

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030215\
 Data File : BF077532.D
 Acq On : 2 Mar 2015 19:53
 Operator : TP/IZ
 Sample : G1399-05MSD
 Misc : S
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB13MSD

Quant Time: Mar 03 03:12:58 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 02 23:46:07 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.26	152	93256	20.00	ng	0.00
21) Naphthalene-d8	8.84	136	377108	20.00	ng	0.00
38) Acenaphthene-d10	11.01	164	183824	20.00	ng	0.00
63) Phenanthrene-d10	12.86	188	358168	20.00	ng	0.00
75) Chrysene-d12	16.15	240	396203	20.00	ng	0.01
86) Perylene-d12	17.87	264	396111	20.00	ng	0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	449911	80.54	ng	0.00
7) Phenol-d6	6.82	99	571290	79.54	ng	0.00
23) Nitrobenzene-d5	7.95	82	328862	54.23	ng	0.00
41) 2,4,6-Tribromophenol	11.99	330	155063	87.61	ng	0.00
44) 2-Fluorobiphenyl	10.18	172	687108	58.28	ng	0.00
78) Terphenyl-d14	14.85	244	782993	46.20	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.20	88	43514	18.36	ng	94
3) Pyridine	2.95	79	142940	21.08	ng	98
4) n-Nitrosodimethylamine	2.85	42	71926	24.40	ng	92
6) Aniline	6.85	93	138949	14.00	ng	97
8) 2-Chlorophenol	6.99	128	162981	24.73	ng	98
9) Benzaldehyde	6.71	77	32778	7.52	ng	88
10) Phenol	6.84	94	213022	25.00	ng	81
11) bis(2-Chloroethyl)ether	6.95	93	142922	23.34	ng	97
12) 1,3-Dichlorobenzene	7.19	146	170588	23.77	ng	95
13) 1,4-Dichlorobenzene	7.28	146	171663	23.52	ng	97
14) 1,2-Dichlorobenzene	7.47	146	165932	23.90	ng	96
15) Benzyl Alcohol	7.44	79	130288	23.86	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.62	45	212855	24.32	ng	97
17) 2-Methylphenol	7.59	107	125025	24.27	ng	96
18) Hexachloroethane	7.88	117	50564	20.74	ng	# 84
19) n-Nitroso-di-n-propylamine	7.78	70	117300	25.72	ng	94
20) 3+4-Methylphenols	7.78	107	168449	24.83	ng	# 78
22) Acetophenone	7.77	105	224460	25.30	ng	# 89
24) Nitrobenzene	7.98	77	156270	24.49	ng	# 83
25) Isophorone	8.28	82	302035	25.10	ng	# 91
26) 2-Nitrophenol	8.37	139	67533	25.83	ng	89
27) 2,4-Dimethylphenol	8.43	122	141606	24.20	ng	96
28) bis(2-Chloroethoxy)methane	8.56	93	195359	25.70	ng	99
29) 2,4-Dichlorophenol	8.67	162	143428	26.12	ng	96
30) 1,2,4-Trichlorobenzene	8.77	180	149405	24.74	ng	99
31) Naphthalene	8.87	128	483178	25.62	ng	100
33) 4-Chloroaniline	8.94	127	131373	15.67	ng	# 89
34) Hexachlorobutadiene	9.02	225	80715	23.42	ng	98
35) Caprolactam	9.35	113	43893	26.18	ng	# 82
36) 4-Chloro-3-methylphenol	9.54	107	131150	23.75	ng	90
37) 2-Methylnaphthalene	9.72	142	326246	24.36	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.93	216	143290	27.17	ng	99
40) Hexachlorocyclopentadiene	9.92	237	35448	12.53	ng	99
42) 2,4,6-Trichlorophenol	10.08	196	99419	28.46	ng	97

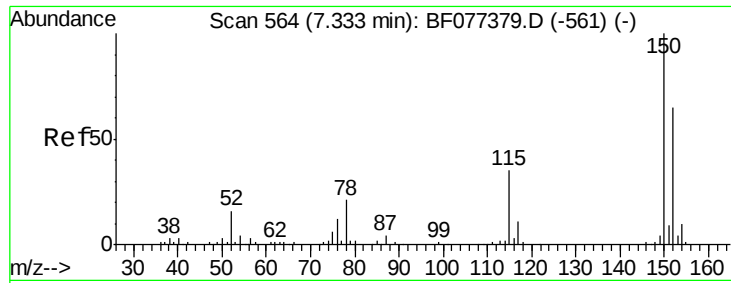
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030215\
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 QLast Update : Mon Mar 02 23:46:07 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	10.12	196	106232	28.44	ng	96
45) 1,1'-Biphenyl	10.31	154	377339	27.09	ng	98
46) 2-Chloronaphthalene	10.33	162	303656	27.80	ng	96
47) 2-Nitroaniline	10.45	65	85929	31.96	ng	90
48) Acenaphthylene	10.84	152	497036	28.75	ng	99
49) Dimethylphthalate	10.69	163	387193	29.97	ng	99
50) 2,6-Dinitrotoluene	10.77	165	67075	25.88	ng	# 53
51) Acenaphthene	11.05	154	276594	26.81	ng	99
52) 3-Nitroaniline	10.97	138	87768	29.38	ng	90
53) 2,4-Dinitrophenol	11.10	184	3428	4.35	ng	# 81
54) Dibenzofuran	11.27	168	422178	26.50	ng	98
55) 4-Nitrophenol	11.18	139	132111	54.98	ng	95
56) 2,4-Dinitrotoluene	11.26	165	89823	25.65	ng	# 83
57) Fluorene	11.69	166	350876	27.55	ng	98
58) 2,3,4,6-Tetrachlorophenol	11.42	232	83928	27.95	ng	97
59) Diethylphthalate	11.57	149	346933	27.23	ng	97
60) 4-Chlorophenyl-phenylether	11.70	204	155897	25.40	ng	# 89
61) 4-Nitroaniline	11.72	138	90560	31.63	ng	89
62) Azobenzene	11.90	77	325244	26.91	ng	95
64) 4,6-Dinitro-2-methylphenol	11.76	198	5205	7.07	ng	81
65) n-Nitrosodiphenylamine	11.85	169	298850	25.15	ng	99
66) 4-Bromophenyl-phenylether	12.31	248	98126	23.40	ng	# 89
67) Hexachlorobenzene	12.37	284	107212	23.82	ng	# 83
68) Atrazine	12.52	200	97817	25.32	ng	98
69) Pentachlorophenol	12.62	266	116853	49.39	ng	99
70) Phenanthrene	12.89	178	580654	27.97	ng	99
71) Anthracene	12.95	178	526692	25.57	ng	99
72) Carbazole	13.15	167	501329	25.59	ng	98
73) Di-n-butylphthalate	13.61	149	592286	25.75	ng	# 98
74) Fluoranthene	14.36	202	674232	29.73	ng	98
76) Benzidine	14.54	184	522890	39.06	ng	98
77) Pyrene	14.64	202	733659	30.27	ng	99
79) Butylbenzylphthalate	15.47	149	273758	27.46	ng	97
80) Benzo(a)anthracene	16.13	228	658491	28.36	ng	99
81) 3,3'-Dichlorobenzidine	16.11	252	212304	24.95	ng	# 98
82) Chrysene	16.18	228	603927	27.70	ng	99
83) Bis(2-ethylhexyl)phthalate	16.19	149	422408	26.42	ng	# 98
84) Di-n-octyl phthalate	16.98	149	747515	28.00	ng	99
85) Indeno(1,2,3-cd)pyrene	19.32	276	564773	22.72	ng	99
87) Benzo(b)fluoranthene	17.43	252	819276	35.57	ng	# 98
88) Benzo(k)fluoranthene	17.43	252	818242	36.25	ng	97
89) Benzo(a)pyrene	17.80	252	607676	27.70	ng	99
90) Dibenzo(a,h)anthracene	19.35	278	497868	23.80	ng	98
91) Benzo(g,h,i)perylene	19.75	276	536142	25.39	ng	96

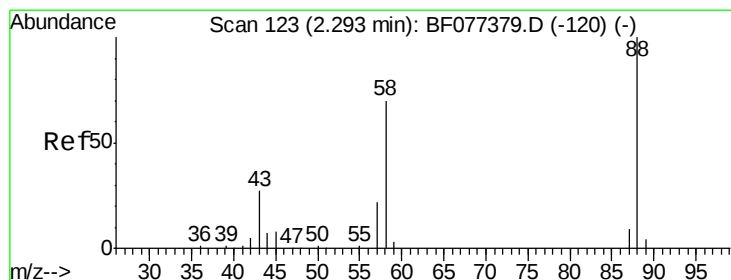
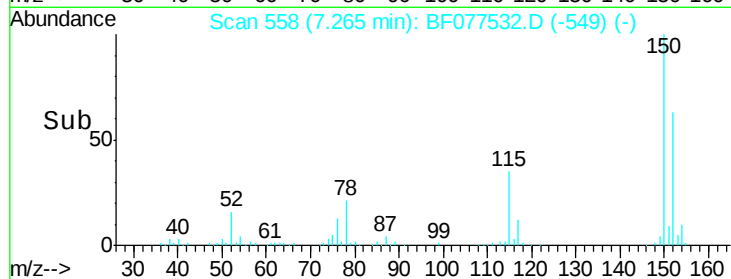
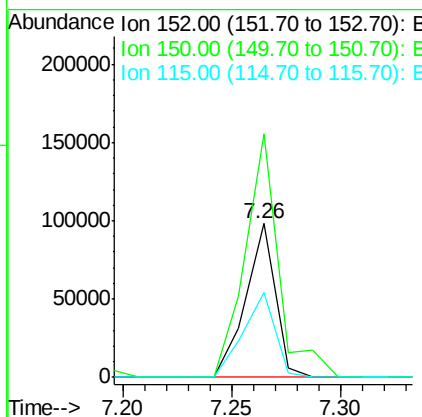
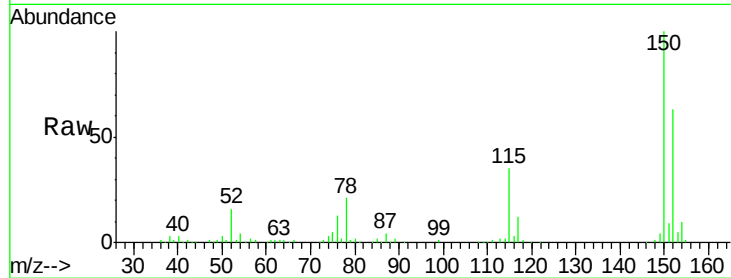
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.26 min Scan# 558
 Delta R.T. 0.00 min
 Lab File: BF077532.D
 Acq: 2 Mar 2015 19:53

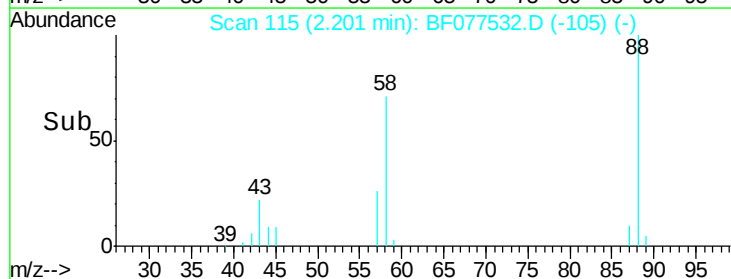
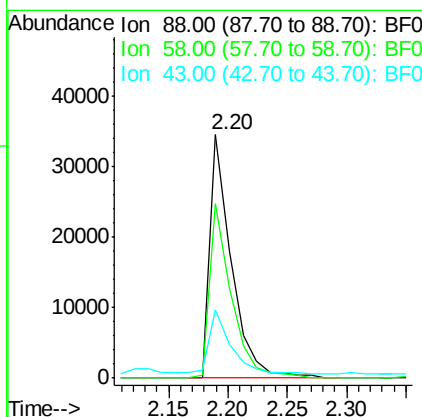
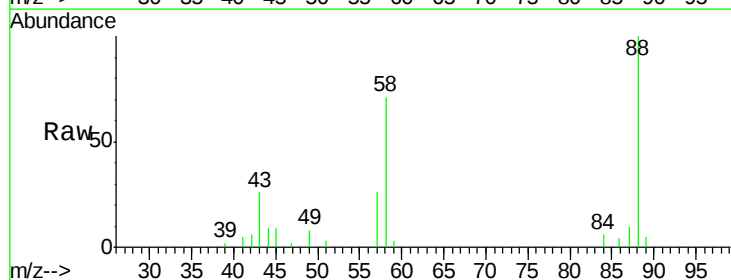
Instrument :
 BNA_F
 ClientSampleId :
 SB13MSD

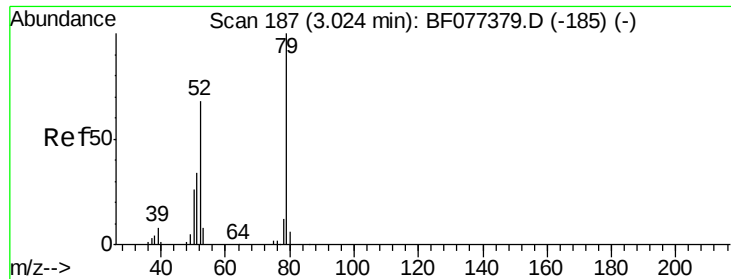
Tgt Ion:152 Resp: 93256
 Ion Ratio Lower Upper
 152 100
 150 158.3 124.0 186.0
 115 55.4 49.4 74.2



#2
 1,4-Dioxane
 Concen: 18.36 ng
 RT: 2.20 min Scan# 115
 Delta R.T. 0.01 min
 Lab File: BF077532.D
 Acq: 2 Mar 2015 19:53

Tgt Ion: 88 Resp: 43514
 Ion Ratio Lower Upper
 88 100
 58 71.9 62.1 93.1
 43 27.6 24.0 36.0

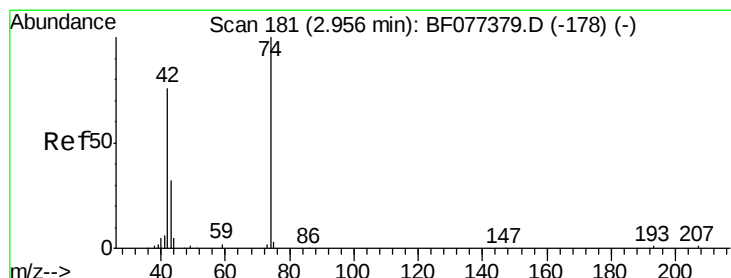
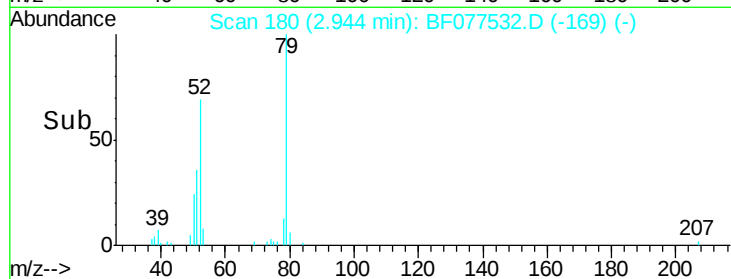
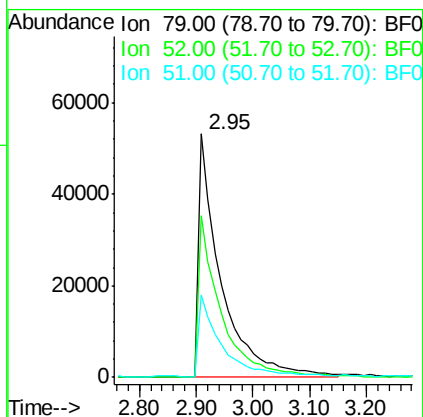
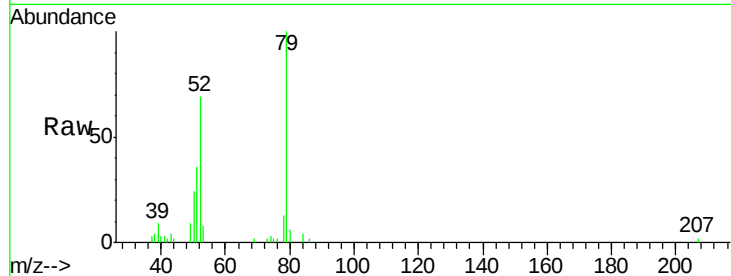




#3
 Pyridine
 Concen: 21.08 ng
 RT: 2.95 min Scan# 180
 Delta R.T. 0.03 min
 Lab File: BF077532.D
 Acq: 2 Mar 2015 19:53

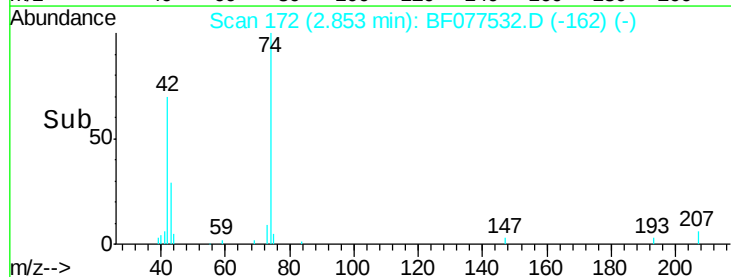
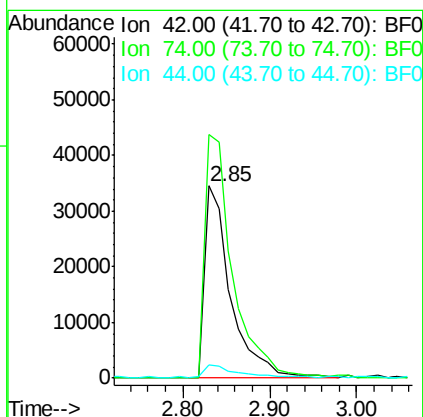
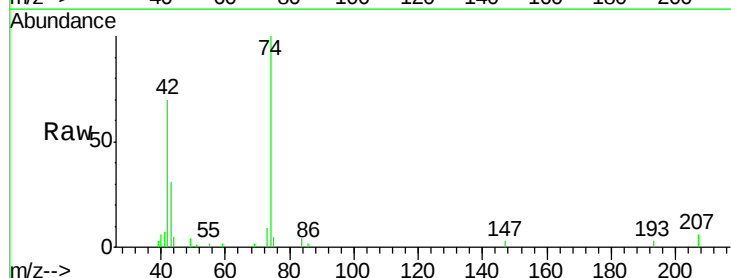
Instrument :
 BNA_F
 ClientSampleId :
 SB13MSD

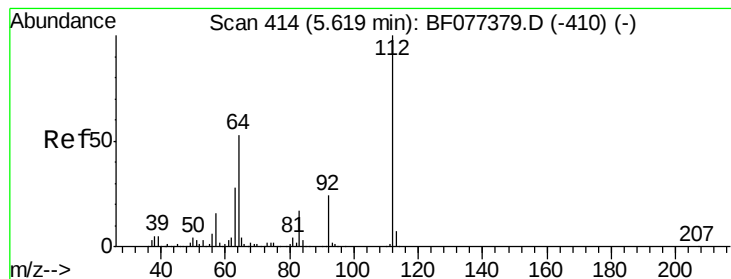
Tgt Ion: 79 Resp: 142940
 Ion Ratio Lower Upper
 79 100
 52 69.2 57.7 86.5
 51 35.5 28.5 42.7



#4
 n-Nitrosodimethylamine
 Concen: 24.40 ng
 RT: 2.85 min Scan# 172
 Delta R.T. 0.01 min
 Lab File: BF077532.D
 Acq: 2 Mar 2015 19:53

Tgt Ion: 42 Resp: 71926
 Ion Ratio Lower Upper
 42 100
 74 143.3 107.1 160.7
 44 7.8 6.7 10.1





#5

2-Fluorophenol

Concen: 80.54 ng

RT: 5.55 min Scan# 408

Delta R.T. 0.01 min

Lab File: BF077532.D

Acq: 2 Mar 2015 19:53

Instrument :

BNA_F

ClientSampleId :

SB13MSD

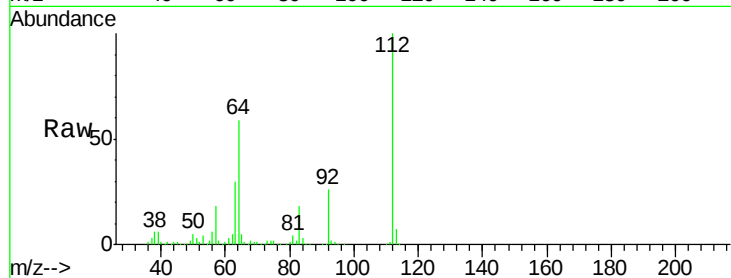
Tgt Ion: 112 Resp: 449911

Ion Ratio Lower Upper

112 100

64 59.1 48.5 72.7

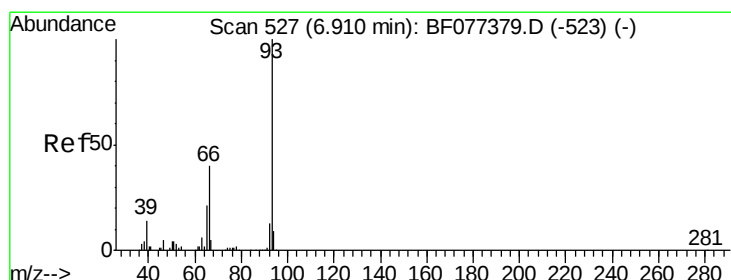
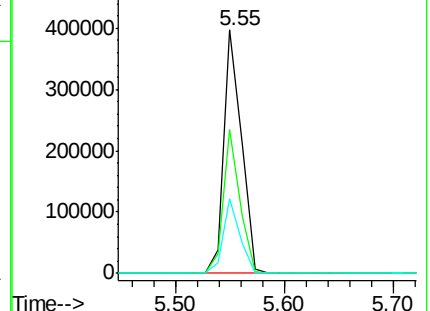
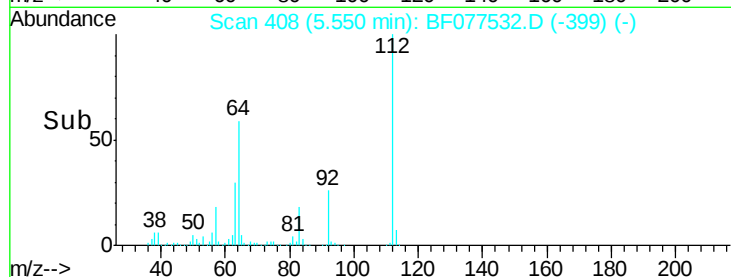
63 30.5 25.0 37.4



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: 14.00 ng

RT: 6.85 min Scan# 522

Delta R.T. 0.01 min

Lab File: BF077532.D

Acq: 2 Mar 2015 19:53

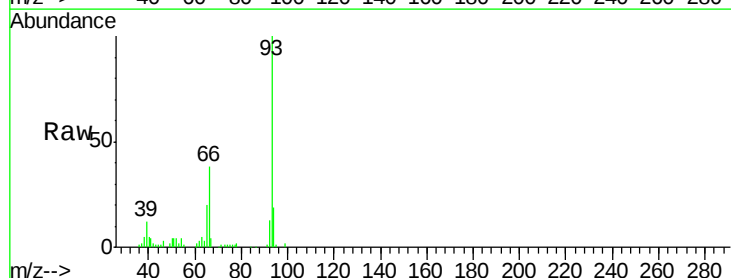
Tgt Ion: 93 Resp: 138949

Ion Ratio Lower Upper

93 100

66 37.7 29.1 43.7

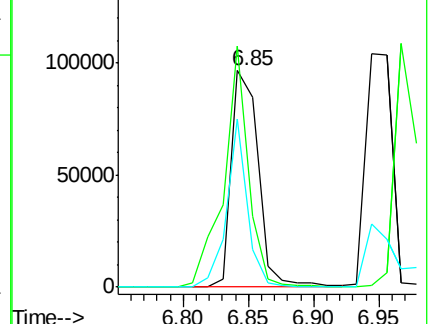
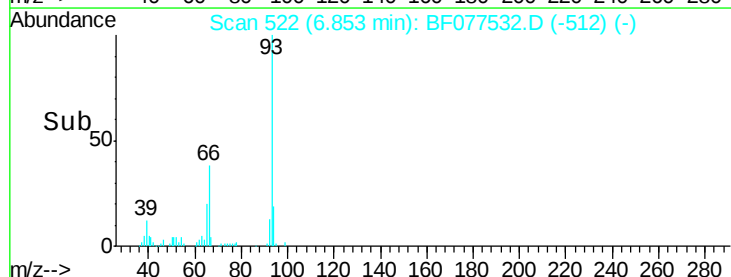
65 20.1 14.6 22.0

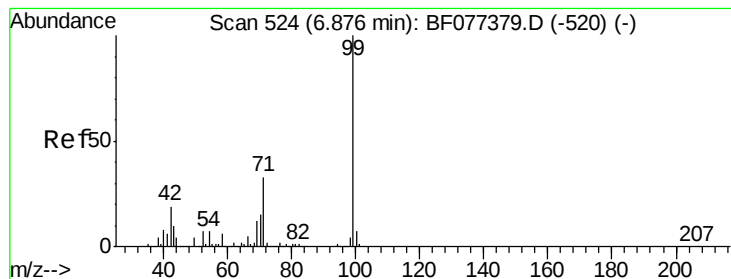


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 79.54 ng

RT: 6.82 min Scan# 519

Delta R.T. 0.01 min

Lab File: BF077532.D

Acq: 2 Mar 2015 19:53

Instrument :

BNA_F

ClientSampleId :

SB13MSD

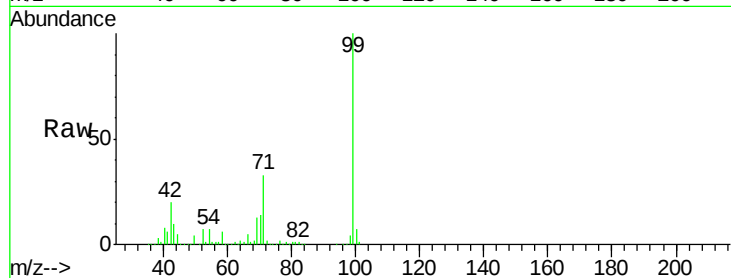
Tgt Ion: 99 Resp: 571290

Ion Ratio Lower Upper

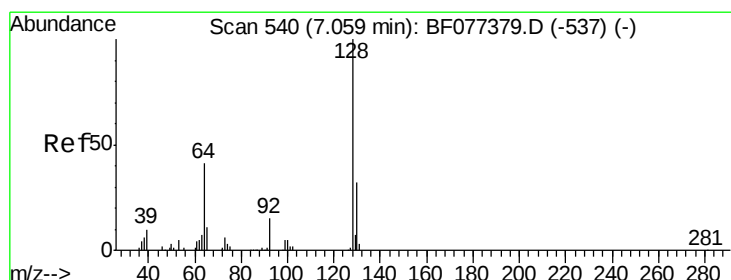
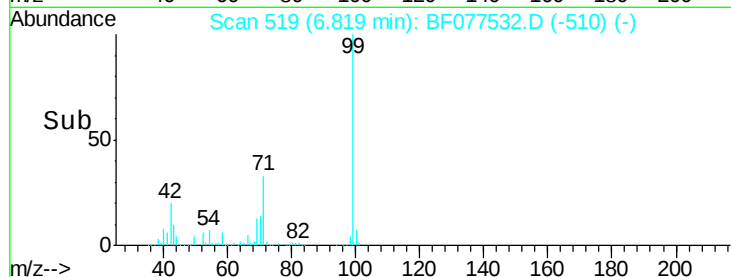
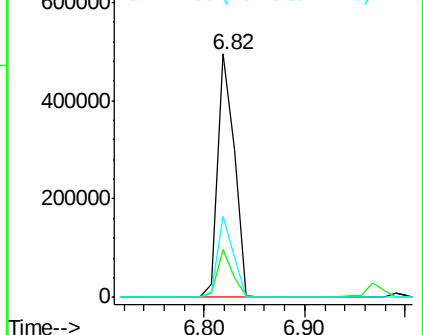
99 100

42 19.5 16.2 24.4

71 33.2 26.7 40.1



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



#8

2-Chlorophenol

Concen: 24.73 ng

RT: 6.99 min Scan# 534

Delta R.T. 0.00 min

Lab File: BF077532.D

Acq: 2 Mar 2015 19:53

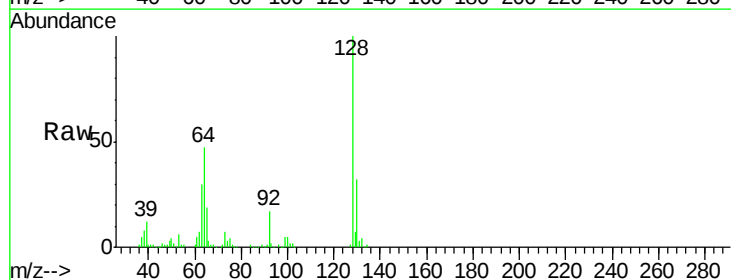
Tgt Ion: 128 Resp: 162981

Ion Ratio Lower Upper

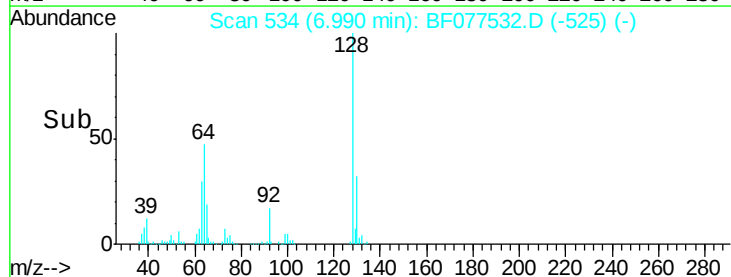
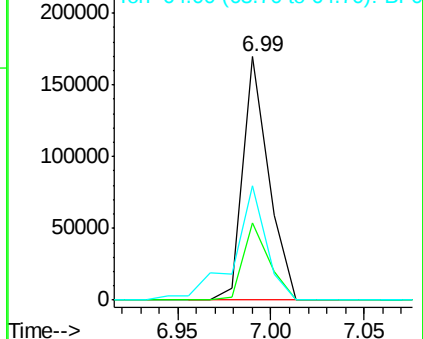
128 100

130 31.9 12.0 52.0

64 47.1 29.2 69.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 7.52 ng

RT: 6.71 min Scan# 509

Delta R.T. 0.00 min

Lab File: BF077532.D

Acq: 2 Mar 2015 19:53

Instrument :

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ClientSampleId :

SB13MSD

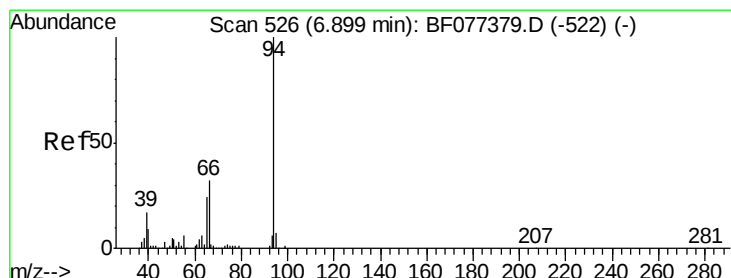
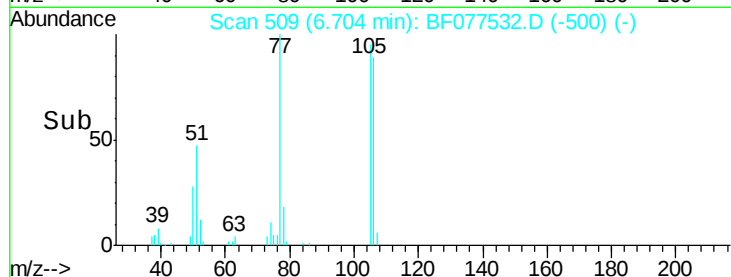
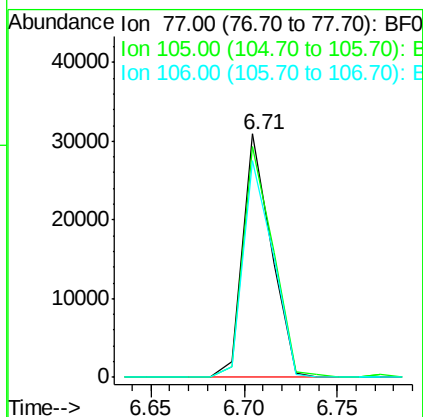
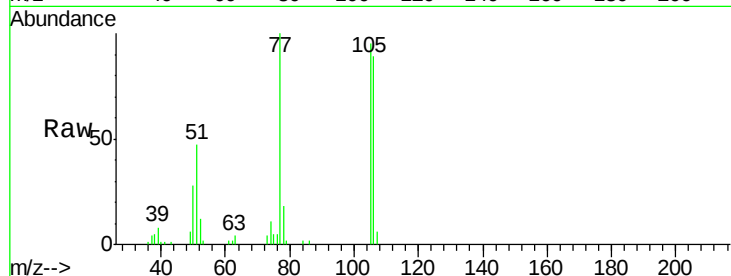
Tgt Ion: 77 Resp: 32778

Ion Ratio Lower Upper

77 100

105 94.6 85.9 125.9

106 89.1 82.9 122.9



#10

Phenol

Concen: 25.00 ng

RT: 6.84 min Scan# 521

Delta R.T. 0.01 min

Lab File: BF077532.D

Acq: 2 Mar 2015 19:53

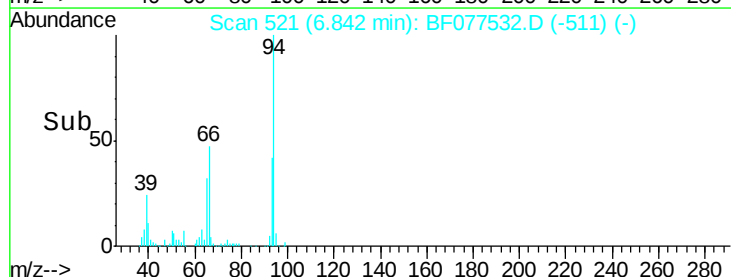
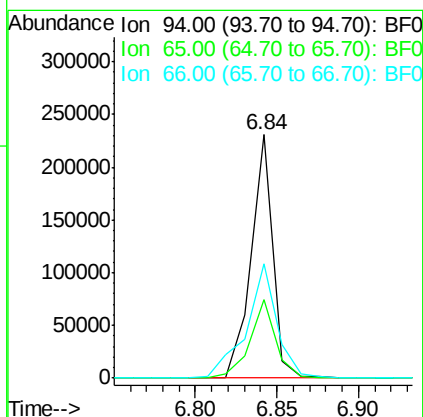
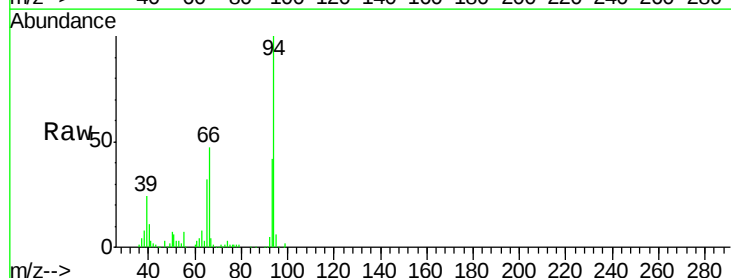
Tgt Ion: 94 Resp: 213022

Ion Ratio Lower Upper

94 100

65 32.5 5.7 45.7

66 46.7 13.6 53.6

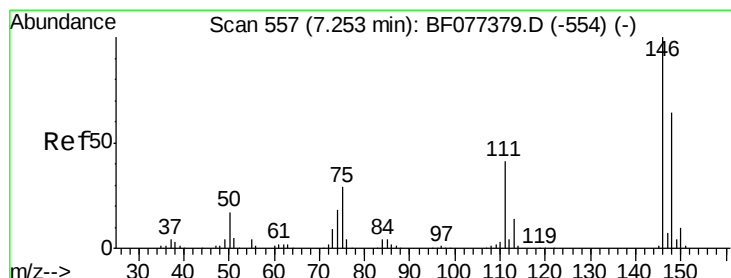
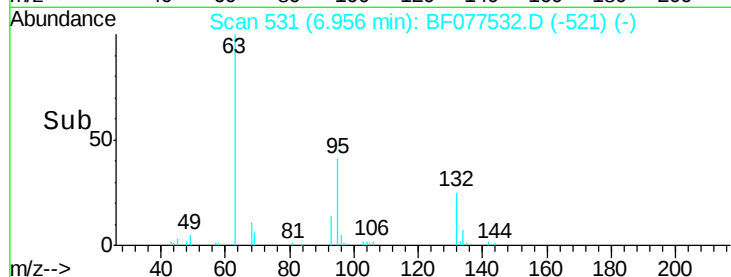
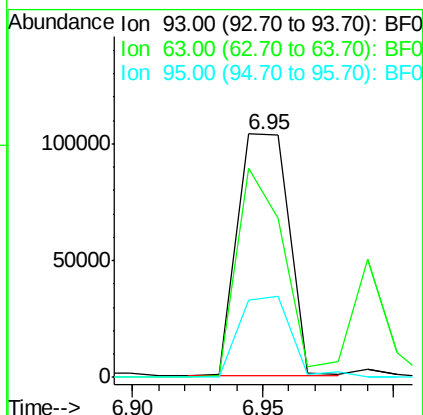
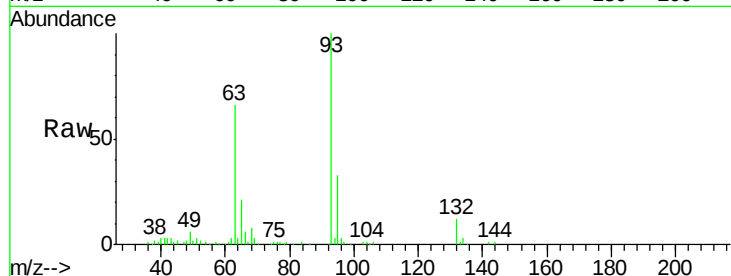




#11
bis(2-Chloroethyl)ether
Concen: 23.34 ng
RT: 6.95 min Scan# 531
Delta R.T. 0.00 min
Lab File: BF077532.D
Acq: 2 Mar 2015 19:53

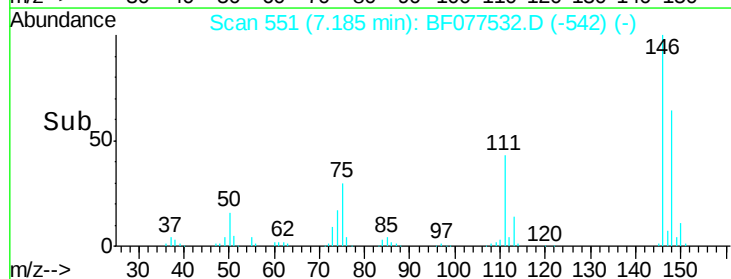
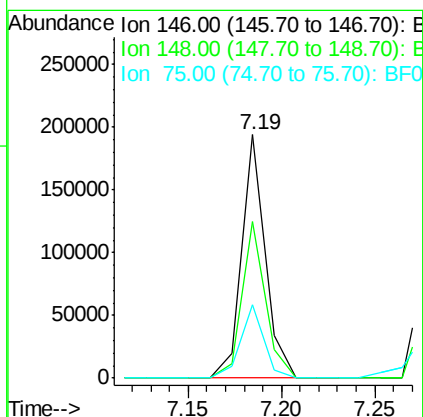
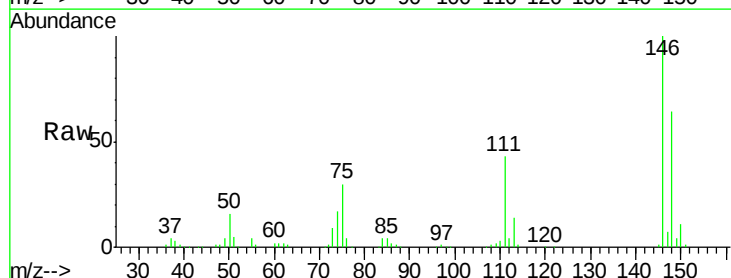
Instrument :
BNA_F
ClientSampleId :
SB13MSD

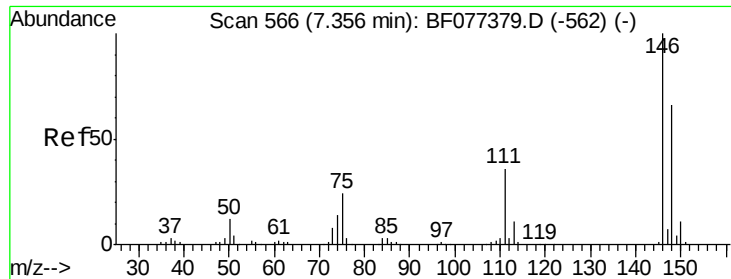
Tgt Ion: 93 Resp: 142922
Ion Ratio Lower Upper
93 100
63 65.7 48.7 88.7
95 33.4 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 23.77 ng
RT: 7.19 min Scan# 551
Delta R.T. 0.00 min
Lab File: BF077532.D
Acq: 2 Mar 2015 19:53

Tgt Ion: 146 Resp: 170588
Ion Ratio Lower Upper
146 100
148 64.3 49.8 74.8
75 30.3 28.2 42.4

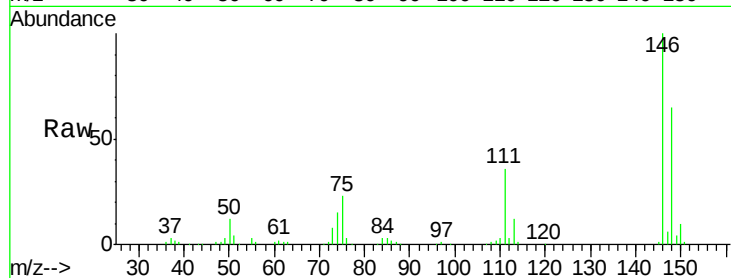




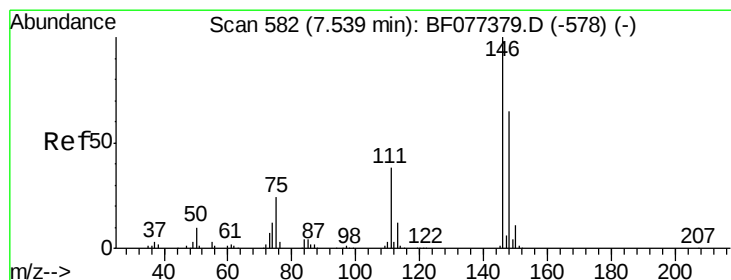
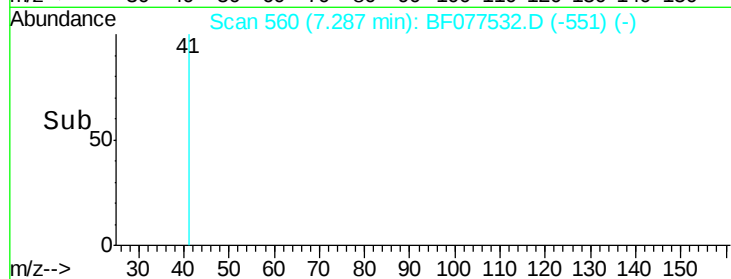
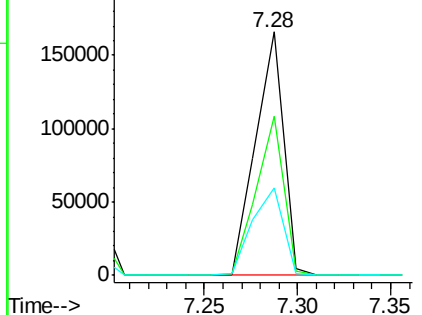
#13
 1,4-Dichlorobenzene
 Concen: 23.52 ng
 RT: 7.28 min Scan# 560
 Delta R.T. 0.00 min
 Lab File: BF077532.D
 Acq: 2 Mar 2015 19:53

Instrument :
 BNA_F
 ClientSampleId :
 SB13MSD

Tgt Ion:146 Resp: 171663
 Ion Ratio Lower Upper
 146 100
 148 65.1 52.0 78.0
 111 35.9 31.9 47.9

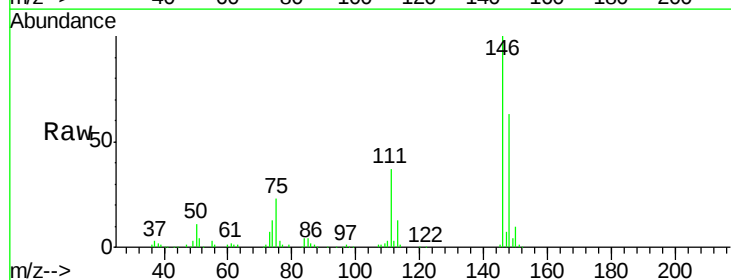


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

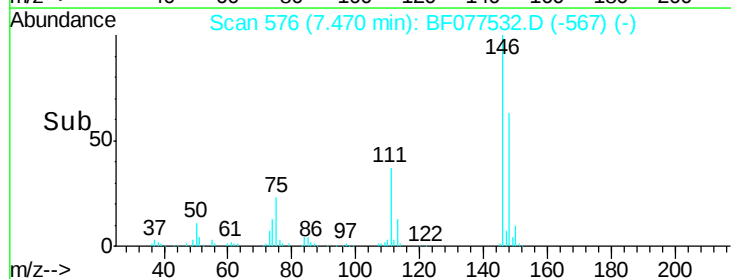
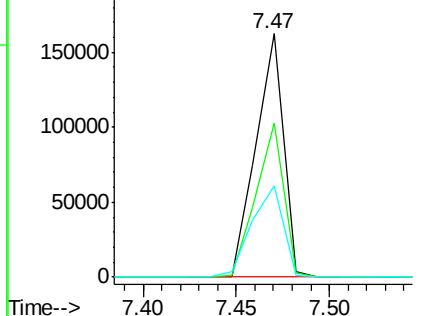


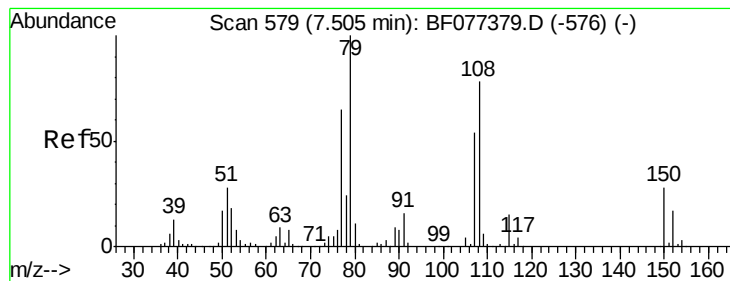
#14
 1,2-Dichlorobenzene
 Concen: 23.90 ng
 RT: 7.47 min Scan# 576
 Delta R.T. 0.00 min
 Lab File: BF077532.D
 Acq: 2 Mar 2015 19:53

Tgt Ion:146 Resp: 165932
 Ion Ratio Lower Upper
 146 100
 148 63.2 51.6 77.4
 111 37.2 34.2 51.2



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





#15

Benzyl Alcohol

Concen: 23.86 ng

RT: 7.44 min Scan# 573

Delta R.T. 0.00 min

Lab File: BF077532.D

Acq: 2 Mar 2015 19:53

Instrument :

BNA_F

ClientSampleId :

SB13MSD

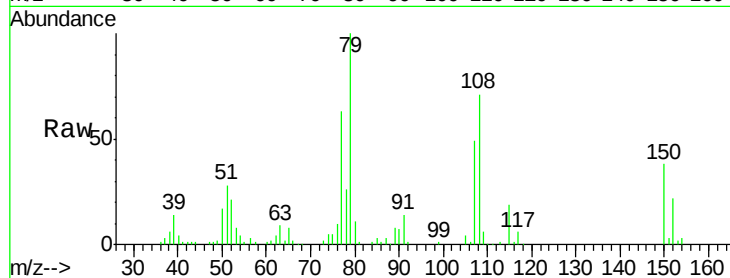
Tgt Ion: 79 Resp: 130288

Ion Ratio Lower Upper

79 100

108 70.6 58.3 87.5

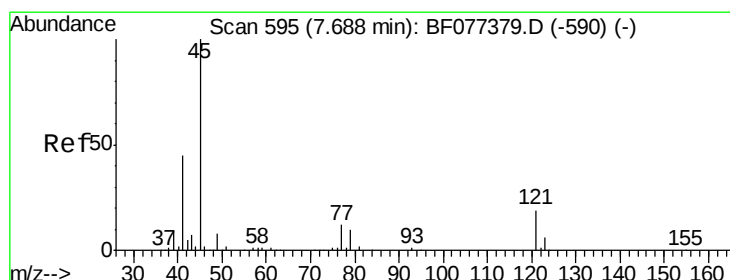
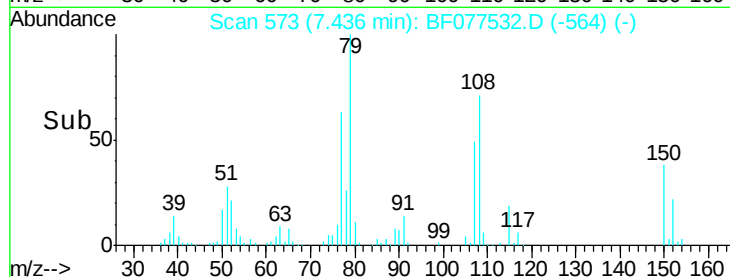
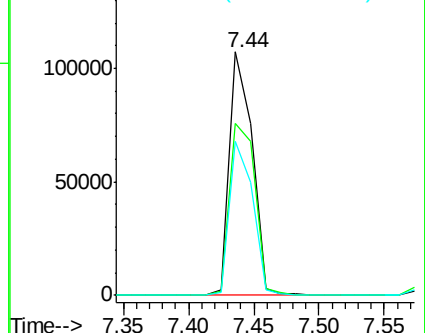
77 63.5 51.3 76.9



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 24.32 ng

RT: 7.62 min Scan# 589

Delta R.T. 0.00 min

Lab File: BF077532.D

Acq: 2 Mar 2015 19:53

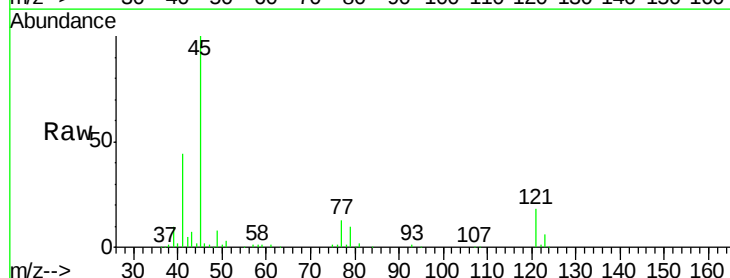
Tgt Ion: 45 Resp: 212855

Ion Ratio Lower Upper

45 100

77 13.1 0.0 34.6

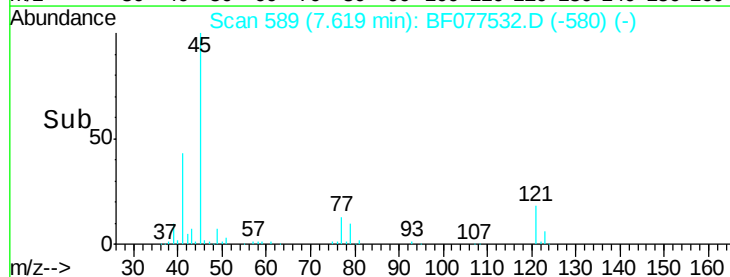
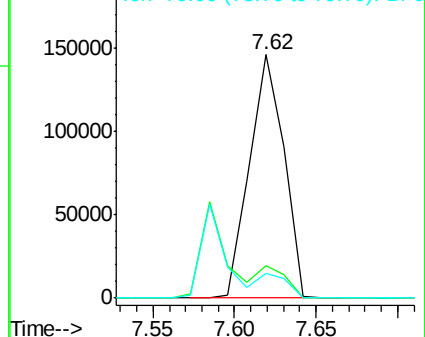
79 10.3 0.0 31.5

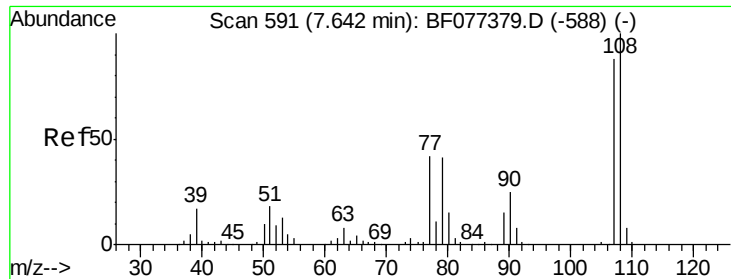


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

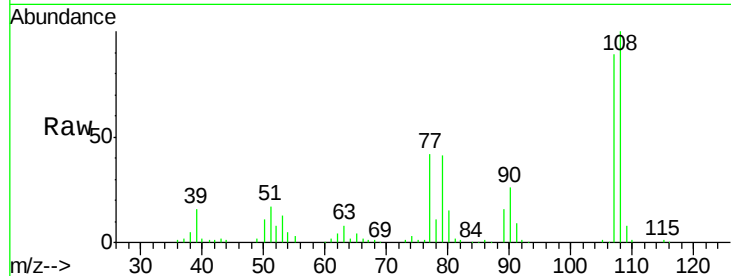




#17
2-Methylphenol
Concen: 24.27 ng
RT: 7.59 min Scan# 586
Delta R.T. 0.00 min
Lab File: BF077532.D
Acq: 2 Mar 2015 19:53

Instrument :
BNA_F
ClientSampleId :
SB13MSD

Tgt Ion:	107	Resp:	125025
Ion	Ratio	Lower	Upper
107	100		
108	112.4	91.2	136.8
77	47.1	33.6	50.4
79	45.8	32.1	48.1



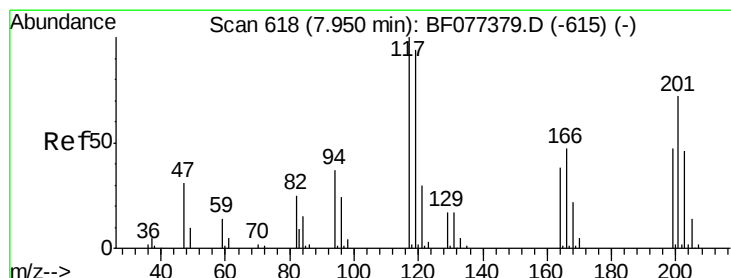
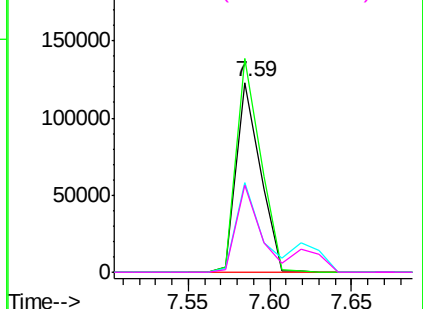
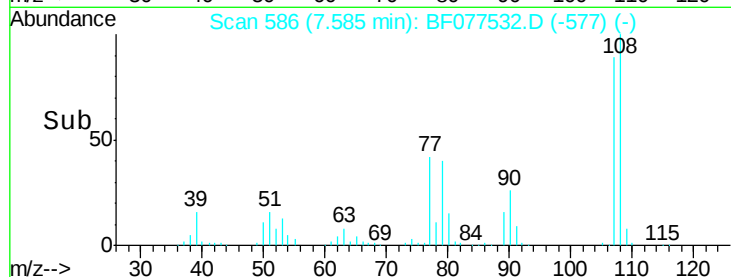
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

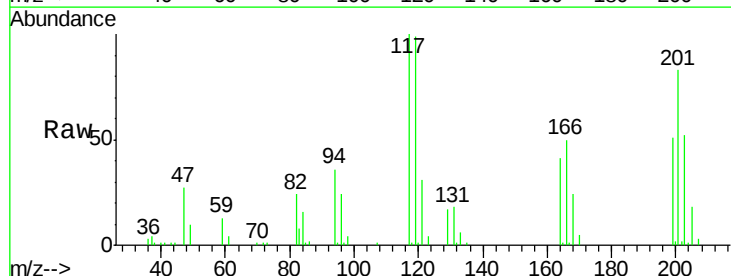
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 20.74 ng
RT: 7.88 min Scan# 612
Delta R.T. 0.00 min
Lab File: BF077532.D
Acq: 2 Mar 2015 19:53

Tgt Ion:	117	Resp:	50564
Ion	Ratio	Lower	Upper
117	100		
119	99.1	77.8	116.8
201	82.6	90.6	136.0#

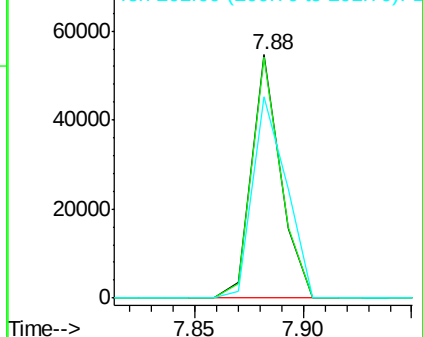
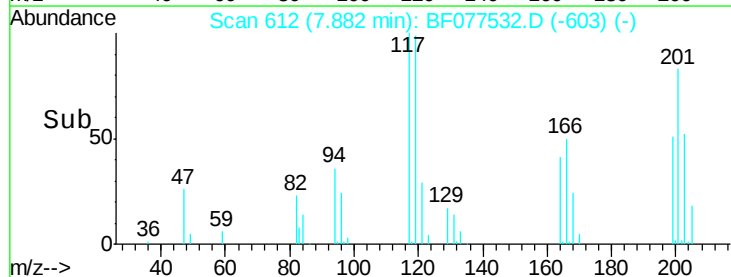


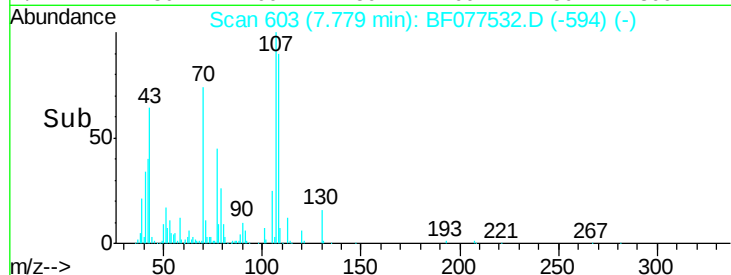
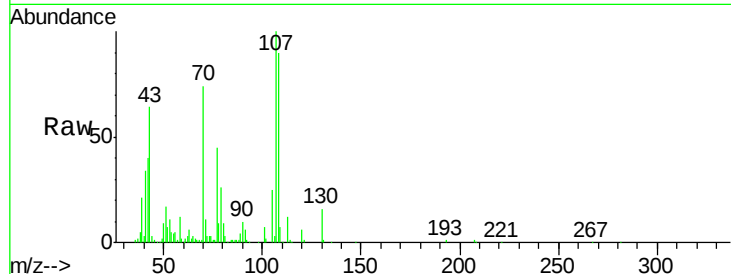
Abundance

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

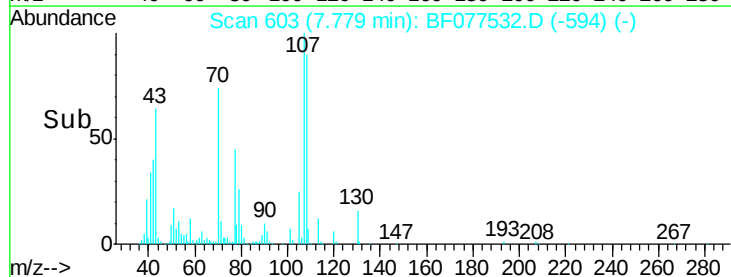
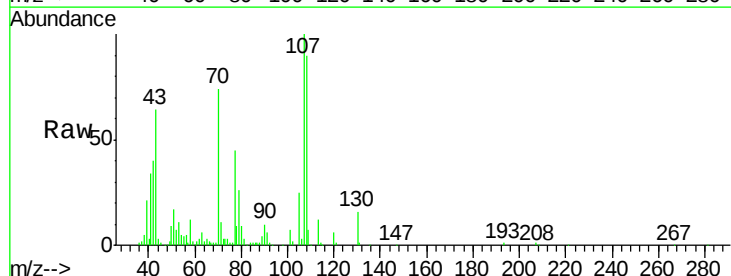
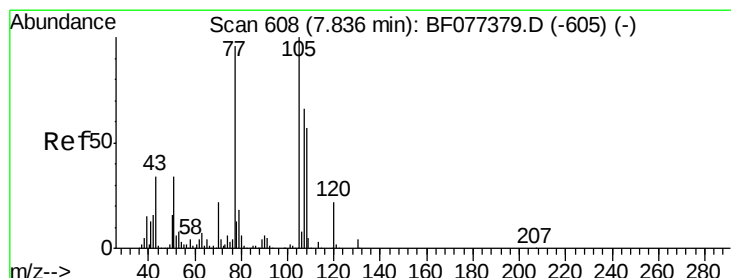
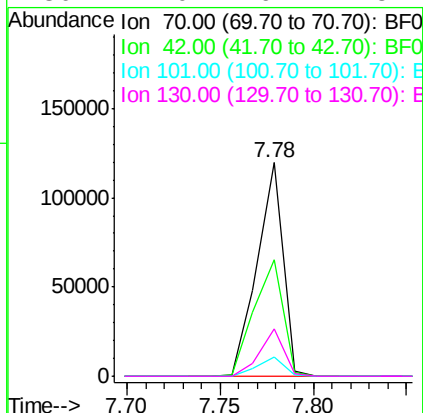




#19
n-Nitroso-di-n-propylamine
Concen: 25.72 ng
RT: 7.78 min Scan# 603
Delta R.T. 0.00 min
Lab File: BF077532.D
Acq: 2 Mar 2015 19:53

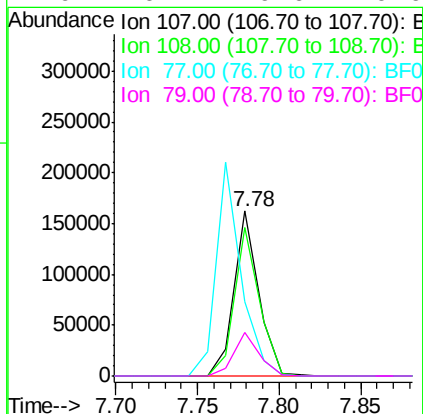
Instrument :
BNA_F
ClientSampleId :
SB13MSD

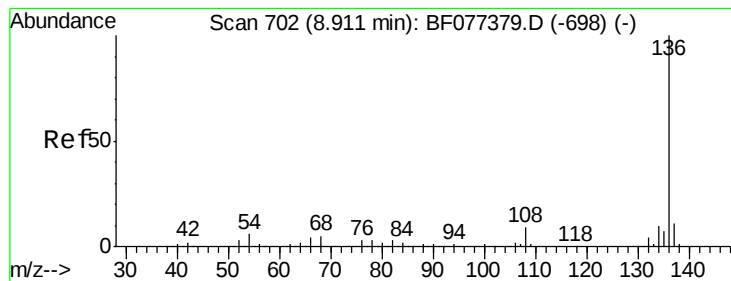
Tgt Ion:	70	Resp:	117300
Ion	Ratio	Lower	Upper
70	100		
42	54.5	48.3	72.5
101	9.1	7.5	11.3
130	22.0	16.7	25.1



#20
3+4-Methylphenols
Concen: 24.83 ng
RT: 7.78 min Scan# 603
Delta R.T. 0.01 min
Lab File: BF077532.D
Acq: 2 Mar 2015 19:53

Tgt Ion:	107	Resp:	168449
Ion	Ratio	Lower	Upper
107	100		
108	89.9	76.8	116.8
77	45.3	65.8	105.8
79	26.2	9.6	49.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.84 min Scan# 696

Delta R.T. 0.00 min

Lab File: BF077532.D

Acq: 2 Mar 2015 19:53

Instrument :

BNA_F

ClientSampleId :

SB13MSD

Tgt Ion:136 Resp: 377108

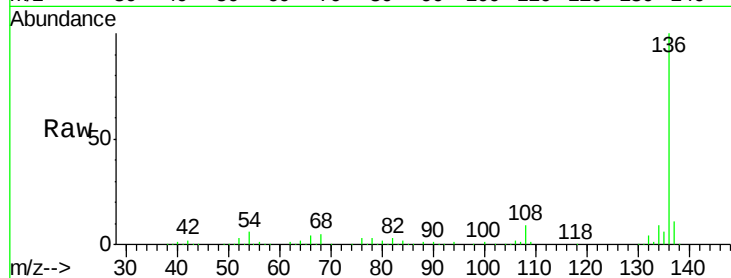
Ion Ratio Lower Upper

136 100

137 10.7 8.6 13.0

54 6.3 6.2 9.4

68 4.9 5.0 7.6#

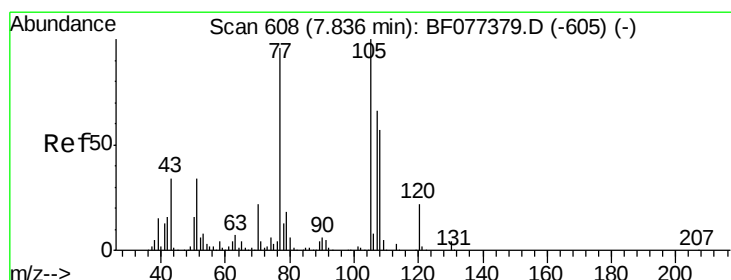
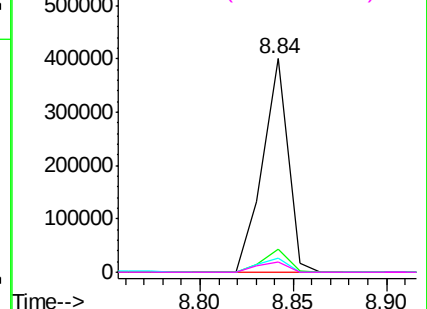
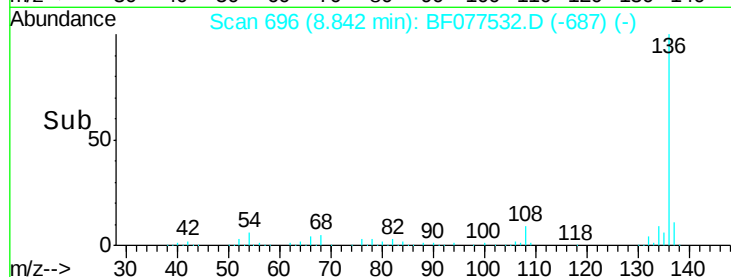


Abundance Ion 136.00 (135.70 to 136.70): E

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: 25.30 ng

RT: 7.77 min Scan# 602

Delta R.T. 0.00 min

Lab File: BF077532.D

Acq: 2 Mar 2015 19:53

Tgt Ion:105 Resp: 224460

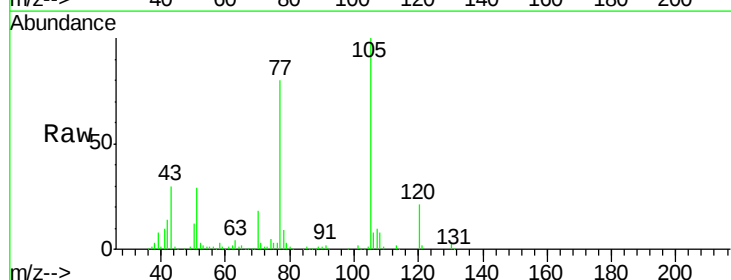
Ion Ratio Lower Upper

105 100

71 3.2 1.7 2.5#

51 28.7 30.7 46.1#

120 21.5 16.7 25.1

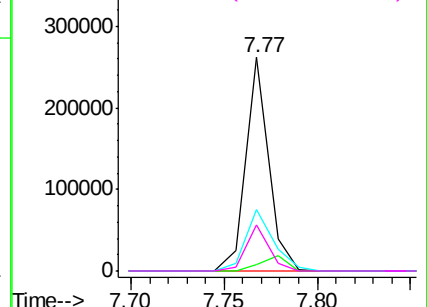
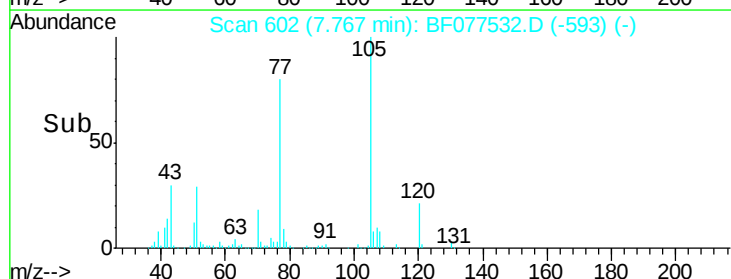


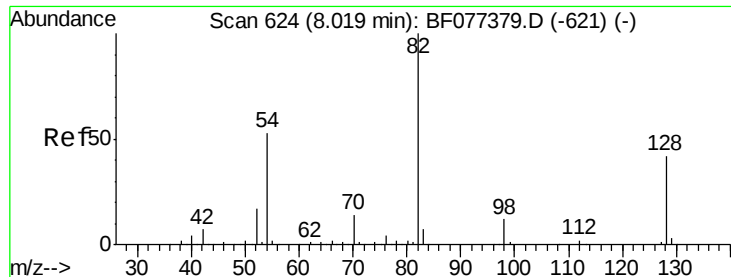
Abundance Ion 105.00 (104.70 to 105.70): E

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

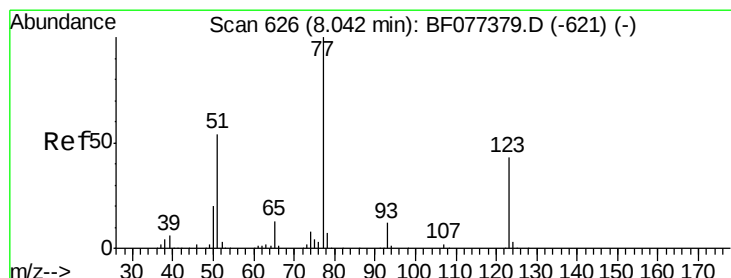
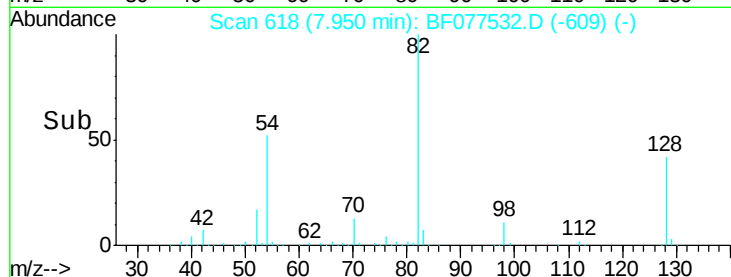
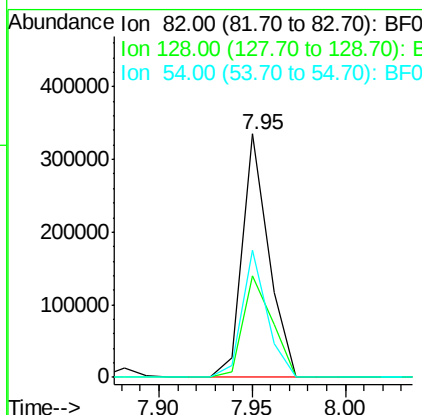
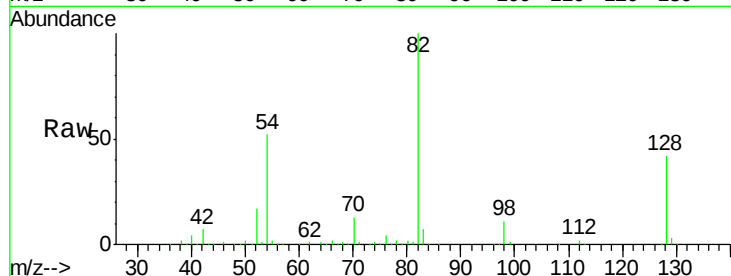




#23
 Nitrobenzene-d5
 Concen: 54.23 ng
 RT: 7.95 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: BF077532.D
 Acq: 2 Mar 2015 19:53

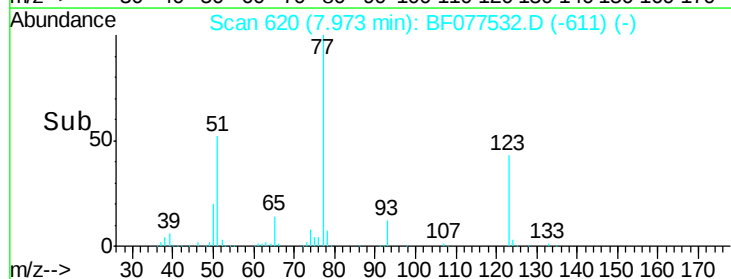
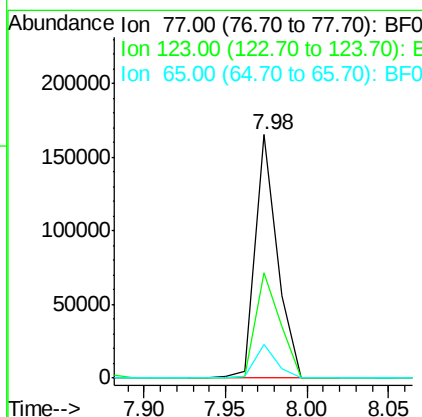
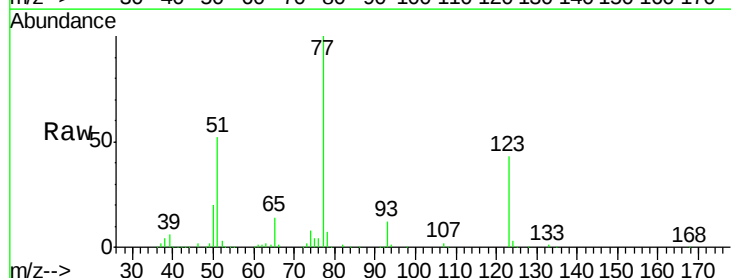
Instrument :
 BNA_F
 ClientSampleId :
 SB13MSD

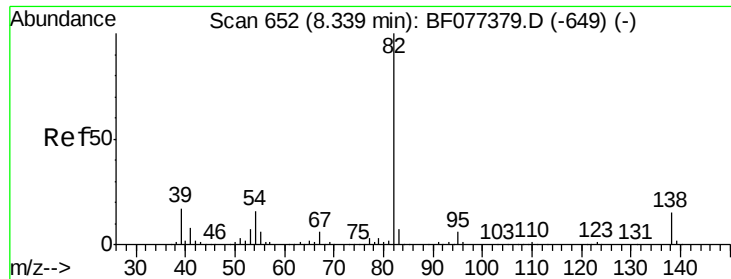
Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.9	43.8	65.8#
54	52.4	36.7	55.1



#24
 Nitrobenzene
 Concen: 24.49 ng
 RT: 7.98 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: BF077532.D
 Acq: 2 Mar 2015 19:53

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.3	45.9	68.9#
65	13.8	9.5	14.3





#25

Isophorone

Concen: 25.10 ng

RT: 8.28 min Scan# 646

Delta R.T. 0.00 min

Lab File: BF077532.D

Acq: 2 Mar 2015 19:53

Instrument :

BNA_F

ClientSampleId :

SB13MSD

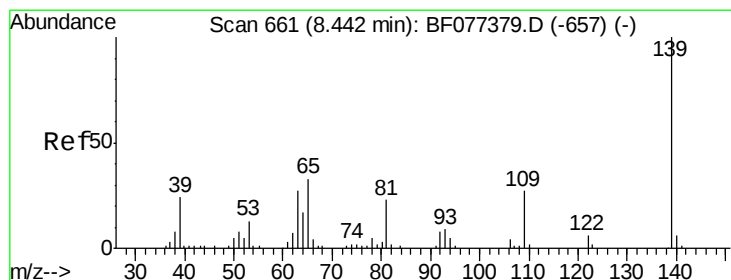
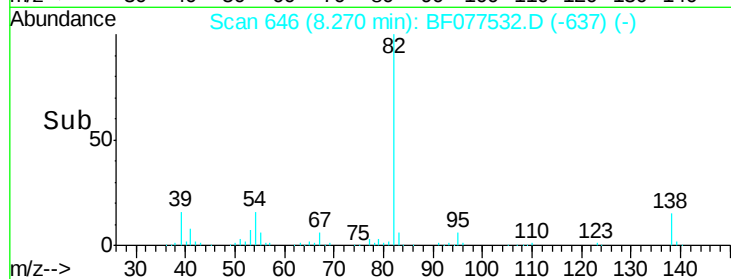
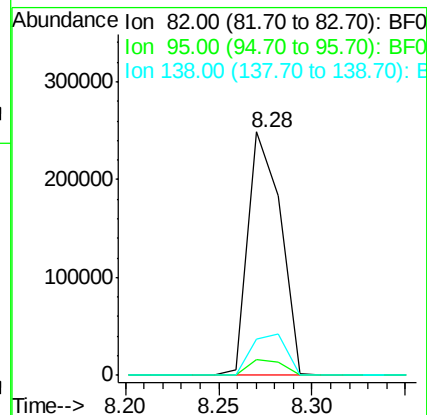
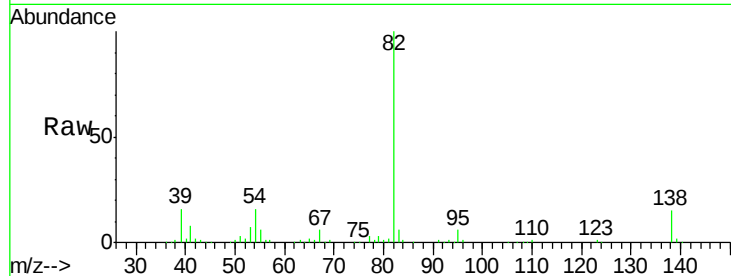
Tgt Ion: 82 Resp: 302035

Ion Ratio Lower Upper

82 100

95 6.4 5.4 8.2

138 15.1 16.3 24.5#



#26

2-Nitrophenol

Concen: 25.83 ng

RT: 8.37 min Scan# 655

Delta R.T. 0.00 min

Lab File: BF077532.D

Acq: 2 Mar 2015 19:53

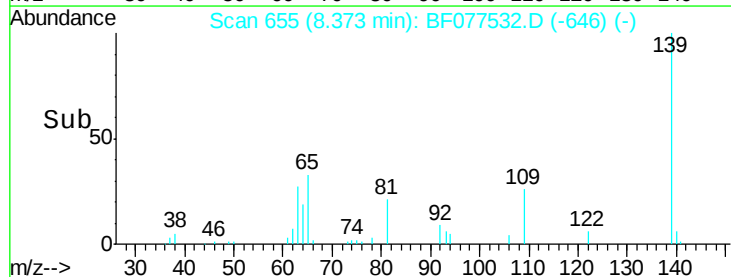
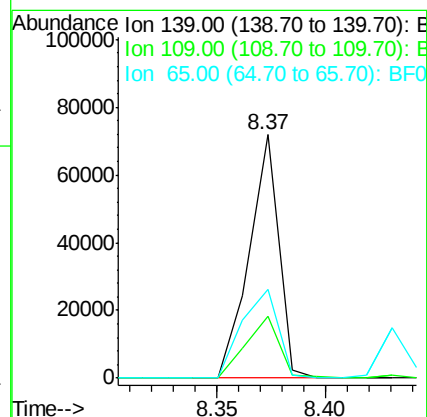
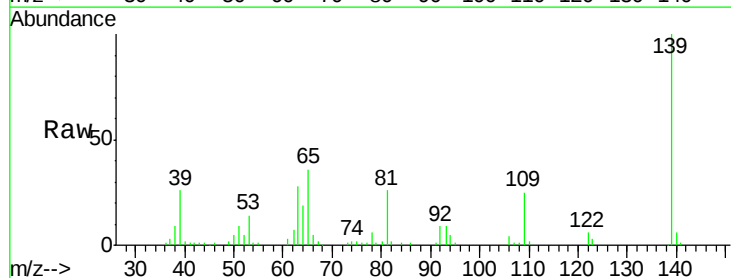
Tgt Ion: 139 Resp: 67533

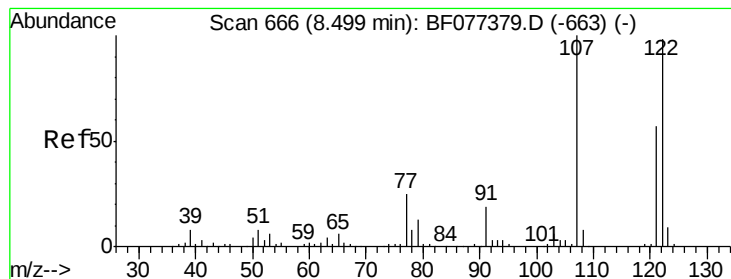
Ion Ratio Lower Upper

139 100

109 25.5 22.6 34.0

65 36.5 36.4 54.6





#27

2,4-Dimethylphenol

Concen: 24.20 ng

RT: 8.43 min Scan# 660

Delta R.T. 0.00 min

Lab File: BF077532.D

Acq: 2 Mar 2015 19:53

Instrument :

BNA_F

ClientSampleId :

SB13MSD

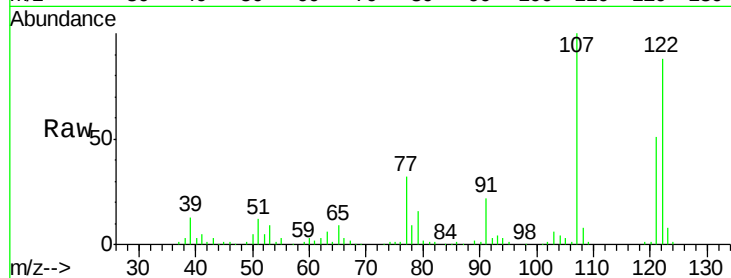
Tgt Ion:122 Resp: 141606

Ion Ratio Lower Upper

122 100

107 113.7 86.6 130.0

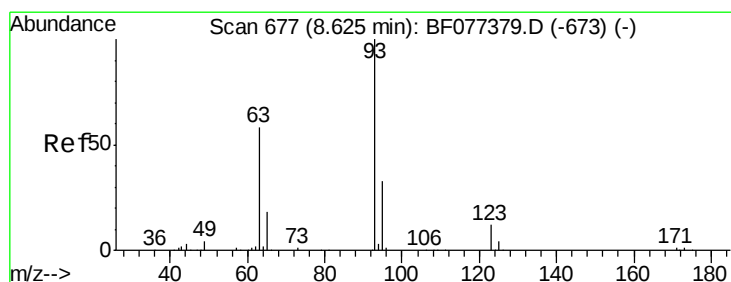
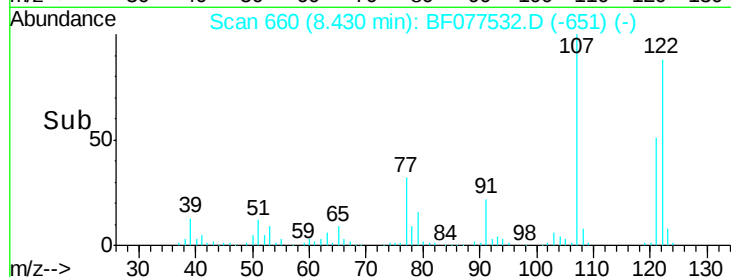
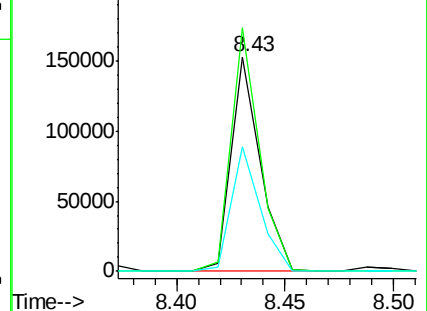
121 58.0 47.4 71.0



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: 25.70 ng

RT: 8.56 min Scan# 671

Delta R.T. 0.00 min

Lab File: BF077532.D

Acq: 2 Mar 2015 19:53

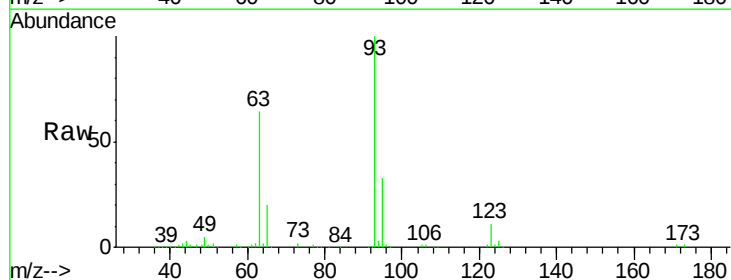
Tgt Ion: 93 Resp: 195359

Ion Ratio Lower Upper

93 100

95 33.1 26.4 39.6

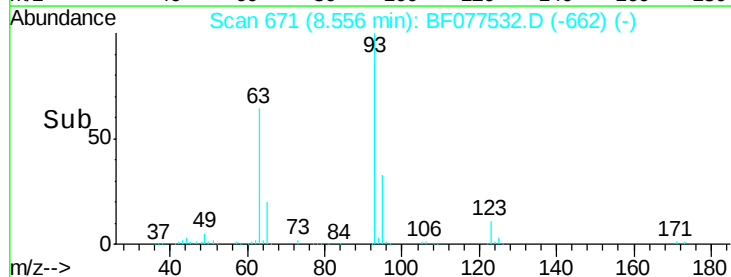
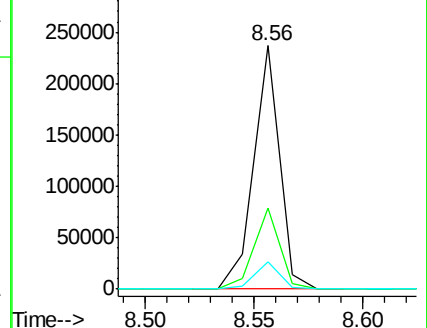
123 11.4 8.7 13.1

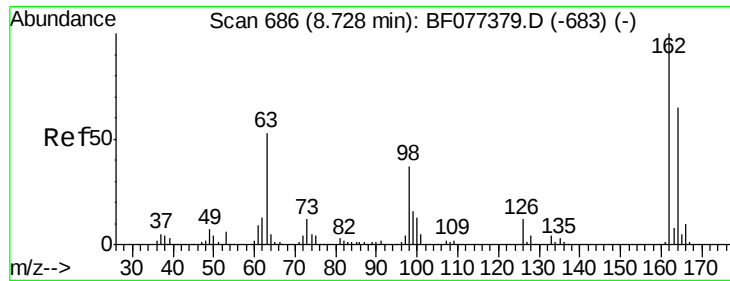


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

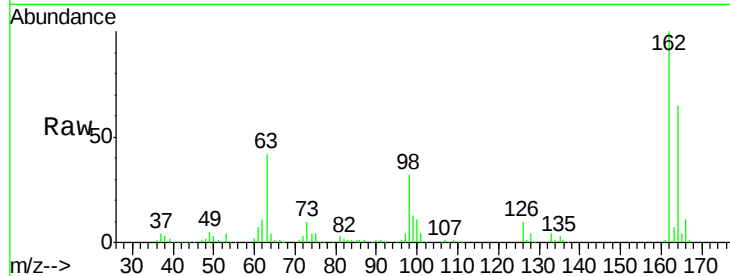




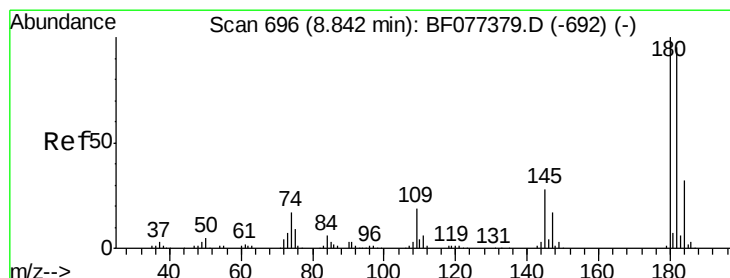
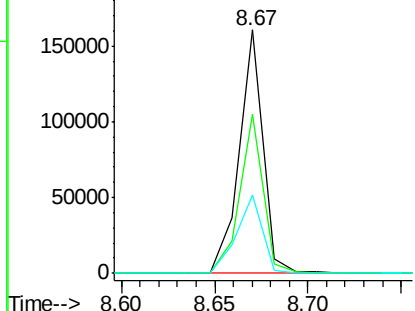
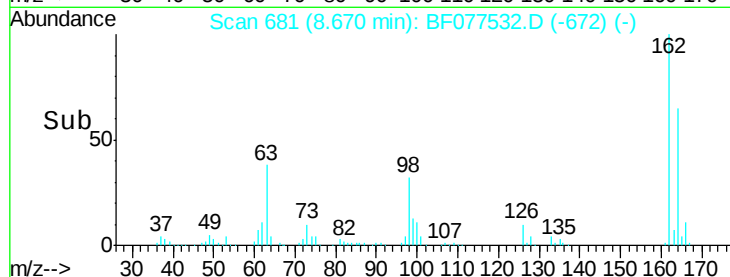
#29
 2,4-Dichlorophenol
 Concen: 26.12 ng
 RT: 8.67 min Scan# 681
 Delta R.T. 0.01 min
 Lab File: BF077532.D
 Acq: 2 Mar 2015 19:53

Instrument :
 BNA_F
 ClientSampleId :
 SB13MSD

Tgt Ion:162 Resp: 143428
 Ion Ratio Lower Upper
 162 100
 164 65.3 46.4 86.4
 98 32.0 6.9 46.9

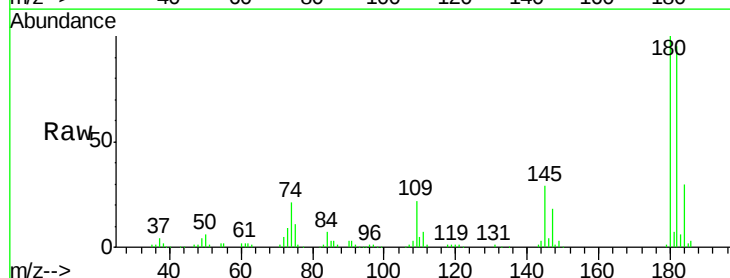


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

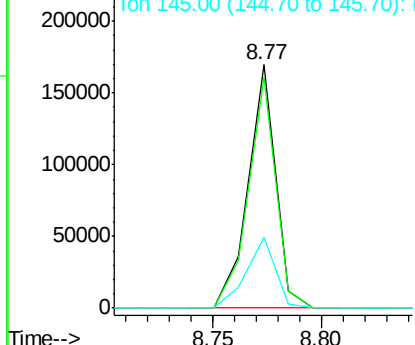
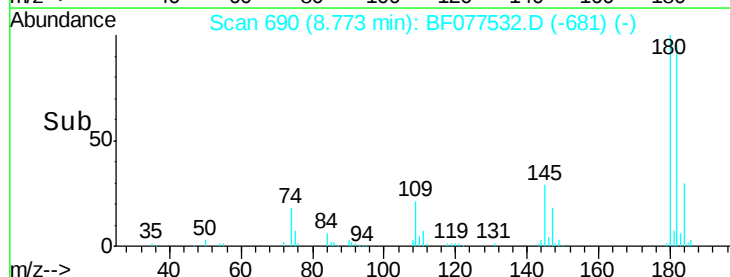


#30
 1,2,4-Trichlorobenzene
 Concen: 24.74 ng
 RT: 8.77 min Scan# 690
 Delta R.T. 0.00 min
 Lab File: BF077532.D
 Acq: 2 Mar 2015 19:53

Tgt Ion:180 Resp: 149405
 Ion Ratio Lower Upper
 180 100
 182 94.7 76.2 114.4
 145 29.0 24.5 36.7



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

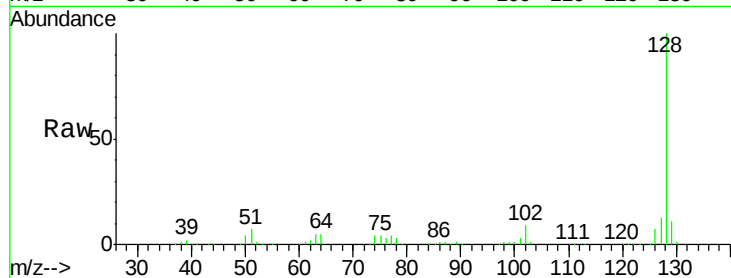




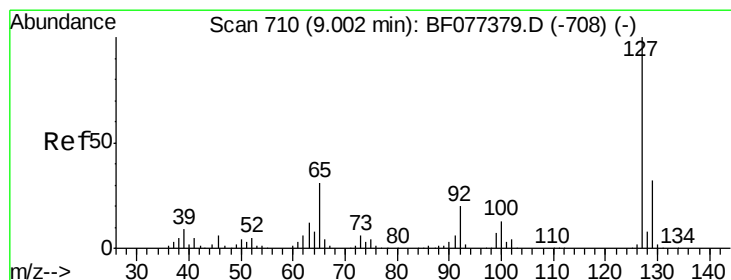
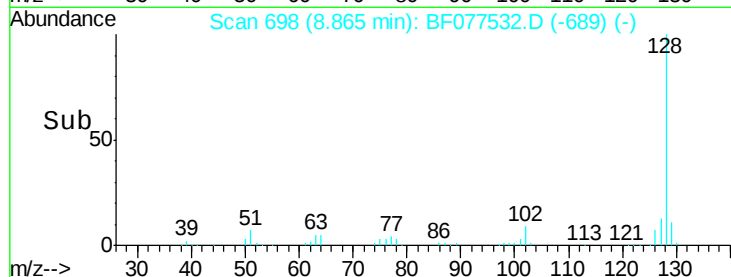
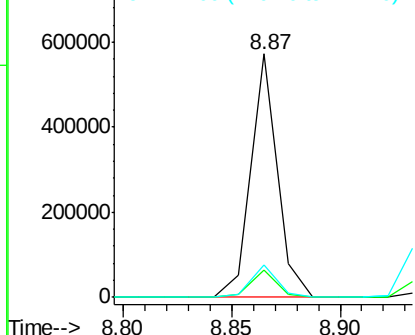
#31
Naphthalene
Concen: 25.62 ng
RT: 8.87 min Scan# 698
Delta R.T. 0.00 min
Lab File: BF077532.D
Acq: 2 Mar 2015 19:53

Instrument :
BNA_F
ClientSampleId :
SB13MSD

Tgt Ion:128 Resp: 483178
Ion Ratio Lower Upper
128 100
129 11.5 9.4 14.0
127 13.3 10.6 15.8

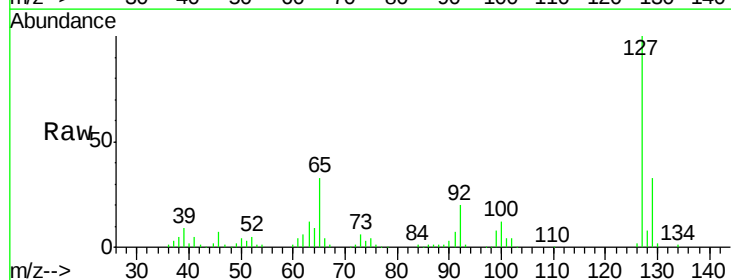


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

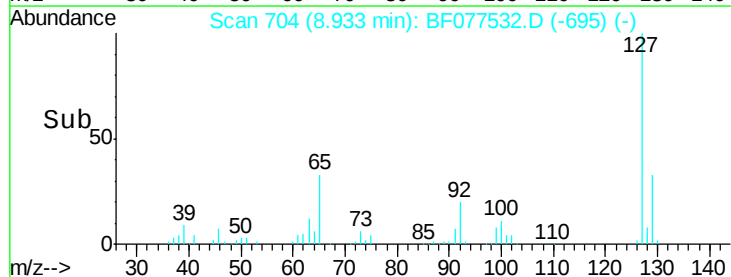
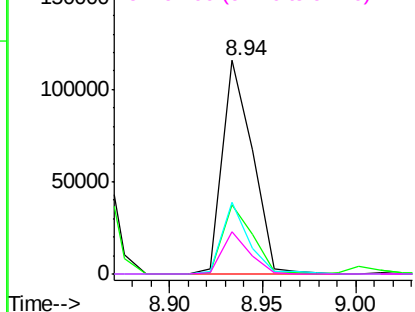


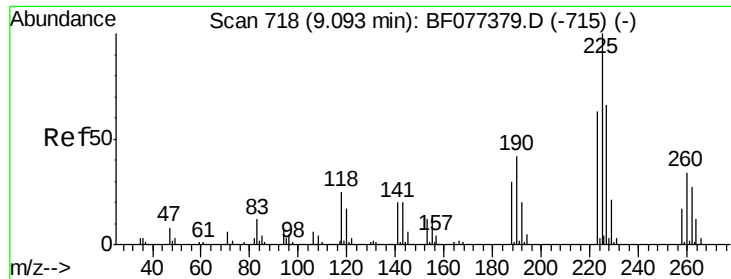
#33
4-Chloroaniline
Concen: 15.67 ng
RT: 8.94 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF077532.D
Acq: 2 Mar 2015 19:53

Tgt Ion:127 Resp: 131373
Ion Ratio Lower Upper
127 100
129 32.7 26.9 40.3
65 33.4 16.7 25.1#
92 20.1 12.5 18.7#



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

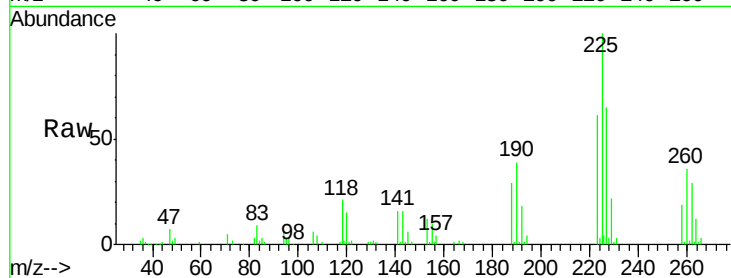




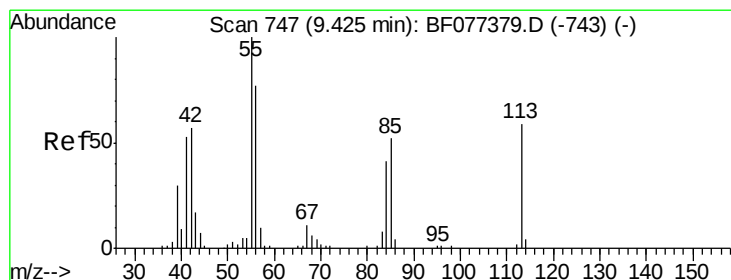
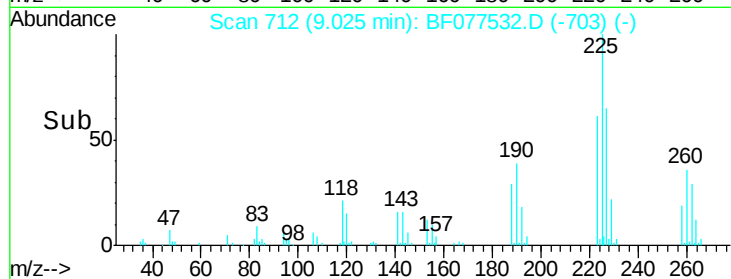
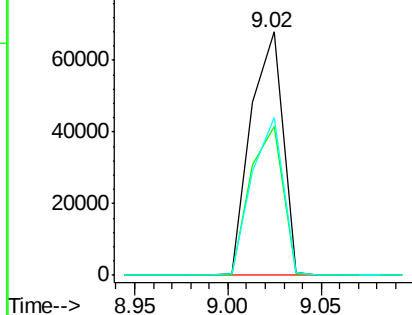
#34
Hexachlorobutadiene
Concen: 23.42 ng
RT: 9.02 min Scan# 712
Delta R.T. 0.00 min
Lab File: BF077532.D
Acq: 2 Mar 2015 19:53

Instrument :
BNA_F
ClientSampleId :
SB13MSD

Tgt Ion: 225 Resp: 80715
Ion Ratio Lower Upper
225 100
223 61.1 49.5 74.3
227 65.0 50.5 75.7

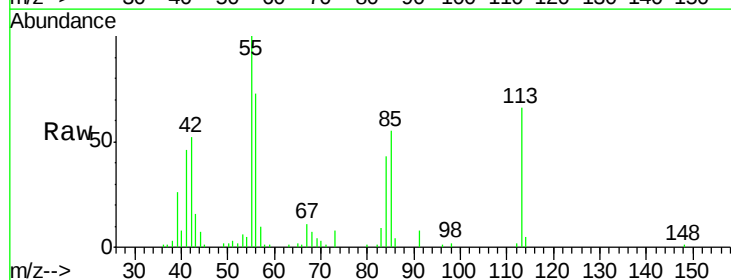


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

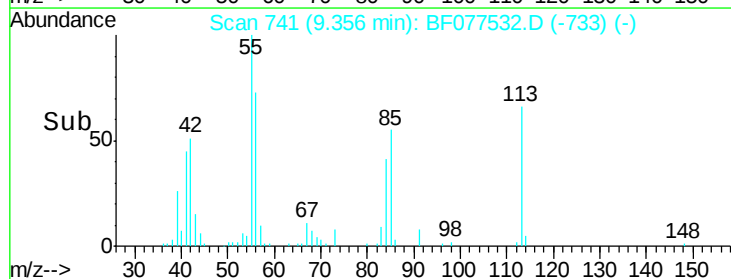
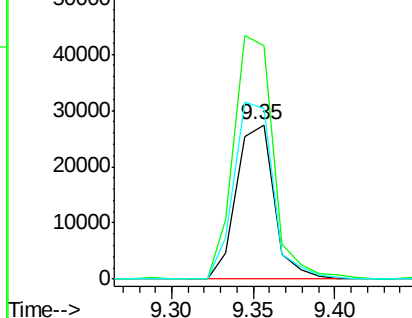


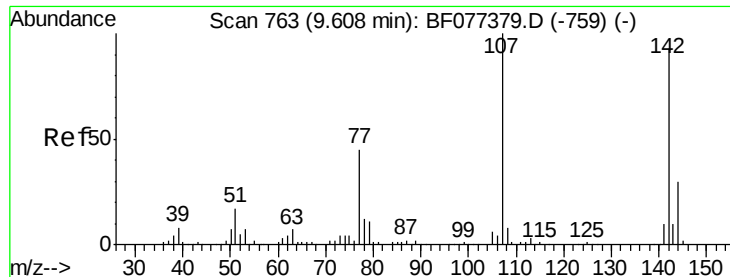
#35
Caprolactam
Concen: 26.18 ng
RT: 9.35 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF077532.D
Acq: 2 Mar 2015 19:53

Tgt Ion: 113 Resp: 43893
Ion Ratio Lower Upper
113 100
55 150.7 154.6 194.6#
56 110.5 114.0 154.0#



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

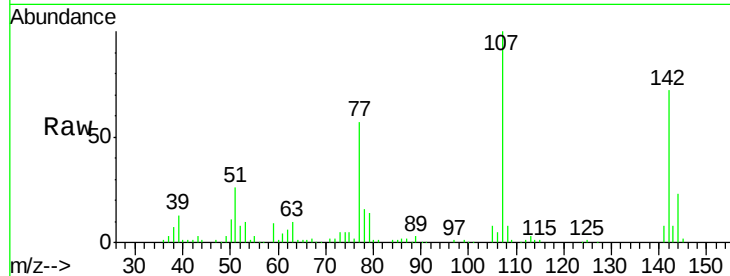




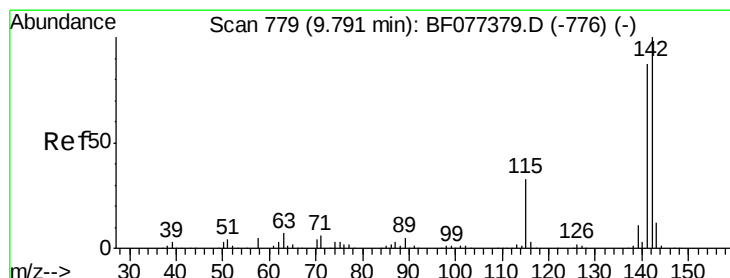
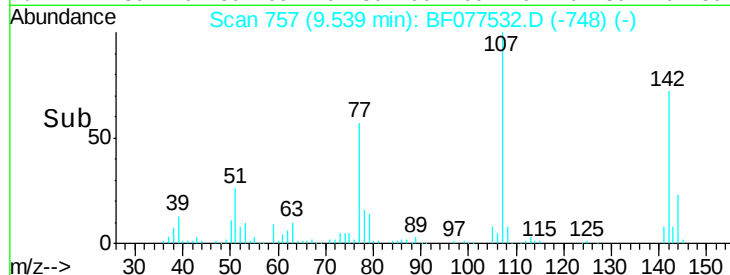
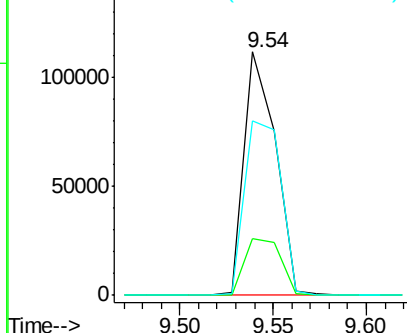
#36
 4-Chloro-3-methylphenol
 Concen: 23.75 ng
 RT: 9.54 min Scan# 757
 Delta R.T. 0.00 min
 Lab File: BF077532.D
 Acq: 2 Mar 2015 19:53

Instrument :
 BNA_F
 ClientSampled :
 SB13MSD

Tgt Ion:107 Resp: 131150
 Ion Ratio Lower Upper
 107 100
 144 23.1 21.1 31.7
 142 71.8 65.3 97.9

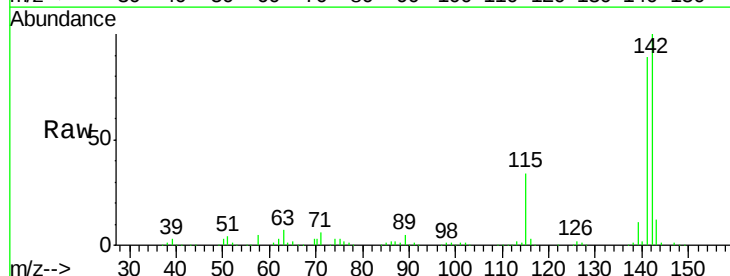


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

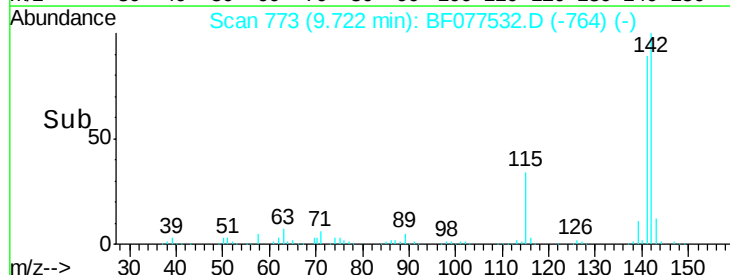
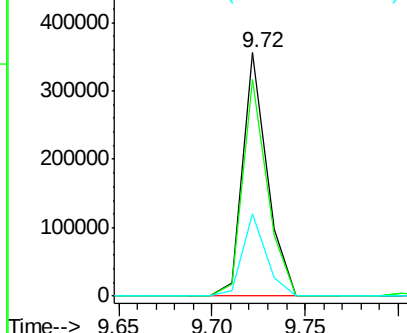


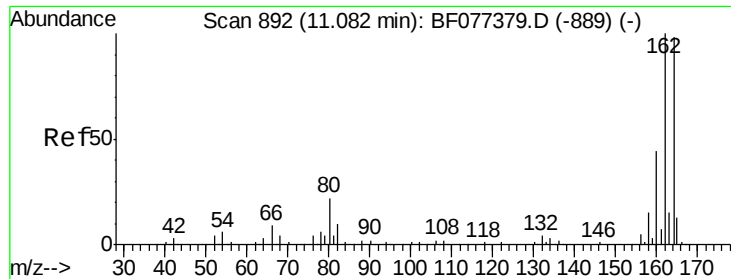
#37
 2-Methylnaphthalene
 Concen: 24.36 ng
 RT: 9.72 min Scan# 773
 Delta R.T. 0.00 min
 Lab File: BF077532.D
 Acq: 2 Mar 2015 19:53

Tgt Ion:142 Resp: 326246
 Ion Ratio Lower Upper
 142 100
 141 89.0 70.7 106.1
 115 33.6 24.2 36.4



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 11.01 min Scan# 886

Delta R.T. 0.00 min

Lab File: BF077532.D

Acq: 2 Mar 2015 19:53

Instrument :

BNA_F

ClientSampleId :

SB13MSD

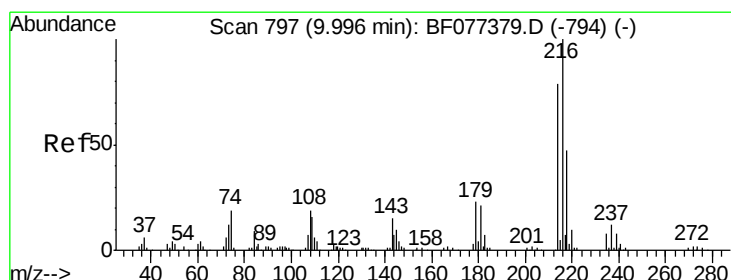
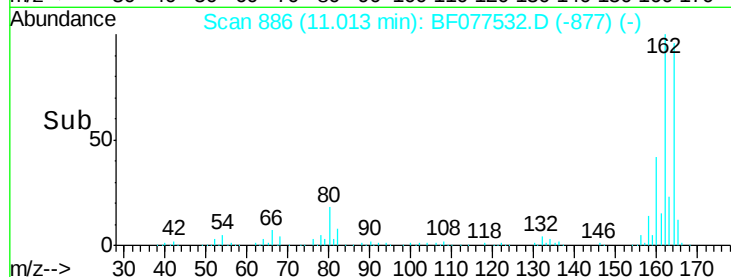
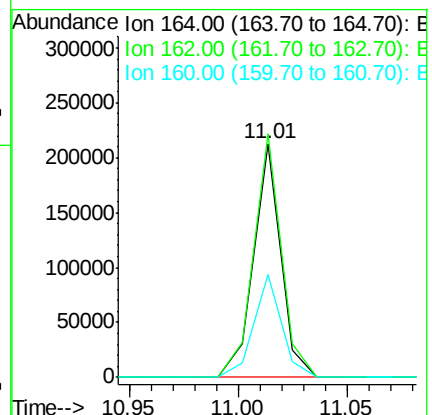
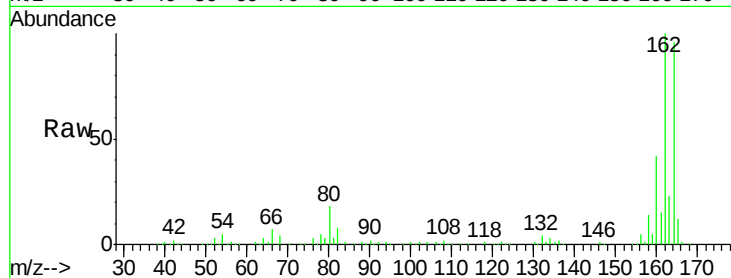
Tgt Ion:164 Resp: 183824

Ion Ratio Lower Upper

164 100

162 104.2 83.2 124.8

160 44.3 34.6 52.0



#39

1,2,4,5-Tetrachlorobenzene

Concen: 27.17 ng

RT: 9.93 min Scan# 791

Delta R.T. 0.00 min

Lab File: BF077532.D

Acq: 2 Mar 2015 19:53

Tgt Ion:216 Resp: 143290

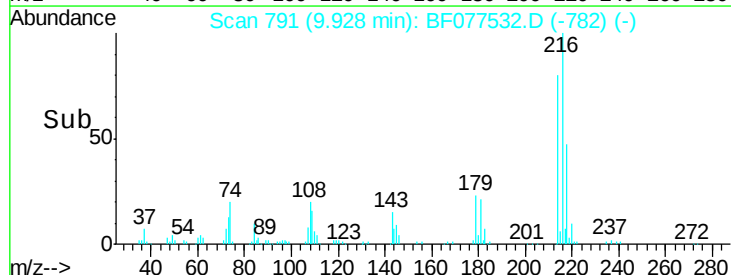
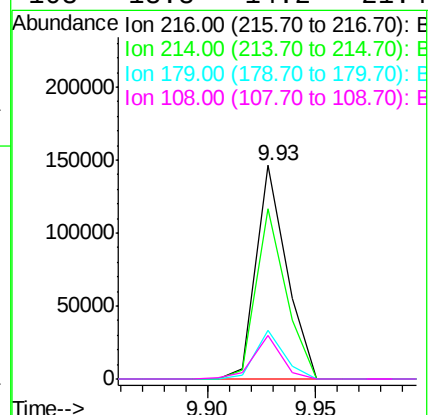
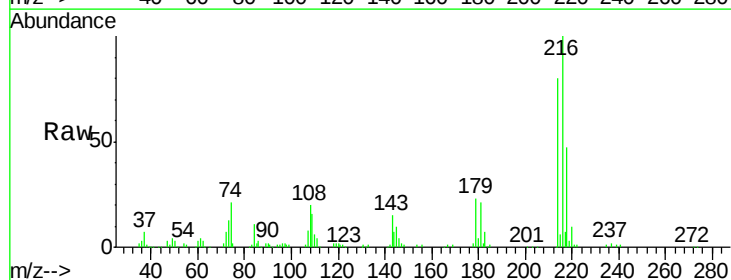
Ion Ratio Lower Upper

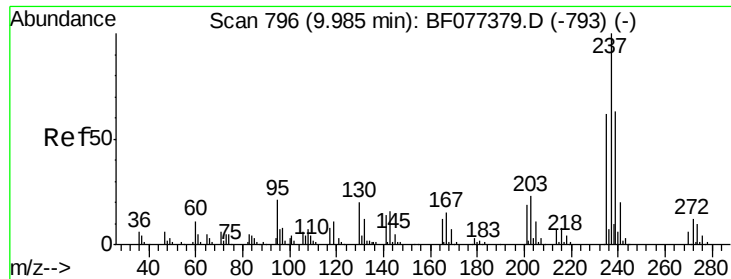
216 100

214 78.3 63.4 95.0

179 21.1 16.6 25.0

108 18.8 14.2 21.4

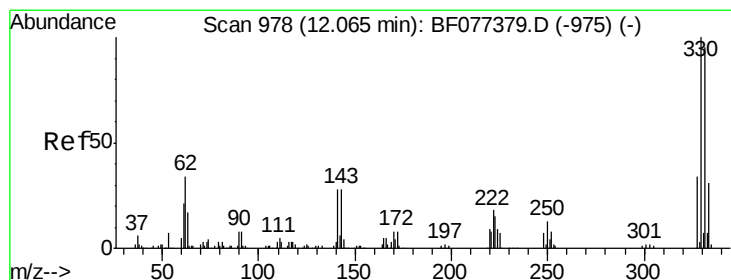
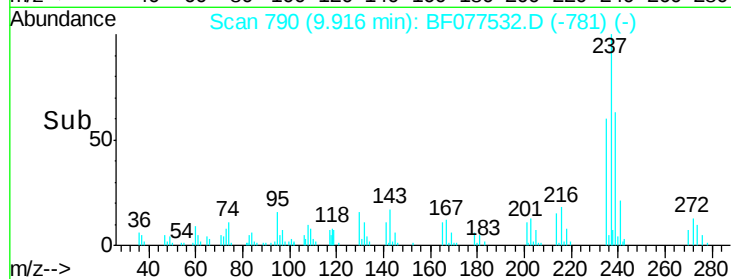
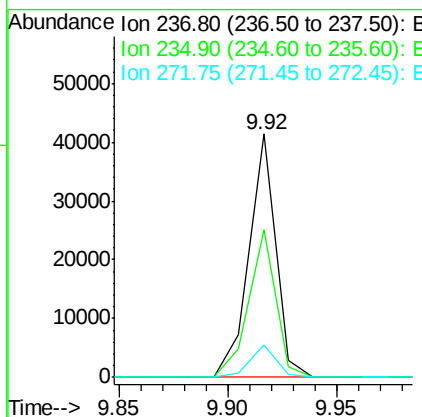
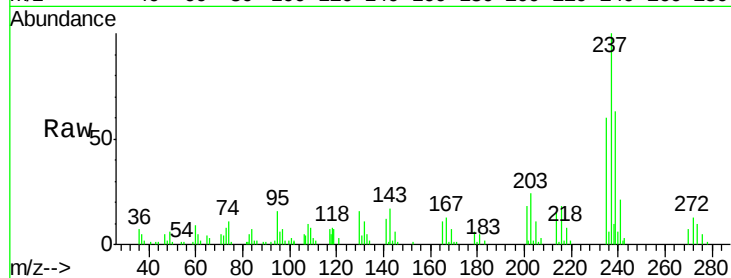




#40
Hexachlorocyclopentadiene
Concen: 12.53 ng
RT: 9.92 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF077532.D
Acq: 2 Mar 2015 19:53

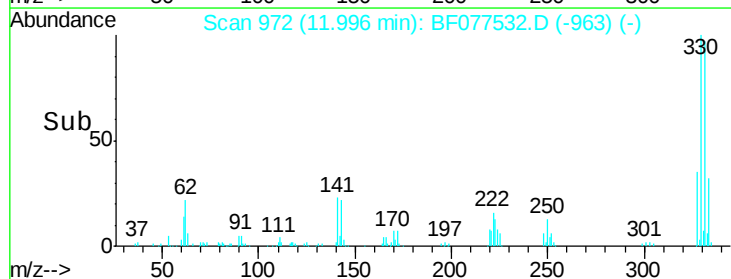
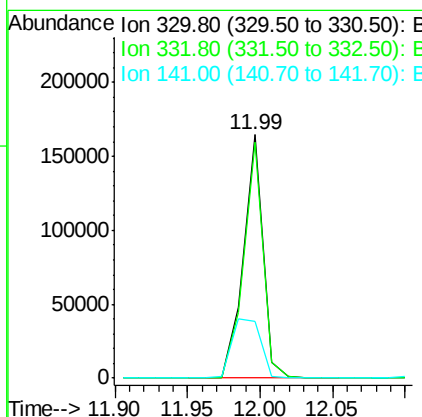
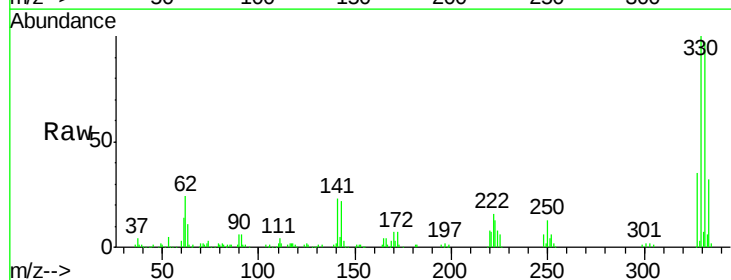
Instrument :
BNA_F
ClientSampleId :
SB13MSD

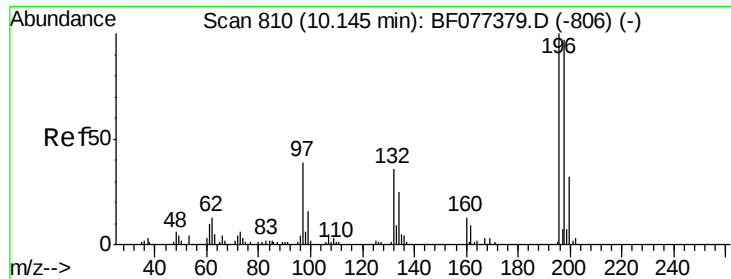
Tgt Ion:237 Resp: 35448
Ion Ratio Lower Upper
237 100
235 60.4 41.0 81.0
272 13.2 0.0 34.3



#41
2,4,6-Tribromophenol
Concen: 87.61 ng
RT: 11.99 min Scan# 972
Delta R.T. 0.01 min
Lab File: BF077532.D
Acq: 2 Mar 2015 19:53

Tgt Ion:330 Resp: 155063
Ion Ratio Lower Upper
330 100
332 96.1 77.4 116.2
141 35.7 28.8 43.2





#42

2,4,6-Trichlorophenol

Concen: 28.46 ng

RT: 10.08 min Scan# 804

Delta R.T. 0.01 min

Lab File: BF077532.D

Acq: 2 Mar 2015 19:53

Instrument :

BNA_F

ClientSampleId :

SB13MSD

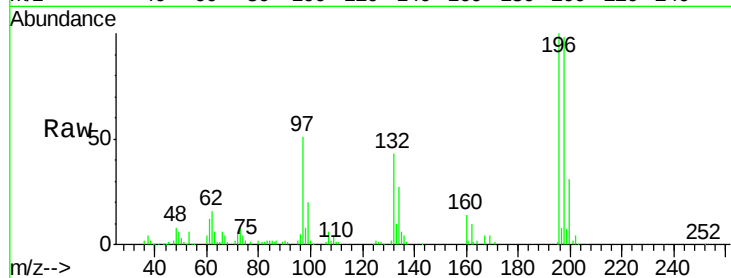
Tgt Ion:196 Resp: 99419

Ion Ratio Lower Upper

196 100

198 98.0 75.8 113.8

200 30.5 24.2 36.4

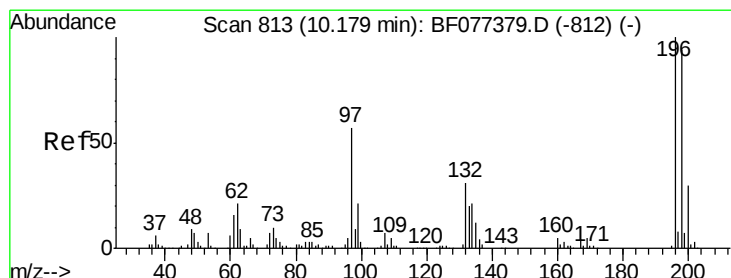
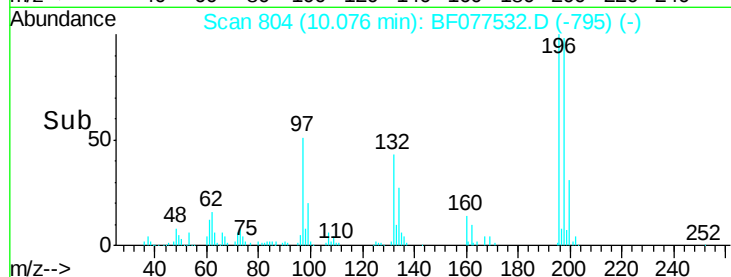
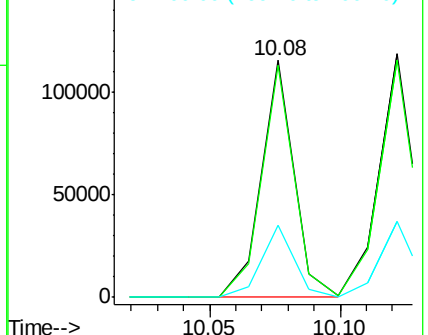


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#43

2,4,5-Trichlorophenol

Concen: 28.44 ng

RT: 10.12 min Scan# 808

Delta R.T. 0.01 min

Lab File: BF077532.D

Acq: 2 Mar 2015 19:53

Tgt Ion:196 Resp: 106232

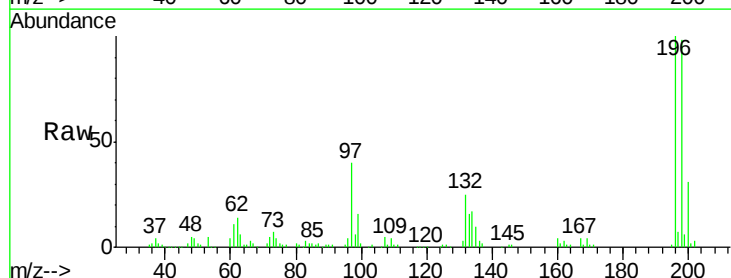
Ion Ratio Lower Upper

196 100

198 97.6 77.2 115.8

97 40.4 27.7 41.5

132 24.8 18.0 27.0



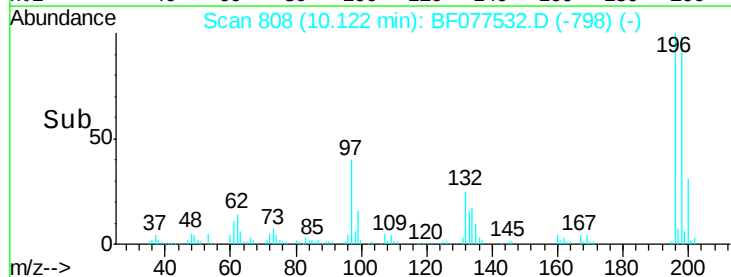
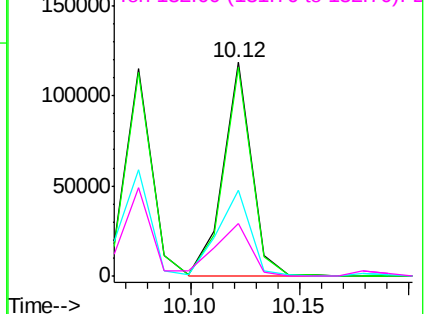
Abundance

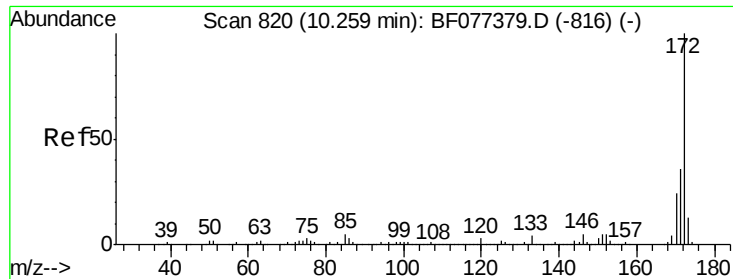
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E

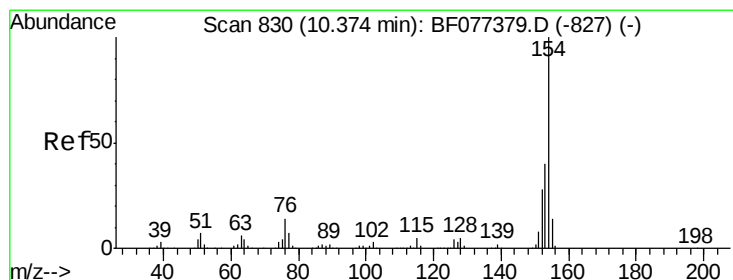
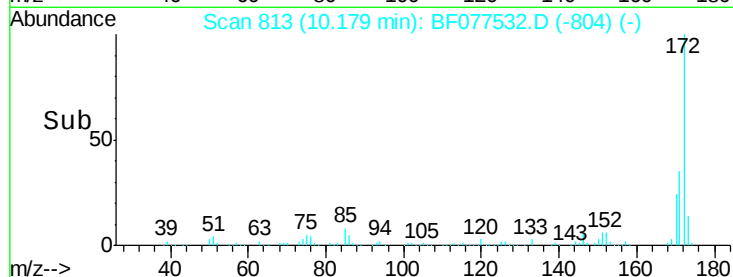
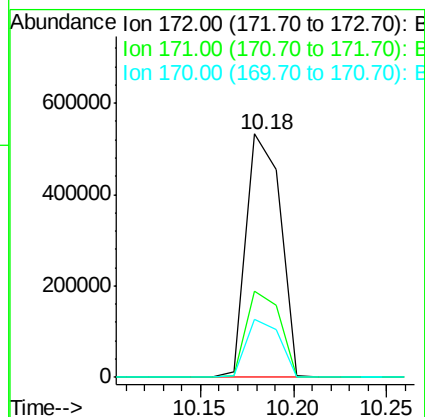
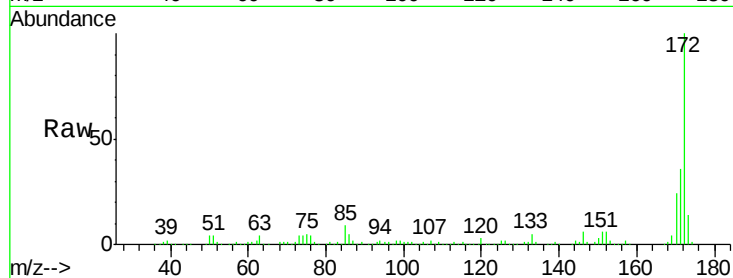




#44
2-Fluorobiphenyl
Concen: 58.28 ng
RT: 10.18 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF077532.D
Acq: 2 Mar 2015 19:53

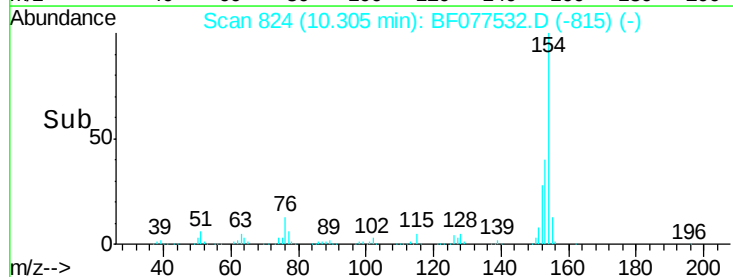
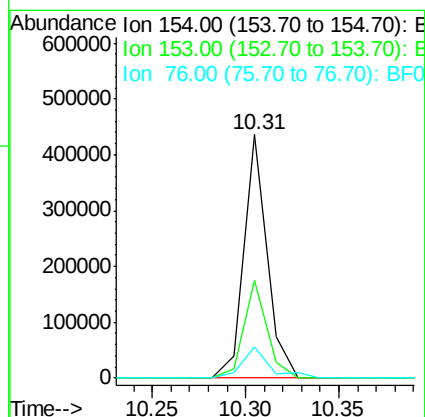
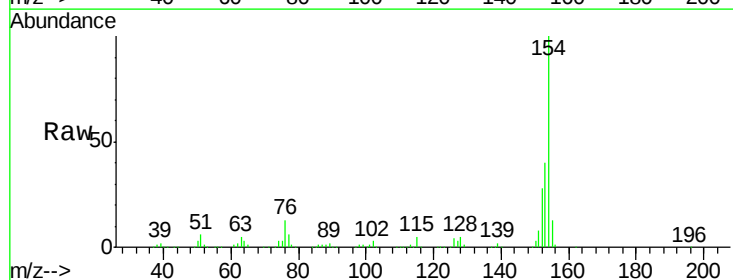
Instrument :
BNA_F
ClientSampleId :
SB13MSD

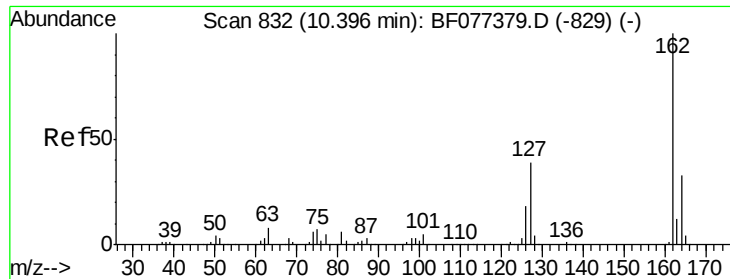
Tgt Ion:172 Resp: 687108
Ion Ratio Lower Upper
172 100
171 35.6 28.9 43.3
170 23.6 19.4 29.2



#45
1,1'-Biphenyl
Concen: 27.09 ng
RT: 10.31 min Scan# 824
Delta R.T. 0.00 min
Lab File: BF077532.D
Acq: 2 Mar 2015 19:53

Tgt Ion:154 Resp: 377339
Ion Ratio Lower Upper
154 100
153 40.4 20.2 60.2
76 13.0 0.0 29.4

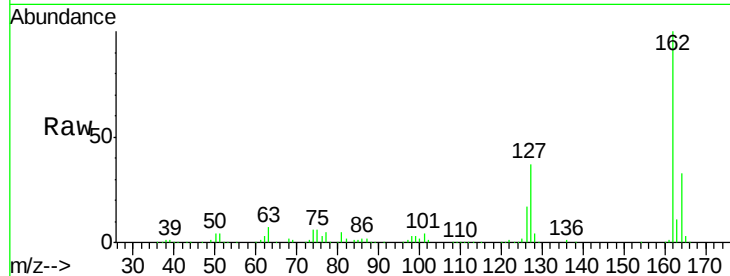




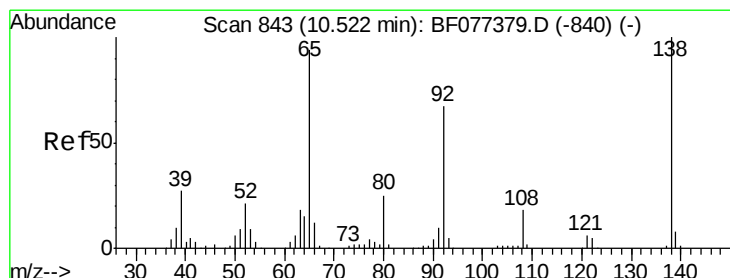
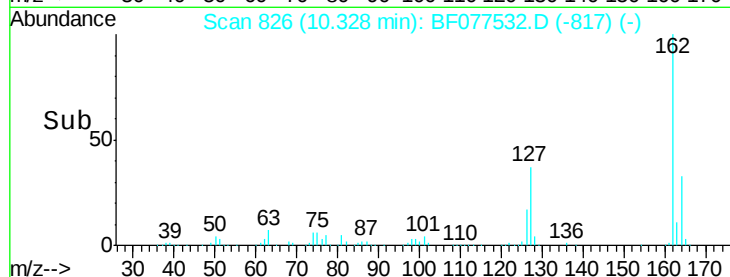
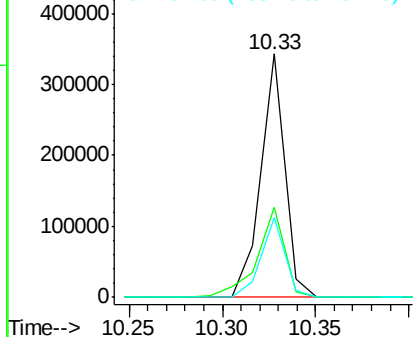
#46
 2-Chloronaphthalene
 Concen: 27.80 ng
 RT: 10.33 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BF077532.D
 Acq: 2 Mar 2015 19:53

Instrument :
 BNA_F
 ClientSampleId :
 SB13MSD

Tgt Ion: 162 Resp: 303656
 Ion Ratio Lower Upper
 162 100
 127 37.0 33.3 49.9
 164 32.7 26.2 39.4

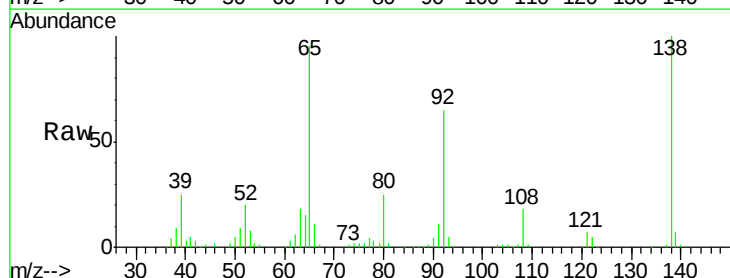


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

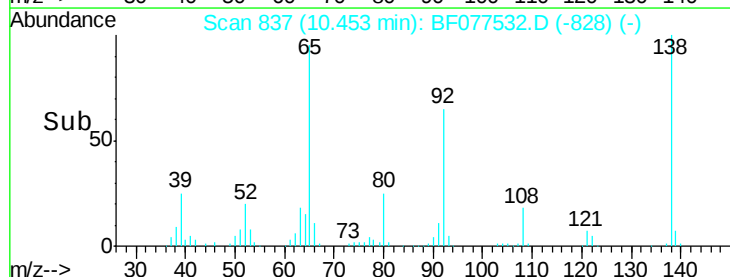
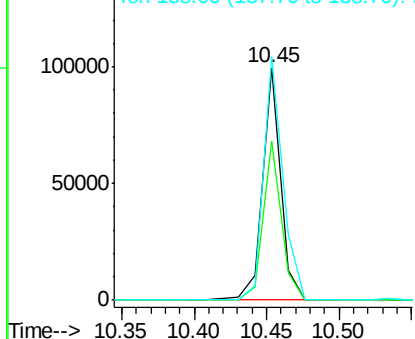


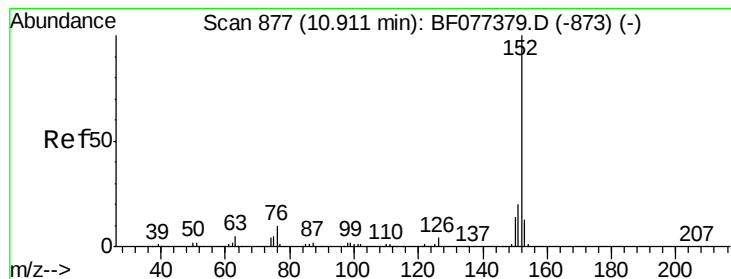
#47
 2-Nitroaniline
 Concen: 31.96 ng
 RT: 10.45 min Scan# 837
 Delta R.T. 0.00 min
 Lab File: BF077532.D
 Acq: 2 Mar 2015 19:53

Tgt Ion: 65 Resp: 85929
 Ion Ratio Lower Upper
 65 100
 92 68.5 52.4 78.6
 138 104.9 73.4 110.0



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: 28.75 ng

RT: 10.84 min Scan# 871

Delta R.T. 0.01 min

Lab File: BF077532.D

Acq: 2 Mar 2015 19:53

Instrument :

BNA_F

ClientSampleId :

SB13MSD

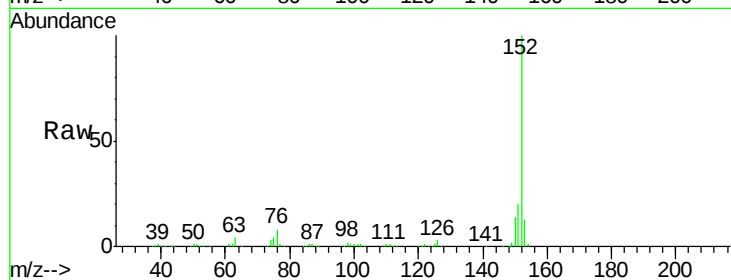
Tgt Ion:152 Resp: 497036

Ion Ratio Lower Upper

152 100

151 19.8 16.1 24.1

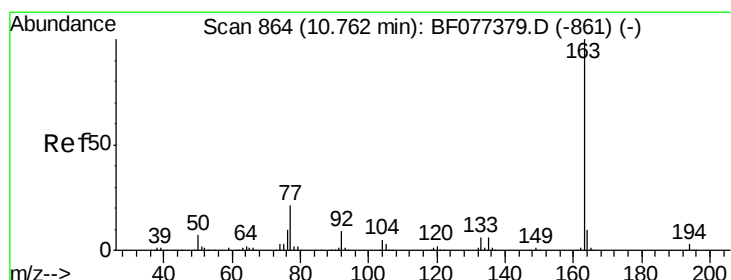
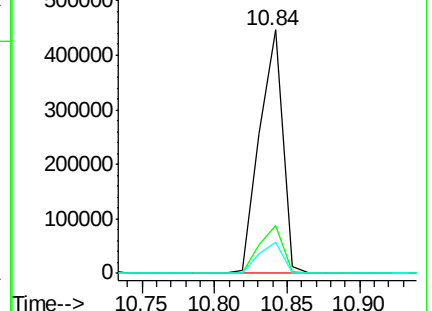
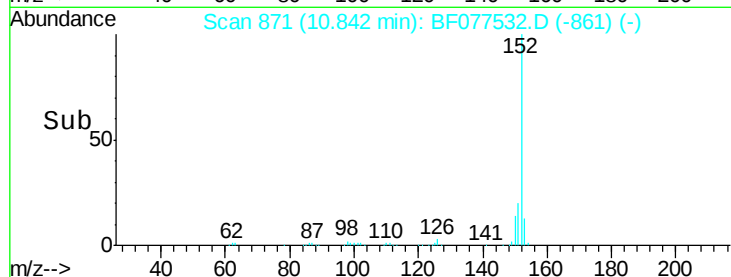
153 12.8 10.9 16.3



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: 29.97 ng

RT: 10.69 min Scan# 858

Delta R.T. 0.00 min

Lab File: BF077532.D

Acq: 2 Mar 2015 19:53

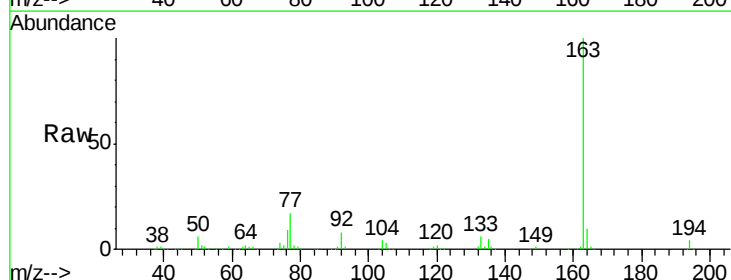
Tgt Ion:163 Resp: 387193

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

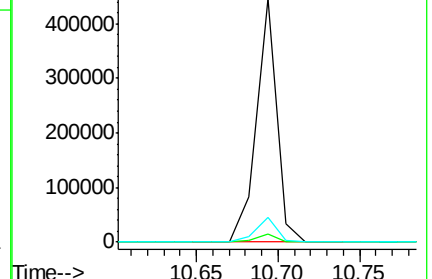
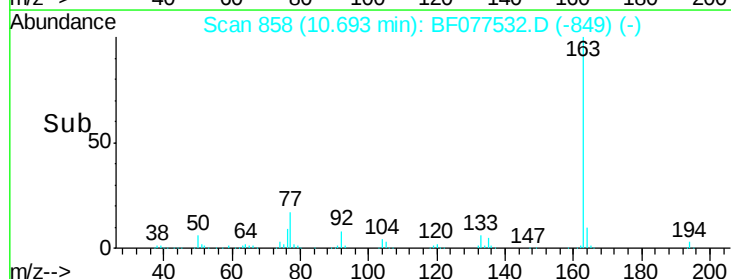
164 10.3 8.6 13.0

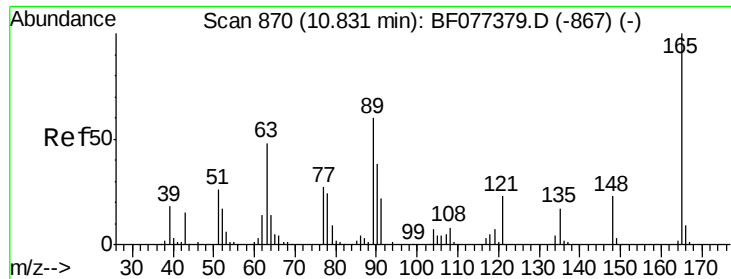


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

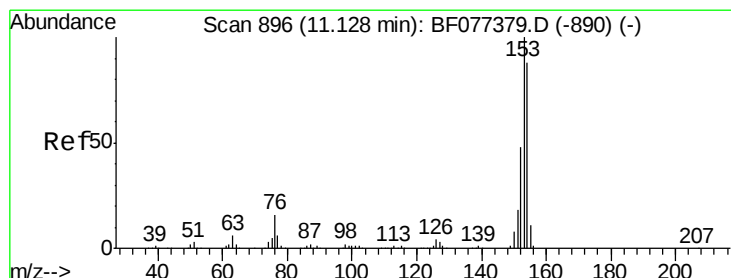
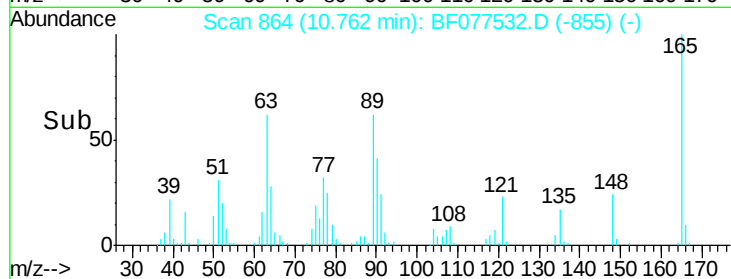
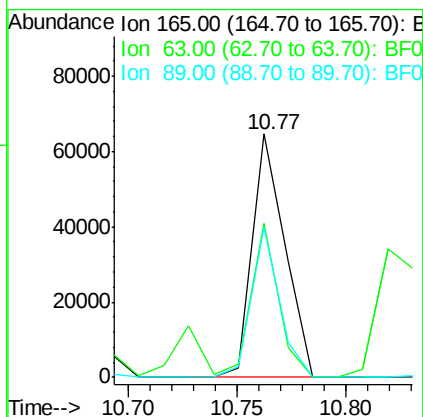
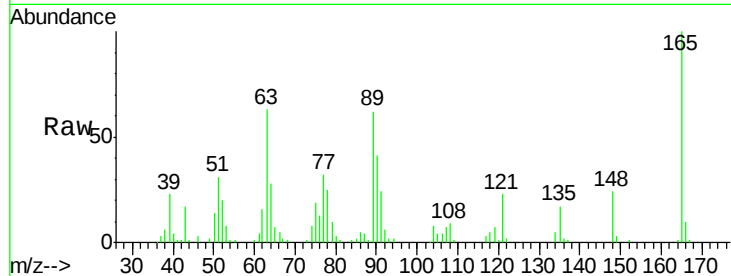




#50
2,6-Dinitrotoluene
Concen: 25.88 ng
RT: 10.77 min Scan# 864
Delta R.T. 0.00 min
Lab File: BF077532.D
Acq: 2 Mar 2015 19:53

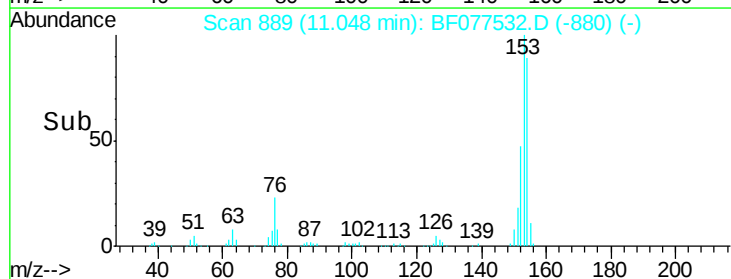
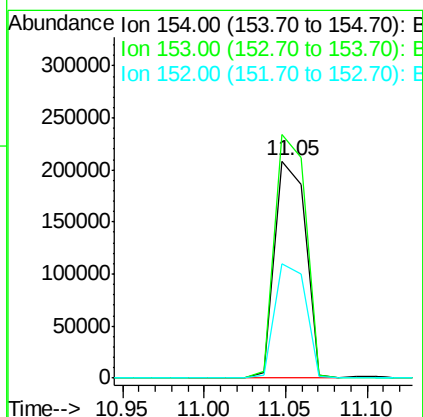
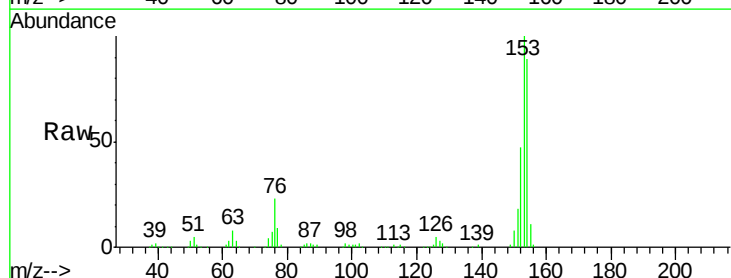
Instrument :
BNA_F
ClientSampleId :
SB13MSD

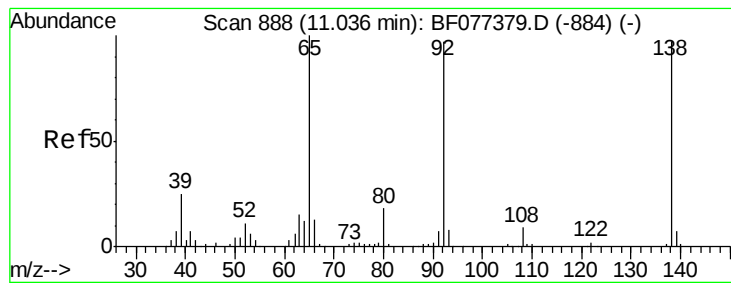
Tgt Ion:165 Resp: 67075
Ion Ratio Lower Upper
165 100
63 63.3 25.2 37.8#
89 61.8 30.5 45.7#



#51
Acenaphthene
Concen: 26.81 ng
RT: 11.05 min Scan# 889
Delta R.T. 0.00 min
Lab File: BF077532.D
Acq: 2 Mar 2015 19:53

Tgt Ion:154 Resp: 276594
Ion Ratio Lower Upper
154 100
153 112.3 90.5 135.7
152 53.0 43.5 65.3





#52

3-Nitroaniline

Concen: 29.38 ng

RT: 10.97 min Scan# 882

Delta R.T. 0.00 min

Lab File: BF077532.D

Acq: 2 Mar 2015 19:53

Instrument :

BNA_F

ClientSampleId :

SB13MSD

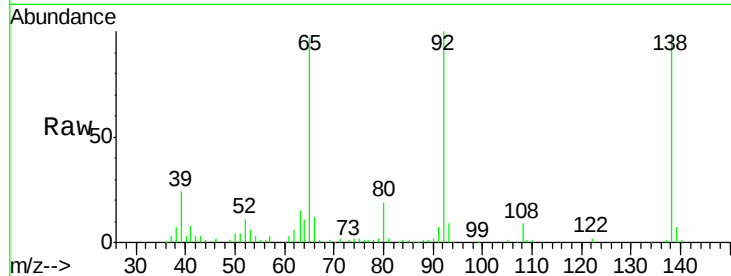
Tgt Ion:138 Resp: 87768

Ion Ratio Lower Upper

138 100

108 9.6 7.8 11.8

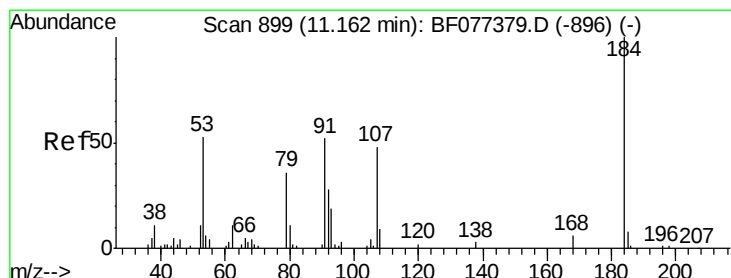
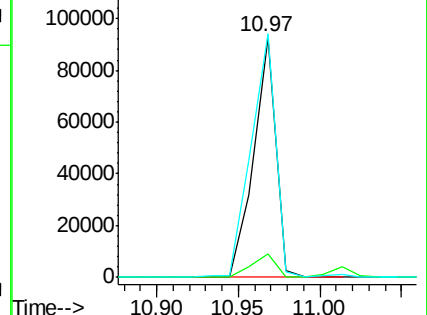
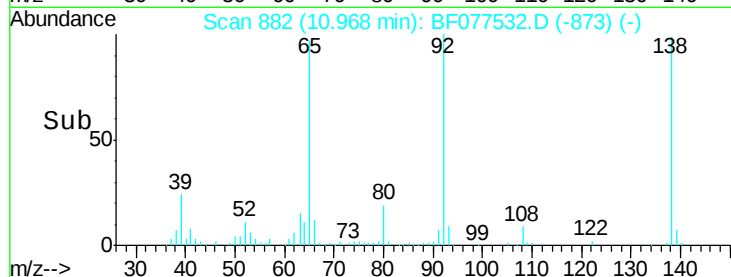
92 101.3 90.6 135.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0



#53

2,4-Dinitrophenol

Concen: 4.35 ng

RT: 11.10 min Scan# 894

Delta R.T. 0.01 min

Lab File: BF077532.D

Acq: 2 Mar 2015 19:53

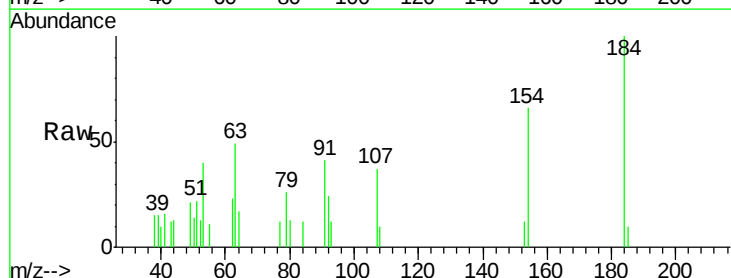
Tgt Ion:184 Resp: 3428

Ion Ratio Lower Upper

184 100

63 49.2 29.5 44.3#

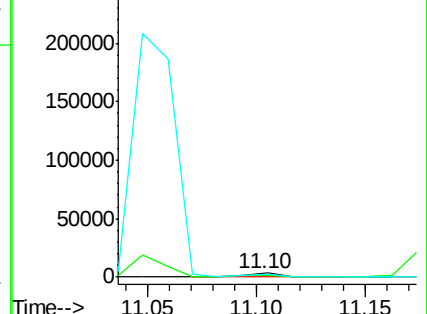
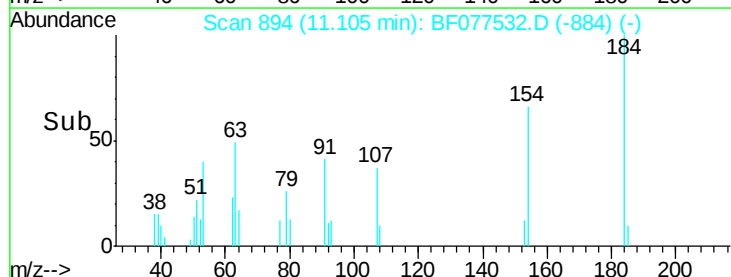
154 66.5 43.2 64.8#

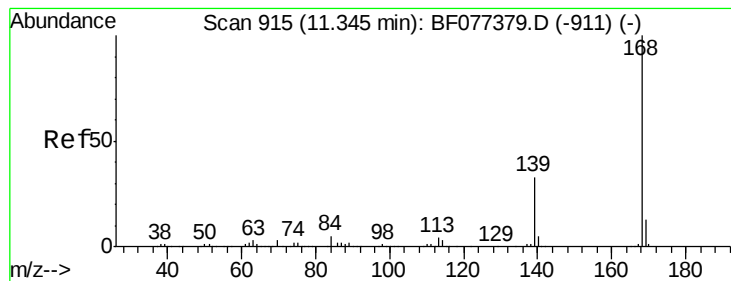


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 26.50 ng

RT: 11.27 min Scan# 908

Delta R.T. 0.00 min

Lab File: BF077532.D

Acq: 2 Mar 2015 19:53

Instrument :

BNA_F

ClientSampleId :

SB13MSD

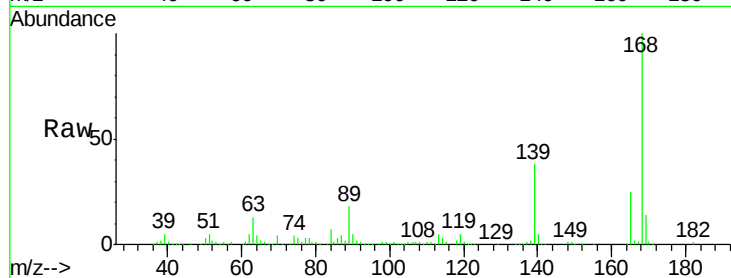
Tgt Ion:168 Resp: 422178

Ion Ratio Lower Upper

168 100

139 38.4 29.3 43.9

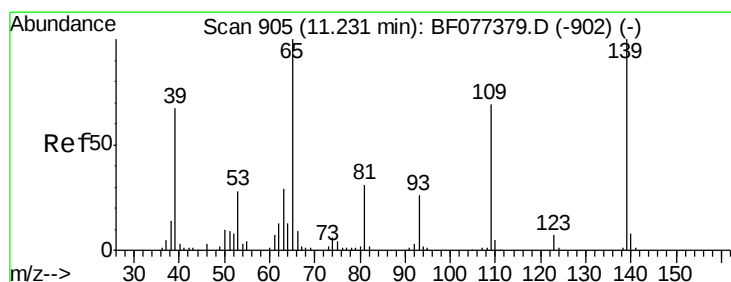
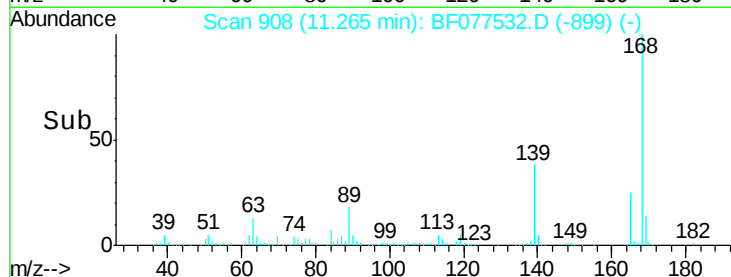
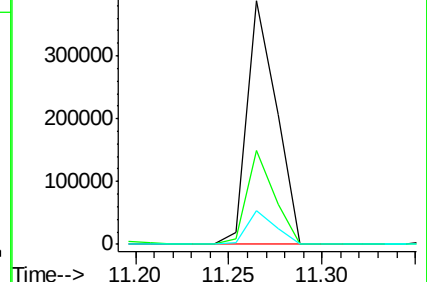
169 13.6 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 54.98 ng

RT: 11.18 min Scan# 901

Delta R.T. 0.01 min

Lab File: BF077532.D

Acq: 2 Mar 2015 19:53

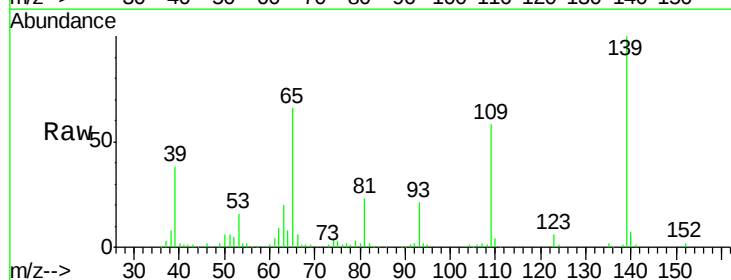
Tgt Ion:139 Resp: 132111

Ion Ratio Lower Upper

139 100

109 58.0 36.2 76.2

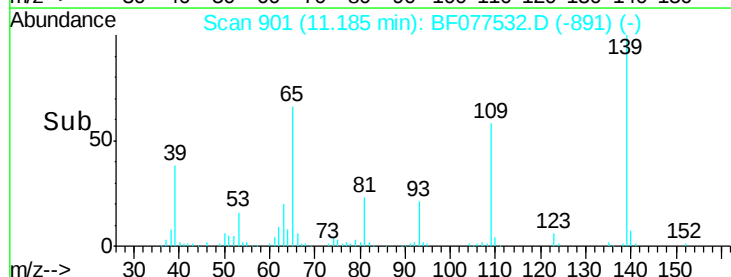
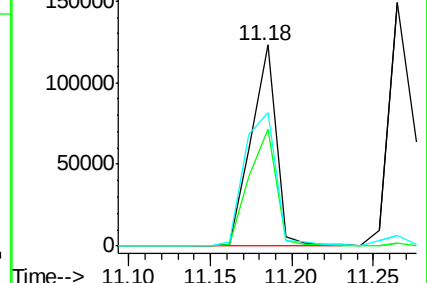
65 66.4 40.3 80.3

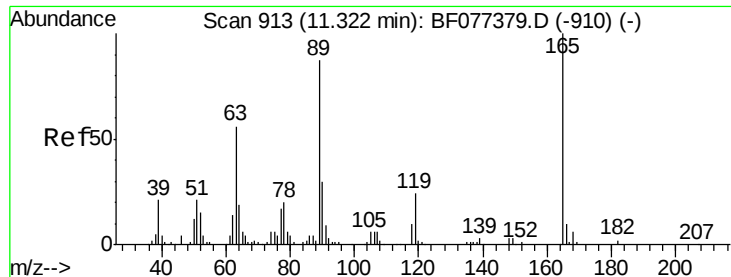


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

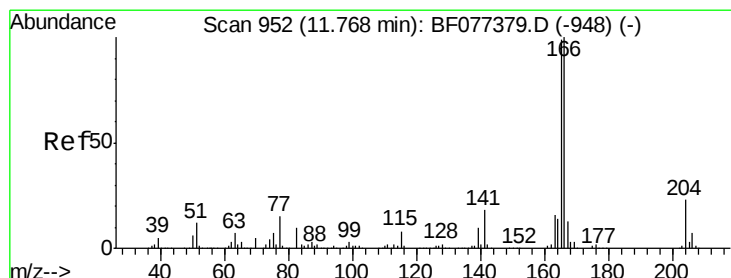
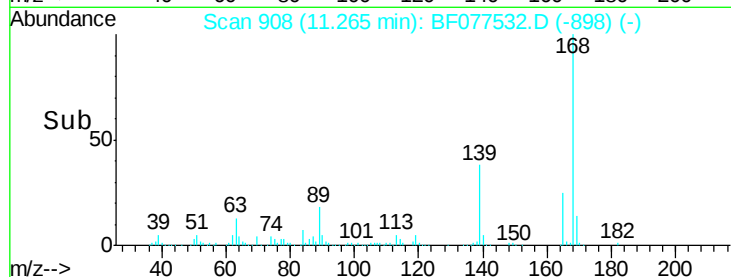
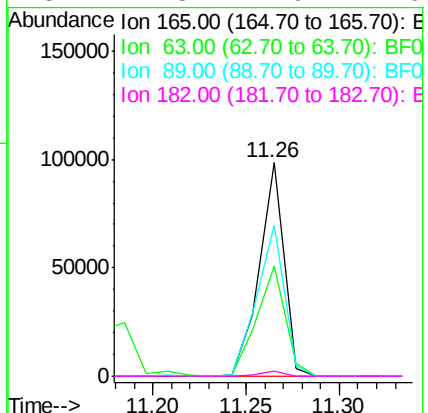
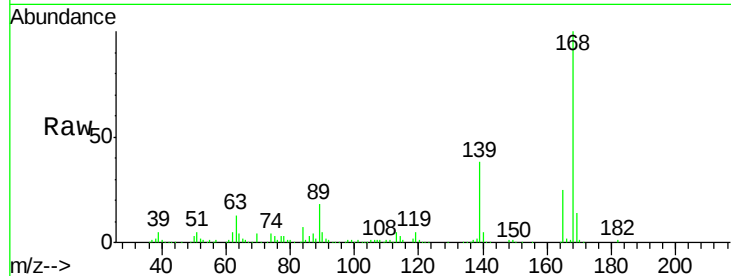




#56
2,4-Dinitrotoluene
Concen: 25.65 ng
RT: 11.26 min Scan# 908
Delta R.T. 0.01 min
Lab File: BF077532.D
Acq: 2 Mar 2015 19:53

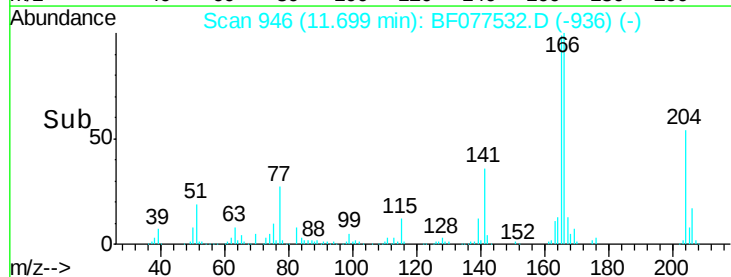
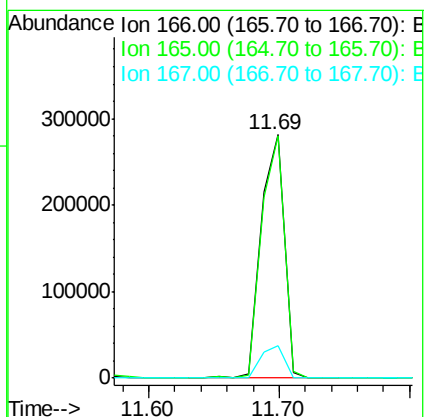
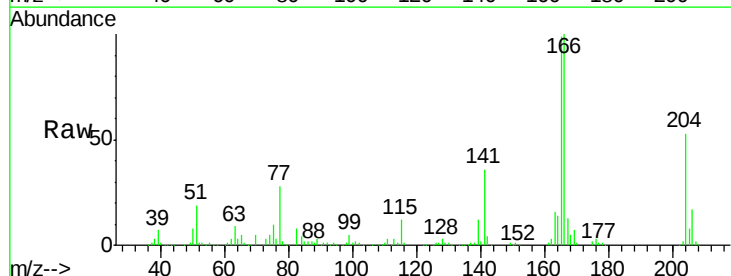
Instrument :
BNA_F
ClientSampleId :
SB13MSD

Tgt Ion:165 Resp: 89823
Ion Ratio Lower Upper
165 100
63 51.6 29.8 44.8#
89 70.6 48.5 72.7
182 2.3 1.9 2.9



#57
Fluorene
Concen: 27.55 ng
RT: 11.69 min Scan# 946
Delta R.T. 0.01 min
Lab File: BF077532.D
Acq: 2 Mar 2015 19:53

Tgt Ion:166 Resp: 350876
Ion Ratio Lower Upper
166 100
165 99.3 77.6 116.4
167 13.4 10.6 16.0

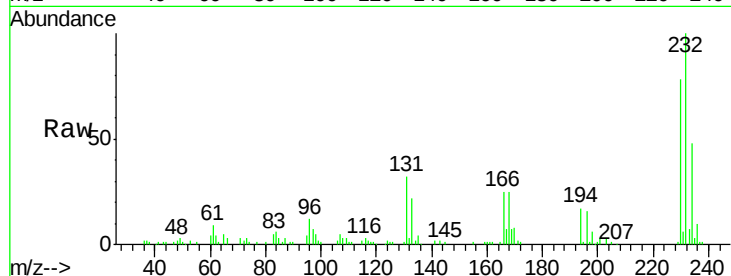




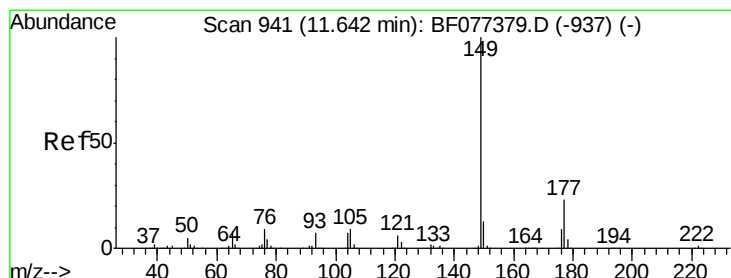
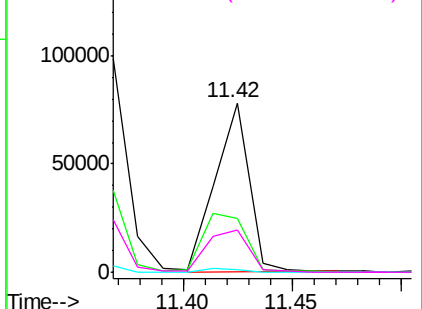
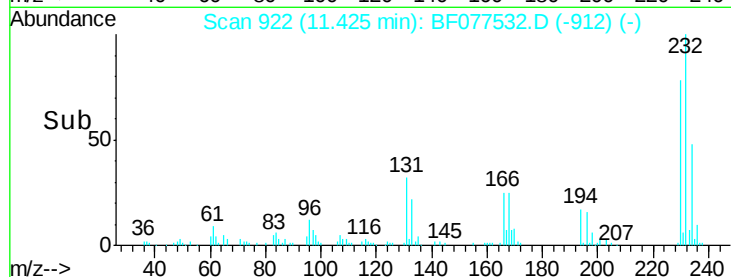
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 27.95 ng
 RT: 11.42 min Scan# 922
 Delta R.T. 0.01 min
 Lab File: BF077532.D
 Acq: 2 Mar 2015 19:53

Instrument :
 BNA_F
 ClientSampled :
 SB13MSD

Tgt Ion: 232 Resp: 83928
 Ion Ratio Lower Upper
 232 100
 131 45.4 34.2 51.2
 130 2.1 1.8 2.6
 166 31.1 24.3 36.5

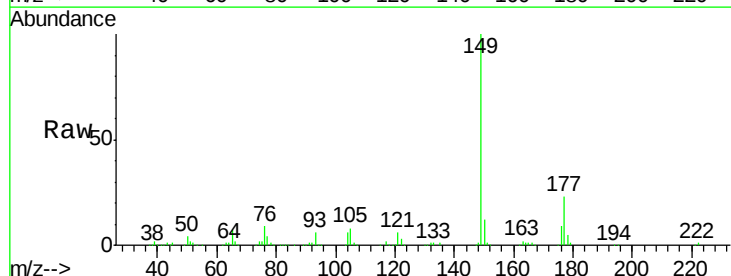


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

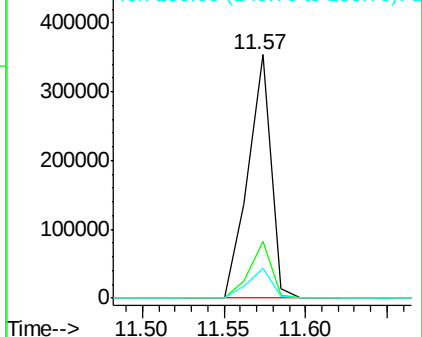
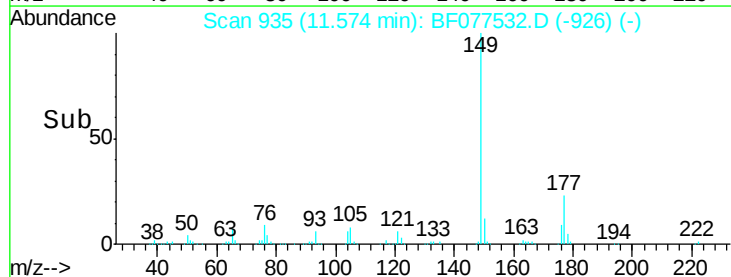


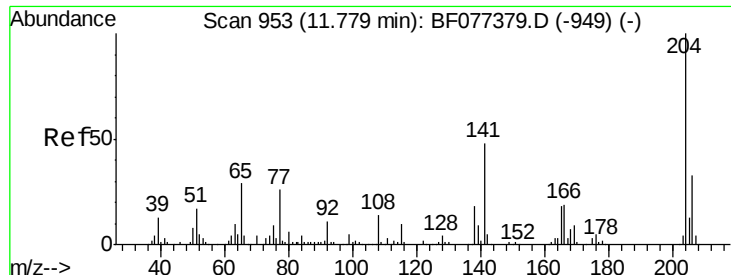
#59
 Diethylphthalate
 Concen: 27.23 ng
 RT: 11.57 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: BF077532.D
 Acq: 2 Mar 2015 19:53

Tgt Ion: 149 Resp: 346933
 Ion Ratio Lower Upper
 149 100
 177 23.2 17.2 25.8
 150 12.0 10.5 15.7



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

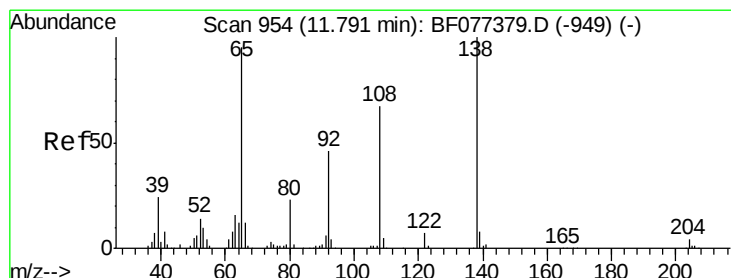
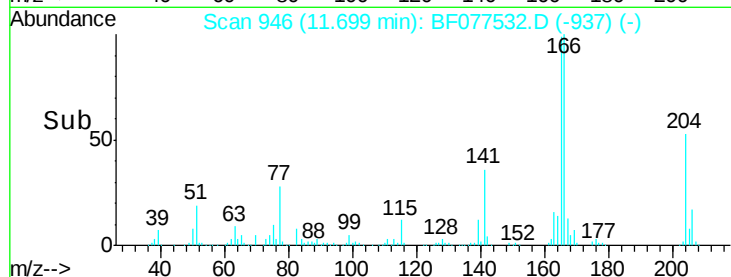
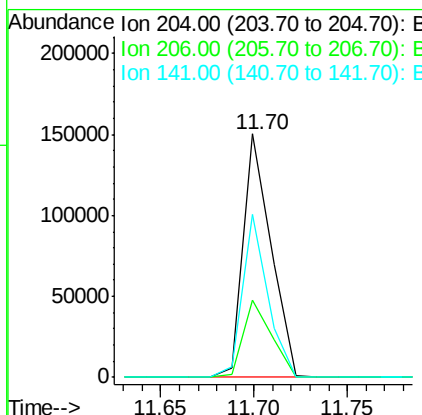
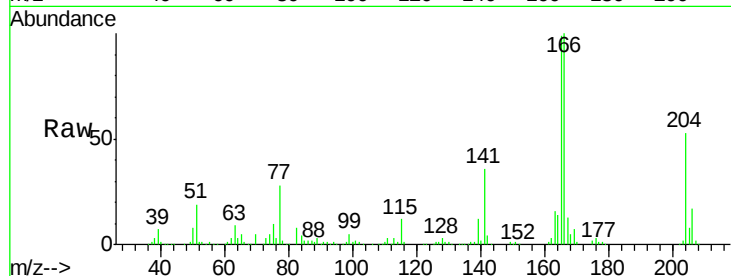




#60
 4-Chlorophenyl-phenylether
 Concen: 25.40 ng
 RT: 11.70 min Scan# 946
 Delta R.T. 0.00 min
 Lab File: BF077532.D
 Acq: 2 Mar 2015 19:53

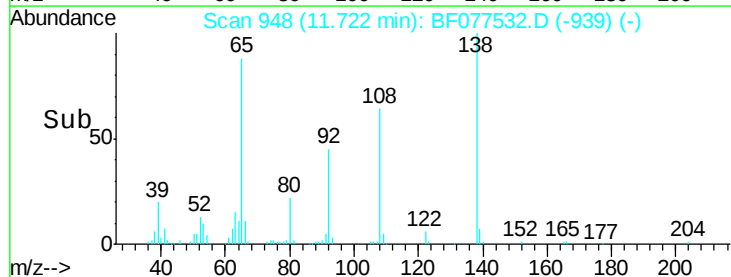
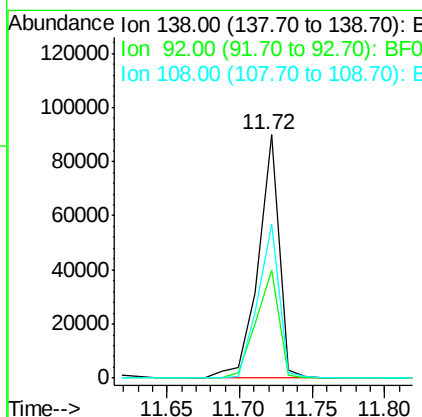
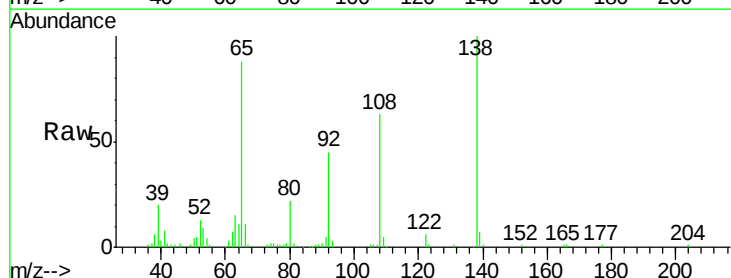
Instrument :
 BNA_F
 ClientSampleId :
 SB13MSD

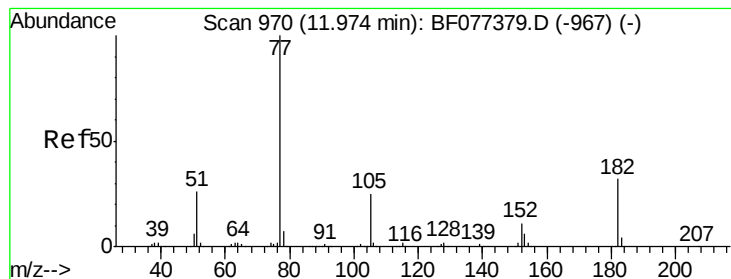
Tgt Ion:204 Resp: 155897
 Ion Ratio Lower Upper
 204 100
 206 31.8 25.9 38.9
 141 67.2 43.6 65.4#



#61
 4-Nitroaniline
 Concen: 31.63 ng
 RT: 11.72 min Scan# 948
 Delta R.T. 0.00 min
 Lab File: BF077532.D
 Acq: 2 Mar 2015 19:53

Tgt Ion:138 Resp: 90560
 Ion Ratio Lower Upper
 138 100
 92 44.5 32.8 72.8
 108 63.3 52.1 92.1





#62

Azobenzene

Concen: 26.91 ng

RT: 11.90 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF077532.D

Acq: 2 Mar 2015 19:53

Instrument :

BNA_F

ClientSampleId :

SB13MSD

Tgt Ion: 77 Resp: 325244

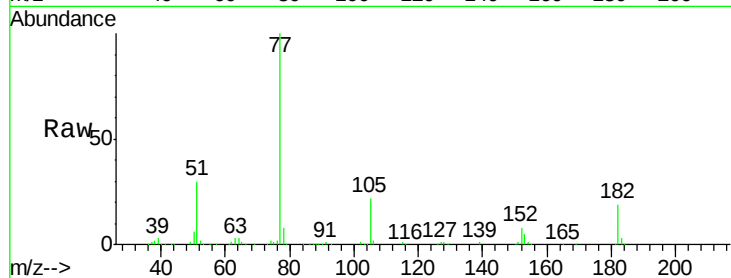
Ion Ratio Lower Upper

77 100

182 19.2 4.9 44.9

105 21.9 3.3 43.3

51 30.1 8.9 48.9

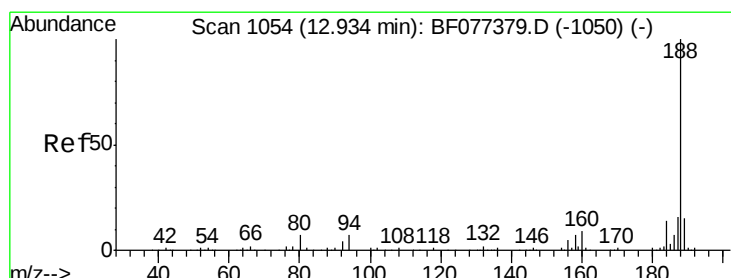
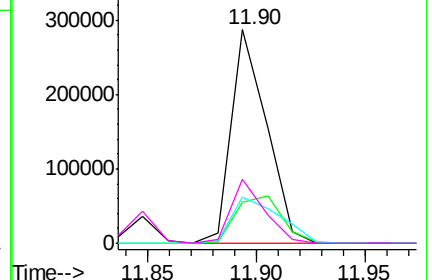
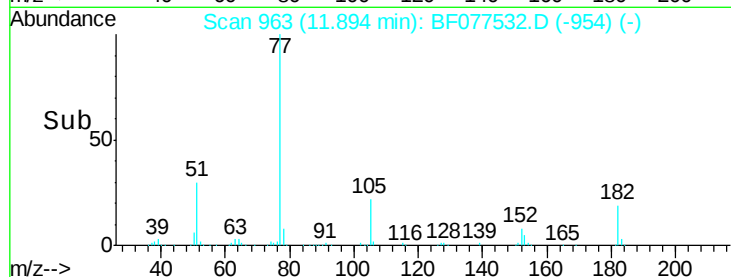


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 12.86 min Scan# 1047

Delta R.T. 0.01 min

Lab File: BF077532.D

Acq: 2 Mar 2015 19:53

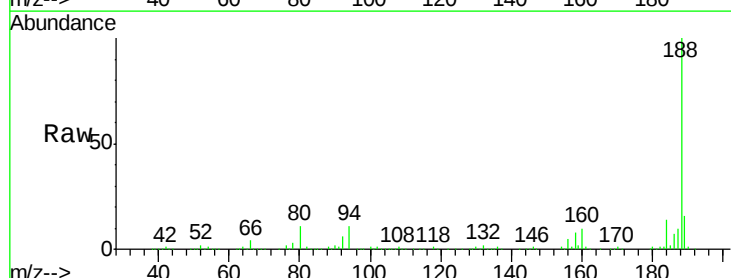
Tgt Ion: 188 Resp: 358168

Ion Ratio Lower Upper

188 100

94 11.0 7.4 11.2

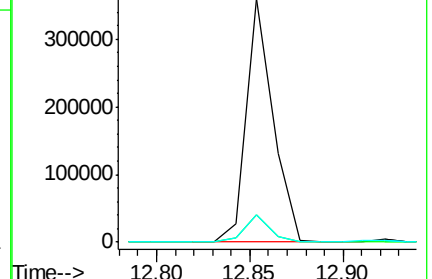
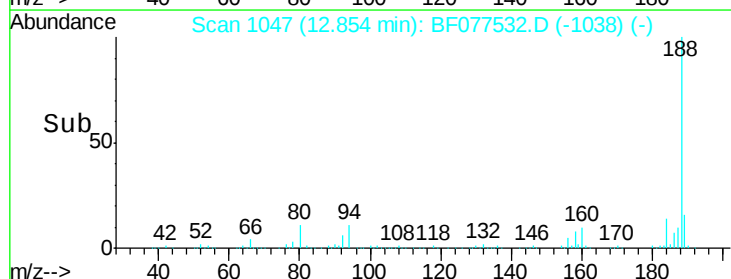
80 11.4 8.0 12.0

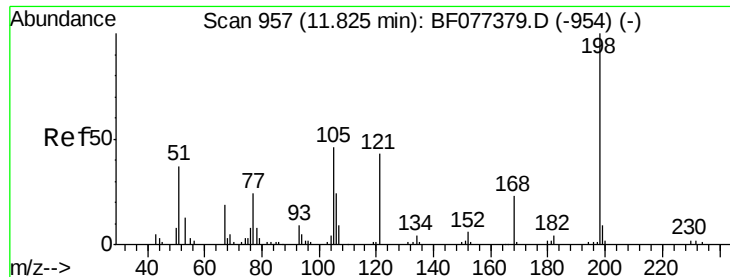


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

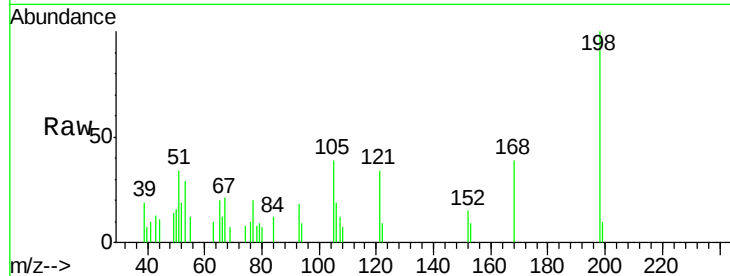




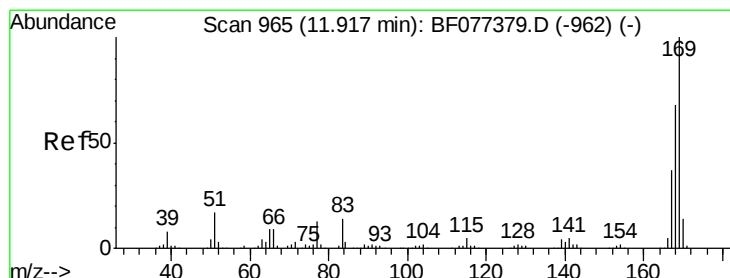
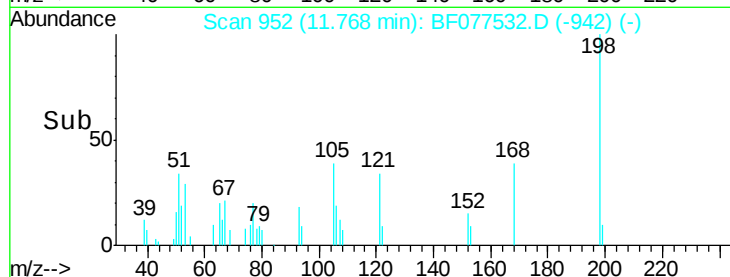
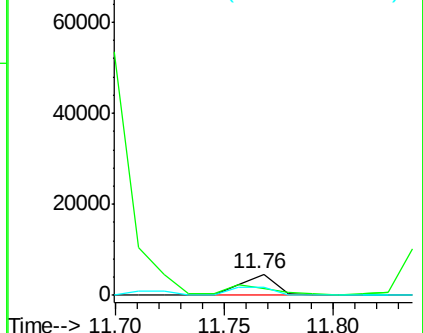
#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.07 ng
 RT: 11.76 min Scan# 952
 Delta R.T. 0.01 min
 Lab File: BF077532.D
 Acq: 2 Mar 2015 19:53

Instrument :
 BNA_F
 ClientSampleId :
 SB13MSD

Tgt Ion:198 Resp: 5205
 Ion Ratio Lower Upper
 198 100
 51 33.6 2.7 42.7
 105 39.1 10.0 50.0

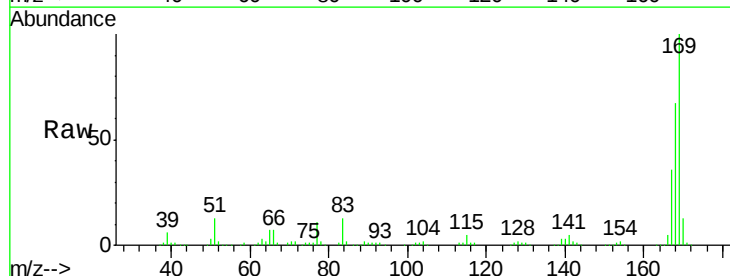


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

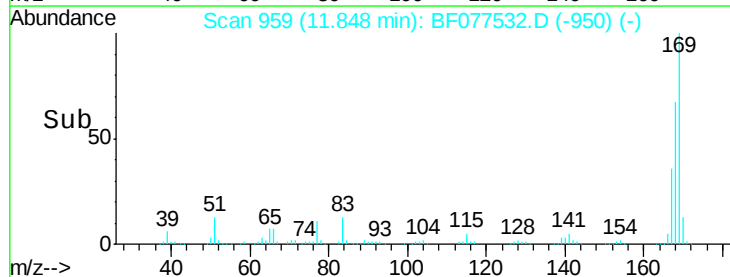
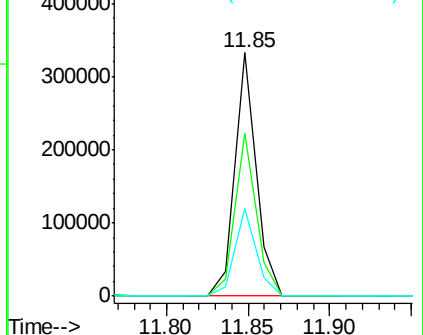


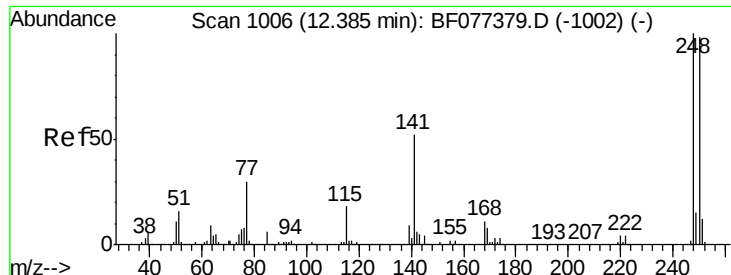
#65
 n-Nitrosodiphenylamine
 Concen: 25.15 ng
 RT: 11.85 min Scan# 959
 Delta R.T. 0.00 min
 Lab File: BF077532.D
 Acq: 2 Mar 2015 19:53

Tgt Ion:169 Resp: 298850
 Ion Ratio Lower Upper
 169 100
 168 67.0 53.0 79.6
 167 36.2 29.5 44.3



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

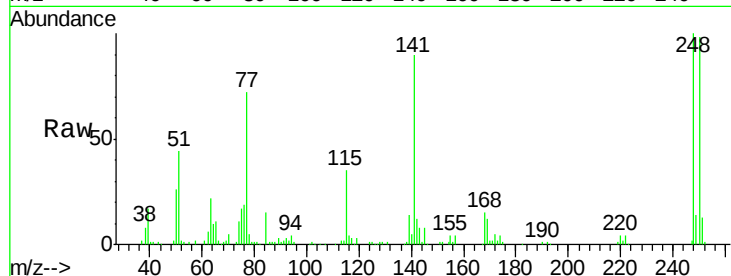




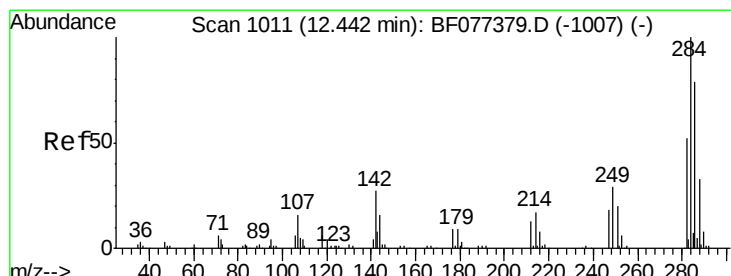
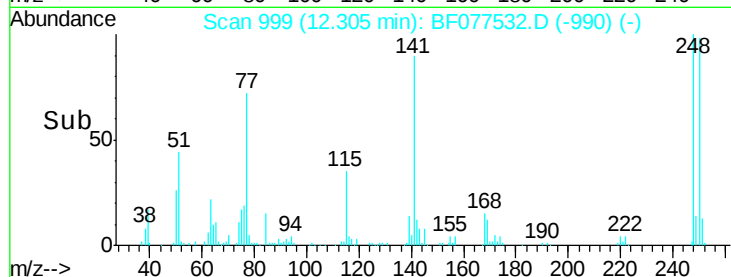
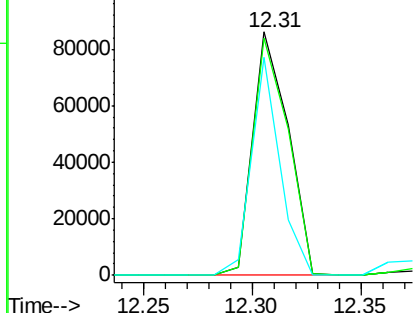
#66
4-Bromophenyl-phenylether
Concen: 23.40 ng
RT: 12.31 min Scan# 999
Delta R.T. 0.01 min
Lab File: BF077532.D
Acq: 2 Mar 2015 19:53

Instrument :
BNA_F
ClientSampleId :
SB13MSD

Tgt Ion:248 Resp: 98126
Ion Ratio Lower Upper
248 100
250 97.5 78.0 117.0
141 89.7 54.1 81.1#

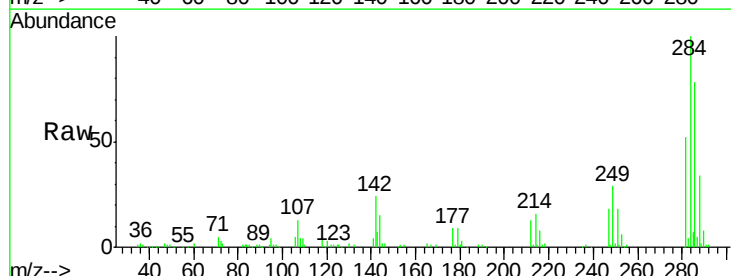


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

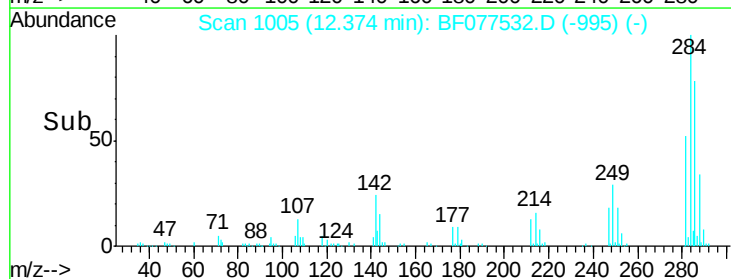
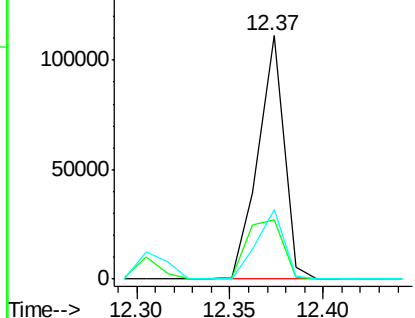


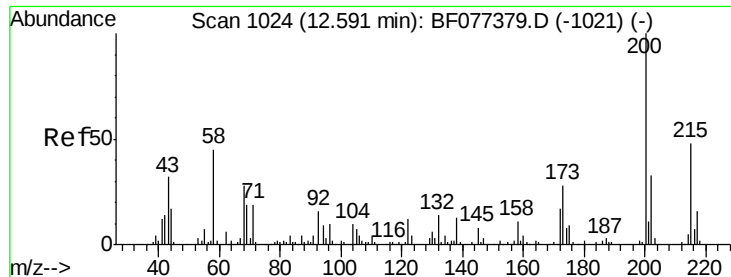
#67
Hexachlorobenzene
Concen: 23.82 ng
RT: 12.37 min Scan# 1005
Delta R.T. 0.01 min
Lab File: BF077532.D
Acq: 2 Mar 2015 19:53

Tgt Ion:284 Resp: 107212
Ion Ratio Lower Upper
284 100
142 24.5 31.6 47.4#
249 28.6 27.0 40.4



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

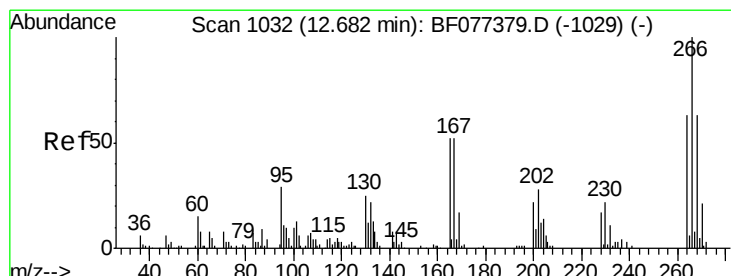
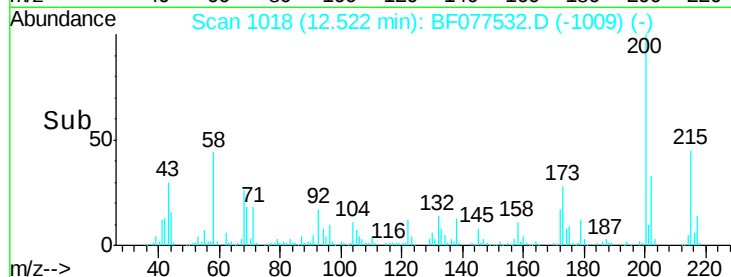
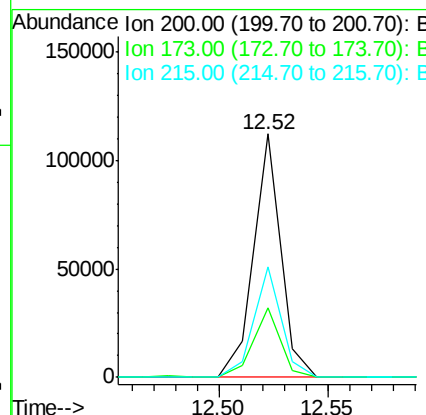
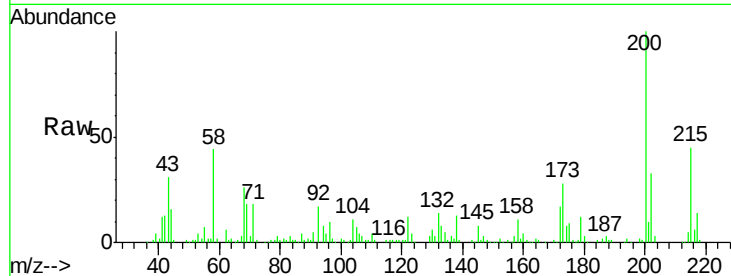




#68
 Atrazine
 Concen: 25.32 ng
 RT: 12.52 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: BF077532.D
 Acq: 2 Mar 2015 19:53

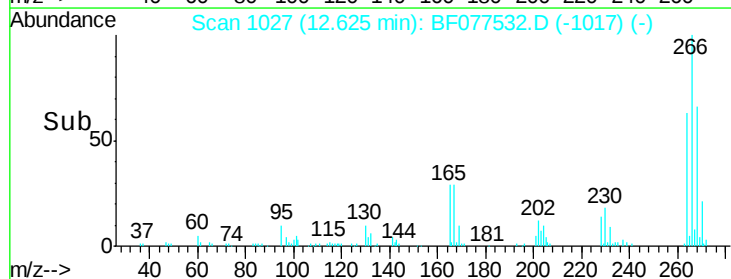
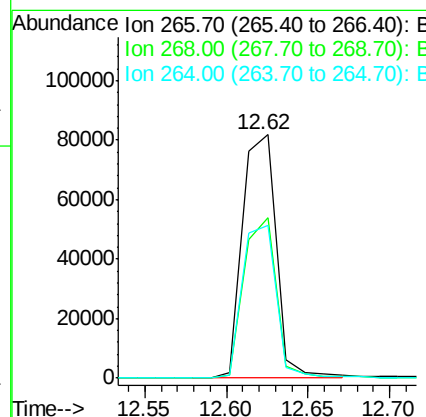
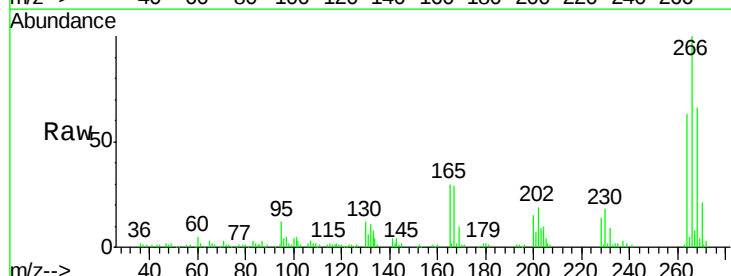
Instrument :
 BNA_F
 ClientSampleId :
 SB13MSD

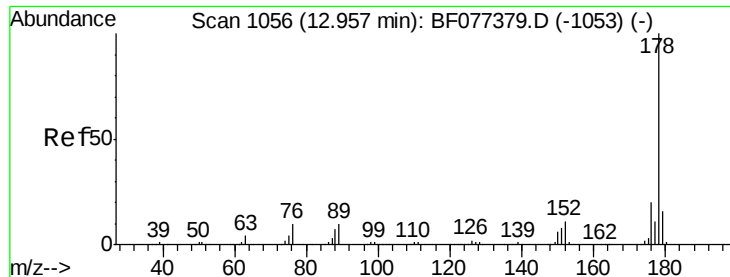
Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.3	9.6	49.6
215	45.2	24.4	64.4



#69
 Pentachlorophenol
 Concen: 49.39 ng
 RT: 12.62 min Scan# 1027
 Delta R.T. 0.01 min
 Lab File: BF077532.D
 Acq: 2 Mar 2015 19:53

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.7	51.2	76.8
264	62.8	50.7	76.1





#70

Phenanthrene

Concen: 27.97 ng

RT: 12.89 min Scan# 1050

Delta R.T. 0.01 min

Lab File: BF077532.D

Acq: 2 Mar 2015 19:53

Instrument :

BNA_F

ClientSampleId :

SB13MSD

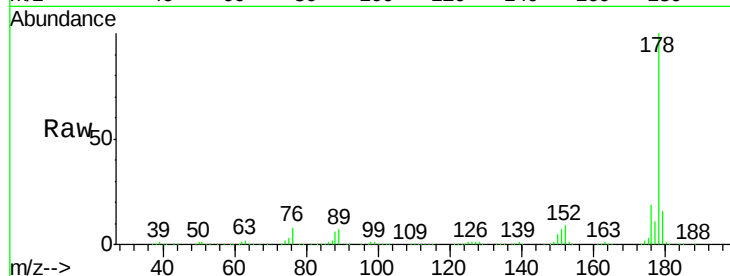
Tgt Ion:178 Resp: 580654

Ion Ratio Lower Upper

178 100

176 19.0 15.5 23.3

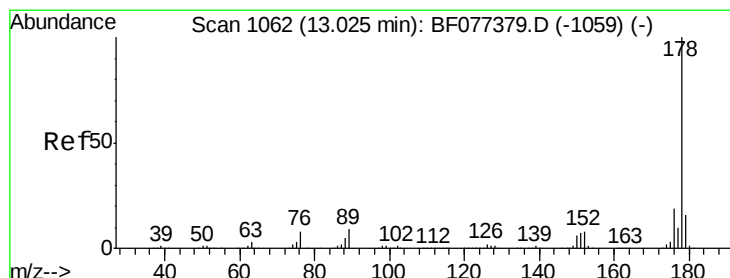
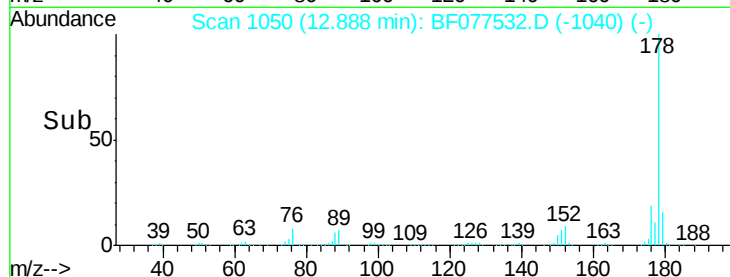
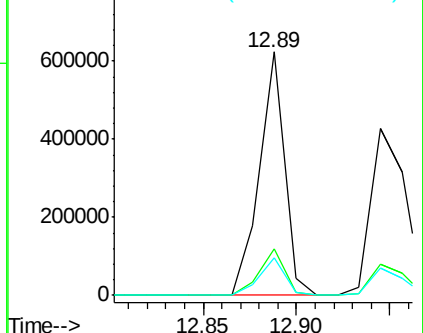
179 15.6 12.2 18.2



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: 25.57 ng

RT: 12.95 min Scan# 1055

Delta R.T. 0.01 min

Lab File: BF077532.D

Acq: 2 Mar 2015 19:53

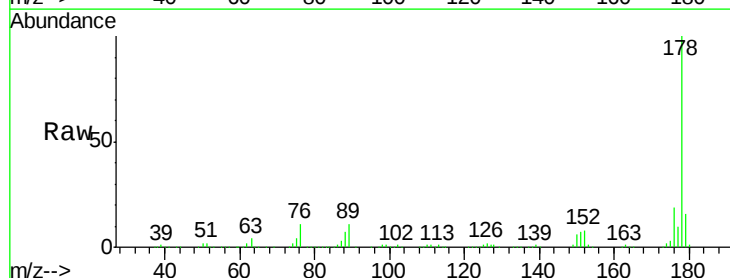
Tgt Ion:178 Resp: 526692

Ion Ratio Lower Upper

178 100

176 18.6 15.4 23.0

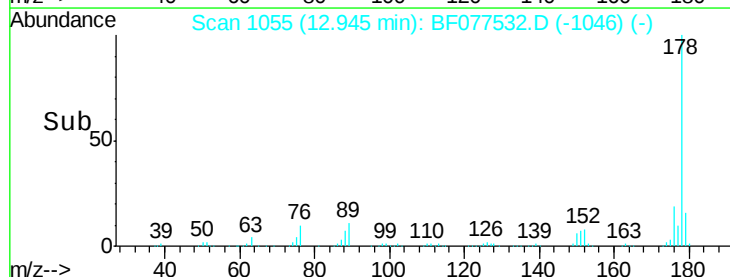
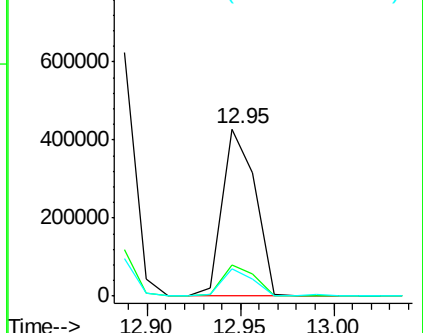
179 16.1 12.9 19.3

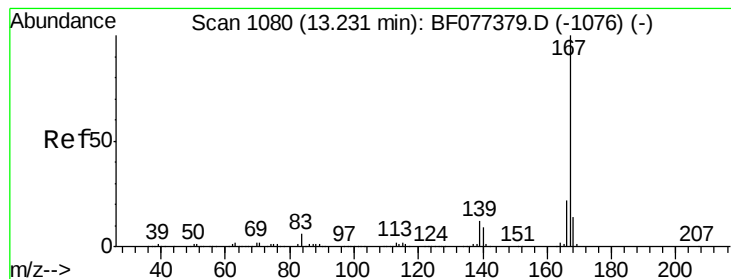


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 25.59 ng

RT: 13.15 min Scan# 1073

Delta R.T. 0.01 min

Lab File: BF077532.D

Acq: 2 Mar 2015 19:53

Instrument :

BNA_F

ClientSampleId :

SB13MSD

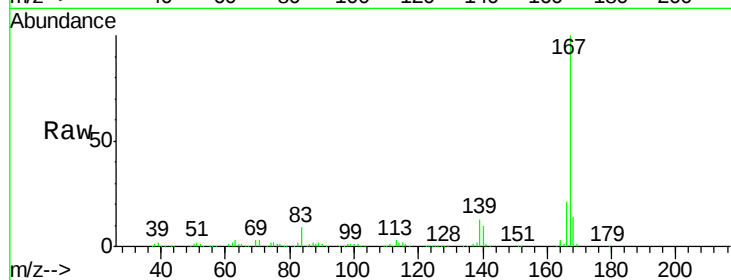
Tgt Ion:167 Resp: 501329

Ion Ratio Lower Upper

167 100

166 21.4 17.6 26.4

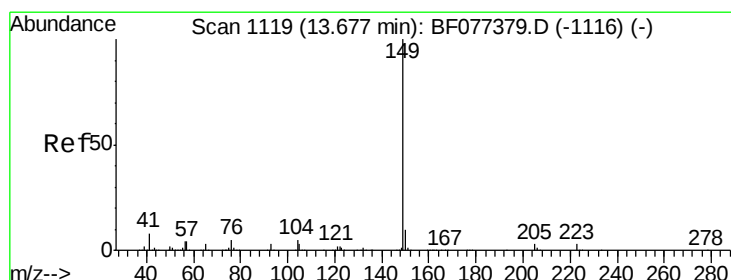
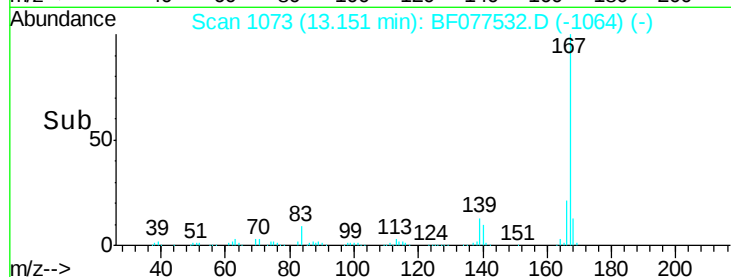
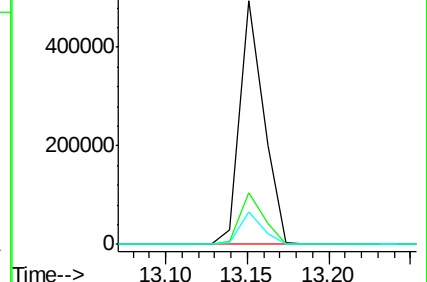
139 13.5 9.9 14.9



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: 25.75 ng

RT: 13.61 min Scan# 1113

Delta R.T. 0.01 min

Lab File: BF077532.D

Acq: 2 Mar 2015 19:53

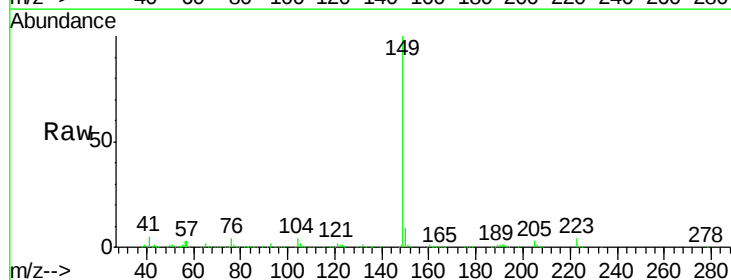
Tgt Ion:149 Resp: 592286

Ion Ratio Lower Upper

149 100

150 9.1 7.8 11.8

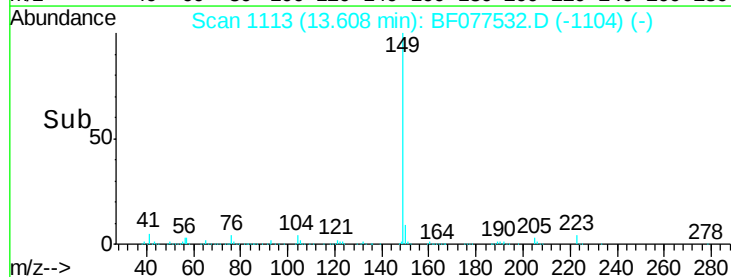
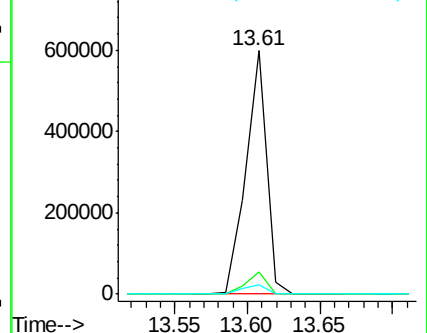
104 4.0 4.1 6.1#

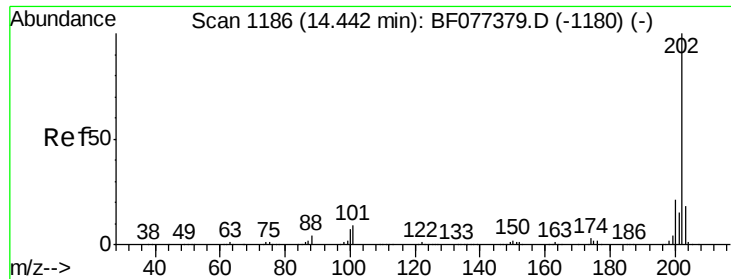


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

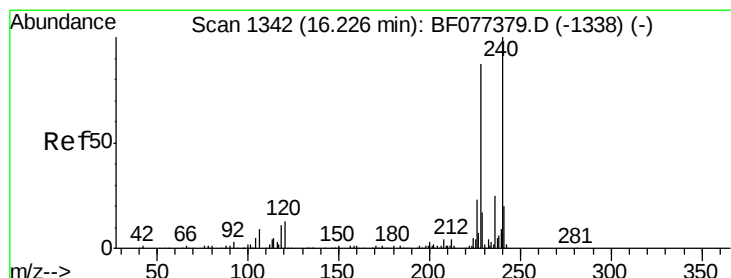
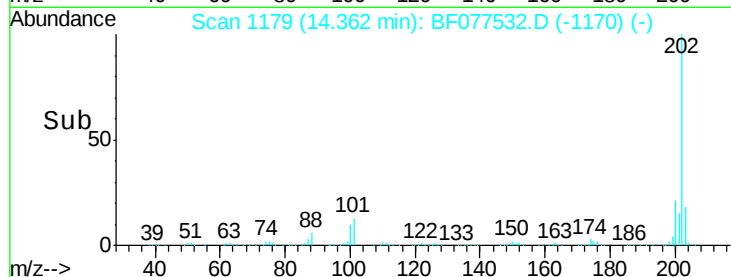
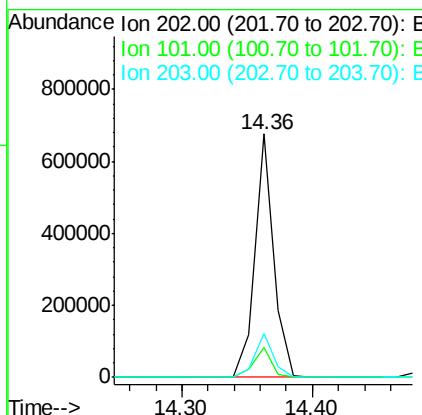
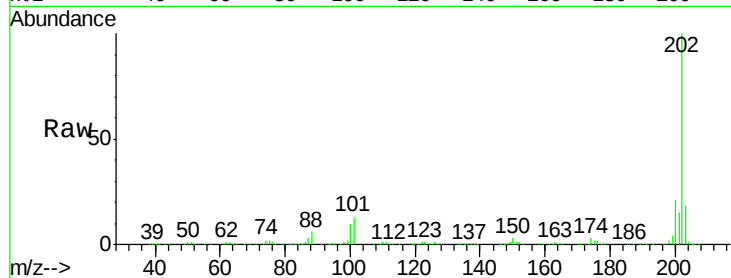




#74
 Fluoranthene
 Concen: 29.73 ng
 RT: 14.36 min Scan# 1179
 Delta R.T. 0.01 min
 Lab File: BF077532.D
 Acq: 2 Mar 2015 19:53

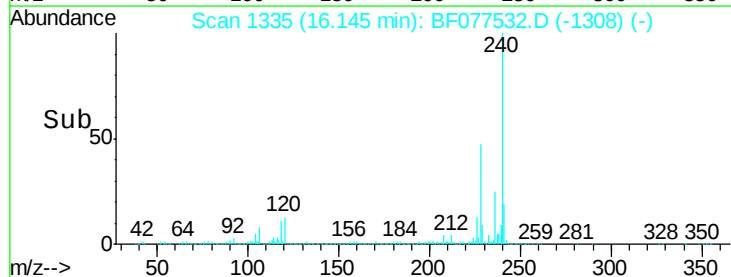
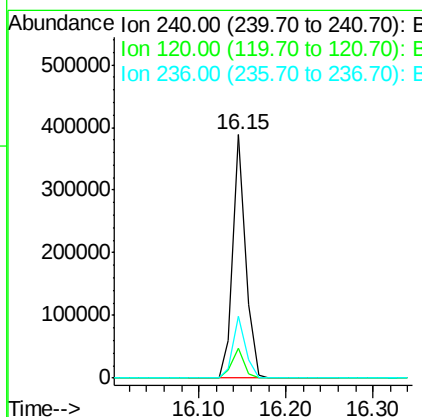
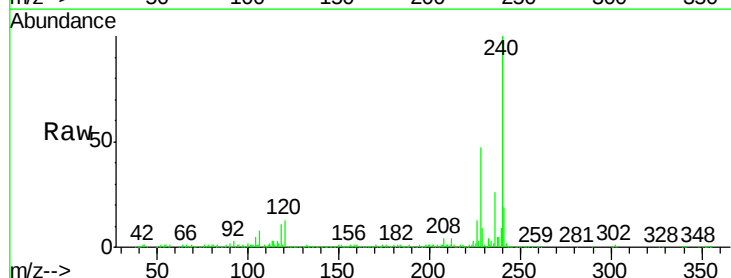
Instrument :
 BNA_F
 ClientSampleId :
 SB13MSD

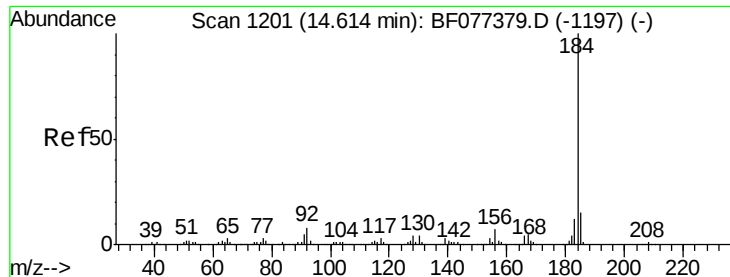
Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	30.8
203	17.9	0.0	37.7



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 16.15 min Scan# 1335
 Delta R.T. 0.01 min
 Lab File: BF077532.D
 Acq: 2 Mar 2015 19:53

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.5	8.8	13.2
236	25.6	20.7	31.1

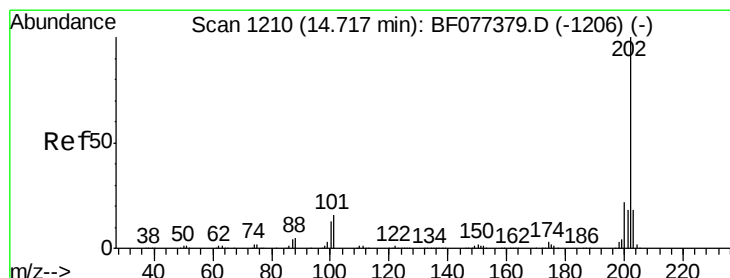
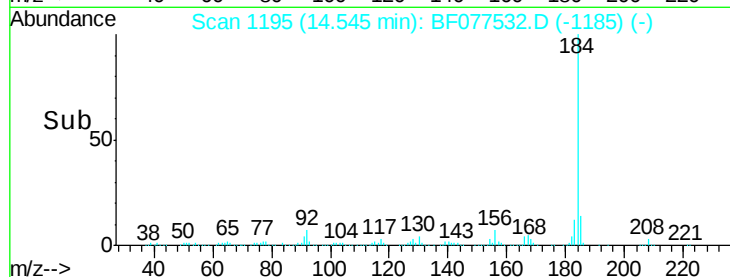
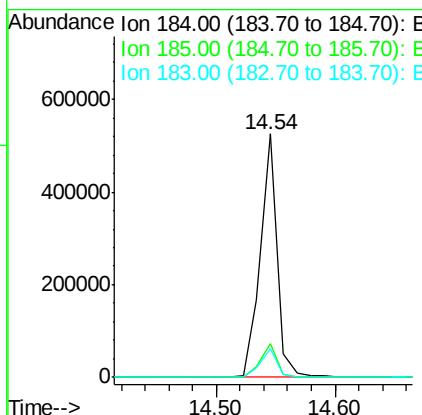
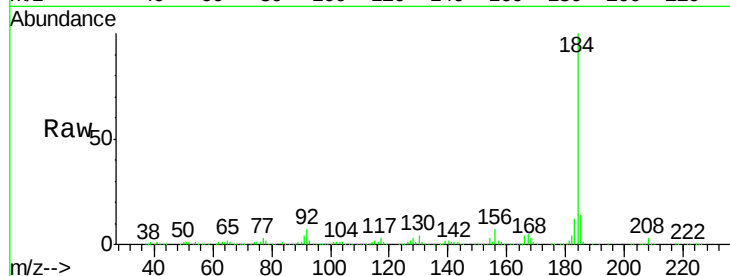




#76
Benzidine
Concen: 39.06 ng
RT: 14.54 min Scan# 1195
Delta R.T. 0.01 min
Lab File: BF077532.D
Acq: 2 Mar 2015 19:53

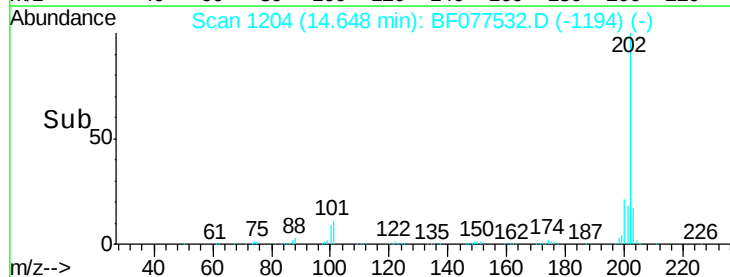
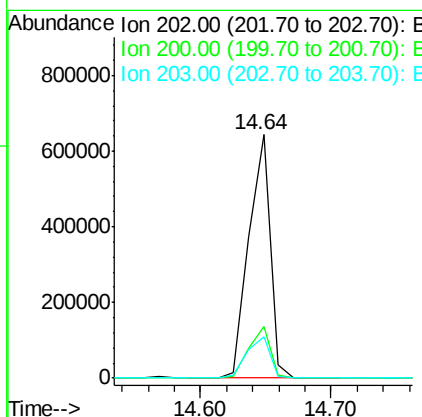
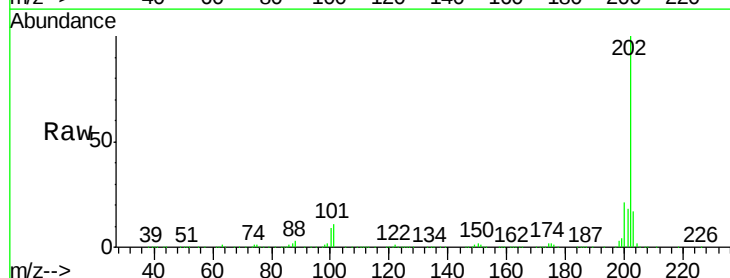
Instrument :
BNA_F
ClientSampleId :
SB13MSD

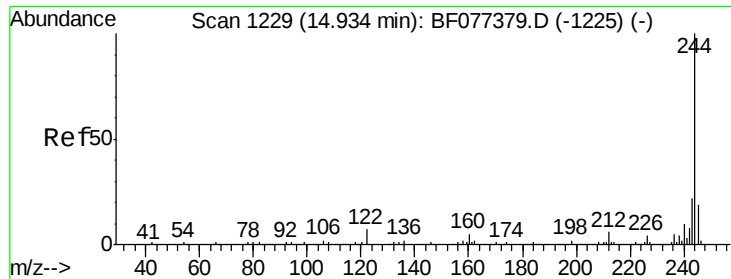
Tgt Ion:184 Resp: 522890
Ion Ratio Lower Upper
184 100
185 14.1 12.6 18.8
183 11.6 9.3 13.9



#77
Pyrene
Concen: 30.27 ng
RT: 14.64 min Scan# 1204
Delta R.T. 0.01 min
Lab File: BF077532.D
Acq: 2 Mar 2015 19:53

Tgt Ion:202 Resp: 733659
Ion Ratio Lower Upper
202 100
200 21.5 17.1 25.7
203 17.2 14.2 21.2

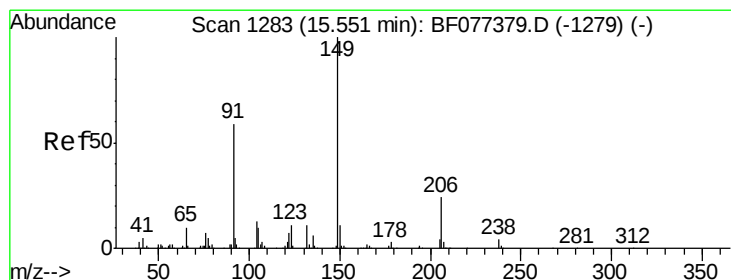
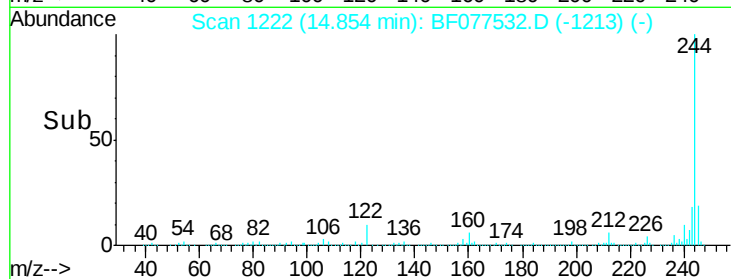
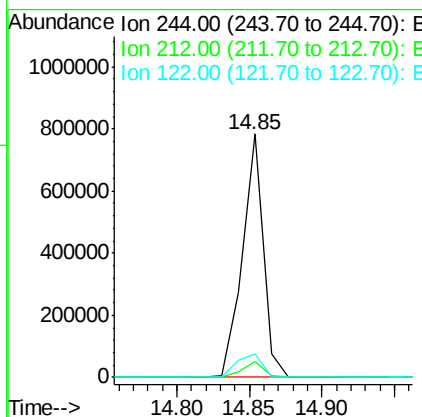
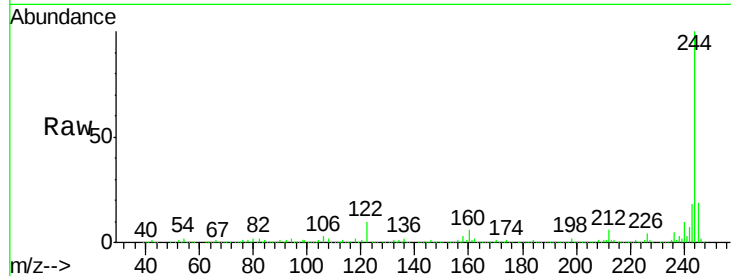




#78
 Terphenyl-d14
 Concen: 46.20 ng
 RT: 14.85 min Scan# 1222
 Delta R.T. 0.01 min
 Lab File: BF077532.D
 Acq: 2 Mar 2015 19:53

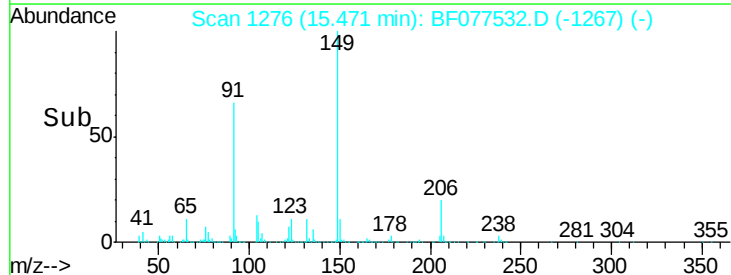
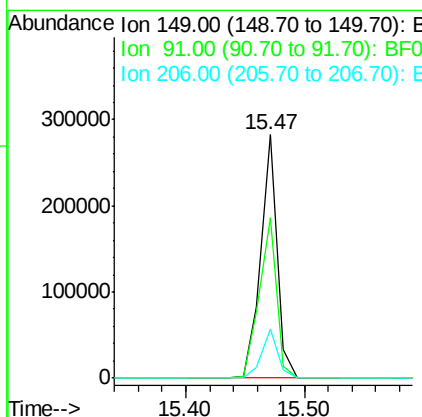
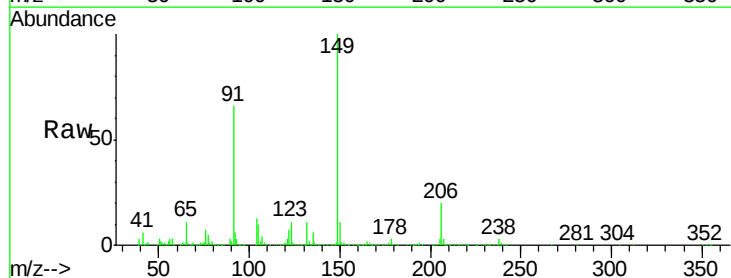
Instrument :
 BNA_F
 ClientSampleId :
 SB13MSD

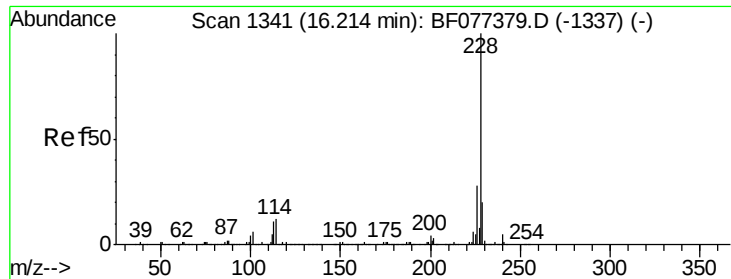
Tgt Ion: 244 Resp: 782993
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.2 7.8
 122 9.7 7.8 11.8



#79
 Butylbenzylphthalate
 Concen: 27.46 ng
 RT: 15.47 min Scan# 1276
 Delta R.T. 0.01 min
 Lab File: BF077532.D
 Acq: 2 Mar 2015 19:53

Tgt Ion: 149 Resp: 273758
 Ion Ratio Lower Upper
 149 100
 91 65.7 51.2 76.8
 206 19.9 17.8 26.8

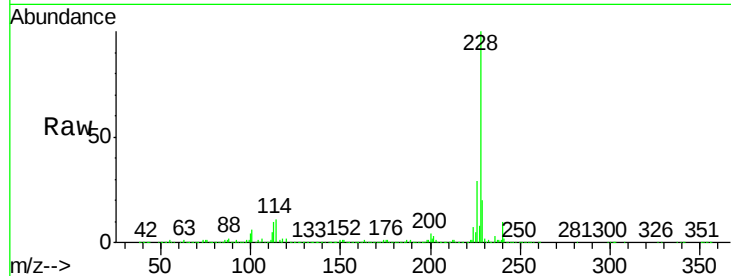




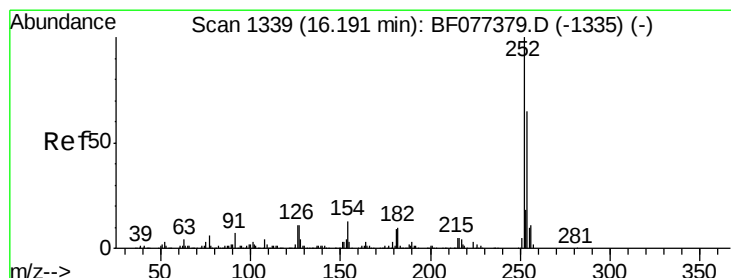
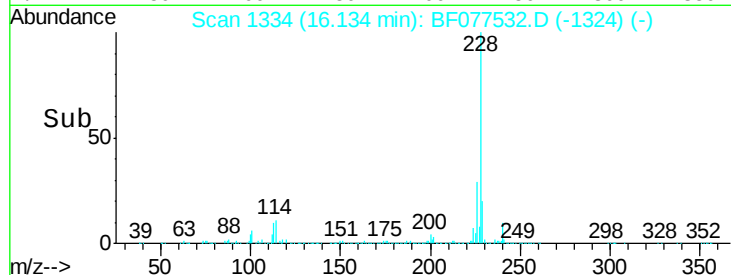
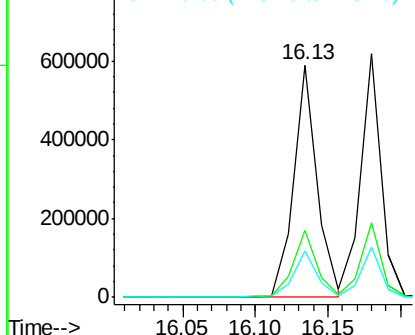
#80
Benzo(a)anthracene
Concen: 28.36 ng
RT: 16.13 min Scan# 1334
Delta R.T. 0.01 min
Lab File: BF077532.D
Acq: 2 Mar 2015 19:53

Instrument :
BNA_F
ClientSampleId :
SB13MSD

Tgt Ion: 228 Resp: 658491
Ion Ratio Lower Upper
228 100
226 28.7 22.0 33.0
229 20.0 15.8 23.8

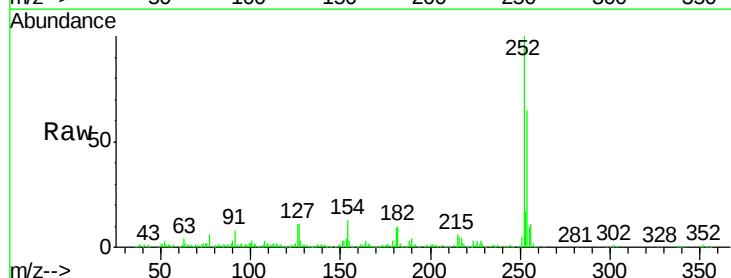


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

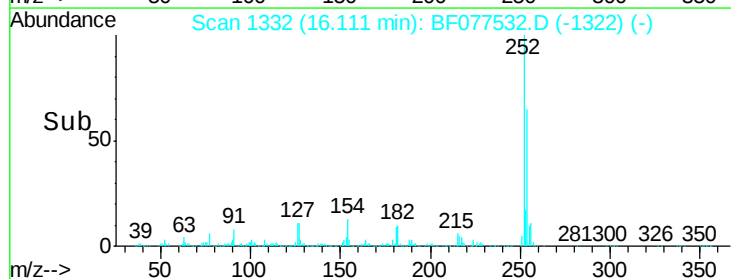
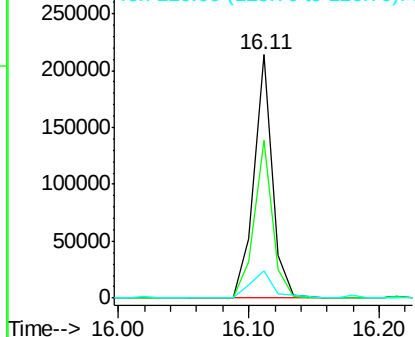


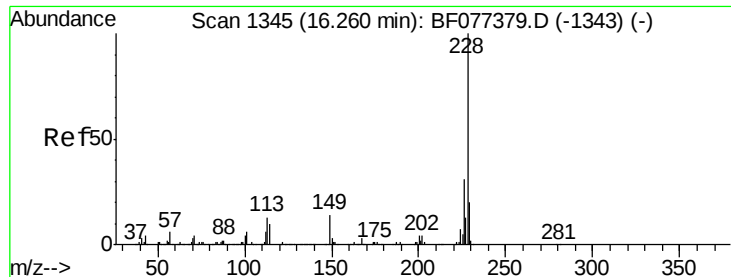
#81
3,3'-Dichlorobenzidine
Concen: 24.95 ng
RT: 16.11 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BF077532.D
Acq: 2 Mar 2015 19:53

Tgt Ion: 252 Resp: 212304
Ion Ratio Lower Upper
252 100
254 65.1 52.9 79.3
126 11.0 7.3 10.9#



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: 27.70 ng

RT: 16.18 min Scan# 1338

Delta R.T. 0.01 min

Lab File: BF077532.D

Acq: 2 Mar 2015 19:53

Instrument :

BNA_F

ClientSampleId :

SB13MSD

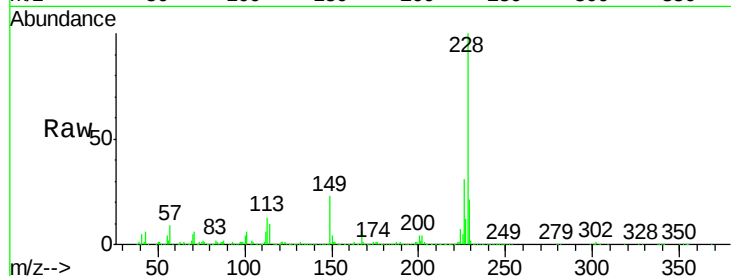
Tgt Ion:228 Resp: 603927

Ion Ratio Lower Upper

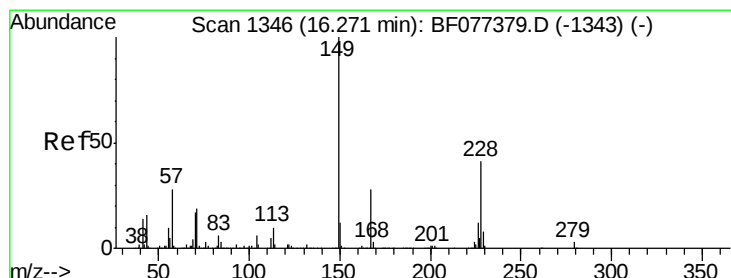
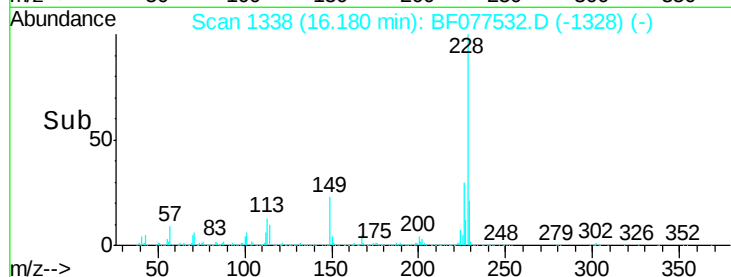
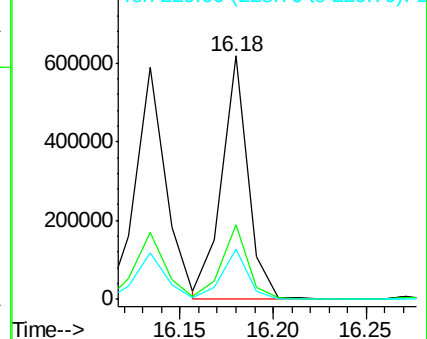
228 100

226 30.5 24.9 37.3

229 20.7 16.4 24.6



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: 26.42 ng

RT: 16.19 min Scan# 1339

Delta R.T. 0.01 min

Lab File: BF077532.D

Acq: 2 Mar 2015 19:53

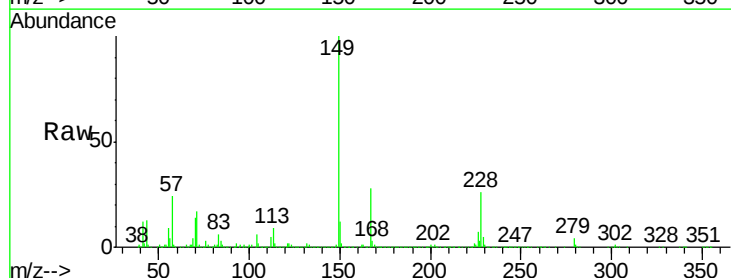
Tgt Ion:149 Resp: 422408

Ion Ratio Lower Upper

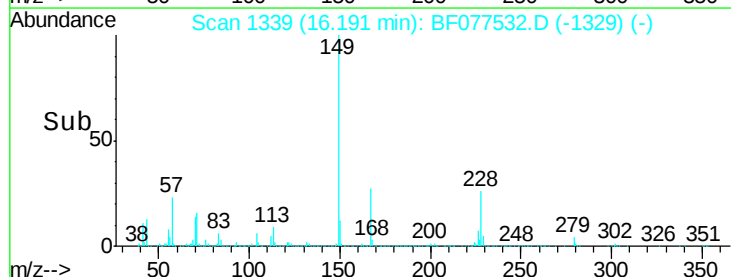
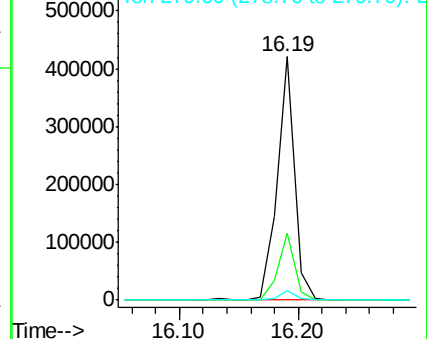
149 100

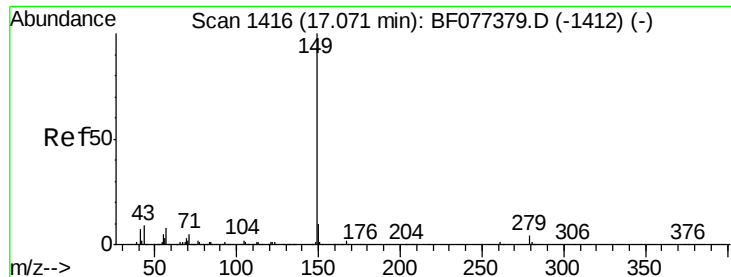
167 27.5 22.8 34.2

279 3.6 3.8 5.6#



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

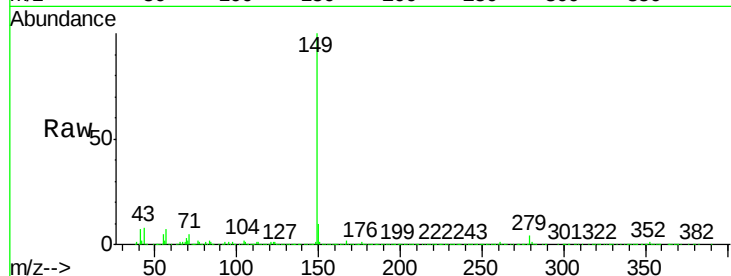




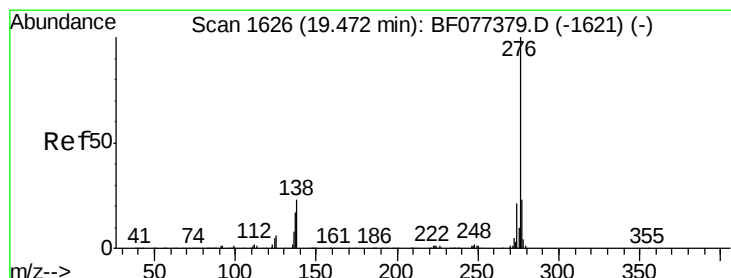
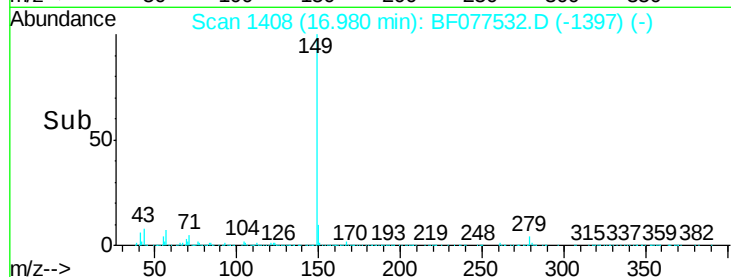
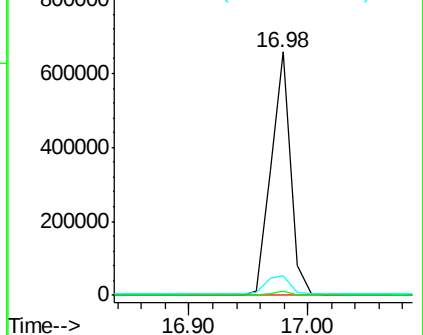
#84
Di-n-octyl phthalate
Concen: 28.00 ng
RT: 16.98 min Scan# 1408
Delta R.T. 0.02 min
Lab File: BF077532.D
Acq: 2 Mar 2015 19:53

Instrument :
BNA_F
ClientSampleId :
SB13MSD

Tgt Ion:149 Resp: 747515
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 9.6 8.1 12.1

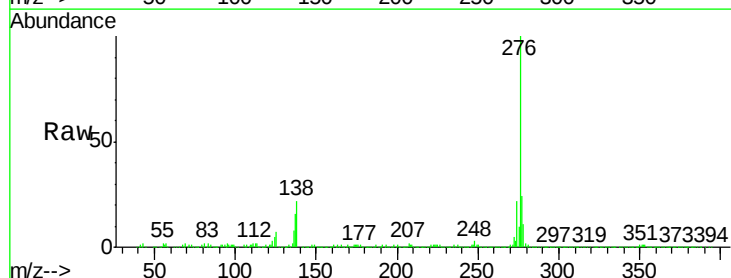


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

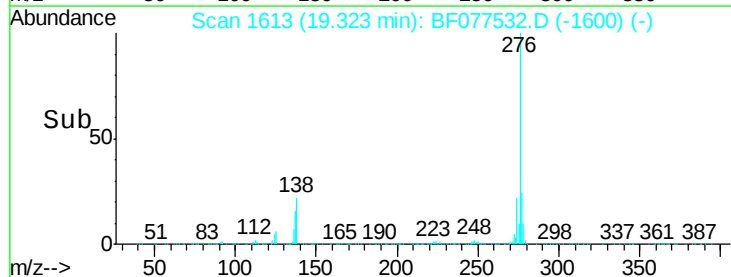
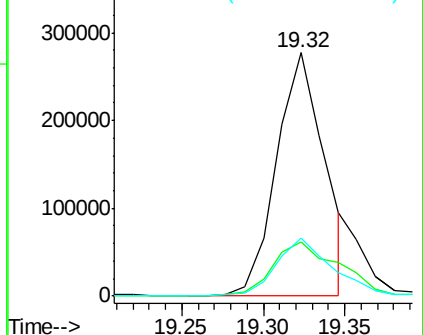


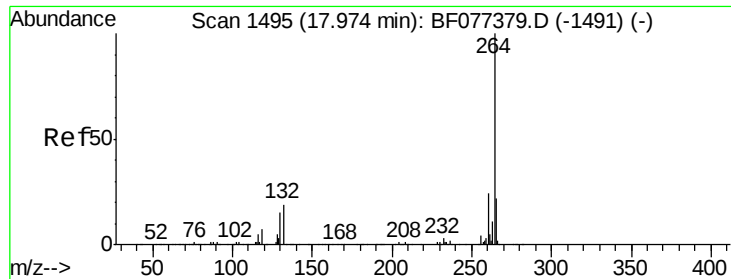
#85
Indeno(1,2,3-cd)pyrene
Concen: 22.72 ng
RT: 19.32 min Scan# 1613
Delta R.T. 0.05 min
Lab File: BF077532.D
Acq: 2 Mar 2015 19:53

Tgt Ion:276 Resp: 564773
Ion Ratio Lower Upper
276 100
138 26.0 21.2 31.8
277 24.4 20.0 30.0



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

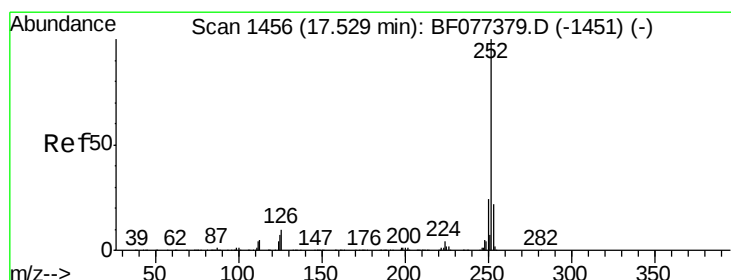
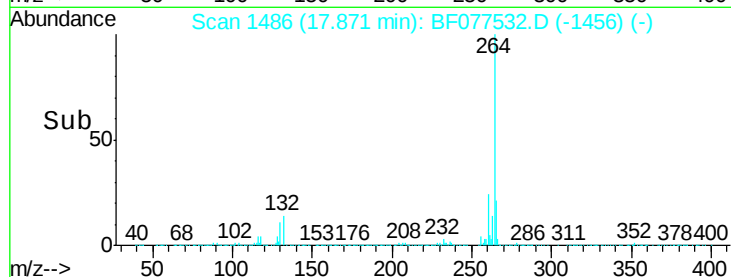
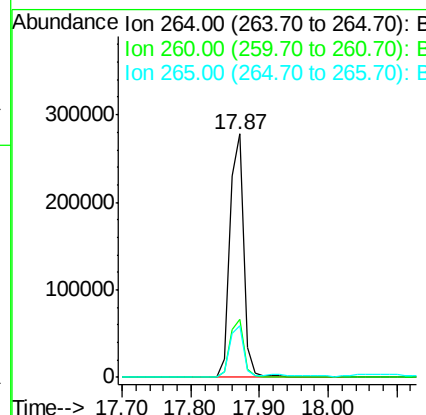
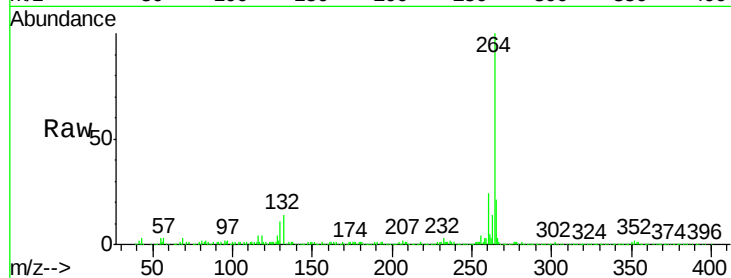




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.87 min Scan# 1486
Delta R.T. 0.04 min
Lab File: BF077532.D
Acq: 2 Mar 2015 19:53

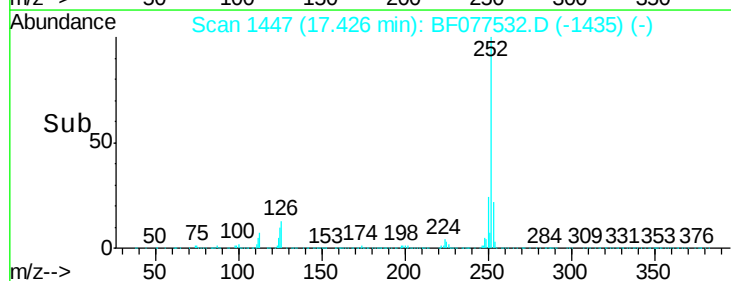
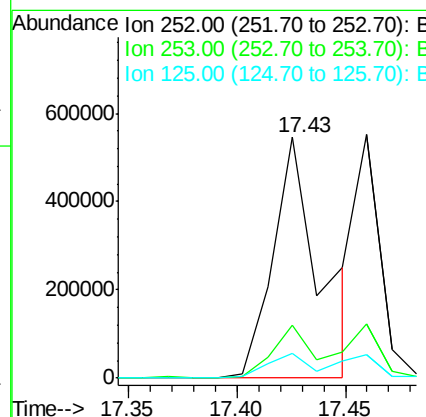
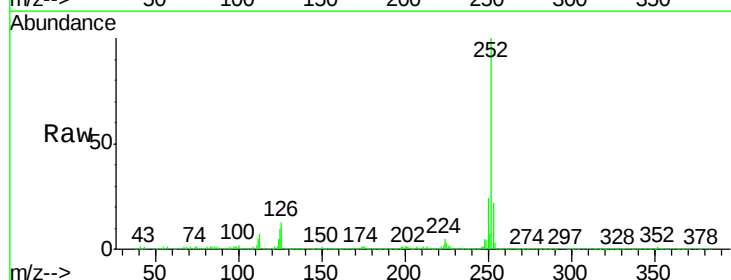
Instrument :
BNA_F
ClientSampleId :
SB13MSD

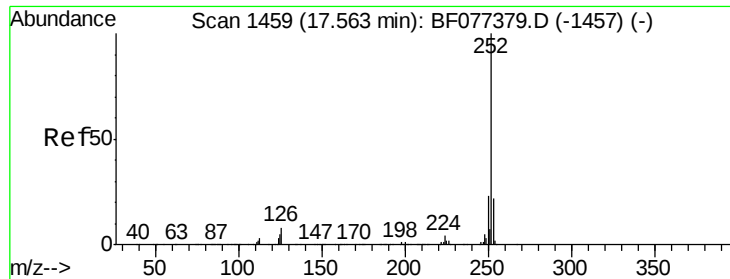
Tgt Ion:264 Resp: 396111
Ion Ratio Lower Upper
264 100
260 23.7 19.3 28.9
265 21.5 16.8 25.2



#87
Benzo(b)fluoranthene
Concen: 35.57 ng
RT: 17.43 min Scan# 1447
Delta R.T. 0.04 min
Lab File: BF077532.D
Acq: 2 Mar 2015 19:53

Tgt Ion:252 Resp: 819276
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 10.2 5.4 8.2#

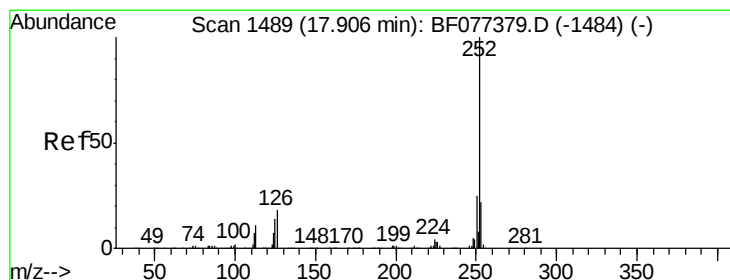
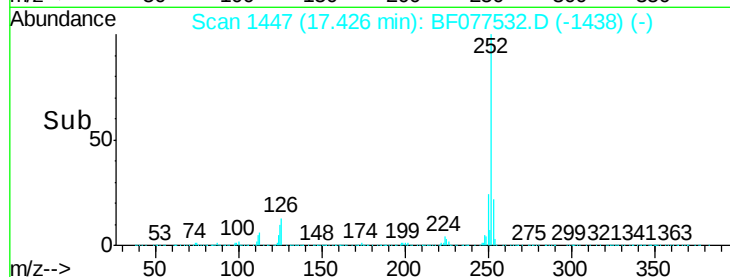
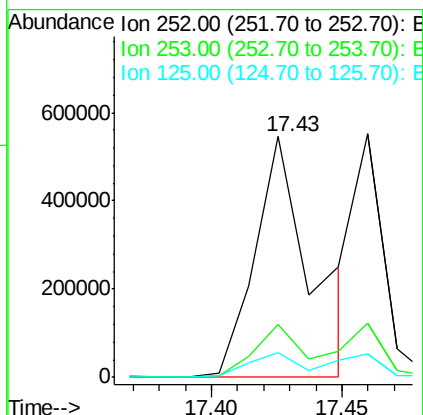
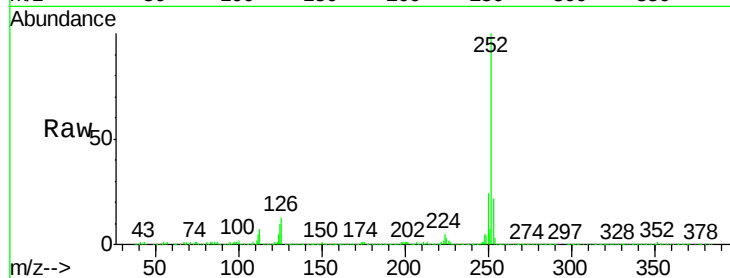




#88
Benzo(k)fluoranthene
Concen: 36.25 ng
RT: 17.43 min Scan# 1447
Delta R.T. 0.00 min
Lab File: BF077532.D
Acq: 2 Mar 2015 19:53

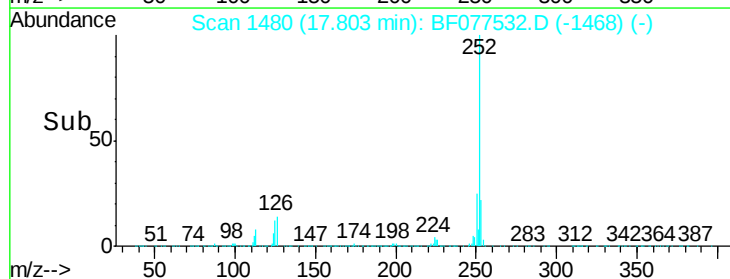
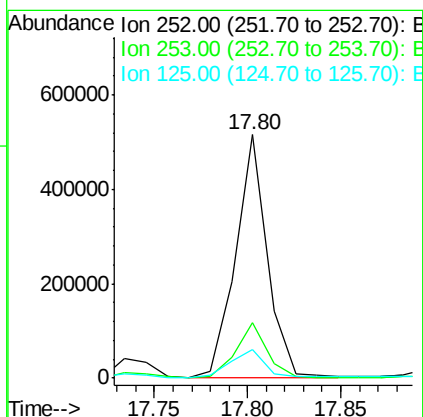
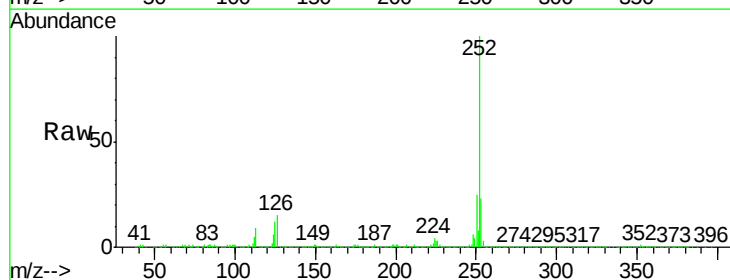
Instrument :
BNA_F
ClientSampleId :
SB13MSD

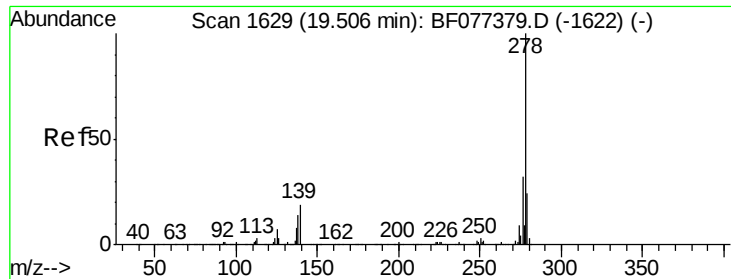
Tgt Ion:252 Resp: 818242
Ion Ratio Lower Upper
252 100
253 22.1 18.1 27.1
125 10.2 10.1 15.1



#89
Benzo(a)pyrene
Concen: 27.70 ng
RT: 17.80 min Scan# 1480
Delta R.T. 0.04 min
Lab File: BF077532.D
Acq: 2 Mar 2015 19:53

Tgt Ion:252 Resp: 607676
Ion Ratio Lower Upper
252 100
253 22.8 18.2 27.2
125 12.0 8.3 12.5



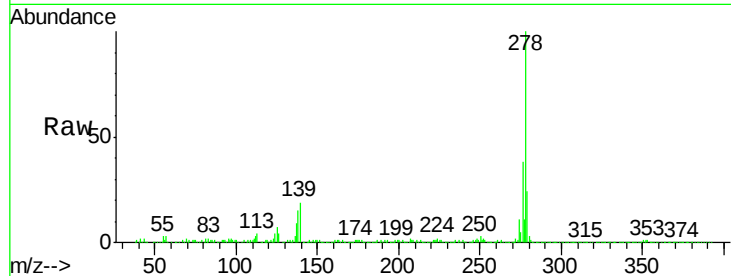


#90
Dibenzo(a,h)anthracene
Concen: 23.80 ng
RT: 19.35 min Scan# 1615
Delta R.T. 0.05 min
Lab File: BF077532.D
Acq: 2 Mar 2015 19:53

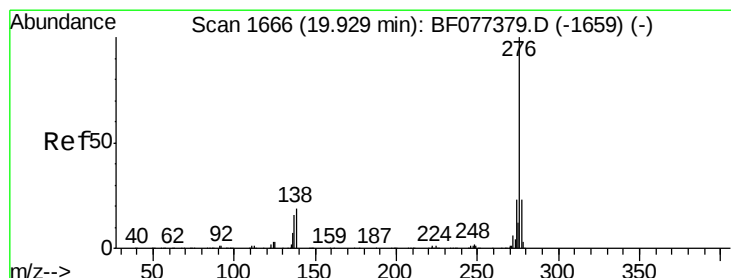
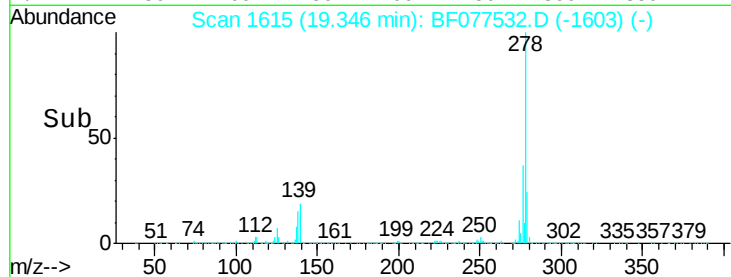
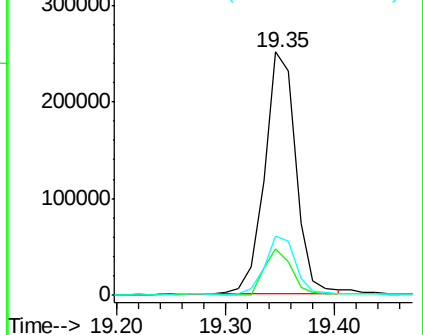
Instrument :
BNA_F
ClientSampleId :
SB13MSD

Tgt Ion: 278 Resp: 497868

Ion	Ratio	Lower	Upper
278	100		
139	19.3	14.3	21.5
279	24.4	19.0	28.6



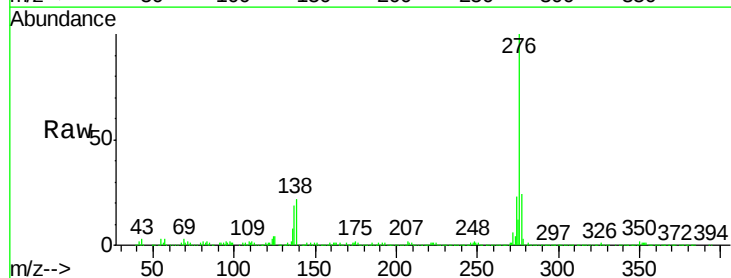
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 25.39 ng
RT: 19.75 min Scan# 1651
Delta R.T. 0.05 min
Lab File: BF077532.D
Acq: 2 Mar 2015 19:53

Tgt Ion: 276 Resp: 536142

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.9	28.3
138	21.6	20.5	30.7



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

