

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031015\
 Data File : BF077674.D
 Acq On : 10 Mar 2015 21:29
 Operator : TP/IZ
 Sample : PB82055BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82055BS

Quant Time: Mar 11 00:18:01 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 11 00:54:19 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.18	152	66475	20.00	ng	0.00
21) Naphthalene-d8	8.76	136	261554	20.00	ng	0.00
38) Acenaphthene-d10	10.93	164	122823	20.00	ng	0.00
63) Phenanthrene-d10	12.77	188	230228	20.00	ng	0.00
75) Chrysene-d12	16.06	240	250871	20.00	ng	-0.02
86) Perylene-d12	17.82	264	250077	20.00	ng	-0.09

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	498565	125.21	ng	0.00
7) Phenol-d6	6.75	99	586437	114.55	ng	0.00
23) Nitrobenzene-d5	7.88	82	360439	85.70	ng	0.00
41) 2,4,6-Tribromophenol	11.91	330	150897	127.59	ng	0.00
44) 2-Fluorobiphenyl	10.11	172	715049	90.78	ng	0.00
78) Terphenyl-d14	14.76	244	842514	78.51	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.12	88	61521	36.41	ng	# 79
3) Pyridine	2.84	79	152956	31.64	ng	91
4) n-Nitrosodimethylamine	2.75	42	72664	34.57	ng	89
6) Aniline	6.77	93	153306	21.67	ng	# 40
8) 2-Chlorophenol	6.92	128	180370	38.40	ng	85
9) Benzaldehyde	6.63	77	20579	6.62	ng	93
10) Phenol	6.77	94	216576	35.65	ng	# 72
11) bis(2-Chloroethyl)ether	6.88	93	166611	38.17	ng	92
12) 1,3-Dichlorobenzene	7.11	146	193942	37.92	ng	98
13) 1,4-Dichlorobenzene	7.21	146	198679	38.18	ng	100
14) 1,2-Dichlorobenzene	7.39	146	190354	38.46	ng	98
15) Benzyl Alcohol	7.37	79	138237	35.52	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.55	45	224917	36.05	ng	99
17) 2-Methylphenol	7.52	107	139921	38.11	ng	98
18) Hexachloroethane	7.81	117	66559	38.30	ng	# 79
19) n-Nitroso-di-n-propylamine	7.70	70	117442	36.12	ng	96
20) 3+4-Methylphenols	7.71	107	186370	38.54	ng	# 72
22) Acetophenone	7.69	105	246491	40.06	ng	# 84
24) Nitrobenzene	7.90	77	182760	41.30	ng	96
25) Isophorone	8.20	82	315908	37.86	ng	97
26) 2-Nitrophenol	8.29	139	86525	47.71	ng	98
27) 2,4-Dimethylphenol	8.36	122	162337	40.00	ng	100
28) bis(2-Chloroethoxy)methane	8.48	93	195337	37.05	ng	99
29) 2,4-Dichlorophenol	8.59	162	150048	39.39	ng	92
30) 1,2,4-Trichlorobenzene	8.69	180	158076	37.75	ng	98
31) Naphthalene	8.79	128	509429	38.95	ng	100
32) Benzoic acid	8.46	122	77977	39.54	ng	97
33) 4-Chloroaniline	8.86	127	116890	20.10	ng	97
34) Hexachlorobutadiene	8.94	225	89489	37.43	ng	99
35) Caprolactam	9.29	113	45396	39.04	ng	89
36) 4-Chloro-3-methylphenol	9.47	107	150567	39.32	ng	98
37) 2-Methylnaphthalene	9.65	142	345595	37.21	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.85	216	150019	42.57	ng	98
40) Hexachlorocyclopentadiene	9.84	237	147342	77.97	ng	97

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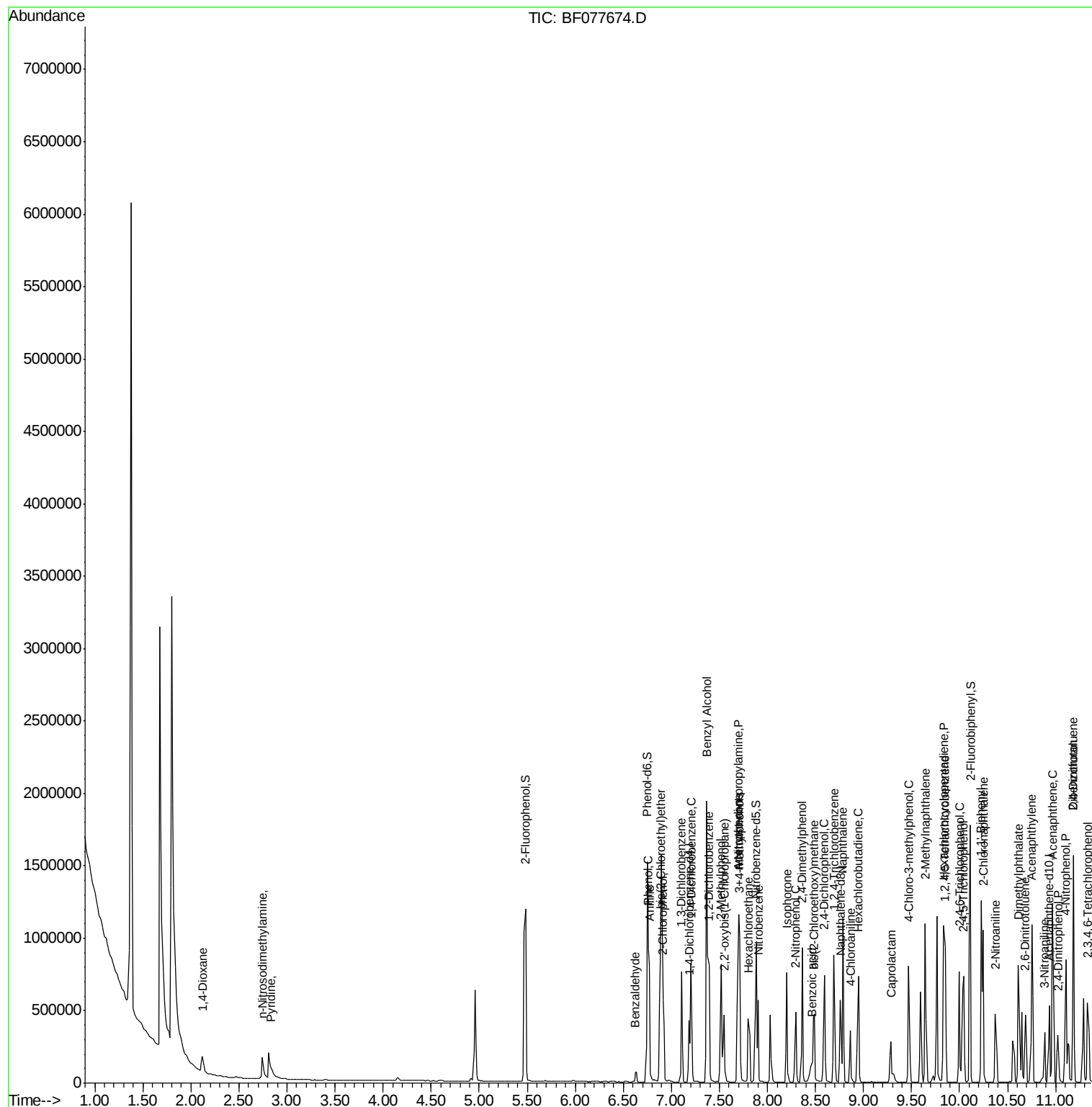
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.00	196	105111	45.04	ng	98
43) 2,4,5-Trichlorophenol	10.04	196	112483	45.07	ng	# 91
45) 1,1'-Biphenyl	10.23	154	395873	42.54	ng	97
46) 2-Chloronaphthalene	10.25	162	333374	45.68	ng	95
47) 2-Nitroaniline	10.38	65	85803	47.76	ng	97
48) Acenaphthylene	10.76	152	511872	44.31	ng	100
49) Dimethylphthalate	10.62	163	364486	42.22	ng	100
50) 2,6-Dinitrotoluene	10.69	165	80999	46.78	ng	# 48
51) Acenaphthene	10.97	154	294486	42.72	ng	99
52) 3-Nitroaniline	10.89	138	64282	32.20	ng	89
53) 2,4-Dinitrophenol	11.02	184	55675	105.68	ng	90
54) Dibenzofuran	11.19	168	457711	43.00	ng	99
55) 4-Nitrophenol	11.11	139	139869	87.11	ng	# 70
56) 2,4-Dinitrotoluene	11.18	165	116714	49.89	ng	# 89
57) Fluorene	11.61	166	363499	42.71	ng	99
58) 2,3,4,6-Tetrachlorophenol	11.34	232	88962	44.34	ng	97
59) Diethylphthalate	11.49	149	362038	42.53	ng	99
60) 4-Chlorophenyl-phenylether	11.62	204	169681	41.38	ng	92
61) 4-Nitroaniline	11.64	138	91045	47.59	ng	91
62) Azobenzene	11.82	77	346279	42.88	ng	96
64) 4,6-Dinitro-2-methylphenol	11.68	198	39162	43.05	ng	99
65) n-Nitrosodiphenylamine	11.77	169	322765	42.25	ng	98
66) 4-Bromophenyl-phenylether	12.23	248	103551	38.41	ng	95
67) Hexachlorobenzene	12.28	284	113104	39.09	ng	93
68) Atrazine	12.44	200	102327	41.20	ng	97
69) Pentachlorophenol	12.54	266	131043	86.16	ng	98
70) Phenanthrene	12.80	178	555747	41.65	ng	100
71) Anthracene	12.86	178	560524	42.33	ng	100
72) Carbazole	13.07	167	555633	44.13	ng	99
73) Di-n-butylphthalate	13.52	149	602888	40.78	ng	97
74) Fluoranthene	14.27	202	612191	42.00	ng	98
76) Benzidine	14.46	184	256771	30.29	ng	98
77) Pyrene	14.55	202	653034	42.55	ng	99
79) Butylbenzylphthalate	15.39	149	270422	42.83	ng	92
80) Benzo(a)anthracene	16.05	228	625208	42.52	ng	99
81) 3,3'-Dichlorobenzidine	16.03	252	153264	28.45	ng	99
82) Chrysene	16.09	228	583110	42.24	ng	99
83) Bis(2-ethylhexyl)phthalate	16.11	149	380527	37.59	ng	# 95
84) Di-n-octyl phthalate	16.92	149	663123	39.23	ng	97
87) Benzo(b)fluoranthene	17.36	252	623987	42.91	ng	98
88) Benzo(k)fluoranthene	17.36	252	623987	43.78	ng	# 94
89) Benzo(a)pyrene	17.75	252	587116	42.39	ng	# 96
90) Dibenzo(a,h)anthracene	19.25	278	568420	43.03	ng	97
91) Benzo(g,h,i)perylene	19.64	276	571099	42.84	ng	95

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

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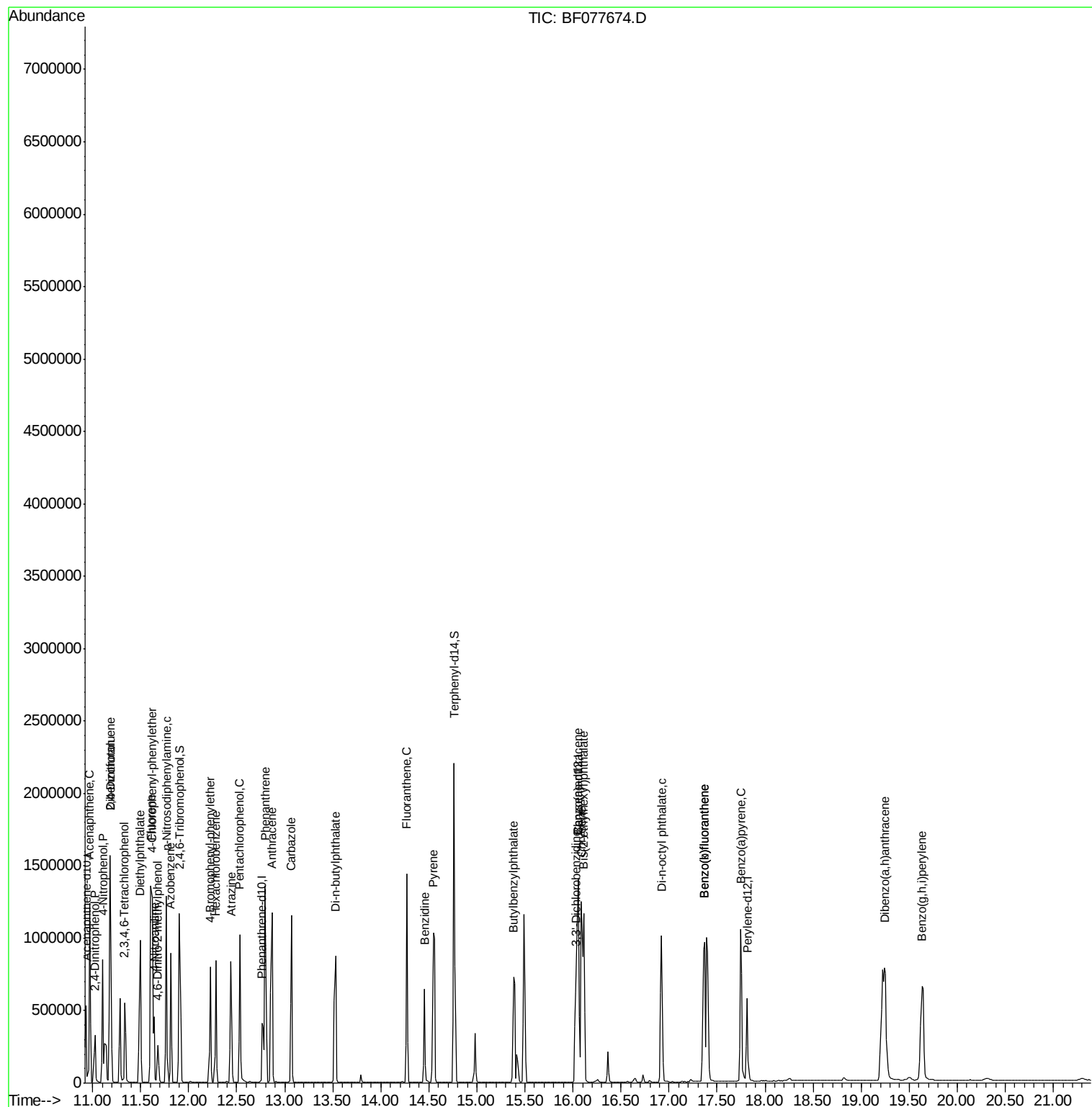
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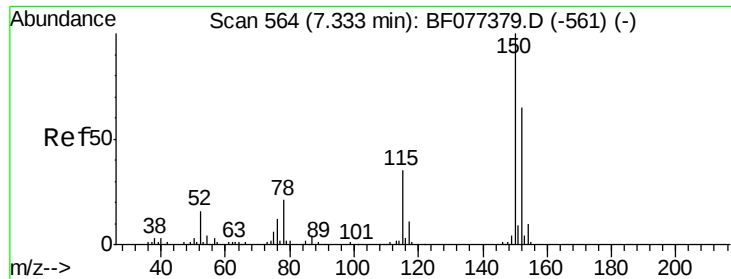


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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.18 min Scan# 551

Delta R.T. -0.00 min

Lab File: BF077674.D

Acq: 10 Mar 2015 21:29

Instrument :

BNA_F

ClientSampleId :

PB82055BS

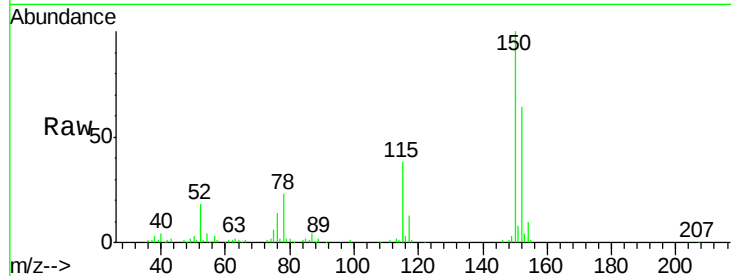
Tgt Ion:152 Resp: 66475

Ion Ratio Lower Upper

152 100

150 157.2 124.0 186.0

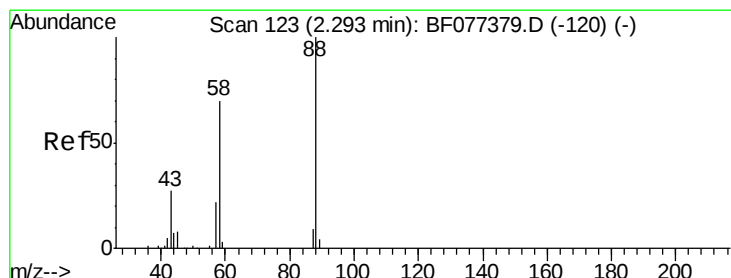
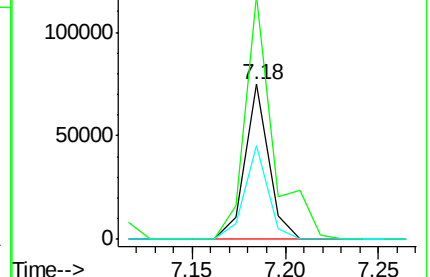
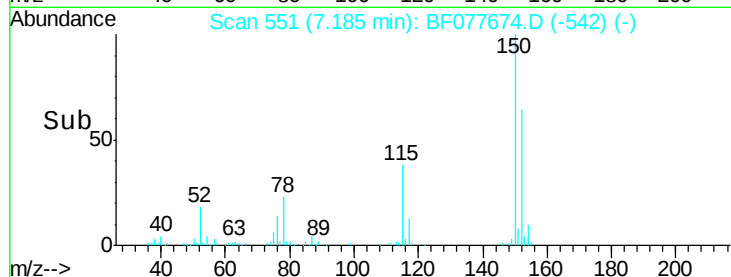
115 60.4 49.4 74.2



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: 36.41 ng

RT: 2.12 min Scan# 108

Delta R.T. 0.04 min

Lab File: BF077674.D

Acq: 10 Mar 2015 21:29

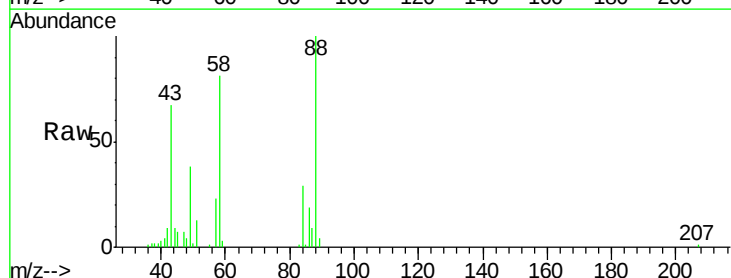
Tgt Ion: 88 Resp: 61521

Ion Ratio Lower Upper

88 100

58 84.8 62.1 93.1

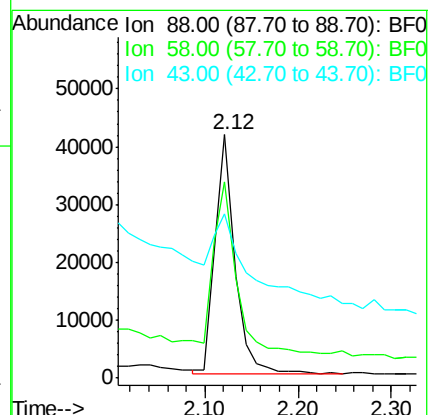
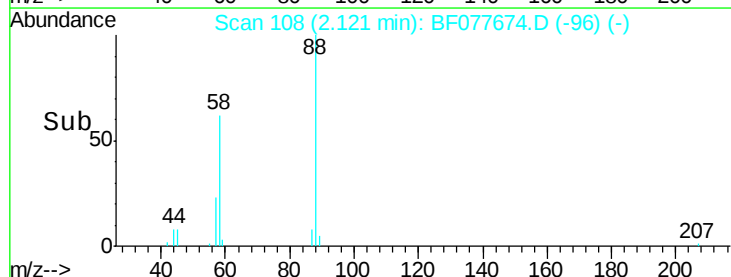
43 0.0 24.0 36.0#

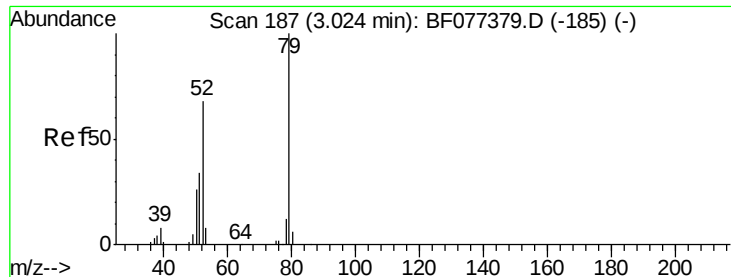


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 31.64 ng

RT: 2.84 min Scan# 171

Delta R.T. 0.03 min

Lab File: BF077674.D

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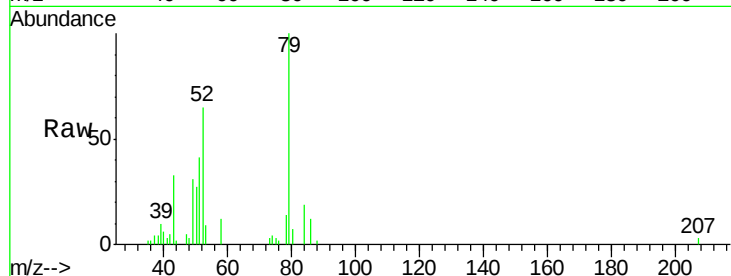
Tgt Ion: 79 Resp: 152956

Ion Ratio Lower Upper

79 100

52 64.6 57.7 86.5

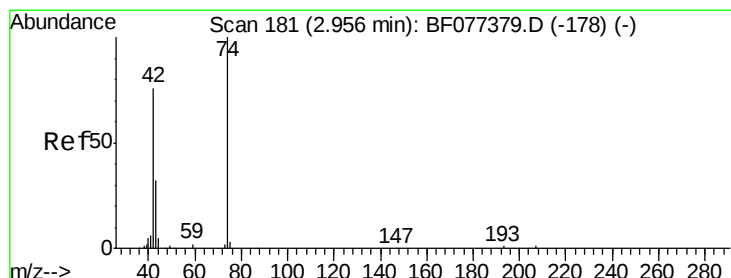
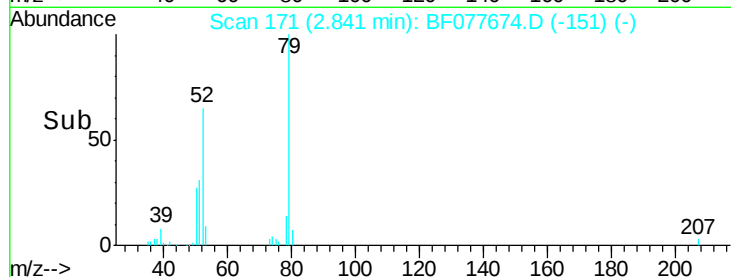
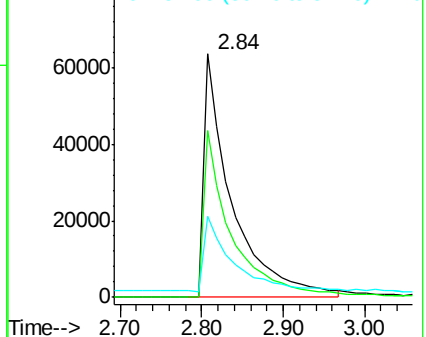
51 41.0 28.5 42.7



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 34.57 ng

RT: 2.75 min Scan# 163

Delta R.T. 0.04 min

Lab File: BF077674.D

Acq: 10 Mar 2015 21:29

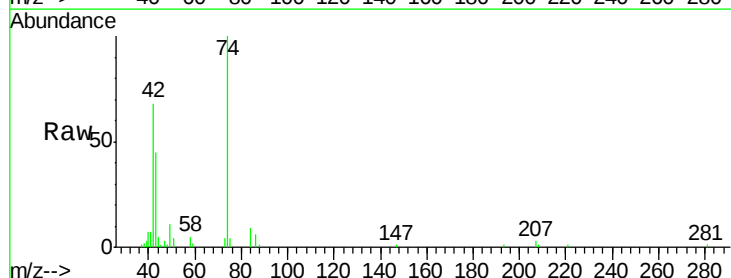
Tgt Ion: 42 Resp: 72664

Ion Ratio Lower Upper

42 100

74 147.4 107.1 160.7

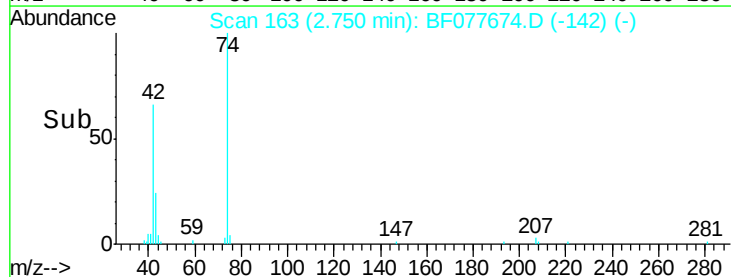
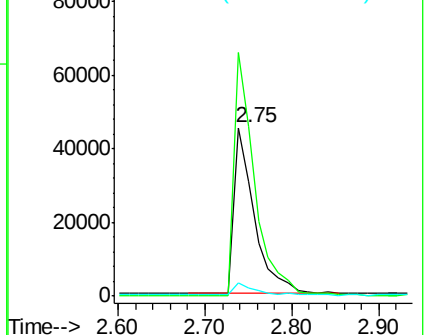
44 7.4 6.7 10.1

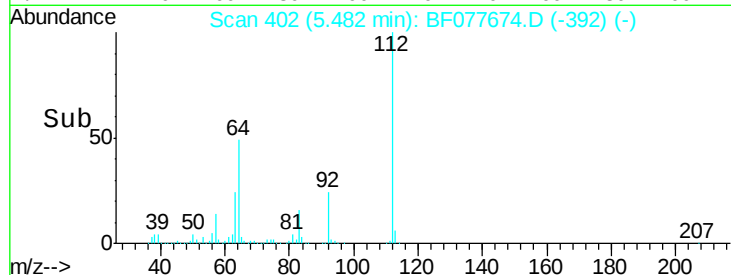
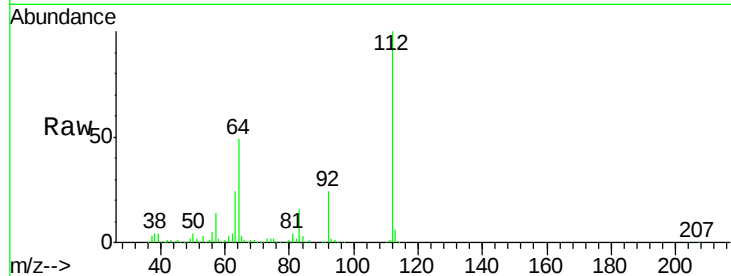
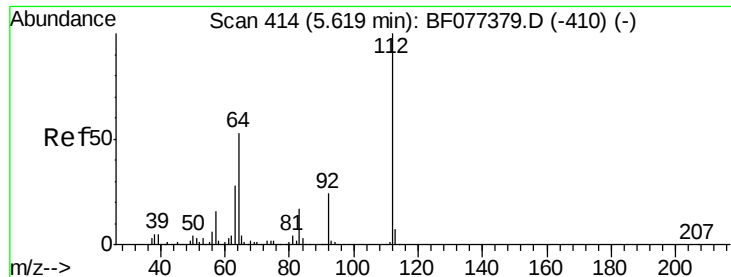


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 125.21 ng

RT: 5.48 min Scan# 402

Delta R.T. 0.01 min

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Instrument :

BNA_F

ClientSampleId :

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Tgt Ion: 112 Resp: 498565

Ion Ratio Lower Upper

112 100

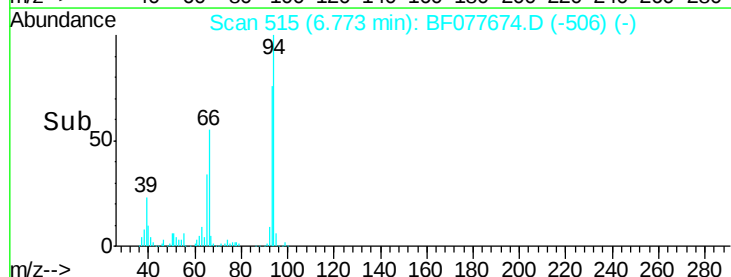
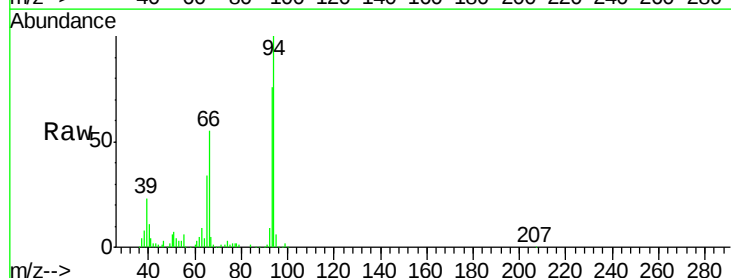
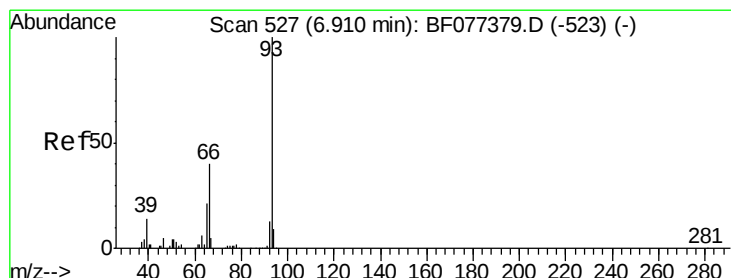
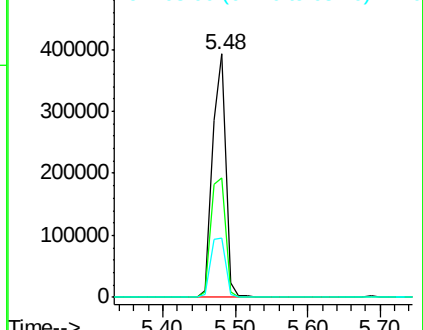
64 48.8 48.5 72.7

63 24.3 25.0 37.4#

Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 21.67 ng

RT: 6.77 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF077674.D

Acq: 10 Mar 2015 21:29

Tgt Ion: 93 Resp: 153306

Ion Ratio Lower Upper

93 100

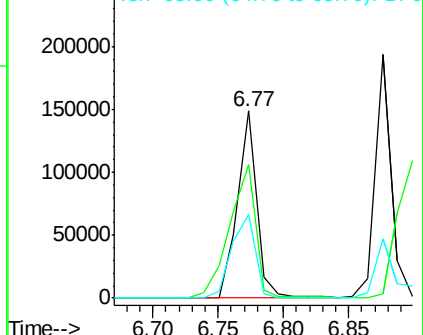
66 71.7 29.1 43.7#

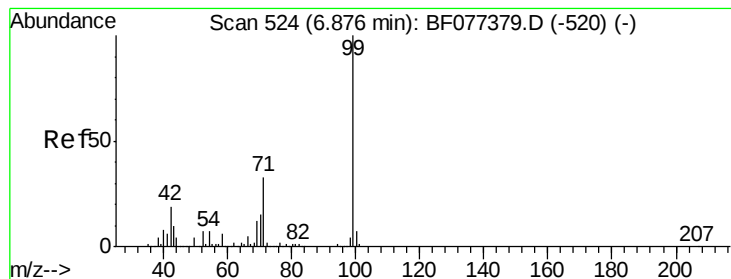
65 44.8 14.6 22.0#

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: 114.55 ng

RT: 6.75 min Scan# 513

Delta R.T. 0.00 min

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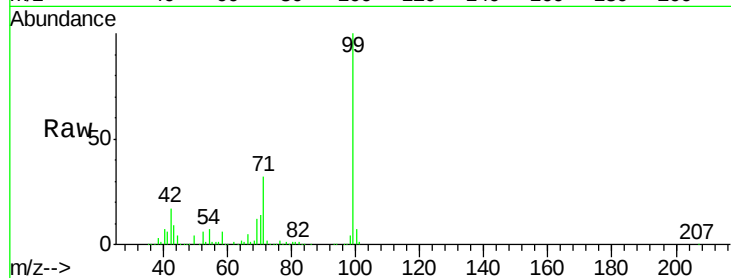
Tgt Ion: 99 Resp: 586437

Ion Ratio Lower Upper

99 100

42 17.4 16.2 24.4

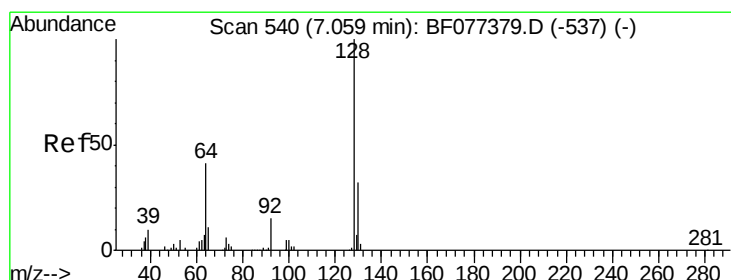
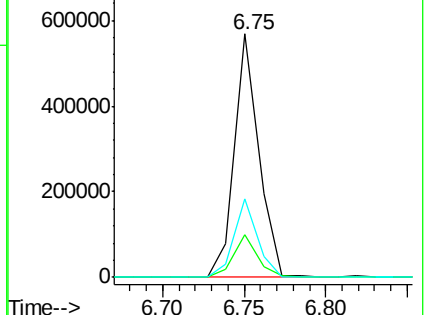
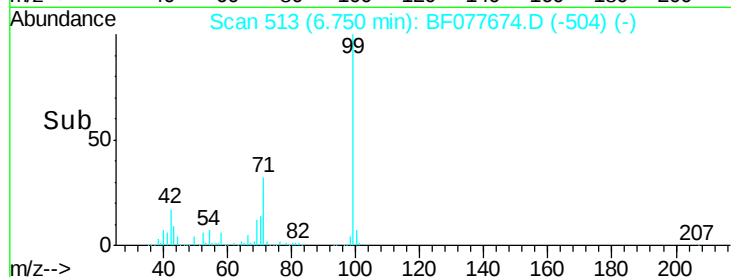
71 32.1 26.7 40.1



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: 38.40 ng

RT: 6.92 min Scan# 528

Delta R.T. 0.00 min

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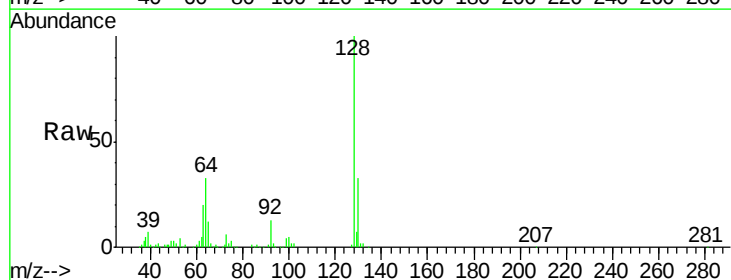
Tgt Ion: 128 Resp: 180370

Ion Ratio Lower Upper

128 100

130 32.6 12.0 52.0

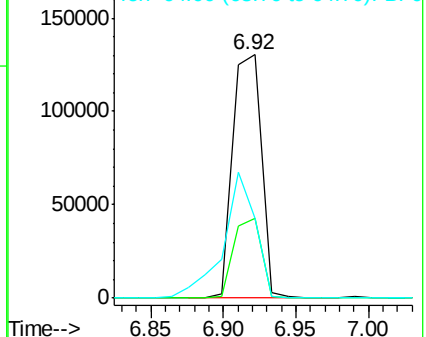
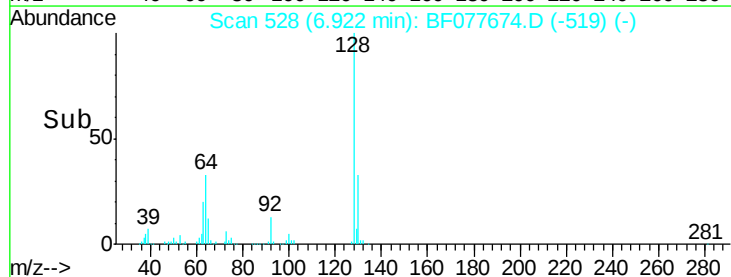
64 32.5 29.2 69.2

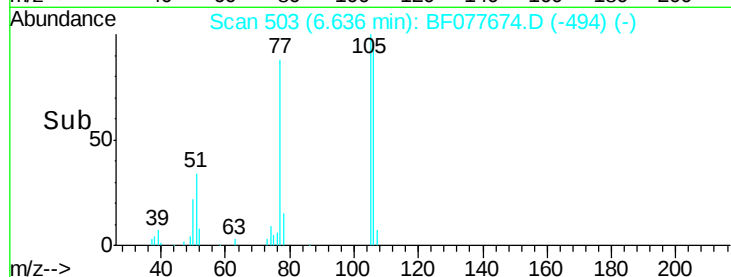
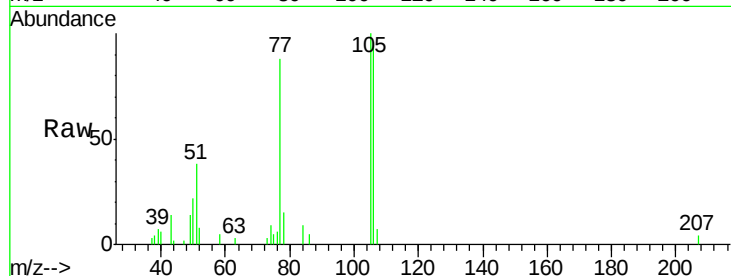
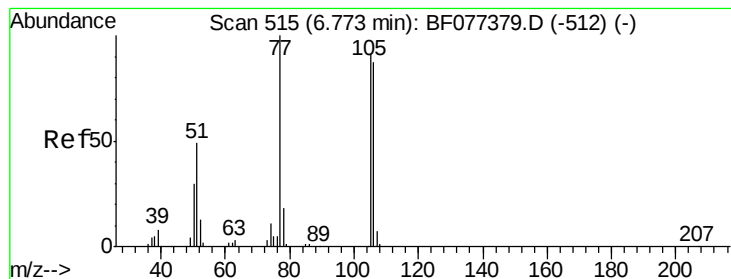


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 6.62 ng

RT: 6.63 min Scan# 503

Delta R.T. 0.00 min

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ClientSampleId :

PB82055BS

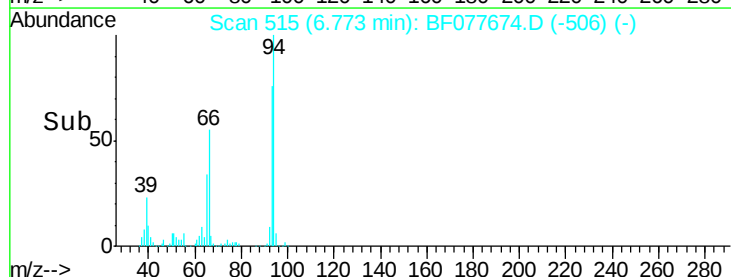
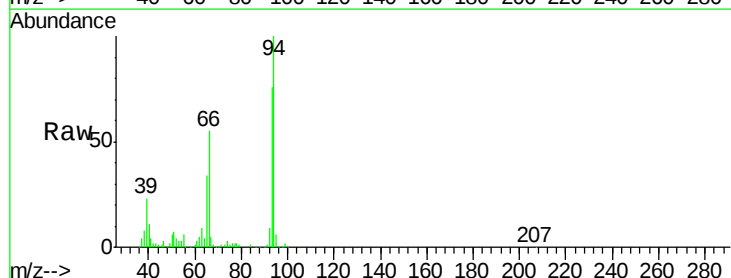
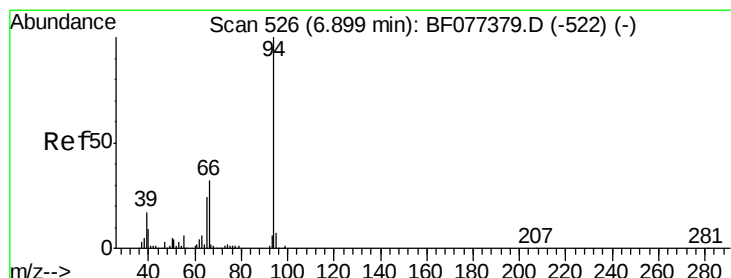
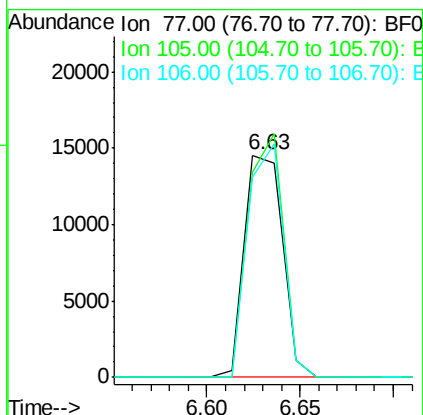
Tgt Ion: 77 Resp: 20579

Ion Ratio Lower Upper

77 100

105 113.9 85.9 125.9

106 109.5 82.9 122.9



#10

Phenol

Concen: 35.65 ng

RT: 6.77 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF077674.D

Acq: 10 Mar 2015 21:29

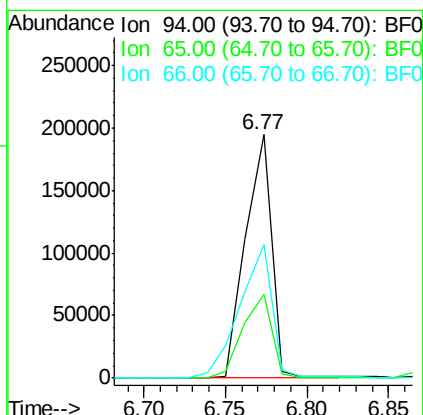
Tgt Ion: 94 Resp: 216576

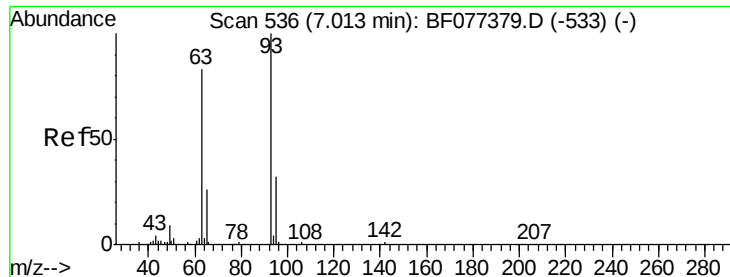
Ion Ratio Lower Upper

94 100

65 34.1 5.7 45.7

66 54.7 13.6 53.6#

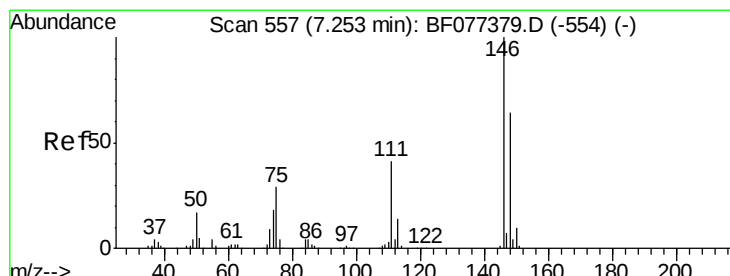
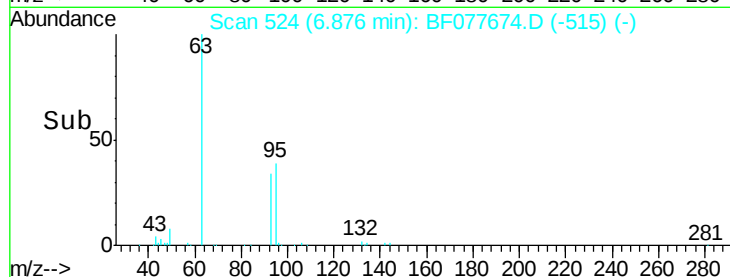
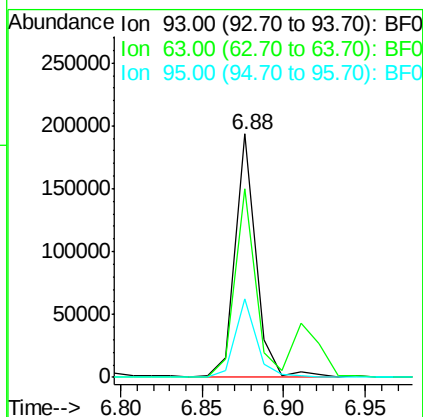
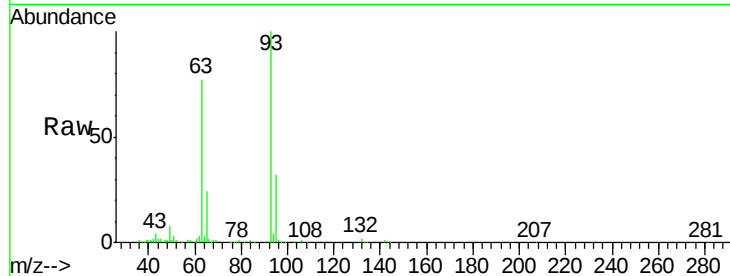




#11
bis(2-Chloroethyl)ether
Concen: 38.17 ng
RT: 6.88 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF077674.D
Acq: 10 Mar 2015 21:29

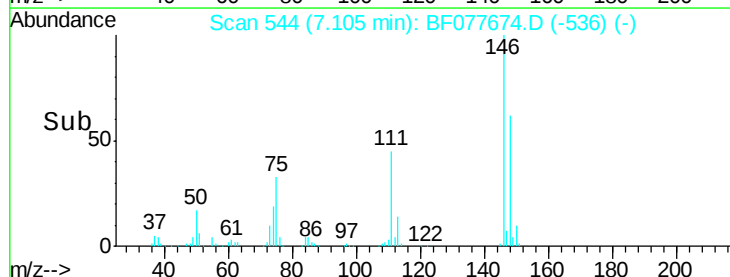
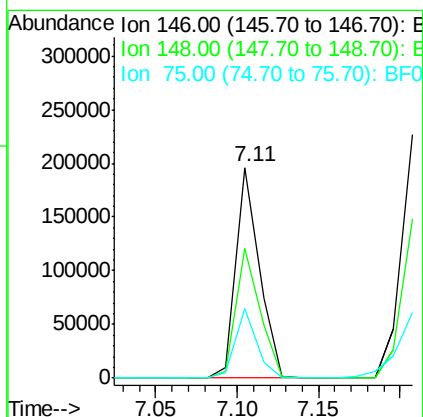
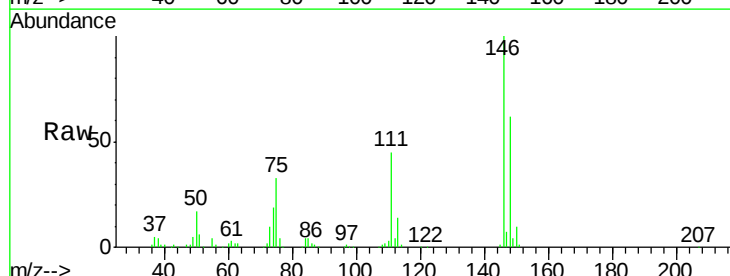
Instrument :
BNA_F
ClientSampleId :
PB82055BS

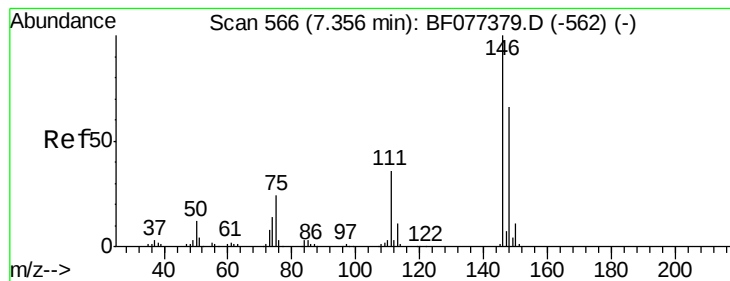
Tgt Ion: 93 Resp: 166611
Ion Ratio Lower Upper
93 100
63 77.3 48.7 88.7
95 32.5 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 37.92 ng
RT: 7.11 min Scan# 544
Delta R.T. -0.00 min
Lab File: BF077674.D
Acq: 10 Mar 2015 21:29

Tgt Ion: 146 Resp: 193942
Ion Ratio Lower Upper
146 100
148 61.8 49.8 74.8
75 32.8 28.2 42.4





#13

1,4-Dichlorobenzene

Concen: 38.18 ng

RT: 7.21 min Scan# 553

Delta R.T. -0.00 min

Lab File: BF077674.D

Acq: 10 Mar 2015 21:29

Instrument :

BNA_F

ClientSampleId :

PB82055BS

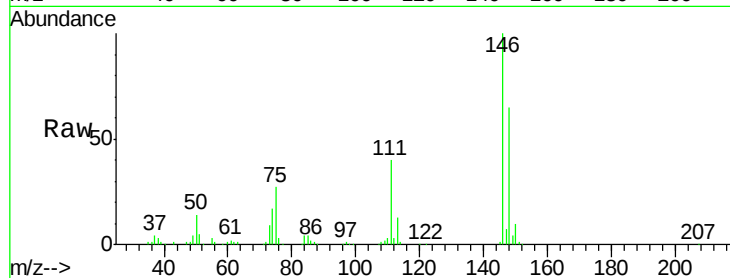
Tgt Ion:146 Resp: 198679

Ion Ratio Lower Upper

146 100

148 65.2 52.0 78.0

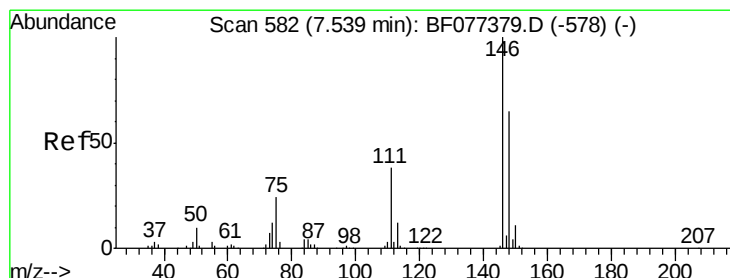
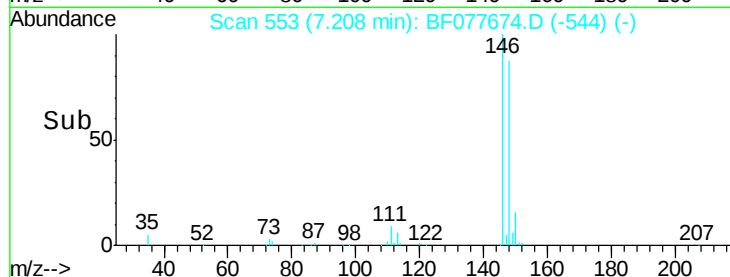
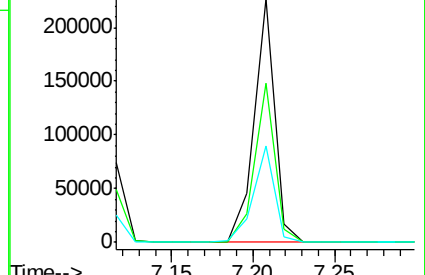
111 39.8 31.9 47.9



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: 38.46 ng

RT: 7.39 min Scan# 569

Delta R.T. -0.00 min

Lab File: BF077674.D

Acq: 10 Mar 2015 21:29

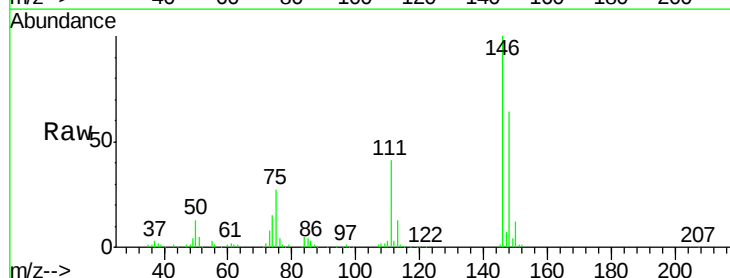
Tgt Ion:146 Resp: 190354

Ion Ratio Lower Upper

146 100

148 63.6 51.6 77.4

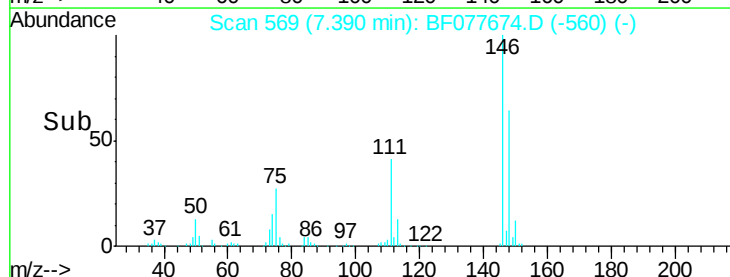
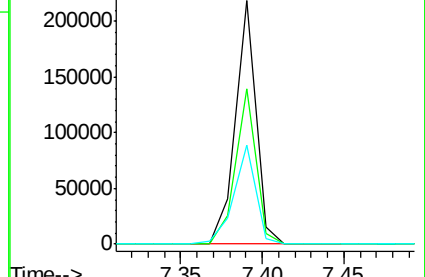
111 40.9 34.2 51.2

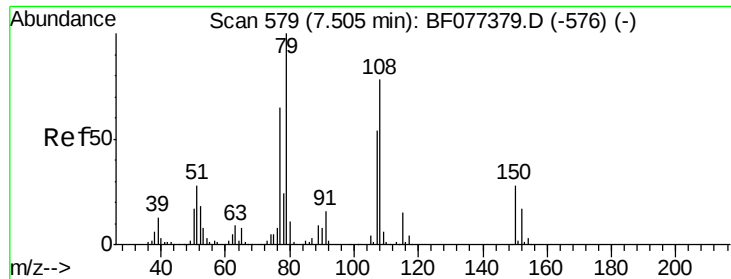


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 35.52 ng

RT: 7.37 min Scan# 567

Delta R.T. 0.00 min

Lab File: BF077674.D

Acq: 10 Mar 2015 21:29

Instrument :

BNA_F

ClientSampleId :

PB82055BS

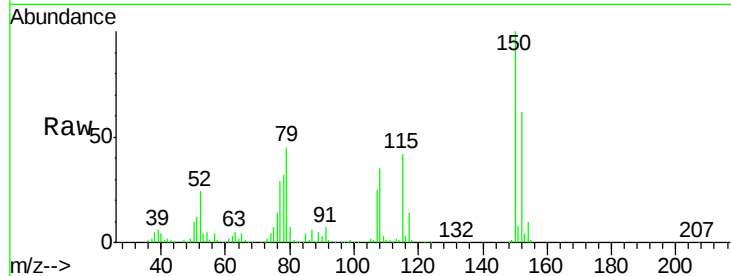
Tgt Ion: 79 Resp: 138237

Ion Ratio Lower Upper

79 100

108 77.3 58.3 87.5

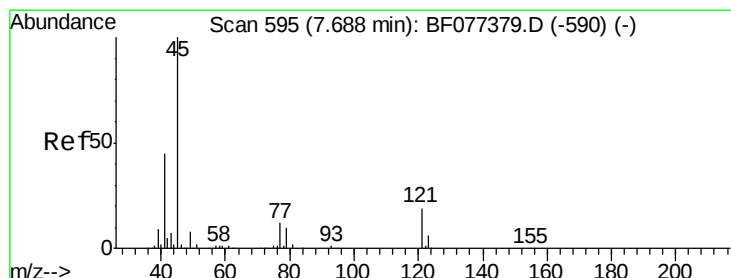
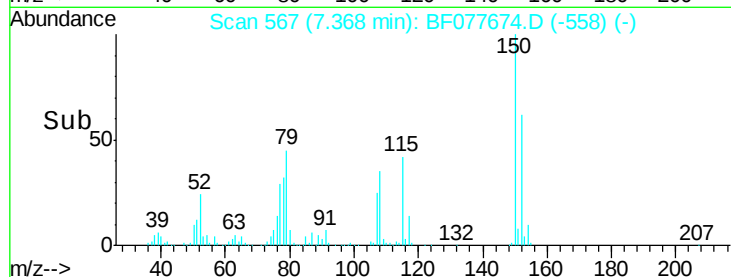
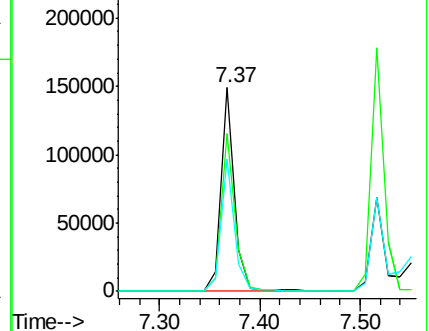
77 65.1 51.3 76.9



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.05 ng

RT: 7.55 min Scan# 583

Delta R.T. -0.00 min

Lab File: BF077674.D

Acq: 10 Mar 2015 21:29

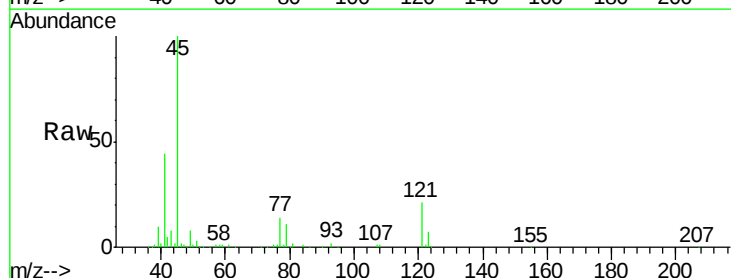
Tgt Ion: 45 Resp: 224917

Ion Ratio Lower Upper

45 100

77 14.2 0.0 34.6

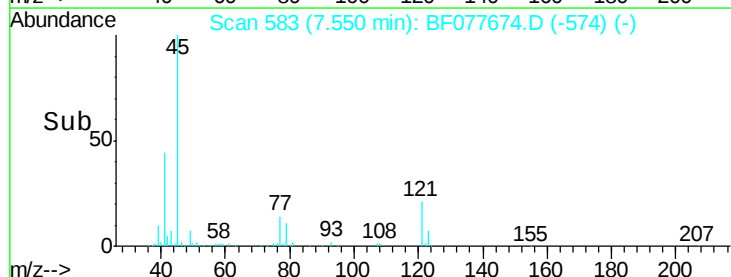
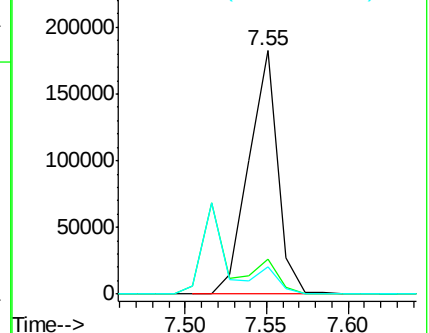
79 11.5 0.0 31.5

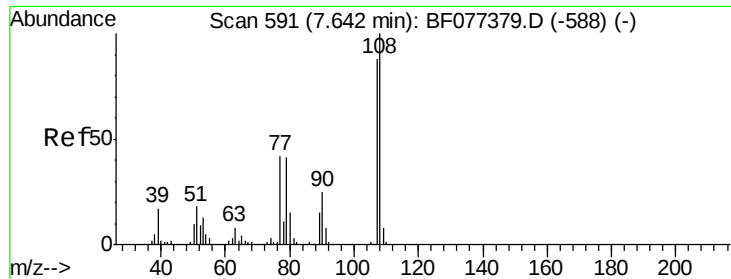


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

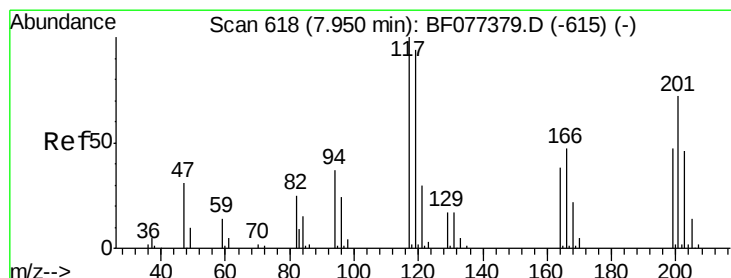
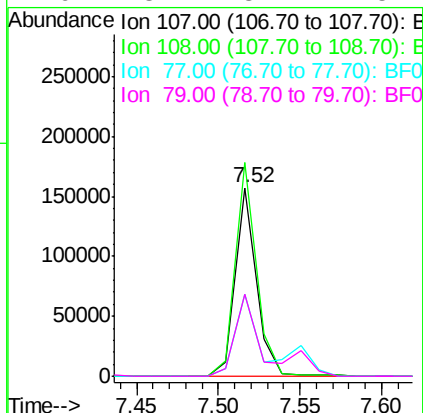
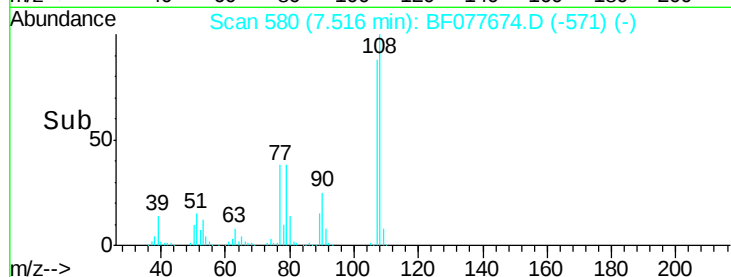
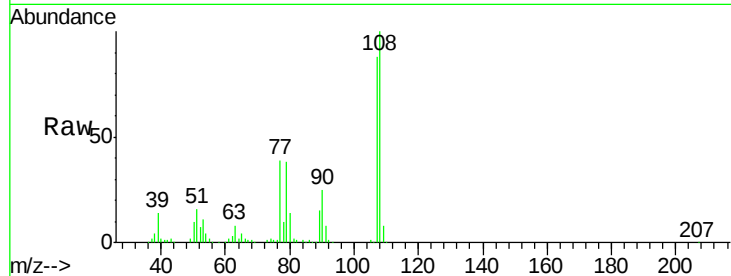




#17
2-Methylphenol
Concen: 38.11 ng
RT: 7.52 min Scan# 580
Delta R.T. 0.00 min
Lab File: BF077674.D
Acq: 10 Mar 2015 21:29

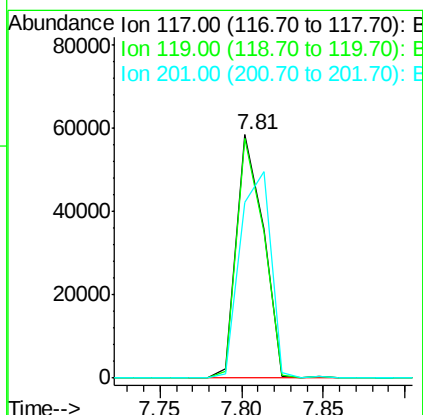
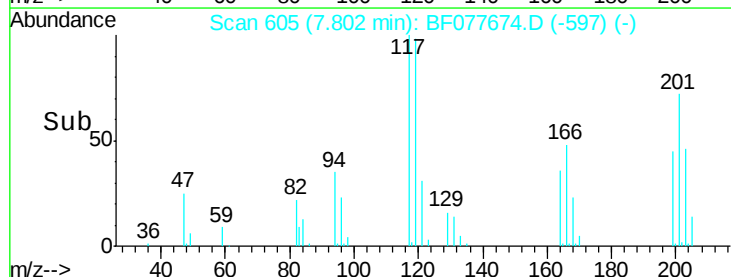
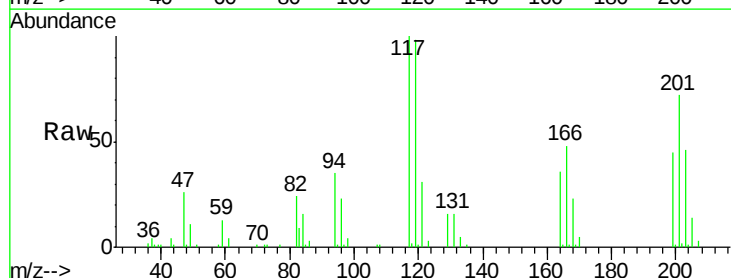
Instrument :
BNA_F
ClientSampleId :
PB82055BS

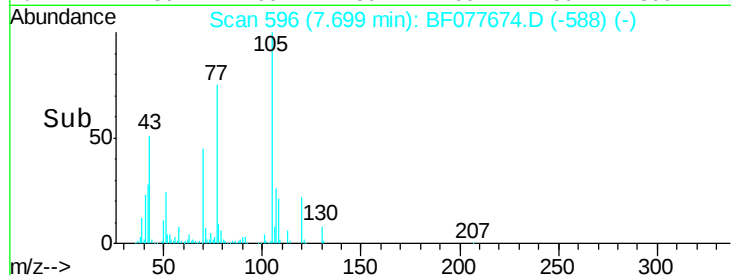
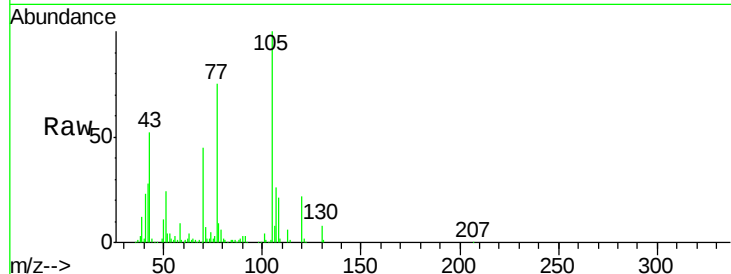
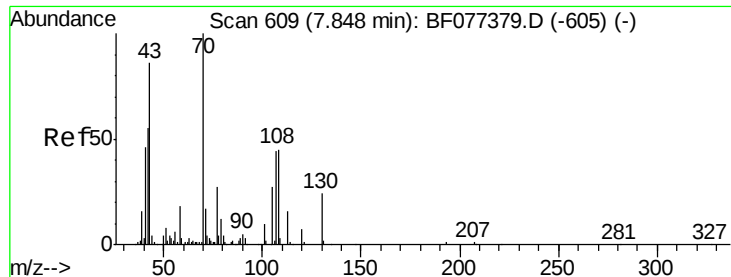
Tgt Ion	Ratio	Lower	Upper
107	100		
108	113.3	91.2	136.8
77	43.6	33.6	50.4
79	43.4	32.1	48.1



#18
Hexachloroethane
Concen: 38.30 ng
RT: 7.81 min Scan# 605
Delta R.T. -0.00 min
Lab File: BF077674.D
Acq: 10 Mar 2015 21:29

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.3	77.8	116.8
201	72.1	90.6	136.0#

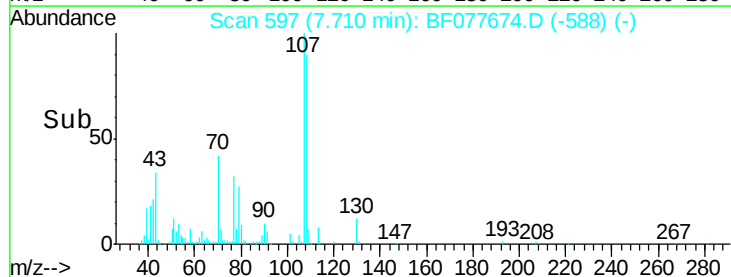
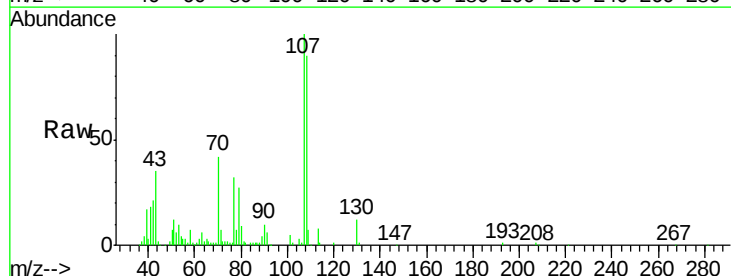
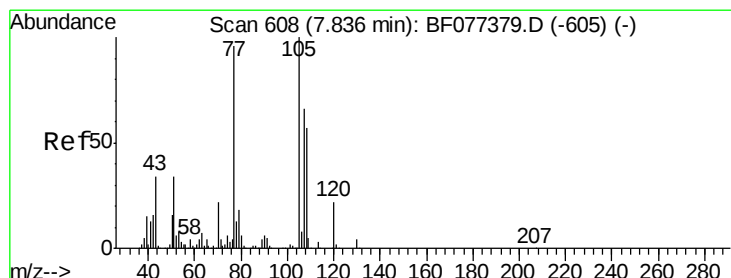
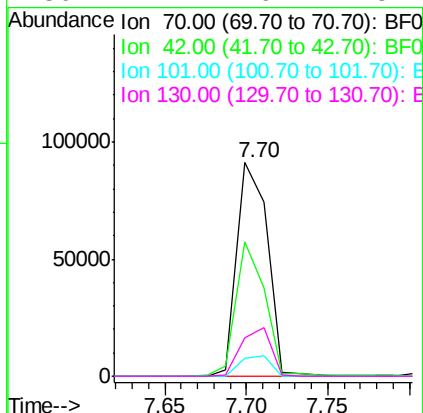




#19
n-Nitroso-di-n-propylamine
Concen: 36.12 ng
RT: 7.70 min Scan# 596
Delta R.T. -0.00 min
Lab File: BF077674.D
Acq: 10 Mar 2015 21:29

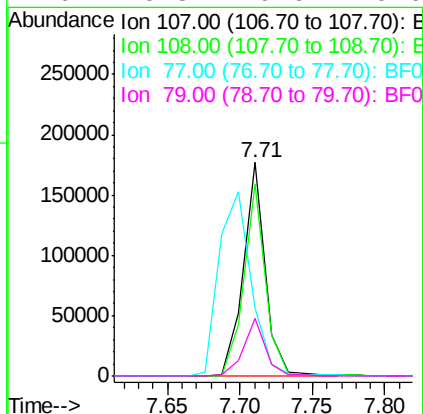
Instrument :
BNA_F
ClientSampleId :
PB82055BS

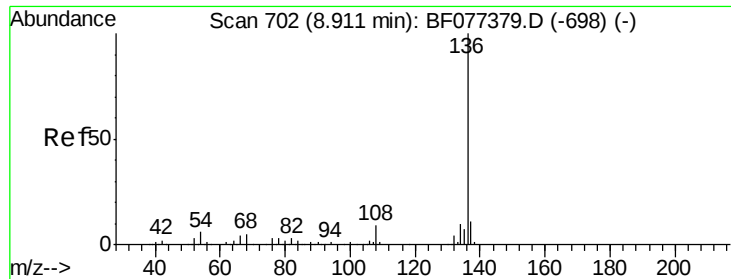
Tgt Ion:	70	Resp:	117442
Ion	Ratio	Lower	Upper
70	100		
42	62.9	48.3	72.5
101	8.5	7.5	11.3
130	17.7	16.7	25.1



#20
3+4-Methylphenols
Concen: 38.54 ng
RT: 7.71 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF077674.D
Acq: 10 Mar 2015 21:29

Tgt Ion:	107	Resp:	186370
Ion	Ratio	Lower	Upper
107	100		
108	90.1	76.8	116.8
77	31.7	65.8	105.8#
79	26.8	9.6	49.6

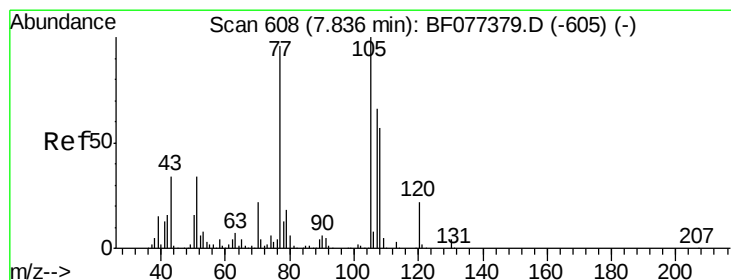
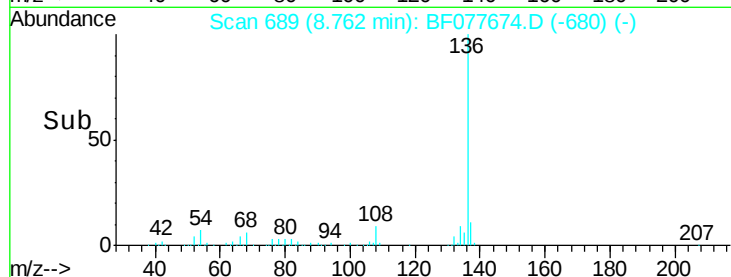
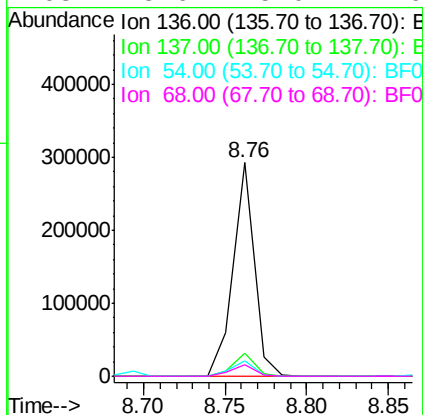
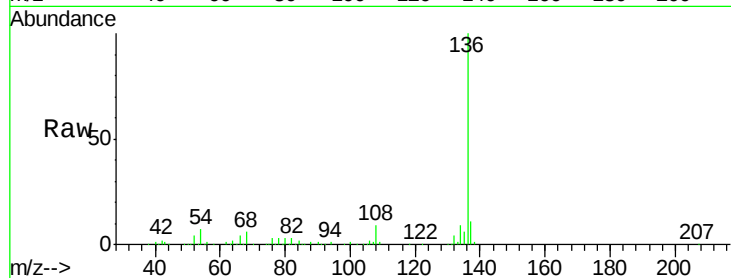




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.76 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF077674.D
Acq: 10 Mar 2015 21:29

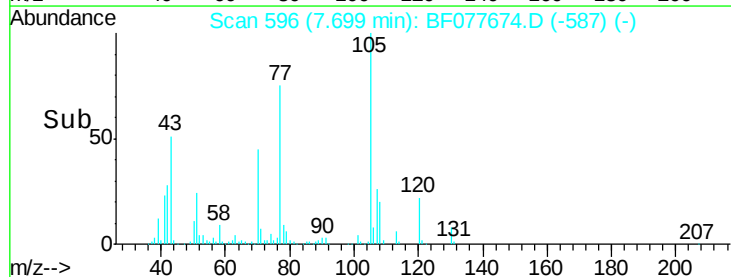
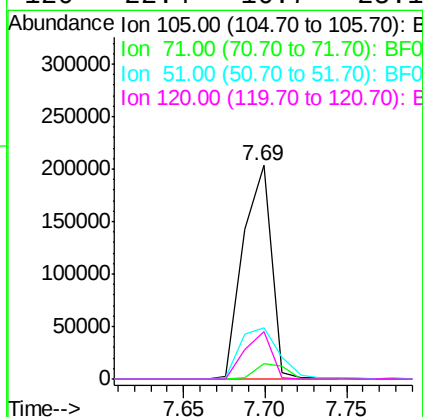
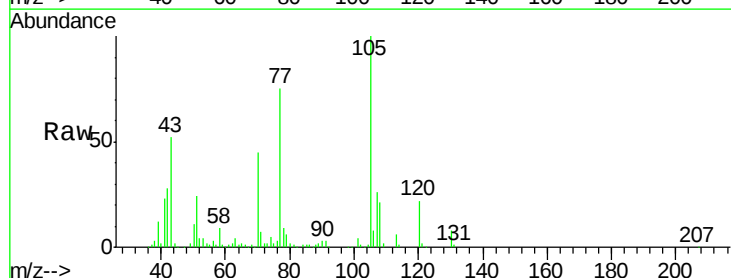
Instrument :
BNA_F
ClientSampleId :
PB82055BS

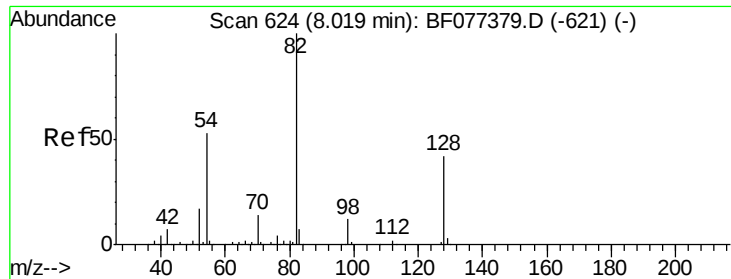
Tgt Ion:	136	Resp:	261554
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	7.1	6.2	9.4
68	5.6	5.0	7.6



#22
Acetophenone
Concen: 40.06 ng
RT: 7.69 min Scan# 596
Delta R.T. -0.00 min
Lab File: BF077674.D
Acq: 10 Mar 2015 21:29

Tgt Ion:	105	Resp:	246491
Ion	Ratio	Lower	Upper
105	100		
71	7.4	1.7	2.5#
51	24.2	30.7	46.1#
120	22.4	16.7	25.1

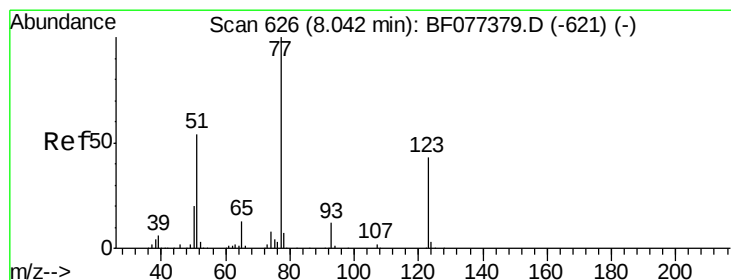
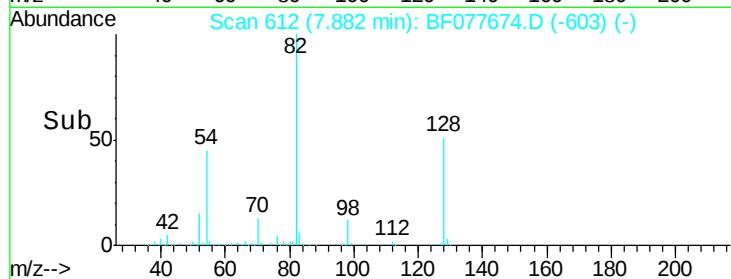
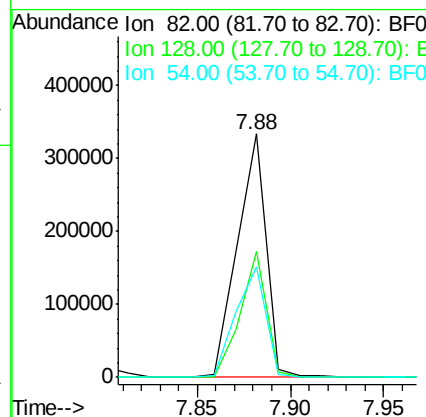
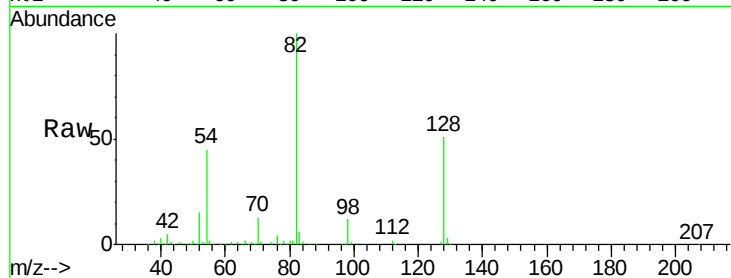




#23
 Nitrobenzene-d5
 Concen: 85.70 ng
 RT: 7.88 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: BF077674.D
 Acq: 10 Mar 2015 21:29

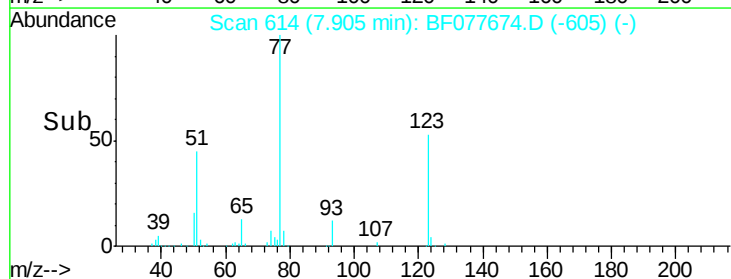
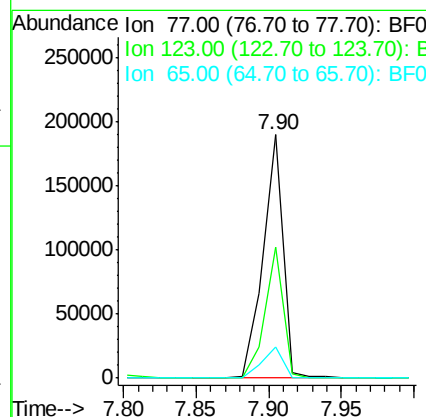
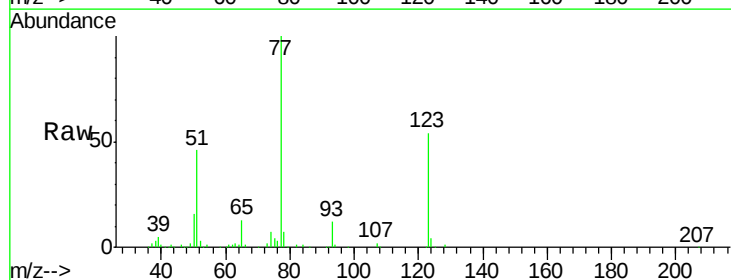
Instrument :
 BNA_F
 ClientSampleId :
 PB82055BS

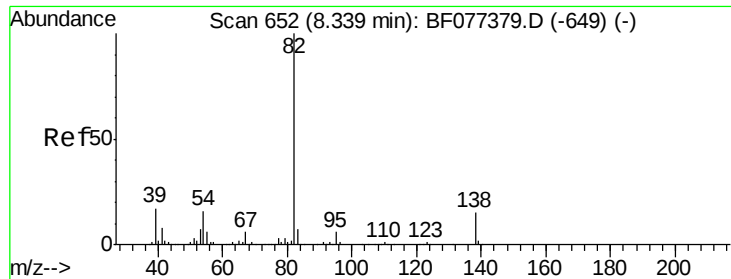
Tgt Ion: 82 Resp: 360439
 Ion Ratio Lower Upper
 82 100
 128 51.5 43.8 65.8
 54 45.4 36.7 55.1



#24
 Nitrobenzene
 Concen: 41.30 ng
 RT: 7.90 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF077674.D
 Acq: 10 Mar 2015 21:29

Tgt Ion: 77 Resp: 182760
 Ion Ratio Lower Upper
 77 100
 123 53.7 45.9 68.9
 65 12.6 9.5 14.3





#25

Isophorone

Concen: 37.86 ng

RT: 8.20 min Scan# 640

Delta R.T. -0.00 min

Lab File: BF077674.D

Acq: 10 Mar 2015 21:29

Instrument :

BNA_F

ClientSampleId :

PB82055BS

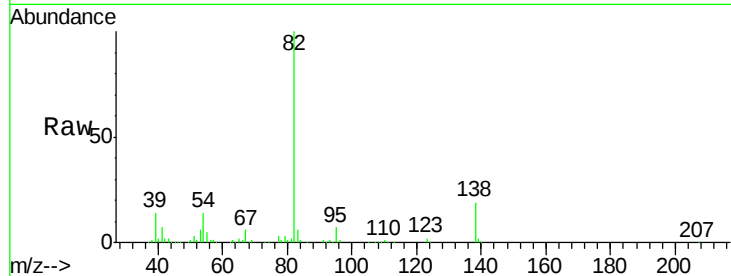
Tgt Ion: 82 Resp: 315908

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.2

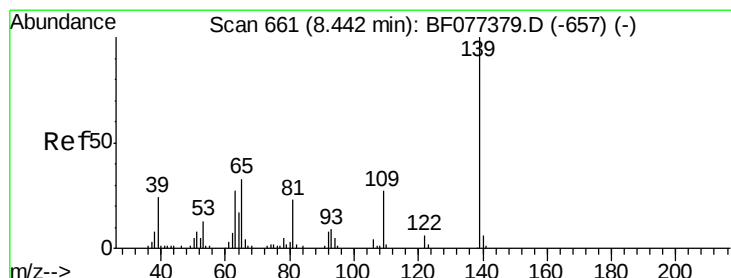
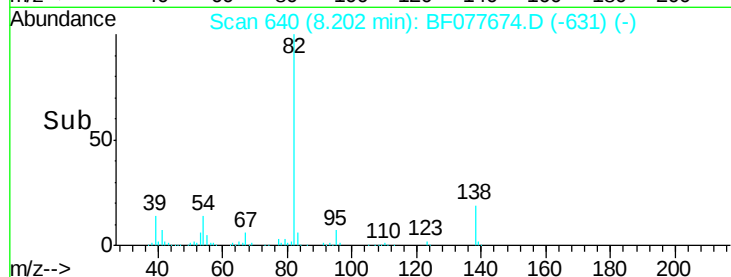
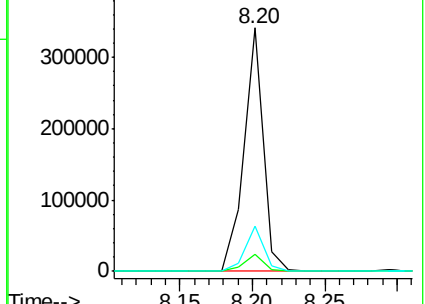
138 18.7 16.3 24.5



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: 47.71 ng

RT: 8.29 min Scan# 648

Delta R.T. -0.00 min

Lab File: BF077674.D

Acq: 10 Mar 2015 21:29

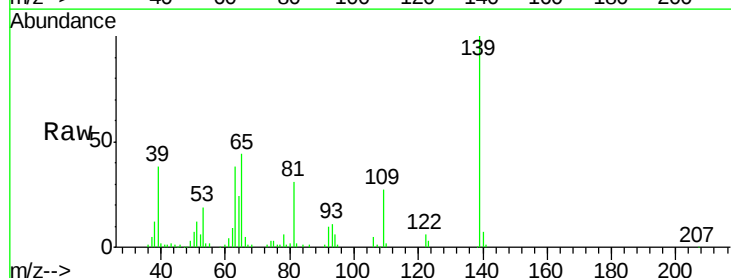
Tgt Ion: 139 Resp: 86525

Ion Ratio Lower Upper

139 100

109 26.6 22.6 34.0

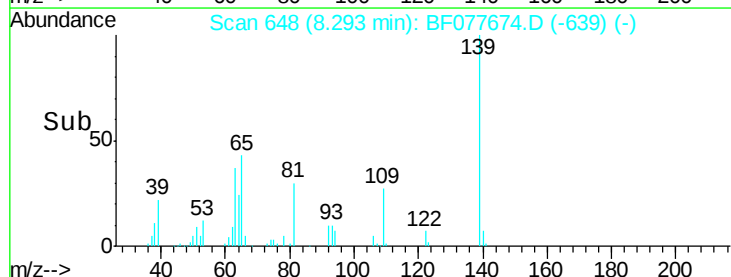
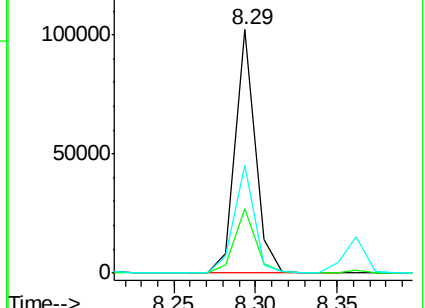
65 44.4 36.4 54.6

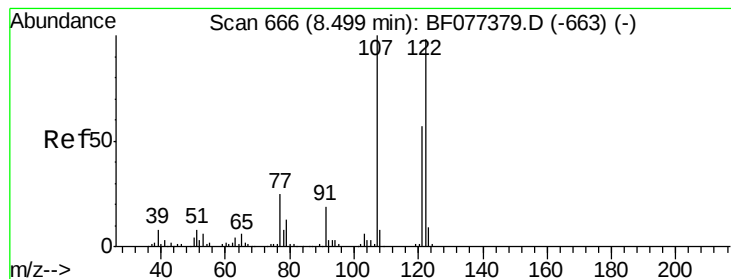


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 40.00 ng

RT: 8.36 min Scan# 654

Delta R.T. -0.00 min

Lab File: BF077674.D

Acq: 10 Mar 2015 21:29

Instrument :

BNA_F

ClientSampled :

PB82055BS

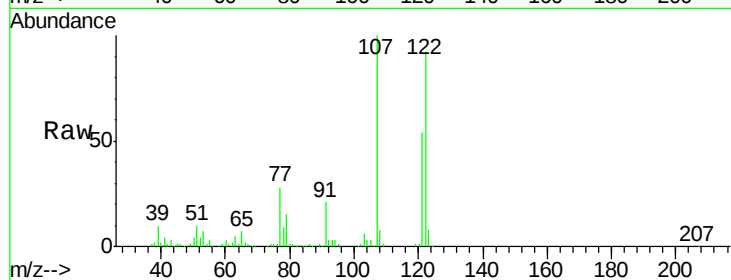
Tgt Ion:122 Resp: 162337

Ion Ratio Lower Upper

122 100

107 108.2 86.6 130.0

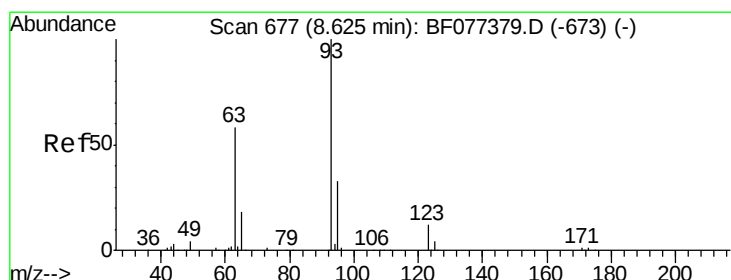
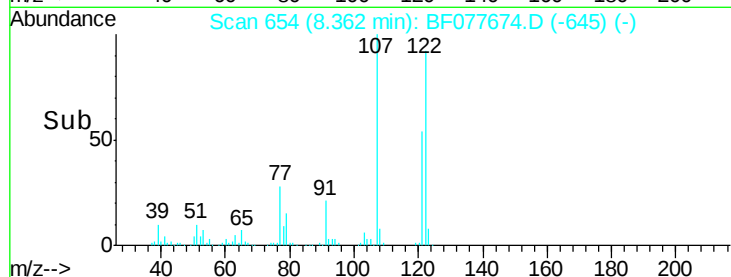
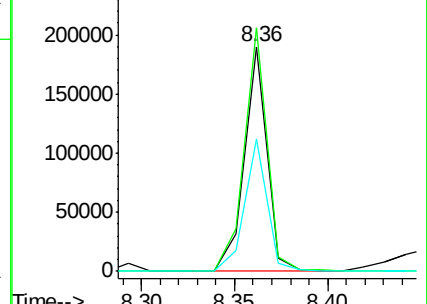
121 58.6 47.4 71.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 37.05 ng

RT: 8.48 min Scan# 665

Delta R.T. -0.00 min

Lab File: BF077674.D

Acq: 10 Mar 2015 21:29

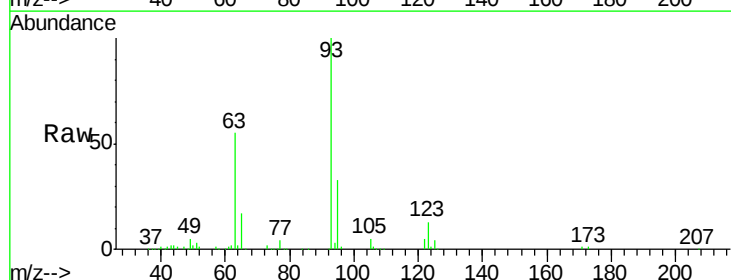
Tgt Ion: 93 Resp: 195337

Ion Ratio Lower Upper

93 100

95 32.8 26.4 39.6

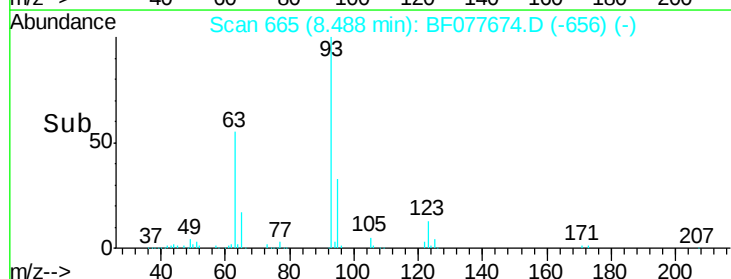
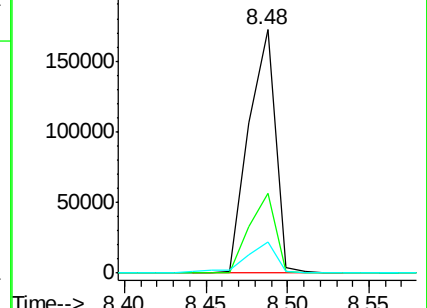
123 12.7 8.7 13.1

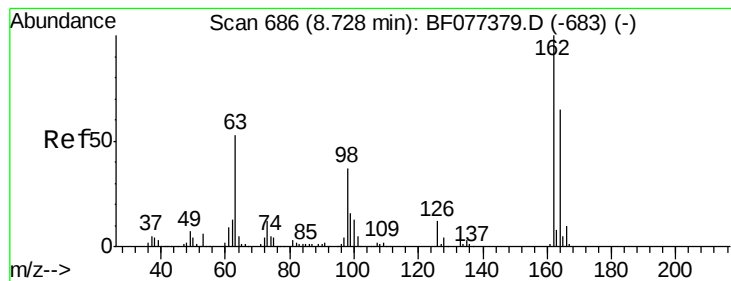


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 39.39 ng

RT: 8.59 min Scan# 674

Delta R.T. -0.00 min

Lab File: BF077674.D

Acq: 10 Mar 2015 21:29

Instrument :

BNA_F

ClientSampleId :

PB82055BS

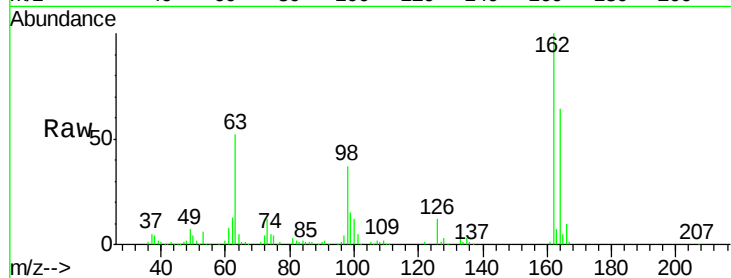
Tgt Ion:162 Resp: 150048

Ion Ratio Lower Upper

162 100

164 63.7 46.4 86.4

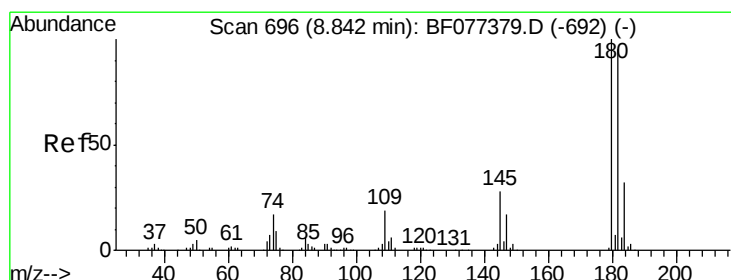
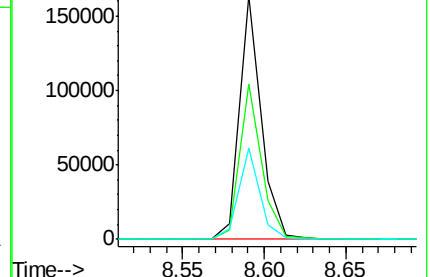
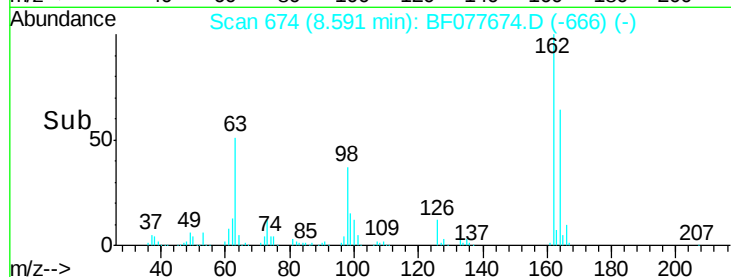
98 37.5 6.9 46.9



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 37.75 ng

RT: 8.69 min Scan# 683

Delta R.T. -0.00 min

Lab File: BF077674.D

Acq: 10 Mar 2015 21:29

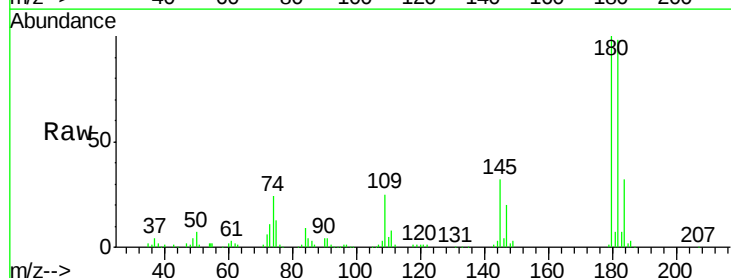
Tgt Ion:180 Resp: 158076

Ion Ratio Lower Upper

180 100

182 97.6 76.2 114.4

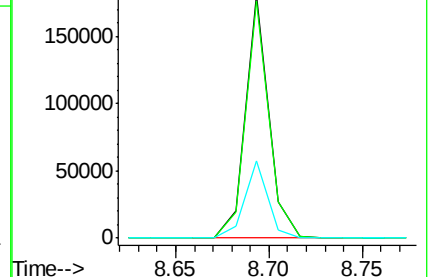
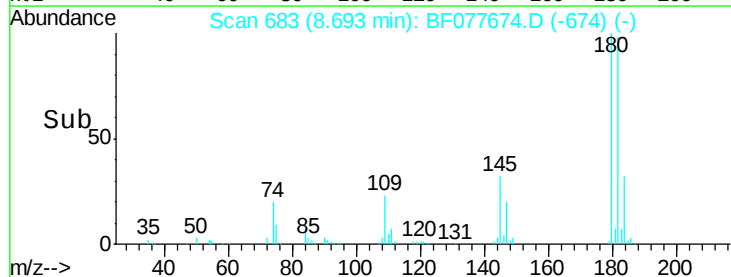
145 31.6 24.5 36.7

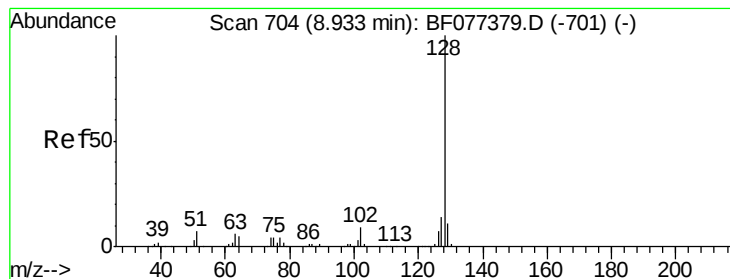


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.95 ng

RT: 8.79 min Scan# 691

Delta R.T. -0.00 min

Lab File: BF077674.D

Acq: 10 Mar 2015 21:29

Instrument :

BNA_F

ClientSampleId :

PB82055BS

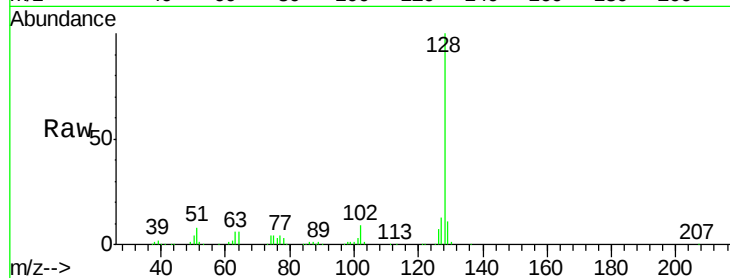
Tgt Ion:128 Resp: 509429

Ion Ratio Lower Upper

128 100

129 11.4 9.4 14.0

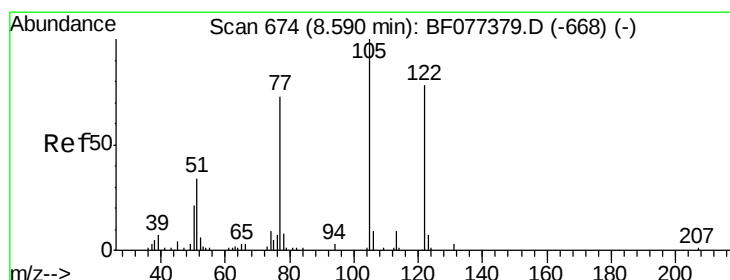
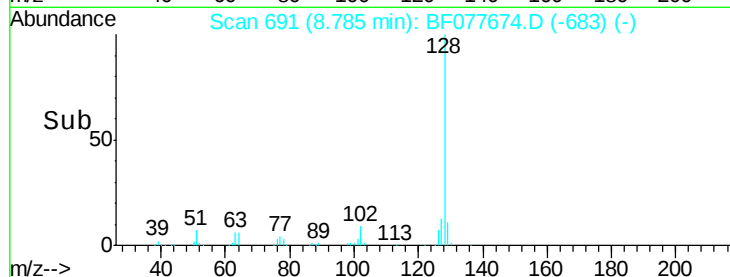
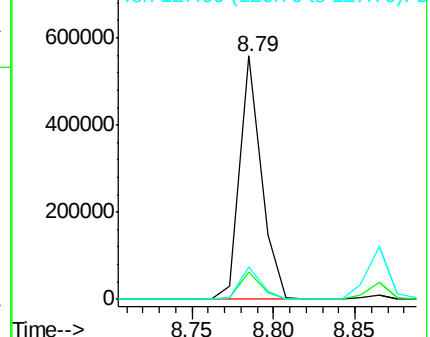
127 13.2 10.6 15.8



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: 39.54 ng

RT: 8.46 min Scan# 663

Delta R.T. 0.00 min

Lab File: BF077674.D

Acq: 10 Mar 2015 21:29

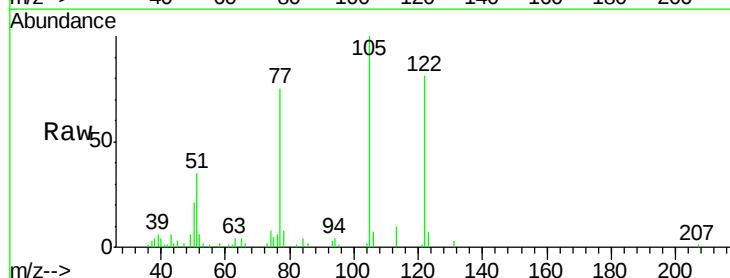
Tgt Ion:122 Resp: 77977

Ion Ratio Lower Upper

122 100

105 123.2 100.3 140.3

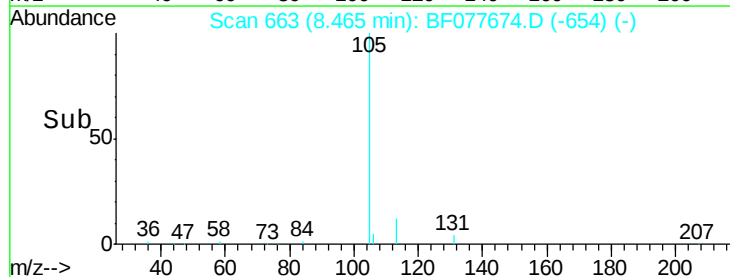
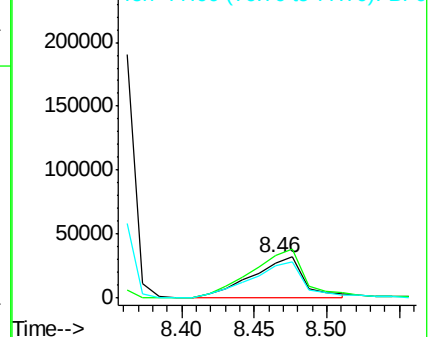
77 93.0 68.7 108.7

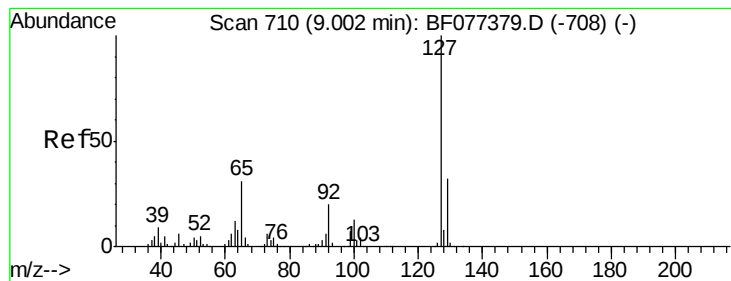


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 20.10 ng

RT: 8.86 min Scan# 698

Delta R.T. -0.00 min

Lab File: BF077674.D

Acq: 10 Mar 2015 21:29

Instrument :

BNA_F

ClientSampleId :

PB82055BS

Tgt Ion:127 Resp: 116890

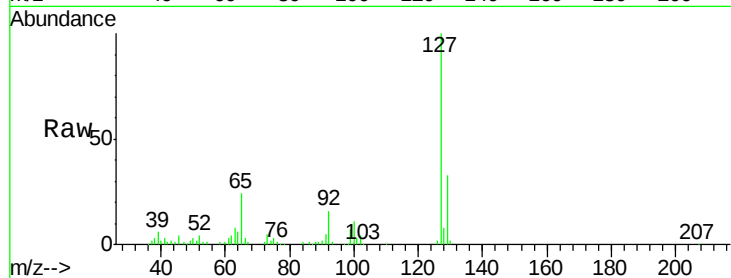
Ion Ratio Lower Upper

127 100

129 32.6 26.9 40.3

65 24.1 16.7 25.1

92 16.2 12.5 18.7

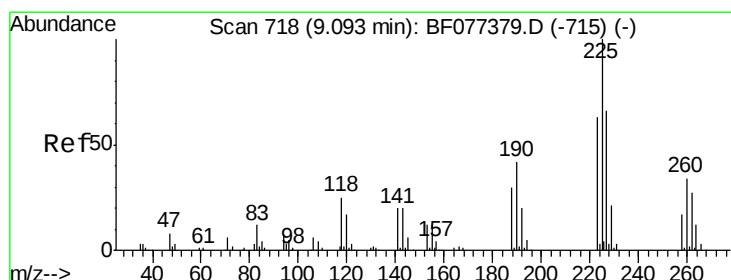
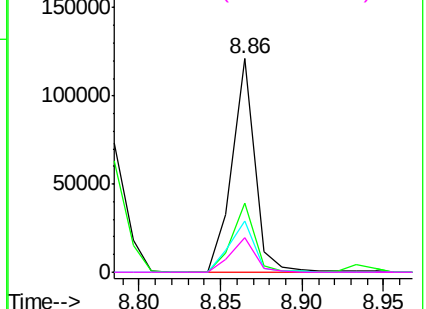
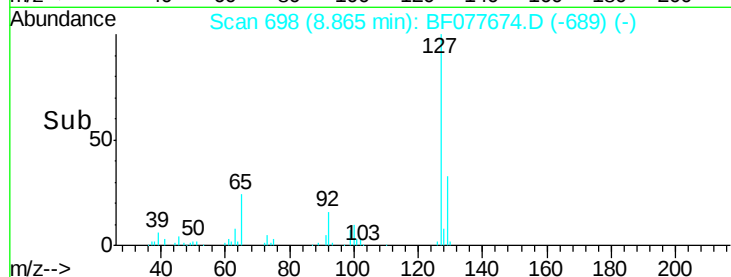


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 37.43 ng

RT: 8.94 min Scan# 705

Delta R.T. -0.00 min

Lab File: BF077674.D

Acq: 10 Mar 2015 21:29

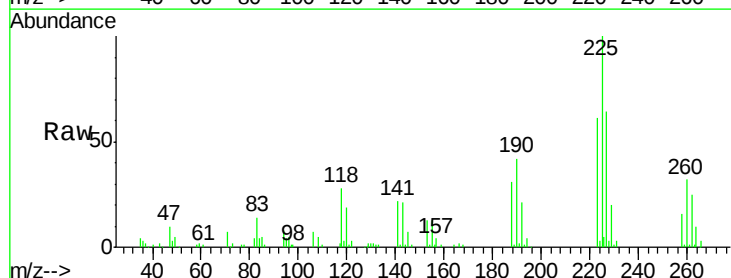
Tgt Ion:225 Resp: 89489

Ion Ratio Lower Upper

225 100

223 60.9 49.5 74.3

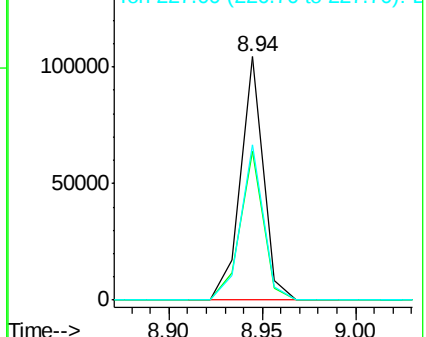
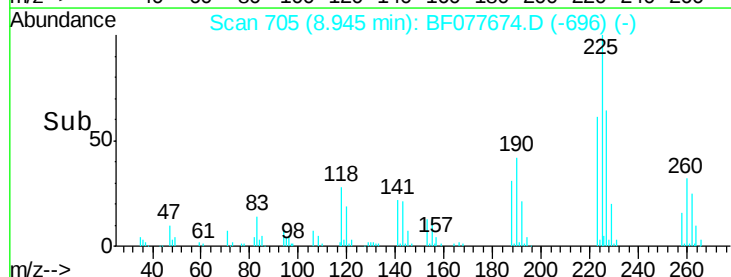
227 63.9 50.5 75.7

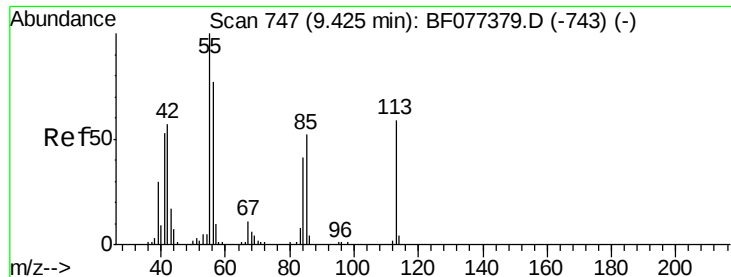


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 39.04 ng

RT: 9.29 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF077674.D

Acq: 10 Mar 2015 21:29

Instrument :

BNA_F

ClientSampleId :

PB82055BS

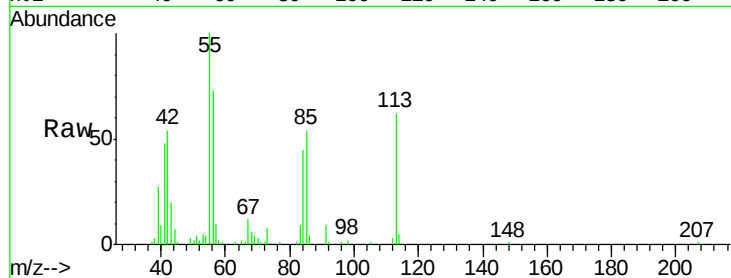
Tgt Ion:113 Resp: 45396

Ion Ratio Lower Upper

113 100

55 161.7 154.6 194.6

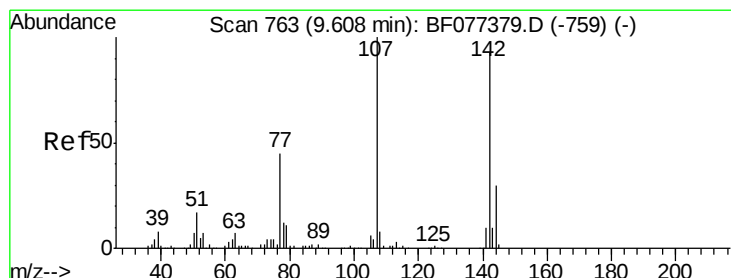
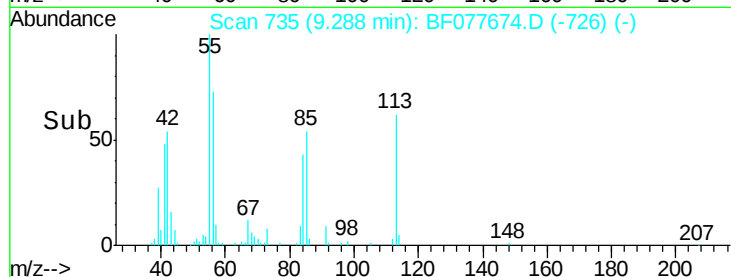
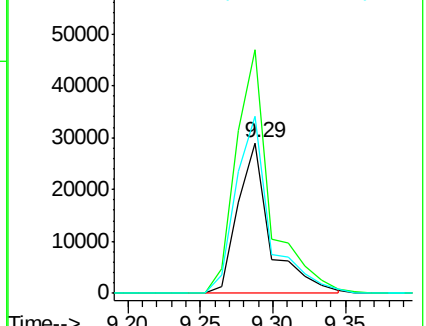
56 117.6 114.0 154.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 39.32 ng

RT: 9.47 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF077674.D

Acq: 10 Mar 2015 21:29

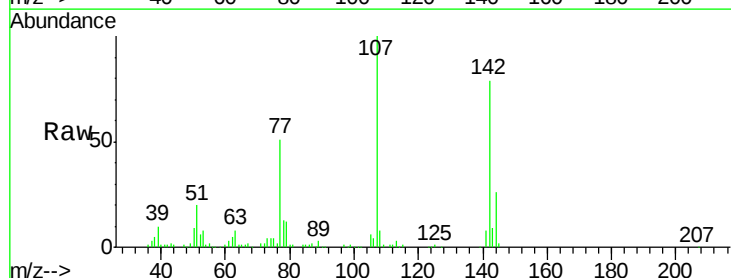
Tgt Ion:107 Resp: 150567

Ion Ratio Lower Upper

107 100

144 25.9 21.1 31.7

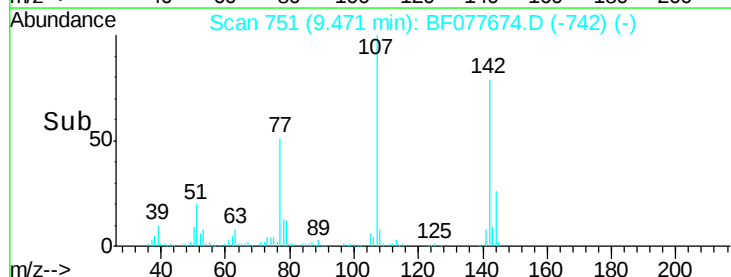
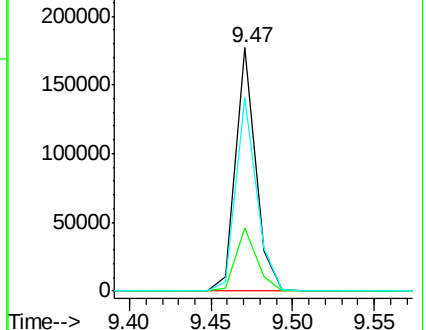
142 79.3 65.3 97.9

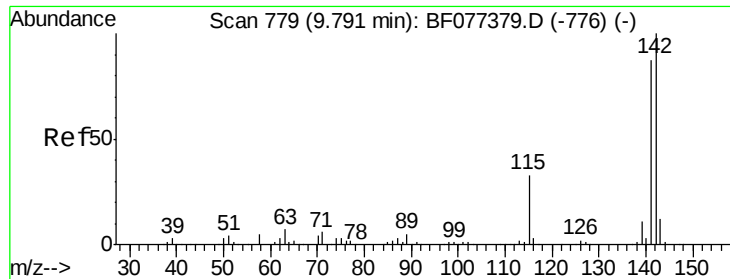


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

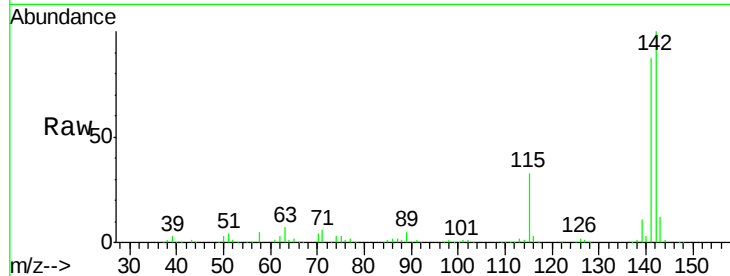




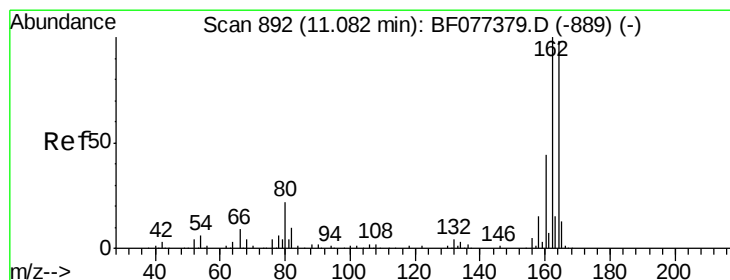
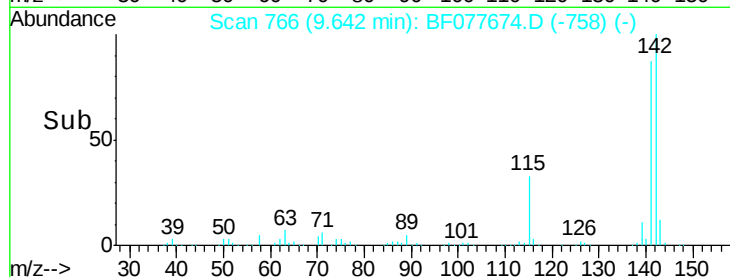
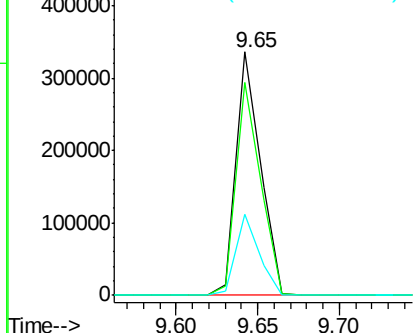
#37
 2-Methylnaphthalene
 Concen: 37.21 ng
 RT: 9.65 min Scan# 766
 Delta R.T. -0.00 min
 Lab File: BF077674.D
 Acq: 10 Mar 2015 21:29

Instrument :
 BNA_F
 ClientSampleId :
 PB82055BS

Tgt Ion:142 Resp: 345595
 Ion Ratio Lower Upper
 142 100
 141 87.5 70.7 106.1
 115 33.5 24.2 36.4

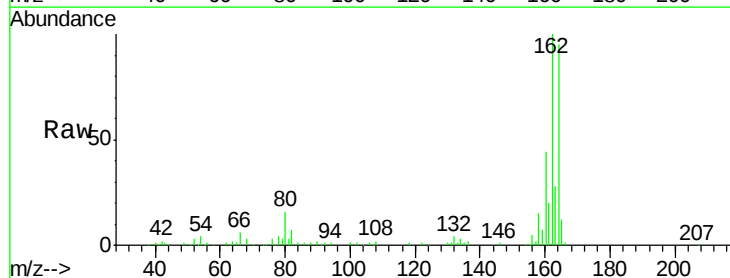


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

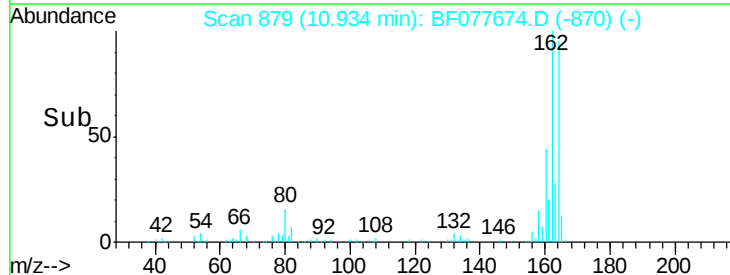
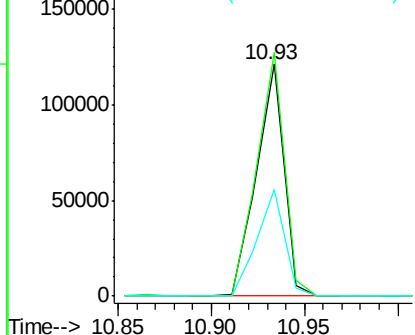


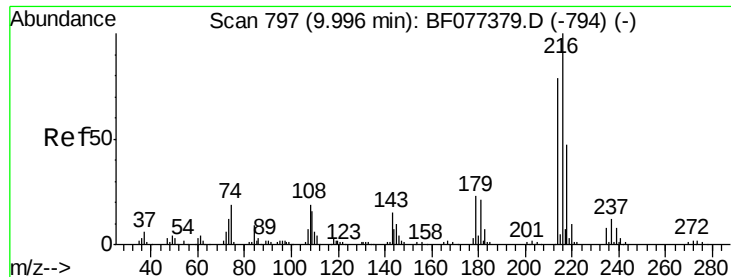
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.93 min Scan# 879
 Delta R.T. -0.00 min
 Lab File: BF077674.D
 Acq: 10 Mar 2015 21:29

Tgt Ion:164 Resp: 122823
 Ion Ratio Lower Upper
 164 100
 162 105.2 83.2 124.8
 160 46.0 34.6 52.0



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.57 ng

RT: 9.85 min Scan# 784

Delta R.T. -0.00 min

Lab File: BF077674.D

Acq: 10 Mar 2015 21:29

Instrument :

BNA_F

ClientSampleId :

PB82055BS

Tgt Ion:216 Resp: 150019

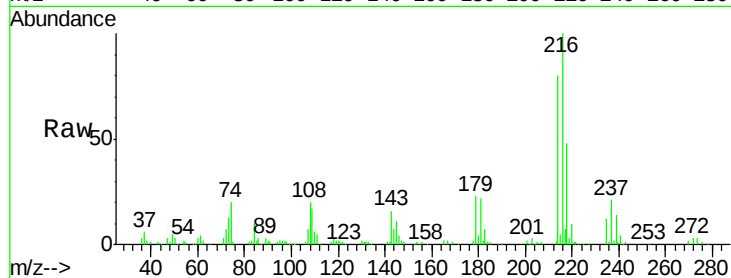
Ion Ratio Lower Upper

216 100

214 78.6 63.4 95.0

179 21.4 16.6 25.0

108 21.0 14.2 21.4

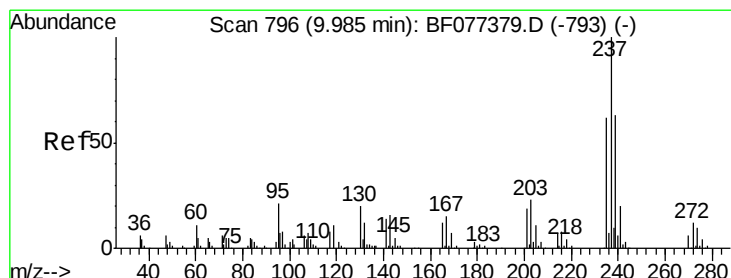
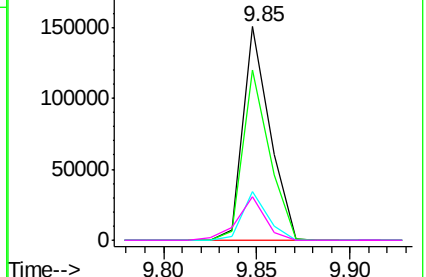
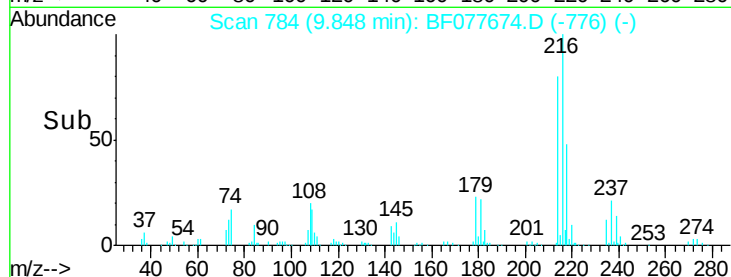


Abundance Ion 216.00 (215.70 to 216.70): E

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: 77.97 ng

RT: 9.84 min Scan# 783

Delta R.T. -0.00 min

Lab File: BF077674.D

Acq: 10 Mar 2015 21:29

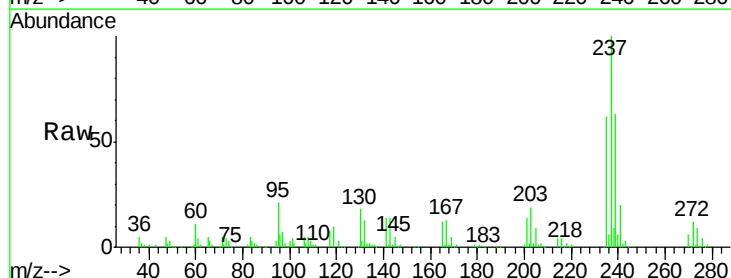
Tgt Ion:237 Resp: 147342

Ion Ratio Lower Upper

237 100

235 62.4 41.0 81.0

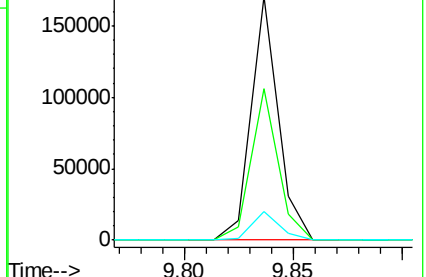
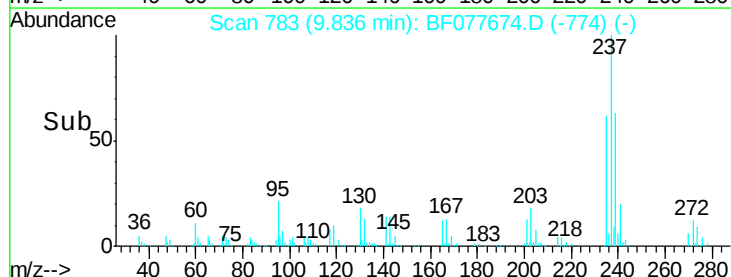
272 12.0 0.0 34.3

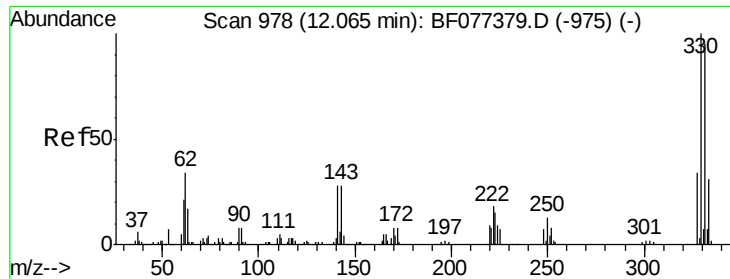


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

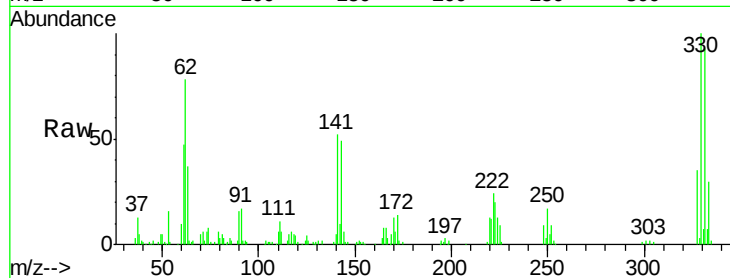




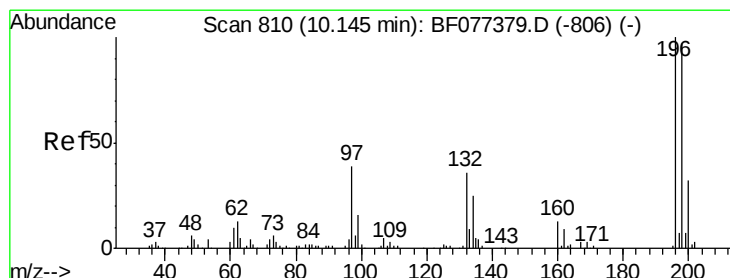
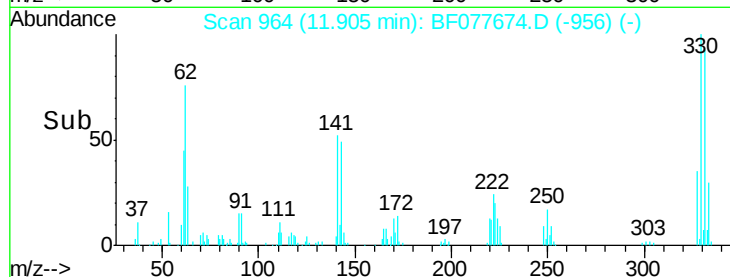
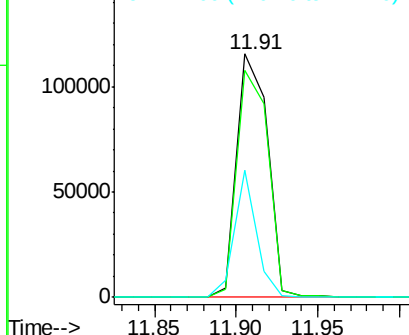
#41
 2,4,6-Tribromophenol
 Concen: 127.59 ng
 RT: 11.91 min Scan# 964
 Delta R.T. -0.00 min
 Lab File: BF077674.D
 Acq: 10 Mar 2015 21:29

Instrument :
 BNA_F
 ClientSampleId :
 PB82055BS

Tgt Ion:330 Resp: 150897
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.4 116.2
 141 37.1 28.8 43.2

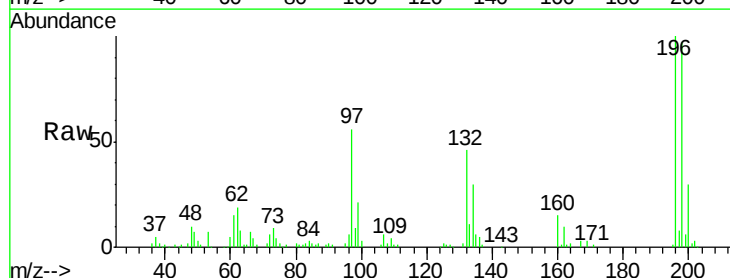


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

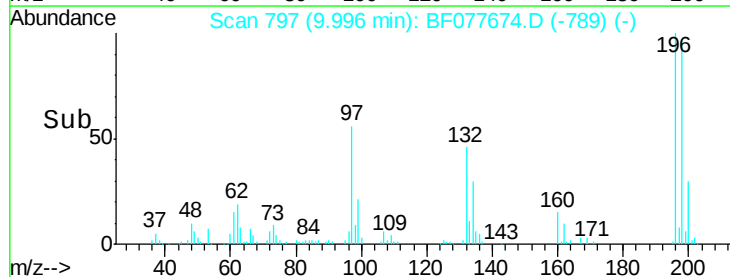
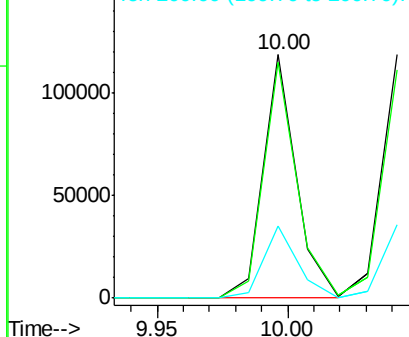


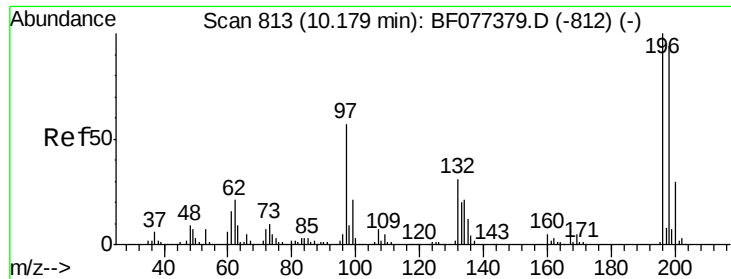
#42
 2,4,6-Trichlorophenol
 Concen: 45.04 ng
 RT: 10.00 min Scan# 797
 Delta R.T. -0.00 min
 Lab File: BF077674.D
 Acq: 10 Mar 2015 21:29

Tgt Ion:196 Resp: 105111
 Ion Ratio Lower Upper
 196 100
 198 96.9 75.8 113.8
 200 29.7 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

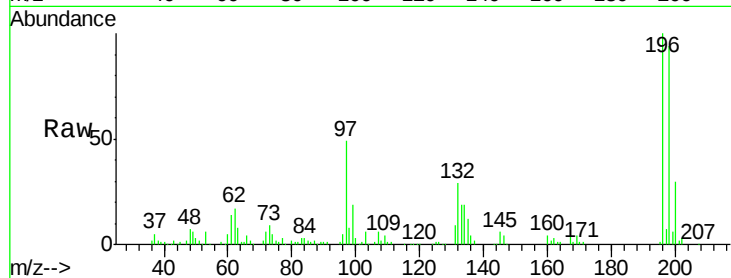




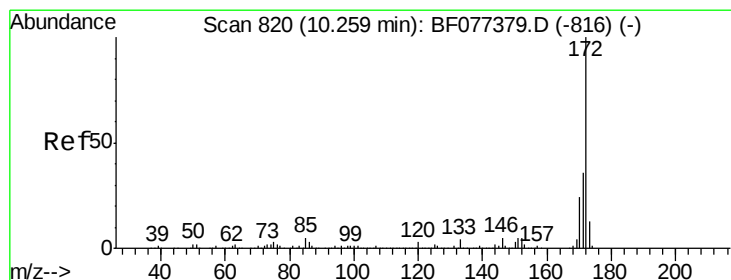
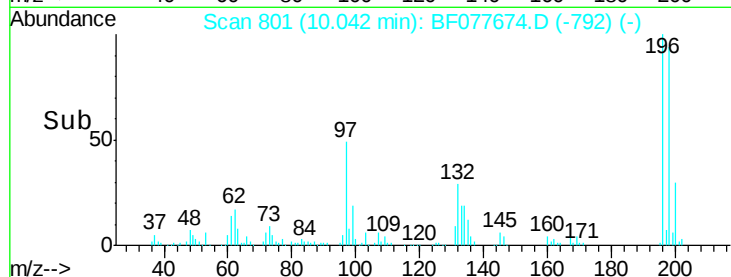
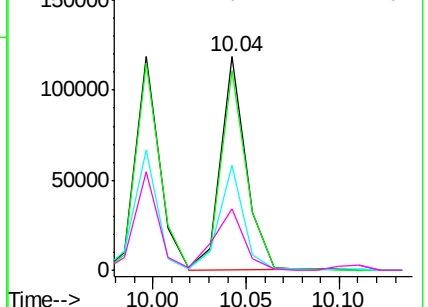
#43
2,4,5-Trichlorophenol
Concen: 45.07 ng
RT: 10.04 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF077674.D
Acq: 10 Mar 2015 21:29

Instrument :
BNA_F
ClientSampleId :
PB82055BS

Tgt Ion:196 Resp: 112483
Ion Ratio Lower Upper
196 100
198 93.9 77.2 115.8
97 49.3 27.7 41.5#
132 28.8 18.0 27.0#

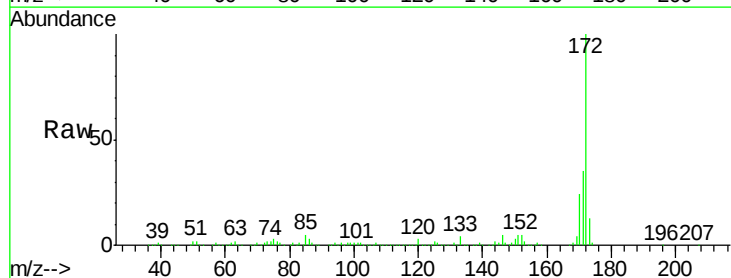


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

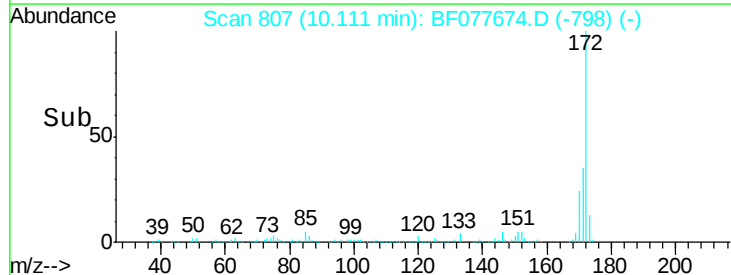
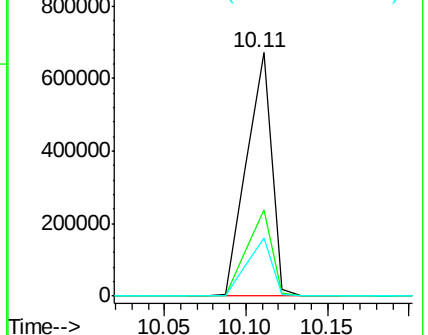


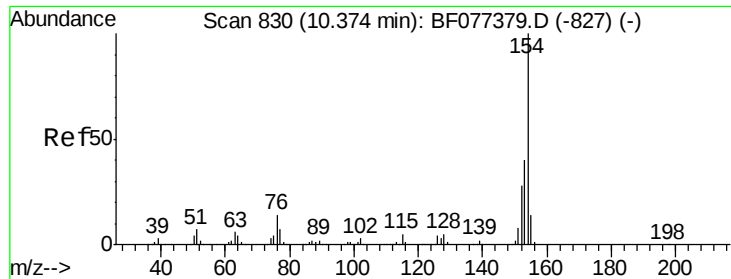
#44
2-Fluorobiphenyl
Concen: 90.78 ng
RT: 10.11 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF077674.D
Acq: 10 Mar 2015 21:29

Tgt Ion:172 Resp: 715049
Ion Ratio Lower Upper
172 100
171 35.2 28.9 43.3
170 23.6 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

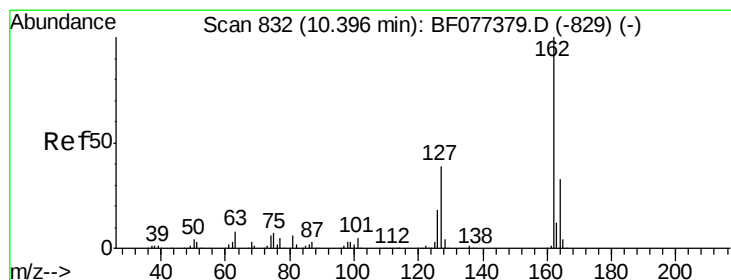
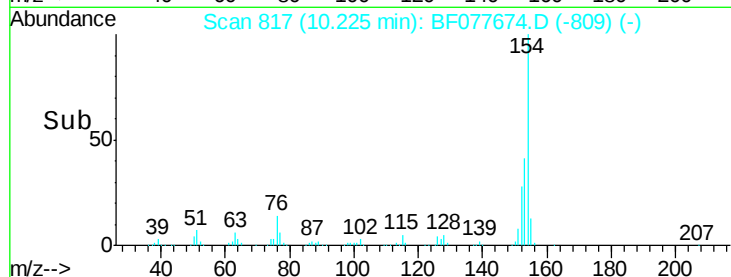
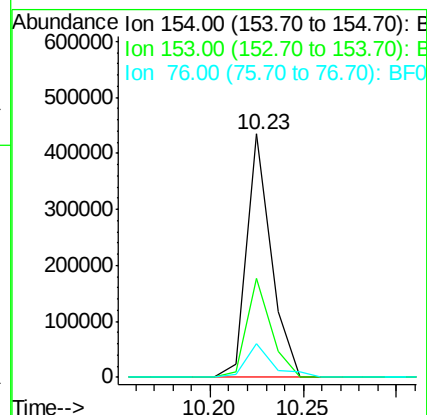
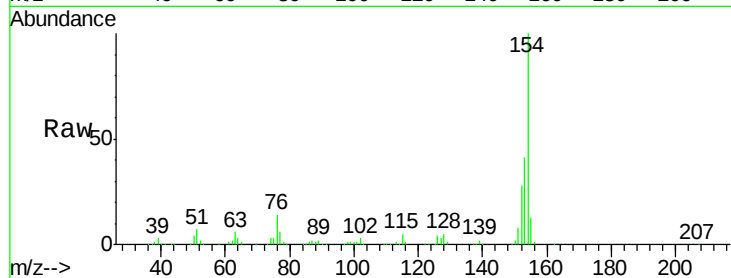




#45
 1,1'-Biphenyl
 Concen: 42.54 ng
 RT: 10.23 min Scan# 817
 Delta R.T. -0.00 min
 Lab File: BF077674.D
 Acq: 10 Mar 2015 21:29

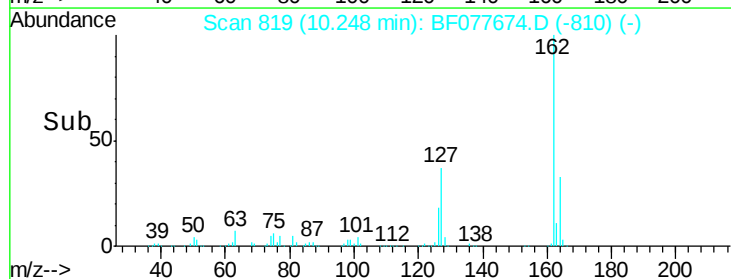
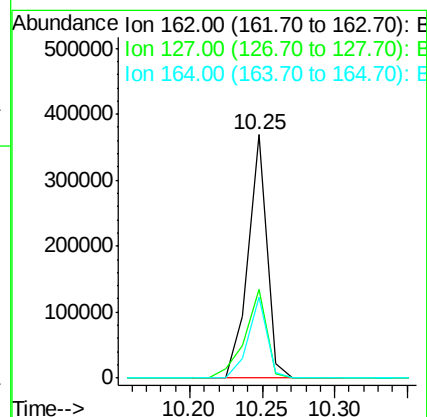
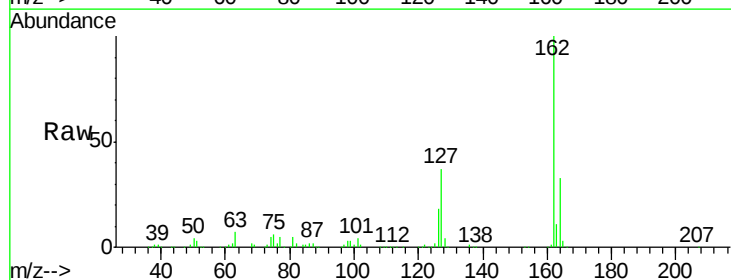
Instrument :
 BNA_F
 ClientSampleId :
 PB82055BS

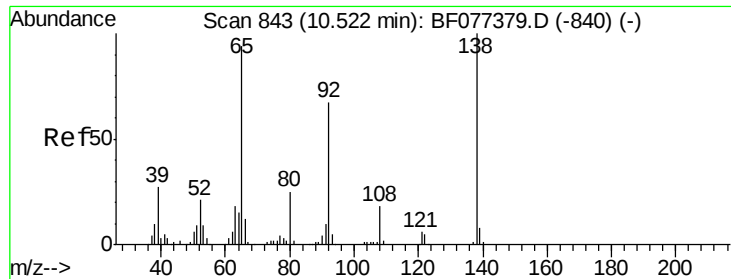
Tgt Ion:	154	Resp:	395873
Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.2	60.2
76	14.0	0.0	29.4



#46
 2-Chloronaphthalene
 Concen: 45.68 ng
 RT: 10.25 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF077674.D
 Acq: 10 Mar 2015 21:29

Tgt Ion:	162	Resp:	333374
Ion	Ratio	Lower	Upper
162	100		
127	36.7	33.3	49.9
164	33.1	26.2	39.4

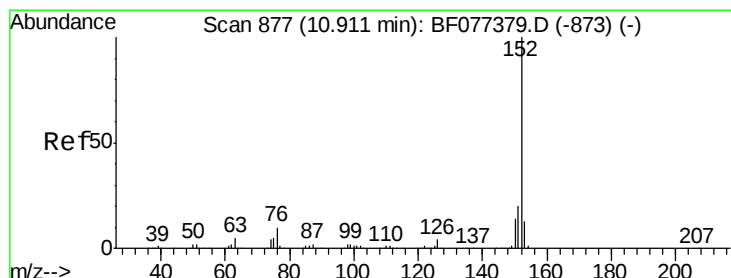
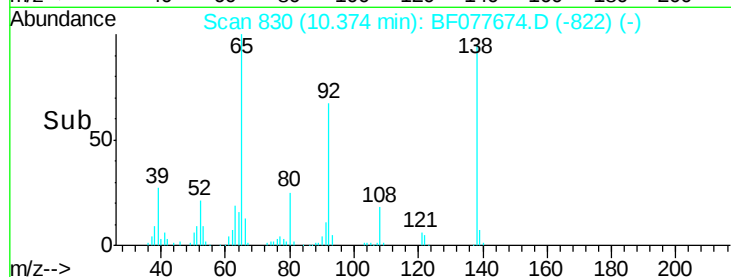
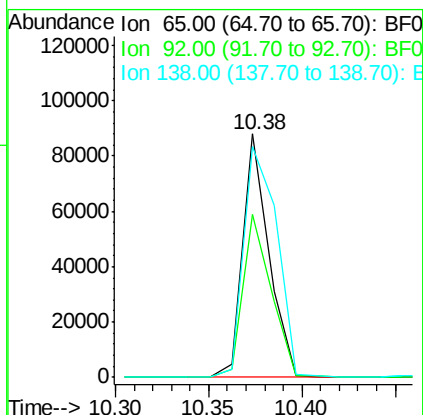
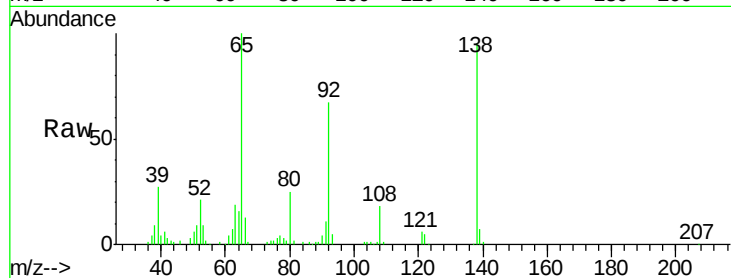




#47
2-Nitroaniline
Concen: 47.76 ng
RT: 10.38 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF077674.D
Acq: 10 Mar 2015 21:29

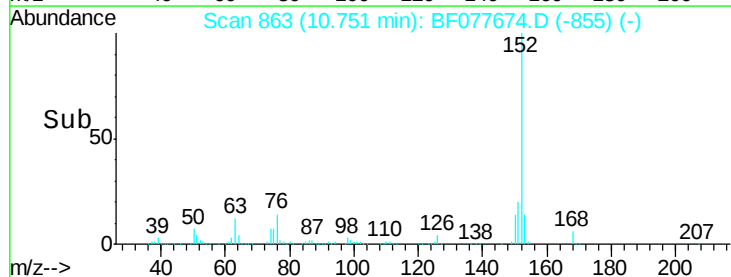
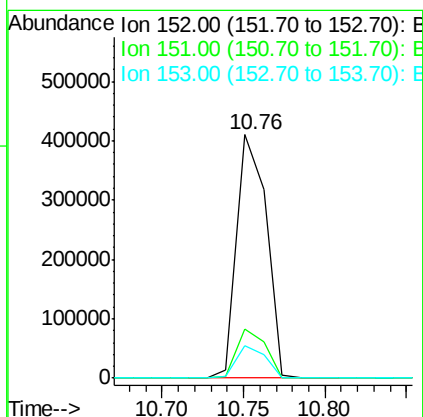
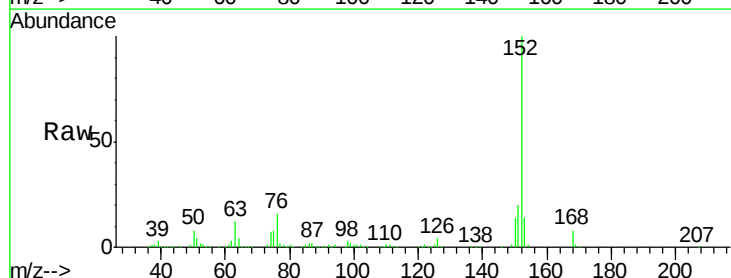
Instrument :
BNA_F
ClientSampleId :
PB82055BS

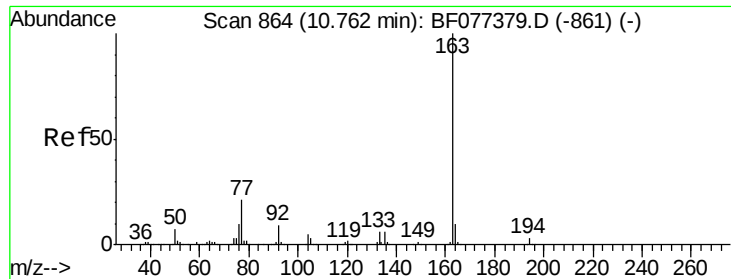
Tgt Ion: 65 Resp: 85803
Ion Ratio Lower Upper
65 100
92 67.1 52.4 78.6
138 94.5 73.4 110.0



#48
Acenaphthylene
Concen: 44.31 ng
RT: 10.76 min Scan# 863
Delta R.T. -0.00 min
Lab File: BF077674.D
Acq: 10 Mar 2015 21:29

Tgt Ion: 152 Resp: 511872
Ion Ratio Lower Upper
152 100
151 20.1 16.1 24.1
153 13.6 10.9 16.3

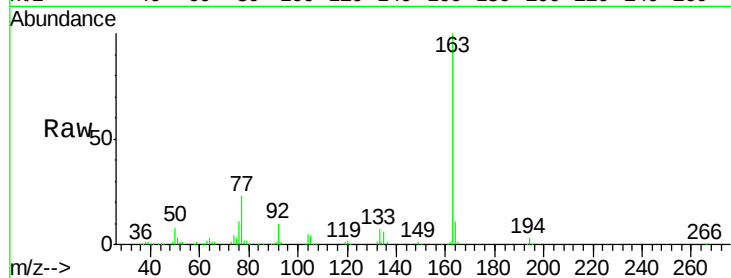




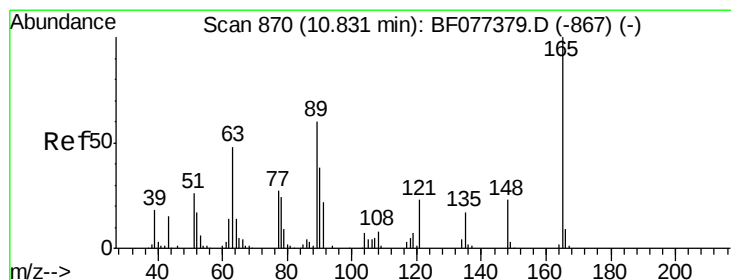
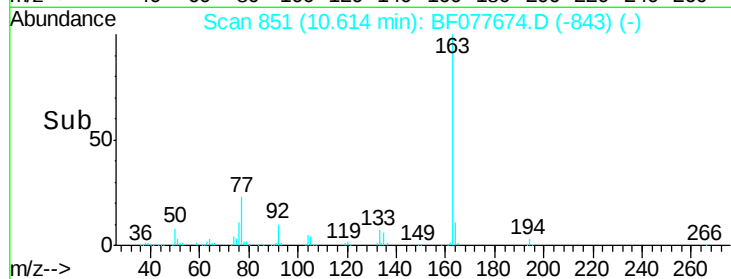
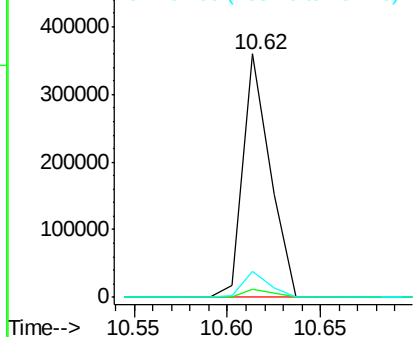
#49
Dimethylphthalate
Concen: 42.22 ng
RT: 10.62 min Scan# 851
Delta R.T. -0.00 min
Lab File: BF077674.D
Acq: 10 Mar 2015 21:29

Instrument :
BNA_F
ClientSampleId :
PB82055BS

Tgt Ion:163 Resp: 364486
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 10.6 8.6 13.0

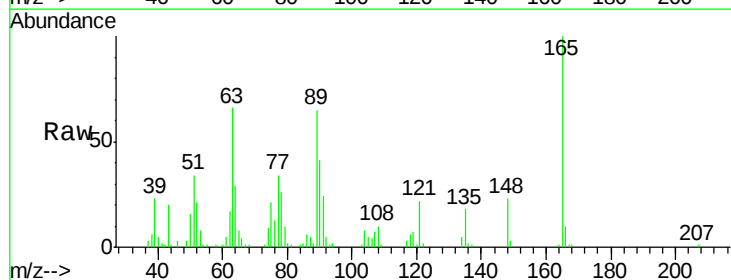


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

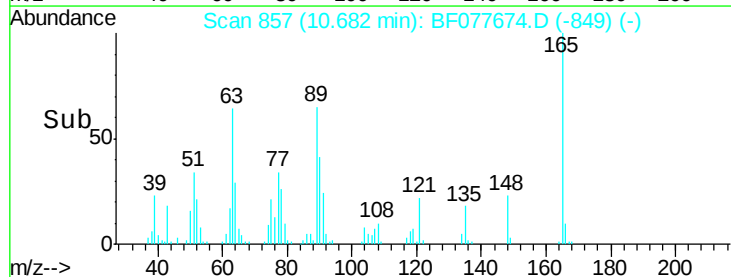
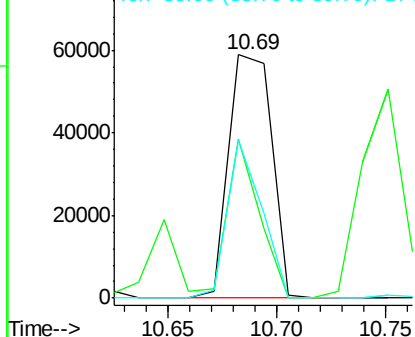


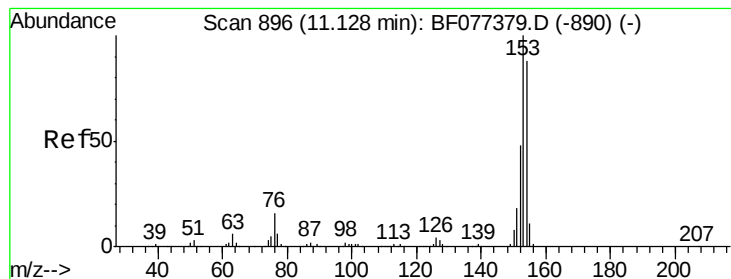
#50
2,6-Dinitrotoluene
Concen: 46.78 ng
RT: 10.69 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF077674.D
Acq: 10 Mar 2015 21:29

Tgt Ion:165 Resp: 80999
Ion Ratio Lower Upper
165 100
63 65.5 25.2 37.8#
89 64.8 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: 42.72 ng

RT: 10.97 min Scan# 882

Delta R.T. -0.00 min

Lab File: BF077674.D

Acq: 10 Mar 2015 21:29

Instrument :

BNA_F

ClientSampleId :

PB82055BS

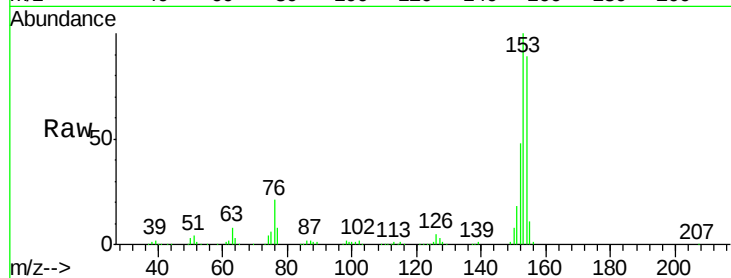
Tgt Ion:154 Resp: 294486

Ion Ratio Lower Upper

154 100

153 111.7 90.5 135.7

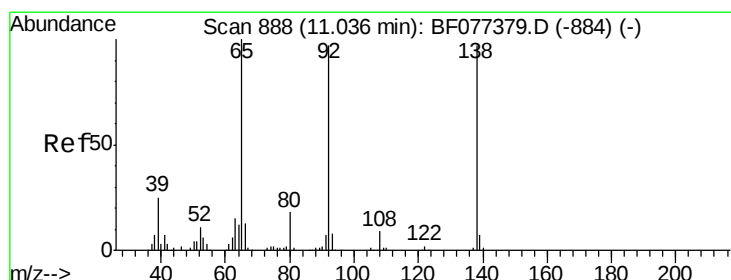
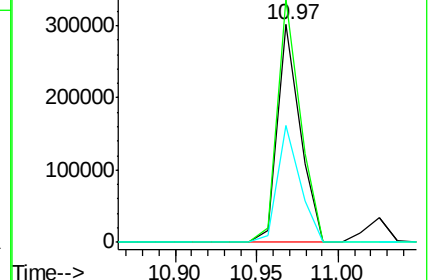
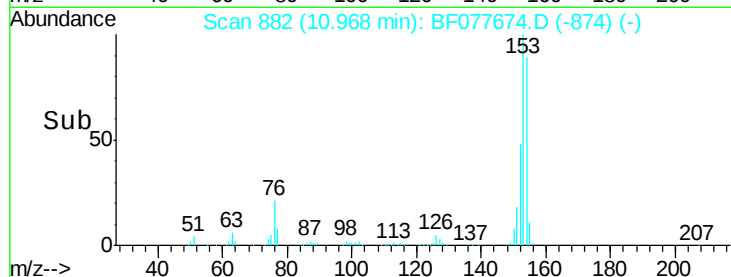
152 53.5 43.5 65.3



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: 32.20 ng

RT: 10.89 min Scan# 875

Delta R.T. -0.00 min

Lab File: BF077674.D

Acq: 10 Mar 2015 21:29

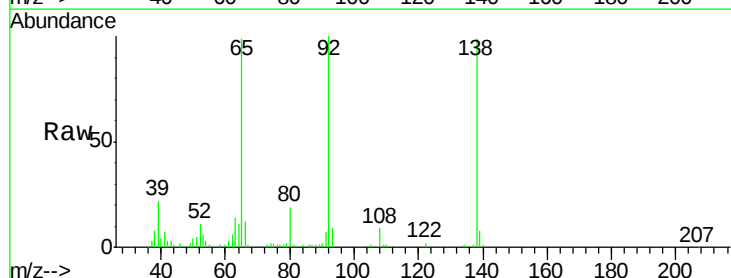
Tgt Ion:138 Resp: 64282

Ion Ratio Lower Upper

138 100

108 9.5 7.8 11.8

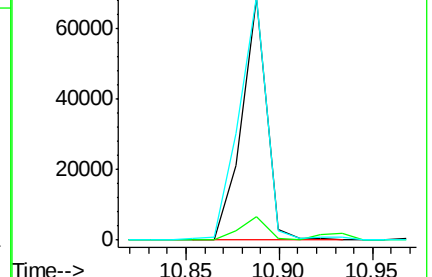
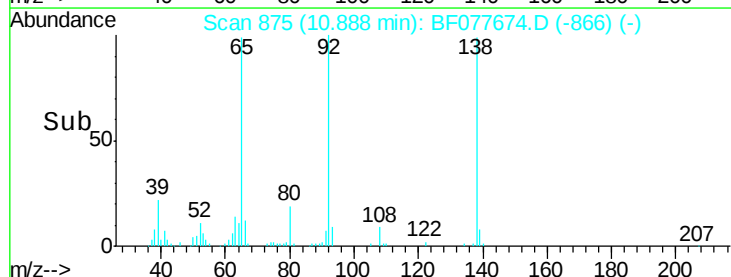
92 100.6 90.6 135.8

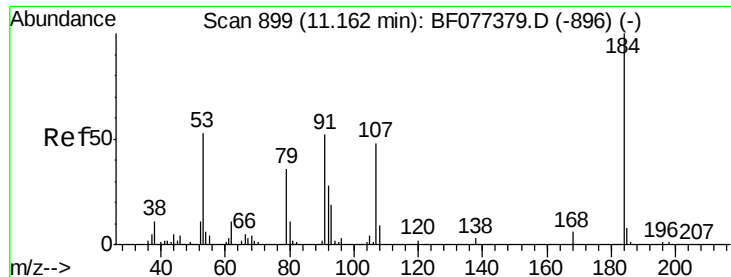


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

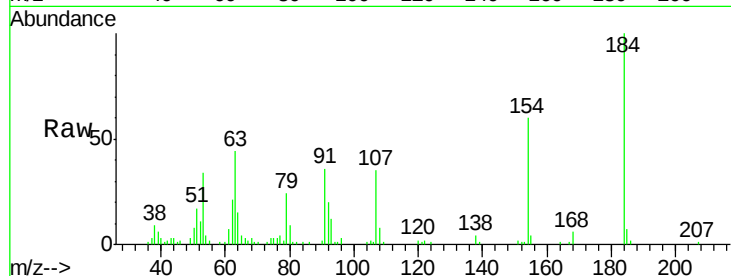




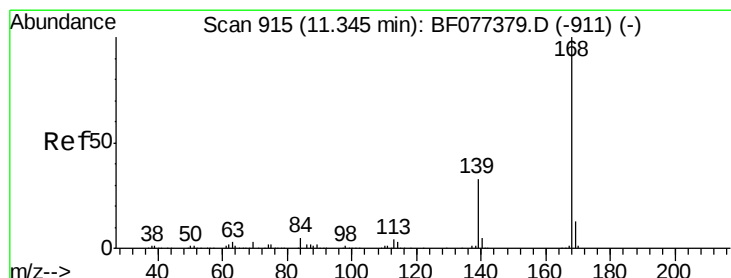
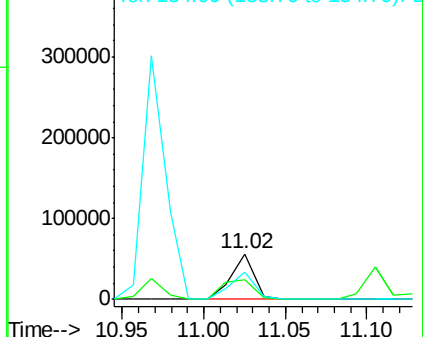
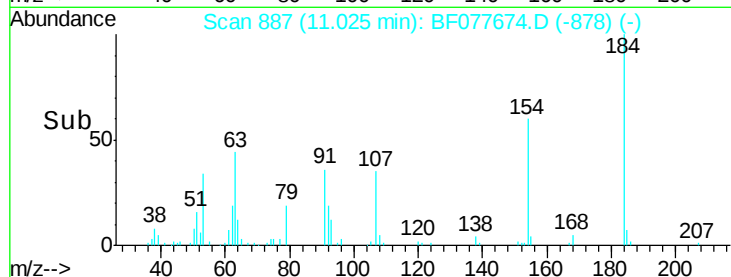
#53
2,4-Dinitrophenol
Concen: 105.68 ng
RT: 11.02 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF077674.D
Acq: 10 Mar 2015 21:29

Instrument :
BNA_F
ClientSampleId :
PB82055BS

Tgt Ion:184 Resp: 55675
Ion Ratio Lower Upper
184 100
63 43.6 29.5 44.3
154 60.1 43.2 64.8

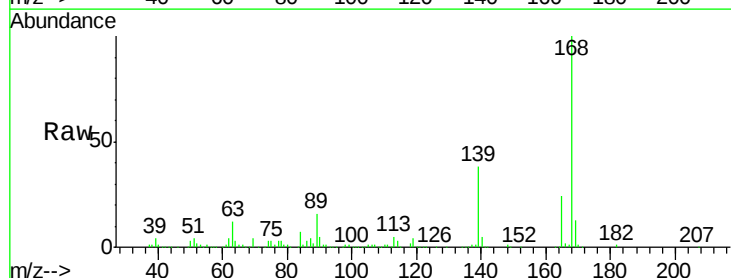


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

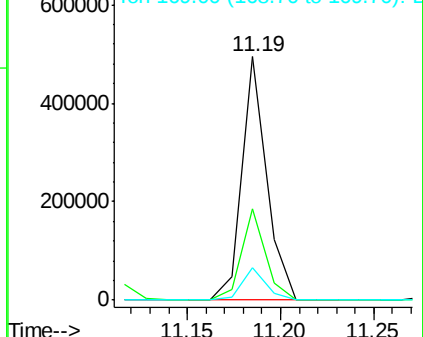
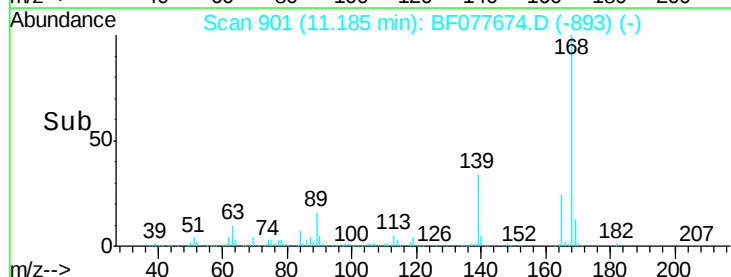


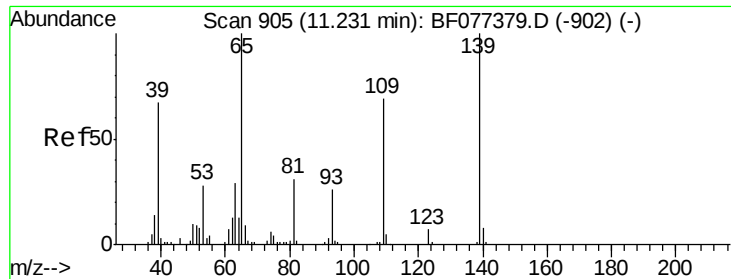
#54
Dibenzofuran
Concen: 43.00 ng
RT: 11.19 min Scan# 901
Delta R.T. -0.00 min
Lab File: BF077674.D
Acq: 10 Mar 2015 21:29

Tgt Ion:168 Resp: 457711
Ion Ratio Lower Upper
168 100
139 37.6 29.3 43.9
169 13.5 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

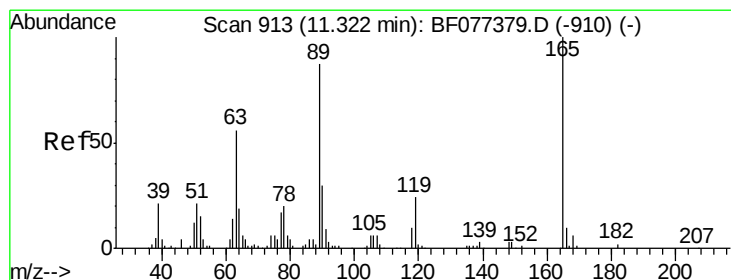
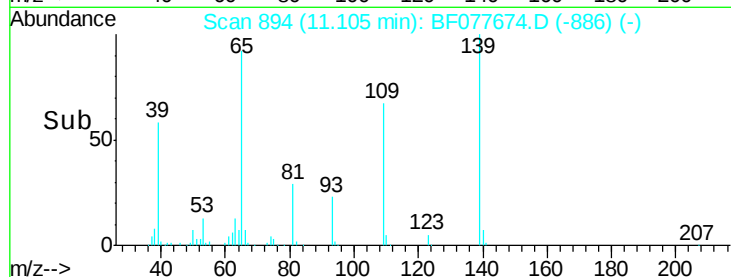
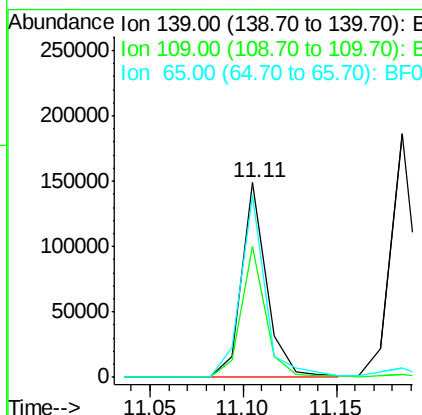
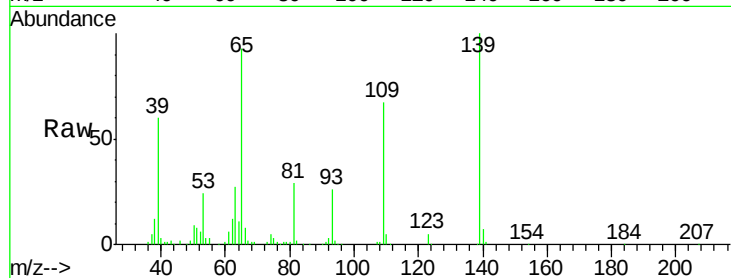




#55
4-Nitrophenol
Concen: 87.11 ng
RT: 11.11 min Scan# 894
Delta R.T. -0.00 min
Lab File: BF077674.D
Acq: 10 Mar 2015 21:29

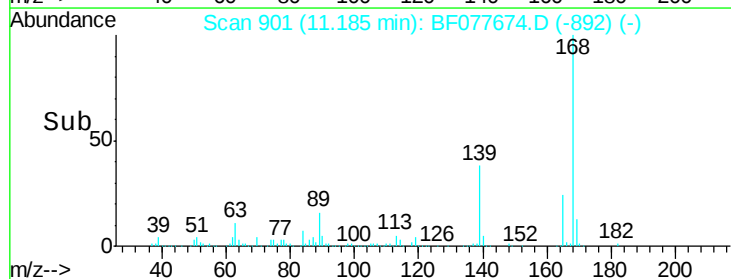
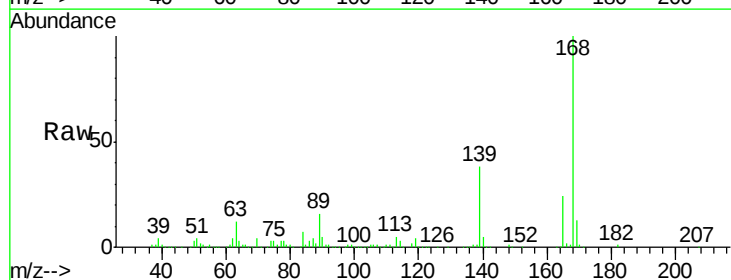
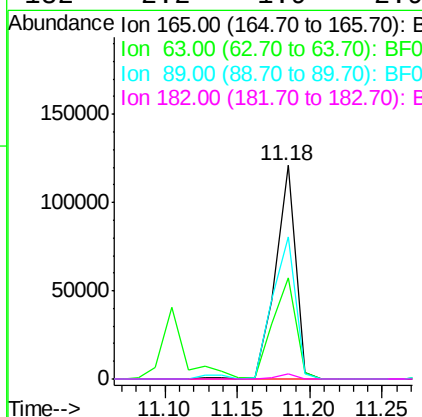
Instrument :
BNA_F
ClientSampleId :
PB82055BS

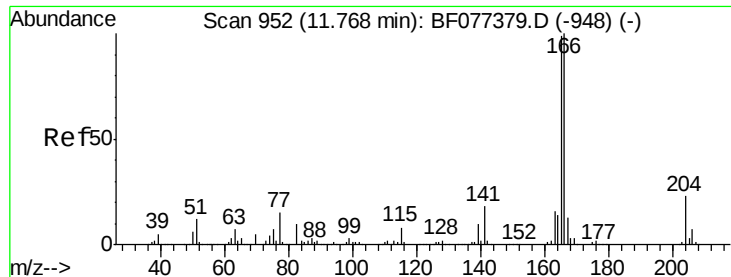
Tgt Ion	Ratio	Lower	Upper
139	100		
109	67.2	36.2	76.2
65	93.3	40.3	80.3



#56
2,4-Dinitrotoluene
Concen: 49.89 ng
RT: 11.18 min Scan# 901
Delta R.T. -0.00 min
Lab File: BF077674.D
Acq: 10 Mar 2015 21:29

Tgt Ion	Ratio	Lower	Upper
165	100		
63	47.3	29.8	44.8
89	66.8	48.5	72.7
182	2.2	1.9	2.9

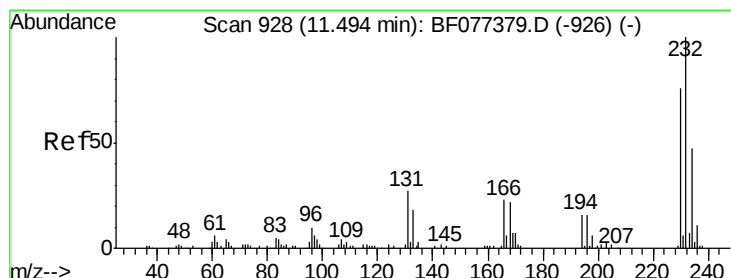
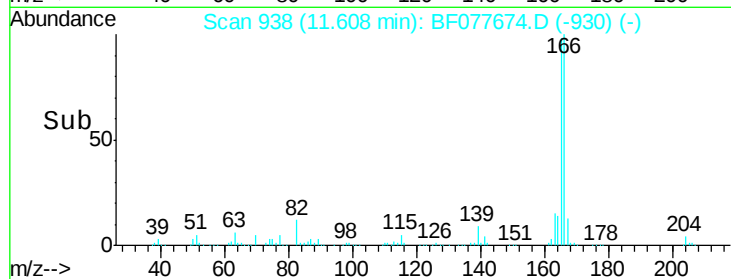
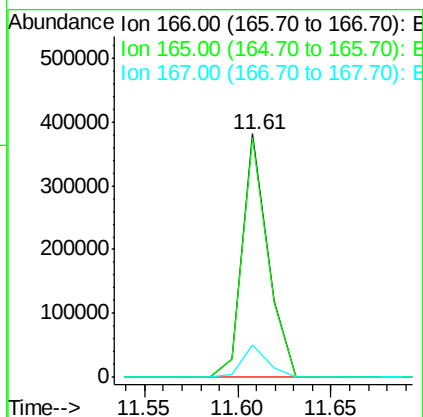
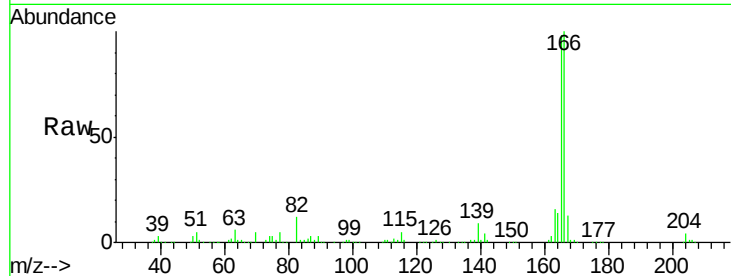




#57
 Fluorene
 Concen: 42.71 ng
 RT: 11.61 min Scan# 938
 Delta R.T. -0.00 min
 Lab File: BF077674.D
 Acq: 10 Mar 2015 21:29

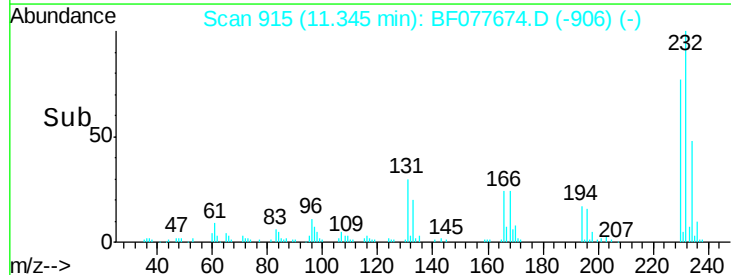
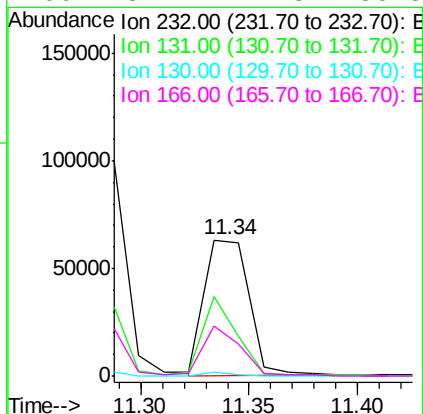
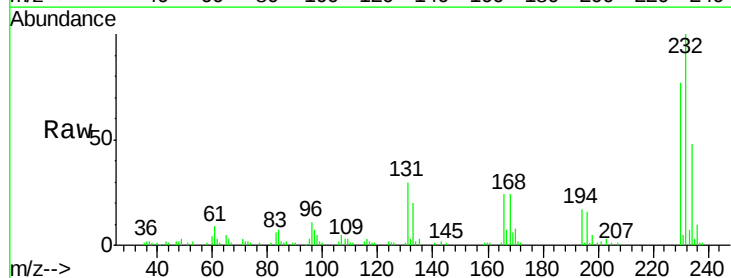
Instrument :
 BNA_F
 ClientSampleId :
 PB82055BS

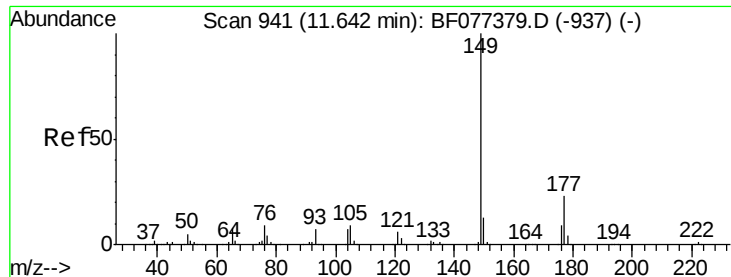
Tgt Ion:166 Resp: 363499
 Ion Ratio Lower Upper
 166 100
 165 98.4 77.6 116.4
 167 13.2 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.34 ng
 RT: 11.34 min Scan# 915
 Delta R.T. -0.00 min
 Lab File: BF077674.D
 Acq: 10 Mar 2015 21:29

Tgt Ion:232 Resp: 88962
 Ion Ratio Lower Upper
 232 100
 131 45.2 34.2 51.2
 130 2.0 1.8 2.6
 166 31.2 24.3 36.5

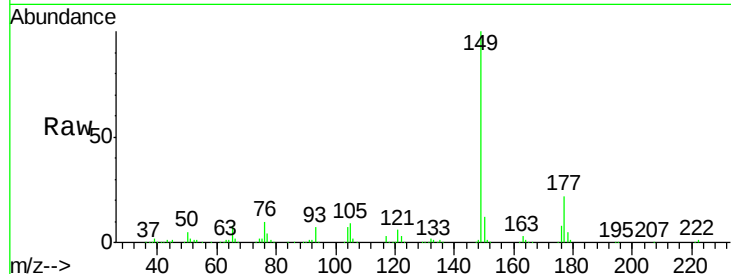




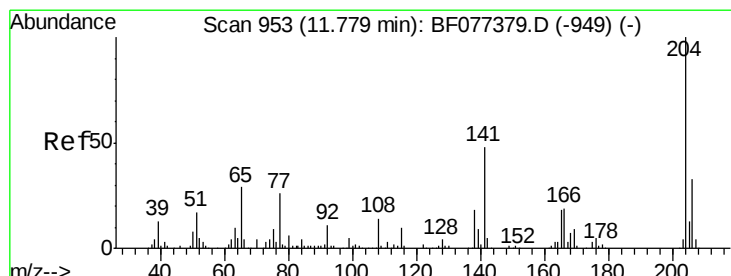
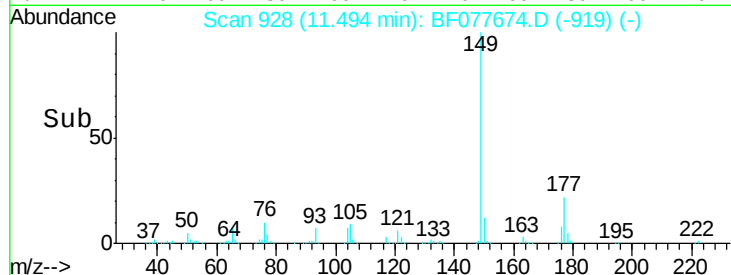
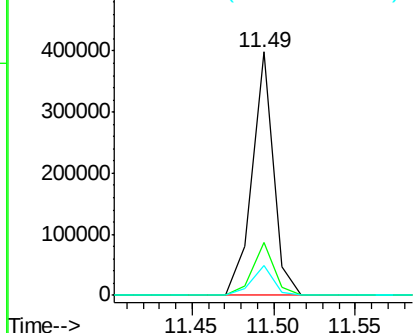
#59
Diethylphthalate
Concen: 42.53 ng
RT: 11.49 min Scan# 928
Delta R.T. -0.00 min
Lab File: BF077674.D
Acq: 10 Mar 2015 21:29

Instrument :
BNA_F
ClientSampleId :
PB82055BS

Tgt Ion:149 Resp: 362038
Ion Ratio Lower Upper
149 100
177 21.8 17.2 25.8
150 12.0 10.5 15.7

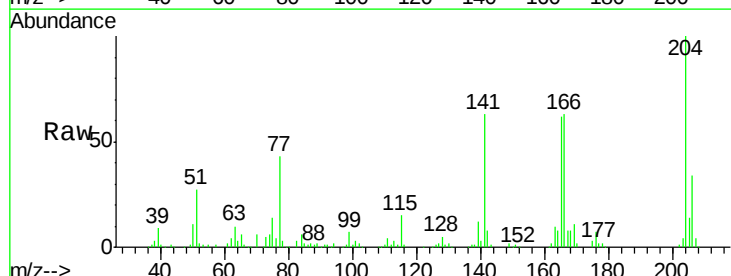


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

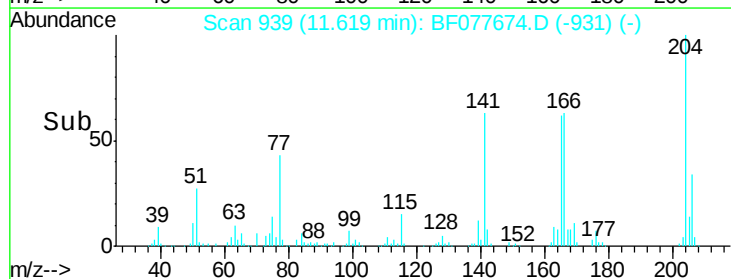
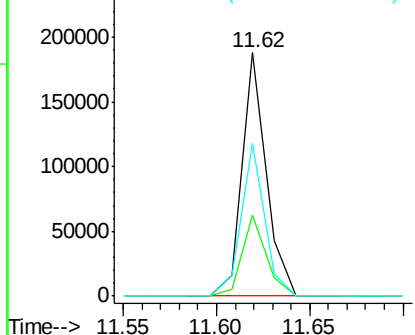


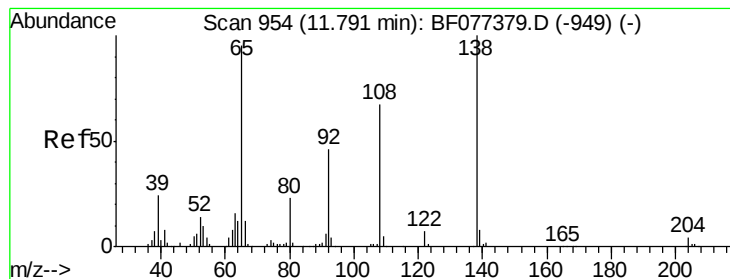
#60
4-Chlorophenyl-phenylether
Concen: 41.38 ng
RT: 11.62 min Scan# 939
Delta R.T. -0.00 min
Lab File: BF077674.D
Acq: 10 Mar 2015 21:29

Tgt Ion:204 Resp: 169681
Ion Ratio Lower Upper
204 100
206 33.6 25.9 38.9
141 62.6 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: 47.59 ng

RT: 11.64 min Scan# 941

Delta R.T. -0.00 min

Lab File: BF077674.D

Acq: 10 Mar 2015 21:29

Instrument :

BNA_F

ClientSampleId :

PB82055BS

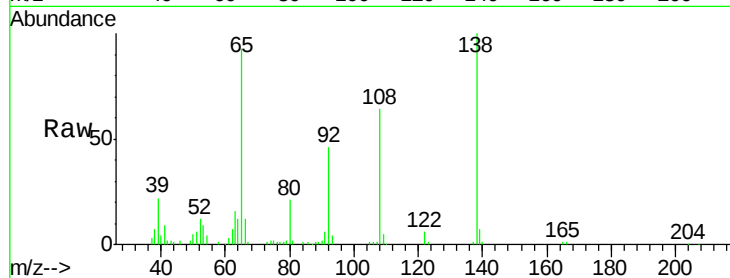
Tgt Ion:138 Resp: 91045

Ion Ratio Lower Upper

138 100

92 46.4 32.8 72.8

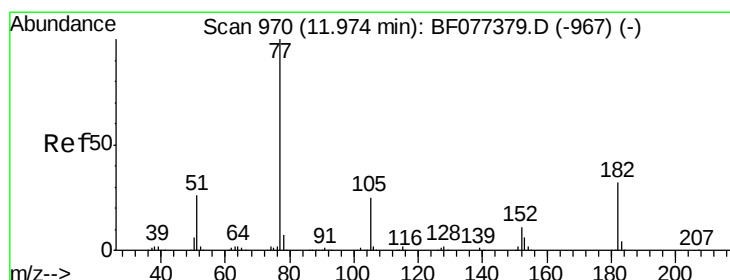
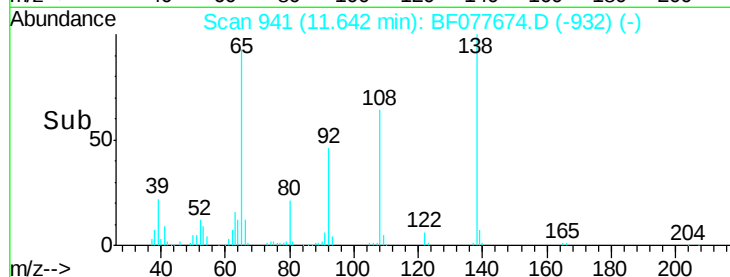
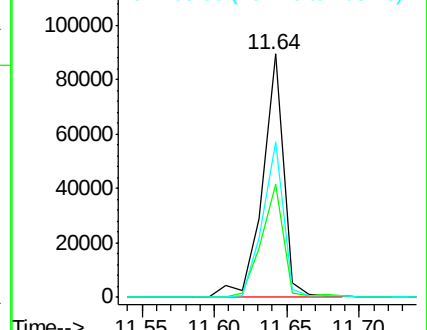
108 64.0 52.1 92.1



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: 42.88 ng

RT: 11.82 min Scan# 956

Delta R.T. -0.00 min

Lab File: BF077674.D

Acq: 10 Mar 2015 21:29

Tgt Ion: 77 Resp: 346279

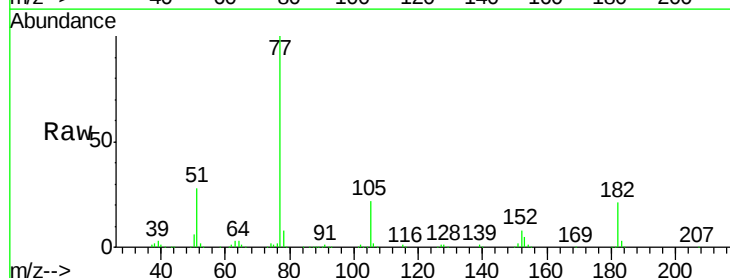
Ion Ratio Lower Upper

77 100

182 20.6 4.9 44.9

105 22.3 3.3 43.3

51 27.8 8.9 48.9

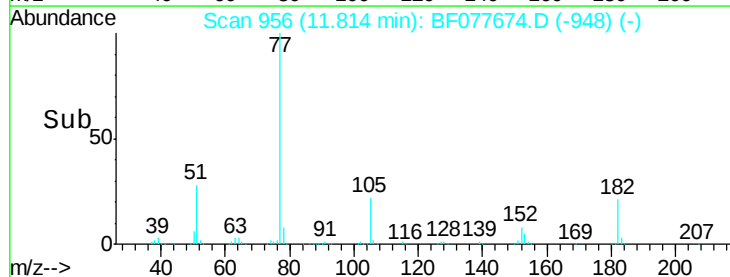
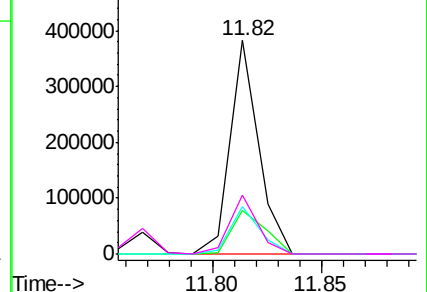


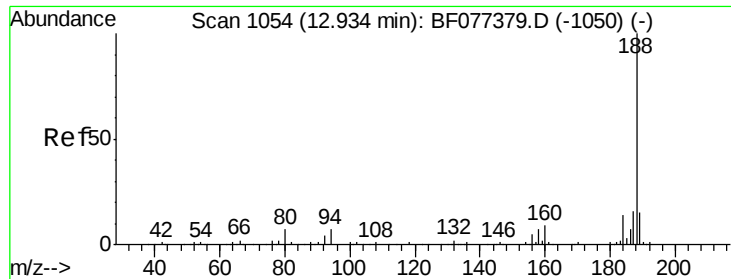
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

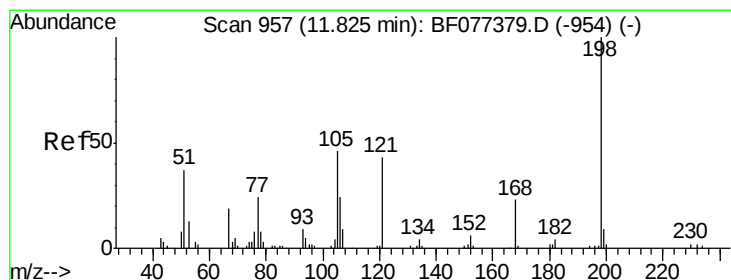
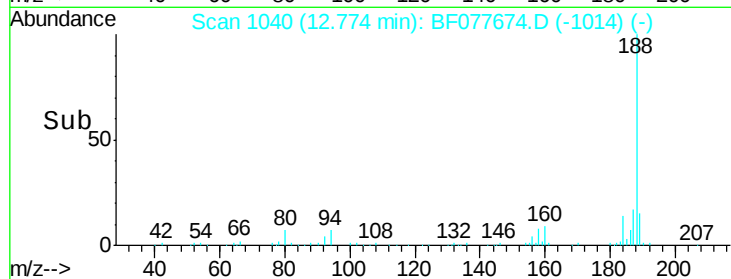
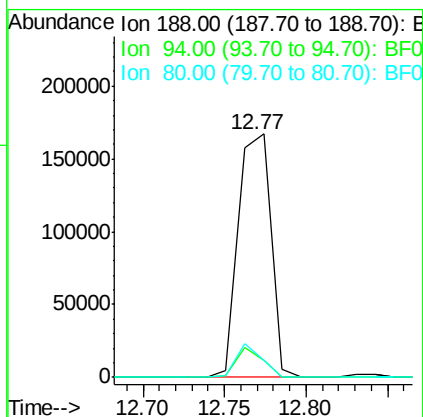
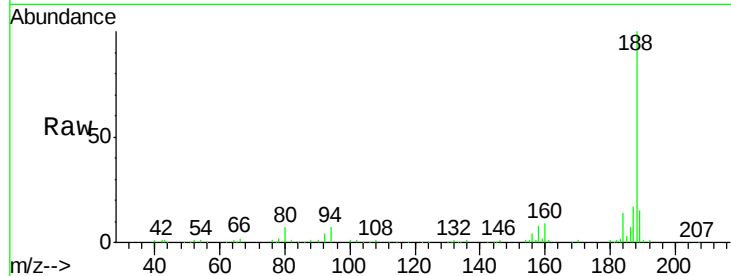




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.77 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF077674.D
Acq: 10 Mar 2015 21:29

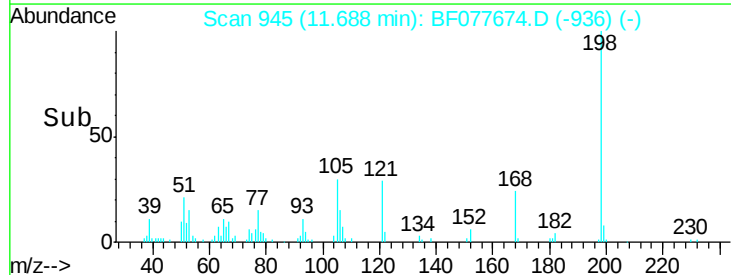
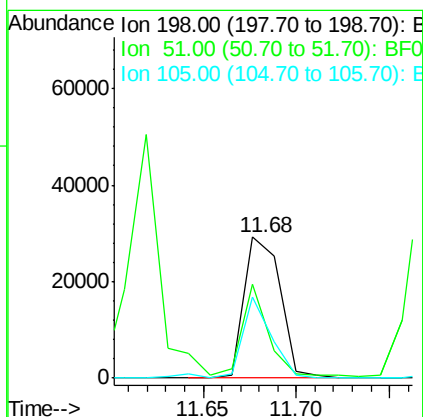
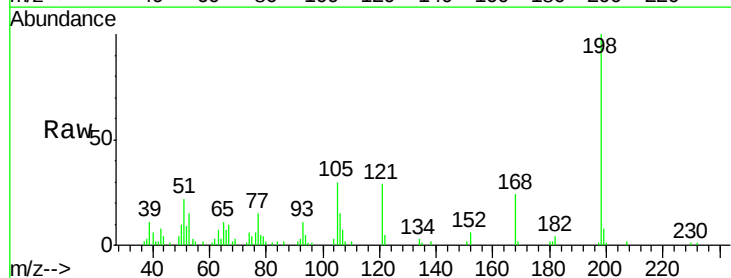
Instrument :
BNA_F
ClientSampleId :
PB82055BS

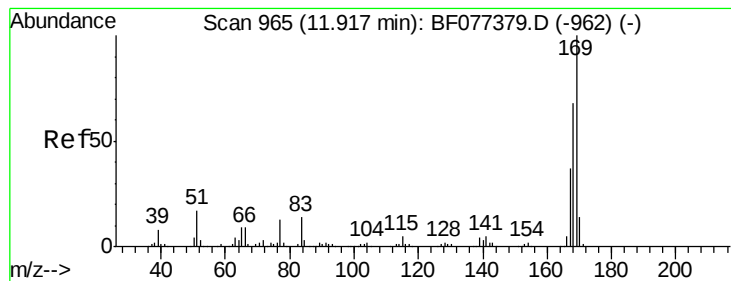
Tgt Ion:188 Resp: 230228
Ion Ratio Lower Upper
188 100
94 7.1 7.4 11.2#
80 7.1 8.0 12.0#



#64
4,6-Dinitro-2-methylphenol
Concen: 43.05 ng
RT: 11.68 min Scan# 945
Delta R.T. -0.00 min
Lab File: BF077674.D
Acq: 10 Mar 2015 21:29

Tgt Ion:198 Resp: 39162
Ion Ratio Lower Upper
198 100
51 22.3 2.7 42.7
105 29.8 10.0 50.0





#65

n-Nitrosodiphenylamine

Concen: 42.25 ng

RT: 11.77 min Scan# 952

Delta R.T. -0.00 min

Lab File: BF077674.D

Acq: 10 Mar 2015 21:29

Instrument :

BNA_F

ClientSampleId :

PB82055BS

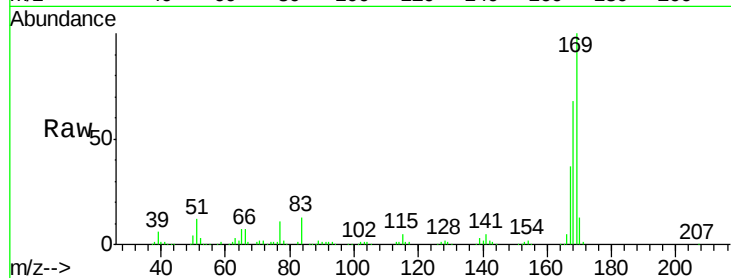
Tgt Ion:169 Resp: 322765

Ion Ratio Lower Upper

169 100

168 68.4 53.0 79.6

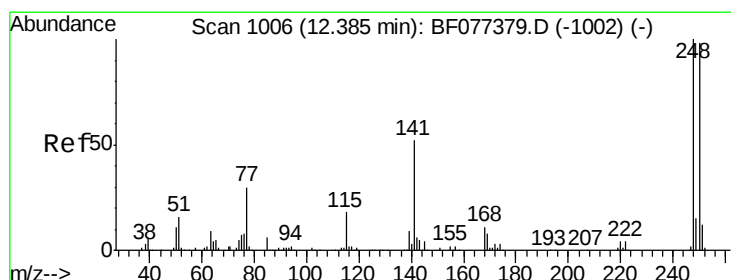
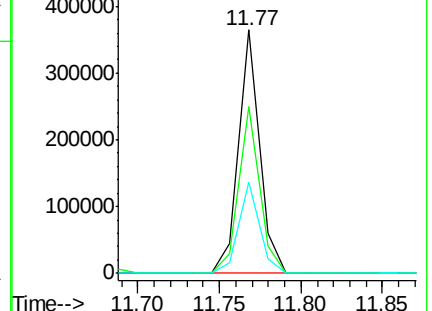
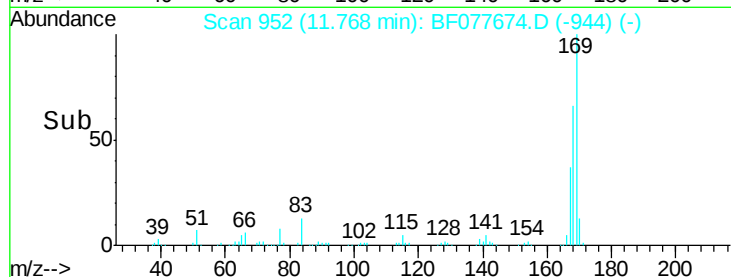
167 37.4 29.5 44.3



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: 38.41 ng

RT: 12.23 min Scan# 992

Delta R.T. -0.00 min

Lab File: BF077674.D

Acq: 10 Mar 2015 21:29

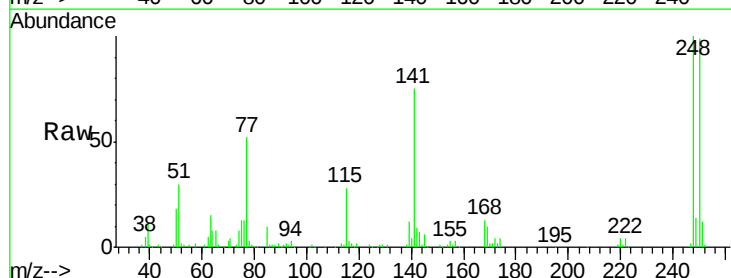
Tgt Ion:248 Resp: 103551

Ion Ratio Lower Upper

248 100

250 99.1 78.0 117.0

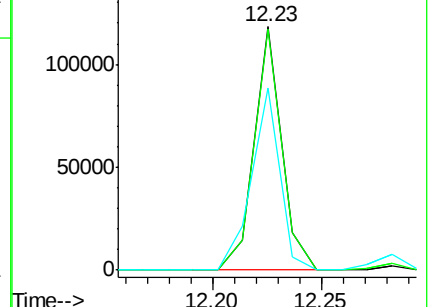
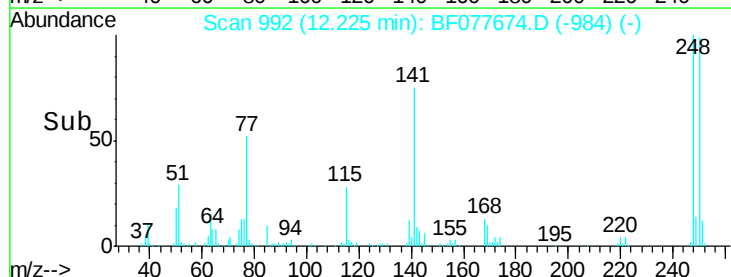
141 74.6 54.1 81.1

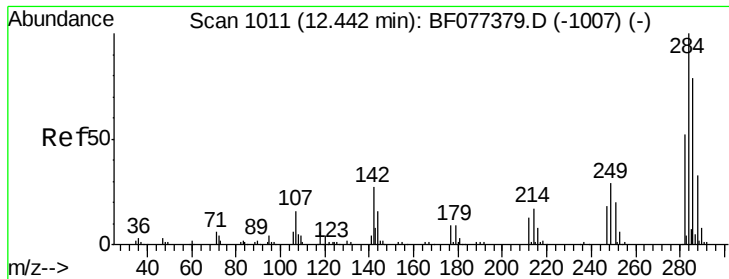


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

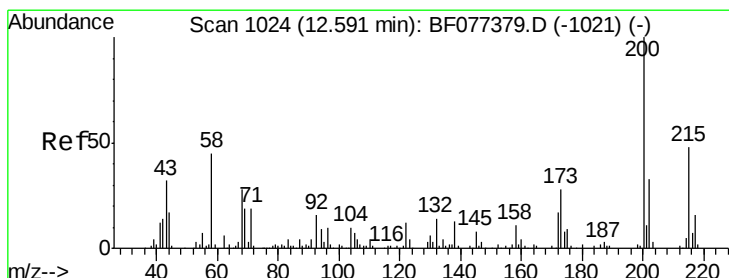
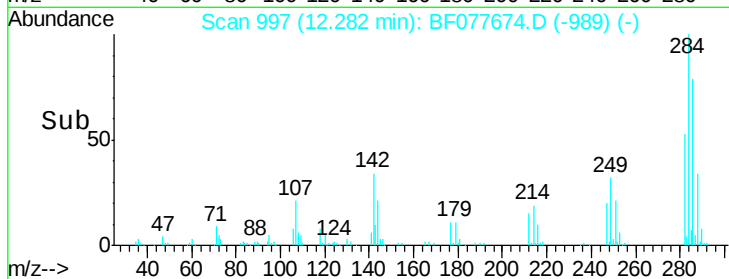
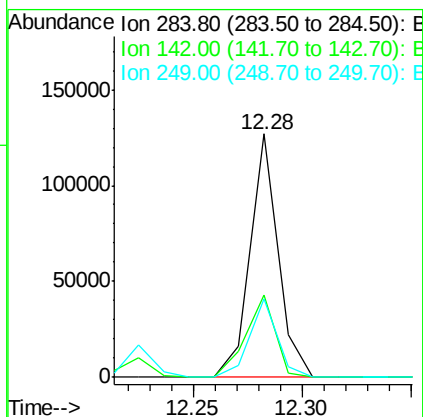
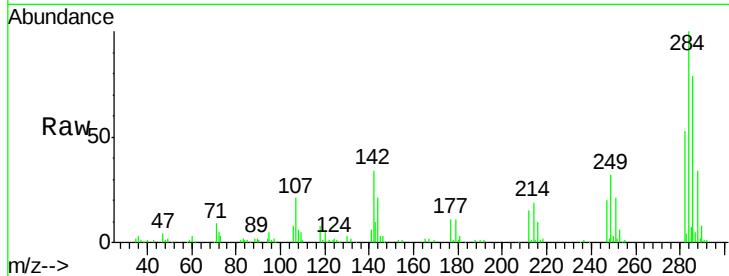




#67
Hexachlorobenzene
Concen: 39.09 ng
RT: 12.28 min Scan# 997
Delta R.T. -0.00 min
Lab File: BF077674.D
Acq: 10 Mar 2015 21:29

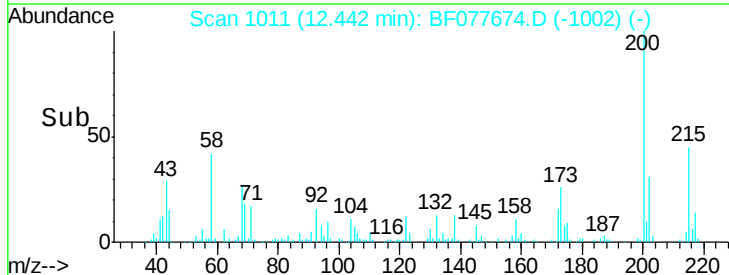
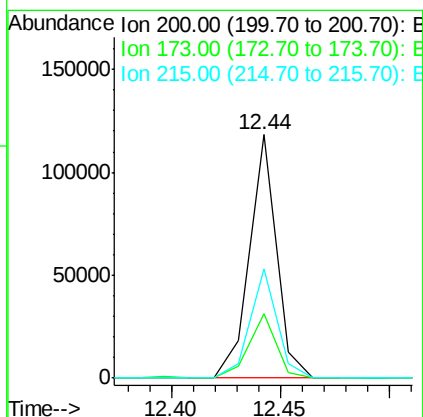
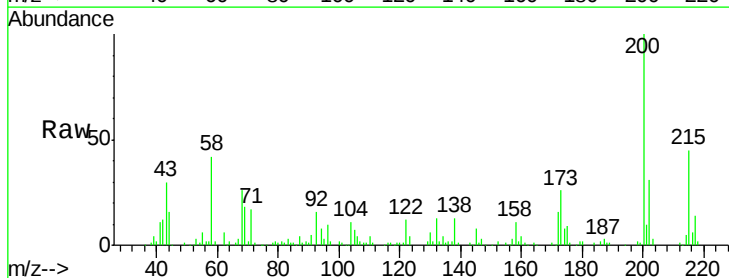
Instrument :
BNA_F
ClientSampleId :
PB82055BS

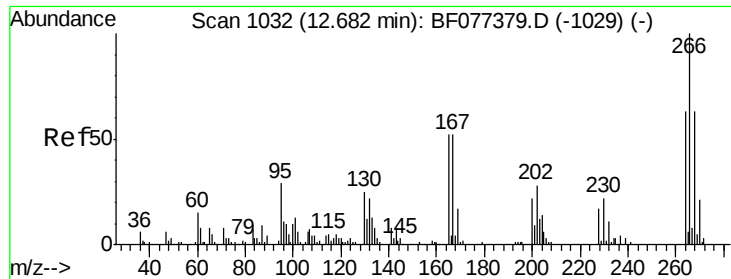
Tgt Ion:284 Resp: 113104
Ion Ratio Lower Upper
284 100
142 33.6 31.6 47.4
249 32.0 27.0 40.4



#68
Atrazine
Concen: 41.20 ng
RT: 12.44 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BF077674.D
Acq: 10 Mar 2015 21:29

Tgt Ion:200 Resp: 102327
Ion Ratio Lower Upper
200 100
173 26.5 9.6 49.6
215 44.7 24.4 64.4

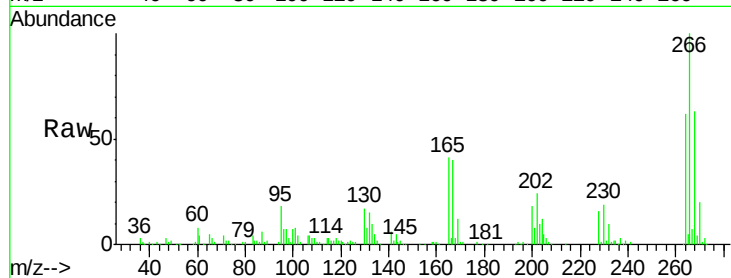




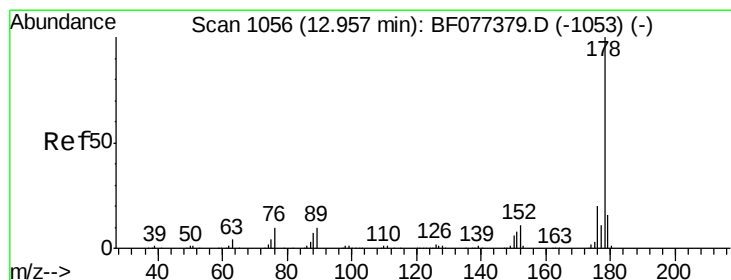
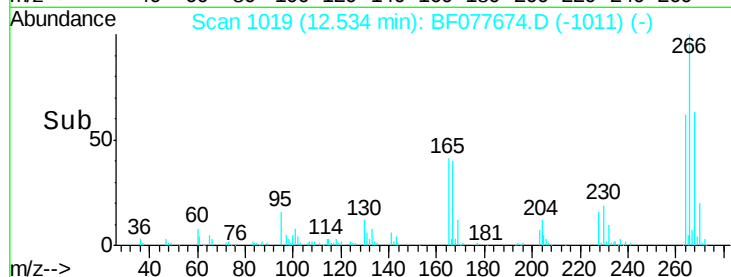
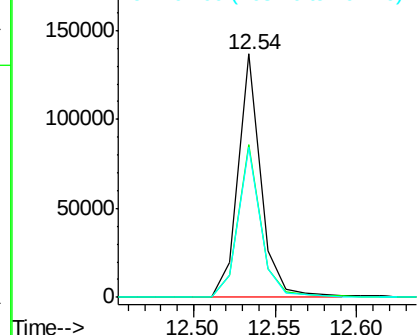
#69
 Pentachlorophenol
 Concen: 86.16 ng
 RT: 12.54 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BF077674.D
 Acq: 10 Mar 2015 21:29

Instrument :
 BNA_F
 ClientSampleId :
 PB82055BS

Tgt Ion:266 Resp: 131043
 Ion Ratio Lower Upper
 266 100
 268 62.6 51.2 76.8
 264 61.9 50.7 76.1

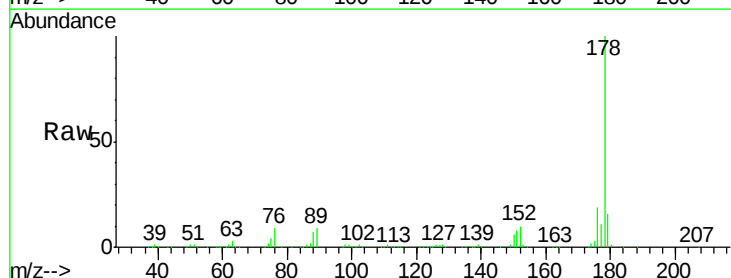


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

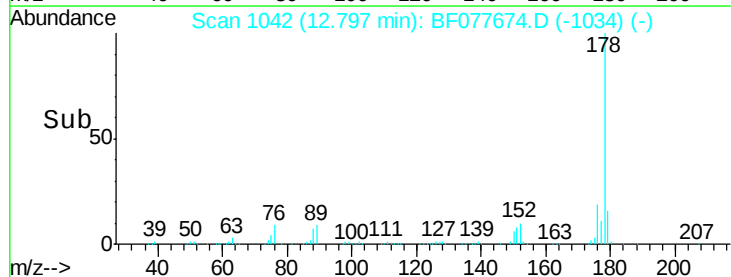
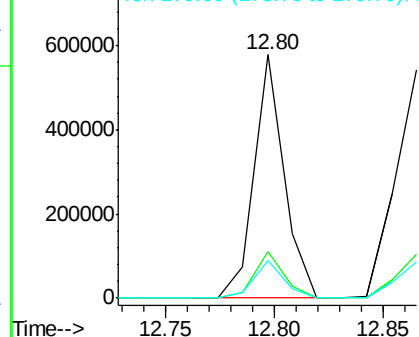


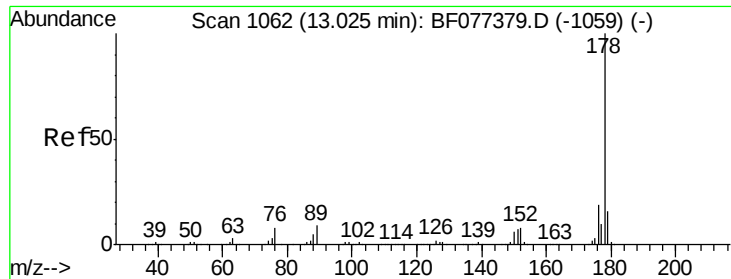
#70
 Phenanthrene
 Concen: 41.65 ng
 RT: 12.80 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BF077674.D
 Acq: 10 Mar 2015 21:29

Tgt Ion:178 Resp: 555747
 Ion Ratio Lower Upper
 178 100
 176 19.3 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

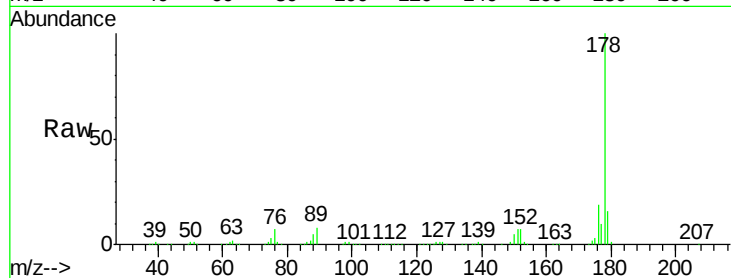




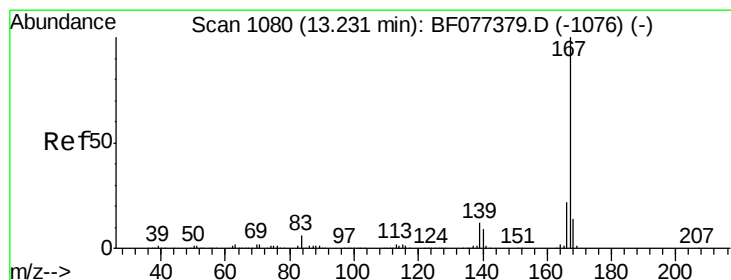
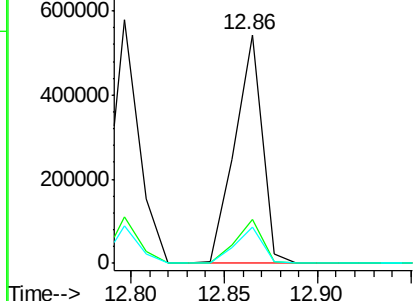
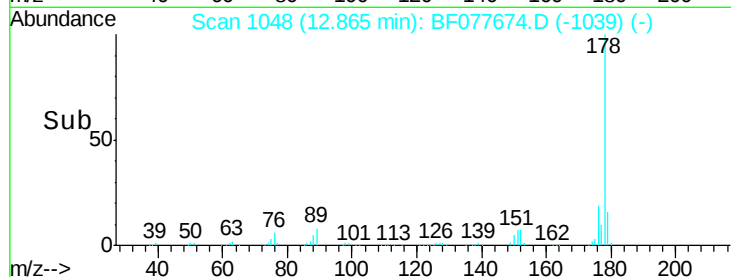
#71
 Anthracene
 Concen: 42.33 ng
 RT: 12.86 min Scan# 1048
 Delta R.T. -0.00 min
 Lab File: BF077674.D
 Acq: 10 Mar 2015 21:29

Instrument :
 BNA_F
 ClientSampleId :
 PB82055BS

Tgt Ion:178 Resp: 560524
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.0
 179 15.7 12.9 19.3

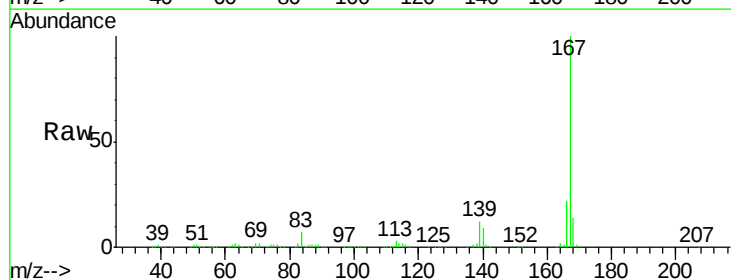


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

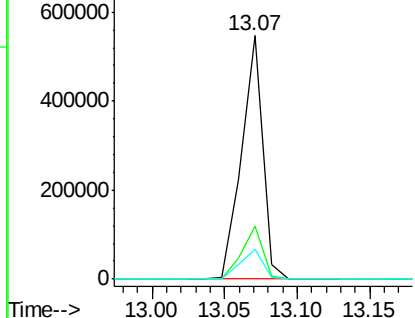
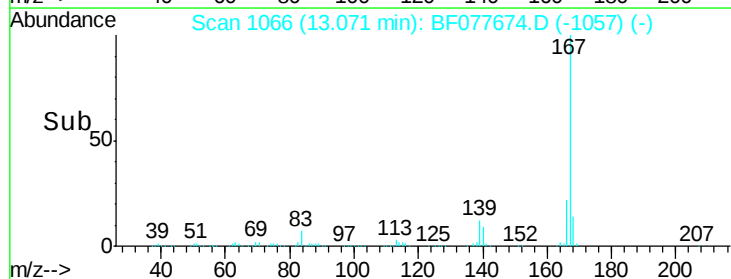


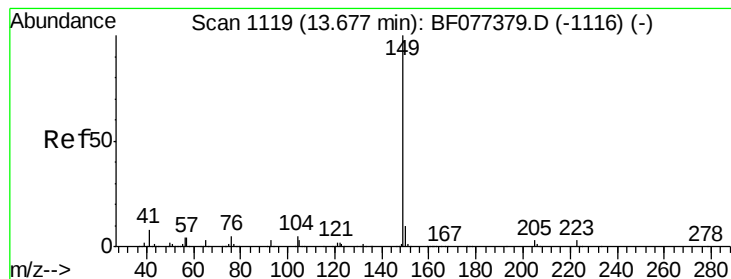
#72
 Carbazole
 Concen: 44.13 ng
 RT: 13.07 min Scan# 1066
 Delta R.T. -0.00 min
 Lab File: BF077674.D
 Acq: 10 Mar 2015 21:29

Tgt Ion:167 Resp: 555633
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.6 26.4
 139 12.1 9.9 14.9



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 40.78 ng

RT: 13.52 min Scan# 1106

Delta R.T. -0.00 min

Lab File: BF077674.D

Acq: 10 Mar 2015 21:29

Instrument :

BNA_F

ClientSampleId :

PB82055BS

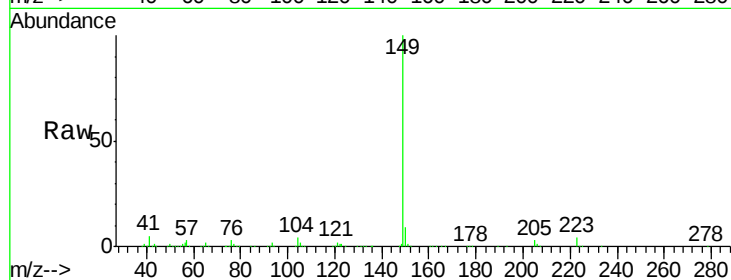
Tgt Ion:149 Resp: 602888

Ion Ratio Lower Upper

149 100

150 8.9 7.8 11.8

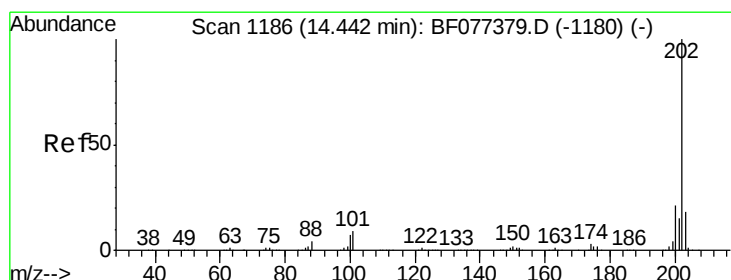
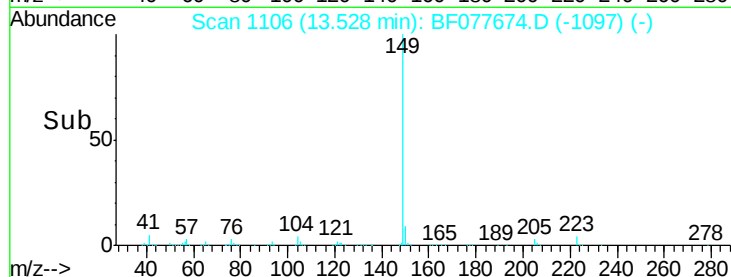
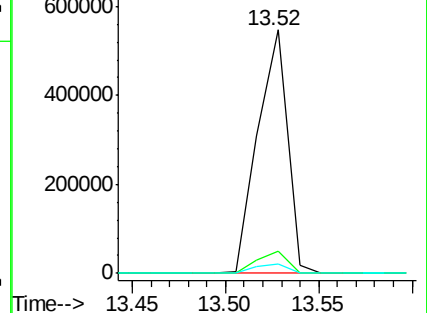
104 4.1 4.1 6.1



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: 42.00 ng

RT: 14.27 min Scan# 1171

Delta R.T. -0.00 min

Lab File: BF077674.D

Acq: 10 Mar 2015 21:29

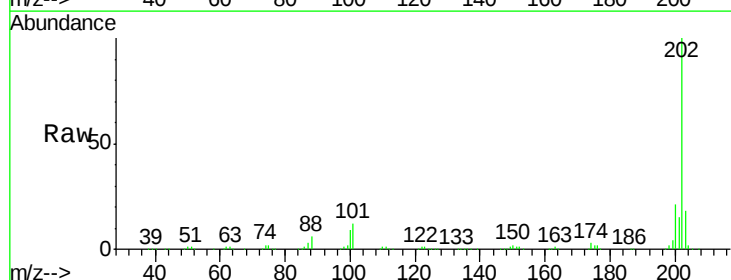
Tgt Ion:202 Resp: 612191

Ion Ratio Lower Upper

202 100

101 12.0 0.0 30.8

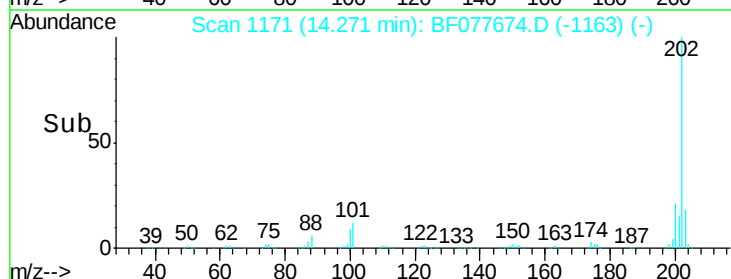
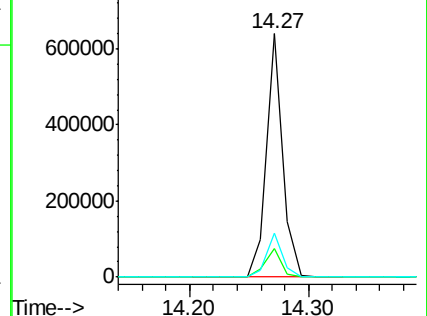
203 18.1 0.0 37.7

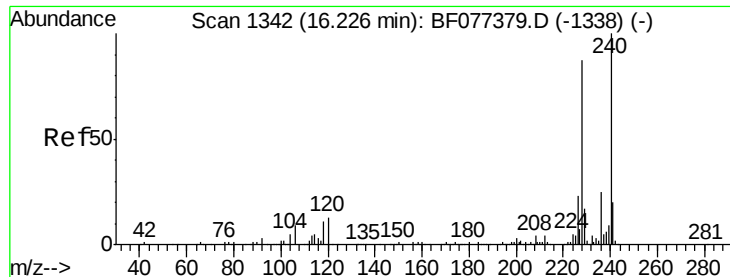


Abundance Ion 202.00 (201.70 to 202.70): E

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: 16.06 min Scan# 1328

Delta R.T. -0.02 min

Lab File: BF077674.D

Acq: 10 Mar 2015 21:29

Instrument :

BNA_F

ClientSampleId :

PB82055BS

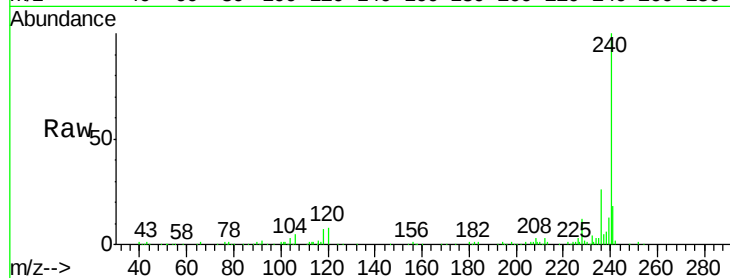
Tgt Ion:240 Resp: 250871

Ion Ratio Lower Upper

240 100

120 7.9 8.8 13.2#

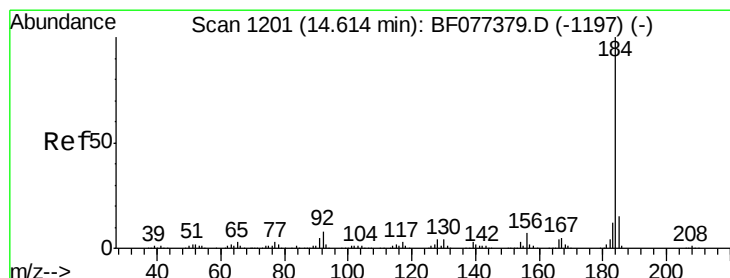
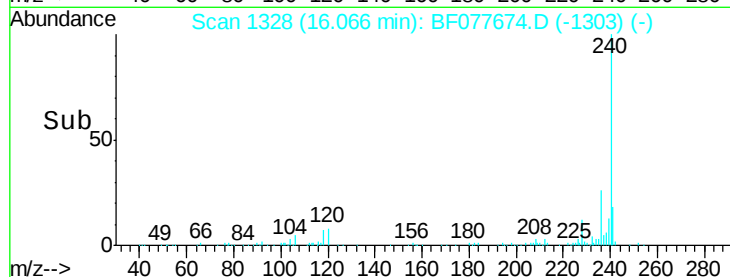
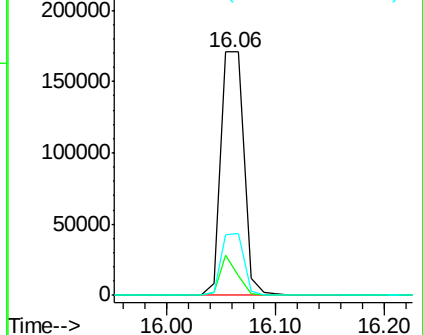
236 25.6 20.7 31.1



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: 30.29 ng

RT: 14.46 min Scan# 1187

Delta R.T. -0.01 min

Lab File: BF077674.D

Acq: 10 Mar 2015 21:29

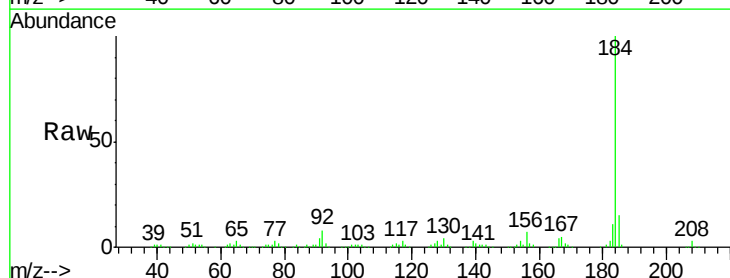
Tgt Ion:184 Resp: 256771

Ion Ratio Lower Upper

184 100

185 14.8 12.6 18.8

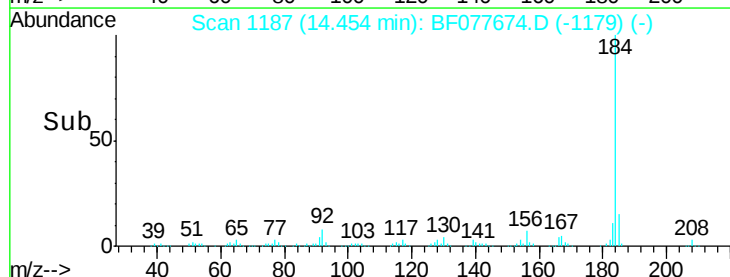
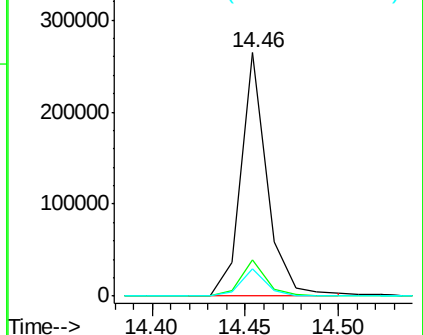
183 11.1 9.3 13.9

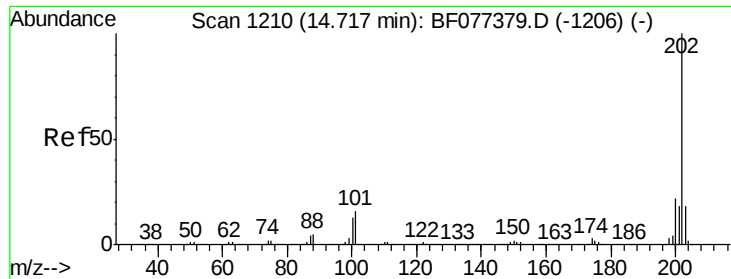


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

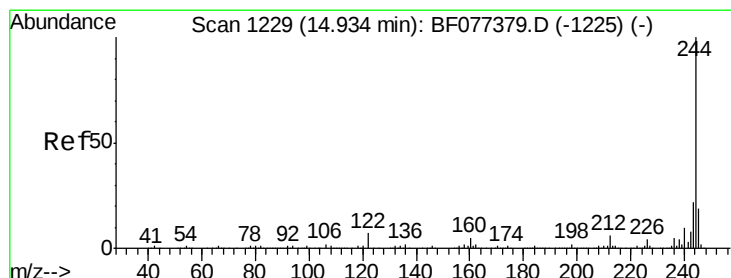
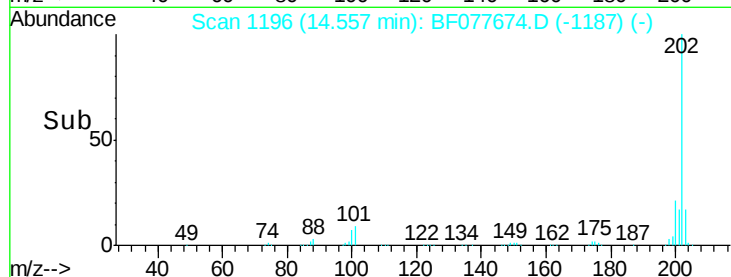
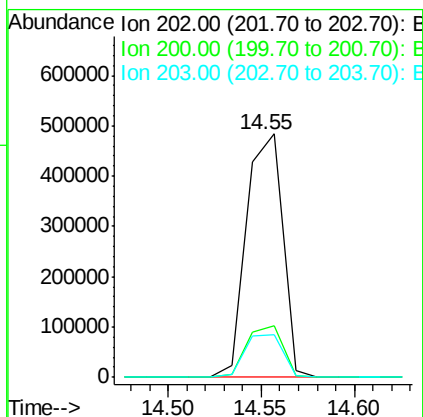
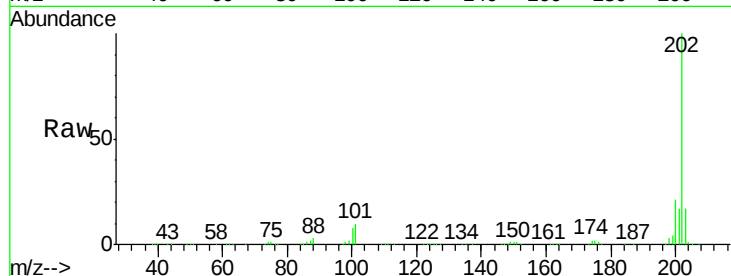




#77
 Pyrene
 Concen: 42.55 ng
 RT: 14.55 min Scan# 1196
 Delta R.T. -0.00 min
 Lab File: BF077674.D
 Acq: 10 Mar 2015 21:29

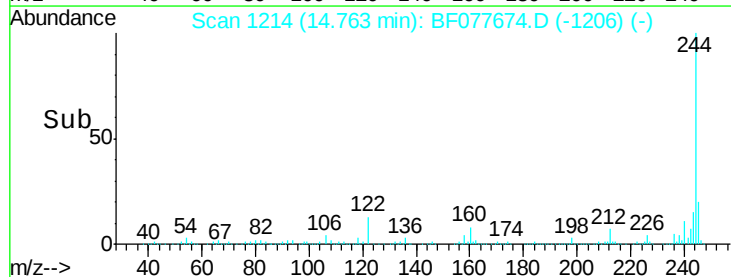
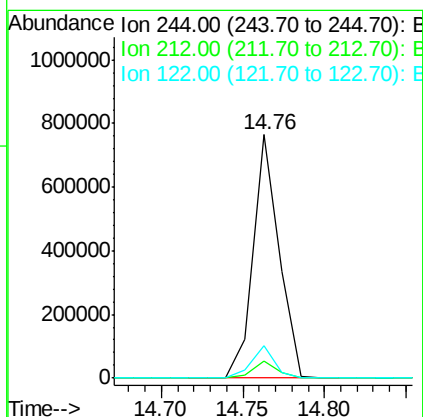
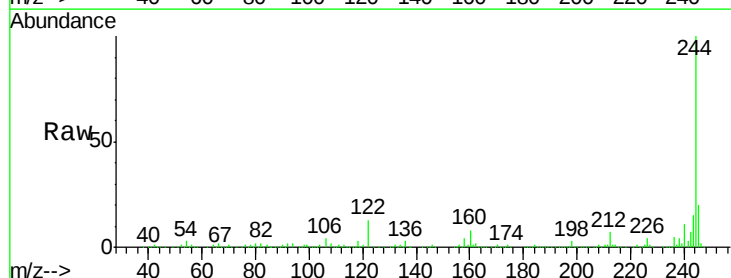
Instrument :
 BNA_F
 ClientSampleId :
 PB82055BS

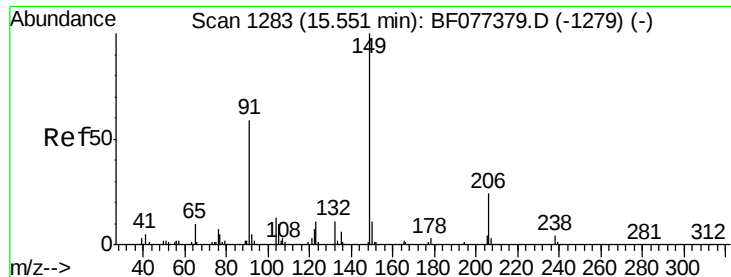
Tgt Ion: 202 Resp: 653034
 Ion Ratio Lower Upper
 202 100
 200 21.1 17.1 25.7
 203 17.4 14.2 21.2



#78
 Terphenyl-d14
 Concen: 78.51 ng
 RT: 14.76 min Scan# 1214
 Delta R.T. -0.00 min
 Lab File: BF077674.D
 Acq: 10 Mar 2015 21:29

Tgt Ion: 244 Resp: 842514
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.2 7.8
 122 13.4 7.8 11.8#

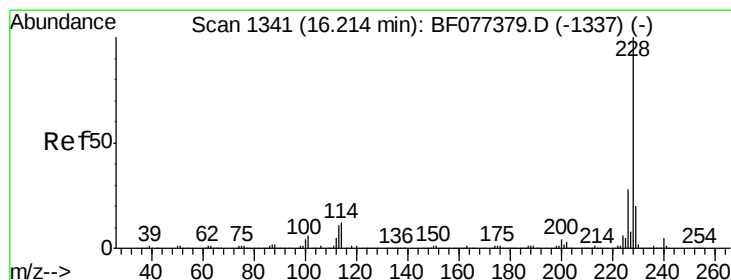
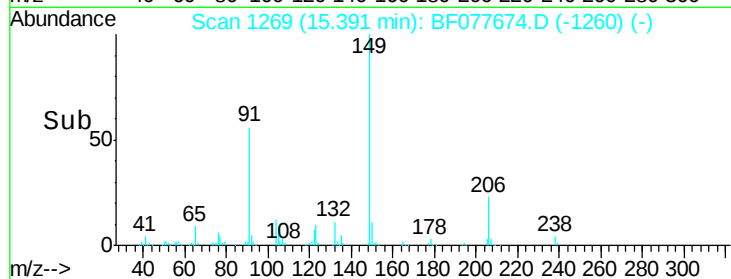
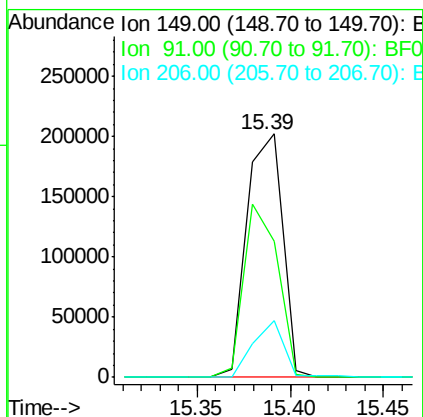
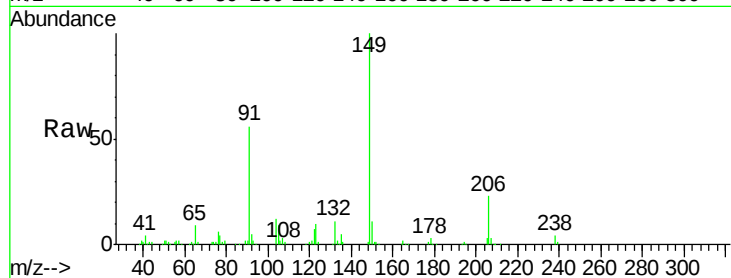




#79
Butylbenzylphthalate
Concen: 42.83 ng
RT: 15.39 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF077674.D
Acq: 10 Mar 2015 21:29

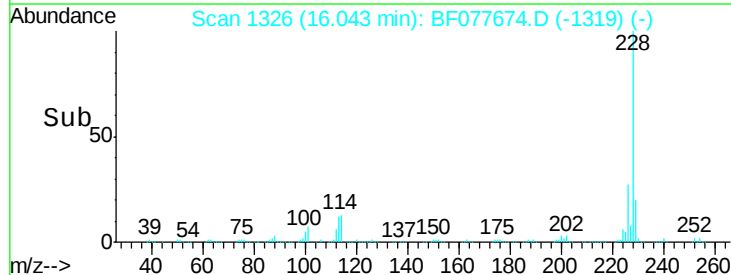
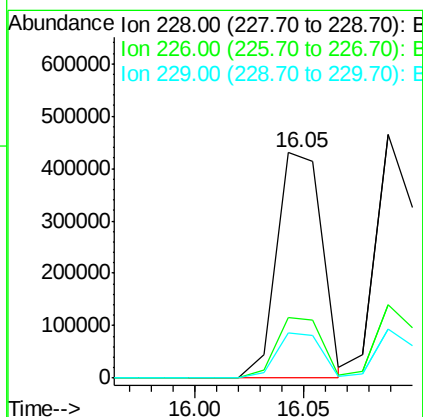
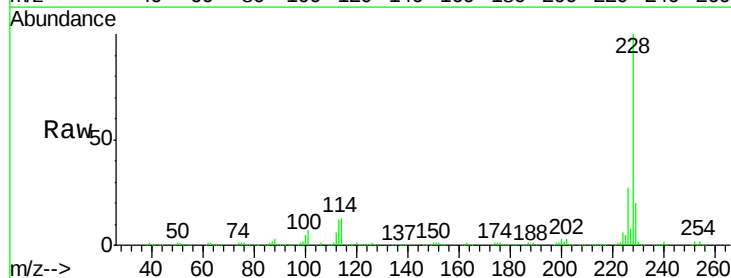
Instrument :
BNA_F
ClientSampleId :
PB82055BS

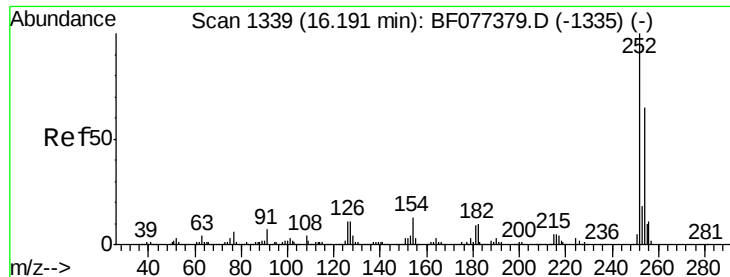
Tgt Ion:149 Resp: 270422
Ion Ratio Lower Upper
149 100
91 55.8 51.2 76.8
206 23.4 17.8 26.8



#80
Benzo(a)anthracene
Concen: 42.52 ng
RT: 16.05 min Scan# 1326
Delta R.T. -0.02 min
Lab File: BF077674.D
Acq: 10 Mar 2015 21:29

Tgt Ion:228 Resp: 625208
Ion Ratio Lower Upper
228 100
226 27.0 22.0 33.0
229 20.1 15.8 23.8

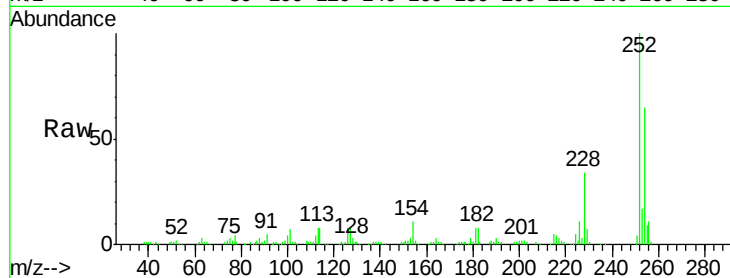




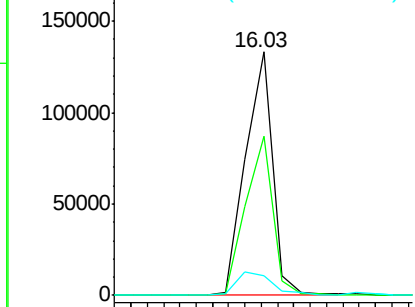
#81
 3,3'-Dichlorobenzidine
 Concen: 28.45 ng
 RT: 16.03 min Scan# 1325
 Delta R.T. -0.02 min
 Lab File: BF077674.D
 Acq: 10 Mar 2015 21:29

Instrument :
 BNA_F
 ClientSampleId :
 PB82055BS

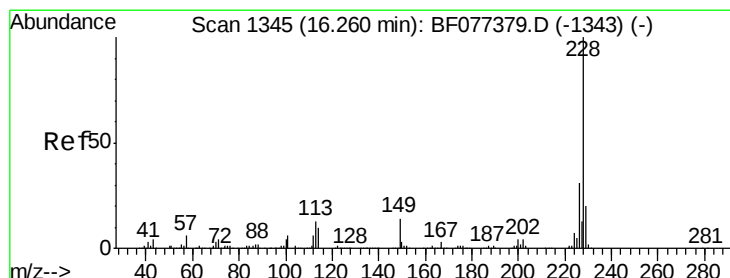
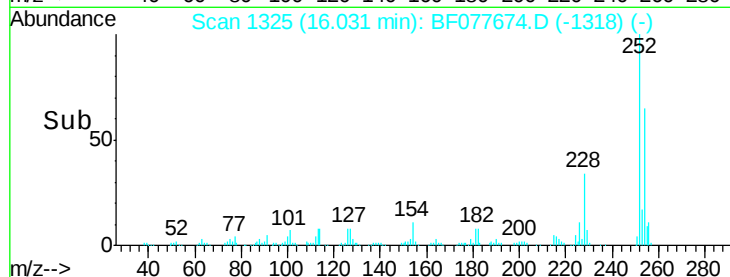
Tgt Ion:252 Resp: 153264
 Ion Ratio Lower Upper
 252 100
 254 65.4 52.9 79.3
 126 8.2 7.3 10.9



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

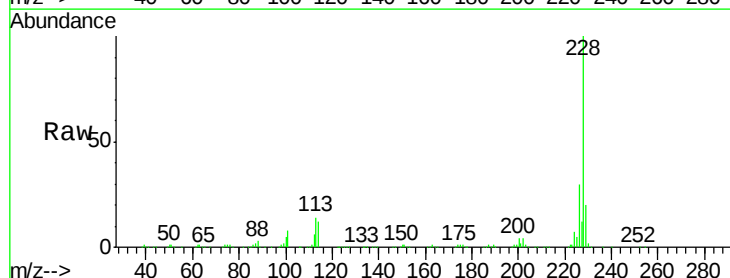


Time--> 15.95 16.00 16.05 16.10

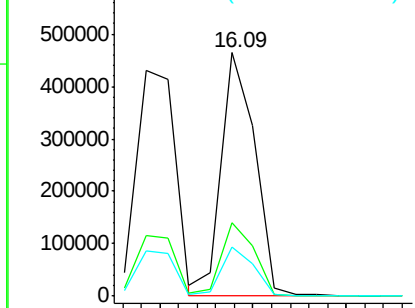


#82
 Chrysene
 Concen: 42.24 ng
 RT: 16.09 min Scan# 1330
 Delta R.T. -0.02 min
 Lab File: BF077674.D
 Acq: 10 Mar 2015 21:29

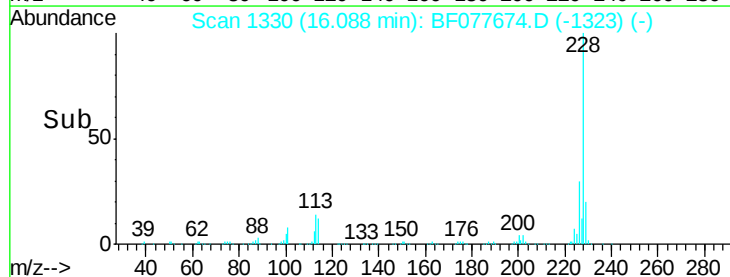
Tgt Ion:228 Resp: 583110
 Ion Ratio Lower Upper
 228 100
 226 30.1 24.9 37.3
 229 20.2 16.4 24.6

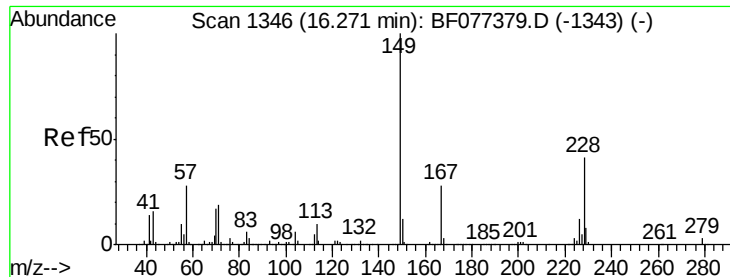


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E



Time--> 16.05 16.10 16.15





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.59 ng

RT: 16.11 min Scan# 1332

Delta R.T. -0.02 min

Lab File: BF077674.D

Acq: 10 Mar 2015 21:29

Instrument :

BNA_F

ClientSampleId :

PB82055BS

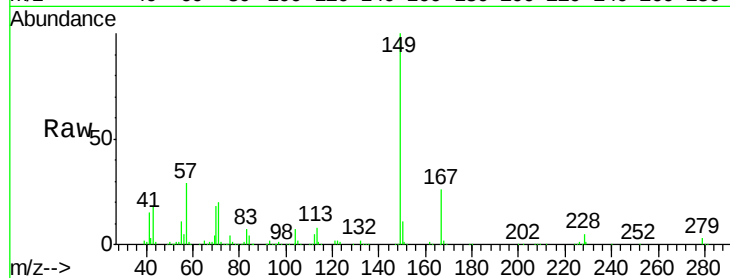
Tgt Ion:149 Resp: 380527

Ion Ratio Lower Upper

149 100

167 26.0 22.8 34.2

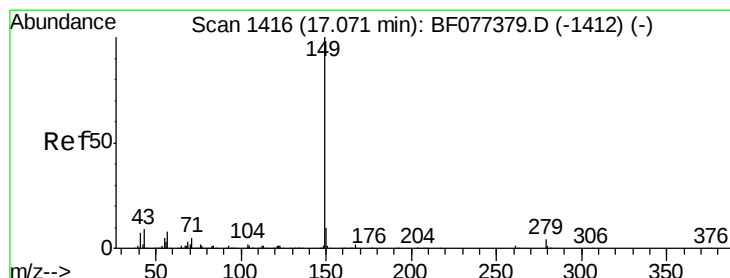
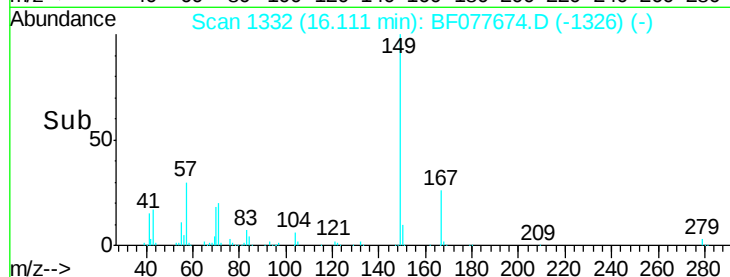
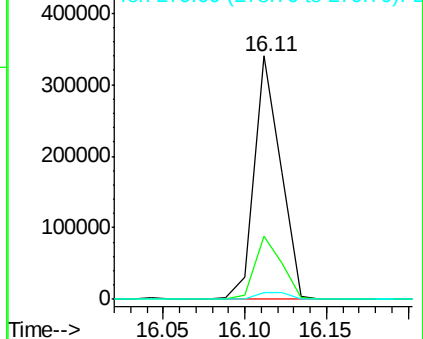
279 2.7 3.8 5.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 39.23 ng

RT: 16.92 min Scan# 1403

Delta R.T. -0.05 min

Lab File: BF077674.D

Acq: 10 Mar 2015 21:29

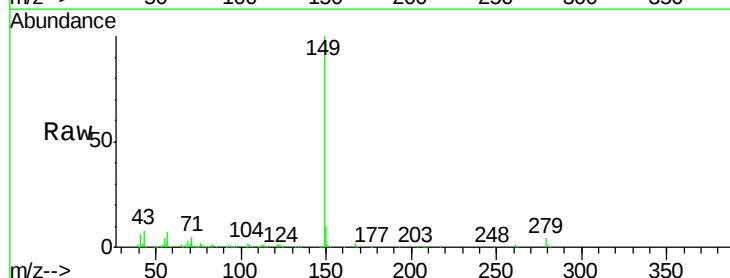
Tgt Ion:149 Resp: 663123

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

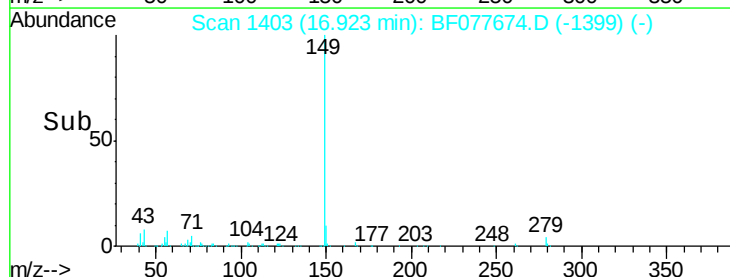
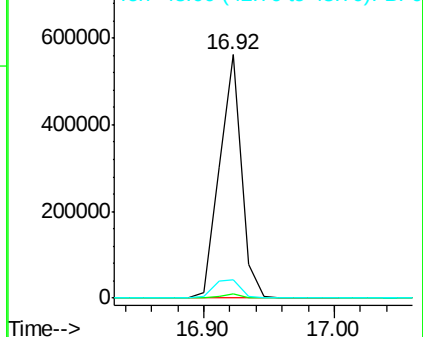
43 9.0 8.1 12.1

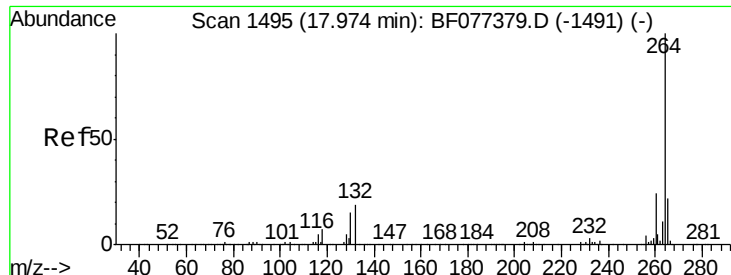


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

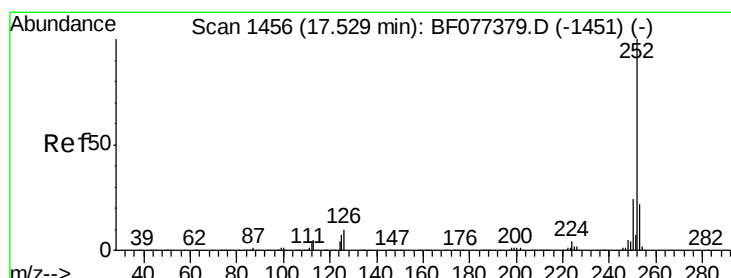
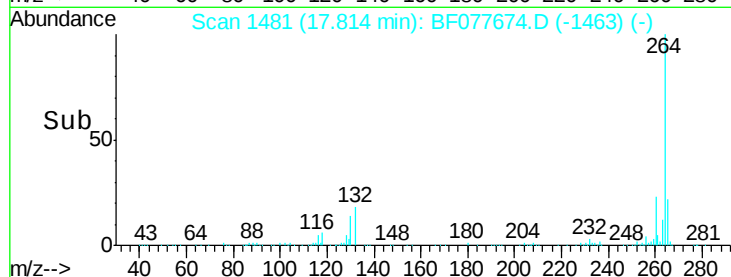
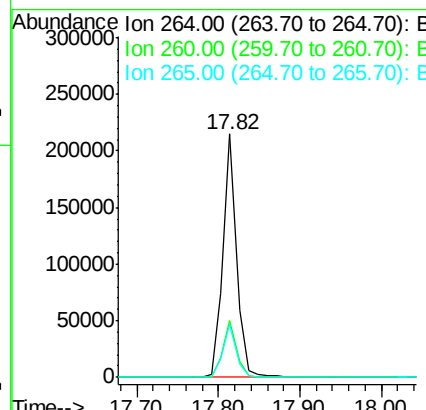
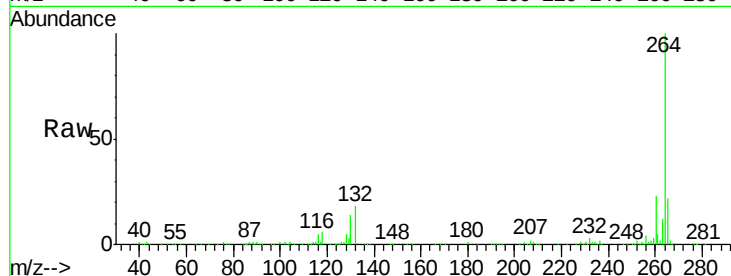




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.82 min Scan# 1481
Delta R.T. -0.09 min
Lab File: BF077674.D
Acq: 10 Mar 2015 21:29

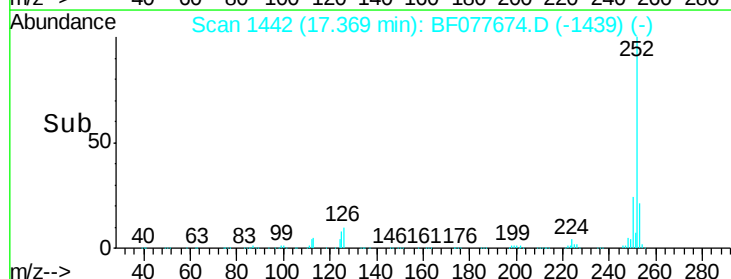
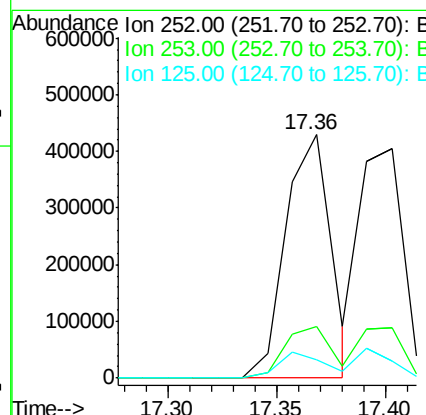
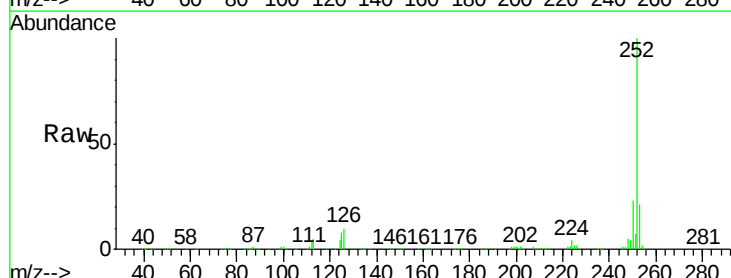
Instrument :
BNA_F
ClientSampleId :
PB82055BS

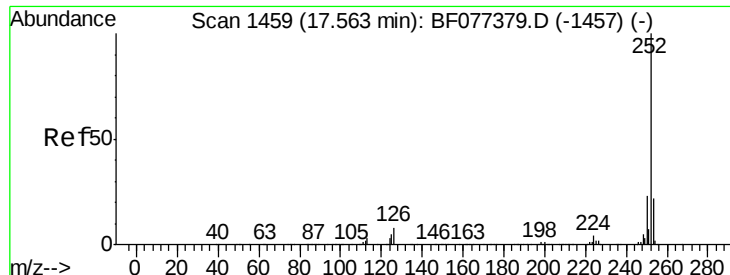
Tgt Ion: 264 Resp: 250077
Ion Ratio Lower Upper
264 100
260 23.5 19.3 28.9
265 21.6 16.8 25.2



#87
Benzo(b)fluoranthene
Concen: 42.91 ng
RT: 17.36 min Scan# 1442
Delta R.T. -0.07 min
Lab File: BF077674.D
Acq: 10 Mar 2015 21:29

Tgt Ion: 252 Resp: 623987
Ion Ratio Lower Upper
252 100
253 21.2 17.6 26.4
125 7.8 5.4 8.2

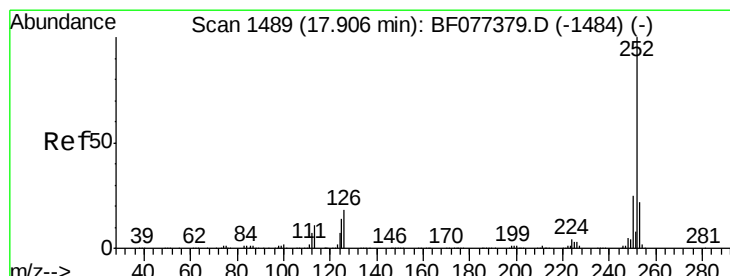
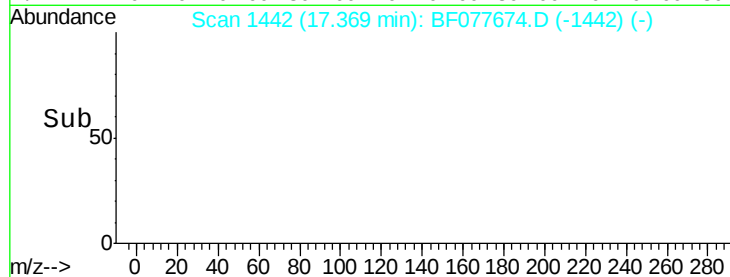
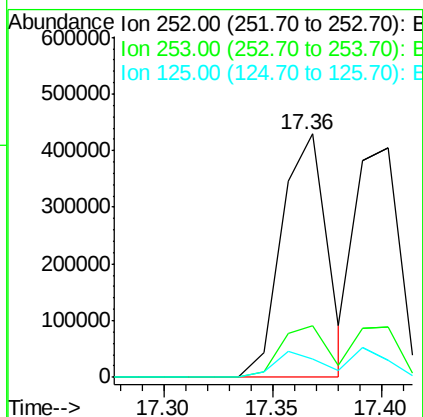
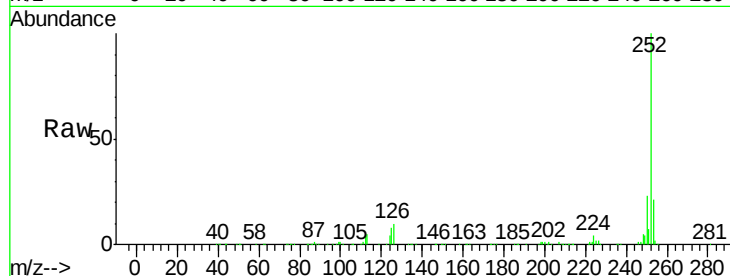




#88
Benzo(k)fluoranthene
Concen: 43.78 ng
RT: 17.36 min Scan# 1442
Delta R.T. -0.10 min
Lab File: BF077674.D
Acq: 10 Mar 2015 21:29

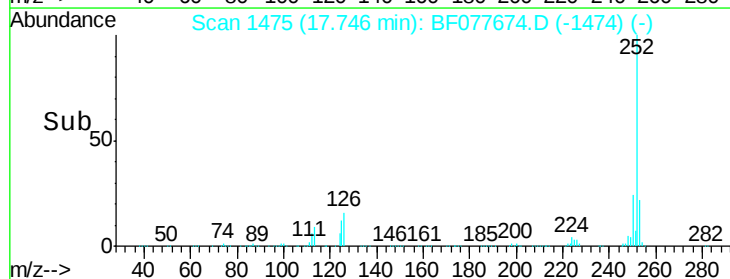
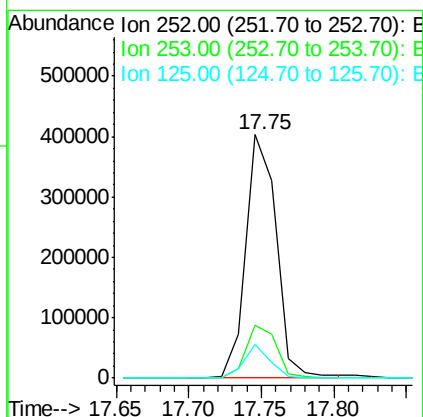
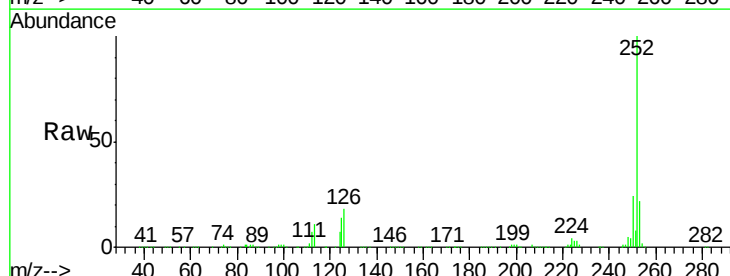
Instrument :
BNA_F
ClientSampleId :
PB82055BS

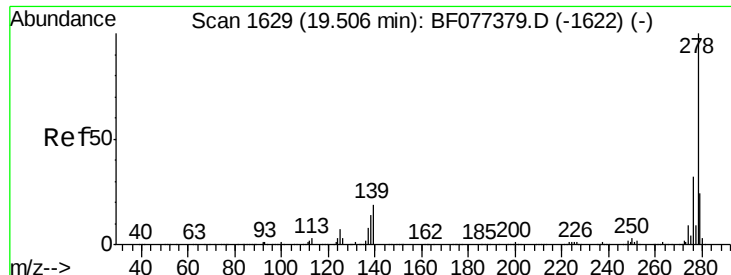
Tgt Ion:252 Resp: 623987
Ion Ratio Lower Upper
252 100
253 21.2 18.1 27.1
125 7.8 10.1 15.1#



#89
Benzo(a)pyrene
Concen: 42.39 ng
RT: 17.75 min Scan# 1475
Delta R.T. -0.09 min
Lab File: BF077674.D
Acq: 10 Mar 2015 21:29

Tgt Ion:252 Resp: 587116
Ion Ratio Lower Upper
252 100
253 21.8 18.2 27.2
125 13.7 8.3 12.5#



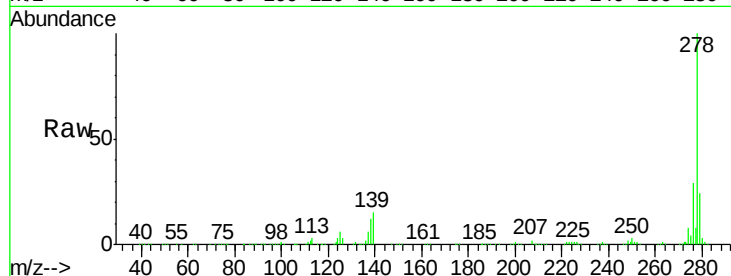


#90
Dibenzo(a,h)anthracene
Concen: 43.03 ng
RT: 19.25 min Scan# 1607
Delta R.T. -0.11 min
Lab File: BF077674.D
Acq: 10 Mar 2015 21:29

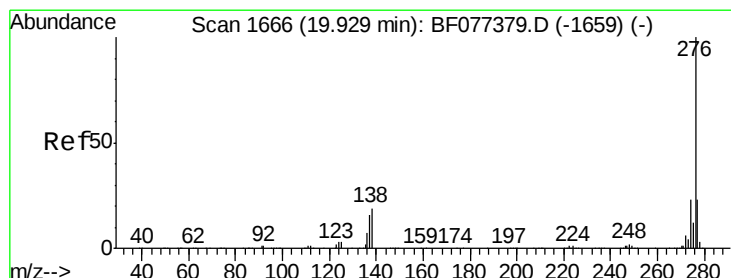
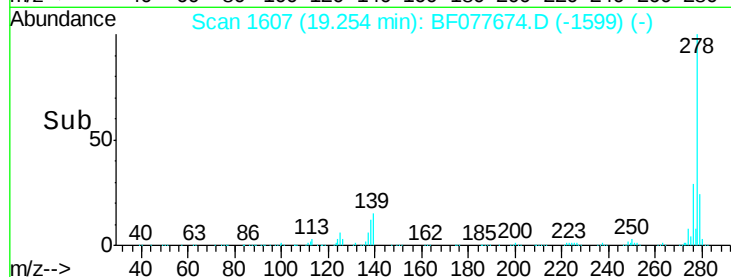
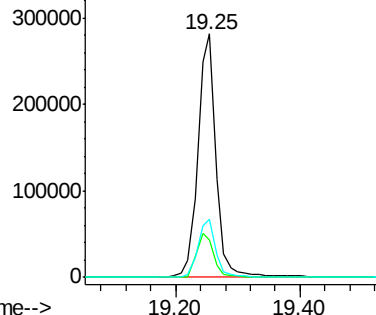
Instrument :
BNA_F
ClientSampleId :
PB82055BS

Tgt Ion: 278 Resp: 568420

Ion	Ratio	Lower	Upper
278	100		
139	15.5	14.3	21.5
279	24.0	19.0	28.6



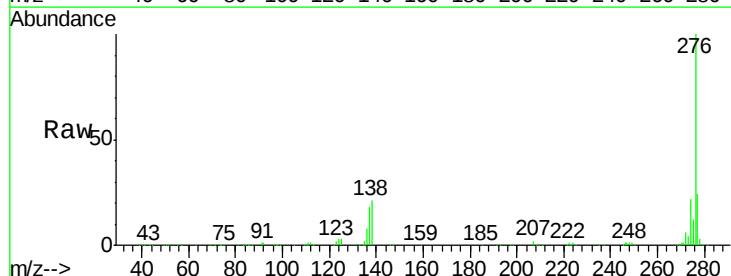
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 42.84 ng
RT: 19.64 min Scan# 1641
Delta R.T. -0.11 min
Lab File: BF077674.D
Acq: 10 Mar 2015 21:29

Tgt Ion: 276 Resp: 571099

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.9	28.3
138	20.9	20.5	30.7



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

