

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101015\
 Data File : BF082185.D
 Acq On : 10 Oct 2015 19:39
 Operator : UM/IZ
 Sample : G3979-09MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A13COMPMSD

Quant Time: Oct 12 02:09:04 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 12 01:46:21 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.99	152	323153	20.00	ng	0.16
21) Naphthalene-d8	8.13	136	388090	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	201718	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	380359	20.00	ng	0.00
75) Chrysene-d12	14.01	240	331545	20.00	ng	0.00
86) Perylene-d12	15.44	264	258527	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	619455	38.69	ng	0.02
7) Phenol-d6	6.48	99	821012	39.40	ng	0.00
23) Nitrobenzene-d5	7.42	82	586737	101.53	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	270665	143.08	ng	0.01
44) 2-Fluorobiphenyl	9.21	172	1222860	100.53	ng	0.00
78) Terphenyl-d14	12.96	244	1221446	97.63	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.61	88	85569	10.64	ng	# 85
3) Pyridine	3.30	79	130203	6.96	ng	96
4) n-Nitrosodimethylamine	3.23	42	104816	13.21	ng	98
6) Aniline	6.58	93	282725	10.52	ng	# 55
8) 2-Chlorophenol	6.63	128	270585	13.84	ng	92
9) Benzaldehyde	6.39	77	81119	7.62	ng	100
10) Phenol	6.49	94	260651	10.85	ng	96
11) bis(2-Chloroethyl)ether	6.58	93	282841	13.92	ng	95
12) 1,3-Dichlorobenzene	6.86	146	301842	13.26	ng	99
13) 1,4-Dichlorobenzene	6.86	146	301842	12.70	ng	99
14) 1,2-Dichlorobenzene	7.01	146	263317	11.66	ng	99
15) Benzyl Alcohol	6.99	79	208343	14.48	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.12	45	376381	13.30	ng	94
17) 2-Methylphenol	7.11	107	216271	13.99	ng	97
18) Hexachloroethane	7.35	117	101948	12.53	ng	98
19) n-Nitroso-di-n-propylamine	7.27	70	193444	13.22	ng	98
20) 3+4-Methylphenols	7.26	107	253854	13.78	ng	96
22) Acetophenone	7.26	105	364468	47.48	ng	98
24) Nitrobenzene	7.43	77	261765	41.85	ng	98
25) Isophorone	7.67	82	534953	45.86	ng	99
26) 2-Nitrophenol	7.75	139	158631	50.79	ng	99
27) 2,4-Dimethylphenol	7.78	122	238970	47.49	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	341179	50.27	ng	100
29) 2,4-Dichlorophenol	7.99	162	260901	51.86	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	260269	44.89	ng	98
31) Naphthalene	8.15	128	776510	46.16	ng	99
32) Benzoic acid	7.93	122	164155	48.60	ng	95
33) 4-Chloroaniline	8.22	127	39615	5.67	ng	97
34) Hexachlorobutadiene	8.26	225	163864	45.35	ng	97
35) Caprolactam	8.58	113	40880	28.00	ng	# 75
36) 4-Chloro-3-methylphenol	8.70	107	257834	52.41	ng	87
37) 2-Methylnaphthalene	8.85	142	567424	48.65	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	264376	44.06	ng	98
40) Hexachlorocyclopentadiene	8.99	237	285680	92.63	ng	98

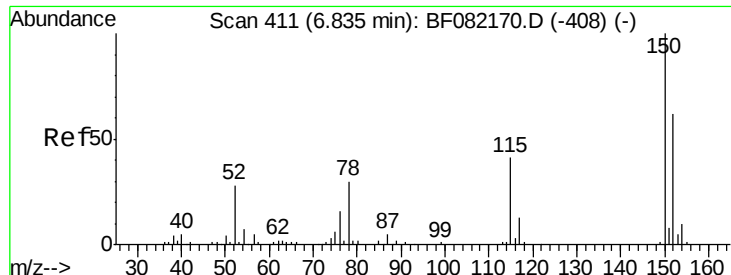
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101015\
 Data File : BF082185.D
 Acq On : 10 Oct 2015 19:39
 Operator : UM/IZ
 Sample : G3979-09MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A13COMPMSD

Quant Time: Oct 12 02:09:04 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 12 01:46:21 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	176468	44.28	nq	98
43) 2,4,5-Trichlorophenol	9.17	196	196515	45.52	nq	# 91
45) 1,1'-Biphenyl	9.30	154	673376	43.78	nq	99
46) 2-Chloronaphthalene	9.34	162	561811	46.40	nq	100
47) 2-Nitroaniline	9.44	65	163329	49.13	nq	# 66
48) Acenaphthylene	9.75	152	850082	45.07	nq	99
49) Dimethylphthalate	9.61	163	657847	46.31	nq	100
50) 2,6-Dinitrotoluene	9.68	165	151363	50.50	nq	94
51) Acenaphthene	9.92	154	512744	45.28	nq	100
52) 3-Nitroaniline	9.85	138	41690	12.31	nq	99
53) 2,4-Dinitrophenol	9.95	184	165885	97.52	nq	# 82
54) Dibenzofuran	10.09	168	728889	46.88	nq	99
55) 4-Nitrophenol	10.02	139	190637	81.05	nq	98
56) 2,4-Dinitrotoluene	10.08	165	176585	47.14	nq	# 86
57) Fluorene	10.43	166	585082	45.82	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	167431	47.47	nq	98
59) Diethylphthalate	10.31	149	617118	46.61	nq	99
60) 4-Chlorophenyl-phenylether	10.42	204	267970	45.81	nq	99
61) 4-Nitroaniline	10.47	138	126255	38.45	nq	99
62) Azobenzene	10.58	77	596841	46.06	nq	99
64) 4,6-Dinitro-2-methylphenol	10.49	198	108773	50.96	nq	83
65) n-Nitrosodiphenylamine	10.55	169	459993	40.39	nq	99
66) 4-Bromophenyl-phenylether	10.91	248	174311	45.79	nq	96
67) Hexachlorobenzene	10.98	284	199278	48.41	nq	95
68) Atrazine	11.07	200	109948	30.47	nq	98
69) Pentachlorophenol	11.18	266	221635	104.62	nq	99
70) Phenanthrene	11.39	178	843254	45.23	nq	100
71) Anthracene	11.45	178	988761	51.47	nq	99
72) Carbazole	11.60	167	724462	41.34	nq	100
73) Di-n-butylphthalate	11.93	149	1006890	46.57	nq	100
74) Fluoranthene	12.58	202	920714	45.98	nq	98
76) Benzidine	12.72	184	62798	6.54	nq	99
77) Pyrene	12.81	202	908569	46.18	nq	100
79) Butylbenzylphthalate	13.43	149	419930	46.77	nq	97
80) Benzo(a)anthracene	14.00	228	822809	47.70	nq	99
81) 3,3'-Dichlorobenzidine	13.97	252	73533	11.23	nq	99
82) Chrysene	14.04	228	787064	43.30	nq	100
83) Bis(2-ethylhexyl)phthalate	13.99	149	631587	49.30	nq	99
84) Di-n-octyl phthalate	14.61	149	1068214	48.55	nq	99
85) Indeno(1,2,3-cd)pyrene	16.86	276	670345	46.40	nq	99
87) Benzo(b)fluoranthene	15.03	252	840045	53.41	nq	99
88) Benzo(k)fluoranthene	15.03	252	840045	63.54	nq	# 97
89) Benzo(a)pyrene	15.38	252	684933	50.67	nq	98
90) Dibenzo(a,h)anthracene	16.88	278	570265	51.48	nq	# 96
91) Benzo(g,h,i)perylene	17.28	276	539415	50.13	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.99 min Scan# 425

Delta R.T. 0.16 min

Lab File: BF082185.D

Acq: 10 Oct 2015 19:39

Instrument :

BNA_F

ClientSampleId :

A13COMPMSD

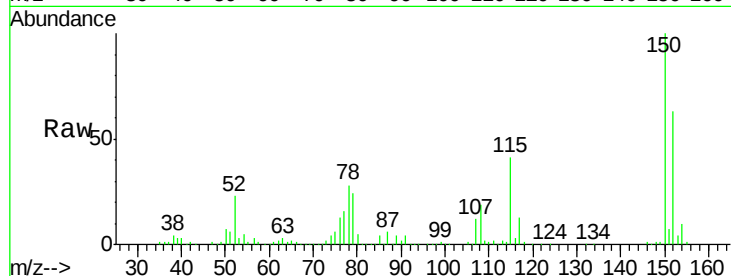
Tot Ion:152 Resp: 323153

Ion Ratio Lower Upper

152 100

150 158.2 129.0 193.4

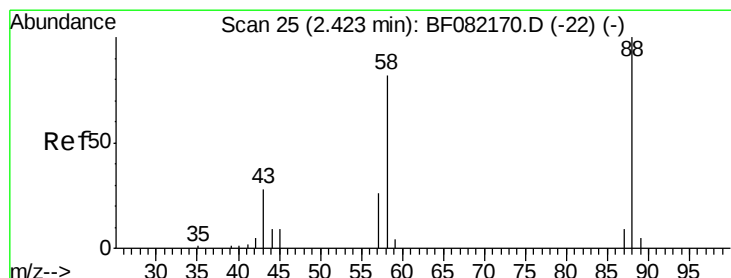
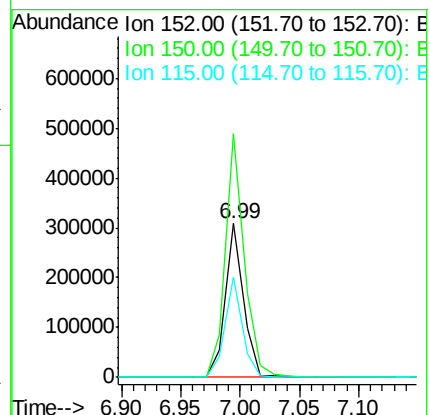
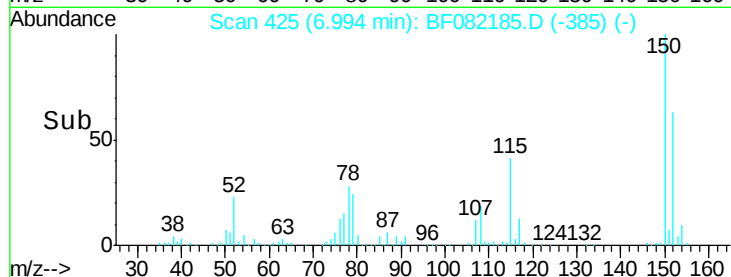
115 65.3 52.1 78.1



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: 10.64 ng

RT: 2.61 min Scan# 41

Delta R.T. 0.18 min

Lab File: BF082185.D

Acq: 10 Oct 2015 19:39

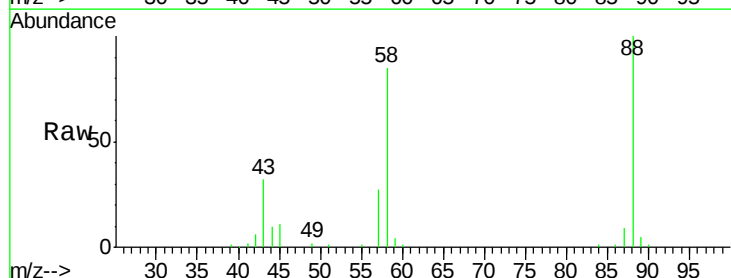
Tgt Ion: 88 Resp: 85569

Ion Ratio Lower Upper

88 100

58 84.5 66.2 99.4

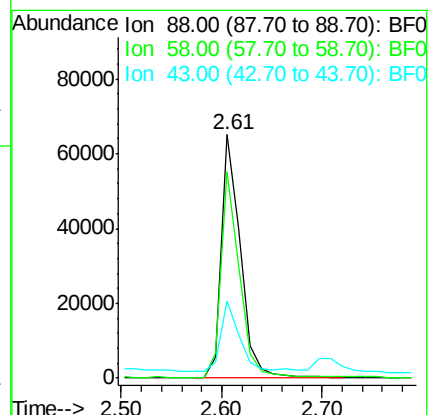
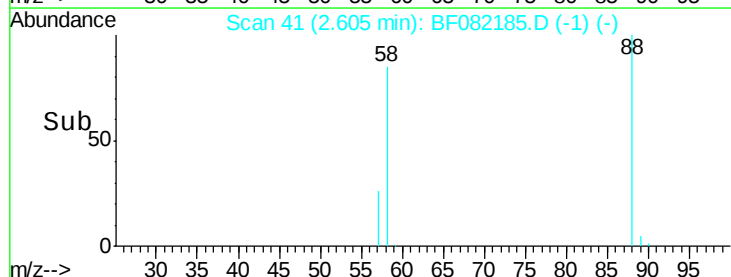
43 0.0 23.0 34.4#

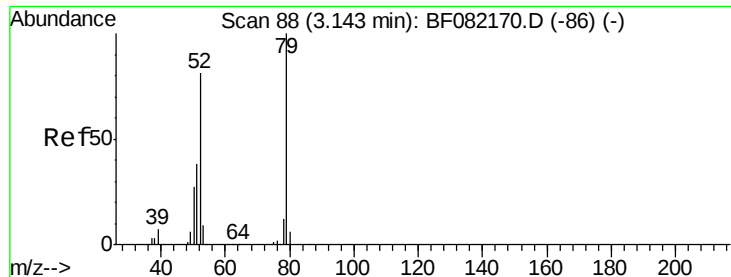


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 6.96 ng

RT: 3.30 min Scan# 102

Delta R.T. 0.16 min

Lab File: BF082185.D

Acq: 10 Oct 2015 19:39

Instrument :

BNA_F

ClientSampleId :

A13COMPMSD

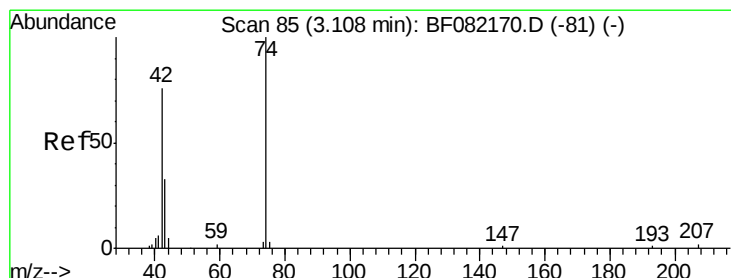
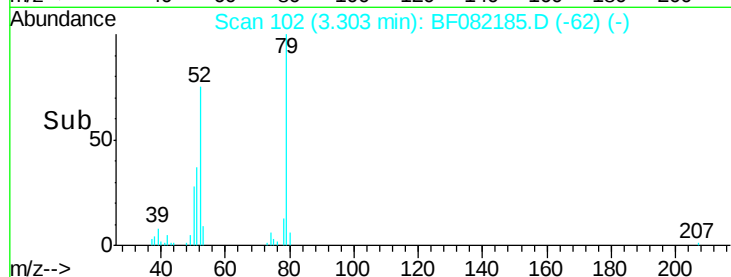
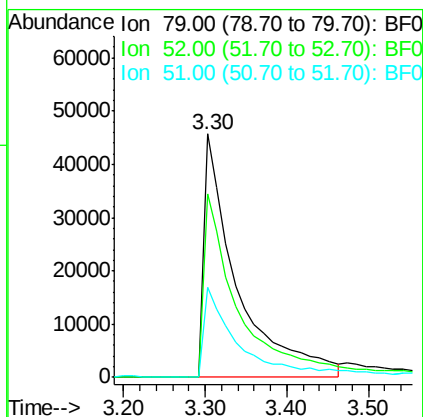
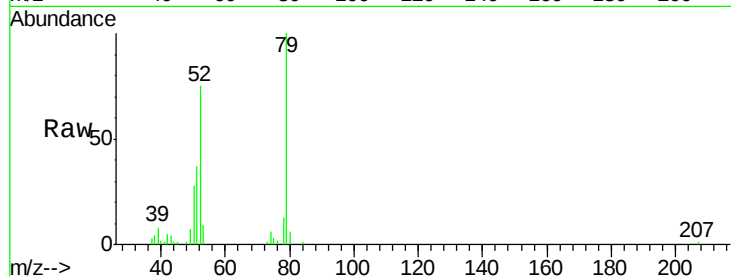
Tot Ion: 79 Resp: 130203

Ion Ratio Lower Upper

79 100

52 75.4 64.4 96.6

51 37.0 30.5 45.7



#4

n-Nitrosodimethylamine

Concen: 13.21 ng

RT: 3.23 min Scan# 96

Delta R.T. 0.13 min

Lab File: BF082185.D

Acq: 10 Oct 2015 19:39

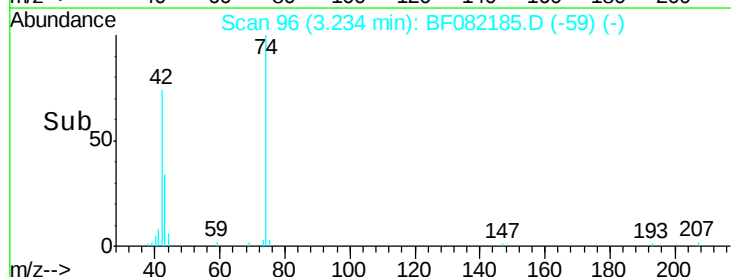
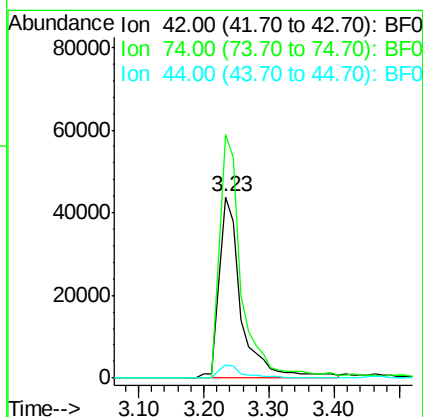
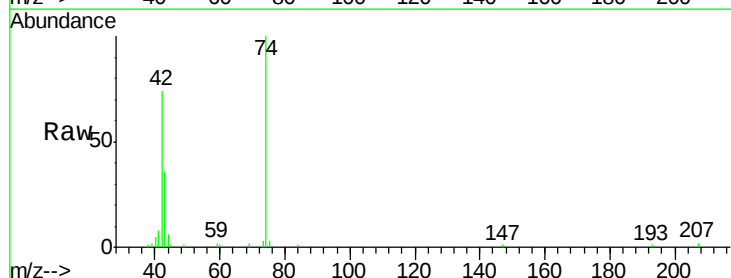
Tgt Ion: 42 Resp: 104816

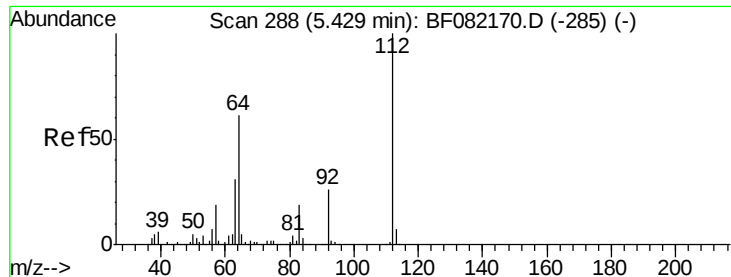
Ion Ratio Lower Upper

42 100

74 134.6 105.7 158.5

44 7.4 5.4 8.2





#5

2-Fluorophenol

Concen: 38.69 ng

RT: 5.45 min Scan# 290

Delta R.T. 0.02 min

Lab File: BF082185.D

Acq: 10 Oct 2015 19:39

Instrument :

BNA_F

ClientSampleId :

A13COMPMSD

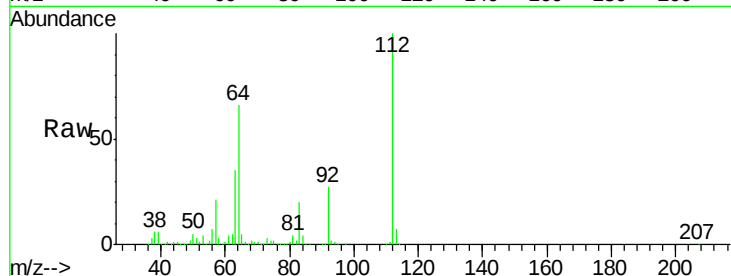
Tot Ion:112 Resp: 619455

Ion Ratio Lower Upper

112 100

64 65.5 48.6 73.0

63 34.8 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

600000

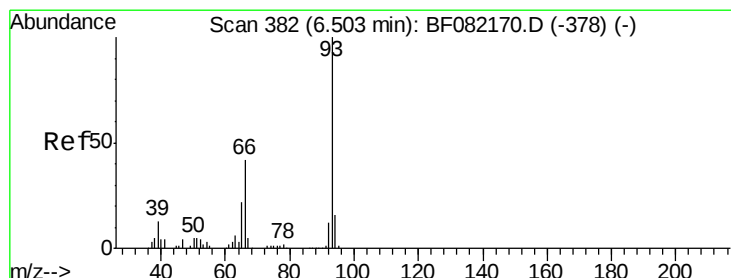
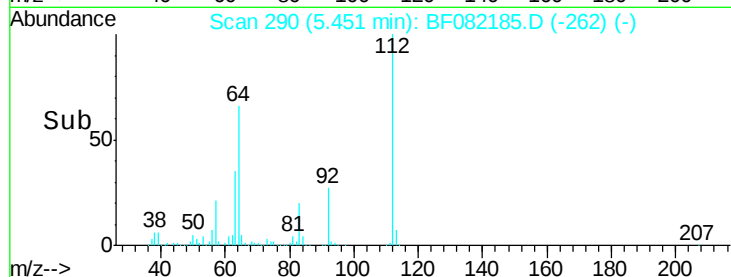
400000

200000

0

5.45

Time-->



#6

Aniline

Concen: 10.52 ng

RT: 6.58 min Scan# 389

Delta R.T. 0.08 min

Lab File: BF082185.D

Acq: 10 Oct 2015 19:39

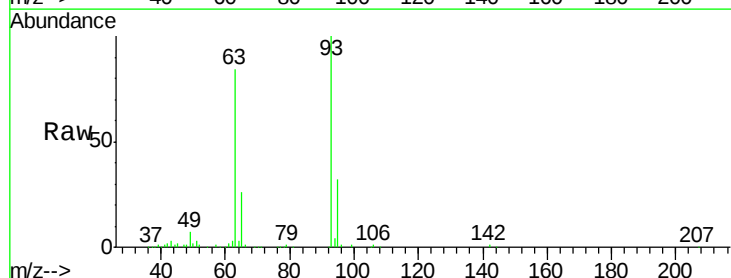
Tgt Ion: 93 Resp: 282725

Ion Ratio Lower Upper

93 100

66 1.4 34.2 51.2#

65 26.1 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

300000

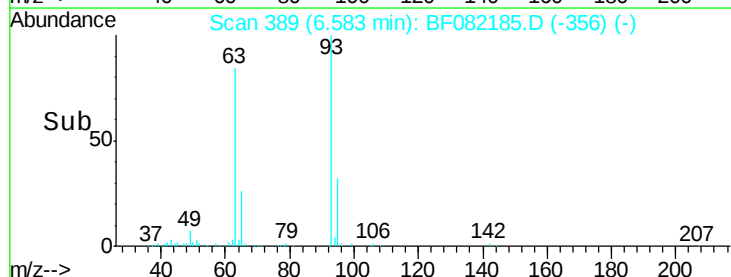
200000

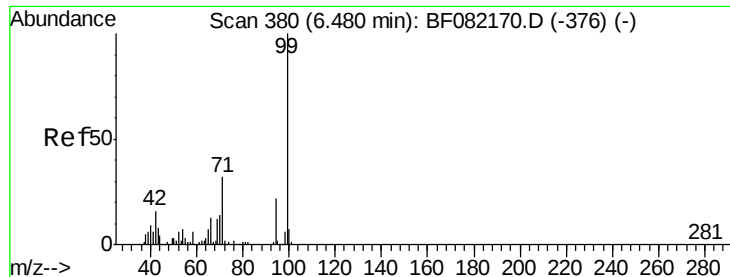
100000

0

6.58

Time-->





#7

Phenol-d6

Concen: 39.40 ng

RT: 6.48 min Scan# 380

Delta R.T. -0.00 min

Lab File: BF082185.D

Acq: 10 Oct 2015 19:39

Instrument :

BNA_F

ClientSampleId :

A13COMPMSD

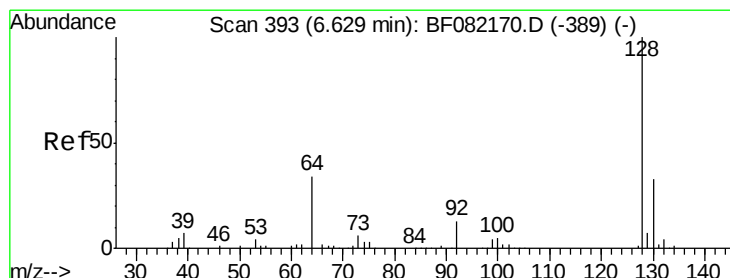
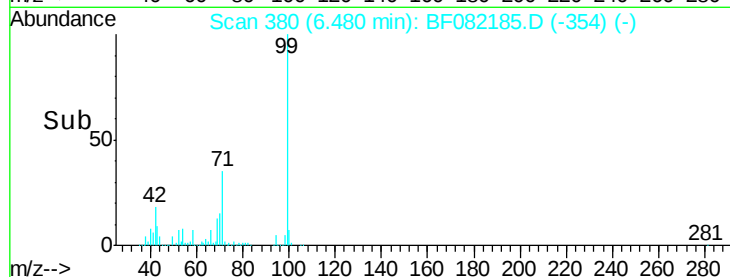
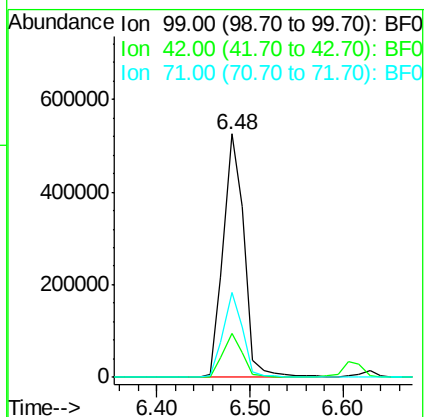
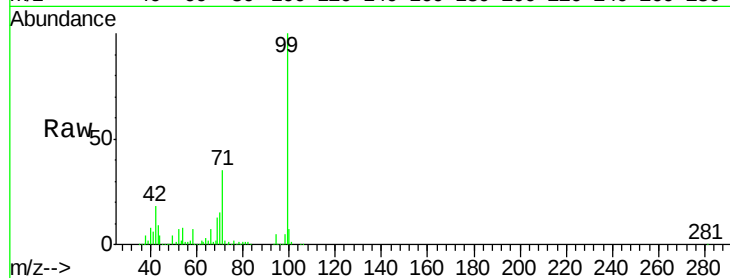
Tot Ion: 99 Resp: 821012

Ion Ratio Lower Upper

99 100

42 18.2 13.2 19.8

71 35.0 25.6 38.4



#8

2-Chlorophenol

Concen: 13.84 ng

RT: 6.63 min Scan# 393

Delta R.T. -0.00 min

Lab File: BF082185.D

Acq: 10 Oct 2015 19:39

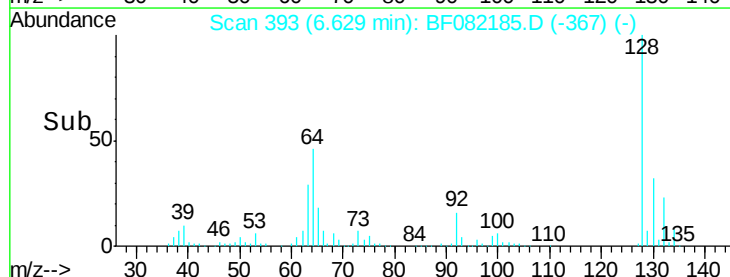
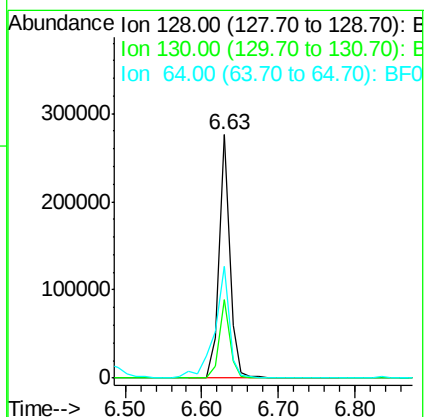
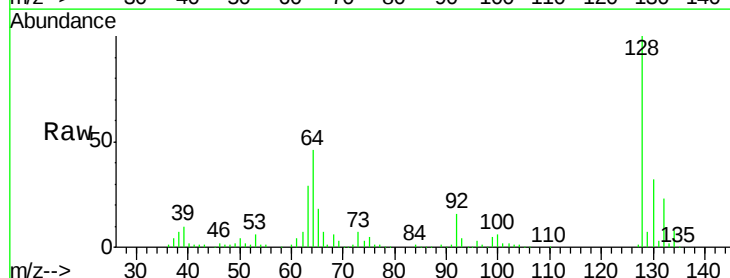
Tgt Ion: 128 Resp: 270585

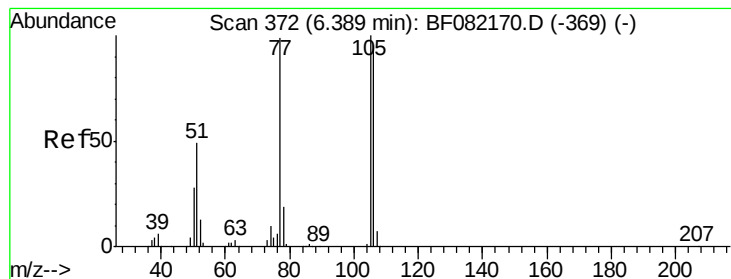
Ion Ratio Lower Upper

128 100

130 32.4 12.6 52.6

64 46.0 16.7 56.7





#9

Benzaldehyde

Concen: 7.62 ng

RT: 6.39 min Scan# 372

Delta R.T. -0.00 min

Lab File: BF082185.D

Acq: 10 Oct 2015 19:39

Instrument :

BNA_F

ClientSampleId :

A13COMPMSD

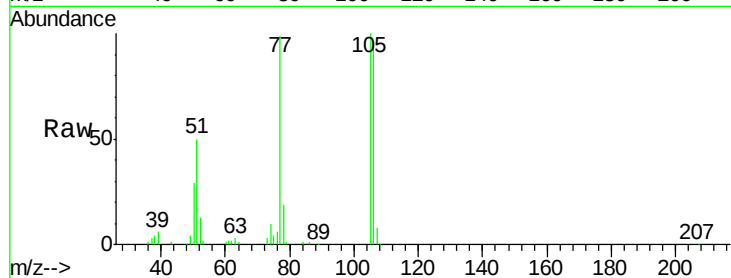
Tot Ion: 77 Resp: 81119

Ion Ratio Lower Upper

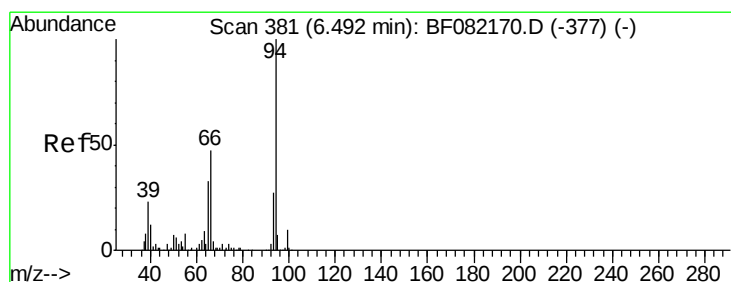
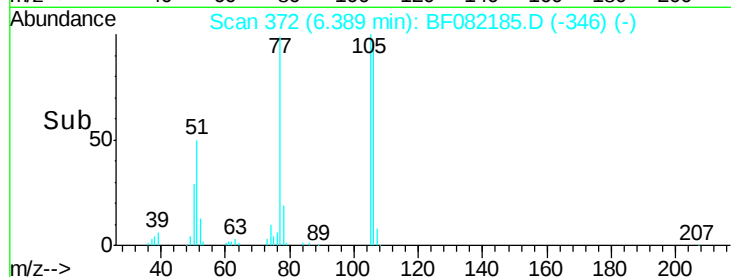
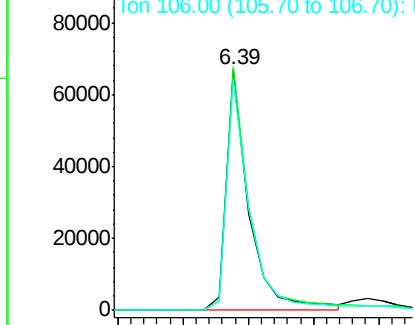
77 100

105 101.1 80.6 120.6

106 95.6 75.5 115.5



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 10.85 ng

RT: 6.49 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF082185.D

Acq: 10 Oct 2015 19:39

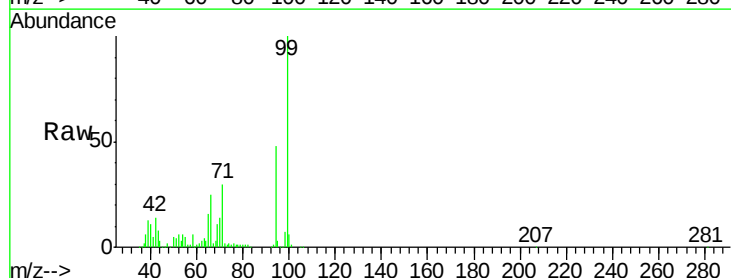
Tgt Ion: 94 Resp: 260651

Ion Ratio Lower Upper

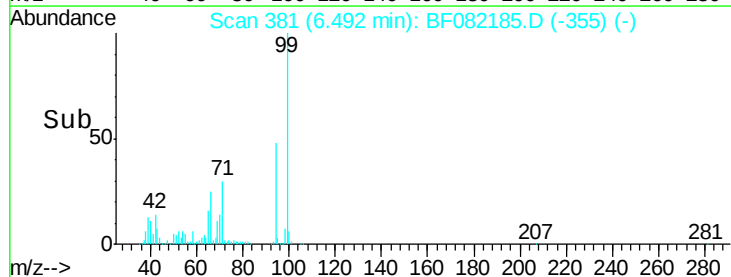
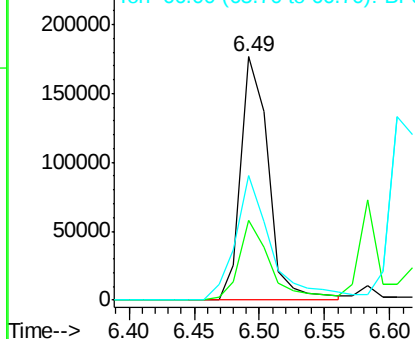
94 100

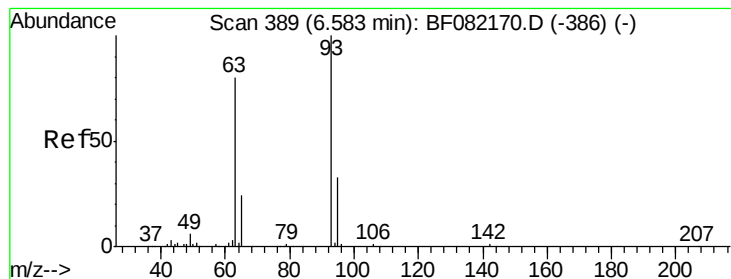
65 32.9 12.6 52.6

66 51.4 27.3 67.3



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 13.92 ng

RT: 6.58 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF082185.D

Acq: 10 Oct 2015 19:39

Instrument :

BNA_F

ClientSampleId :

A13COMPMSD

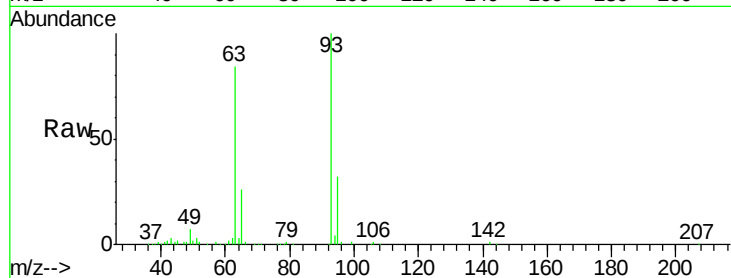
Tot Ion: 93 Resp: 282841

Ion Ratio Lower Upper

93 100

63 83.6 57.1 97.1

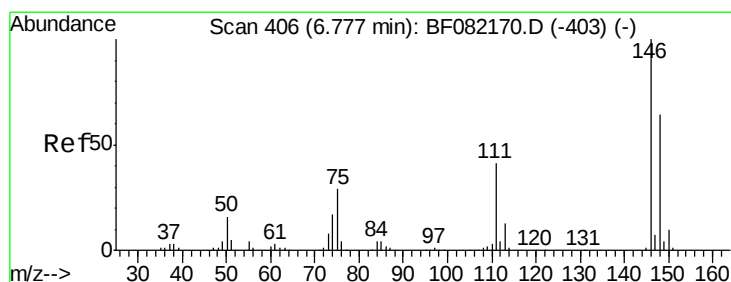
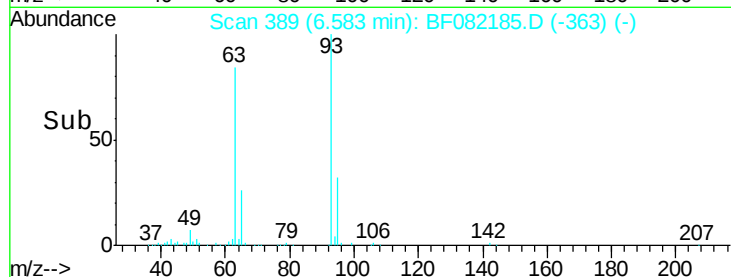
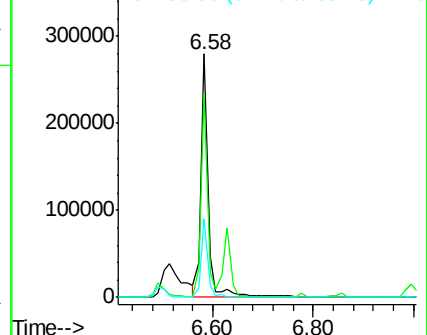
95 32.2 11.9 51.9



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 13.26 ng

RT: 6.86 min Scan# 413

Delta R.T. 0.08 min

Lab File: BF082185.D

Acq: 10 Oct 2015 19:39

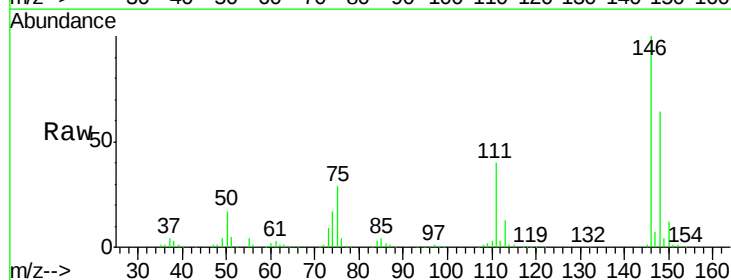
Tgt Ion: 146 Resp: 301842

Ion Ratio Lower Upper

146 100

148 63.5 51.4 77.2

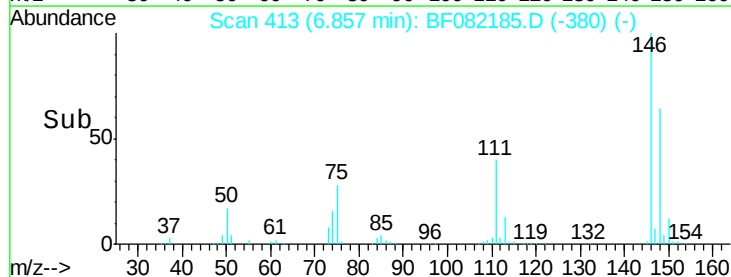
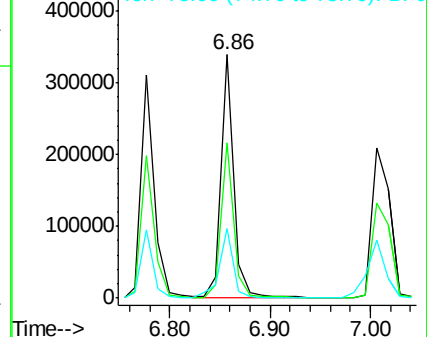
75 28.7 23.0 34.6

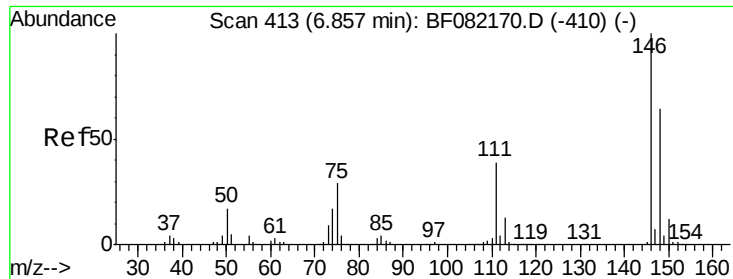


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

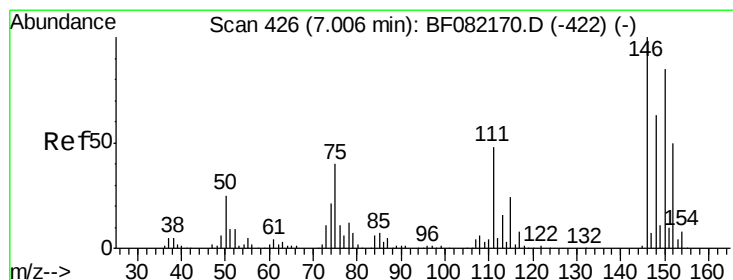
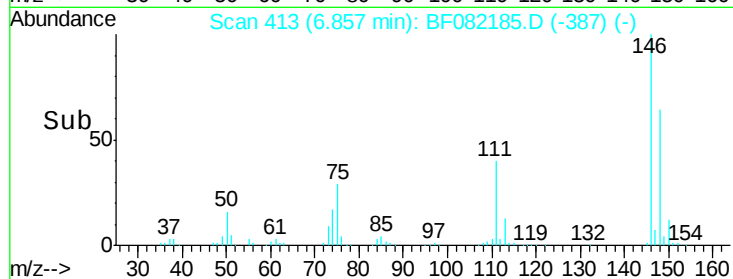
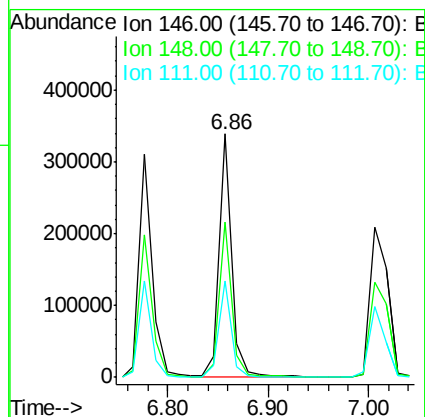
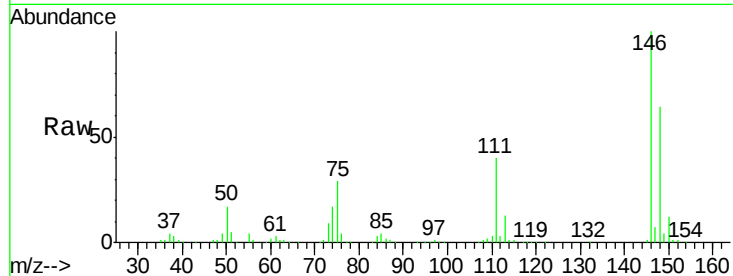




#13
 1,4-Dichlorobenzene
 Concen: 12.70 ng
 RT: 6.86 min Scan# 413
 Delta R.T. -0.00 min
 Lab File: BF082185.D
 Acq: 10 Oct 2015 19:39

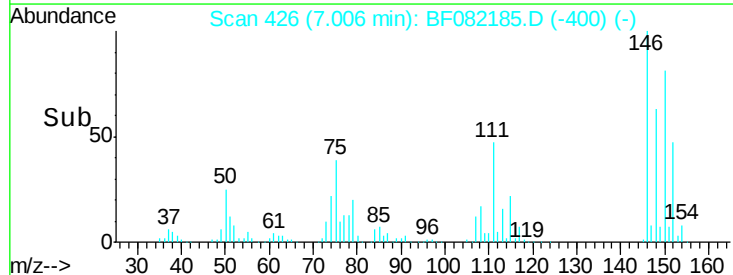
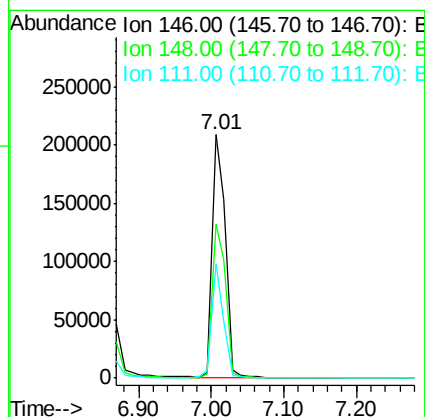
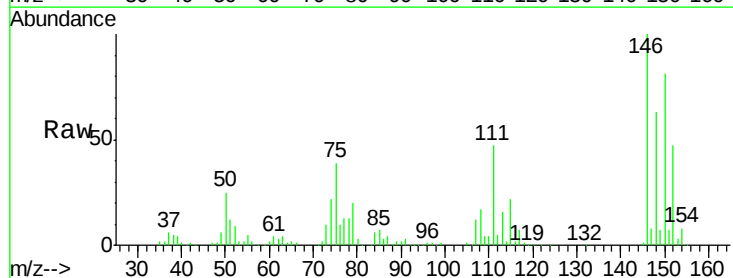
Instrument :
 BNA_F
 ClientSampleId :
 A13COMPMSD

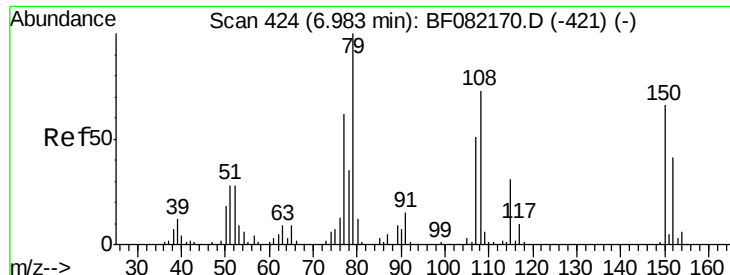
Tot Ion:146 Resp: 301842
 Ion Ratio Lower Upper
 146 100
 148 63.5 51.0 76.4
 111 39.5 31.1 46.7



#14
 1,2-Dichlorobenzene
 Concen: 11.66 ng
 RT: 7.01 min Scan# 426
 Delta R.T. -0.00 min
 Lab File: BF082185.D
 Acq: 10 Oct 2015 19:39

Tgt Ion:146 Resp: 263317
 Ion Ratio Lower Upper
 146 100
 148 63.4 50.5 75.7
 111 46.8 38.5 57.7

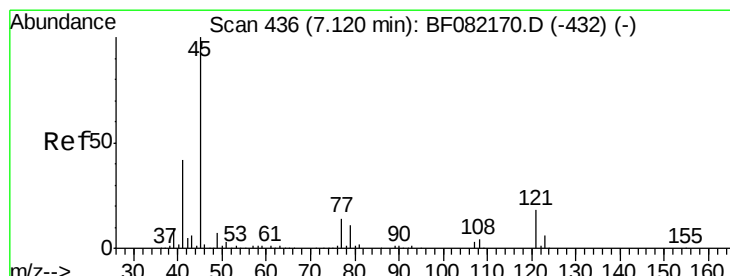
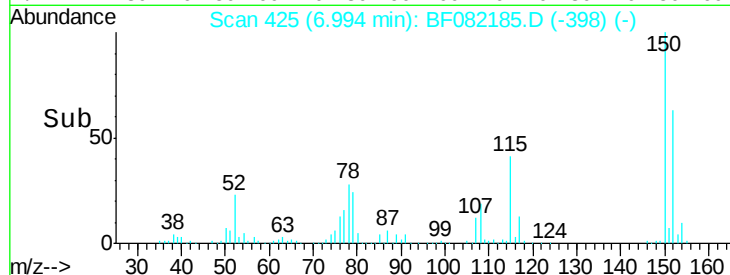
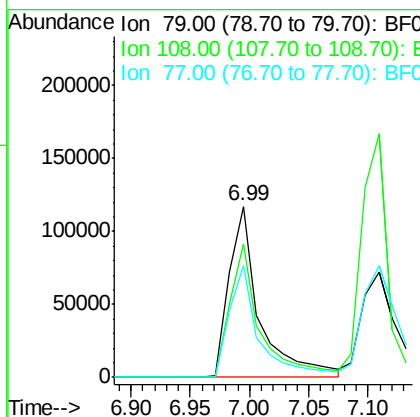
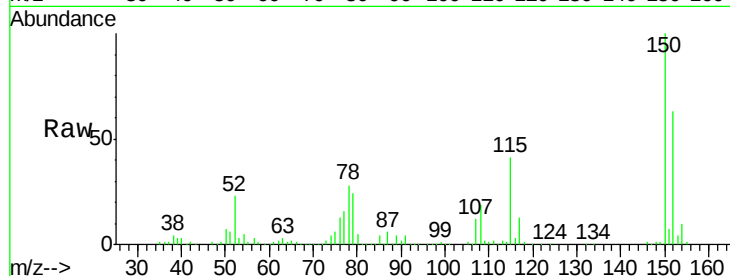




#15
Benzyl Alcohol
Concen: 14.48 ng
RT: 6.99 min Scan# 425
Delta R.T. 0.01 min
Lab File: BF082185.D
Acq: 10 Oct 2015 19:39

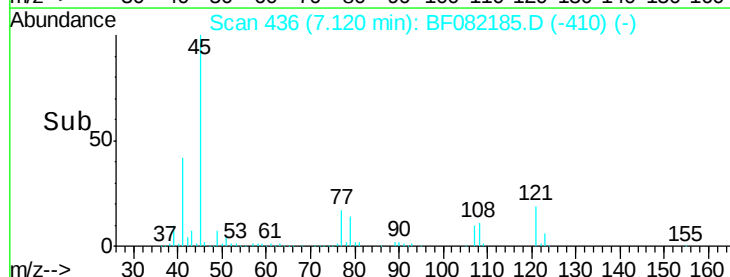
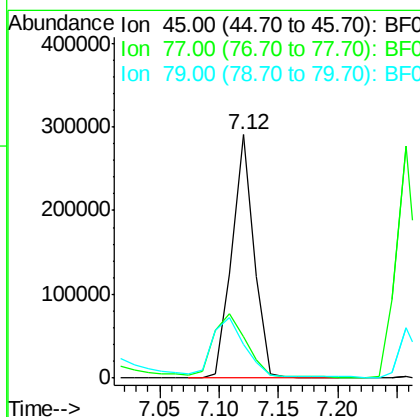
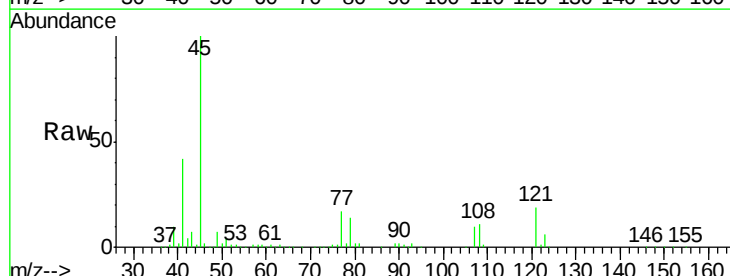
Instrument :
BNA_F
ClientSampleId :
A13COMPMSD

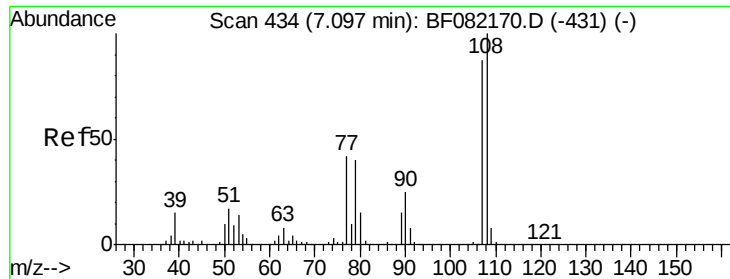
Tot Ion	Ratio	Lower	Upper
79	100		
108	77.7	58.4	87.6
77	64.9	49.8	74.6



#16
2,2'-oxybis(1-chloropropane)
Concen: 13.30 ng
RT: 7.12 min Scan# 436
Delta R.T. -0.00 min
Lab File: BF082185.D
Acq: 10 Oct 2015 19:39

Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.1	0.0	34.5
79	14.1	0.0	31.6





#17

2-Methylphenol

Concen: 13.99 ng

RT: 7.11 min Scan# 435

Delta R.T. 0.01 min

Lab File: BF082185.D

Acq: 10 Oct 2015 19:39

Instrument :

BNA_F

ClientSampleId :

A13COMPMSD

Tot Ion:107 Resp: 216271

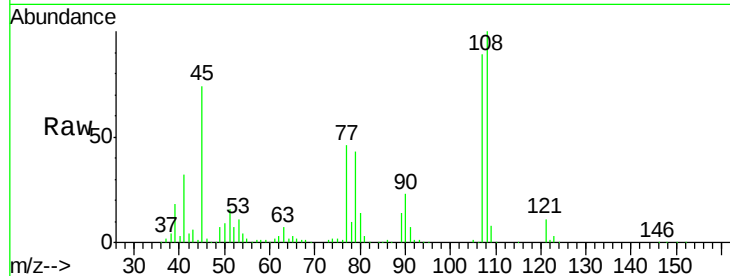
Ion Ratio Lower Upper

107 100

108 112.3 92.2 138.2

77 51.8 39.6 59.4

79 48.6 38.2 57.4

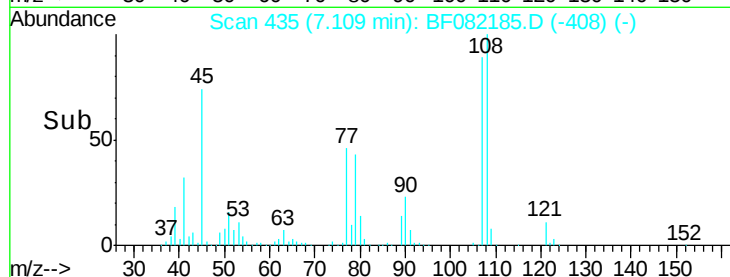


Abundance Ion 107.00 (106.70 to 107.70): E

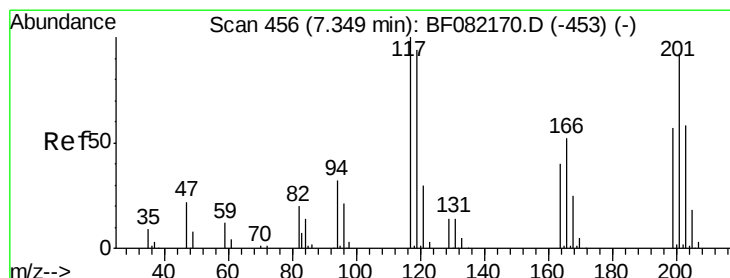
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Time-->



#18

Hexachloroethane

Concen: 12.53 ng

RT: 7.35 min Scan# 456

Delta R.T. -0.00 min

Lab File: BF082185.D

Acq: 10 Oct 2015 19:39

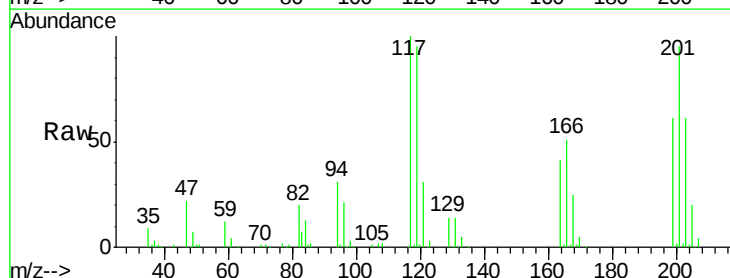
Tgt Ion:117 Resp: 101948

Ion Ratio Lower Upper

117 100

119 94.9 75.4 113.2

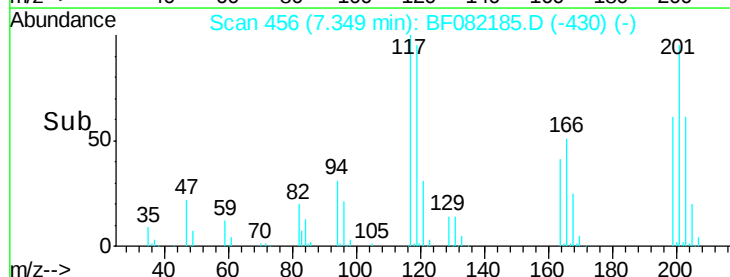
201 94.6 73.4 110.0



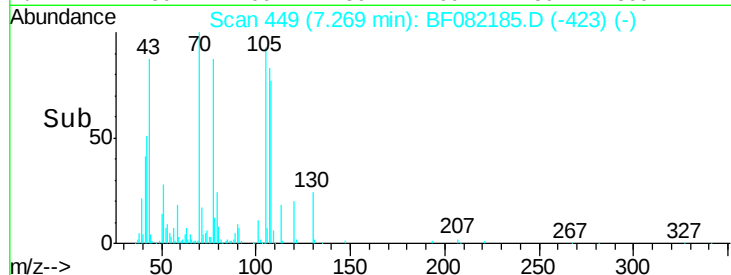
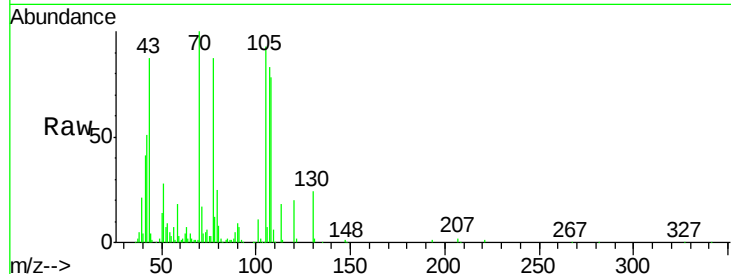
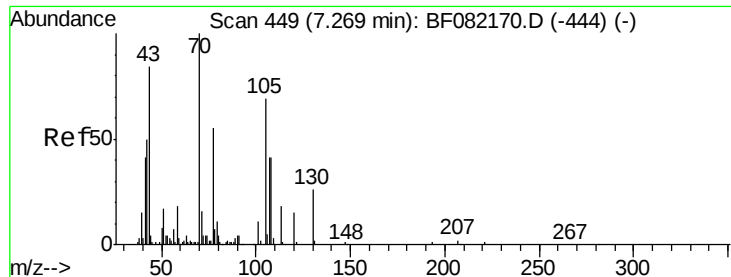
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



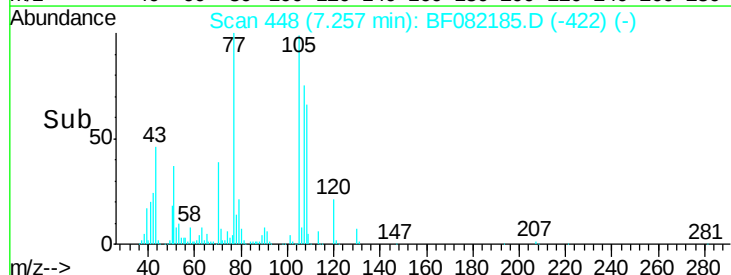
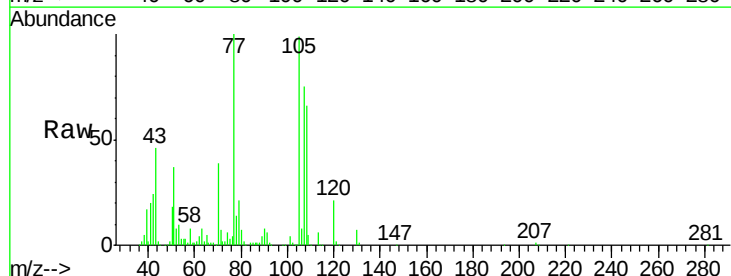
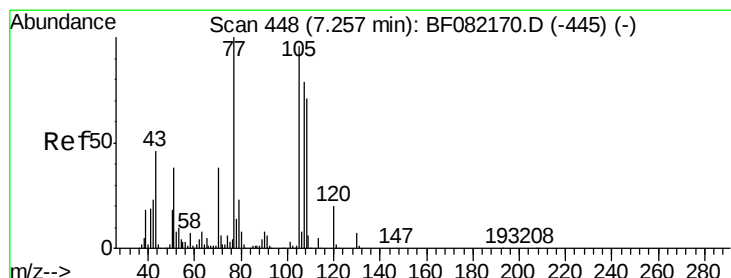
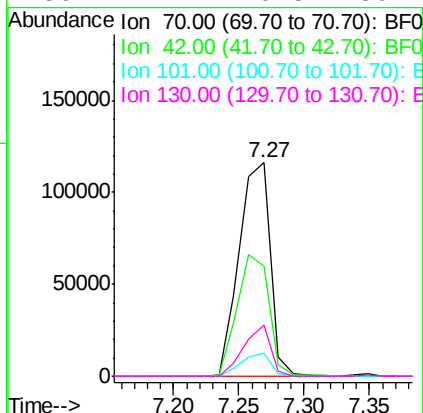
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 13.22 ng
RT: 7.27 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF082185.D
Acq: 10 Oct 2015 19:39

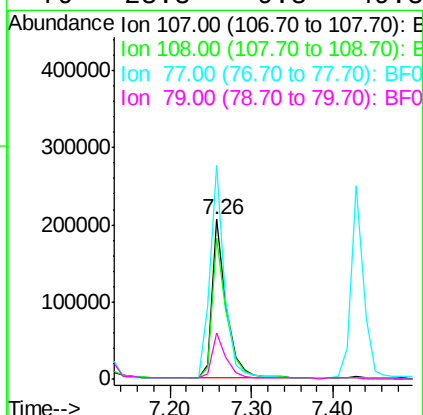
Instrument :
BNA_F
ClientSampleId :
A13COMPMSD

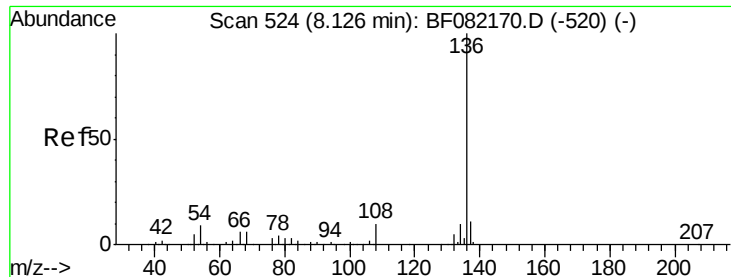
Tot Ion: 70 Resp: 193444
Ion Ratio Lower Upper
70 100
42 51.4 39.8 59.8
101 10.8 8.6 13.0
130 24.2 20.5 30.7



#20
3+4-Methylphenols
Concen: 13.78 ng
RT: 7.26 min Scan# 448
Delta R.T. -0.00 min
Lab File: BF082185.D
Acq: 10 Oct 2015 19:39

Tgt Ion: 107 Resp: 253854
Ion Ratio Lower Upper
107 100
108 88.3 69.9 109.9
77 133.9 106.0 146.0
79 28.8 9.8 49.8





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 524

Delta R.T. -0.00 min

Lab File: BF082185.D

Acq: 10 Oct 2015 19:39

Instrument :

BNA_F

ClientSampleId :

A13COMPMSD

Tot Ion:136 Resp: 388090

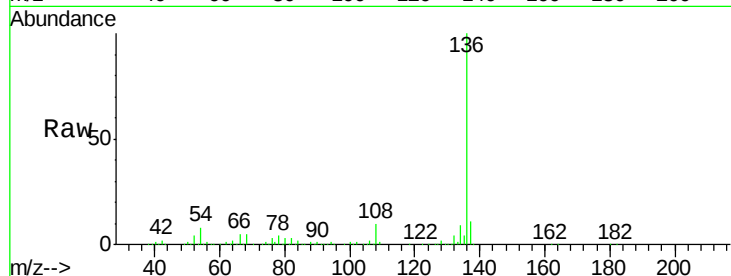
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.6

54 8.2 7.5 11.3

68 5.2 4.6 7.0

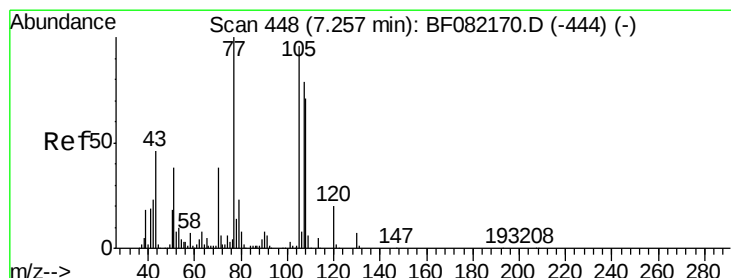
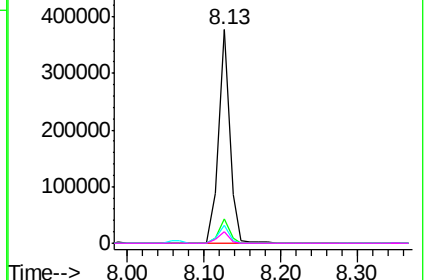
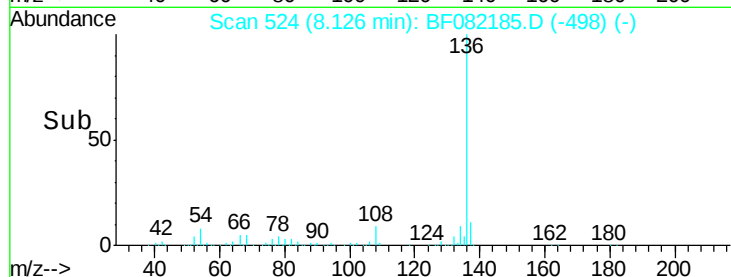


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 47.48 ng

RT: 7.26 min Scan# 448

Delta R.T. -0.00 min

Lab File: BF082185.D

Acq: 10 Oct 2015 19:39

Tgt Ion:105 Resp: 364468

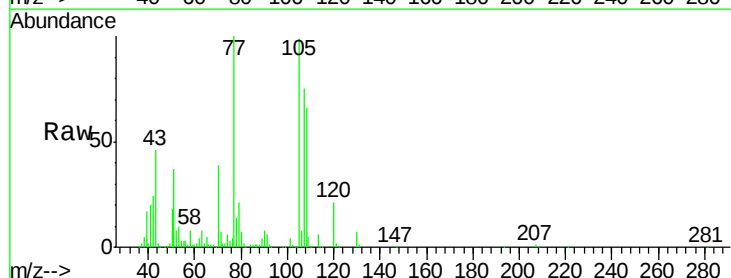
Ion Ratio Lower Upper

105 100

71 6.7 5.4 8.0

51 37.7 31.8 47.6

120 20.8 16.3 24.5

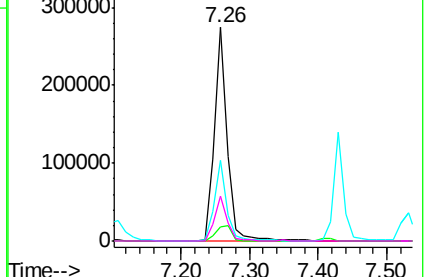
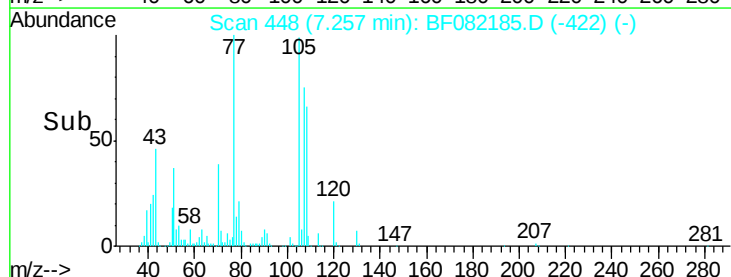


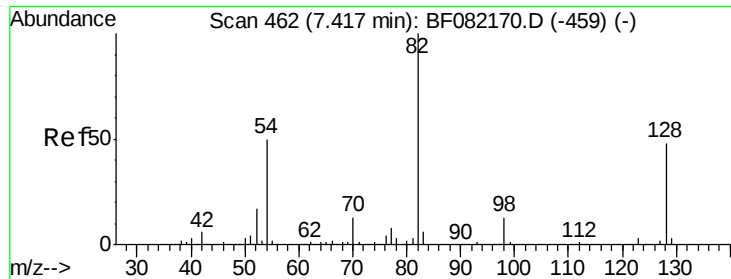
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

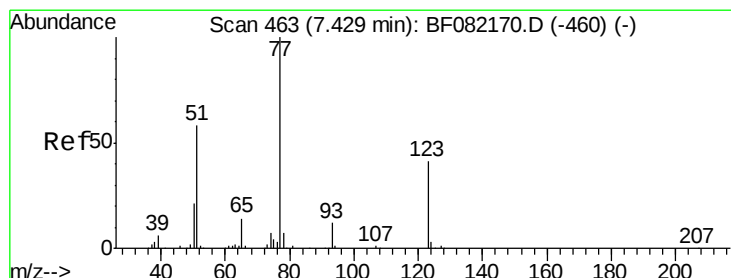
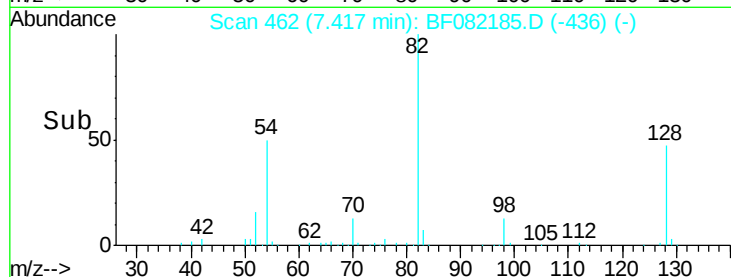
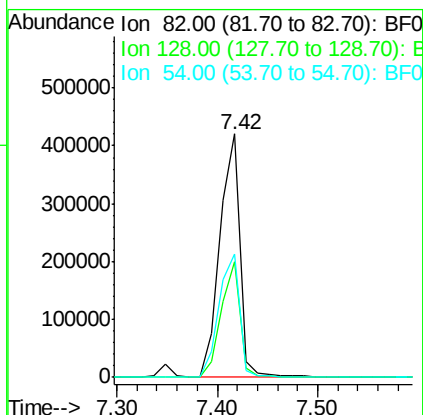
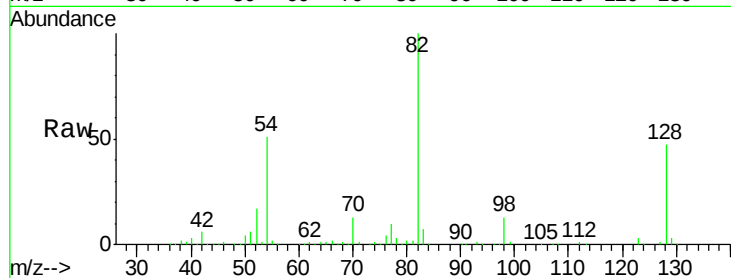




#23
 Nitrobenzene-d5
 Concen: 101.53 ng
 RT: 7.42 min Scan# 462
 Delta R.T. -0.00 min
 Lab File: BF082185.D
 Acq: 10 Oct 2015 19:39

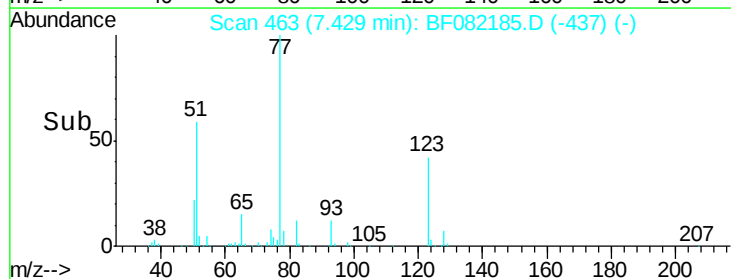
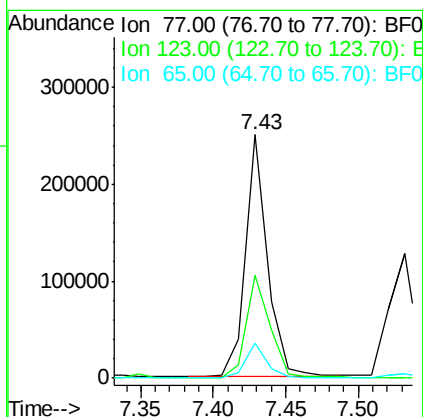
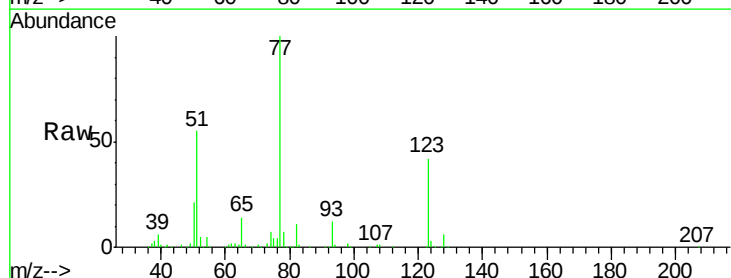
Instrument :
 BNA_F
 ClientSampleId :
 A13COMPMSD

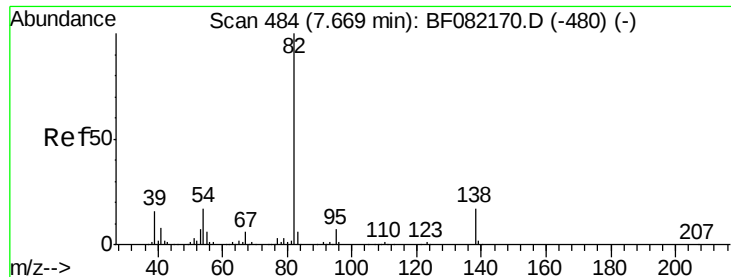
Tot Ion	82	Resp	586737
Ion Ratio	Lower	Upper	
82	100		
128	47.3	38.7	58.1
54	50.7	40.1	60.1



#24
 Nitrobenzene
 Concen: 41.85 ng
 RT: 7.43 min Scan# 463
 Delta R.T. -0.00 min
 Lab File: BF082185.D
 Acq: 10 Oct 2015 19:39

Tgt Ion	77	Resp	261765
Ion Ratio	Lower	Upper	
77	100		
123	42.5	33.0	49.4
65	14.2	11.2	16.8





#25

Isophorone

Concen: 45.86 ng

RT: 7.67 min Scan# 484

Delta R.T. -0.00 min

Lab File: BF082185.D

Acq: 10 Oct 2015 19:39

Instrument :

BNA_F

ClientSampleId :

A13COMPMSD

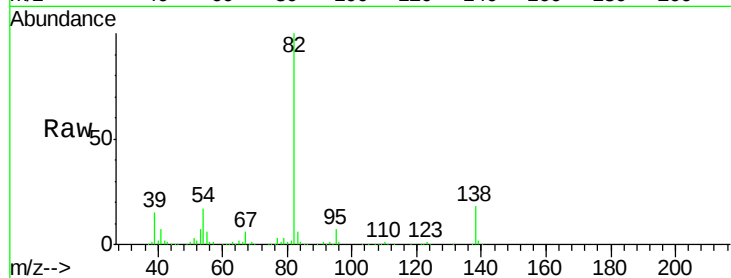
Tot Ion: 82 Resp: 534953

Ion Ratio Lower Upper

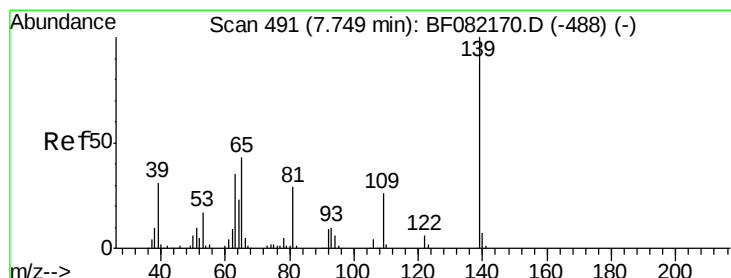
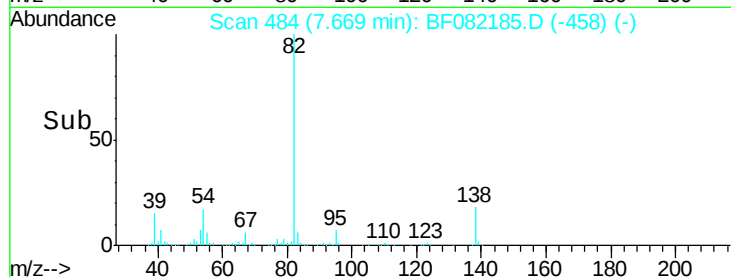
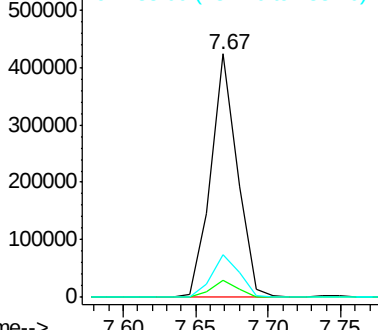
82 100

95 7.1 5.6 8.4

138 17.7 13.6 20.4



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 50.79 ng

RT: 7.75 min Scan# 491

Delta R.T. -0.00 min

Lab File: BF082185.D

Acq: 10 Oct 2015 19:39

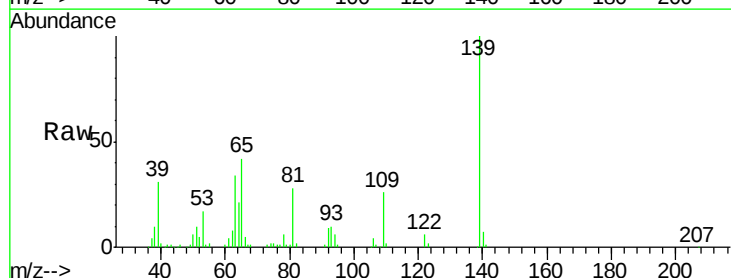
Tgt Ion: 139 Resp: 158631

Ion Ratio Lower Upper

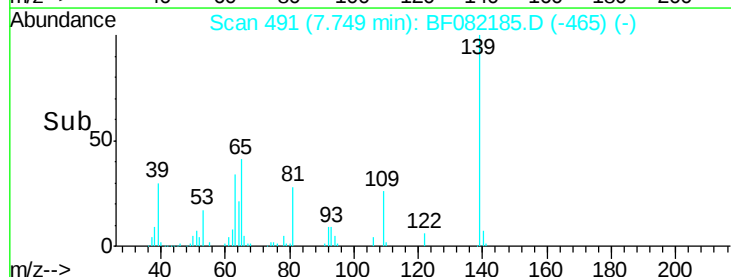
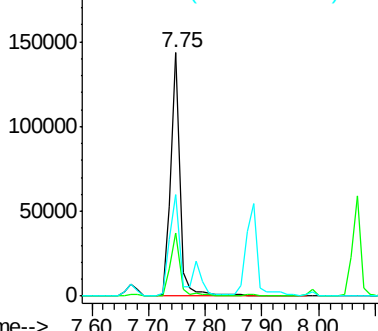
139 100

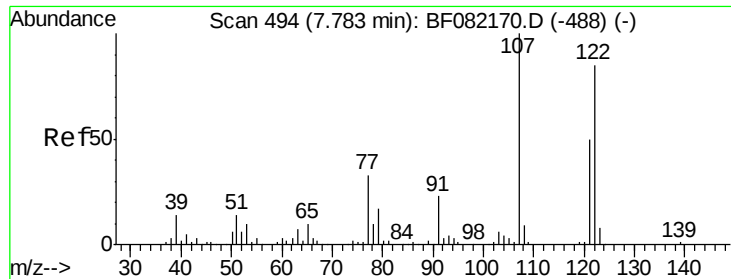
109 25.8 20.6 31.0

65 41.8 34.3 51.5



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





#27

2,4-Dimethylphenol

Concen: 47.49 ng

RT: 7.78 min Scan# 494

Delta R.T. -0.00 min

Lab File: BF082185.D

Acq: 10 Oct 2015 19:39

Instrument :

BNA_F

ClientSampleId :

A13COMPMSD

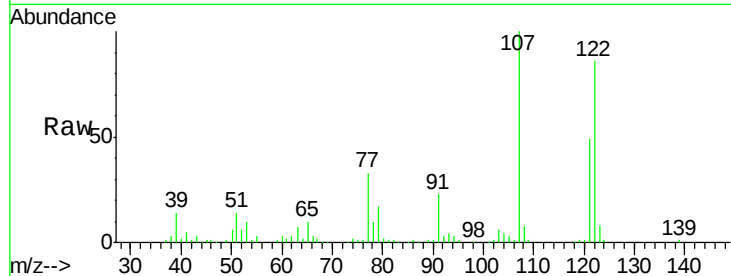
Tot Ion:122 Resp: 238970

Ion Ratio Lower Upper

122 100

107 116.5 94.0 141.0

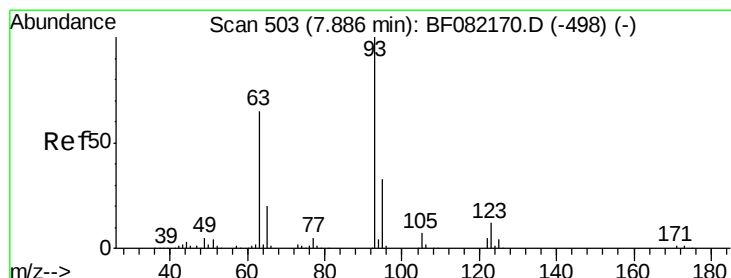
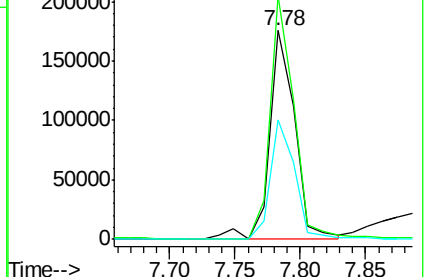
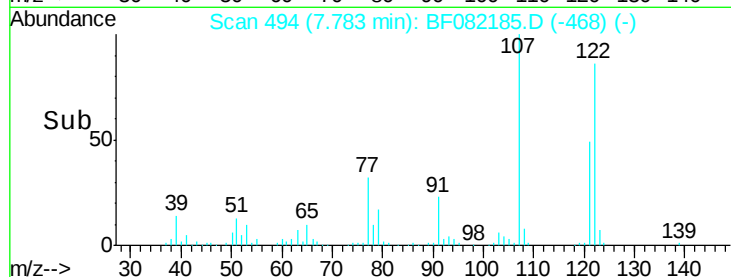
121 57.3 46.8 70.2



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: 50.27 ng

RT: 7.89 min Scan# 503

Delta R.T. -0.00 min

Lab File: BF082185.D

Acq: 10 Oct 2015 19:39

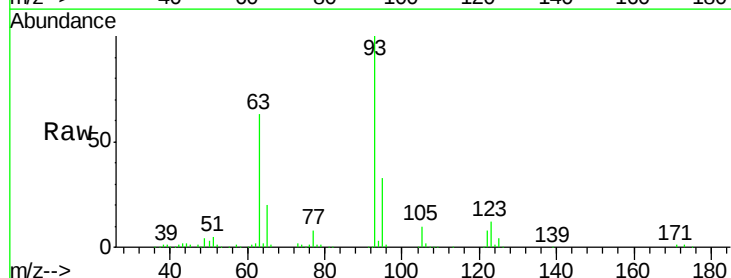
Tgt Ion: 93 Resp: 341179

Ion Ratio Lower Upper

93 100

95 33.4 26.6 39.8

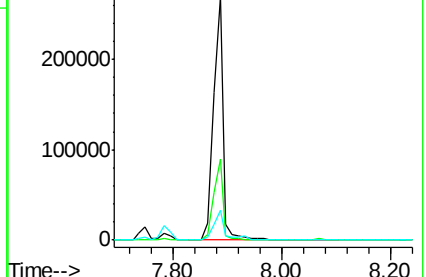
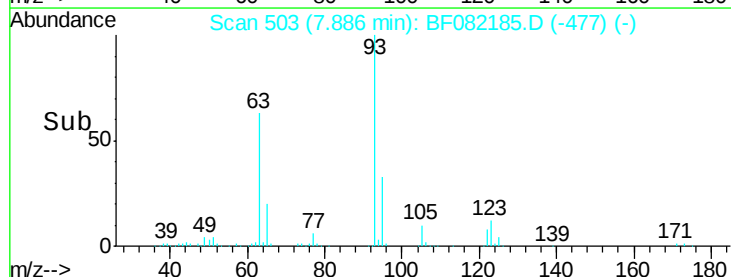
123 12.2 9.5 14.3

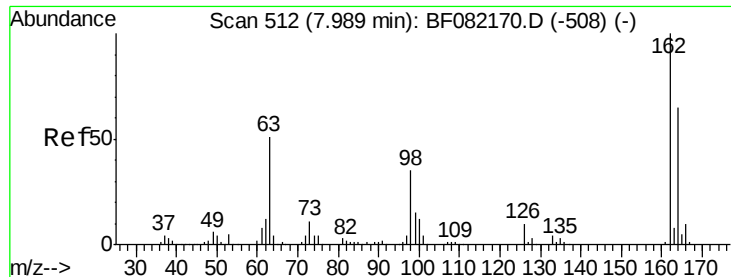


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

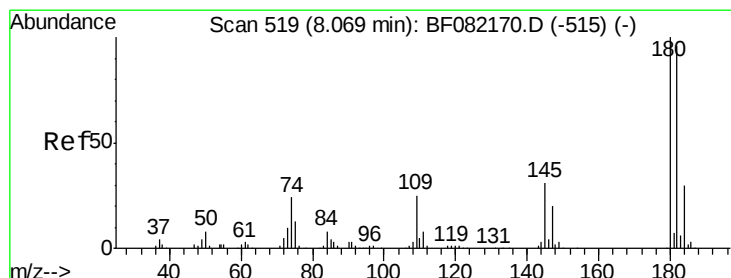
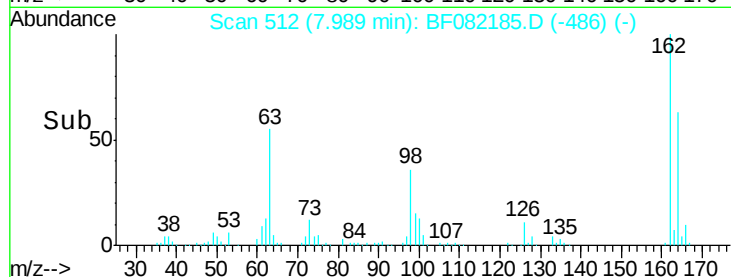
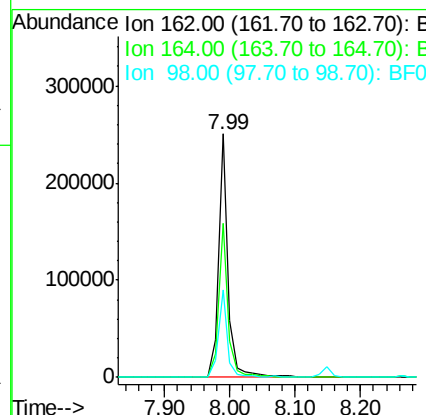
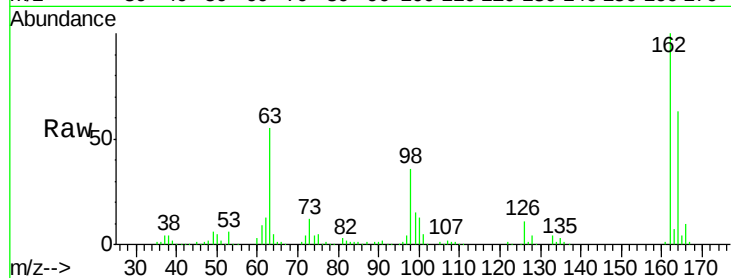




#29
2,4-Dichlorophenol
Concen: 51.86 ng
RT: 7.99 min Scan# 512
Delta R.T. -0.00 min
Lab File: BF082185.D
Acq: 10 Oct 2015 19:39

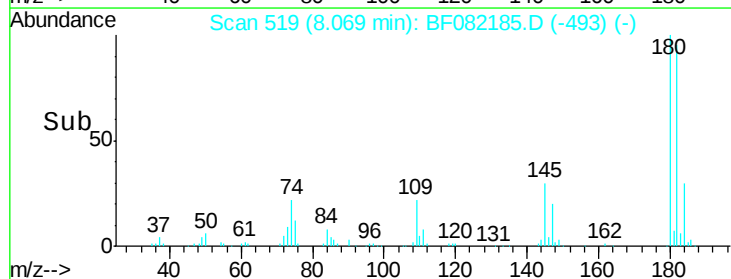
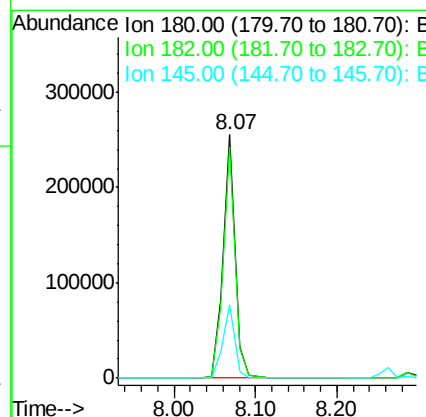
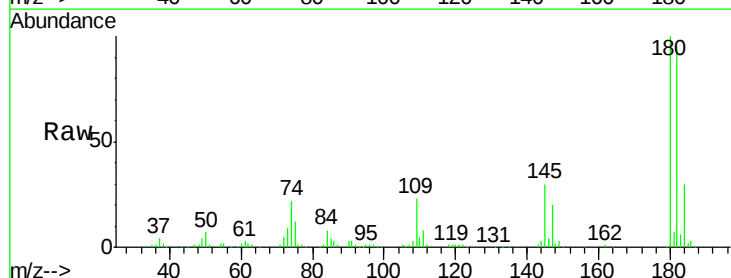
Instrument :
BNA_F
ClientSampleId :
A13COMPMSD

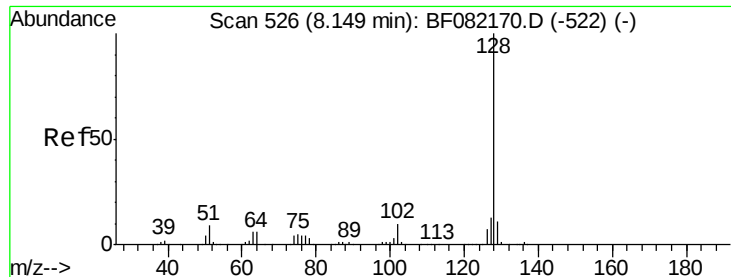
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.1	44.6	84.6
98	36.1	15.0	55.0



#30
1,2,4-Trichlorobenzene
Concen: 44.89 ng
RT: 8.07 min Scan# 519
Delta R.T. -0.00 min
Lab File: BF082185.D
Acq: 10 Oct 2015 19:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	77.0	115.4
145	30.3	25.0	37.4

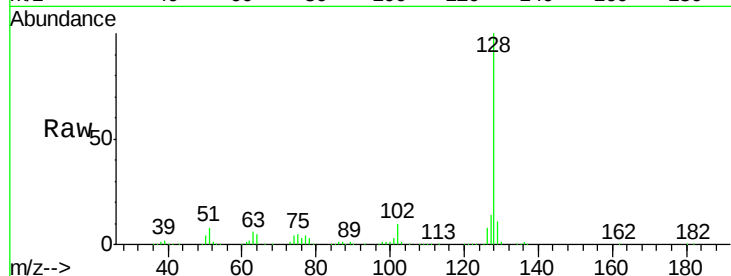




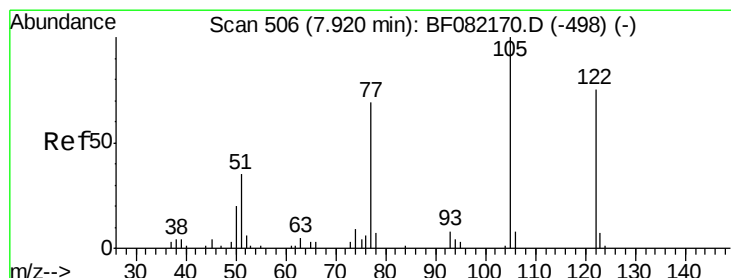
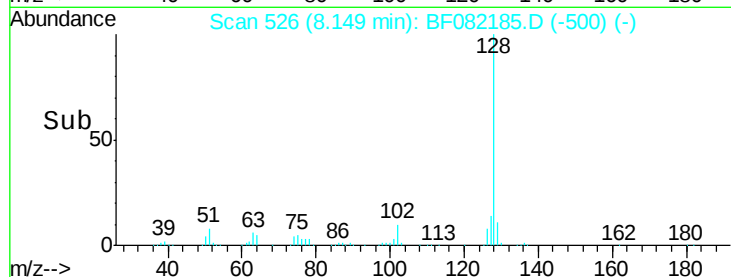
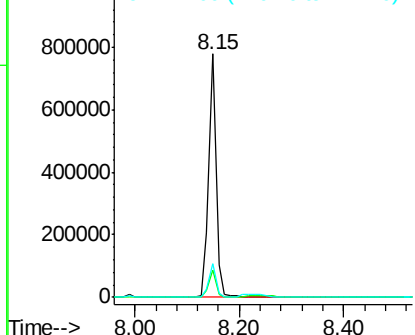
#31
Naphthalene
Concen: 46.16 ng
RT: 8.15 min Scan# 526
Delta R.T. -0.00 min
Lab File: BF082185.D
Acq: 10 Oct 2015 19:39

Instrument :
BNA_F
ClientSampleId :
A13COMPMSD

Tot Ion:128 Resp: 776510
Ion Ratio Lower Upper
128 100
129 11.4 9.1 13.7
127 13.8 10.7 16.1

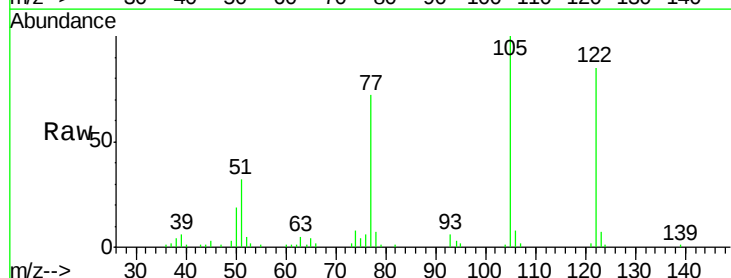


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

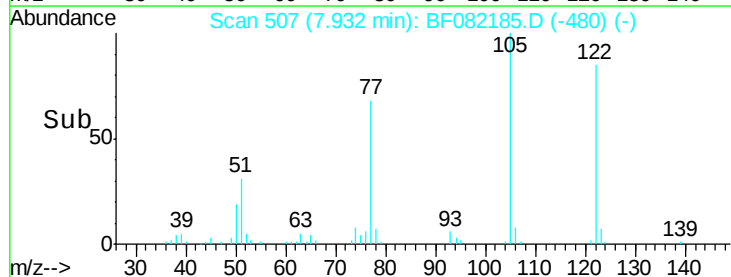
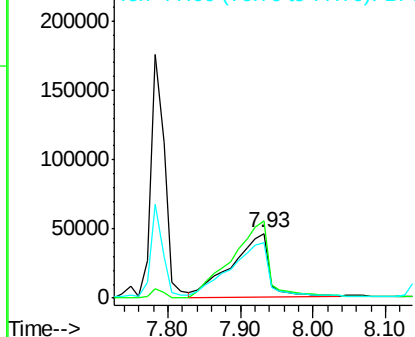


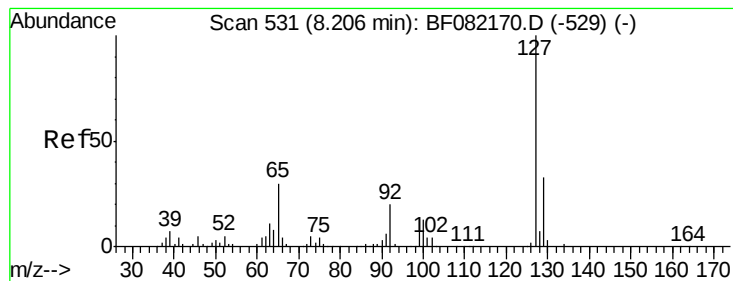
#32
Benzoic acid
Concen: 48.60 ng
RT: 7.93 min Scan# 507
Delta R.T. 0.01 min
Lab File: BF082185.D
Acq: 10 Oct 2015 19:39

Tgt Ion:122 Resp: 164155
Ion Ratio Lower Upper
122 100
105 117.8 104.4 144.4
77 84.9 69.0 109.0



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 5.67 ng

RT: 8.22 min Scan# 532

Delta R.T. 0.01 min

Lab File: BF082185.D

Acq: 10 Oct 2015 19:39

Instrument :

BNA_F

ClientSampleId :

A13COMPMSD

Tot Ion:127 Resp: 39615

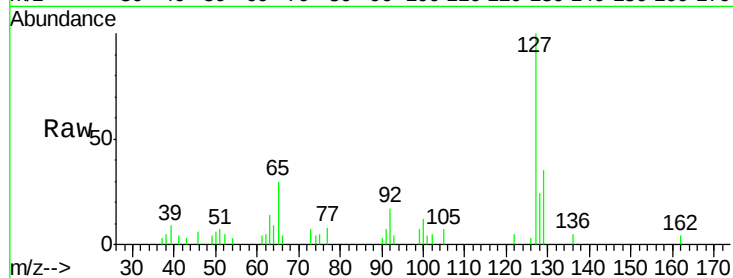
Ion Ratio Lower Upper

127 100

129 34.7 26.3 39.5

65 30.5 24.4 36.6

92 17.0 15.7 23.5

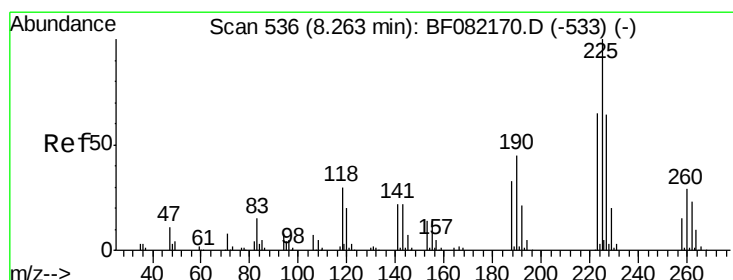
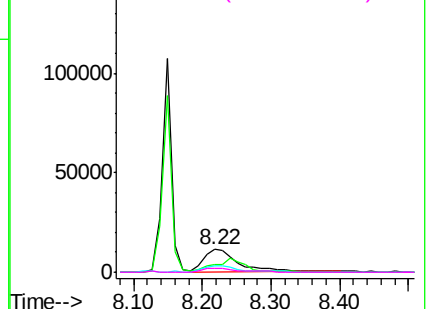
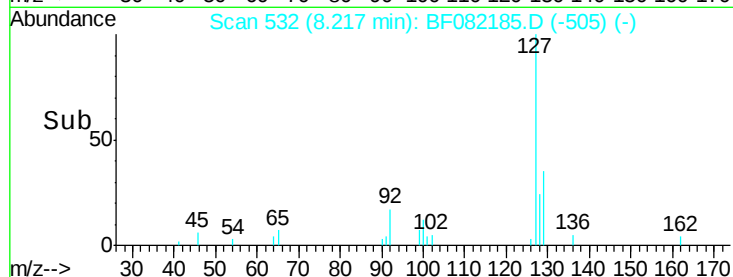


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 45.35 ng

RT: 8.26 min Scan# 536

Delta R.T. -0.00 min

Lab File: BF082185.D

Acq: 10 Oct 2015 19:39

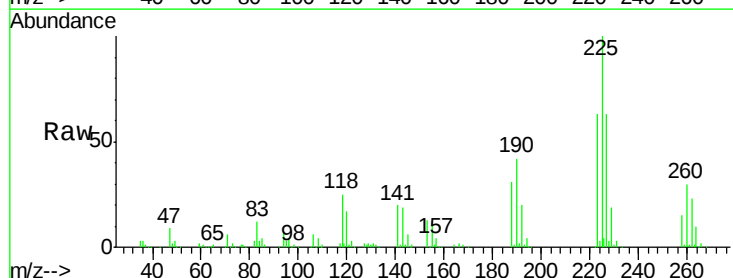
Tgt Ion:225 Resp: 163864

Ion Ratio Lower Upper

225 100

223 62.8 52.2 78.2

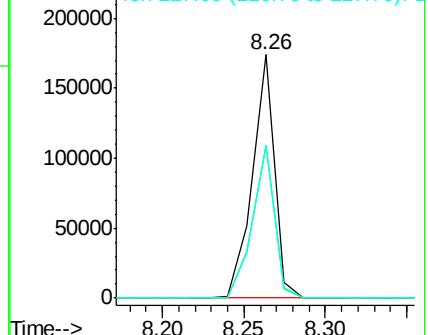
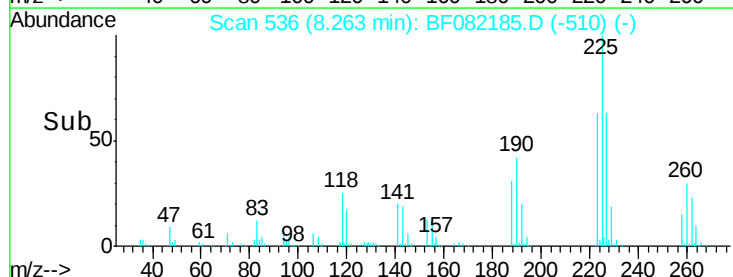
227 62.6 51.3 76.9

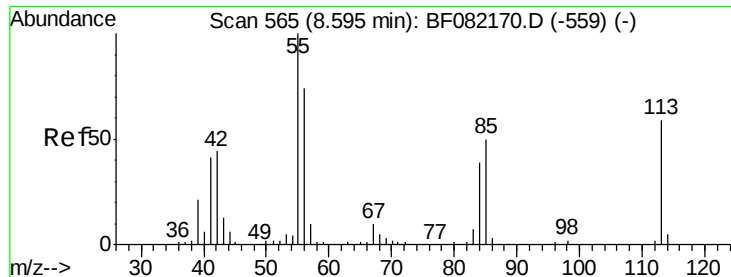


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 28.00 ng

RT: 8.58 min Scan# 564

Delta R.T. -0.01 min

Lab File: BF082185.D

Acq: 10 Oct 2015 19:39

Instrument :

BNA_F

ClientSampleId :

A13COMPMSD

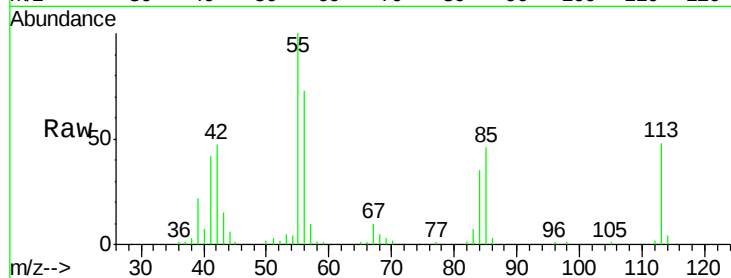
Tot Ion:113 Resp: 40880

Ion Ratio Lower Upper

113 100

55 206.4 149.7 189.7#

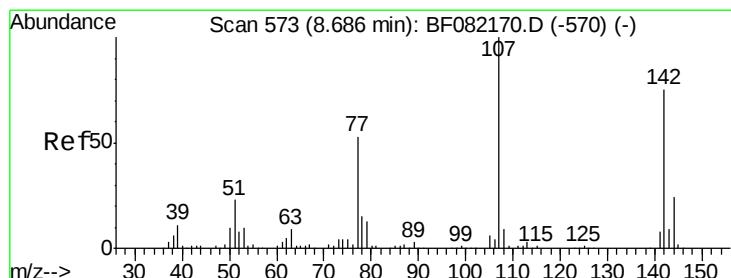
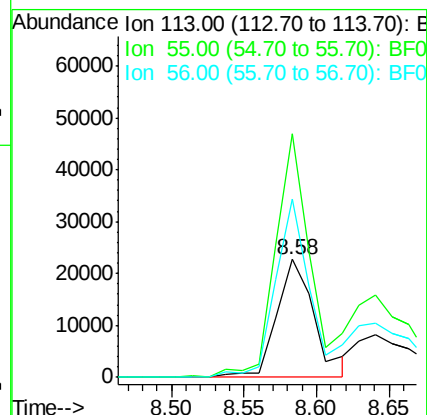
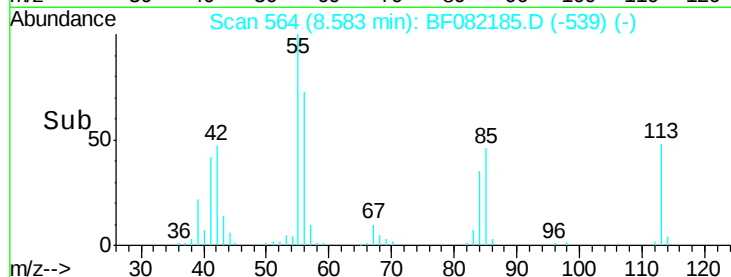
56 150.7 105.4 145.4#



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: 52.41 ng

RT: 8.70 min Scan# 574

Delta R.T. 0.01 min

Lab File: BF082185.D

Acq: 10 Oct 2015 19:39

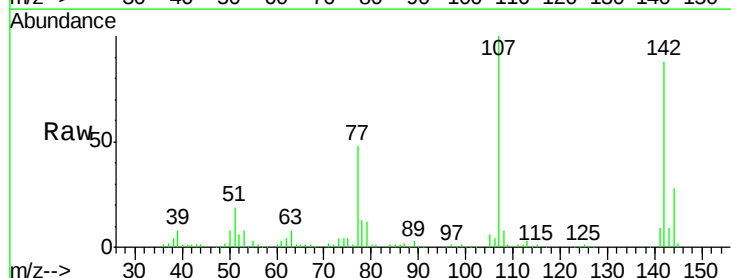
Tgt Ion:107 Resp: 257834

Ion Ratio Lower Upper

107 100

144 28.0 19.3 28.9

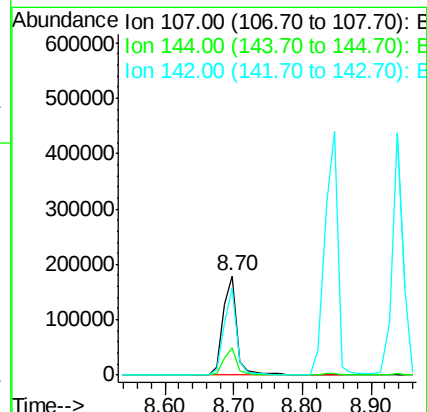
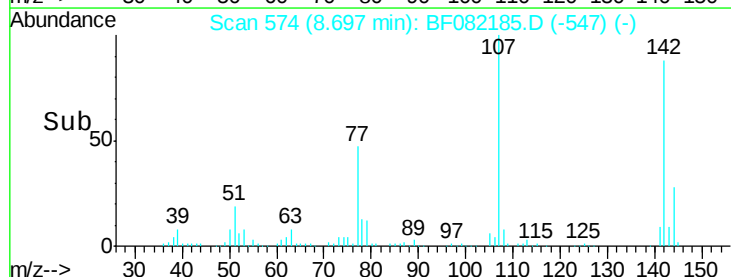
142 87.5 59.9 89.9

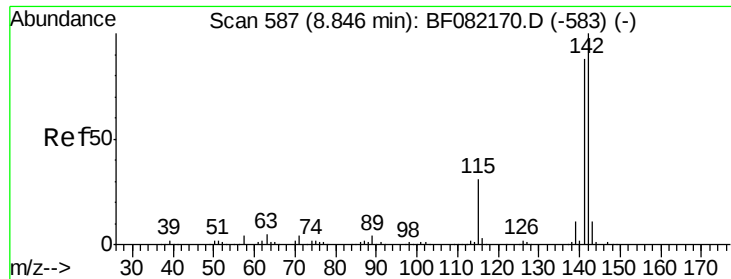


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

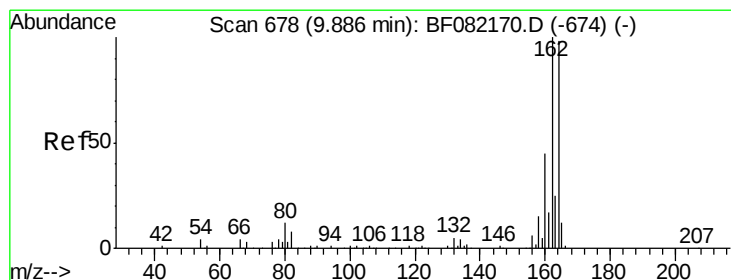
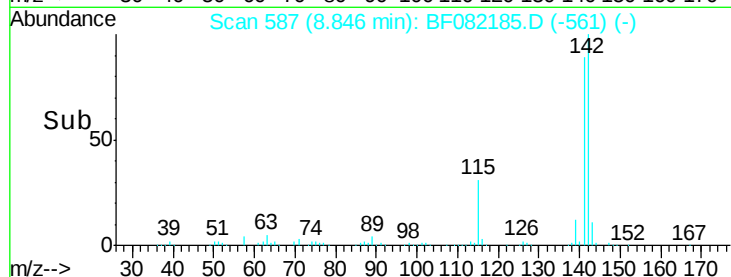
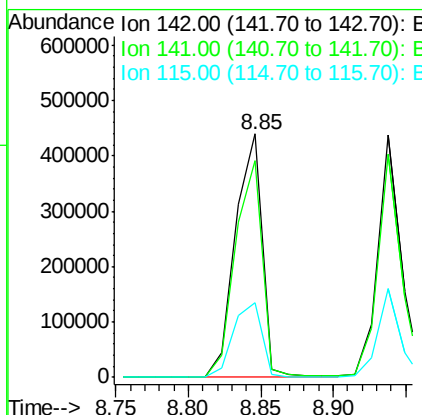
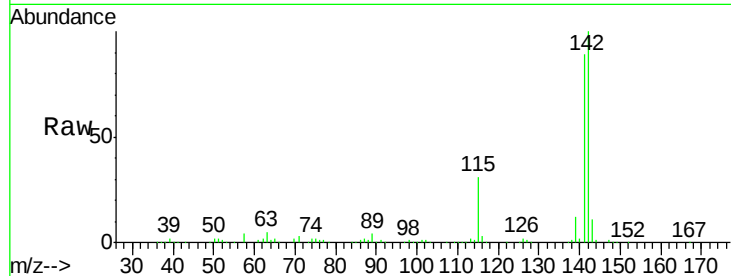




#37
2-Methylnaphthalene
Concen: 48.65 ng
RT: 8.85 min Scan# 587
Delta R.T. -0.00 min
Lab File: BF082185.D
Acq: 10 Oct 2015 19:39

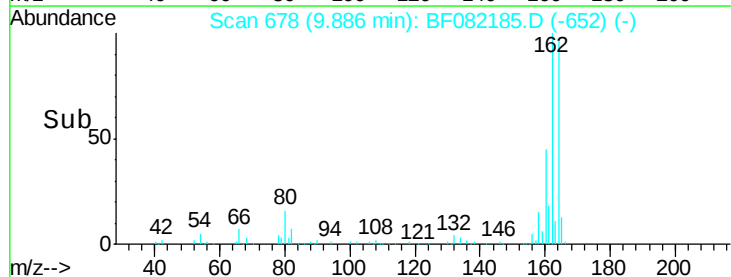
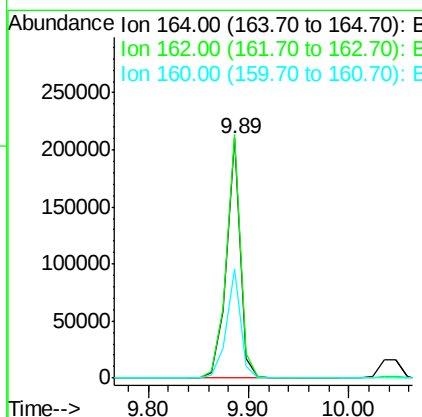
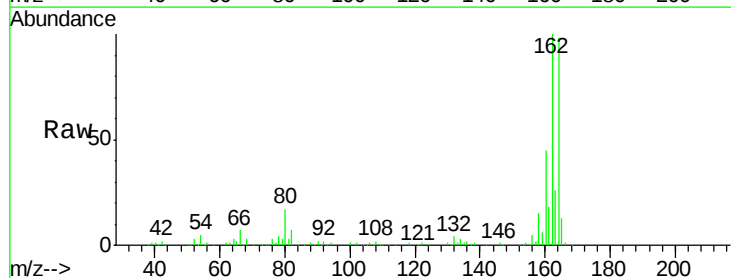
Instrument :
BNA_F
ClientSampleId :
A13COMPMSD

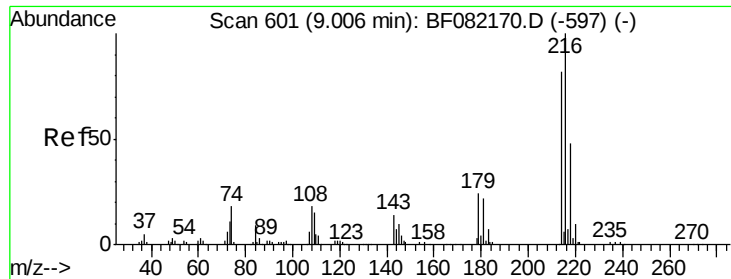
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.4	105.6
115	30.5	24.6	37.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 678
Delta R.T. -0.00 min
Lab File: BF082185.D
Acq: 10 Oct 2015 19:39

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.8	81.6	122.4
160	45.6	36.4	54.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.06 ng

RT: 9.01 min Scan# 601

Delta R.T. -0.00 min

Lab File: BF082185.D

Acq: 10 Oct 2015 19:39

Instrument :

BNA_F

ClientSampleId :

A13COMPMSD

Tot Ion:216 Resp: 264376

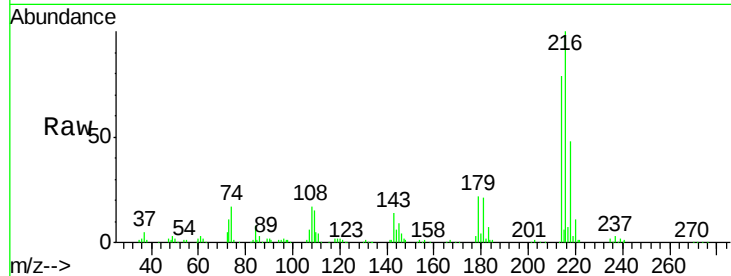
Ion Ratio Lower Upper

216 100

214 79.3 64.6 97.0

179 21.5 17.6 26.4

108 19.4 14.5 21.7

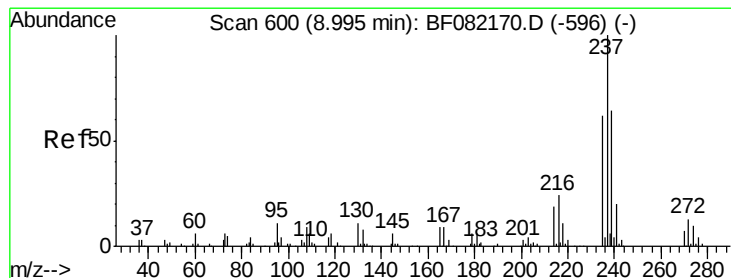
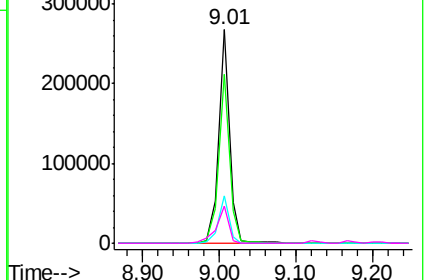
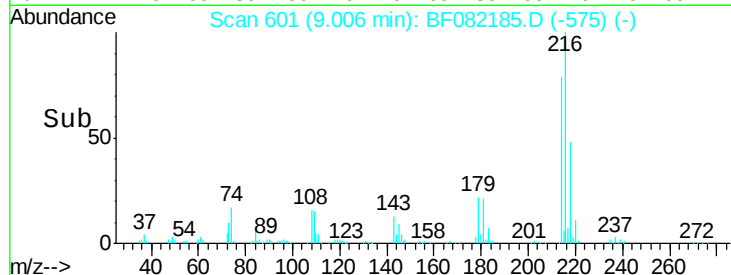


Abundance Ion 216.00 (215.70 to 216.70): E

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: 92.63 ng

RT: 8.99 min Scan# 600

Delta R.T. 0.00 min

Lab File: BF082185.D

Acq: 10 Oct 2015 19:39

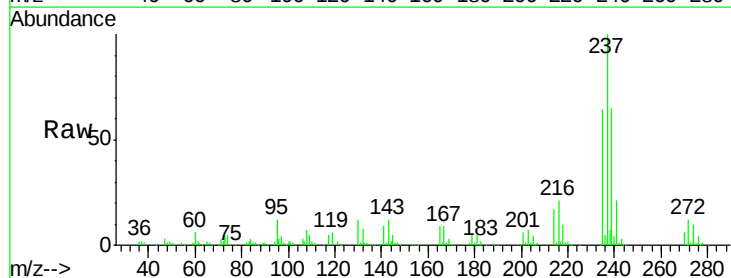
Tgt Ion:237 Resp: 285680

Ion Ratio Lower Upper

237 100

235 63.8 41.7 81.7

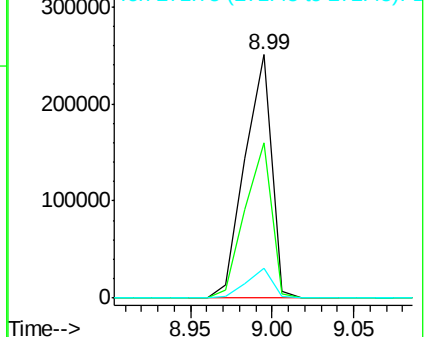
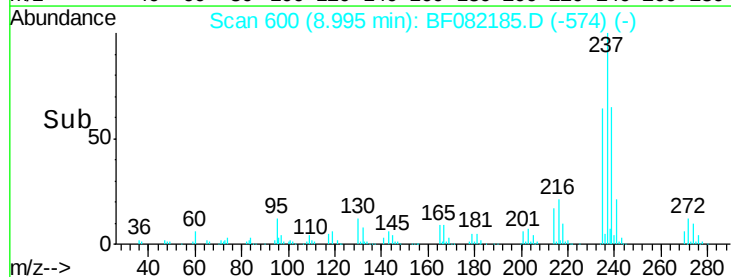
272 12.4 0.0 32.8

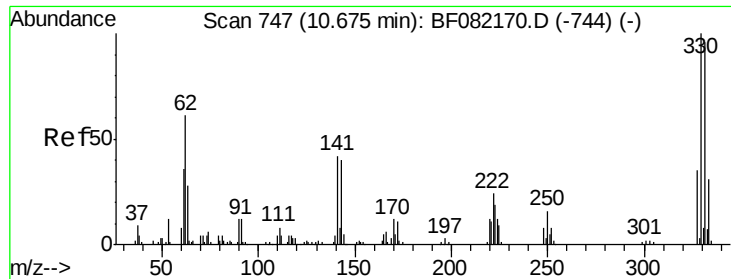


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

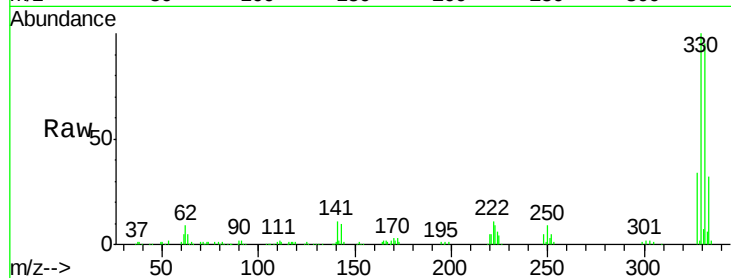




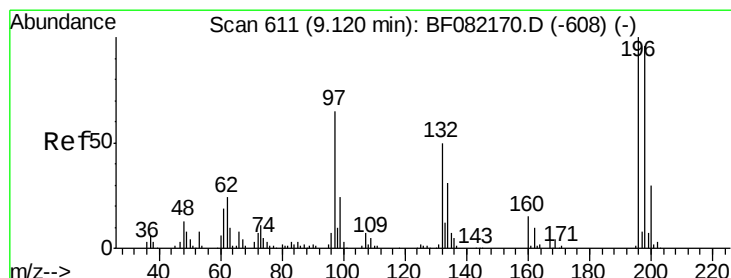
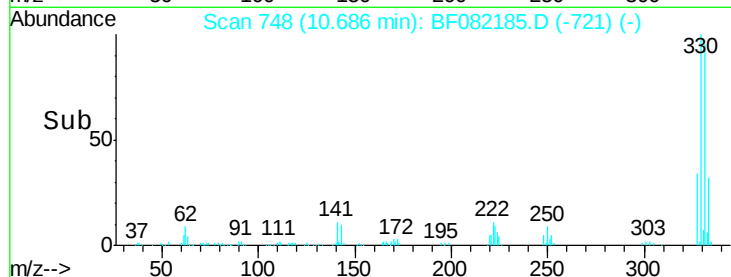
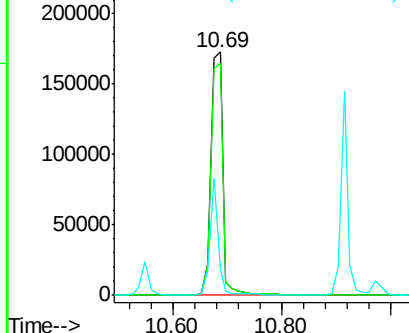
#41
 2,4,6-Tribromophenol
 Concen: 143.08 ng
 RT: 10.69 min Scan# 748
 Delta R.T. 0.01 min
 Lab File: BF082185.D
 Acq: 10 Oct 2015 19:39

Instrument :
 BNA_F
 ClientSampleId :
 A13COMPMSD

Tot Ion:330 Resp: 270665
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.1 115.7
 141 32.0 29.8 44.8

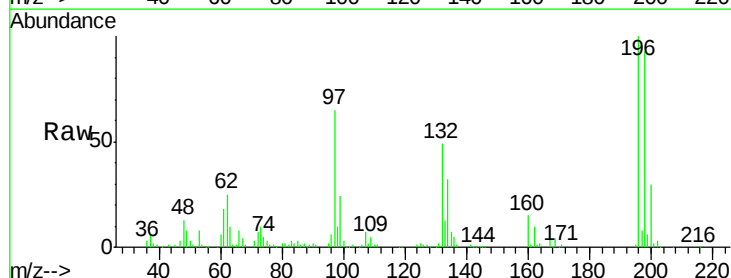


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

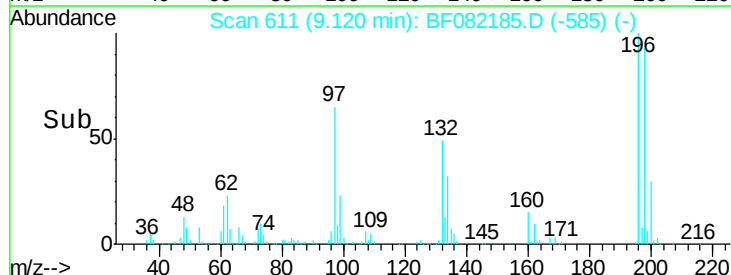
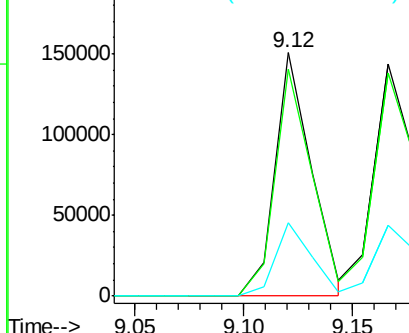


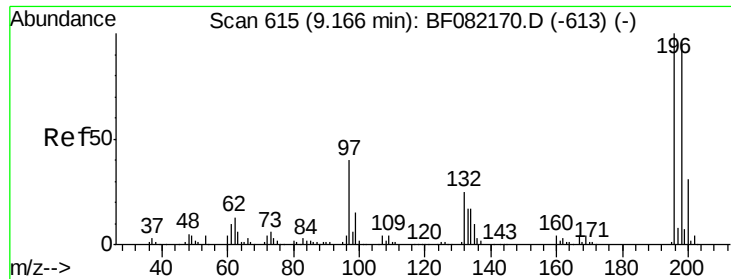
#42
 2,4,6-Trichlorophenol
 Concen: 44.28 ng
 RT: 9.12 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: BF082185.D
 Acq: 10 Oct 2015 19:39

Tgt Ion:196 Resp: 176468
 Ion Ratio Lower Upper
 196 100
 198 93.4 76.6 115.0
 200 30.0 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

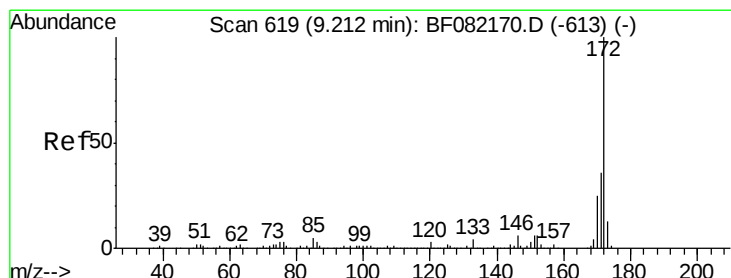
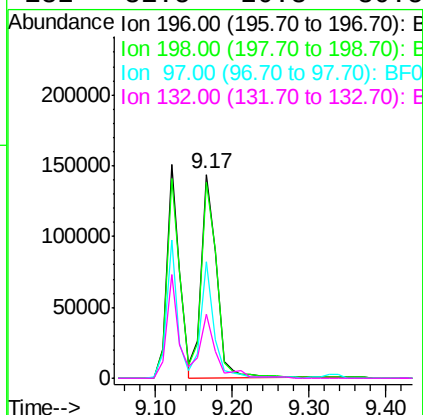
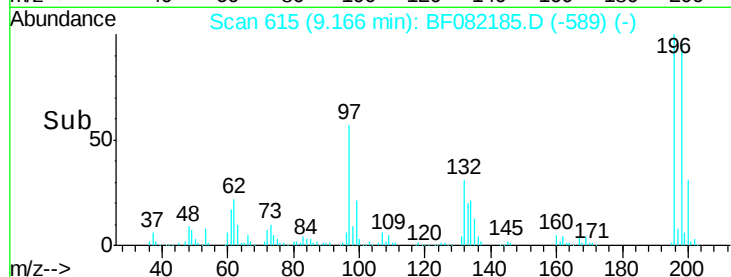
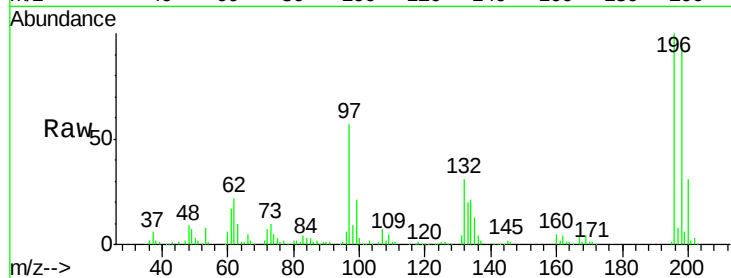




#43
 2,4,5-Trichlorophenol
 Concen: 45.52 ng
 RT: 9.17 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: BF082185.D
 Acq: 10 Oct 2015 19:39

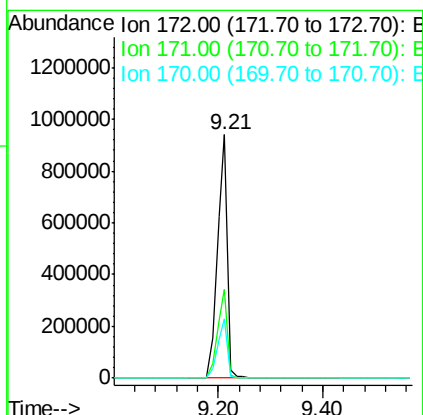
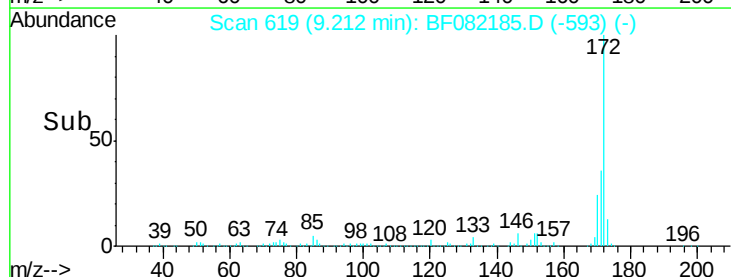
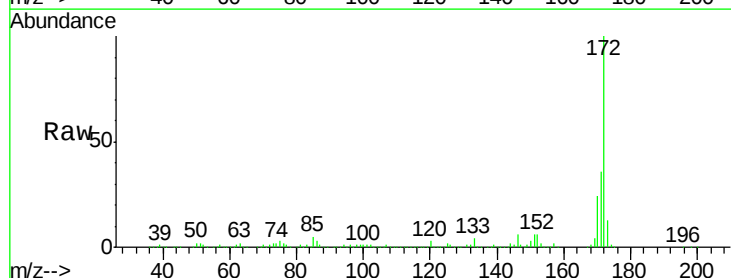
Instrument :
 BNA_F
 ClientSampleId :
 A13COMPMSD

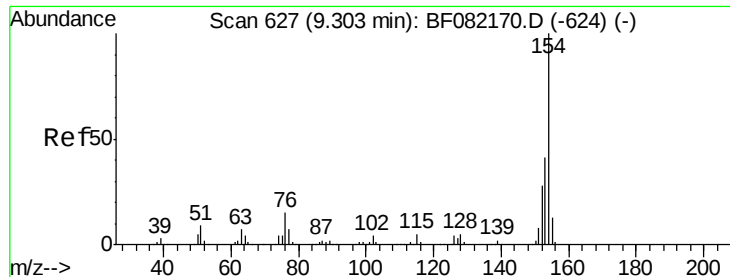
Tot Ion	Ratio	Lower	Upper
196	100		
198	96.4	77.0	115.4
97	57.2	31.9	47.9#
132	31.5	20.3	30.5#



#44
 2-Fluorobiphenyl
 Concen: 100.53 ng
 RT: 9.21 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF082185.D
 Acq: 10 Oct 2015 19:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.6	42.8
170	24.5	19.7	29.5





#45

1,1'-Biphenyl

Concen: 43.78 ng

RT: 9.30 min Scan# 627

Delta R.T. -0.00 min

Lab File: BF082185.D

Acq: 10 Oct 2015 19:39

Instrument :

BNA_F

ClientSampleId :

A13COMPMSD

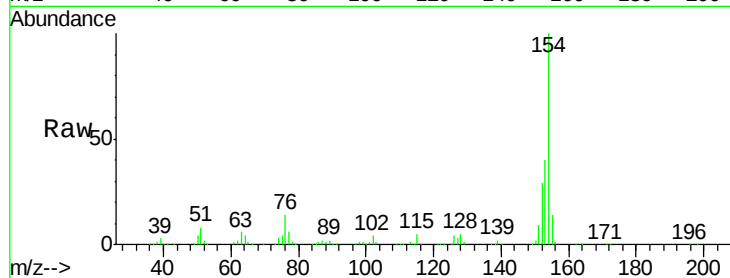
Tot Ion:154 Resp: 673376

Ion Ratio Lower Upper

154 100

153 40.4 20.6 60.6

76 14.0 0.0 35.2

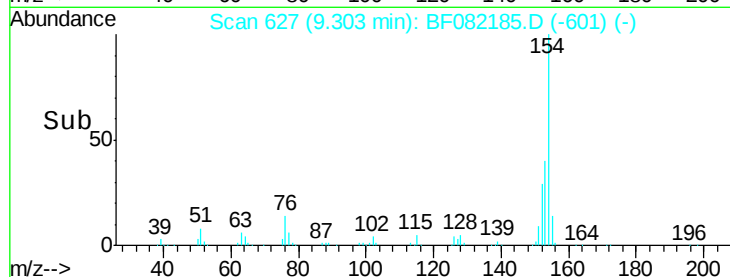


Abundance Ion 154.00 (153.70 to 154.70): E

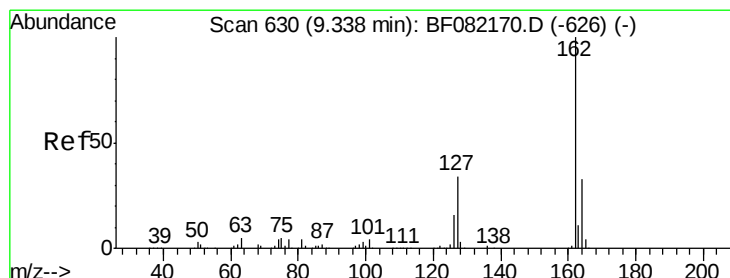
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

9.30



Time-->



#46

2-Chloronaphthalene

Concen: 46.40 ng

RT: 9.34 min Scan# 630

Delta R.T. -0.00 min

Lab File: BF082185.D

Acq: 10 Oct 2015 19:39

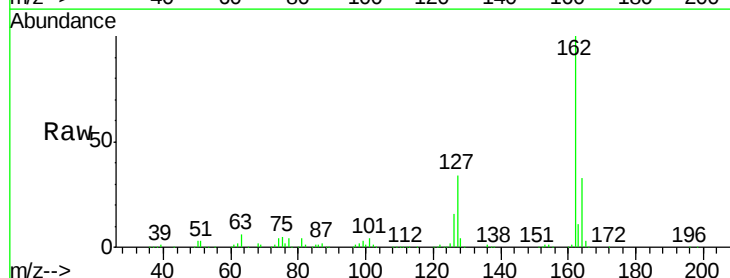
Tgt Ion:162 Resp: 561811

Ion Ratio Lower Upper

162 100

127 34.3 27.5 41.3

164 33.4 26.6 39.8

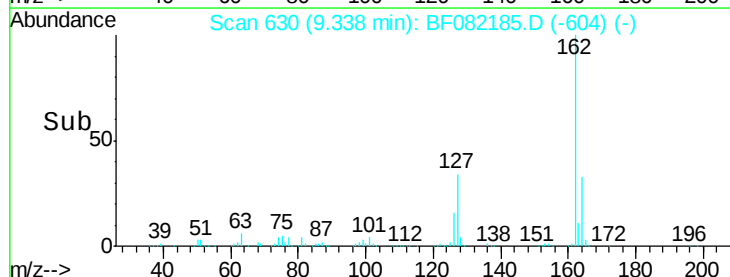


Abundance Ion 162.00 (161.70 to 162.70): E

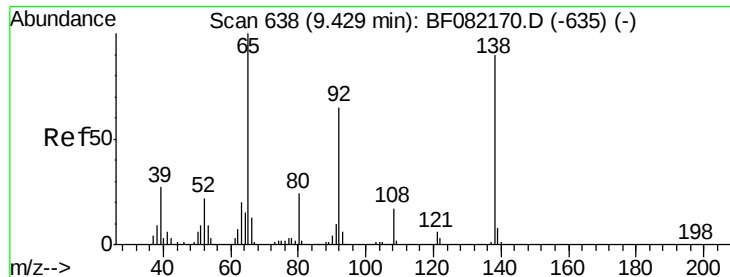
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

9.34



Time-->



#47

2-Nitroaniline

Concen: 49.13 ng

RT: 9.44 min Scan# 639

Delta R.T. 0.01 min

Lab File: BF082185.D

Acq: 10 Oct 2015 19:39

Instrument :

BNA_F

ClientSampleId :

A13COMPMSD

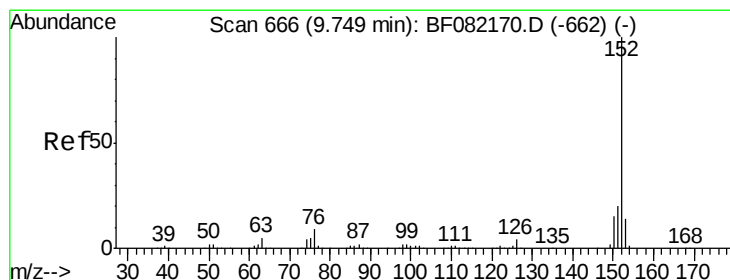
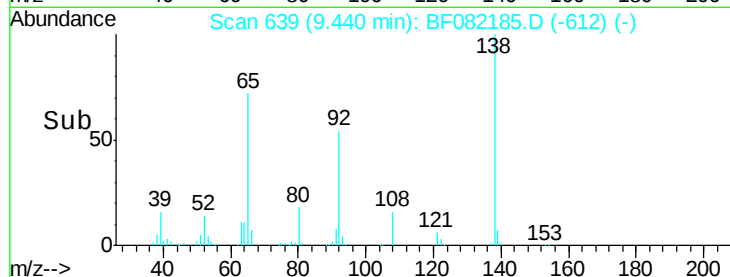
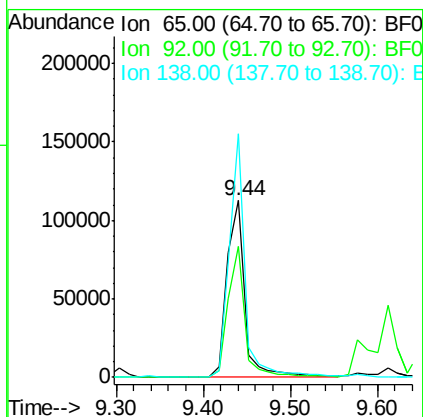
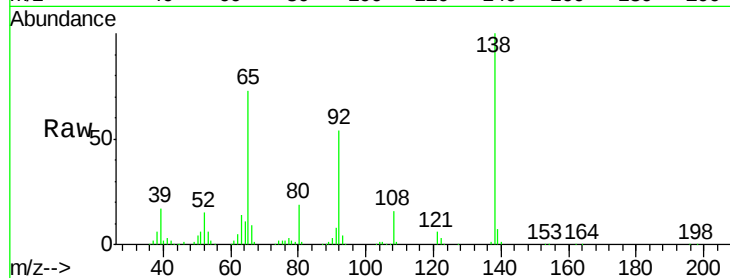
Tot Ion: 65 Resp: 163329

Ion Ratio Lower Upper

65 100

92 74.3 52.3 78.5

138 137.6 72.2 108.4#



#48

Acenaphthylene

Concen: 45.07 ng

RT: 9.75 min Scan# 666

Delta R.T. -0.00 min

Lab File: BF082185.D

Acq: 10 Oct 2015 19:39

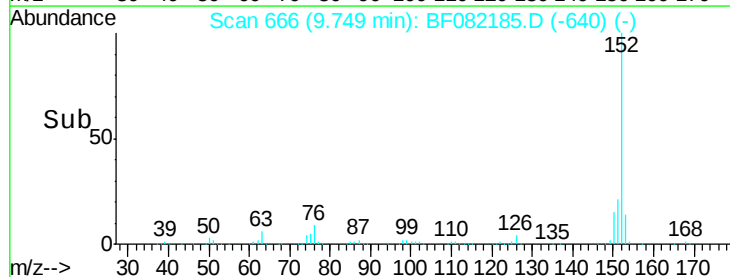
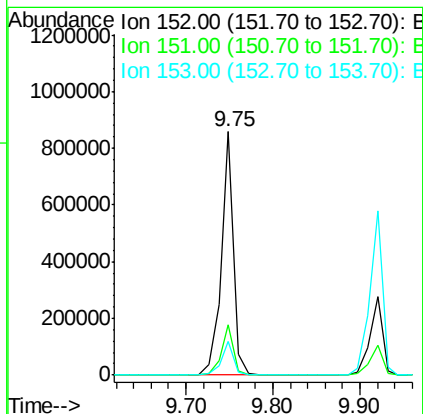
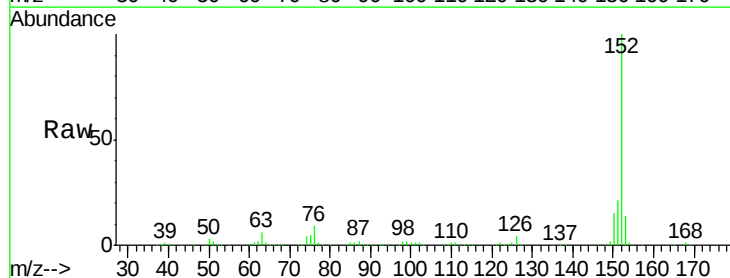
Tgt Ion: 152 Resp: 850082

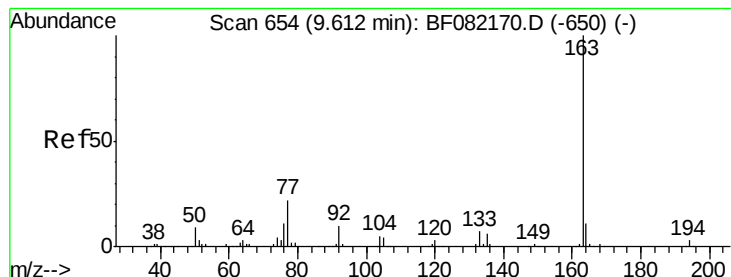
Ion Ratio Lower Upper

152 100

151 20.8 16.4 24.6

153 13.7 10.8 16.2





#49

Dimethylphthalate

Concen: 46.31 ng

RT: 9.61 min Scan# 654

Delta R.T. -0.00 min

Lab File: BF082185.D

Acq: 10 Oct 2015 19:39

Instrument :

BNA_F

ClientSampleId :

A13COMPMSD

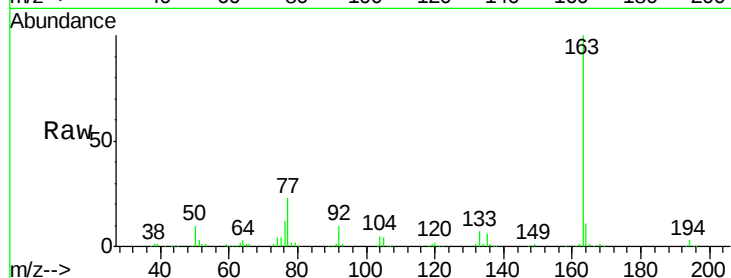
Tot Ion:163 Resp: 657847

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

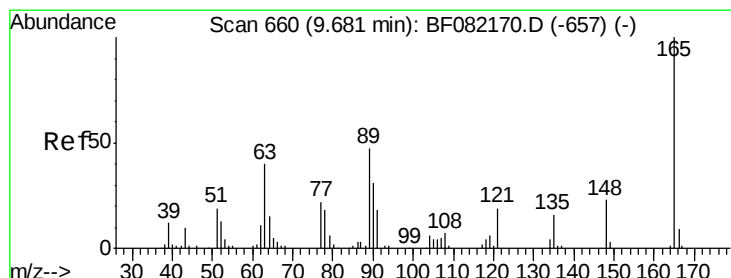
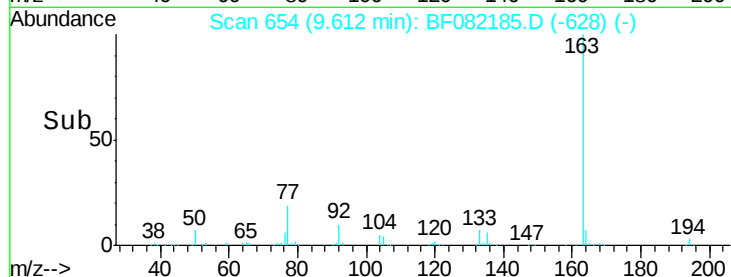
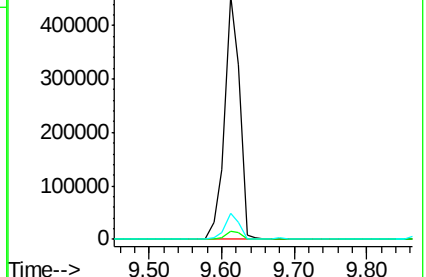
164 10.5 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 50.50 ng

RT: 9.68 min Scan# 660

Delta R.T. -0.00 min

Lab File: BF082185.D

Acq: 10 Oct 2015 19:39

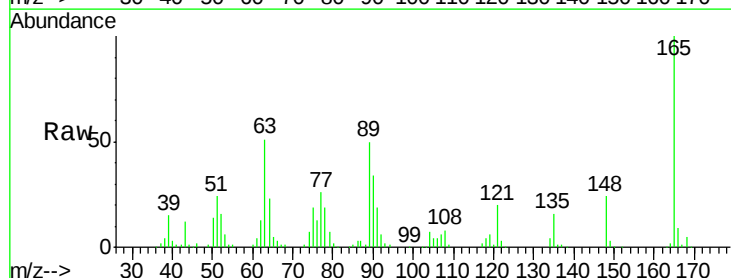
Tgt Ion:165 Resp: 151363

Ion Ratio Lower Upper

165 100

63 51.4 36.7 55.1

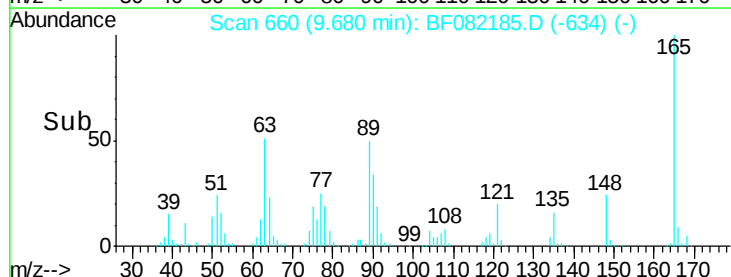
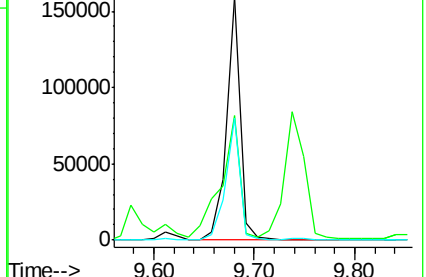
89 50.2 37.8 56.6

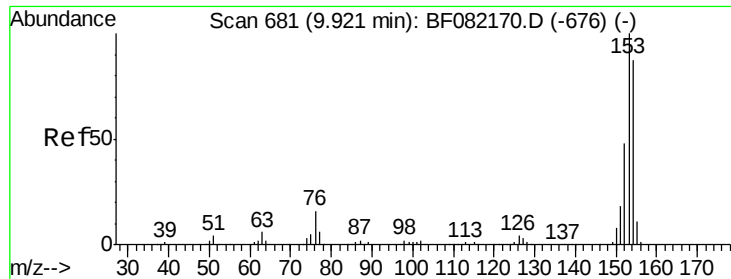


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 45.28 ng

RT: 9.92 min Scan# 681

Delta R.T. -0.00 min

Lab File: BF082185.D

Acq: 10 Oct 2015 19:39

Instrument :

BNA_F

ClientSampleId :

A13COMPMSD

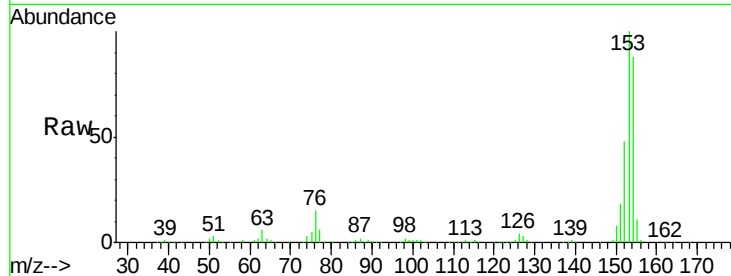
Tot Ion:154 Resp: 512744

Ion Ratio Lower Upper

154 100

153 114.3 91.4 137.2

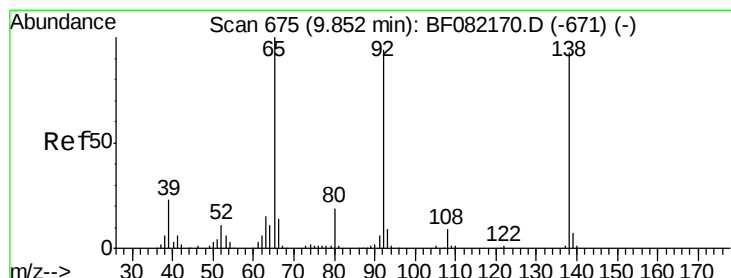
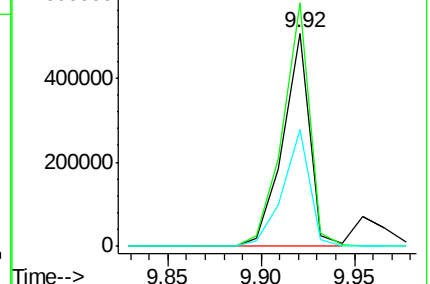
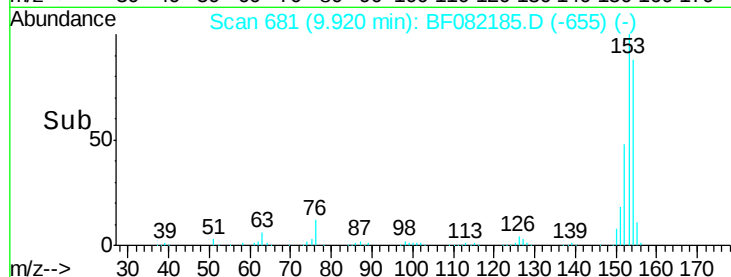
152 54.8 44.3 66.5



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: 12.31 ng

RT: 9.85 min Scan# 675

Delta R.T. -0.00 min

Lab File: BF082185.D

Acq: 10 Oct 2015 19:39

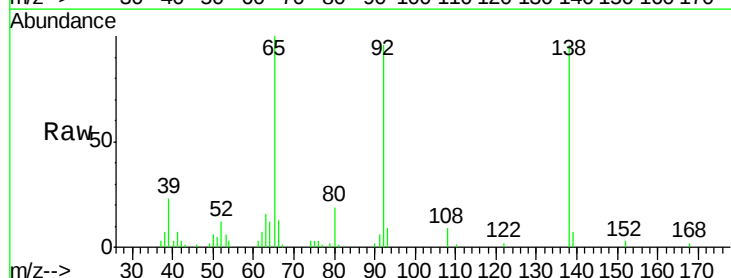
Tgt Ion:138 Resp: 41690

Ion Ratio Lower Upper

138 100

108 9.5 7.4 11.0

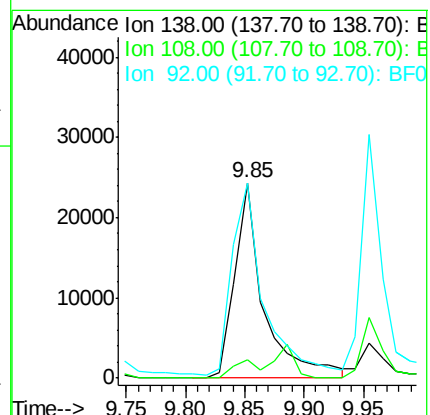
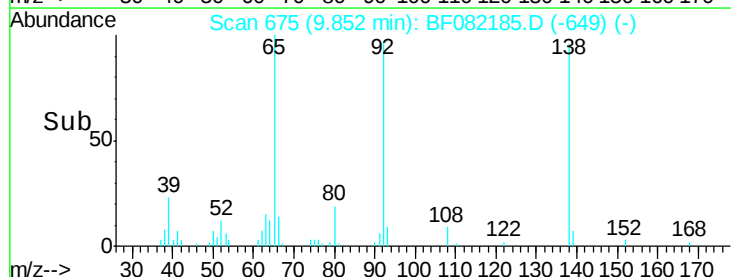
92 100.2 81.3 121.9

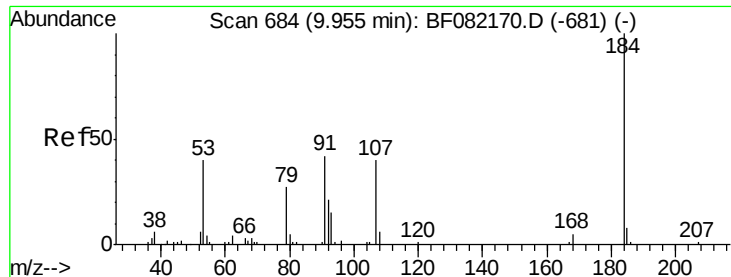


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

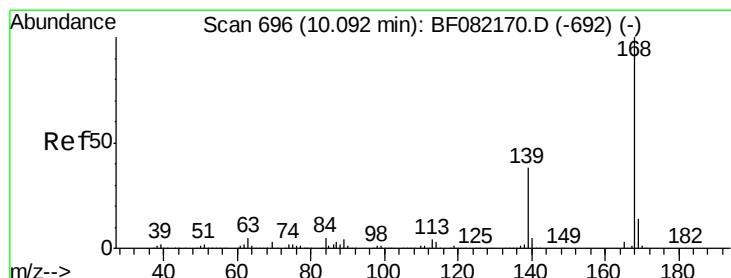
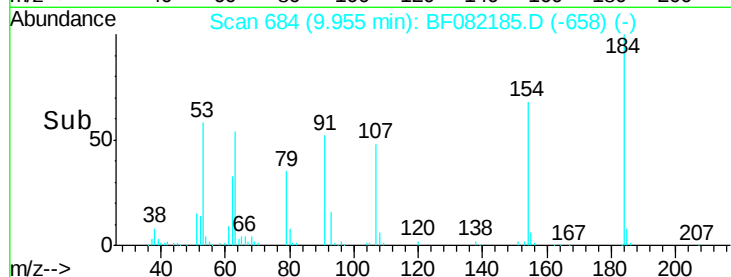
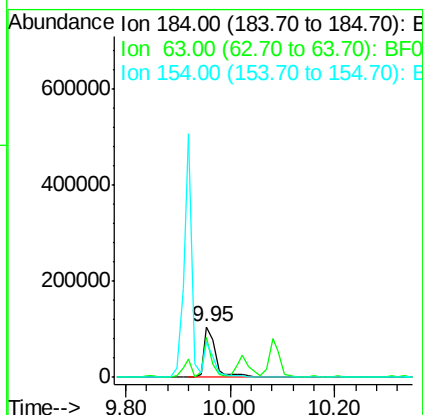
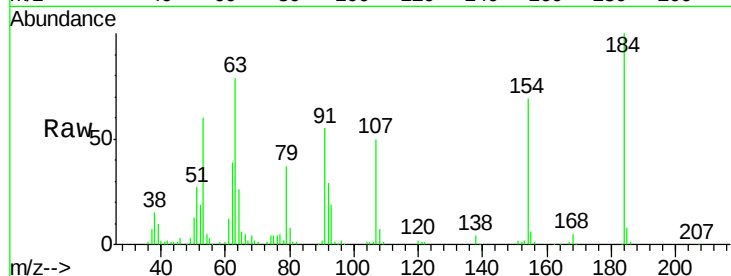




#53
 2,4-Dinitrophenol
 Concen: 97.52 ng
 RT: 9.95 min Scan# 684
 Delta R.T. 0.00 min
 Lab File: BF082185.D
 Acq: 10 Oct 2015 19:39

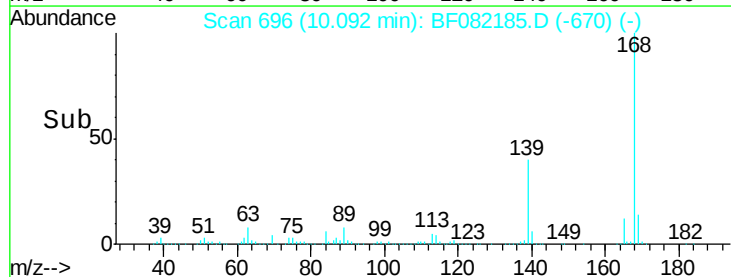
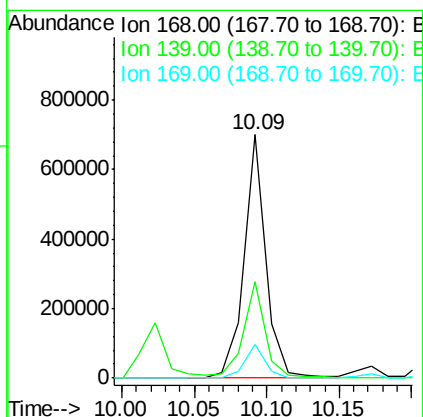
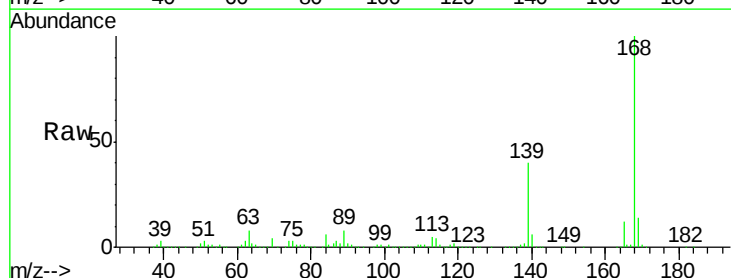
Instrument :
 BNA_F
 ClientSampleId :
 A13COMPMSD

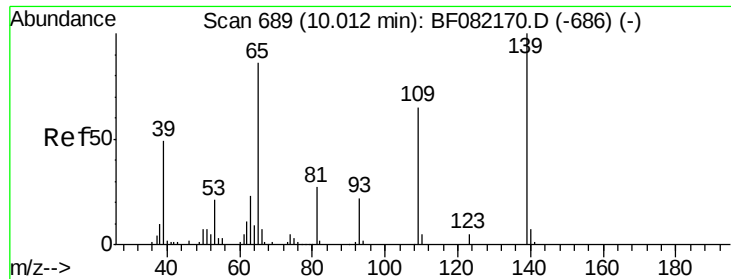
Tot Ion:184 Resp: 165885
 Ion Ratio Lower Upper
 184 100
 63 79.5 45.1 67.7#
 154 68.6 51.2 76.8



#54
 Dibenzofuran
 Concen: 46.88 ng
 RT: 10.09 min Scan# 696
 Delta R.T. -0.00 min
 Lab File: BF082185.D
 Acq: 10 Oct 2015 19:39

Tgt Ion:168 Resp: 728889
 Ion Ratio Lower Upper
 168 100
 139 39.8 31.0 46.6
 169 13.9 10.9 16.3

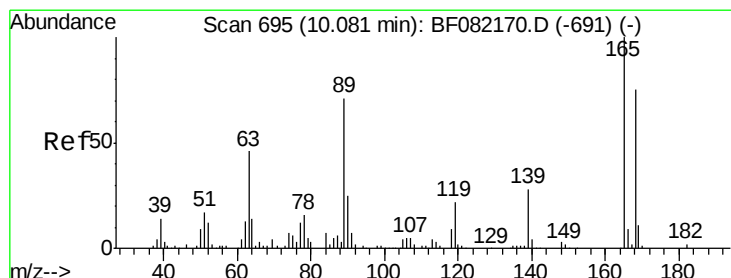
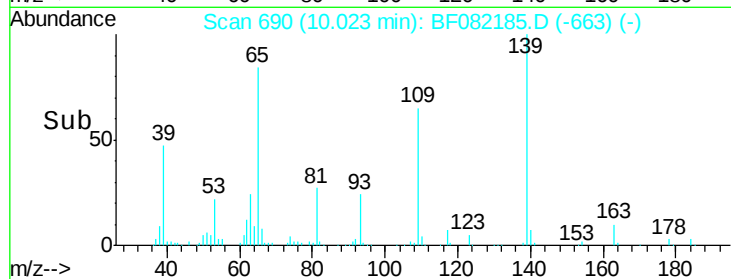
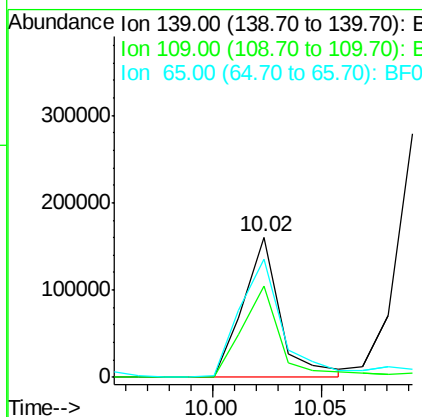
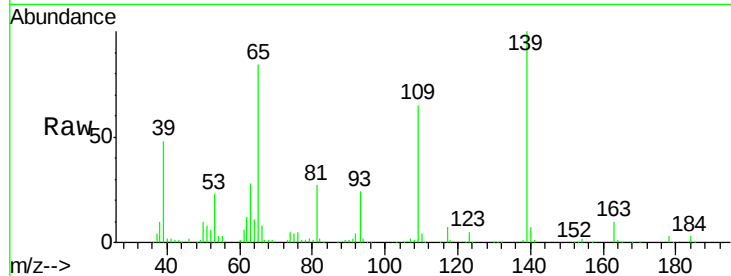




#55
4-Nitrophenol
Concen: 81.05 ng
RT: 10.02 min Scan# 690
Delta R.T. 0.01 min
Lab File: BF082185.D
Acq: 10 Oct 2015 19:39

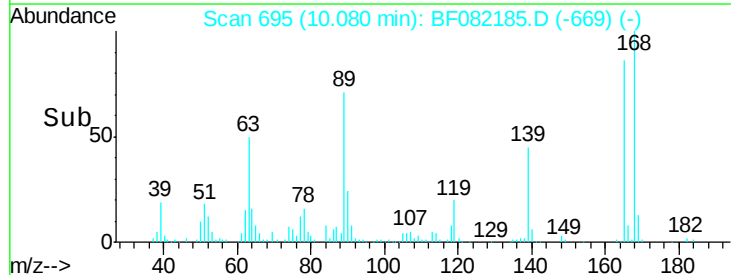
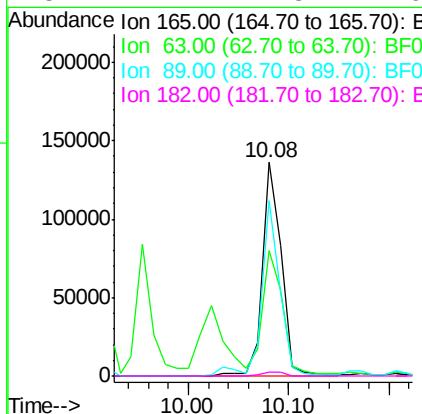
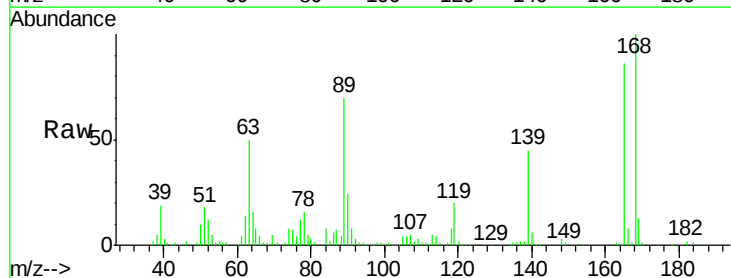
Instrument :
BNA_F
ClientSampleId :
A13COMPMSD

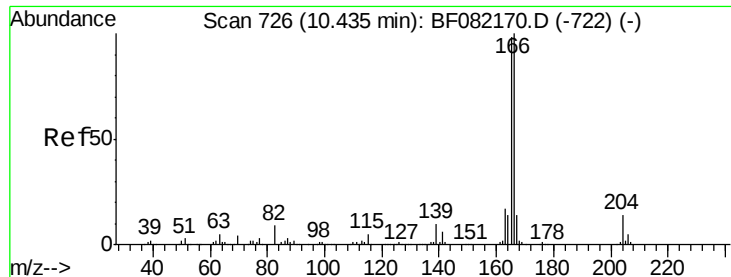
Tot Ion:139 Resp: 190637
Ion Ratio Lower Upper
139 100
109 65.3 44.8 84.8
65 84.5 67.7 107.7



#56
2,4-Dinitrotoluene
Concen: 47.14 ng
RT: 10.08 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF082185.D
Acq: 10 Oct 2015 19:39

Tgt Ion:165 Resp: 176585
Ion Ratio Lower Upper
165 100
63 58.5 38.6 58.0#
89 81.9 57.0 85.6
182 2.1 1.8 2.6





#57

Fluorene

Concen: 45.82 ng

RT: 10.43 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF082185.D

Acq: 10 Oct 2015 19:39

Instrument :

BNA_F

ClientSampleId :

A13COMPMSD

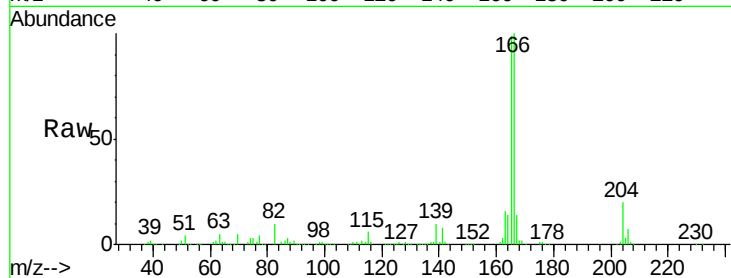
Tot Ion:166 Resp: 585082

Ion Ratio Lower Upper

166 100

165 99.4 78.3 117.5

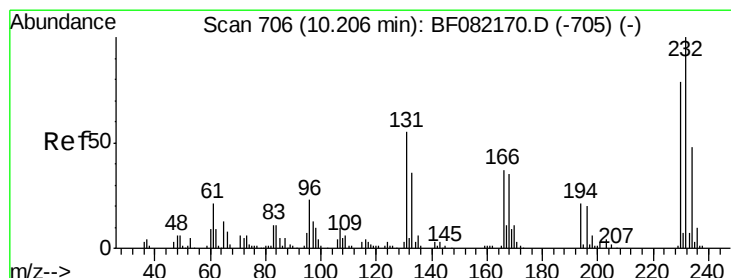
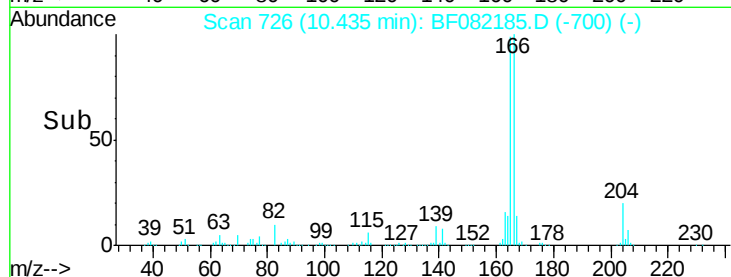
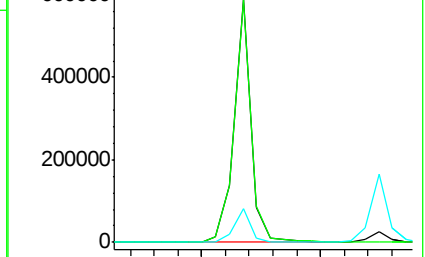
167 14.0 10.8 16.2



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: 47.47 ng

RT: 10.22 min Scan# 707

Delta R.T. 0.01 min

Lab File: BF082185.D

Acq: 10 Oct 2015 19:39

Tgt Ion:232 Resp: 167431

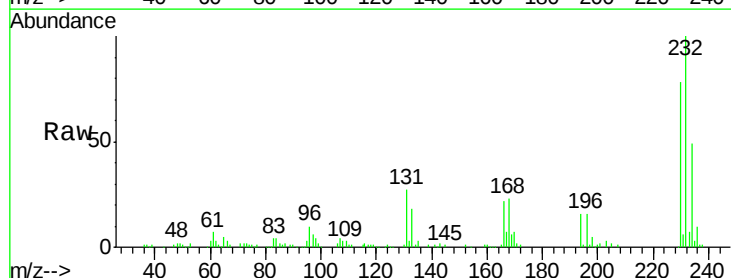
Ion Ratio Lower Upper

232 100

131 44.0 36.6 54.8

130 2.0 1.5 2.3

166 29.5 24.6 37.0

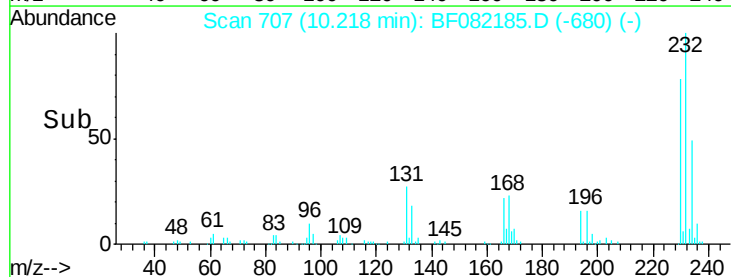
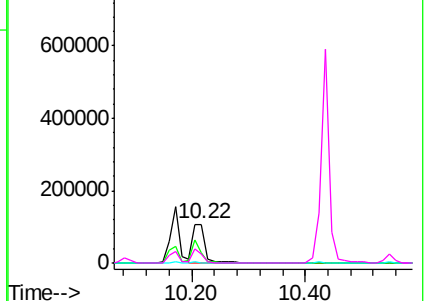


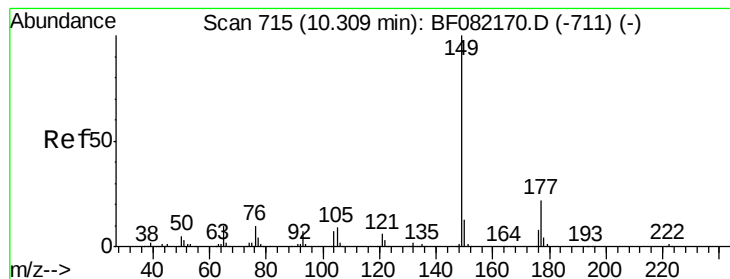
Abundance Ion 232.00 (231.70 to 232.70): E

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: 46.61 ng

RT: 10.31 min Scan# 715

Delta R.T. 0.00 min

Lab File: BF082185.D

Acq: 10 Oct 2015 19:39

Instrument :

BNA_F

ClientSampleId :

A13COMPMSD

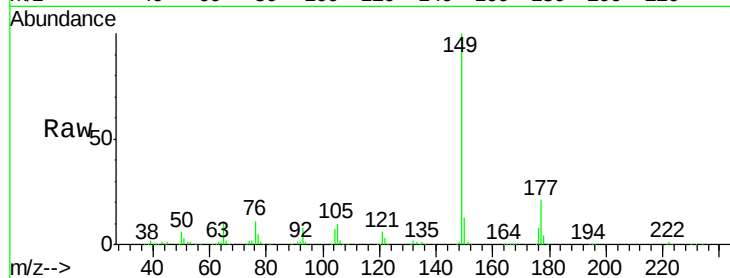
Tot Ion:149 Resp: 617118

Ion Ratio Lower Upper

149 100

177 21.3 17.6 26.4

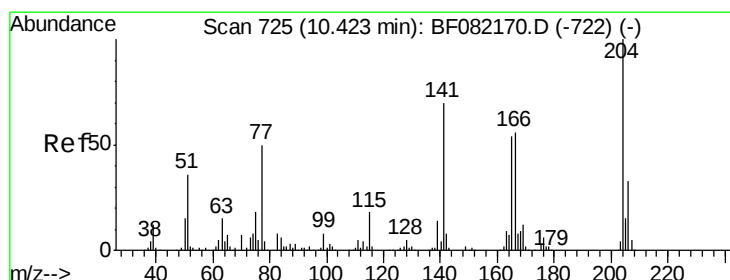
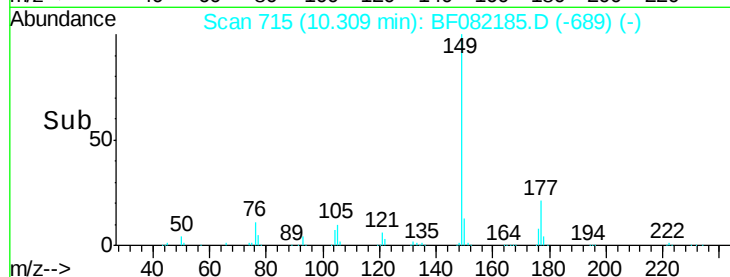
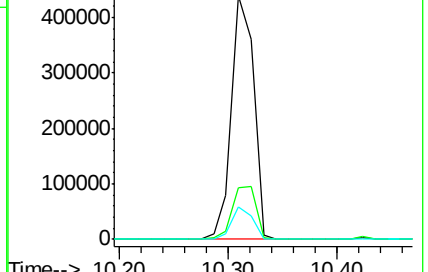
150 13.1 10.3 15.5



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: 45.81 ng

RT: 10.42 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF082185.D

Acq: 10 Oct 2015 19:39

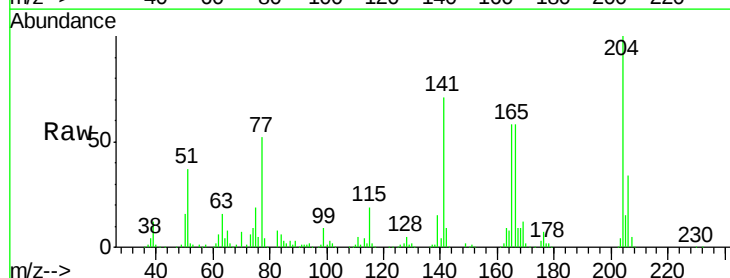
Tgt Ion:204 Resp: 267970

Ion Ratio Lower Upper

204 100

206 33.7 26.8 40.2

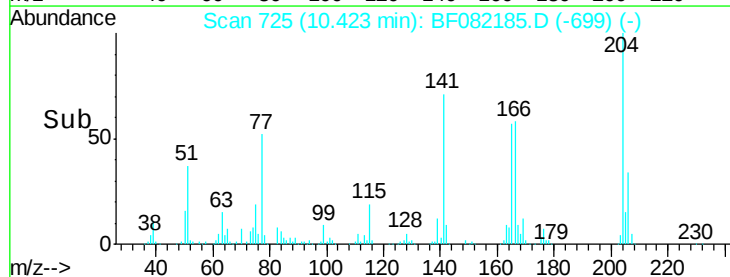
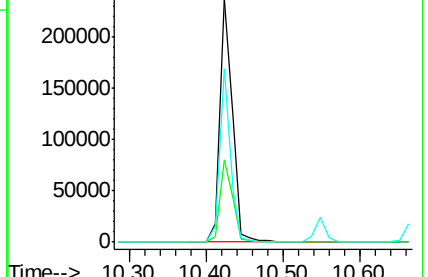
141 70.9 56.1 84.1

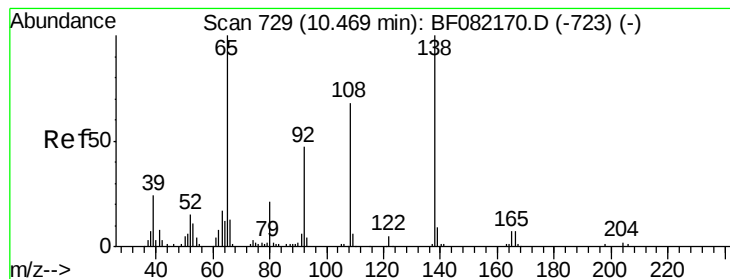


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 38.45 ng

RT: 10.47 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF082185.D

Acq: 10 Oct 2015 19:39

Instrument :

BNA_F

ClientSampleId :

A13COMPMSD

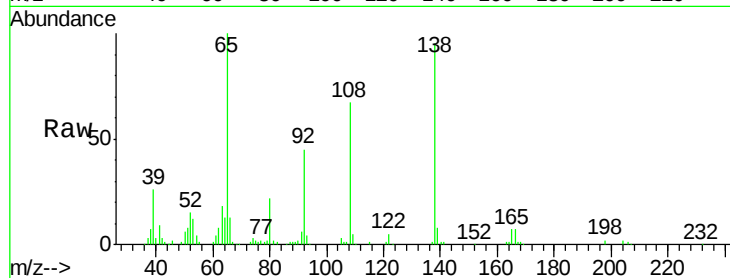
Tot Ion:138 Resp: 126255

Ion Ratio Lower Upper

138 100

92 46.9 26.8 66.8

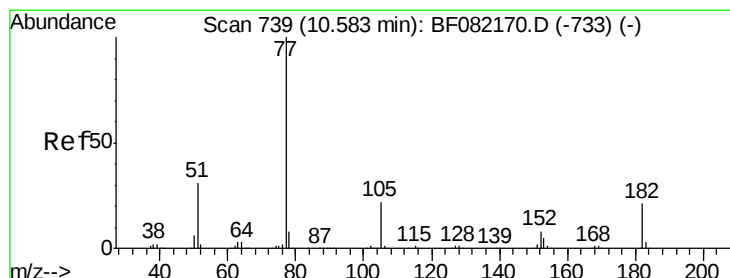
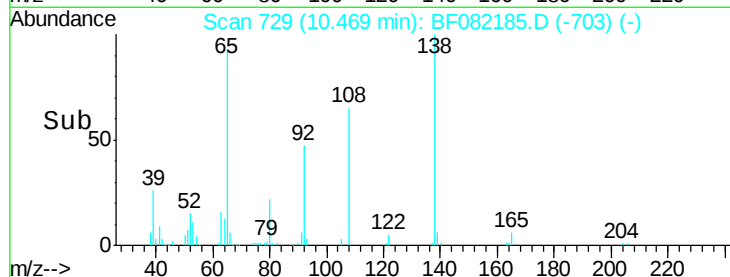
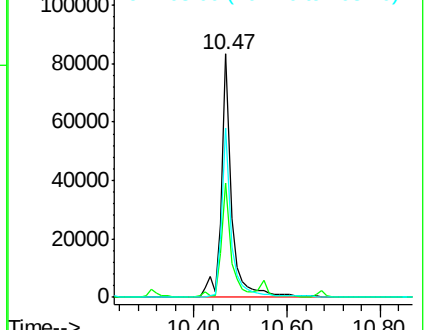
108 69.7 48.4 88.4



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: 46.06 ng

RT: 10.58 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF082185.D

Acq: 10 Oct 2015 19:39

Tgt Ion: 77 Resp: 596841

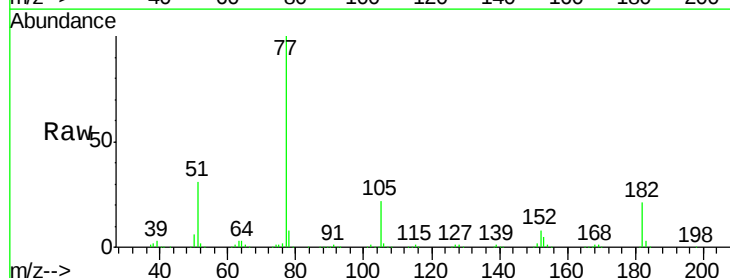
Ion Ratio Lower Upper

77 100

182 21.0 0.5 40.5

105 21.9 1.8 41.8

51 30.9 11.2 51.2

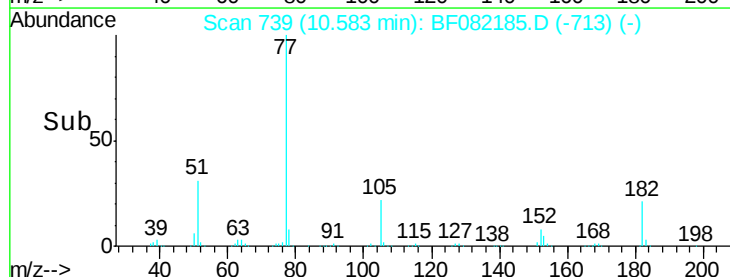
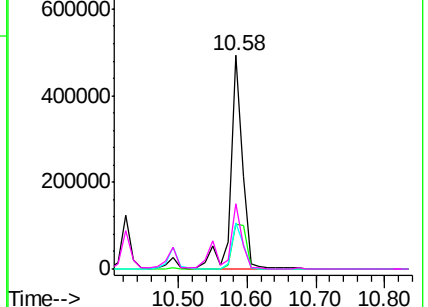


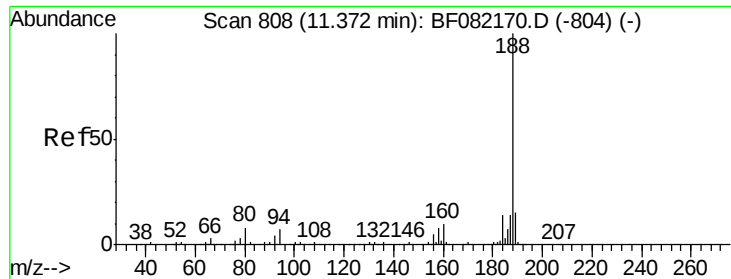
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

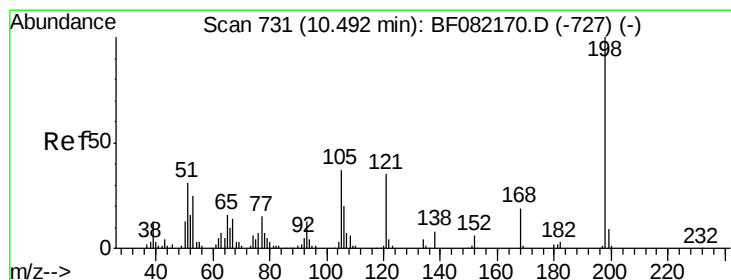
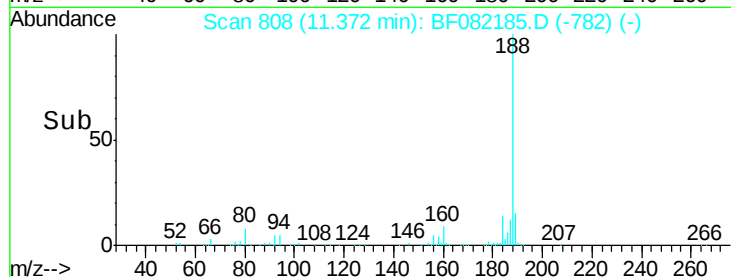
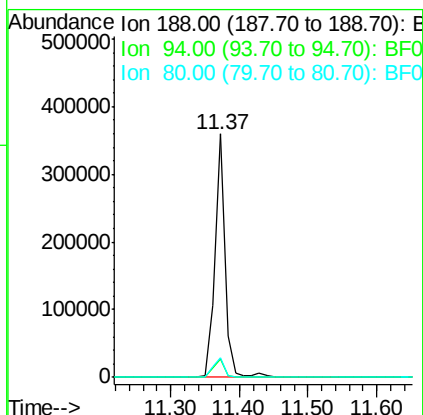
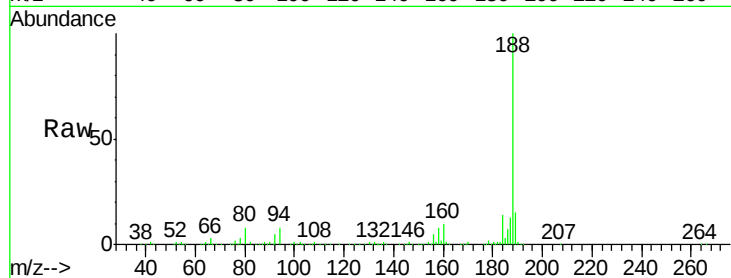




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 808
Delta R.T. -0.00 min
Lab File: BF082185.D
Acq: 10 Oct 2015 19:39

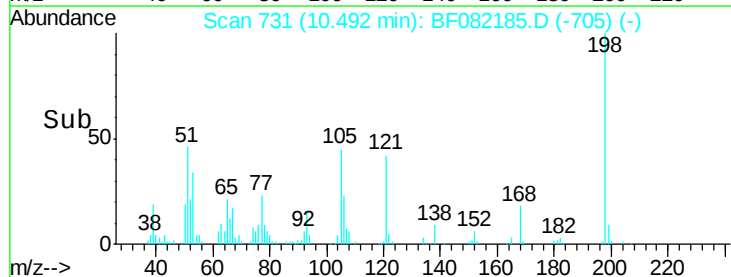
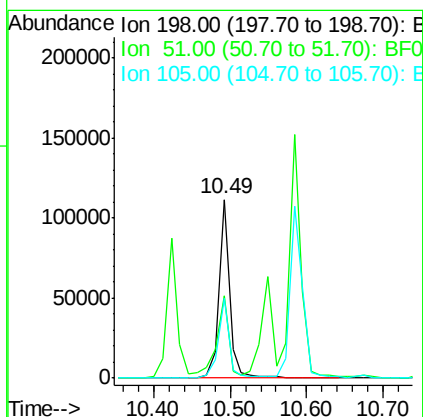
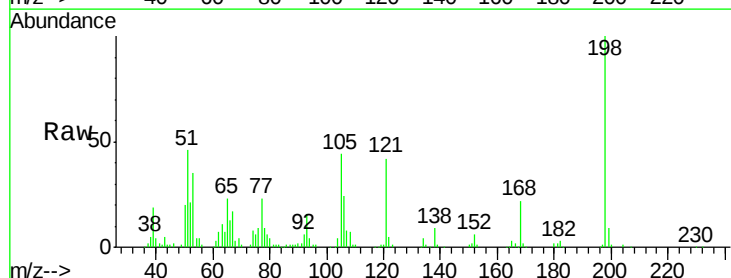
Instrument :
BNA_F
ClientSampleId :
A13COMPMSD

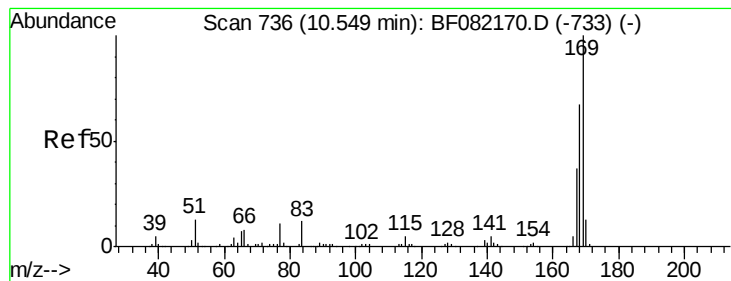
Tot Ion:188 Resp: 380359
Ion Ratio Lower Upper
188 100
94 7.7 5.8 8.6
80 8.1 6.4 9.6



#64
4,6-Dinitro-2-methylphenol
Concen: 50.96 ng
RT: 10.49 min Scan# 731
Delta R.T. -0.00 min
Lab File: BF082185.D
Acq: 10 Oct 2015 19:39

Tgt Ion:198 Resp: 108773
Ion Ratio Lower Upper
198 100
51 46.2 13.6 53.6
105 44.3 17.1 57.1

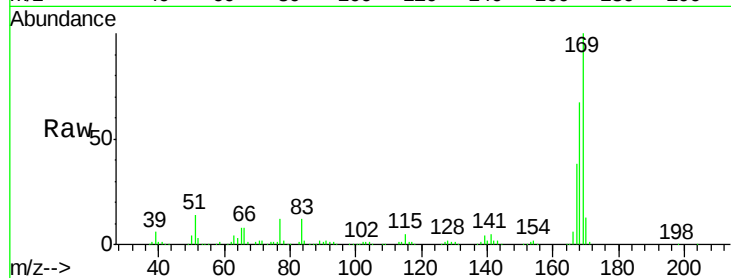




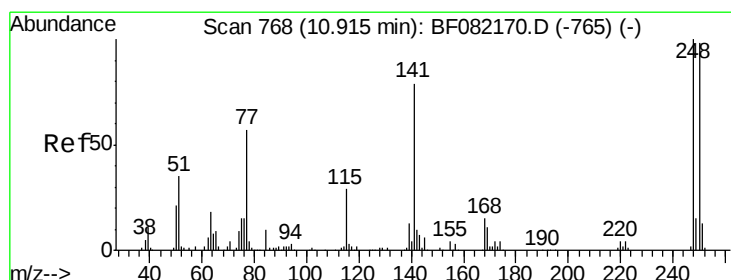
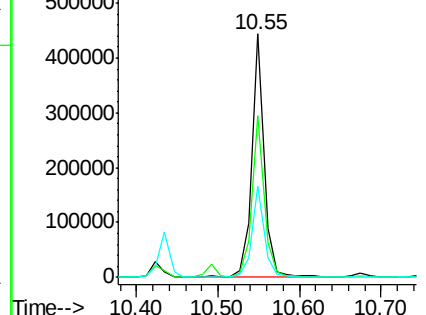
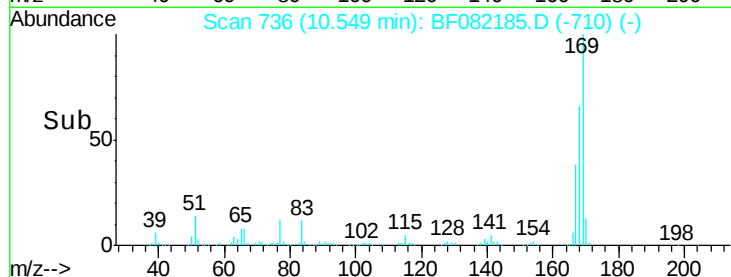
#65
 n-Nitrosodiphenylamine
 Concen: 40.39 ng
 RT: 10.55 min Scan# 736
 Delta R.T. -0.00 min
 Lab File: BF082185.D
 Acq: 10 Oct 2015 19:39

Instrument :
 BNA_F
 ClientSampleId :
 A13COMPMSD

Tot Ion	Ratio	Lower	Upper
169	100		
168	66.6	54.0	81.0
167	37.5	29.6	44.4

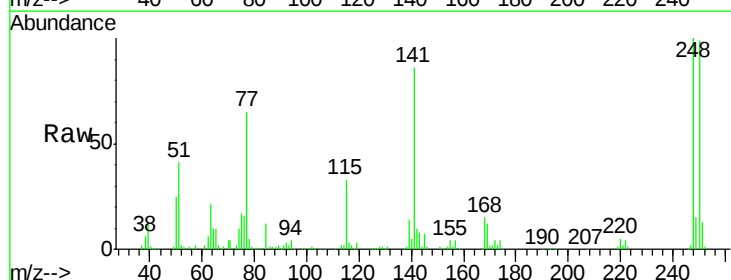


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

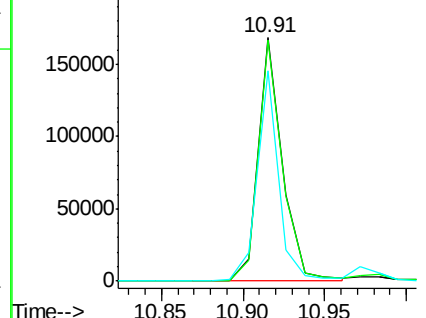
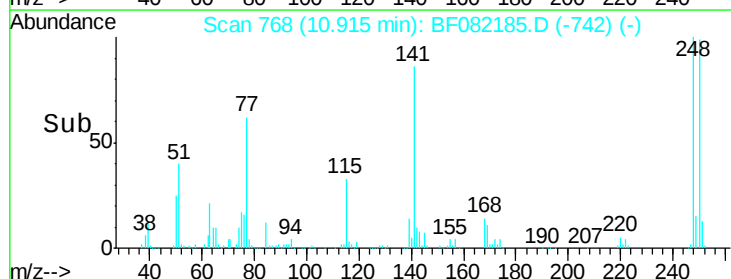


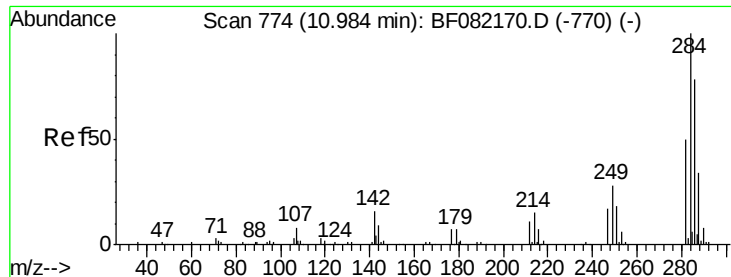
#66
 4-Bromophenyl-phenylether
 Concen: 45.79 ng
 RT: 10.91 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: BF082185.D
 Acq: 10 Oct 2015 19:39

Tgt Ion	Ratio	Lower	Upper
248	100		
250	99.1	78.6	117.8
141	86.2	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

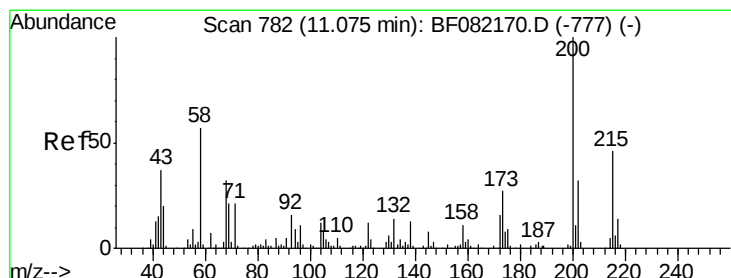
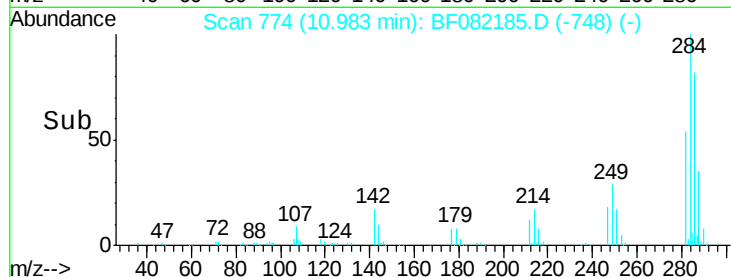
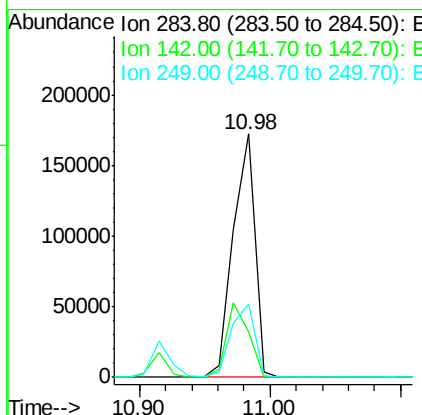
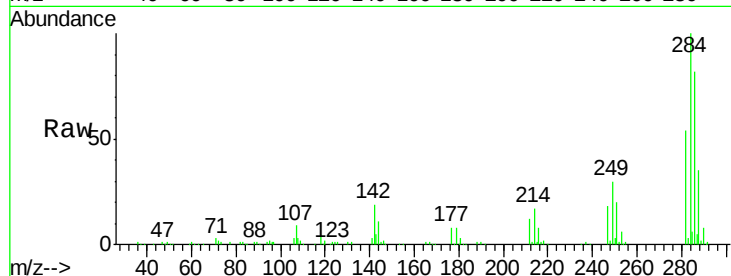




#67
Hexachlorobenzene
Concen: 48.41 ng
RT: 10.98 min Scan# 774
Delta R.T. -0.00 min
Lab File: BF082185.D
Acq: 10 Oct 2015 19:39

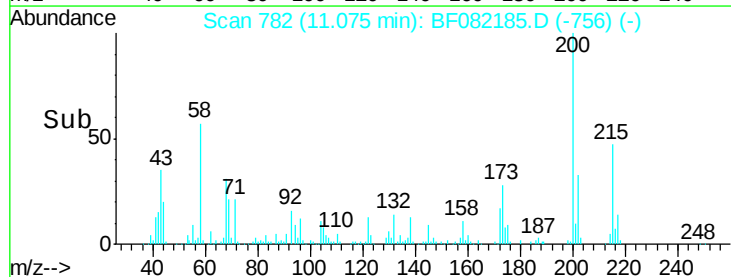
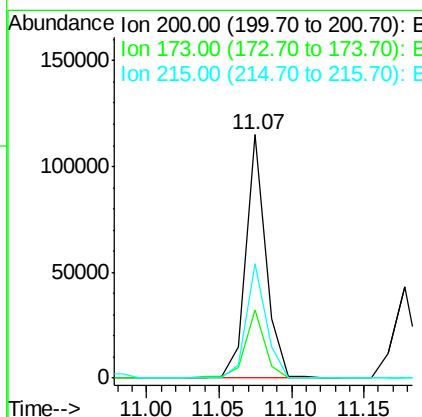
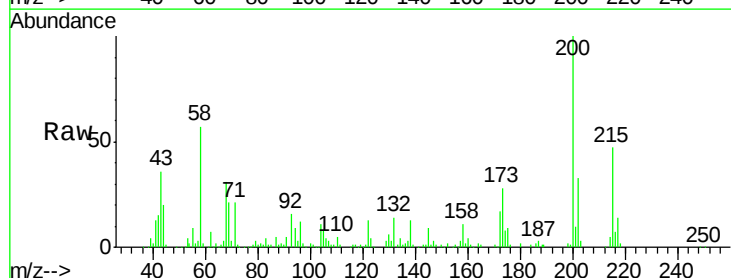
Instrument :
BNA_F
ClientSampleId :
A13COMPMSD

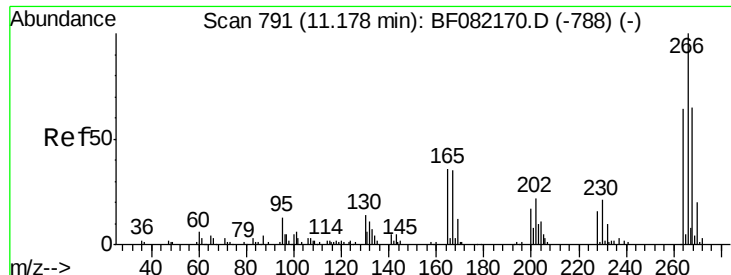
Tot Ion	Ratio	Lower	Upper
284	100		
142	18.7	13.0	19.6
249	30.4	22.5	33.7



#68
Atrazine
Concen: 30.47 ng
RT: 11.07 min Scan# 782
Delta R.T. -0.00 min
Lab File: BF082185.D
Acq: 10 Oct 2015 19:39

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.3	7.3	47.3
215	47.1	26.2	66.2

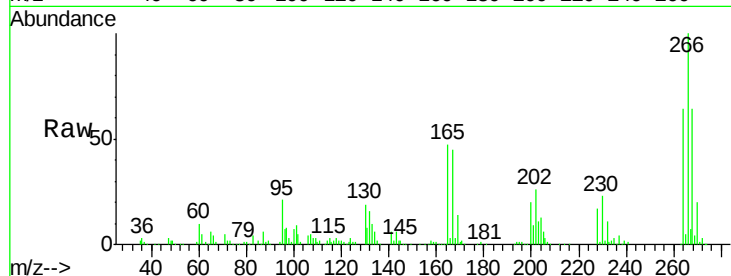




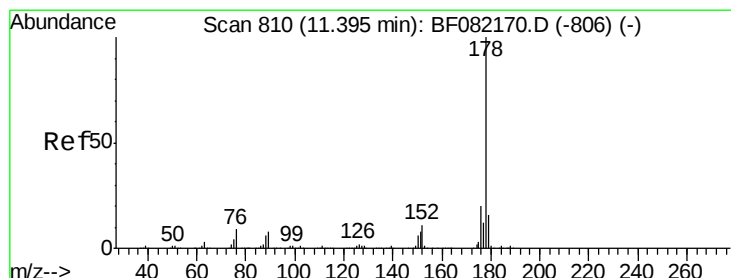
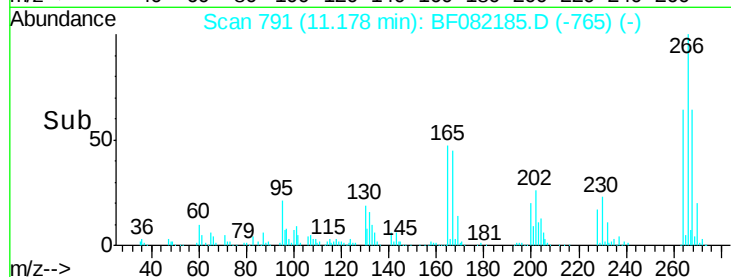
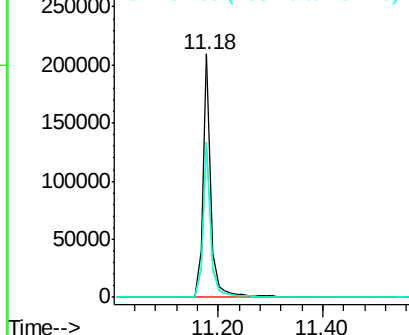
#69
 Pentachlorophenol
 Concen: 104.62 ng
 RT: 11.18 min Scan# 791
 Delta R.T. -0.00 min
 Lab File: BF082185.D
 Acq: 10 Oct 2015 19:39

Instrument :
 BNA_F
 ClientSampleId :
 A13COMPMSD

Tot Ion:266 Resp: 221635
 Ion Ratio Lower Upper
 266 100
 268 63.7 52.0 78.0
 264 64.0 51.4 77.0

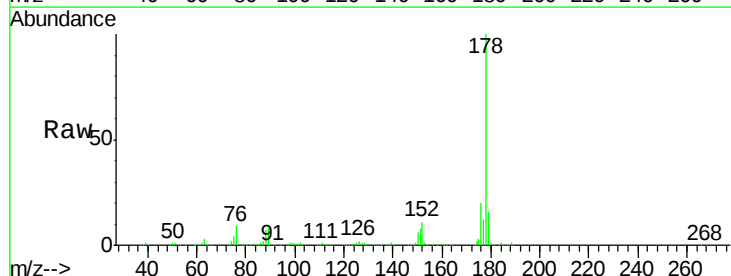


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

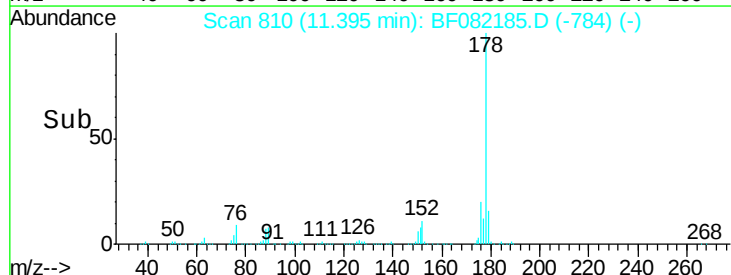
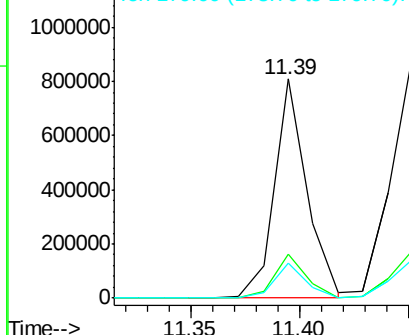


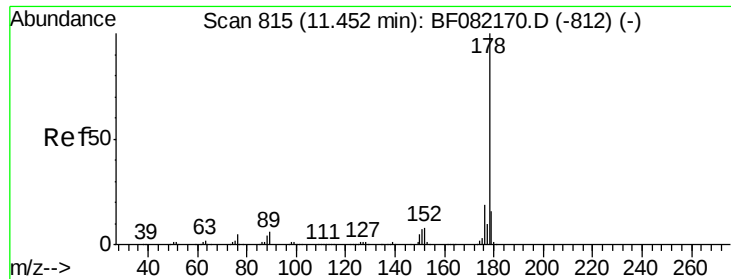
#70
 Phenanthrene
 Concen: 45.23 ng
 RT: 11.39 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF082185.D
 Acq: 10 Oct 2015 19:39

Tgt Ion:178 Resp: 843254
 Ion Ratio Lower Upper
 178 100
 176 20.2 16.0 24.0
 179 15.9 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: 51.47 ng

RT: 11.45 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF082185.D

Acq: 10 Oct 2015 19:39

Instrument :

BNA_F

ClientSampleId :

A13COMPMSD

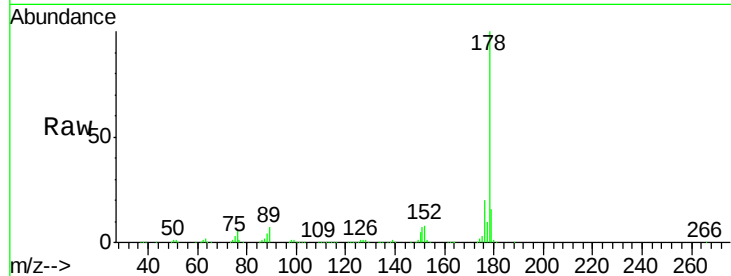
Tot Ion:178 Resp: 988761

Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.0

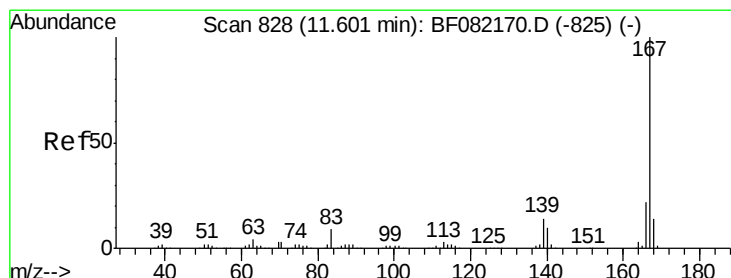
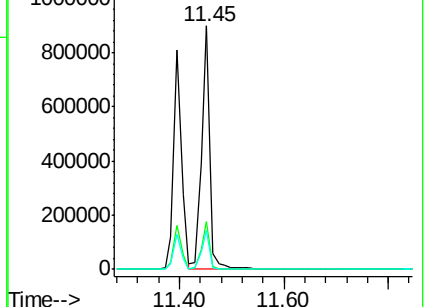
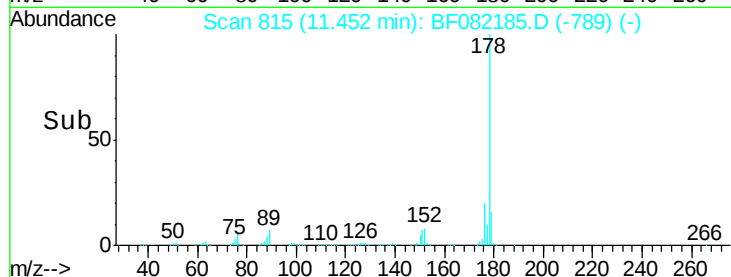
179 15.8 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 41.34 ng

RT: 11.60 min Scan# 828

Delta R.T. -0.00 min

Lab File: BF082185.D

Acq: 10 Oct 2015 19:39

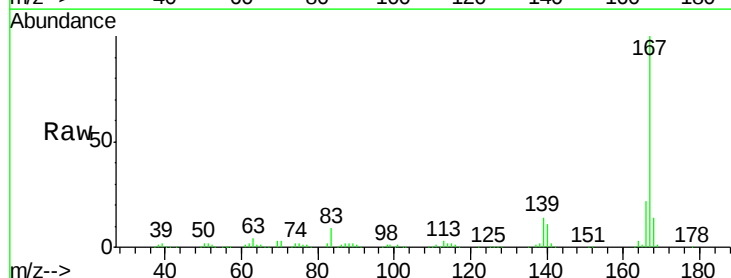
Tgt Ion:167 Resp: 724462

Ion Ratio Lower Upper

167 100

166 21.8 17.3 25.9

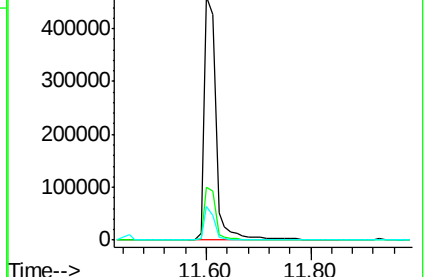
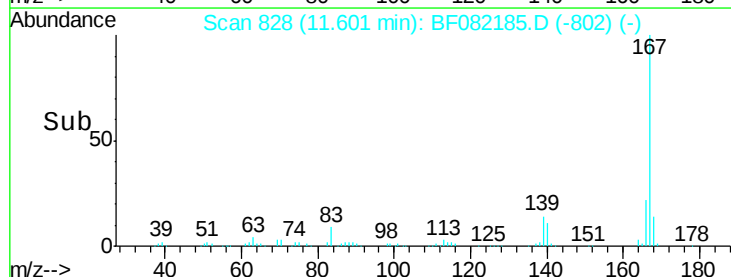
139 13.8 11.2 16.8

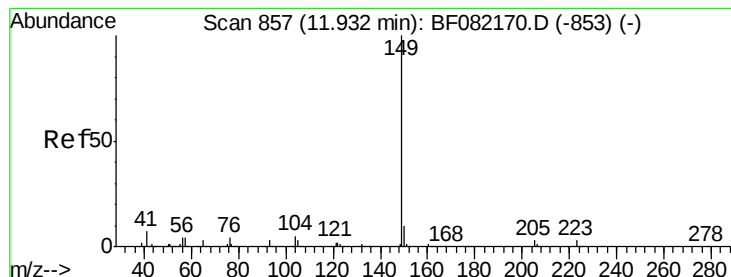


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 46.57 ng

RT: 11.93 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF082185.D

Acq: 10 Oct 2015 19:39

Instrument :

BNA_F

ClientSampleId :

A13COMPMSD

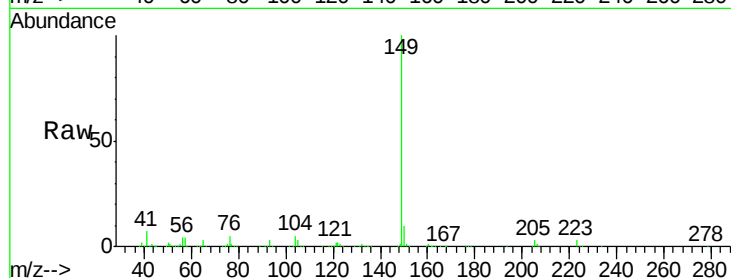
Tot Ion:149 Resp: 1006890

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

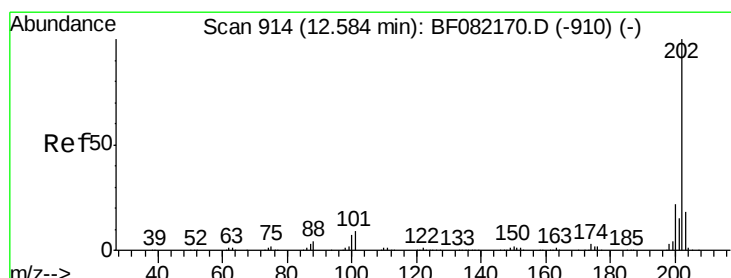
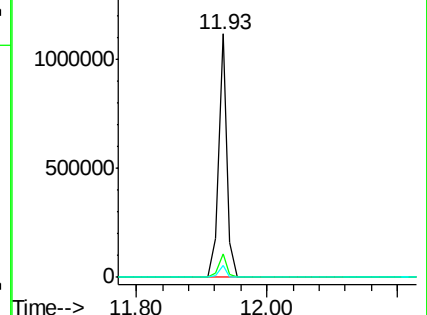
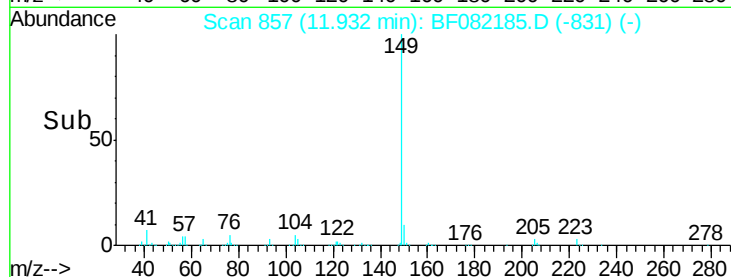
104 4.9 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 45.98 ng

RT: 12.58 min Scan# 914

Delta R.T. -0.00 min

Lab File: BF082185.D

Acq: 10 Oct 2015 19:39

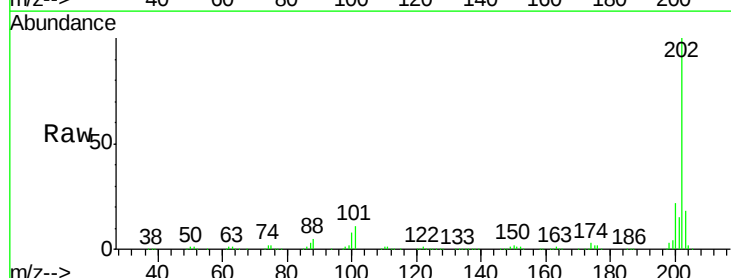
Tgt Ion:202 Resp: 920714

Ion Ratio Lower Upper

202 100

101 10.8 0.0 29.3

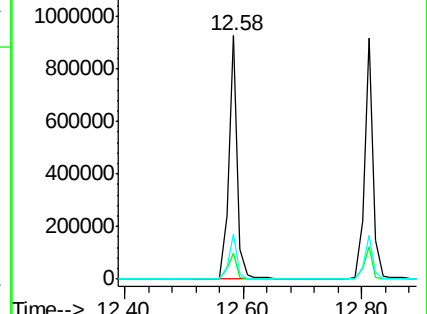
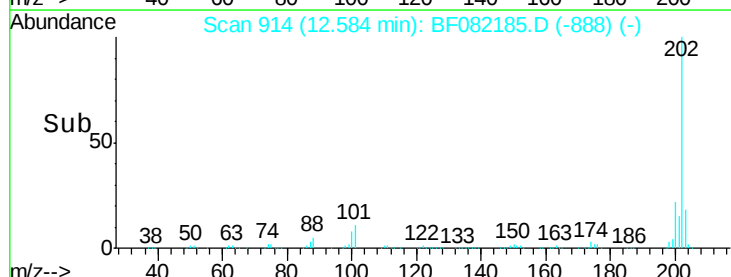
203 18.5 0.0 37.8

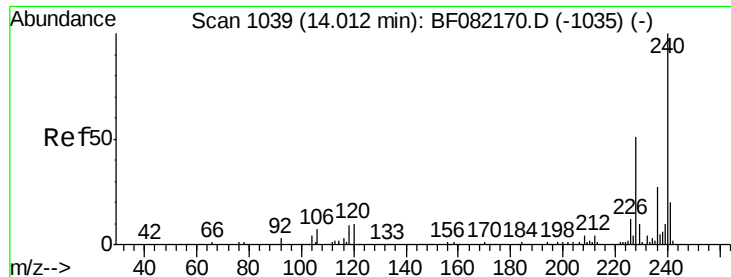


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

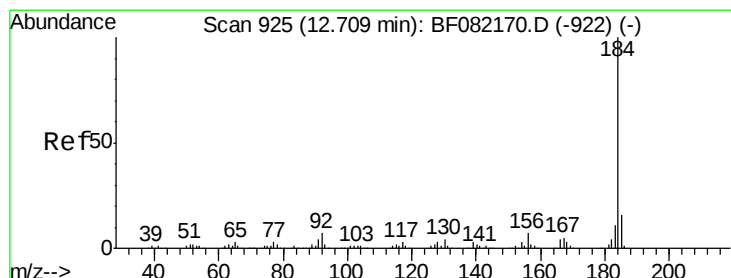
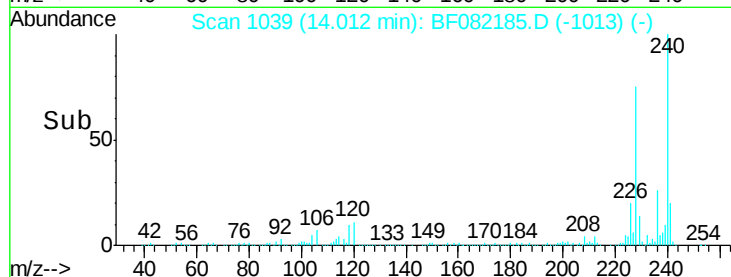
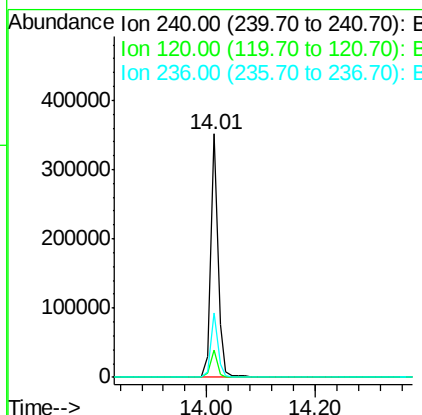
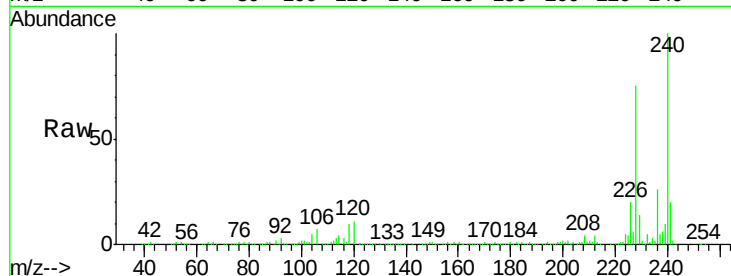




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BF082185.D
Acq: 10 Oct 2015 19:39

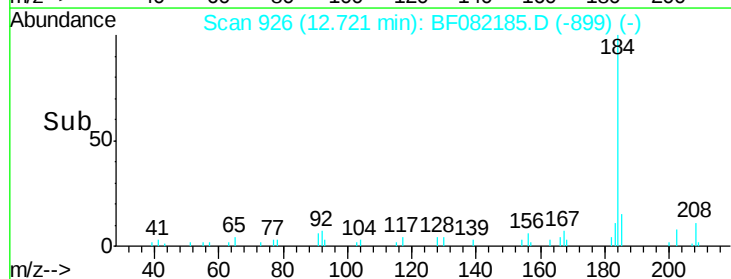
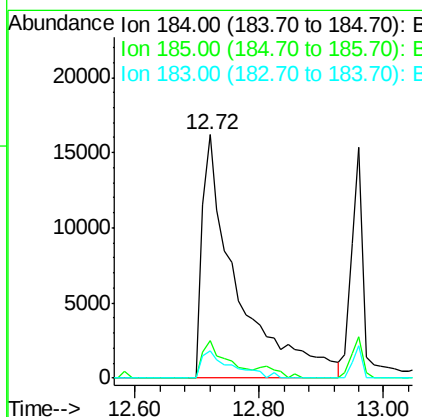
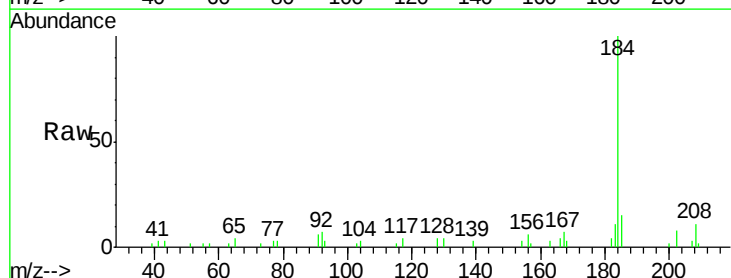
Instrument :
BNA_F
ClientSampleId :
A13COMPMSD

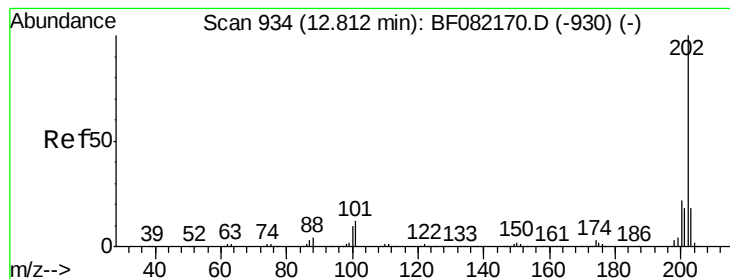
Tot Ion:240 Resp: 331545
Ion Ratio Lower Upper
240 100
120 11.1 8.1 12.1
236 26.3 21.3 31.9



#76
Benzidine
Concen: 6.54 ng
RT: 12.72 min Scan# 926
Delta R.T. 0.01 min
Lab File: BF082185.D
Acq: 10 Oct 2015 19:39

Tgt Ion:184 Resp: 62798
Ion Ratio Lower Upper
184 100
185 15.2 12.5 18.7
183 11.0 9.1 13.7





#77

Pvrene

Concen: 46.18 ng

RT: 12.81 min Scan# 934

Delta R.T. -0.00 min

Lab File: BF082185.D

Acq: 10 Oct 2015 19:39

Instrument :

BNA_F

ClientSampleId :

A13COMPMSD

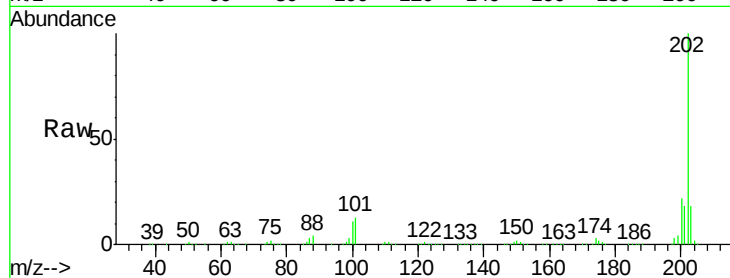
Tot Ion:202 Resp: 908569

Ion Ratio Lower Upper

202 100

200 22.3 17.9 26.9

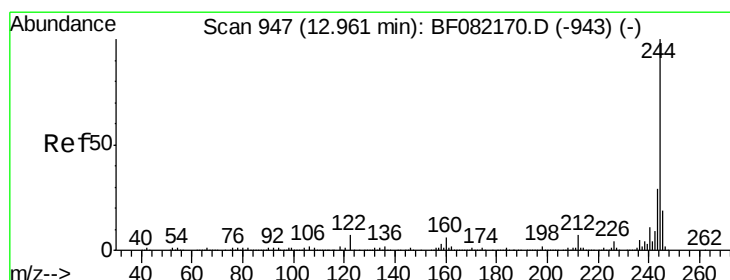
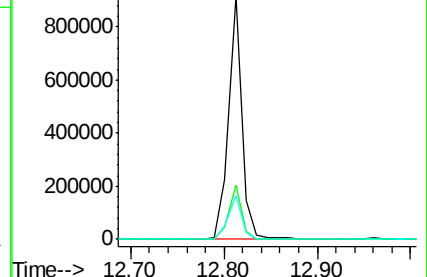
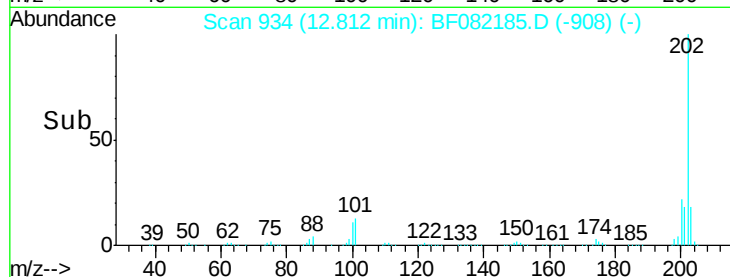
203 18.3 14.5 21.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 97.63 ng

RT: 12.96 min Scan# 947

Delta R.T. -0.00 min

Lab File: BF082185.D

Acq: 10 Oct 2015 19:39

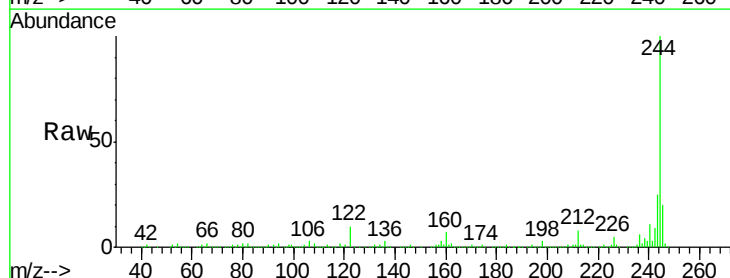
Tgt Ion:244 Resp: 1221446

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.6

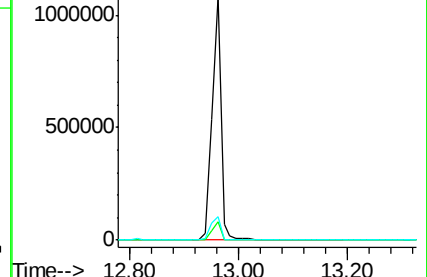
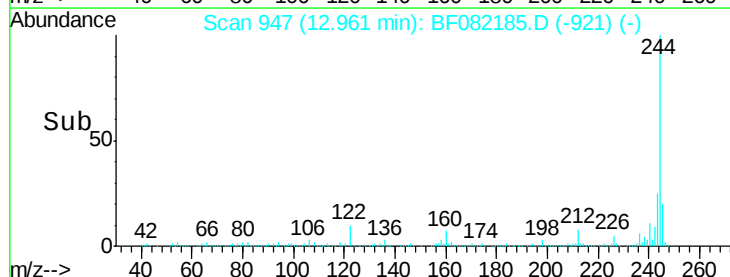
122 9.6 5.9 8.9#

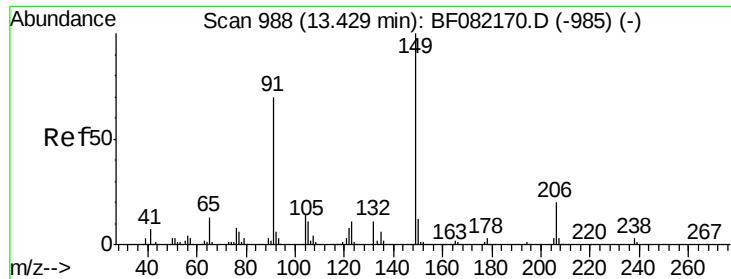


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

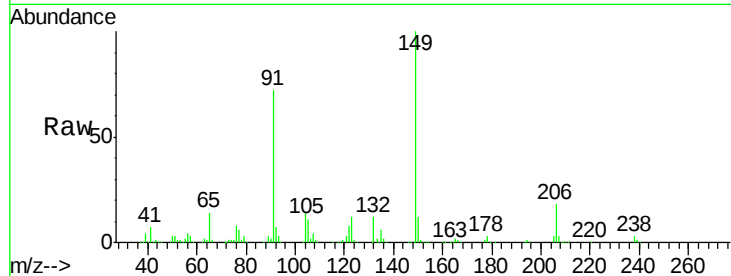




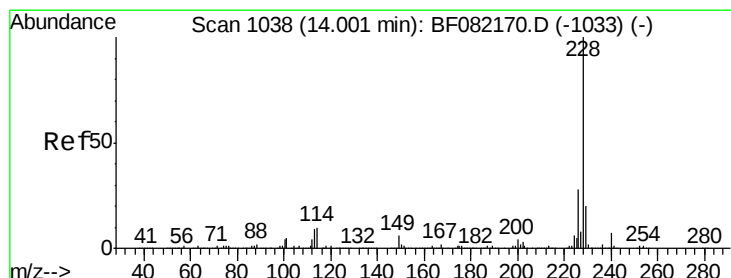
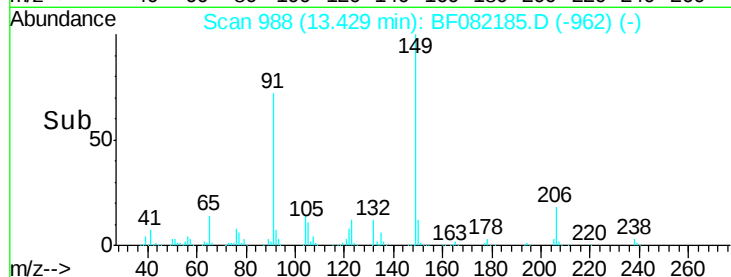
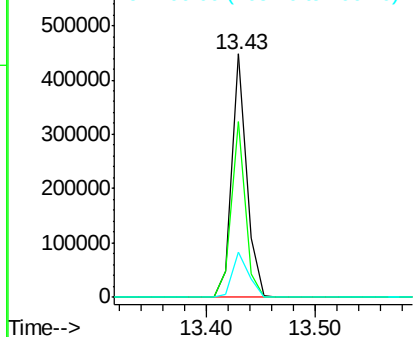
#79
Butylbenzylphthalate
Concen: 46.77 ng
RT: 13.43 min Scan# 988
Delta R.T. -0.00 min
Lab File: BF082185.D
Acq: 10 Oct 2015 19:39

Instrument :
BNA_F
ClientSampleId :
A13COMPMSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	72.2	55.7	83.5
206	18.4	15.6	23.4

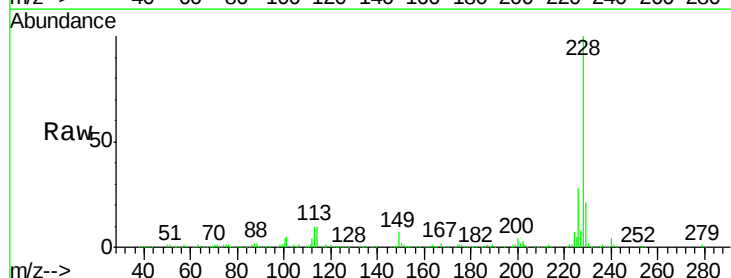


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

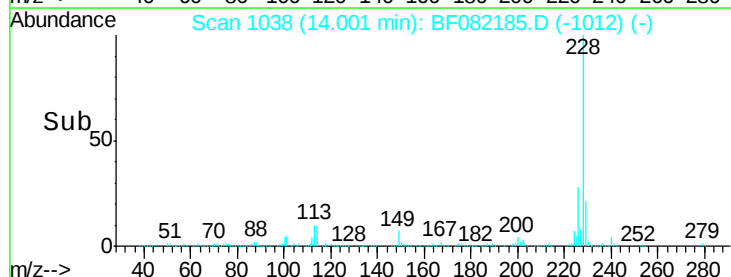
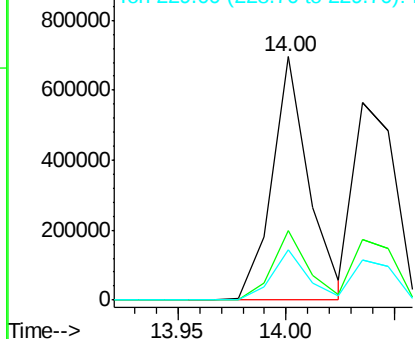


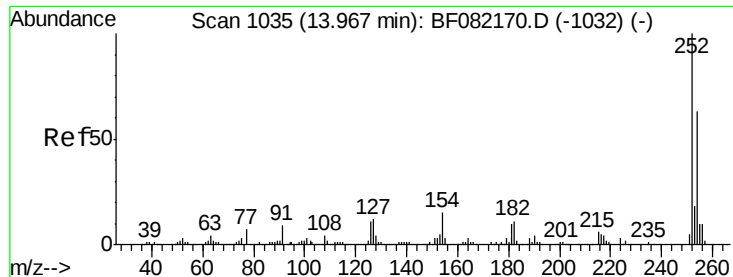
#80
Benzo(a)anthracene
Concen: 47.70 ng
RT: 14.00 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BF082185.D
Acq: 10 Oct 2015 19:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.3	33.5
229	20.6	16.2	24.2



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

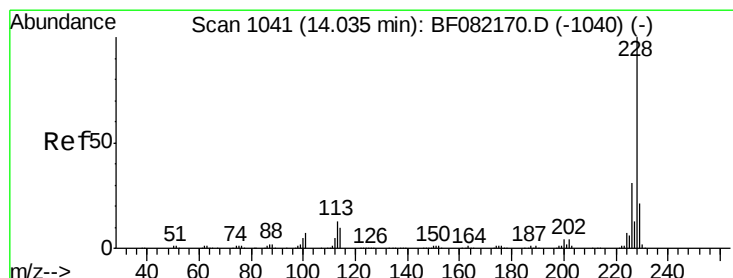
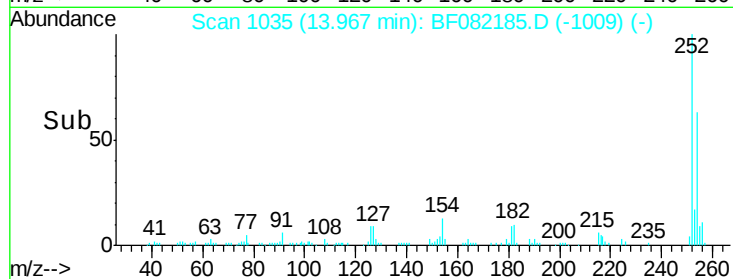
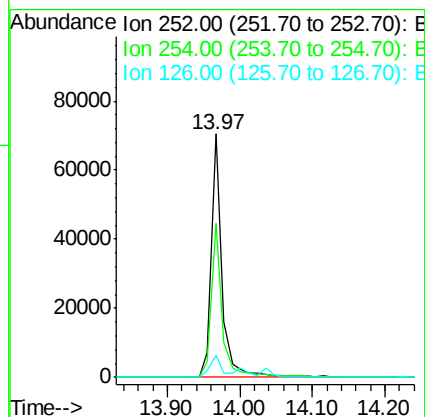
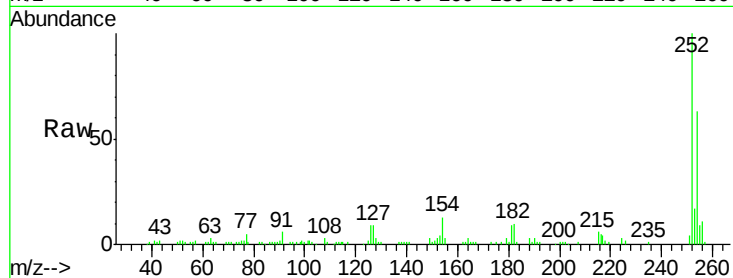




#81
 3,3'-Dichlorobenzidine
 Concen: 11.23 ng
 RT: 13.97 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BF082185.D
 Acq: 10 Oct 2015 19:39

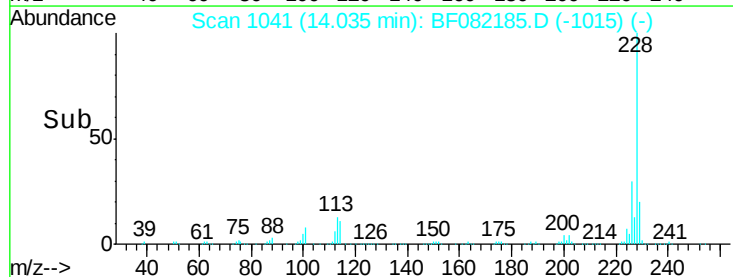
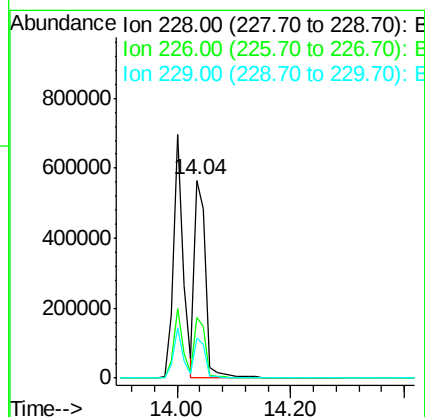
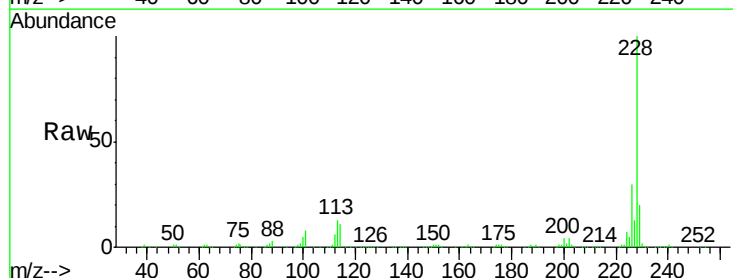
Instrument :
 BNA_F
 ClientSampleId :
 A13COMPMSD

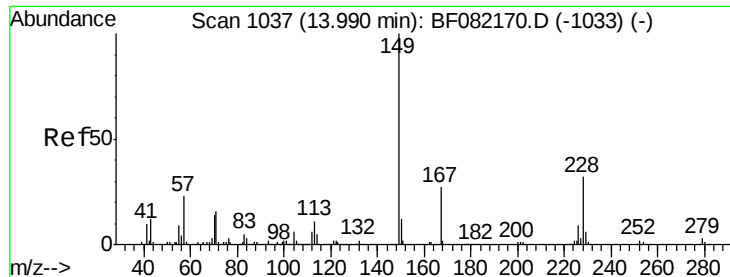
Tot Ion:252 Resp: 73533
 Ion Ratio Lower Upper
 252 100
 254 63.3 50.7 76.1
 126 9.2 9.0 13.6



#82
 Chrysene
 Concen: 43.30 ng
 RT: 14.04 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BF082185.D
 Acq: 10 Oct 2015 19:39

Tgt Ion:228 Resp: 787064
 Ion Ratio Lower Upper
 228 100
 226 30.4 24.4 36.6
 229 20.4 16.3 24.5

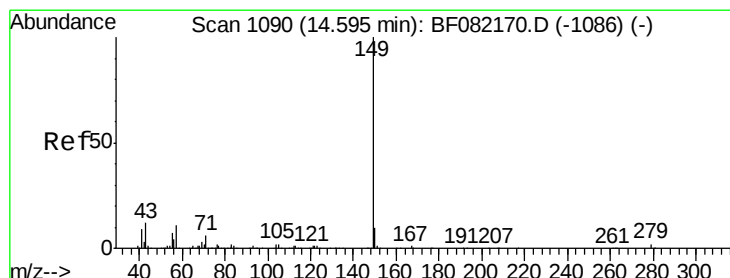
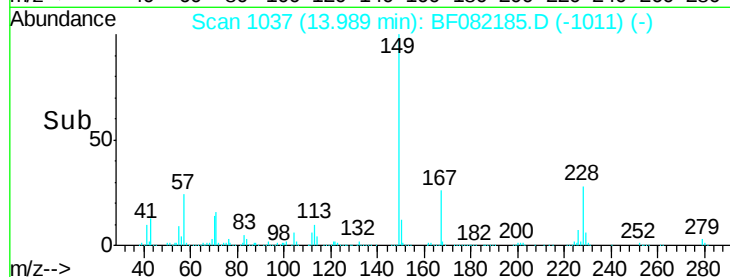
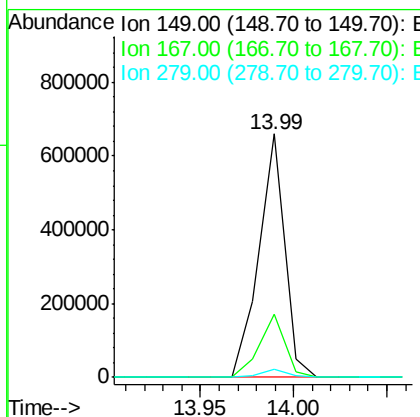
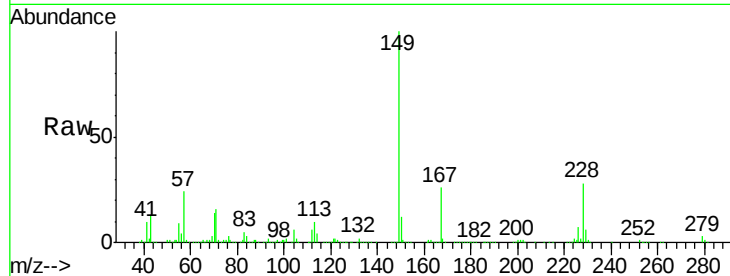




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.30 ng
 RT: 13.99 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: BF082185.D
 Acq: 10 Oct 2015 19:39

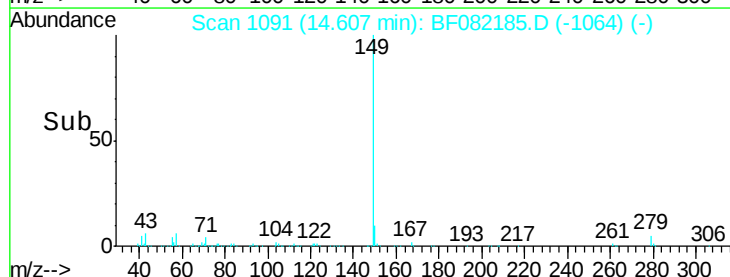
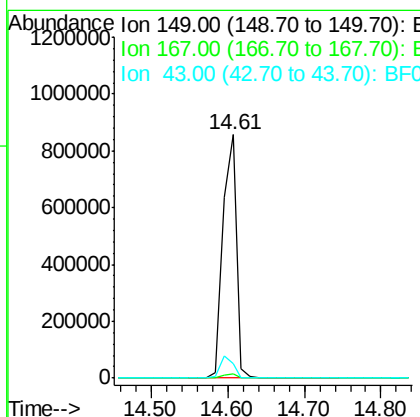
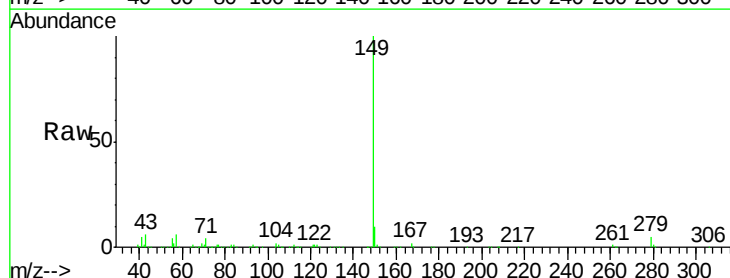
Instrument :
 BNA_F
 ClientSampleId :
 A13COMPMSD

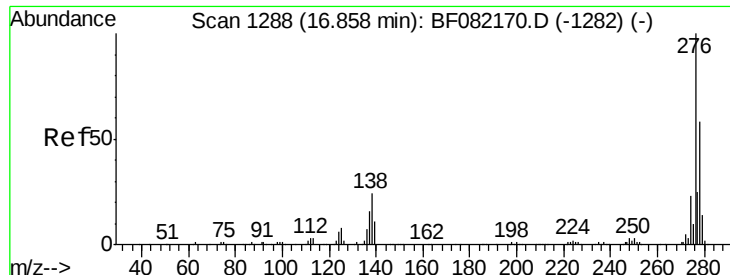
Tot Ion:149 Resp: 631587
 Ion Ratio Lower Upper
 149 100
 167 26.2 21.3 31.9
 279 3.2 2.6 4.0



#84
 Di-n-octyl phthalate
 Concen: 48.55 ng
 RT: 14.61 min Scan# 1091
 Delta R.T. 0.01 min
 Lab File: BF082185.D
 Acq: 10 Oct 2015 19:39

Tgt Ion:149 Resp: 1068214
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 8.9 7.4 11.2

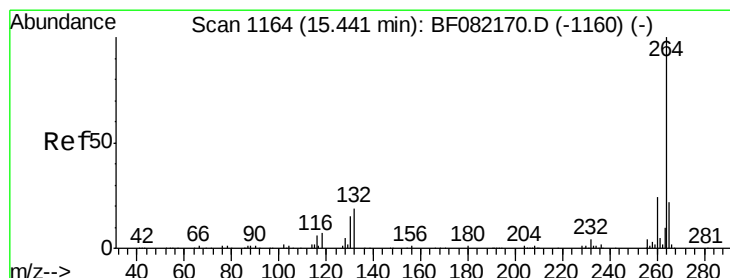
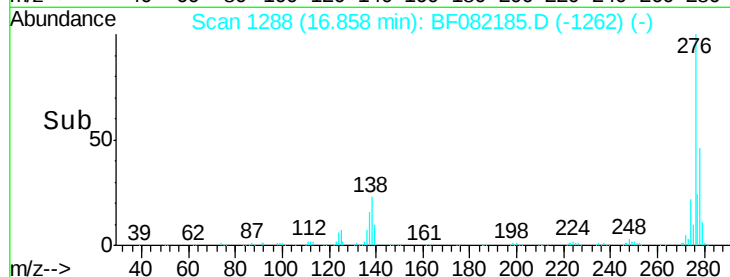
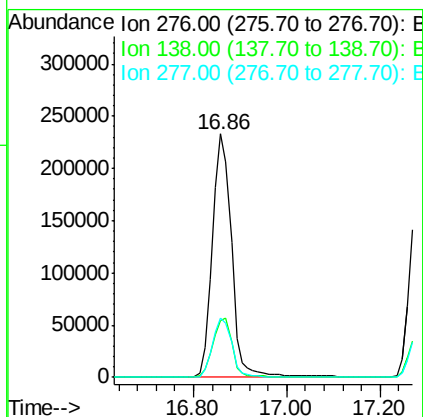
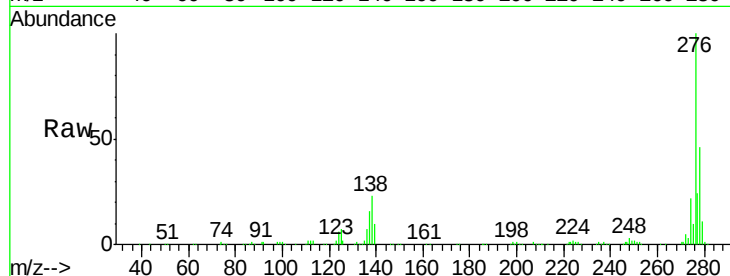




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.40 ng
 RT: 16.86 min Scan# 1288
 Delta R.T. -0.00 min
 Lab File: BF082185.D
 Acq: 10 Oct 2015 19:39

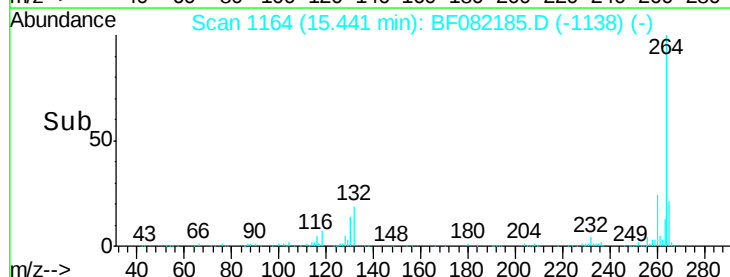
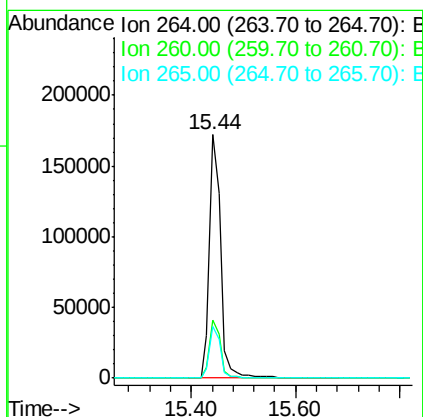
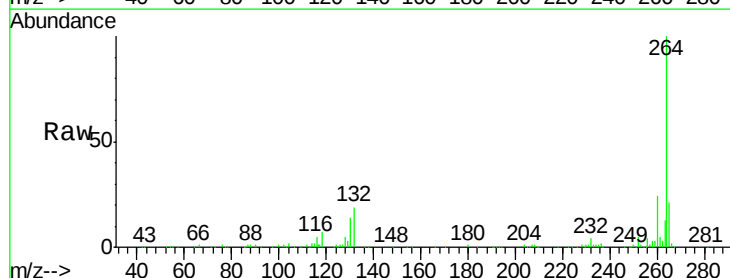
Instrument :
 BNA_F
 ClientSampleId :
 A13COMPMSD

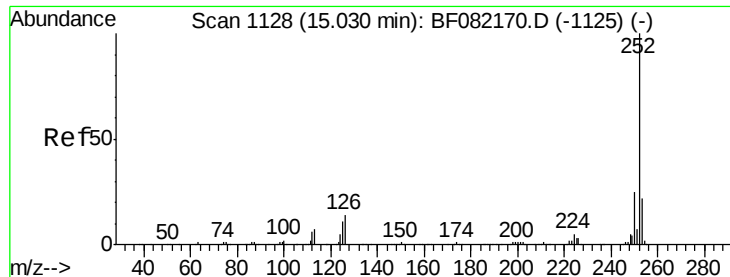
Tot Ion	Ratio	Lower	Upper
276	100		
138	24.8	19.7	29.5
277	24.6	20.1	30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1164
 Delta R.T. -0.00 min
 Lab File: BF082185.D
 Acq: 10 Oct 2015 19:39

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.0	28.6
265	21.3	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 53.41 ng

RT: 15.03 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BF082185.D

Acq: 10 Oct 2015 19:39

Instrument :

BNA_F

ClientSampleId :

A13COMPMSD

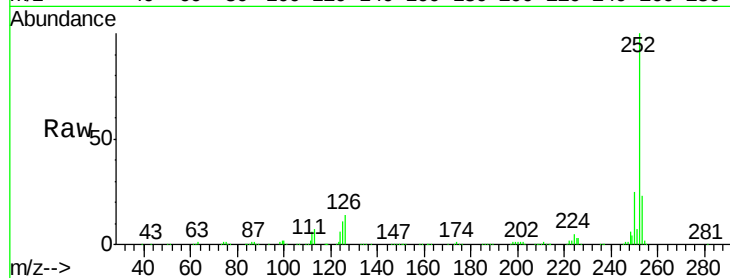
Tot Ion:252 Resp: 840045

Ion Ratio Lower Upper

252 100

253 22.8 18.0 27.0

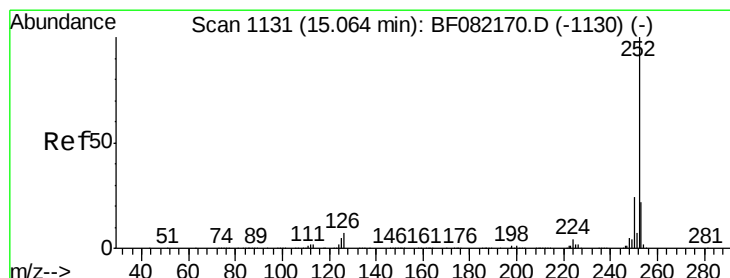
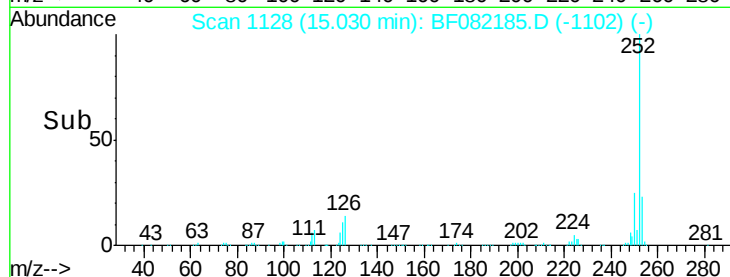
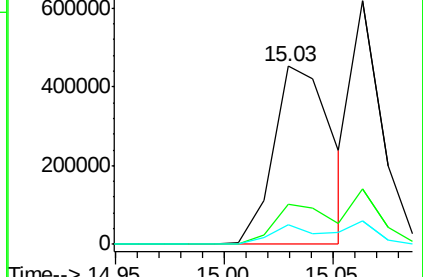
125 10.9 8.6 12.8



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: 63.54 ng

RT: 15.03 min Scan# 1128

Delta R.T. -0.03 min

Lab File: BF082185.D

Acq: 10 Oct 2015 19:39

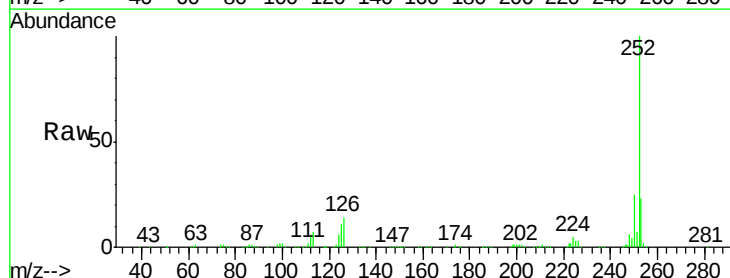
Tgt Ion:252 Resp: 840045

Ion Ratio Lower Upper

252 100

253 22.8 17.8 26.6

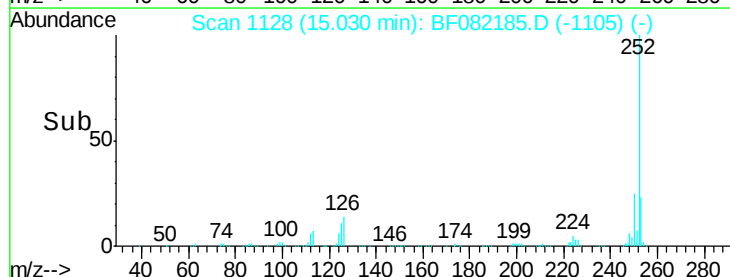
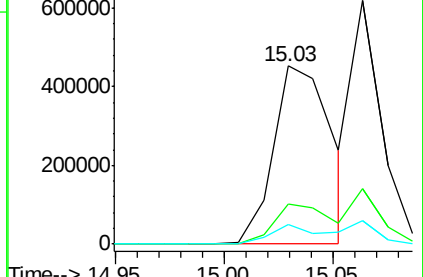
125 10.9 6.7 10.1#

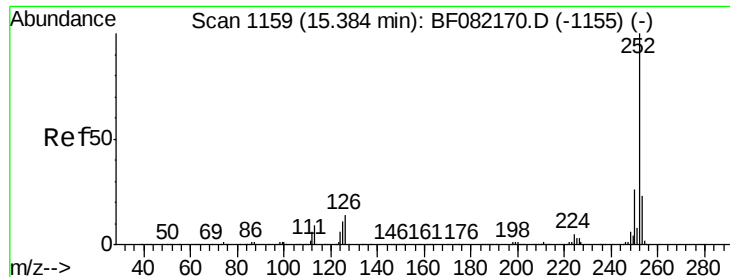


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

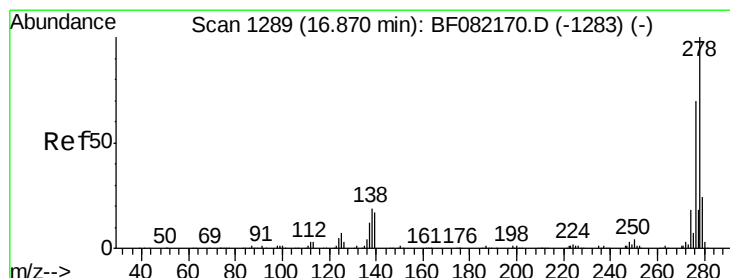
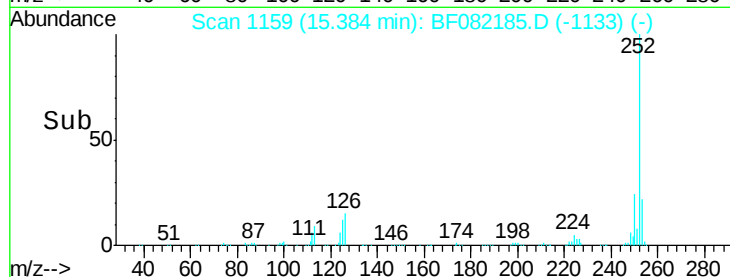
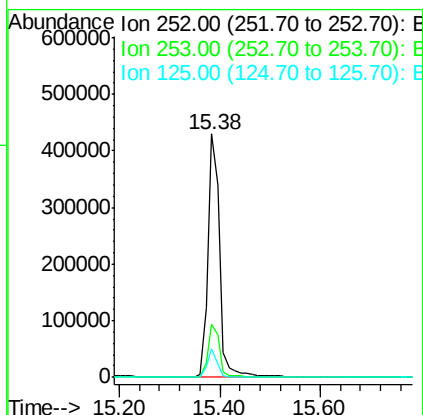
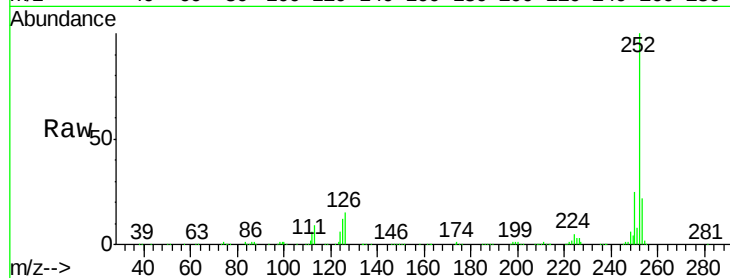




#89
Benzo(a)pyrene
Concen: 50.67 ng
RT: 15.38 min Scan# 1159
Delta R.T. -0.00 min
Lab File: BF082185.D
Acq: 10 Oct 2015 19:39

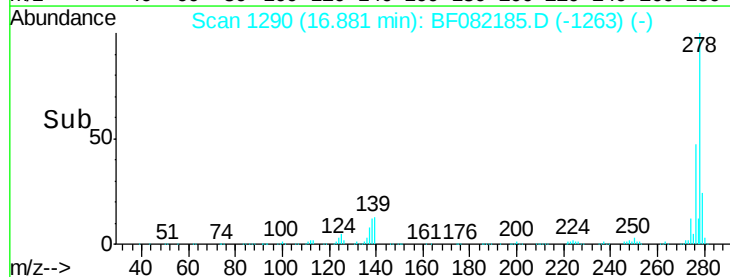
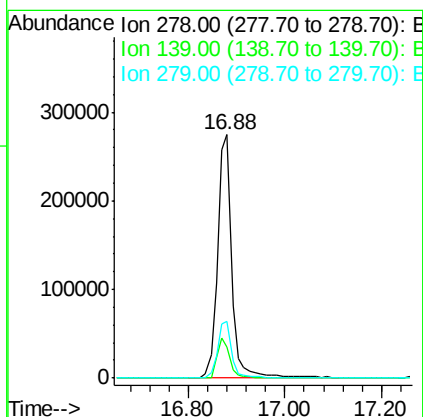
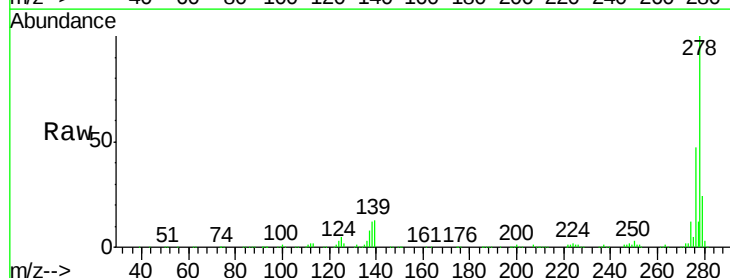
Instrument :
BNA_F
ClientSampleId :
A13COMPMSD

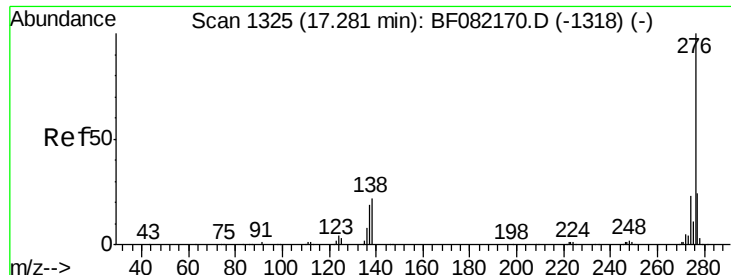
Tot Ion:252 Resp: 684933
Ion Ratio Lower Upper
252 100
253 21.9 18.2 27.2
125 11.6 8.9 13.3



#90
Dibenzo(a,h)anthracene
Concen: 51.48 ng
RT: 16.88 min Scan# 1290
Delta R.T. 0.01 min
Lab File: BF082185.D
Acq: 10 Oct 2015 19:39

Tgt Ion:278 Resp: 570265
Ion Ratio Lower Upper
278 100
139 13.0 13.3 19.9#
279 23.6 18.9 28.3





#91
 Benzo(a,h,i)perylene
 Concen: 50.13 ng
 RT: 17.28 min Scan# 1325
 Delta R.T. -0.00 min
 Lab File: BF082185.D
 Acq: 10 Oct 2015 19:39

Instrument :
 BNA_F
 ClientSampleId :
 A13COMPMSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.8	28.2
138	23.0	17.4	26.2

