

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102215\
 Data File : BF082461.D
 Acq On : 22 Oct 2015 22:56
 Operator : UM/IZ
 Sample : G4119-06MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB15-17-10-10.5MS

Quant Time: Oct 23 01:43:13 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 23 01:26:32 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	89926	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	346152	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	158353	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	254639	20.00	ng	-0.01
75) Chrysene-d12	13.97	240	217306	20.00	ng	-0.03
86) Perylene-d12	15.45	264	180077	20.00	ng	-0.08

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	563546	126.48	ng	0.01
7) Phenol-d6	6.42	99	664676	114.63	ng	0.00
23) Nitrobenzene-d5	7.34	82	421486	81.77	ng	-0.01
41) 2,4,6-Tribromophenol	10.61	330	132826	89.44	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	787976	82.52	ng	-0.01
78) Terphenyl-d14	12.89	244	626877	76.44	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.33	88	69745	31.15	ng	97
3) Pyridine	3.03	79	175120	33.63	ng	98
4) n-Nitrosodimethylamine	2.99	42	85000	38.49	ng	91
6) Aniline	6.42	93	205196	27.45	ng	# 73
8) 2-Chlorophenol	6.55	128	201954	37.13	ng	# 76
9) Benzaldehyde	6.31	77	92799	31.34	ng	99
10) Phenol	6.43	94	258900	38.73	ng	89
11) bis(2-Chloroethyl)ether	6.50	93	194493	34.40	ng	95
12) 1,3-Dichlorobenzene	6.70	146	235399	37.16	ng	96
13) 1,4-Dichlorobenzene	6.78	146	244639	36.98	ng	96
14) 1,2-Dichlorobenzene	6.78	146	244639	38.94	ng	95
15) Benzyl Alcohol	6.91	79	163031	40.73	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.05	45	297135	37.74	ng	65
17) 2-Methylphenol	7.04	107	169443	39.39	ng	# 92
18) Hexachloroethane	7.27	117	75077	33.16	ng	96
19) n-Nitroso-di-n-propylamine	7.19	70	156942	38.54	ng	# 91
20) 3+4-Methylphenols	7.20	107	218713	42.67	ng	# 59
22) Acetophenone	7.18	105	286443	41.83	ng	# 89
24) Nitrobenzene	7.36	77	220761	39.57	ng	# 88
25) Isophorone	7.60	82	392862	37.76	ng	# 92
26) 2-Nitrophenol	7.67	139	106505	38.23	ng	# 79
27) 2,4-Dimethylphenol	7.73	122	192068	42.79	ng	95
28) bis(2-Chloroethoxy)methane	7.81	93	226775	37.46	ng	# 97
29) 2,4-Dichlorophenol	7.92	162	181864	40.53	ng	92
30) 1,2,4-Trichlorobenzene	8.00	180	194124	37.54	ng	96
31) Naphthalene	8.08	128	581224	38.74	ng	99
32) Benzoic acid	7.84	122	56142	18.64	ng	97
33) 4-Chloroaniline	8.14	127	139583	22.40	ng	95
34) Hexachlorobutadiene	8.19	225	109243	33.90	ng	97
35) Caprolactam	8.50	113	51311	39.40	ng	# 84
36) 4-Chloro-3-methylphenol	8.63	107	172229	39.25	ng	95
37) 2-Methylnaphthalene	8.77	142	391420	37.63	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	201576	42.80	ng	96
40) Hexachlorocyclopentadiene	8.91	237	20463	16.00	ng	99

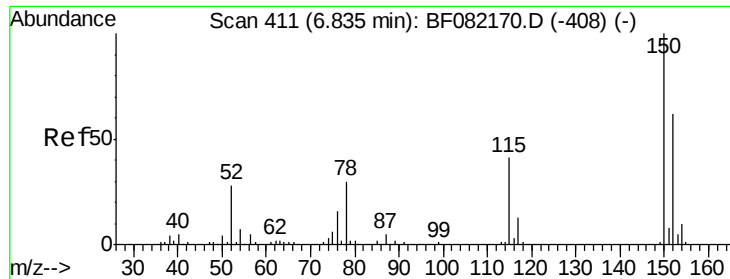
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102215\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	124937	39.94	ng	97
43) 2,4,5-Trichlorophenol	9.11	196	131452	38.79	ng	96
45) 1,1'-Biphenyl	9.23	154	504404	41.77	ng	98
46) 2-Chloronaphthalene	9.26	162	366794	38.59	ng	94
47) 2-Nitroaniline	9.36	65	105719	40.51	ng	98
48) Acenaphthylene	9.67	152	553261	37.36	ng	99
49) Dimethylphthalate	9.54	163	668805	59.98	ng	100
50) 2,6-Dinitrotoluene	9.61	165	104900	44.58	ng	87
51) Acenaphthene	9.84	154	335190	37.71	ng	99
52) 3-Nitroaniline	9.78	138	78403	29.50	ng	91
53) 2,4-Dinitrophenol	9.90	184	15779	17.44	ng	97
54) Dibenzofuran	10.01	168	495254	40.58	ng	95
55) 4-Nitrophenol	9.97	139	107410	63.70	ng	92
56) 2,4-Dinitrotoluene	10.01	165	125821	42.79	ng	95
57) Fluorene	10.37	166	392086	39.11	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.14	232	97558	35.23	ng	99
59) Diethylphthalate	10.24	149	449363	43.23	ng	99
60) 4-Chlorophenyl-phenylether	10.35	204	201753	43.94	ng	89
61) 4-Nitroaniline	10.39	138	85749	33.26	ng	92
62) Azobenzene	10.51	77	411681	40.47	ng	93
64) 4,6-Dinitro-2-methylphenol	10.42	198	18734	13.11	ng	93
65) n-Nitrosodiphenylamine	10.48	169	360944	47.34	ng	99
66) 4-Bromophenyl-phenylether	10.85	248	112032	43.96	ng	# 87
67) Hexachlorobenzene	10.90	284	105904	38.43	ng	# 69
68) Atrazine	11.01	200	107648	44.57	ng	99
69) Pentachlorophenol	11.11	266	100596	70.93	ng	97
70) Phenanthrene	11.33	178	538010	43.10	ng	99
71) Anthracene	11.37	178	525392	40.85	ng	99
72) Carbazole	11.53	167	449157	38.28	ng	100
73) Di-n-butylphthalate	11.86	149	621770	42.96	ng	100
74) Fluoranthene	12.52	202	514955	38.41	ng	98
76) Benzidine	12.64	184	272107	43.21	ng	98
77) Pyrene	12.74	202	524406	40.66	ng	98
79) Butylbenzylphthalate	13.37	149	235266	39.98	ng	86
80) Benzo(a)anthracene	13.96	228	436818	38.63	ng	99
81) 3,3'-Dichlorobenzidine	13.92	252	158135	36.85	ng	97
82) Chrysene	13.99	228	381006	31.98	ng	99
83) Bis(2-ethylhexyl)phthalate	13.94	149	322908	38.46	ng	# 97
84) Di-n-octyl phthalate	14.61	149	553430	38.38	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.85	276	318013	33.58	ng	97
87) Benzo(b)fluoranthene	15.08	252	786333	71.77	ng	99
88) Benzo(k)fluoranthene	15.08	252	786333	85.39	ng	99
89) Benzo(a)pyrene	15.40	252	360137	38.25	ng	98
90) Dibenzo(a,h)anthracene	16.86	278	275674	35.73	ng	98
91) Benzo(g,h,i)perylene	17.27	276	257085	34.30	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 405

Delta R.T. 0.00 min

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ClientSampleId :

SB15-17-10-10.5MS

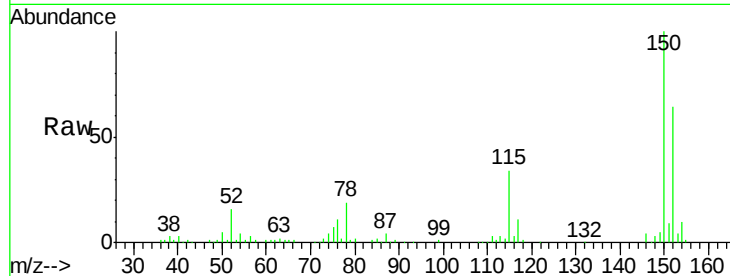
Tgt Ion:152 Resp: 89926

Ion Ratio Lower Upper

152 100

150 156.7 129.0 193.4

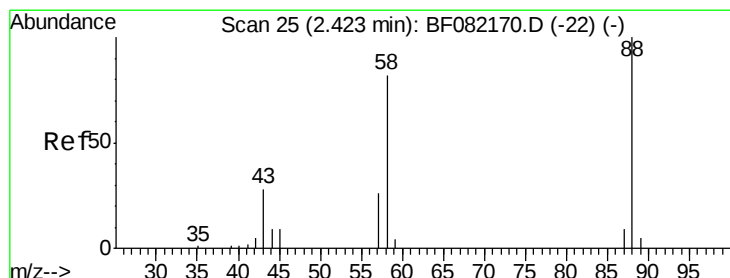
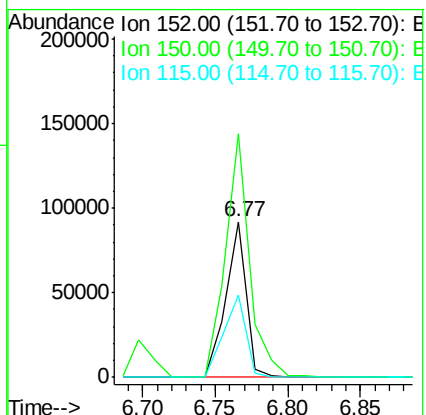
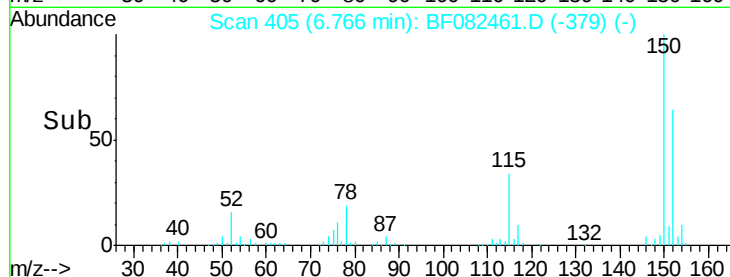
115 53.0 52.1 78.1



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: 31.15 ng

RT: 2.33 min Scan# 17

Delta R.T. 0.06 min

Lab File: BF082461.D

Acq: 22 Oct 2015 22:56

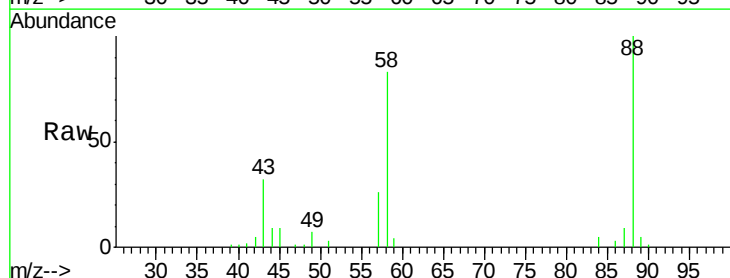
Tgt Ion: 88 Resp: 69745

Ion Ratio Lower Upper

88 100

58 81.8 66.2 99.4

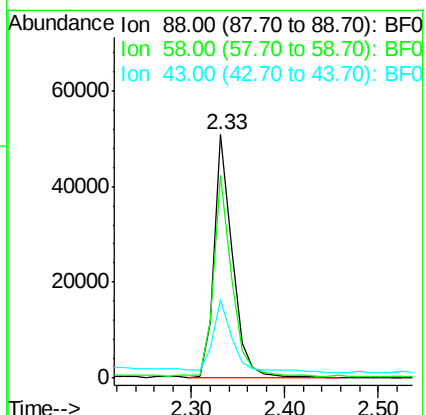
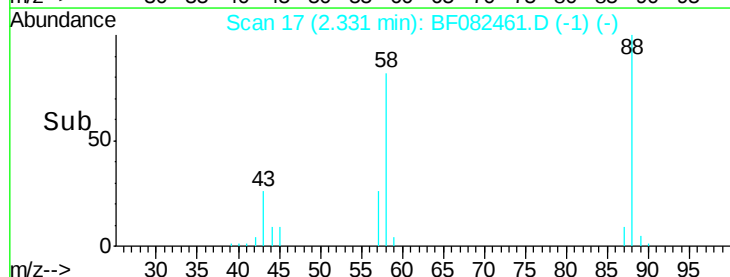
43 33.4 23.0 34.4

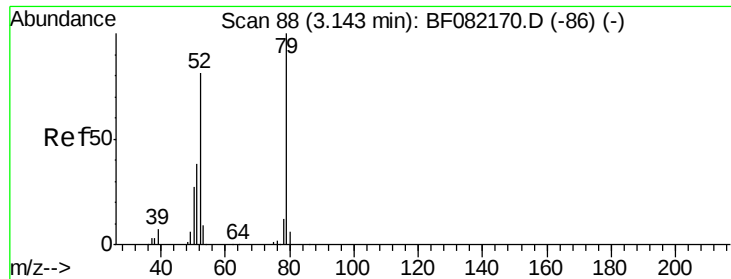


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

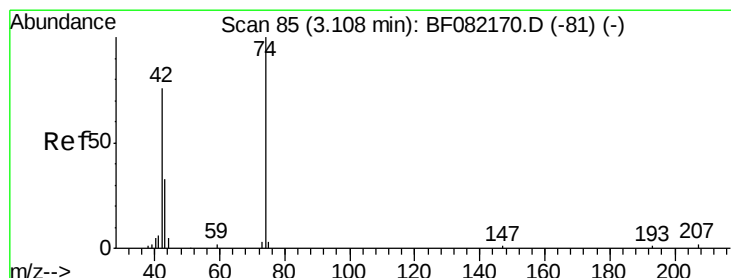
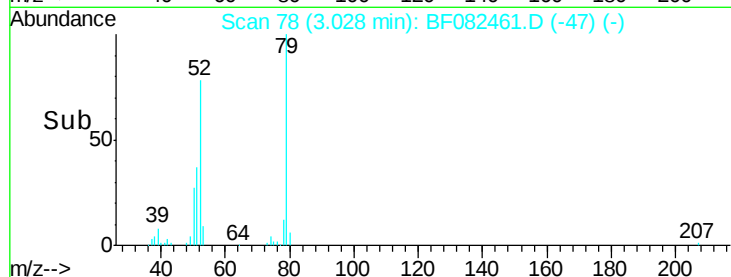
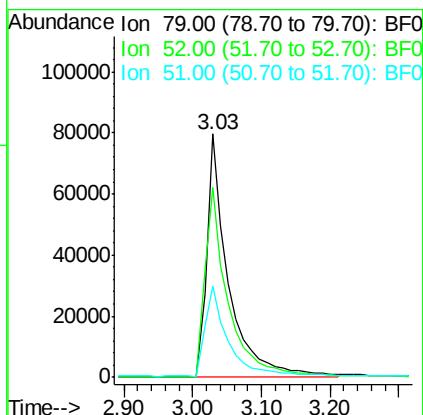
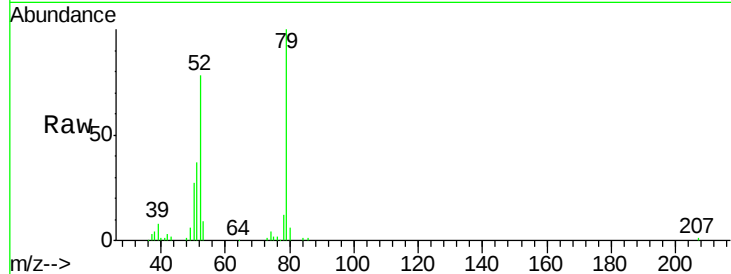




#3
 Pyridine
 Concen: 33.63 ng
 RT: 3.03 min Scan# 78
 Delta R.T. 0.06 min
 Lab File: BF082461.D
 Acq: 22 Oct 2015 22:56

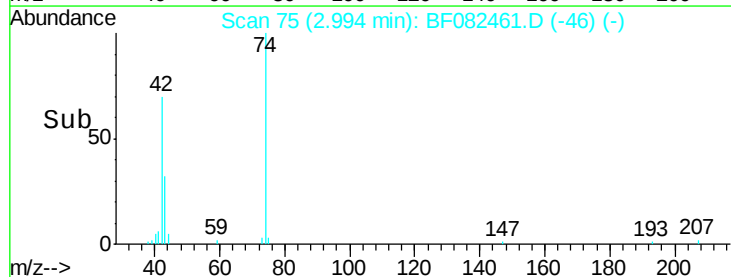
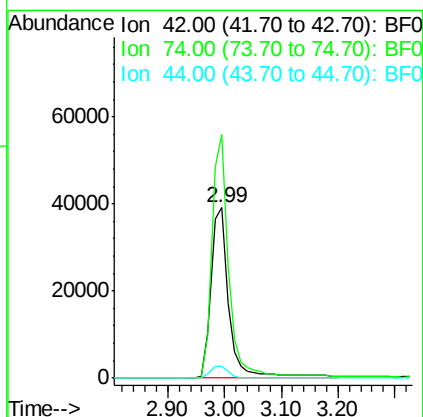
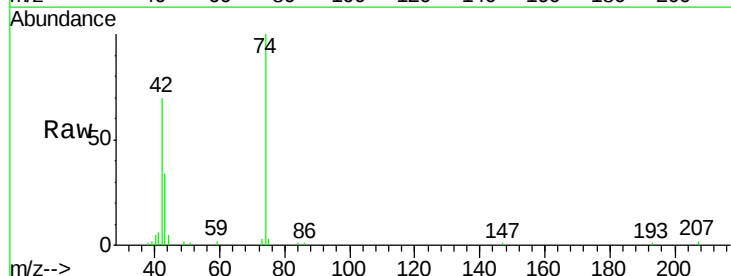
Instrument :
 BNA_F
 ClientSampleId :
 SB15-17-10-10.5MS

Tgt Ion: 79 Resp: 175120
 Ion Ratio Lower Upper
 79 100
 52 77.9 64.4 96.6
 51 37.3 30.5 45.7



#4
 n-Nitrosodimethylamine
 Concen: 38.49 ng
 RT: 2.99 min Scan# 75
 Delta R.T. 0.03 min
 Lab File: BF082461.D
 Acq: 22 Oct 2015 22:56

Tgt Ion: 42 Resp: 85000
 Ion Ratio Lower Upper
 42 100
 74 142.9 105.7 158.5
 44 7.4 5.4 8.2





#5

2-Fluorophenol

Concen: 126.48 ng

RT: 5.37 min Scan# 283

Delta R.T. 0.01 min

Lab File: BF082461.D

Acq: 22 Oct 2015 22:56

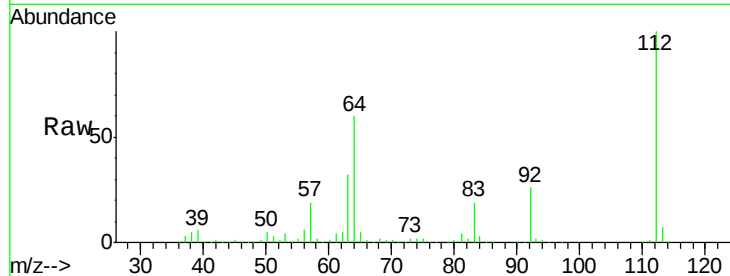
Instrument :

BNA_F

ClientSampleId :

SB15-17-10-10.5MS

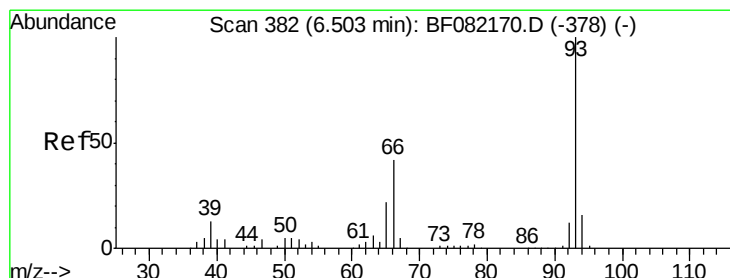
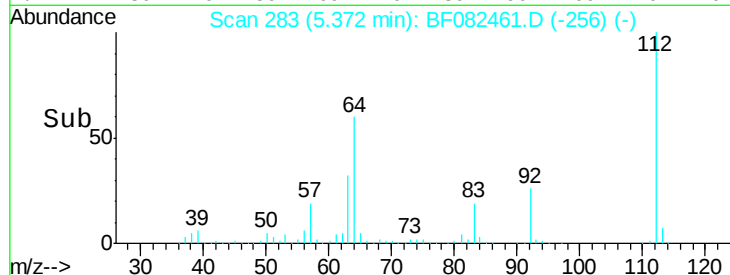
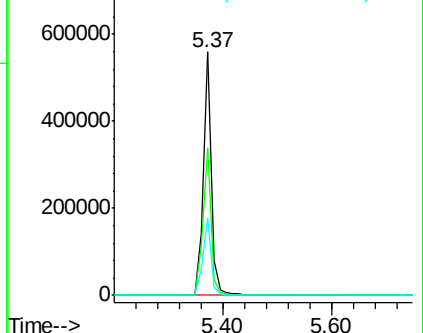
Tgt Ion:	112	Resp:	563546
Ion	Ratio	Lower	Upper
112	100		
64	60.5	48.6	73.0
63	31.7	25.1	37.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 27.45 ng

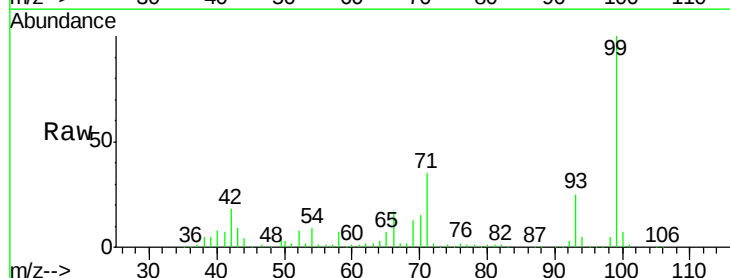
RT: 6.42 min Scan# 375

Delta R.T. -0.01 min

Lab File: BF082461.D

Acq: 22 Oct 2015 22:56

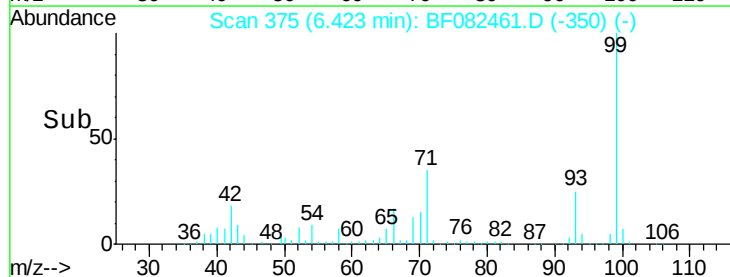
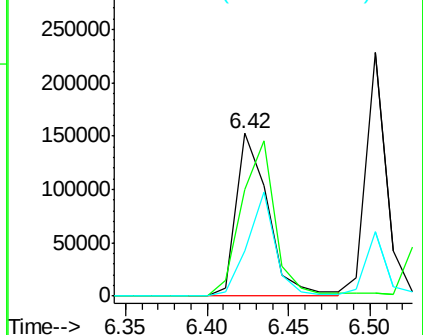
Tgt Ion:	93	Resp:	205196
Ion	Ratio	Lower	Upper
93	100		
66	65.4	34.2	51.2#
65	28.2	17.9	26.9#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 114.63 ng

RT: 6.42 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF082461.D

Acq: 22 Oct 2015 22:56

Instrument :

BNA_F

ClientSampleId :

SB15-17-10-10.5MS

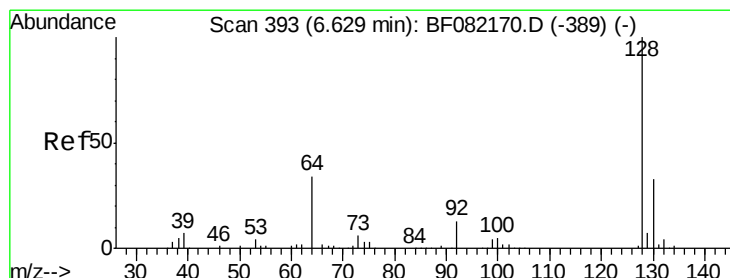
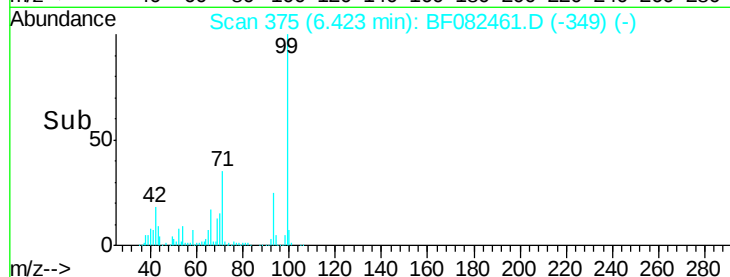
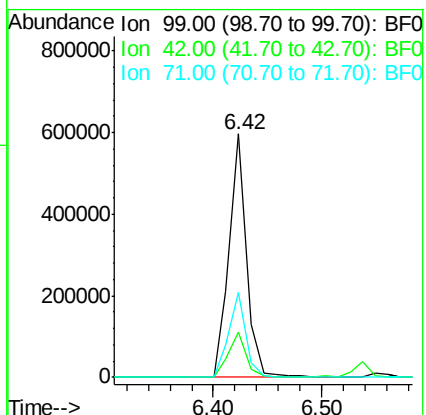
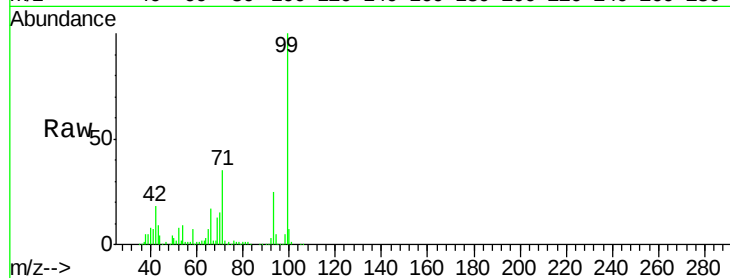
Tgt Ion: 99 Resp: 664676

Ion Ratio Lower Upper

99 100

42 18.4 13.2 19.8

71 35.1 25.6 38.4



#8

2-Chlorophenol

Concen: 37.13 ng

RT: 6.55 min Scan# 386

Delta R.T. 0.00 min

Lab File: BF082461.D

Acq: 22 Oct 2015 22:56

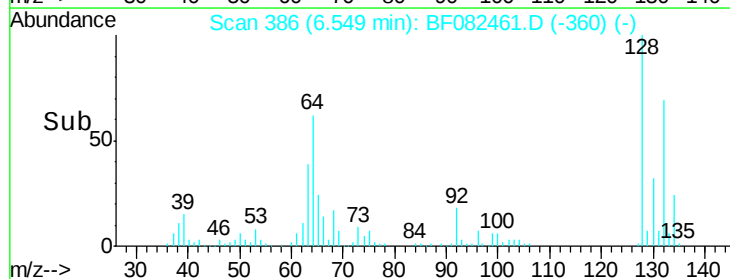
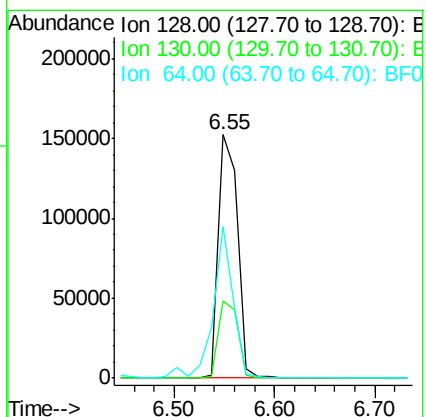
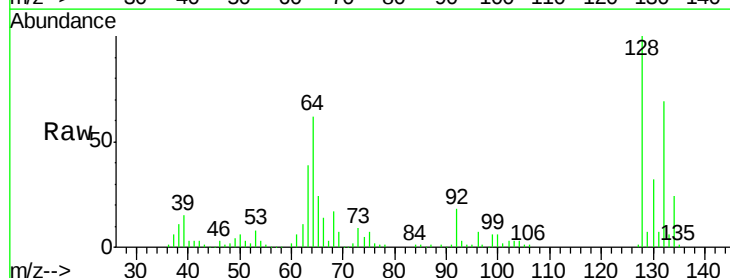
Tgt Ion: 128 Resp: 201954

Ion Ratio Lower Upper

128 100

130 31.5 12.6 52.6

64 62.1 16.7 56.7#





#9

Benzaldehyde

Concen: 31.34 ng

RT: 6.31 min Scan# 365

Delta R.T. 0.00 min

Lab File: BF082461.D

Acq: 22 Oct 2015 22:56

Instrument :

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ClientSampleId :

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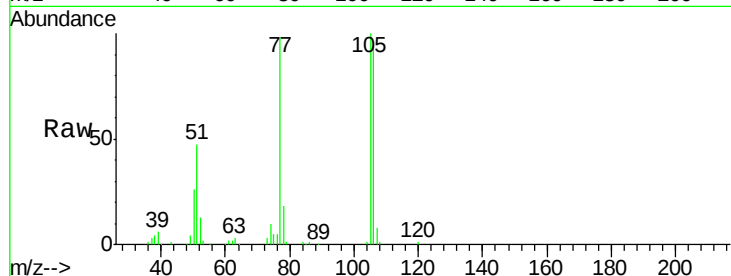
Tgt Ion: 77 Resp: 92799

Ion Ratio Lower Upper

77 100

105 101.9 80.6 120.6

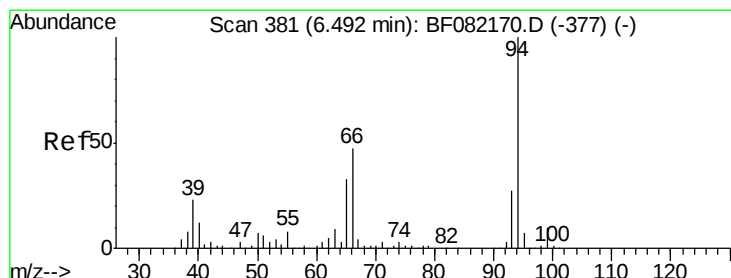
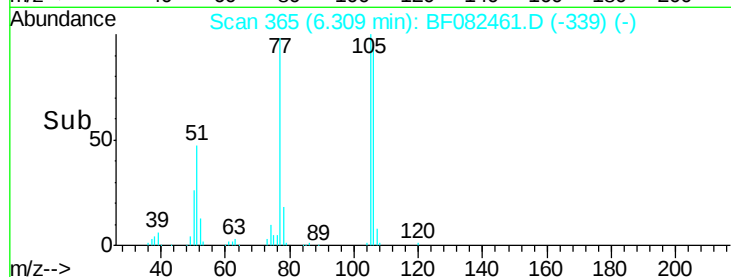
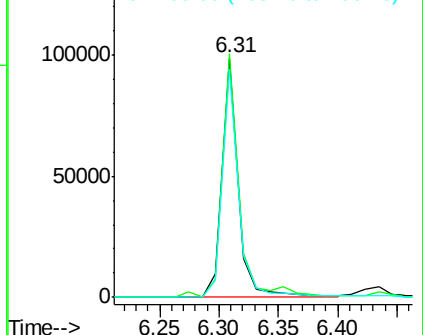
106 95.5 75.5 115.5



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: 38.73 ng

RT: 6.43 min Scan# 376

Delta R.T. 0.00 min

Lab File: BF082461.D

Acq: 22 Oct 2015 22:56

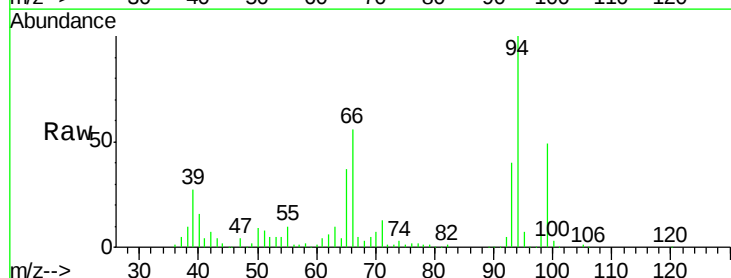
Tgt Ion: 94 Resp: 258900

Ion Ratio Lower Upper

94 100

65 37.3 12.6 52.6

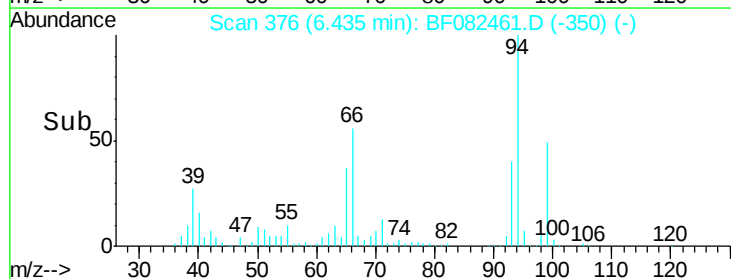
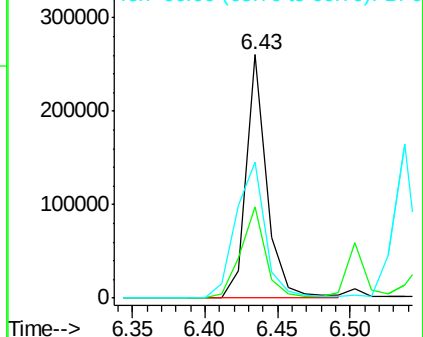
66 56.0 27.3 67.3



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: 34.40 ng

RT: 6.50 min Scan# 382

Delta R.T. -0.01 min

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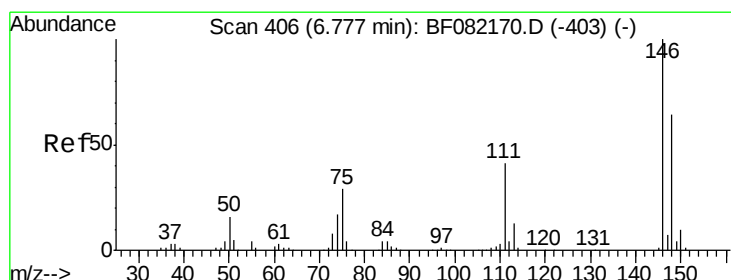
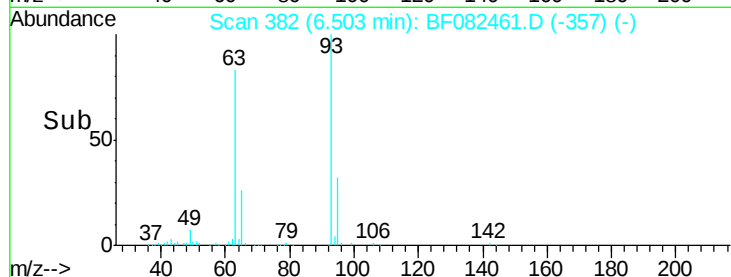
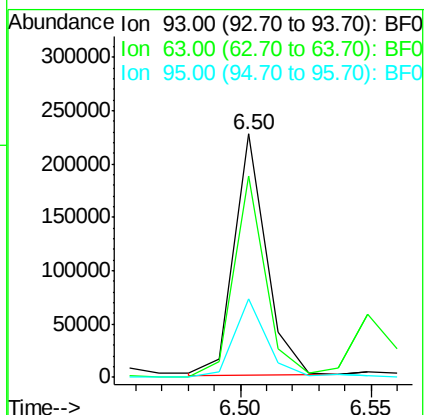
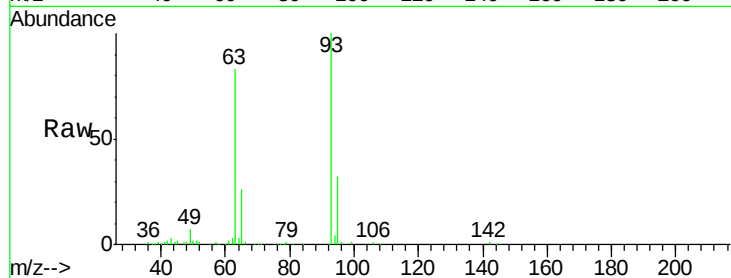
Tgt Ion: 93 Resp: 194493

Ion Ratio Lower Upper

93 100

63 82.7 57.1 97.1

95 32.4 11.9 51.9



#12

1,3-Dichlorobenzene

Concen: 37.16 ng

RT: 6.70 min Scan# 399

Delta R.T. 0.00 min

Lab File: BF082461.D

Acq: 22 Oct 2015 22:56

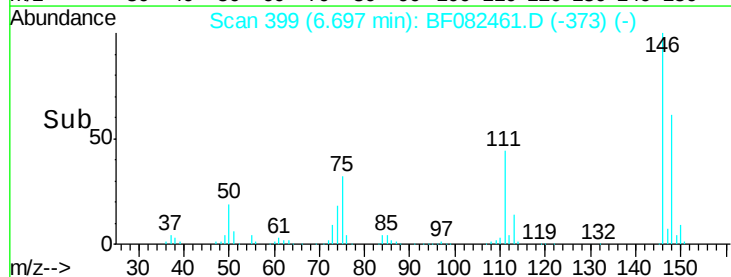
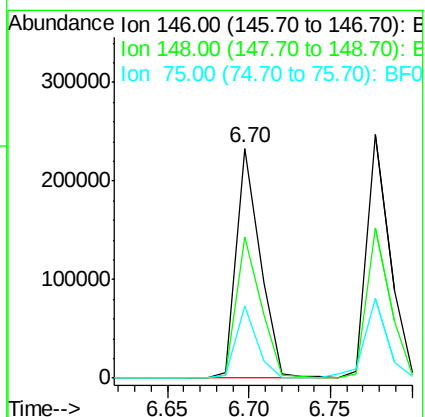
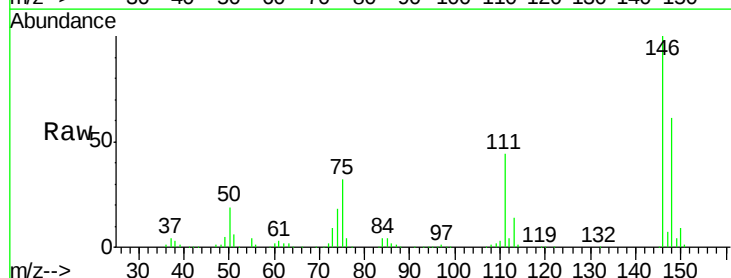
Tgt Ion: 146 Resp: 235399

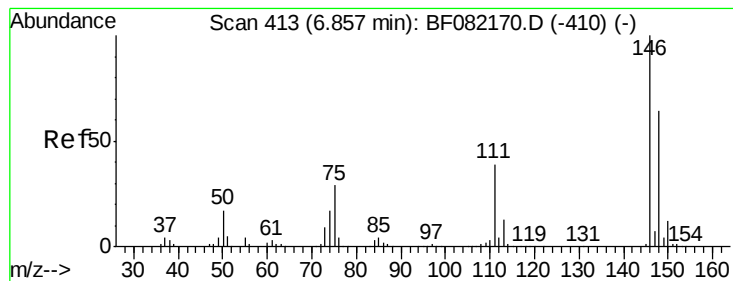
Ion Ratio Lower Upper

146 100

148 61.5 51.4 77.2

75 31.6 23.0 34.6





#13

1,4-Dichlorobenzene

Concen: 36.98 ng

RT: 6.78 min Scan# 406

Delta R.T. 0.00 min

Lab File: BF082461.D

Acq: 22 Oct 2015 22:56

Instrument :

BNA_F

ClientSampleId :

SB15-17-10-10.5MS

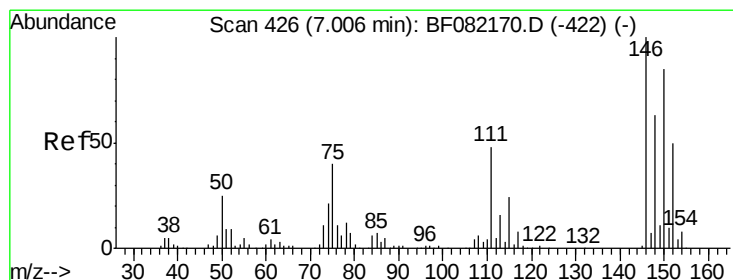
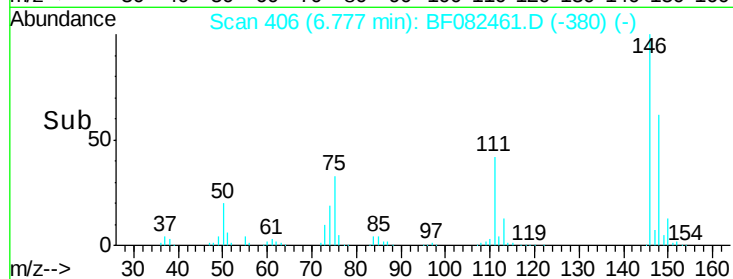
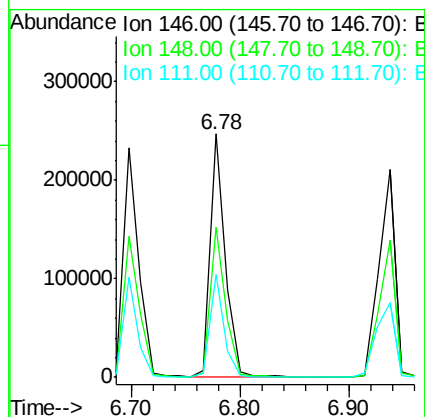
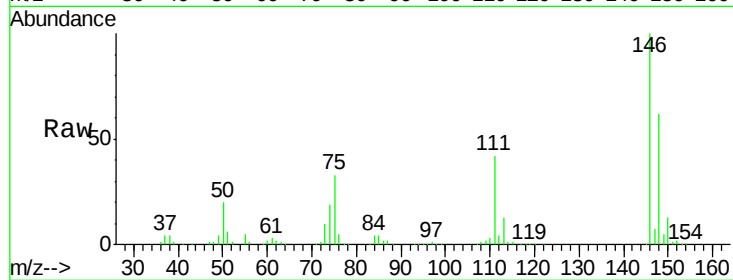
Tgt Ion:146 Resp: 244639

Ion Ratio Lower Upper

146 100

148 61.5 51.0 76.4

111 42.1 31.1 46.7



#14

1,2-Dichlorobenzene

Concen: 38.94 ng

RT: 6.78 min Scan# 406

Delta R.T. -0.16 min

Lab File: BF082461.D

Acq: 22 Oct 2015 22:56

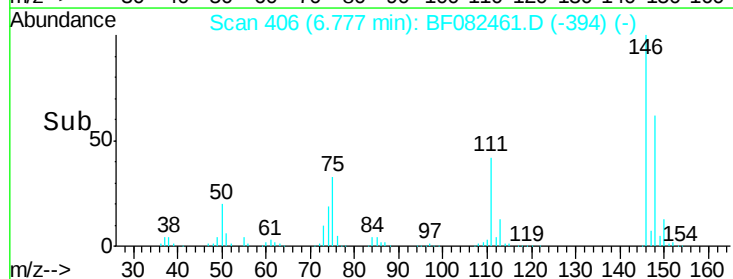
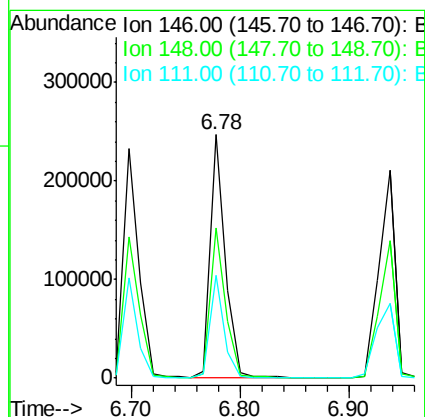
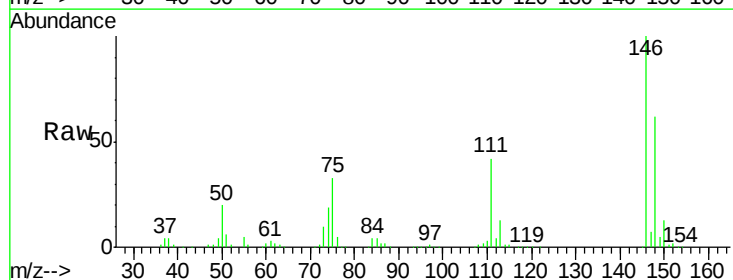
Tgt Ion:146 Resp: 244639

Ion Ratio Lower Upper

146 100

148 61.5 50.5 75.7

111 42.1 38.5 57.7

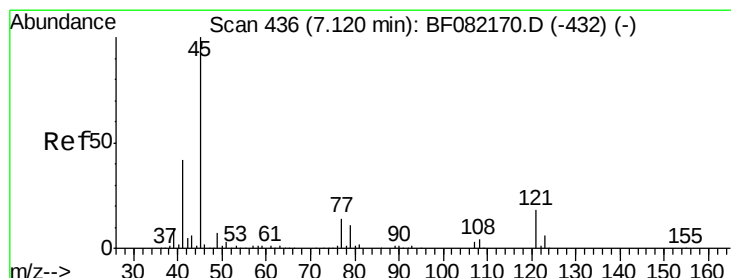
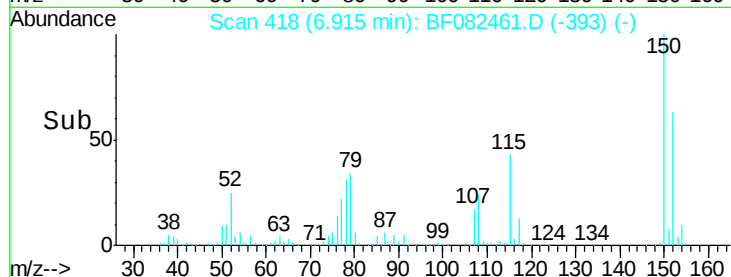
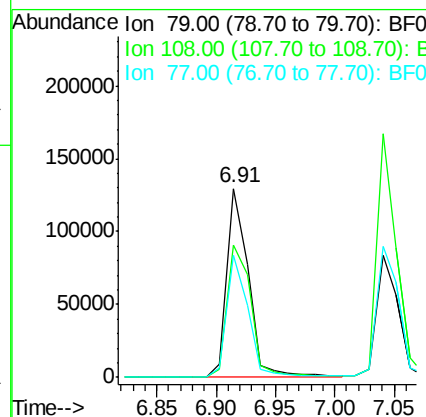
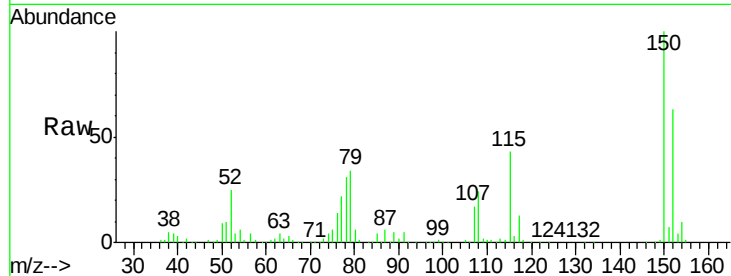




#15
Benzyl Alcohol
Concen: 40.73 ng
RT: 6.91 min Scan# 418
Delta R.T. -0.01 min
Lab File: BF082461.D
Acq: 22 Oct 2015 22:56

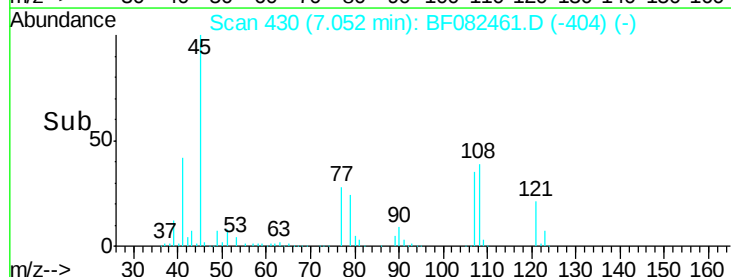
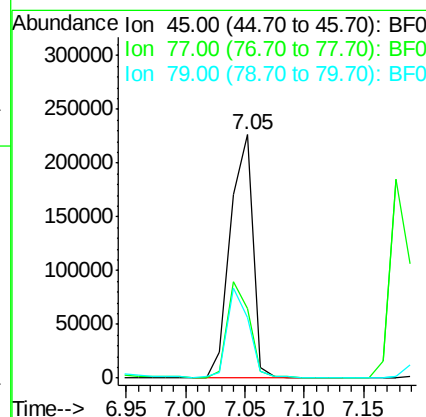
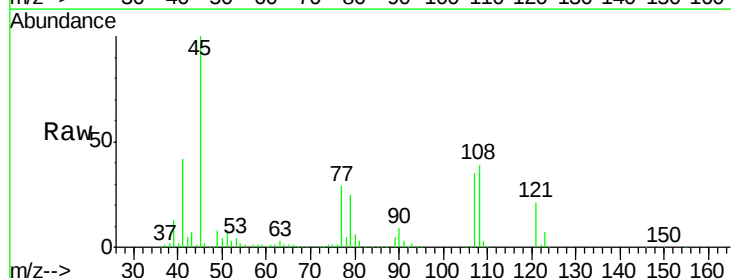
Instrument :
BNA_F
ClientSampleId :
SB15-17-10-10.5MS

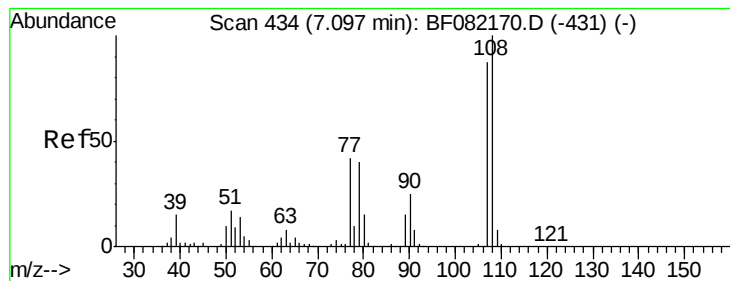
Tgt Ion: 79 Resp: 163031
Ion Ratio Lower Upper
79 100
108 70.3 58.4 87.6
77 64.8 49.8 74.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.74 ng
RT: 7.05 min Scan# 430
Delta R.T. 0.00 min
Lab File: BF082461.D
Acq: 22 Oct 2015 22:56

Tgt Ion: 45 Resp: 297135
Ion Ratio Lower Upper
45 100
77 28.7 0.0 34.5
79 25.0 0.0 31.6





#17

2-Methylphenol

Concen: 39.39 ng

RT: 7.04 min Scan# 429

Delta R.T. 0.00 min

Lab File: BF082461.D

Acq: 22 Oct 2015 22:56

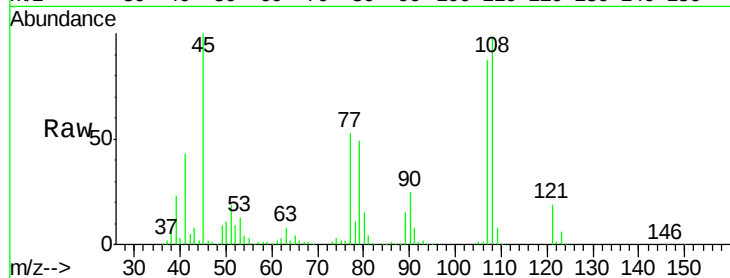
Instrument :

BNA_F

ClientSampleId :

SB15-17-10-10.5MS

Tgt Ion:	107	Resp:	169443
Ion	Ratio	Lower	Upper
107	100		
108	112.6	92.2	138.2
77	60.8	39.6	59.4#
79	56.6	38.2	57.4



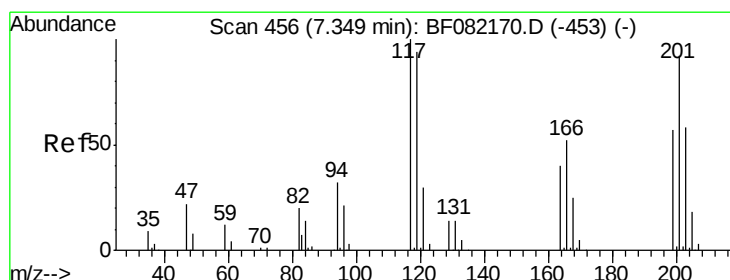
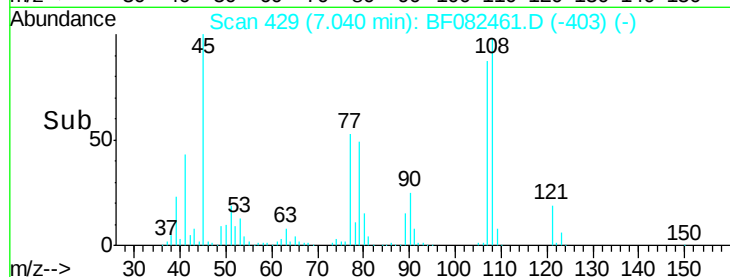
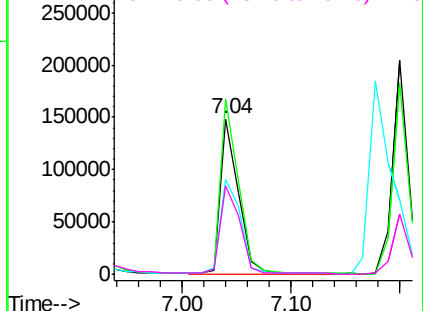
Abundance

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



#18

Hexachloroethane

Concen: 33.16 ng

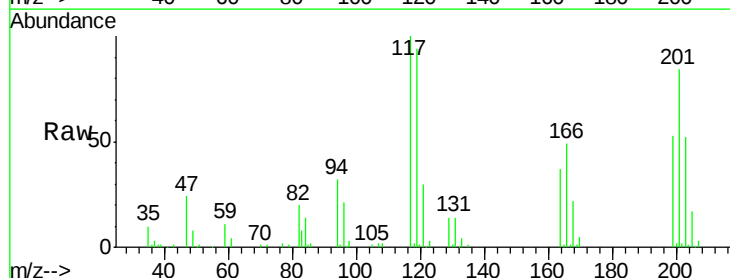
RT: 7.27 min Scan# 449

Delta R.T. 0.00 min

Lab File: BF082461.D

Acq: 22 Oct 2015 22:56

Tgt Ion:	117	Resp:	75077
Ion	Ratio	Lower	Upper
117	100		
119	93.9	75.4	113.2
201	83.7	73.4	110.0

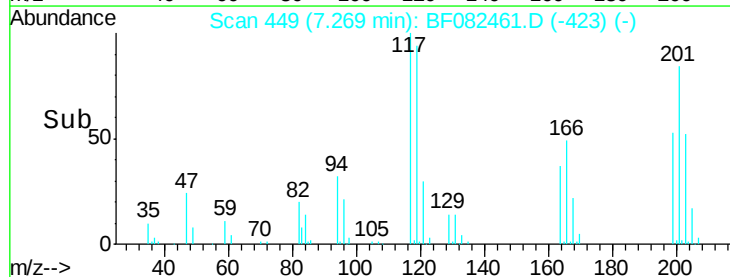
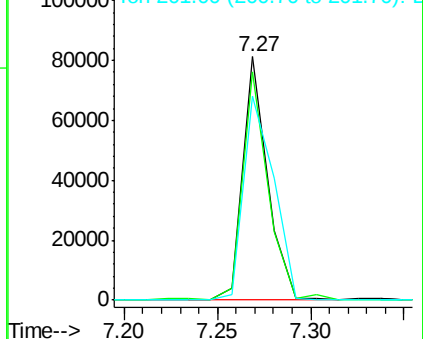


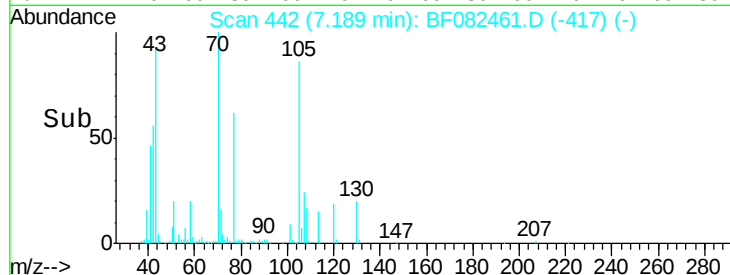
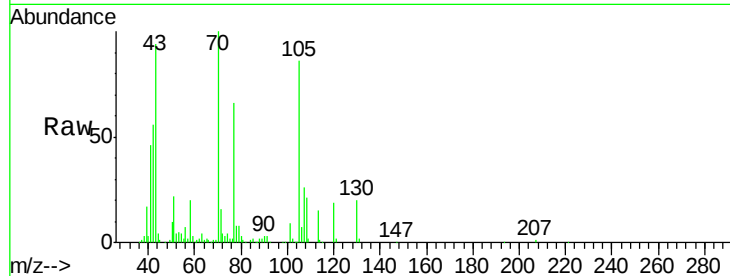
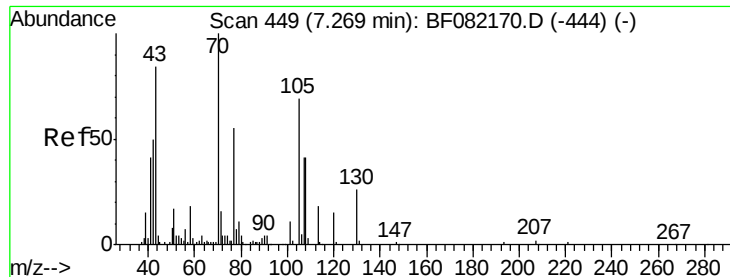
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

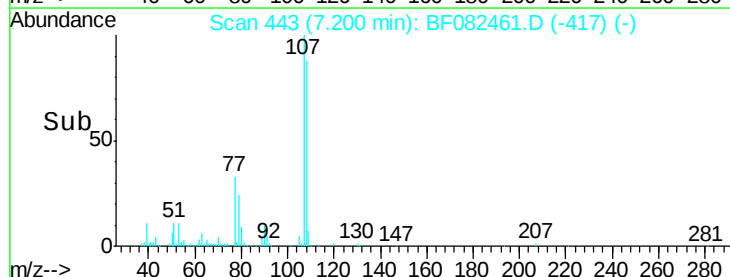
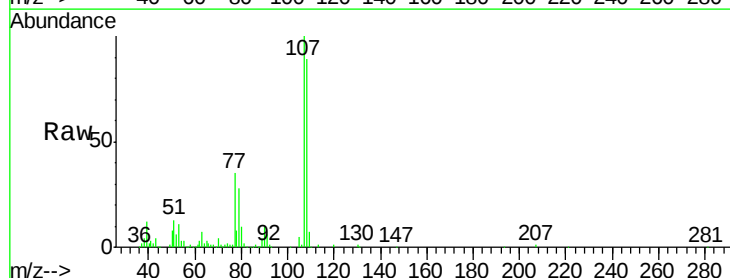
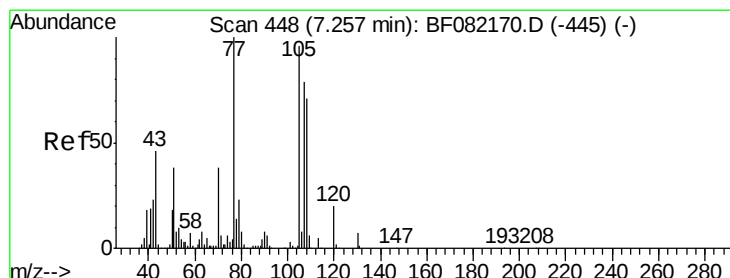
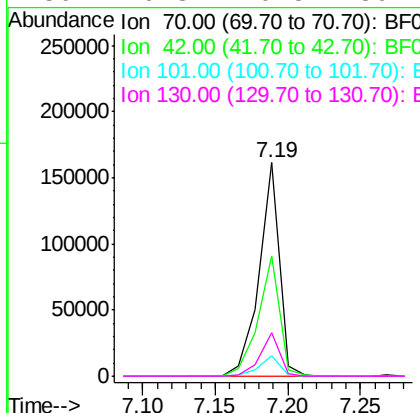




#19
n-Nitroso-di-n-propylamine
Concen: 38.54 ng
RT: 7.19 min Scan# 442
Delta R.T. -0.01 min
Lab File: BF082461.D
Acq: 22 Oct 2015 22:56

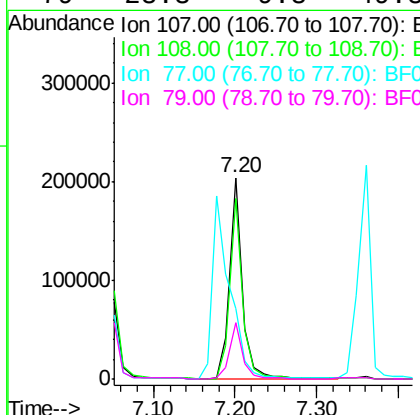
Instrument :
BNA_F
ClientSampleId :
SB15-17-10-10.5MS

Tgt Ion:	70	Resp:	156942
Ion	Ratio	Lower	Upper
70	100		
42	56.3	39.8	59.8
101	9.4	8.6	13.0
130	20.3	20.5	30.7#



#20
3+4-Methylphenols
Concen: 42.67 ng
RT: 7.20 min Scan# 443
Delta R.T. 0.00 min
Lab File: BF082461.D
Acq: 22 Oct 2015 22:56

Tgt Ion:	107	Resp:	218713
Ion	Ratio	Lower	Upper
107	100		
108	89.4	69.9	109.9
77	35.0	106.0	146.0#
79	28.3	9.8	49.8





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 518

Delta R.T. 0.00 min

Lab File: BF082461.D

Acq: 22 Oct 2015 22:56

Instrument :

BNA_F

ClientSampleId :

SB15-17-10-10.5MS

Tgt Ion:136 Resp: 346152

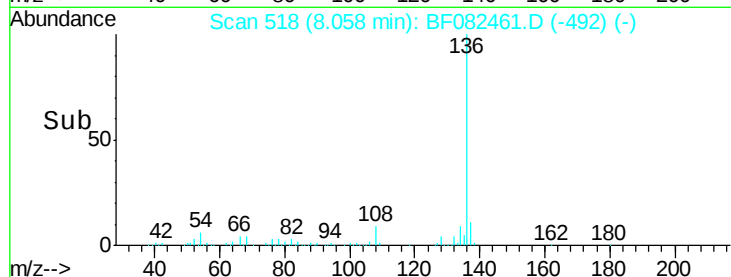
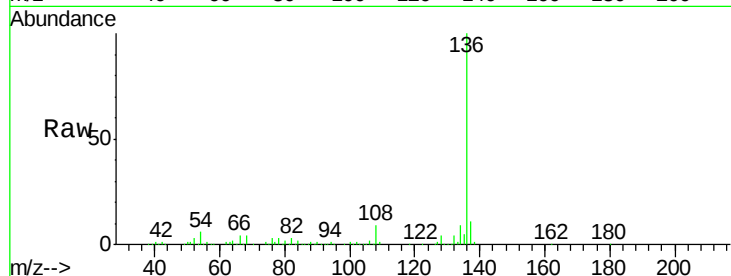
Ion Ratio Lower Upper

136 100

137 10.5 9.0 13.6

54 6.2 7.5 11.3#

68 4.2 4.6 7.0#

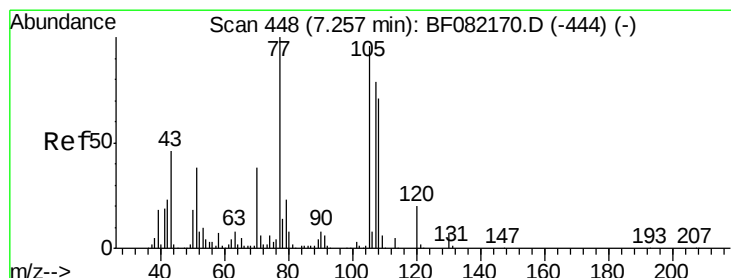
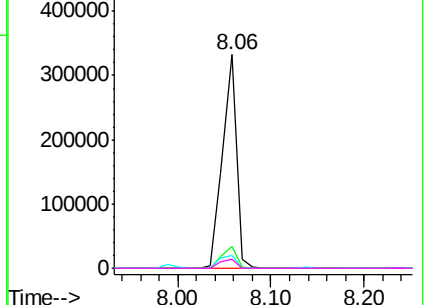


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.83 ng

RT: 7.18 min Scan# 441

Delta R.T. -0.01 min

Lab File: BF082461.D

Acq: 22 Oct 2015 22:56

Tgt Ion:105 Resp: 286443

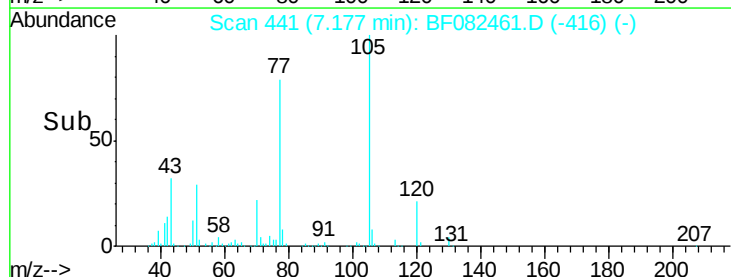
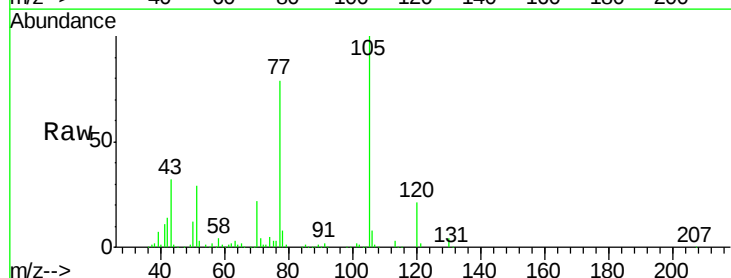
Ion Ratio Lower Upper

105 100

71 3.7 5.4 8.0#

51 29.0 31.8 47.6#

120 20.6 16.3 24.5

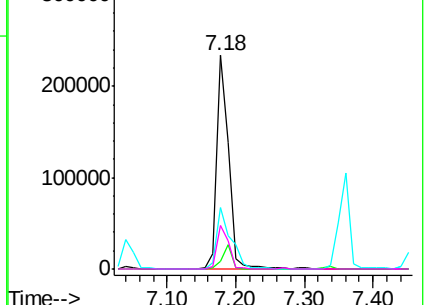


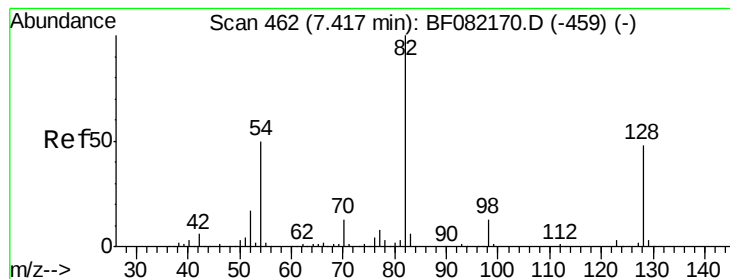
Abundance Ion 105.00 (104.70 to 105.70): E

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: 81.77 ng

RT: 7.34 min Scan# 455

Delta R.T. -0.01 min

Lab File: BF082461.D

Acq: 22 Oct 2015 22:56

Instrument :

BNA_F

ClientSampleId :

SB15-17-10-10.5MS

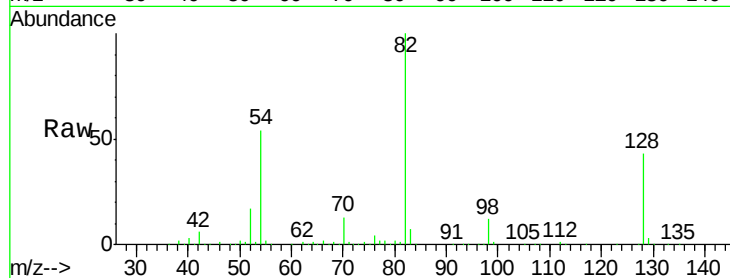
Tgt Ion: 82 Resp: 421486

Ion Ratio Lower Upper

82 100

128 42.9 38.7 58.1

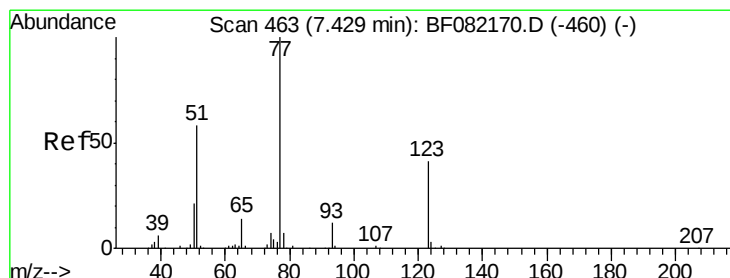
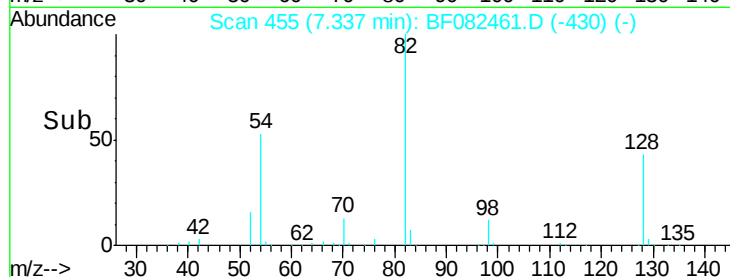
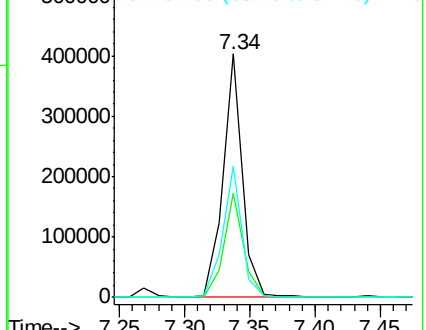
54 53.6 40.1 60.1



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 39.57 ng

RT: 7.36 min Scan# 457

Delta R.T. 0.00 min

Lab File: BF082461.D

Acq: 22 Oct 2015 22:56

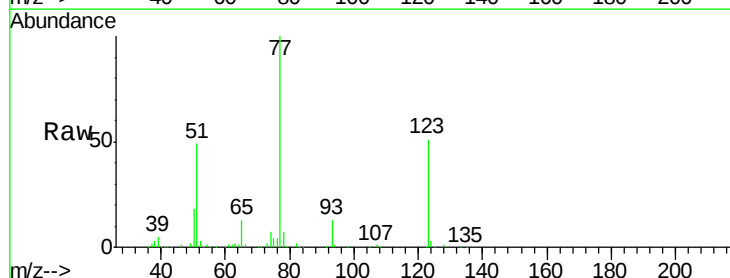
Tgt Ion: 77 Resp: 220761

Ion Ratio Lower Upper

77 100

123 50.9 33.0 49.4#

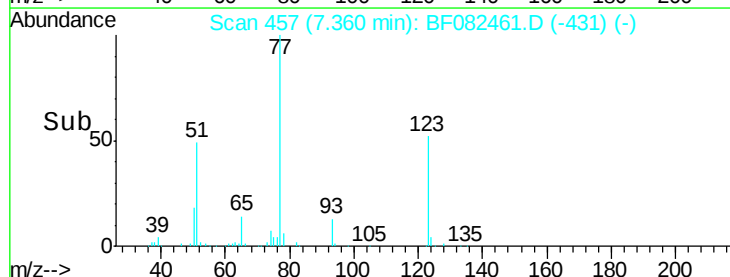
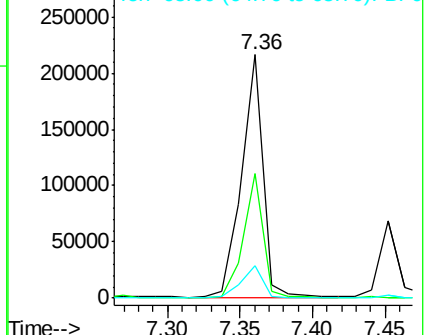
65 13.4 11.2 16.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 37.76 ng

RT: 7.60 min Scan# 478

Delta R.T. 0.00 min

Lab File: BF082461.D

Acq: 22 Oct 2015 22:56

Instrument :

BNA_F

ClientSampleId :

SB15-17-10-10.5MS

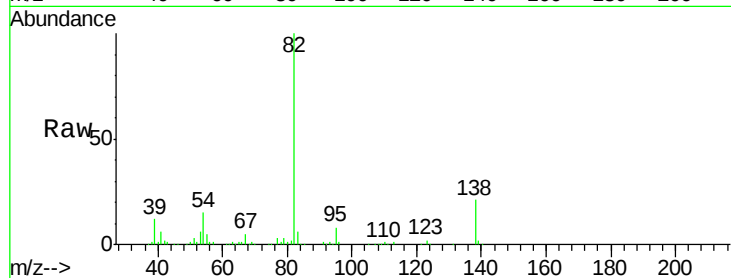
Tgt Ion: 82 Resp: 392862

Ion Ratio Lower Upper

82 100

95 7.6 5.6 8.4

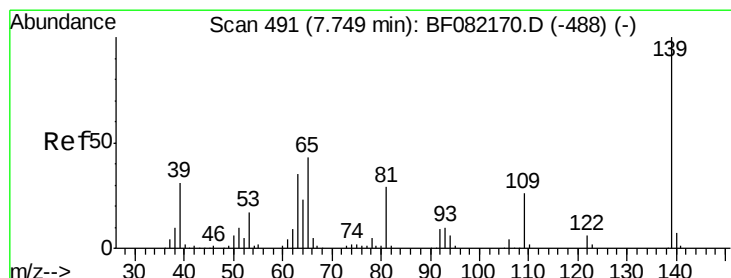
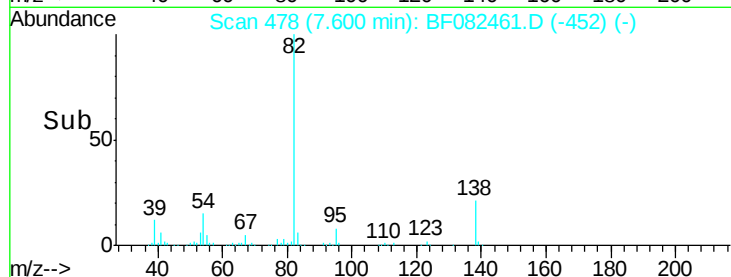
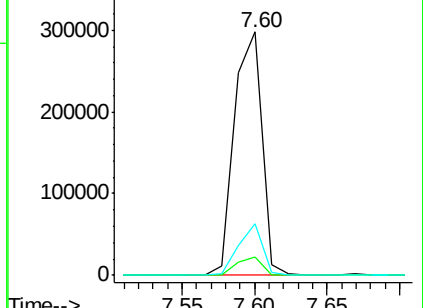
138 21.3 13.6 20.4#



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: 38.23 ng

RT: 7.67 min Scan# 484

Delta R.T. -0.01 min

Lab File: BF082461.D

Acq: 22 Oct 2015 22:56

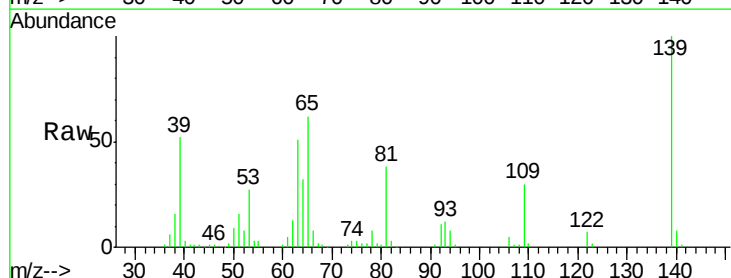
Tgt Ion: 139 Resp: 106505

Ion Ratio Lower Upper

139 100

109 30.0 20.6 31.0

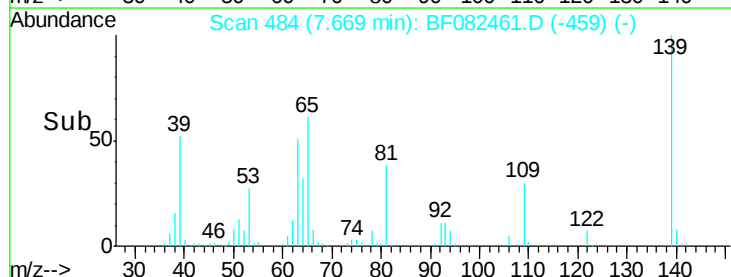
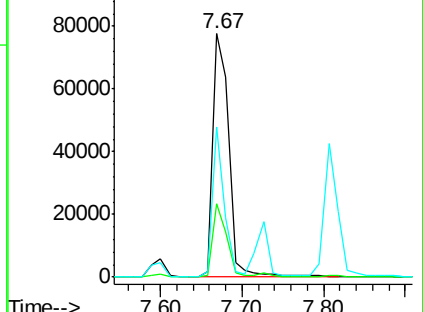
65 61.6 34.3 51.5#

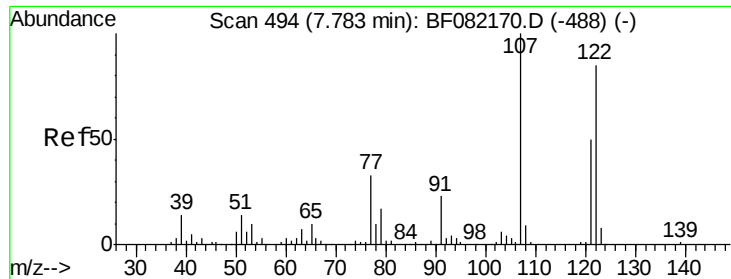


Abundance Ion 139.00 (138.70 to 139.70): BF0

Ion 109.00 (108.70 to 109.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

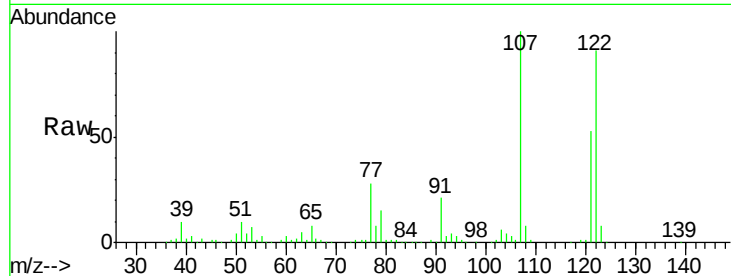




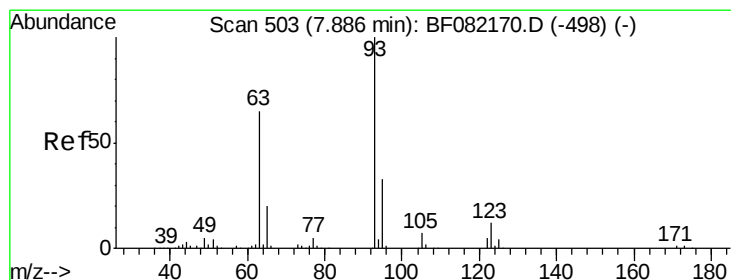
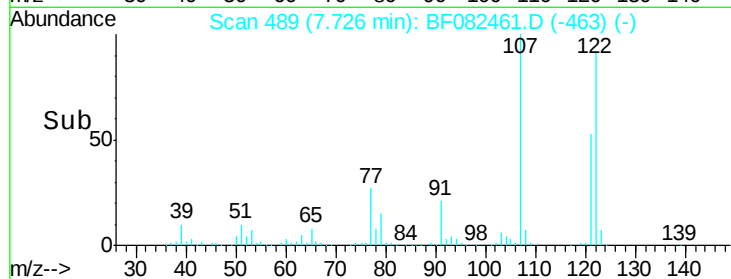
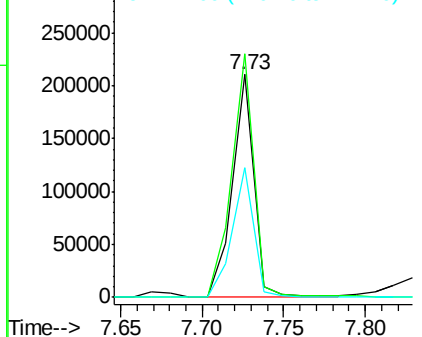
#27
 2,4-Dimethylphenol
 Concen: 42.79 ng
 RT: 7.73 min Scan# 489
 Delta R.T. 0.00 min
 Lab File: BF082461.D
 Acq: 22 Oct 2015 22:56

Instrument :
 BNA_F
 ClientSampleId :
 SB15-17-10-10.5MS

Tgt Ion: 122 Resp: 192068
 Ion Ratio Lower Upper
 122 100
 107 109.3 94.0 141.0
 121 58.3 46.8 70.2

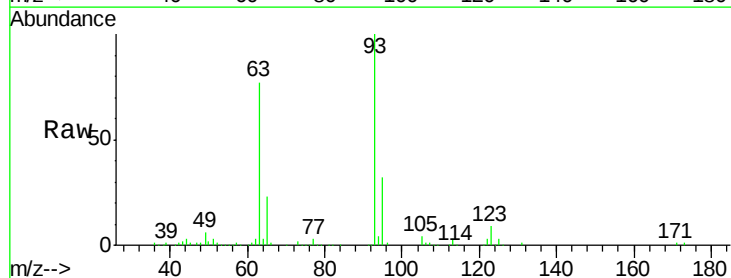


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

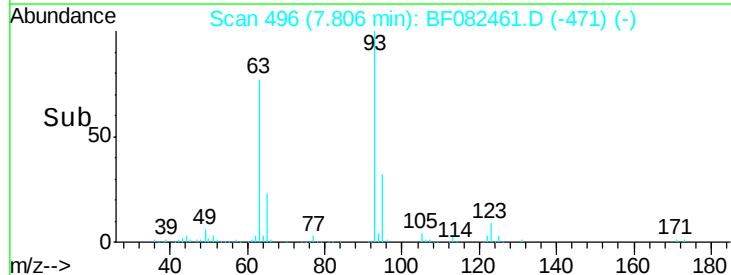
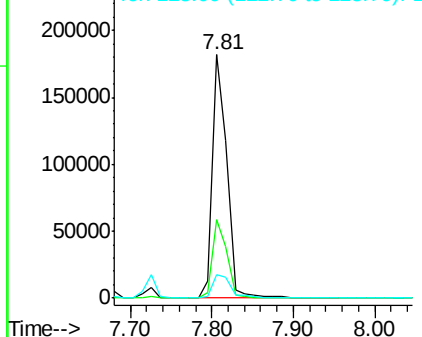


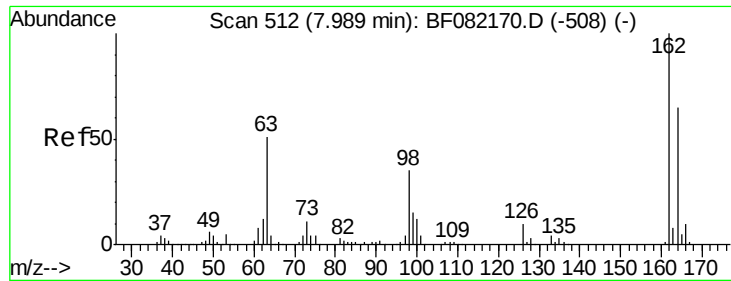
#28
 bis(2-Chloroethoxy)methane
 Concen: 37.46 ng
 RT: 7.81 min Scan# 496
 Delta R.T. -0.01 min
 Lab File: BF082461.D
 Acq: 22 Oct 2015 22:56

Tgt Ion: 93 Resp: 226775
 Ion Ratio Lower Upper
 93 100
 95 32.0 26.6 39.8
 123 9.5 9.5 14.3#



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E

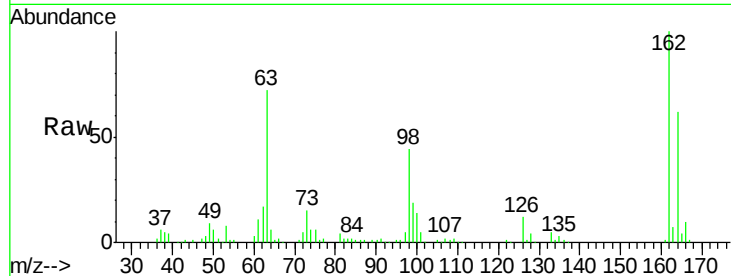




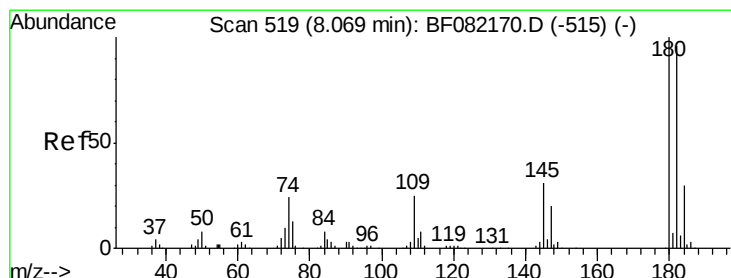
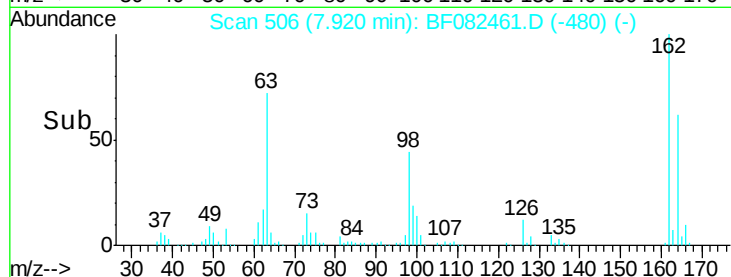
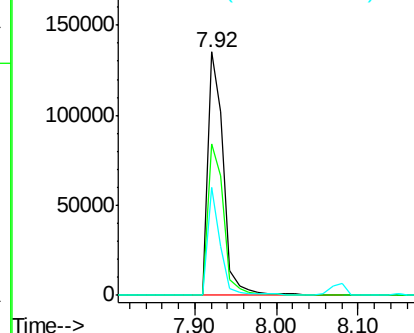
#29
 2,4-Dichlorophenol
 Concen: 40.53 ng
 RT: 7.92 min Scan# 506
 Delta R.T. 0.00 min
 Lab File: BF082461.D
 Acq: 22 Oct 2015 22:56

Instrument :
 BNA_F
 ClientSampleId :
 SB15-17-10-10.5MS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.2	44.6	84.6
98	44.3	15.0	55.0

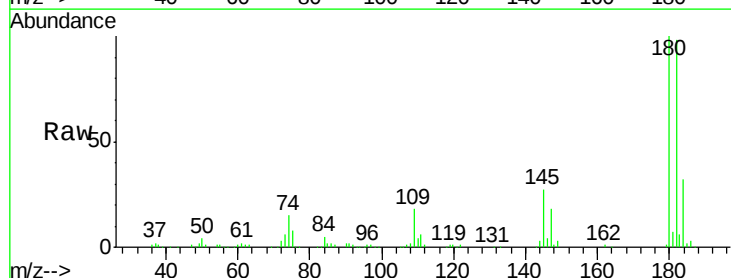


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

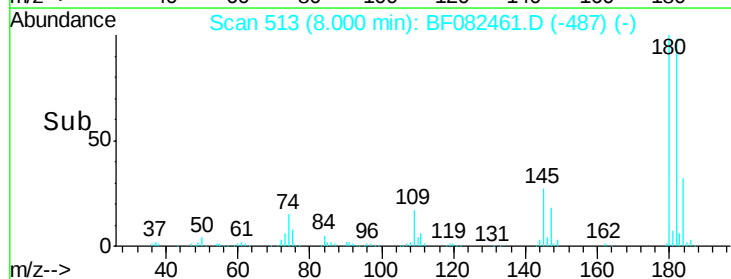
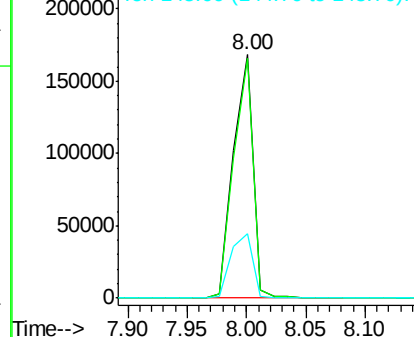


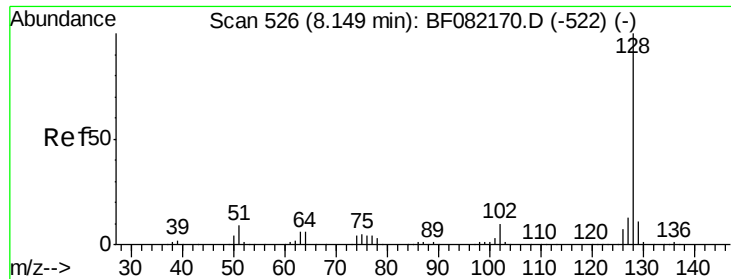
#30
 1,2,4-Trichlorobenzene
 Concen: 37.54 ng
 RT: 8.00 min Scan# 513
 Delta R.T. 0.00 min
 Lab File: BF082461.D
 Acq: 22 Oct 2015 22:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.4	77.0	115.4
145	26.7	25.0	37.4



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

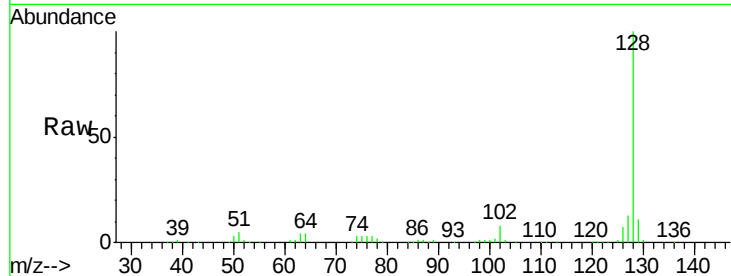




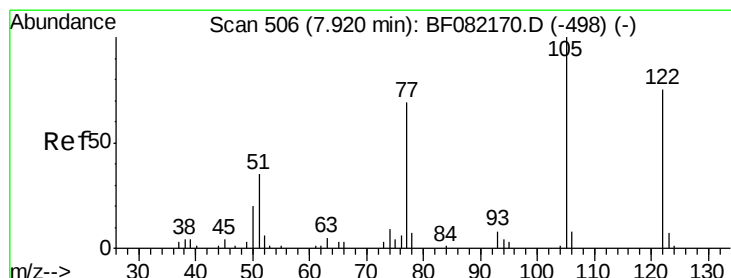
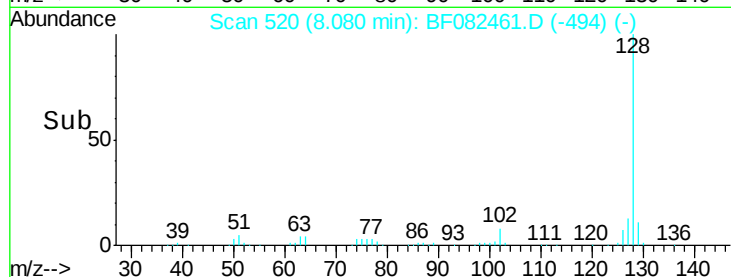
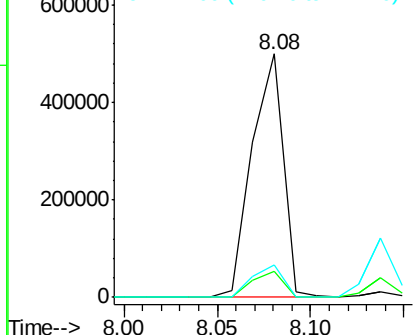
#31
Naphthalene
Concen: 38.74 ng
RT: 8.08 min Scan# 520
Delta R.T. 0.00 min
Lab File: BF082461.D
Acq: 22 Oct 2015 22:56

Instrument :
BNA_F
ClientSampleId :
SB15-17-10-10.5MS

Tgt Ion:128 Resp: 581224
Ion Ratio Lower Upper
128 100
129 10.7 9.1 13.7
127 13.2 10.7 16.1

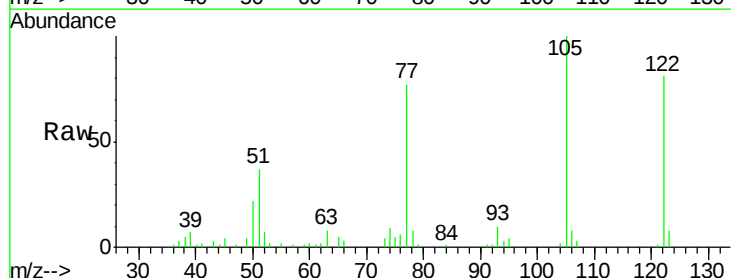


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

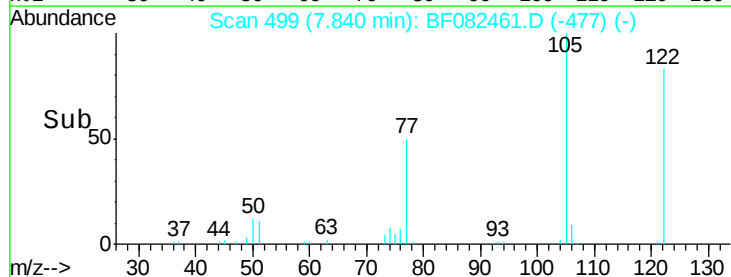
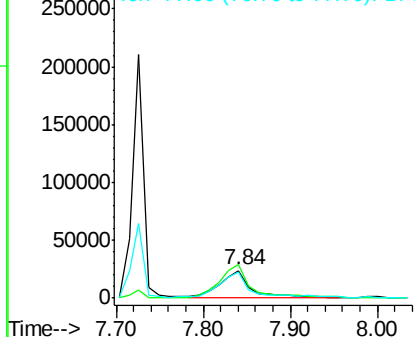


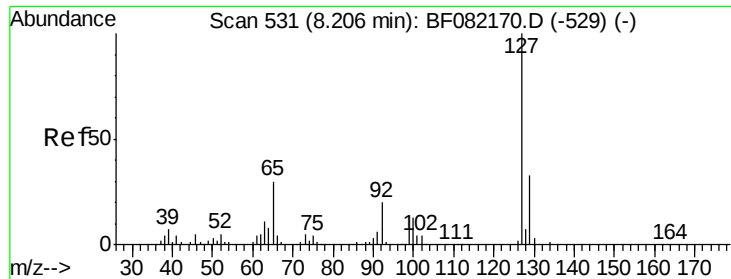
#32
Benzoic acid
Concen: 18.64 ng
RT: 7.84 min Scan# 499
Delta R.T. -0.05 min
Lab File: BF082461.D
Acq: 22 Oct 2015 22:56

Tgt Ion:122 Resp: 56142
Ion Ratio Lower Upper
122 100
105 123.6 104.4 144.4
77 95.5 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

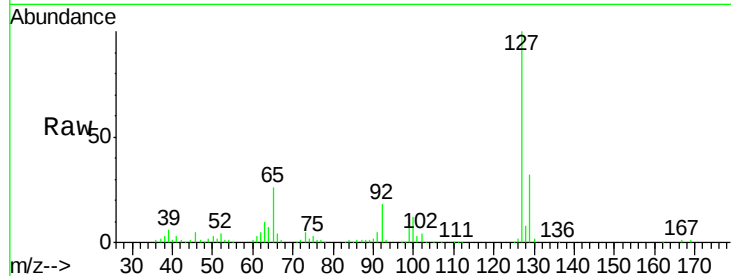




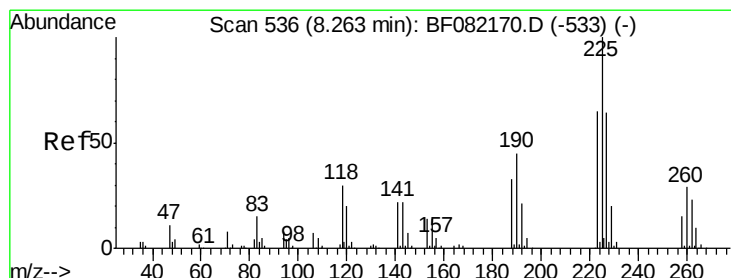
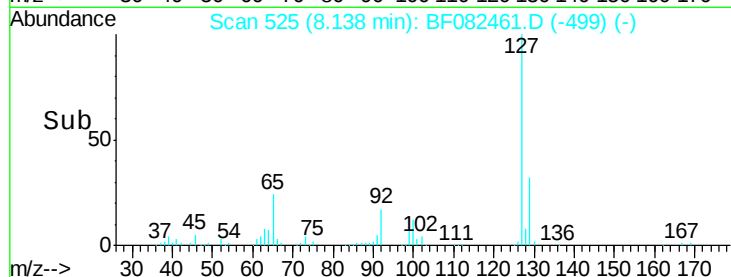
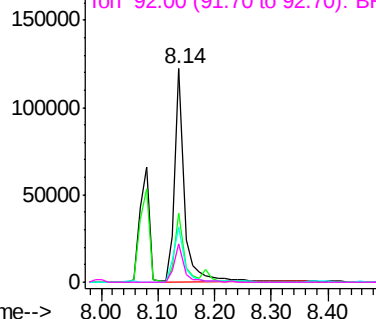
#33
4-Chloroaniline
Concen: 22.40 ng
RT: 8.14 min Scan# 525
Delta R.T. 0.00 min
Lab File: BF082461.D
Acq: 22 Oct 2015 22:56

Instrument :
BNA_F
ClientSampleId :
SB15-17-10-10.5MS

Tgt Ion:	127	Resp:	139583
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.3	39.5
65	25.7	24.4	36.6
92	17.7	15.7	23.5

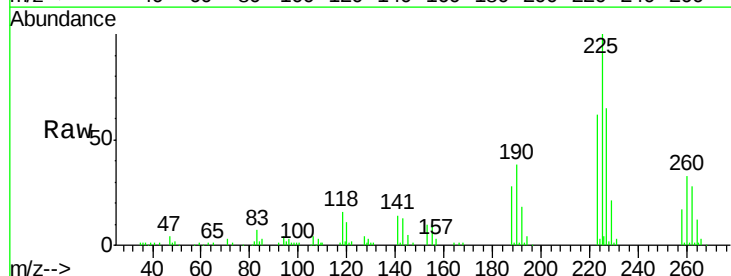


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

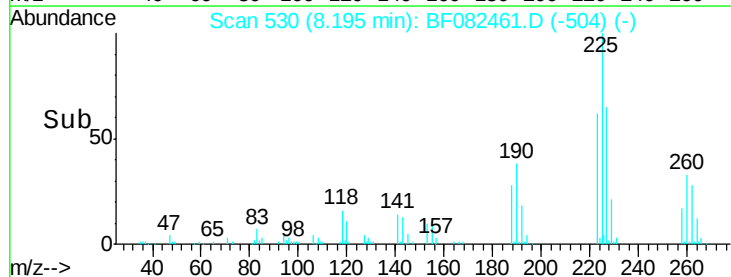
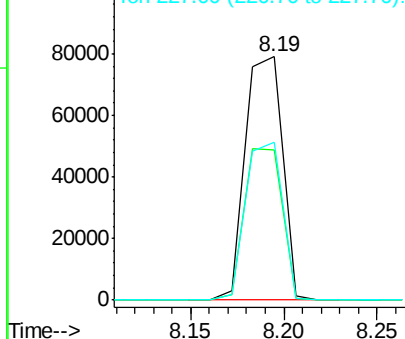


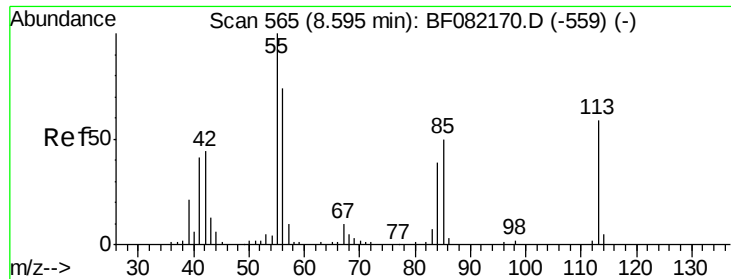
#34
Hexachlorobutadiene
Concen: 33.90 ng
RT: 8.19 min Scan# 530
Delta R.T. 0.00 min
Lab File: BF082461.D
Acq: 22 Oct 2015 22:56

Tgt Ion:	225	Resp:	109243
Ion	Ratio	Lower	Upper
225	100		
223	61.6	52.2	78.2
227	64.9	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

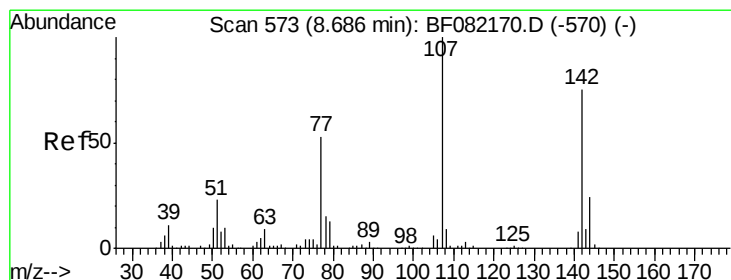
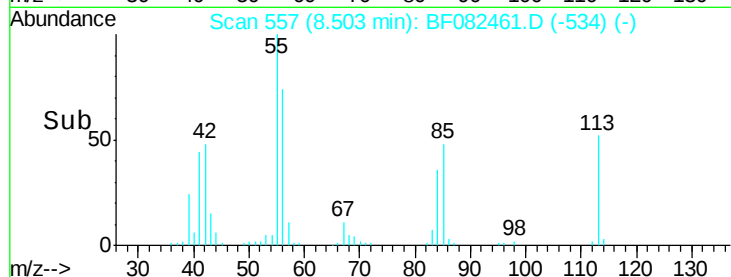
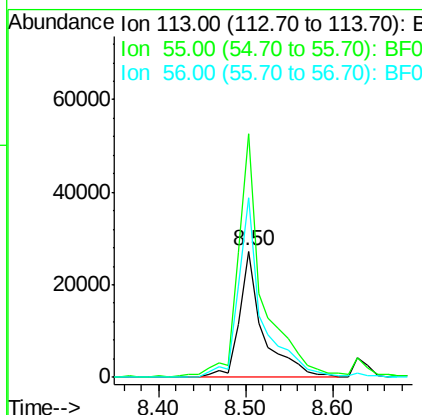
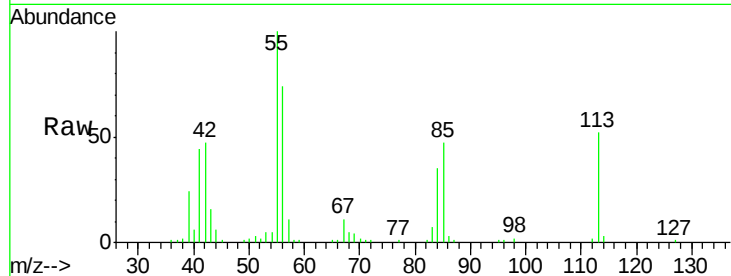




#35
 Caprolactam
 Concen: 39.40 ng
 RT: 8.50 min Scan# 557
 Delta R.T. -0.03 min
 Lab File: BF082461.D
 Acq: 22 Oct 2015 22:56

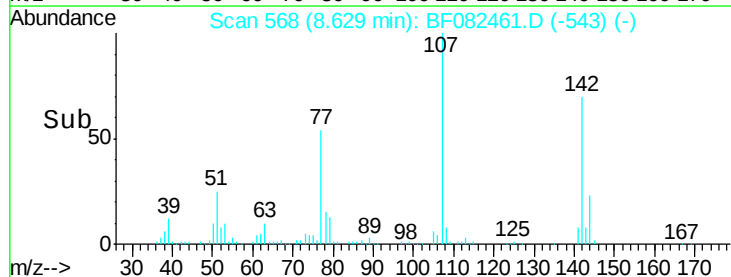
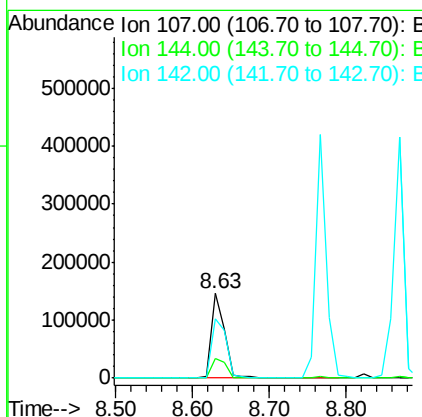
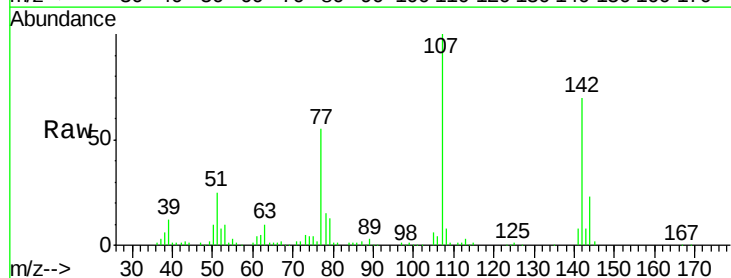
Instrument :
 BNA_F
 ClientSampleId :
 SB15-17-10-10.5MS

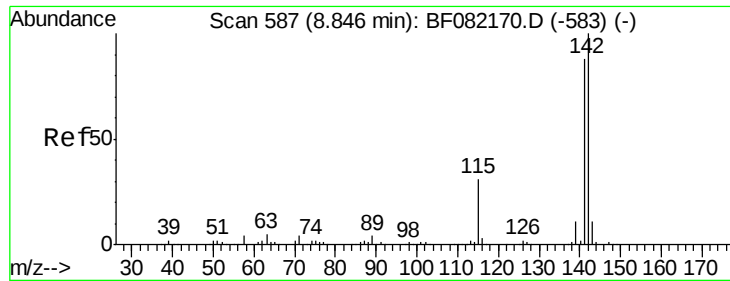
Tgt Ion:113 Resp: 51311
 Ion Ratio Lower Upper
 113 100
 55 193.2 149.7 189.7#
 56 142.8 105.4 145.4



#36
 4-Chloro-3-methylphenol
 Concen: 39.25 ng
 RT: 8.63 min Scan# 568
 Delta R.T. -0.01 min
 Lab File: BF082461.D
 Acq: 22 Oct 2015 22:56

Tgt Ion:107 Resp: 172229
 Ion Ratio Lower Upper
 107 100
 144 22.7 19.3 28.9
 142 70.5 59.9 89.9

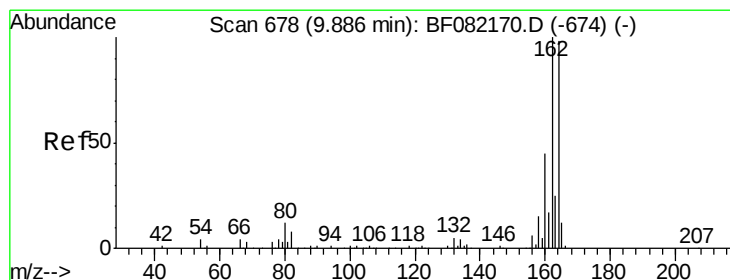
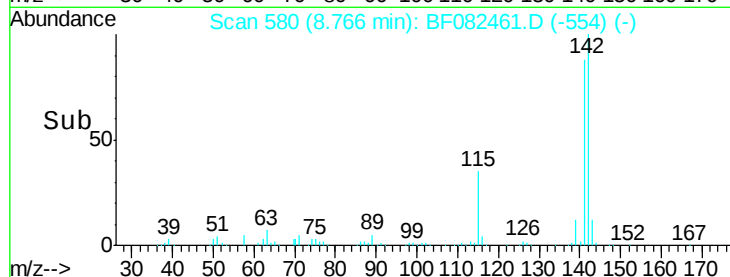
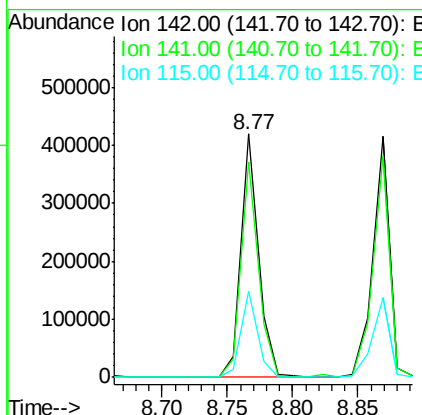
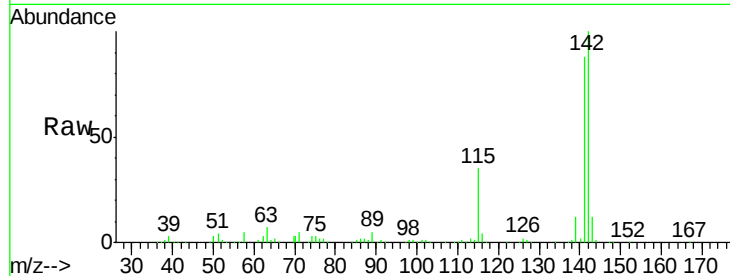




#37
 2-Methylnaphthalene
 Concen: 37.63 ng
 RT: 8.77 min Scan# 580
 Delta R.T. 0.00 min
 Lab File: BF082461.D
 Acq: 22 Oct 2015 22:56

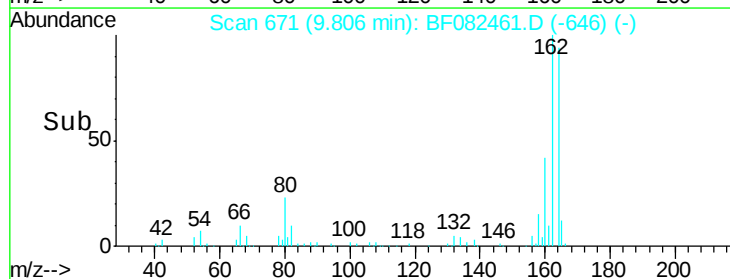
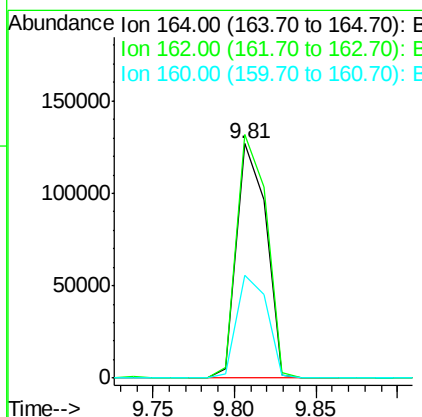
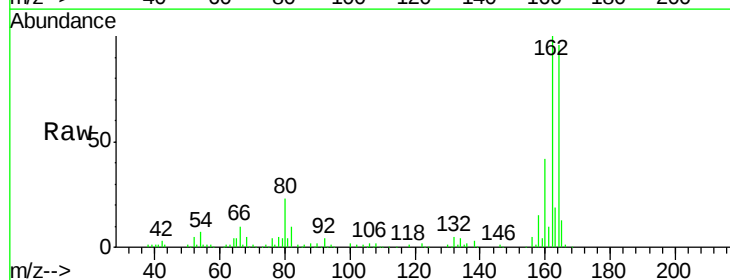
Instrument :
 BNA_F
 ClientSampleId :
 SB15-17-10-10.5MS

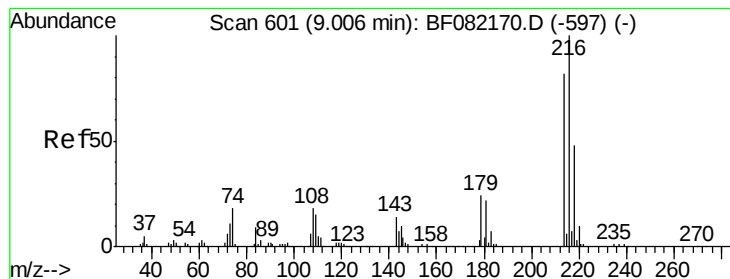
Tgt Ion:142 Resp: 391420
 Ion Ratio Lower Upper
 142 100
 141 88.4 70.4 105.6
 115 35.2 24.6 37.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.81 min Scan# 671
 Delta R.T. -0.01 min
 Lab File: BF082461.D
 Acq: 22 Oct 2015 22:56

Tgt Ion:164 Resp: 158353
 Ion Ratio Lower Upper
 164 100
 162 103.9 81.6 122.4
 160 43.9 36.4 54.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.80 ng

RT: 8.94 min Scan# 595

Delta R.T. 0.00 min

Lab File: BF082461.D

Acq: 22 Oct 2015 22:56

Instrument :

BNA_F

ClientSampleId :

SB15-17-10-10.5MS

Tgt Ion:216 Resp: 201576

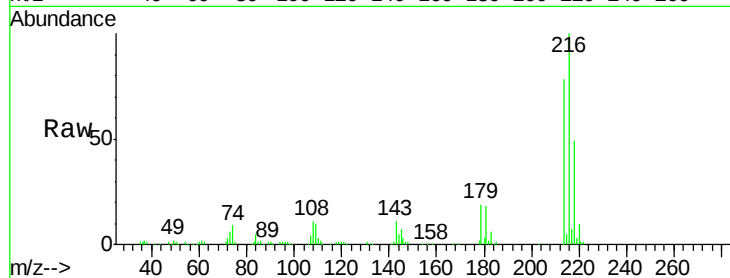
Ion Ratio Lower Upper

216 100

214 78.2 64.6 97.0

179 20.4 17.6 26.4

108 14.7 14.5 21.7

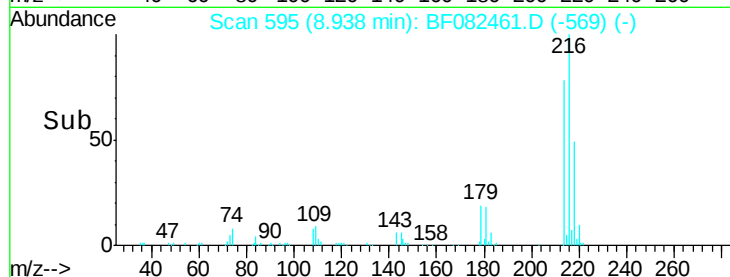


Abundance Ion 216.00 (215.70 to 216.70): E

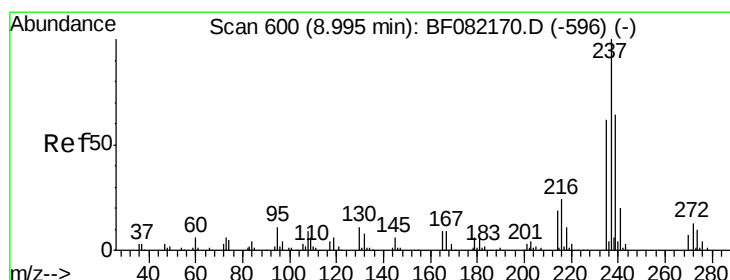
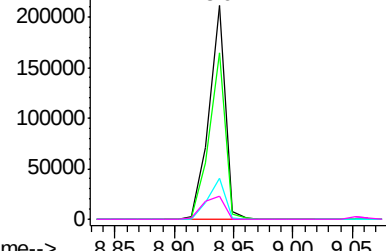
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 16.00 ng

RT: 8.91 min Scan# 593

Delta R.T. 0.00 min

Lab File: BF082461.D

Acq: 22 Oct 2015 22:56

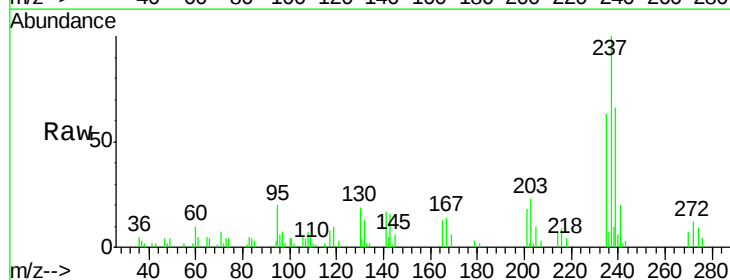
Tgt Ion:237 Resp: 20463

Ion Ratio Lower Upper

237 100

235 62.6 41.7 81.7

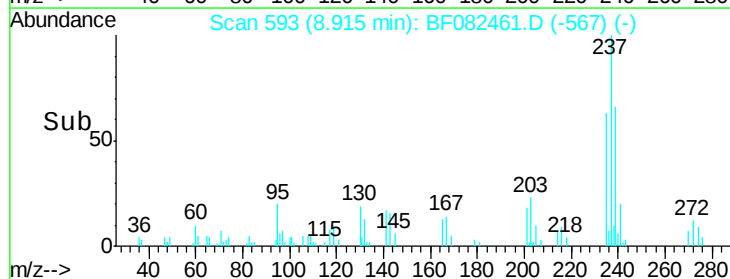
272 11.6 0.0 32.8



Abundance Ion 236.80 (236.50 to 237.50): E

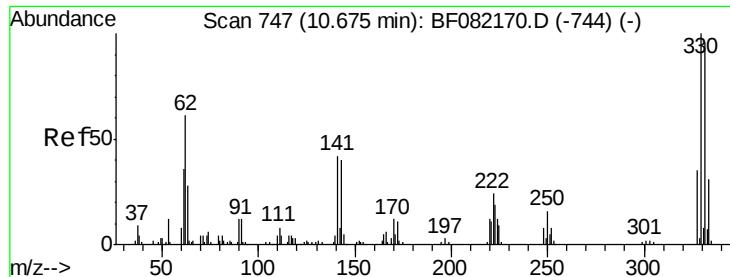
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

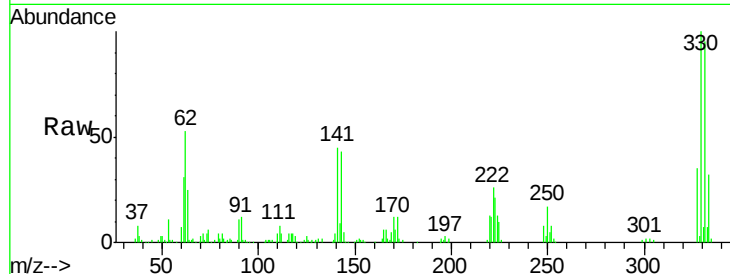




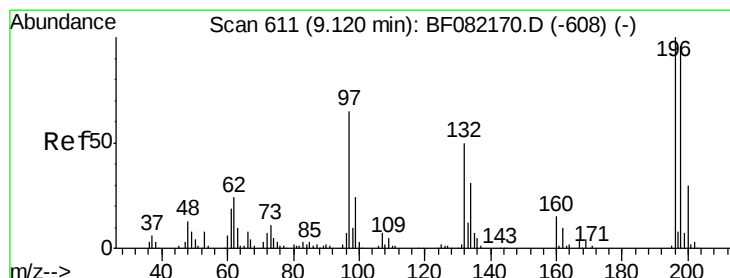
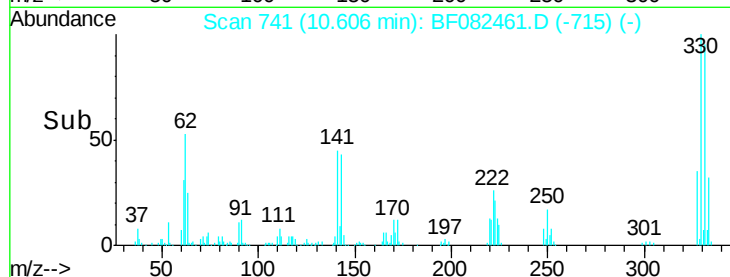
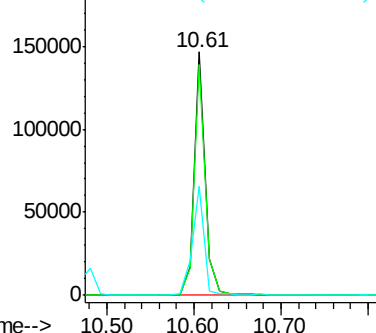
#41
 2,4,6-Tribromophenol
 Concen: 89.44 ng
 RT: 10.61 min Scan# 741
 Delta R.T. 0.00 min
 Lab File: BF082461.D
 Acq: 22 Oct 2015 22:56

Instrument :
 BNA_F
 ClientSampleId :
 SB15-17-10-10.5MS

Tgt Ion: 330 Resp: 132826
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.1 115.7
 141 48.3 29.8 44.8#

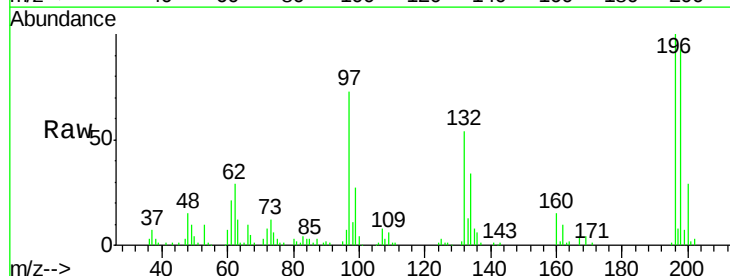


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

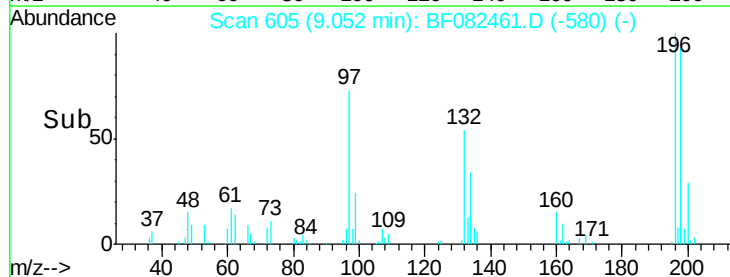
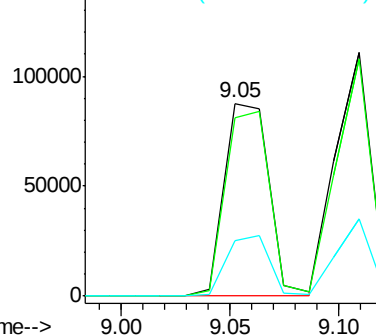


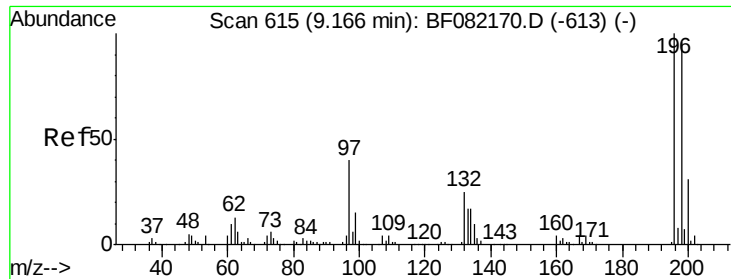
#42
 2,4,6-Trichlorophenol
 Concen: 39.94 ng
 RT: 9.05 min Scan# 605
 Delta R.T. -0.01 min
 Lab File: BF082461.D
 Acq: 22 Oct 2015 22:56

Tgt Ion: 196 Resp: 124937
 Ion Ratio Lower Upper
 196 100
 198 92.6 76.6 115.0
 200 29.0 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

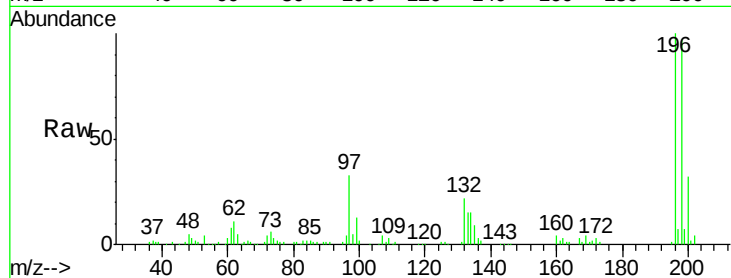




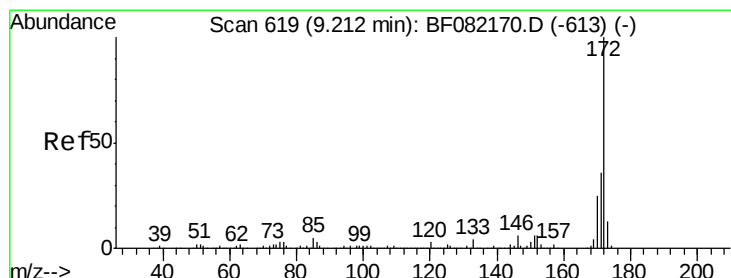
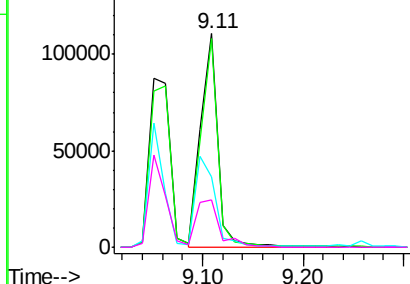
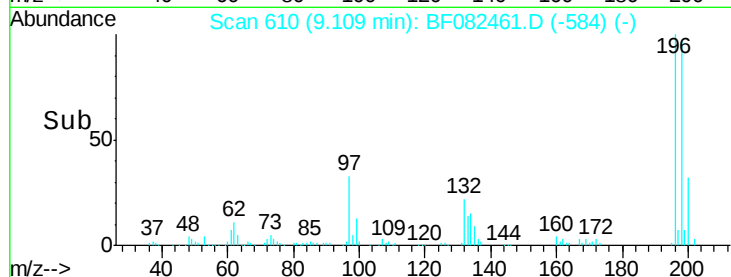
#43
 2,4,5-Trichlorophenol
 Concen: 38.79 ng
 RT: 9.11 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF082461.D
 Acq: 22 Oct 2015 22:56

Instrument :
 BNA_F
 ClientSampleId :
 SB15-17-10-10.5MS

Tgt Ion	Resp	Lower	Upper
196	131452		
198	97.5	77.0	115.4
97	33.3	31.9	47.9
132	22.3	20.3	30.5

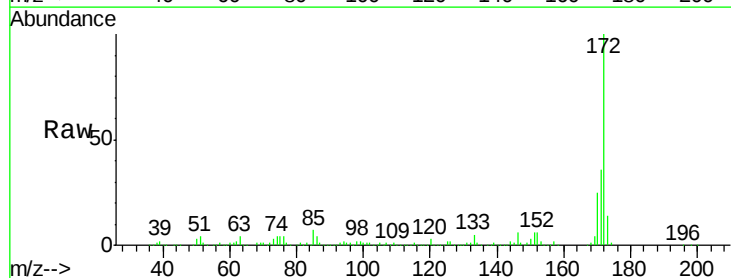


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

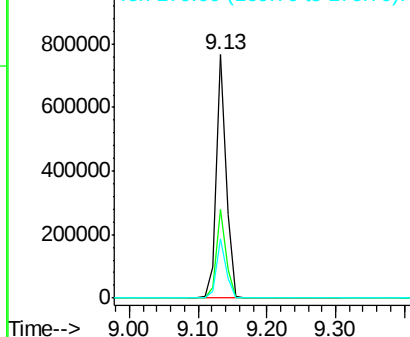
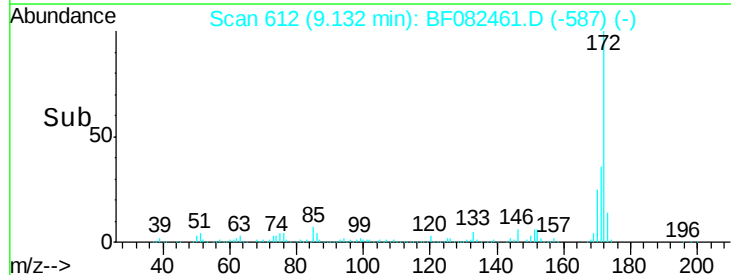


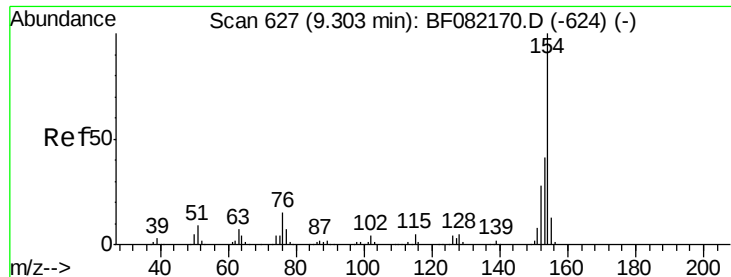
#44
 2-Fluorobiphenyl
 Concen: 82.52 ng
 RT: 9.13 min Scan# 612
 Delta R.T. -0.01 min
 Lab File: BF082461.D
 Acq: 22 Oct 2015 22:56

Tgt Ion	Resp	Lower	Upper
172	787976		
171	36.3	28.6	42.8
170	24.5	19.7	29.5



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

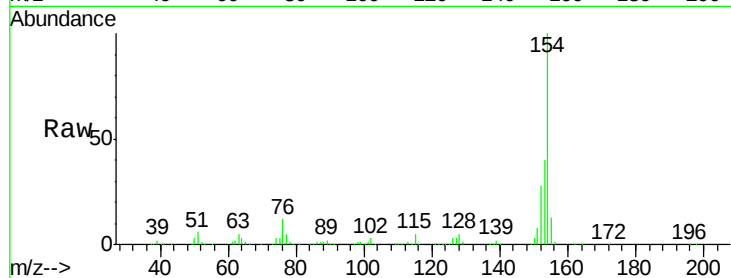




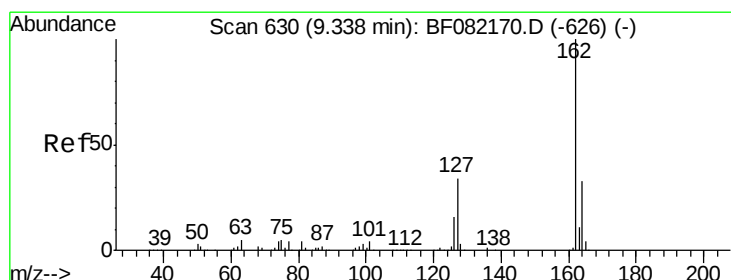
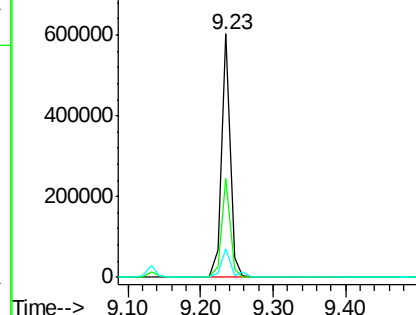
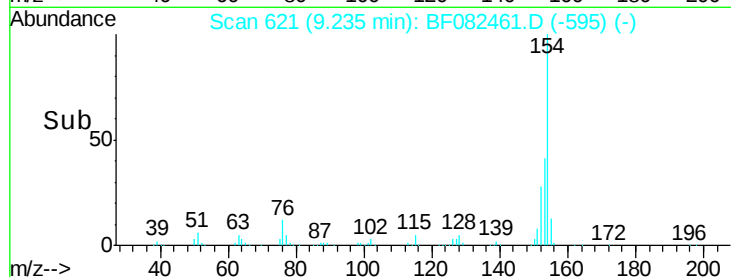
#45
 1,1'-Biphenyl
 Concen: 41.77 ng
 RT: 9.23 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: BF082461.D
 Acq: 22 Oct 2015 22:56

Instrument :
 BNA_F
 ClientSampleId :
 SB15-17-10-10.5MS

Tgt Ion:154 Resp: 504404
 Ion Ratio Lower Upper
 154 100
 153 40.4 20.6 60.6
 76 11.7 0.0 35.2

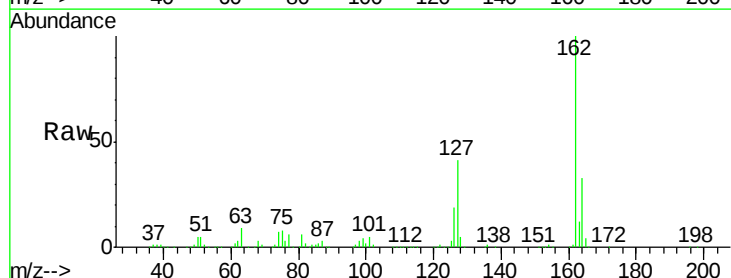


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

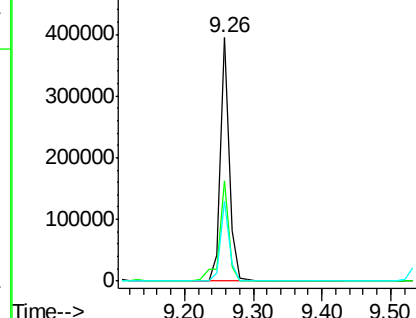
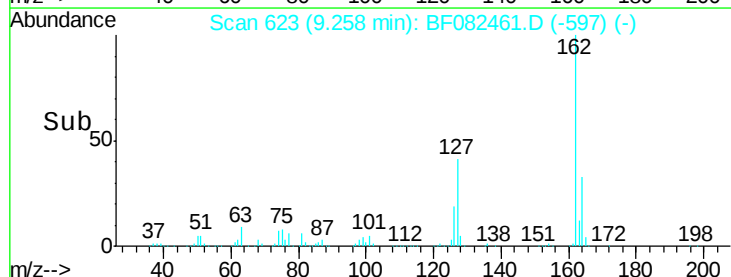


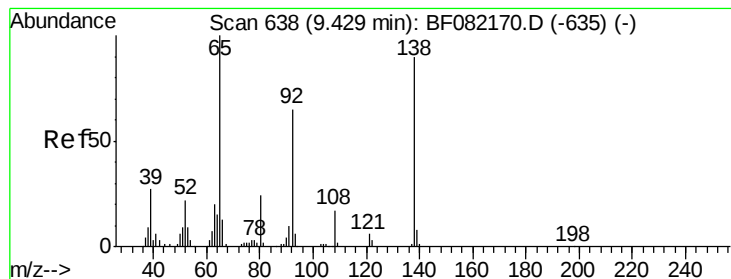
#46
 2-Chloronaphthalene
 Concen: 38.59 ng
 RT: 9.26 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF082461.D
 Acq: 22 Oct 2015 22:56

Tgt Ion:162 Resp: 366794
 Ion Ratio Lower Upper
 162 100
 127 41.3 27.5 41.3
 164 32.8 26.6 39.8



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 40.51 ng

RT: 9.36 min Scan# 632

Delta R.T. -0.01 min

Lab File: BF082461.D

Acq: 22 Oct 2015 22:56

Instrument :

BNA_F

ClientSampleId :

SB15-17-10-10.5MS

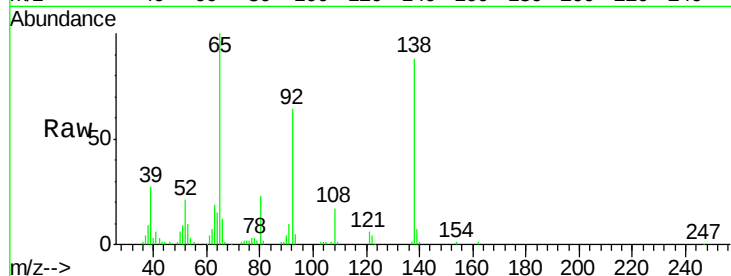
Tgt Ion: 65 Resp: 105719

Ion Ratio Lower Upper

65 100

92 63.7 52.3 78.5

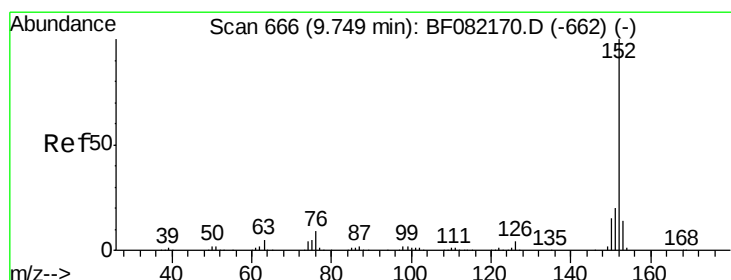
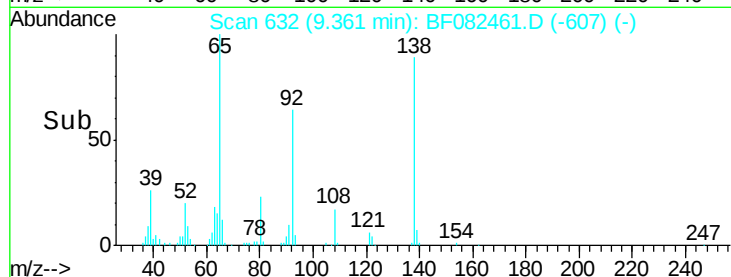
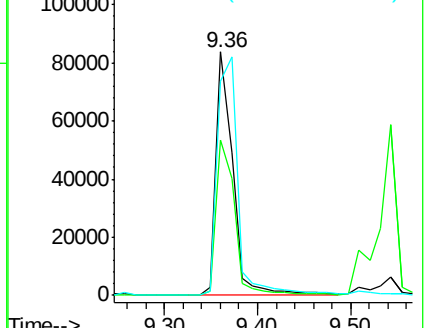
138 88.1 72.2 108.4



Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E



#48

Acenaphthylene

Concen: 37.36 ng

RT: 9.67 min Scan# 659

Delta R.T. -0.01 min

Lab File: BF082461.D

Acq: 22 Oct 2015 22:56

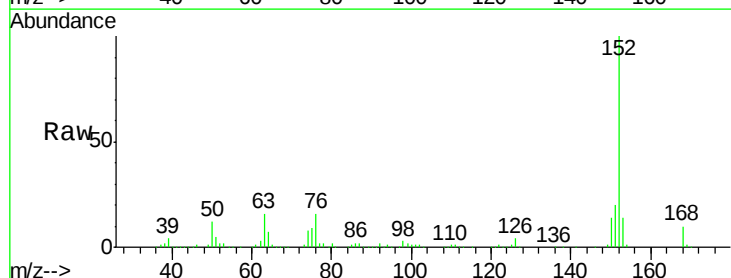
Tgt Ion: 152 Resp: 553261

Ion Ratio Lower Upper

152 100

151 20.1 16.4 24.6

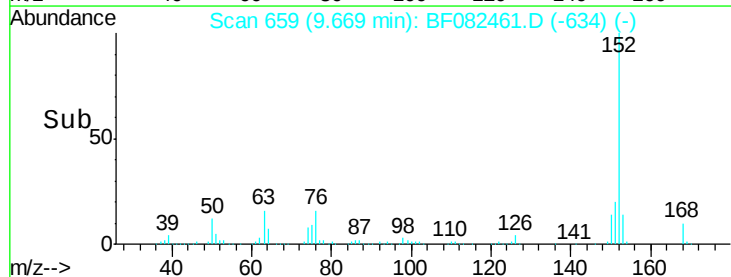
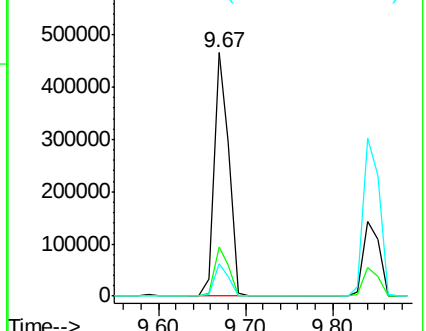
153 13.5 10.8 16.2

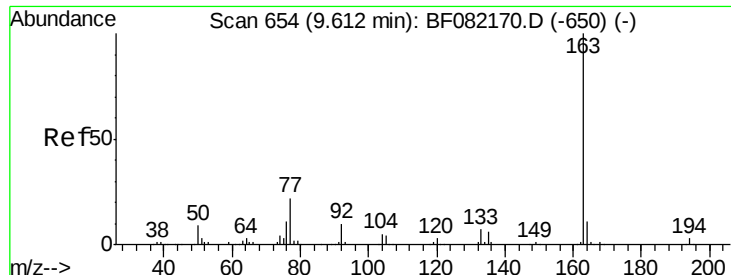


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 59.98 ng

RT: 9.54 min Scan# 648

Delta R.T. -0.01 min

Lab File: BF082461.D

Acq: 22 Oct 2015 22:56

Instrument :

BNA_F

ClientSampleId :

SB15-17-10-10.5MS

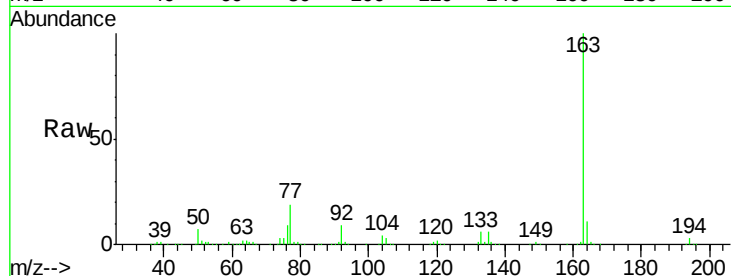
Tgt Ion:163 Resp: 668805

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

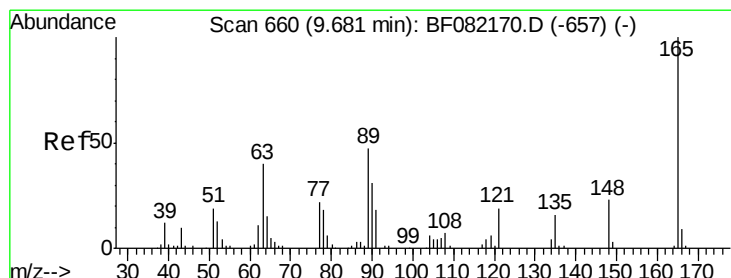
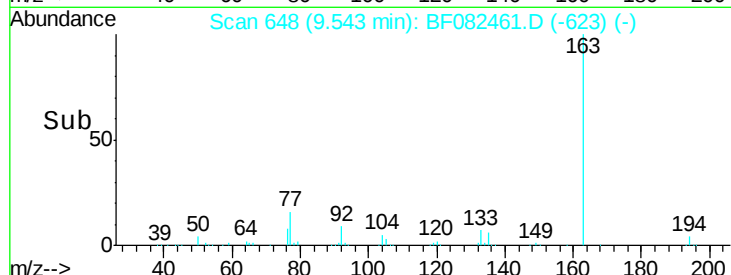
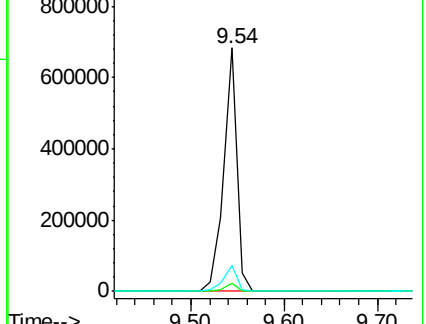
164 10.5 8.5 12.7



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: 44.58 ng

RT: 9.61 min Scan# 654

Delta R.T. 0.00 min

Lab File: BF082461.D

Acq: 22 Oct 2015 22:56

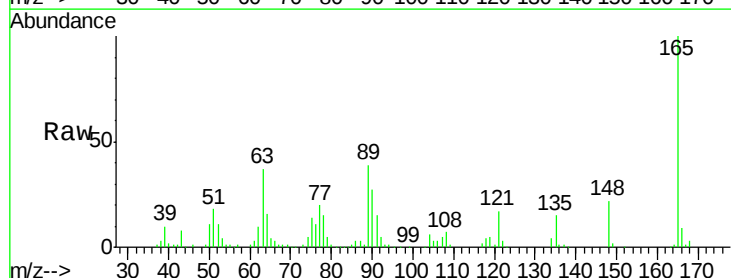
Tgt Ion:165 Resp: 104900

Ion Ratio Lower Upper

165 100

63 37.4 36.7 55.1

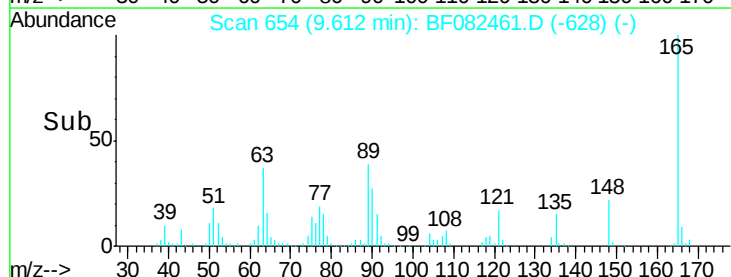
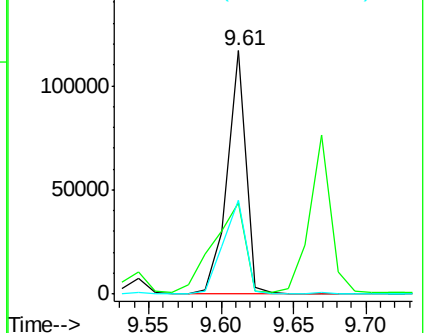
89 38.6 37.8 56.6

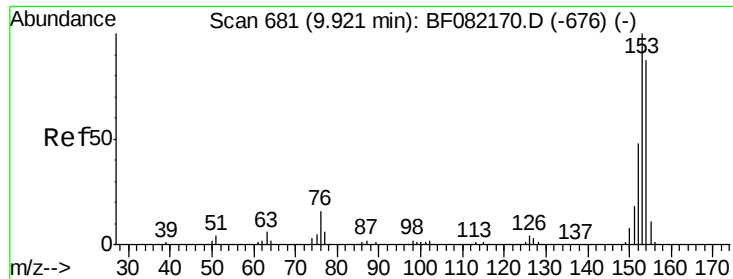


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.71 ng

RT: 9.84 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF082461.D

Acq: 22 Oct 2015 22:56

Instrument :

BNA_F

ClientSampleId :

SB15-17-10-10.5MS

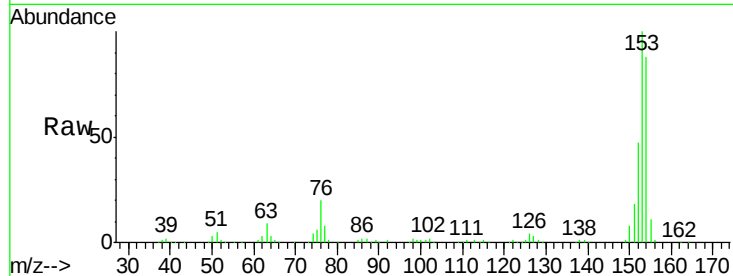
Tgt Ion:154 Resp: 335190

Ion Ratio Lower Upper

154 100

153 113.2 91.4 137.2

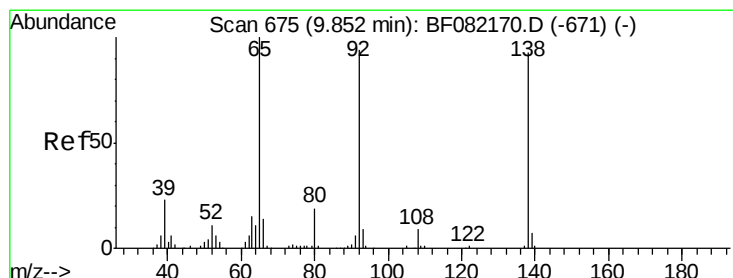
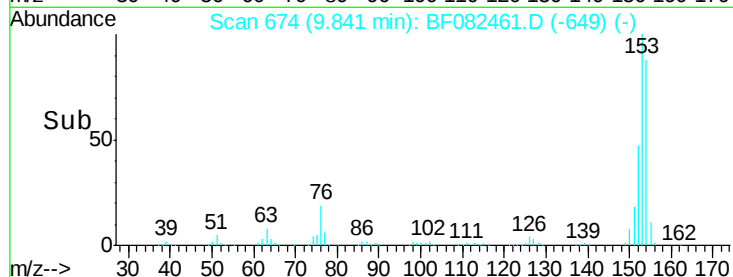
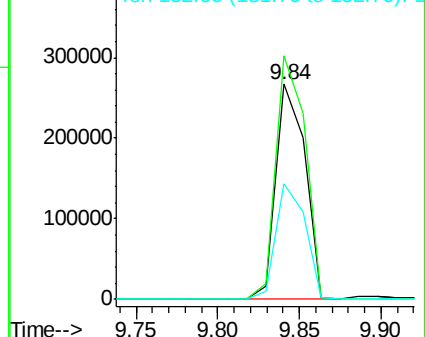
152 53.6 44.3 66.5



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: 29.50 ng

RT: 9.78 min Scan# 669

Delta R.T. 0.00 min

Lab File: BF082461.D

Acq: 22 Oct 2015 22:56

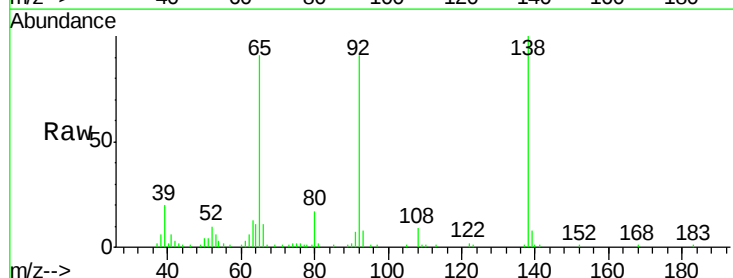
Tgt Ion:138 Resp: 78403

Ion Ratio Lower Upper

138 100

108 9.3 7.4 11.0

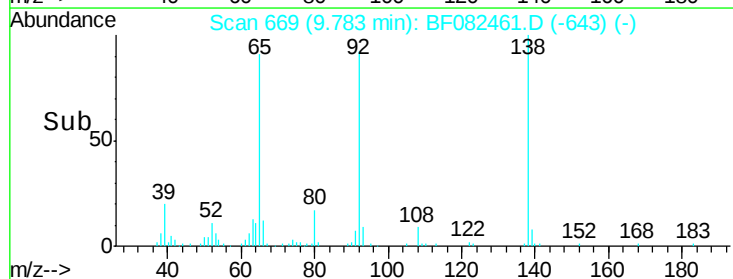
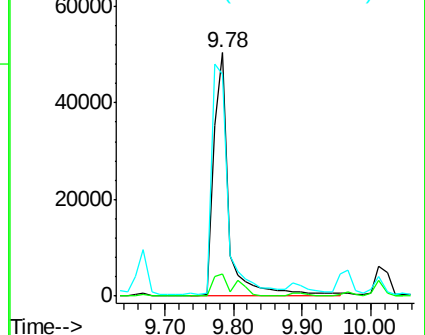
92 91.2 81.3 121.9



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

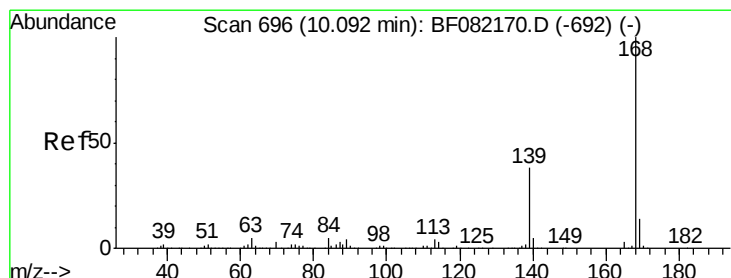
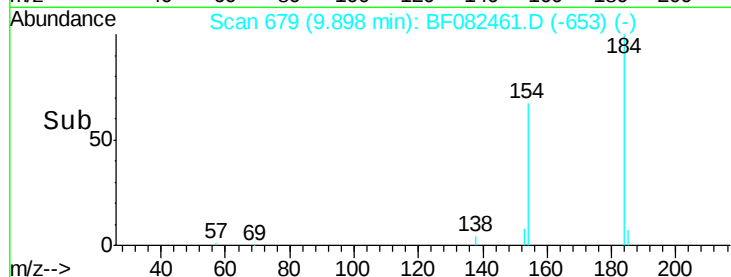
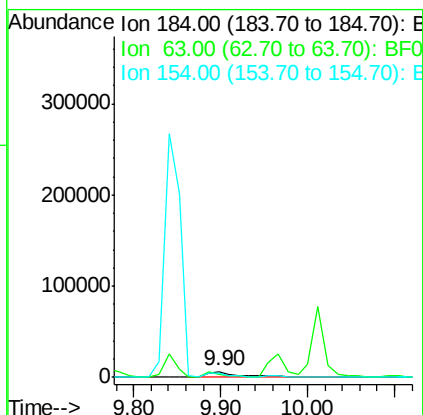
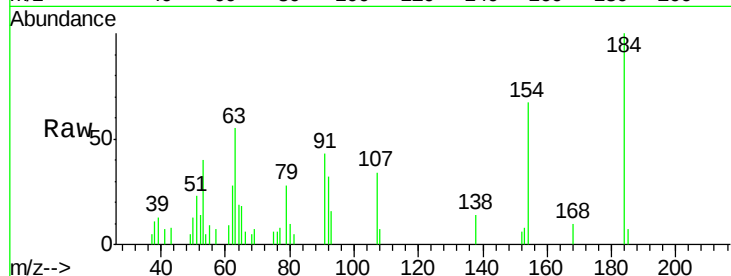




#53
 2,4-Dinitrophenol
 Concen: 17.44 ng
 RT: 9.90 min Scan# 679
 Delta R.T. 0.00 min
 Lab File: BF082461.D
 Acq: 22 Oct 2015 22:56

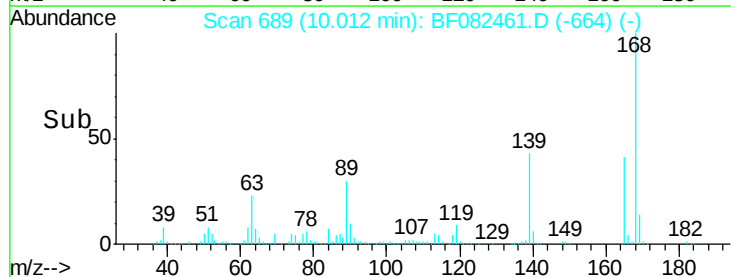
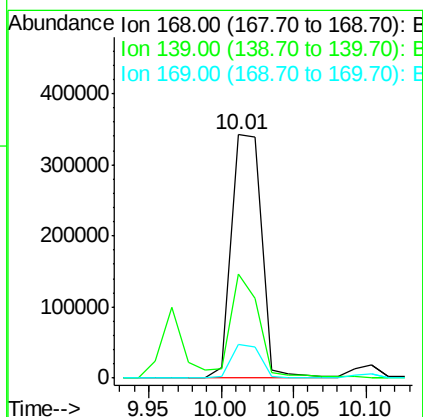
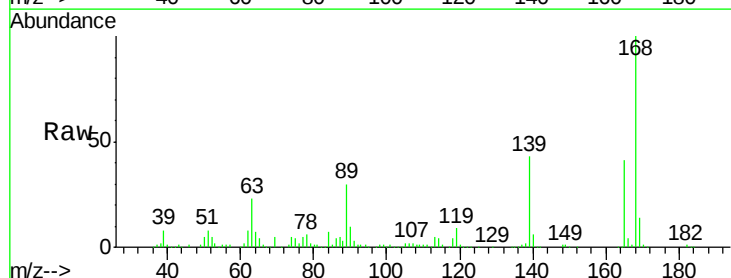
Instrument :
 BNA_F
 ClientSampleId :
 SB15-17-10-10.5MS

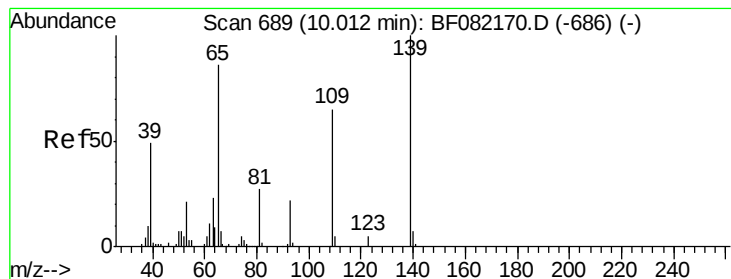
Tgt Ion:184 Resp: 15779
 Ion Ratio Lower Upper
 184 100
 63 55.3 45.1 67.7
 154 66.7 51.2 76.8



#54
 Dibenzofuran
 Concen: 40.58 ng
 RT: 10.01 min Scan# 689
 Delta R.T. -0.01 min
 Lab File: BF082461.D
 Acq: 22 Oct 2015 22:56

Tgt Ion:168 Resp: 495254
 Ion Ratio Lower Upper
 168 100
 139 42.9 31.0 46.6
 169 13.9 10.9 16.3





#55

4-Nitrophenol

Concen: 63.70 ng

RT: 9.97 min Scan# 685

Delta R.T. 0.00 min

Lab File: BF082461.D

Acq: 22 Oct 2015 22:56

Instrument :

BNA_F

ClientSampleId :

SB15-17-10-10.5MS

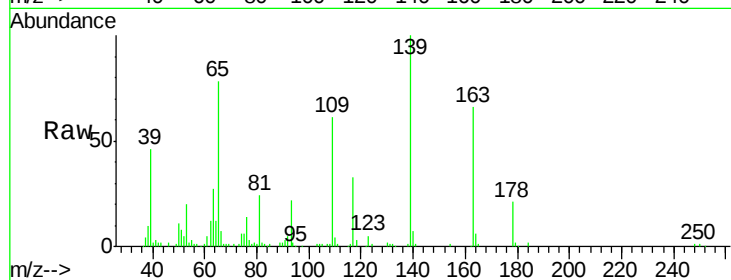
Tgt Ion:139 Resp: 107410

Ion Ratio Lower Upper

139 100

109 61.2 44.8 84.8

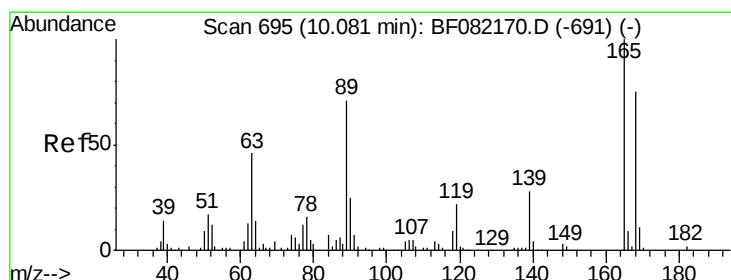
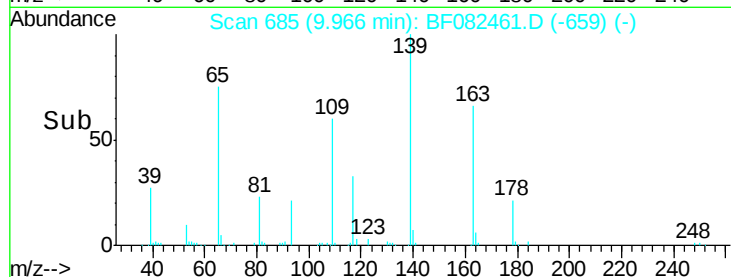
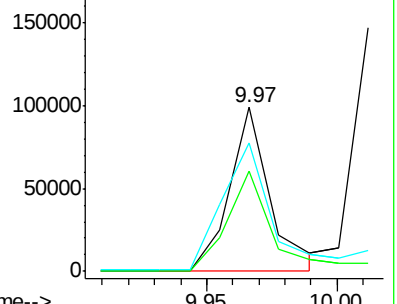
65 78.1 67.7 107.7



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 42.79 ng

RT: 10.01 min Scan# 689

Delta R.T. -0.01 min

Lab File: BF082461.D

Acq: 22 Oct 2015 22:56

Tgt Ion:165 Resp: 125821

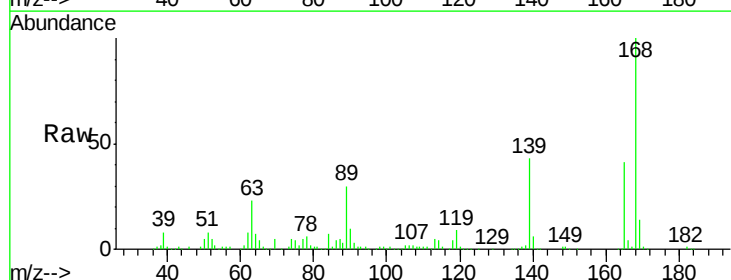
Ion Ratio Lower Upper

165 100

63 55.3 38.6 58.0

89 72.8 57.0 85.6

182 2.2 1.8 2.6

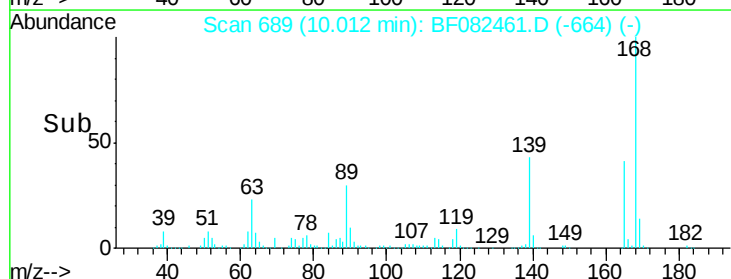
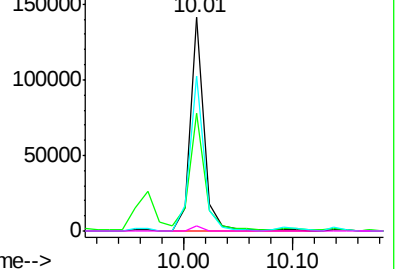


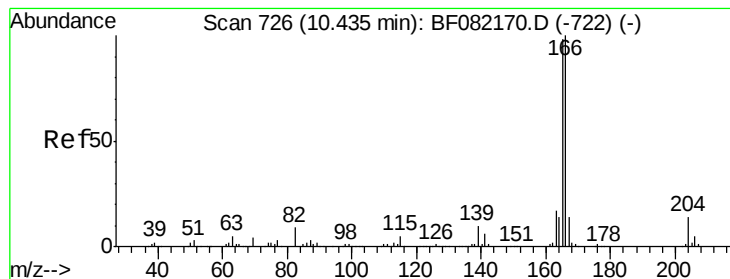
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 39.11 ng

RT: 10.37 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF082461.D

Acq: 22 Oct 2015 22:56

Instrument :

BNA_F

ClientSampleId :

SB15-17-10-10.5MS

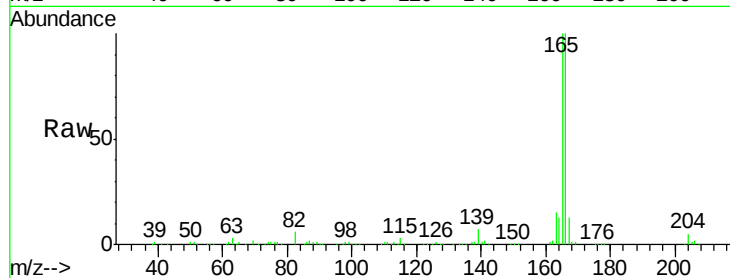
Tgt Ion:166 Resp: 392086

Ion Ratio Lower Upper

166 100

165 100.2 78.3 117.5

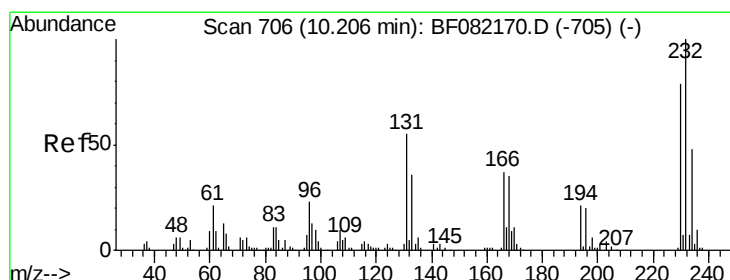
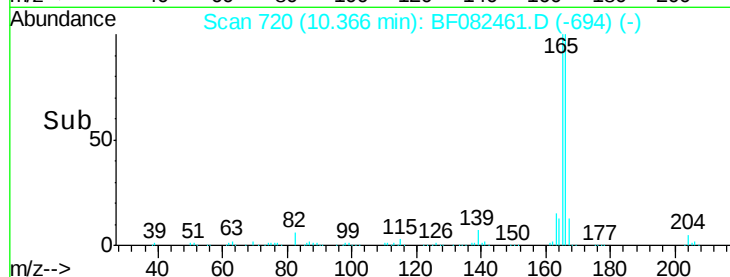
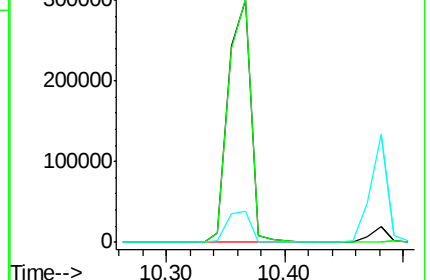
167 12.7 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 35.23 ng

RT: 10.14 min Scan# 700

Delta R.T. -0.01 min

Lab File: BF082461.D

Acq: 22 Oct 2015 22:56

Tgt Ion:232 Resp: 97558

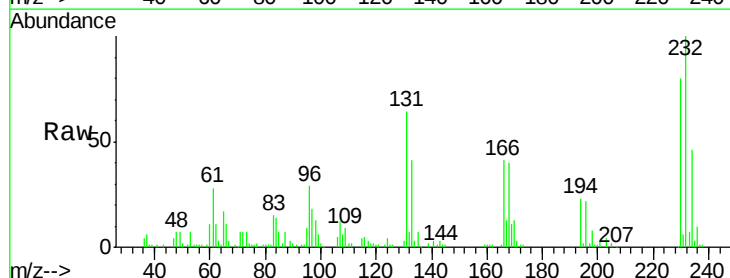
Ion Ratio Lower Upper

232 100

131 45.0 36.6 54.8

130 2.2 1.5 2.3

166 29.6 24.6 37.0

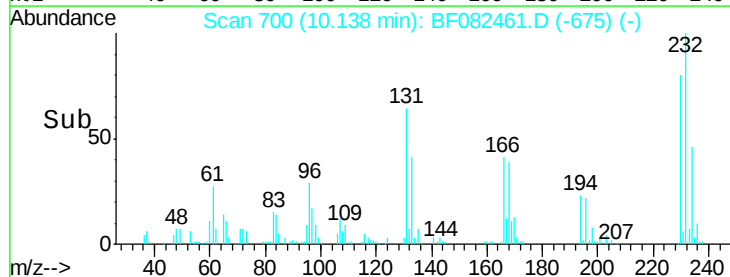
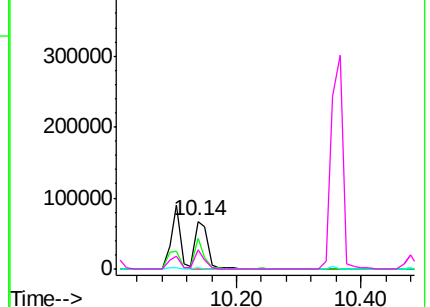


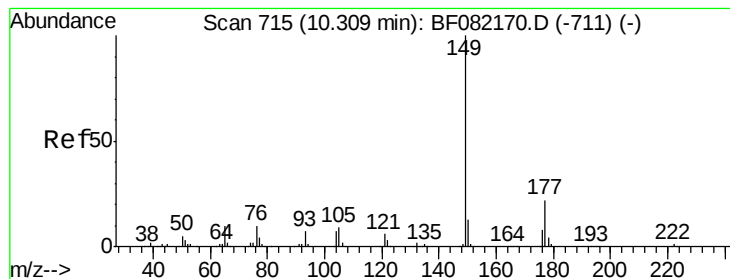
Abundance Ion 232.00 (231.70 to 232.70): E

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: 43.23 ng

RT: 10.24 min Scan# 709

Delta R.T. -0.01 min

Lab File: BF082461.D

Acq: 22 Oct 2015 22:56

Instrument :

BNA_F

ClientSampleId :

SB15-17-10-10.5MS

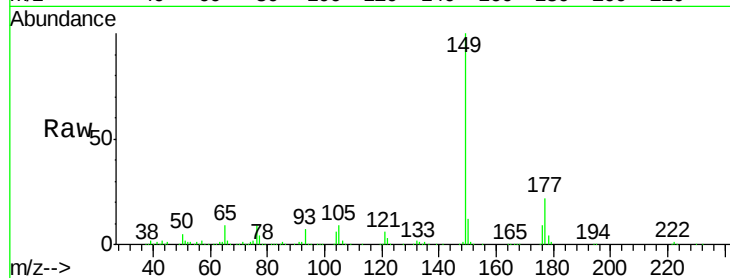
Tgt Ion:149 Resp: 449363

Ion Ratio Lower Upper

149 100

177 22.1 17.6 26.4

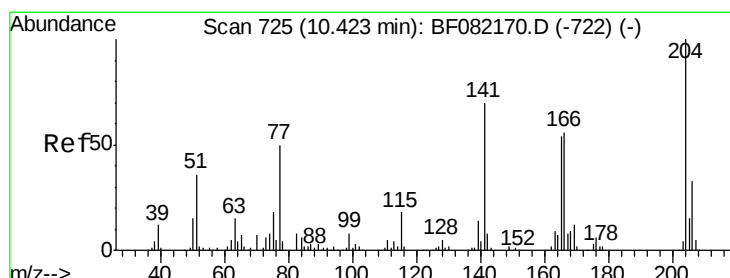
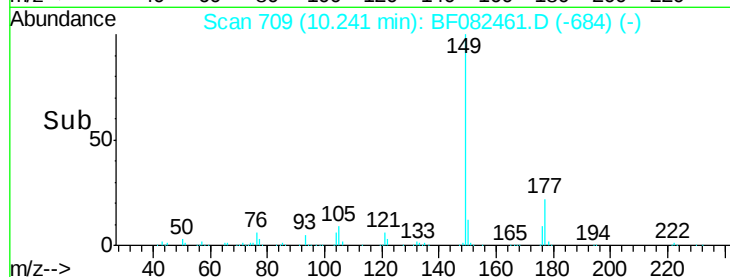
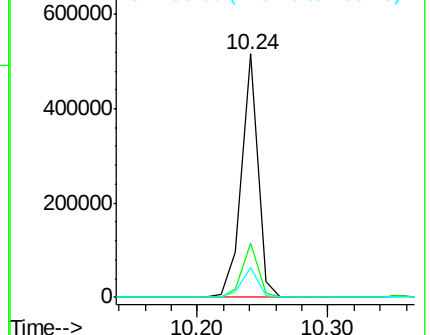
150 12.5 10.3 15.5



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: 43.94 ng

RT: 10.35 min Scan# 719

Delta R.T. 0.00 min

Lab File: BF082461.D

Acq: 22 Oct 2015 22:56

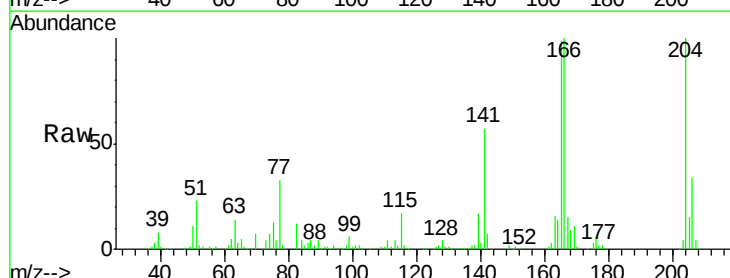
Tgt Ion:204 Resp: 201753

Ion Ratio Lower Upper

204 100

206 34.4 26.8 40.2

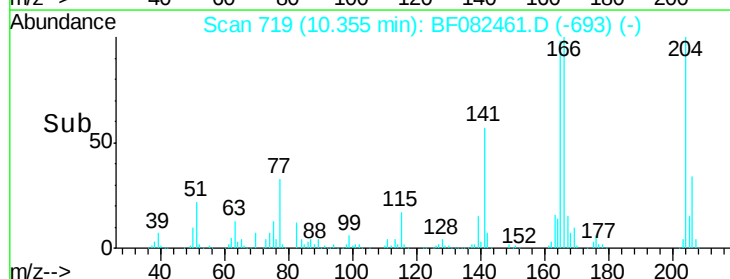
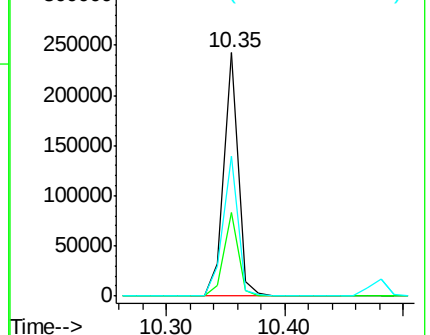
141 57.4 56.1 84.1

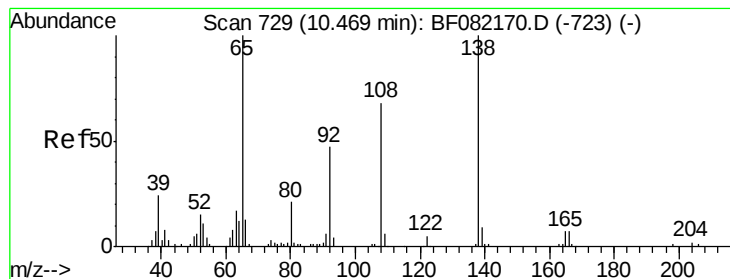


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 33.26 ng

RT: 10.39 min Scan# 722

Delta R.T. -0.02 min

Lab File: BF082461.D

Acq: 22 Oct 2015 22:56

Instrument :

BNA_F

ClientSampleId :

SB15-17-10-10.5MS

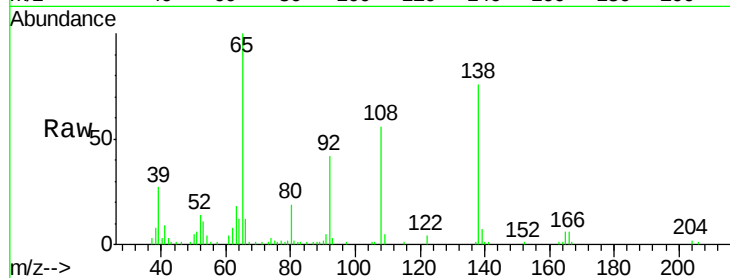
Tgt Ion:138 Resp: 85749

Ion Ratio Lower Upper

138 100

92 54.8 26.8 66.8

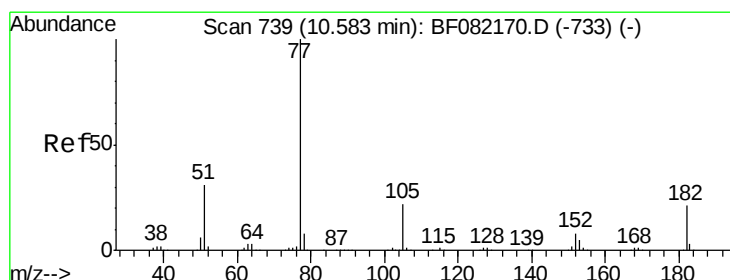
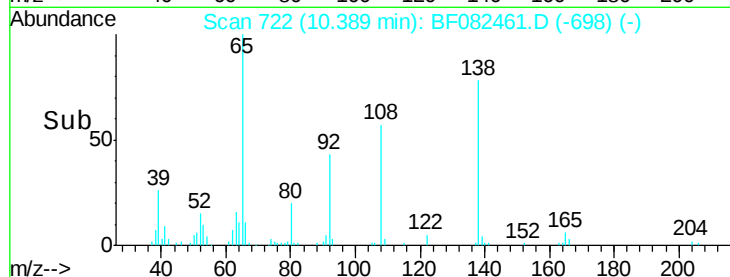
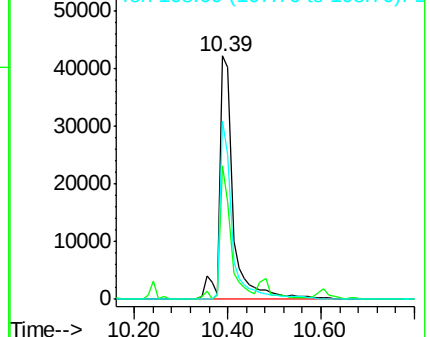
108 73.2 48.4 88.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 40.47 ng

RT: 10.51 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF082461.D

Acq: 22 Oct 2015 22:56

Tgt Ion: 77 Resp: 411681

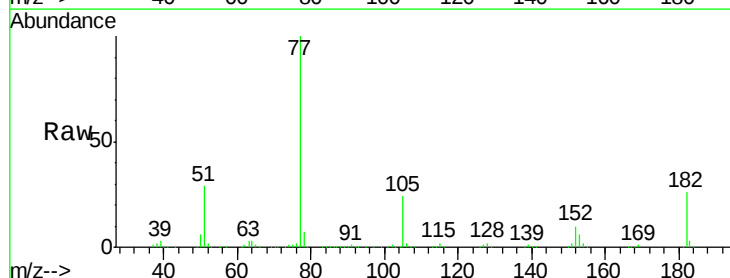
Ion Ratio Lower Upper

77 100

182 26.2 0.5 40.5

105 23.7 1.8 41.8

51 28.7 11.2 51.2

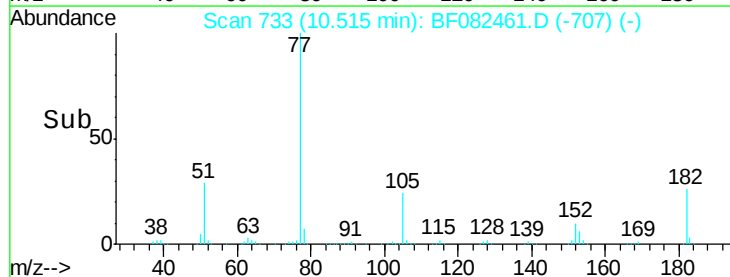
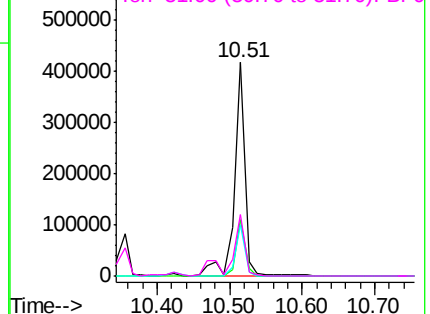


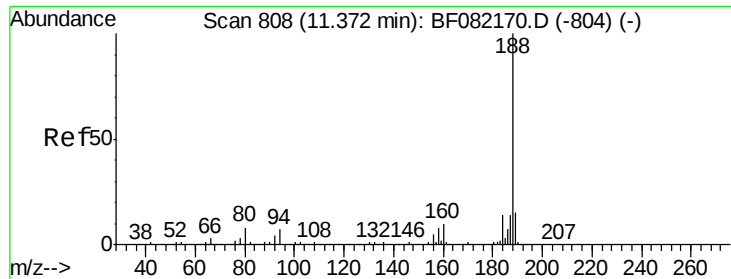
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

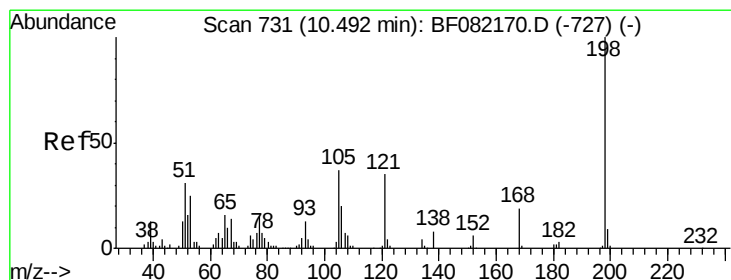
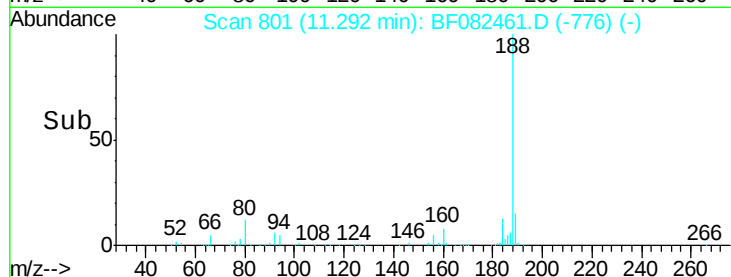
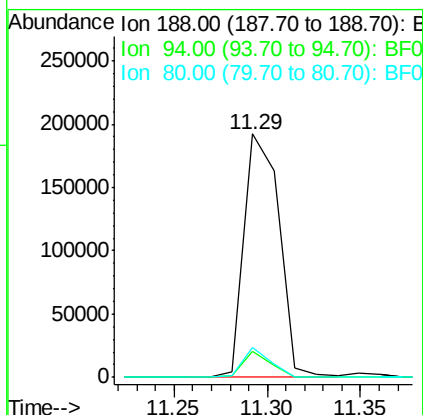
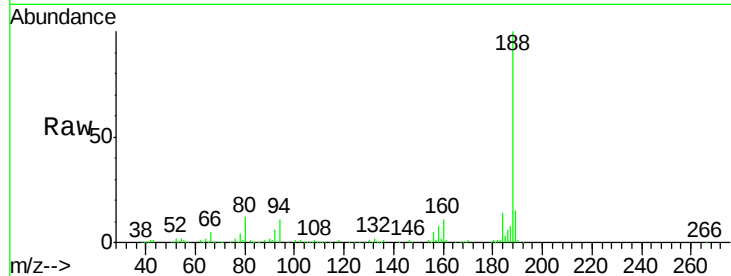




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF082461.D
Acq: 22 Oct 2015 22:56

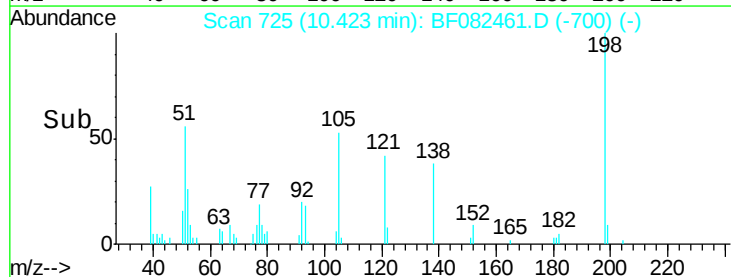
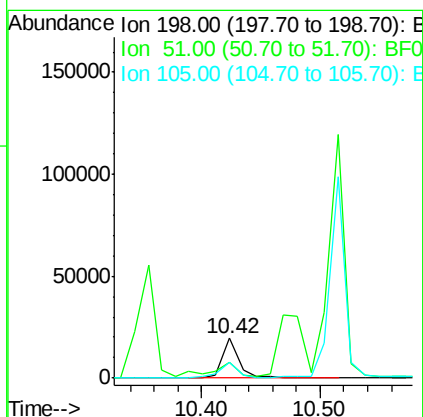
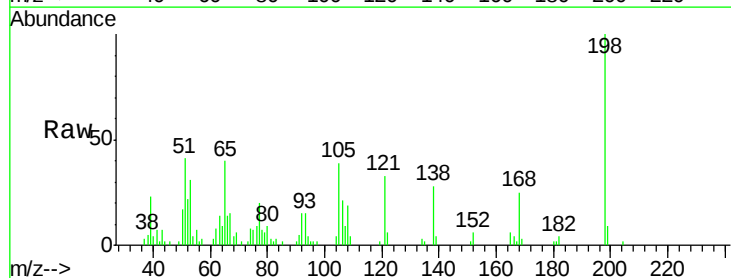
Instrument :
BNA_F
ClientSampleId :
SB15-17-10-10.5MS

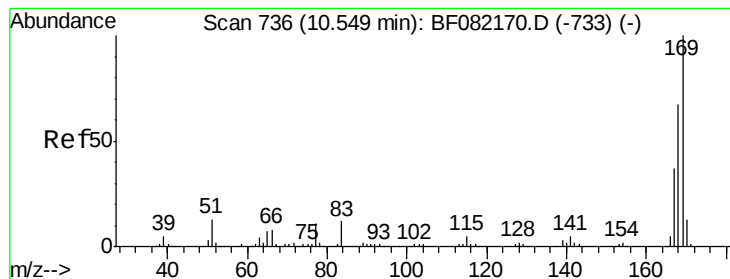
Tgt Ion:188 Resp: 254639
Ion Ratio Lower Upper
188 100
94 10.9 5.8 8.6#
80 12.4 6.4 9.6#



#64
4,6-Dinitro-2-methylphenol
Concen: 13.11 ng
RT: 10.42 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF082461.D
Acq: 22 Oct 2015 22:56

Tgt Ion:198 Resp: 18734
Ion Ratio Lower Upper
198 100
51 40.8 13.6 53.6
105 38.6 17.1 57.1

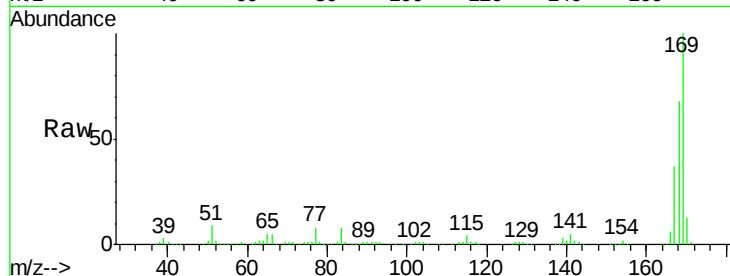




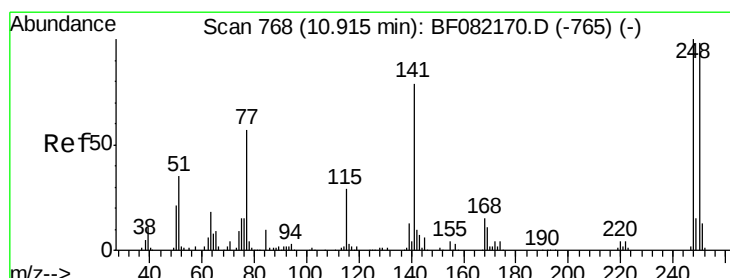
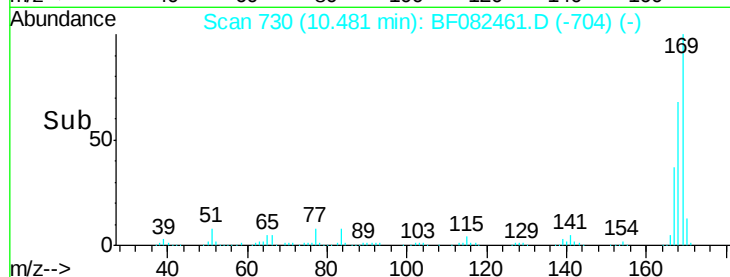
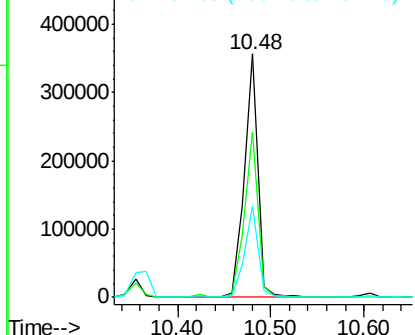
#65
 n-Nitrosodiphenylamine
 Concen: 47.34 ng
 RT: 10.48 min Scan# 730
 Delta R.T. 0.00 min
 Lab File: BF082461.D
 Acq: 22 Oct 2015 22:56

Instrument :
 BNA_F
 ClientSampleId :
 SB15-17-10-10.5MS

Tgt Ion:169 Resp: 360944
 Ion Ratio Lower Upper
 169 100
 168 68.0 54.0 81.0
 167 37.3 29.6 44.4

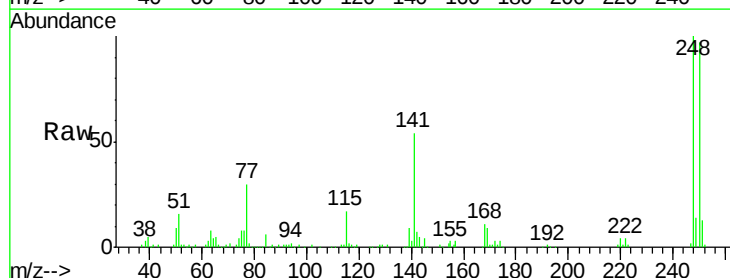


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

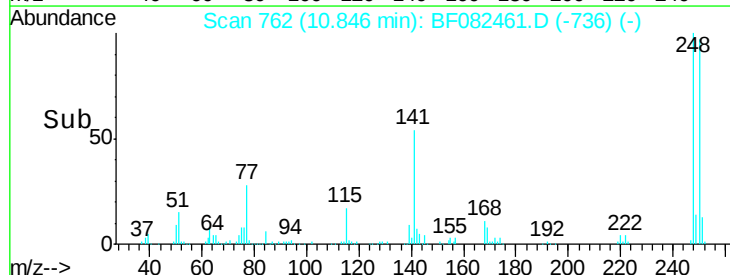
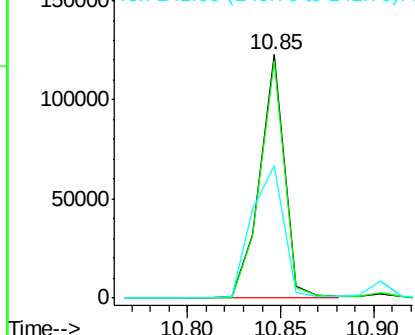


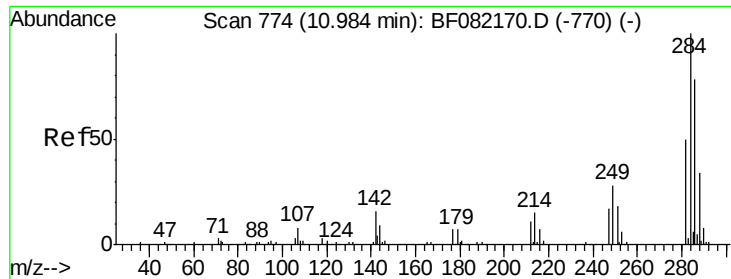
#66
 4-Bromophenyl-phenylether
 Concen: 43.96 ng
 RT: 10.85 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BF082461.D
 Acq: 22 Oct 2015 22:56

Tgt Ion:248 Resp: 112032
 Ion Ratio Lower Upper
 248 100
 250 97.4 78.6 117.8
 141 54.2 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

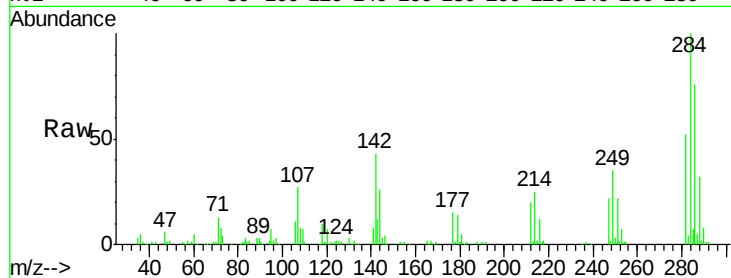




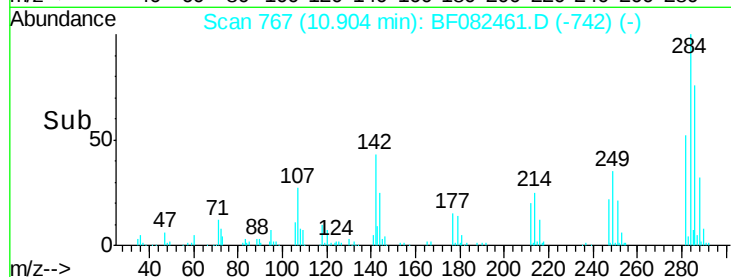
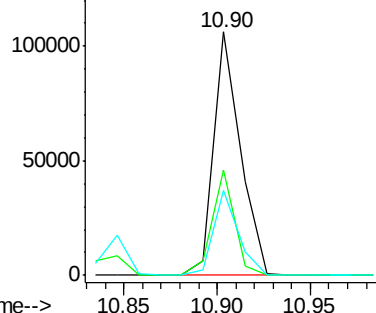
#67
Hexachlorobenzene
Concen: 38.43 ng
RT: 10.90 min Scan# 767
Delta R.T. -0.01 min
Lab File: BF082461.D
Acq: 22 Oct 2015 22:56

Instrument :
BNA_F
ClientSampleId :
SB15-17-10-10.5MS

Tgt Ion:284 Resp: 105904
Ion Ratio Lower Upper
284 100
142 43.4 13.0 19.6#
249 34.9 22.5 33.7#

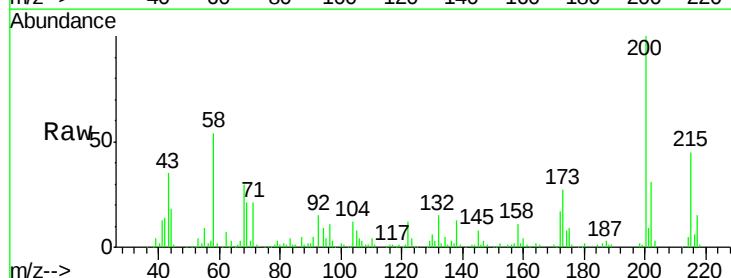


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

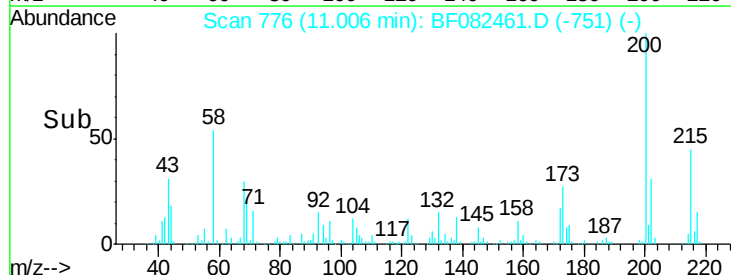
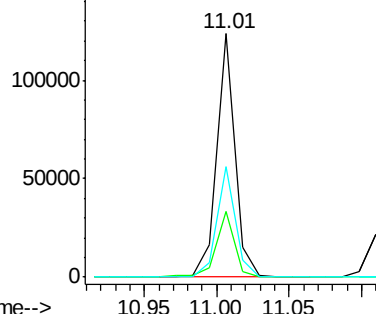


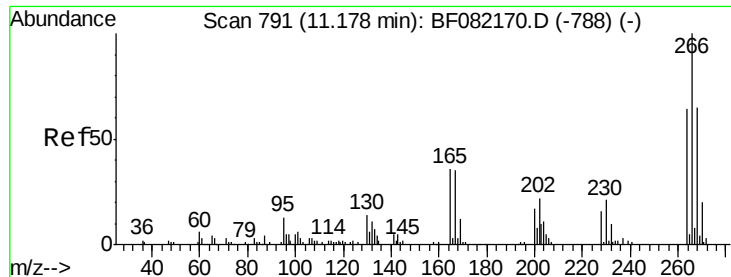
#68
Atrazine
Concen: 44.57 ng
RT: 11.01 min Scan# 776
Delta R.T. -0.01 min
Lab File: BF082461.D
Acq: 22 Oct 2015 22:56

Tgt Ion:200 Resp: 107648
Ion Ratio Lower Upper
200 100
173 27.2 7.3 47.3
215 45.4 26.2 66.2



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

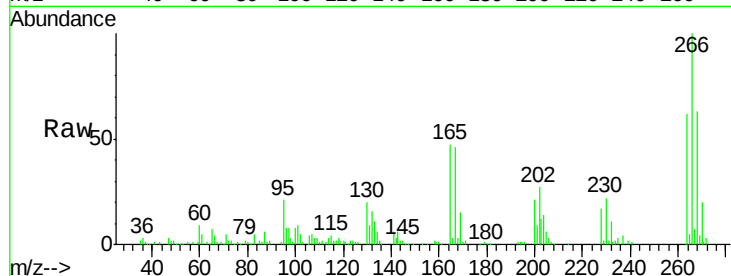




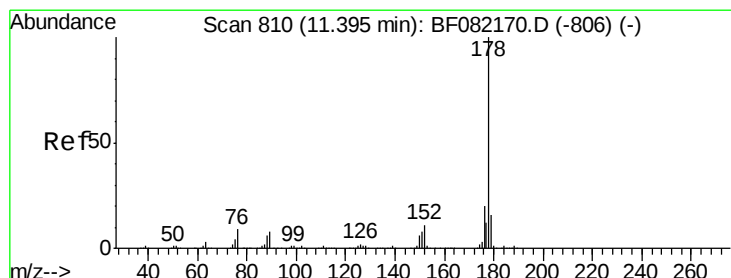
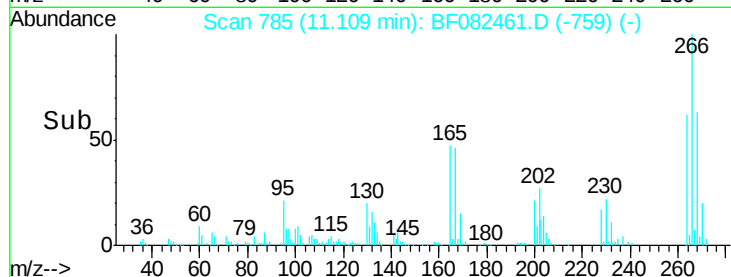
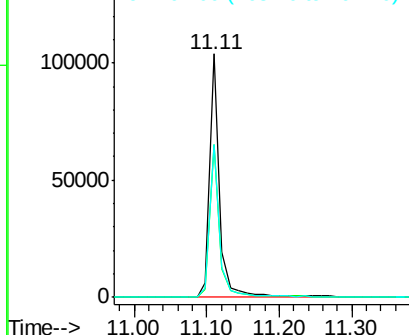
#69
 Pentachlorophenol
 Concen: 70.93 ng
 RT: 11.11 min Scan# 785
 Delta R.T. 0.00 min
 Lab File: BF082461.D
 Acq: 22 Oct 2015 22:56

Instrument :
 BNA_F
 ClientSampleId :
 SB15-17-10-10.5MS

Tgt Ion:266 Resp: 100596
 Ion Ratio Lower Upper
 266 100
 268 62.5 52.0 78.0
 264 62.5 51.4 77.0

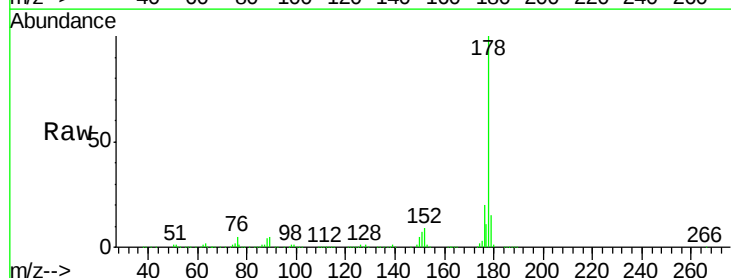


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

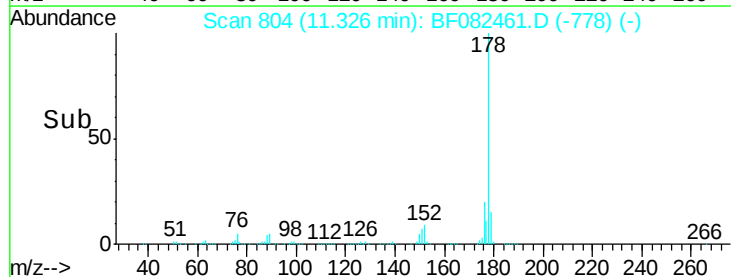
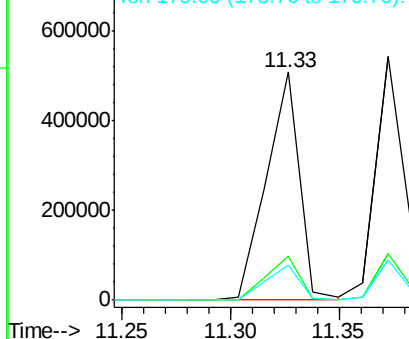


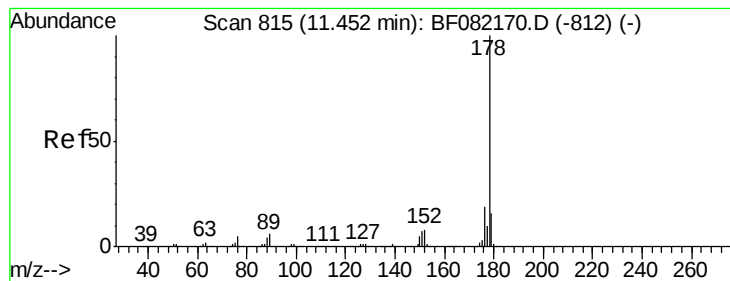
#70
 Phenanthrene
 Concen: 43.10 ng
 RT: 11.33 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: BF082461.D
 Acq: 22 Oct 2015 22:56

Tgt Ion:178 Resp: 538010
 Ion Ratio Lower Upper
 178 100
 176 19.5 16.0 24.0
 179 15.3 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: 40.85 ng

RT: 11.37 min Scan# 808

Delta R.T. -0.01 min

Lab File: BF082461.D

Acq: 22 Oct 2015 22:56

Instrument :

BNA_F

ClientSampleId :

SB15-17-10-10.5MS

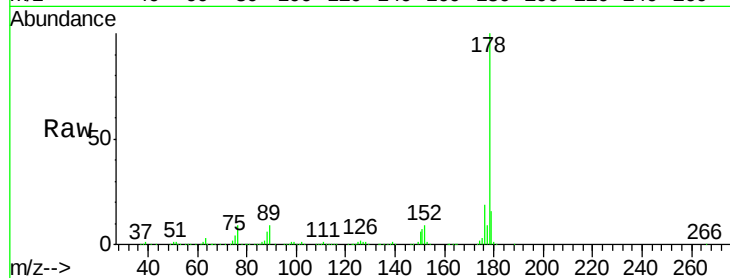
Tgt Ion:178 Resp: 525392

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.0

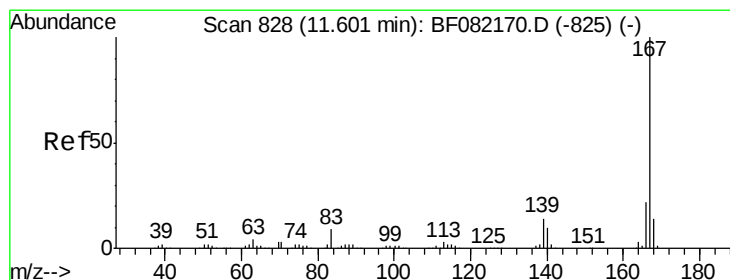
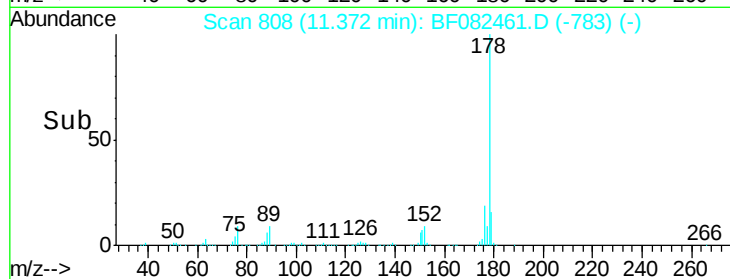
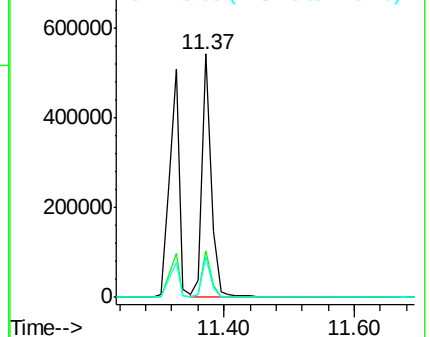
179 16.3 12.5 18.7



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: 38.28 ng

RT: 11.53 min Scan# 822

Delta R.T. -0.01 min

Lab File: BF082461.D

Acq: 22 Oct 2015 22:56

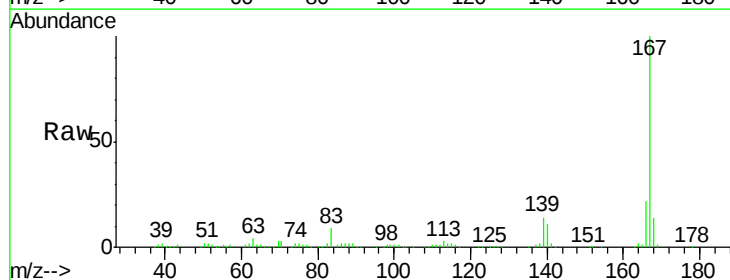
Tgt Ion:167 Resp: 449157

Ion Ratio Lower Upper

167 100

166 21.6 17.3 25.9

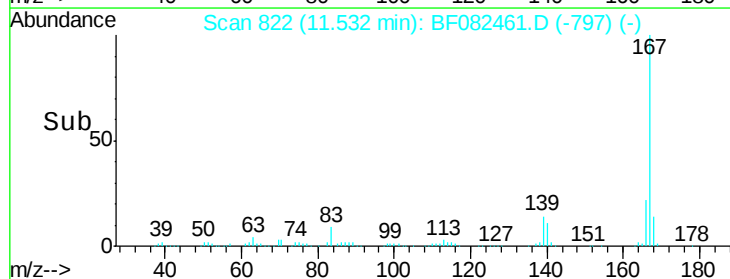
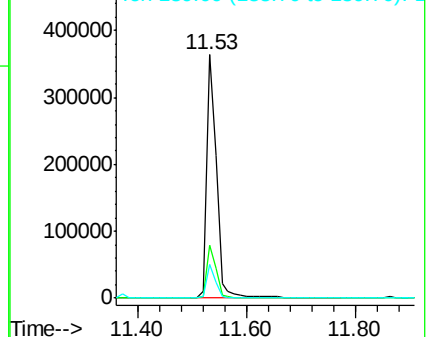
139 14.0 11.2 16.8



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

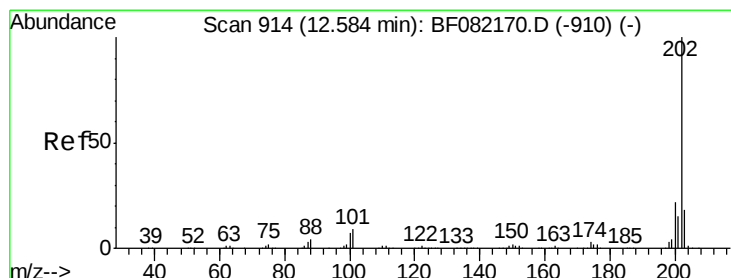
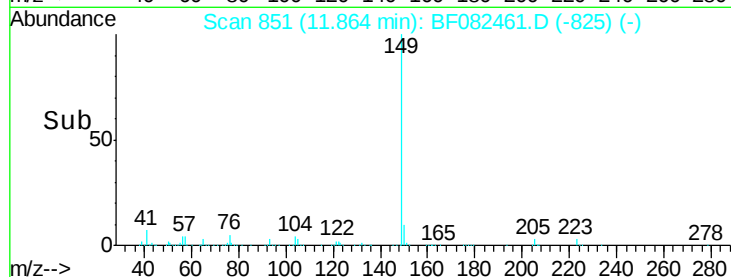
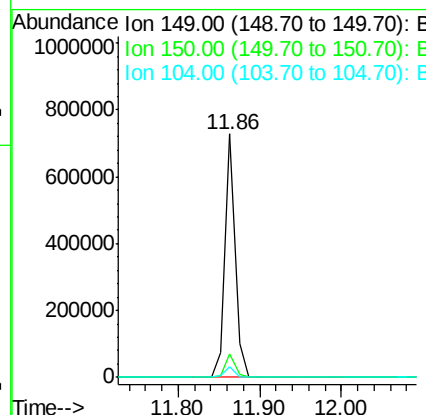
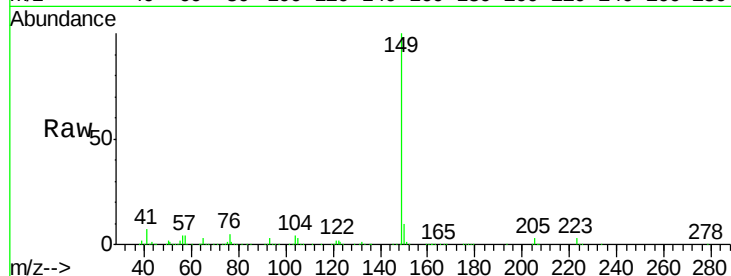




#73
Di-n-butylphthalate
Concen: 42.96 ng
RT: 11.86 min Scan# 851
Delta R.T. 0.00 min
Lab File: BF082461.D
Acq: 22 Oct 2015 22:56

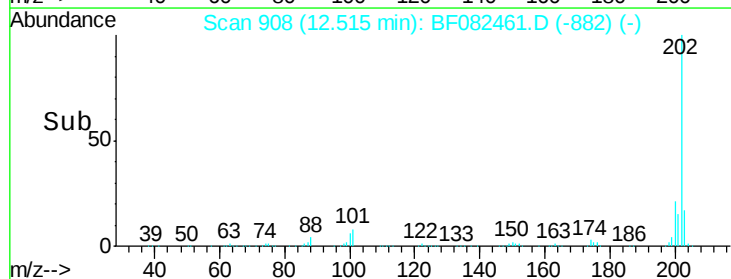
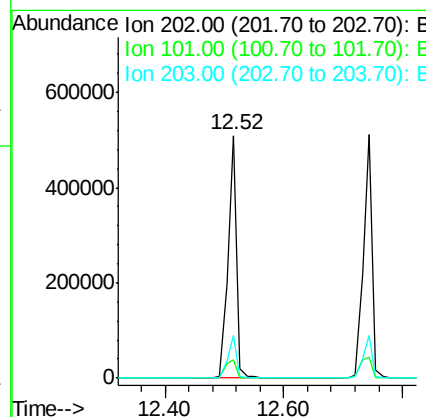
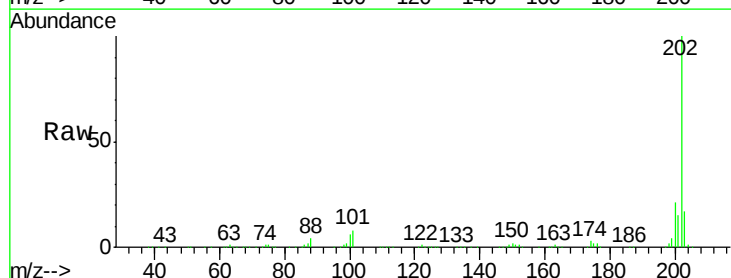
Instrument :
BNA_F
ClientSampleId :
SB15-17-10-10.5MS

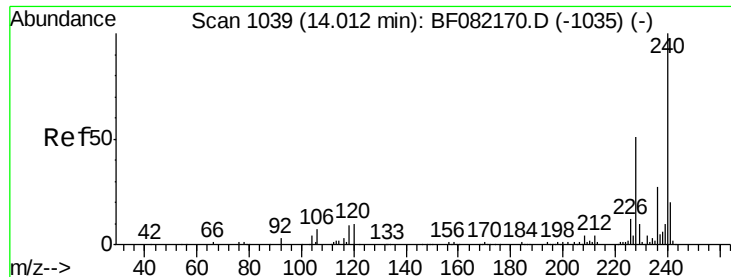
Tgt Ion:149 Resp: 621770
Ion Ratio Lower Upper
149 100
150 9.7 7.8 11.6
104 4.5 3.8 5.8



#74
Fluoranthene
Concen: 38.41 ng
RT: 12.52 min Scan# 908
Delta R.T. 0.00 min
Lab File: BF082461.D
Acq: 22 Oct 2015 22:56

Tgt Ion:202 Resp: 514955
Ion Ratio Lower Upper
202 100
101 7.6 0.0 29.3
203 17.4 0.0 37.8

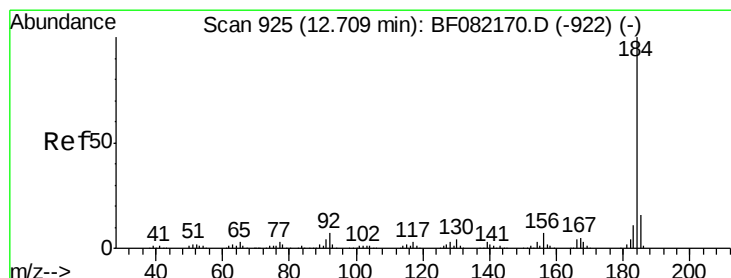
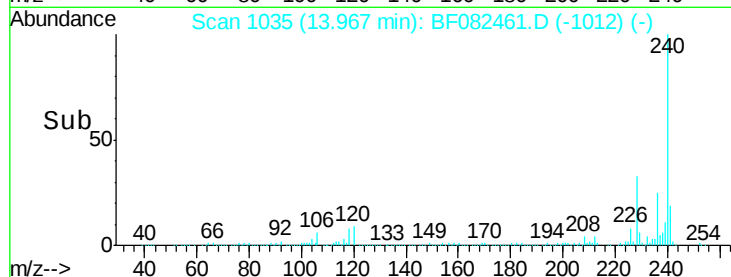
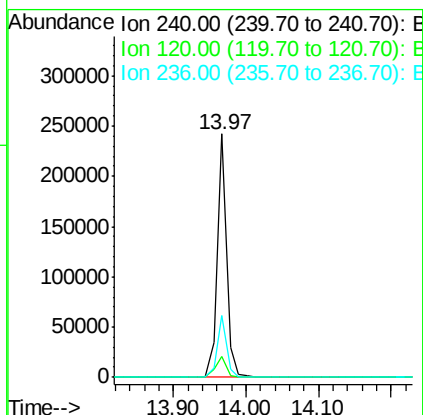
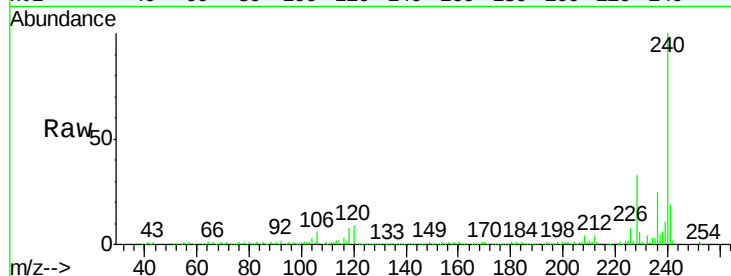




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1035
Delta R.T. -0.03 min
Lab File: BF082461.D
Acq: 22 Oct 2015 22:56

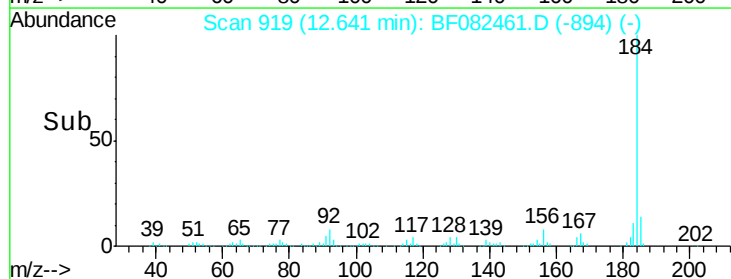
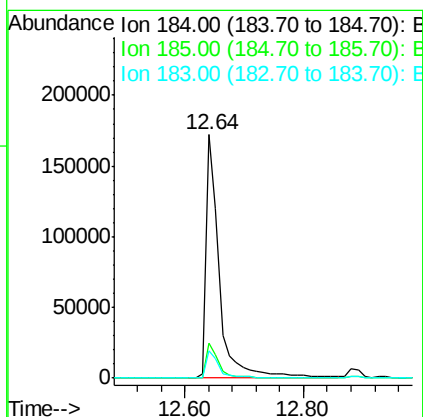
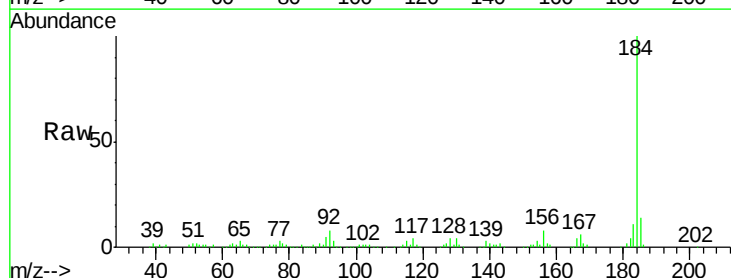
Instrument :
BNA_F
ClientSampleId :
SB15-17-10-10.5MS

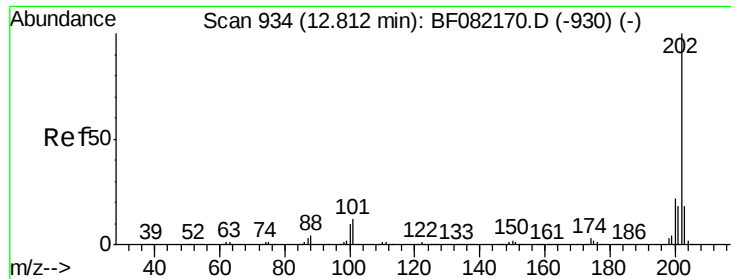
Tgt Ion:240 Resp: 217306
Ion Ratio Lower Upper
240 100
120 8.8 8.1 12.1
236 25.2 21.3 31.9



#76
Benzidine
Concen: 43.21 ng
RT: 12.64 min Scan# 919
Delta R.T. -0.01 min
Lab File: BF082461.D
Acq: 22 Oct 2015 22:56

Tgt Ion:184 Resp: 272107
Ion Ratio Lower Upper
184 100
185 14.1 12.5 18.7
183 11.2 9.1 13.7

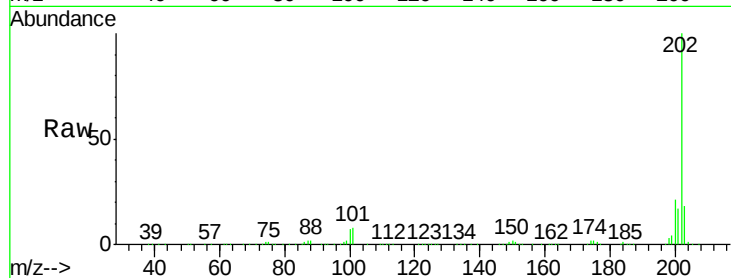




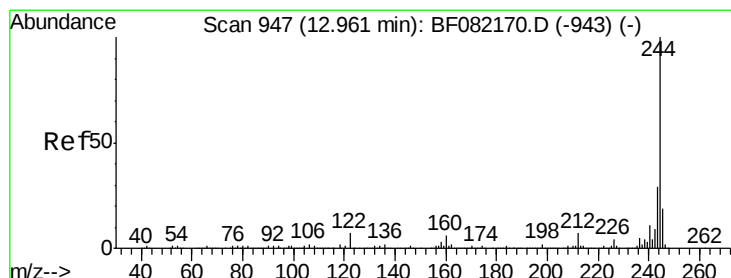
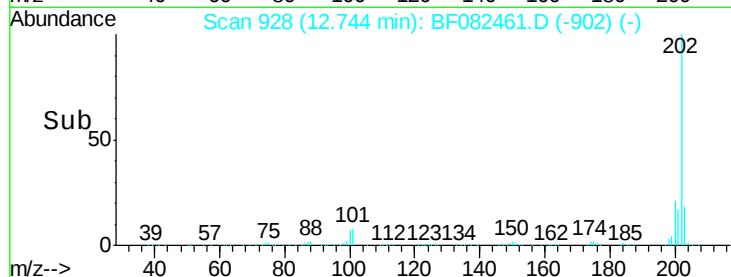
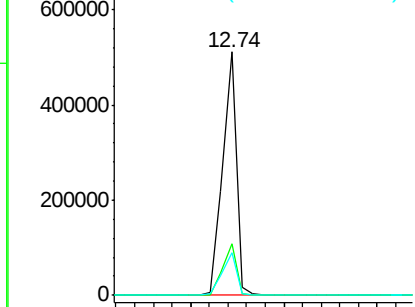
#77
 Pyrene
 Concen: 40.66 ng
 RT: 12.74 min Scan# 928
 Delta R.T. 0.00 min
 Lab File: BF082461.D
 Acq: 22 Oct 2015 22:56

Instrument :
 BNA_F
 ClientSampleId :
 SB15-17-10-10.5MS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.9	26.9
203	17.5	14.5	21.7

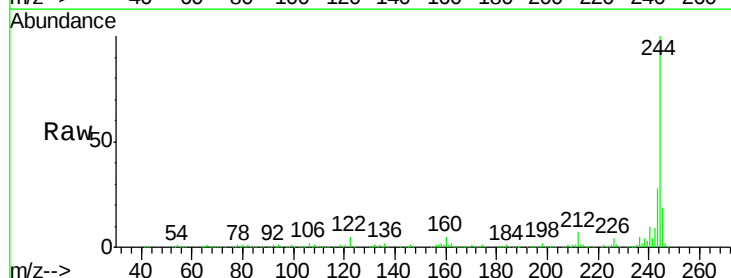


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

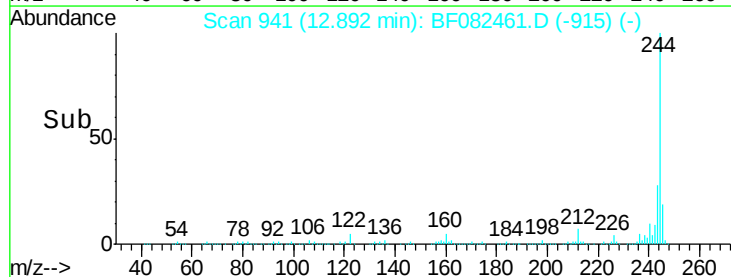
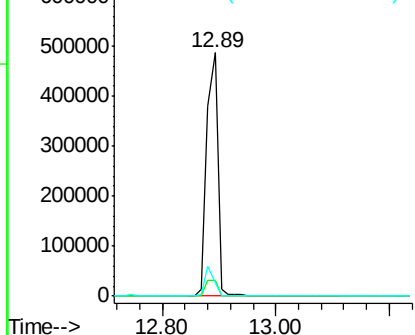


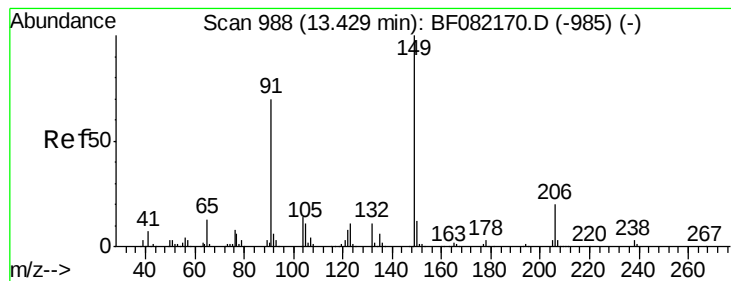
#78
 Terphenyl-d14
 Concen: 76.44 ng
 RT: 12.89 min Scan# 941
 Delta R.T. 0.00 min
 Lab File: BF082461.D
 Acq: 22 Oct 2015 22:56

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.8	8.6
122	5.5	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: 39.98 ng

RT: 13.37 min Scan# 983

Delta R.T. -0.01 min

Lab File: BF082461.D

Acq: 22 Oct 2015 22:56

Instrument :

BNA_F

ClientSampleId :

SB15-17-10-10.5MS

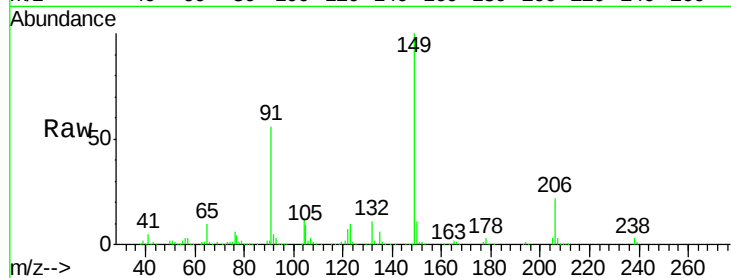
Tgt Ion:149 Resp: 235266

Ion Ratio Lower Upper

149 100

91 56.0 55.7 83.5

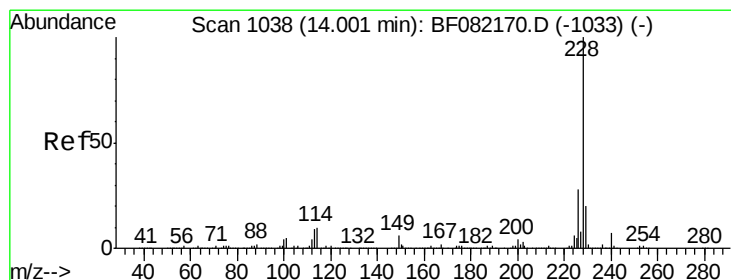
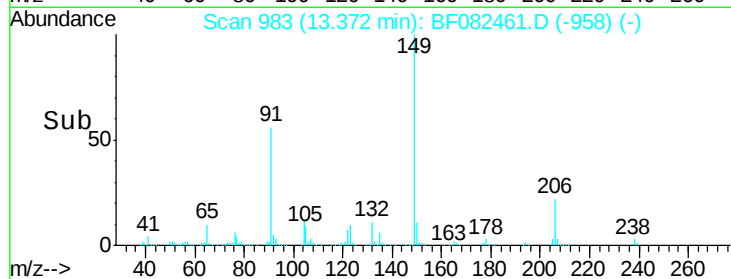
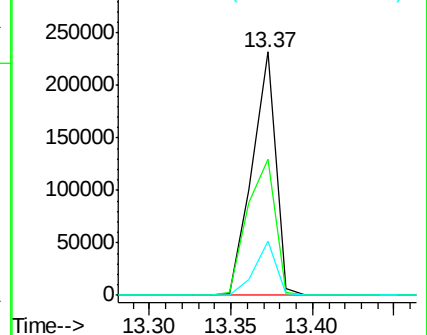
206 22.3 15.6 23.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 38.63 ng

RT: 13.96 min Scan# 1034

Delta R.T. -0.03 min

Lab File: BF082461.D

Acq: 22 Oct 2015 22:56

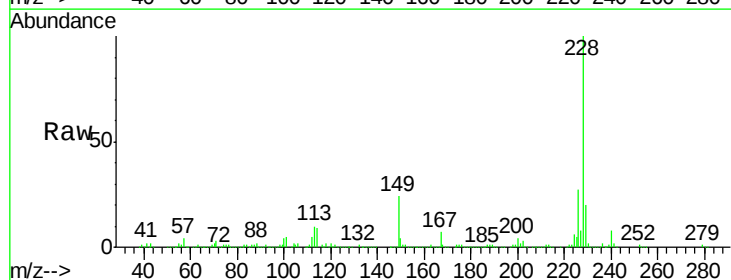
Tgt Ion:228 Resp: 436818

Ion Ratio Lower Upper

228 100

226 27.2 22.3 33.5

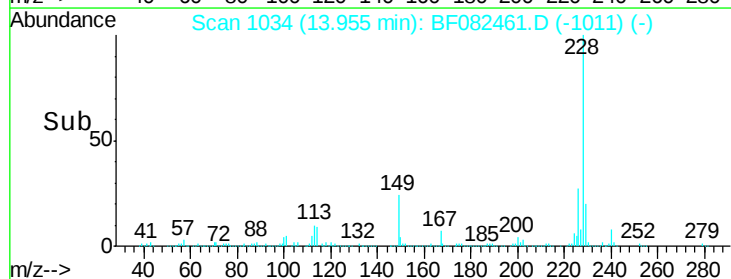
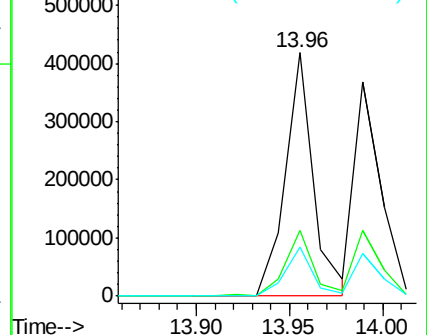
229 20.1 16.2 24.2

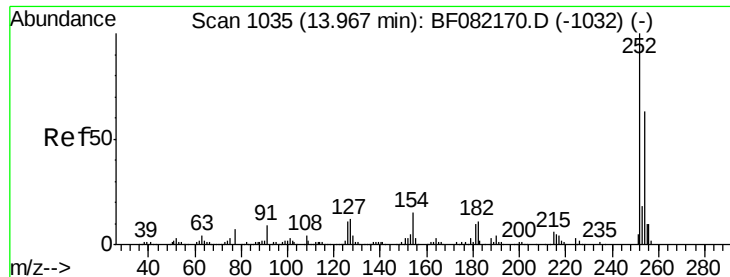


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

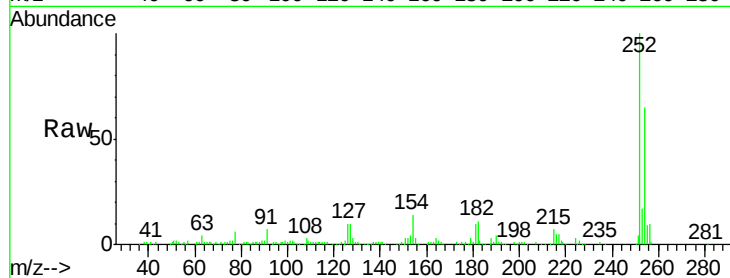




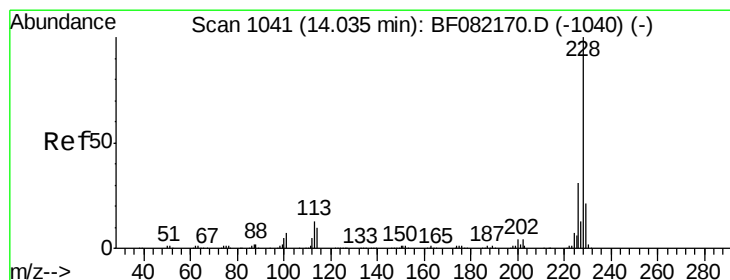
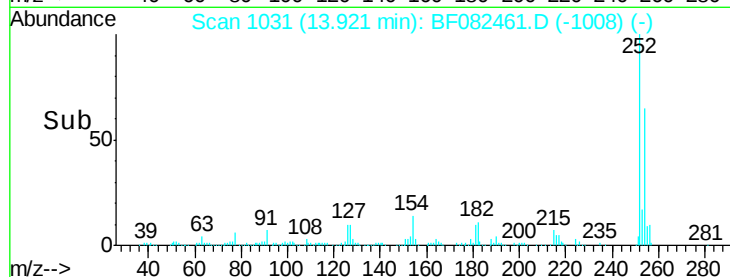
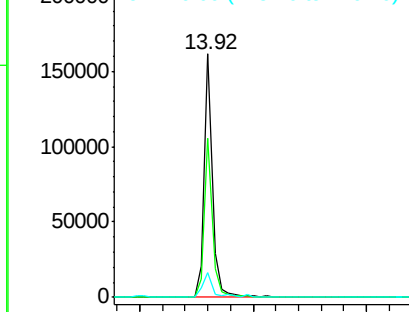
#81
 3,3'-Dichlorobenzidine
 Concen: 36.85 ng
 RT: 13.92 min Scan# 1031
 Delta R.T. -0.03 min
 Lab File: BF082461.D
 Acq: 22 Oct 2015 22:56

Instrument :
 BNA_F
 ClientSampleId :
 SB15-17-10-10.5MS

Tgt Ion:252 Resp: 158135
 Ion Ratio Lower Upper
 252 100
 254 65.3 50.7 76.1
 126 10.1 9.0 13.6

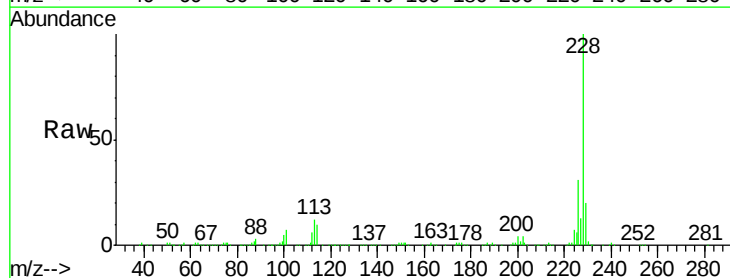


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

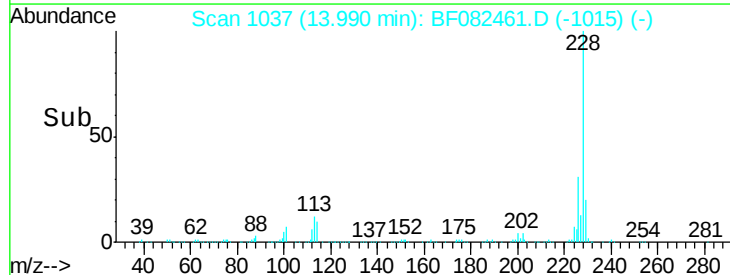
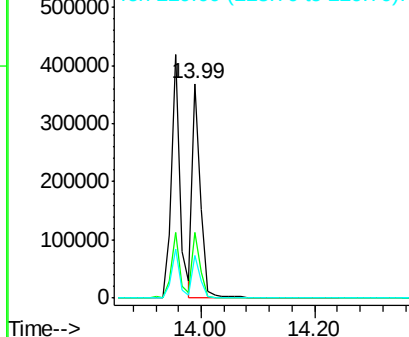


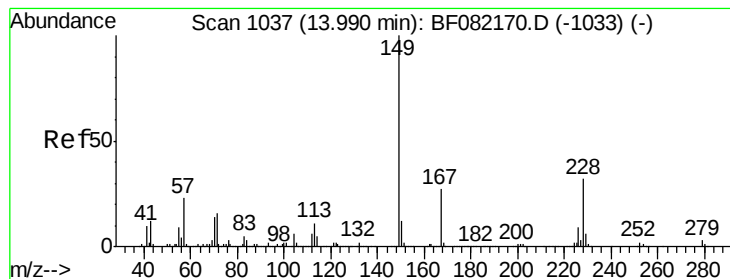
#82
 Chrysene
 Concen: 31.98 ng
 RT: 13.99 min Scan# 1037
 Delta R.T. -0.05 min
 Lab File: BF082461.D
 Acq: 22 Oct 2015 22:56

Tgt Ion:228 Resp: 381006
 Ion Ratio Lower Upper
 228 100
 226 30.5 24.4 36.6
 229 19.8 16.3 24.5



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.46 ng

RT: 13.94 min Scan# 1033

Delta R.T. -0.03 min

Lab File: BF082461.D

Acq: 22 Oct 2015 22:56

Instrument :

BNA_F

ClientSampleId :

SB15-17-10-10.5MS

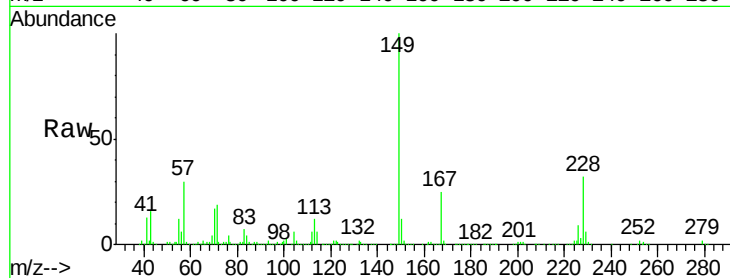
Tgt Ion:149 Resp: 322908

Ion Ratio Lower Upper

149 100

167 24.9 21.3 31.9

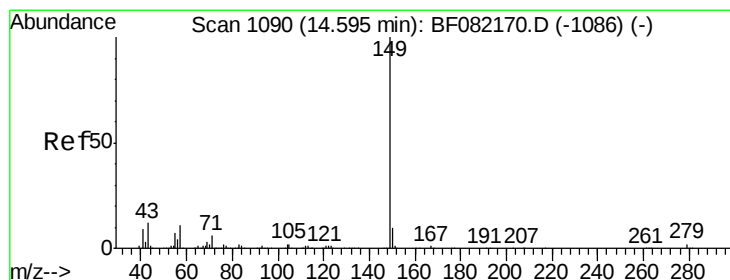
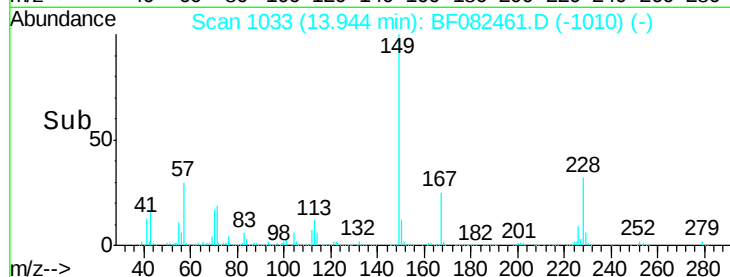
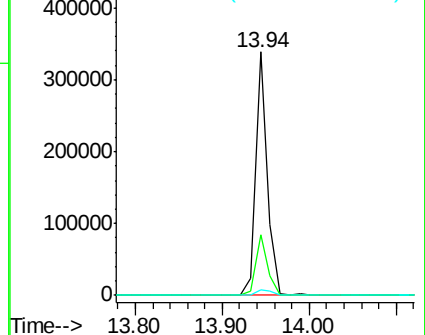
279 2.2 2.6 4.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 38.38 ng

RT: 14.61 min Scan# 1091

Delta R.T. -0.06 min

Lab File: BF082461.D

Acq: 22 Oct 2015 22:56

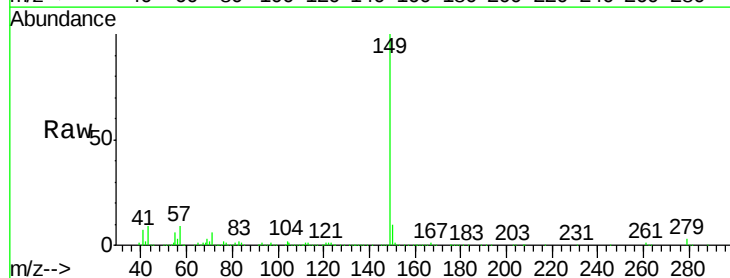
Tgt Ion:149 Resp: 553430

Ion Ratio Lower Upper

149 100

167 2.0 1.3 1.9#

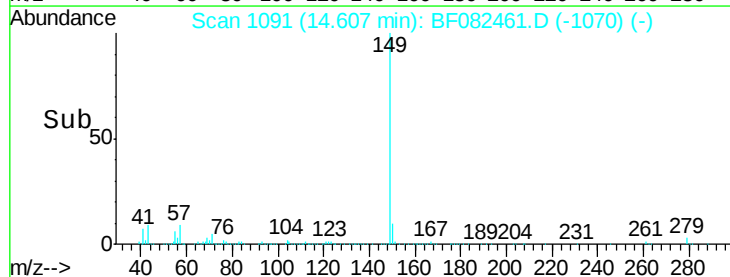
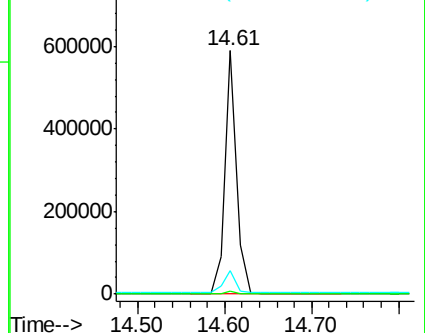
43 9.4 7.4 11.2

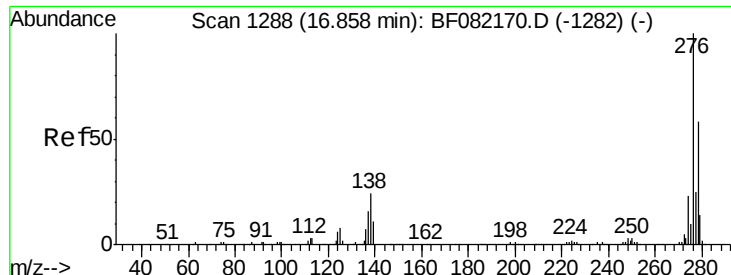


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

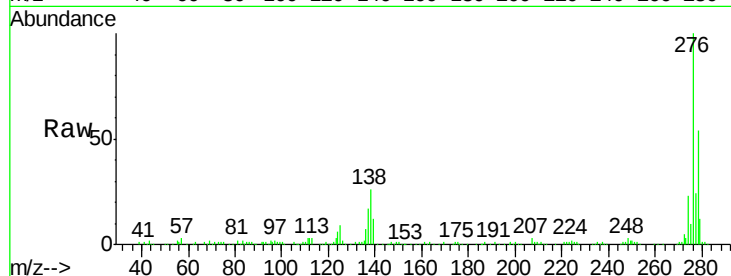




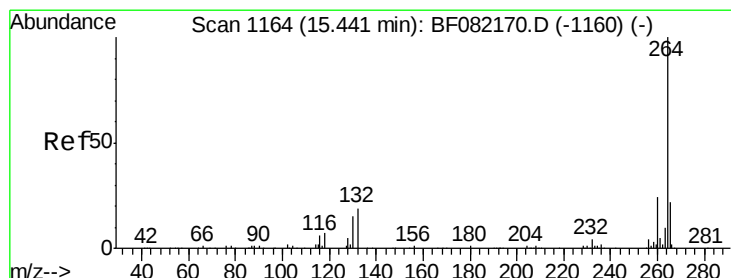
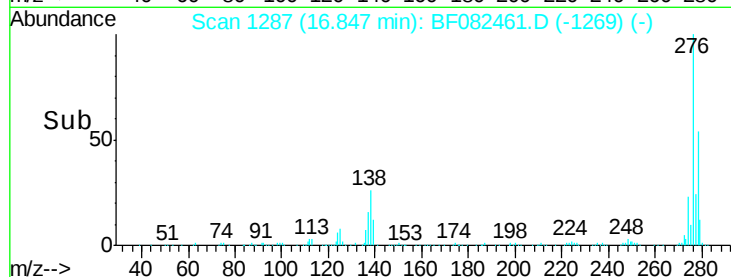
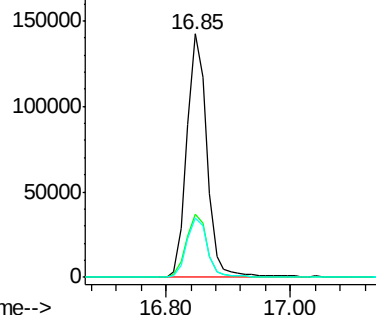
#85
Indeno(1,2,3-cd)pyrene
Concen: 33.58 ng
RT: 16.85 min Scan# 1287
Delta R.T. -0.09 min
Lab File: BF082461.D
Acq: 22 Oct 2015 22:56

Instrument :
BNA_F
ClientSampleId :
SB15-17-10-10.5MS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.6	19.7	29.5
277	25.3	20.1	30.1

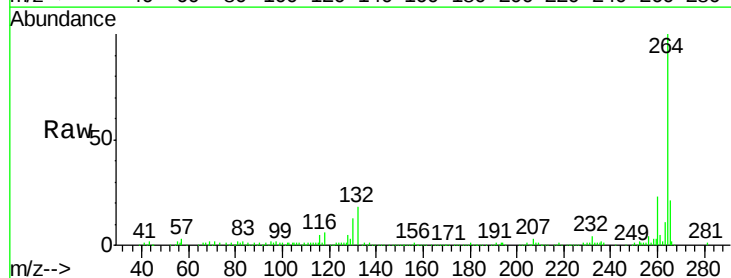


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

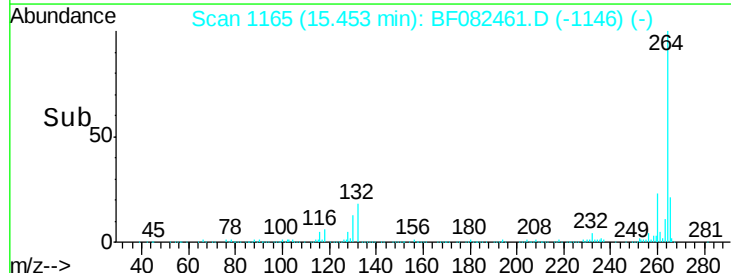
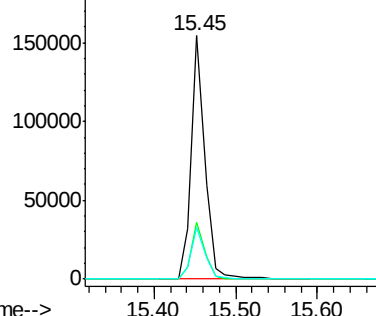


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.45 min Scan# 1165
Delta R.T. -0.08 min
Lab File: BF082461.D
Acq: 22 Oct 2015 22:56

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.0	28.6
265	21.3	17.3	25.9



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 71.77 ng

RT: 15.08 min Scan# 1132

Delta R.T. -0.05 min

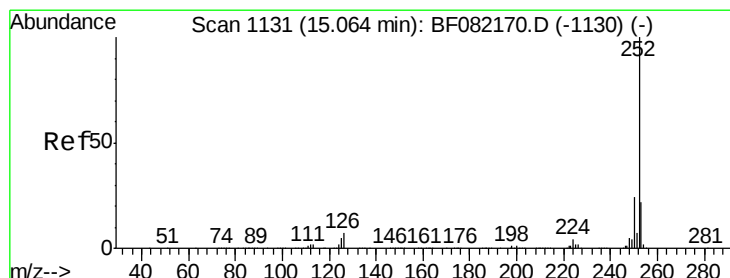
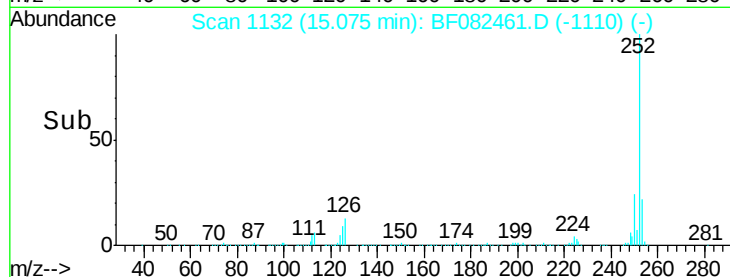
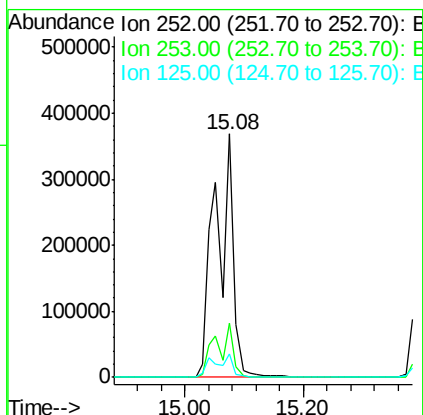
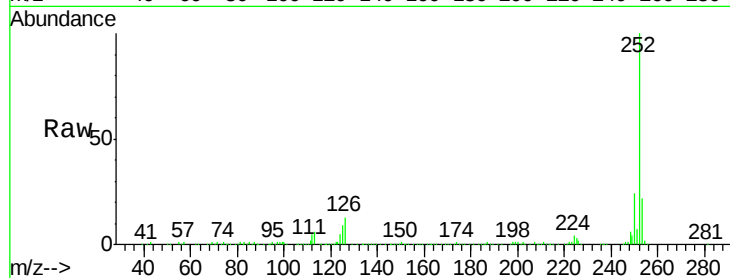
Lab File: BF082461.D

Acq: 22 Oct 2015 22:56

Instrument :
BNA_F
ClientSampleId :
SB15-17-10-10.5MS

Tgt Ion: 252 Resp: 786333

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	9.5	8.6	12.8



#88

Benzo(k)fluoranthene

Concen: 85.39 ng

RT: 15.08 min Scan# 1132

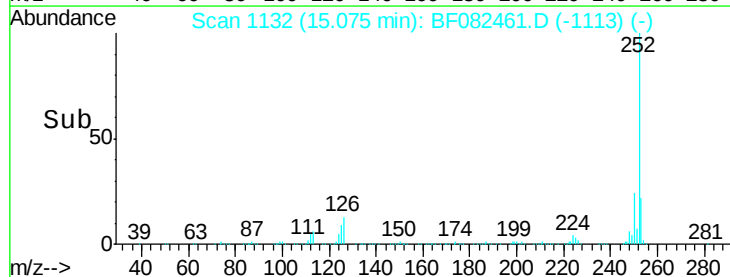
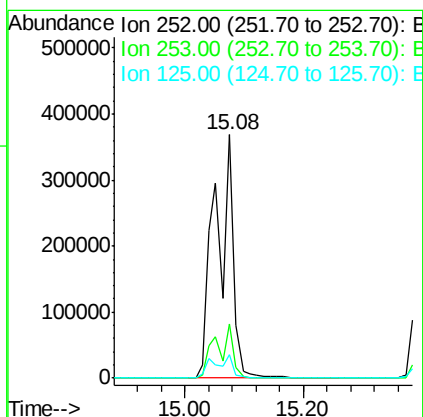
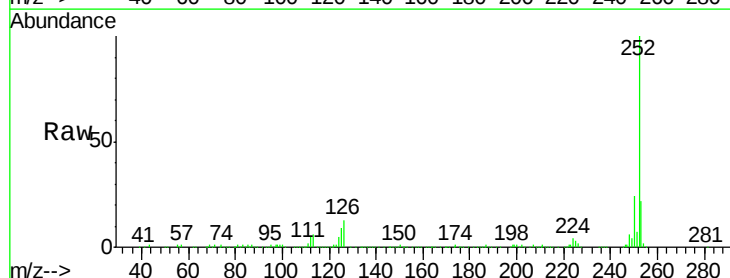
Delta R.T. -0.08 min

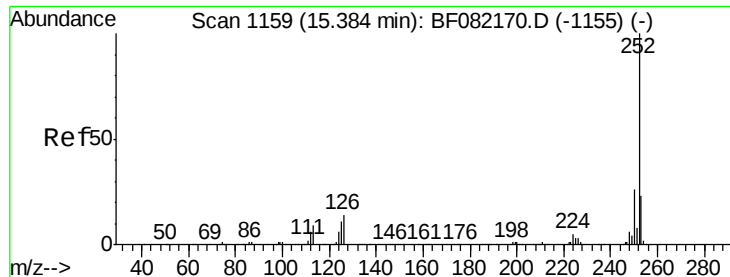
Lab File: BF082461.D

Acq: 22 Oct 2015 22:56

Tgt Ion: 252 Resp: 786333

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	9.5	6.7	10.1





#89

Benzo(a)pyrene

Concen: 38.25 ng

RT: 15.40 min Scan# 1160

Delta R.T. -0.08 min

Lab File: BF082461.D

Acq: 22 Oct 2015 22:56

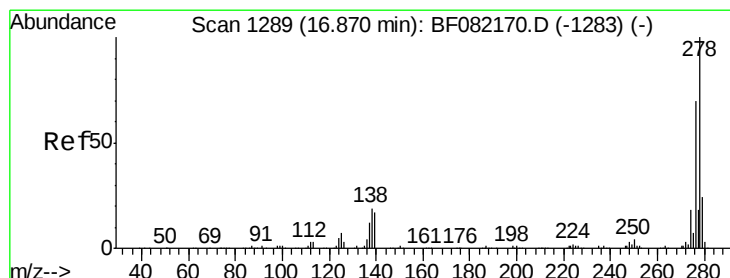
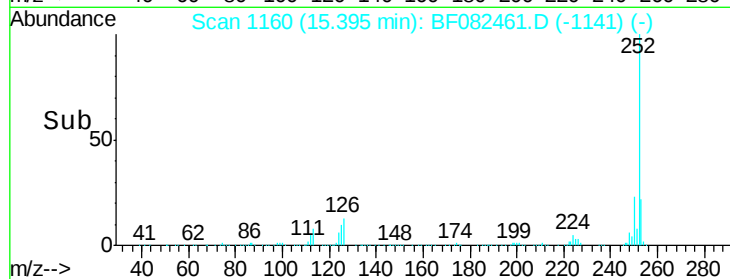
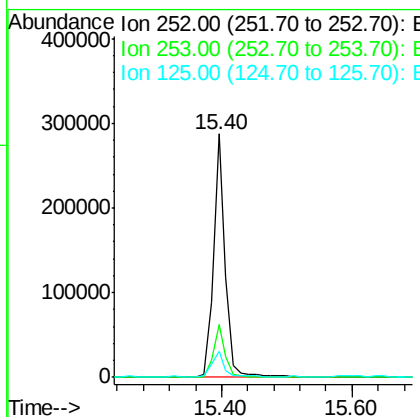
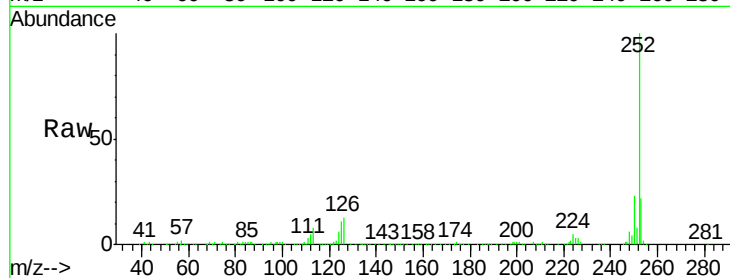
Instrument :

BNA_F

ClientSampleId :

SB15-17-10-10.5MS

Tgt Ion:	252	Resp:	360137
Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.2	27.2
125	10.8	8.9	13.3



#90

Dibenzo(a,h)anthracene

Concen: 35.73 ng

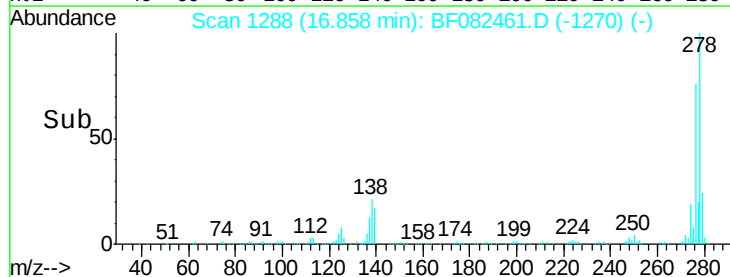
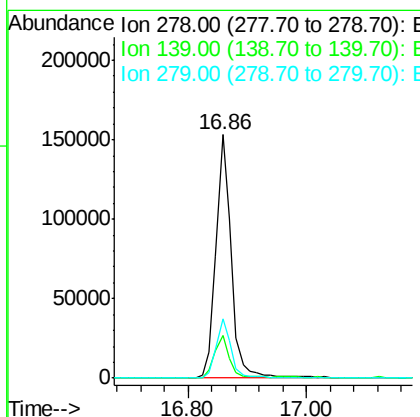
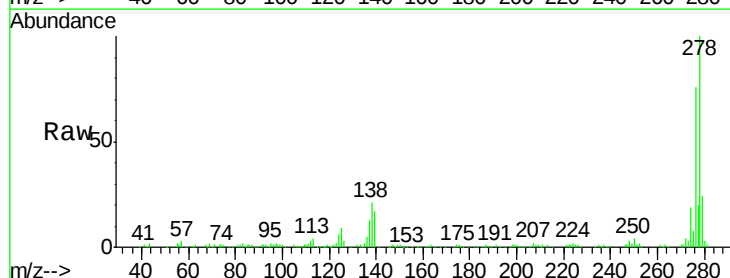
RT: 16.86 min Scan# 1288

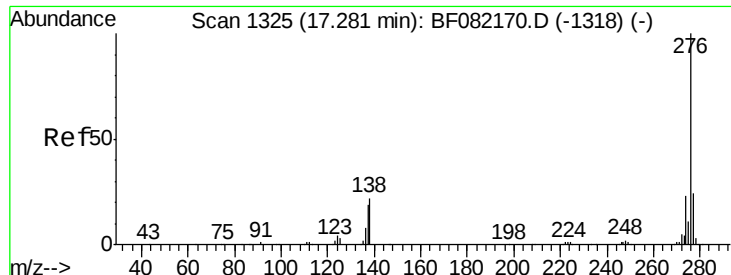
Delta R.T. -0.09 min

Lab File: BF082461.D

Acq: 22 Oct 2015 22:56

Tgt Ion:	278	Resp:	275674
Ion	Ratio	Lower	Upper
278	100		
139	17.4	13.3	19.9
279	24.3	18.9	28.3





#91

Benzo(g,h,i)perylene

Concen: 34.30 ng

RT: 17.27 min Scan# 1324

Delta R.T. -0.08 min

Lab File: BF082461.D

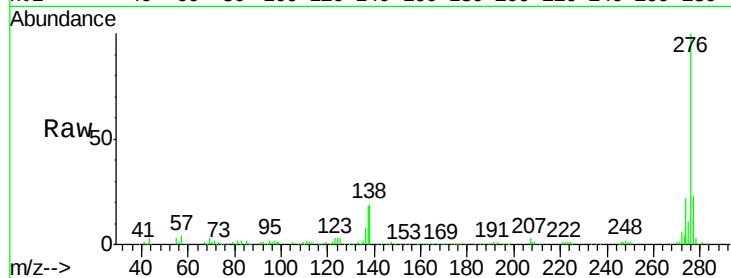
Acq: 22 Oct 2015 22:56

Instrument :

BNA_F

ClientSampleId :

SB15-17-10-10.5MS



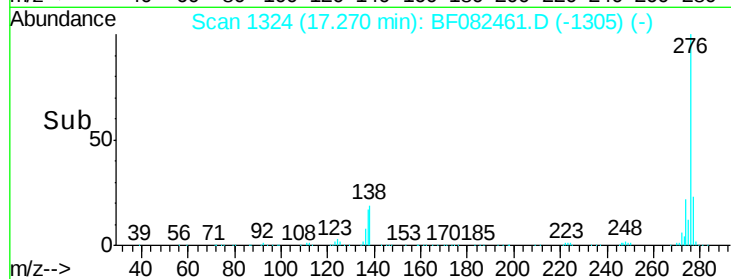
Tgt Ion: 276 Resp: 257085

Ion Ratio Lower Upper

276 100

277 23.0 18.8 28.2

138 19.0 17.4 26.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

