

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022615\
 Data File : BF077488.D
 Acq On : 27 Feb 2015 4:04
 Operator : TP/IZ
 Sample : G1385-10MS
 Misc : S
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-11-D910MS

Quant Time: Feb 27 07:16:51 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 27 07:02:57 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	71938	20.00	ng	0.00
21) Naphthalene-d8	8.85	136	295263	20.00	ng	0.00
38) Acenaphthene-d10	11.02	164	153188	20.00	ng	0.00
63) Phenanthrene-d10	12.87	188	330273	20.00	ng	0.00
75) Chrysene-d12	16.16	240	340248	20.00	ng	0.02
86) Perylene-d12	17.92	264	337544	20.00	ng	0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	393778	91.38	ng	0.01
7) Phenol-d6	6.83	99	493996	89.16	ng	0.01
23) Nitrobenzene-d5	7.96	82	294176	61.96	ng	0.00
41) 2,4,6-Tribromophenol	12.01	330	150795	102.23	ng	0.00
44) 2-Fluorobiphenyl	10.19	172	613297	62.43	ng	0.00
78) Terphenyl-d14	14.86	244	840323	57.74	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.21	88	46646	25.51	ng	97
3) Pyridine	2.96	79	120386	23.01	ng	91
4) n-Nitrosodimethylamine	2.87	42	73768	32.43	ng	80
6) Aniline	6.86	93	61509	8.03	ng	# 95
8) 2-Chlorophenol	7.00	128	150699	29.65	ng	94
9) Benzaldehyde	6.69	77	100845	29.98	ng	# 1
10) Phenol	6.85	94	185791	28.26	ng	85
11) bis(2-Chloroethyl)ether	6.96	93	129712	27.46	ng	85
12) 1,3-Dichlorobenzene	7.20	146	157791	28.51	ng	# 95
13) 1,4-Dichlorobenzene	7.29	146	161257	28.64	ng	98
14) 1,2-Dichlorobenzene	7.48	146	151365	28.26	ng	98
15) Benzyl Alcohol	7.45	79	132774	31.53	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.63	45	181053	26.81	ng	91
17) 2-Methylphenol	7.60	107	124379	31.30	ng	95
18) Hexachloroethane	7.88	117	95024	50.52	ng	# 1
19) n-Nitroso-di-n-propylamine	7.78	70	120592	34.27	ng	# 90
20) 3+4-Methylphenols	7.79	107	164384	31.41	ng	# 75
22) Acetophenone	7.77	105	345292	49.72	ng	# 64
24) Nitrobenzene	7.98	77	165844	33.20	ng	# 86
25) Isophorone	8.28	82	284183	30.17	ng	# 93
26) 2-Nitrophenol	8.38	139	68914	33.66	ng	# 78
27) 2,4-Dimethylphenol	8.44	122	144480	31.54	ng	96
28) bis(2-Chloroethoxy)methane	8.56	93	177650	29.85	ng	98
29) 2,4-Dichlorophenol	8.68	162	130260	30.29	ng	98
30) 1,2,4-Trichlorobenzene	8.78	180	133540	28.25	ng	97
31) Naphthalene	8.87	128	745111	50.46	ng	99
32) Benzoic acid	8.51	122	23753	10.67	ng	# 51
33) 4-Chloroaniline	8.95	127	59999	9.14	ng	# 94
34) Hexachlorobutadiene	9.03	225	75345	27.92	ng	97
35) Caprolactam	9.37	113	41743	31.80	ng	# 81
36) 4-Chloro-3-methylphenol	9.55	107	132072	30.55	ng	96
37) 2-Methylnaphthalene	9.73	142	480418	45.82	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.94	216	139964	31.84	ng	99
40) Hexachlorocyclopentadiene	9.92	237	61515	26.10	ng	99

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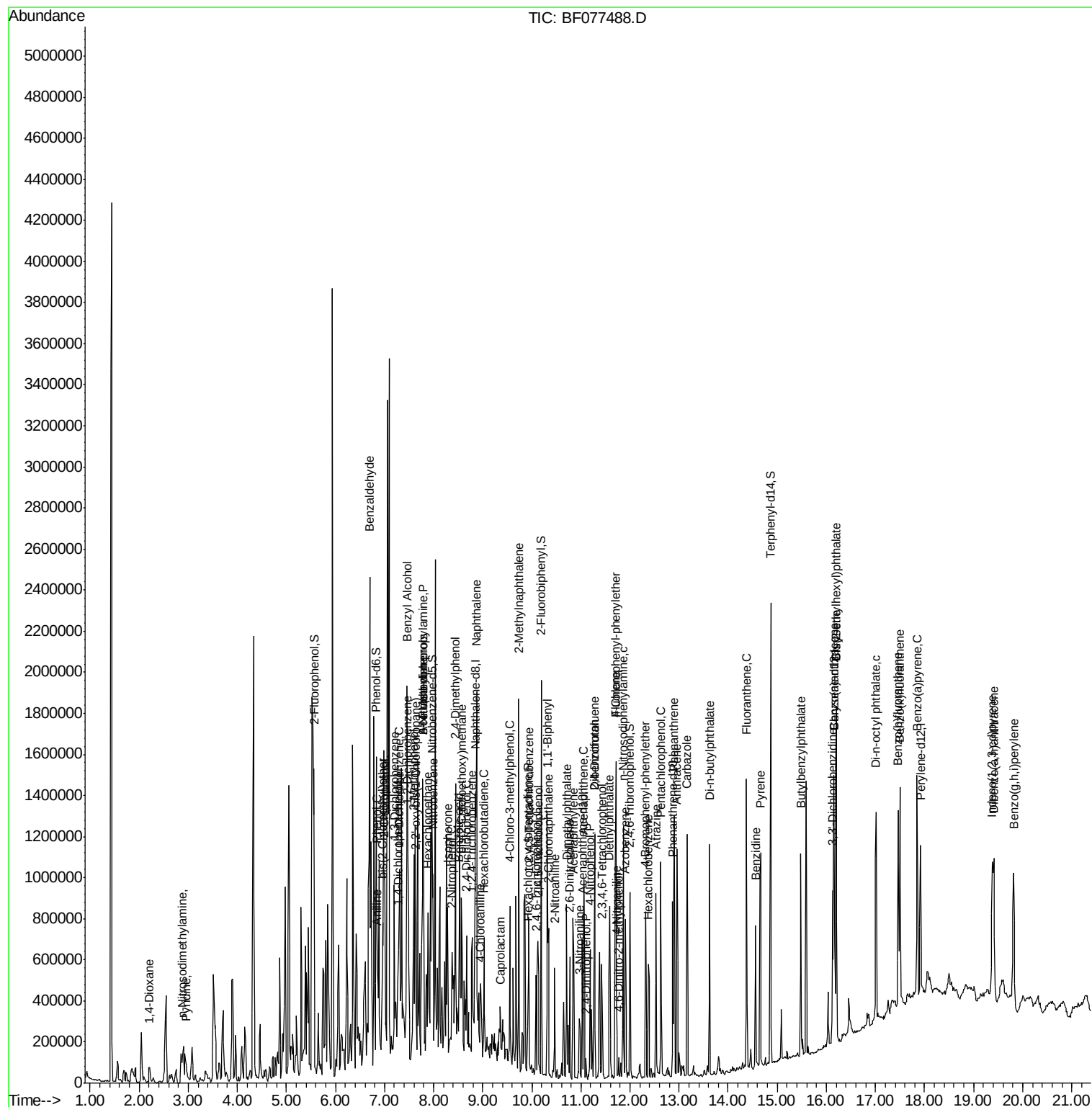
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.08	196	95614	32.85	ng	95
43) 2,4,5-Trichlorophenol	10.13	196	101680	32.67	ng	98
45) 1,1'-Biphenyl	10.31	154	373959	32.22	ng	99
46) 2-Chloronaphthalene	10.34	162	290731	31.94	ng	93
47) 2-Nitroaniline	10.46	65	83352	37.20	ng	# 74
48) Acenaphthylene	10.85	152	459511	31.89	ng	100
49) Dimethylphthalate	10.70	163	387816	36.02	ng	98
50) 2,6-Dinitrotoluene	10.77	165	76060	35.22	ng	# 71
51) Acenaphthene	11.06	154	261136	30.37	ng	99
52) 3-Nitroaniline	10.97	138	55325	22.22	ng	# 86
53) 2,4-Dinitrophenol	11.11	184	11023	16.78	ng	# 67
54) Dibenzofuran	11.28	168	412527	31.07	ng	98
55) 4-Nitrophenol	11.19	139	128285	64.06	ng	# 61
56) 2,4-Dinitrotoluene	11.27	165	97768	33.51	ng	# 70
57) Fluorene	11.70	166	349211	32.90	ng	99
58) 2,3,4,6-Tetrachlorophenol	11.43	232	86032	34.38	ng	96
59) Diethylphthalate	11.58	149	341946	32.21	ng	96
60) 4-Chlorophenyl-phenylether	11.71	204	166489	32.55	ng	92
61) 4-Nitroaniline	11.73	138	68234	28.59	ng	90
62) Azobenzene	11.91	77	325670	32.33	ng	95
64) 4,6-Dinitro-2-methylphenol	11.77	198	12854	12.71	ng	# 57
65) n-Nitrosodiphenylamine	11.86	169	317419	28.97	ng	98
66) 4-Bromophenyl-phenylether	12.32	248	102001	26.37	ng	# 90
67) Hexachlorobenzene	12.38	284	108566	26.15	ng	# 77
68) Atrazine	12.53	200	103638	29.09	ng	96
69) Pentachlorophenol	12.63	266	130374	59.76	ng	98
70) Phenanthrene	12.90	178	561800	29.35	ng	99
71) Anthracene	12.96	178	531089	27.96	ng	99
72) Carbazole	13.16	167	505789	28.00	ng	99
73) Di-n-butylphthalate	13.62	149	626821	29.55	ng	98
74) Fluoranthene	14.37	202	601238	28.75	ng	98
76) Benzidine	14.55	184	366359	31.87	ng	98
77) Pyrene	14.65	202	633751	30.45	ng	99
79) Butylbenzylphthalate	15.48	149	268214	31.32	ng	98
80) Benzo(a)anthracene	16.15	228	576594	28.91	ng	99
81) 3,3'-Dichlorobenzidine	16.12	252	175318	23.99	ng	# 99
82) Chrysene	16.19	228	512985	27.40	ng	99
83) Bis(2-ethylhexyl)phthalate	16.21	149	403368	29.38	ng	# 95
84) Di-n-octyl phthalate	17.01	149	718111	31.32	ng	99
85) Indeno(1,2,3-cd)pyrene	19.38	276	569973	26.70	ng	99
87) Benzo(b)fluoranthene	17.47	252	584161	29.76	ng	# 95
88) Benzo(k)fluoranthene	17.50	252	489127	25.43	ng	99
89) Benzo(a)pyrene	17.85	252	538995	28.83	ng	# 96
90) Dibenzo(a,h)anthracene	19.41	278	492566	27.63	ng	98
91) Benzo(g,h,i)perylene	19.81	276	492908	27.39	ng	98

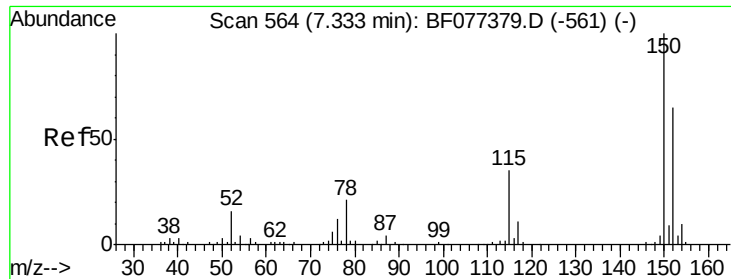
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.27 min Scan# 559

Delta R.T. 0.01 min

Lab File: BF077488.D

Acq: 27 Feb 2015 4:04

Instrument :

BNA_F

ClientSampleId :

B-11-D910MS

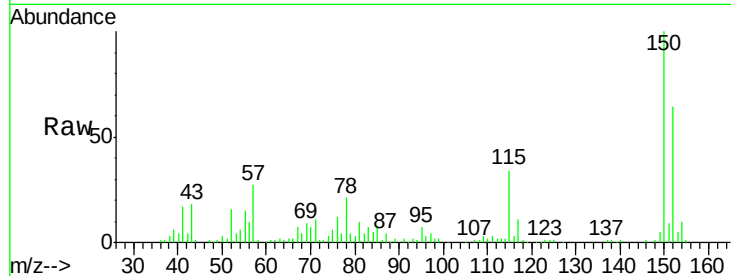
Tgt Ion:152 Resp: 71938

Ion Ratio Lower Upper

152 100

150 157.4 124.0 186.0

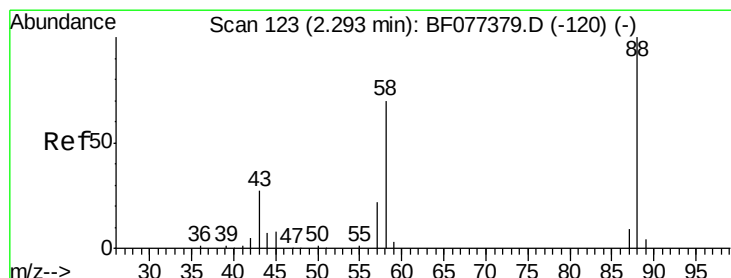
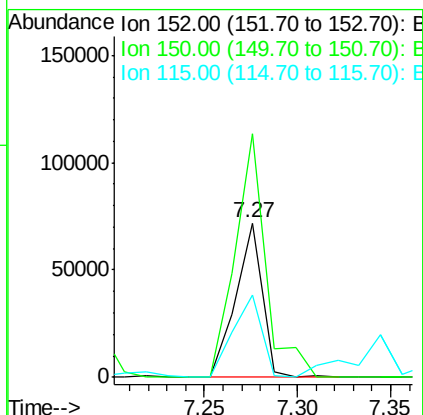
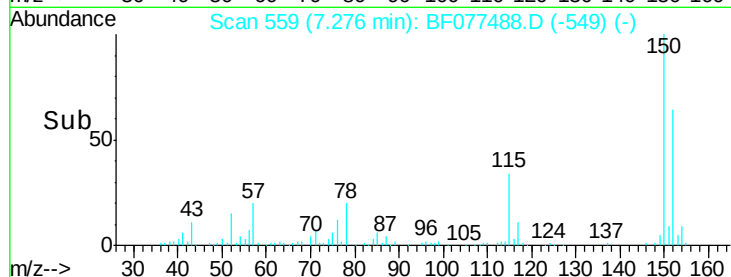
115 52.8 49.4 74.2



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



#2

1,4-Dioxane

Concen: 25.51 ng

RT: 2.21 min Scan# 116

Delta R.T. 0.02 min

Lab File: BF077488.D

Acq: 27 Feb 2015 4:04

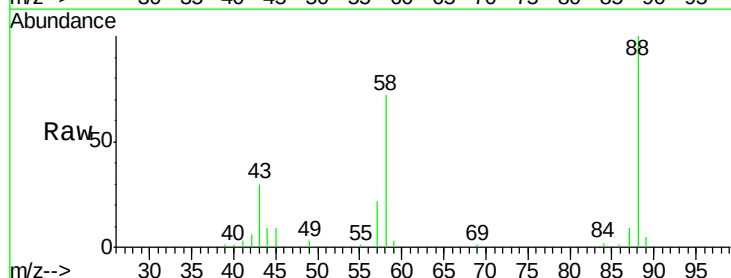
Tgt Ion: 88 Resp: 46646

Ion Ratio Lower Upper

88 100

58 74.2 62.1 93.1

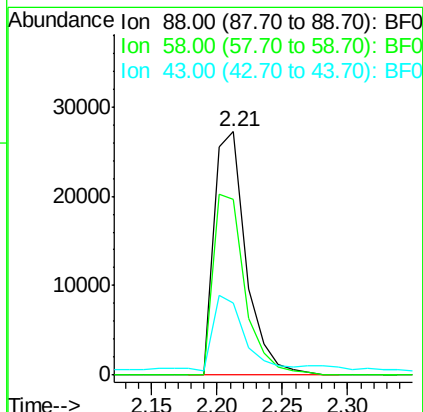
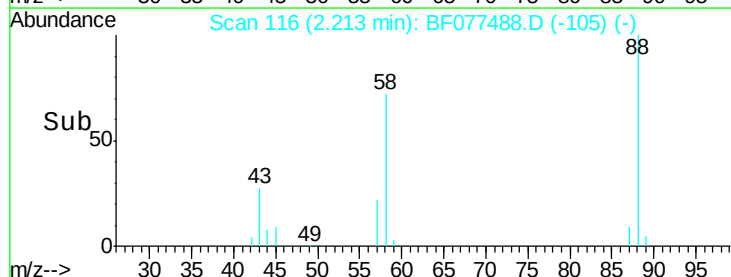
43 29.9 24.0 36.0

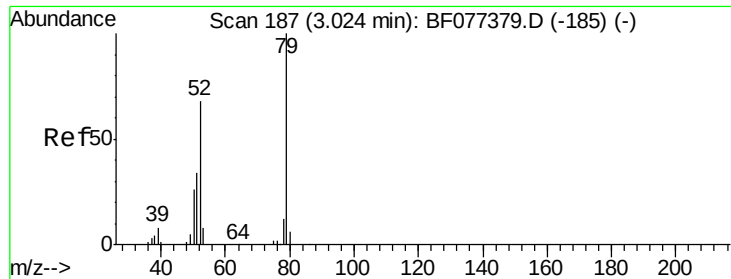


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 23.01 ng

RT: 2.96 min Scan# 181

Delta R.T. 0.05 min

Lab File: BF077488.D

Acq: 27 Feb 2015 4:04

Instrument :

BNA_F

ClientSampleId :

B-11-D910MS

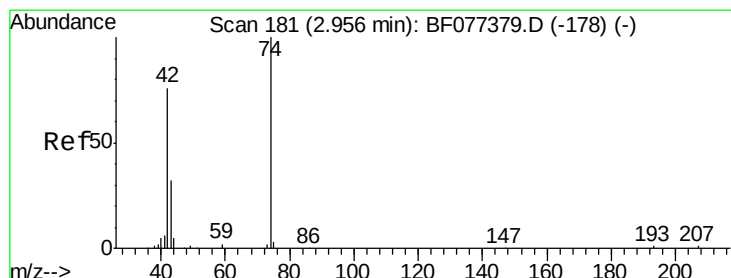
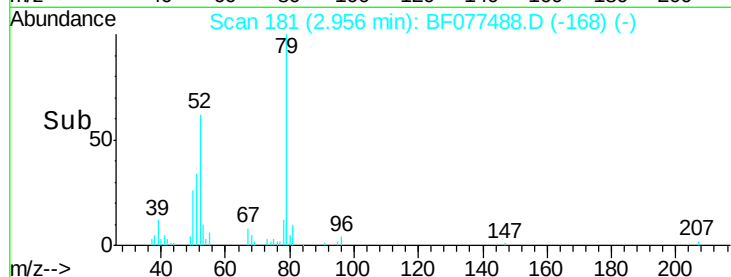
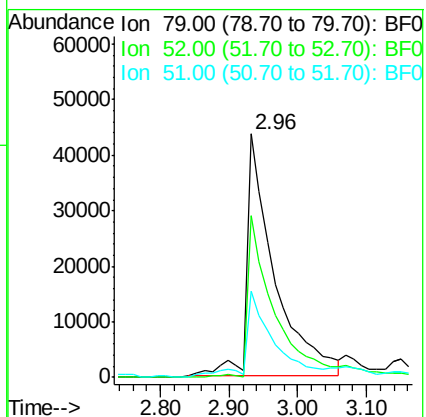
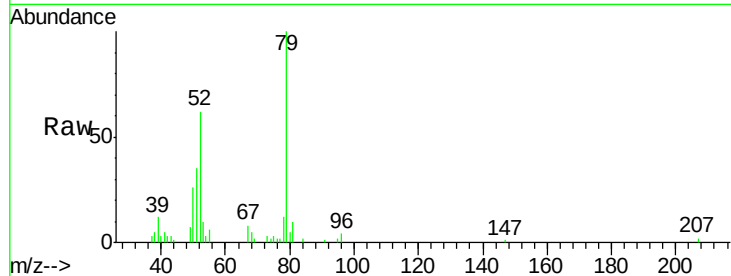
Tgt Ion: 79 Resp: 120386

Ion Ratio Lower Upper

79 100

52 61.8 57.7 86.5

51 35.0 28.5 42.7



#4

n-Nitrosodimethylamine

Concen: 32.43 ng

RT: 2.87 min Scan# 174

Delta R.T. 0.03 min

Lab File: BF077488.D

Acq: 27 Feb 2015 4:04

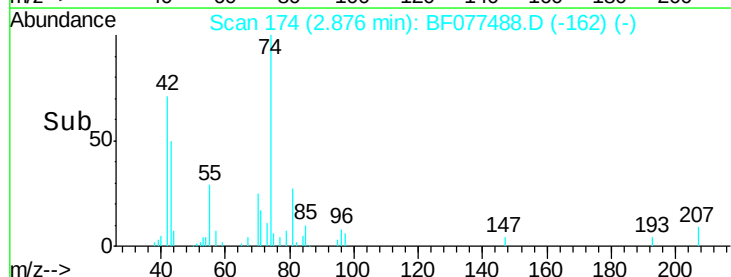
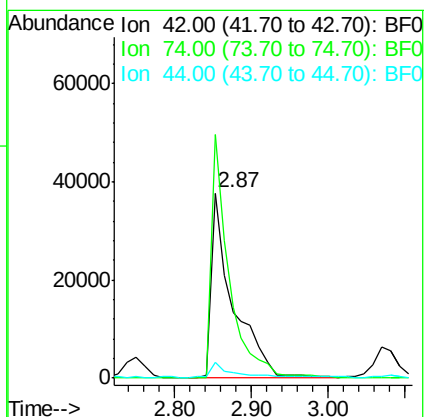
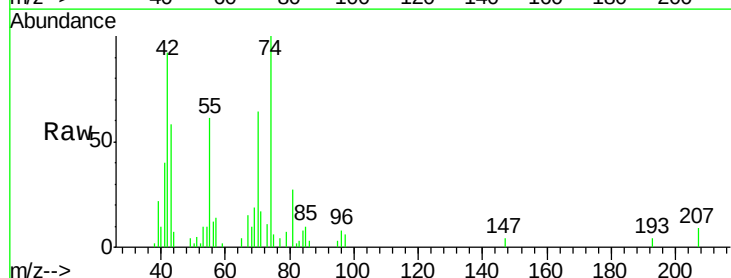
Tgt Ion: 42 Resp: 73768

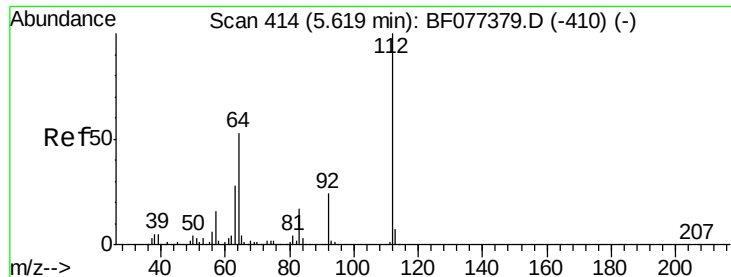
Ion Ratio Lower Upper

42 100

74 108.2 107.1 160.7

44 7.9 6.7 10.1





#5

2-Fluorophenol

Concen: 91.38 ng

RT: 5.56 min Scan# 409

Delta R.T. 0.01 min

Lab File: BF077488.D

Acq: 27 Feb 2015 4:04

Instrument :

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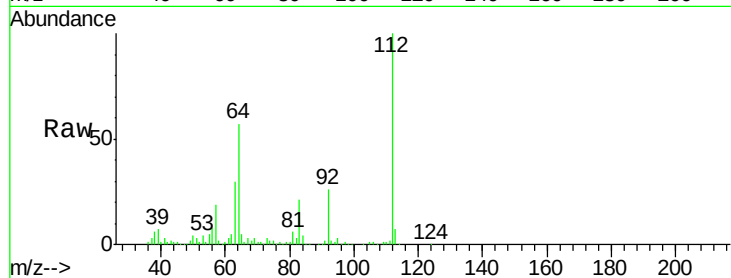
Tgt Ion: 112 Resp: 393778

Ion Ratio Lower Upper

112 100

64 57.2 48.5 72.7

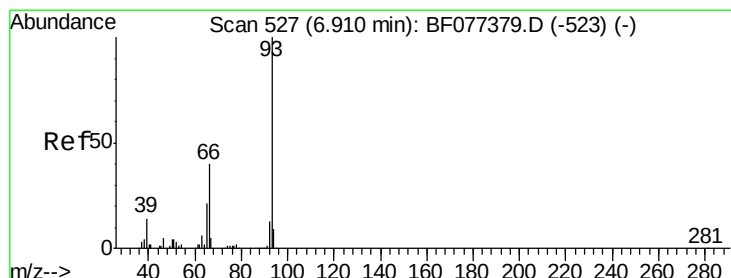
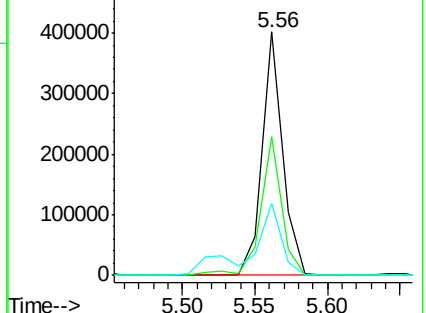
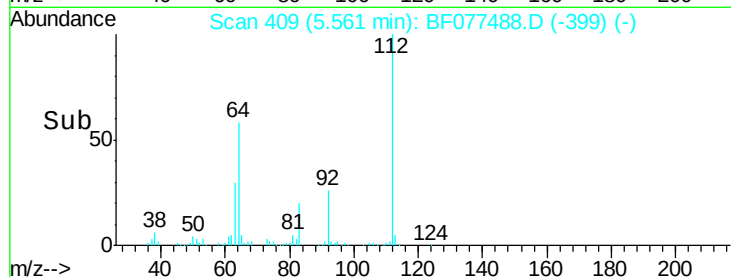
63 29.6 25.0 37.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 8.03 ng

RT: 6.86 min Scan# 523

Delta R.T. 0.01 min

Lab File: BF077488.D

Acq: 27 Feb 2015 4:04

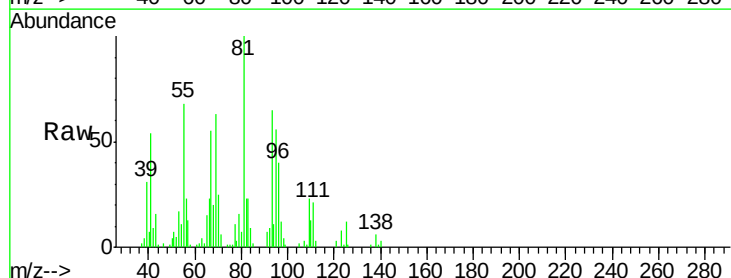
Tgt Ion: 93 Resp: 61509

Ion Ratio Lower Upper

93 100

66 35.7 29.1 43.7

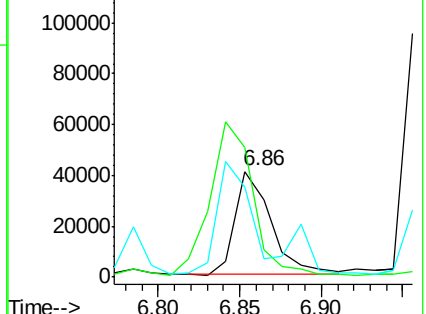
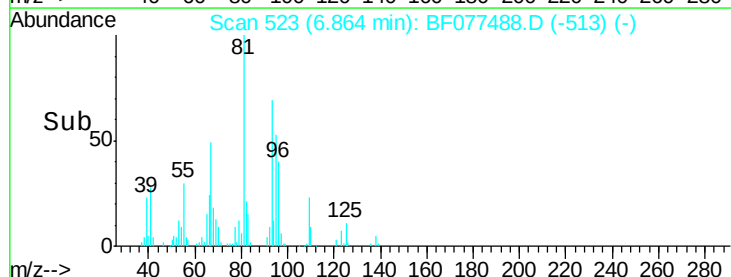
65 23.6 14.6 22.0#

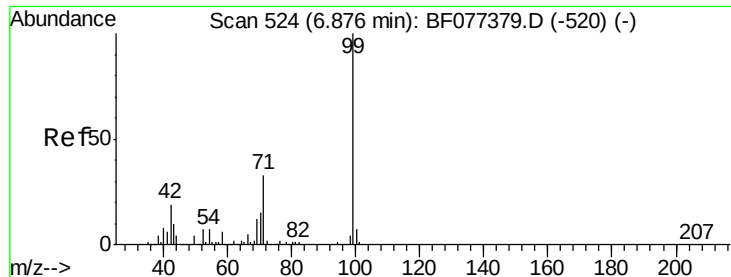


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 89.16 ng

RT: 6.83 min Scan# 520

Delta R.T. 0.01 min

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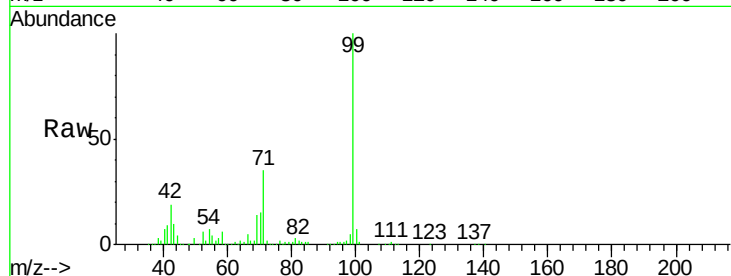
Tgt Ion: 99 Resp: 493996

Ion Ratio Lower Upper

99 100

42 18.8 16.2 24.4

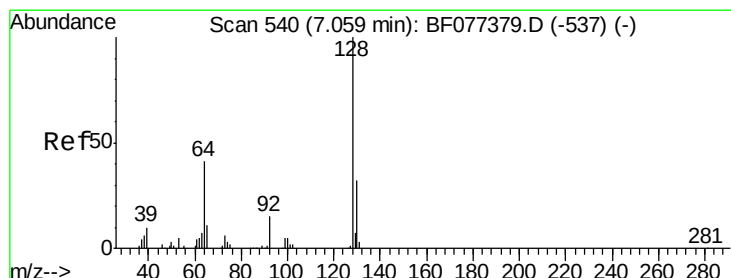
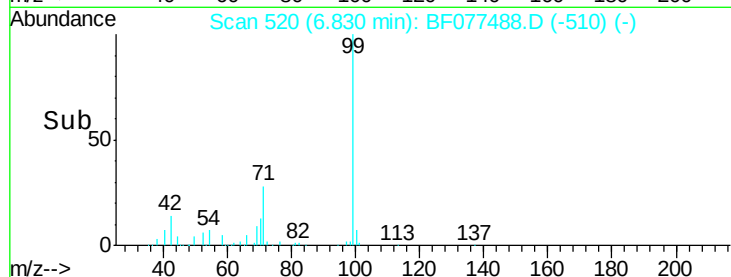
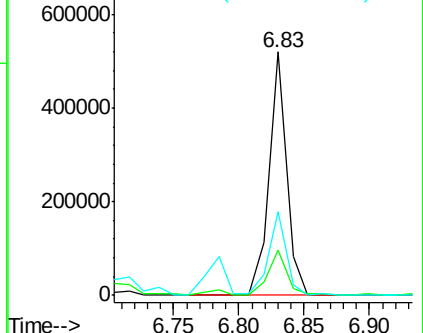
71 34.6 26.7 40.1



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 29.65 ng

RT: 7.00 min Scan# 535

Delta R.T. 0.00 min

Lab File: BF077488.D

Acq: 27 Feb 2015 4:04

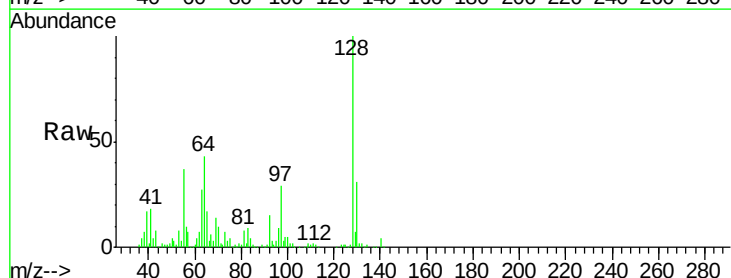
Tgt Ion: 128 Resp: 150699

Ion Ratio Lower Upper

128 100

130 31.4 12.0 52.0

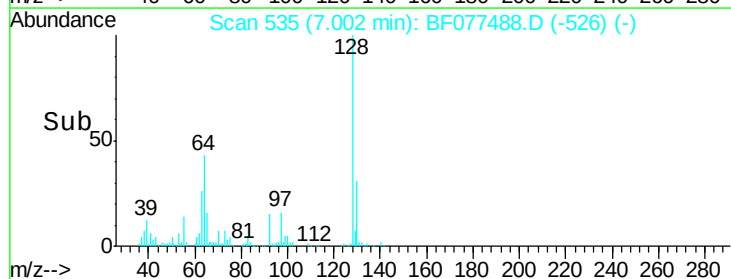
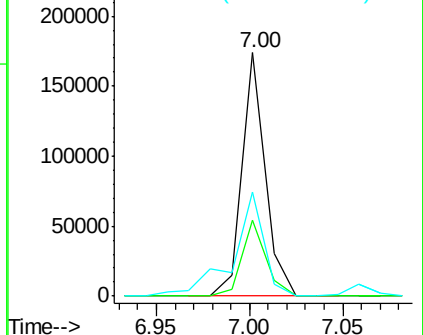
64 42.9 29.2 69.2

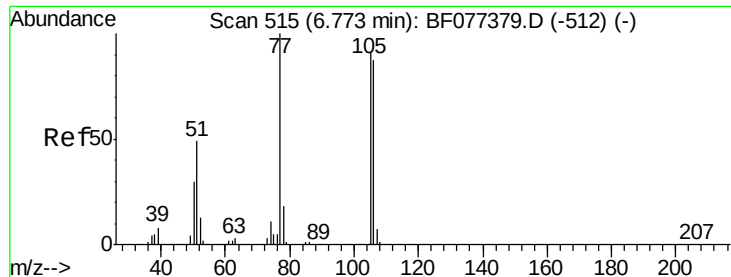


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 29.98 ng

RT: 6.69 min Scan# 508

Delta R.T. -0.02 min

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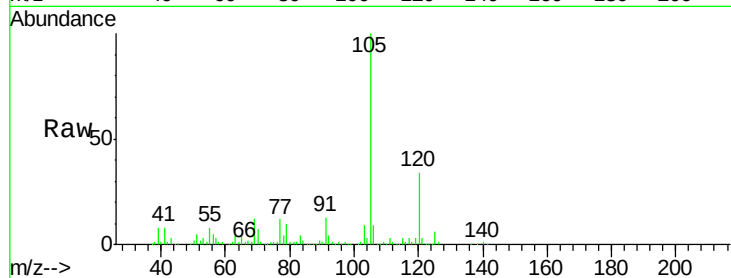
Tgt Ion: 77 Resp: 100845

Ion Ratio Lower Upper

77 100

105 818.4 85.9 125.9#

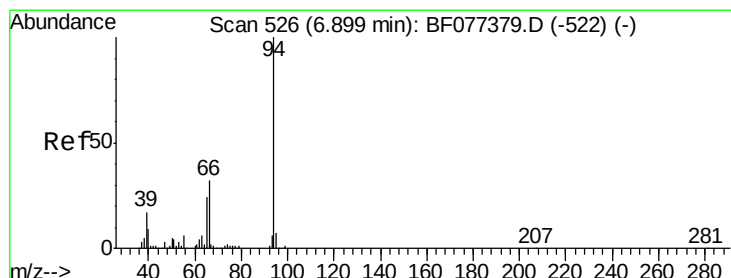
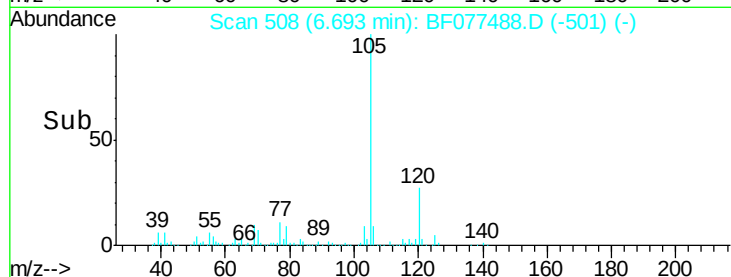
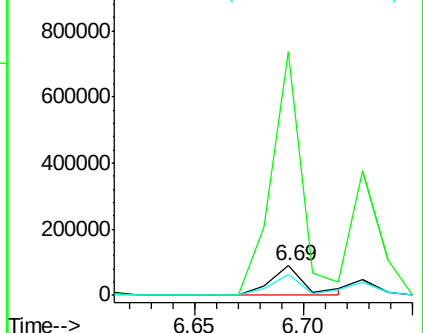
106 71.9 82.9 122.9#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 28.26 ng

RT: 6.85 min Scan# 521

Delta R.T. 0.01 min

Lab File: BF077488.D

Acq: 27 Feb 2015 4:04

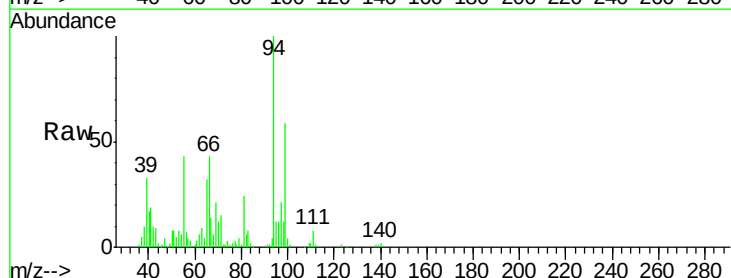
Tgt Ion: 94 Resp: 185791

Ion Ratio Lower Upper

94 100

65 32.2 5.7 45.7

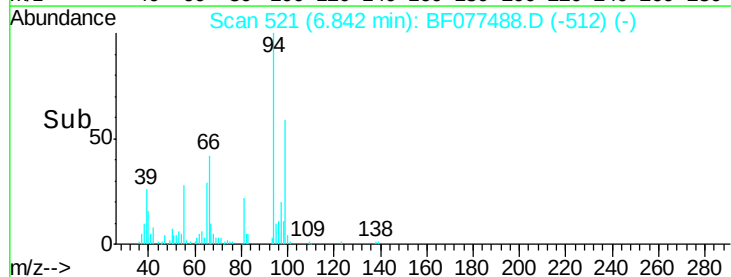
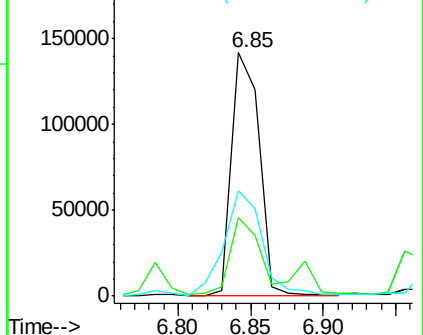
66 43.0 13.6 53.6

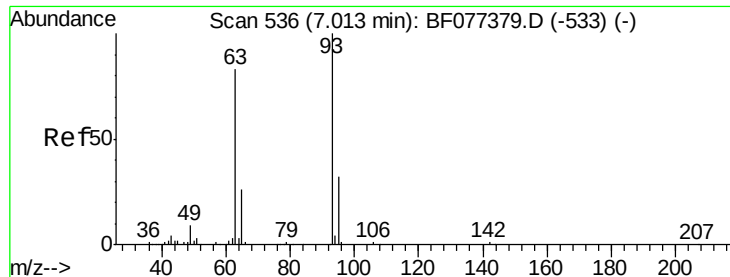


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 27.46 ng

RT: 6.96 min Scan# 531

Delta R.T. 0.01 min

Lab File: BF077488.D

Acq: 27 Feb 2015 4:04

Instrument :

BNA_F

ClientSampleId :

B-11-D910MS

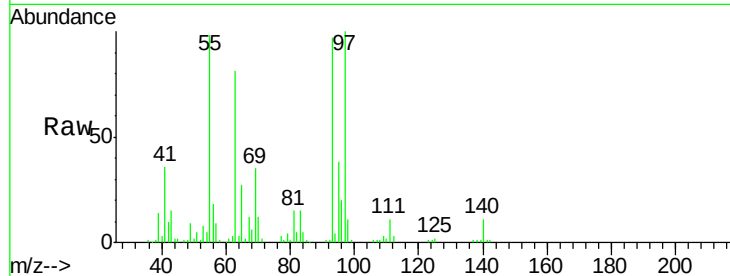
Tgt Ion: 93 Resp: 129712

Ion Ratio Lower Upper

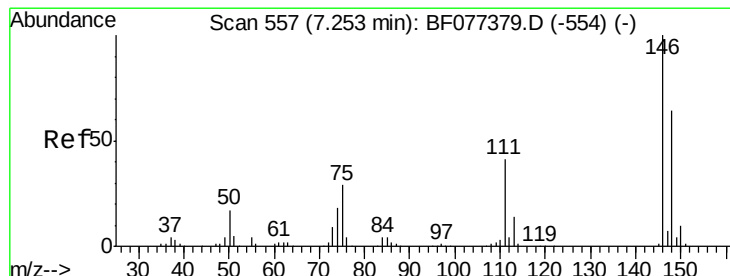
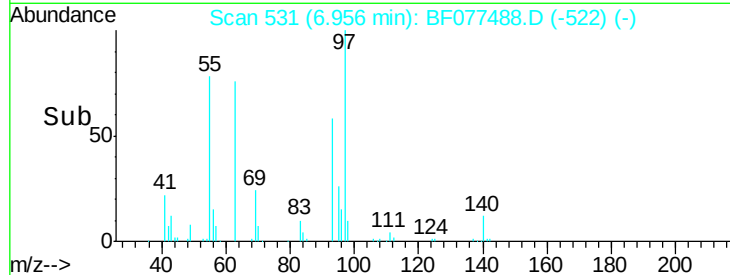
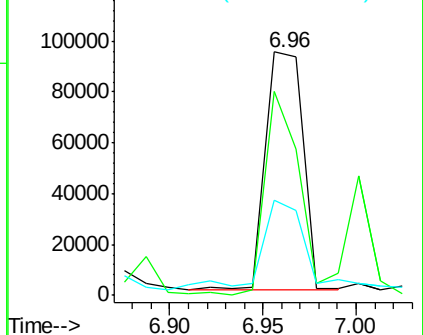
93 100

63 83.5 48.7 88.7

95 39.1 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: 28.51 ng

RT: 7.20 min Scan# 552

Delta R.T. -0.00 min

Lab File: BF077488.D

Acq: 27 Feb 2015 4:04

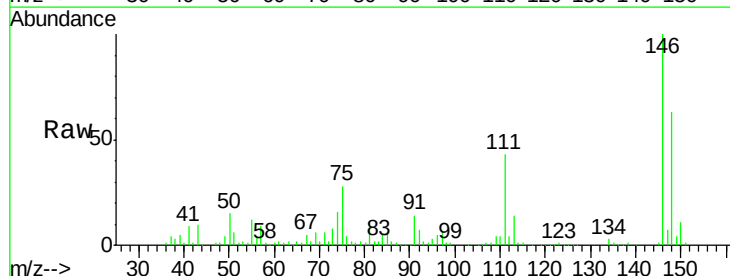
Tgt Ion: 146 Resp: 157791

Ion Ratio Lower Upper

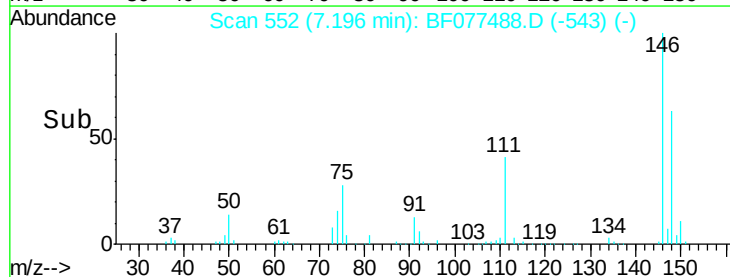
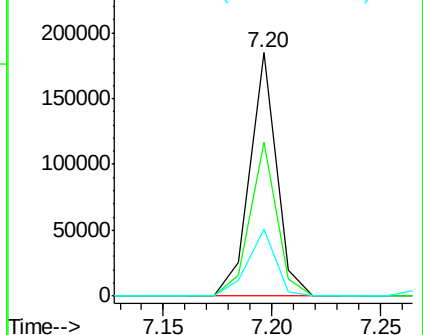
146 100

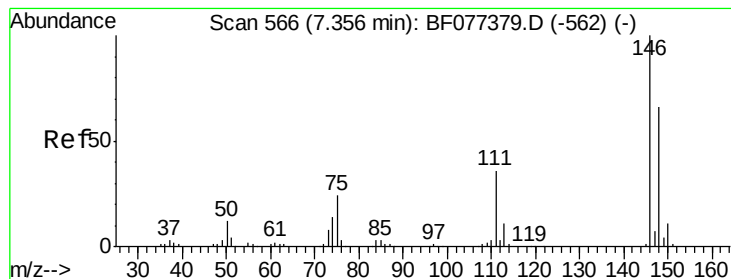
148 63.0 49.8 74.8

75 27.7 28.2 42.4#



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 28.64 ng

RT: 7.29 min Scan# 561

Delta R.T. 0.01 min

Lab File: BF077488.D

Acq: 27 Feb 2015 4:04

Instrument :

BNA_F

ClientSampleId :

B-11-D910MS

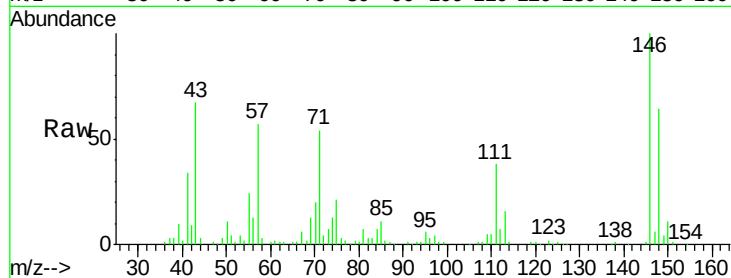
Tgt Ion:146 Resp: 161257

Ion Ratio Lower Upper

146 100

148 64.1 52.0 78.0

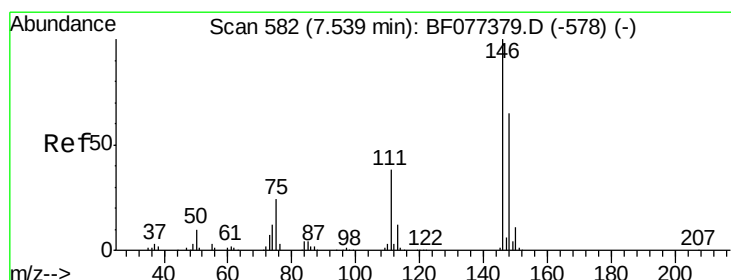
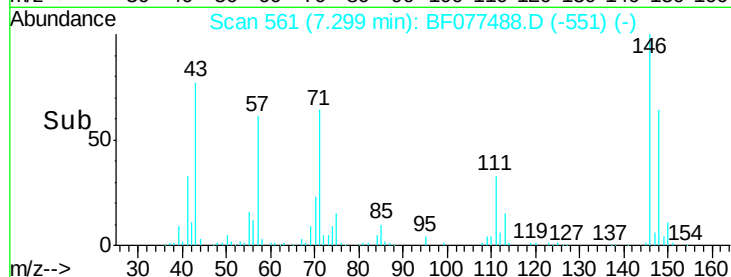
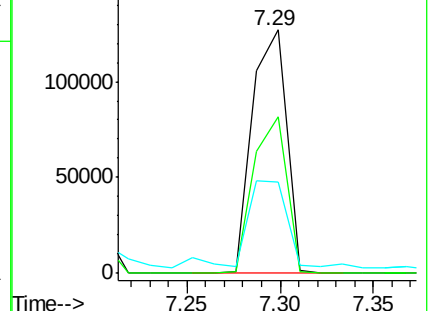
111 37.6 31.9 47.9



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 28.26 ng

RT: 7.48 min Scan# 577

Delta R.T. 0.01 min

Lab File: BF077488.D

Acq: 27 Feb 2015 4:04

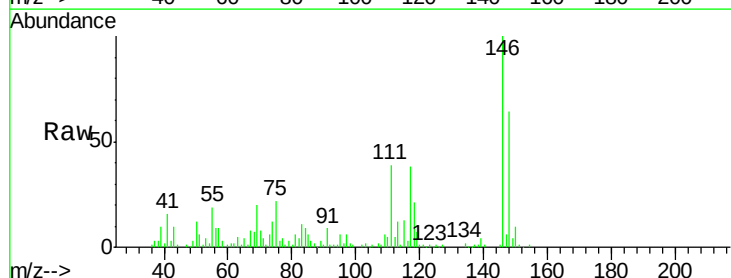
Tgt Ion:146 Resp: 151365

Ion Ratio Lower Upper

146 100

148 64.3 51.6 77.4

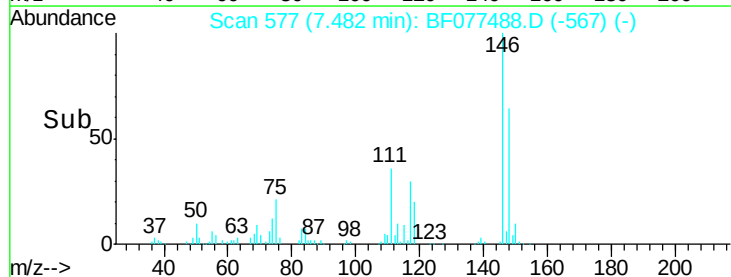
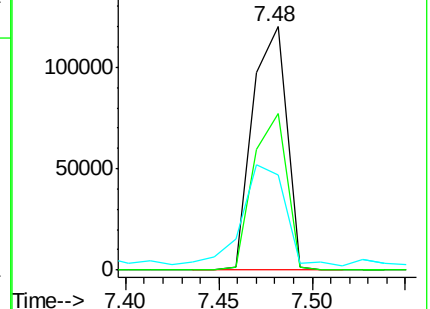
111 39.1 34.2 51.2

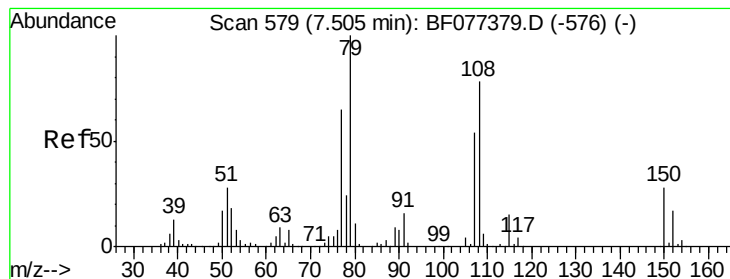


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 31.53 ng

RT: 7.45 min Scan# 574

Delta R.T. 0.00 min

Lab File: BF077488.D

Acq: 27 Feb 2015 4:04

Instrument :

BNA_F

ClientSampleId :

B-11-D910MS

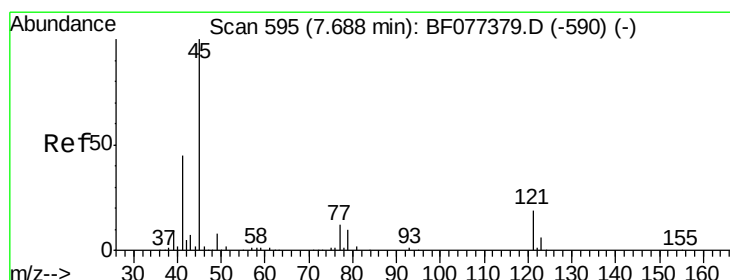
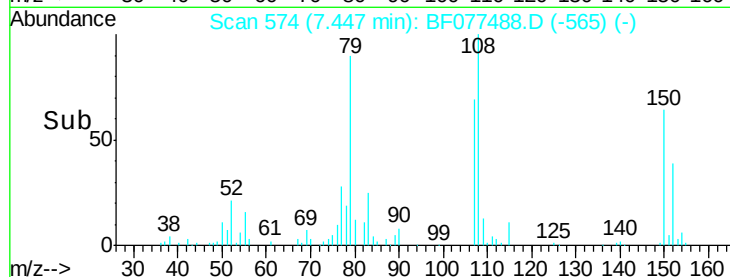
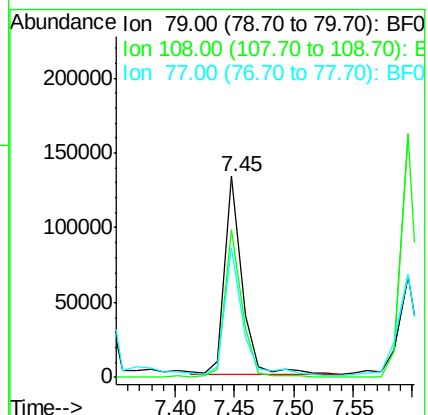
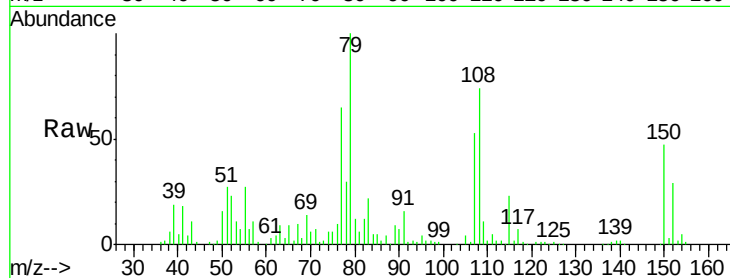
Tgt Ion: 79 Resp: 132774

Ion Ratio Lower Upper

79 100

108 73.6 58.3 87.5

77 64.8 51.3 76.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 26.81 ng

RT: 7.63 min Scan# 590

Delta R.T. -0.00 min

Lab File: BF077488.D

Acq: 27 Feb 2015 4:04

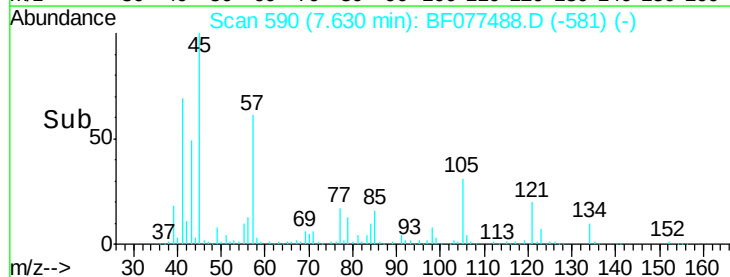
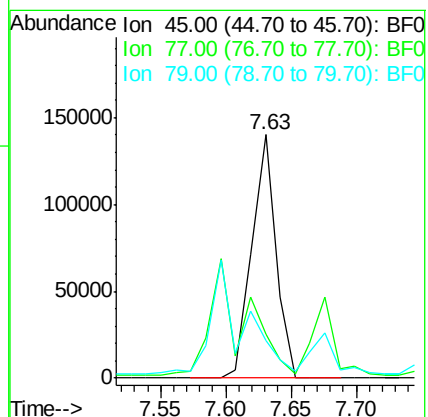
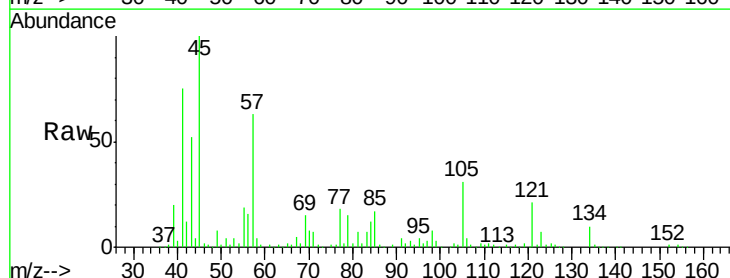
Tgt Ion: 45 Resp: 181053

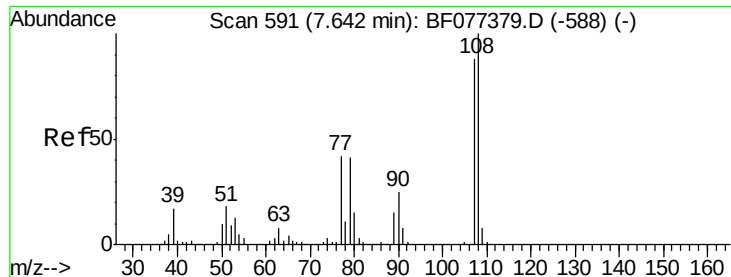
Ion Ratio Lower Upper

45 100

77 18.1 0.0 34.6

79 15.3 0.0 31.5

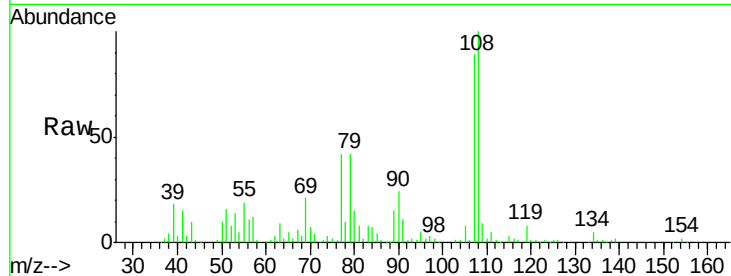




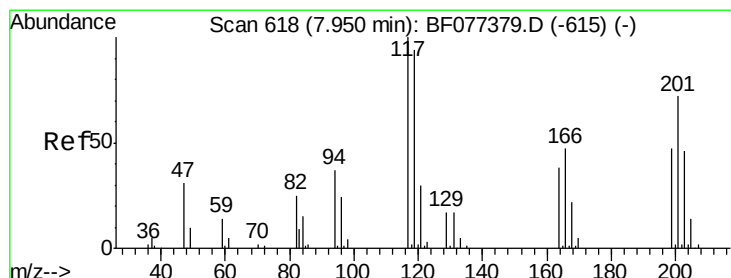
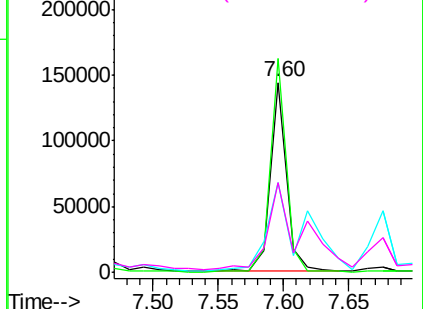
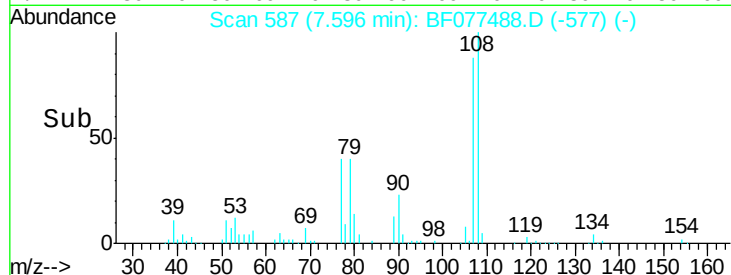
#17
2-Methylphenol
Concen: 31.30 ng
RT: 7.60 min Scan# 587
Delta R.T. 0.01 min
Lab File: BF077488.D
Acq: 27 Feb 2015 4:04

Instrument :
BNA_F
ClientSampleId :
B-11-D910MS

Tgt Ion:	107	Resp:	124379
Ion	Ratio	Lower	Upper
107	100		
108	112.6	91.2	136.8
77	47.5	33.6	50.4
79	47.0	32.1	48.1

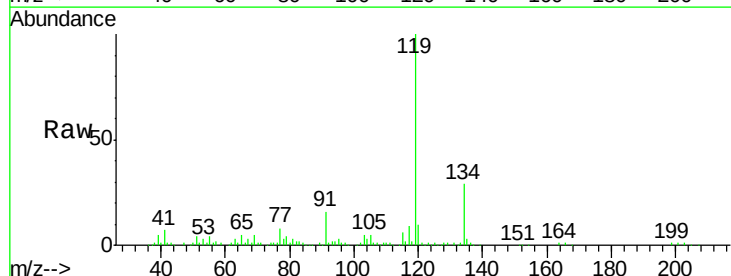


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

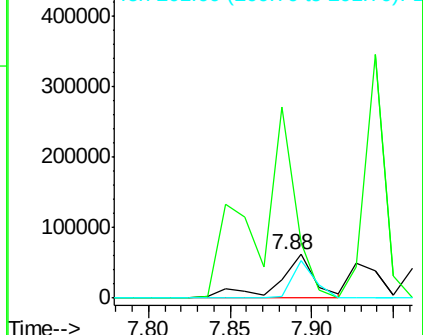
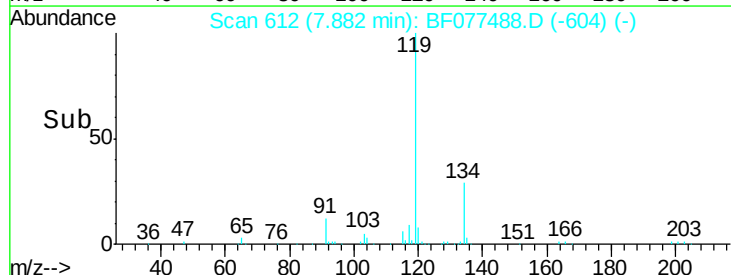


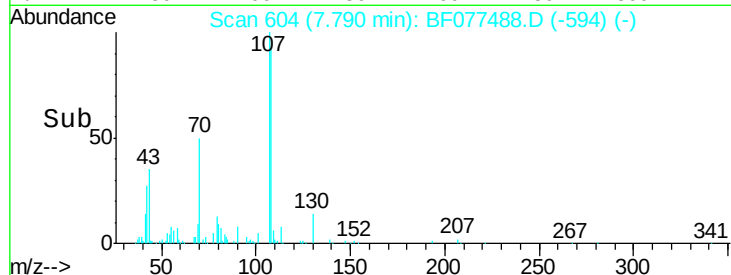
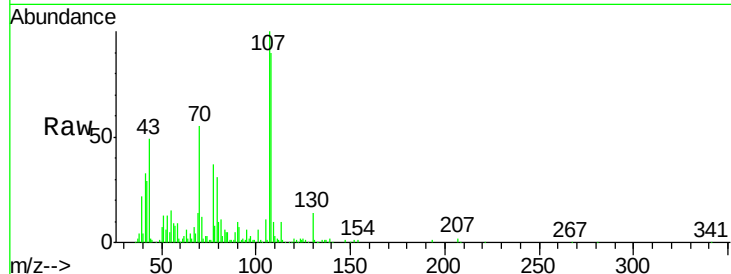
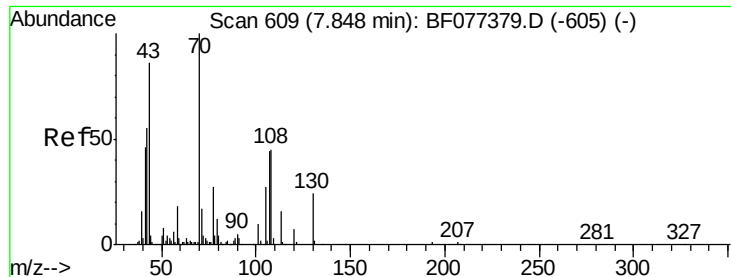
#18
Hexachloroethane
Concen: 50.52 ng
RT: 7.88 min Scan# 612
Delta R.T. -0.01 min
Lab File: BF077488.D
Acq: 27 Feb 2015 4:04

Tgt Ion:	117	Resp:	95024
Ion	Ratio	Lower	Upper
117	100		
119	1075.5	77.8	116.8#
201	12.5	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

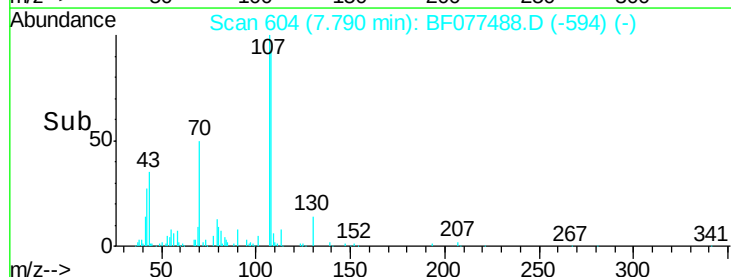
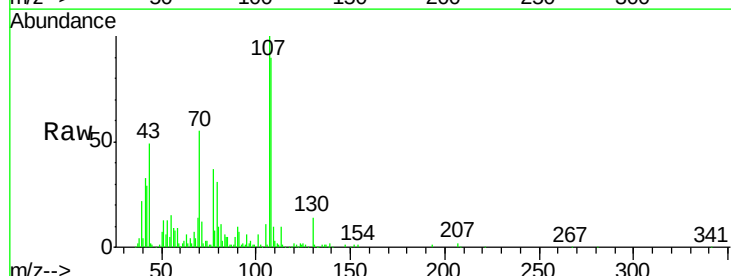
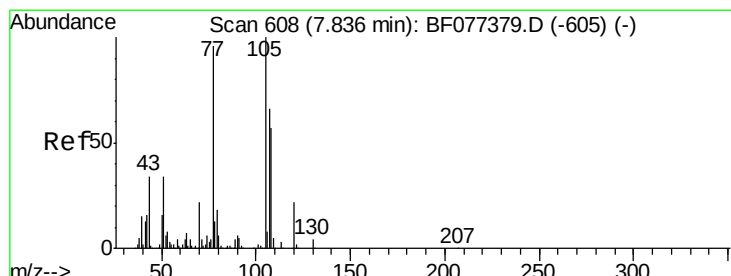
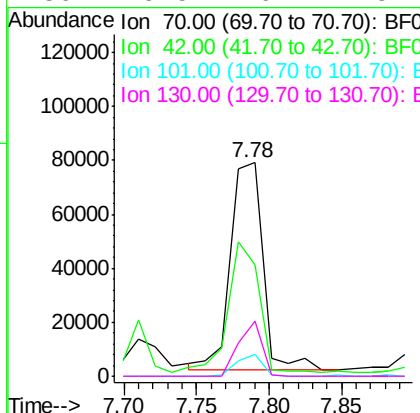




#19
n-Nitroso-di-n-propylamine
Concen: 34.27 ng
RT: 7.78 min Scan# 604
Delta R.T. 0.01 min
Lab File: BF077488.D
Acq: 27 Feb 2015 4:04

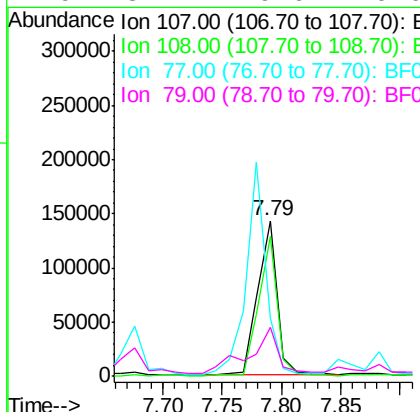
Instrument :
BNA_F
ClientSampleId :
B-11-D910MS

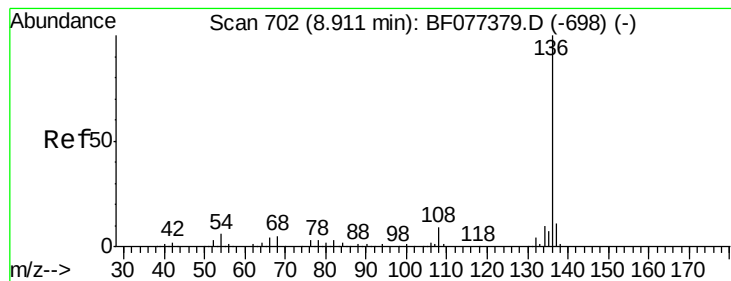
Tgt Ion: 70 Resp: 120592
Ion Ratio Lower Upper
70 100
42 51.9 48.3 72.5
101 10.4 7.5 11.3
130 25.5 16.7 25.1#



#20
3+4-Methylphenols
Concen: 31.41 ng
RT: 7.79 min Scan# 604
Delta R.T. 0.01 min
Lab File: BF077488.D
Acq: 27 Feb 2015 4:04

Tgt Ion: 107 Resp: 164384
Ion Ratio Lower Upper
107 100
108 89.8 76.8 116.8
77 37.1 65.8 105.8#
79 31.1 9.6 49.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.85 min Scan# 697

Delta R.T. 0.01 min

Lab File: BF077488.D

Acq: 27 Feb 2015 4:04

Instrument :

BNA_F

ClientSampleId :

B-11-D910MS

Tgt Ion:136 Resp: 295263

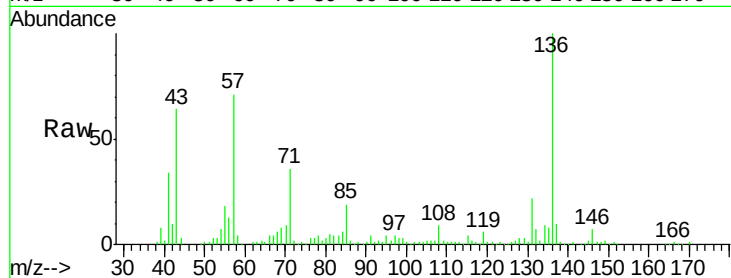
Ion Ratio Lower Upper

136 100

137 10.3 8.6 13.0

54 6.8 6.2 9.4

68 5.6 5.0 7.6

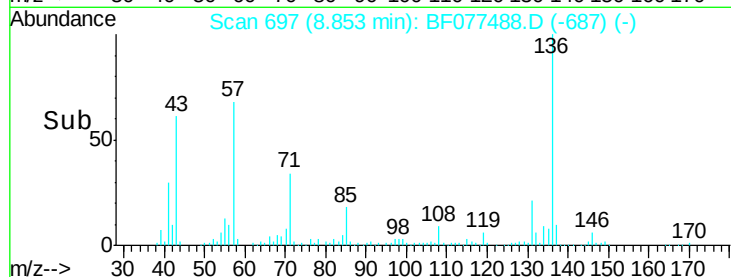


Abundance Ion 136.00 (135.70 to 136.70): E

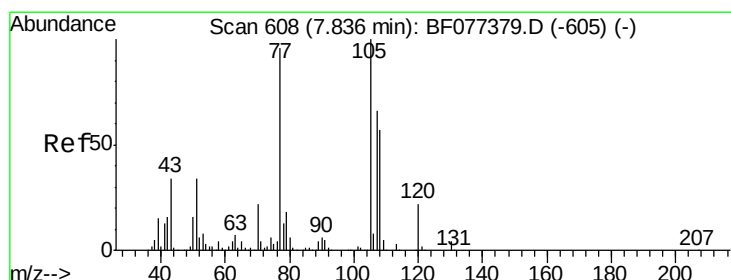
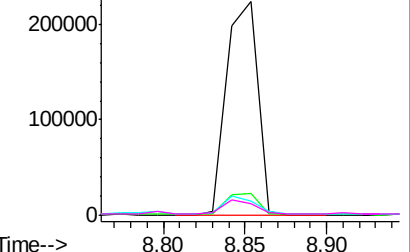
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 49.72 ng

RT: 7.77 min Scan# 602

Delta R.T. -0.01 min

Lab File: BF077488.D

Acq: 27 Feb 2015 4:04

Tgt Ion:105 Resp: 345292

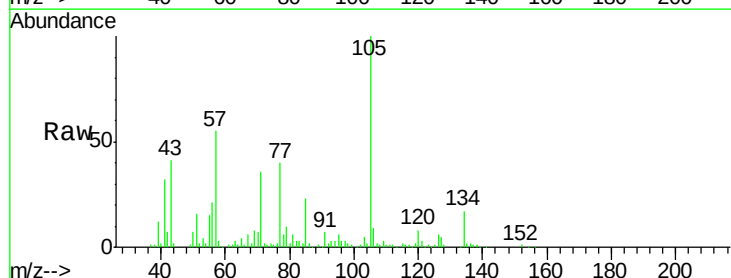
Ion Ratio Lower Upper

105 100

71 36.5 1.7 2.5#

51 15.6 30.7 46.1#

120 7.7 16.7 25.1#

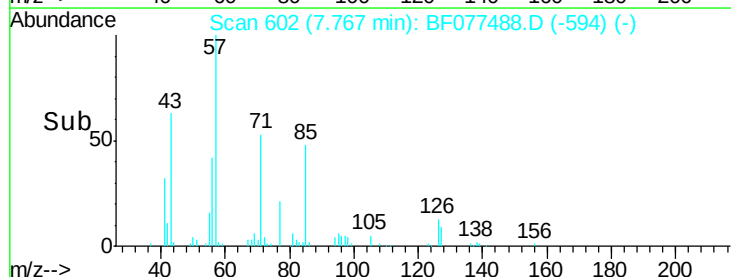


Abundance Ion 105.00 (104.70 to 105.70): E

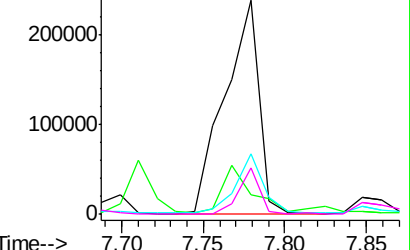
Ion 71.00 (70.70 to 71.70): BF0

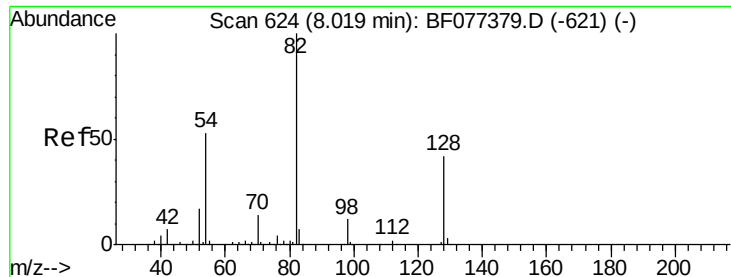
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

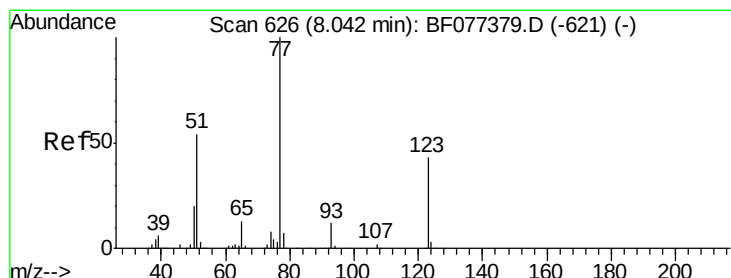
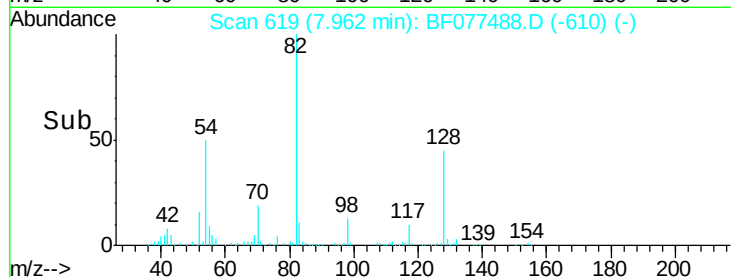
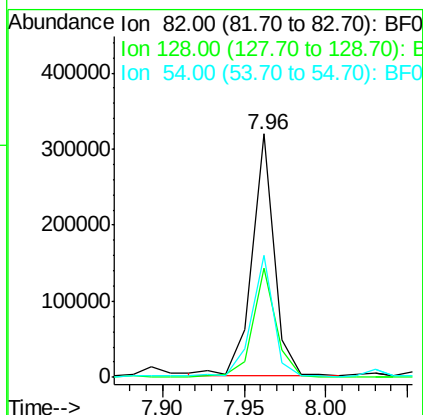
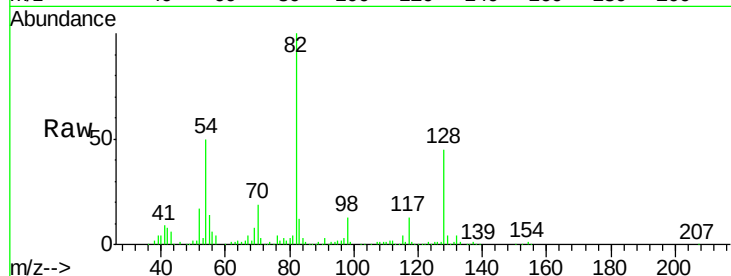




#23
Nitrobenzene-d5
Concen: 61.96 ng
RT: 7.96 min Scan# 619
Delta R.T. -0.00 min
Lab File: BF077488.D
Acq: 27 Feb 2015 4:04

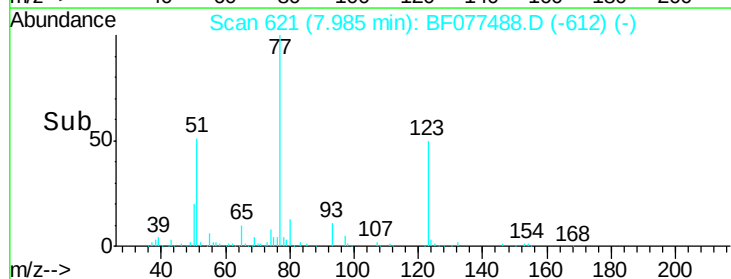
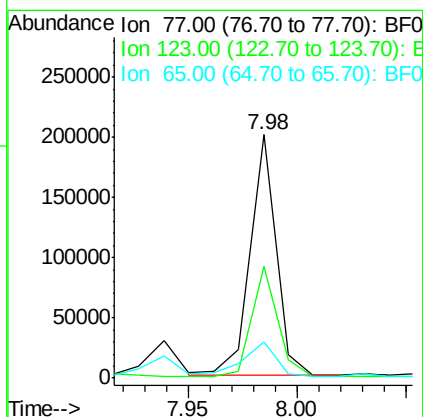
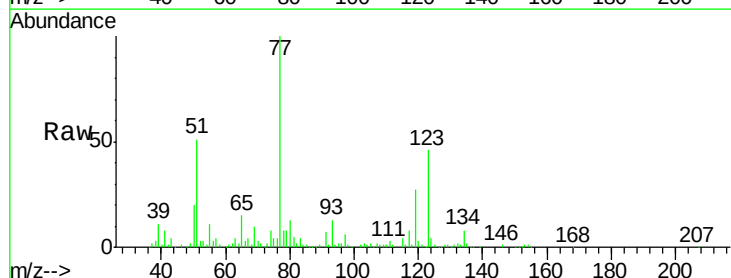
Instrument :
BNA_F
ClientSampleId :
B-11-D910MS

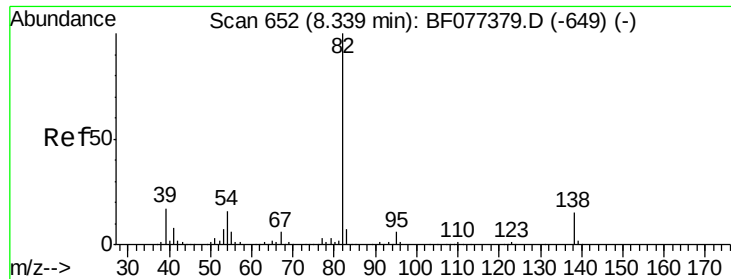
Tgt Ion: 82 Resp: 294176
Ion Ratio Lower Upper
82 100
128 45.1 43.8 65.8
54 50.1 36.7 55.1



#24
Nitrobenzene
Concen: 33.20 ng
RT: 7.98 min Scan# 621
Delta R.T. -0.00 min
Lab File: BF077488.D
Acq: 27 Feb 2015 4:04

Tgt Ion: 77 Resp: 165844
Ion Ratio Lower Upper
77 100
123 46.0 45.9 68.9
65 15.1 9.5 14.3#





#25

Isophorone

Concen: 30.17 ng

RT: 8.28 min Scan# 647

Delta R.T. 0.00 min

Lab File: BF077488.D

Acq: 27 Feb 2015 4:04

Instrument :

BNA_F

ClientSampleId :

B-11-D910MS

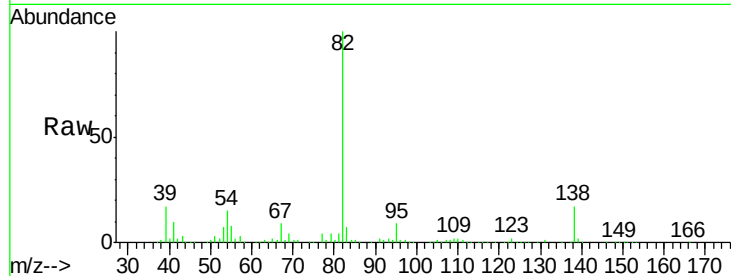
Tgt Ion: 82 Resp: 284183

Ion Ratio Lower Upper

82 100

95 8.7 5.4 8.2#

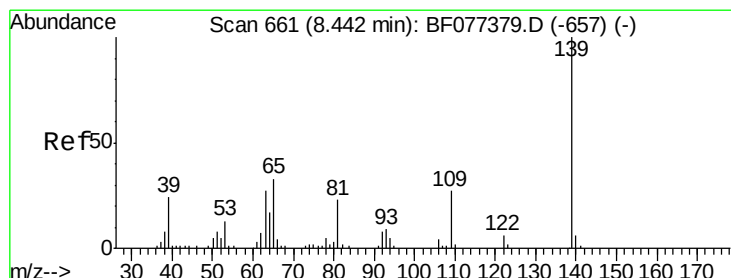
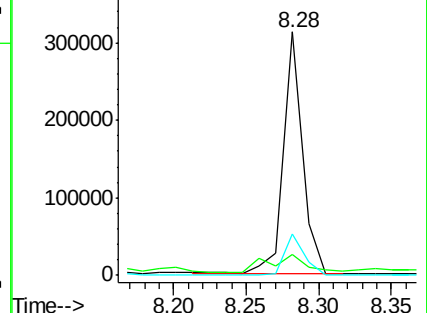
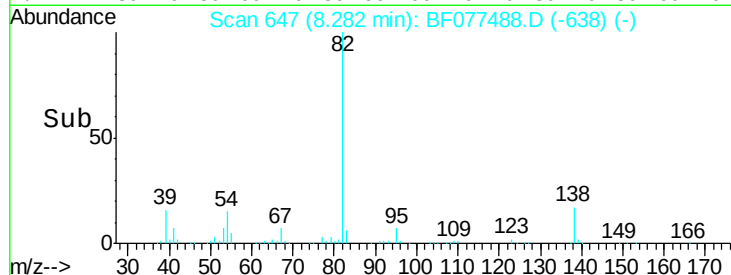
138 17.1 16.3 24.5



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: 33.66 ng

RT: 8.38 min Scan# 655

Delta R.T. 0.01 min

Lab File: BF077488.D

Acq: 27 Feb 2015 4:04

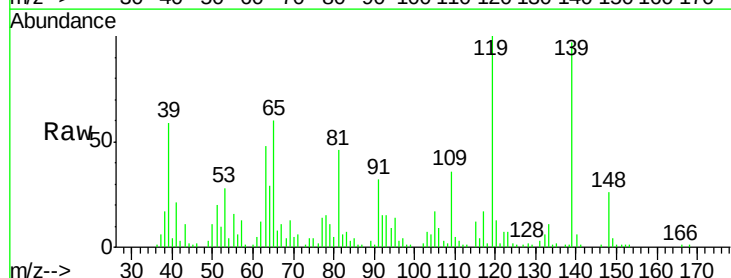
Tgt Ion: 139 Resp: 68914

Ion Ratio Lower Upper

139 100

109 37.5 22.6 34.0#

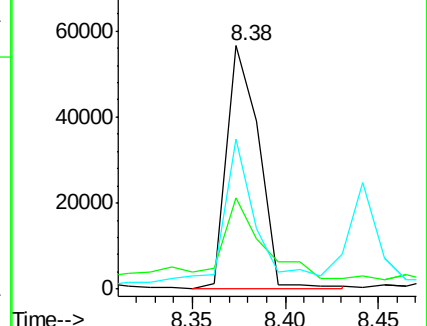
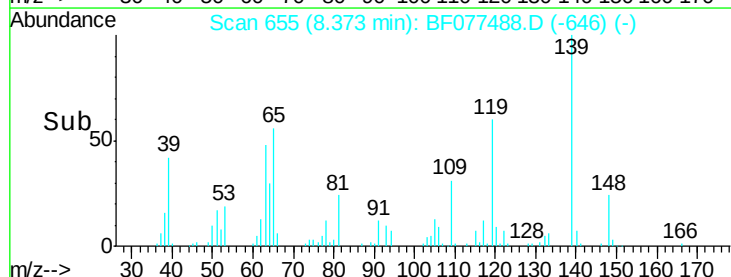
65 61.8 36.4 54.6#

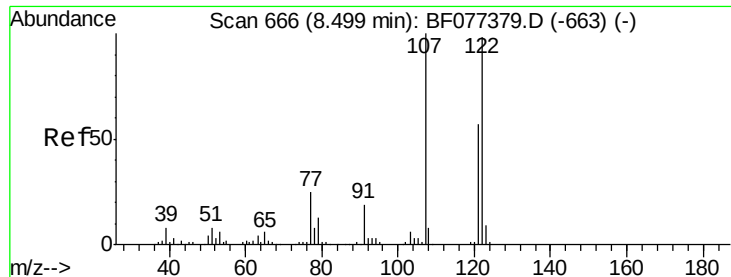


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

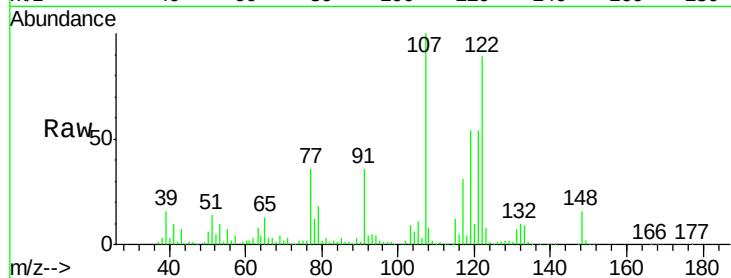




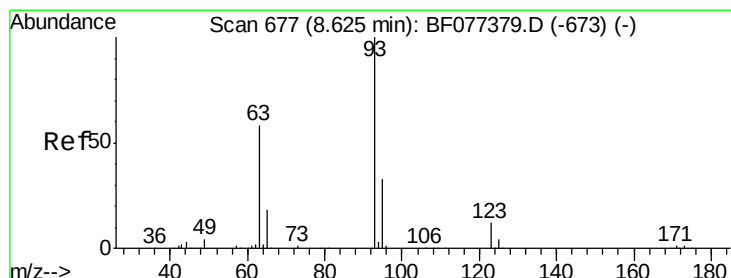
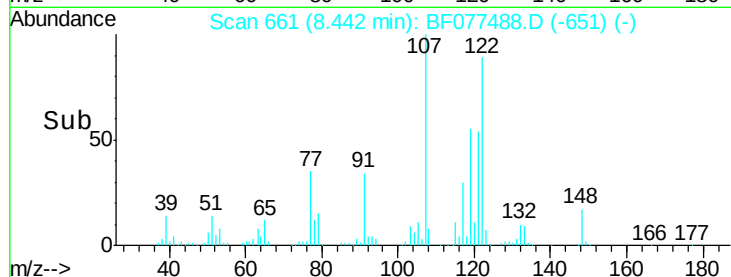
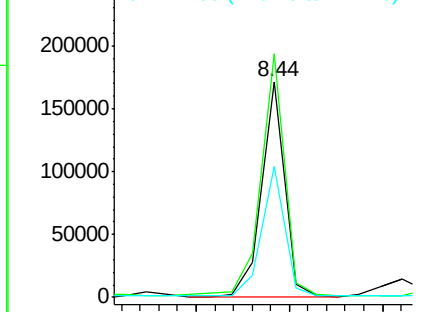
#27
2,4-Dimethylphenol
Concen: 31.54 ng
RT: 8.44 min Scan# 661
Delta R.T. 0.01 min
Lab File: BF077488.D
Acq: 27 Feb 2015 4:04

Instrument :
BNA_F
ClientSampleId :
B-11-D910MS

Tgt Ion:122 Resp: 144480
Ion Ratio Lower Upper
122 100
107 112.9 86.6 130.0
121 60.8 47.4 71.0

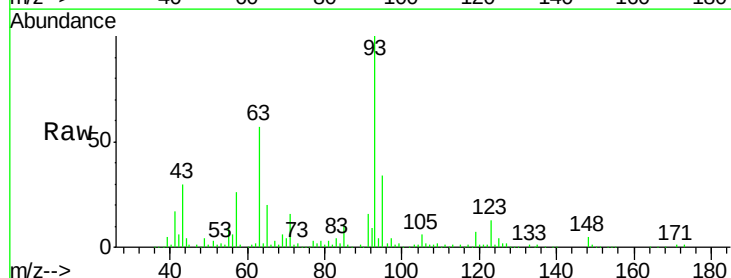


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

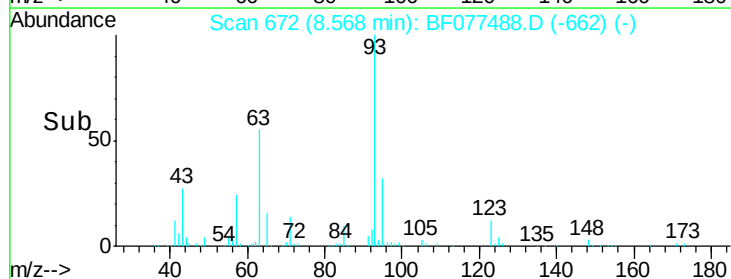
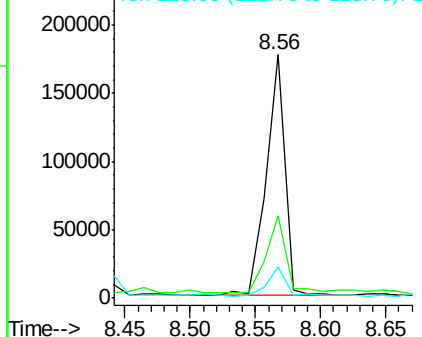


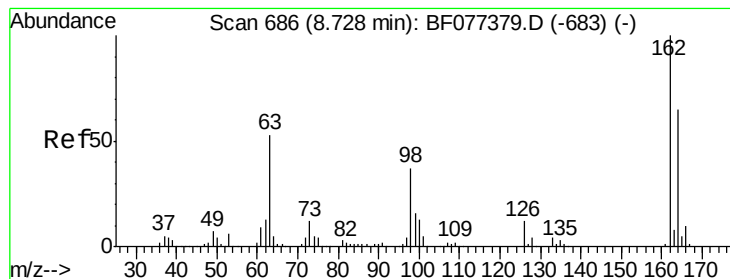
#28
bis(2-Chloroethoxy)methane
Concen: 29.85 ng
RT: 8.56 min Scan# 672
Delta R.T. 0.01 min
Lab File: BF077488.D
Acq: 27 Feb 2015 4:04

Tgt Ion: 93 Resp: 177650
Ion Ratio Lower Upper
93 100
95 34.0 26.4 39.6
123 12.7 8.7 13.1



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





#29

2,4-Dichlorophenol

Concen: 30.29 ng

RT: 8.68 min Scan# 682

Delta R.T. 0.01 min

Lab File: BF077488.D

Acq: 27 Feb 2015 4:04

Instrument :

BNA_F

ClientSampleId :

B-11-D910MS

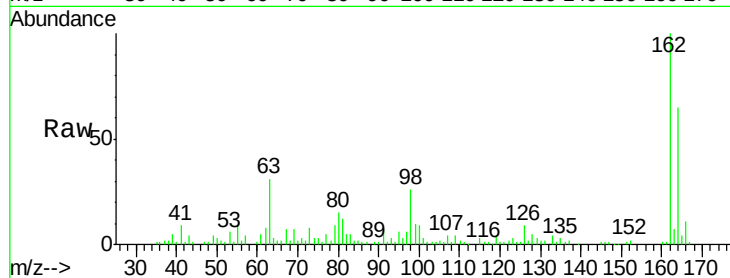
Tgt Ion:162 Resp: 130260

Ion Ratio Lower Upper

162 100

164 64.5 46.4 86.4

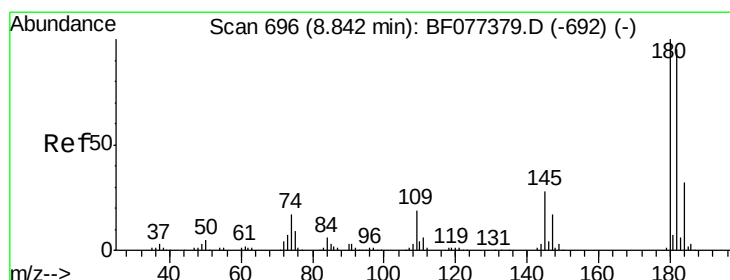
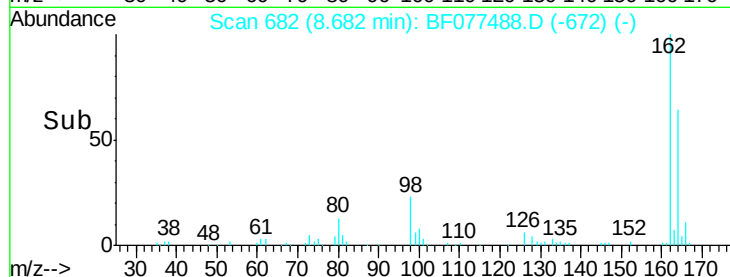
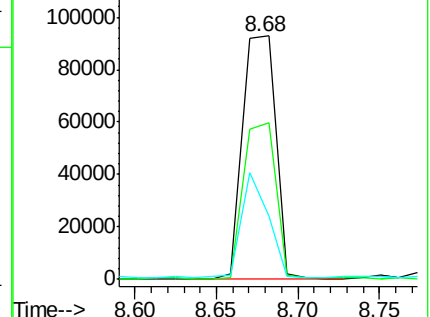
98 25.9 6.9 46.9



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): E



#30

1,2,4-Trichlorobenzene

Concen: 28.25 ng

RT: 8.78 min Scan# 691

Delta R.T. 0.01 min

Lab File: BF077488.D

Acq: 27 Feb 2015 4:04

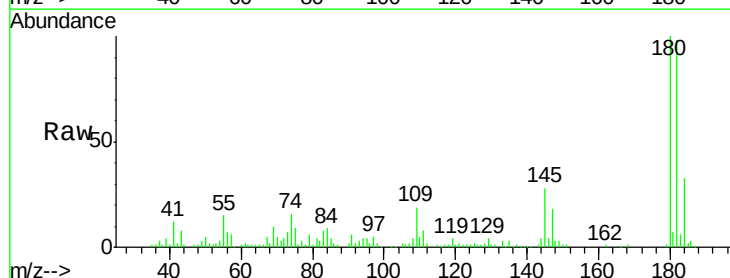
Tgt Ion:180 Resp: 133540

Ion Ratio Lower Upper

180 100

182 97.6 76.2 114.4

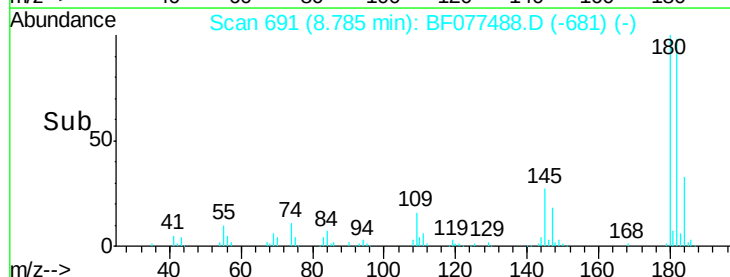
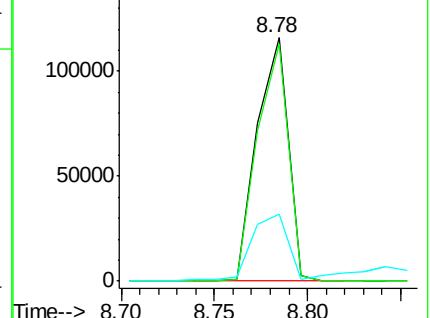
145 27.6 24.5 36.7

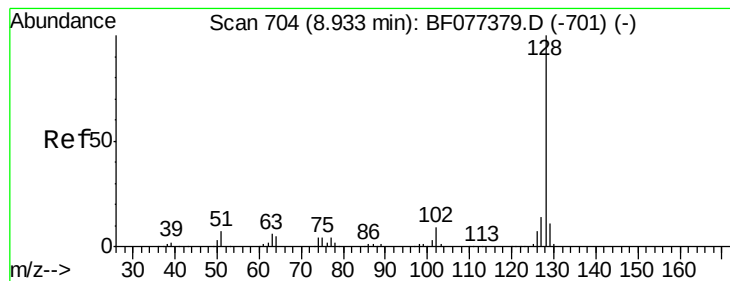


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 50.46 ng

RT: 8.87 min Scan# 699

Delta R.T. 0.01 min

Lab File: BF077488.D

Acq: 27 Feb 2015 4:04

Instrument :

BNA_F

ClientSampleId :

B-11-D910MS

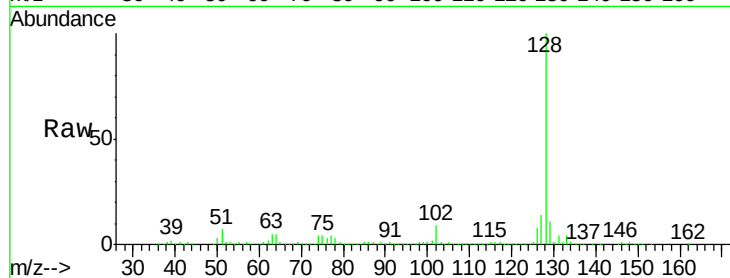
Tgt Ion:128 Resp: 745111

Ion Ratio Lower Upper

128 100

129 11.4 9.4 14.0

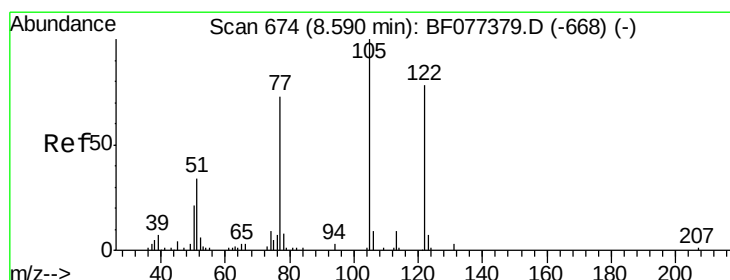
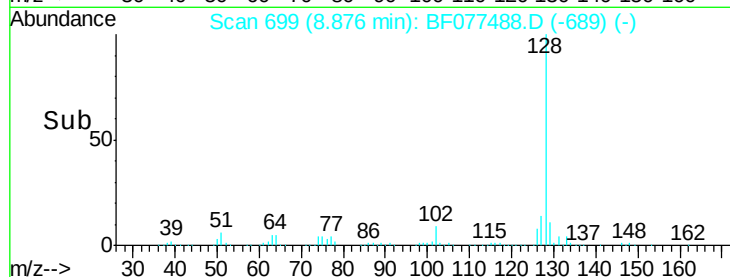
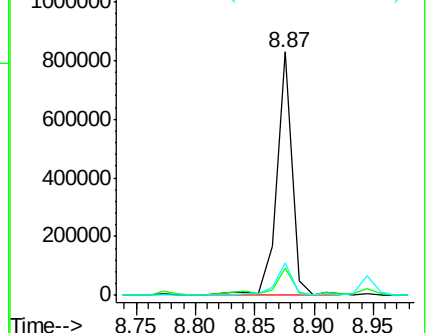
127 13.6 10.6 15.8



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: 10.67 ng

RT: 8.51 min Scan# 667

Delta R.T. -0.01 min

Lab File: BF077488.D

Acq: 27 Feb 2015 4:04

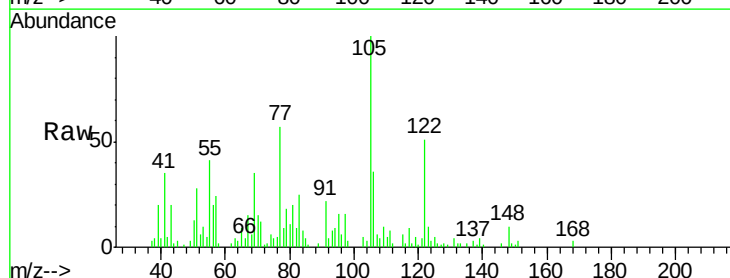
Tgt Ion:122 Resp: 23753

Ion Ratio Lower Upper

122 100

105 194.7 100.3 140.3#

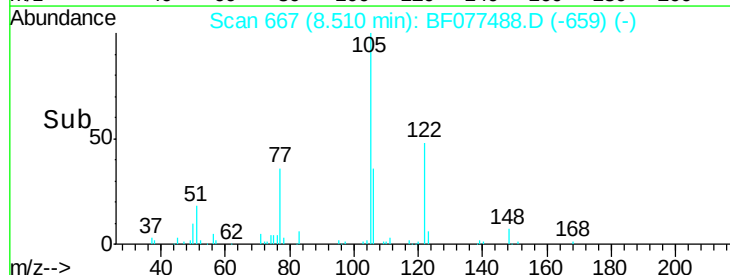
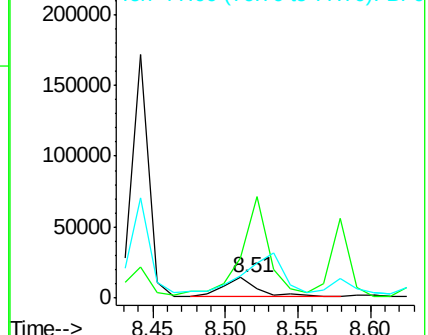
77 110.7 68.7 108.7#

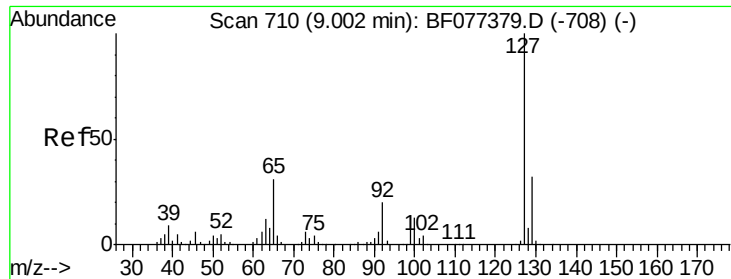


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

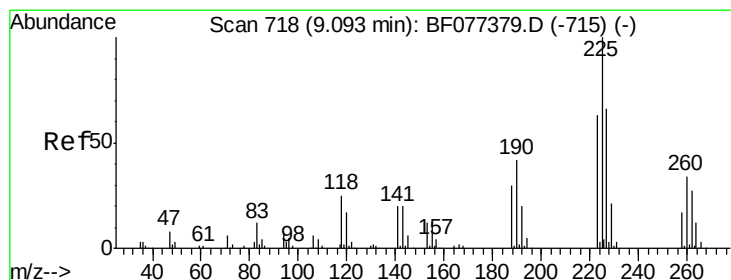
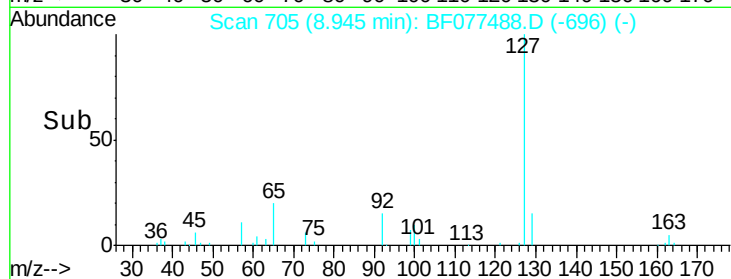
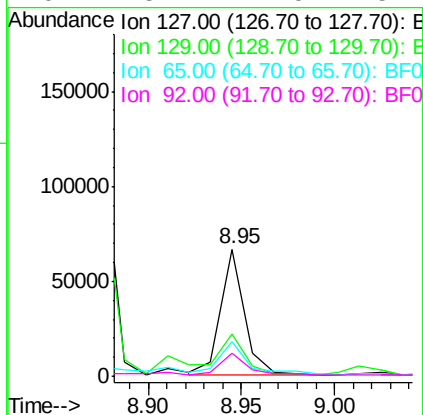
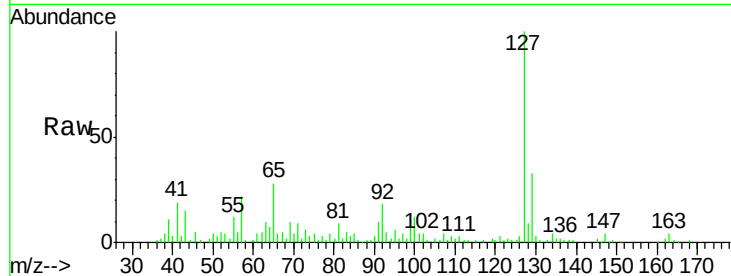




#33
4-Chloroaniline
Concen: 9.14 ng
RT: 8.95 min Scan# 705
Delta R.T. 0.00 min
Lab File: BF077488.D
Acq: 27 Feb 2015 4:04

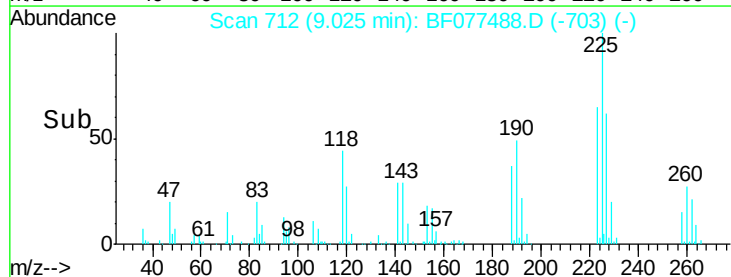
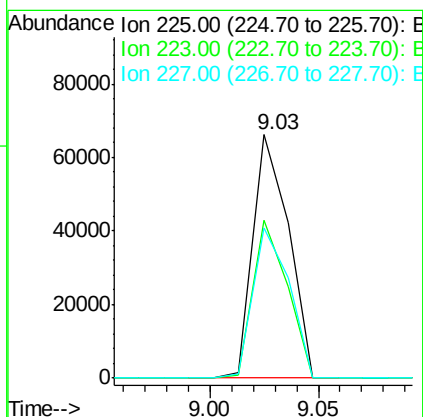
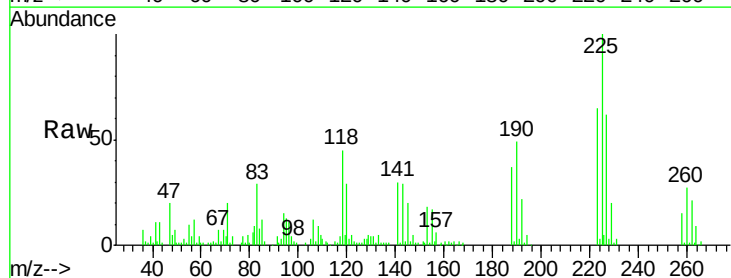
Instrument :
BNA_F
ClientSampleId :
B-11-D910MS

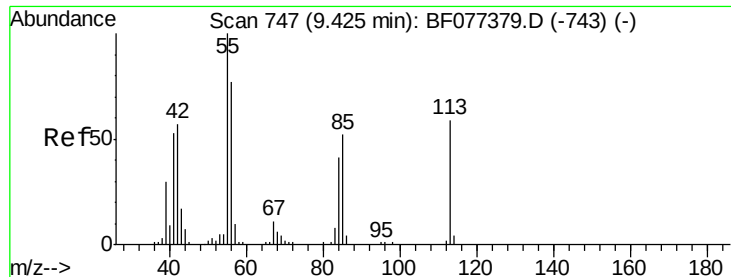
Tgt Ion:	127	Resp:	59999
Ion	Ratio	Lower	Upper
127	100		
129	33.5	26.9	40.3
65	27.6	16.7	25.1#
92	18.1	12.5	18.7



#34
Hexachlorobutadiene
Concen: 27.92 ng
RT: 9.03 min Scan# 712
Delta R.T. 0.00 min
Lab File: BF077488.D
Acq: 27 Feb 2015 4:04

Tgt Ion:	225	Resp:	75345
Ion	Ratio	Lower	Upper
225	100		
223	64.6	49.5	74.3
227	61.8	50.5	75.7

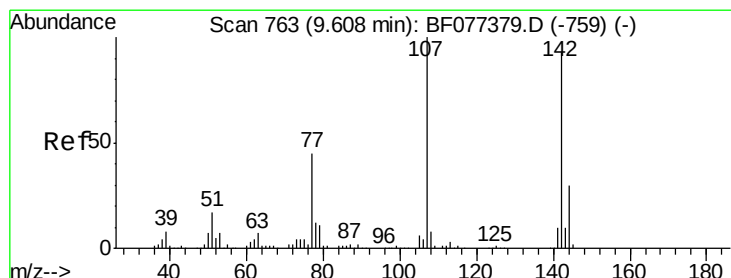
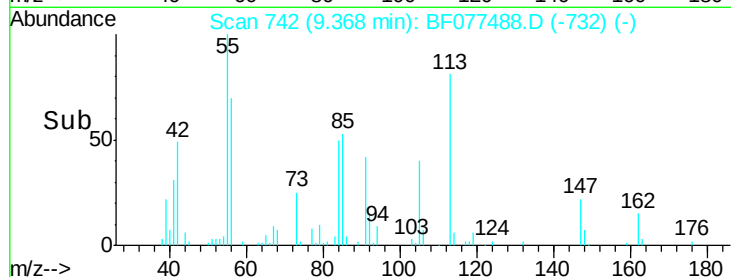
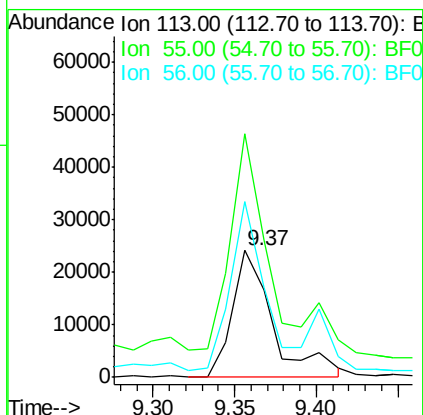
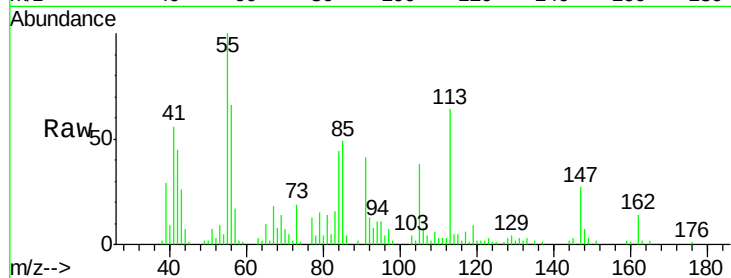




#35
 Caprolactam
 Concen: 31.80 ng
 RT: 9.37 min Scan# 742
 Delta R.T. 0.01 min
 Lab File: BF077488.D
 Acq: 27 Feb 2015 4:04

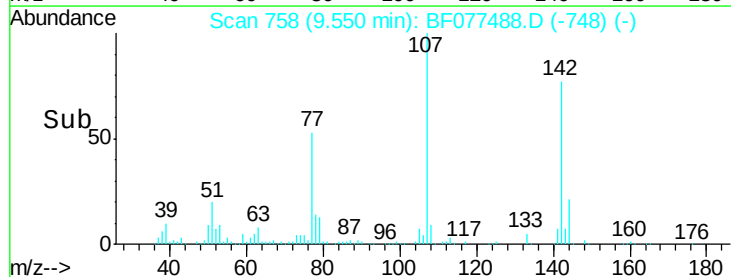
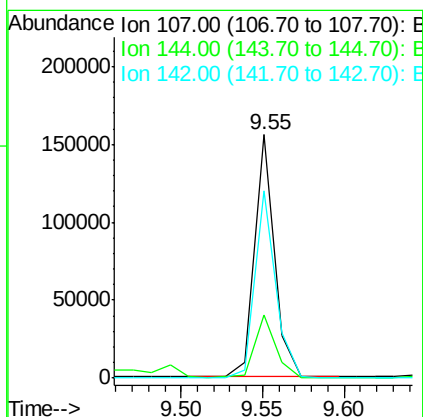
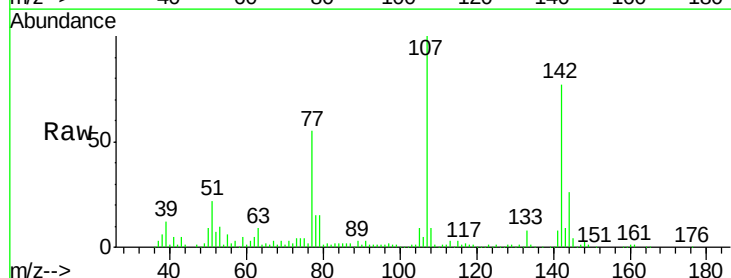
Instrument :
 BNA_F
 ClientSampleId :
 B-11-D910MS

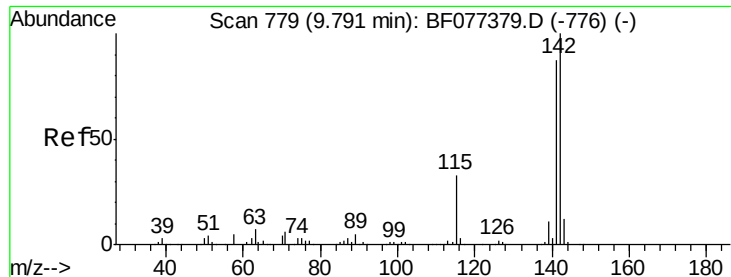
Tgt Ion:113 Resp: 41743
 Ion Ratio Lower Upper
 113 100
 55 156.3 154.6 194.6
 56 103.1 114.0 154.0#



#36
 4-Chloro-3-methylphenol
 Concen: 30.55 ng
 RT: 9.55 min Scan# 758
 Delta R.T. 0.01 min
 Lab File: BF077488.D
 Acq: 27 Feb 2015 4:04

Tgt Ion:107 Resp: 132072
 Ion Ratio Lower Upper
 107 100
 144 25.8 21.1 31.7
 142 77.1 65.3 97.9

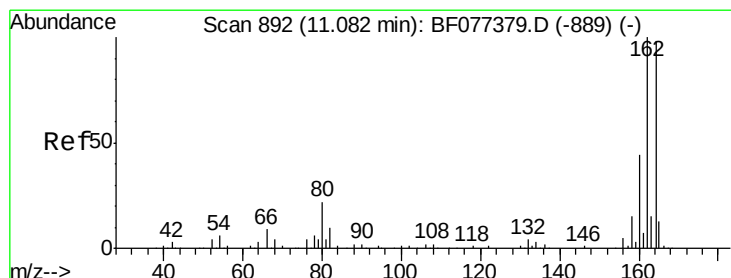
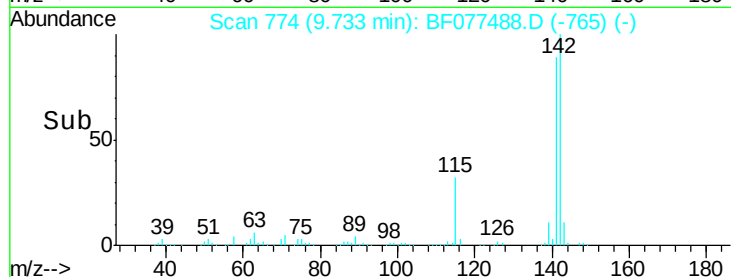
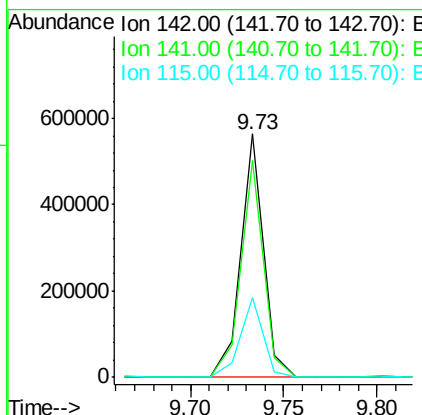
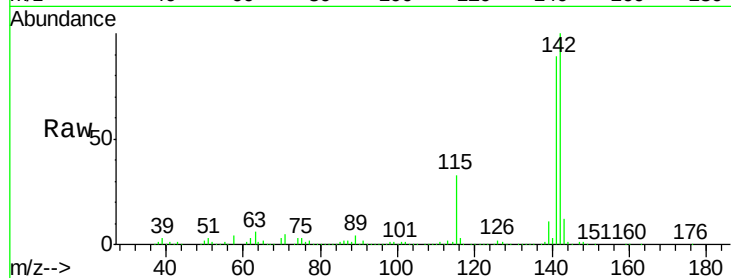




#37
 2-Methylnaphthalene
 Concen: 45.82 ng
 RT: 9.73 min Scan# 774
 Delta R.T. -0.00 min
 Lab File: BF077488.D
 Acq: 27 Feb 2015 4:04

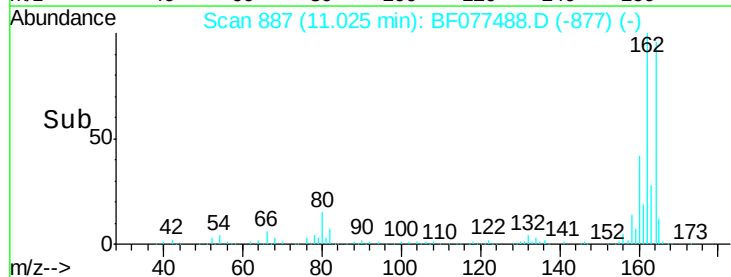
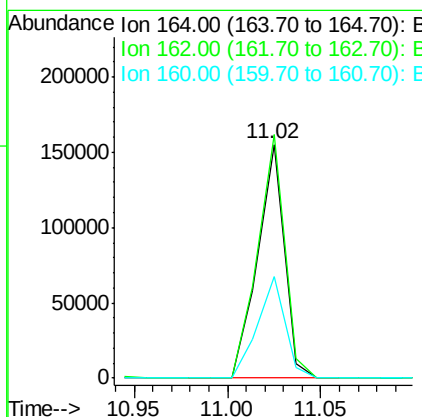
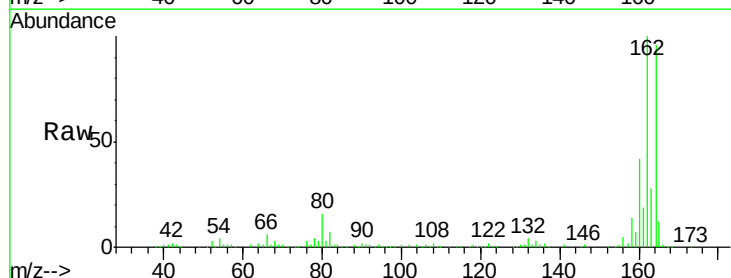
Instrument :
 BNA_F
 ClientSampleId :
 B-11-D910MS

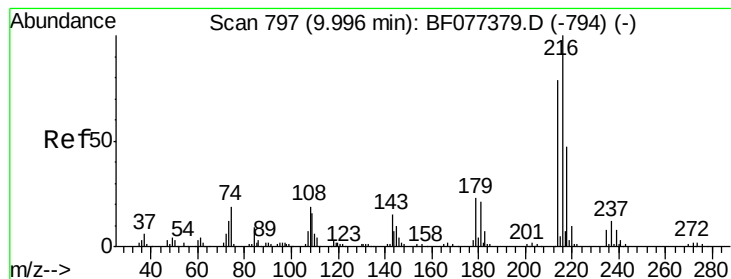
Tgt Ion:142 Resp: 480418
 Ion Ratio Lower Upper
 142 100
 141 89.0 70.7 106.1
 115 32.6 24.2 36.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.02 min Scan# 887
 Delta R.T. 0.01 min
 Lab File: BF077488.D
 Acq: 27 Feb 2015 4:04

Tgt Ion:164 Resp: 153188
 Ion Ratio Lower Upper
 164 100
 162 104.3 83.2 124.8
 160 43.5 34.6 52.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 31.84 ng

RT: 9.94 min Scan# 792

Delta R.T. -0.00 min

Lab File: BF077488.D

Acq: 27 Feb 2015 4:04

Instrument :

BNA_F

ClientSampleId :

B-11-D910MS

Tgt Ion:216 Resp: 139964

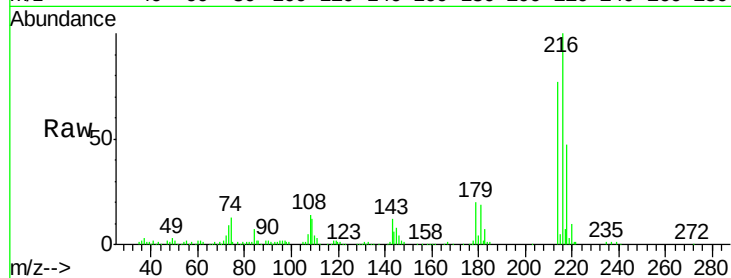
Ion Ratio Lower Upper

216 100

214 77.7 63.4 95.0

179 20.8 16.6 25.0

108 17.8 14.2 21.4

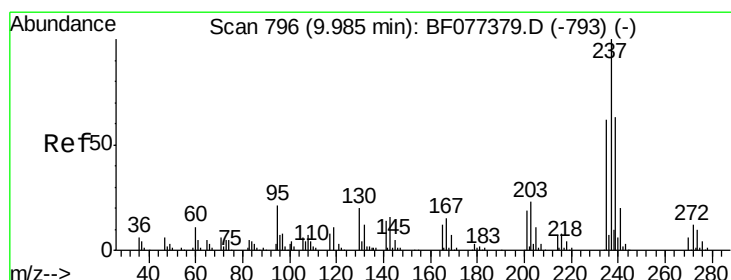
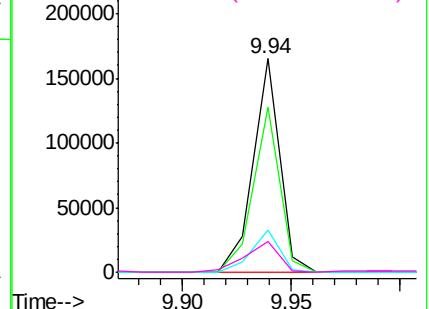
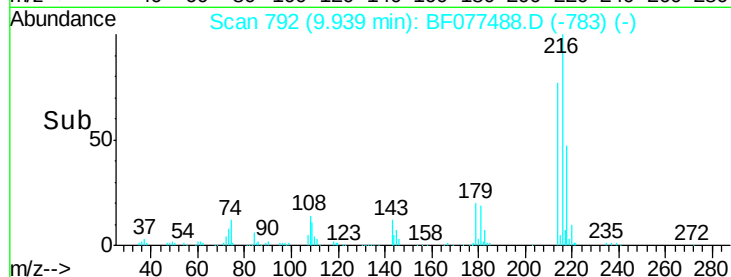


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 26.10 ng

RT: 9.92 min Scan# 791

Delta R.T. 0.01 min

Lab File: BF077488.D

Acq: 27 Feb 2015 4:04

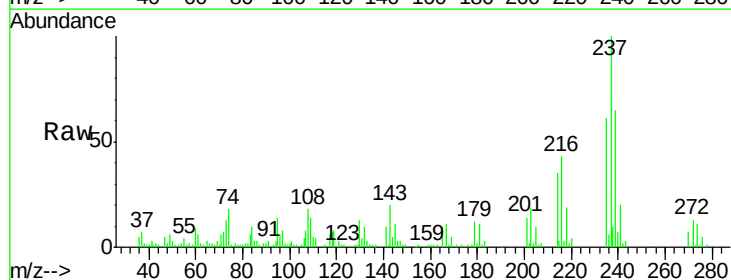
Tgt Ion:237 Resp: 61515

Ion Ratio Lower Upper

237 100

235 60.9 41.0 81.0

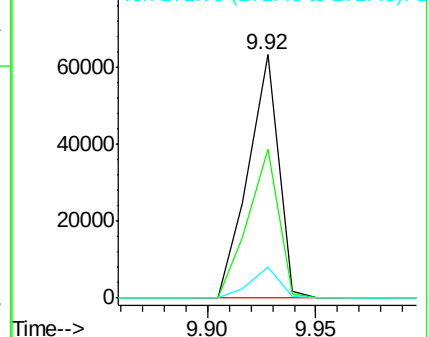
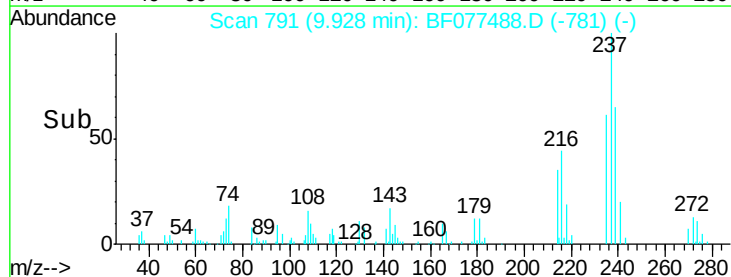
272 12.9 0.0 34.3

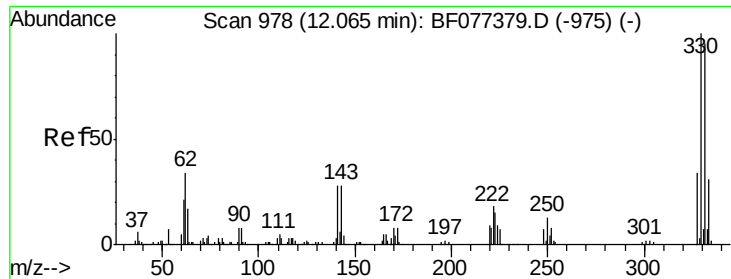


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

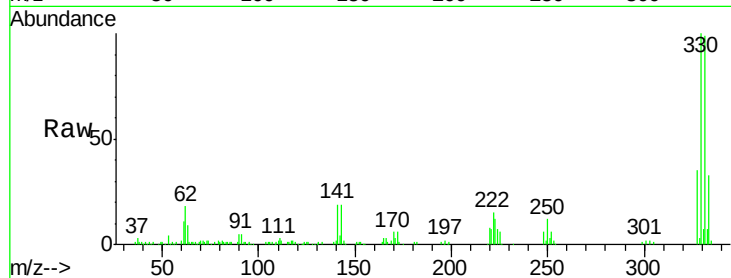




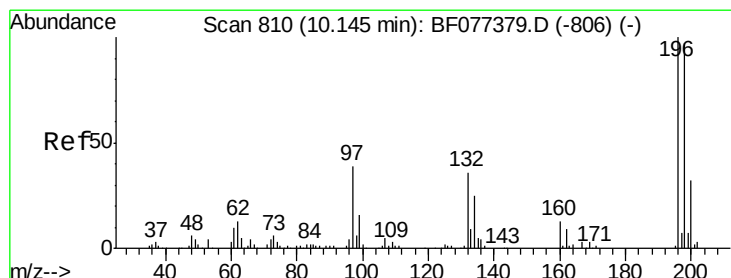
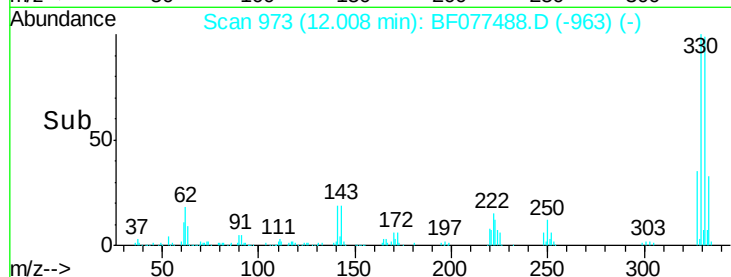
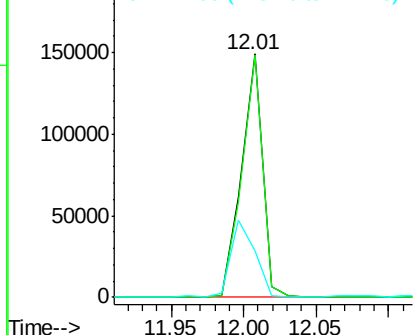
#41
 2,4,6-Tribromophenol
 Concen: 102.23 ng
 RT: 12.01 min Scan# 973
 Delta R.T. 0.01 min
 Lab File: BF077488.D
 Acq: 27 Feb 2015 4:04

Instrument :
 BNA_F
 ClientSampleId :
 B-11-D910MS

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.4	116.2
141	37.1	28.8	43.2

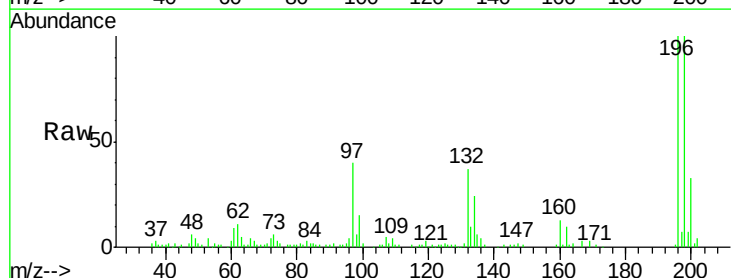


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

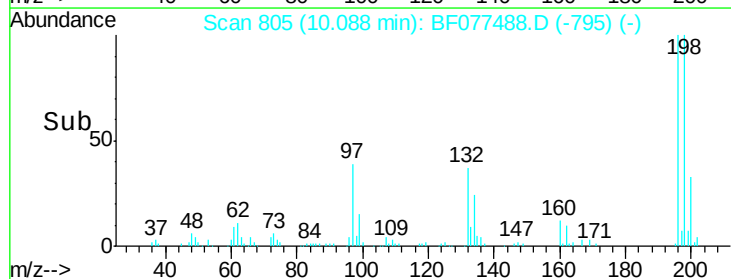
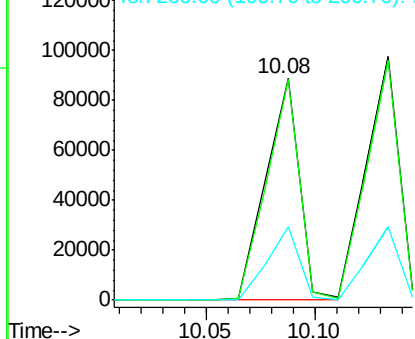


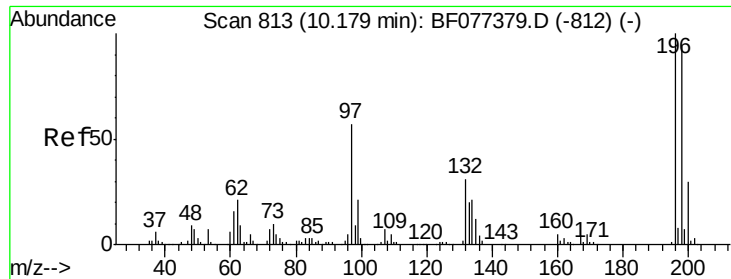
#42
 2,4,6-Trichlorophenol
 Concen: 32.85 ng
 RT: 10.08 min Scan# 805
 Delta R.T. 0.01 min
 Lab File: BF077488.D
 Acq: 27 Feb 2015 4:04

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.8	75.8	113.8
200	33.1	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

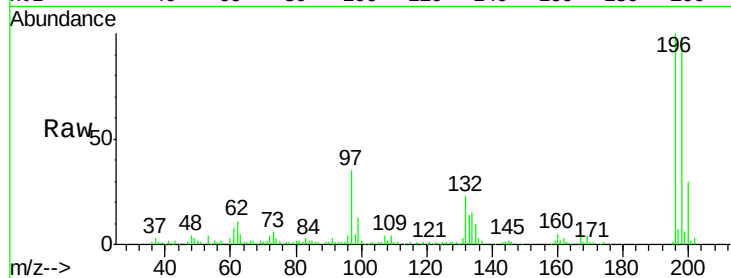




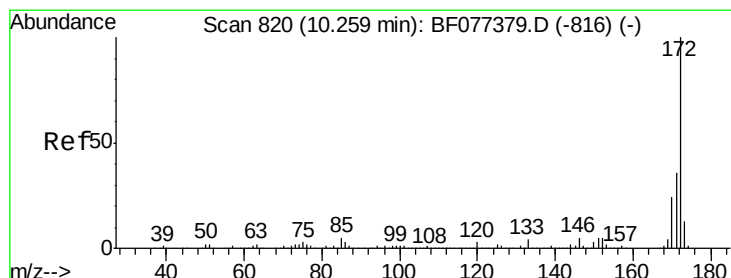
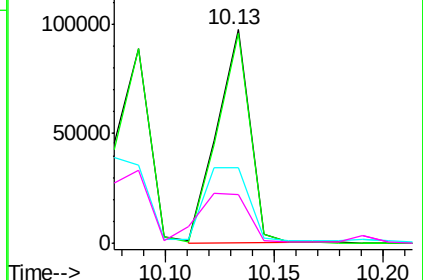
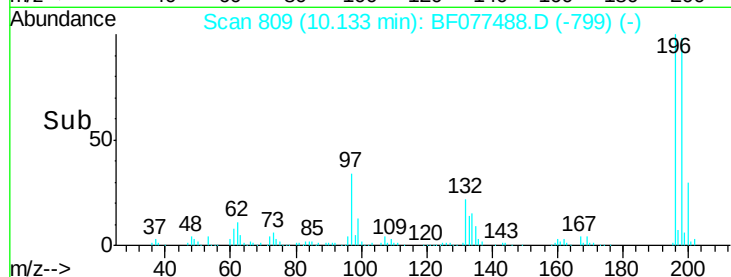
#43
 2,4,5-Trichlorophenol
 Concen: 32.67 ng
 RT: 10.13 min Scan# 809
 Delta R.T. 0.01 min
 Lab File: BF077488.D
 Acq: 27 Feb 2015 4:04

Instrument :
 BNA_F
 ClientSampleId :
 B-11-D910MS

Tgt Ion:	196	Resp:	101680
Ion	Ratio	Lower	Upper
196	100		
198	98.5	77.2	115.8
97	35.2	27.7	41.5
132	22.8	18.0	27.0

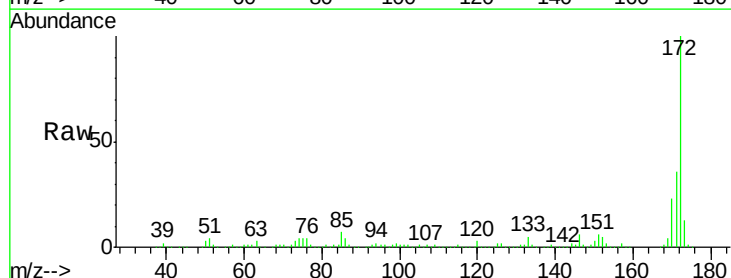


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

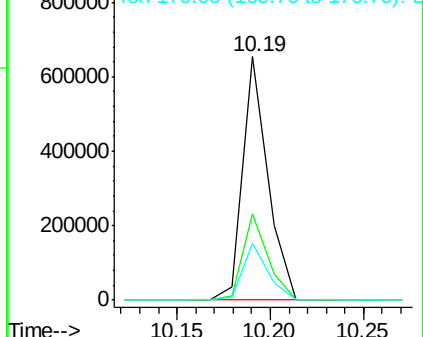
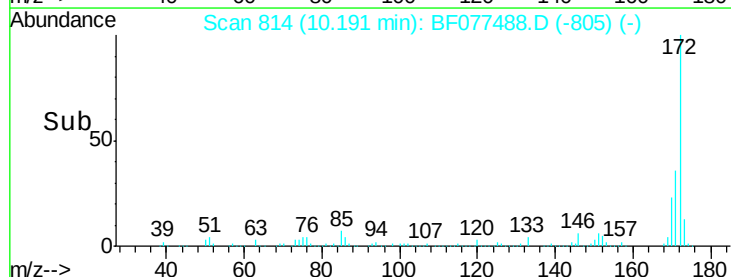


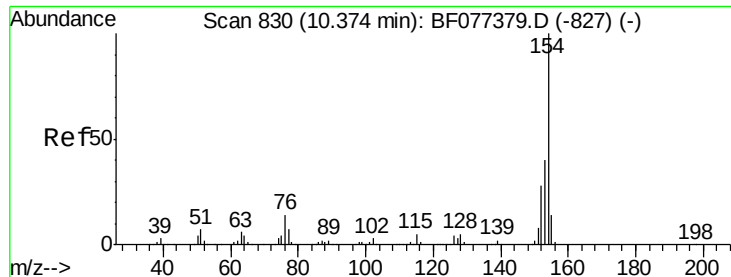
#44
 2-Fluorobiphenyl
 Concen: 62.43 ng
 RT: 10.19 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF077488.D
 Acq: 27 Feb 2015 4:04

Tgt Ion:	172	Resp:	613297
Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.9	43.3
170	23.2	19.4	29.2



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

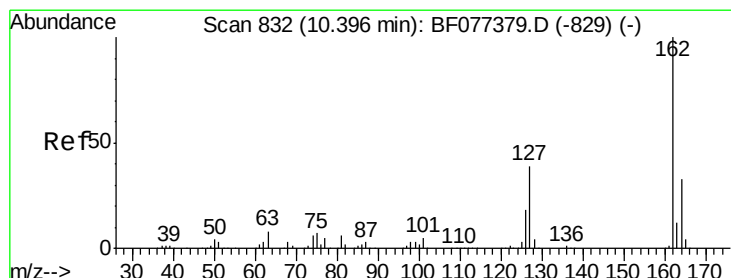
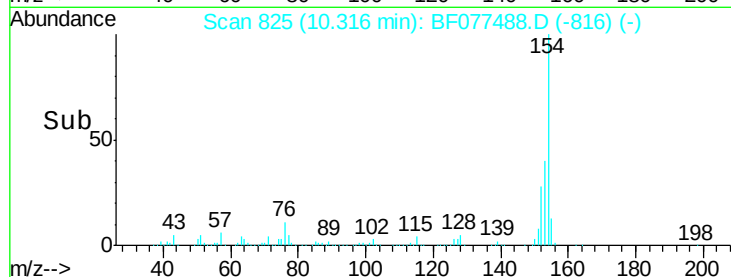
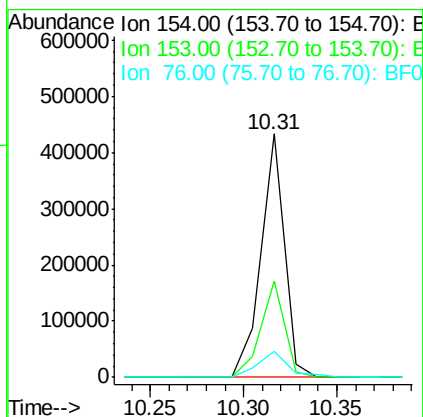
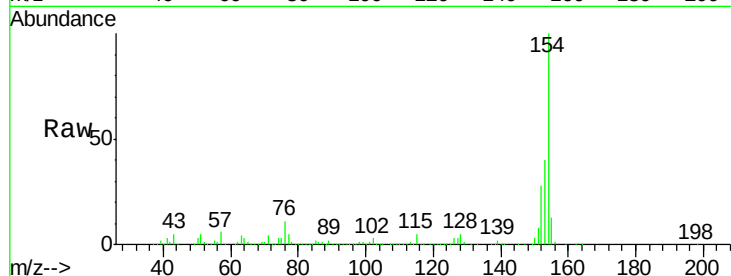




#45
 1,1'-Biphenyl
 Concen: 32.22 ng
 RT: 10.31 min Scan# 825
 Delta R.T. -0.00 min
 Lab File: BF077488.D
 Acq: 27 Feb 2015 4:04

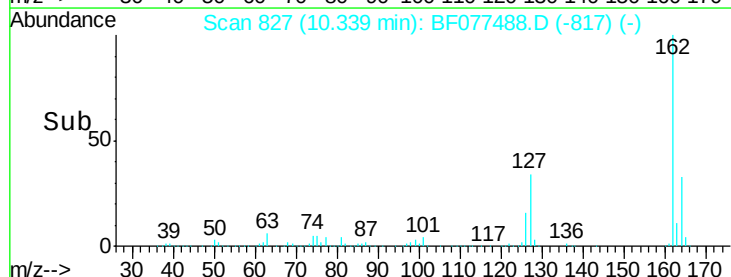
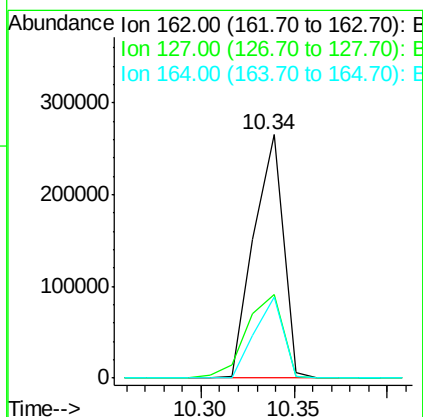
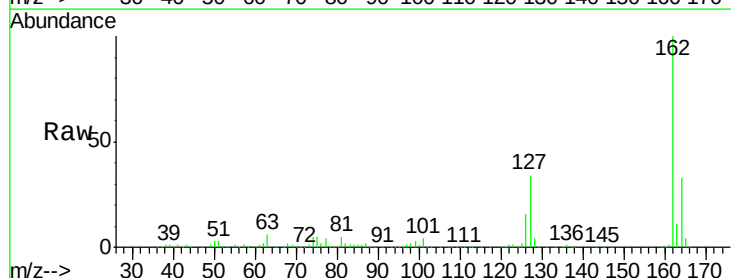
Instrument :
 BNA_F
 ClientSampleId :
 B-11-D910MS

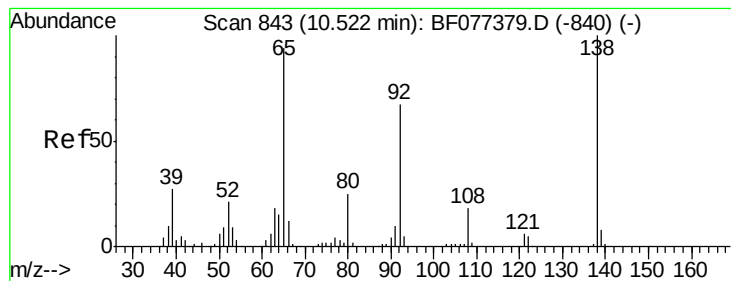
Tgt Ion:	154	Resp:	373959
Ion	Ratio	Lower	Upper
154	100		
153	39.8	20.2	60.2
76	10.9	0.0	29.4



#46
 2-Chloronaphthalene
 Concen: 31.94 ng
 RT: 10.34 min Scan# 827
 Delta R.T. 0.01 min
 Lab File: BF077488.D
 Acq: 27 Feb 2015 4:04

Tgt Ion:	162	Resp:	290731
Ion	Ratio	Lower	Upper
162	100		
127	34.4	33.3	49.9
164	33.3	26.2	39.4





#47

2-Nitroaniline

Concen: 37.20 ng

RT: 10.46 min Scan# 838

Delta R.T. 0.01 min

Lab File: BF077488.D

Acq: 27 Feb 2015 4:04

Instrument :

BNA_F

ClientSampleId :

B-11-D910MS

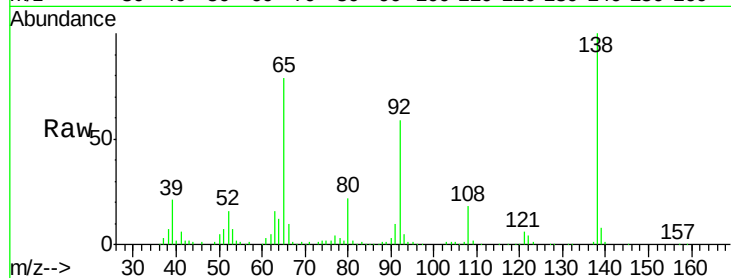
Tgt Ion: 65 Resp: 83352

Ion Ratio Lower Upper

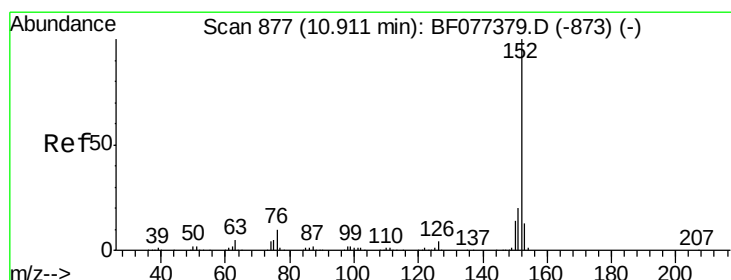
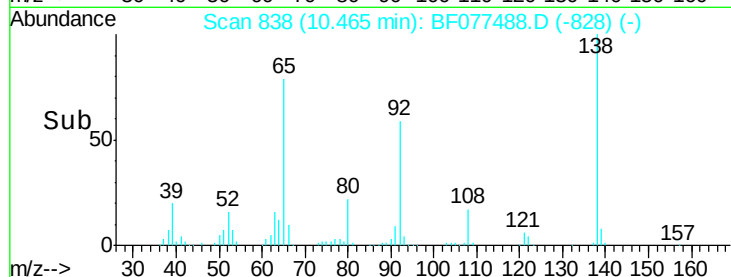
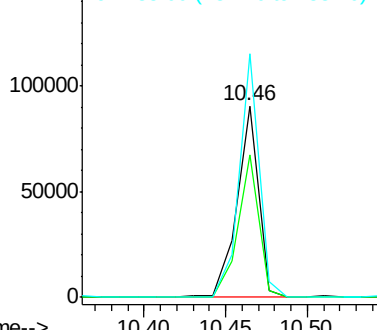
65 100

92 74.6 52.4 78.6

138 127.0 73.4 110.0#



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E



#48

Acenaphthylene

Concen: 31.89 ng

RT: 10.85 min Scan# 871

Delta R.T. 0.01 min

Lab File: BF077488.D

Acq: 27 Feb 2015 4:04

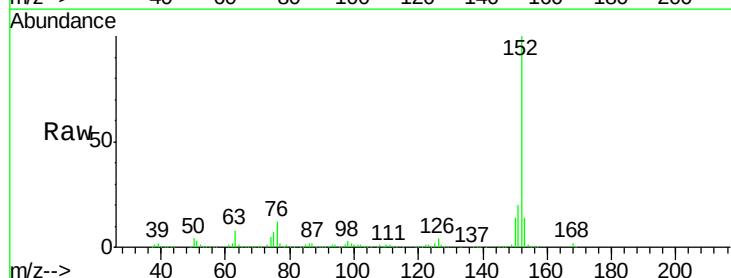
Tgt Ion: 152 Resp: 459511

Ion Ratio Lower Upper

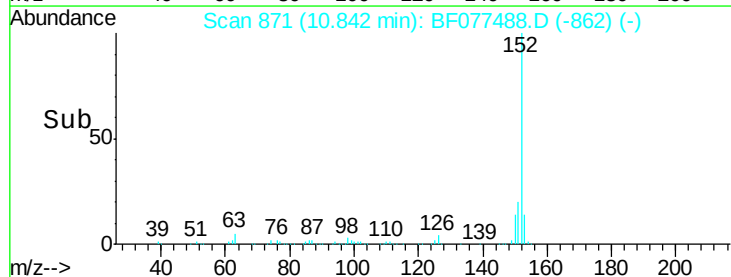
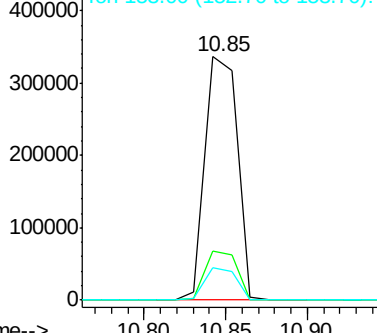
152 100

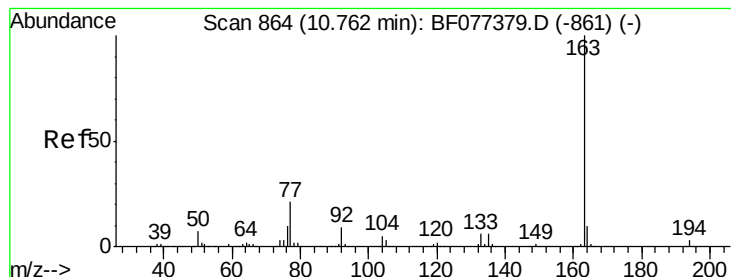
151 20.1 16.1 24.1

153 13.6 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: 36.02 ng

RT: 10.70 min Scan# 859

Delta R.T. -0.00 min

Lab File: BF077488.D

Acq: 27 Feb 2015 4:04

Instrument :

BNA_F

ClientSampleId :

B-11-D910MS

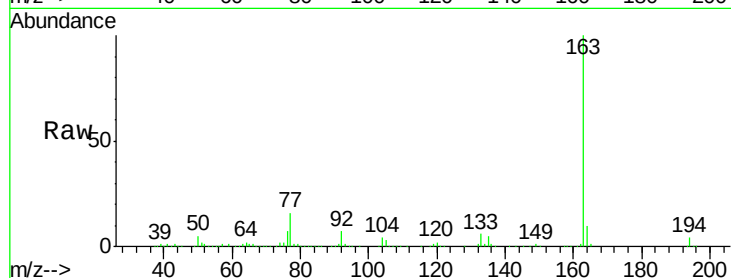
Tgt Ion:163 Resp: 387816

Ion Ratio Lower Upper

163 100

194 3.9 2.6 4.0

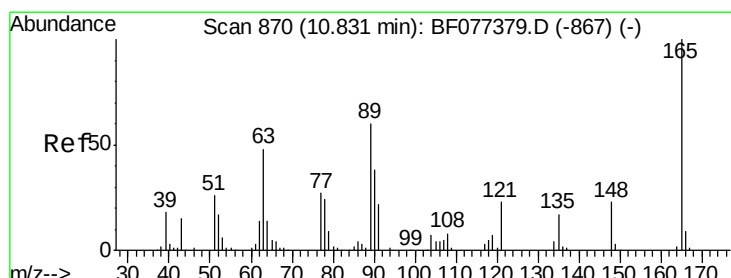
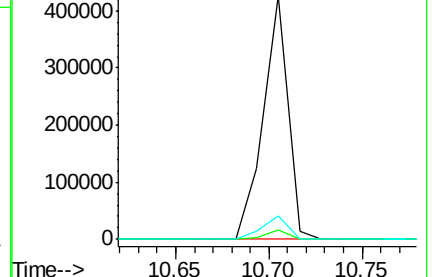
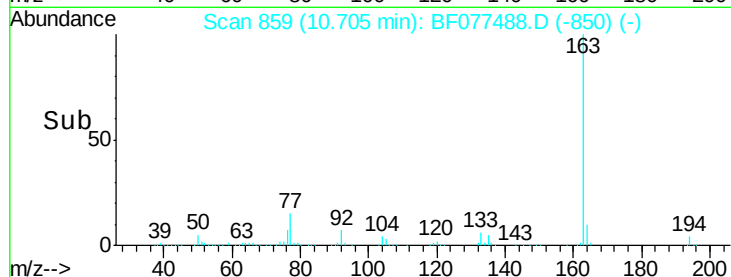
164 9.8 8.6 13.0



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: 35.22 ng

RT: 10.77 min Scan# 865

Delta R.T. -0.00 min

Lab File: BF077488.D

Acq: 27 Feb 2015 4:04

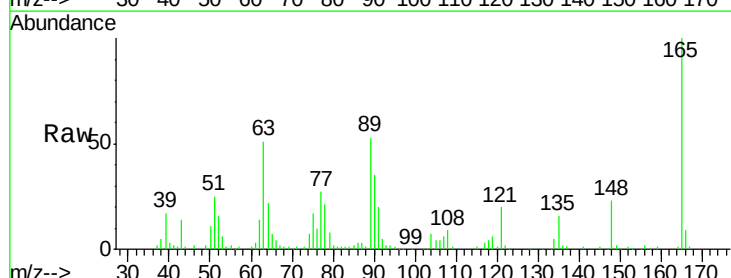
Tgt Ion:165 Resp: 76060

Ion Ratio Lower Upper

165 100

63 51.1 25.2 37.8#

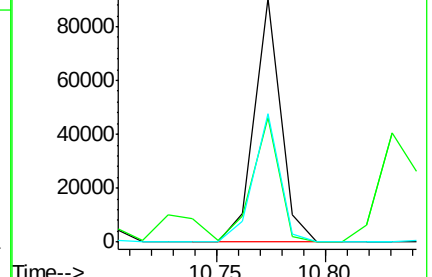
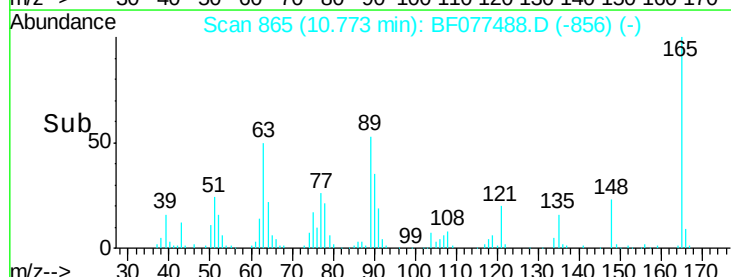
89 52.7 30.5 45.7#

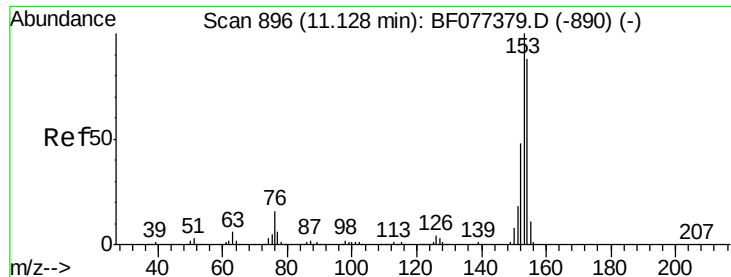


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 30.37 ng

RT: 11.06 min Scan# 890

Delta R.T. 0.00 min

Lab File: BF077488.D

Acq: 27 Feb 2015 4:04

Instrument :

BNA_F

ClientSampleId :

B-11-D910MS

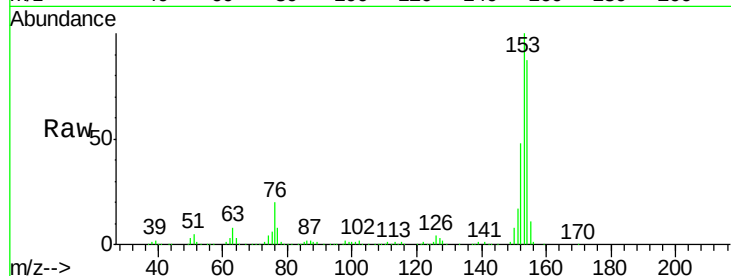
Tgt Ion:154 Resp: 261136

Ion Ratio Lower Upper

154 100

153 114.7 90.5 135.7

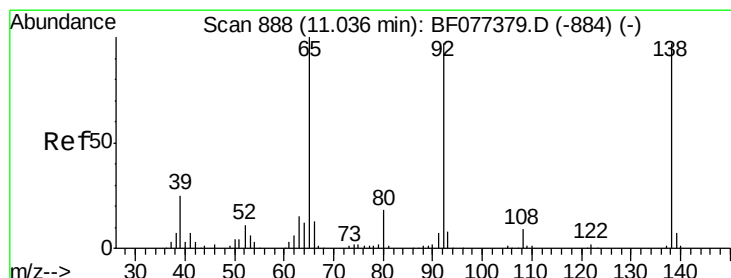
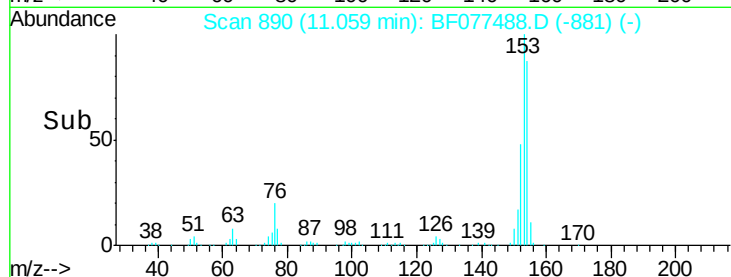
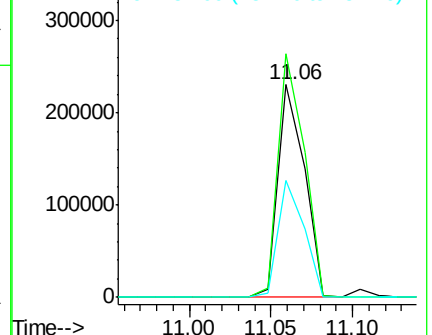
152 55.1 43.5 65.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 22.22 ng

RT: 10.97 min Scan# 882

Delta R.T. 0.01 min

Lab File: BF077488.D

Acq: 27 Feb 2015 4:04

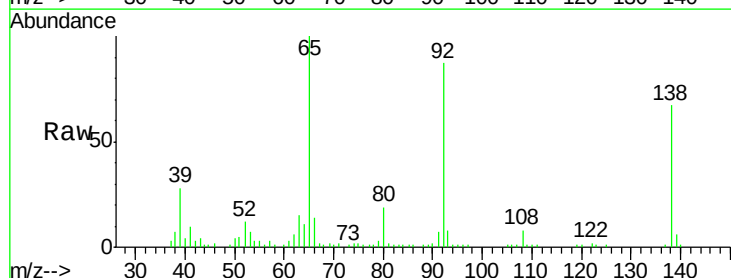
Tgt Ion:138 Resp: 55325

Ion Ratio Lower Upper

138 100

108 12.2 7.8 11.8#

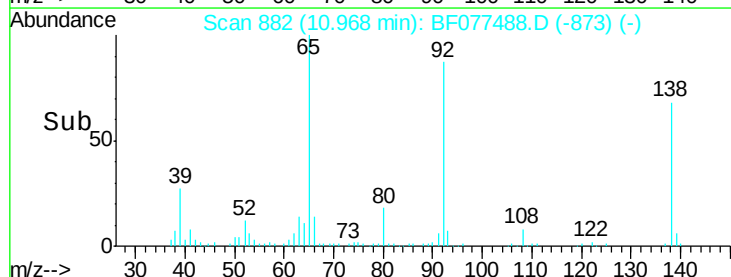
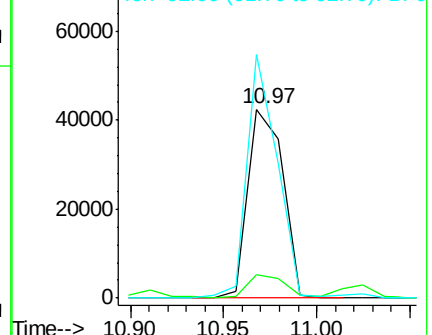
92 128.8 90.6 135.8

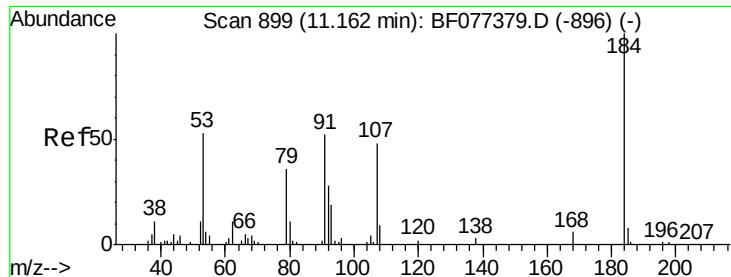


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

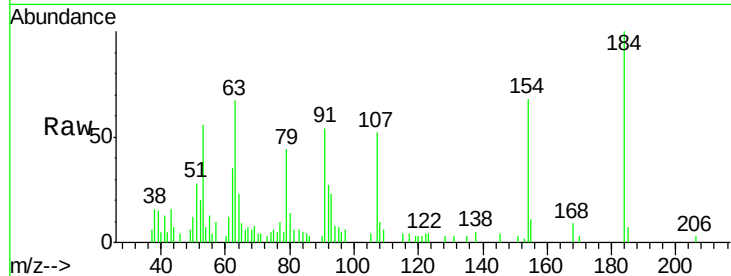




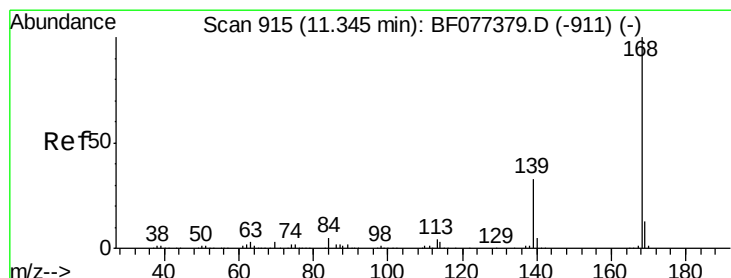
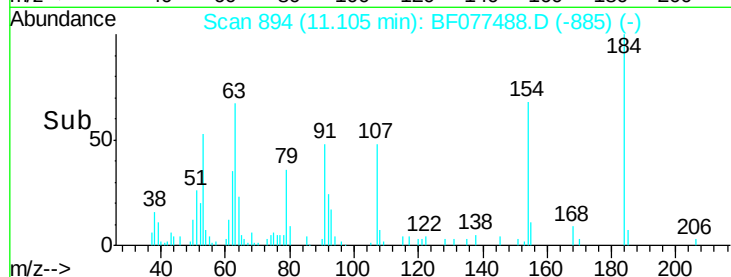
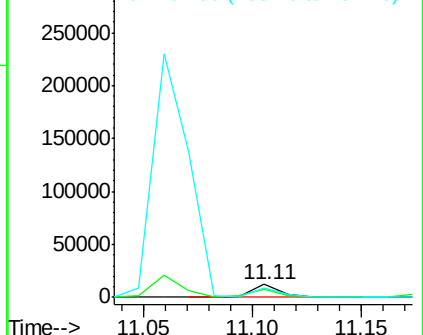
#53
2,4-Dinitrophenol
Concen: 16.78 ng
RT: 11.11 min Scan# 894
Delta R.T. 0.00 min
Lab File: BF077488.D
Acq: 27 Feb 2015 4:04

Instrument :
BNA_F
ClientSampleId :
B-11-D910MS

Tgt Ion:184 Resp: 11023
Ion Ratio Lower Upper
184 100
63 67.3 29.5 44.3#
154 68.2 43.2 64.8#

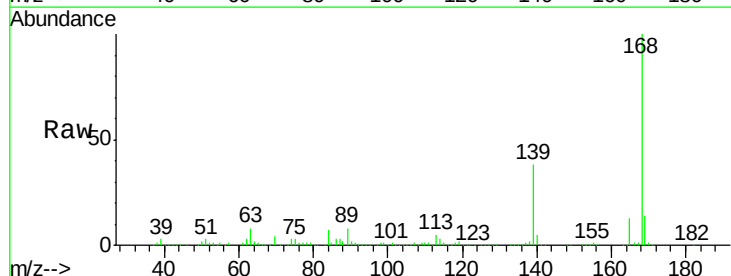


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

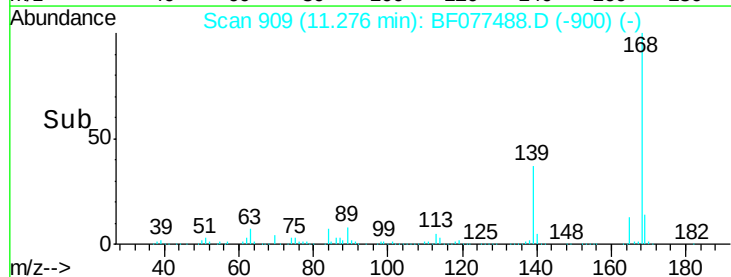
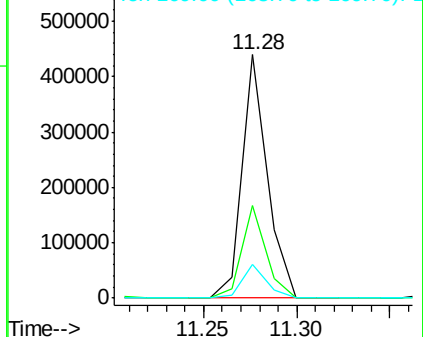


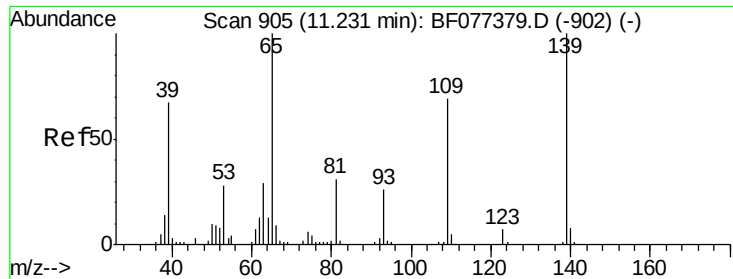
#54
Dibenzofuran
Concen: 31.07 ng
RT: 11.28 min Scan# 909
Delta R.T. 0.00 min
Lab File: BF077488.D
Acq: 27 Feb 2015 4:04

Tgt Ion:168 Resp: 412527
Ion Ratio Lower Upper
168 100
139 37.8 29.3 43.9
169 14.0 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: 64.06 ng

RT: 11.19 min Scan# 901

Delta R.T. 0.02 min

Lab File: BF077488.D

Acq: 27 Feb 2015 4:04

Instrument :

BNA_F

ClientSampleId :

B-11-D910MS

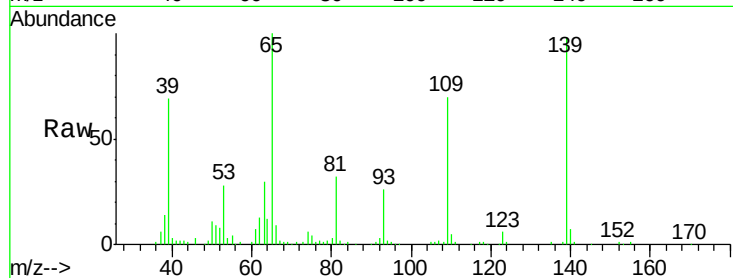
Tgt Ion:139 Resp: 128285

Ion Ratio Lower Upper

139 100

109 71.8 36.2 76.2

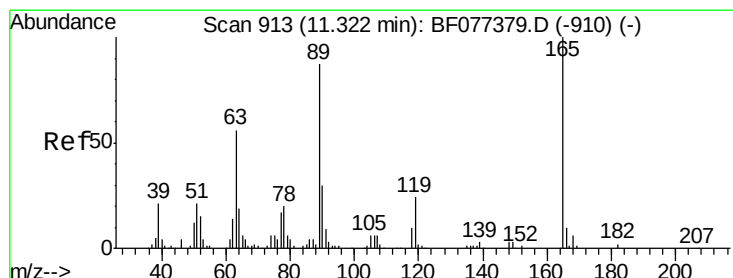
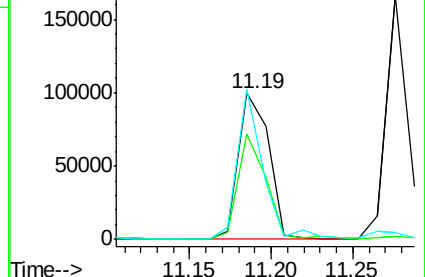
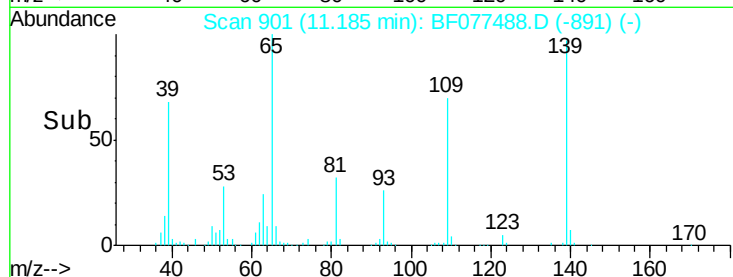
65 102.4 40.3 80.3#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 33.51 ng

RT: 11.27 min Scan# 908

Delta R.T. 0.00 min

Lab File: BF077488.D

Acq: 27 Feb 2015 4:04

Tgt Ion:165 Resp: 97768

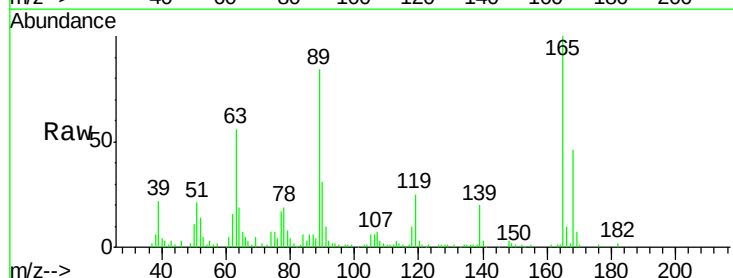
Ion Ratio Lower Upper

165 100

63 55.6 29.8 44.8#

89 84.4 48.5 72.7#

182 2.4 1.9 2.9

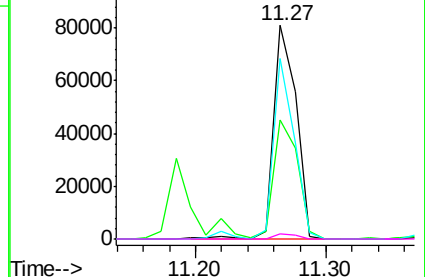
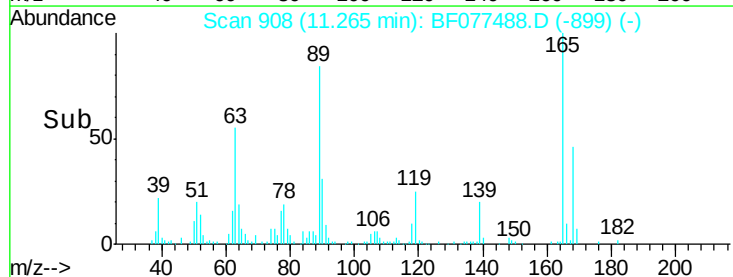


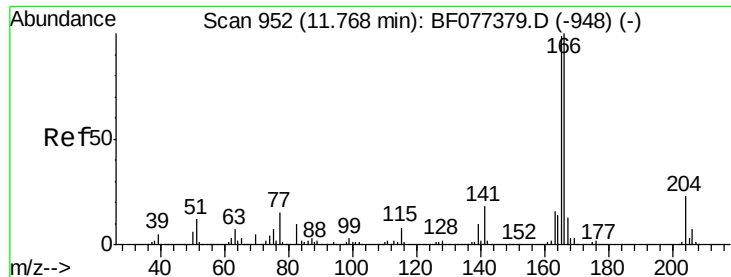
Abundance Ion 165.00 (164.70 to 165.70): E

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: 32.90 ng

RT: 11.70 min Scan# 946

Delta R.T. 0.00 min

Lab File: BF077488.D

Acq: 27 Feb 2015 4:04

Instrument :

BNA_F

ClientSampleId :

B-11-D910MS

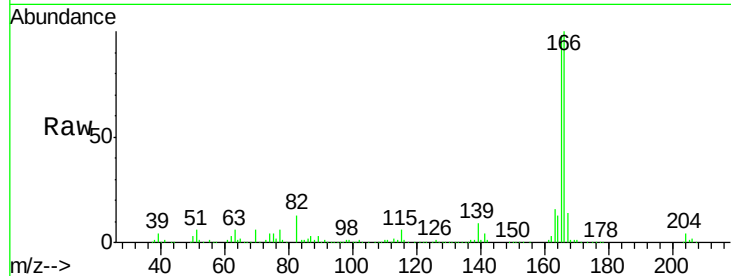
Tgt Ion:166 Resp: 349211

Ion Ratio Lower Upper

166 100

165 98.2 77.6 116.4

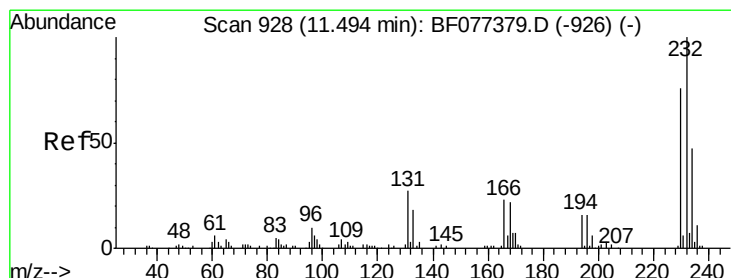
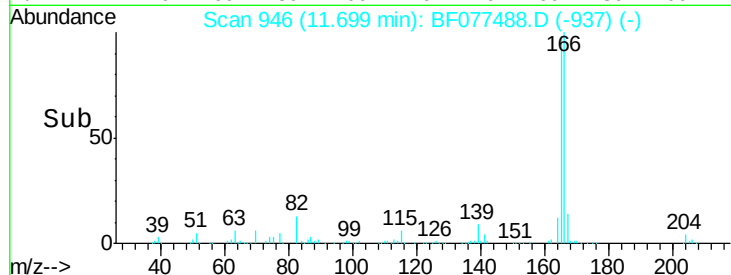
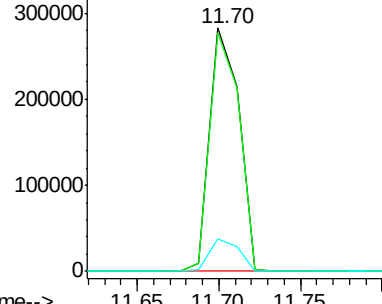
167 13.6 10.6 16.0



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: 34.38 ng

RT: 11.43 min Scan# 923

Delta R.T. 0.01 min

Lab File: BF077488.D

Acq: 27 Feb 2015 4:04

Tgt Ion:232 Resp: 86032

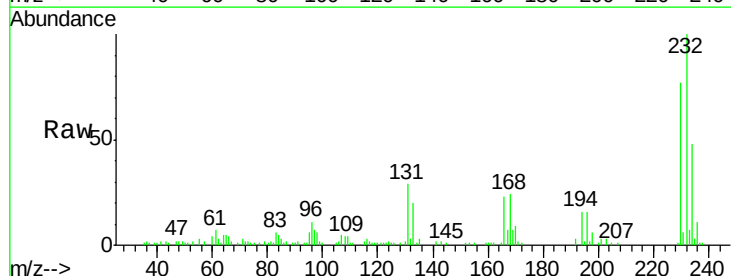
Ion Ratio Lower Upper

232 100

131 46.4 34.2 51.2

130 2.5 1.8 2.6

166 31.8 24.3 36.5

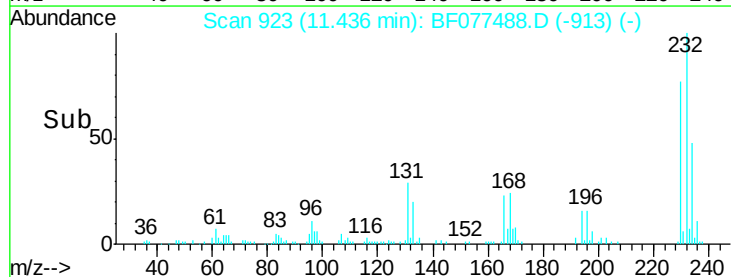
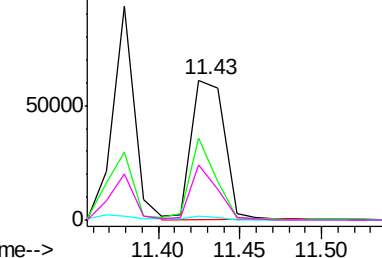


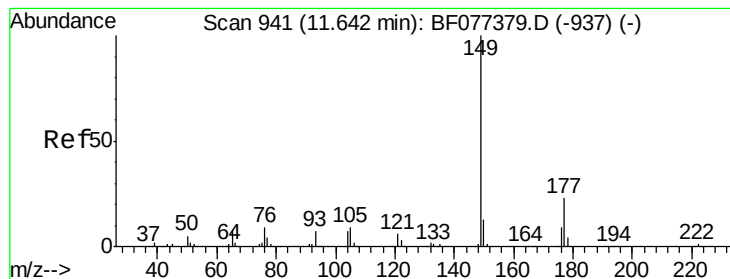
Abundance Ion 232.00 (231.70 to 232.70): E

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: 32.21 ng

RT: 11.58 min Scan# 936

Delta R.T. 0.01 min

Lab File: BF077488.D

Acq: 27 Feb 2015 4:04

Instrument :

BNA_F

ClientSampleId :

B-11-D910MS

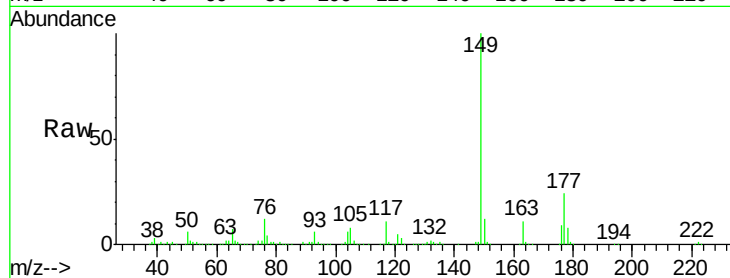
Tgt Ion:149 Resp: 341946

Ion Ratio Lower Upper

149 100

177 23.7 17.2 25.8

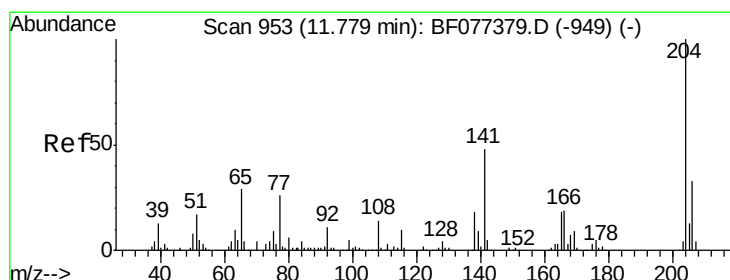
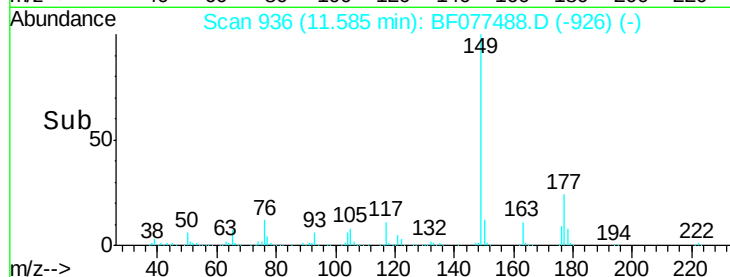
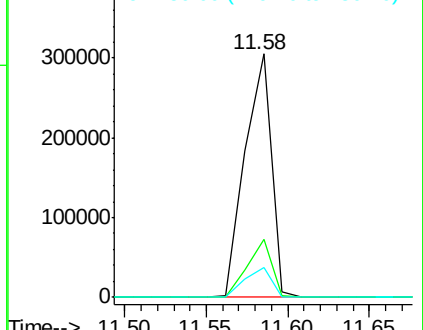
150 12.0 10.5 15.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 32.55 ng

RT: 11.71 min Scan# 947

Delta R.T. 0.00 min

Lab File: BF077488.D

Acq: 27 Feb 2015 4:04

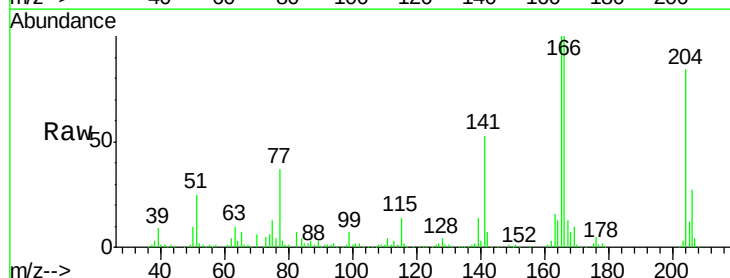
Tgt Ion:204 Resp: 166489

Ion Ratio Lower Upper

204 100

206 32.7 25.9 38.9

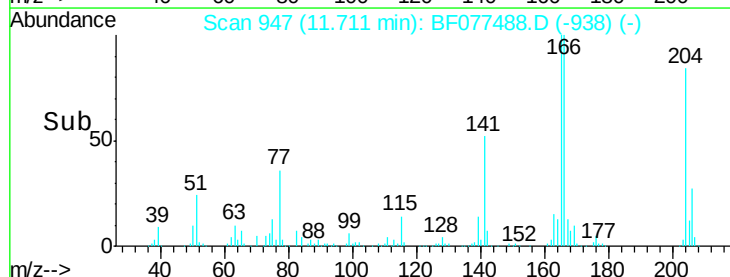
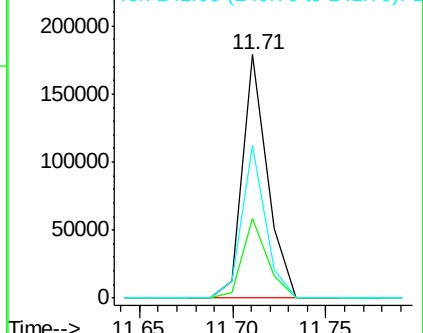
141 63.0 43.6 65.4

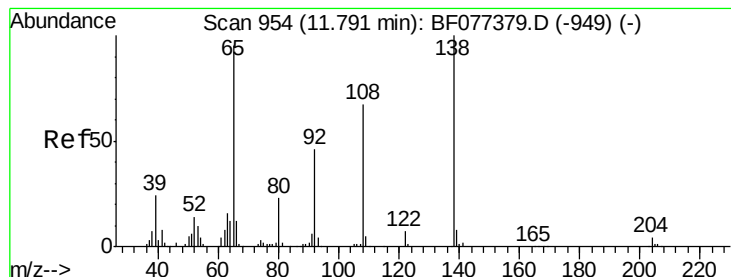


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 28.59 ng

RT: 11.73 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF077488.D

Acq: 27 Feb 2015 4:04

Instrument :

BNA_F

ClientSampleId :

B-11-D910MS

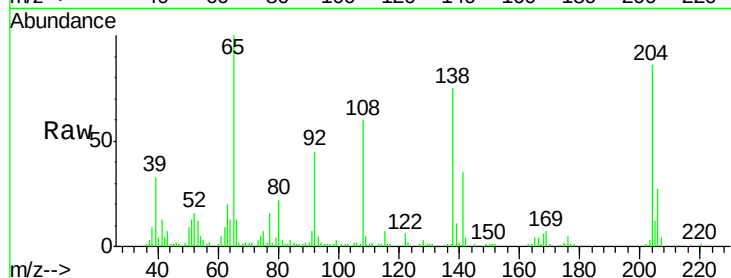
Tgt Ion: 138 Resp: 68234

Ion Ratio Lower Upper

138 100

92 59.3 32.8 72.8

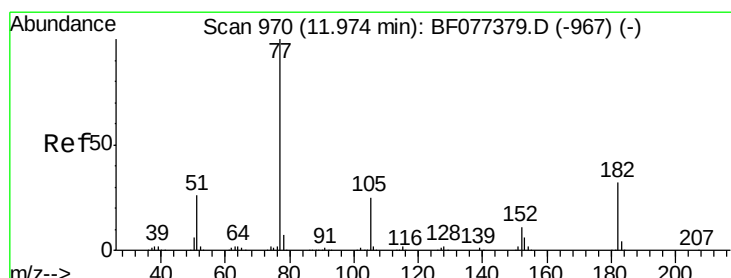
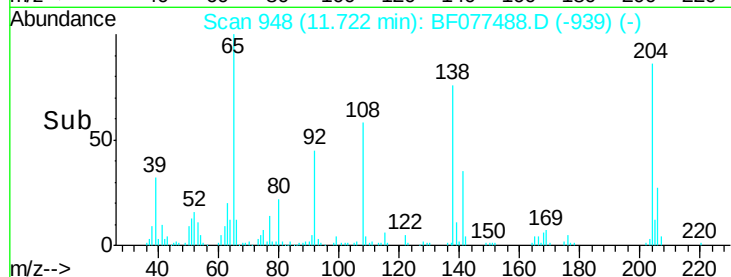
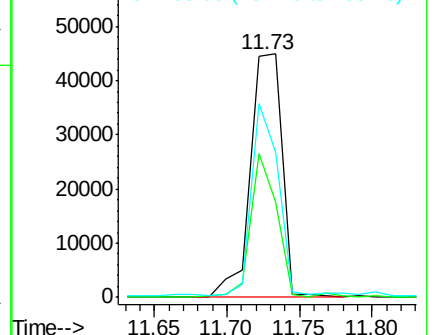
108 80.4 52.1 92.1



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: 32.33 ng

RT: 11.91 min Scan# 964

Delta R.T. 0.00 min

Lab File: BF077488.D

Acq: 27 Feb 2015 4:04

Tgt Ion: 77 Resp: 325670

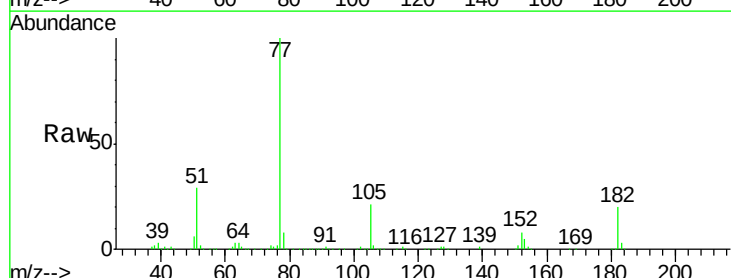
Ion Ratio Lower Upper

77 100

182 19.7 4.9 44.9

105 21.0 3.3 43.3

51 29.4 8.9 48.9

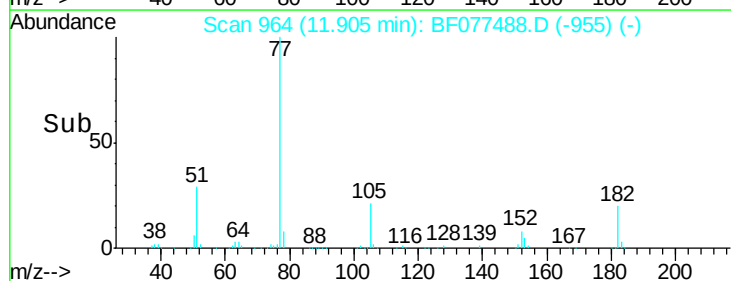
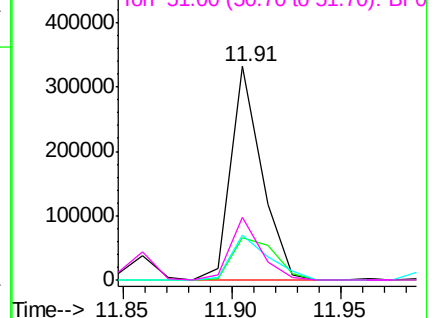


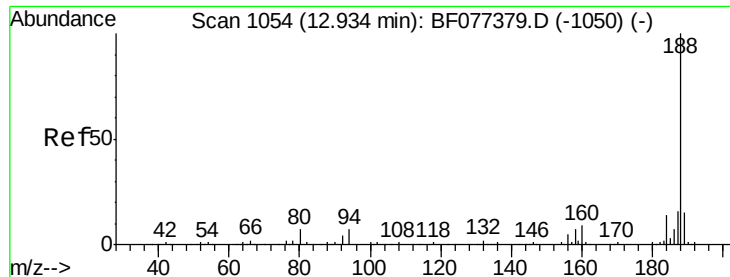
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

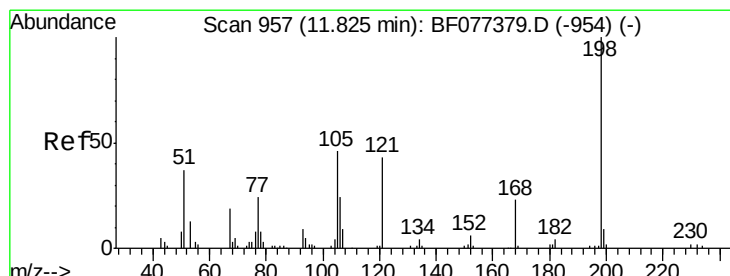
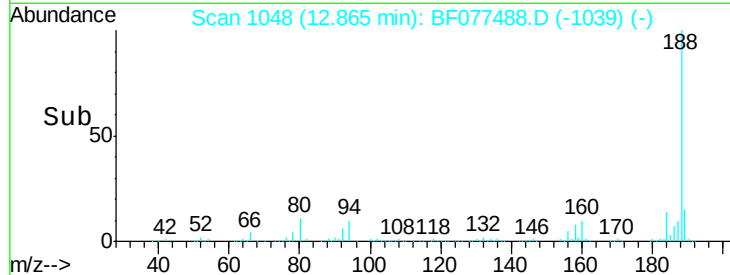
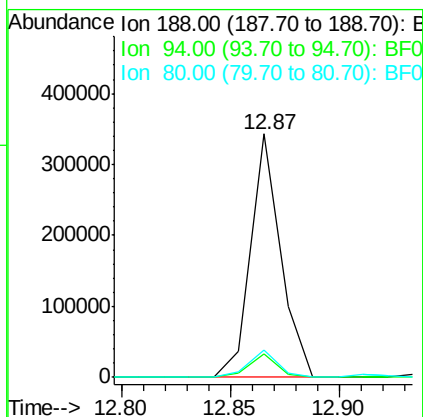
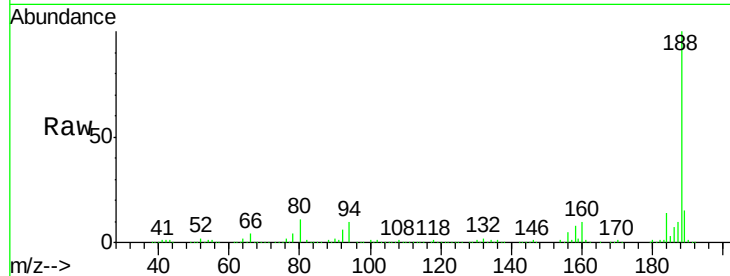




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.87 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF077488.D
Acq: 27 Feb 2015 4:04

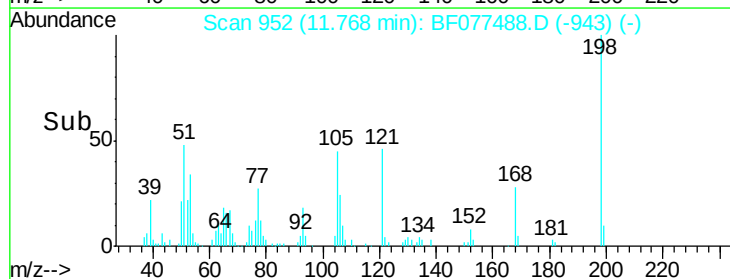
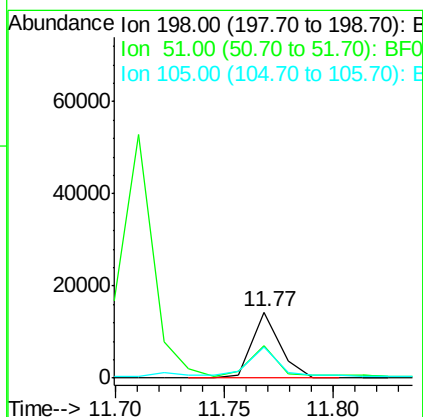
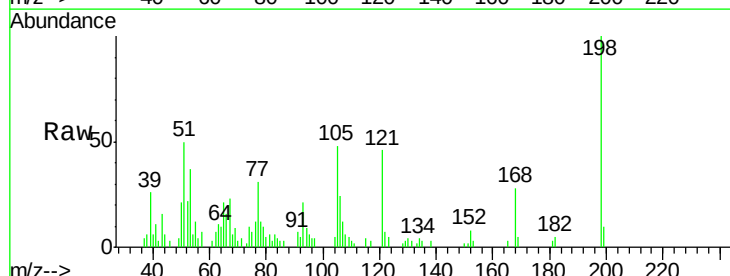
Instrument :
BNA_F
ClientSampleId :
B-11-D910MS

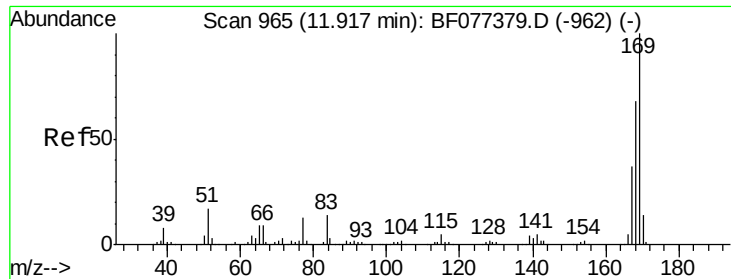
Tgt Ion:188 Resp: 330273
Ion Ratio Lower Upper
188 100
94 9.9 7.4 11.2
80 11.3 8.0 12.0



#64
4,6-Dinitro-2-methylphenol
Concen: 12.71 ng
RT: 11.77 min Scan# 952
Delta R.T. 0.00 min
Lab File: BF077488.D
Acq: 27 Feb 2015 4:04

Tgt Ion:198 Resp: 12854
Ion Ratio Lower Upper
198 100
51 50.0 2.7 42.7#
105 47.9 10.0 50.0





#65

n-Nitrosodiphenylamine

Concen: 28.97 ng

RT: 11.86 min Scan# 960

Delta R.T. 0.00 min

Lab File: BF077488.D

Acq: 27 Feb 2015 4:04

Instrument :

BNA_F

ClientSampleId :

B-11-D910MS

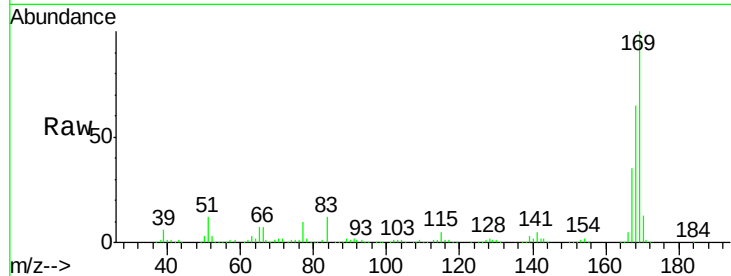
Tgt Ion:169 Resp: 317419

Ion Ratio Lower Upper

169 100

168 64.9 53.0 79.6

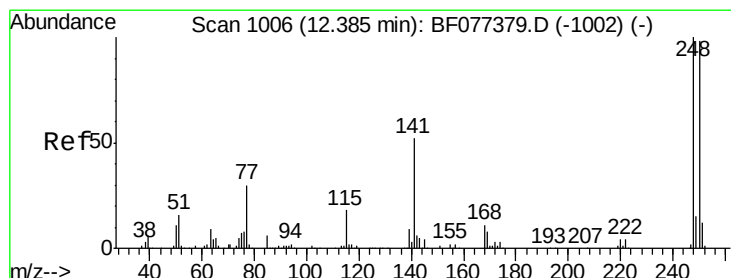
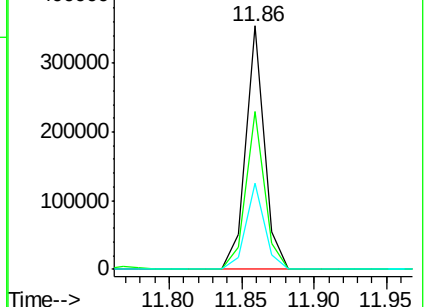
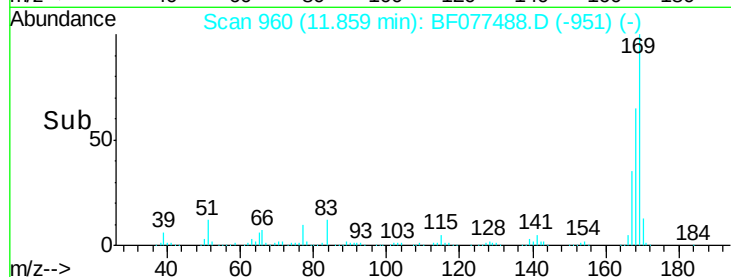
167 35.4 29.5 44.3



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: 26.37 ng

RT: 12.32 min Scan# 1000

Delta R.T. 0.00 min

Lab File: BF077488.D

Acq: 27 Feb 2015 4:04

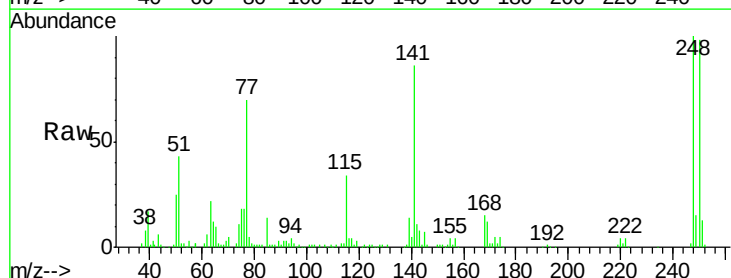
Tgt Ion:248 Resp: 102001

Ion Ratio Lower Upper

248 100

250 97.8 78.0 117.0

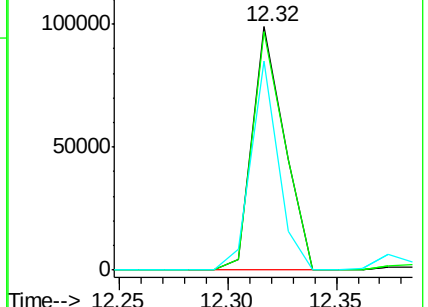
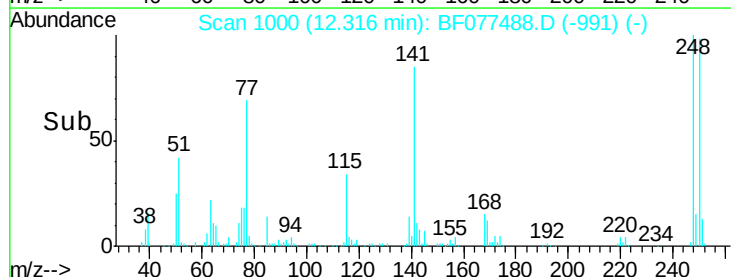
141 86.1 54.1 81.1#

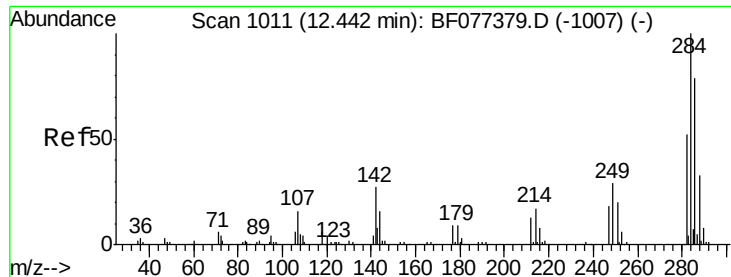


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 26.15 ng

RT: 12.38 min Scan# 1006

Delta R.T. 0.01 min

Lab File: BF077488.D

Acq: 27 Feb 2015 4:04

Instrument :

BNA_F

ClientSampleId :

B-11-D910MS

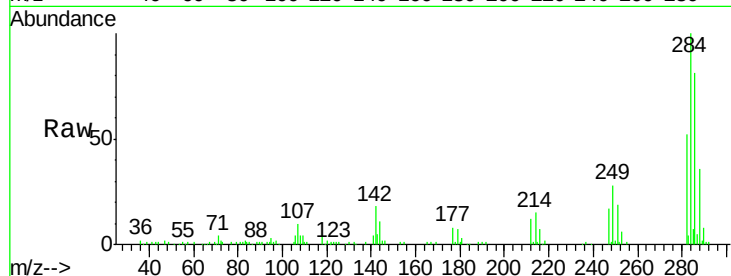
Tgt Ion:284 Resp: 108566

Ion Ratio Lower Upper

284 100

142 18.3 31.6 47.4#

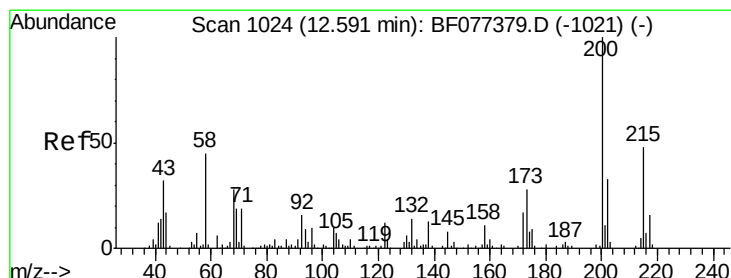
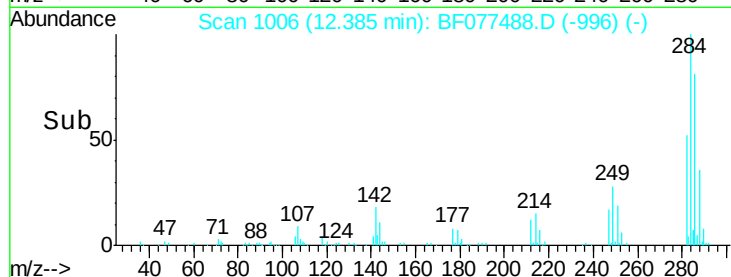
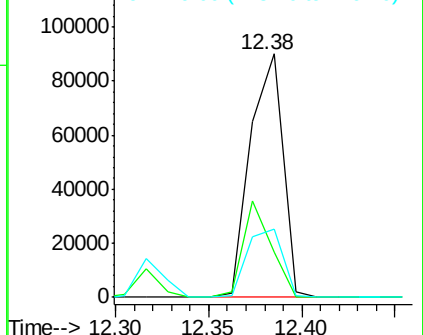
249 28.0 27.0 40.4



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 29.09 ng

RT: 12.53 min Scan# 1019

Delta R.T. 0.01 min

Lab File: BF077488.D

Acq: 27 Feb 2015 4:04

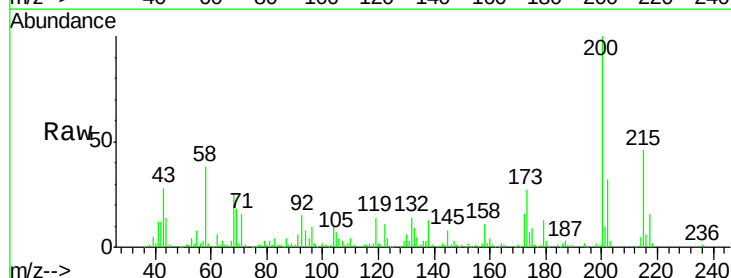
Tgt Ion:200 Resp: 103638

Ion Ratio Lower Upper

200 100

173 27.1 9.6 49.6

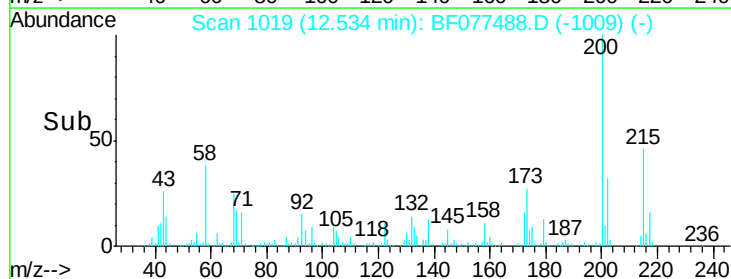
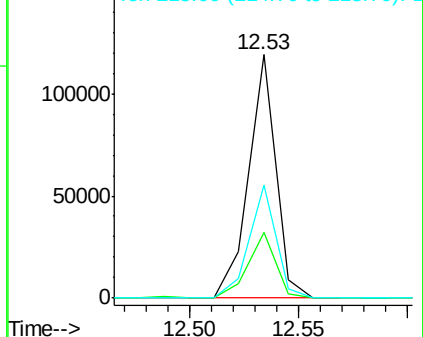
215 46.3 24.4 64.4

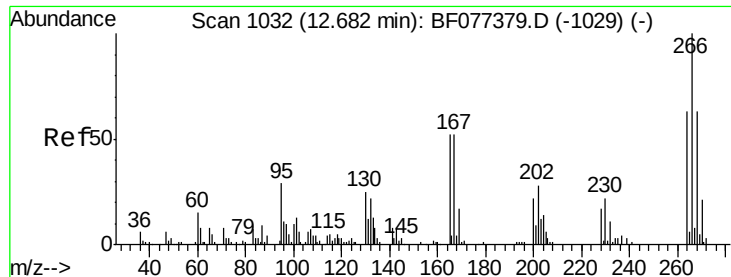


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

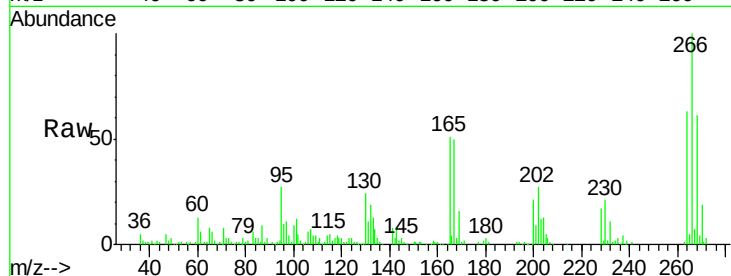




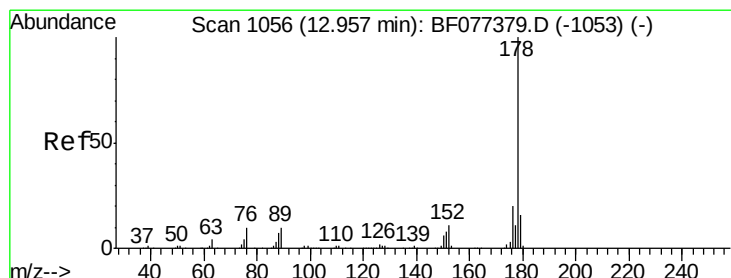
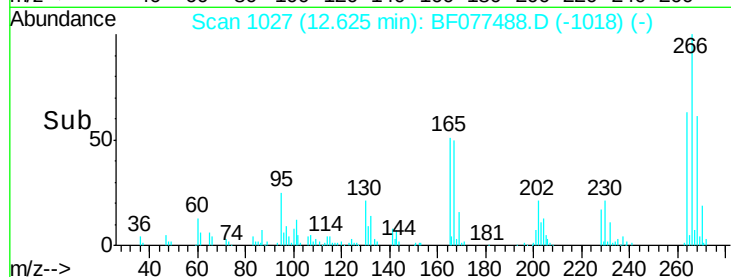
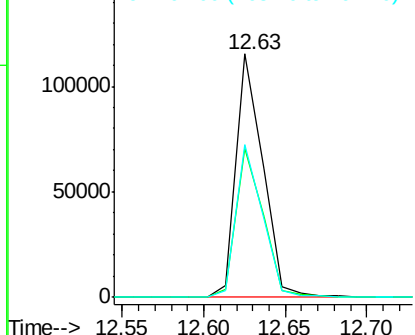
#69
 Pentachlorophenol
 Concen: 59.76 ng
 RT: 12.63 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BF077488.D
 Acq: 27 Feb 2015 4:04

Instrument :
 BNA_F
 ClientSampleId :
 B-11-D910MS

Tgt Ion: 266 Resp: 130374
 Ion Ratio Lower Upper
 266 100
 268 61.2 51.2 76.8
 264 62.6 50.7 76.1

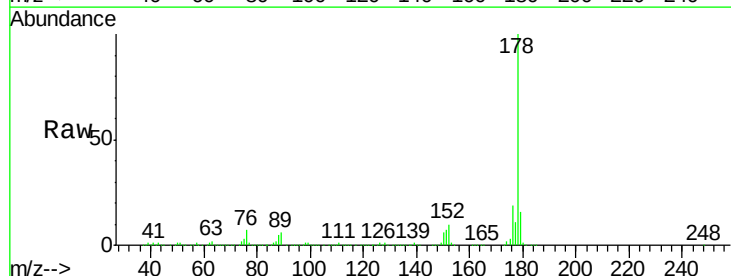


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

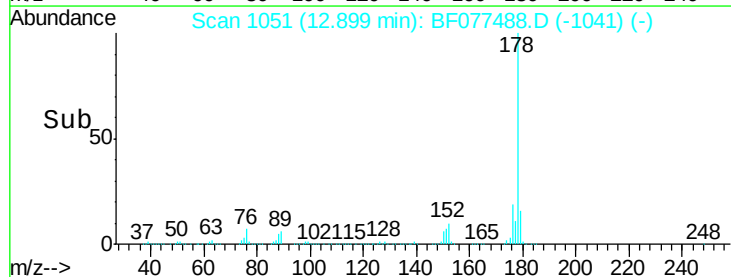
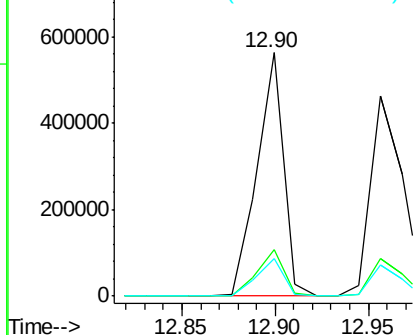


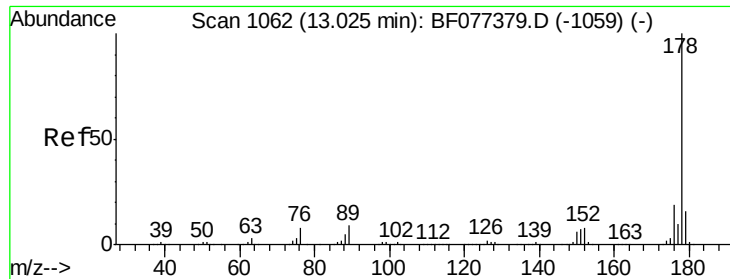
#70
 Phenanthrene
 Concen: 29.35 ng
 RT: 12.90 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: BF077488.D
 Acq: 27 Feb 2015 4:04

Tgt Ion: 178 Resp: 561800
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.5 23.3
 179 15.6 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

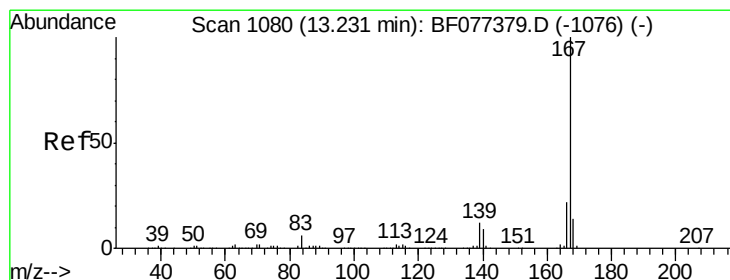
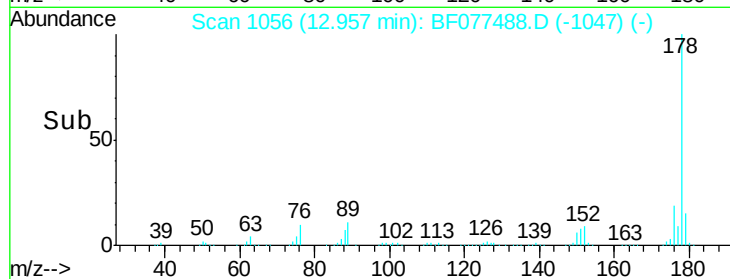
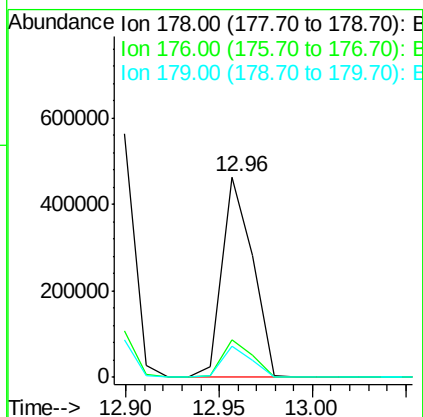
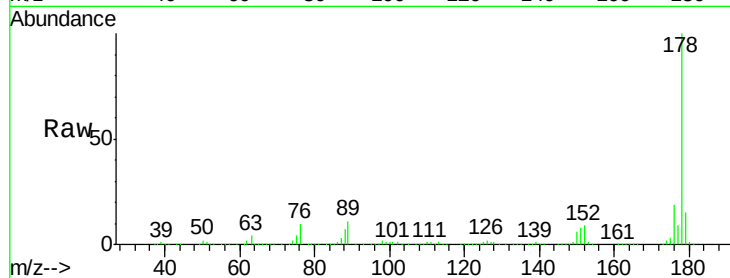




#71
 Anthracene
 Concen: 27.96 ng
 RT: 12.96 min Scan# 1056
 Delta R.T. 0.00 min
 Lab File: BF077488.D
 Acq: 27 Feb 2015 4:04

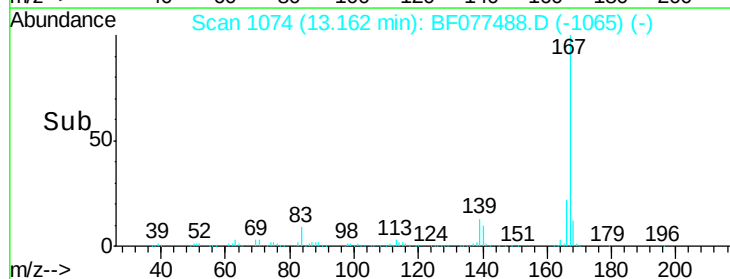
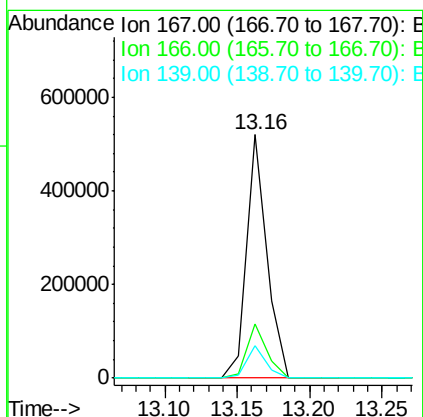
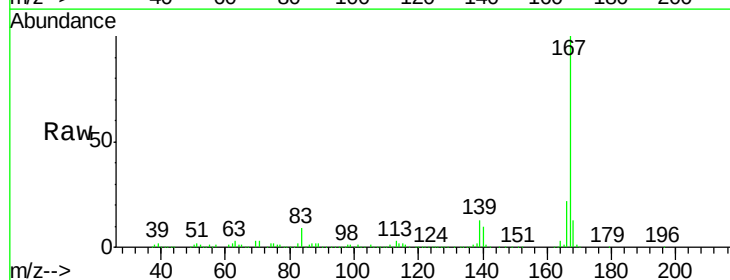
Instrument :
 BNA_F
 ClientSampleId :
 B-11-D910MS

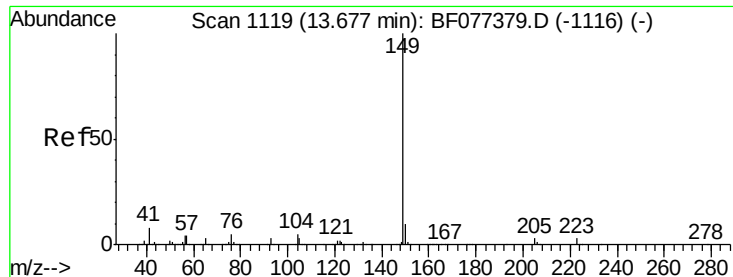
Tgt Ion:178 Resp: 531089
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.4 23.0
 179 15.5 12.9 19.3



#72
 Carbazole
 Concen: 28.00 ng
 RT: 13.16 min Scan# 1074
 Delta R.T. 0.00 min
 Lab File: BF077488.D
 Acq: 27 Feb 2015 4:04

Tgt Ion:167 Resp: 505789
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.6 26.4
 139 13.1 9.9 14.9





#73

Di-n-butylphthalate

Concen: 29.55 ng

RT: 13.62 min Scan# 1114

Delta R.T. 0.01 min

Lab File: BF077488.D

Acq: 27 Feb 2015 4:04

Instrument :

BNA_F

ClientSampleId :

B-11-D910MS

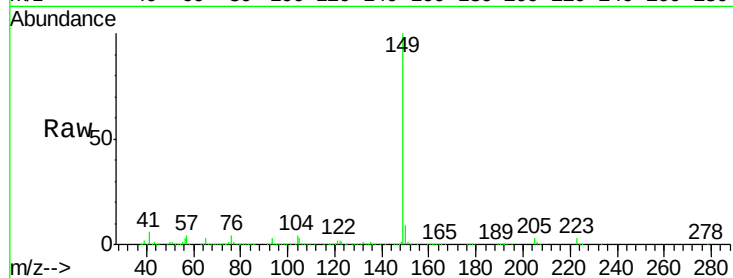
Tgt Ion:149 Resp: 626821

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.8

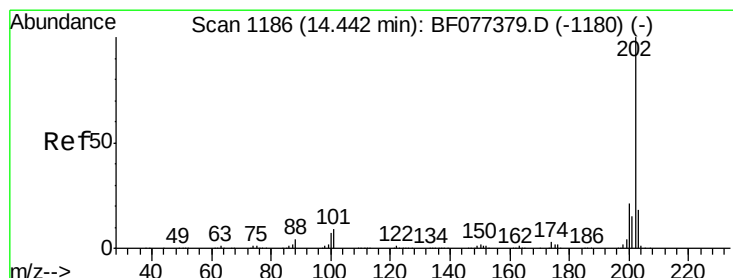
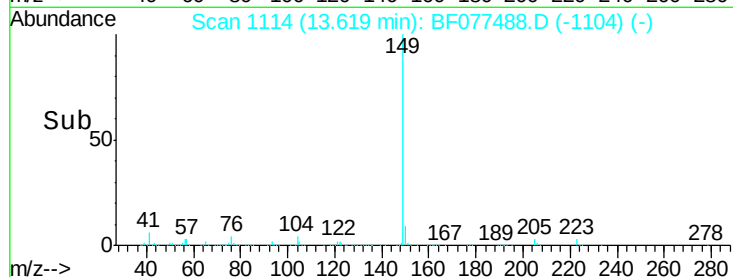
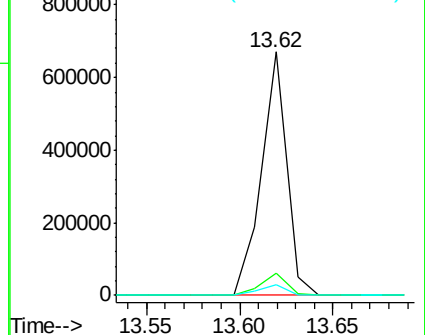
104 4.3 4.1 6.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 28.75 ng

RT: 14.37 min Scan# 1180

Delta R.T. 0.01 min

Lab File: BF077488.D

Acq: 27 Feb 2015 4:04

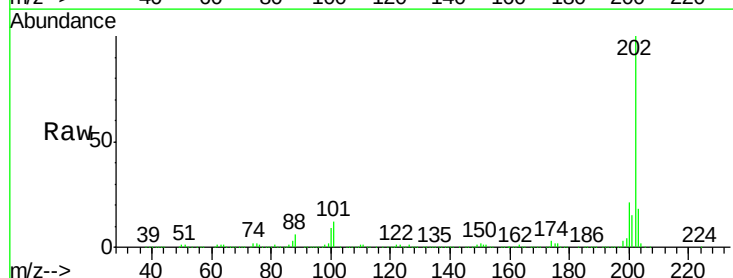
Tgt Ion:202 Resp: 601238

Ion Ratio Lower Upper

202 100

101 12.3 0.0 30.8

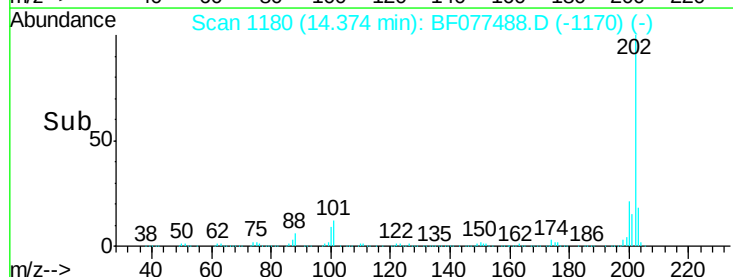
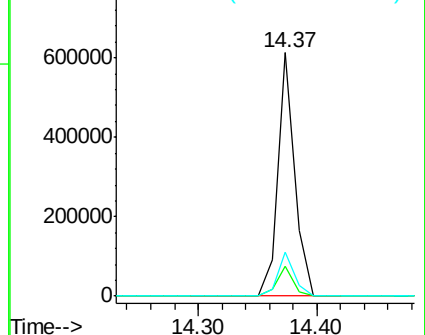
203 18.0 0.0 37.7

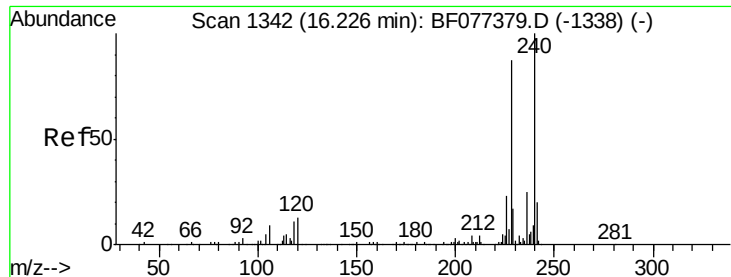


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.16 min Scan# 1336

Delta R.T. 0.02 min

Lab File: BF077488.D

Acq: 27 Feb 2015 4:04

Instrument :

BNA_F

ClientSampleId :

B-11-D910MS

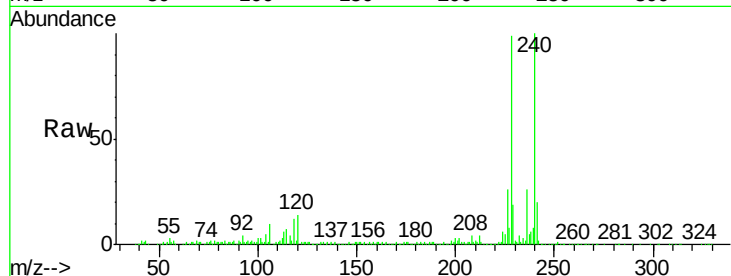
Tgt Ion:240 Resp: 340248

Ion Ratio Lower Upper

240 100

120 14.0 8.8 13.2#

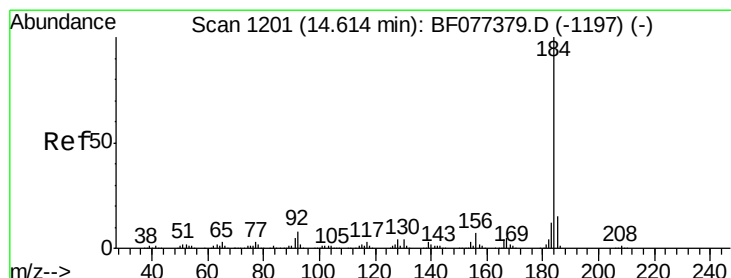
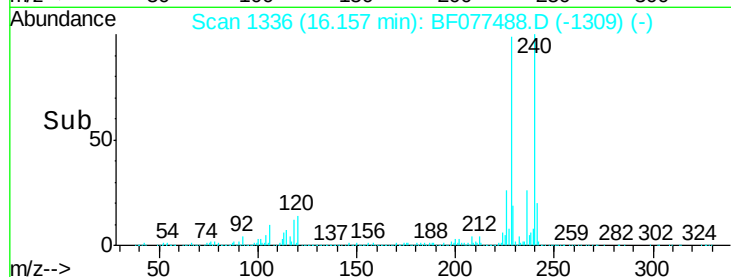
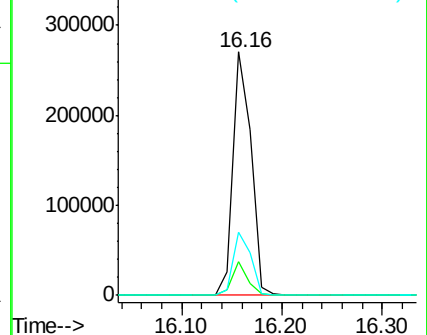
236 25.8 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 31.87 ng

RT: 14.55 min Scan# 1196

Delta R.T. 0.01 min

Lab File: BF077488.D

Acq: 27 Feb 2015 4:04

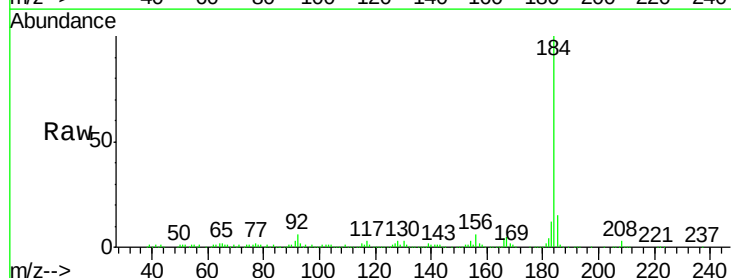
Tgt Ion:184 Resp: 366359

Ion Ratio Lower Upper

184 100

185 14.5 12.6 18.8

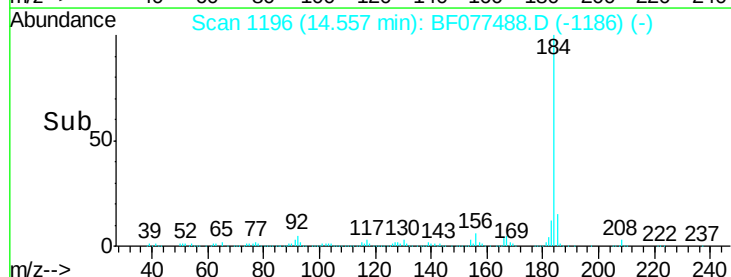
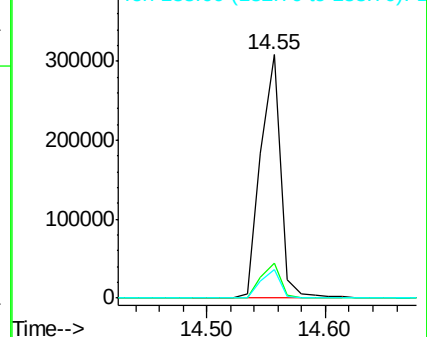
183 11.7 9.3 13.9

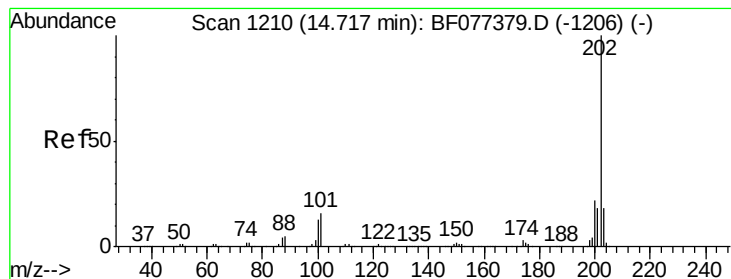


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 30.45 ng

RT: 14.65 min Scan# 1205

Delta R.T. 0.01 min

Lab File: BF077488.D

Acq: 27 Feb 2015 4:04

Instrument :

BNA_F

ClientSampleId :

B-11-D910MS

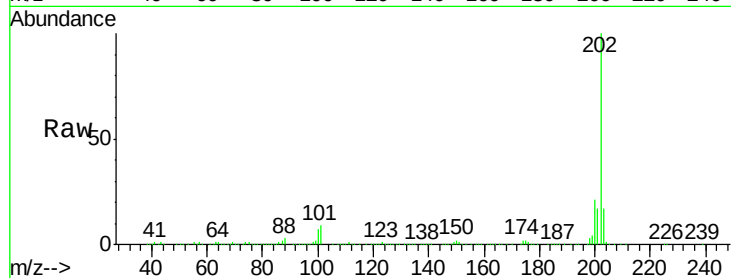
Tgt Ion:202 Resp: 633751

Ion Ratio Lower Upper

202 100

200 20.9 17.1 25.7

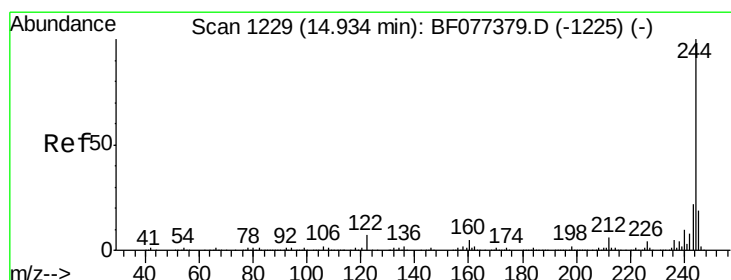
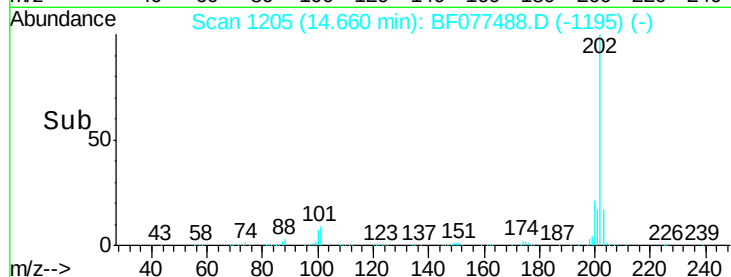
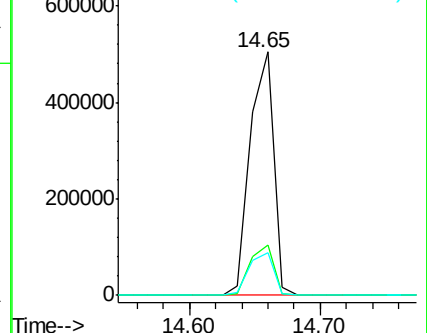
203 17.3 14.2 21.2



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: 57.74 ng

RT: 14.86 min Scan# 1223

Delta R.T. 0.01 min

Lab File: BF077488.D

Acq: 27 Feb 2015 4:04

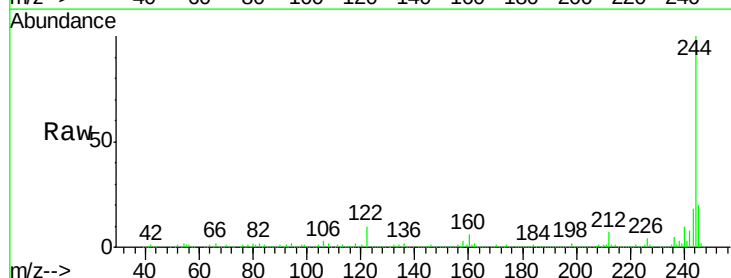
Tgt Ion:244 Resp: 840323

Ion Ratio Lower Upper

244 100

212 6.5 5.2 7.8

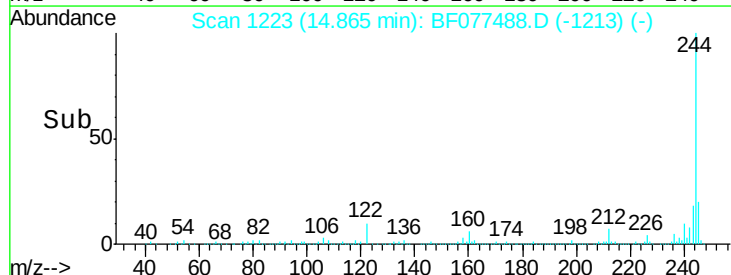
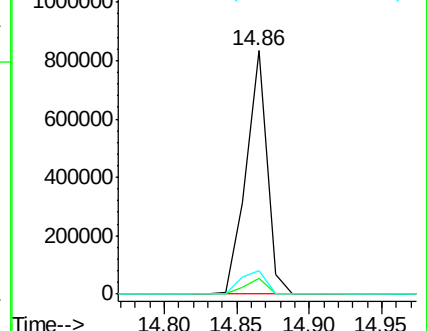
122 9.6 7.8 11.8

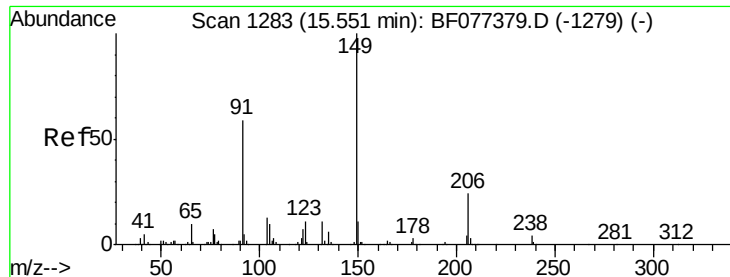


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

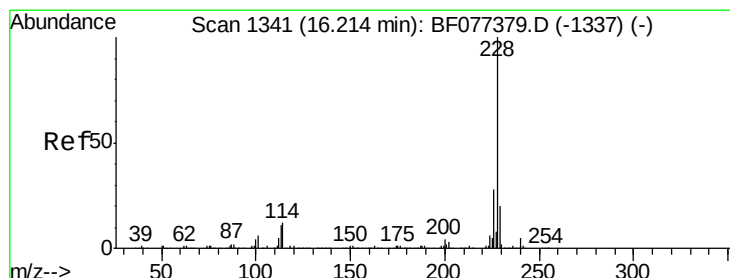
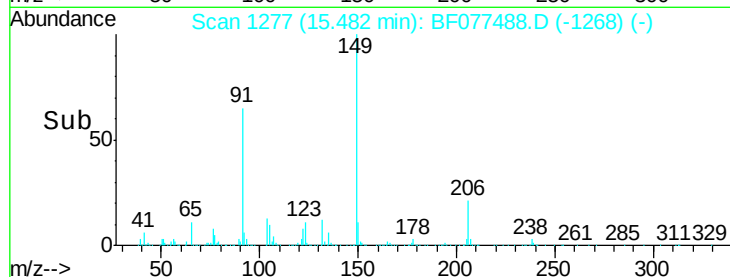
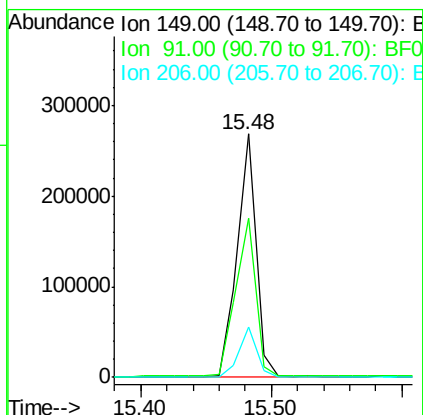
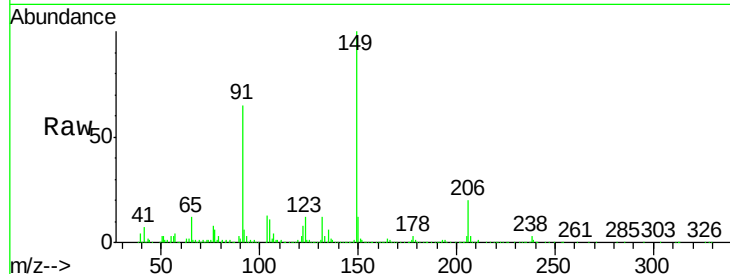




#79
Butylbenzylphthalate
Concen: 31.32 ng
RT: 15.48 min Scan# 1277
Delta R.T. -0.00 min
Lab File: BF077488.D
Acq: 27 Feb 2015 4:04

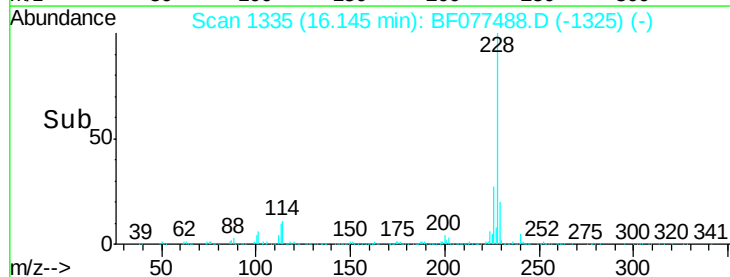
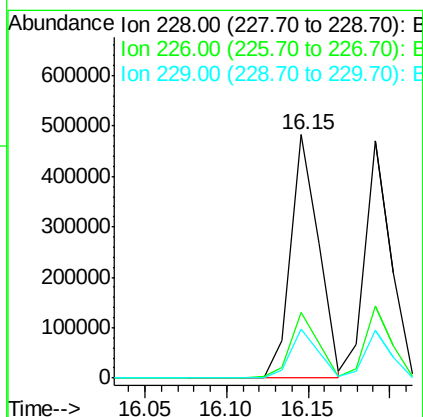
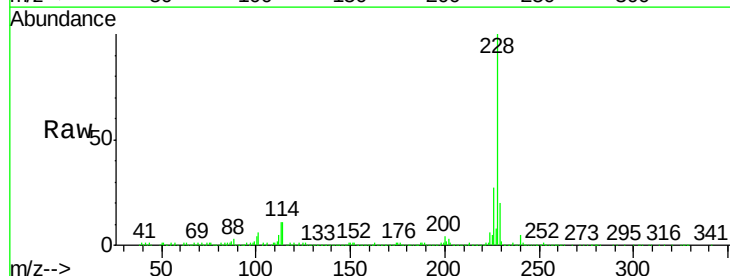
Instrument :
BNA_F
ClientSampleId :
B-11-D910MS

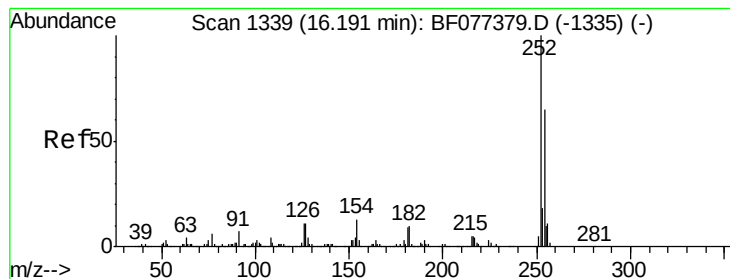
Tgt Ion	Ratio	Lower	Upper
149	100		
91	65.4	51.2	76.8
206	20.4	17.8	26.8



#80
Benzo(a)anthracene
Concen: 28.91 ng
RT: 16.15 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF077488.D
Acq: 27 Feb 2015 4:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.0	33.0
229	20.3	15.8	23.8





#81

3,3'-Dichlorobenzidine

Concen: 23.99 ng

RT: 16.12 min Scan# 1333

Delta R.T. 0.01 min

Lab File: BF077488.D

Acq: 27 Feb 2015 4:04

Instrument :

BNA_F

ClientSampleId :

B-11-D910MS

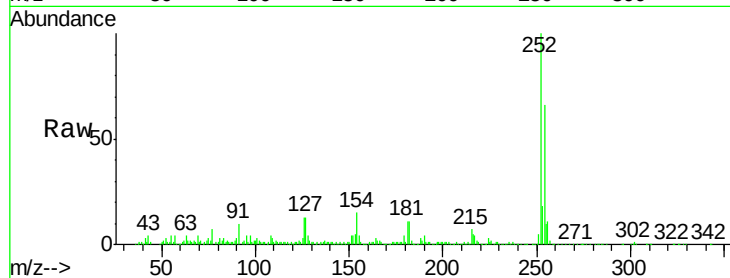
Tgt Ion:252 Resp: 175318

Ion Ratio Lower Upper

252 100

254 66.0 52.9 79.3

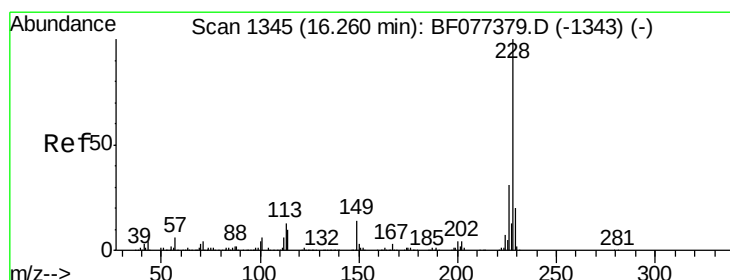
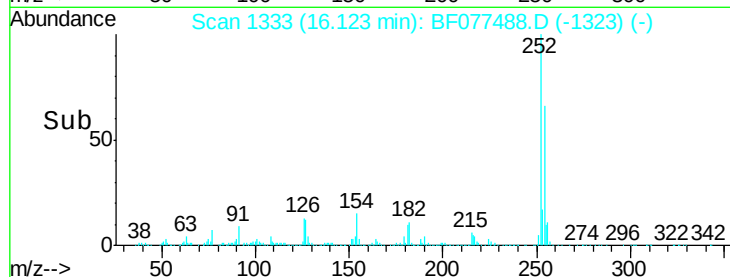
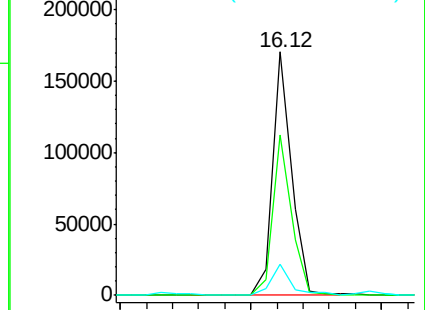
126 12.8 7.3 10.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 27.40 ng

RT: 16.19 min Scan# 1339

Delta R.T. 0.01 min

Lab File: BF077488.D

Acq: 27 Feb 2015 4:04

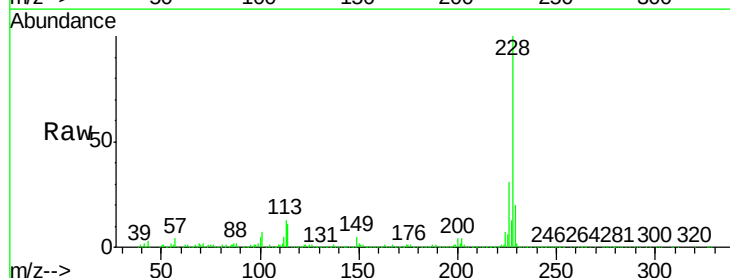
Tgt Ion:228 Resp: 512985

Ion Ratio Lower Upper

228 100

226 30.7 24.9 37.3

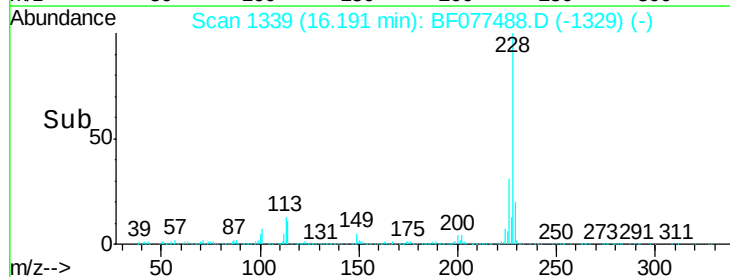
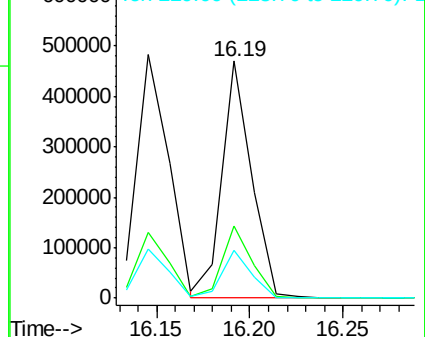
229 20.3 16.4 24.6

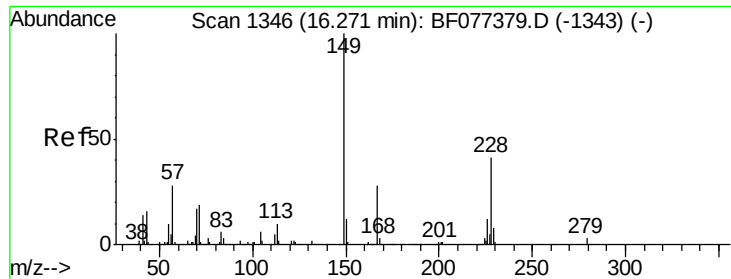


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

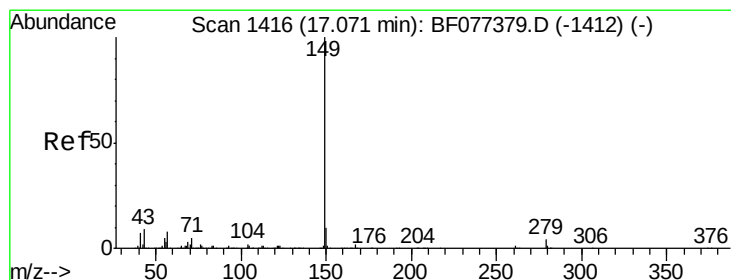
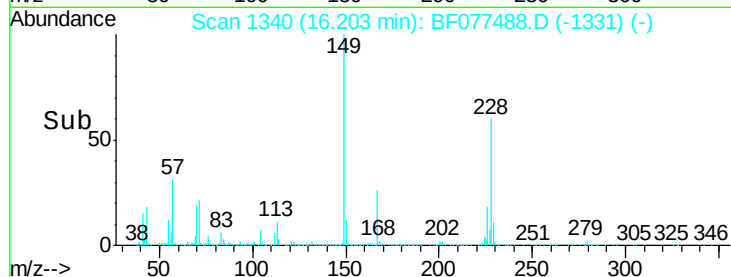
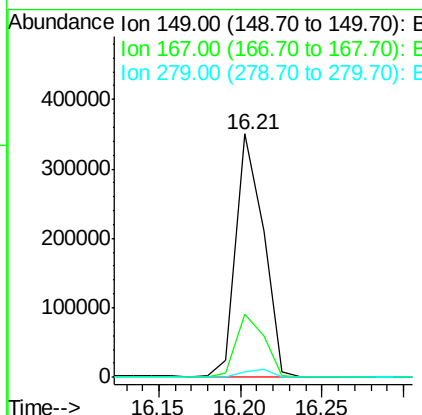
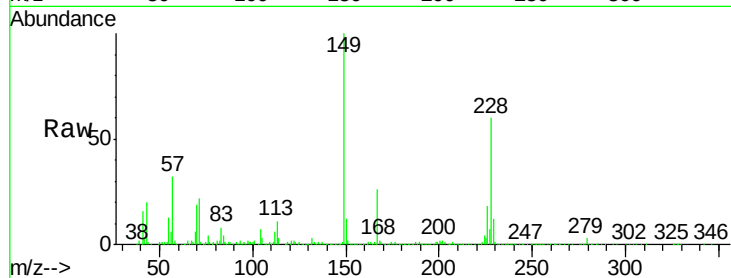




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 29.38 ng
 RT: 16.21 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: BF077488.D
 Acq: 27 Feb 2015 4:04

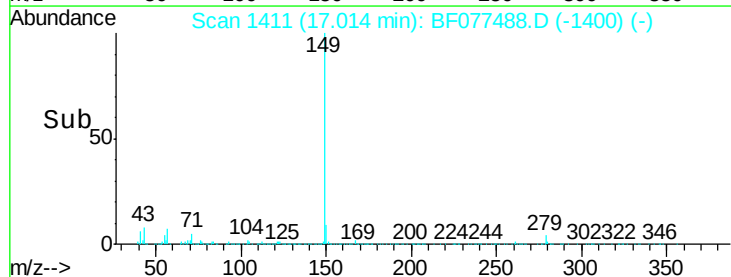
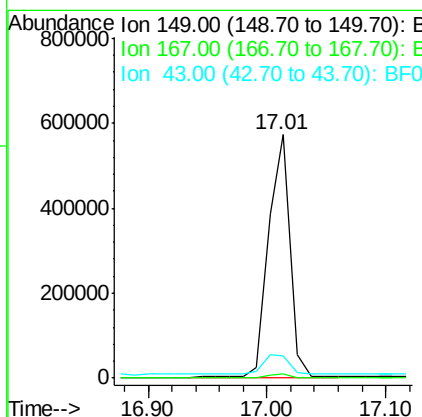
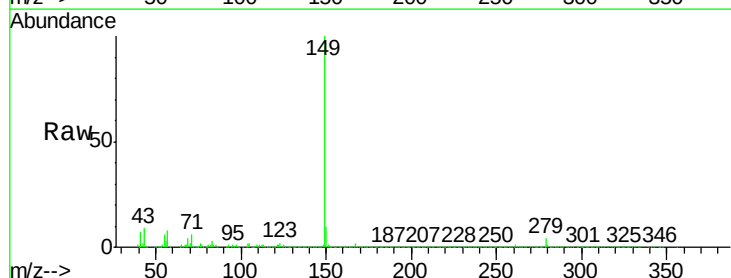
Instrument :
 BNA_F
 ClientSampleId :
 B-11-D910MS

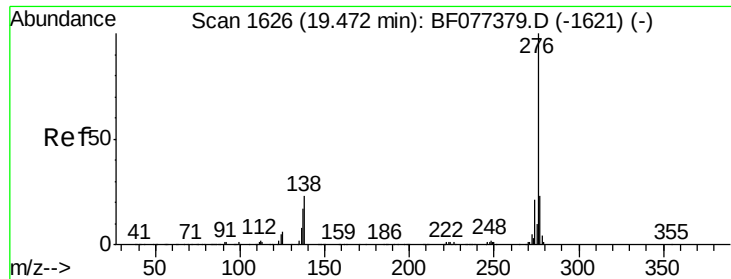
Tgt Ion:149 Resp: 403368
 Ion Ratio Lower Upper
 149 100
 167 25.7 22.8 34.2
 279 2.5 3.8 5.6#



#84
 Di-n-octyl phthalate
 Concen: 31.32 ng
 RT: 17.01 min Scan# 1411
 Delta R.T. 0.02 min
 Lab File: BF077488.D
 Acq: 27 Feb 2015 4:04

Tgt Ion:149 Resp: 718111
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 10.6 8.1 12.1

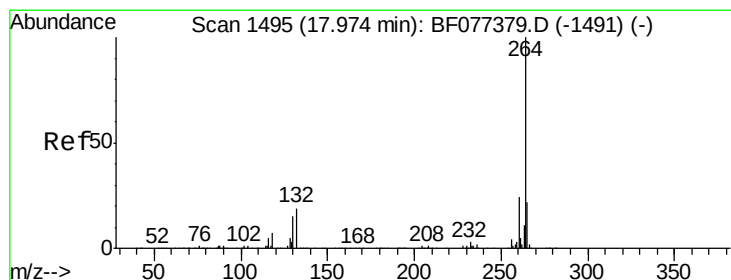
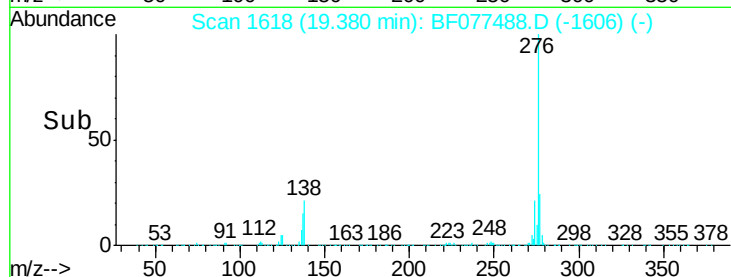
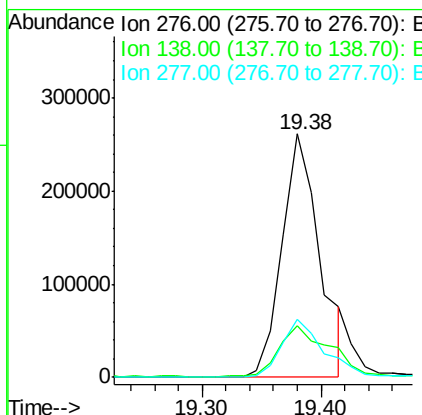
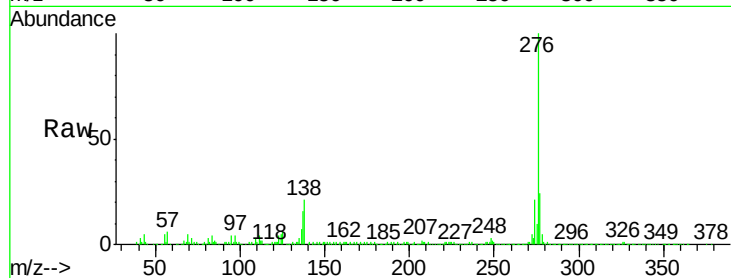




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 26.70 ng
 RT: 19.38 min Scan# 1618
 Delta R.T. 0.04 min
 Lab File: BF077488.D
 Acq: 27 Feb 2015 4:04

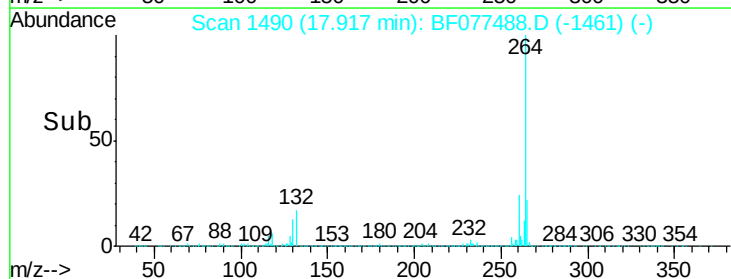
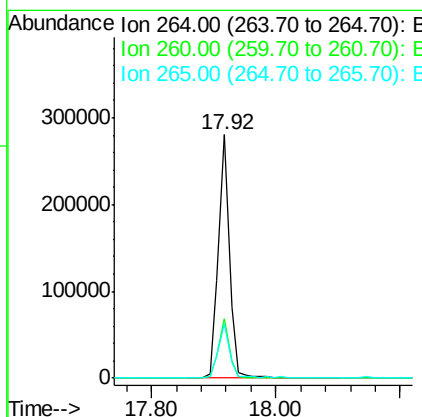
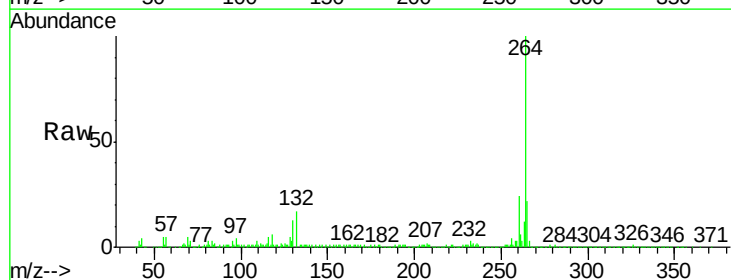
Instrument :
 BNA_F
 ClientSampleId :
 B-11-D910MS

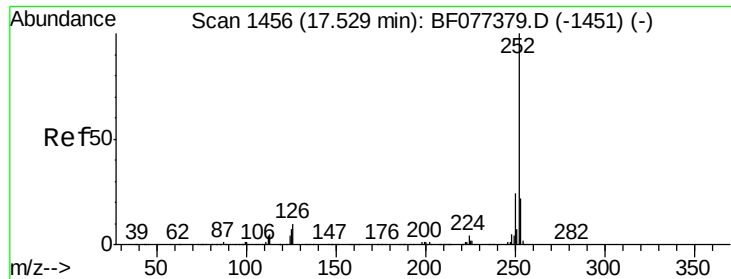
Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.7	21.2	31.8
277	24.7	20.0	30.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.92 min Scan# 1490
 Delta R.T. 0.03 min
 Lab File: BF077488.D
 Acq: 27 Feb 2015 4:04

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.3	28.9
265	22.1	16.8	25.2





#87

Benzo(b)fluoranthene

Concen: 29.76 ng

RT: 17.47 min Scan# 1450

Delta R.T. 0.03 min

Lab File: BF077488.D

Acq: 27 Feb 2015 4:04

Instrument :

BNA_F

ClientSampleId :

B-11-D910MS

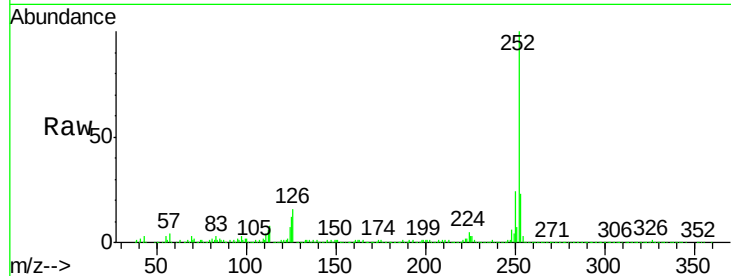
Tgt Ion:252 Resp: 584161

Ion Ratio Lower Upper

252 100

253 22.7 17.6 26.4

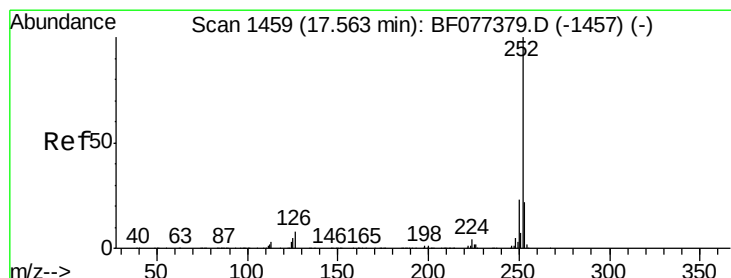
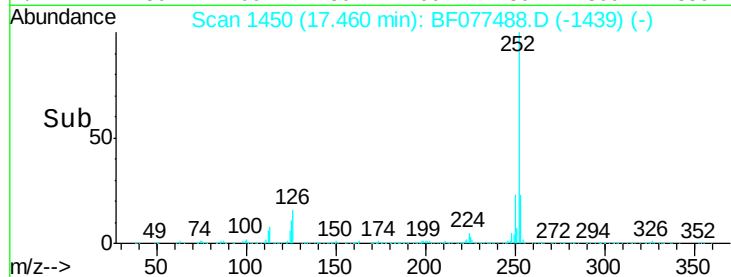
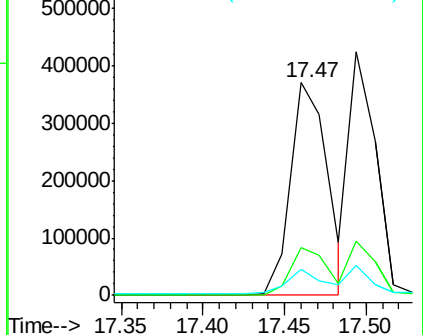
125 12.5 5.4 8.2#



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: 25.43 ng

RT: 17.50 min Scan# 1453

Delta R.T. 0.03 min

Lab File: BF077488.D

Acq: 27 Feb 2015 4:04

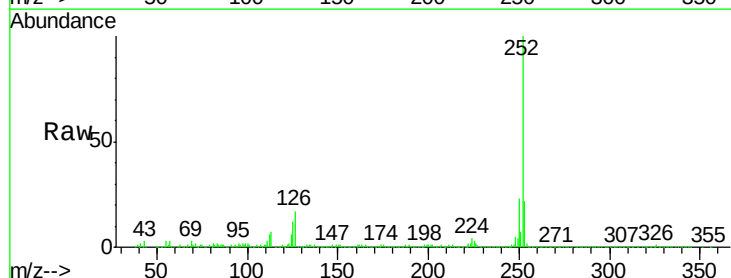
Tgt Ion:252 Resp: 489127

Ion Ratio Lower Upper

252 100

253 22.3 18.1 27.1

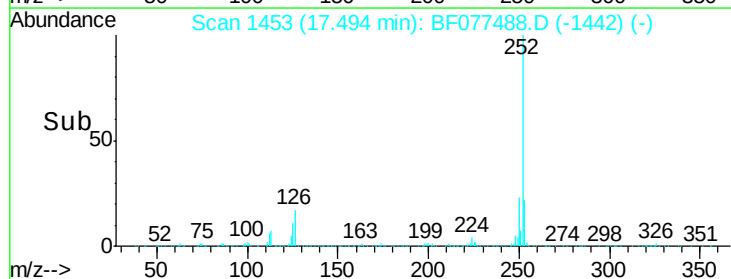
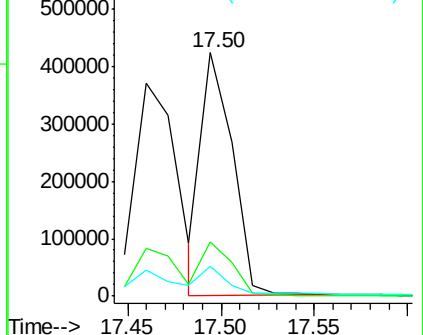
125 12.2 10.1 15.1

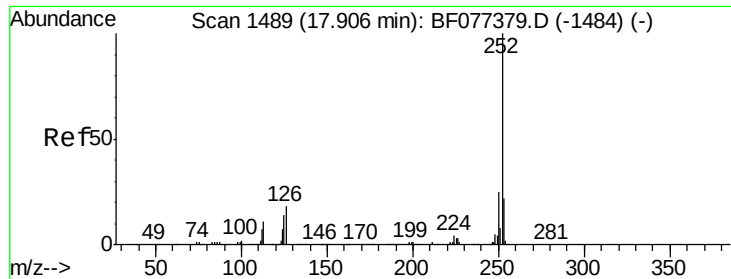


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 28.83 ng

RT: 17.85 min Scan# 1484

Delta R.T. 0.03 min

Lab File: BF077488.D

Acq: 27 Feb 2015 4:04

Instrument :

BNA_F

ClientSampleId :

B-11-D910MS

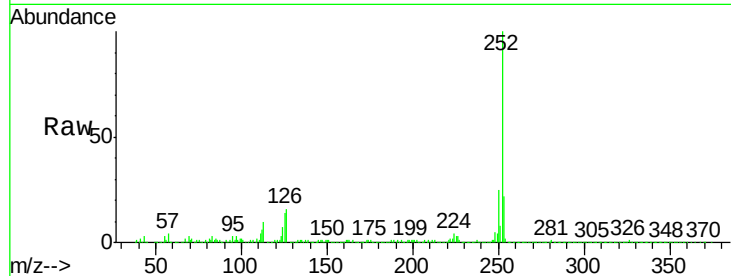
Tgt Ion:252 Resp: 538995

Ion Ratio Lower Upper

252 100

253 22.4 18.2 27.2

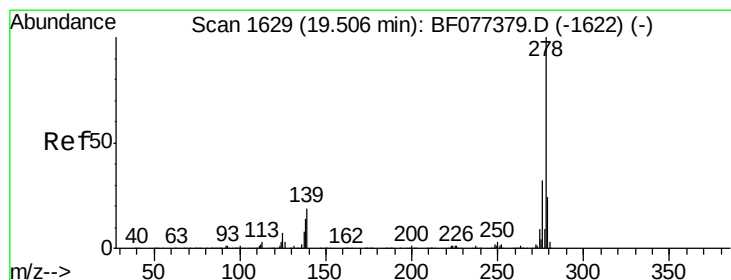
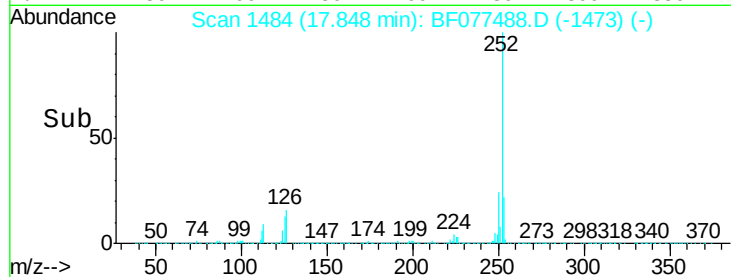
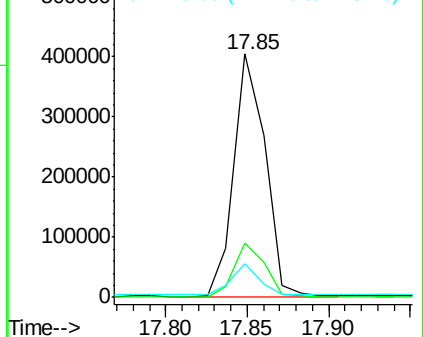
125 14.0 8.3 12.5#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 27.63 ng

RT: 19.41 min Scan# 1621

Delta R.T. 0.03 min

Lab File: BF077488.D

Acq: 27 Feb 2015 4:04

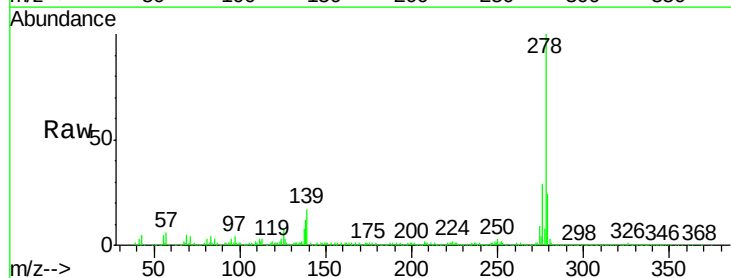
Tgt Ion:278 Resp: 492566

Ion Ratio Lower Upper

278 100

139 17.1 14.3 21.5

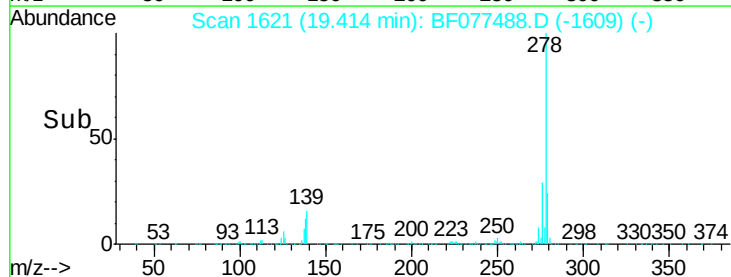
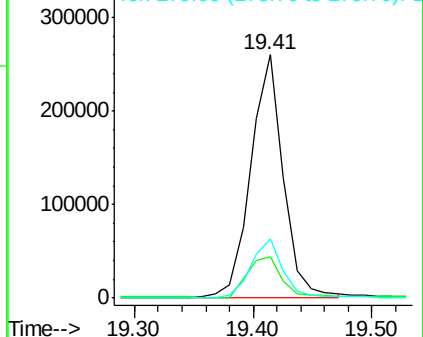
279 24.4 19.0 28.6

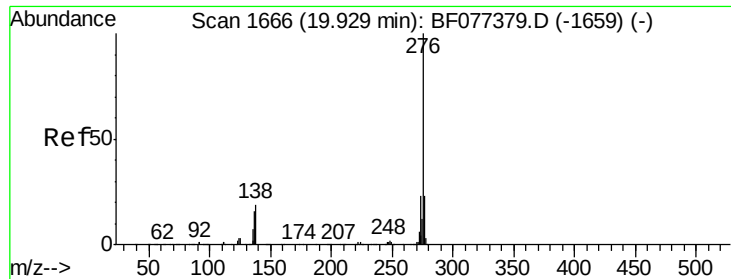


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 27.39 ng

RT: 19.81 min Scan# 1656

Delta R.T. 0.03 min

Lab File: BF077488.D

Acq: 27 Feb 2015 4:04

Instrument :

BNA_F

ClientSampleId :

B-11-D910MS

Tgt Ion: 276 Resp: 492908

Ion Ratio Lower Upper

276 100

277 23.6 18.9 28.3

138 23.6 20.5 30.7

