

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022015\
 Data File : BF077384.D
 Acq On : 20 Feb 2015 16:21
 Operator : TP/IZ
 Sample : PB81812BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81812BSD

Quant Time: Feb 21 00:07:59 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 20 23:55:25 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	87364	20.00	ng	0.00
21) Naphthalene-d8	8.91	136	355426	20.00	ng	0.00
38) Acenaphthene-d10	11.08	164	186739	20.00	ng	0.00
63) Phenanthrene-d10	12.93	188	347989	20.00	ng	0.00
75) Chrysene-d12	16.23	240	357568	20.00	ng	0.00
86) Perylene-d12	18.01	264	337361	20.00	ng	0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	478773	91.49	ng	0.00
7) Phenol-d6	6.88	99	610734	90.77	ng	0.00
23) Nitrobenzene-d5	8.02	82	490701	85.85	ng	0.00
41) 2,4,6-Tribromophenol	12.07	330	169685	94.37	ng	0.00
44) 2-Fluorobiphenyl	10.26	172	1167428	97.48	ng	0.00
78) Terphenyl-d14	14.92	244	1281538	83.79	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.32	88	63395	28.55	ng	98
3) Pyridine	3.05	79	202498	31.88	ng	97
4) n-Nitrosodimethylamine	2.98	42	94995	34.39	ng	96
6) Aniline	6.91	93	97836	10.52	ng	95
8) 2-Chlorophenol	7.06	128	221426	35.87	ng	91
10) Phenol	6.89	94	243541	30.51	ng	88
11) bis(2-Chloroethyl)ether	7.01	93	194445	33.89	ng	89
12) 1,3-Dichlorobenzene	7.25	146	229293	34.11	ng	95
13) 1,4-Dichlorobenzene	7.36	146	225690	33.00	ng	97
14) 1,2-Dichlorobenzene	7.54	146	214526	32.98	ng	95
15) Benzyl Alcohol	7.50	79	180189	35.23	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.69	45	286691	34.96	ng	96
17) 2-Methylphenol	7.64	107	167043	34.62	ng	96
18) Hexachloroethane	7.95	117	74982	32.83	ng	# 81
19) n-Nitroso-di-n-propylamine	7.85	70	147467	34.51	ng	# 89
20) 3+4-Methylphenols	7.84	107	219997	34.62	ng	# 72
22) Acetophenone	7.84	105	292863	35.03	ng	# 93
24) Nitrobenzene	8.04	77	211157	35.11	ng	87
25) Isophorone	8.34	82	386341	34.07	ng	94
26) 2-Nitrophenol	8.44	139	86156	34.96	ng	# 86
27) 2,4-Dimethylphenol	8.49	122	188899	34.26	ng	96
28) bis(2-Chloroethoxy)methane	8.62	93	249065	34.77	ng	99
29) 2,4-Dichlorophenol	8.73	162	191395	36.98	ng	92
30) 1,2,4-Trichlorobenzene	8.84	180	188778	33.17	ng	96
31) Naphthalene	8.93	128	638593	35.93	ng	99
32) Benzoic acid	8.59	122	91991	34.33	ng	97
33) 4-Chloroaniline	9.00	127	72902	9.22	ng	# 92
34) Hexachlorobutadiene	9.09	225	111058	34.18	ng	97
35) Caprolactam	9.42	113	54615	34.56	ng	98
36) 4-Chloro-3-methylphenol	9.61	107	189392	36.40	ng	92
37) 2-Methylnaphthalene	9.79	142	438767	34.76	ng	98
39) 1,2,4,5-Tetrachlorobenzene	10.00	216	203092	37.90	ng	97
40) Hexachlorocyclopentadiene	9.98	237	221844	77.21	ng	97
42) 2,4,6-Trichlorophenol	10.15	196	133756	37.70	ng	97

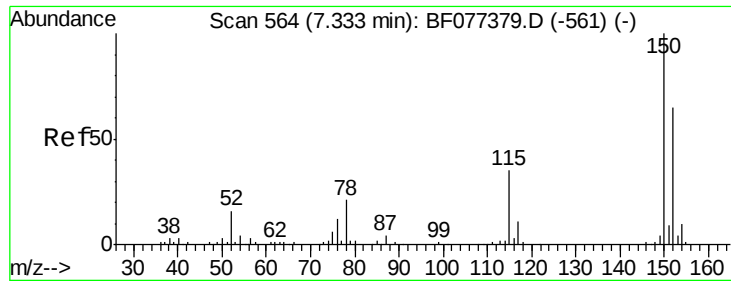
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	10.18	196	141880	37.39	ng	# 86
45) 1,1'-Biphenyl	10.37	154	523934	37.03	ng	97
46) 2-Chloronaphthalene	10.40	162	425783	38.37	ng	97
47) 2-Nitroaniline	10.52	65	113847	41.68	ng	# 82
48) Acenaphthylene	10.91	152	695185	39.58	ng	99
49) Dimethylphthalate	10.76	163	502719	38.30	ng	98
50) 2,6-Dinitrotoluene	10.83	165	104361	39.64	ng	# 69
51) Acenaphthene	11.13	154	401136	38.27	ng	99
52) 3-Nitroaniline	11.03	138	44389	14.63	ng	# 86
53) 2,4-Dinitrophenol	11.16	184	64846	80.96	ng	# 63
54) Dibenzofuran	11.35	168	612442	37.84	ng	95
55) 4-Nitrophenol	11.23	139	171126	70.10	ng	# 57
56) 2,4-Dinitrotoluene	11.32	165	136680	38.43	ng	# 70
57) Fluorene	11.77	166	483475	37.37	ng	98
58) 2,3,4,6-Tetrachlorophenol	11.49	232	115275	37.79	ng	100
59) Diethylphthalate	11.64	149	490944	37.94	ng	97
60) 4-Chlorophenyl-phenylether	11.78	204	228056	36.58	ng	92
61) 4-Nitroaniline	11.79	138	98865	33.99	ng	86
62) Azobenzene	11.97	77	455397	37.09	ng	91
64) 4,6-Dinitro-2-methylphenol	11.83	198	45760	34.12	ng	# 62
65) n-Nitrosodiphenylamine	11.92	169	404756	35.06	ng	98
66) 4-Bromophenyl-phenylether	12.39	248	142182	34.89	ng	# 87
67) Hexachlorobenzene	12.44	284	157600	36.03	ng	# 83
68) Atrazine	12.59	200	131634	35.07	ng	94
69) Pentachlorophenol	12.68	266	168477	73.29	ng	99
70) Phenanthrene	12.96	178	690132	34.22	ng	99
71) Anthracene	13.03	178	712619	35.60	ng	99
72) Carbazole	13.22	167	631509	33.18	ng	98
73) Di-n-butylphthalate	13.68	149	759203	33.97	ng	99
74) Fluoranthene	14.44	202	765979	34.77	ng	95
76) Benzidine	14.61	184	263651	21.82	ng	98
77) Pyrene	14.72	202	771190	35.26	ng	100
79) Butylbenzylphthalate	15.54	149	309535	34.40	ng	# 83
80) Benzo(a)anthracene	16.21	228	714112	34.08	ng	99
81) 3,3'-Dichlorobenzidine	16.19	252	112781	14.69	ng	# 99
82) Chrysene	16.26	228	694439	35.29	ng	99
83) Bis(2-ethylhexyl)phthalate	16.27	149	455913	31.59	ng	# 96
84) Di-n-octyl phthalate	17.08	149	756567	31.40	ng	99
85) Indeno(1,2,3-cd)pyrene	19.51	276	615862	27.45	ng	97
87) Benzo(b)fluoranthene	17.55	252	694484	35.40	ng	99
88) Benzo(k)fluoranthene	17.59	252	679624	35.35	ng	# 95
89) Benzo(a)pyrene	17.94	252	660512	35.35	ng	98
90) Dibenzo(a,h)anthracene	19.54	278	628511	35.27	ng	100
91) Benzo(g,h,i)perylene	19.95	276	644248	35.82	ng	98

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

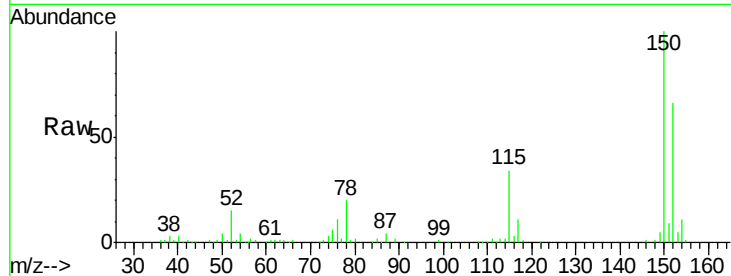


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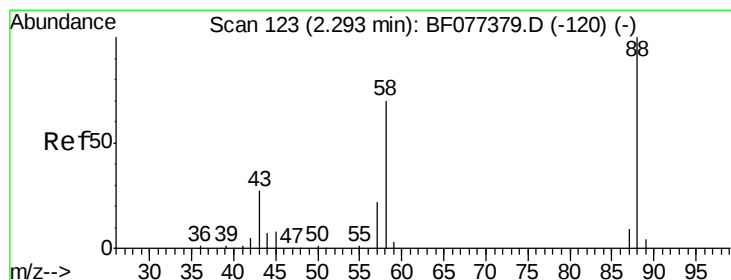
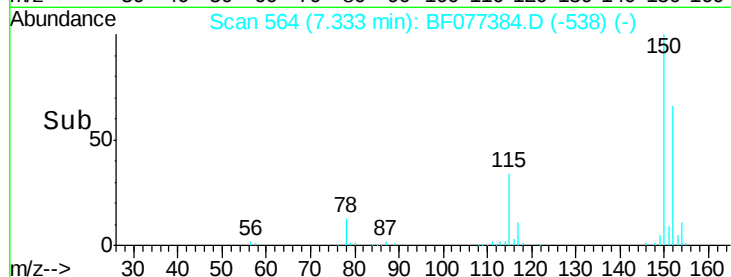
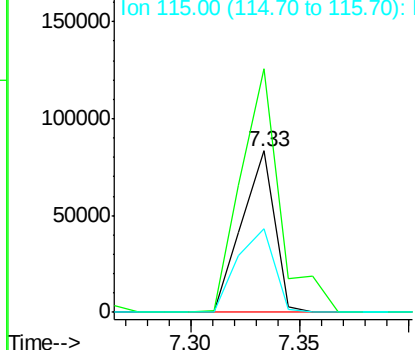
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.33 min Scan# 564
 Delta R.T. 0.00 min
 Lab File: BF077384.D
 Acq: 20 Feb 2015 16:21

Instrument :
 BNA_F
 ClientSampleId :
 PB81812BSD

Tgt Ion:152 Resp: 87364
 Ion Ratio Lower Upper
 152 100
 150 151.1 124.0 186.0
 115 51.7 49.4 74.2



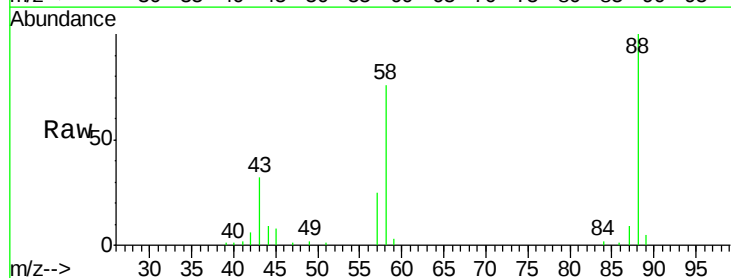
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



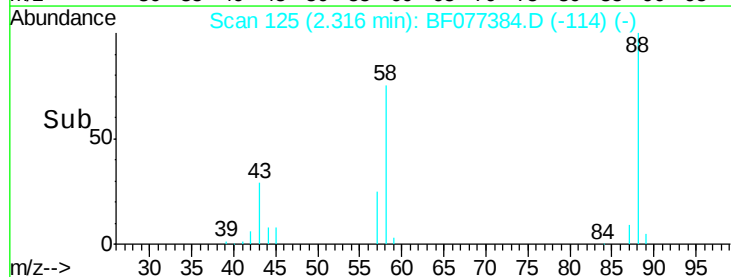
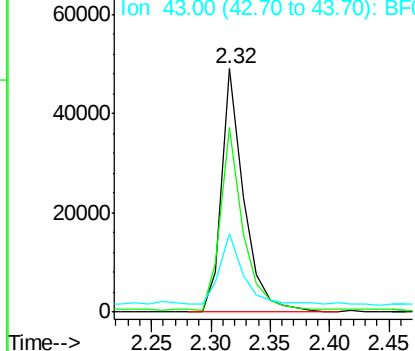
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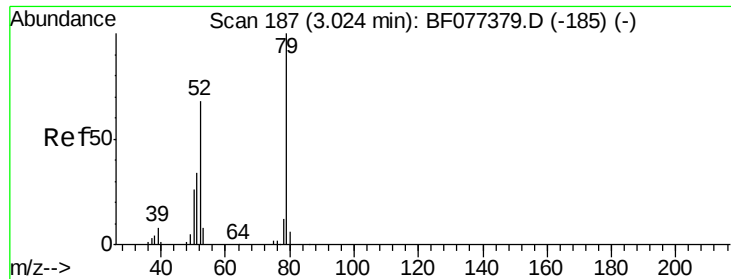
1,4-Dioxane
 Concen: 28.55 ng
 RT: 2.32 min Scan# 125
 Delta R.T. 0.02 min
 Lab File: BF077384.D
 Acq: 20 Feb 2015 16:21

Tgt Ion: 88 Resp: 63395
 Ion Ratio Lower Upper
 88 100
 58 75.1 62.1 93.1
 43 30.6 24.0 36.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
 Ion 58.00 (57.70 to 58.70): BF0
 Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 31.88 ng

RT: 3.05 min Scan# 189

Delta R.T. 0.02 min

Lab File: BF077384.D

Acq: 20 Feb 2015 16:21

Instrument :

BNA_F

ClientSampleId :

PB81812BSD

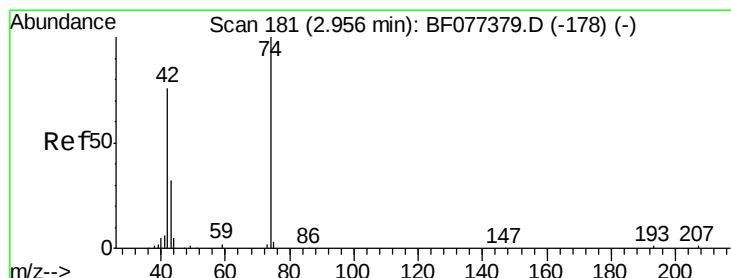
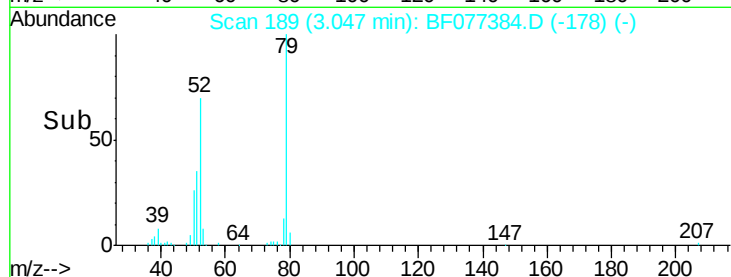
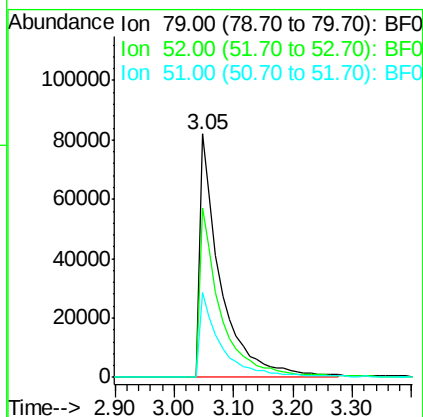
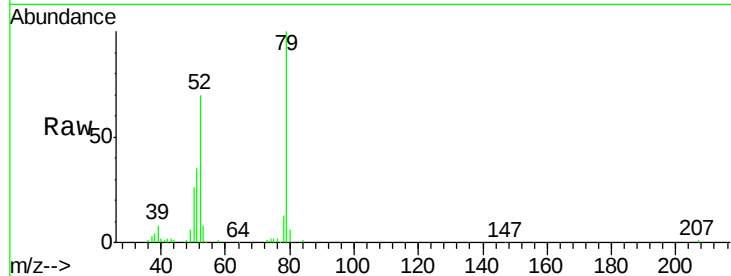
Tgt Ion: 79 Resp: 202498

Ion Ratio Lower Upper

79 100

52 69.6 57.7 86.5

51 34.7 28.5 42.7



#4

n-Nitrosodimethylamine

Concen: 34.39 ng

RT: 2.98 min Scan# 183

Delta R.T. 0.02 min

Lab File: BF077384.D

Acq: 20 Feb 2015 16:21

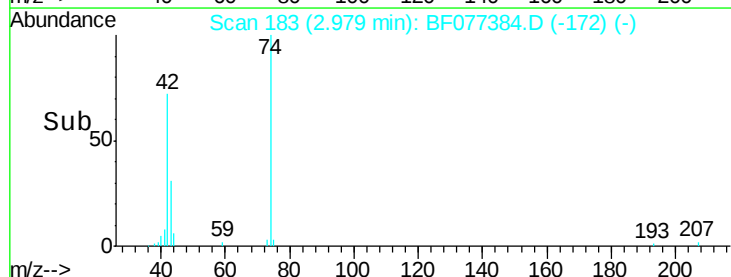
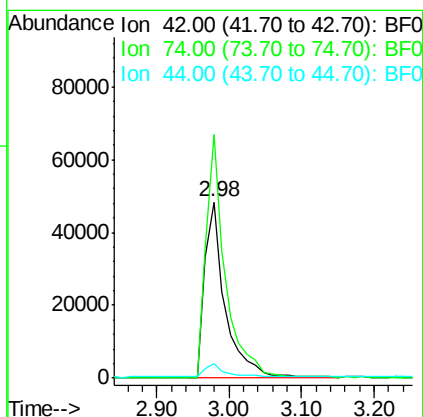
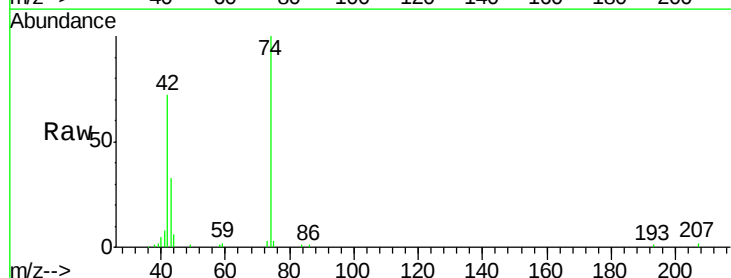
Tgt Ion: 42 Resp: 94995

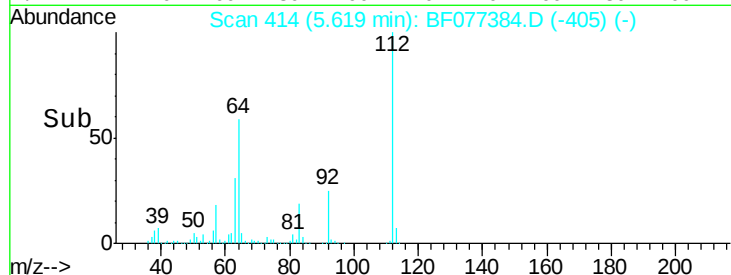
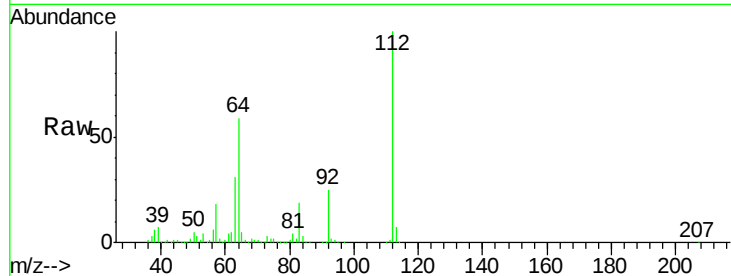
Ion Ratio Lower Upper

42 100

74 138.3 107.1 160.7

44 8.1 6.7 10.1





#5

2-Fluorophenol

Concen: 91.49 ng

RT: 5.62 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF077384.D

Acq: 20 Feb 2015 16:21

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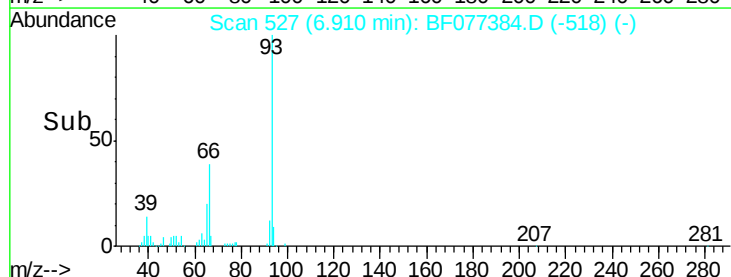
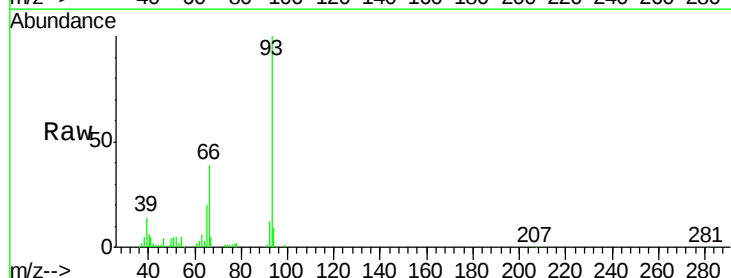
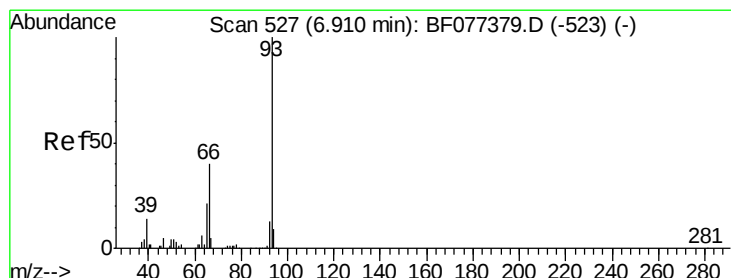
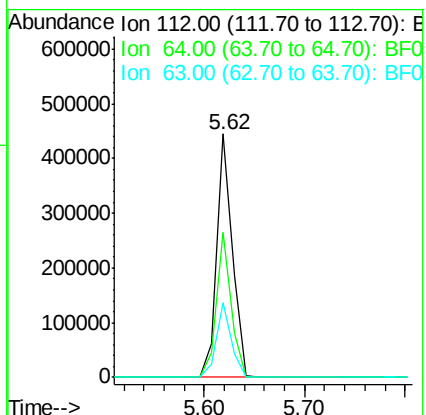
Tgt Ion: 112 Resp: 478773

Ion Ratio Lower Upper

112 100

64 59.4 48.5 72.7

63 30.5 25.0 37.4



#6

Aniline

Concen: 10.52 ng

RT: 6.91 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF077384.D

Acq: 20 Feb 2015 16:21

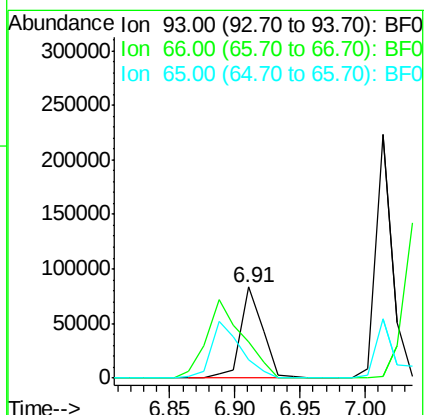
Tgt Ion: 93 Resp: 97836

Ion Ratio Lower Upper

93 100

66 39.2 29.1 43.7

65 20.5 14.6 22.0





#7

Phenol-d6

Concen: 90.77 ng

RT: 6.88 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF077384.D

Acq: 20 Feb 2015 16:21

Instrument :

BNA_F

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PB81812BSD

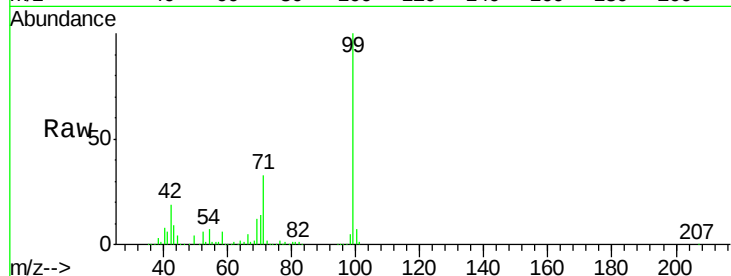
Tgt Ion: 99 Resp: 610734

Ion Ratio Lower Upper

99 100

42 19.0 16.2 24.4

71 32.6 26.7 40.1



Abundance Ion 99.00 (98.70 to 99.70): BF077379.D (-520) (-)

Ion 42.00 (41.70 to 42.70): BF077379.D (-520) (-)

Ion 71.00 (70.70 to 71.70): BF077379.D (-520) (-)

6.88

800000

600000

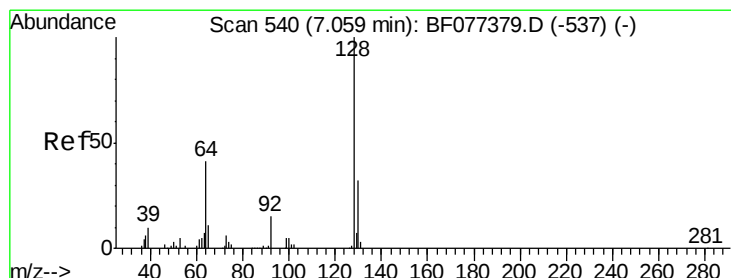
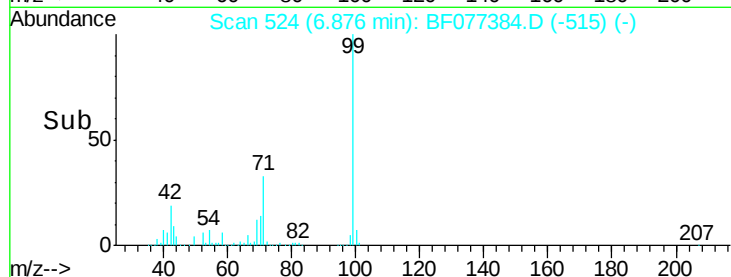
400000

200000

0

6.80 6.85 6.90 6.95

Time-->



#8

2-Chlorophenol

Concen: 35.87 ng

RT: 7.06 min Scan# 540

Delta R.T. 0.00 min

Lab File: BF077384.D

Acq: 20 Feb 2015 16:21

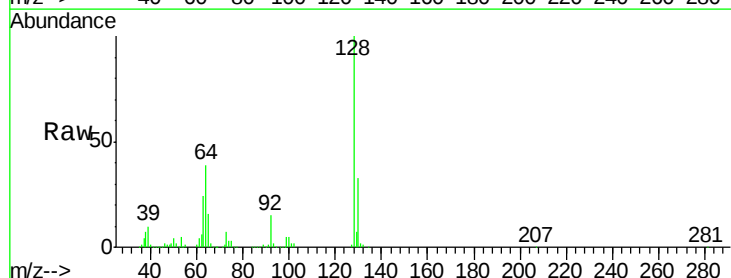
Tgt Ion: 128 Resp: 221426

Ion Ratio Lower Upper

128 100

130 32.9 12.0 52.0

64 39.4 29.2 69.2



Abundance Ion 128.00 (127.70 to 128.70): BF077379.D (-537) (-)

Ion 130.00 (129.70 to 130.70): BF077379.D (-537) (-)

Ion 64.00 (63.70 to 64.70): BF077379.D (-537) (-)

7.06

300000

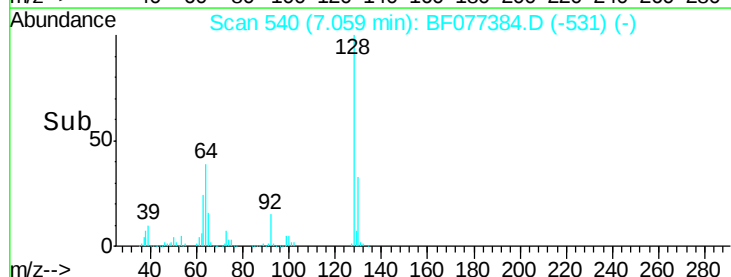
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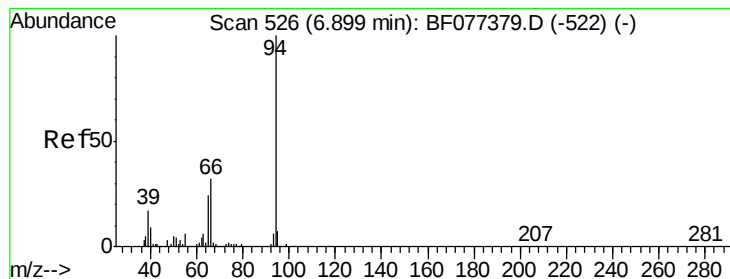
100000

0

7.00 7.05 7.10 7.15

Time-->





#10

Phenol

Concen: 30.51 ng

RT: 6.89 min Scan# 525

Delta R.T. -0.01 min

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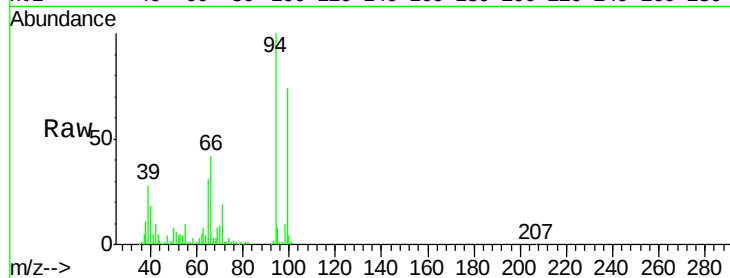
Tgt Ion: 94 Resp: 243541

Ion Ratio Lower Upper

94 100

65 30.7 5.7 45.7

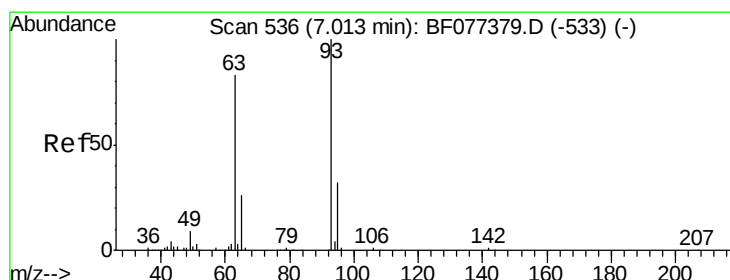
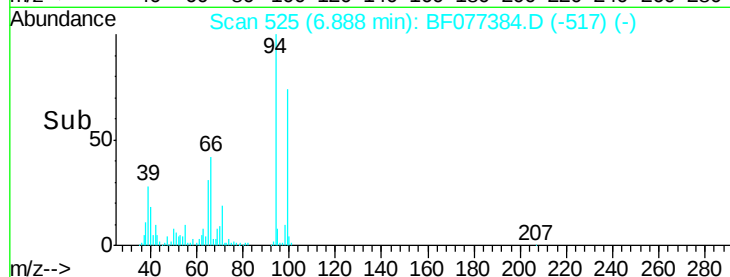
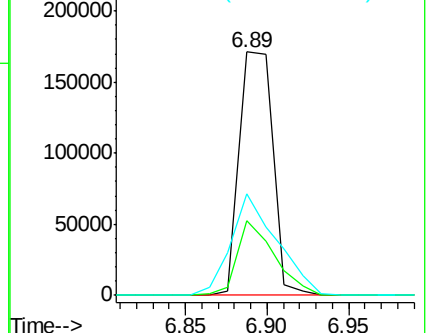
66 41.9 13.6 53.6



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



#11

bis(2-Chloroethyl)ether

Concen: 33.89 ng

RT: 7.01 min Scan# 536

Delta R.T. 0.00 min

Lab File: BF077384.D

Acq: 20 Feb 2015 16:21

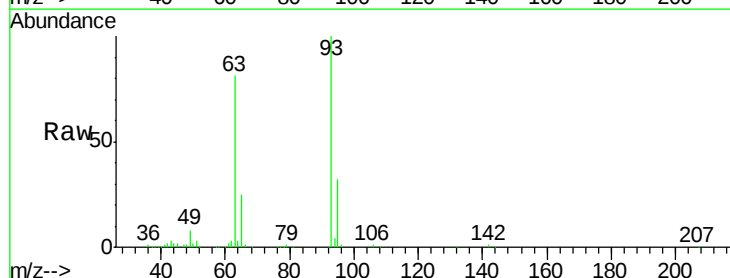
Tgt Ion: 93 Resp: 194445

Ion Ratio Lower Upper

93 100

63 80.6 48.7 88.7

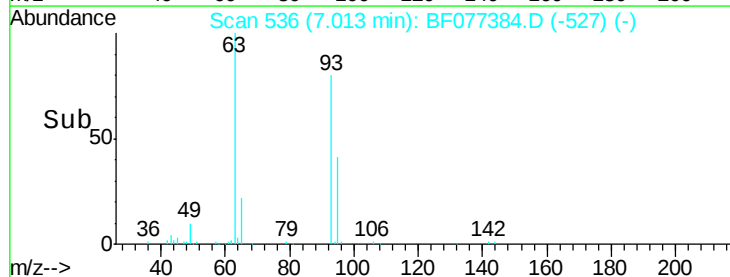
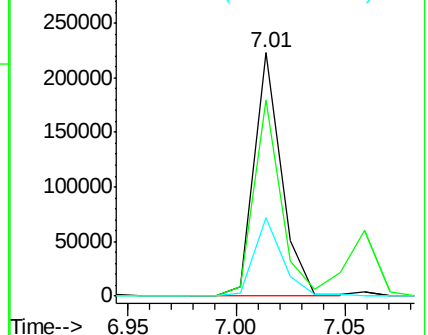
95 32.1 13.6 53.6

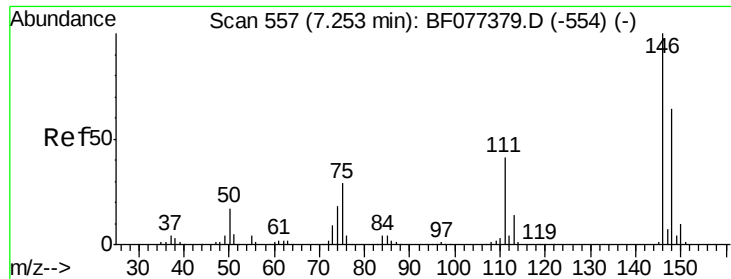


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

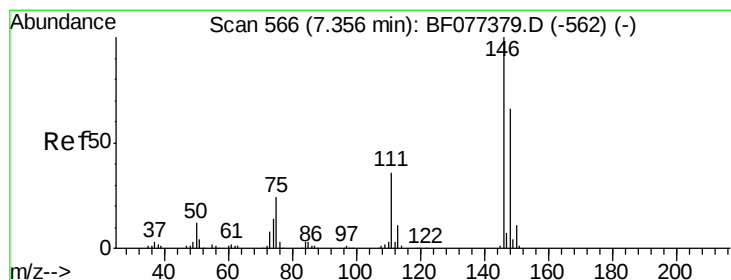
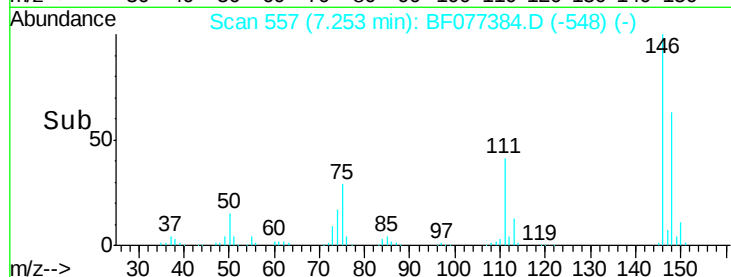
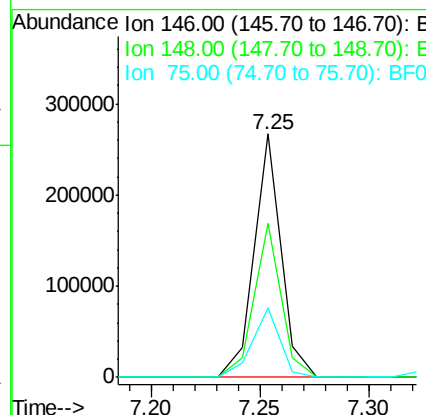
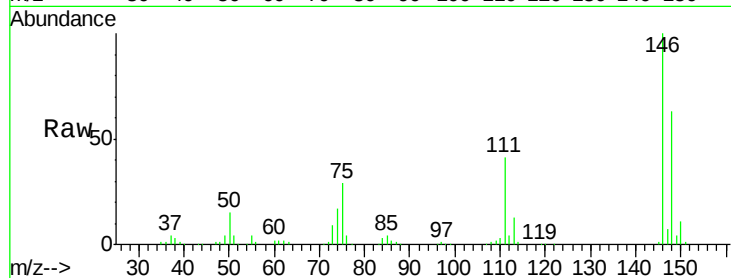




#12
 1,3-Dichlorobenzene
 Concen: 34.11 ng
 RT: 7.25 min Scan# 557
 Delta R.T. 0.00 min
 Lab File: BF077384.D
 Acq: 20 Feb 2015 16:21

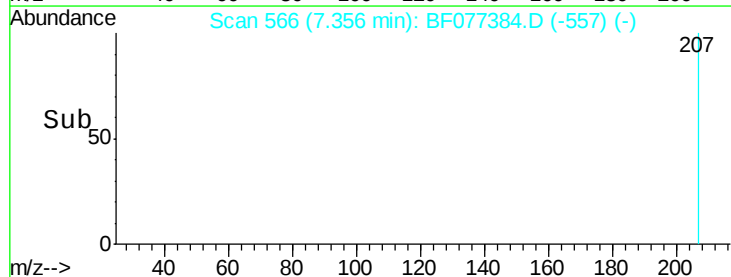
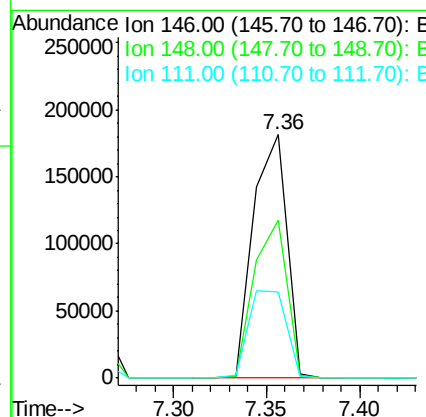
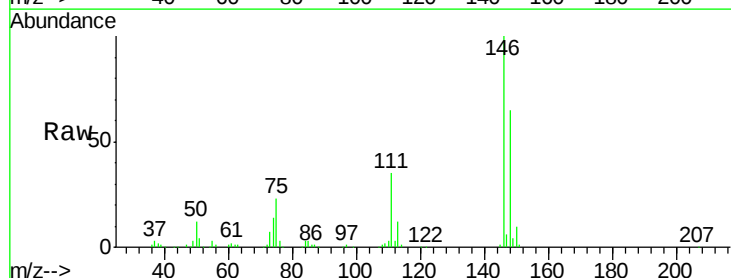
Instrument :
 BNA_F
 ClientSampleId :
 PB81812BSD

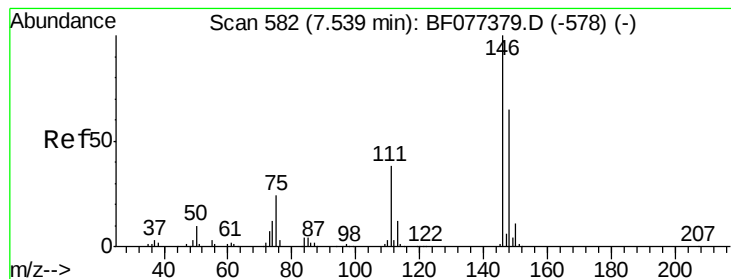
Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	49.8	74.8
75	28.7	28.2	42.4



#13
 1,4-Dichlorobenzene
 Concen: 33.00 ng
 RT: 7.36 min Scan# 566
 Delta R.T. 0.00 min
 Lab File: BF077384.D
 Acq: 20 Feb 2015 16:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	52.0	78.0
111	35.2	31.9	47.9

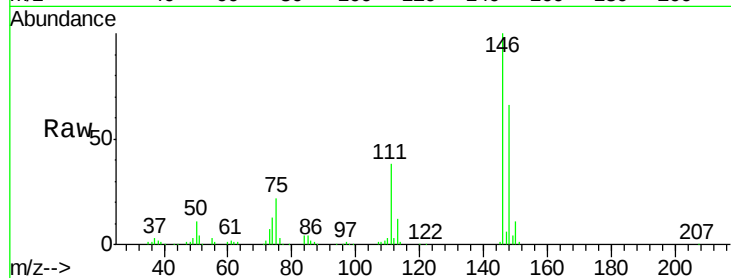




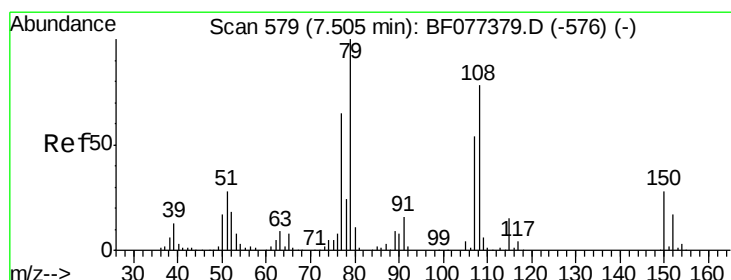
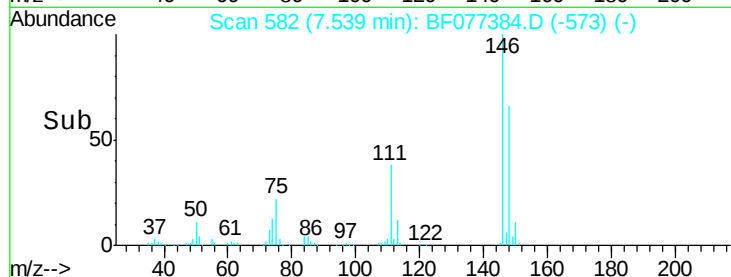
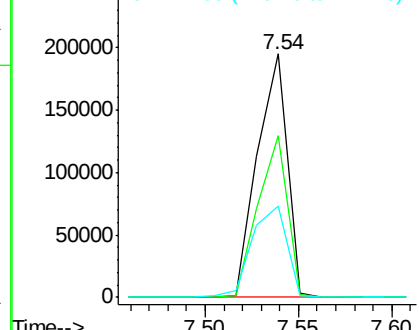
#14
 1,2-Dichlorobenzene
 Concen: 32.98 ng
 RT: 7.54 min Scan# 582
 Delta R.T. 0.00 min
 Lab File: BF077384.D
 Acq: 20 Feb 2015 16:21

Instrument :
 BNA_F
 ClientSampleId :
 PB81812BSD

Tgt Ion: 146 Resp: 214526
 Ion Ratio Lower Upper
 146 100
 148 66.5 51.6 77.4
 111 37.6 34.2 51.2

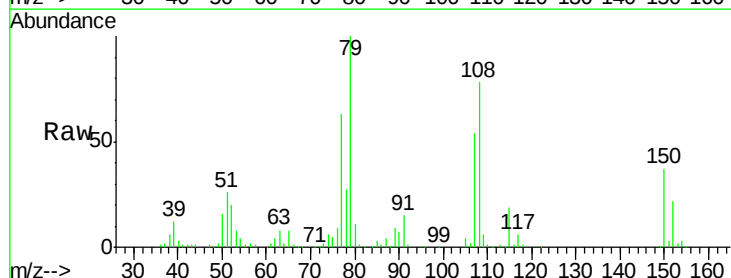


Abundance Ion 146.00 (145.70 to 146.70): B
 Ion 148.00 (147.70 to 148.70): B
 Ion 111.00 (110.70 to 111.70): B

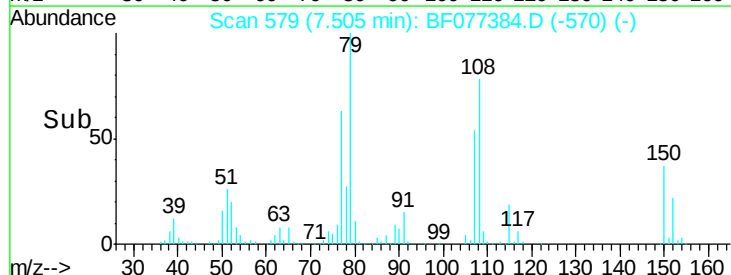
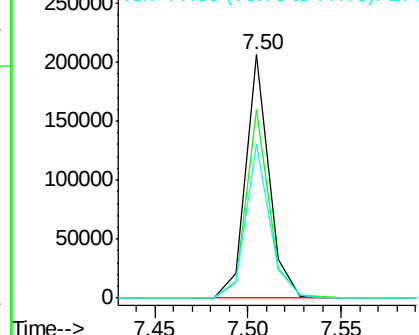


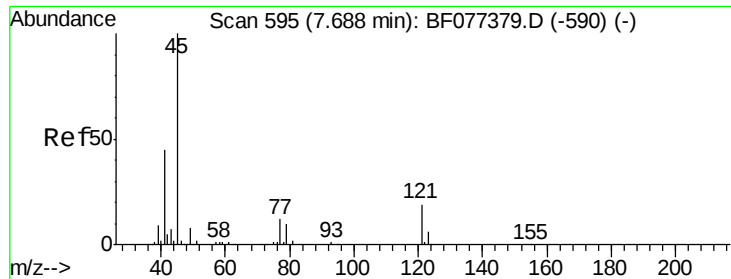
#15
 Benzyl Alcohol
 Concen: 35.23 ng
 RT: 7.50 min Scan# 579
 Delta R.T. 0.00 min
 Lab File: BF077384.D
 Acq: 20 Feb 2015 16:21

Tgt Ion: 79 Resp: 180189
 Ion Ratio Lower Upper
 79 100
 108 77.6 58.3 87.5
 77 63.2 51.3 76.9



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

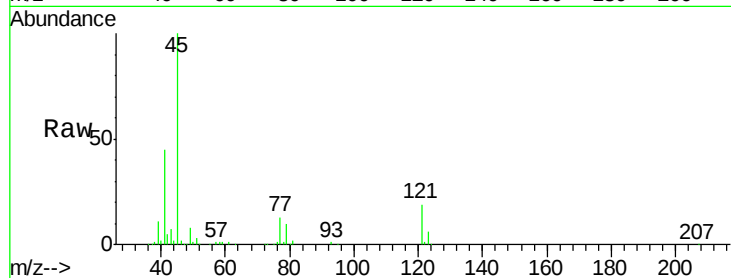




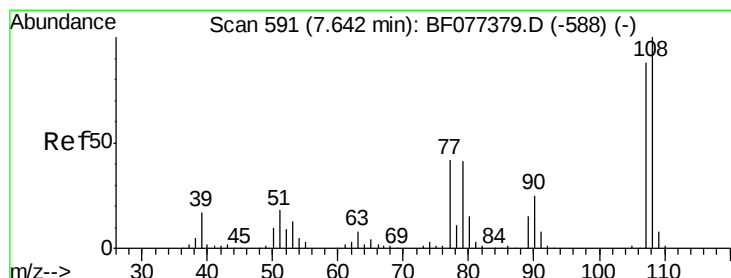
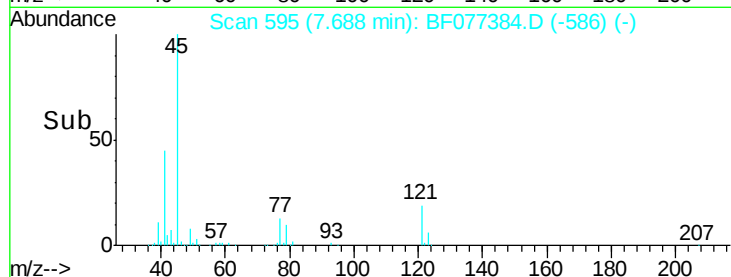
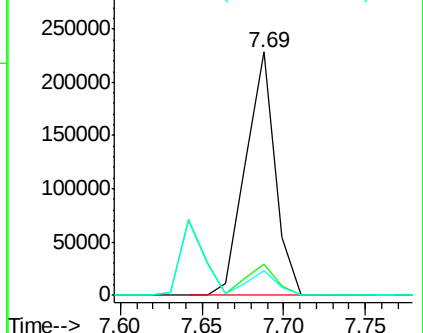
#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 34.96 ng
 RT: 7.69 min Scan# 595
 Delta R.T. 0.00 min
 Lab File: BF077384.D
 Acq: 20 Feb 2015 16:21

Instrument :
 BNA_F
 ClientSampleId :
 PB81812BSD

Tgt Ion: 45 Resp: 286691
 Ion Ratio Lower Upper
 45 100
 77 12.6 0.0 34.6
 79 10.1 0.0 31.5

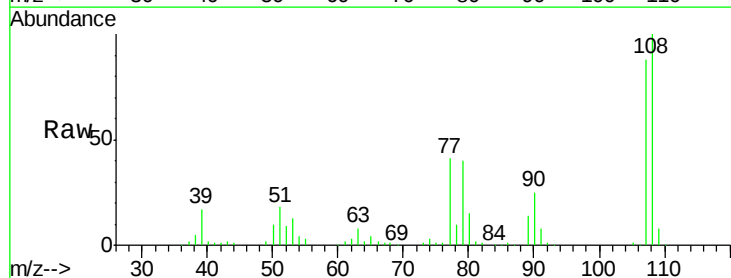


Abundance Ion 45.00 (44.70 to 45.70): BF0
 Ion 77.00 (76.70 to 77.70): BF0
 Ion 79.00 (78.70 to 79.70): BF0

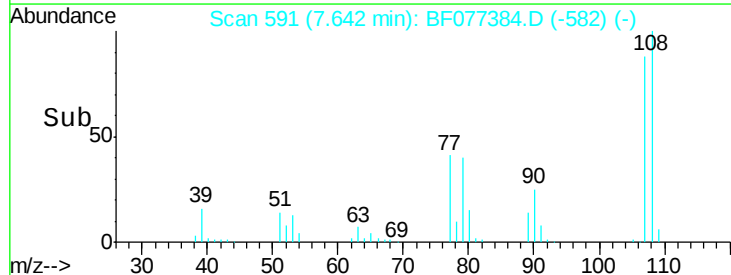
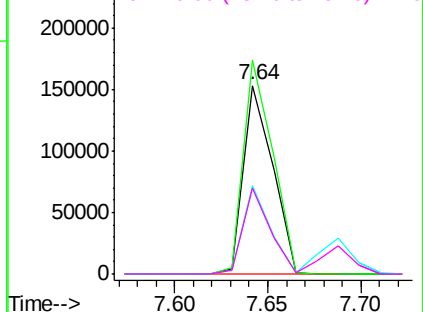


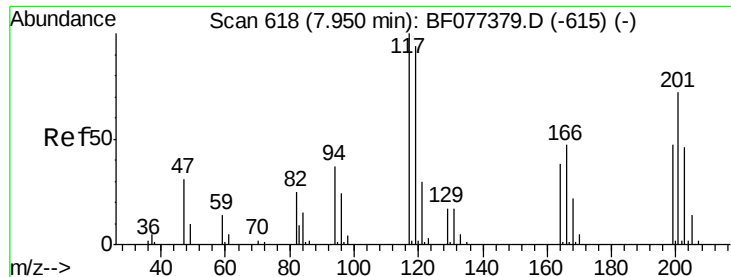
#17
 2-Methylphenol
 Concen: 34.62 ng
 RT: 7.64 min Scan# 591
 Delta R.T. 0.00 min
 Lab File: BF077384.D
 Acq: 20 Feb 2015 16:21

Tgt Ion: 107 Resp: 167043
 Ion Ratio Lower Upper
 107 100
 108 113.4 91.2 136.8
 77 46.6 33.6 50.4
 79 45.4 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

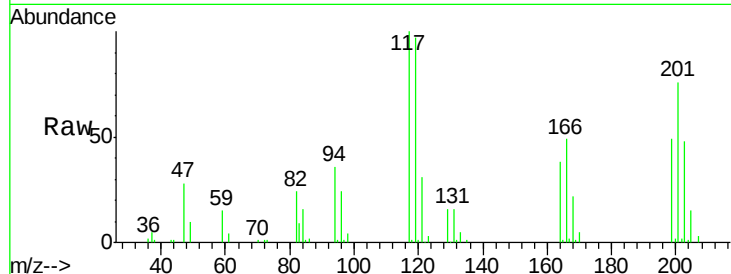




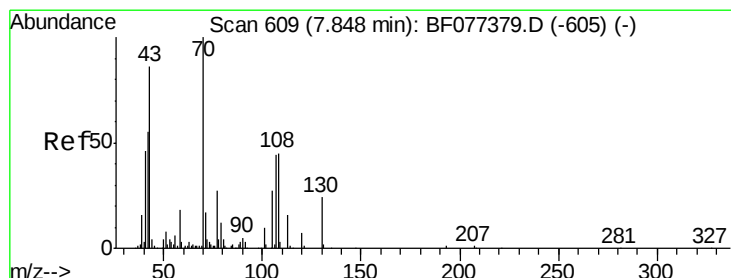
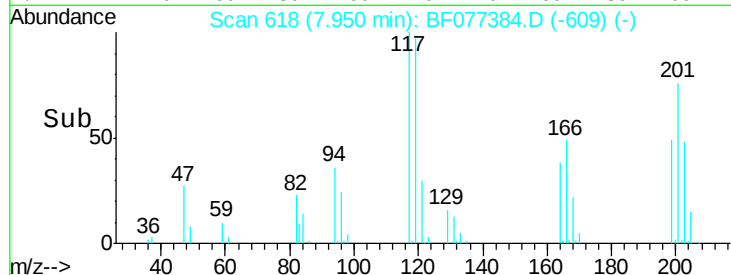
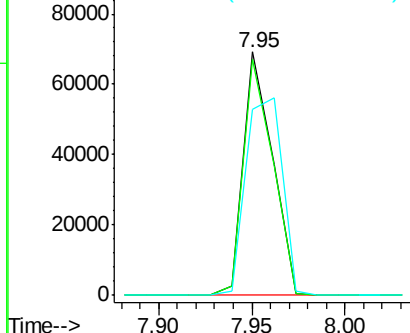
#18
Hexachloroethane
Concen: 32.83 ng
RT: 7.95 min Scan# 618
Delta R.T. 0.00 min
Lab File: BF077384.D
Acq: 20 Feb 2015 16:21

Instrument :
BNA_F
ClientSampleId :
PB81812BSD

Tgt Ion: 117 Resp: 74982
Ion Ratio Lower Upper
117 100
119 96.9 77.8 116.8
201 76.1 90.6 136.0#

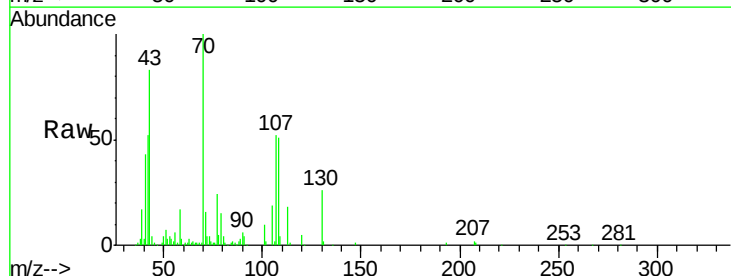


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

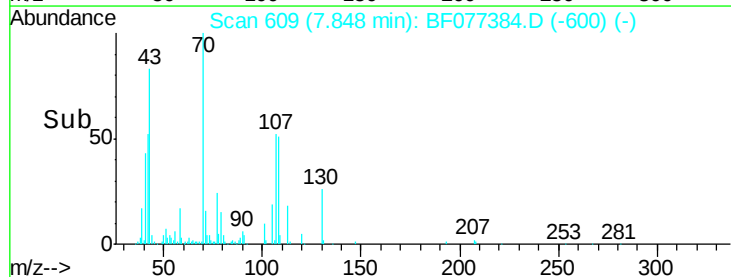
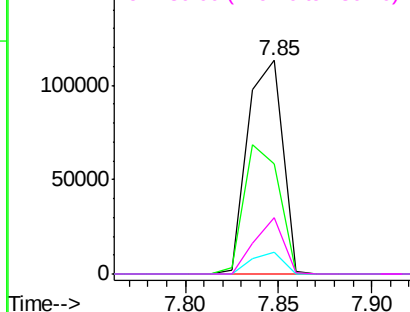


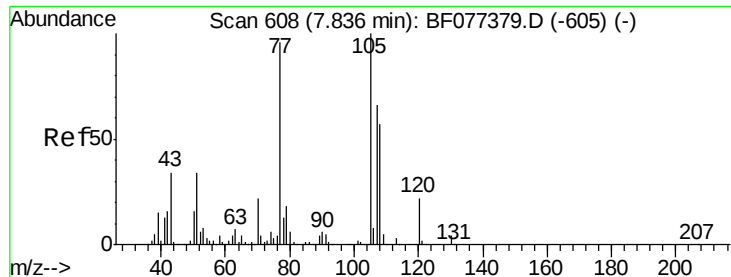
#19
n-Nitroso-di-n-propylamine
Concen: 34.51 ng
RT: 7.85 min Scan# 609
Delta R.T. 0.00 min
Lab File: BF077384.D
Acq: 20 Feb 2015 16:21

Tgt Ion: 70 Resp: 147467
Ion Ratio Lower Upper
70 100
42 51.8 48.3 72.5
101 10.3 7.5 11.3
130 26.5 16.7 25.1#



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 34.62 ng

RT: 7.84 min Scan# 608

Delta R.T. 0.00 min

Lab File: BF077384.D

Acq: 20 Feb 2015 16:21

Instrument :

BNA_F

ClientSampleId :

PB81812BSD

Tgt Ion:107 Resp: 219997

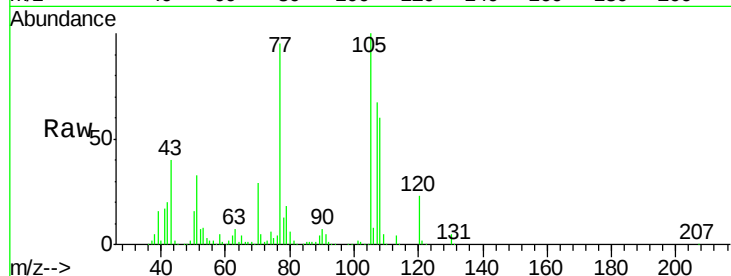
Ion Ratio Lower Upper

107 100

108 90.0 76.8 116.8

77 141.7 65.8 105.8#

79 27.6 9.6 49.6

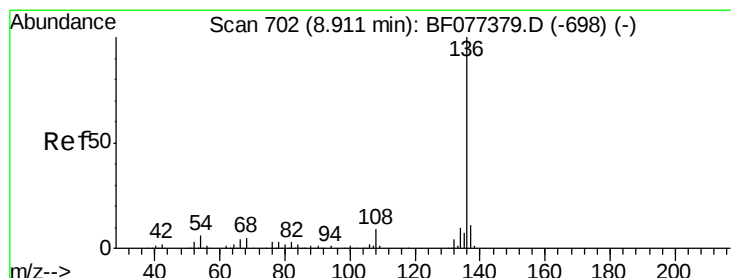
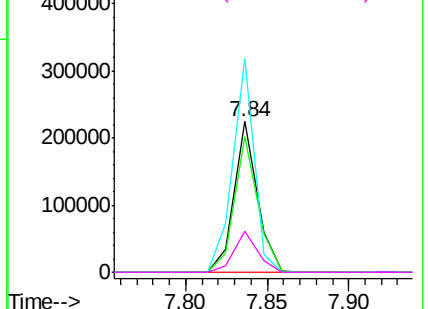
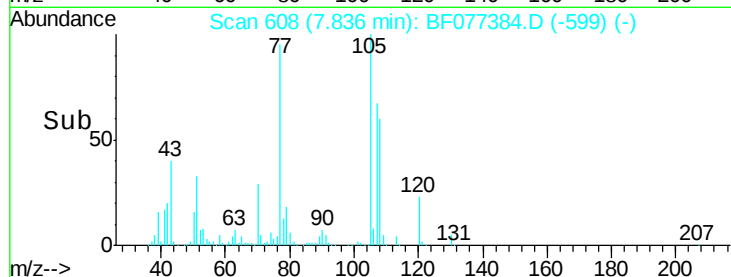


Abundance Ion 107.00 (106.70 to 107.70): E

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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.91 min Scan# 702

Delta R.T. 0.00 min

Lab File: BF077384.D

Acq: 20 Feb 2015 16:21

Tgt Ion:136 Resp: 355426

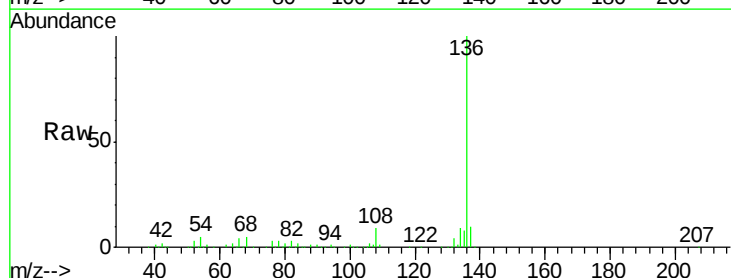
Ion Ratio Lower Upper

136 100

137 10.4 8.6 13.0

54 5.4 6.2 9.4#

68 4.7 5.0 7.6#

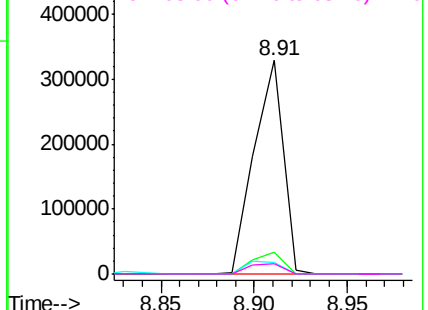
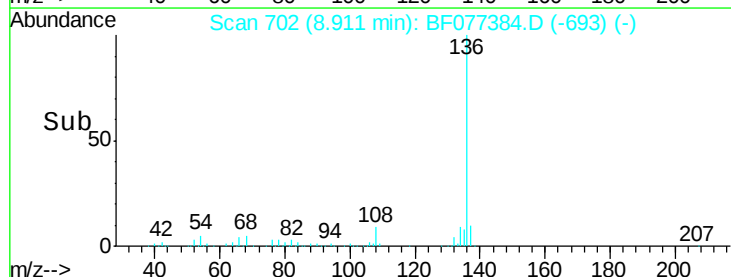


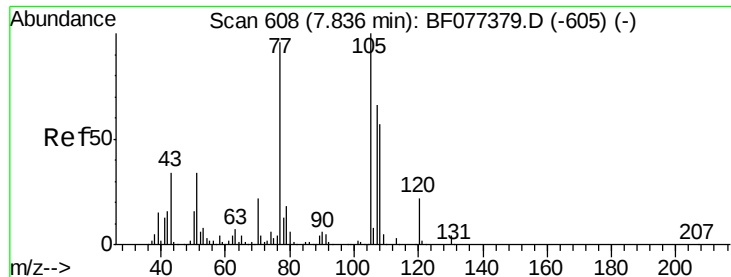
Abundance Ion 136.00 (135.70 to 136.70): E

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: 35.03 ng

RT: 7.84 min Scan# 608

Delta R.T. 0.00 min

Lab File: BF077384.D

Acq: 20 Feb 2015 16:21

Instrument :

BNA_F

ClientSampleId :

PB81812BSD

Tgt Ion: 105 Resp: 292863

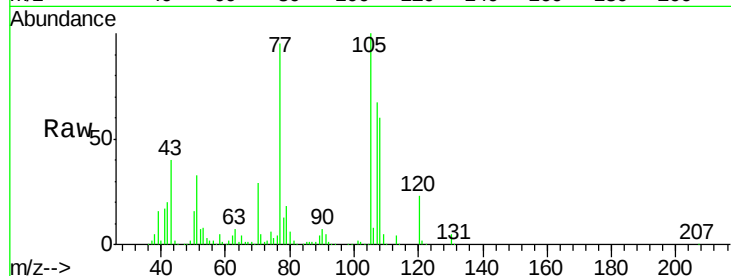
Ion Ratio Lower Upper

105 100

71 4.7 1.7 2.5#

51 33.3 30.7 46.1

120 22.6 16.7 25.1

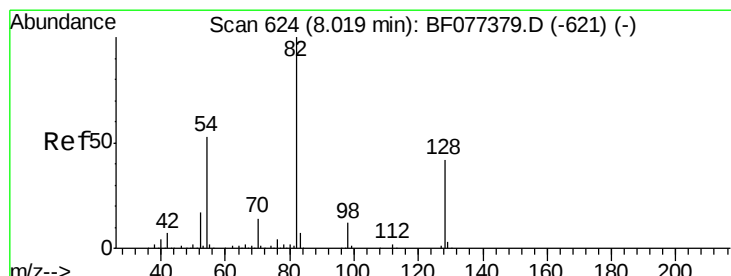
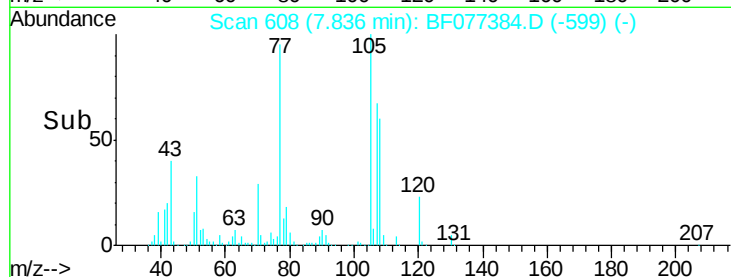
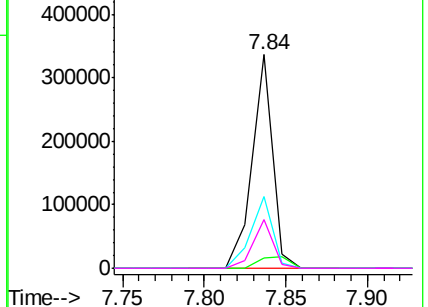


Abundance Ion 105.00 (104.70 to 105.70): E

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: 85.85 ng

RT: 8.02 min Scan# 624

Delta R.T. 0.00 min

Lab File: BF077384.D

Acq: 20 Feb 2015 16:21

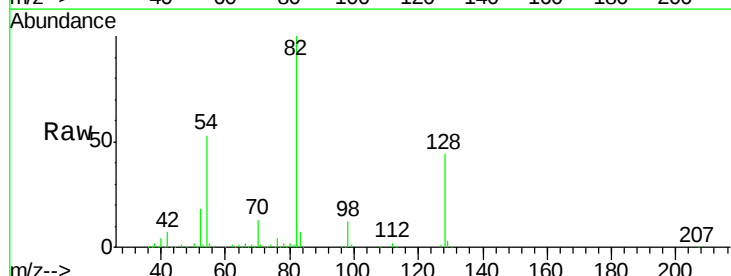
Tgt Ion: 82 Resp: 490701

Ion Ratio Lower Upper

82 100

128 43.6 43.8 65.8#

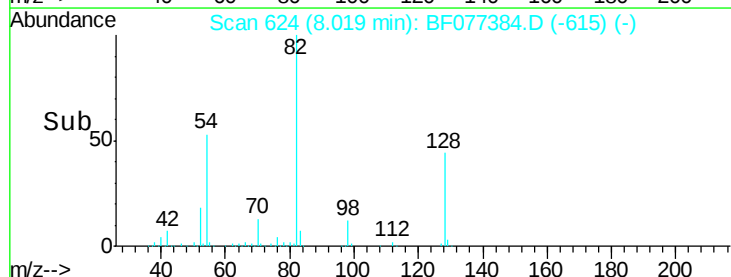
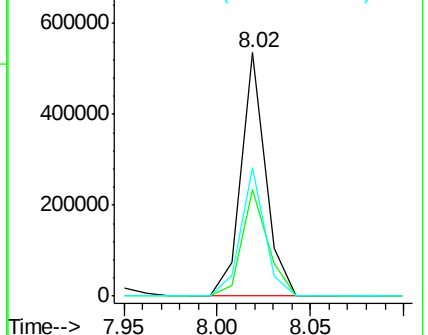
54 52.7 36.7 55.1

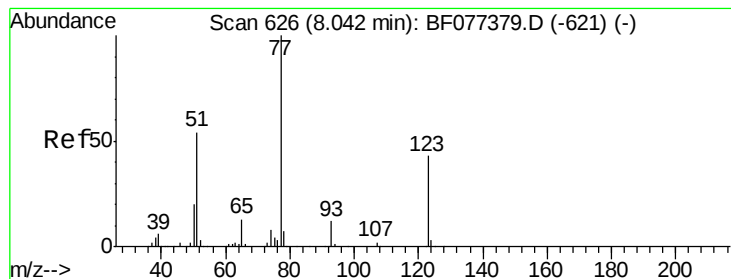


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 35.11 ng

RT: 8.04 min Scan# 626

Delta R.T. 0.00 min

Lab File: BF077384.D

Acq: 20 Feb 2015 16:21

Instrument :

BNA_F

ClientSampleId :

PB81812BSD

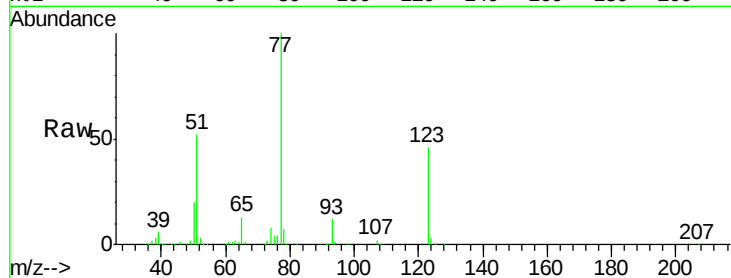
Tgt Ion: 77 Resp: 211157

Ion Ratio Lower Upper

77 100

123 46.2 45.9 68.9

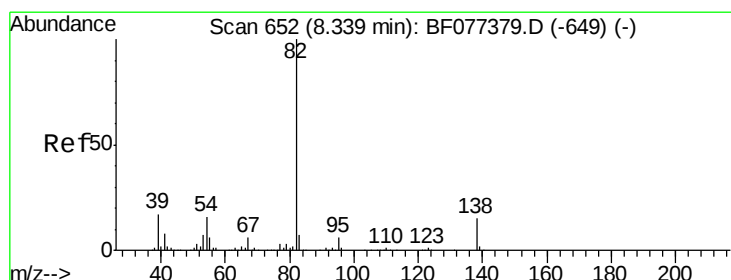
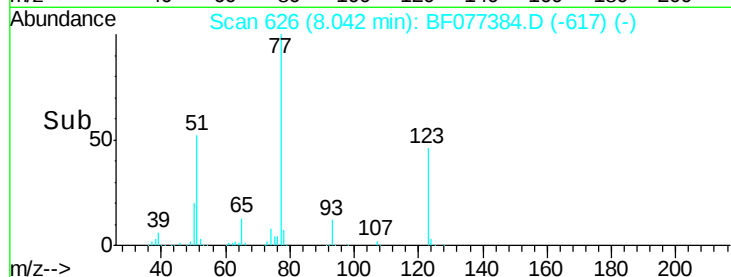
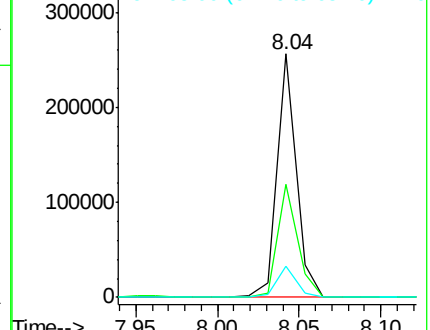
65 13.0 9.5 14.3



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#25

Isophorone

Concen: 34.07 ng

RT: 8.34 min Scan# 652

Delta R.T. 0.00 min

Lab File: BF077384.D

Acq: 20 Feb 2015 16:21

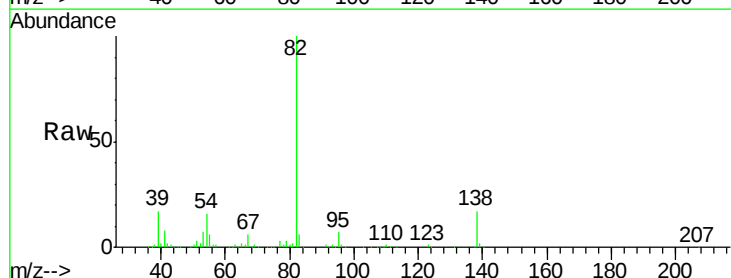
Tgt Ion: 82 Resp: 386341

Ion Ratio Lower Upper

82 100

95 6.5 5.4 8.2

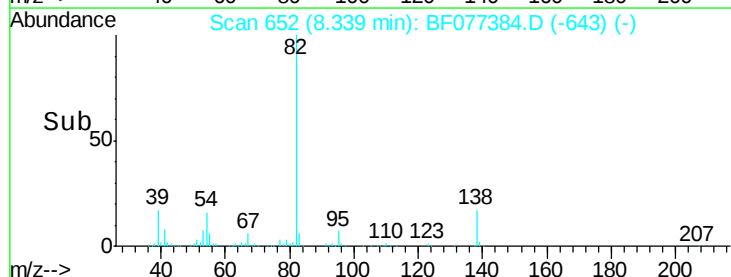
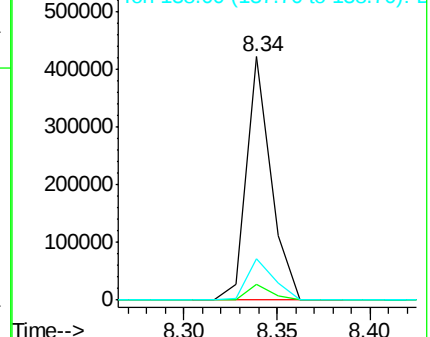
138 17.0 16.3 24.5

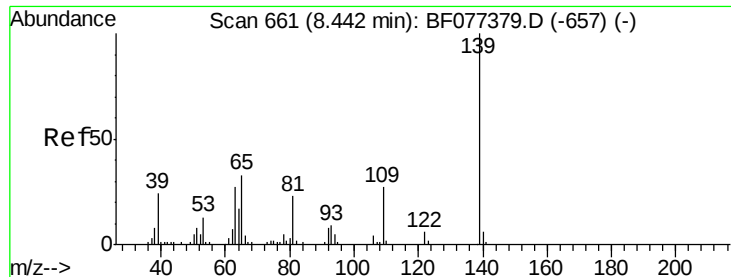


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0





#26

2-Nitrophenol

Concen: 34.96 ng

RT: 8.44 min Scan# 661

Delta R.T. 0.00 min

Lab File: BF077384.D

Acq: 20 Feb 2015 16:21

Instrument :

BNA_F

ClientSampleId :

PB81812BSD

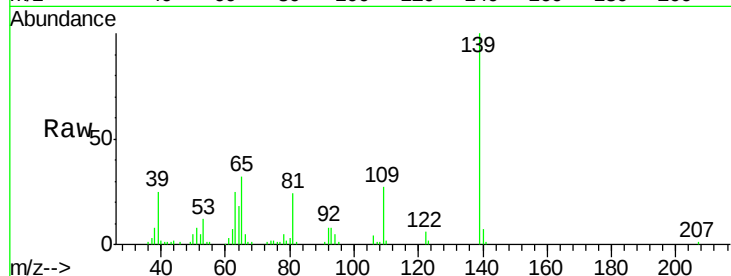
Tgt Ion:139 Resp: 86156

Ion Ratio Lower Upper

139 100

109 26.8 22.6 34.0

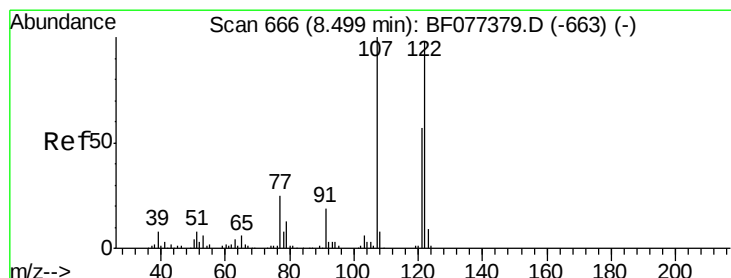
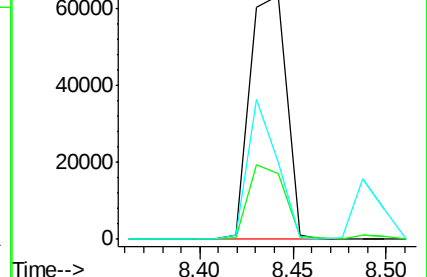
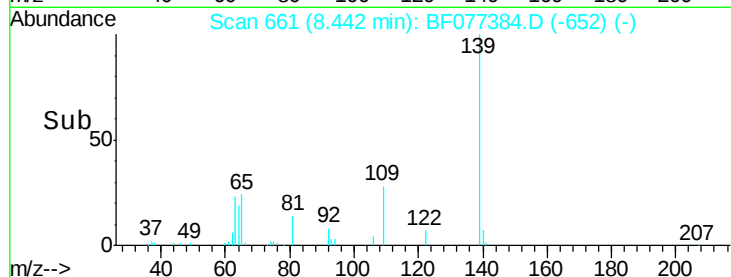
65 31.7 36.4 54.6#



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



#27

2,4-Dimethylphenol

Concen: 34.26 ng

RT: 8.49 min Scan# 665

Delta R.T. -0.01 min

Lab File: BF077384.D

Acq: 20 Feb 2015 16:21

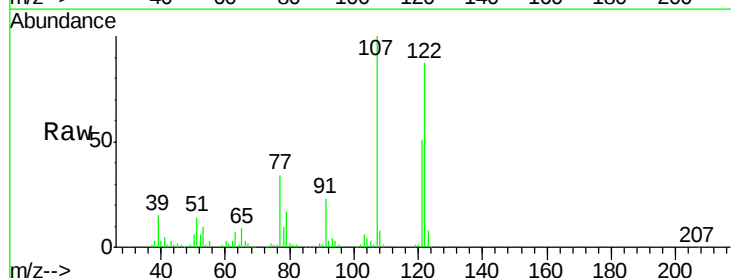
Tgt Ion:122 Resp: 188899

Ion Ratio Lower Upper

122 100

107 114.7 86.6 130.0

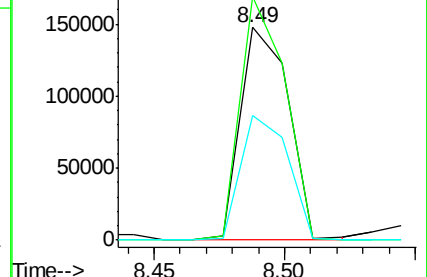
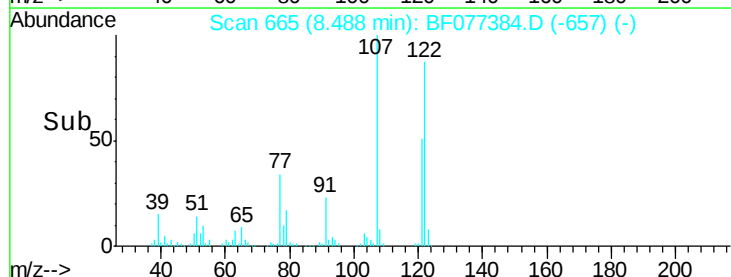
121 58.6 47.4 71.0

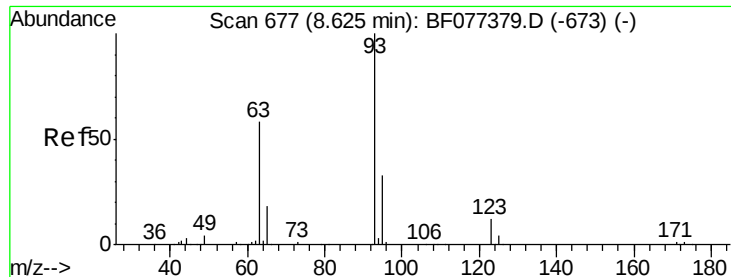


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

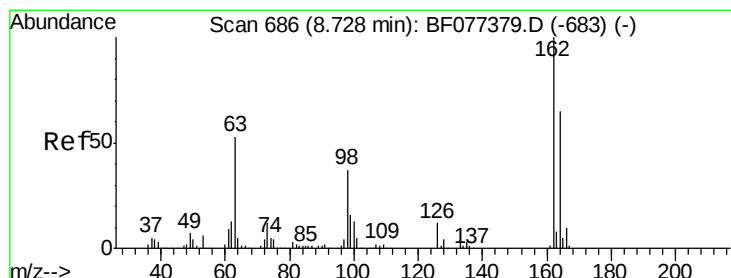
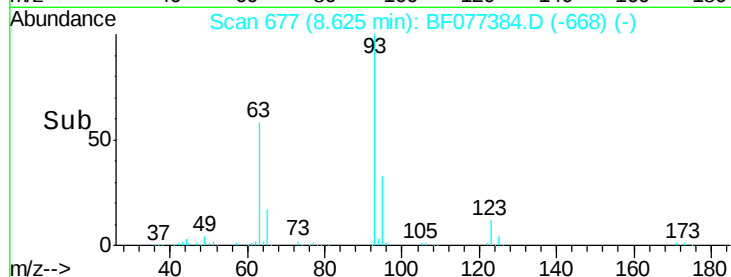
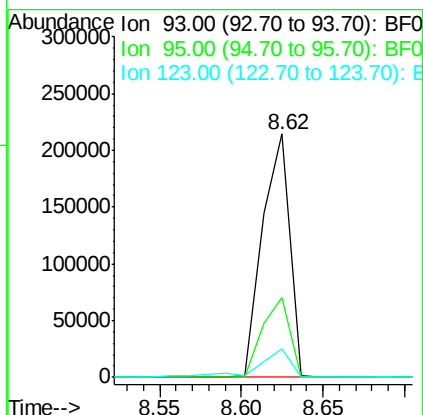
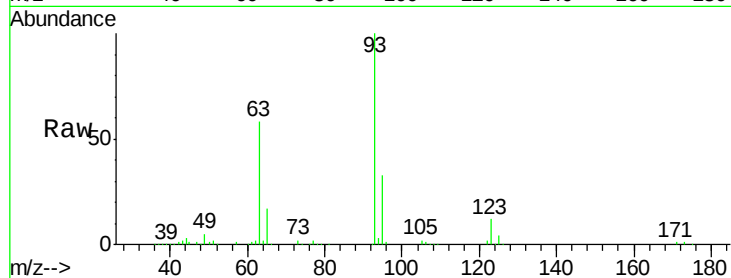




#28
bis(2-Chloroethoxy)methane
Concen: 34.77 ng
RT: 8.62 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF077384.D
Acq: 20 Feb 2015 16:21

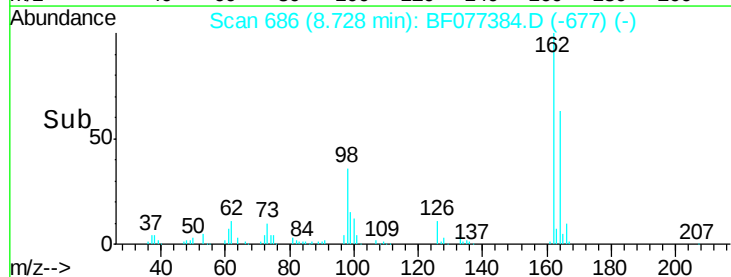
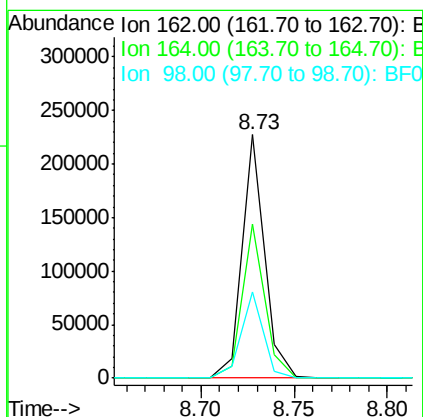
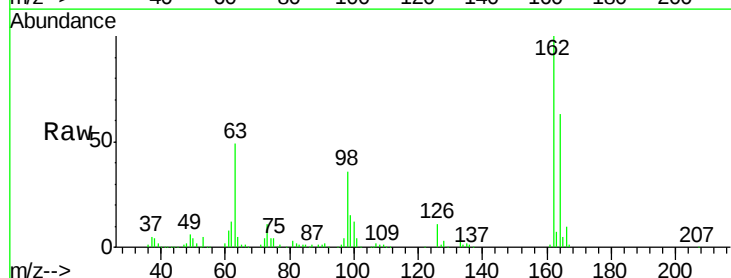
Instrument :
BNA_F
ClientSampleId :
PB81812BSD

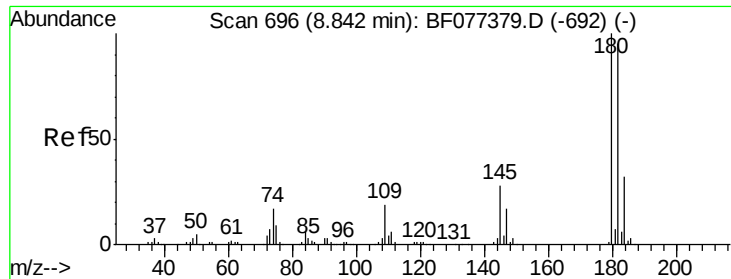
Tgt Ion: 93 Resp: 249065
Ion Ratio Lower Upper
93 100
95 32.8 26.4 39.6
123 12.0 8.7 13.1



#29
2,4-Dichlorophenol
Concen: 36.98 ng
RT: 8.73 min Scan# 686
Delta R.T. 0.00 min
Lab File: BF077384.D
Acq: 20 Feb 2015 16:21

Tgt Ion: 162 Resp: 191395
Ion Ratio Lower Upper
162 100
164 63.3 46.4 86.4
98 35.5 6.9 46.9

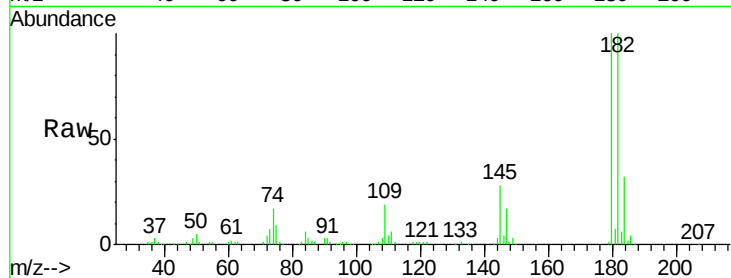




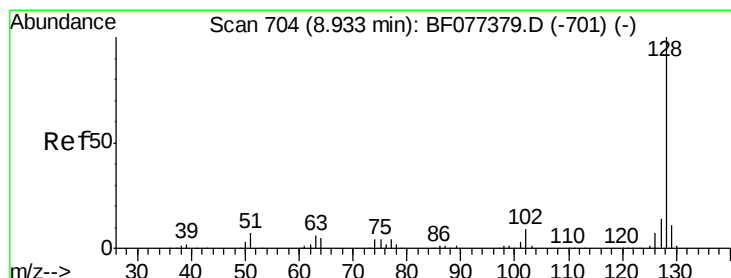
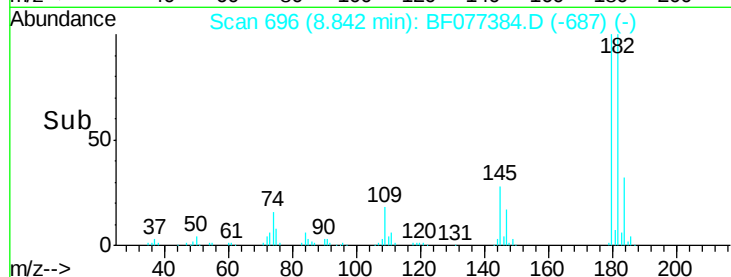
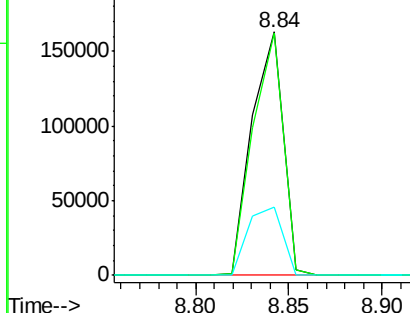
#30
 1,2,4-Trichlorobenzene
 Concen: 33.17 ng
 RT: 8.84 min Scan# 696
 Delta R.T. 0.00 min
 Lab File: BF077384.D
 Acq: 20 Feb 2015 16:21

Instrument :
 BNA_F
 ClientSampleId :
 PB81812BSD

Tgt Ion:180 Resp: 188778
 Ion Ratio Lower Upper
 180 100
 182 99.6 76.2 114.4
 145 28.3 24.5 36.7

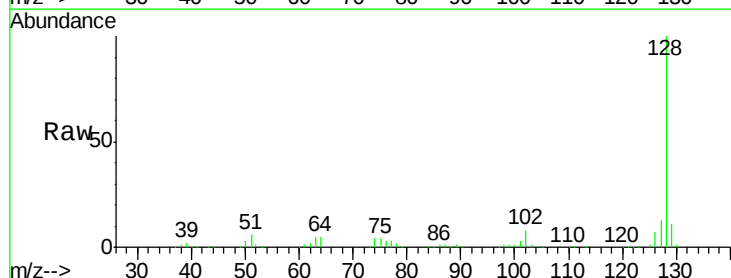


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

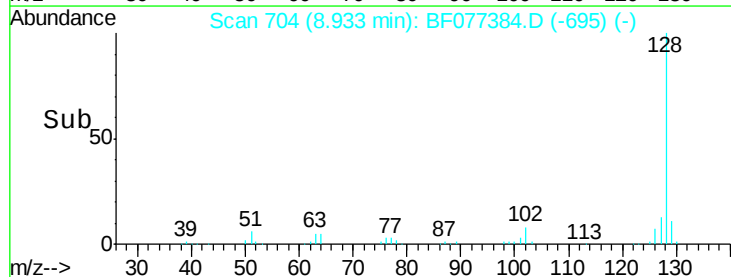
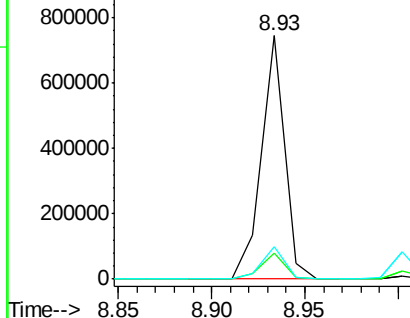


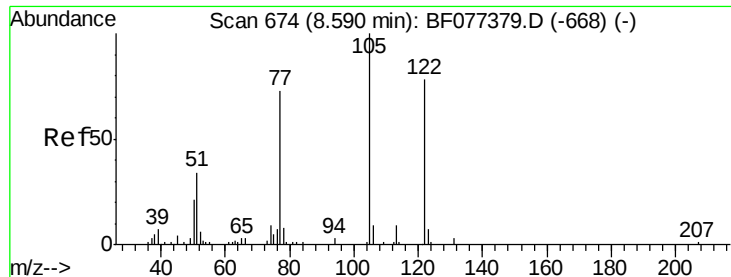
#31
 Naphthalene
 Concen: 35.93 ng
 RT: 8.93 min Scan# 704
 Delta R.T. 0.00 min
 Lab File: BF077384.D
 Acq: 20 Feb 2015 16:21

Tgt Ion:128 Resp: 638593
 Ion Ratio Lower Upper
 128 100
 129 10.8 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





#32

Benzoic acid

Concen: 34.33 ng

RT: 8.59 min Scan# 674

Delta R.T. 0.00 min

Lab File: BF077384.D

Acq: 20 Feb 2015 16:21

Instrument :

BNA_F

ClientSampleId :

PB81812BSD

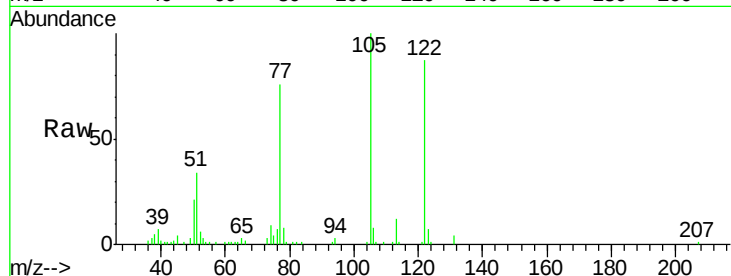
Tgt Ion:122 Resp: 91991

Ion Ratio Lower Upper

122 100

105 115.3 100.3 140.3

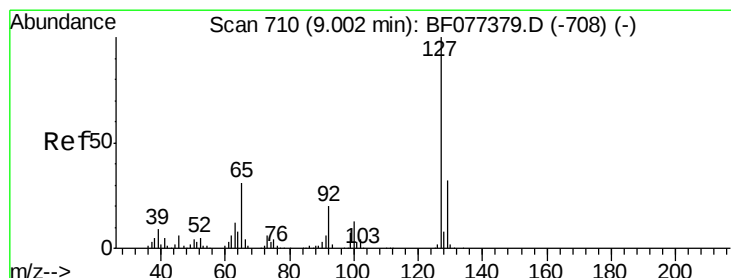
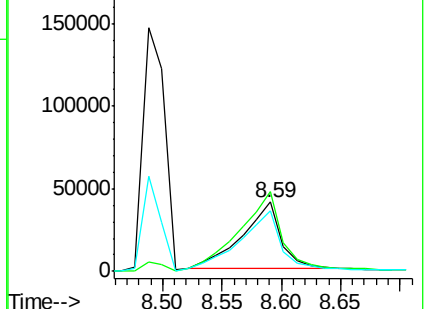
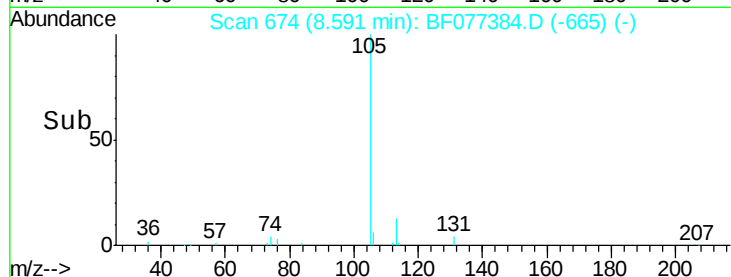
77 88.1 68.7 108.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#33

4-Chloroaniline

Concen: 9.22 ng

RT: 9.00 min Scan# 710

Delta R.T. 0.00 min

Lab File: BF077384.D

Acq: 20 Feb 2015 16:21

Tgt Ion:127 Resp: 72902

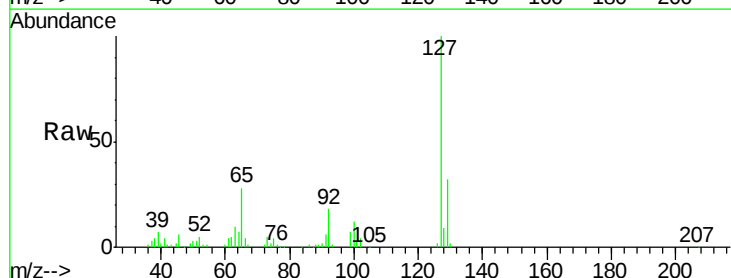
Ion Ratio Lower Upper

127 100

129 31.6 26.9 40.3

65 28.3 16.7 25.1#

92 18.3 12.5 18.7

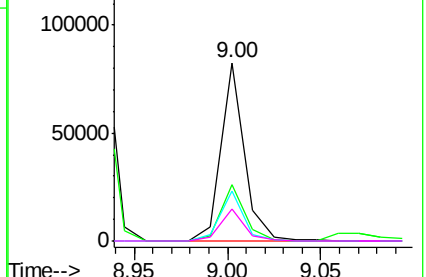
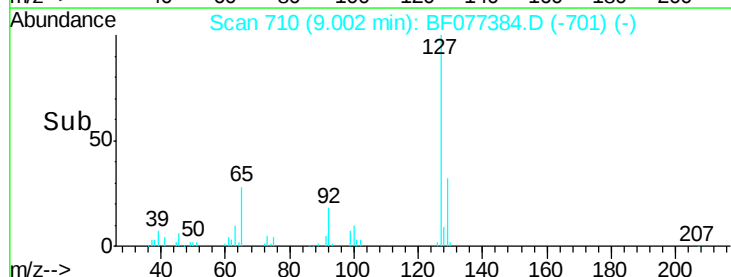


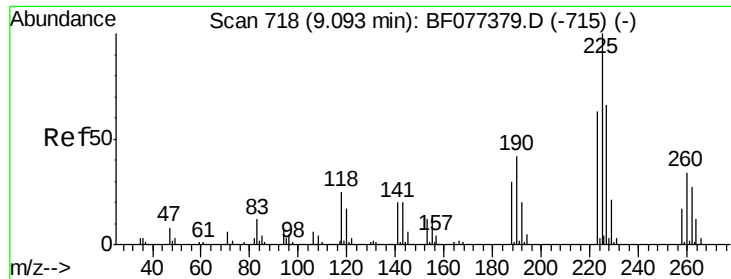
Abundance Ion 127.00 (126.70 to 127.70): E

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

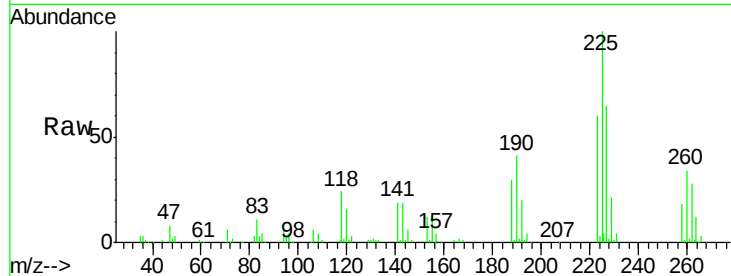




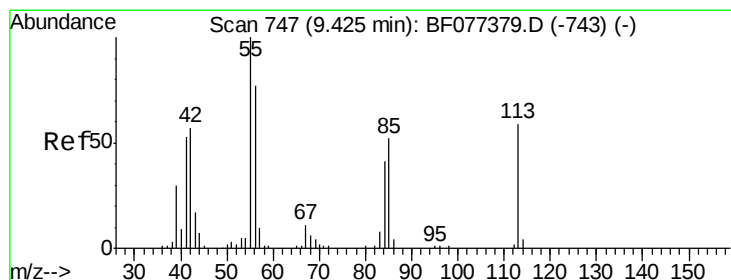
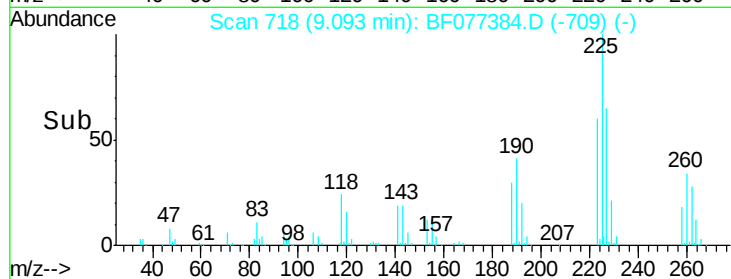
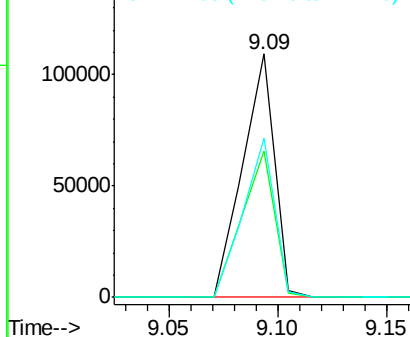
#34
Hexachlorobutadiene
Concen: 34.18 ng
RT: 9.09 min Scan# 718
Delta R.T. 0.00 min
Lab File: BF077384.D
Acq: 20 Feb 2015 16:21

Instrument :
BNA_F
ClientSampleId :
PB81812BSD

Tgt Ion: 225 Resp: 111058
Ion Ratio Lower Upper
225 100
223 60.3 49.5 74.3
227 65.4 50.5 75.7

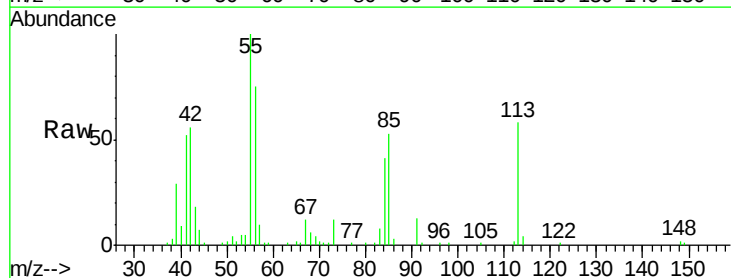


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

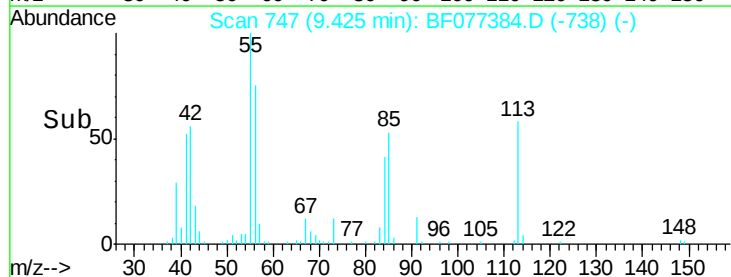
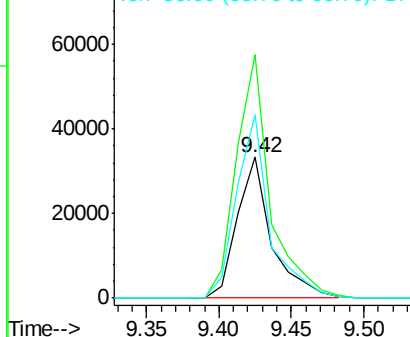


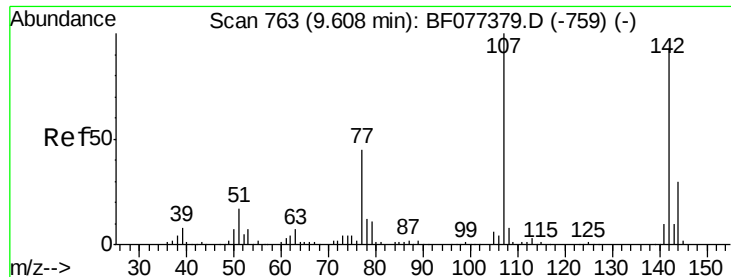
#35
Caprolactam
Concen: 34.56 ng
RT: 9.42 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF077384.D
Acq: 20 Feb 2015 16:21

Tgt Ion: 113 Resp: 54615
Ion Ratio Lower Upper
113 100
55 173.2 154.6 194.6
56 130.6 114.0 154.0



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

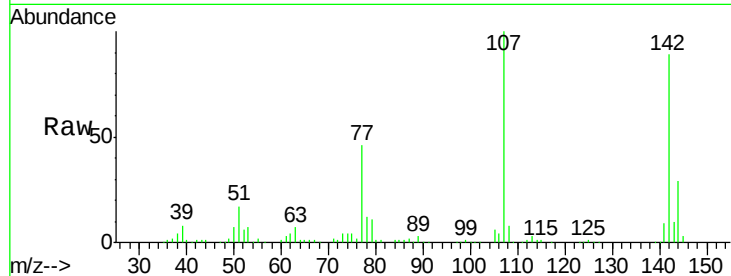




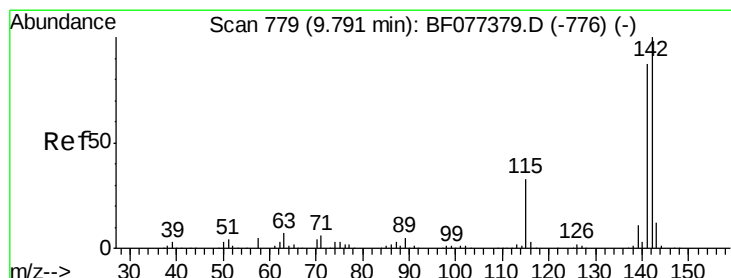
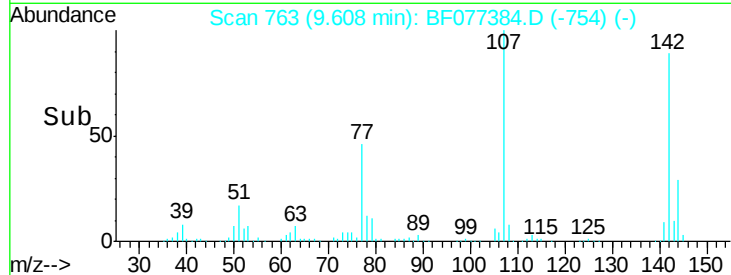
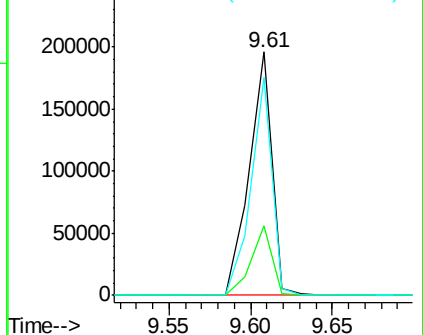
#36
 4-Chloro-3-methylphenol
 Concen: 36.40 ng
 RT: 9.61 min Scan# 763
 Delta R.T. 0.00 min
 Lab File: BF077384.D
 Acq: 20 Feb 2015 16:21

Instrument :
 BNA_F
 ClientSampleId :
 PB81812BSD

Tgt Ion:107 Resp: 189392
 Ion Ratio Lower Upper
 107 100
 144 28.8 21.1 31.7
 142 89.5 65.3 97.9

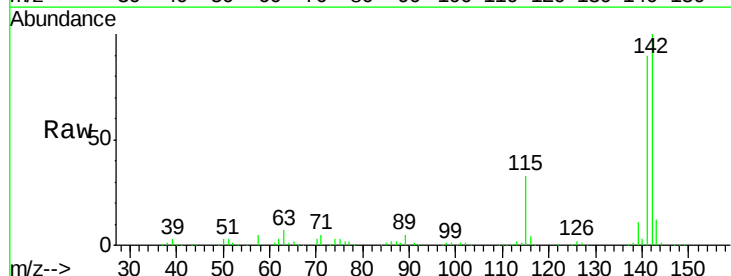


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

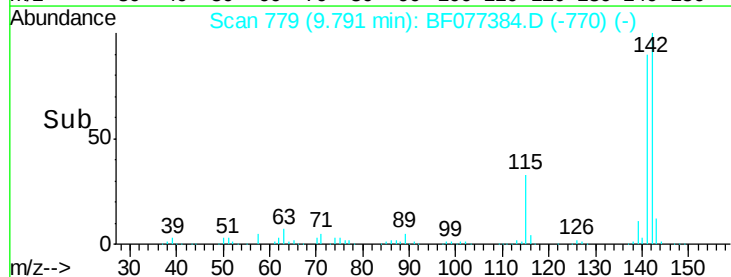
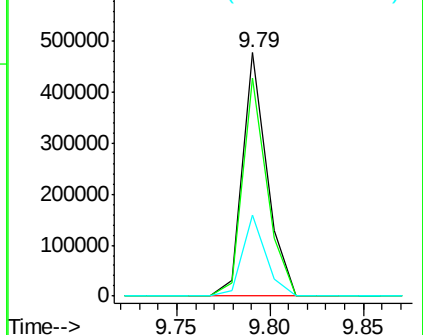


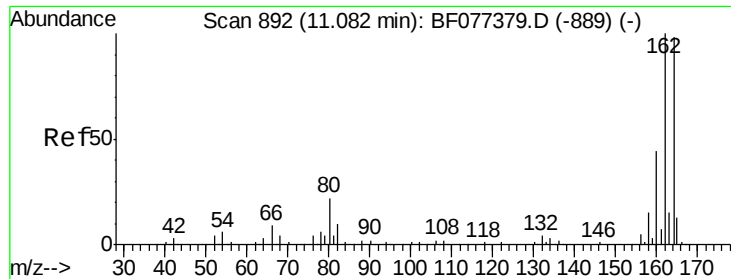
#37
 2-Methylnaphthalene
 Concen: 34.76 ng
 RT: 9.79 min Scan# 779
 Delta R.T. 0.00 min
 Lab File: BF077384.D
 Acq: 20 Feb 2015 16:21

Tgt Ion:142 Resp: 438767
 Ion Ratio Lower Upper
 142 100
 141 89.6 70.7 106.1
 115 33.0 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

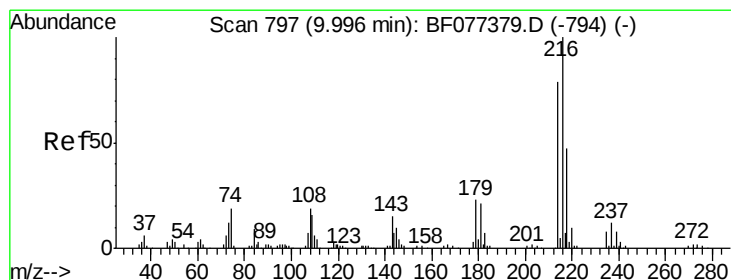
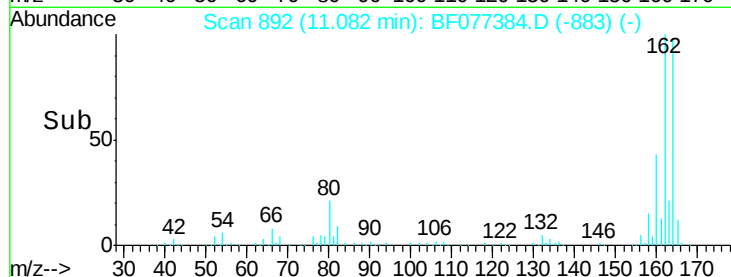
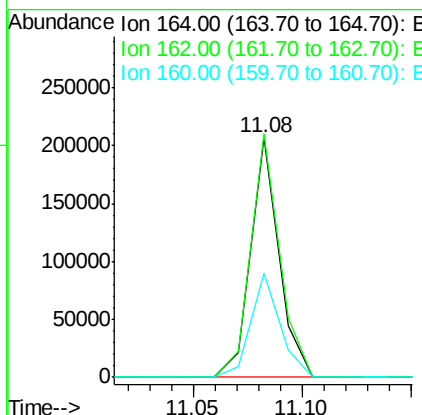
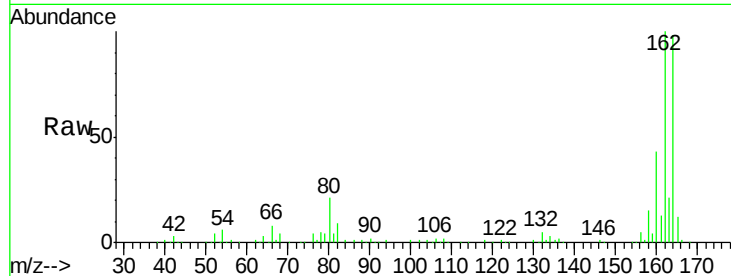




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.08 min Scan# 892
 Delta R.T. 0.00 min
 Lab File: BF077384.D
 Acq: 20 Feb 2015 16:21

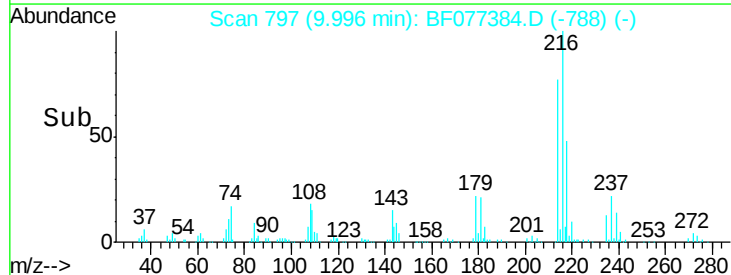
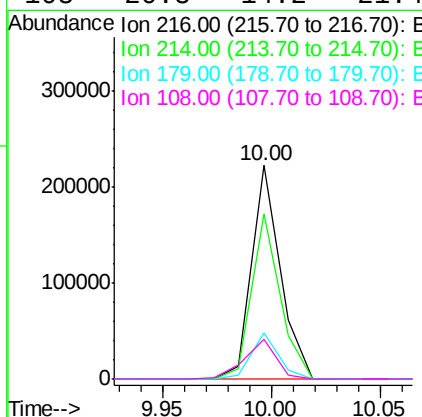
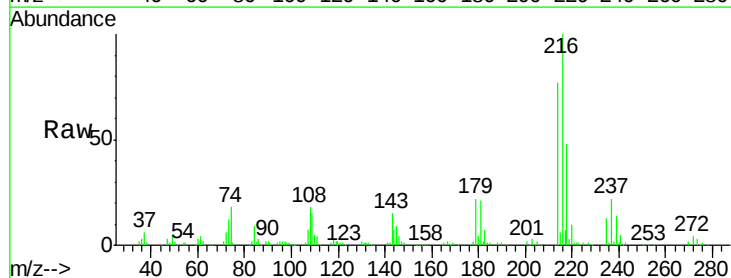
Instrument :
 BNA_F
 ClientSampleId :
 PB81812BSD

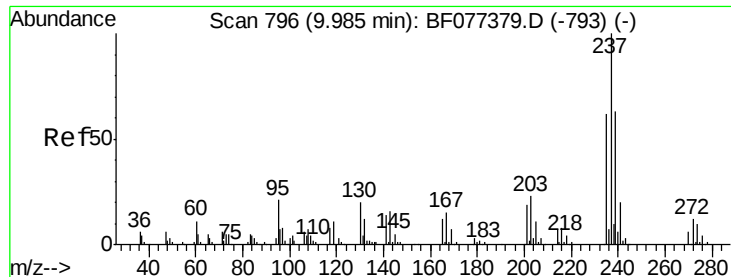
Tgt Ion:164 Resp: 186739
 Ion Ratio Lower Upper
 164 100
 162 101.7 83.2 124.8
 160 43.5 34.6 52.0



#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.90 ng
 RT: 10.00 min Scan# 797
 Delta R.T. 0.00 min
 Lab File: BF077384.D
 Acq: 20 Feb 2015 16:21

Tgt Ion:216 Resp: 203092
 Ion Ratio Lower Upper
 216 100
 214 76.8 63.4 95.0
 179 20.9 16.6 25.0
 108 20.8 14.2 21.4





#40

Hexachlorocyclopentadiene

Concen: 77.21 ng

RT: 9.98 min Scan# 796

Delta R.T. 0.00 min

Lab File: BF077384.D

Acq: 20 Feb 2015 16:21

Instrument :

BNA_F

ClientSampleId :

PB81812BSD

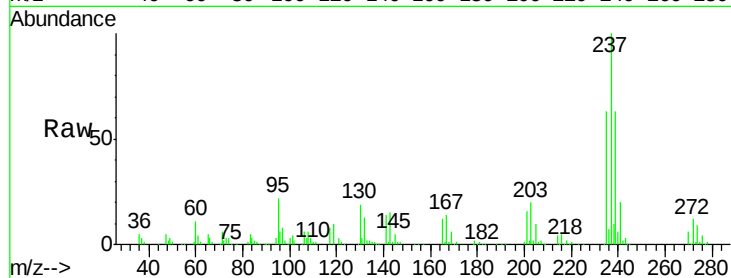
Tgt Ion:237 Resp: 221844

Ion Ratio Lower Upper

237 100

235 62.7 41.0 81.0

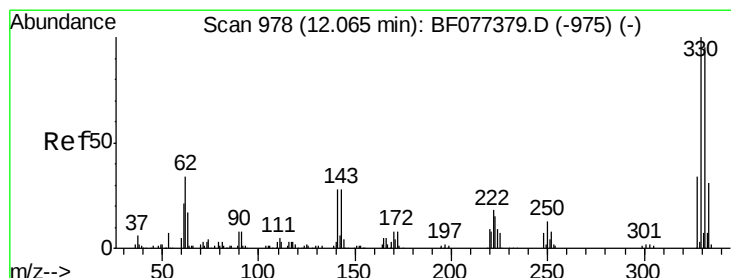
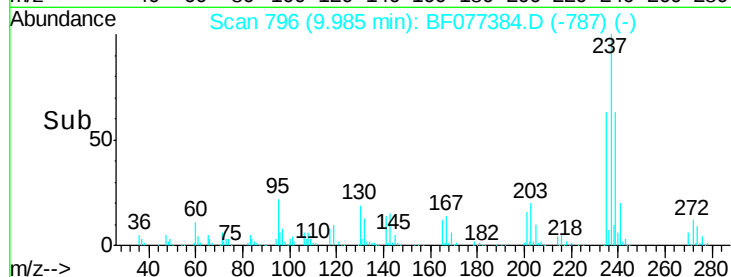
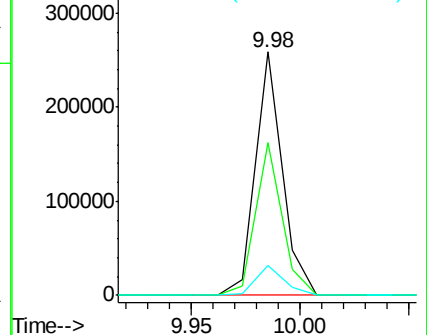
272 12.3 0.0 34.3



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#41

2,4,6-Tribromophenol

Concen: 94.37 ng

RT: 12.07 min Scan# 978

Delta R.T. 0.00 min

Lab File: BF077384.D

Acq: 20 Feb 2015 16:21

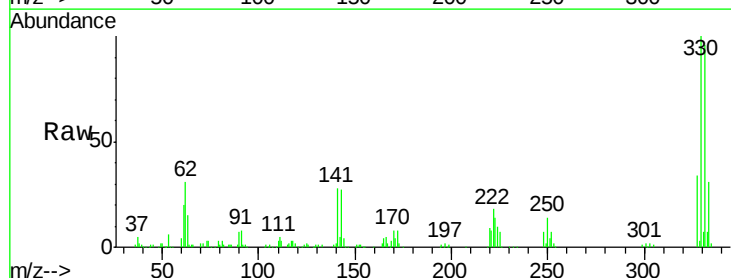
Tgt Ion:330 Resp: 169685

Ion Ratio Lower Upper

330 100

332 96.1 77.4 116.2

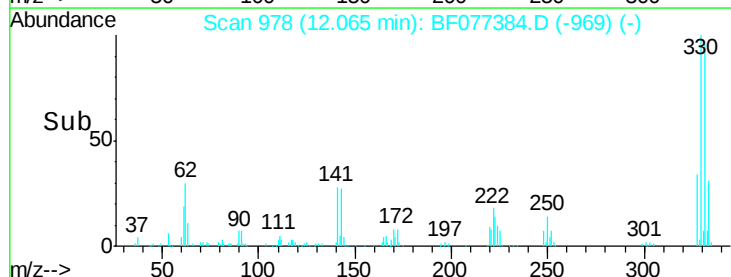
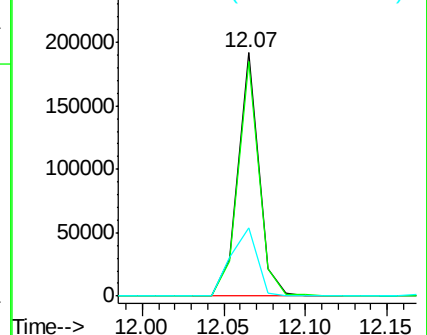
141 35.3 28.8 43.2

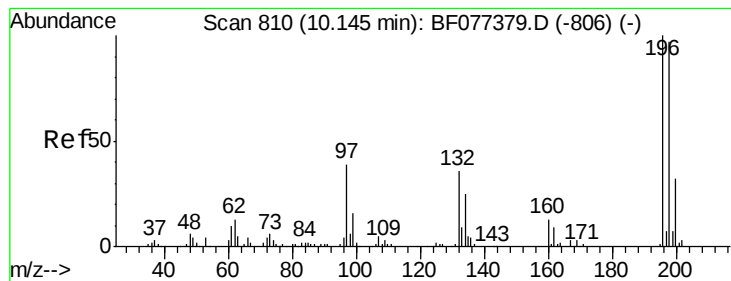


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#42

2,4,6-Trichlorophenol

Concen: 37.70 ng

RT: 10.15 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF077384.D

Acq: 20 Feb 2015 16:21

Instrument :

BNA_F

ClientSampleId :

PB81812BSD

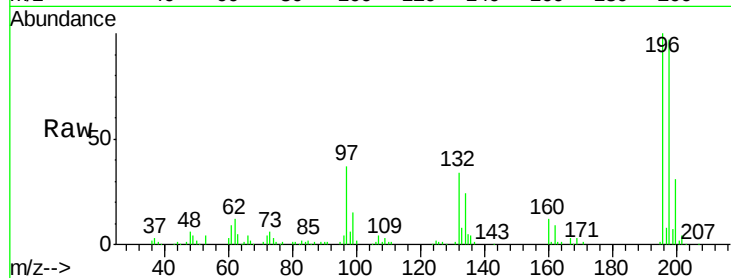
Tgt Ion:196 Resp: 133756

Ion Ratio Lower Upper

196 100

198 97.4 75.8 113.8

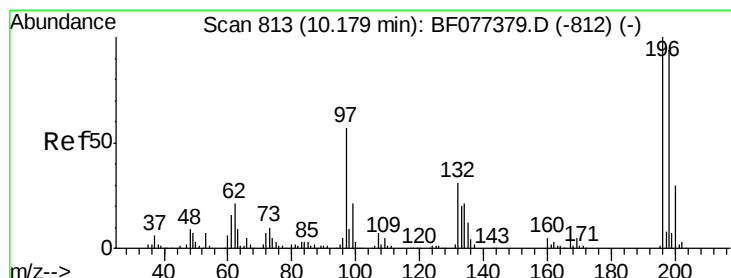
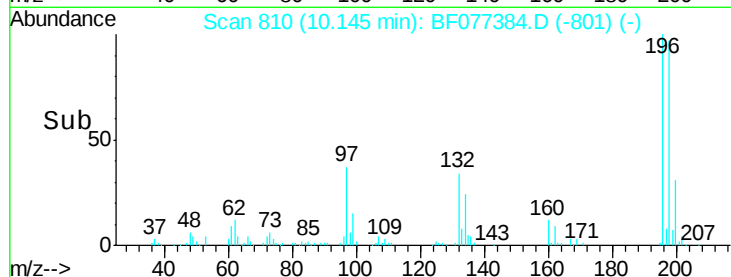
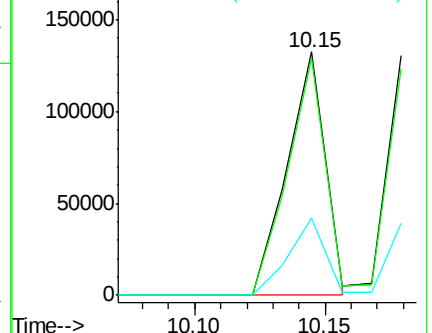
200 31.5 24.2 36.4



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: 37.39 ng

RT: 10.18 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF077384.D

Acq: 20 Feb 2015 16:21

Tgt Ion:196 Resp: 141880

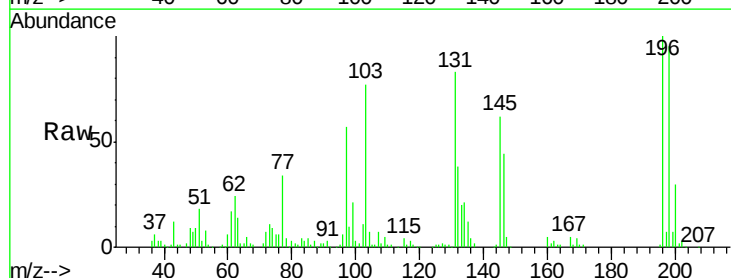
Ion Ratio Lower Upper

196 100

198 94.6 77.2 115.8

97 56.6 27.7 41.5#

132 37.6 18.0 27.0#

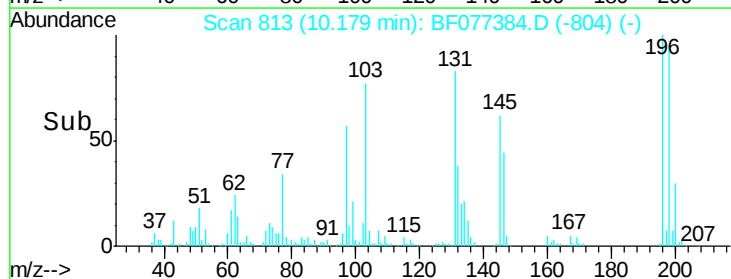
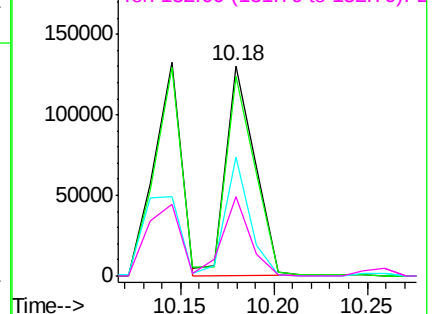


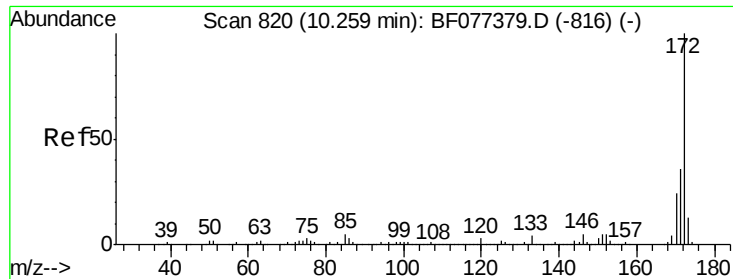
Abundance Ion 196.00 (195.70 to 196.70): E

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

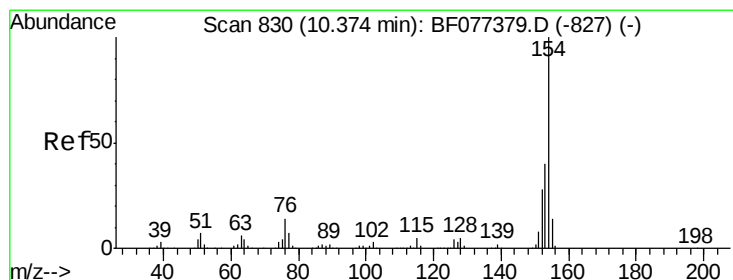
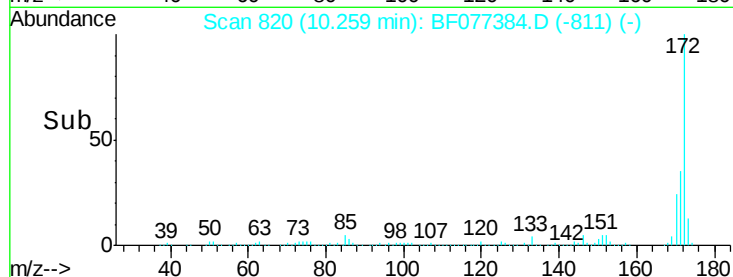
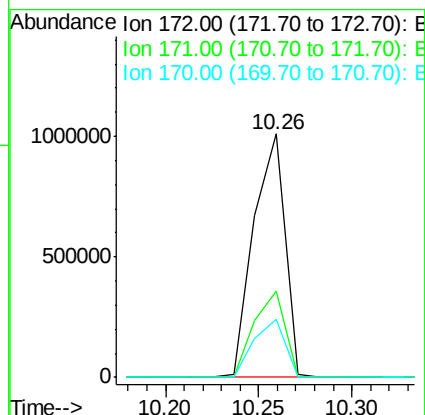
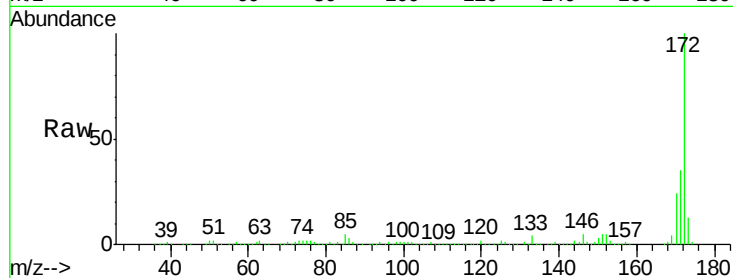




#44
 2-Fluorobiphenyl
 Concen: 97.48 ng
 RT: 10.26 min Scan# 820
 Delta R.T. 0.00 min
 Lab File: BF077384.D
 Acq: 20 Feb 2015 16:21

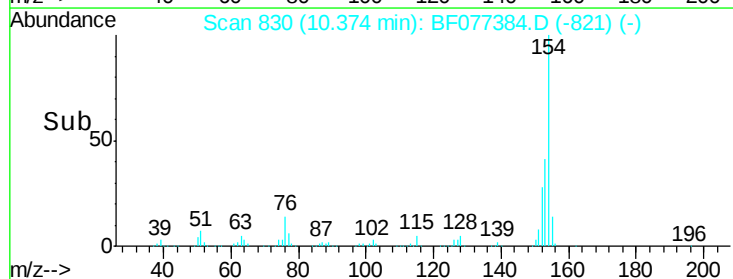
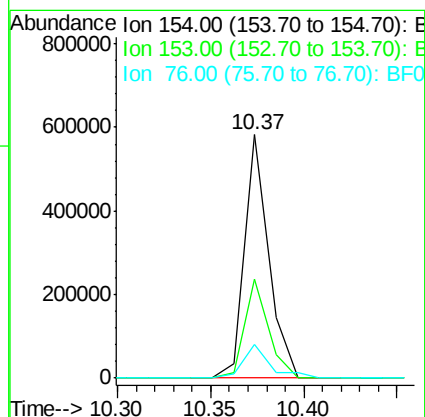
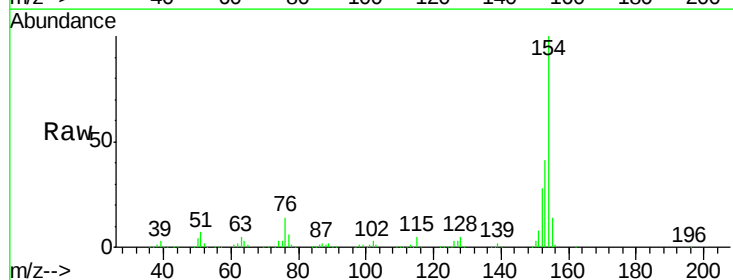
Instrument :
 BNA_F
 ClientSampleId :
 PB81812BSD

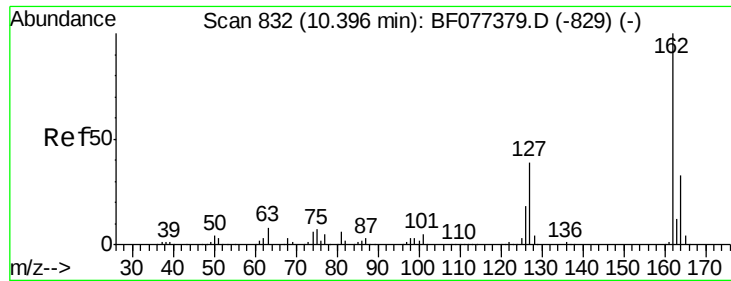
Tgt Ion:172 Resp: 1167428
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.9 43.3
 170 23.8 19.4 29.2



#45
 1,1'-Biphenyl
 Concen: 37.03 ng
 RT: 10.37 min Scan# 830
 Delta R.T. 0.00 min
 Lab File: BF077384.D
 Acq: 20 Feb 2015 16:21

Tgt Ion:154 Resp: 523934
 Ion Ratio Lower Upper
 154 100
 153 40.6 20.2 60.2
 76 13.8 0.0 29.4

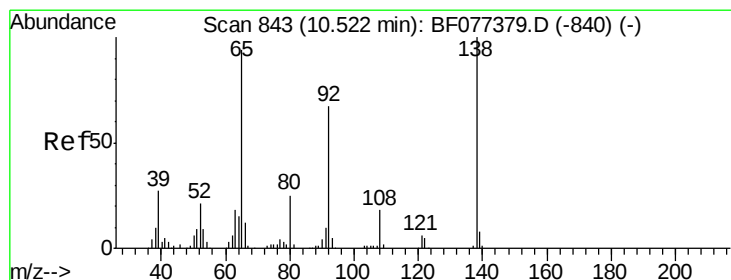
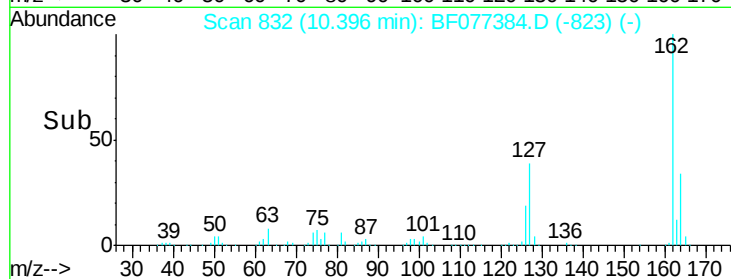
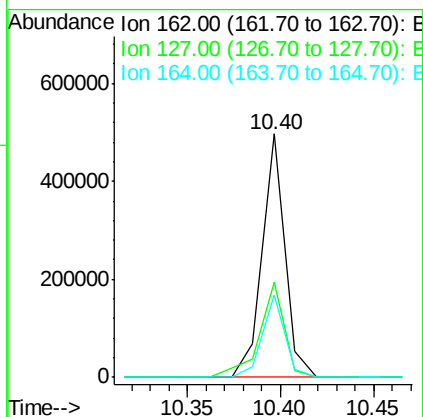
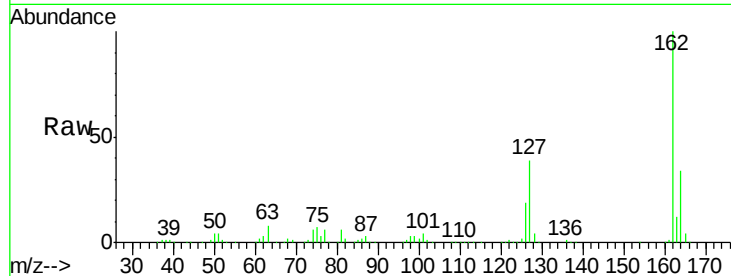




#46
 2-Chloronaphthalene
 Concen: 38.37 ng
 RT: 10.40 min Scan# 832
 Delta R.T. 0.00 min
 Lab File: BF077384.D
 Acq: 20 Feb 2015 16:21

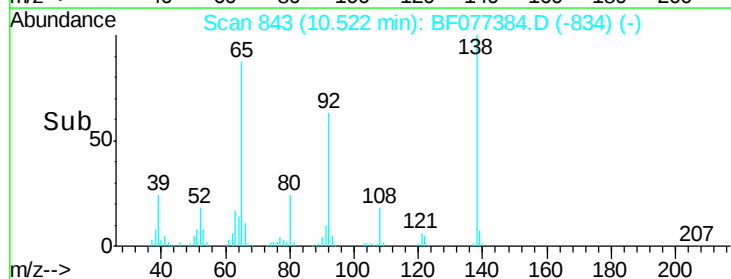
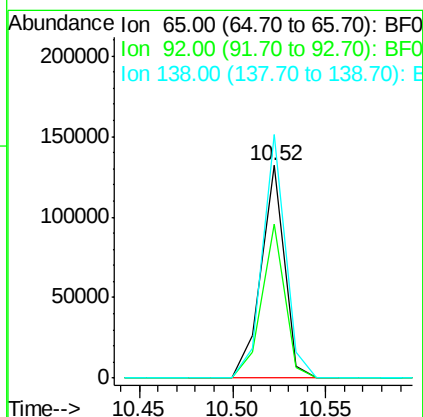
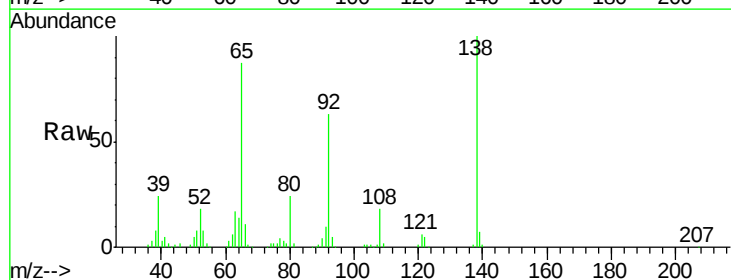
Instrument :
 BNA_F
 ClientSampleId :
 PB81812BSD

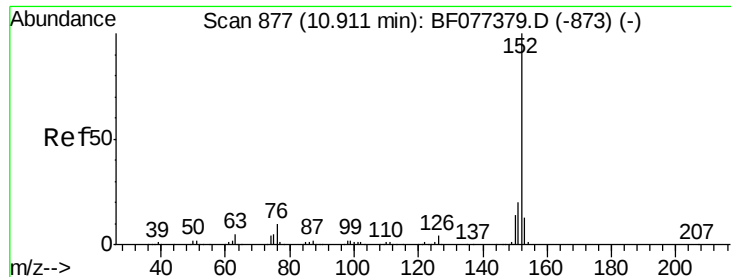
Tgt Ion: 162 Resp: 425783
 Ion Ratio Lower Upper
 162 100
 127 39.2 33.3 49.9
 164 33.7 26.2 39.4



#47
 2-Nitroaniline
 Concen: 41.68 ng
 RT: 10.52 min Scan# 843
 Delta R.T. 0.00 min
 Lab File: BF077384.D
 Acq: 20 Feb 2015 16:21

Tgt Ion: 65 Resp: 113847
 Ion Ratio Lower Upper
 65 100
 92 72.7 52.4 78.6
 138 114.5 73.4 110.0#





#48

Acenaphthylene

Concen: 39.58 ng

RT: 10.91 min Scan# 877

Delta R.T. 0.00 min

Lab File: BF077384.D

Acq: 20 Feb 2015 16:21

Instrument :

BNA_F

ClientSampleId :

PB81812BSD

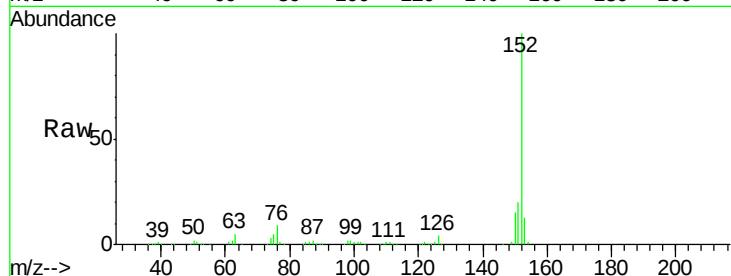
Tgt Ion:152 Resp: 695185

Ion Ratio Lower Upper

152 100

151 20.5 16.1 24.1

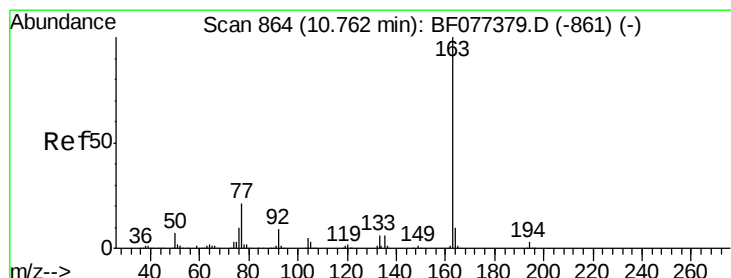
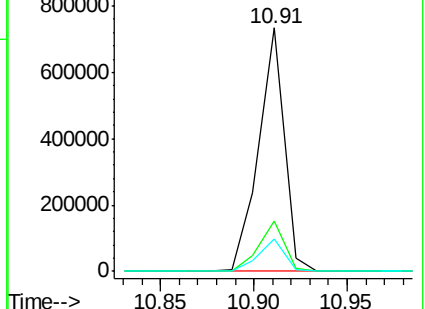
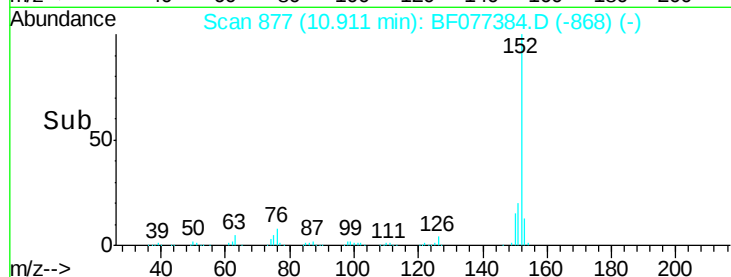
153 13.3 10.9 16.3



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: 38.30 ng

RT: 10.76 min Scan# 864

Delta R.T. 0.00 min

Lab File: BF077384.D

Acq: 20 Feb 2015 16:21

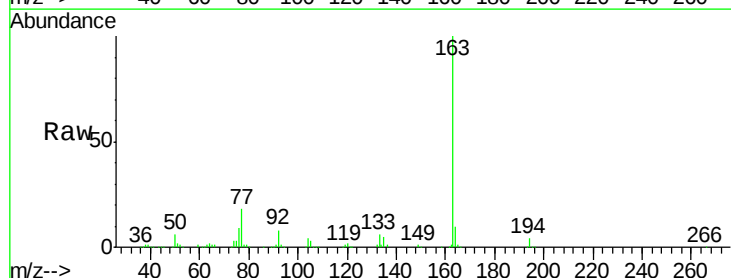
Tgt Ion:163 Resp: 502719

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

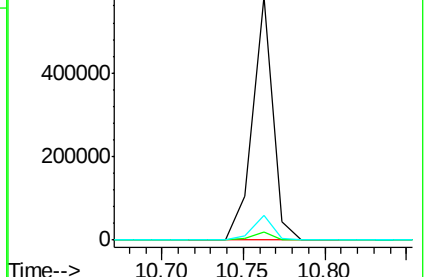
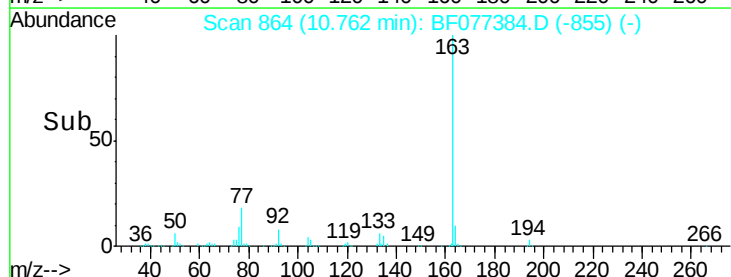
164 10.0 8.6 13.0

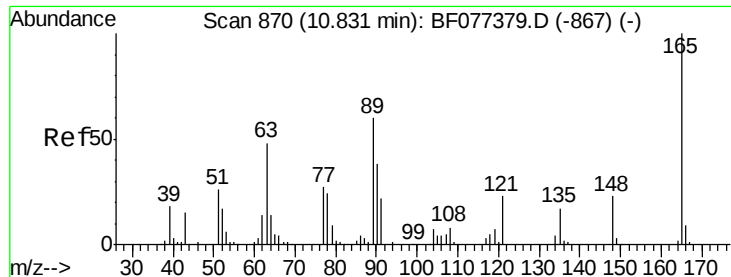


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

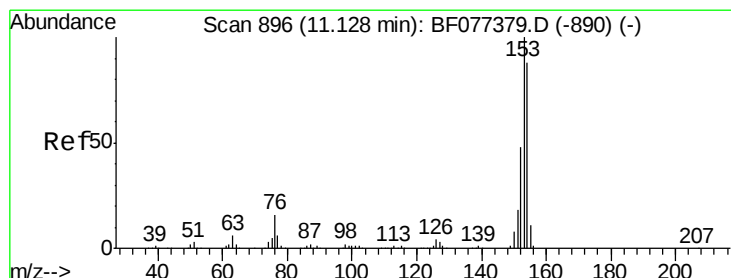
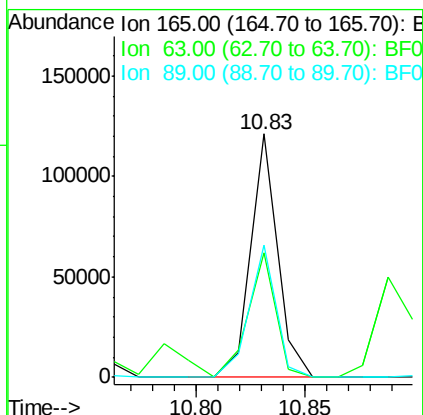
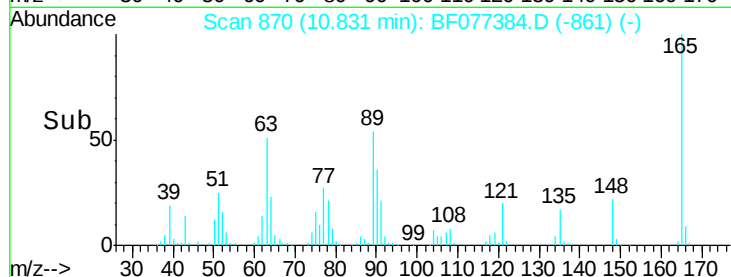
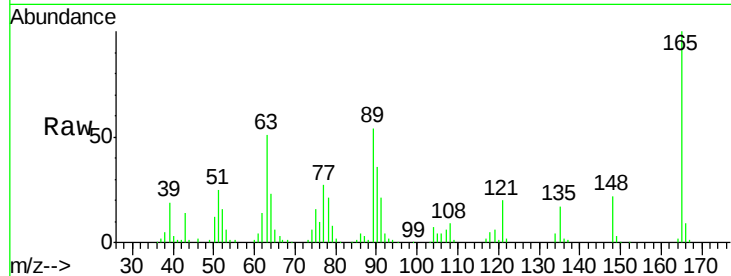




#50
 2,6-Dinitrotoluene
 Concen: 39.64 ng
 RT: 10.83 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: BF077384.D
 Acq: 20 Feb 2015 16:21

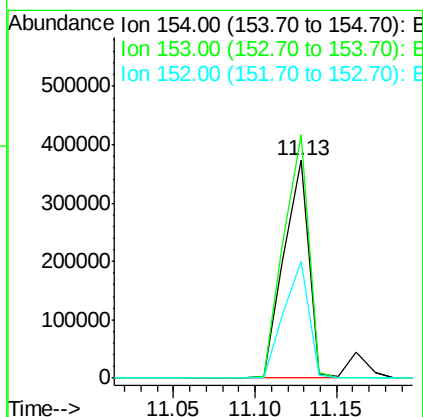
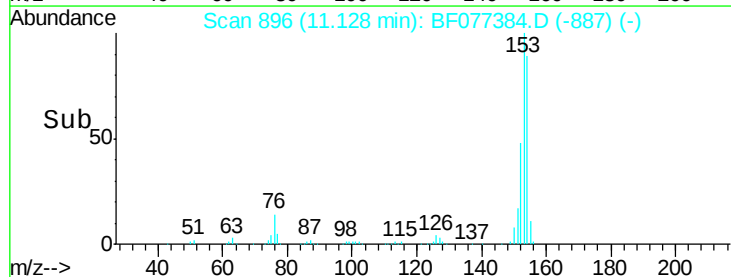
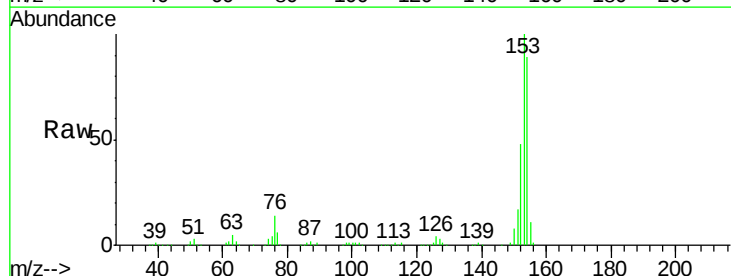
Instrument :
 BNA_F
 ClientSampleId :
 PB81812BSD

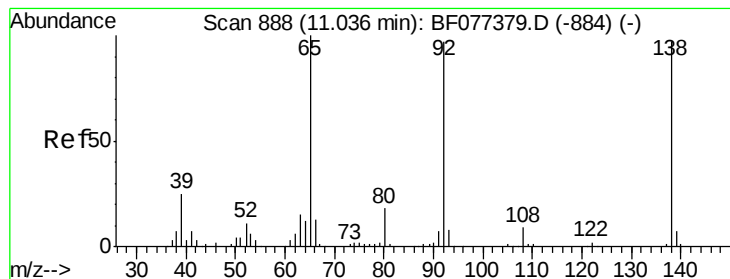
Tgt Ion	Ratio	Lower	Upper
165	100		
63	51.4	25.2	37.8#
89	54.2	30.5	45.7#



#51
 Acenaphthene
 Concen: 38.27 ng
 RT: 11.13 min Scan# 896
 Delta R.T. 0.00 min
 Lab File: BF077384.D
 Acq: 20 Feb 2015 16:21

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.8	90.5	135.7
152	53.6	43.5	65.3





#52

3-Nitroaniline

Concen: 14.63 ng

RT: 11.03 min Scan# 887

Delta R.T. -0.01 min

Lab File: BF077384.D

Acq: 20 Feb 2015 16:21

Instrument :

BNA_F

ClientSampleId :

PB81812BSD

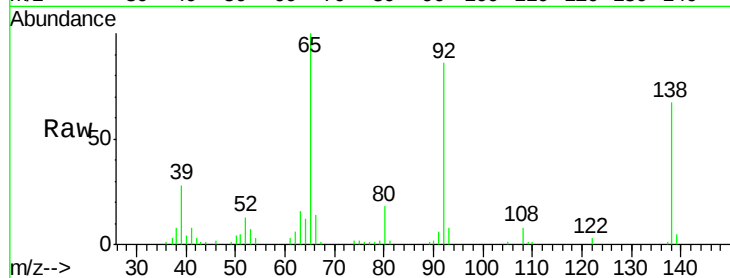
Tgt Ion:138 Resp: 44389

Ion Ratio Lower Upper

138 100

108 12.5 7.8 11.8#

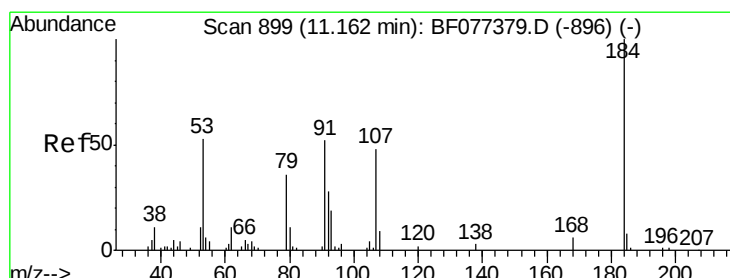
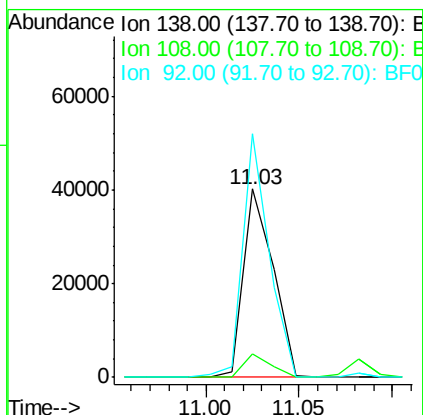
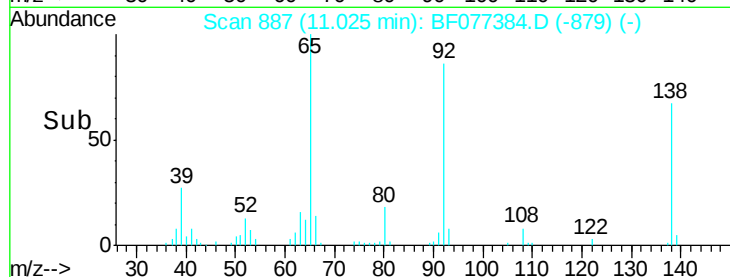
92 129.3 90.6 135.8



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): E



#53

2,4-Dinitrophenol

Concen: 80.96 ng

RT: 11.16 min Scan# 899

Delta R.T. 0.00 min

Lab File: BF077384.D

Acq: 20 Feb 2015 16:21

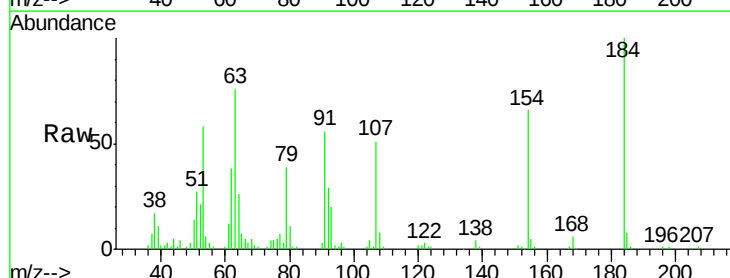
Tgt Ion:184 Resp: 64846

Ion Ratio Lower Upper

184 100

63 76.4 29.5 44.3#

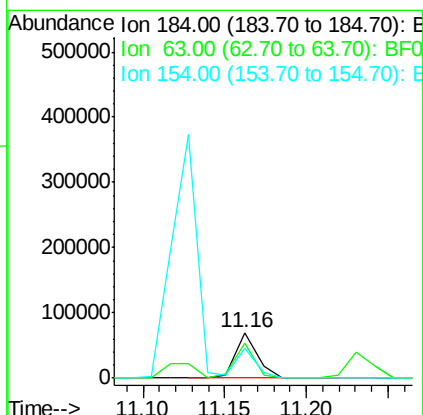
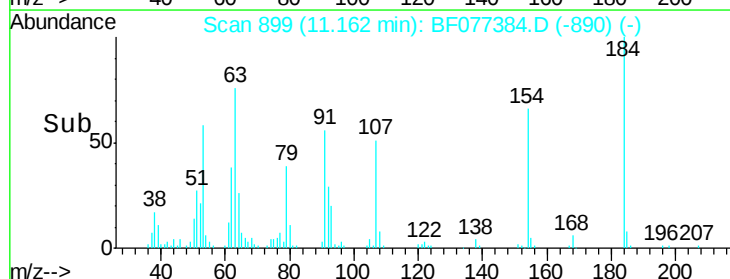
154 65.7 43.2 64.8#

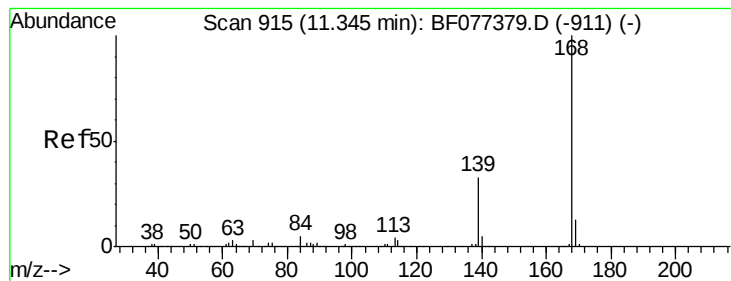


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 37.84 ng

RT: 11.35 min Scan# 915

Delta R.T. 0.00 min

Lab File: BF077384.D

Acq: 20 Feb 2015 16:21

Instrument :

BNA_F

ClientSampleId :

PB81812BSD

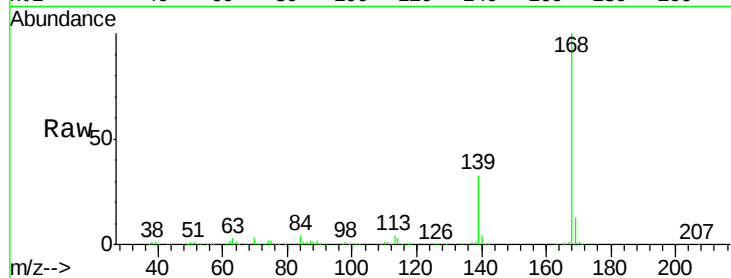
Tgt Ion:168 Resp: 612442

Ion Ratio Lower Upper

168 100

139 32.5 29.3 43.9

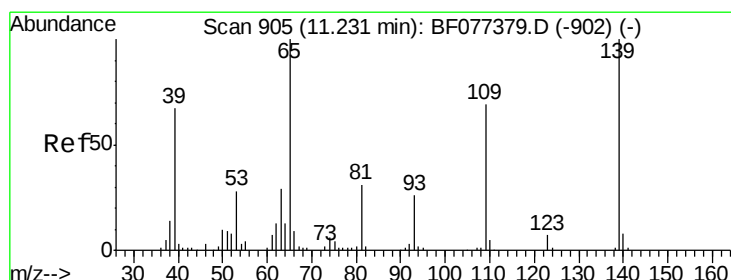
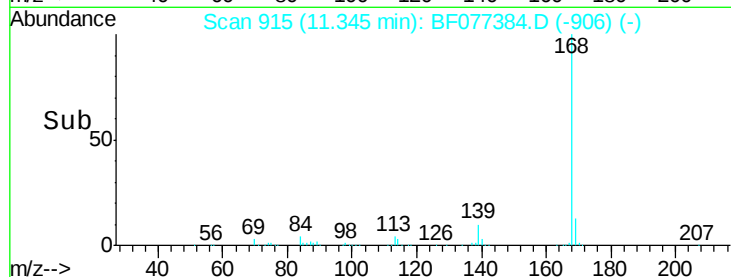
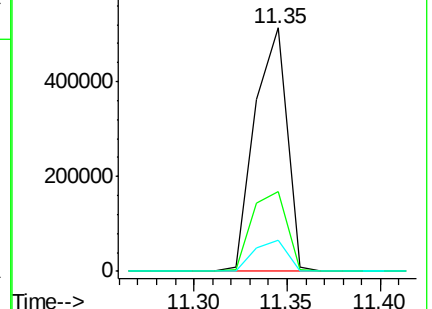
169 13.0 10.9 16.3



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: 70.10 ng

RT: 11.23 min Scan# 905

Delta R.T. 0.00 min

Lab File: BF077384.D

Acq: 20 Feb 2015 16:21

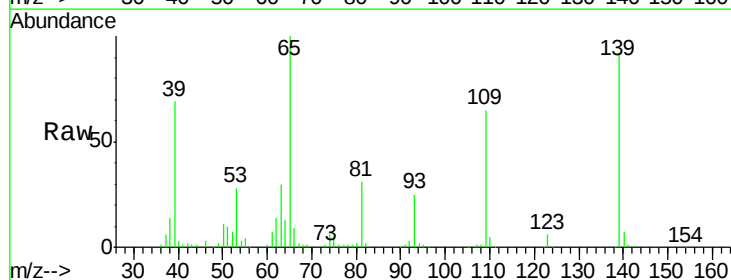
Tgt Ion:139 Resp: 171126

Ion Ratio Lower Upper

139 100

109 70.7 36.2 76.2

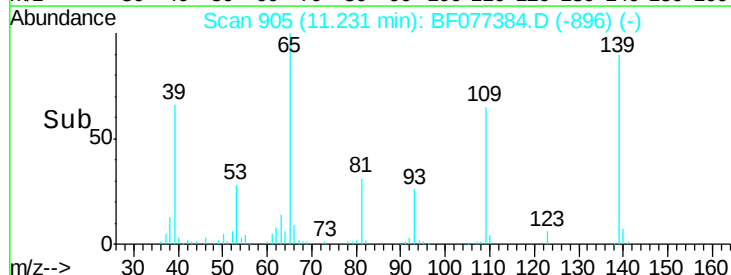
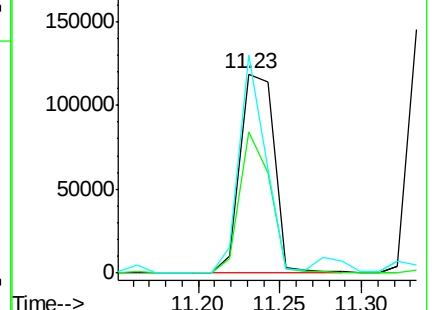
65 109.2 40.3 80.3#

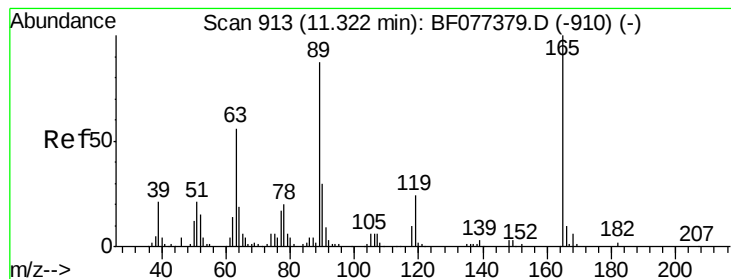


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#56

2,4-Dinitrotoluene

Concen: 38.43 ng

RT: 11.32 min Scan# 913

Delta R.T. 0.00 min

Lab File: BF077384.D

Acq: 20 Feb 2015 16:21

Instrument :

BNA_F

ClientSampleId :

PB81812BSD

Tgt Ion:165 Resp: 136680

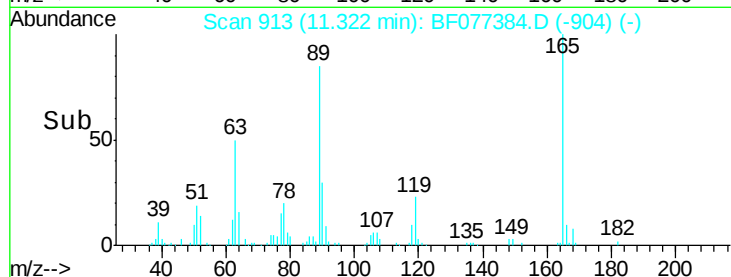
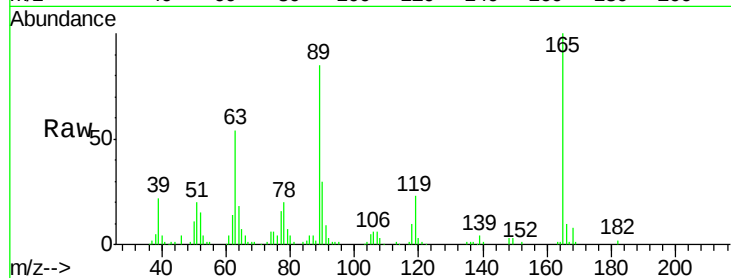
Ion Ratio Lower Upper

165 100

63 53.9 29.8 44.8#

89 85.1 48.5 72.7#

182 2.3 1.9 2.9

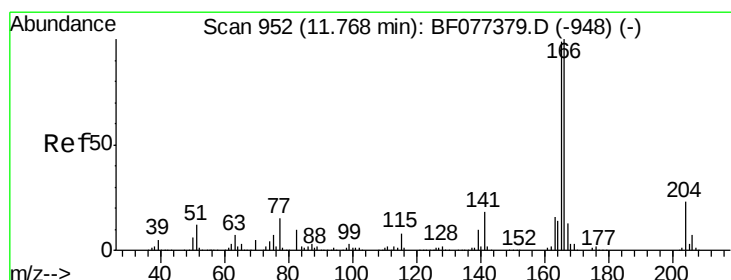
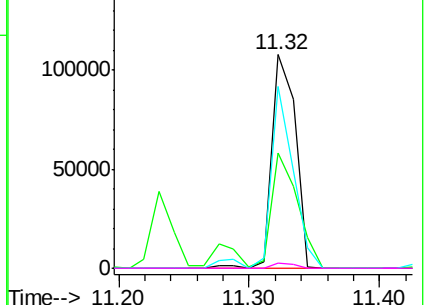


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 37.37 ng

RT: 11.77 min Scan# 952

Delta R.T. 0.00 min

Lab File: BF077384.D

Acq: 20 Feb 2015 16:21

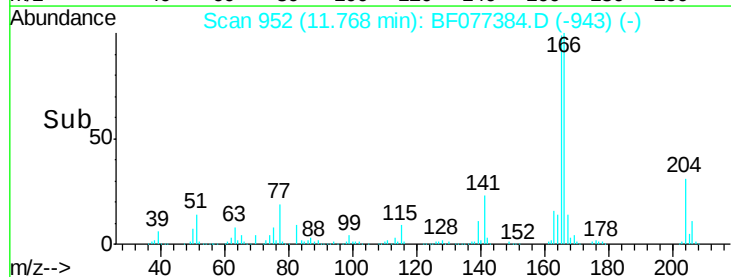
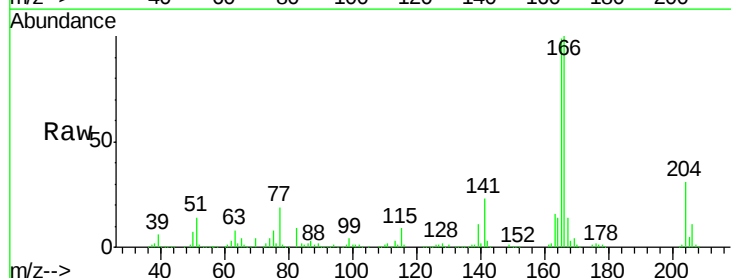
Tgt Ion:166 Resp: 483475

Ion Ratio Lower Upper

166 100

165 99.0 77.6 116.4

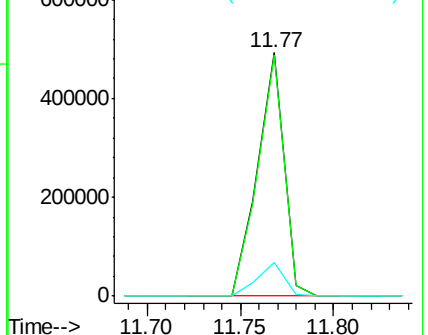
167 13.9 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

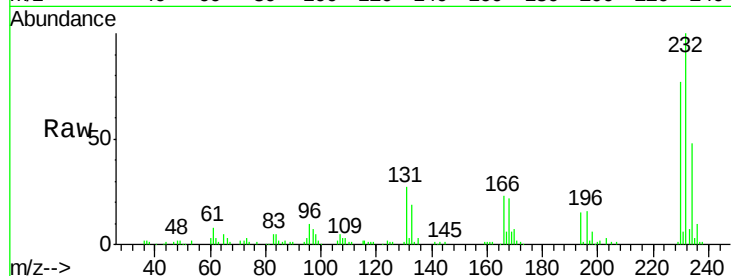




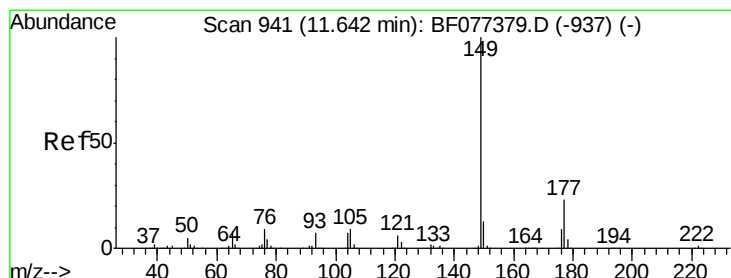
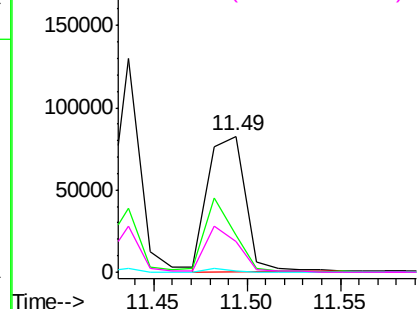
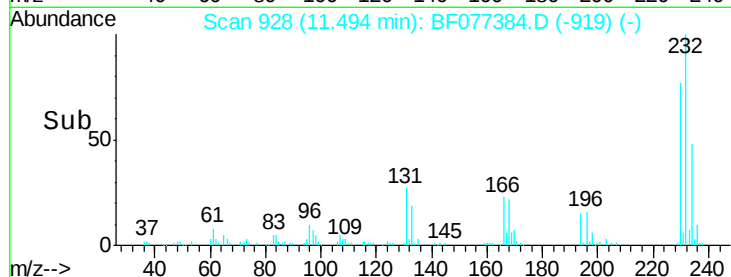
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 37.79 ng
 RT: 11.49 min Scan# 928
 Delta R.T. 0.00 min
 Lab File: BF077384.D
 Acq: 20 Feb 2015 16:21

Instrument :
 BNA_F
 ClientSampleId :
 PB81812BSD

Tgt Ion	Ratio	Lower	Upper
232	100		
131	43.0	34.2	51.2
130	2.0	1.8	2.6
166	30.5	24.3	36.5

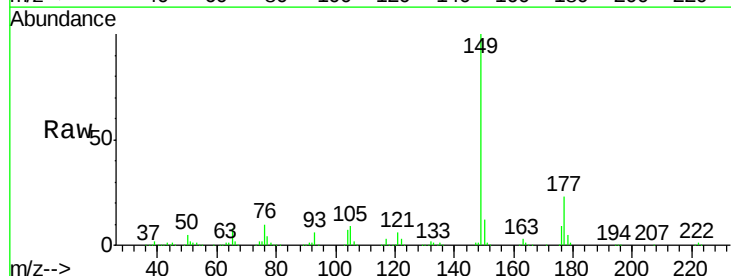


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

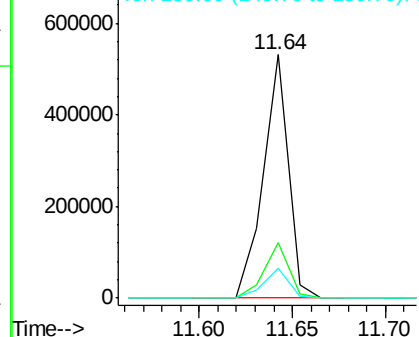
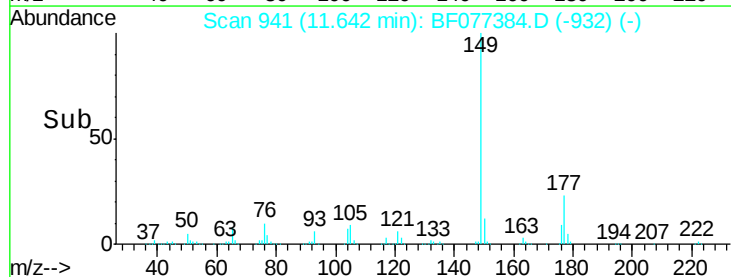


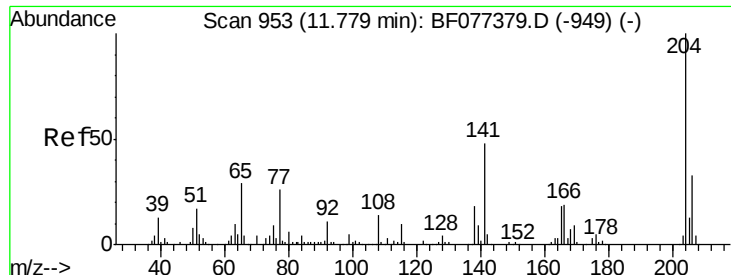
#59
 Diethylphthalate
 Concen: 37.94 ng
 RT: 11.64 min Scan# 941
 Delta R.T. 0.00 min
 Lab File: BF077384.D
 Acq: 20 Feb 2015 16:21

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.0	17.2	25.8
150	12.2	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

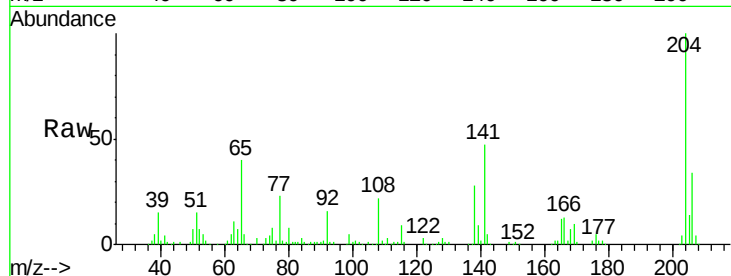




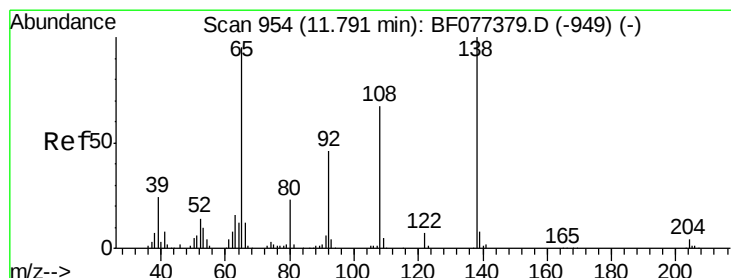
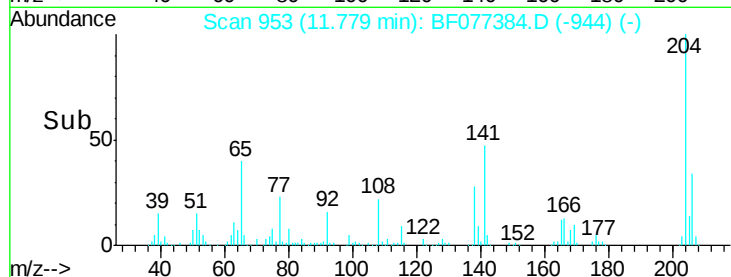
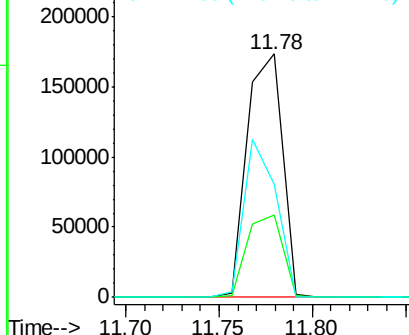
#60
 4-Chlorophenyl-phenylether
 Concen: 36.58 ng
 RT: 11.78 min Scan# 953
 Delta R.T. 0.00 min
 Lab File: BF077384.D
 Acq: 20 Feb 2015 16:21

Instrument :
 BNA_F
 ClientSampleId :
 PB81812BSD

Tgt Ion:204 Resp: 228056
 Ion Ratio Lower Upper
 204 100
 206 33.7 25.9 38.9
 141 46.7 43.6 65.4

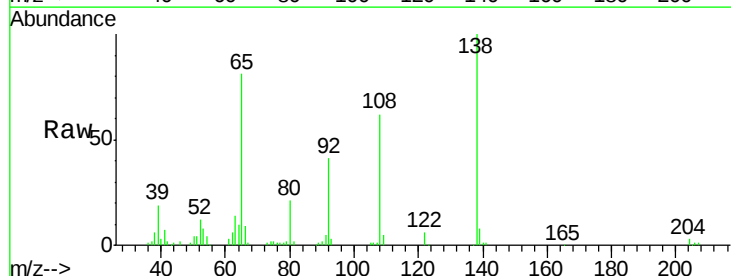


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

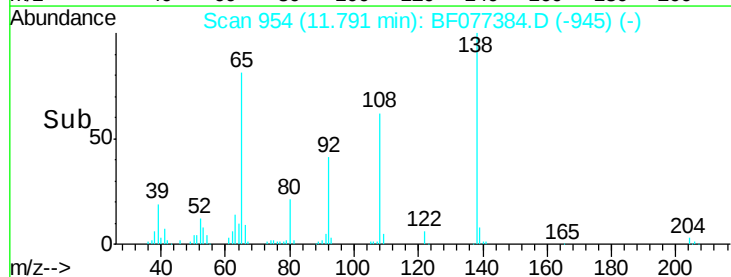
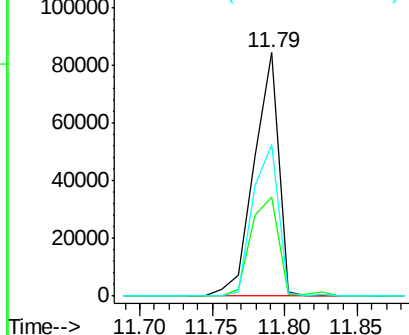


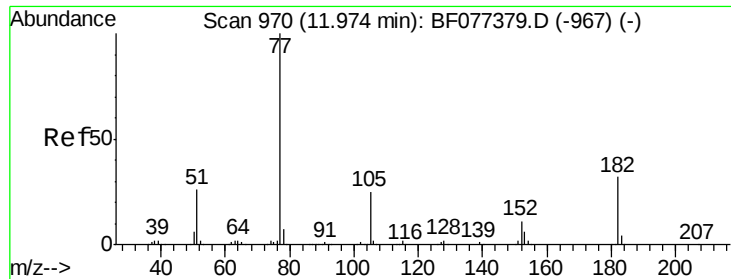
#61
 4-Nitroaniline
 Concen: 33.99 ng
 RT: 11.79 min Scan# 954
 Delta R.T. 0.00 min
 Lab File: BF077384.D
 Acq: 20 Feb 2015 16:21

Tgt Ion:138 Resp: 98865
 Ion Ratio Lower Upper
 138 100
 92 40.9 32.8 72.8
 108 62.1 52.1 92.1



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





#62

Azobenzene

Concen: 37.09 ng

RT: 11.97 min Scan# 970

Delta R.T. 0.00 min

Lab File: BF077384.D

Acq: 20 Feb 2015 16:21

Instrument :

BNA_F

ClientSampleId :

PB81812BSD

Tgt Ion: 77 Resp: 455397

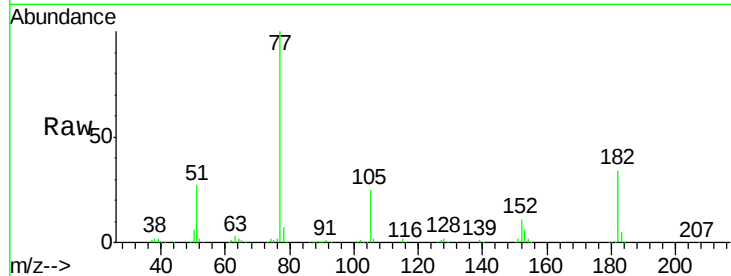
Ion Ratio Lower Upper

77 100

182 34.4 4.9 44.9

105 25.0 3.3 43.3

51 26.5 8.9 48.9

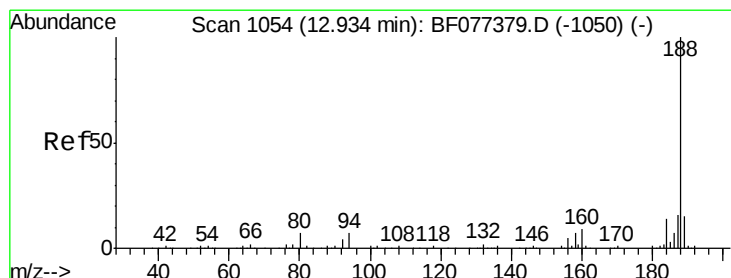
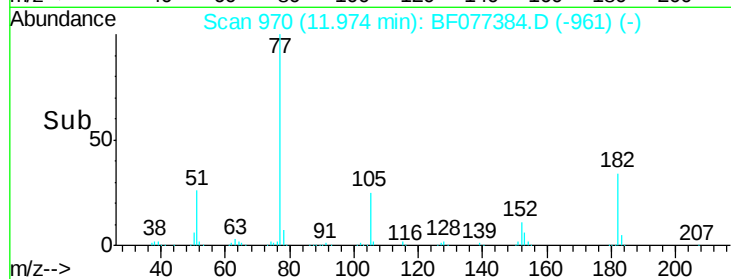
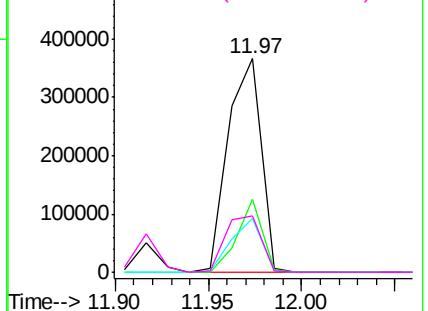


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 12.93 min Scan# 1054

Delta R.T. 0.00 min

Lab File: BF077384.D

Acq: 20 Feb 2015 16:21

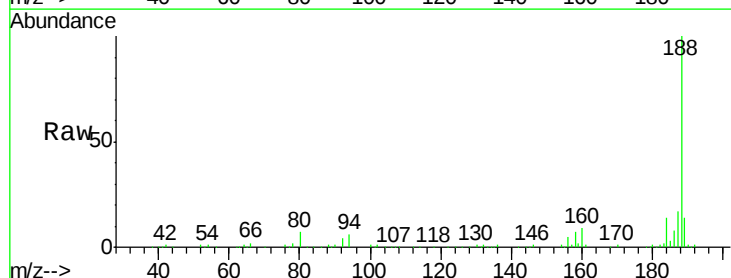
Tgt Ion: 188 Resp: 347989

Ion Ratio Lower Upper

188 100

94 6.5 7.4 11.2#

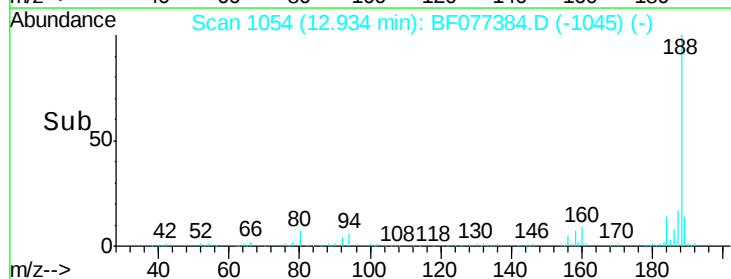
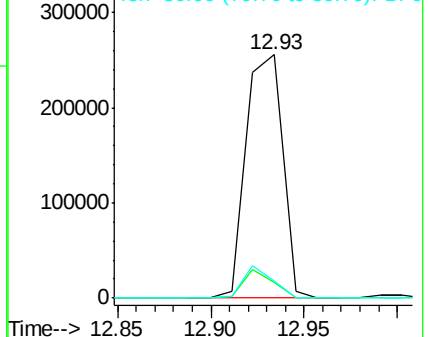
80 6.8 8.0 12.0#

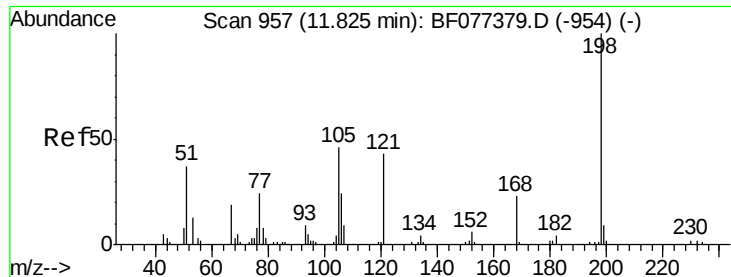


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

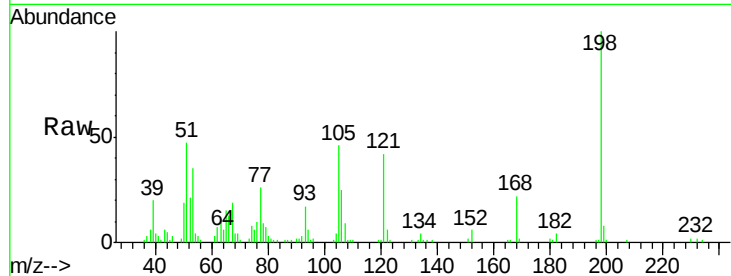




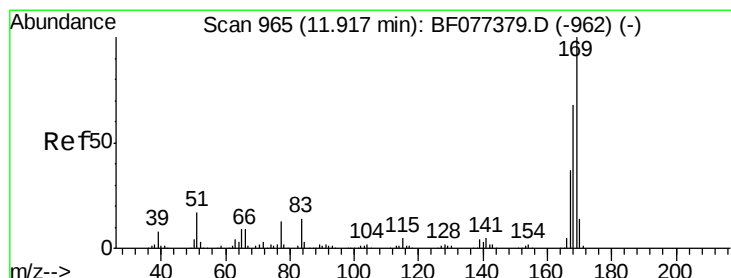
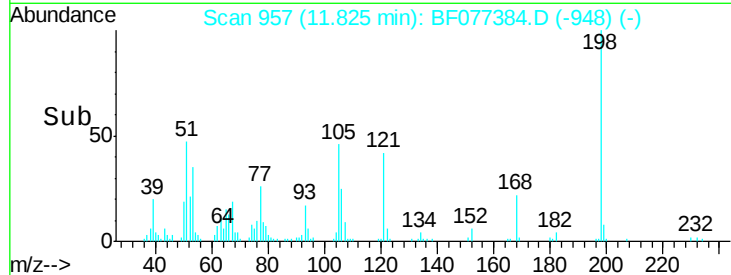
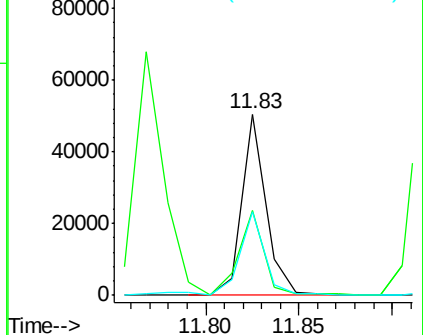
#64
 4,6-Dinitro-2-methylphenol
 Concen: 34.12 ng
 RT: 11.83 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: BF077384.D
 Acq: 20 Feb 2015 16:21

Instrument :
 BNA_F
 ClientSampleId :
 PB81812BSD

Tgt Ion:198 Resp: 45760
 Ion Ratio Lower Upper
 198 100
 51 46.6 2.7 42.7#
 105 46.3 10.0 50.0

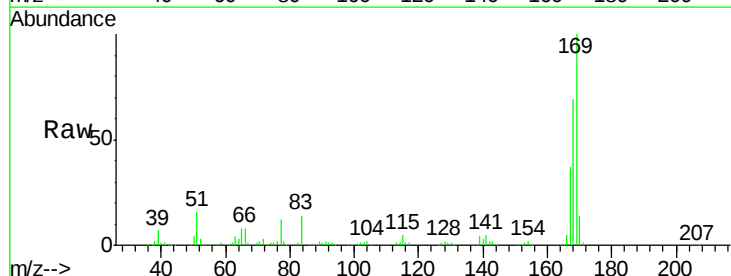


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF077379.D (-954) (-)
 Ion 105.00 (104.70 to 105.70): E

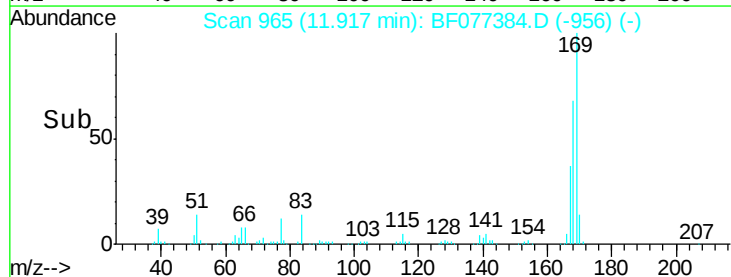
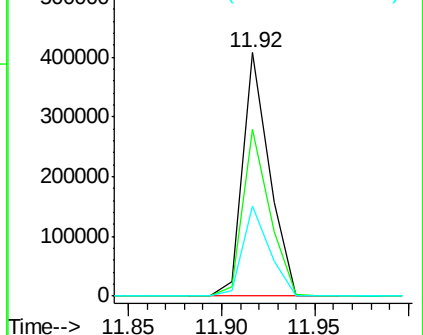


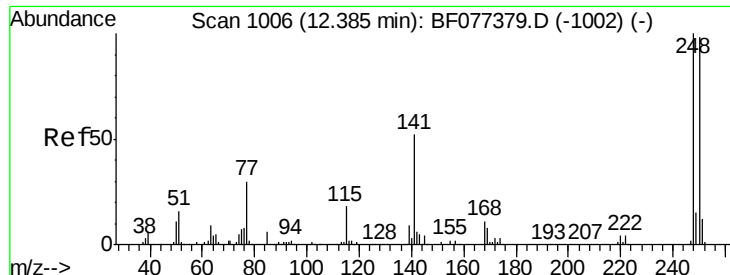
#65
 n-Nitrosodiphenylamine
 Concen: 35.06 ng
 RT: 11.92 min Scan# 965
 Delta R.T. 0.00 min
 Lab File: BF077384.D
 Acq: 20 Feb 2015 16:21

Tgt Ion:169 Resp: 404756
 Ion Ratio Lower Upper
 169 100
 168 68.6 53.0 79.6
 167 37.1 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

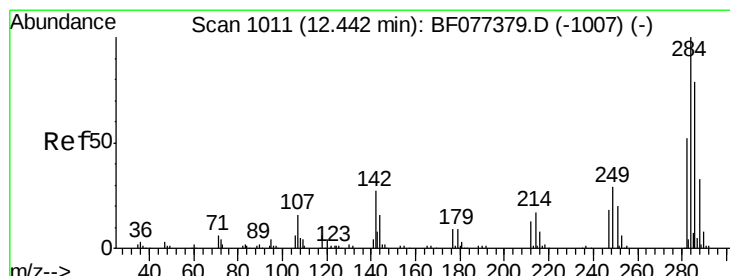
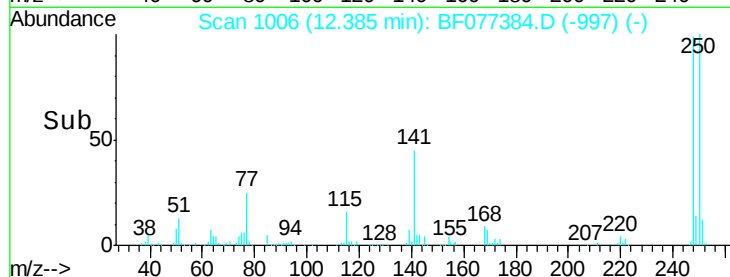
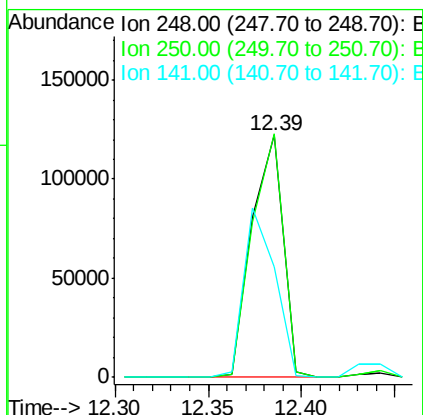
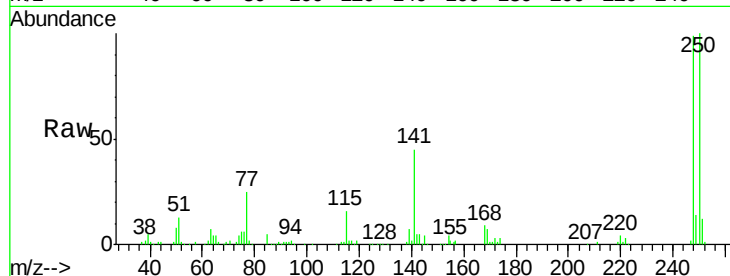




#66
 4-Bromophenyl-phenylether
 Concen: 34.89 ng
 RT: 12.39 min Scan# 1006
 Delta R.T. 0.00 min
 Lab File: BF077384.D
 Acq: 20 Feb 2015 16:21

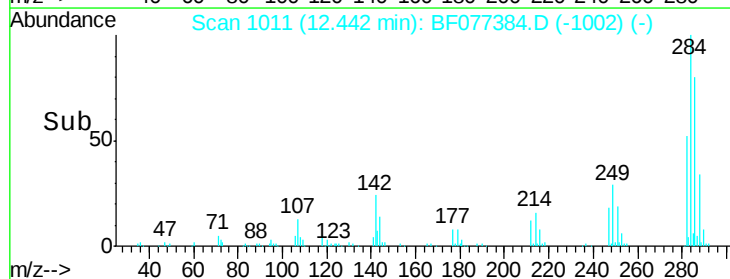
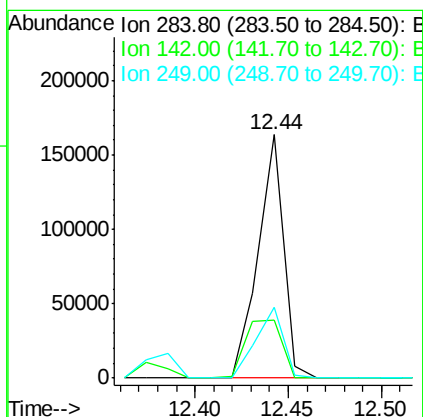
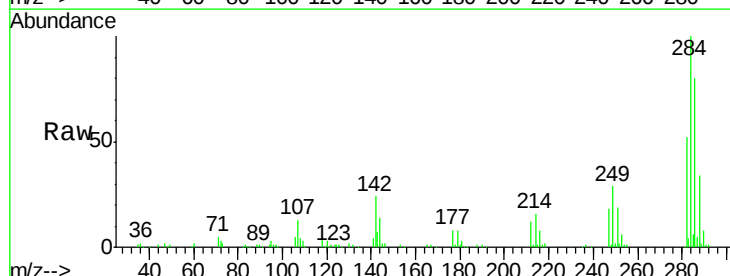
Instrument :
 BNA_F
 ClientSampleId :
 PB81812BSD

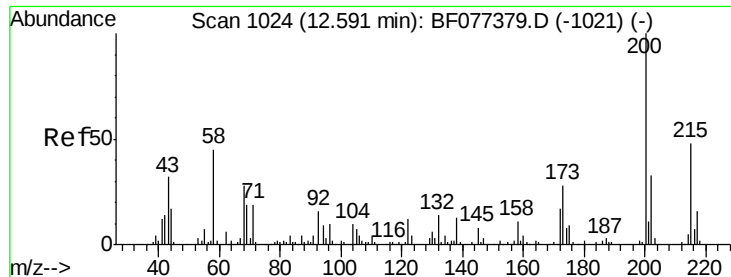
Tgt Ion:248 Resp: 142182
 Ion Ratio Lower Upper
 248 100
 250 100.5 78.0 117.0
 141 45.4 54.1 81.1#



#67
 Hexachlorobenzene
 Concen: 36.03 ng
 RT: 12.44 min Scan# 1011
 Delta R.T. 0.00 min
 Lab File: BF077384.D
 Acq: 20 Feb 2015 16:21

Tgt Ion:284 Resp: 157600
 Ion Ratio Lower Upper
 284 100
 142 23.8 31.6 47.4#
 249 29.3 27.0 40.4

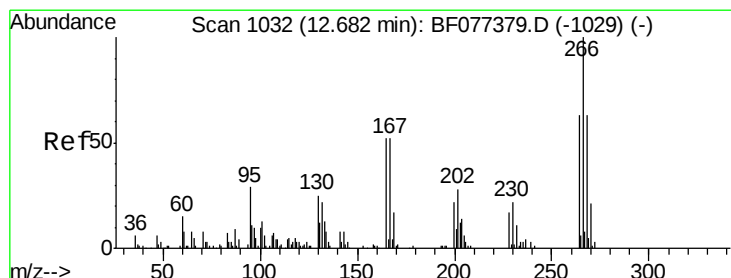
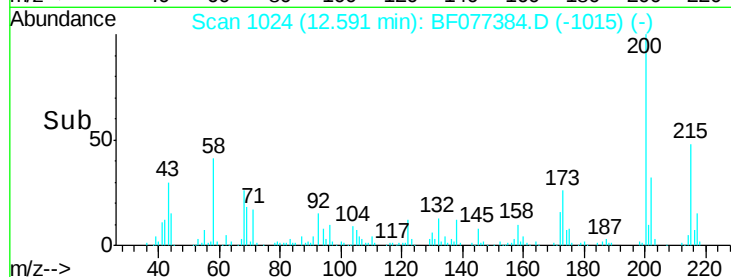
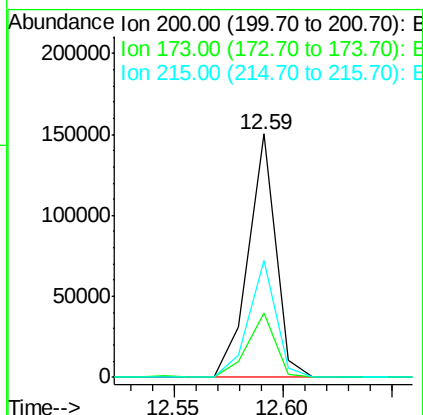
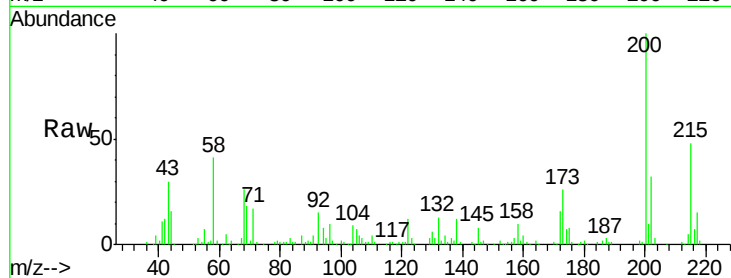




#68
 Atrazine
 Concen: 35.07 ng
 RT: 12.59 min Scan# 1024
 Delta R.T. 0.00 min
 Lab File: BF077384.D
 Acq: 20 Feb 2015 16:21

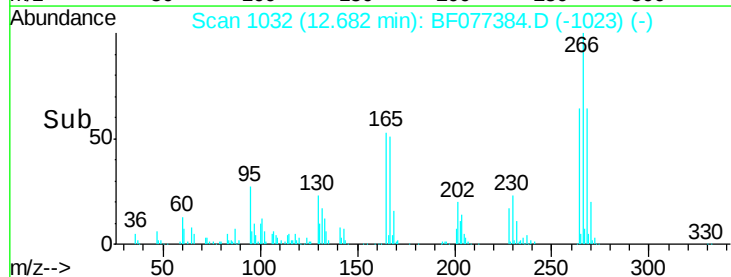
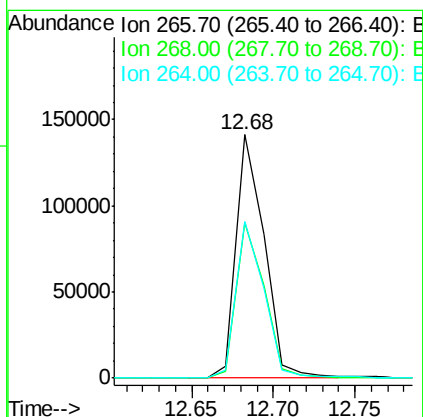
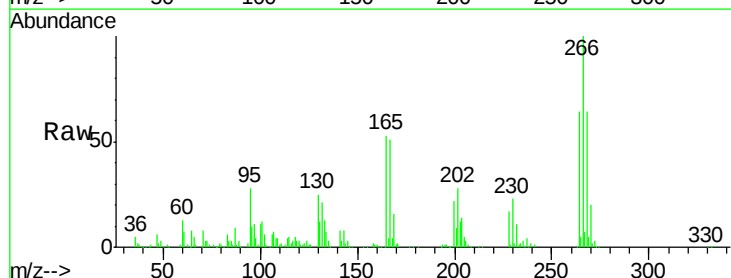
Instrument :
 BNA_F
 ClientSampleId :
 PB81812BSD

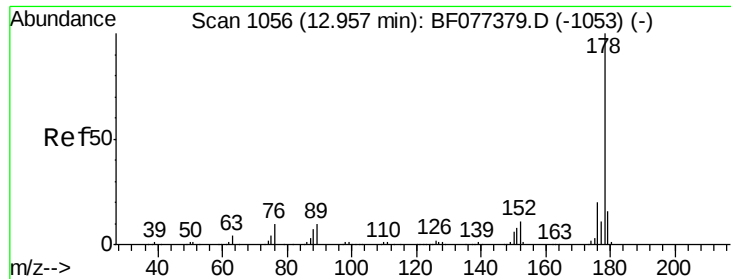
Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.3	9.6	49.6
215	48.1	24.4	64.4



#69
 Pentachlorophenol
 Concen: 73.29 ng
 RT: 12.68 min Scan# 1032
 Delta R.T. 0.00 min
 Lab File: BF077384.D
 Acq: 20 Feb 2015 16:21

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.9	51.2	76.8
264	64.3	50.7	76.1





#70

Phenanthrene

Concen: 34.22 ng

RT: 12.96 min Scan# 1056

Delta R.T. 0.00 min

Lab File: BF077384.D

Acq: 20 Feb 2015 16:21

Instrument :

BNA_F

ClientSampleId :

PB81812BSD

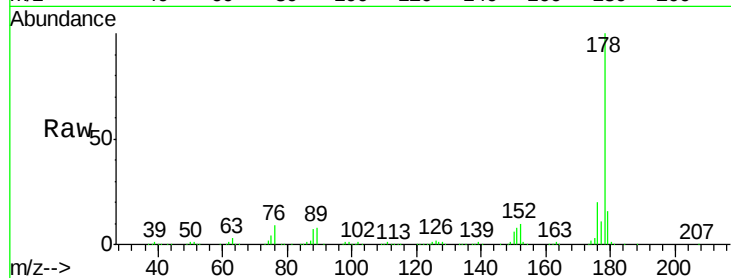
Tgt Ion:178 Resp: 690132

Ion Ratio Lower Upper

178 100

176 19.6 15.5 23.3

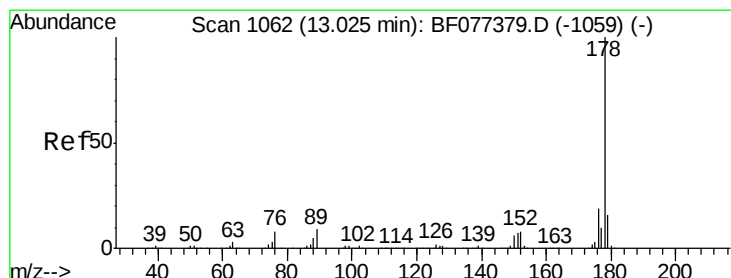
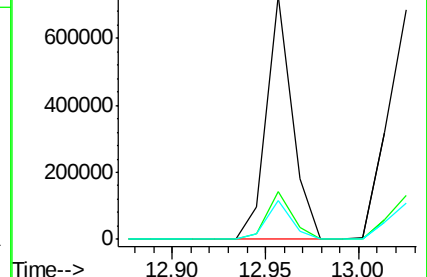
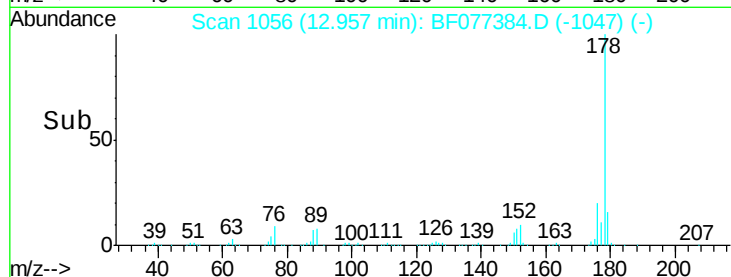
179 15.7 12.2 18.2



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: 35.60 ng

RT: 13.03 min Scan# 1062

Delta R.T. 0.00 min

Lab File: BF077384.D

Acq: 20 Feb 2015 16:21

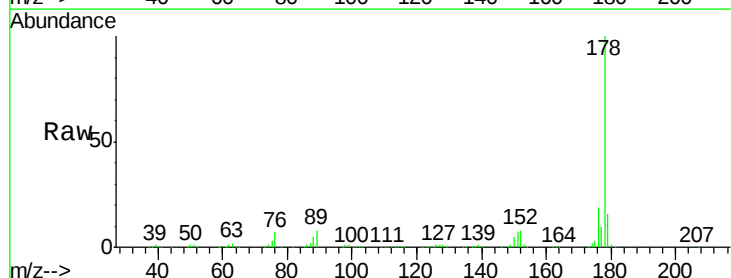
Tgt Ion:178 Resp: 712619

Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.0

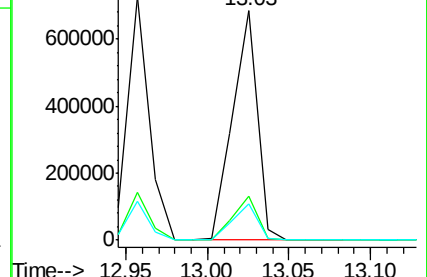
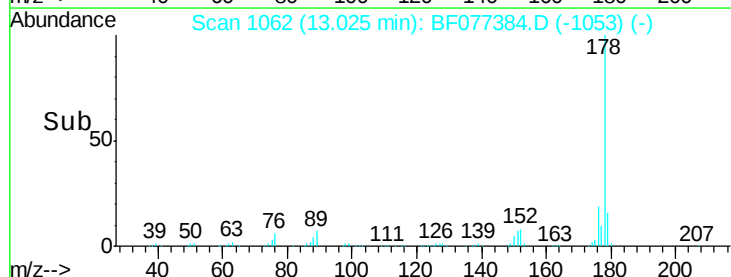
179 15.8 12.9 19.3

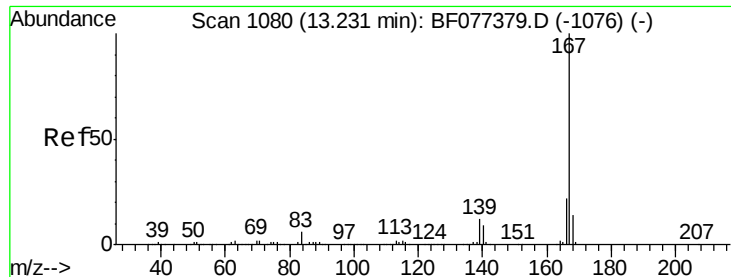


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

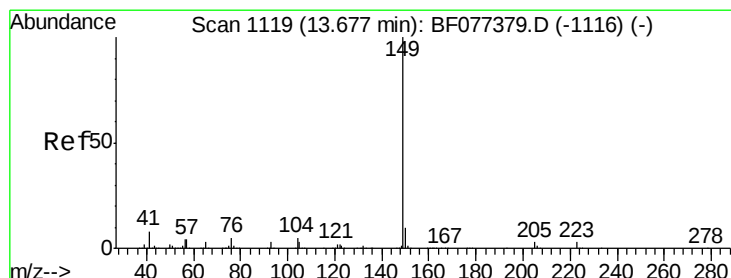
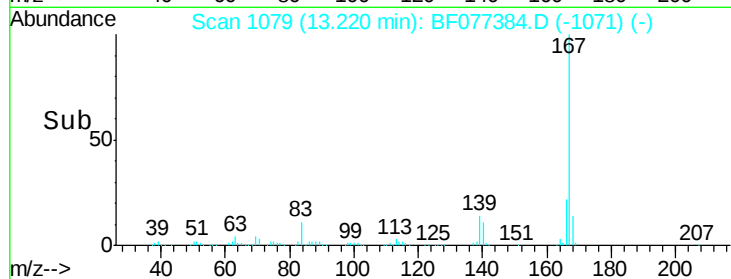
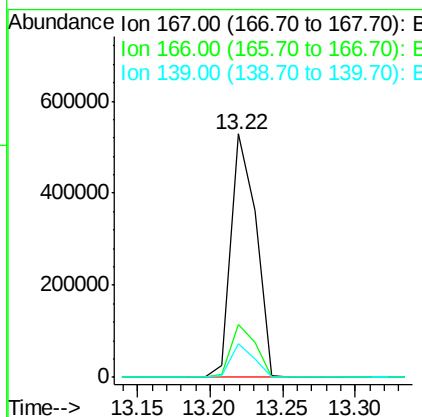
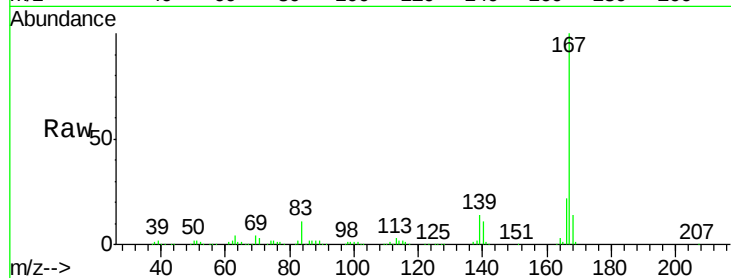




#72
 Carbazole
 Concen: 33.18 ng
 RT: 13.22 min Scan# 1079
 Delta R.T. -0.01 min
 Lab File: BF077384.D
 Acq: 20 Feb 2015 16:21

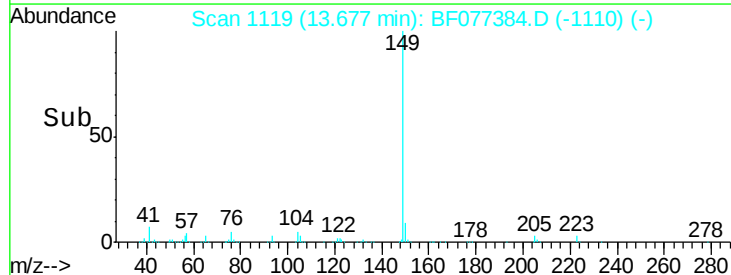
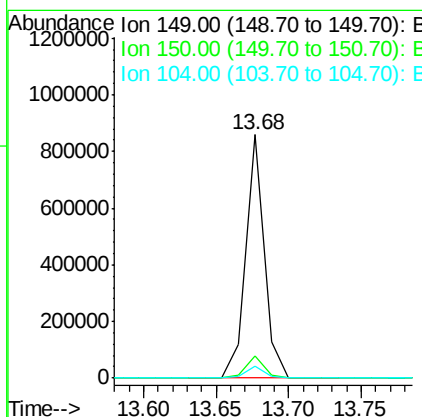
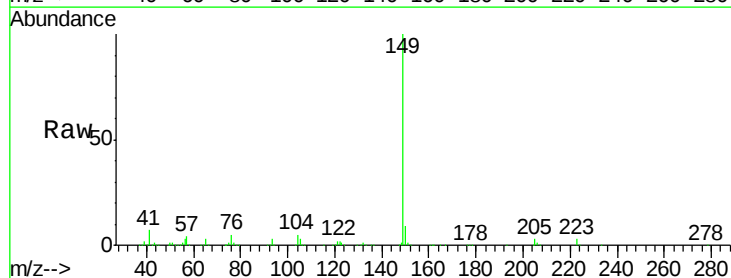
Instrument :
 BNA_F
 ClientSampleId :
 PB81812BSD

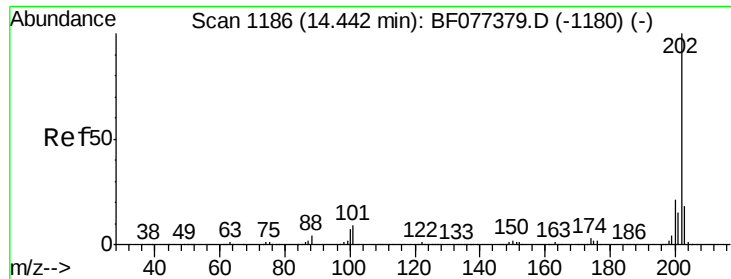
Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.6	26.4
139	13.7	9.9	14.9



#73
 Di-n-butylphthalate
 Concen: 33.97 ng
 RT: 13.68 min Scan# 1119
 Delta R.T. 0.00 min
 Lab File: BF077384.D
 Acq: 20 Feb 2015 16:21

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.8	11.8
104	4.7	4.1	6.1

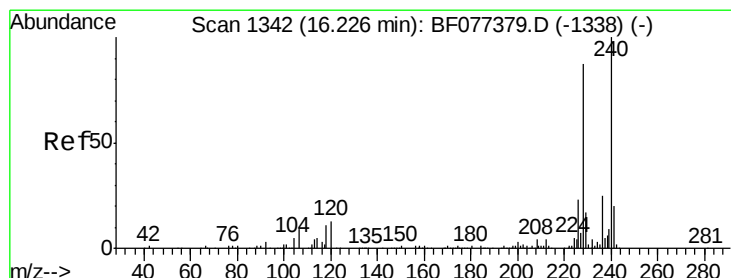
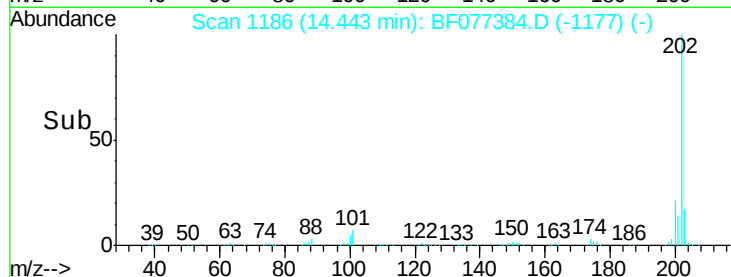
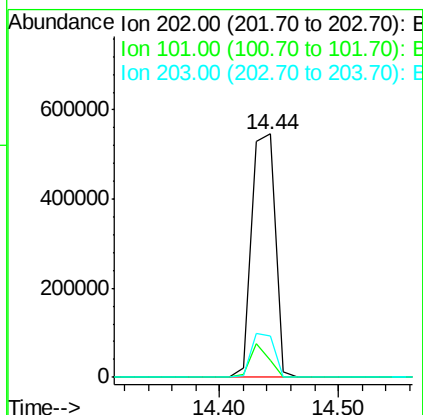
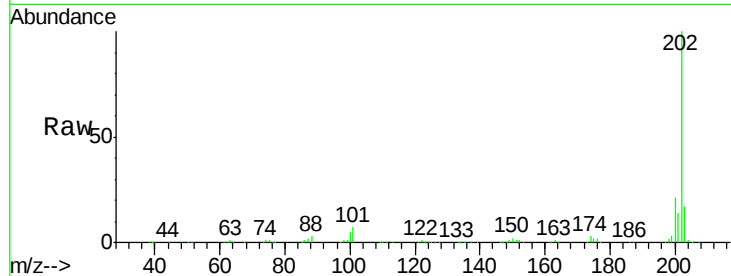




#74
 Fluoranthene
 Concen: 34.77 ng
 RT: 14.44 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF077384.D
 Acq: 20 Feb 2015 16:21

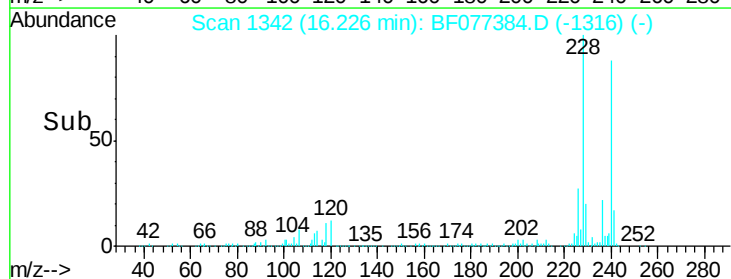
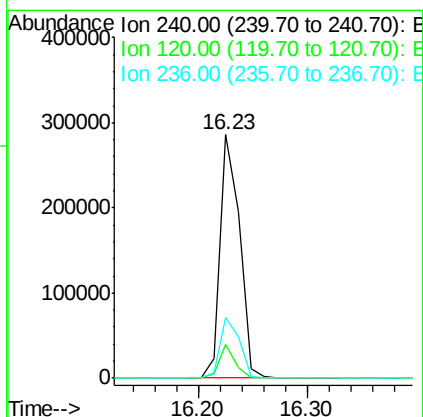
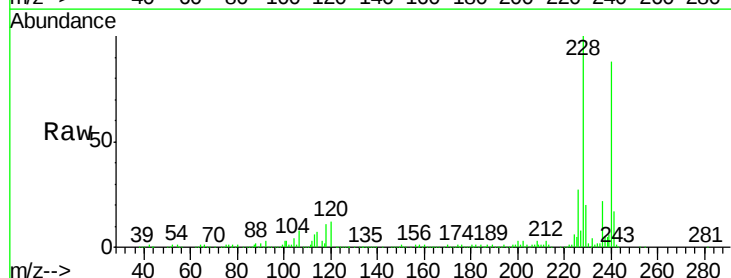
Instrument :
 BNA_F
 ClientSampleId :
 PB81812BSD

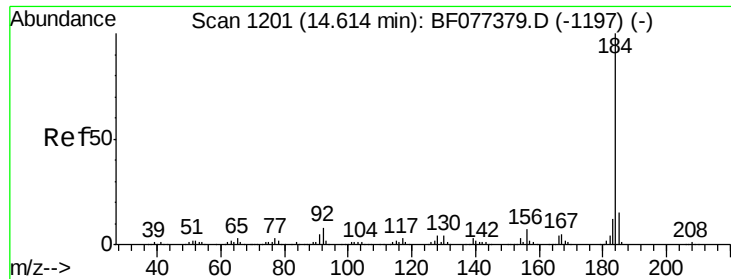
Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.9	0.0	30.8
203	17.1	0.0	37.7



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 16.23 min Scan# 1342
 Delta R.T. 0.00 min
 Lab File: BF077384.D
 Acq: 20 Feb 2015 16:21

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.0	8.8	13.2#
236	25.1	20.7	31.1





#76

Benzidine

Concen: 21.82 ng

RT: 14.61 min Scan# 1201

Delta R.T. 0.00 min

Lab File: BF077384.D

Acq: 20 Feb 2015 16:21

Instrument :

BNA_F

ClientSampleId :

PB81812BSD

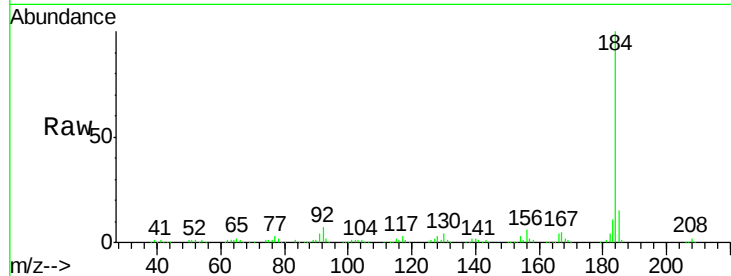
Tgt Ion:184 Resp: 263651

Ion Ratio Lower Upper

184 100

185 14.9 12.6 18.8

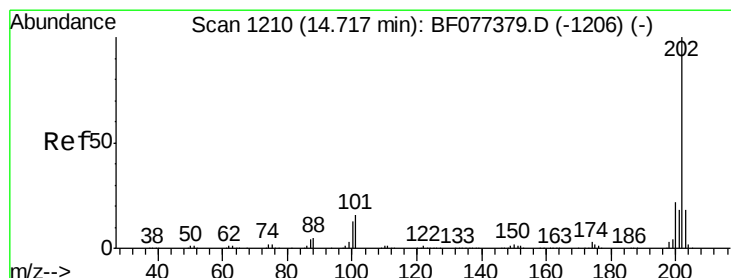
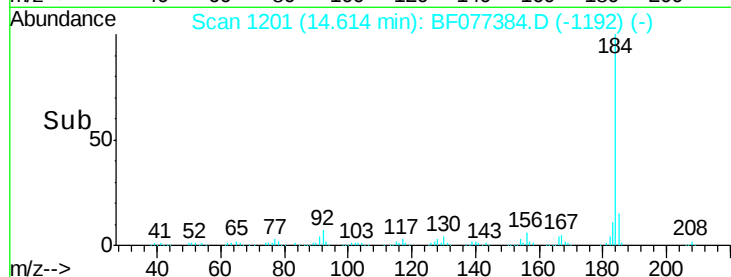
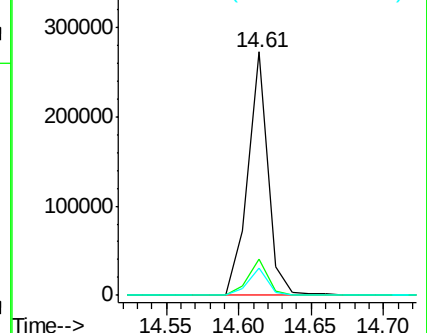
183 11.2 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 35.26 ng

RT: 14.72 min Scan# 1210

Delta R.T. 0.00 min

Lab File: BF077384.D

Acq: 20 Feb 2015 16:21

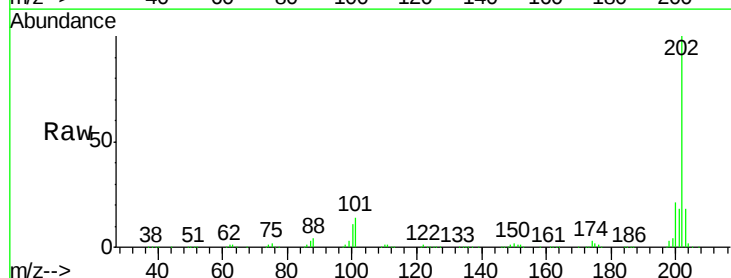
Tgt Ion:202 Resp: 771190

Ion Ratio Lower Upper

202 100

200 21.4 17.1 25.7

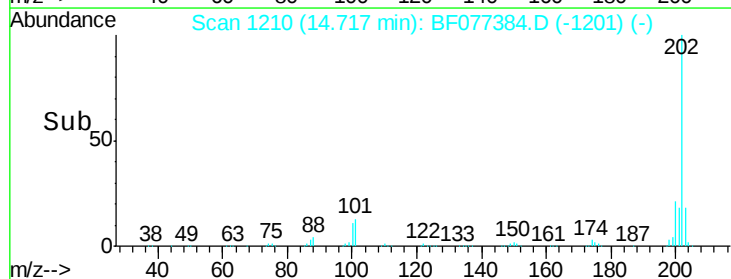
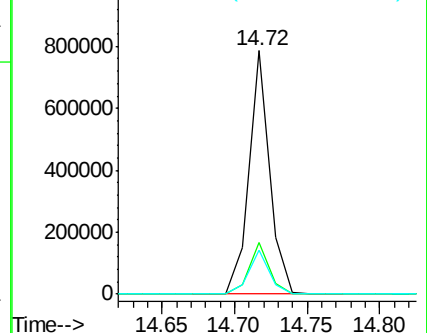
203 18.0 14.2 21.2

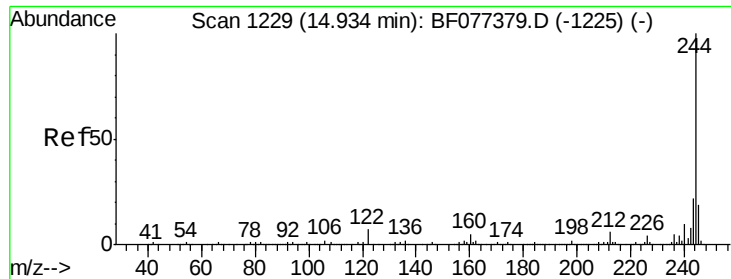


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

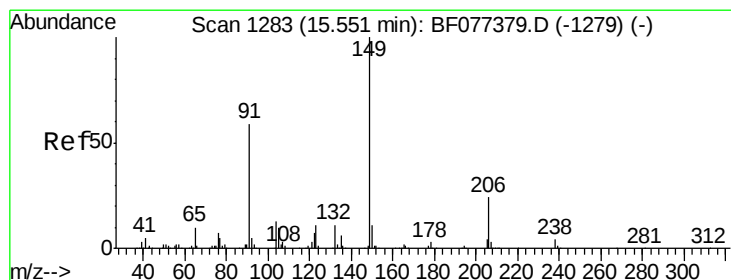
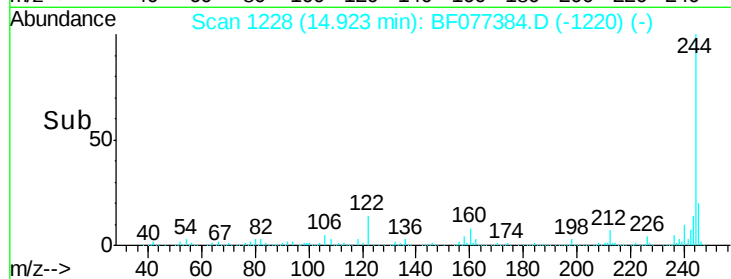
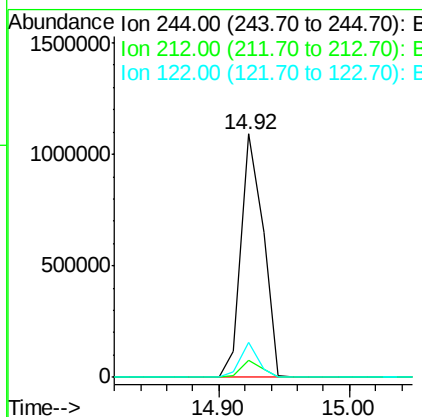
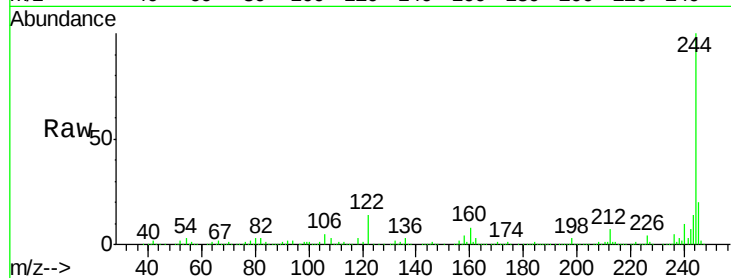




#78
 Terphenyl-d14
 Concen: 83.79 ng
 RT: 14.92 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF077384.D
 Acq: 20 Feb 2015 16:21

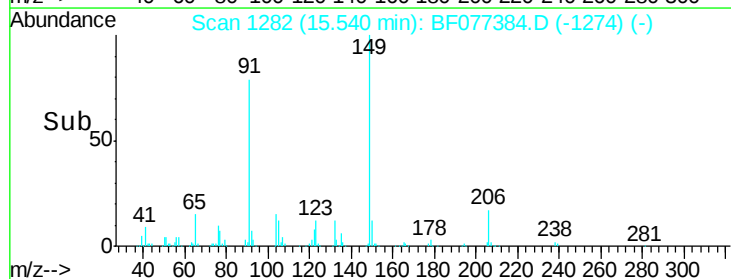
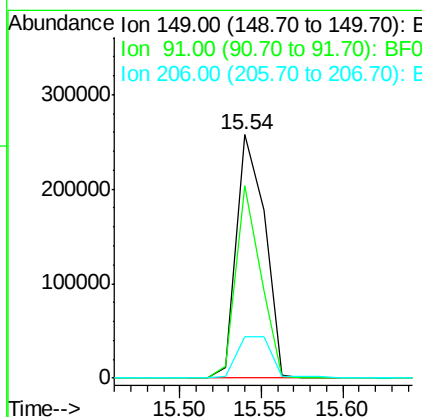
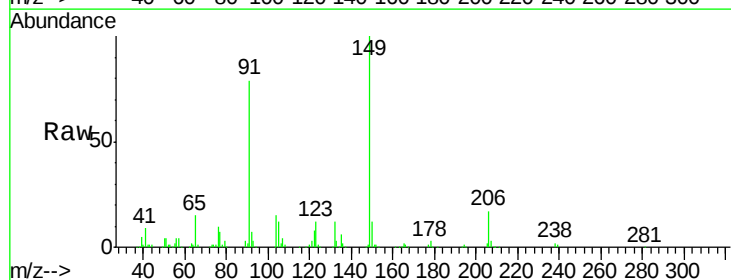
Instrument :
 BNA_F
 ClientSampleId :
 PB81812BSD

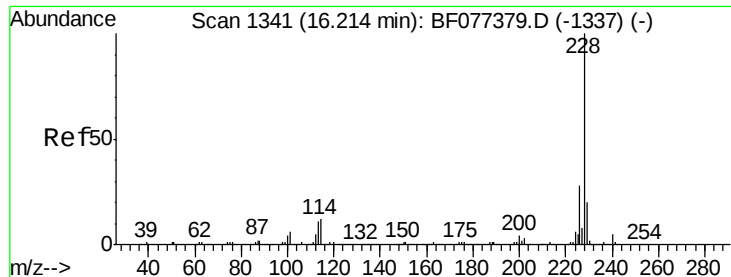
Tgt Ion:244 Resp: 1281538
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.2 7.8
 122 14.4 7.8 11.8#



#79
 Butylbenzylphthalate
 Concen: 34.40 ng
 RT: 15.54 min Scan# 1282
 Delta R.T. -0.01 min
 Lab File: BF077384.D
 Acq: 20 Feb 2015 16:21

Tgt Ion:149 Resp: 309535
 Ion Ratio Lower Upper
 149 100
 91 78.9 51.2 76.8#
 206 17.0 17.8 26.8#





#80

Benzo(a)anthracene

Concen: 34.08 ng

RT: 16.21 min Scan# 1341

Delta R.T. 0.00 min

Lab File: BF077384.D

Acq: 20 Feb 2015 16:21

Instrument :

BNA_F

ClientSampleId :

PB81812BSD

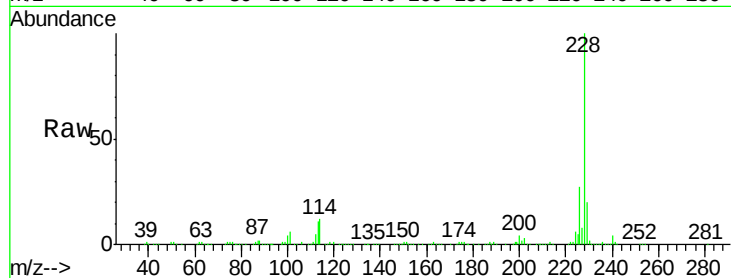
Tgt Ion:228 Resp: 714112

Ion Ratio Lower Upper

228 100

226 27.1 22.0 33.0

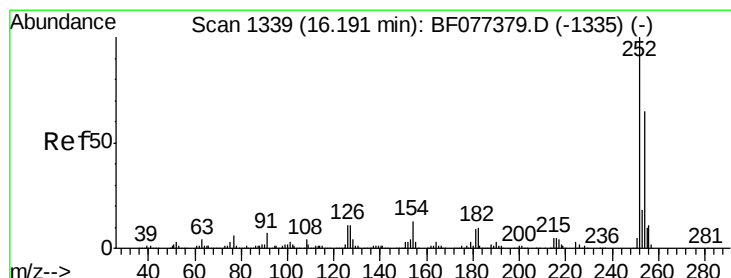
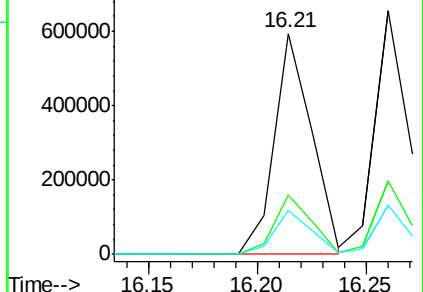
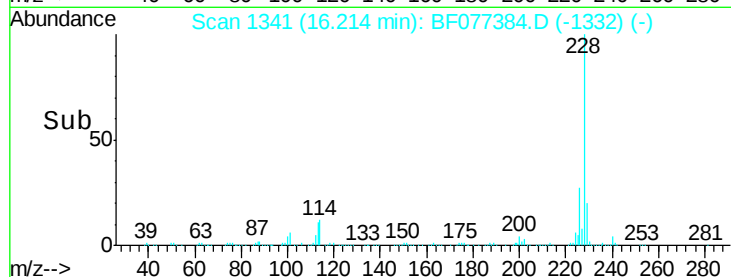
229 19.8 15.8 23.8



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: 14.69 ng

RT: 16.19 min Scan# 1339

Delta R.T. 0.00 min

Lab File: BF077384.D

Acq: 20 Feb 2015 16:21

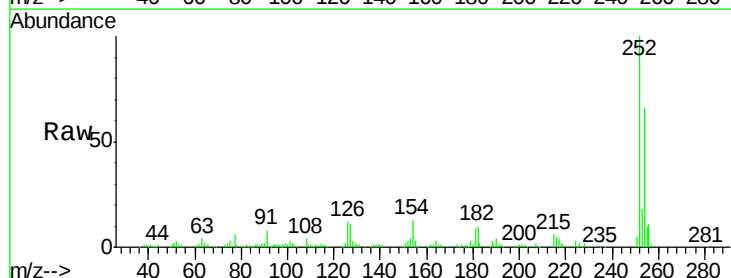
Tgt Ion:252 Resp: 112781

Ion Ratio Lower Upper

252 100

254 66.0 52.9 79.3

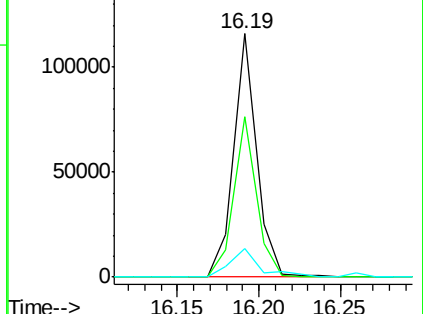
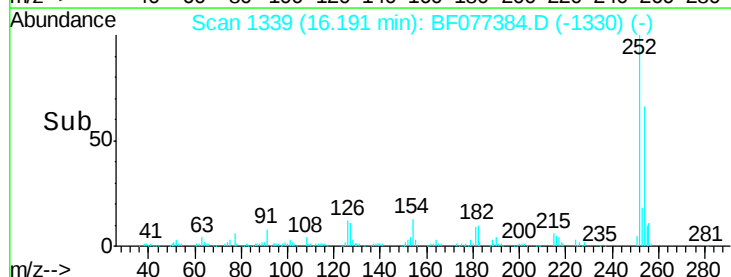
126 11.5 7.3 10.9#

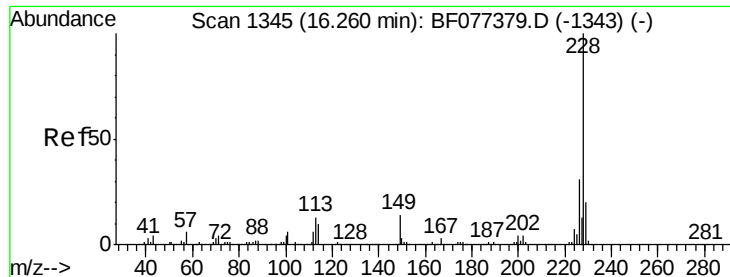


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 35.29 ng

RT: 16.26 min Scan# 1345

Delta R.T. 0.00 min

Lab File: BF077384.D

Acq: 20 Feb 2015 16:21

Instrument :

BNA_F

ClientSampleId :

PB81812BSD

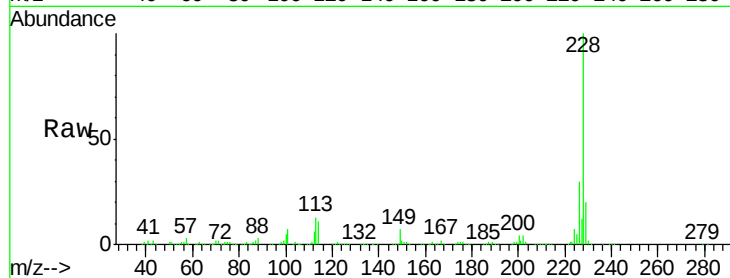
Tgt Ion:228 Resp: 694439

Ion Ratio Lower Upper

228 100

226 30.3 24.9 37.3

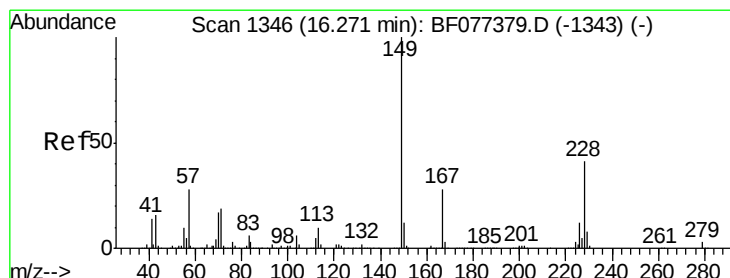
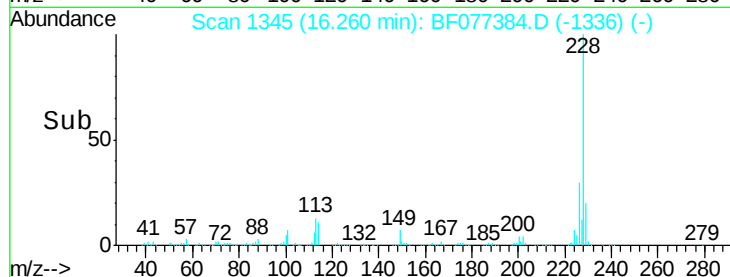
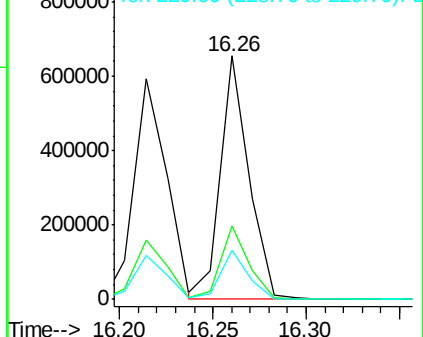
229 20.3 16.4 24.6



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: 31.59 ng

RT: 16.27 min Scan# 1346

Delta R.T. 0.00 min

Lab File: BF077384.D

Acq: 20 Feb 2015 16:21

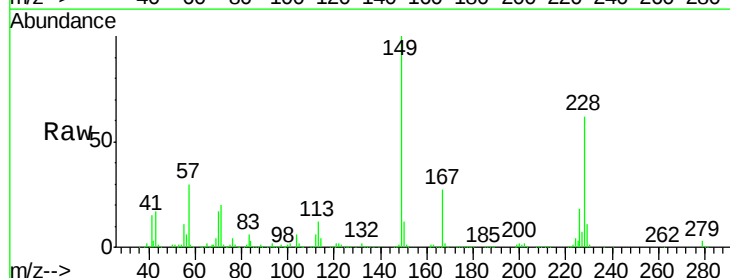
Tgt Ion:149 Resp: 455913

Ion Ratio Lower Upper

149 100

167 26.6 22.8 34.2

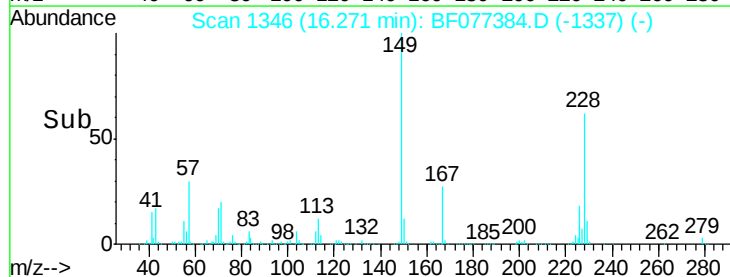
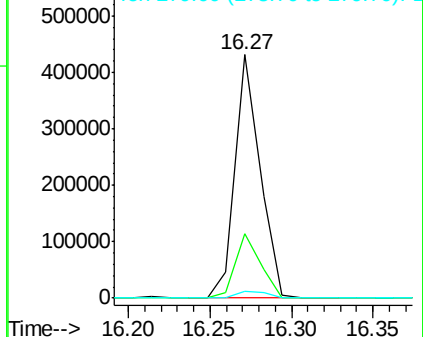
279 2.8 3.8 5.6#

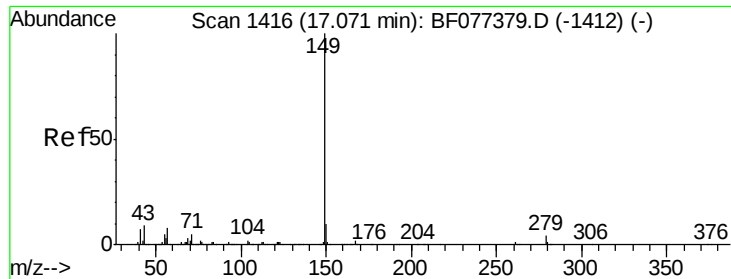


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

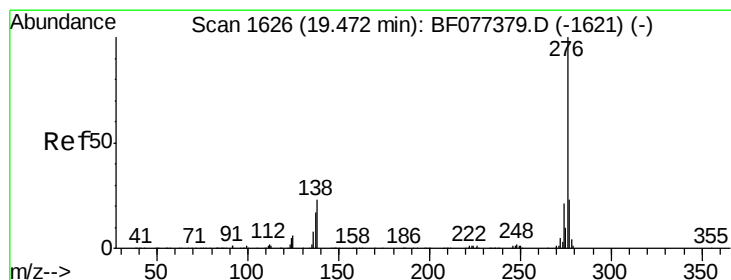
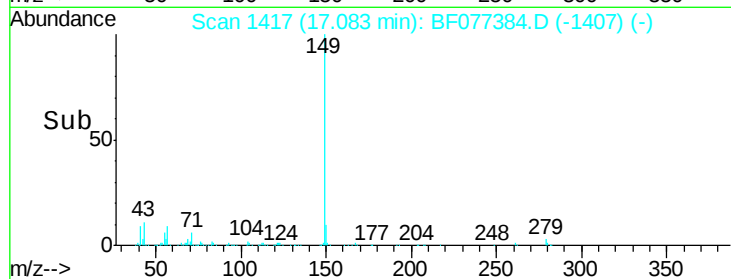
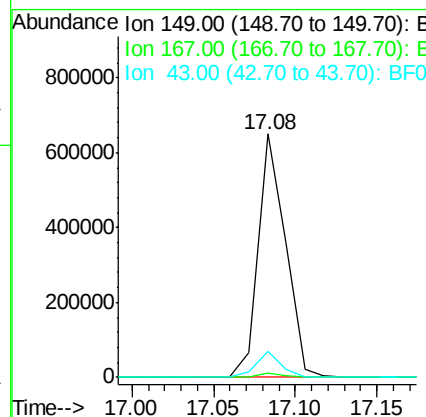
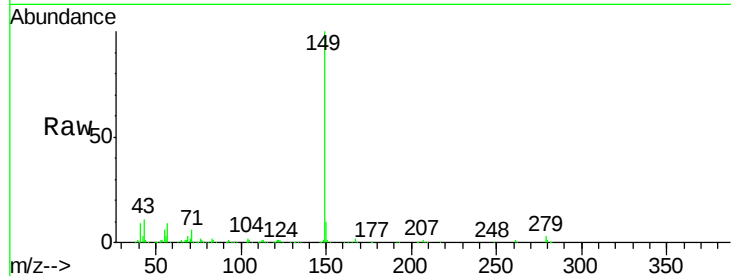




#84
 Di-n-octyl phthalate
 Concen: 31.40 ng
 RT: 17.08 min Scan# 1417
 Delta R.T. 0.01 min
 Lab File: BF077384.D
 Acq: 20 Feb 2015 16:21

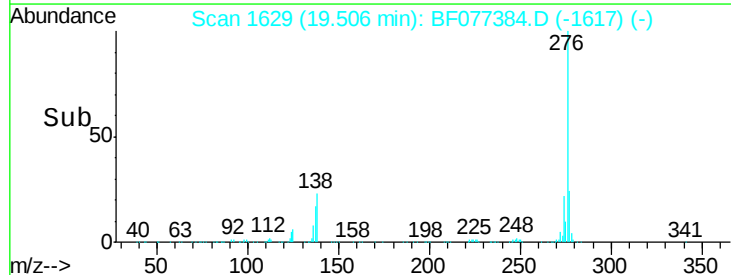
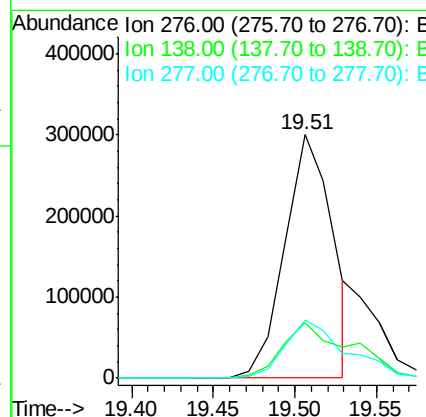
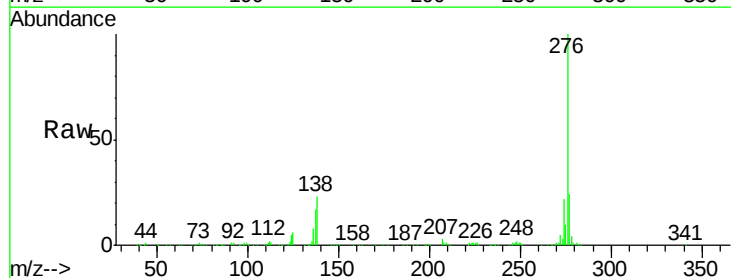
Instrument :
 BNA_F
 ClientSampleId :
 PB81812BSD

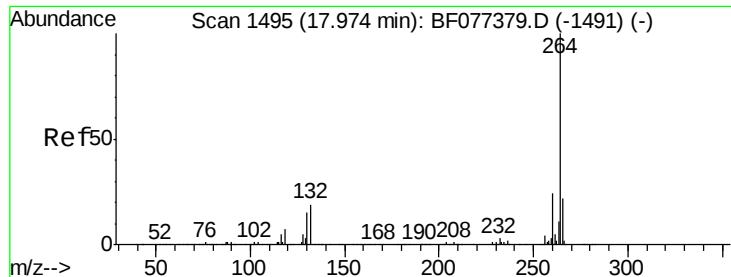
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	9.6	8.1	12.1



#85
 Indeno(1,2,3-cd)pyrene
 Concen: 27.45 ng
 RT: 19.51 min Scan# 1629
 Delta R.T. 0.03 min
 Lab File: BF077384.D
 Acq: 20 Feb 2015 16:21

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.0	21.2	31.8
277	24.0	20.0	30.0

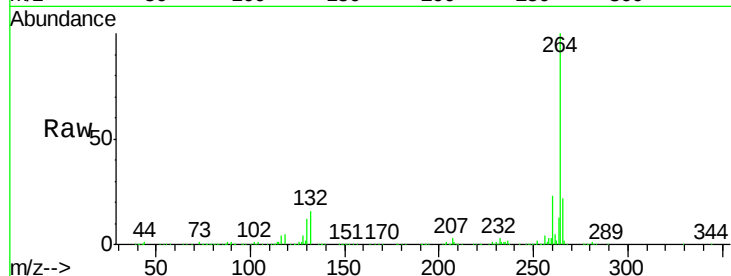




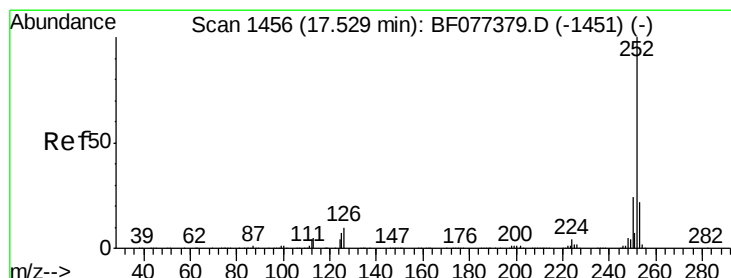
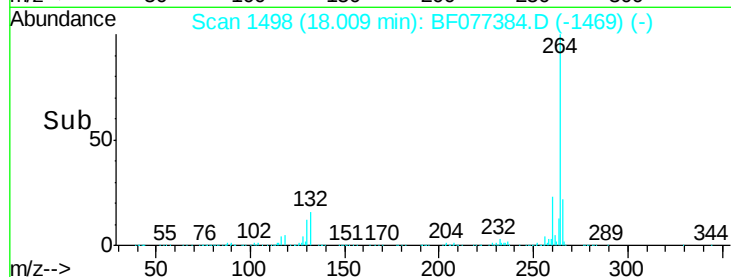
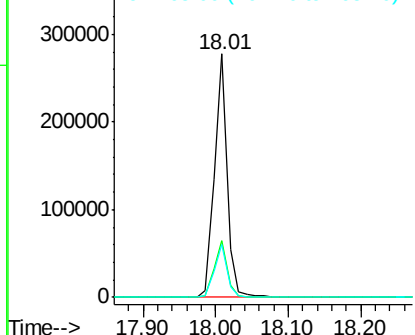
#86
Perylene-d12
Concen: 20.00 ng
RT: 18.01 min Scan# 1498
Delta R.T. 0.03 min
Lab File: BF077384.D
Acq: 20 Feb 2015 16:21

Instrument :
BNA_F
ClientSampleId :
PB81812BSD

Tgt Ion: 264 Resp: 337361
Ion Ratio Lower Upper
264 100
260 23.3 19.3 28.9
265 21.6 16.8 25.2

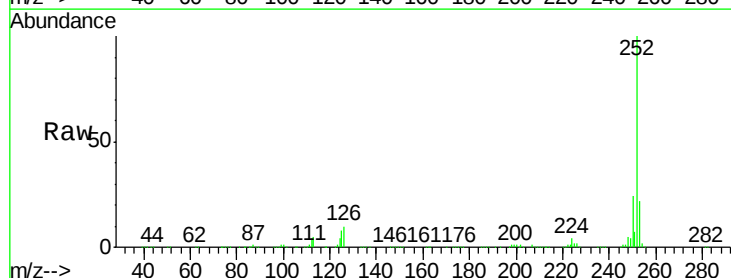


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

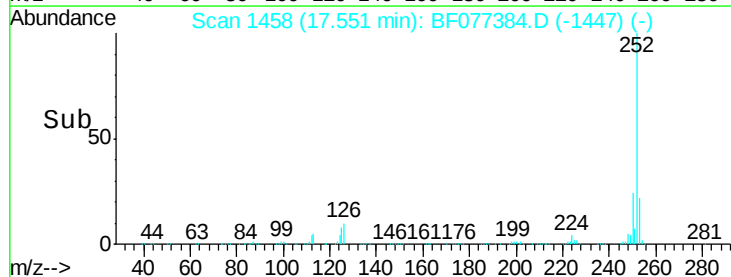
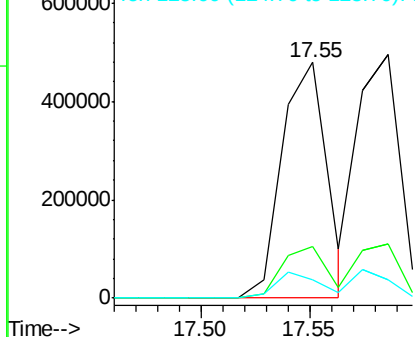


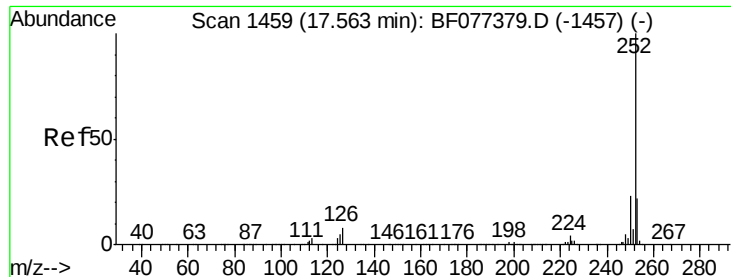
#87
Benzo(b)fluoranthene
Concen: 35.40 ng
RT: 17.55 min Scan# 1458
Delta R.T. 0.02 min
Lab File: BF077384.D
Acq: 20 Feb 2015 16:21

Tgt Ion: 252 Resp: 694484
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 7.8 5.4 8.2



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

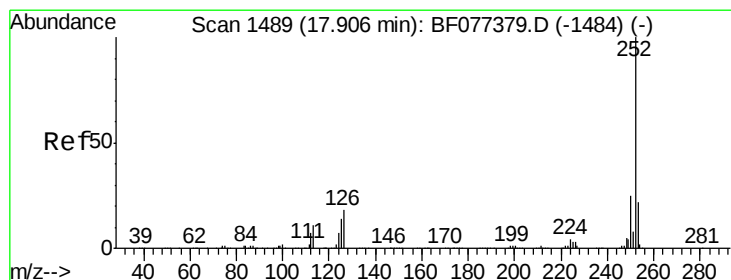
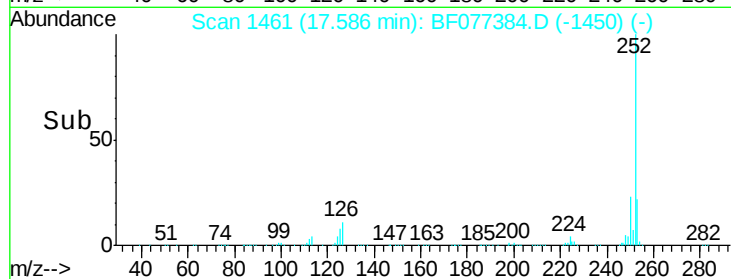
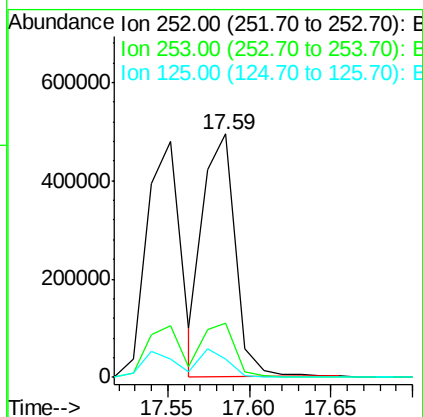
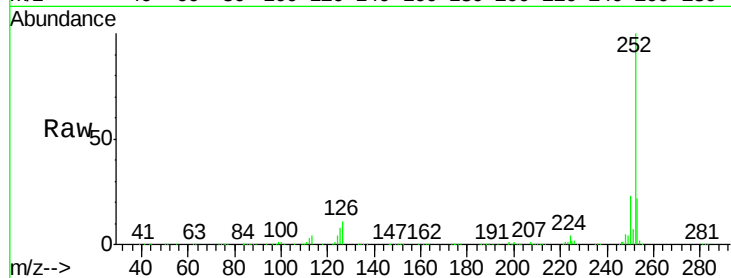




#88
Benzo(k)fluoranthene
Concen: 35.35 ng
RT: 17.59 min Scan# 1461
Delta R.T. 0.02 min
Lab File: BF077384.D
Acq: 20 Feb 2015 16:21

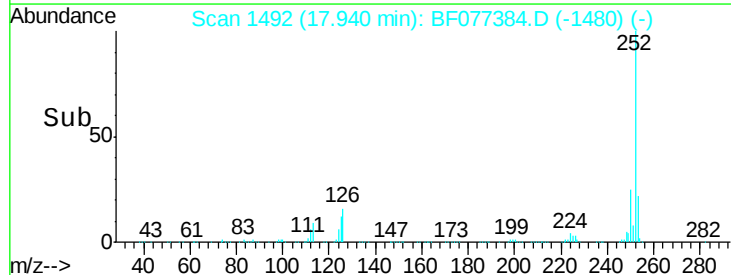
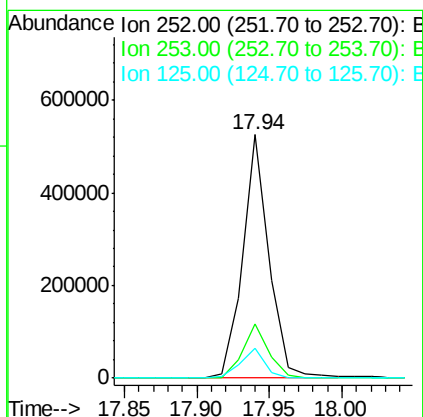
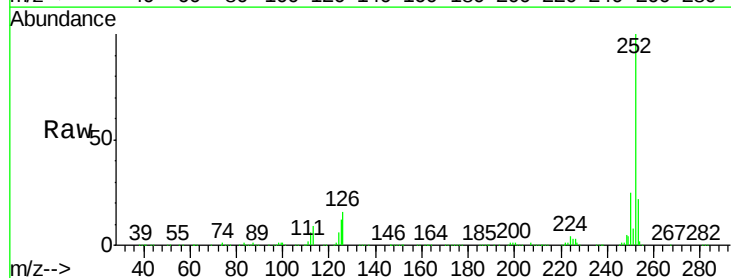
Instrument :
BNA_F
ClientSampleId :
PB81812BSD

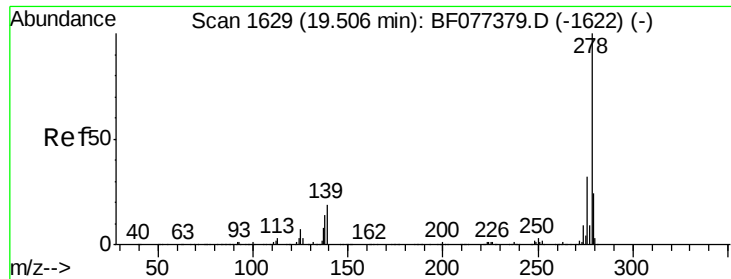
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.1	27.1
125	7.7	10.1	15.1#



#89
Benzo(a)pyrene
Concen: 35.35 ng
RT: 17.94 min Scan# 1492
Delta R.T. 0.03 min
Lab File: BF077384.D
Acq: 20 Feb 2015 16:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.2
125	12.1	8.3	12.5





#90

Dibenzo(a,h)anthracene

Concen: 35.27 ng

RT: 19.54 min Scan# 1632

Delta R.T. 0.03 min

Lab File: BF077384.D

Acq: 20 Feb 2015 16:21

Instrument :

BNA_F

ClientSampleId :

PB81812BSD

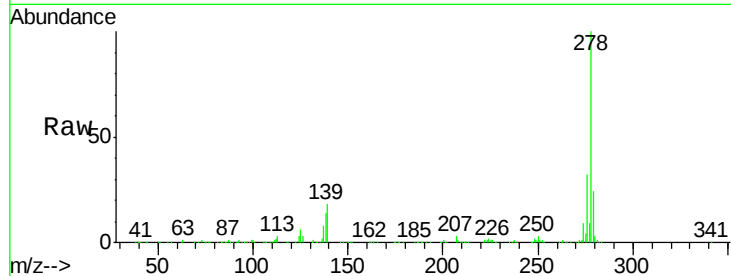
Tgt Ion:278 Resp: 628511

Ion Ratio Lower Upper

278 100

139 17.9 14.3 21.5

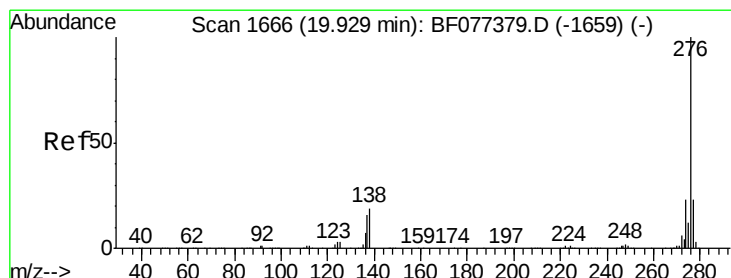
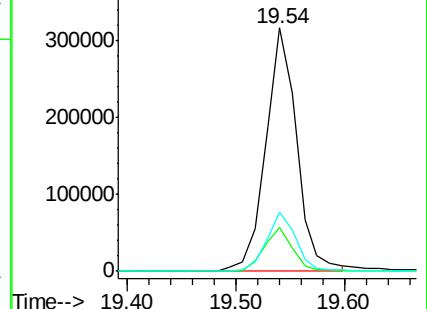
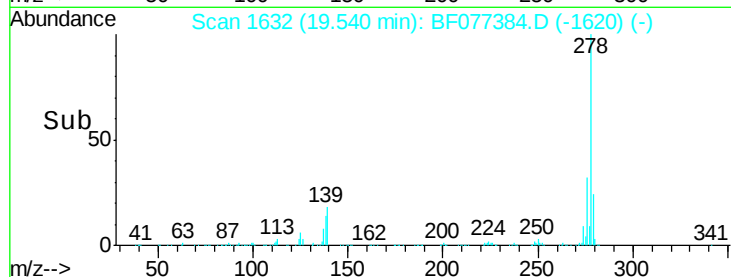
279 24.2 19.0 28.6



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: 35.82 ng

RT: 19.95 min Scan# 1668

Delta R.T. 0.02 min

Lab File: BF077384.D

Acq: 20 Feb 2015 16:21

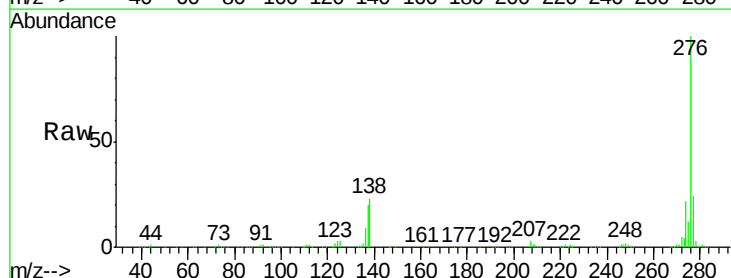
Tgt Ion:276 Resp: 644248

Ion Ratio Lower Upper

276 100

277 23.6 18.9 28.3

138 23.2 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

