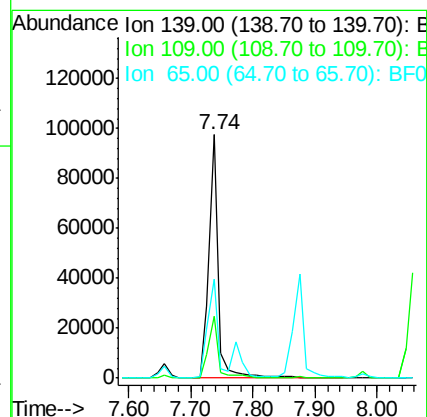
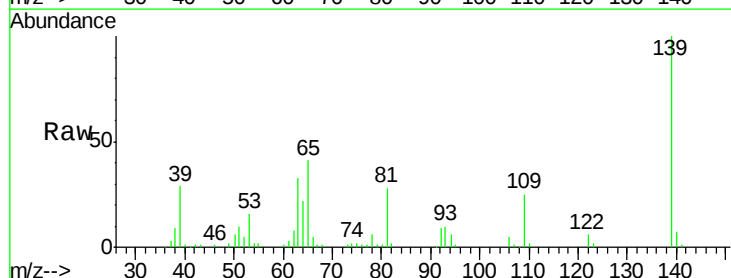
Tgt Ion: 139 Resp: 104071

Ion Ratio Lower Upper

139 100

109 25.4 20.6 31.0

65 40.6 34.3 51.5

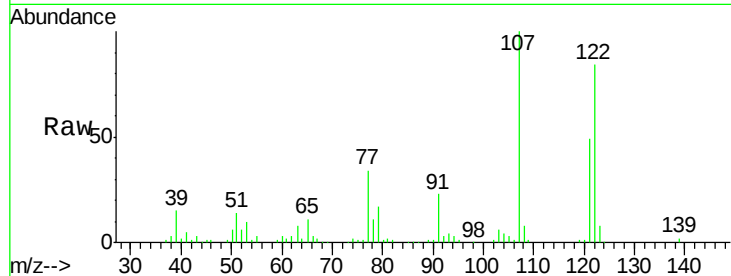




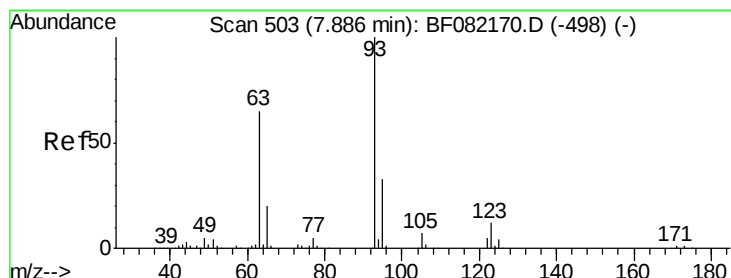
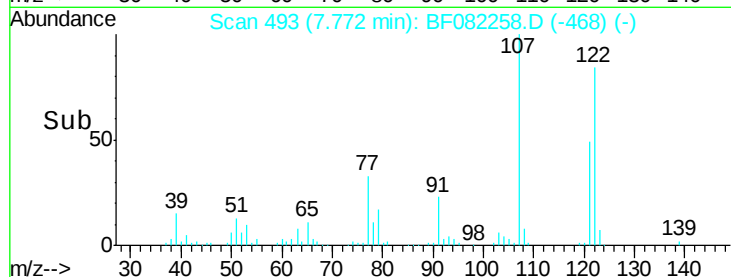
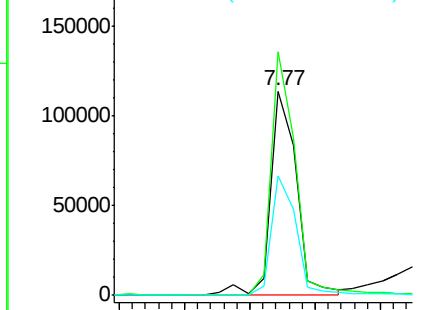
#27
 2,4-Dimethylphenol
 Concen: 38.82 ng
 RT: 7.77 min Scan# 493
 Delta R.T. -0.01 min
 Lab File: BF082258.D
 Acq: 13 Oct 2015 17:08

Instrument :
 BNA_F
 ClientSampleId :
 PB86079BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	119.3	94.0	141.0
121	58.3	46.8	70.2

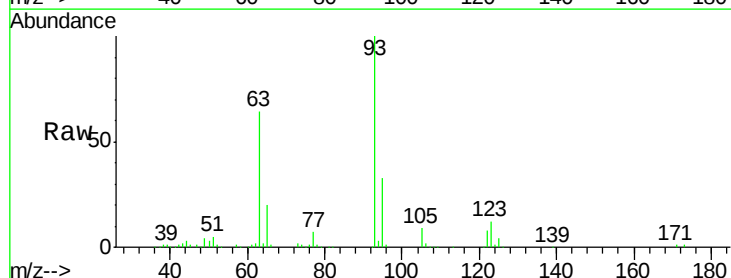


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

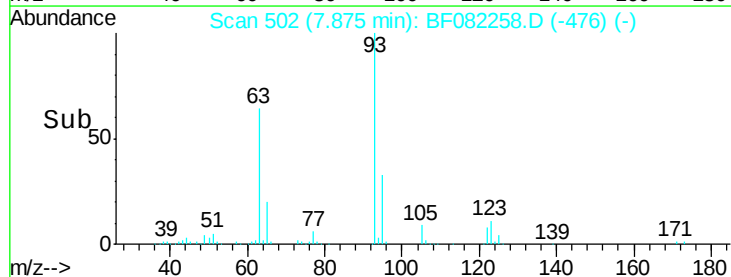
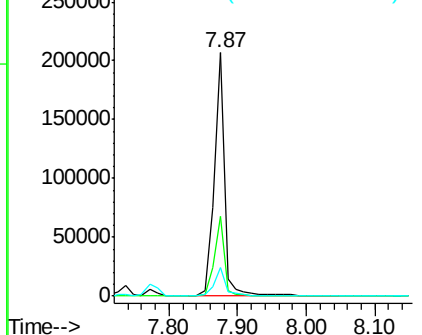


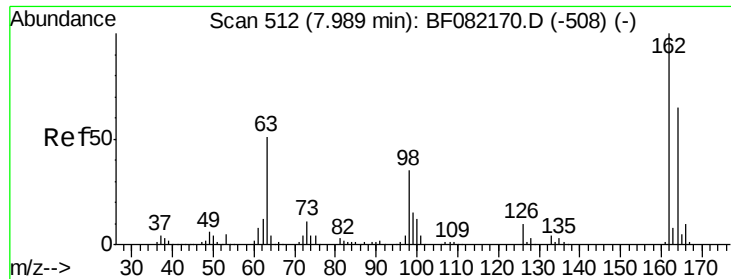
#28
 bis(2-Chloroethoxy)methane
 Concen: 40.38 ng
 RT: 7.87 min Scan# 502
 Delta R.T. 0.00 min
 Lab File: BF082258.D
 Acq: 13 Oct 2015 17:08

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.6	39.8
123	11.5	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

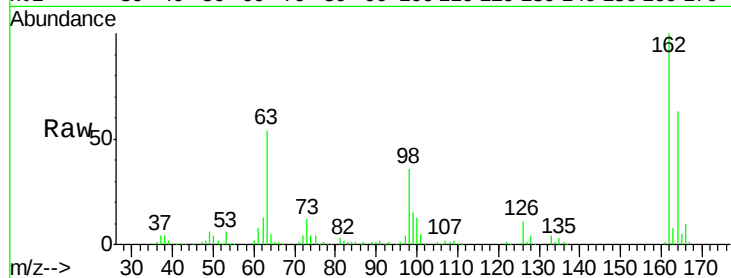




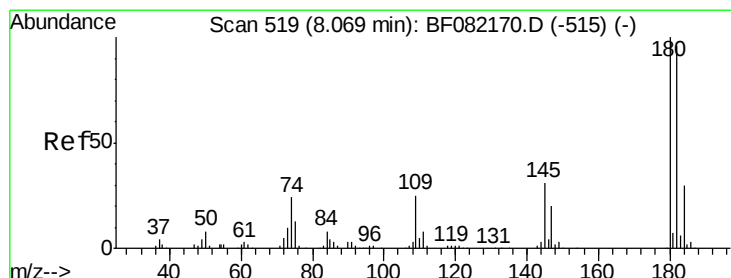
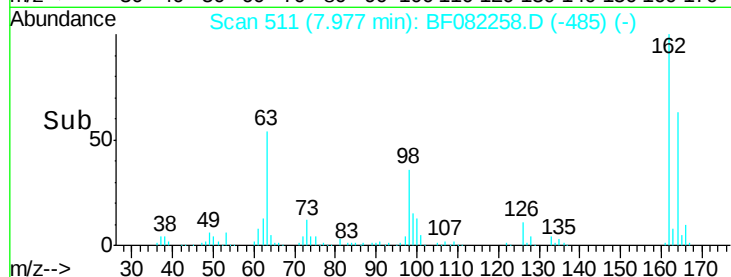
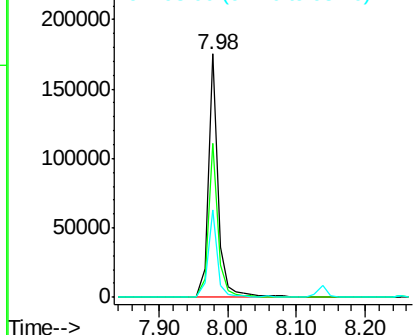
#29
 2,4-Dichlorophenol
 Concen: 42.90 ng
 RT: 7.98 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: BF082258.D
 Acq: 13 Oct 2015 17:08

Instrument :
 BNA_F
 ClientSampleId :
 PB86079BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.4	44.6	84.6
98	35.9	15.0	55.0

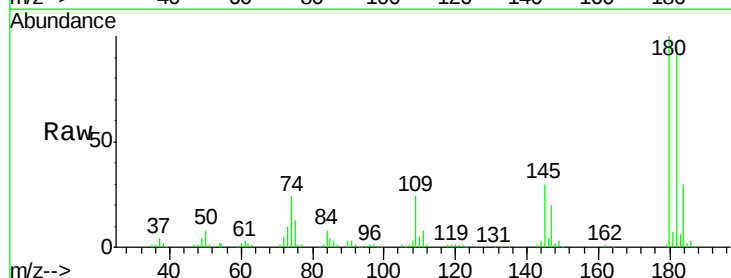


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

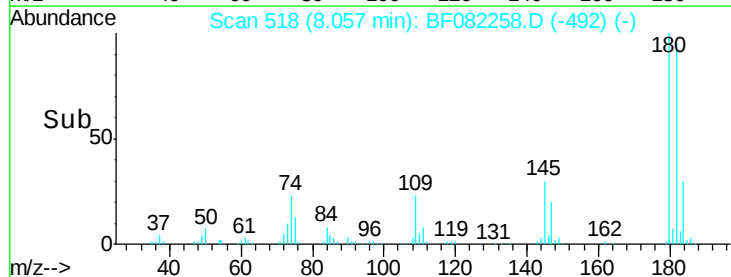
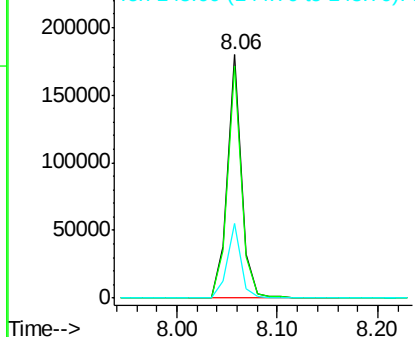


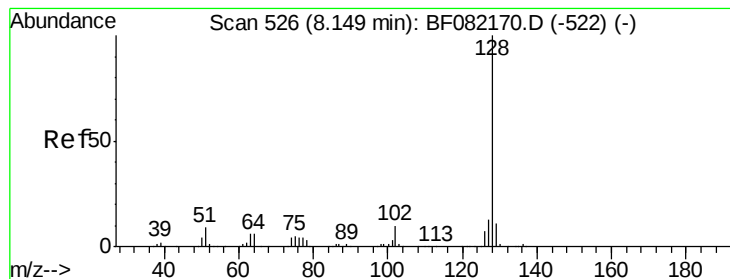
#30
 1,2,4-Trichlorobenzene
 Concen: 37.62 ng
 RT: 8.06 min Scan# 518
 Delta R.T. 0.00 min
 Lab File: BF082258.D
 Acq: 13 Oct 2015 17:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	77.0	115.4
145	30.5	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: 38.01 ng

RT: 8.14 min Scan# 525

Delta R.T. 0.00 min

Lab File: BF082258.D

Acq: 13 Oct 2015 17:08

Instrument :

BNA_F

ClientSampleId :

PB86079BS

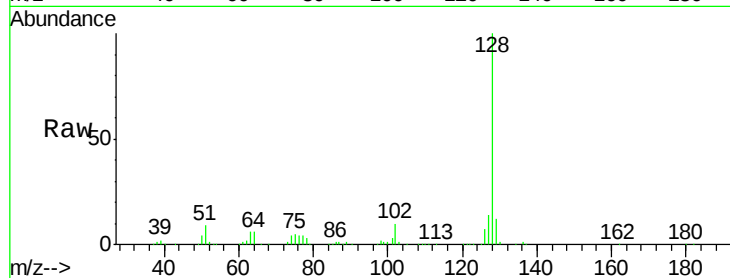
Tot Ion:128 Resp: 517074

Ion Ratio Lower Upper

128 100

129 11.6 9.1 13.7

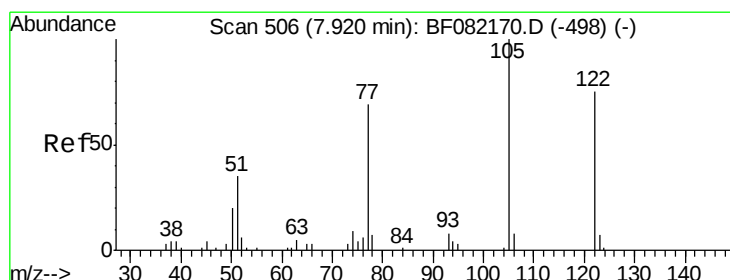
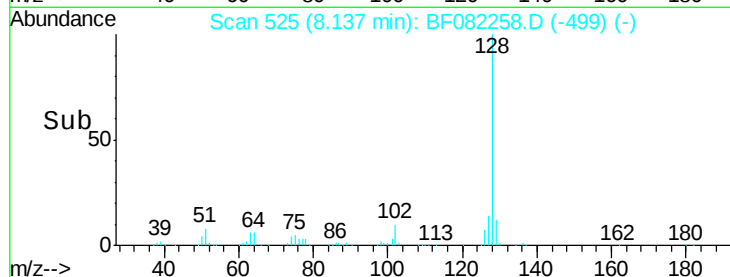
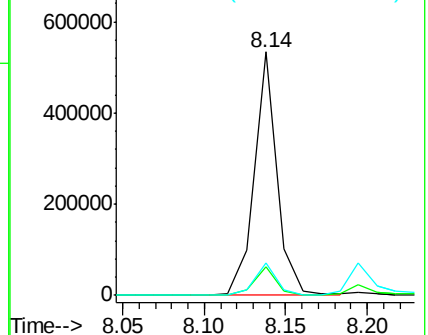
127 13.5 10.7 16.1



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: 30.09 ng

RT: 7.90 min Scan# 504

Delta R.T. 0.01 min

Lab File: BF082258.D

Acq: 13 Oct 2015 17:08

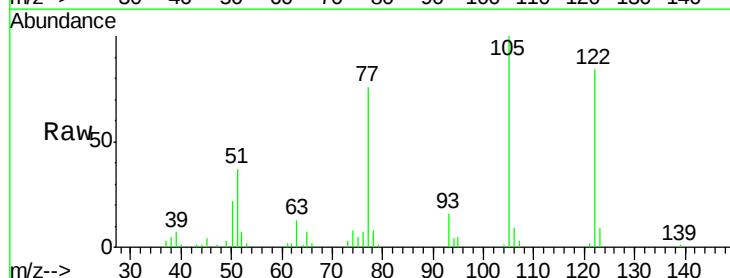
Tgt Ion:122 Resp: 82168

Ion Ratio Lower Upper

122 100

105 119.6 104.4 144.4

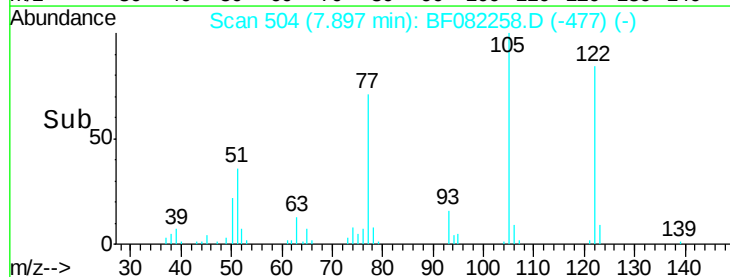
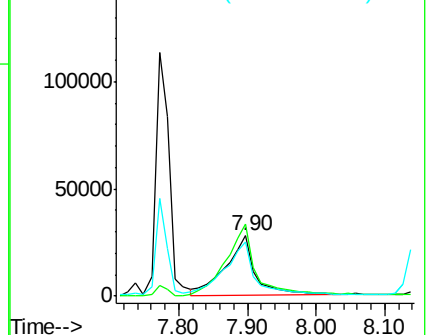
77 90.4 69.0 109.0



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

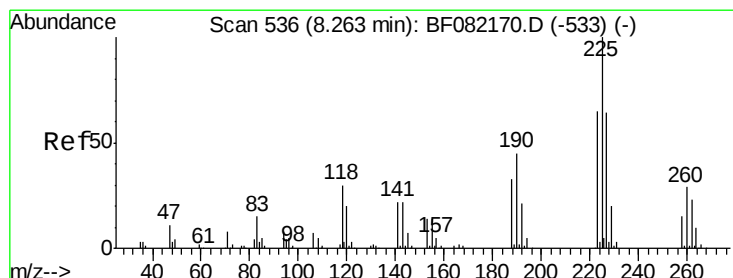
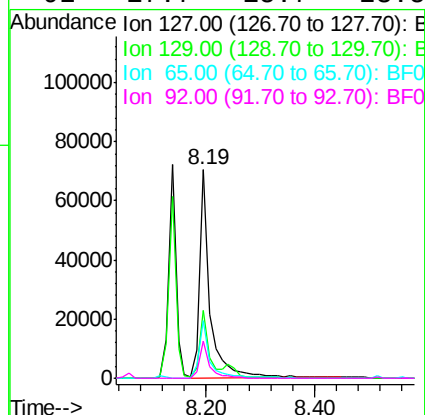
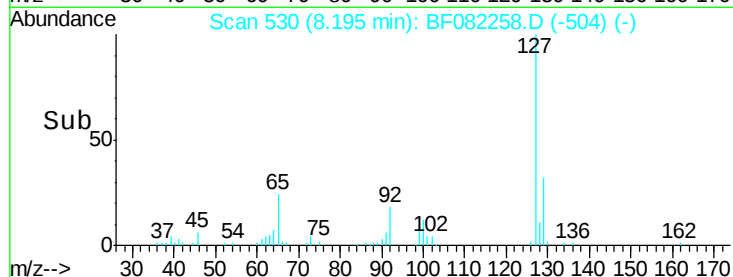
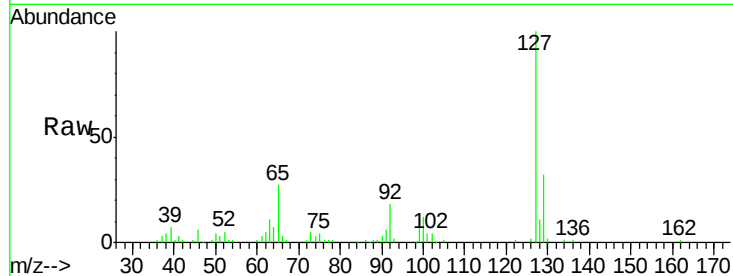




#33
4-Chloroaniline
Concen: 16.24 ng
RT: 8.19 min Scan# 530
Delta R.T. 0.00 min
Lab File: BF082258.D
Acq: 13 Oct 2015 17:08

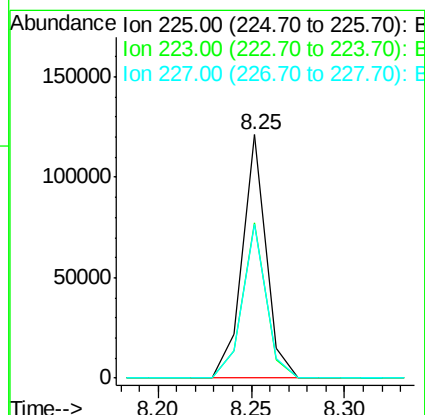
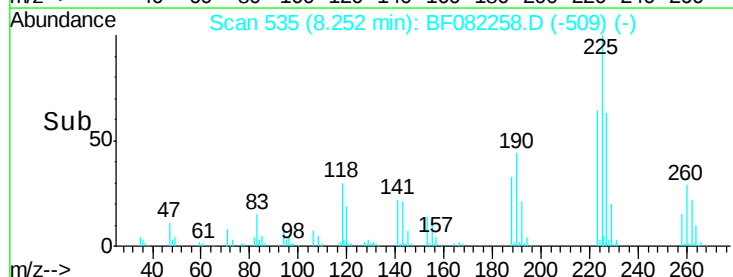
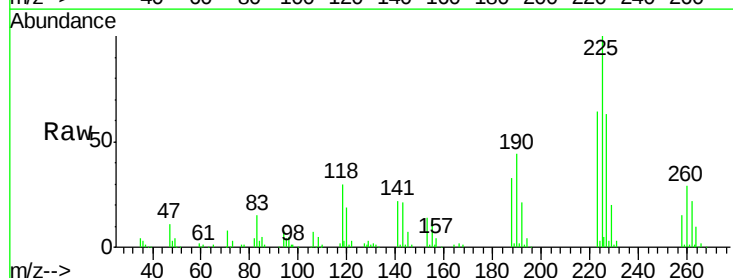
Instrument :
BNA_F
ClientSampleId :
PB86079BS

Tot Ion:	127	Resp:	91753
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.3	39.5
65	27.5	24.4	36.6
92	17.7	15.7	23.5



#34
Hexachlorobutadiene
Concen: 37.18 ng
RT: 8.25 min Scan# 535
Delta R.T. 0.00 min
Lab File: BF082258.D
Acq: 13 Oct 2015 17:08

Tgt Ion:	225	Resp:	108643
Ion	Ratio	Lower	Upper
225	100		
223	63.8	52.2	78.2
227	63.2	51.3	76.9





#35

Caprolactam

Concen: 40.65 ng

RT: 8.56 min Scan# 562

Delta R.T. -0.02 min

Lab File: BF082258.D

Acq: 13 Oct 2015 17:08

Instrument :

BNA_F

ClientSampleId :

PB86079BS

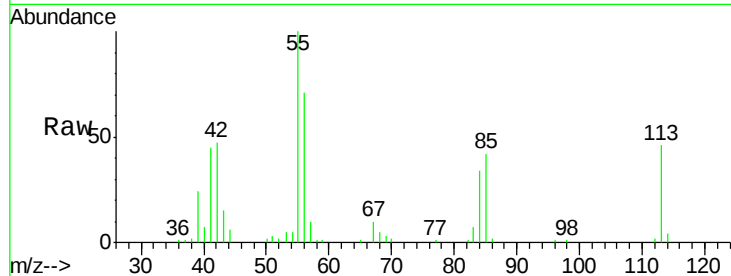
Tot Ion:113 Resp: 47995

Ion Ratio Lower Upper

113 100

55 215.6 149.7 189.7#

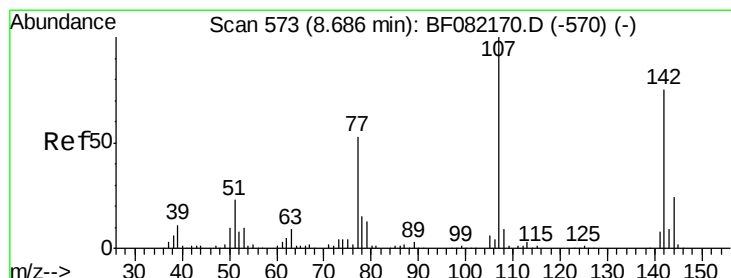
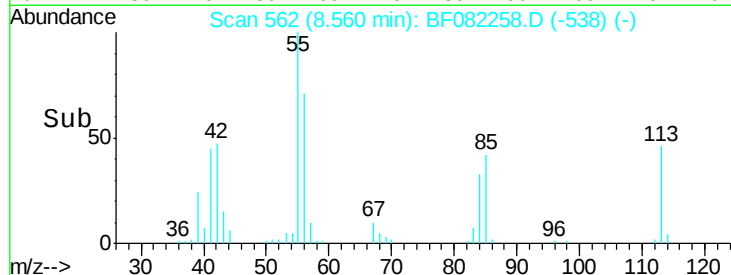
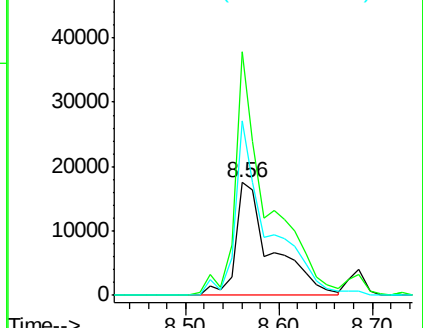
56 154.2 105.4 145.4#



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: 43.21 ng

RT: 8.69 min Scan# 573

Delta R.T. 0.00 min

Lab File: BF082258.D

Acq: 13 Oct 2015 17:08

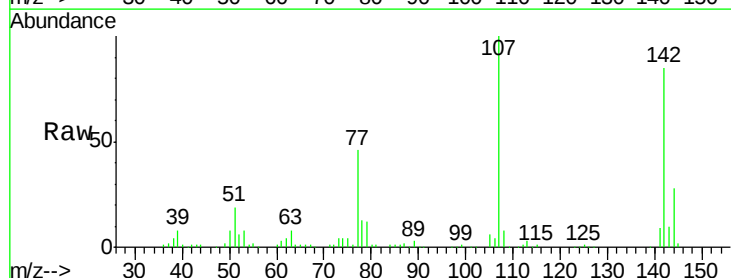
Tgt Ion:107 Resp: 171900

Ion Ratio Lower Upper

107 100

144 27.8 19.3 28.9

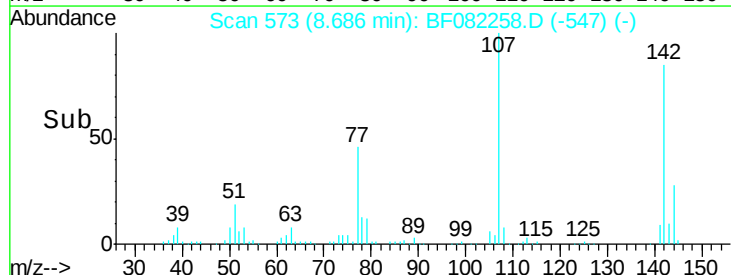
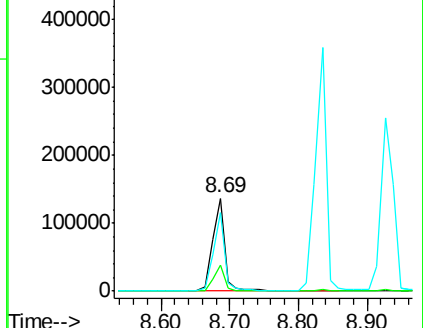
142 84.9 59.9 89.9

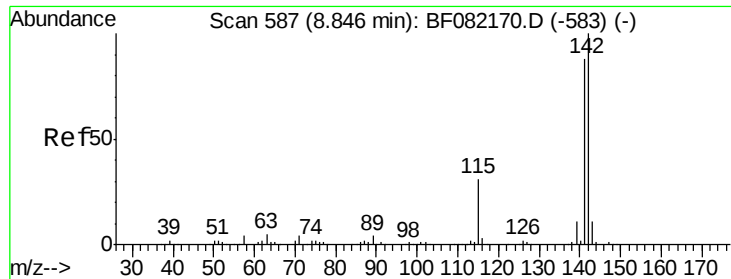


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

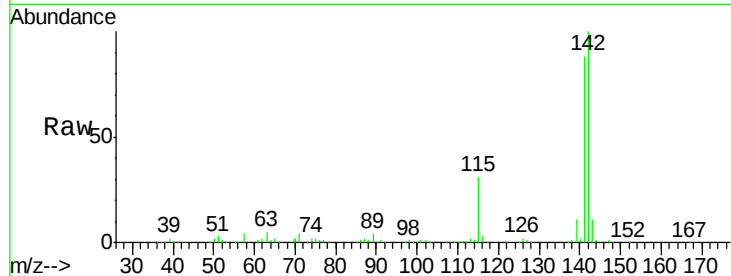




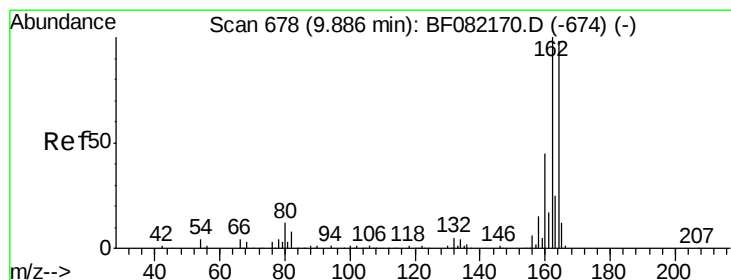
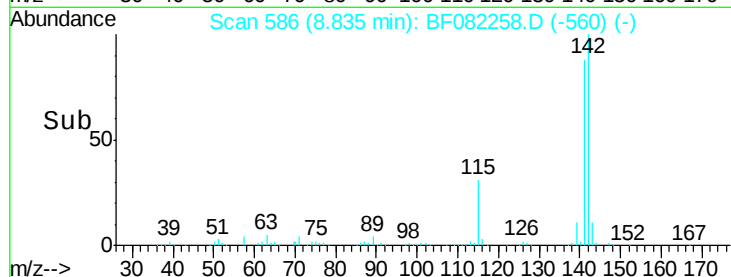
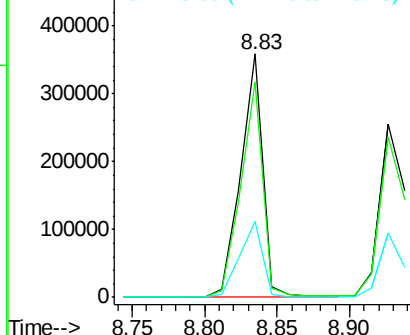
#37
2-Methylnaphthalene
Concen: 40.16 ng
RT: 8.83 min Scan# 586
Delta R.T. 0.00 min
Lab File: BF082258.D
Acq: 13 Oct 2015 17:08

Instrument :
BNA_F
ClientSampleId :
PB86079BS

Tot Ion:142 Resp: 378773
Ion Ratio Lower Upper
142 100
141 88.5 70.4 105.6
115 31.0 24.6 37.0

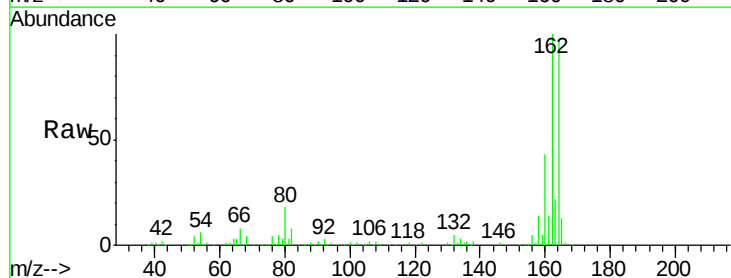


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

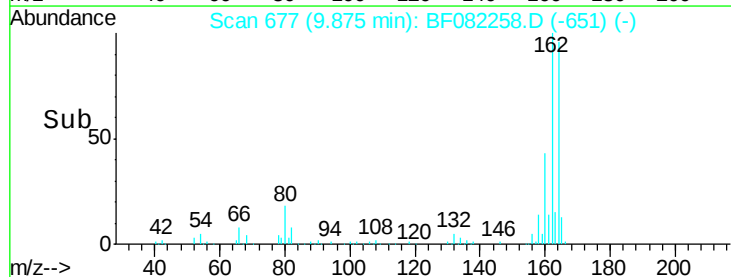
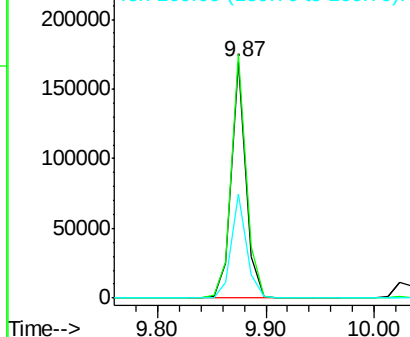


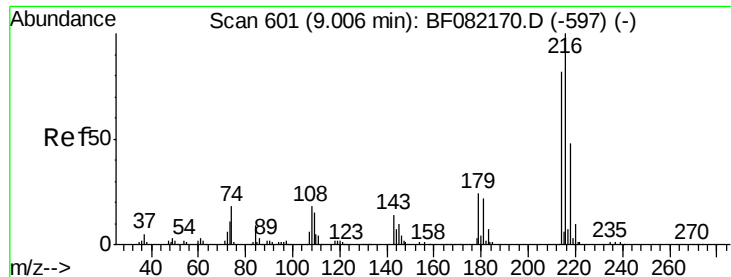
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF082258.D
Acq: 13 Oct 2015 17:08

Tgt Ion:164 Resp: 156658
Ion Ratio Lower Upper
164 100
162 103.2 81.6 122.4
160 44.0 36.4 54.6



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

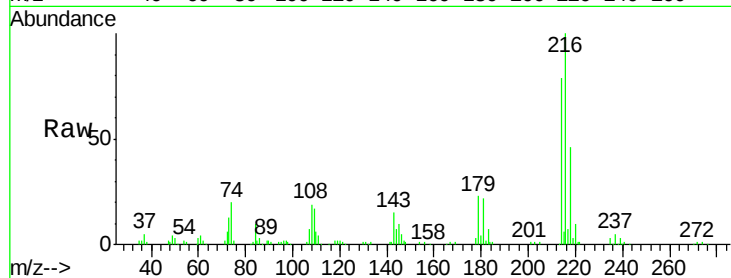




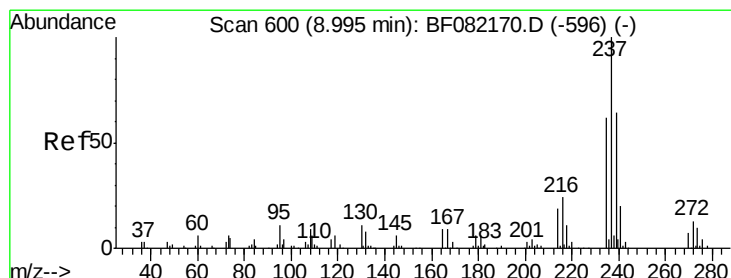
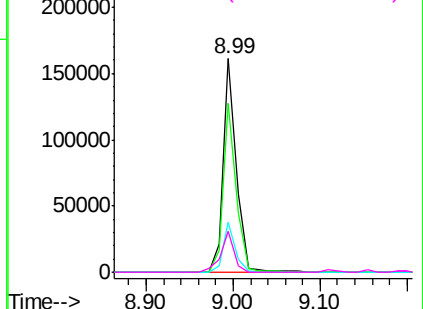
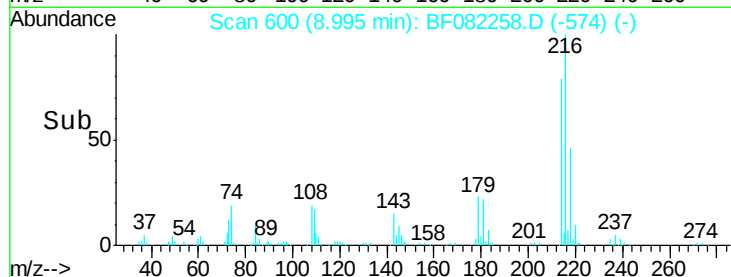
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.94 ng
 RT: 8.99 min Scan# 600
 Delta R.T. 0.00 min
 Lab File: BF082258.D
 Acq: 13 Oct 2015 17:08

Instrument :
 BNA_F
 ClientSampleId :
 PB86079BS

Tot Ion:216	Resp:	172106
Ion Ratio	Lower	Upper
216 100		
214 78.3	64.6	97.0
179 21.1	17.6	26.4
108 19.4	14.5	21.7

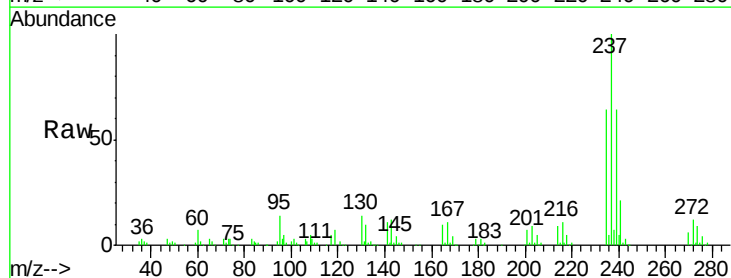


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

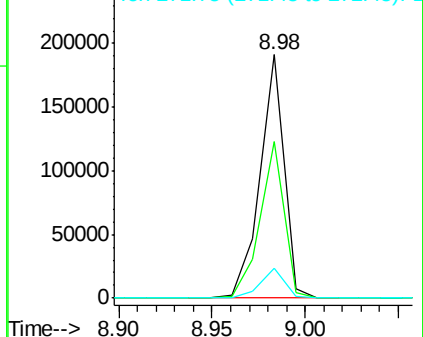
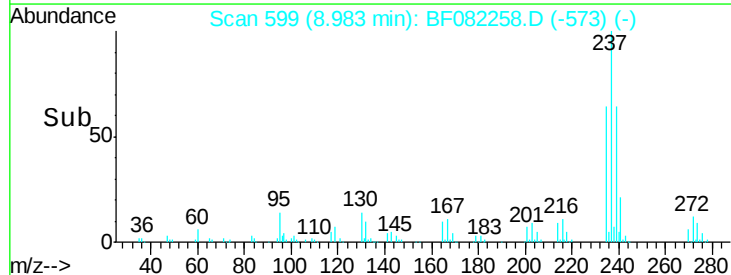


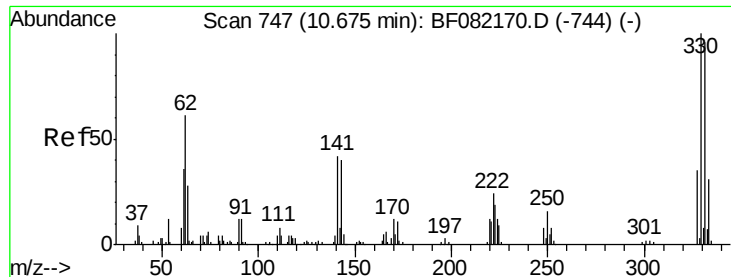
#40
 Hexachlorocyclopentadiene
 Concen: 72.94 ng
 RT: 8.98 min Scan# 599
 Delta R.T. 0.00 min
 Lab File: BF082258.D
 Acq: 13 Oct 2015 17:08

Tgt	Ion:237	Resp:	170053
Ion	Ratio	Lower	Upper
237	100		
235	64.3	41.7	81.7
272	12.0	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

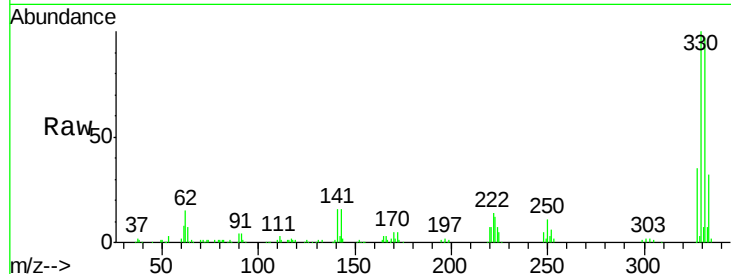




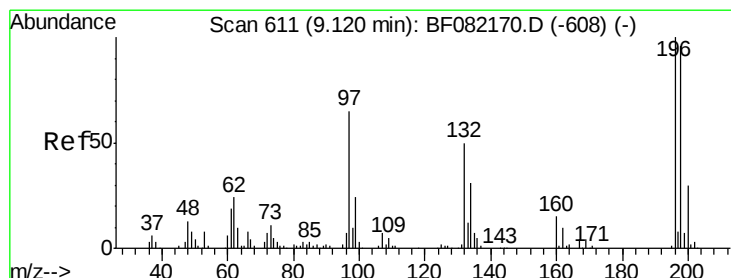
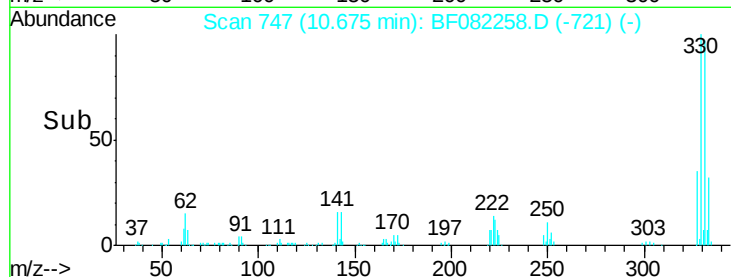
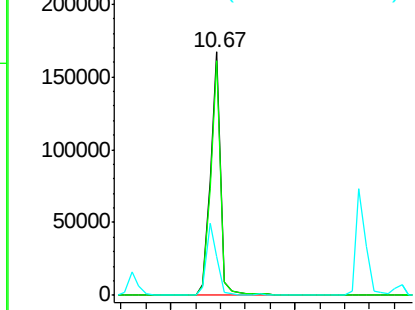
#41
 2,4,6-Tribromophenol
 Concen: 128.33 ng
 RT: 10.67 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF082258.D
 Acq: 13 Oct 2015 17:08

Instrument :
 BNA_F
 ClientSampleId :
 PB86079BS

Tot Ion:330 Resp: 188539
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.1 115.7
 141 31.8 29.8 44.8

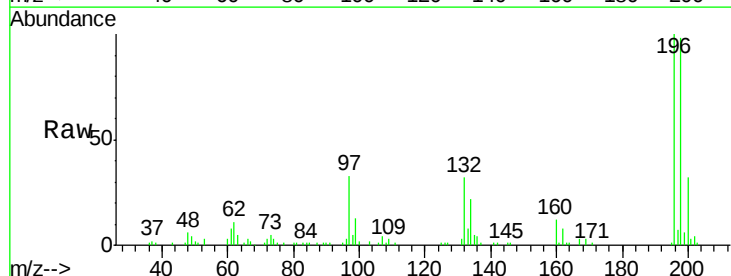


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

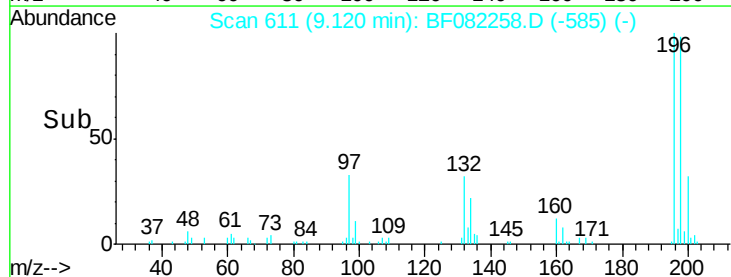
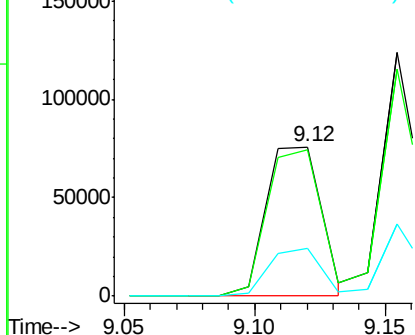


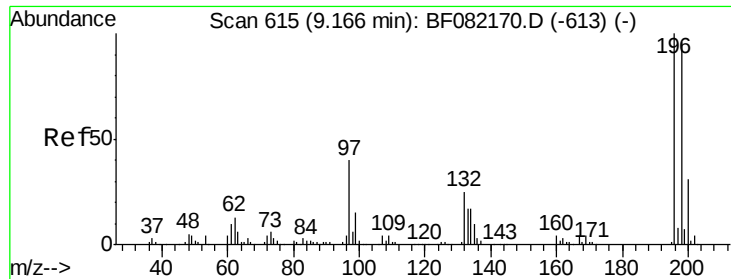
#42
 2,4,6-Trichlorophenol
 Concen: 35.99 ng
 RT: 9.12 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF082258.D
 Acq: 13 Oct 2015 17:08

Tgt Ion:196 Resp: 111371
 Ion Ratio Lower Upper
 196 100
 198 97.6 76.6 115.0
 200 31.7 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

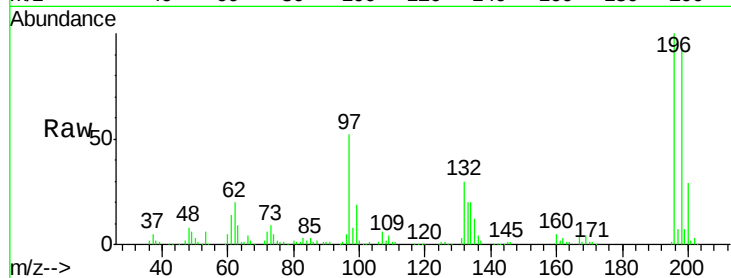




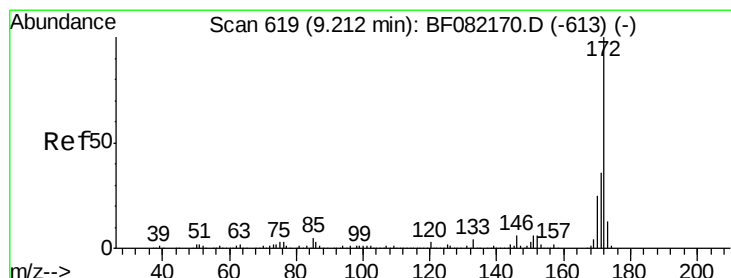
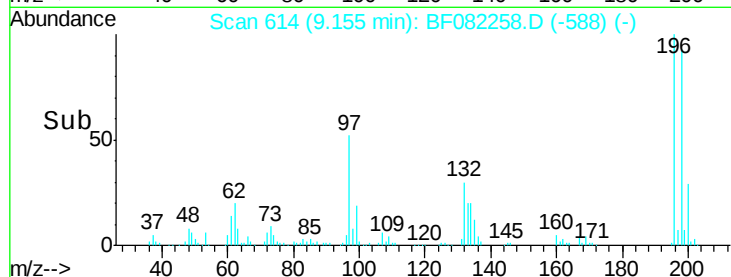
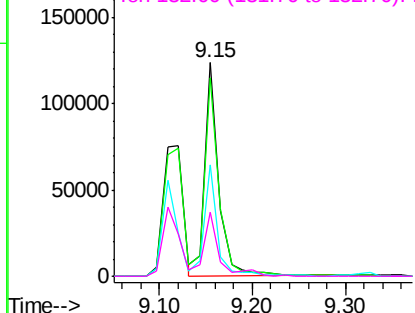
#43
 2,4,5-Trichlorophenol
 Concen: 38.83 ng
 RT: 9.15 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF082258.D
 Acq: 13 Oct 2015 17:08

Instrument :
 BNA_F
 ClientSampleId :
 PB86079BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	93.1	77.0	115.4
97	52.0	31.9	47.9
132	29.9	20.3	30.5

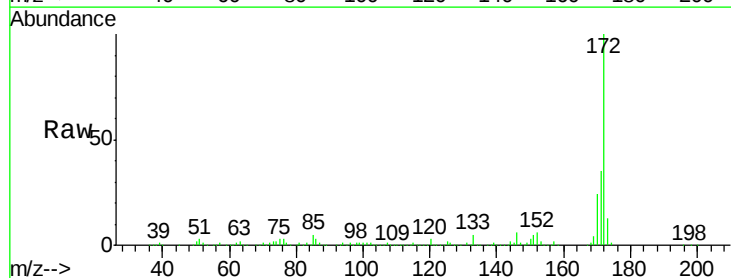


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

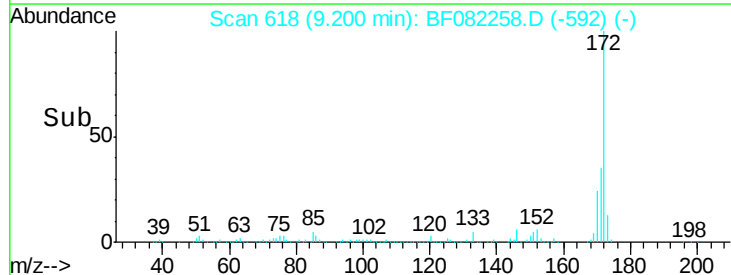
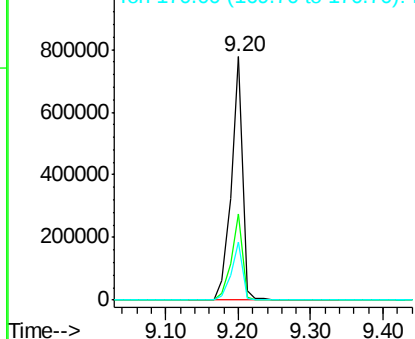


#44
 2-Fluorobiphenyl
 Concen: 88.26 ng
 RT: 9.20 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: BF082258.D
 Acq: 13 Oct 2015 17:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.6	42.8
170	24.0	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

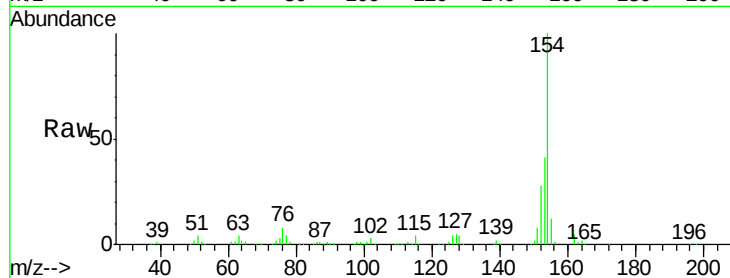




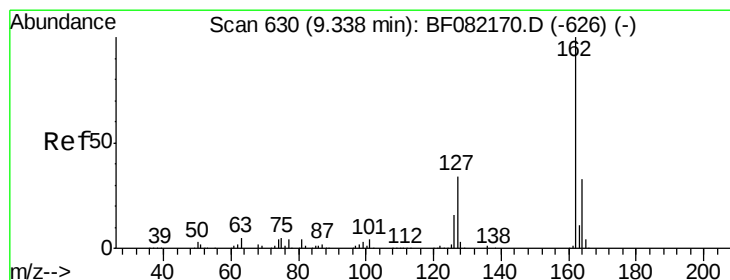
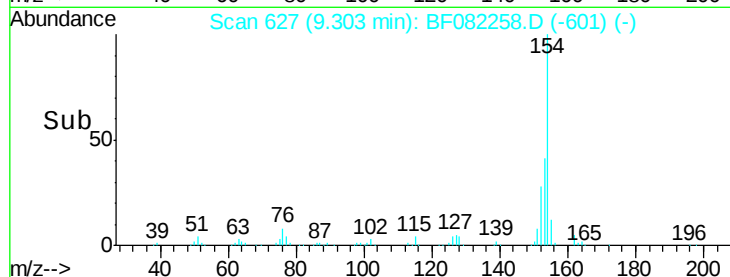
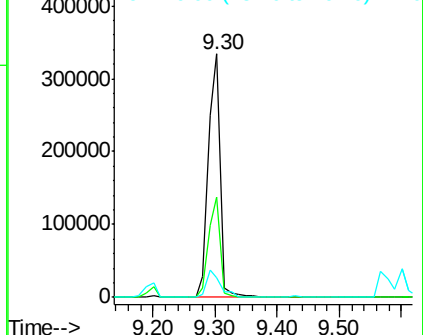
#45
 1,1'-Biphenyl
 Concen: 37.18 ng
 RT: 9.30 min Scan# 627
 Delta R.T. 0.00 min
 Lab File: BF082258.D
 Acq: 13 Oct 2015 17:08

Instrument :
 BNA_F
 ClientSampleId :
 PB86079BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.0	20.6	60.6
76	7.8	0.0	35.2

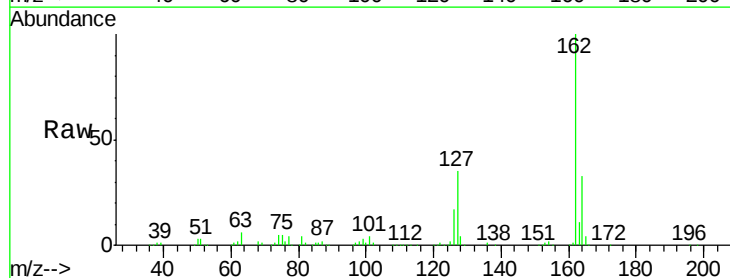


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

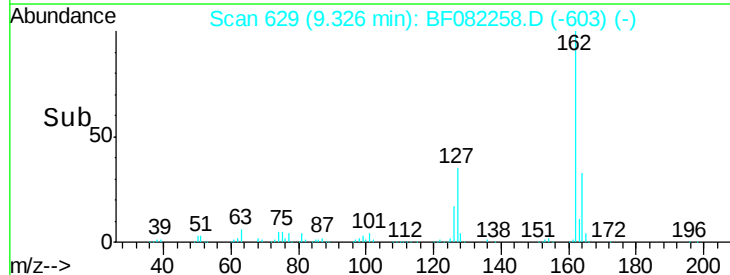
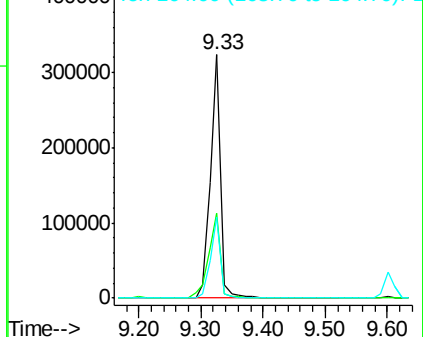


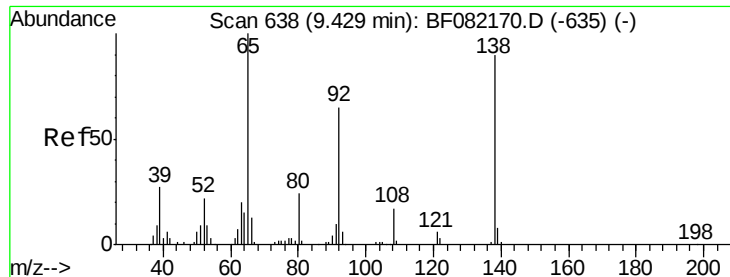
#46
 2-Chloronaphthalene
 Concen: 38.81 ng
 RT: 9.33 min Scan# 629
 Delta R.T. 0.00 min
 Lab File: BF082258.D
 Acq: 13 Oct 2015 17:08

Tgt Ion	Ratio	Lower	Upper
162	100		
127	34.8	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

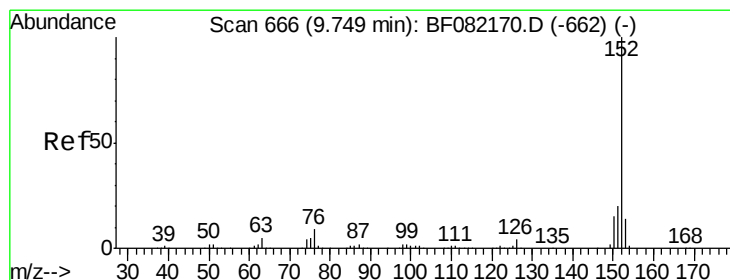
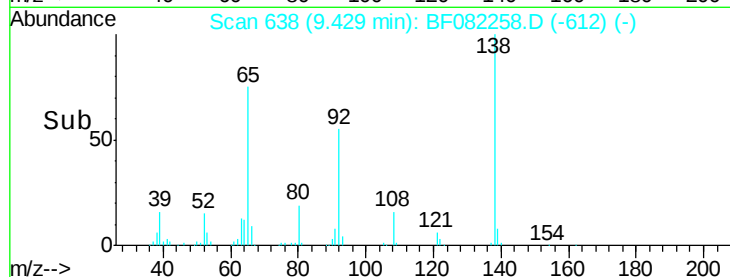
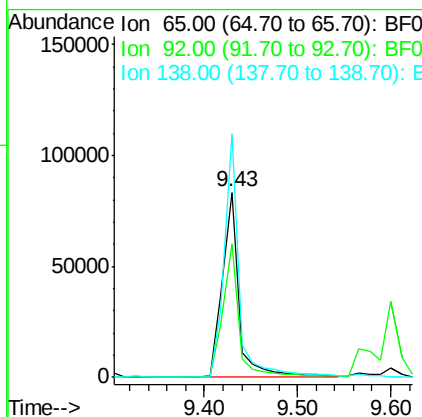
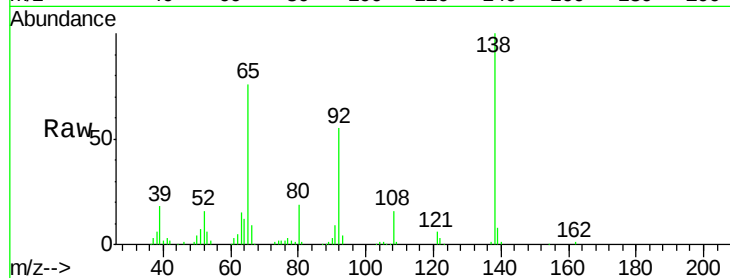




#47
2-Nitroaniline
Concen: 40.17 ng
RT: 9.43 min Scan# 638
Delta R.T. 0.00 min
Lab File: BF082258.D
Acq: 13 Oct 2015 17:08

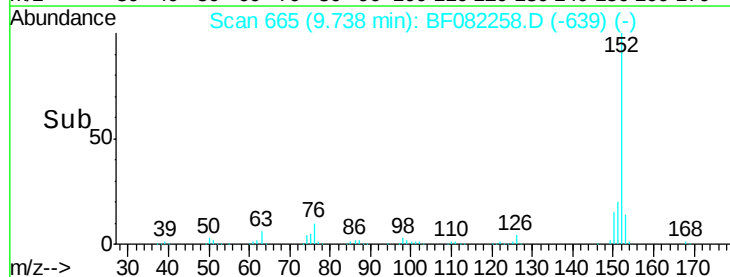
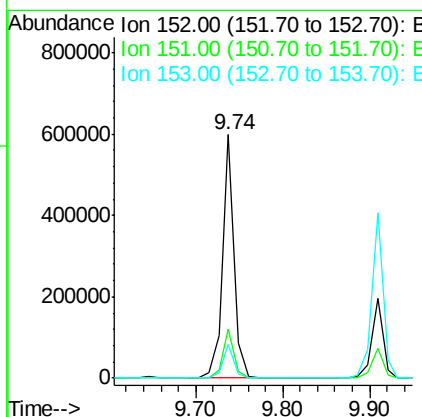
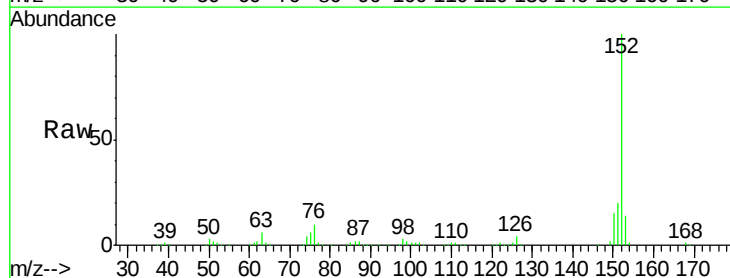
Instrument :
BNA_F
ClientSampleId :
PB86079BS

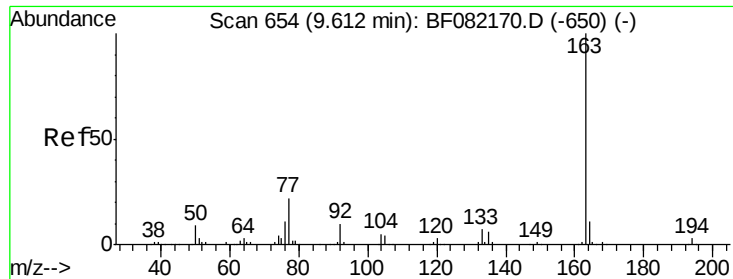
Tot Ion: 65 Resp: 103715
Ion Ratio Lower Upper
65 100
92 72.3 52.3 78.5
138 131.8 72.2 108.4#



#48
Acenaphthylene
Concen: 38.36 ng
RT: 9.74 min Scan# 665
Delta R.T. 0.00 min
Lab File: BF082258.D
Acq: 13 Oct 2015 17:08

Tgt Ion: 152 Resp: 562021
Ion Ratio Lower Upper
152 100
151 20.3 16.4 24.6
153 13.6 10.8 16.2

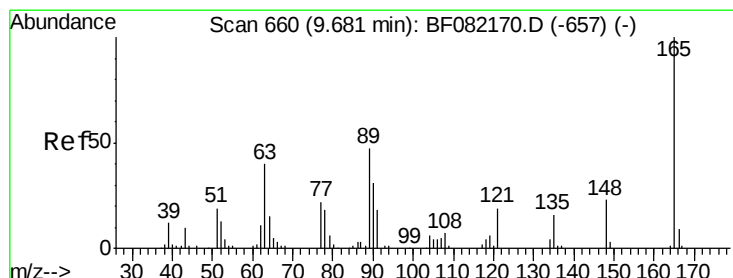
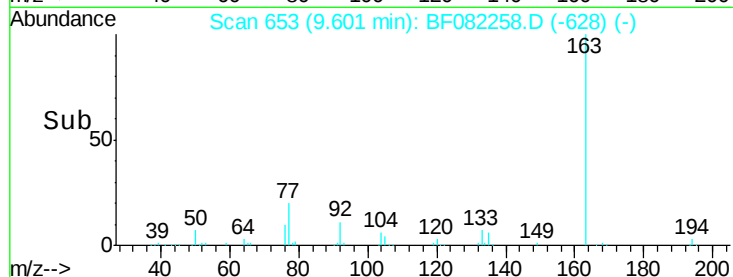
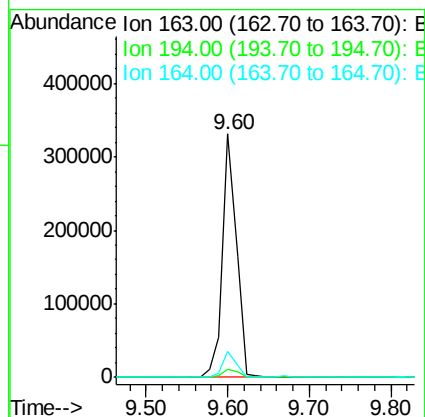
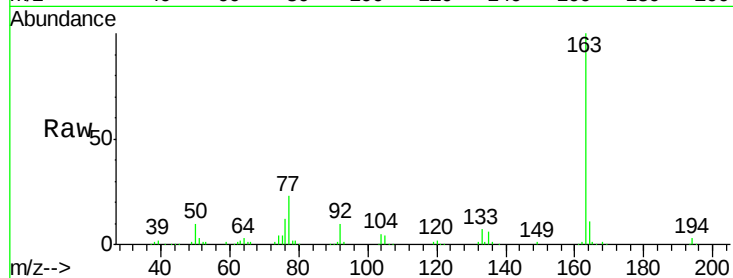




#49
Dimethylphthalate
Concen: 35.55 ng
RT: 9.60 min Scan# 653
Delta R.T. -0.01 min
Lab File: BF082258.D
Acq: 13 Oct 2015 17:08

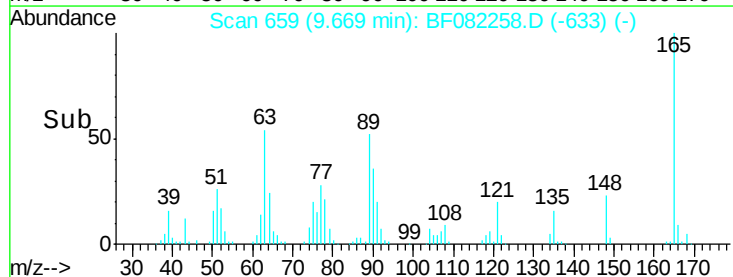
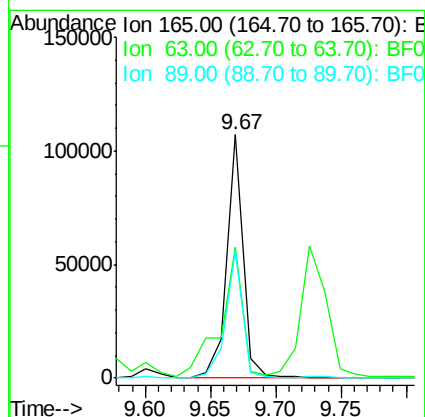
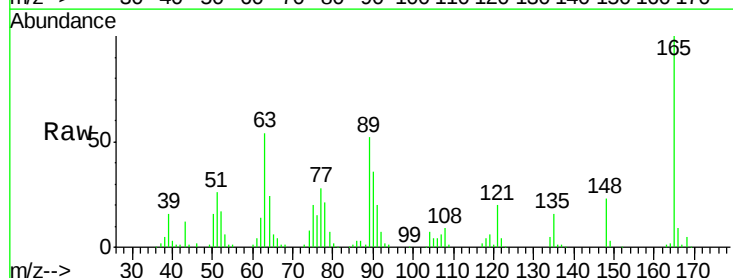
Instrument :
BNA_F
ClientSampleId :
PB86079BS

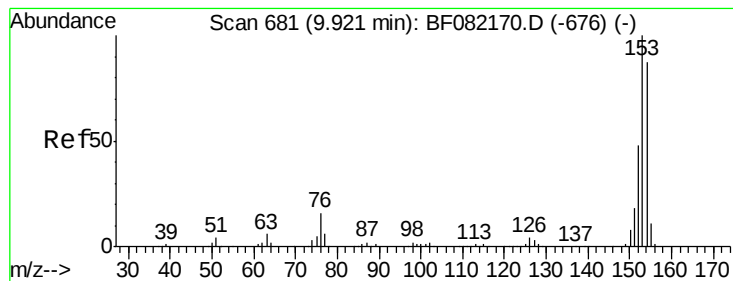
Tot Ion:163 Resp: 392158
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.6 8.5 12.7



#50
2,6-Dinitrotoluene
Concen: 40.70 ng
RT: 9.67 min Scan# 659
Delta R.T. 0.00 min
Lab File: BF082258.D
Acq: 13 Oct 2015 17:08

Tgt Ion:165 Resp: 94724
Ion Ratio Lower Upper
165 100
63 54.0 36.7 55.1
89 52.4 37.8 56.6





#51

Acenaphthene

Concen: 36.70 ng

RT: 9.91 min Scan# 680

Delta R.T. 0.00 min

Lab File: BF082258.D

Acq: 13 Oct 2015 17:08

Instrument :

BNA_F

ClientSampleId :

PB86079BS

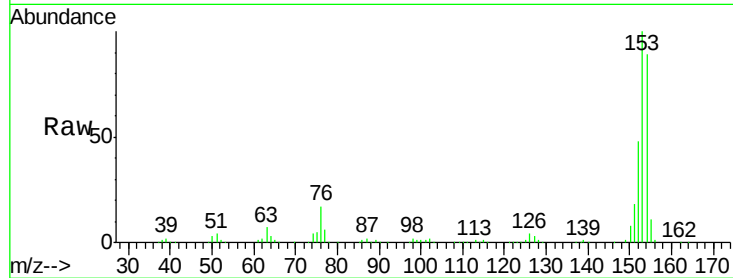
Tot Ion:154 Resp: 322741

Ion Ratio Lower Upper

154 100

153 112.0 91.4 137.2

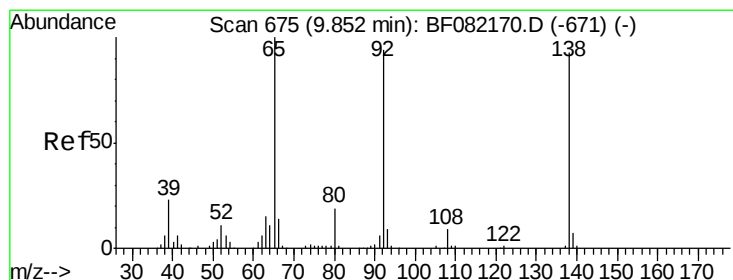
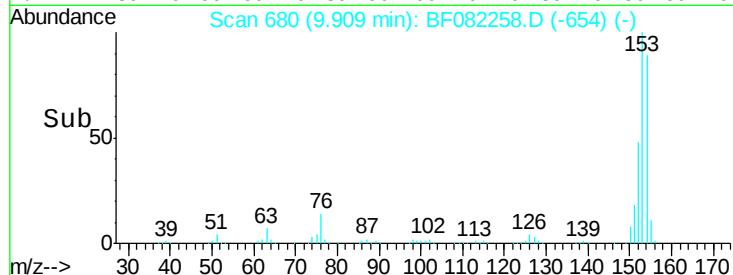
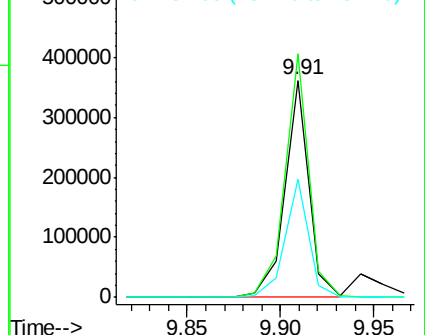
152 54.2 44.3 66.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 19.84 ng

RT: 9.84 min Scan# 674

Delta R.T. 0.00 min

Lab File: BF082258.D

Acq: 13 Oct 2015 17:08

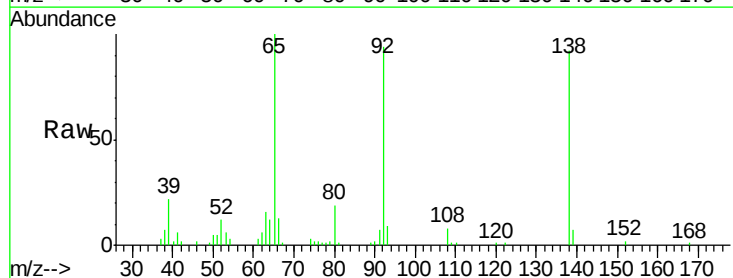
Tgt Ion:138 Resp: 52167

Ion Ratio Lower Upper

138 100

108 9.3 7.4 11.0

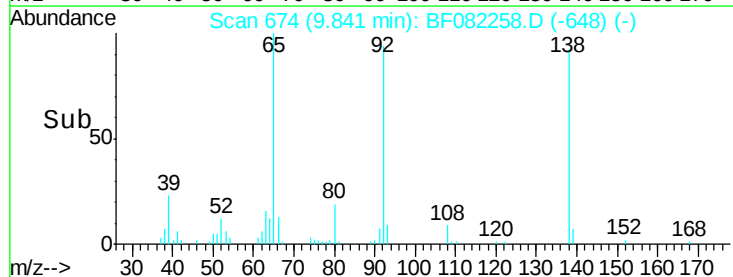
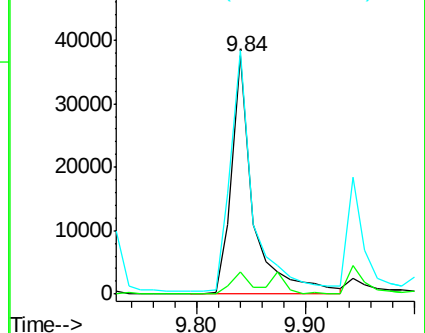
92 102.3 81.3 121.9



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

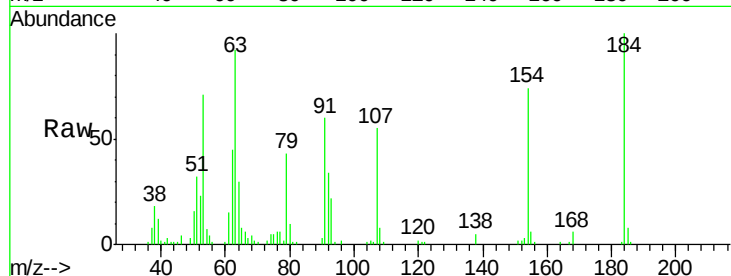




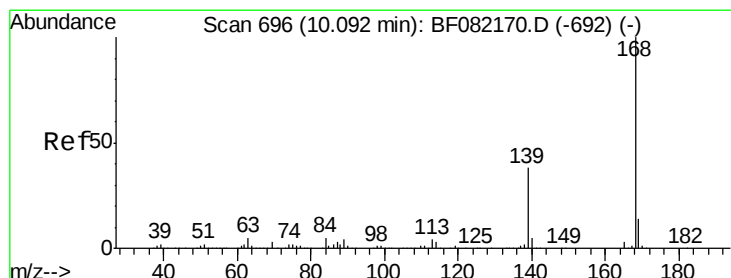
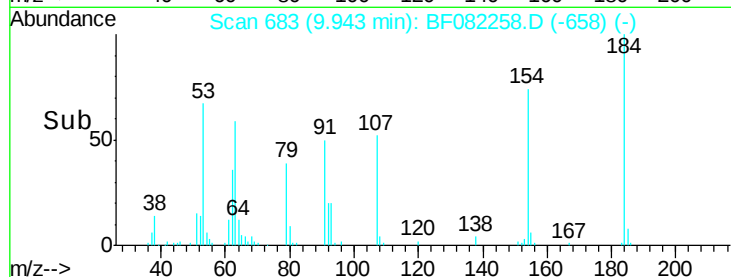
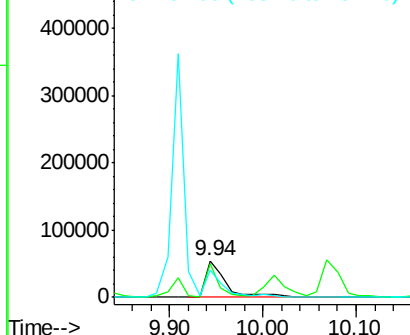
#53
2,4-Dinitrophenol
Concen: 65.87 ng
RT: 9.94 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF082258.D
Acq: 13 Oct 2015 17:08

Instrument :
BNA_F
ClientSampleId :
PB86079BS

Tot Ion:184 Resp: 84081
Ion Ratio Lower Upper
184 100
63 92.1 45.1 67.7#
154 74.1 51.2 76.8

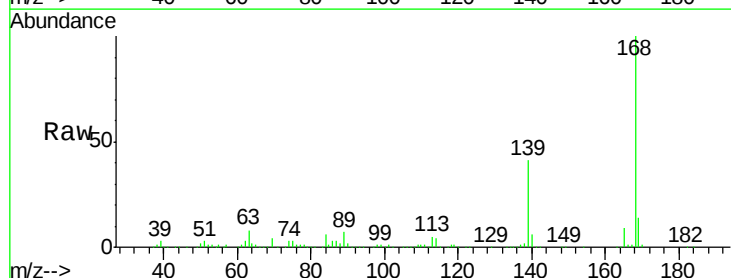


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

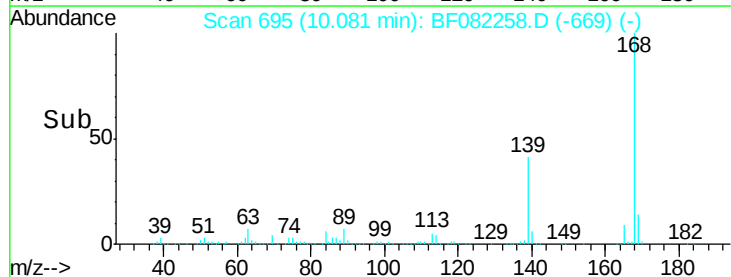
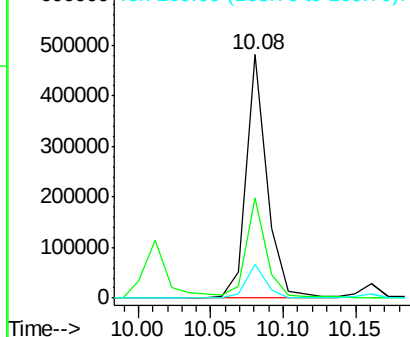


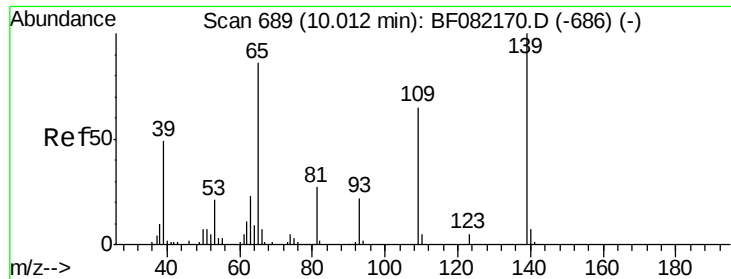
#54
Dibenzofuran
Concen: 39.73 ng
RT: 10.08 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF082258.D
Acq: 13 Oct 2015 17:08

Tgt Ion:168 Resp: 479743
Ion Ratio Lower Upper
168 100
139 40.9 31.0 46.6
169 13.7 10.9 16.3



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

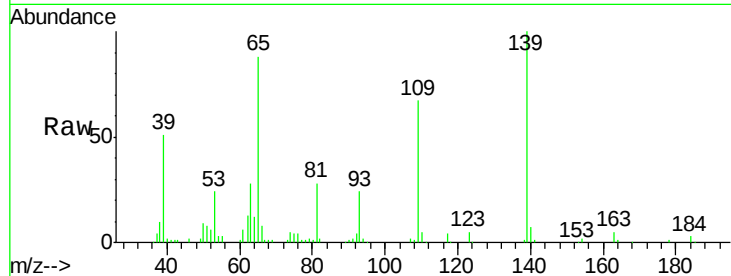




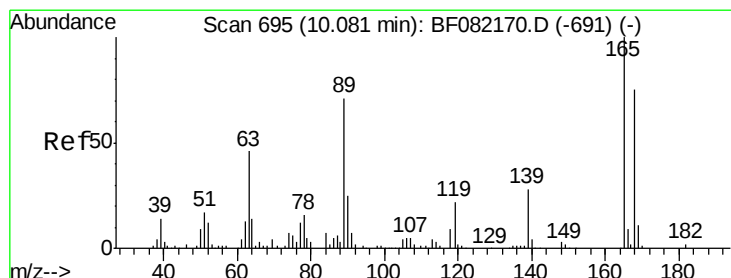
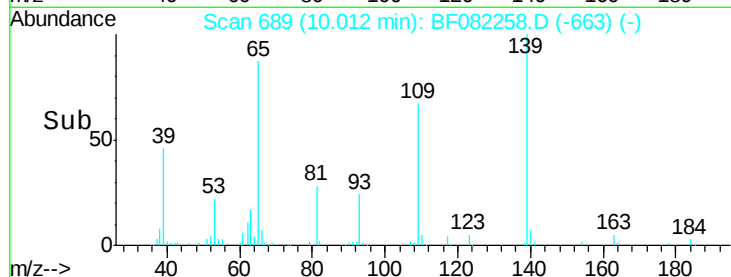
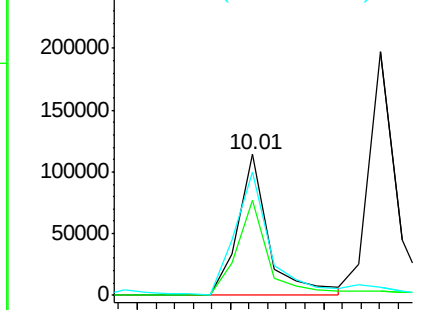
#55
4-Nitrophenol
Concen: 75.36 ng
RT: 10.01 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF082258.D
Acq: 13 Oct 2015 17:08

Instrument :
BNA_F
ClientSampleId :
PB86079BS

Tot Ion:139 Resp: 133728
Ion Ratio Lower Upper
139 100
109 67.4 44.8 84.8
65 87.7 67.7 107.7

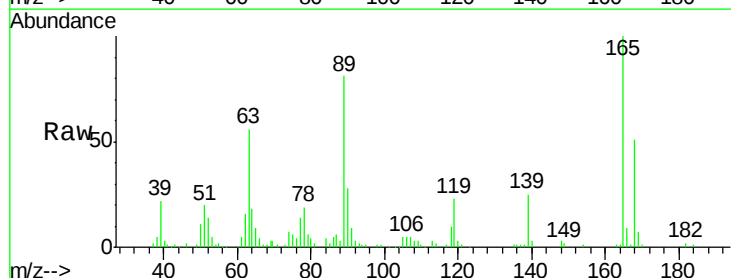


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

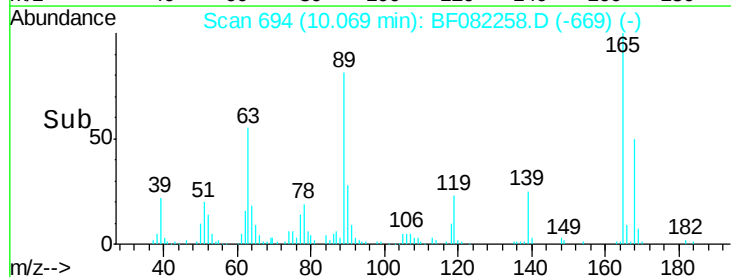
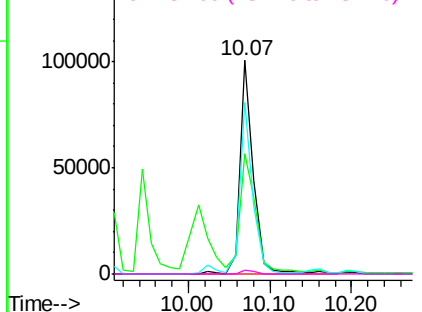


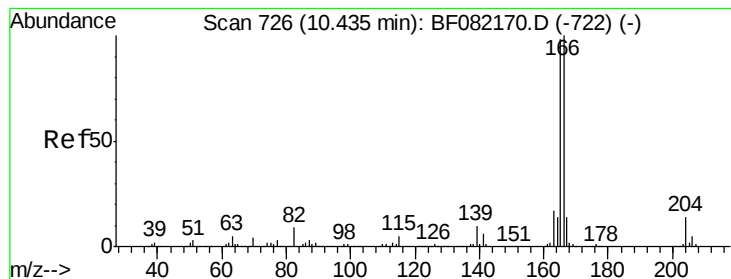
#56
2,4-Dinitrotoluene
Concen: 39.63 ng
RT: 10.07 min Scan# 694
Delta R.T. -0.01 min
Lab File: BF082258.D
Acq: 13 Oct 2015 17:08

Tgt Ion:165 Resp: 115304
Ion Ratio Lower Upper
165 100
63 56.1 38.6 58.0
89 80.6 57.0 85.6
182 2.1 1.8 2.6



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
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 38.64 ng

RT: 10.42 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF082258.D

Acq: 13 Oct 2015 17:08

Instrument :

BNA_F

ClientSampleId :

PB86079BS

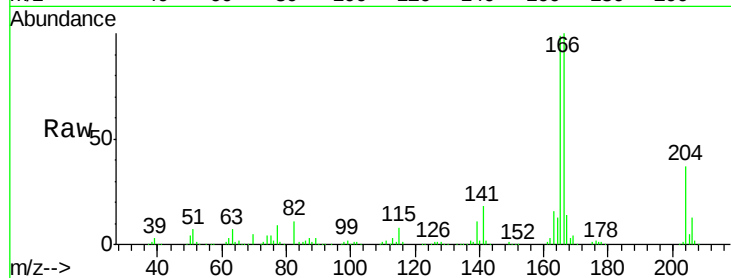
Tot Ion:166 Resp: 383150

Ion Ratio Lower Upper

166 100

165 98.5 78.3 117.5

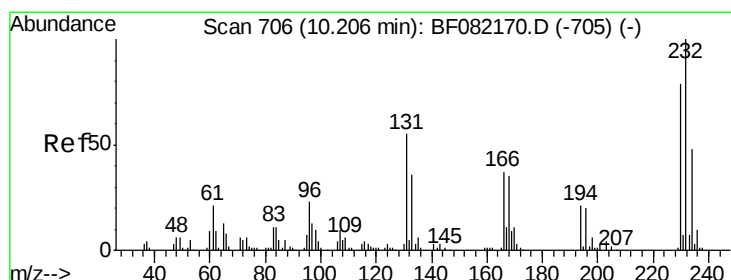
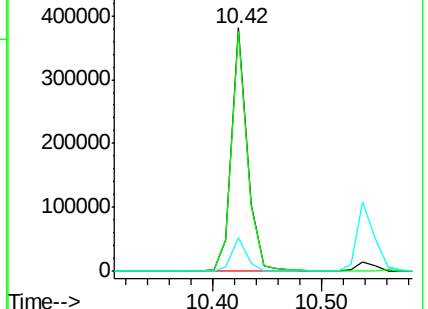
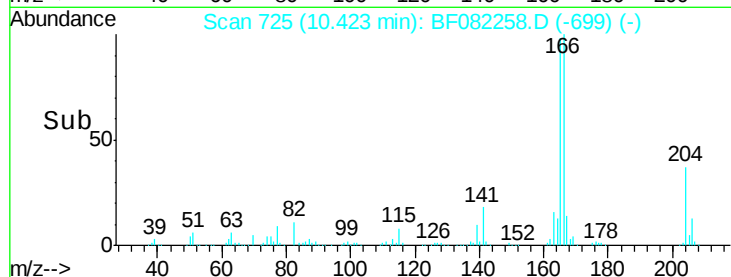
167 13.8 10.8 16.2



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: 40.49 ng

RT: 10.21 min Scan# 706

Delta R.T. 0.00 min

Lab File: BF082258.D

Acq: 13 Oct 2015 17:08

Tgt Ion:232 Resp: 110922

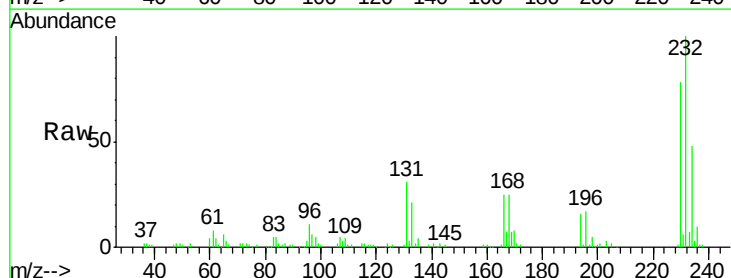
Ion Ratio Lower Upper

232 100

131 41.0 36.6 54.8

130 1.8 1.5 2.3

166 29.0 24.6 37.0

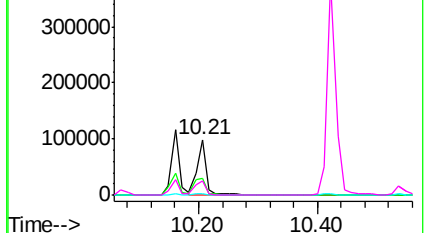
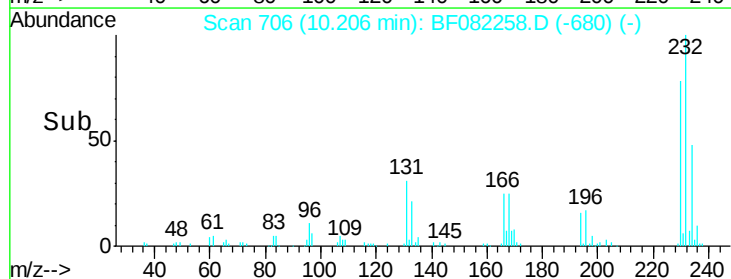


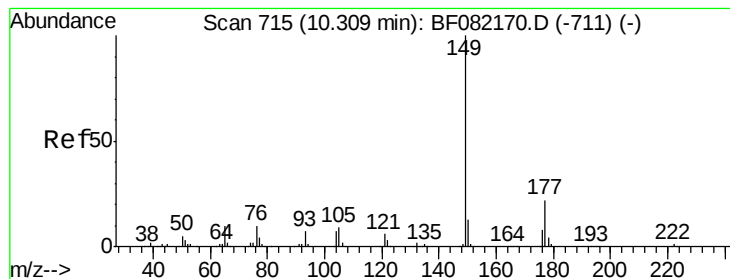
Abundance Ion 232.00 (231.70 to 232.70): E

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: 39.23 ng

RT: 10.31 min Scan# 715

Delta R.T. 0.00 min

Lab File: BF082258.D

Acq: 13 Oct 2015 17:08

Instrument :

BNA_F

ClientSampleId :

PB86079BS

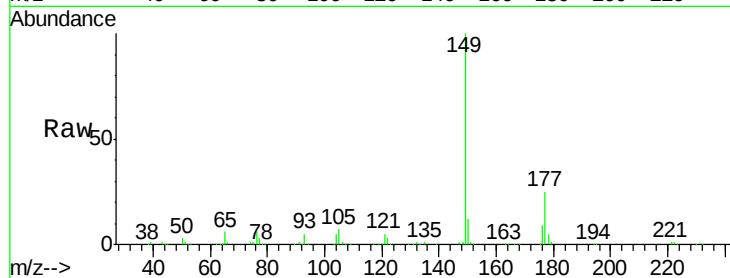
Tot Ion:149 Resp: 403374

Ion Ratio Lower Upper

149 100

177 24.8 17.6 26.4

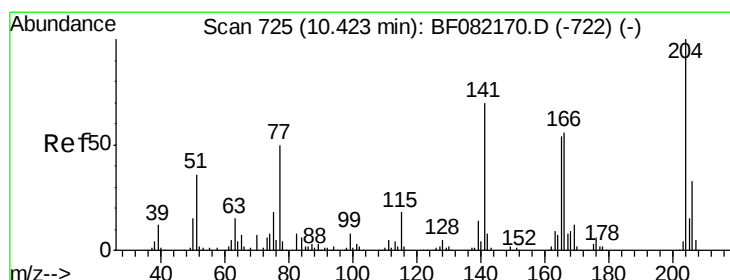
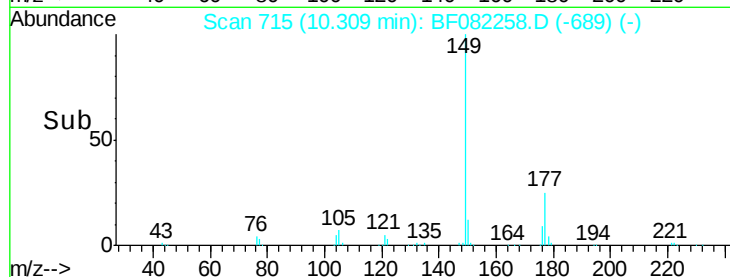
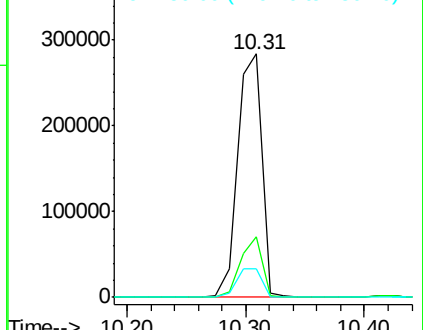
150 11.8 10.3 15.5



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: 39.43 ng

RT: 10.42 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF082258.D

Acq: 13 Oct 2015 17:08

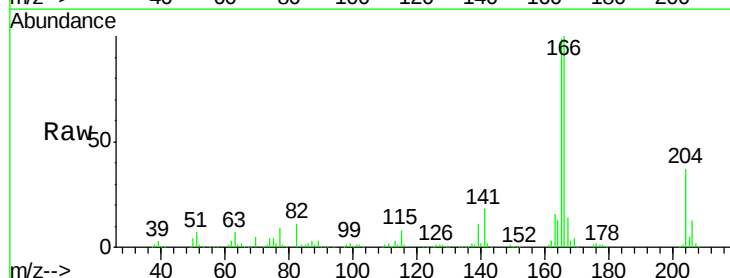
Tgt Ion:204 Resp: 179133

Ion Ratio Lower Upper

204 100

206 34.4 26.8 40.2

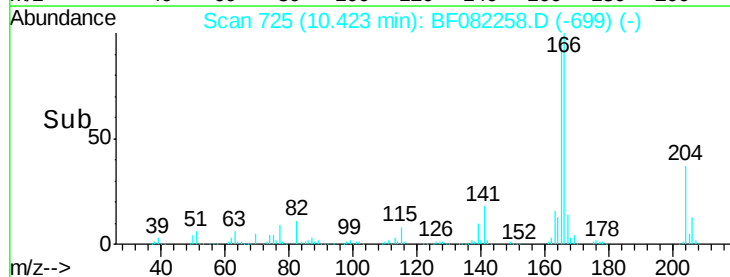
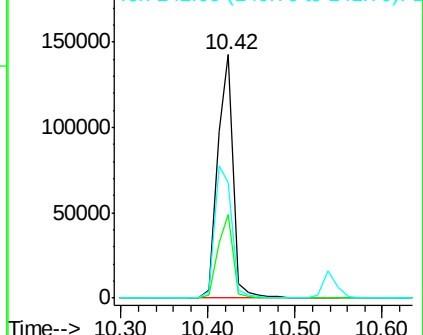
141 47.5 56.1 84.1#

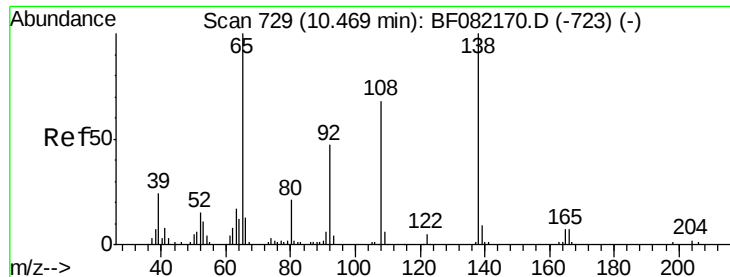


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

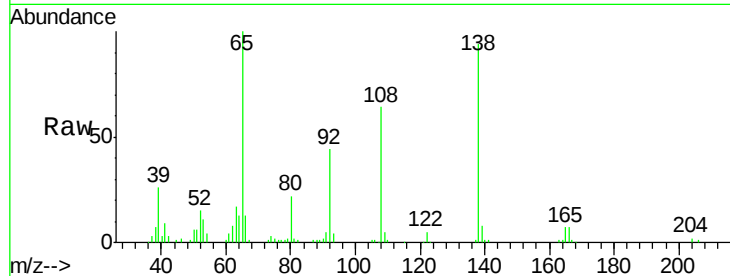




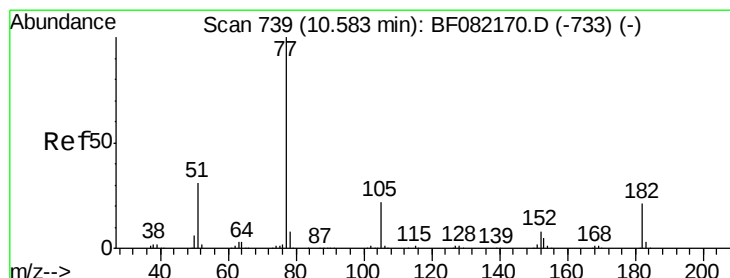
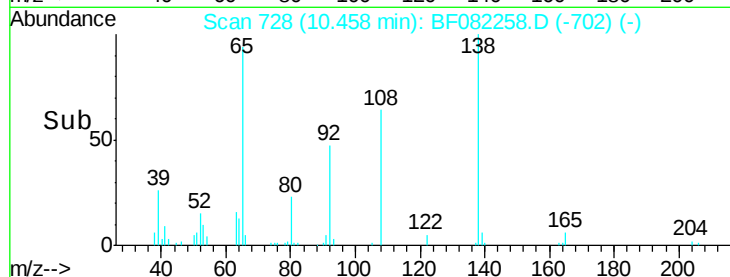
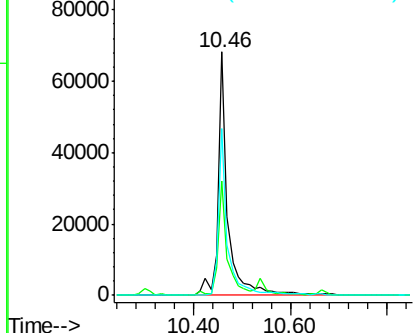
#61
4-Nitroaniline
Concen: 38.30 ng
RT: 10.46 min Scan# 728
Delta R.T. 0.00 min
Lab File: BF082258.D
Acq: 13 Oct 2015 17:08

Instrument :
BNA_F
ClientSampleId :
PB86079BS

Tot Ion:138 Resp: 97668
Ion Ratio Lower Upper
138 100
92 47.2 26.8 66.8
108 68.5 48.4 88.4

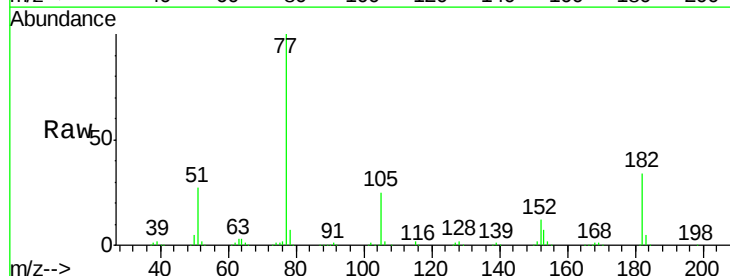


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

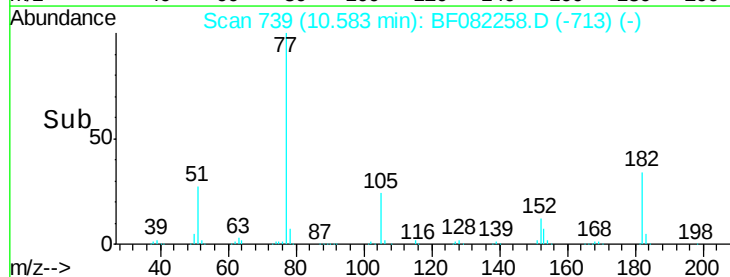
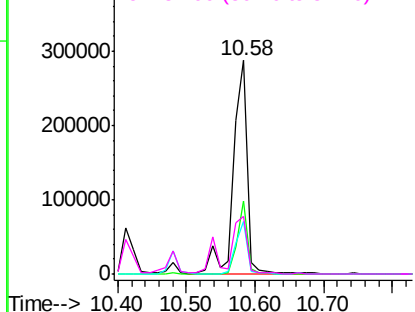


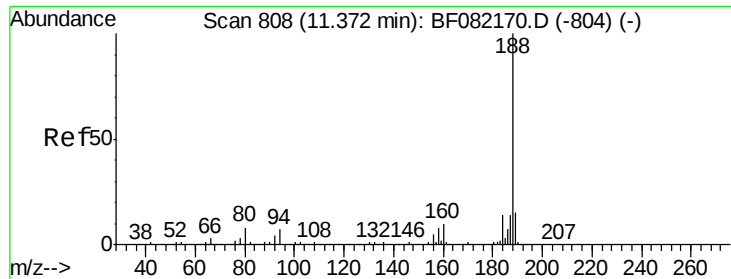
#62
Azobenzene
Concen: 40.39 ng
RT: 10.58 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF082258.D
Acq: 13 Oct 2015 17:08

Tgt Ion: 77 Resp: 406435
Ion Ratio Lower Upper
77 100
182 34.0 0.5 40.5
105 24.7 1.8 41.8
51 26.9 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

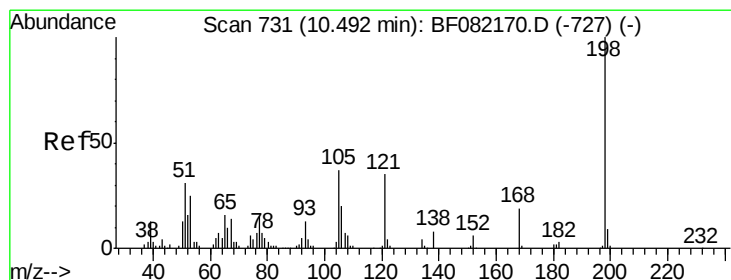
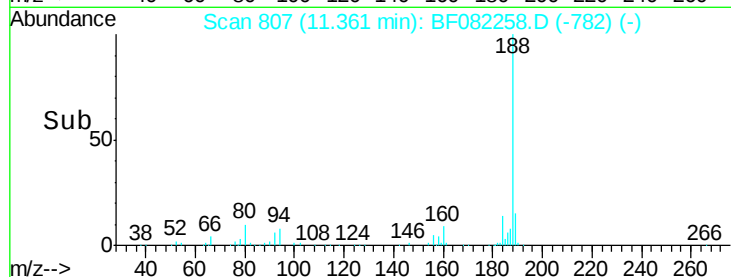
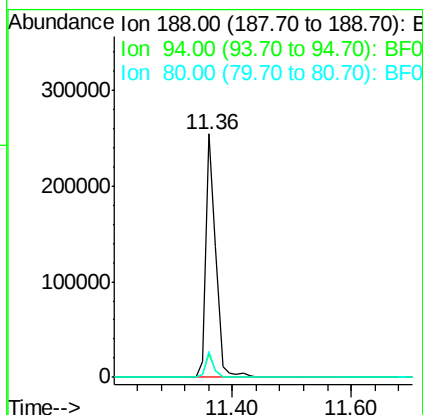
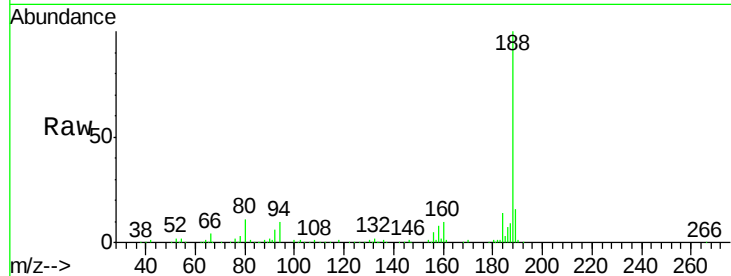




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF082258.D
Acq: 13 Oct 2015 17:08

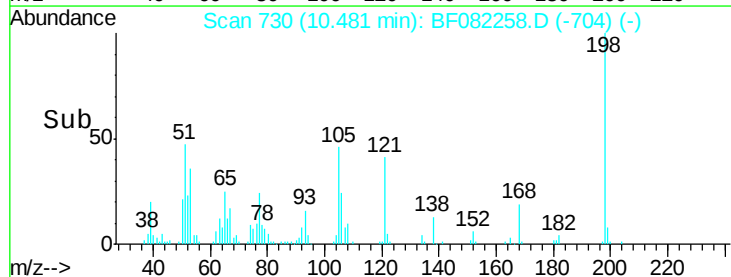
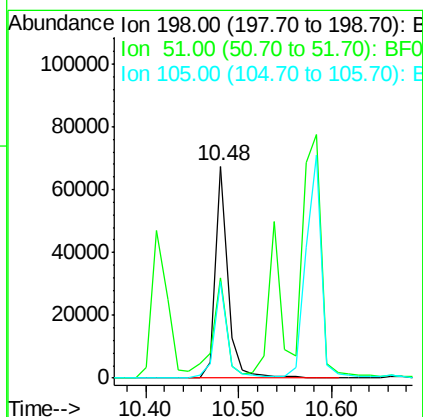
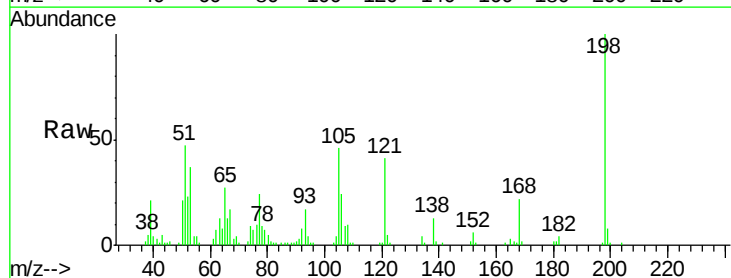
Instrument :
BNA_F
ClientSampleId :
PB86079BS

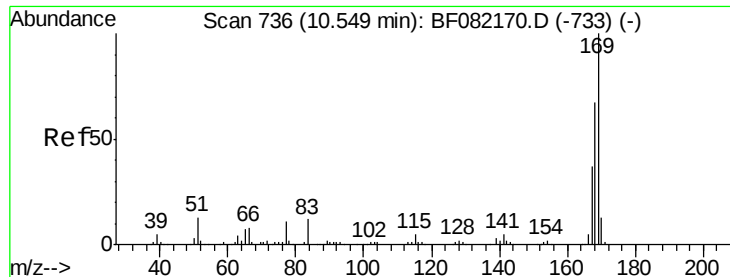
Tot Ion:188 Resp: 300322
Ion Ratio Lower Upper
188 100
94 9.8 5.8 8.6#
80 10.6 6.4 9.6#



#64
4,6-Dinitro-2-methylphenol
Concen: 37.46 ng
RT: 10.48 min Scan# 730
Delta R.T. 0.00 min
Lab File: BF082258.D
Acq: 13 Oct 2015 17:08

Tgt Ion:198 Resp: 63133
Ion Ratio Lower Upper
198 100
51 47.1 13.6 53.6
105 45.6 17.1 57.1





#65

n-Nitrosodiphenylamine

Concen: 36.97 ng

RT: 10.54 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF082258.D

Acq: 13 Oct 2015 17:08

Instrument :

BNA_F

ClientSampleId :

PB86079BS

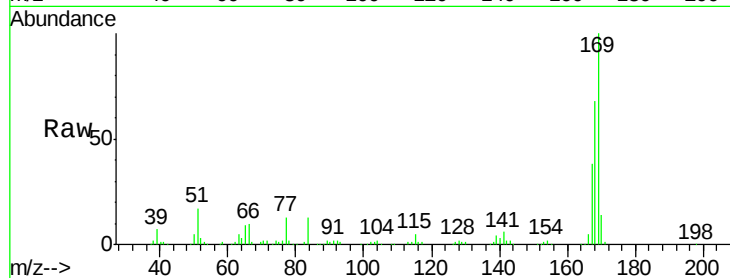
Tot Ion:169 Resp: 332407

Ion Ratio Lower Upper

169 100

168 67.7 54.0 81.0

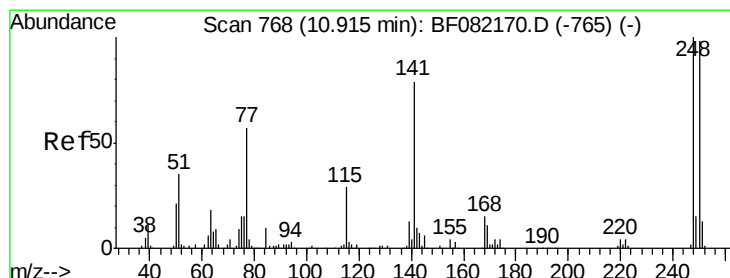
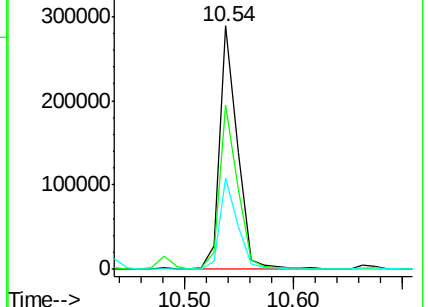
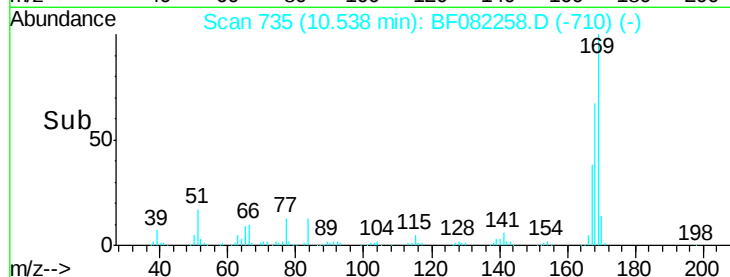
167 37.5 29.6 44.4



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: 37.62 ng

RT: 10.91 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF082258.D

Acq: 13 Oct 2015 17:08

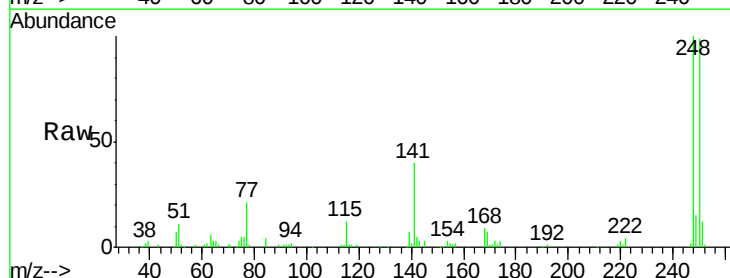
Tgt Ion:248 Resp: 113081

Ion Ratio Lower Upper

248 100

250 99.1 78.6 117.8

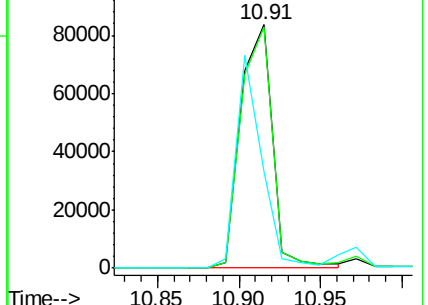
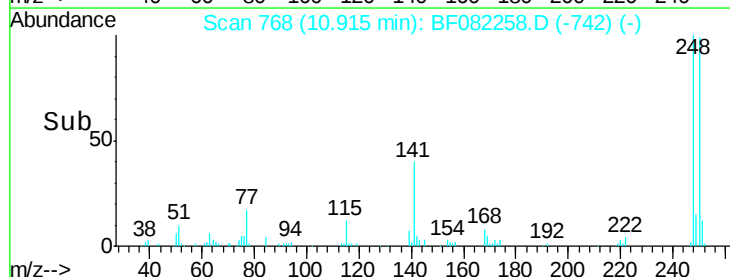
141 39.8 63.3 94.9#

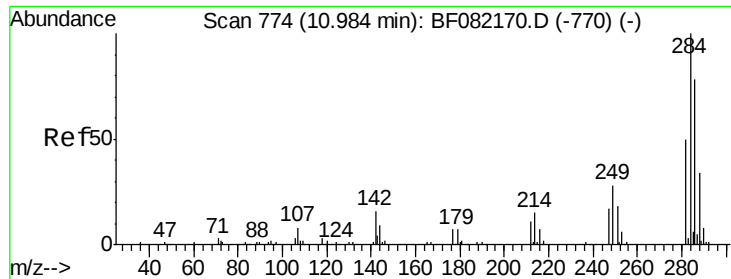


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

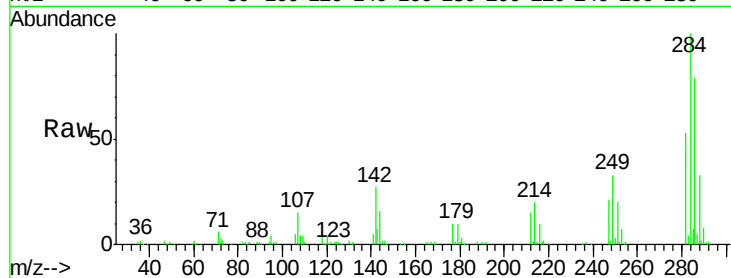




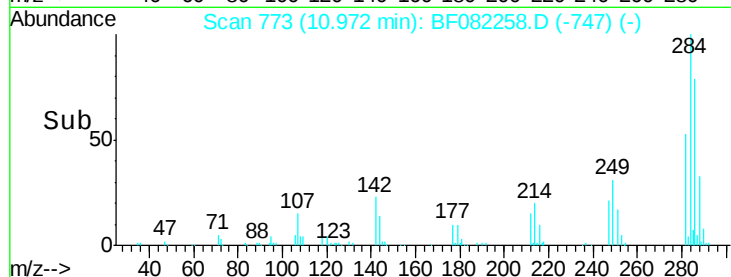
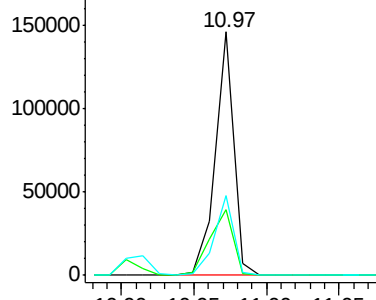
#67
Hexachlorobenzene
Concen: 39.79 ng
RT: 10.97 min Scan# 773
Delta R.T. 0.00 min
Lab File: BF082258.D
Acq: 13 Oct 2015 17:08

Instrument :
BNA_F
ClientSampleId :
PB86079BS

Tot Ion	Ratio	Lower	Upper
284	100		
142	27.0	13.0	19.6#
249	32.7	22.5	33.7

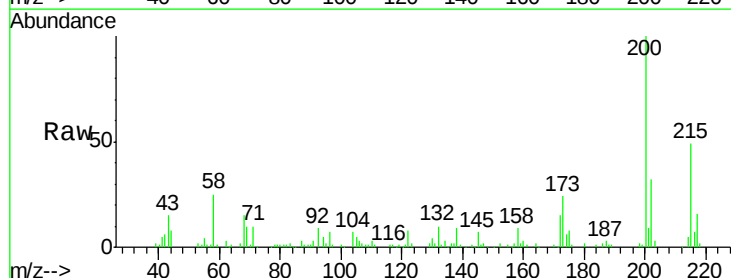


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

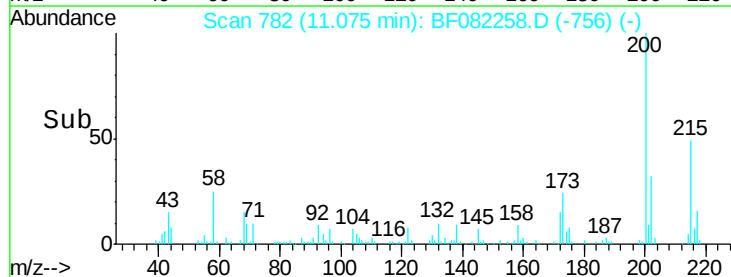
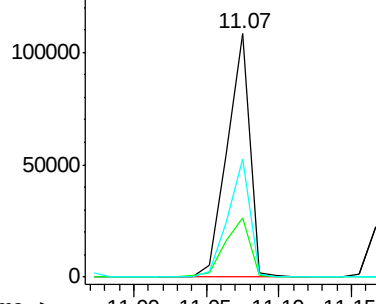


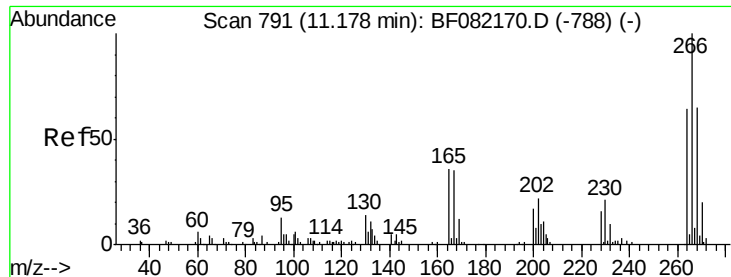
#68
Atrazine
Concen: 41.35 ng
RT: 11.07 min Scan# 782
Delta R.T. 0.00 min
Lab File: BF082258.D
Acq: 13 Oct 2015 17:08

Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.2	7.3	47.3
215	48.7	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

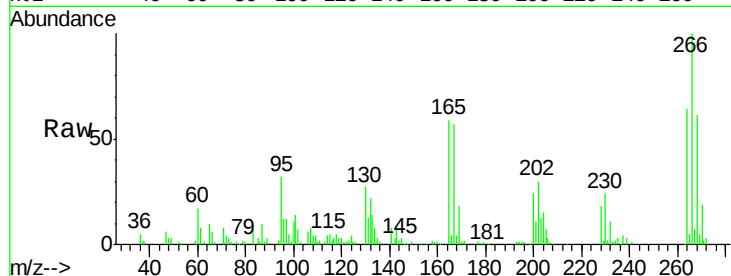




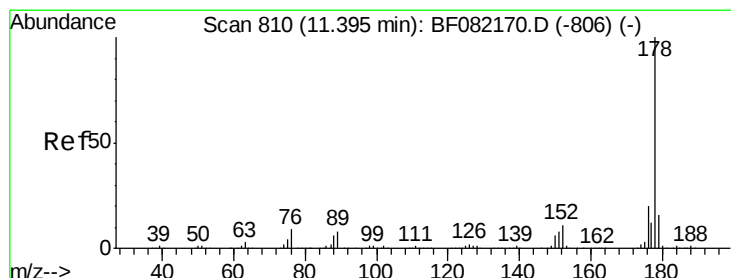
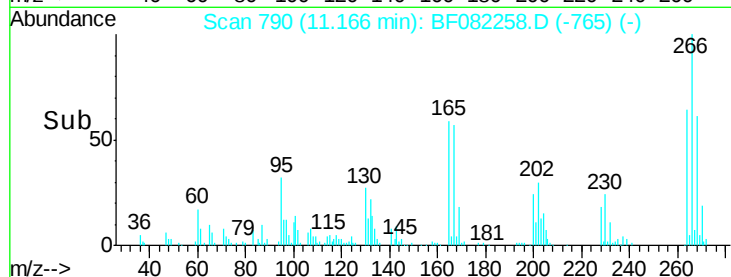
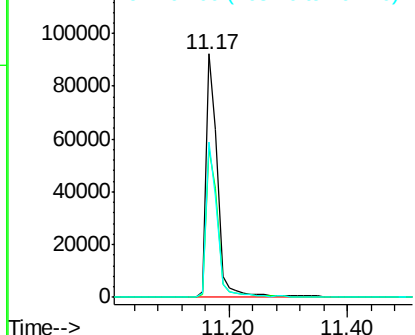
#69
 Pentachlorophenol
 Concen: 74.69 ng
 RT: 11.17 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF082258.D
 Acq: 13 Oct 2015 17:08

Instrument :
 BNA_F
 ClientSampleId :
 PB86079BS

Tot Ion:266 Resp: 124924
 Ion Ratio Lower Upper
 266 100
 268 61.4 52.0 78.0
 264 63.9 51.4 77.0

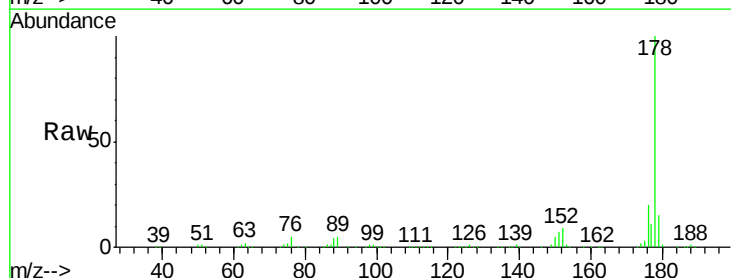


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

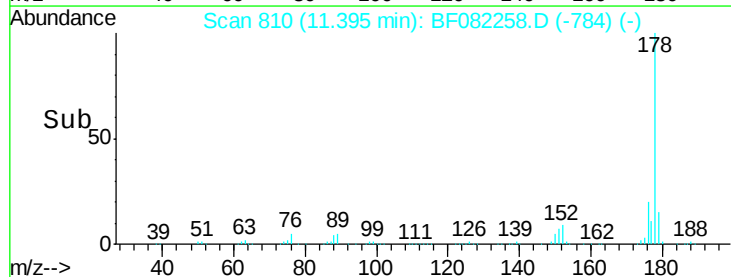
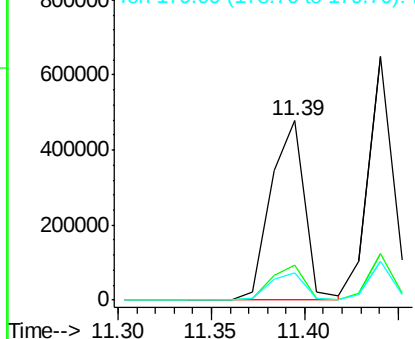


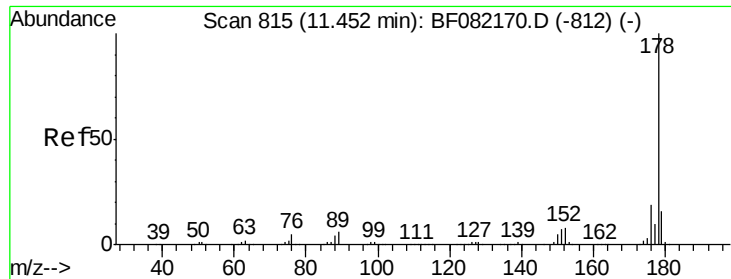
#70
 Phenanthrene
 Concen: 40.96 ng
 RT: 11.39 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF082258.D
 Acq: 13 Oct 2015 17:08

Tgt Ion:178 Resp: 602951
 Ion Ratio Lower Upper
 178 100
 176 19.5 16.0 24.0
 179 15.4 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

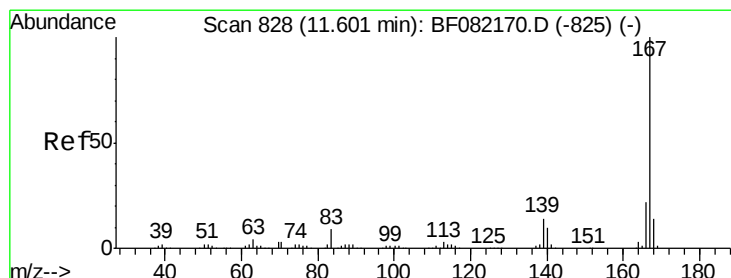
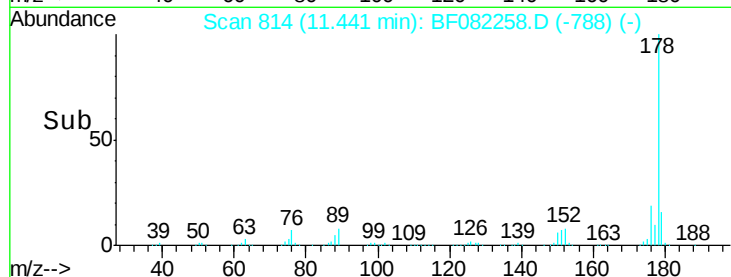
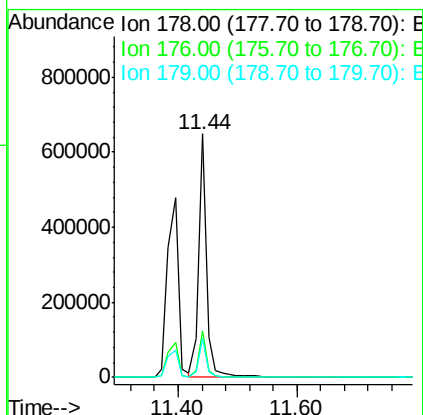
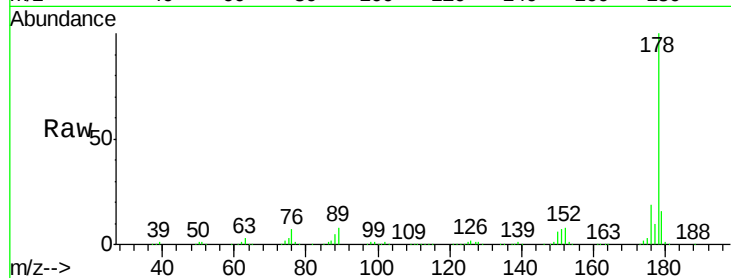




#71
 Anthracene
 Concen: 41.72 ng
 RT: 11.44 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF082258.D
 Acq: 13 Oct 2015 17:08

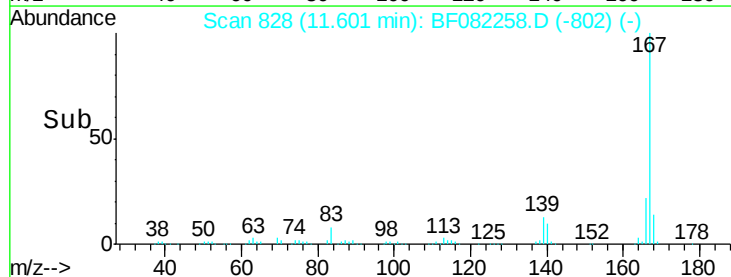
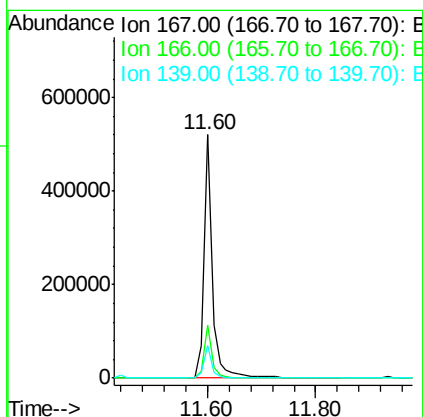
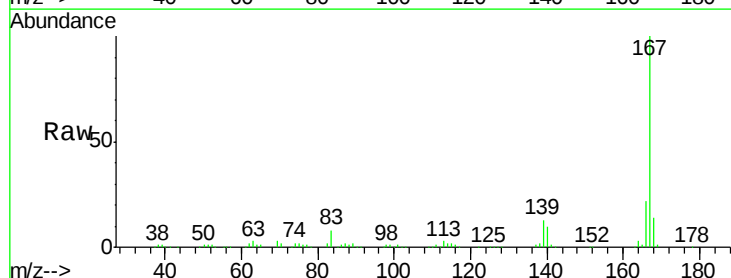
Instrument :
 BNA_F
 ClientSampleId :
 PB86079BS

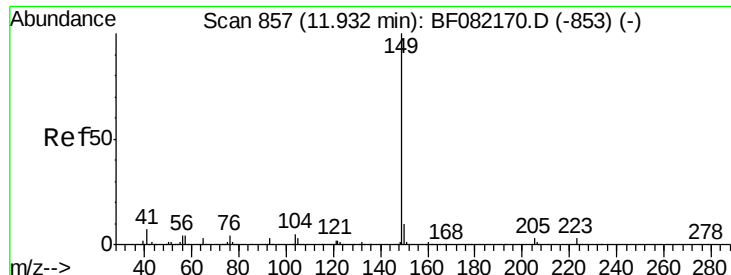
Tot Ion:178 Resp: 632835
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.0
 179 15.8 12.5 18.7



#72
 Carbazole
 Concen: 40.05 ng
 RT: 11.60 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF082258.D
 Acq: 13 Oct 2015 17:08

Tgt Ion:167 Resp: 554179
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.3 25.9
 139 13.4 11.2 16.8





#73

Di-n-butylphthalate

Concen: 39.43 ng

RT: 11.93 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF082258.D

Acq: 13 Oct 2015 17:08

Instrument :

BNA_F

ClientSampleId :

PB86079BS

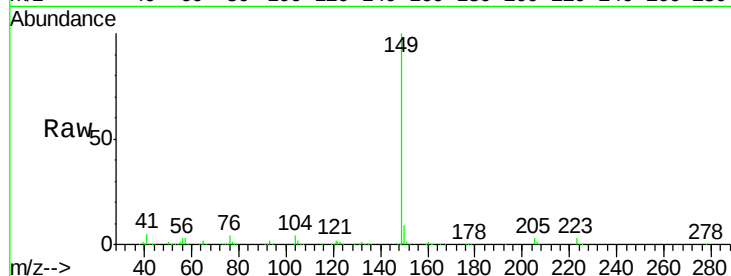
Tot Ion:149 Resp: 673103

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

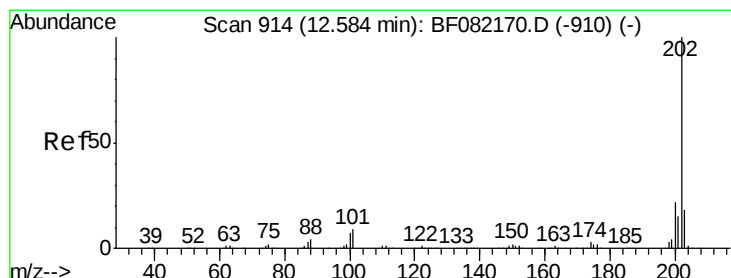
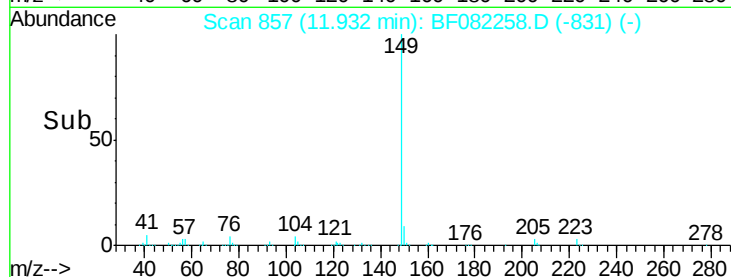
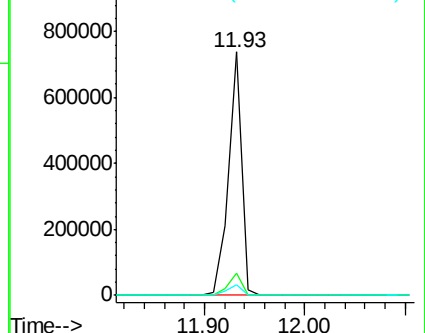
104 4.1 3.8 5.8



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: 40.39 ng

RT: 12.58 min Scan# 914

Delta R.T. -0.01 min

Lab File: BF082258.D

Acq: 13 Oct 2015 17:08

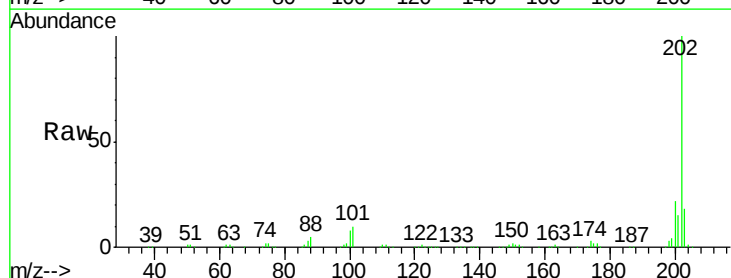
Tgt Ion:202 Resp: 638582

Ion Ratio Lower Upper

202 100

101 10.1 0.0 29.3

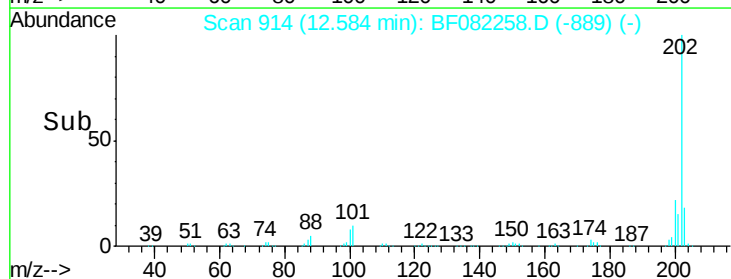
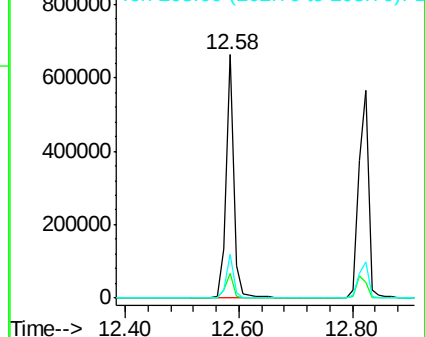
203 18.2 0.0 37.8

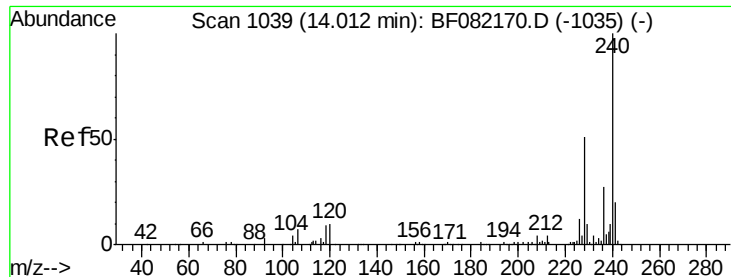


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.10 min Scan# 1047

Delta R.T. -0.03 min

Lab File: BF082258.D

Acq: 13 Oct 2015 17:08

Instrument :

BNA_F

ClientSampleId :

PB86079BS

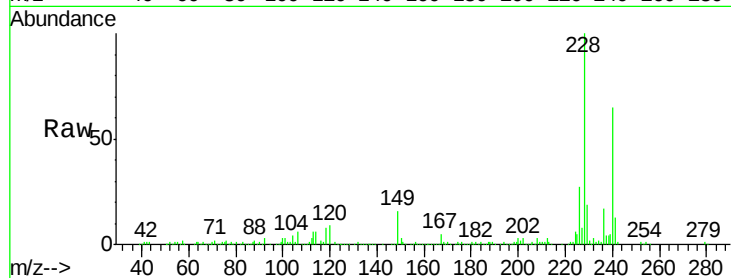
Tot Ion:240 Resp: 290417

Ion Ratio Lower Upper

240 100

120 13.9 8.1 12.1#

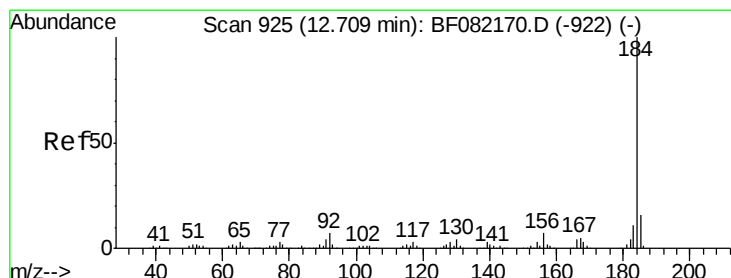
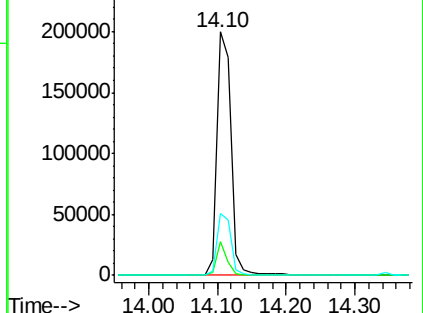
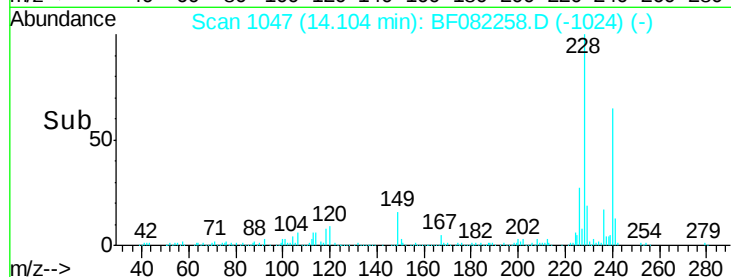
236 25.6 21.3 31.9



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: 36.04 ng

RT: 12.72 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF082258.D

Acq: 13 Oct 2015 17:08

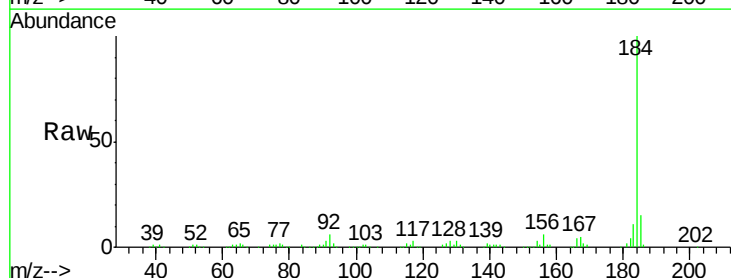
Tgt Ion:184 Resp: 303353

Ion Ratio Lower Upper

184 100

185 14.5 12.5 18.7

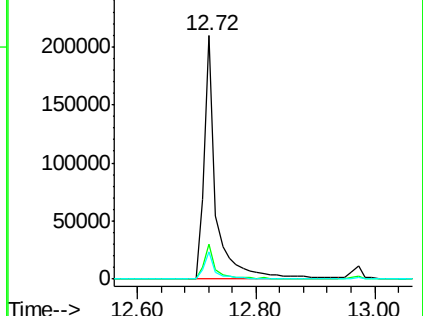
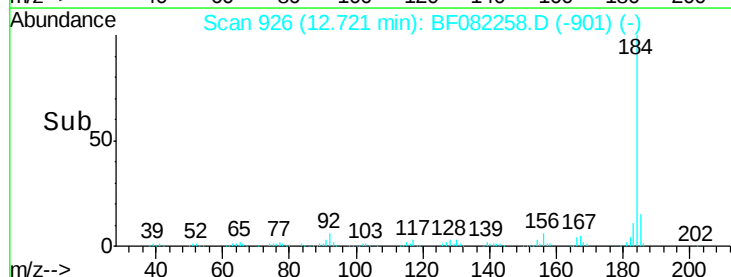
183 11.4 9.1 13.7

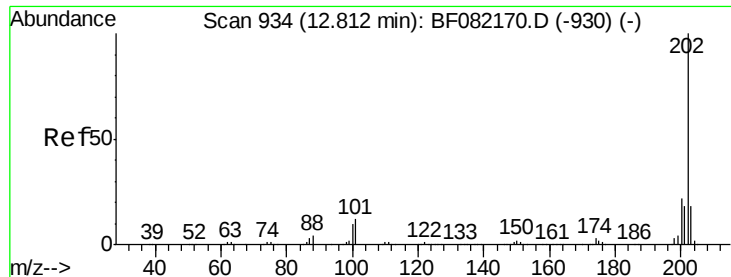


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

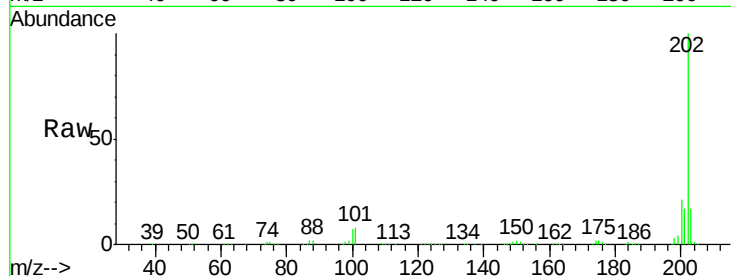




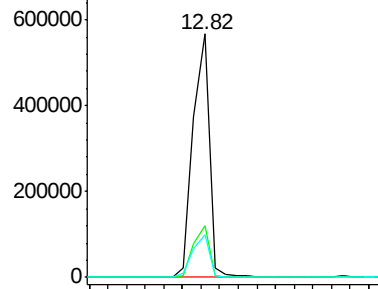
#77
 Pvrene
 Concen: 39.68 ng
 RT: 12.82 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: BF082258.D
 Acq: 13 Oct 2015 17:08

Instrument :
 BNA_F
 ClientSampleId :
 PB86079BS

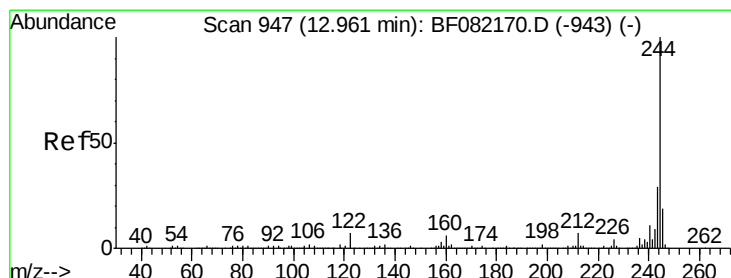
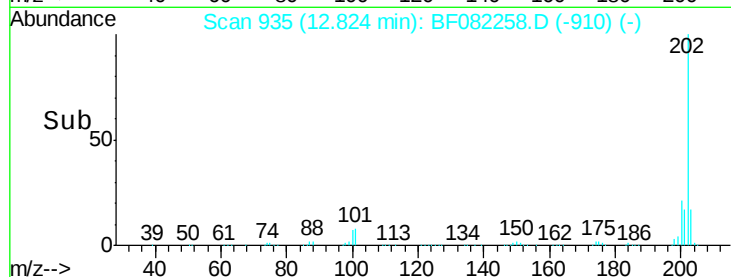
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.9	26.9
203	17.4	14.5	21.7



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

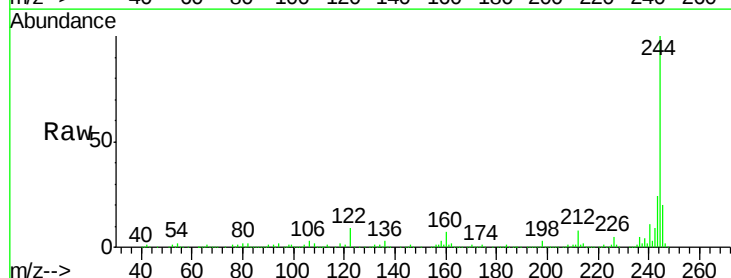


Time--> 12.70 12.80 12.90

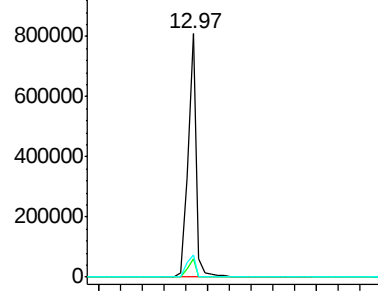


#78
 Terphenyl-d14
 Concen: 79.20 ng
 RT: 12.97 min Scan# 948
 Delta R.T. -0.01 min
 Lab File: BF082258.D
 Acq: 13 Oct 2015 17:08

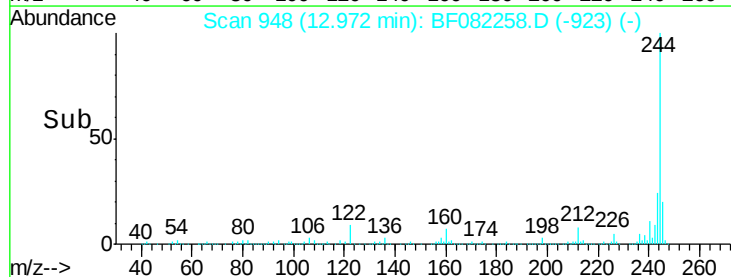
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.8	8.6
122	9.2	5.9	8.9

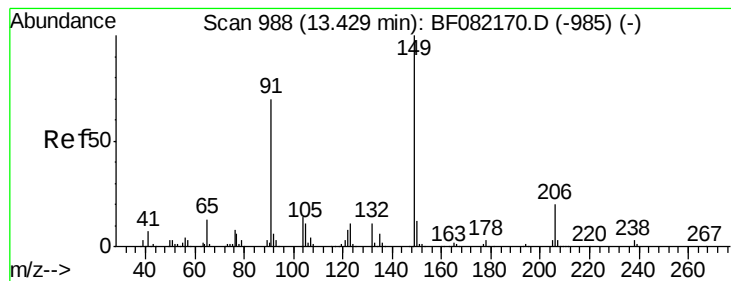


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



Time--> 12.80 13.00 13.20





#79

Butylbenzylphthalate

Concen: 35.12 ng

RT: 13.48 min Scan# 992

Delta R.T. -0.02 min

Lab File: BF082258.D

Acq: 13 Oct 2015 17:08

Instrument :

BNA_F

ClientSampleId :

PB86079BS

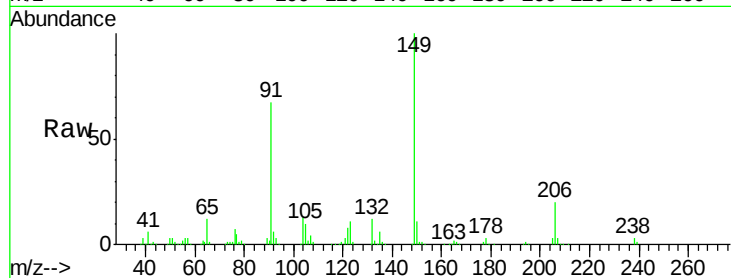
Tot Ion:149 Resp: 276209

Ion Ratio Lower Upper

149 100

91 66.6 55.7 83.5

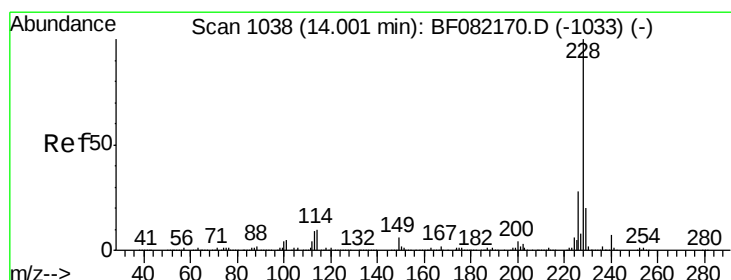
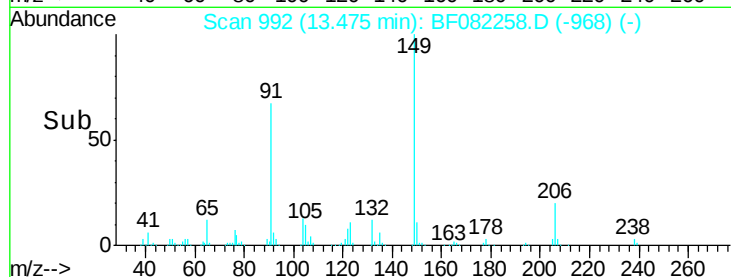
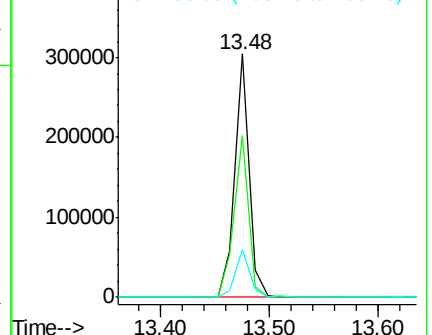
206 19.7 15.6 23.4



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



#80

Benzo(a)anthracene

Concen: 38.30 ng

RT: 14.09 min Scan# 1046

Delta R.T. -0.03 min

Lab File: BF082258.D

Acq: 13 Oct 2015 17:08

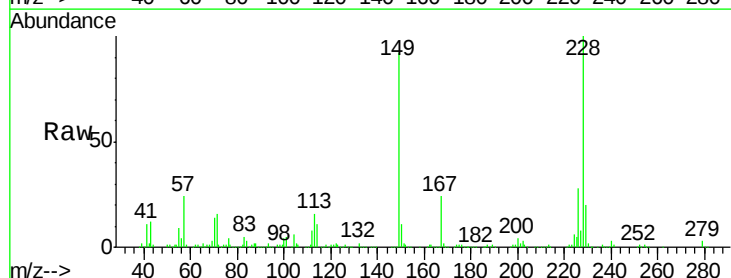
Tgt Ion:228 Resp: 578728

Ion Ratio Lower Upper

228 100

226 28.2 22.3 33.5

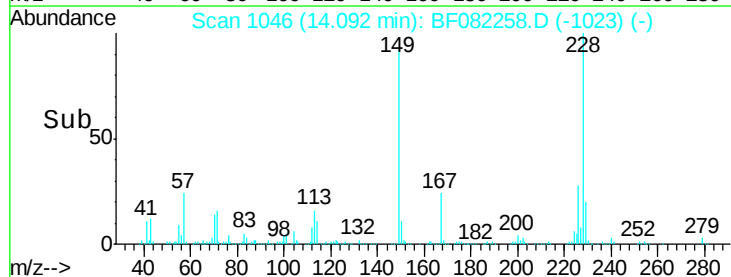
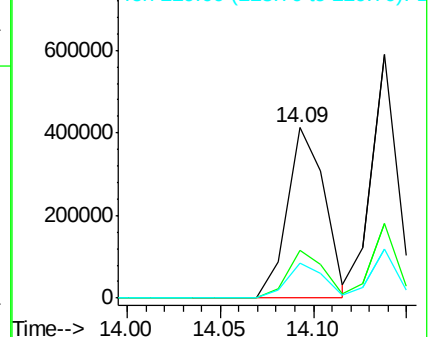
229 20.3 16.2 24.2

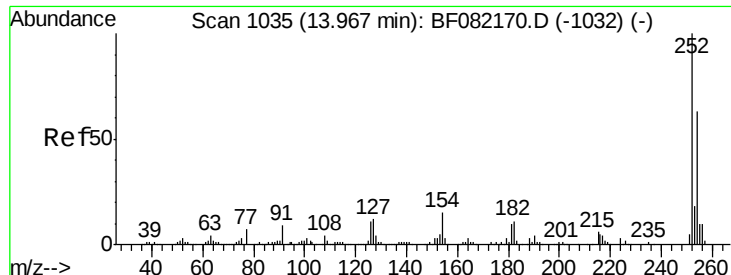


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

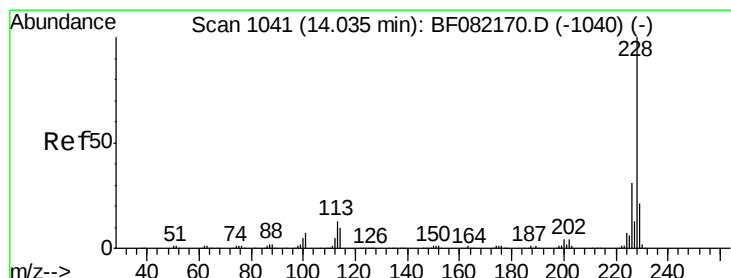
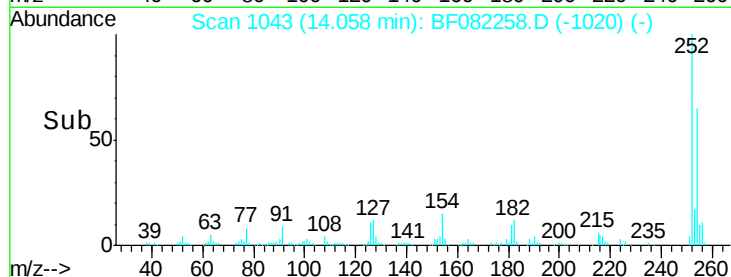
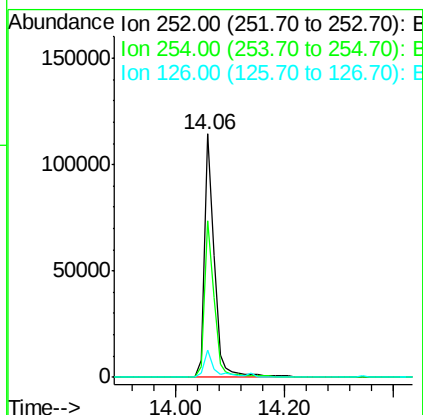
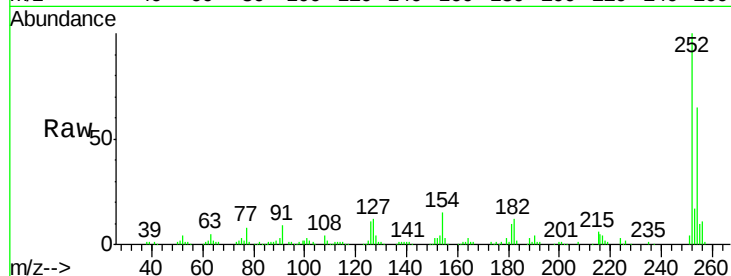




#81
 3,3'-Dichlorobenzidine
 Concen: 24.94 ng
 RT: 14.06 min Scan# 1043
 Delta R.T. -0.03 min
 Lab File: BF082258.D
 Acq: 13 Oct 2015 17:08

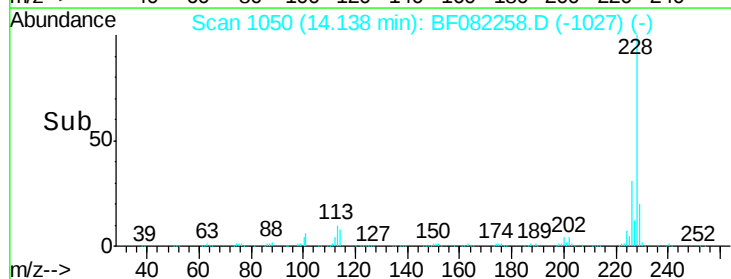
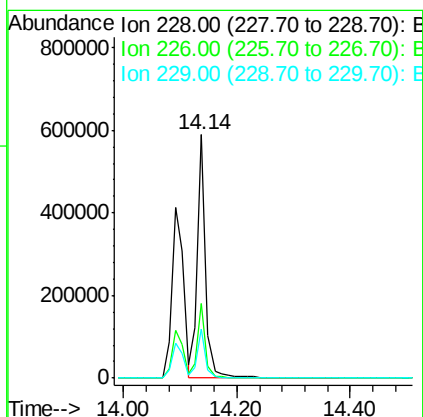
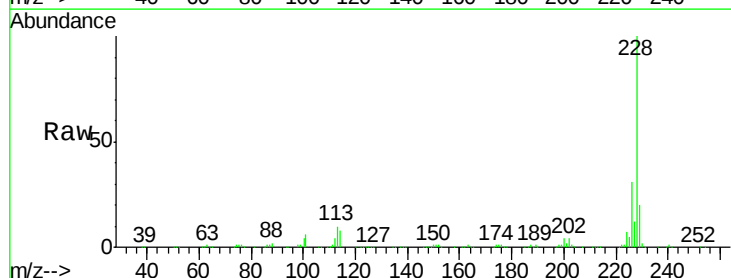
Instrument :
 BNA_F
 ClientSampleId :
 PB86079BS

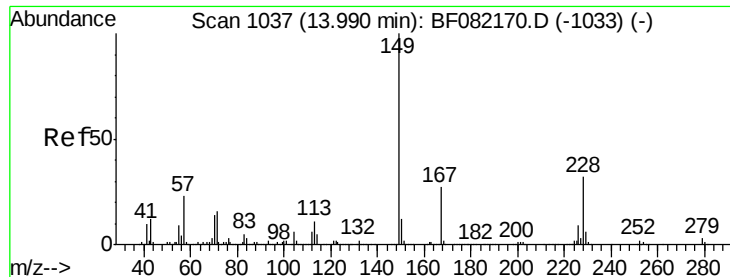
Tot Ion:252 Resp: 143036
 Ion Ratio Lower Upper
 252 100
 254 64.5 50.7 76.1
 126 11.5 9.0 13.6



#82
 Chrysene
 Concen: 37.51 ng
 RT: 14.14 min Scan# 1050
 Delta R.T. -0.03 min
 Lab File: BF082258.D
 Acq: 13 Oct 2015 17:08

Tgt Ion:228 Resp: 597278
 Ion Ratio Lower Upper
 228 100
 226 30.5 24.4 36.6
 229 20.1 16.3 24.5

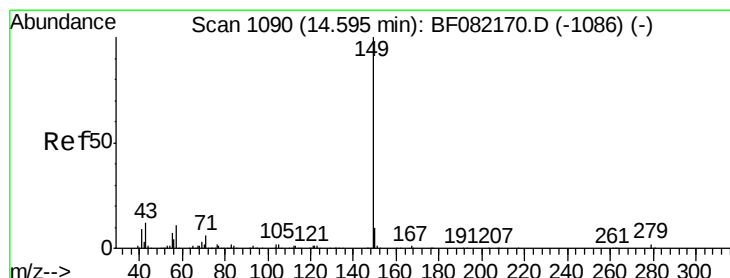
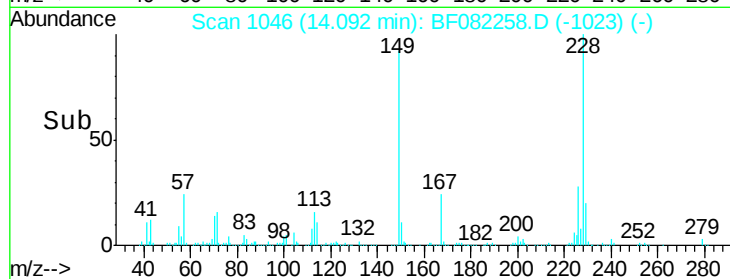
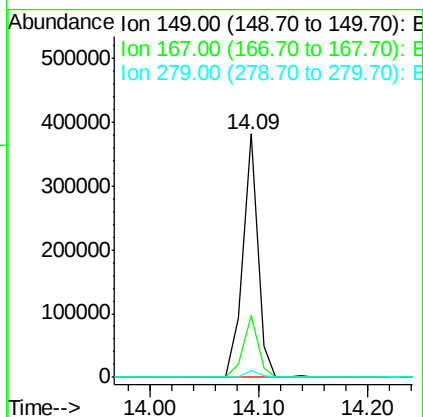
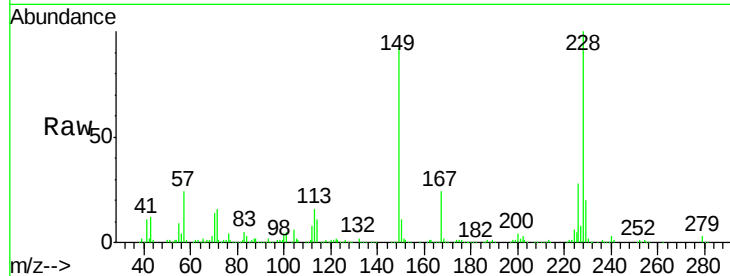




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 32.47 ng
 RT: 14.09 min Scan# 1046
 Delta R.T. -0.03 min
 Lab File: BF082258.D
 Acq: 13 Oct 2015 17:08

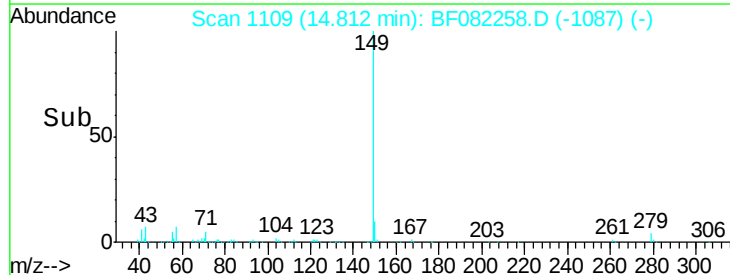
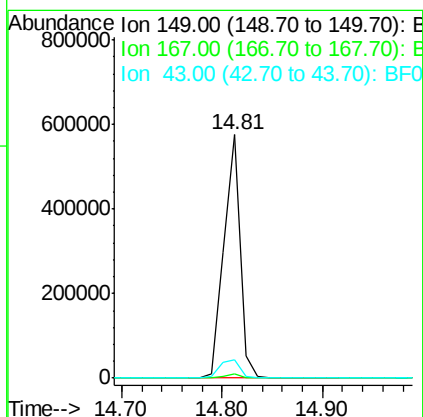
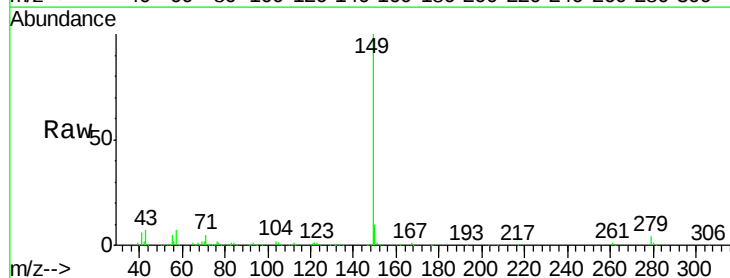
Instrument :
 BNA_F
 ClientSampleId :
 PB86079BS

Tot Ion:149 Resp: 364361
 Ion Ratio Lower Upper
 149 100
 167 25.6 21.3 31.9
 279 2.8 2.6 4.0



#84
 Di-n-octyl phthalate
 Concen: 33.70 ng
 RT: 14.81 min Scan# 1109
 Delta R.T. -0.05 min
 Lab File: BF082258.D
 Acq: 13 Oct 2015 17:08

Tgt Ion:149 Resp: 649454
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.3 1.9
 43 9.1 7.4 11.2

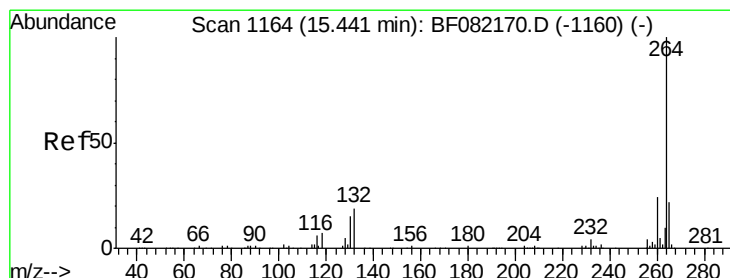
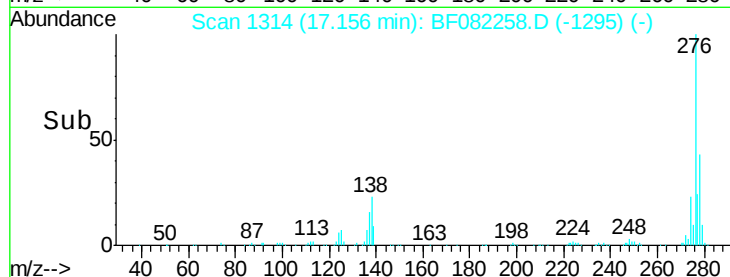
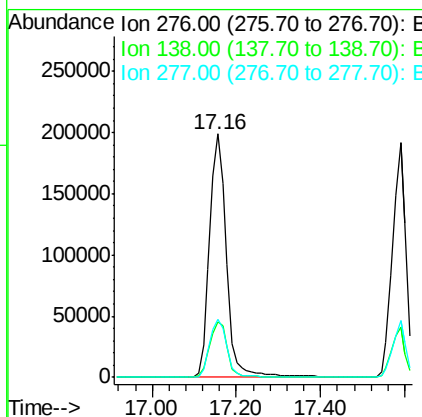
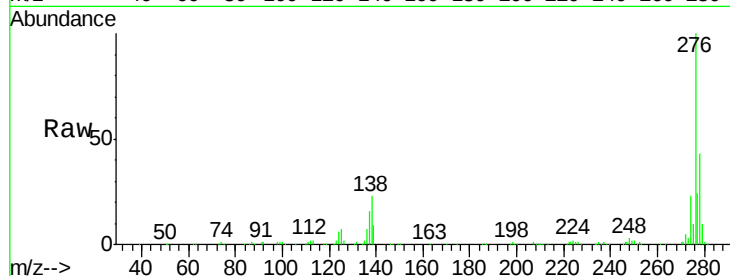




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.21 ng
 RT: 17.16 min Scan# 1314
 Delta R.T. -0.08 min
 Lab File: BF082258.D
 Acq: 13 Oct 2015 17:08

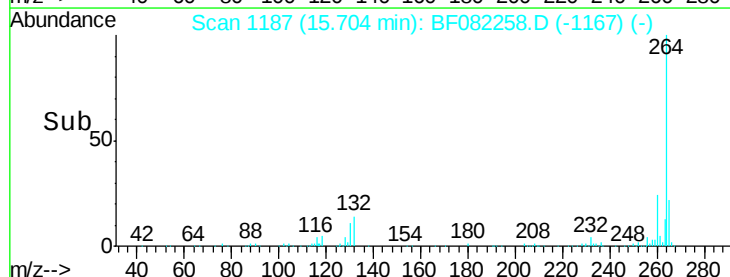
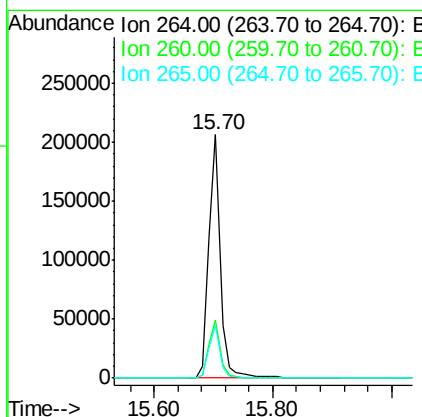
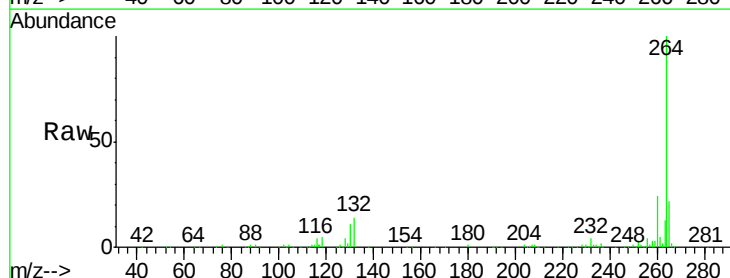
Instrument :
 BNA_F
 ClientSampleId :
 PB86079BS

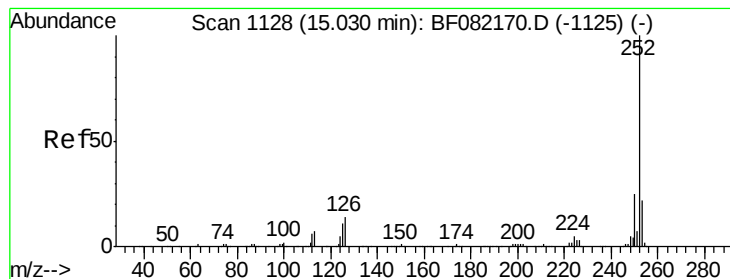
Tot Ion:276 Resp: 559533
 Ion Ratio Lower Upper
 276 100
 138 24.2 19.7 29.5
 277 24.6 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.70 min Scan# 1187
 Delta R.T. -0.07 min
 Lab File: BF082258.D
 Acq: 13 Oct 2015 17:08

Tgt Ion:264 Resp: 280284
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.0 28.6
 265 21.5 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 36.79 ng

RT: 15.28 min Scan# 1150

Delta R.T. -0.06 min

Lab File: BF082258.D

Acq: 13 Oct 2015 17:08

Instrument :

BNA_F

ClientSampleId :

PB86079BS

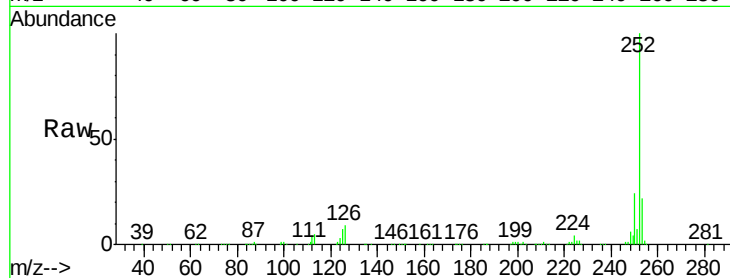
Tot Ion:252 Resp: 627340

Ion Ratio Lower Upper

252 100

253 22.0 18.0 27.0

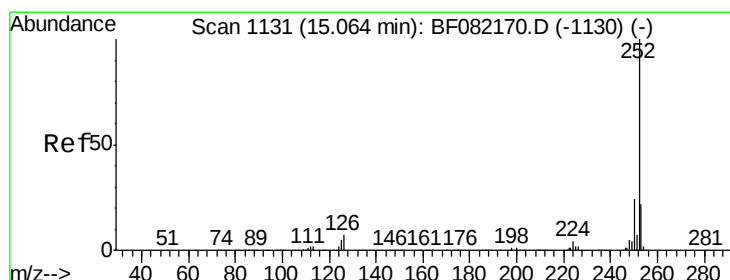
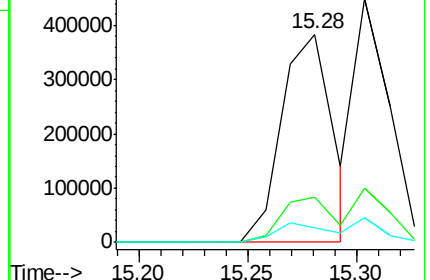
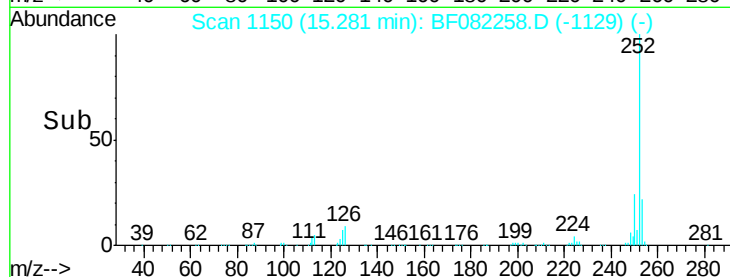
125 6.8 8.6 12.8#



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: 43.77 ng

RT: 15.28 min Scan# 1150

Delta R.T. -0.09 min

Lab File: BF082258.D

Acq: 13 Oct 2015 17:08

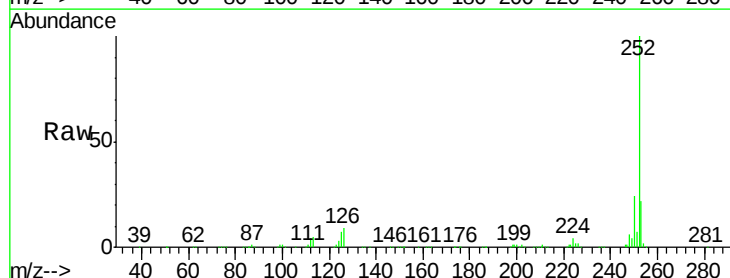
Tgt Ion:252 Resp: 627340

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

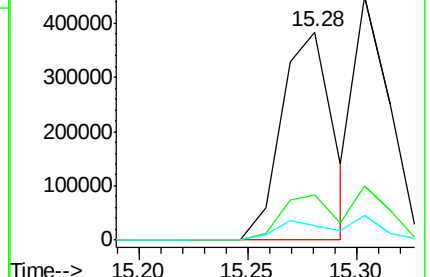
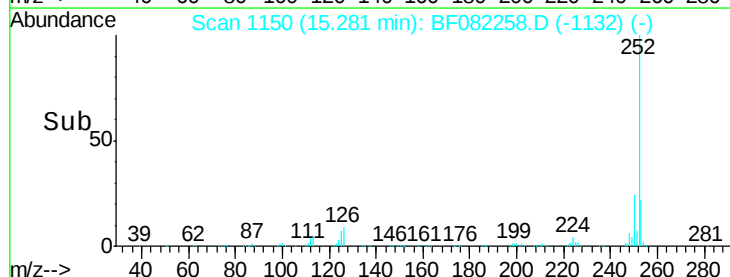
125 6.8 6.7 10.1



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: 39.07 ng

RT: 15.65 min Scan# 1182

Delta R.T. -0.06 min

Lab File: BF082258.D

Acq: 13 Oct 2015 17:08

Instrument :

BNA_F

ClientSampleId :

PB86079BS

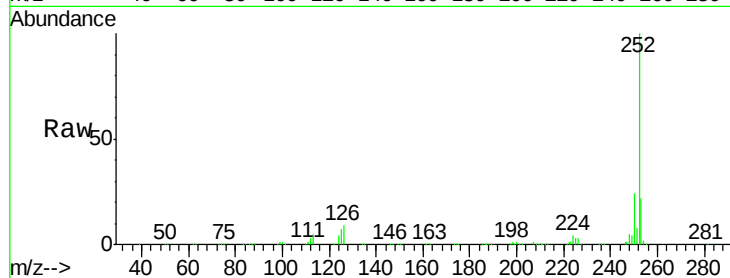
Tot Ion:252 Resp: 572637

Ion Ratio Lower Upper

252 100

253 21.5 18.2 27.2

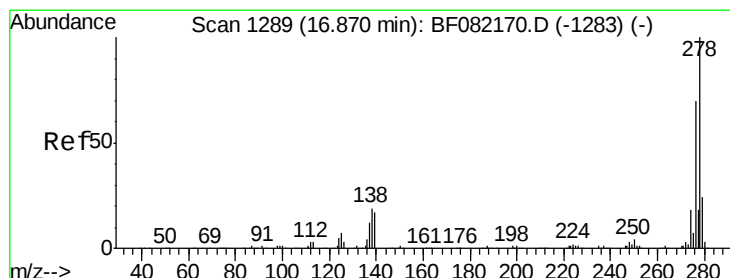
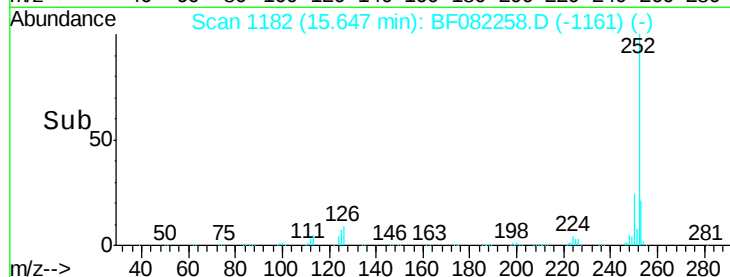
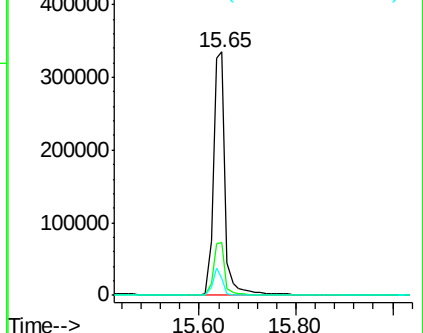
125 6.8 8.9 13.3#



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: 39.11 ng

RT: 17.18 min Scan# 1316

Delta R.T. -0.07 min

Lab File: BF082258.D

Acq: 13 Oct 2015 17:08

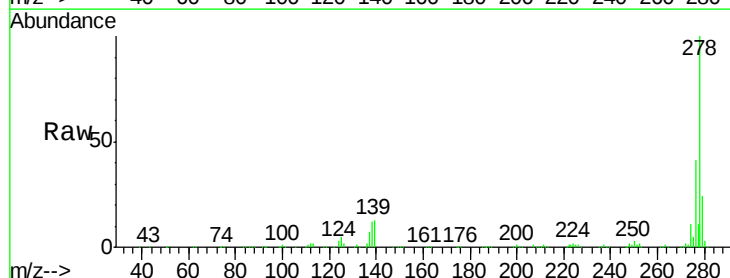
Tgt Ion:278 Resp: 469648

Ion Ratio Lower Upper

278 100

139 12.9 13.3 19.9#

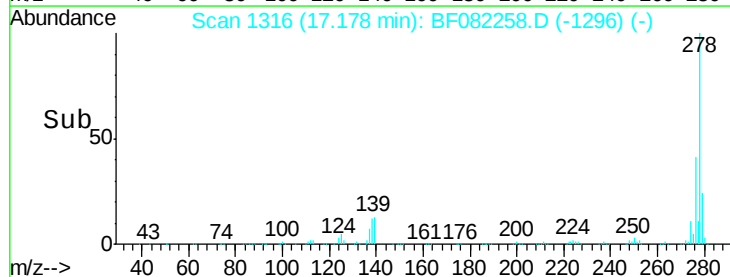
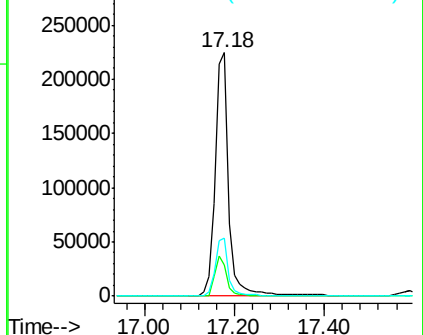
279 23.8 18.9 28.3

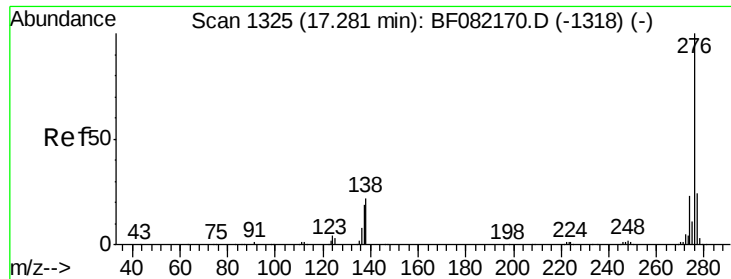


Abundance Ion 278.00 (277.70 to 278.70): E

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: 38.44 ng

RT: 17.59 min Scan# 1352

Delta R.T. -0.08 min

Lab File: BF082258.D

Acq: 13 Oct 2015 17:08

Instrument :

BNA_F

ClientSampleId :

PB86079BS

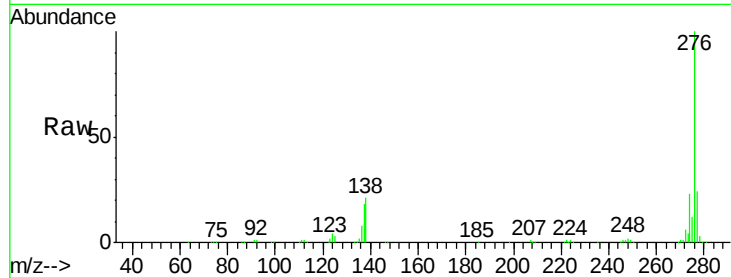
Tot Ion: 276 Resp: 448432

Ion Ratio Lower Upper

276 100

277 24.2 18.8 28.2

138 21.3 17.4 26.2



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

