

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030915\
 Data File : BF077642.D
 Acq On : 9 Mar 2015 17:09
 Operator : TP/IZ
 Sample : PB82019BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82019BS

Quant Time: Mar 10 01:22:34 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 10 00:35:08 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.19	152	55533	20.00	ng	0.00
21) Naphthalene-d8	8.77	136	230687	20.00	ng	0.00
38) Acenaphthene-d10	10.94	164	115077	20.00	ng	0.00
63) Phenanthrene-d10	12.78	188	226247	20.00	ng	0.00
75) Chrysene-d12	16.06	240	252080	20.00	ng	0.00
86) Perylene-d12	17.80	264	249755	20.00	ng	0.07

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	273646	82.26	ng	0.00
7) Phenol-d6	6.76	99	339451	79.37	ng	0.00
23) Nitrobenzene-d5	7.88	82	249374	67.22	ng	0.00
41) 2,4,6-Tribromophenol	11.92	330	89076	80.39	ng	0.00
44) 2-Fluorobiphenyl	10.12	172	540083	73.18	ng	0.00
78) Terphenyl-d14	14.77	244	700777	64.99	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.11	88	48915	34.65	ng	99
3) Pyridine	2.84	79	152152	37.68	ng	96
4) n-Nitrosodimethylamine	2.74	42	70240	40.01	ng	92
6) Aniline	6.78	93	113557	19.21	ng	98
8) 2-Chlorophenol	6.92	128	162066	41.30	ng	94
9) Benzaldehyde	6.64	77	20254	7.80	ng	90
10) Phenol	6.77	94	206640	40.72	ng	83
11) bis(2-Chloroethyl)ether	6.88	93	139432	38.24	ng	98
12) 1,3-Dichlorobenzene	7.12	146	170415	39.88	ng	# 93
13) 1,4-Dichlorobenzene	7.21	146	166742	38.36	ng	96
14) 1,2-Dichlorobenzene	7.40	146	160432	38.80	ng	95
15) Benzyl Alcohol	7.38	79	132122	40.64	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.55	45	194999	37.41	ng	98
17) 2-Methylphenol	7.52	107	127229	41.48	ng	98
18) Hexachloroethane	7.81	117	57543	39.63	ng	# 85
19) n-Nitroso-di-n-propylamine	7.71	70	110292	40.61	ng	97
20) 3+4-Methylphenols	7.72	107	172846	42.79	ng	# 74
22) Acetophenone	7.70	105	215638	39.74	ng	# 89
24) Nitrobenzene	7.91	77	152454	39.06	ng	# 83
25) Isophorone	8.21	82	284995	38.72	ng	98
26) 2-Nitrophenol	8.30	139	76991	48.13	ng	91
27) 2,4-Dimethylphenol	8.37	122	142987	39.95	ng	96
28) bis(2-Chloroethoxy)methane	8.49	93	176370	37.93	ng	99
29) 2,4-Dichlorophenol	8.60	162	136047	40.49	ng	98
30) 1,2,4-Trichlorobenzene	8.70	180	143054	38.73	ng	100
31) Naphthalene	8.80	128	463762	40.20	ng	99
32) Benzoic acid	8.47	122	77254	44.42	ng	95
33) 4-Chloroaniline	8.87	127	96381	18.79	ng	99
34) Hexachlorobutadiene	8.95	225	75335	35.73	ng	98
35) Caprolactam	9.30	113	43875	42.78	ng	# 79
36) 4-Chloro-3-methylphenol	9.48	107	142102	42.07	ng	92
37) 2-Methylnaphthalene	9.65	142	319776	39.03	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.86	216	139732	42.32	ng	98
40) Hexachlorocyclopentadiene	9.85	237	138339	78.13	ng	97

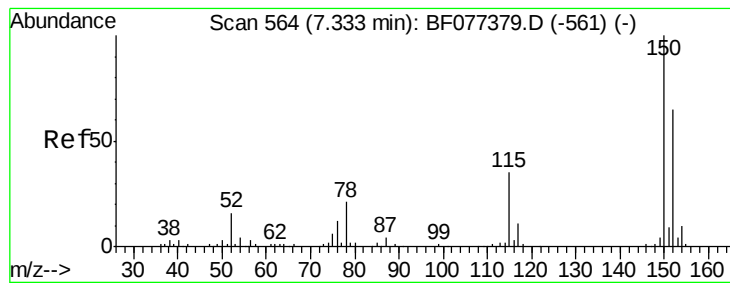
Data Path : Z:\HPCHEM1\BNA F\DATA\BF030915\
 Data File : BF077642.D
 Acq On : 9 Mar 2015 17:09
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.01	196	100079	45.77	nq	98
43) 2,4,5-Trichlorophenol	10.05	196	106209	45.42	nq	96
45) 1,1'-Biphenyl	10.24	154	382035	43.82	nq	98
46) 2-Chloronaphthalene	10.26	162	304947	44.60	nq	94
47) 2-Nitroaniline	10.39	65	86576	51.44	nq	91
48) Acenaphthylene	10.77	152	485095	44.82	nq	99
49) Dimethylphthalate	10.63	163	352217	43.54	nq	99
50) 2,6-Dinitrotoluene	10.70	165	75062	46.27	nq	# 53
51) Acenaphthene	10.98	154	279415	43.26	nq	99
52) 3-Nitroaniline	10.90	138	57659	30.83	nq	87
53) 2,4-Dinitrophenol	11.03	184	54666	110.75	nq	97
54) Dibenzofuran	11.20	168	433838	43.50	nq	98
55) 4-Nitrophenol	11.12	139	150823	100.26	nq	81
56) 2,4-Dinitrotoluene	11.19	165	107432	49.01	nq	# 92
57) Fluorene	11.62	166	358764	44.99	nq	99
58) 2,3,4,6-Tetrachlorophenol	11.35	232	84420	44.91	nq	95
59) Diethylphthalate	11.50	149	344814	43.24	nq	97
60) 4-Chlorophenyl-phenylether	11.63	204	163942	42.67	nq	95
61) 4-Nitroaniline	11.65	138	86254	48.12	nq	95
62) Azobenzene	11.82	77	338226	44.70	nq	99
64) 4,6-Dinitro-2-methylphenol	11.69	198	38654	43.22	nq	# 51
65) n-Nitrosodiphenylamine	11.78	169	314456	41.89	nq	99
66) 4-Bromophenyl-phenylether	12.24	248	97411	36.77	nq	95
67) Hexachlorobenzene	12.29	284	108388	38.12	nq	# 88
68) Atrazine	12.45	200	100103	41.02	nq	96
69) Pentachlorophenol	12.54	266	121718	81.44	nq	99
70) Phenanthrene	12.81	178	540600	41.23	nq	100
71) Anthracene	12.87	178	538684	41.40	nq	98
72) Carbazole	13.08	167	534055	43.16	nq	98
73) Di-n-butylphthalate	13.53	149	557319	38.36	nq	99
74) Fluoranthene	14.28	202	592736	41.38	nq	100
76) Benzidine	14.46	184	229102	26.90	nq	97
77) Pyrene	14.56	202	620974	40.27	nq	99
79) Butylbenzylphthalate	15.39	149	247179	38.96	nq	88
80) Benzo(a)anthracene	16.05	228	610084	41.29	nq	100
81) 3,3'-Dichlorobenzidine	16.03	252	133696	24.70	nq	98
82) Chrysene	16.10	228	560108	40.37	nq	97
83) Bis(2-ethylhexyl)phthalate	16.11	149	361198	35.51	nq	# 94
84) Di-n-octyl phthalate	16.91	149	610855	35.97	nq	98
85) Indeno(1,2,3-cd)pyrene	19.21	276	650914	41.15	nq	98
87) Benzo(b)fluoranthene	17.36	252	600985m	41.38	nq	
88) Benzo(k)fluoranthene	17.39	252	576842	40.53	nq	# 93
89) Benzo(a)pyrene	17.74	252	561013	40.56	nq	98
90) Dibenzo(a,h)anthracene	19.24	278	541432	41.04	nq	97
91) Benzo(g,h,i)perylene	19.63	276	548258	41.18	nq	99

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

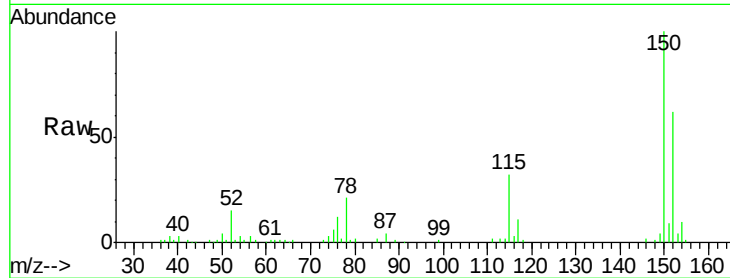


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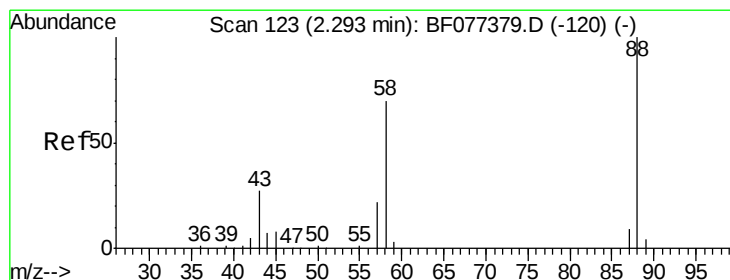
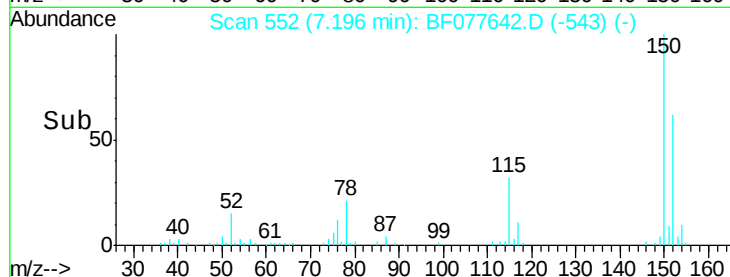
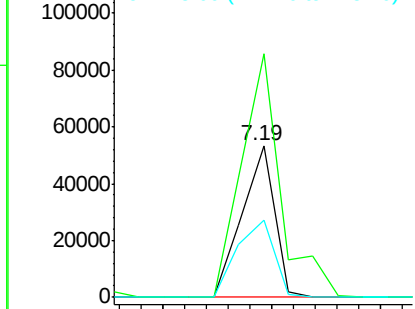
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.19 min Scan# 552
Delta R.T. -0.00 min
Lab File: BF077642.D
Acq: 9 Mar 2015 17:09

Instrument :
BNA_F
ClientSampleId :
PB82019BS

Tot Ion:152 Resp: 55533
Ion Ratio Lower Upper
152 100
150 160.5 124.0 186.0
115 51.3 49.4 74.2



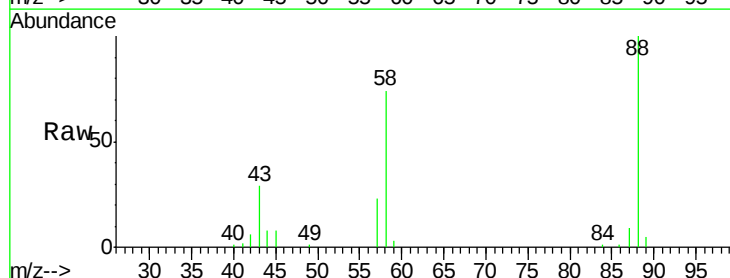
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



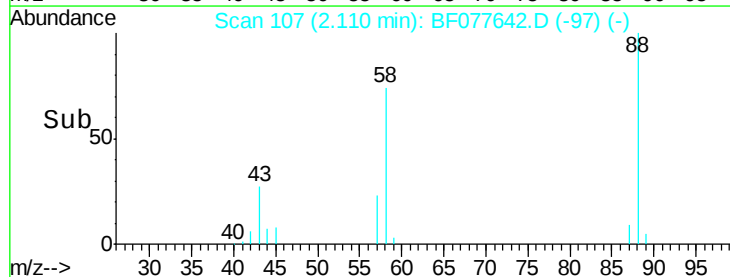
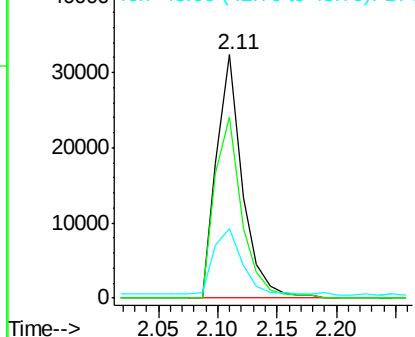
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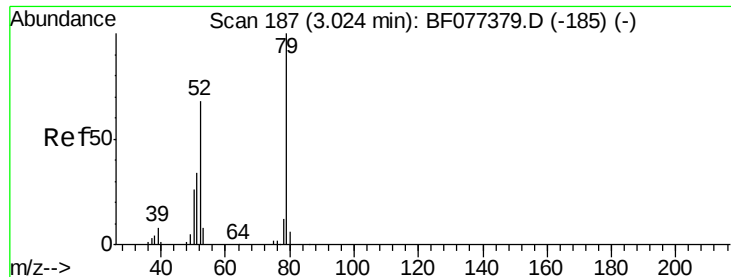
1,4-Dioxane
Concen: 34.65 ng
RT: 2.11 min Scan# 107
Delta R.T. 0.02 min
Lab File: BF077642.D
Acq: 9 Mar 2015 17:09

Tgt Ion: 88 Resp: 48915
Ion Ratio Lower Upper
88 100
58 78.2 62.1 93.1
43 30.6 24.0 36.0



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





#3

Pvridine

Concen: 37.68 ng

RT: 2.84 min Scan# 171

Delta R.T. 0.04 min

Lab File: BF077642.D

Acq: 9 Mar 2015 17:09

Instrument :

BNA_F

ClientSampleId :

PB82019BS

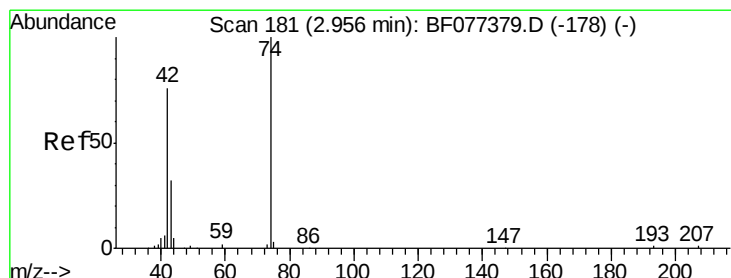
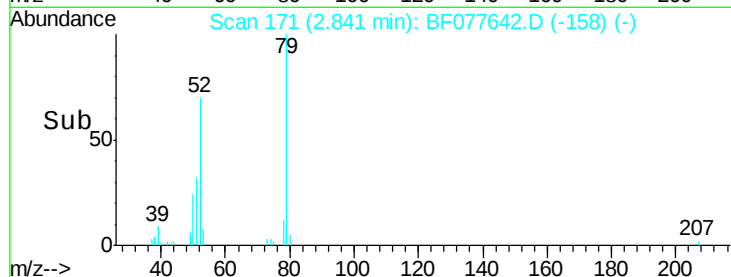
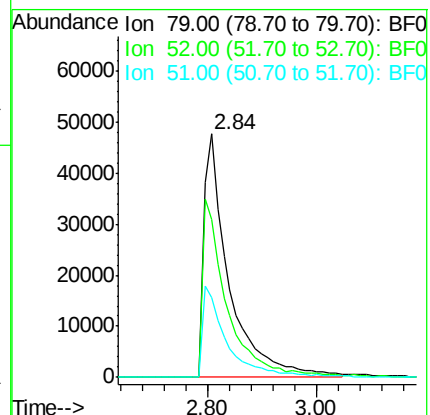
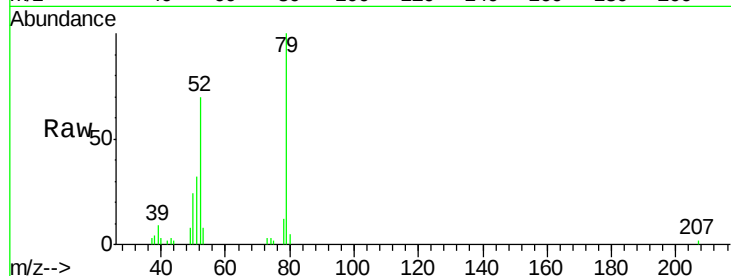
Tot Ion: 79 Resp: 152152

Ion Ratio Lower Upper

79 100

52 69.8 57.7 86.5

51 31.8 28.5 42.7



#4

n-Nitrosodimethylamine

Concen: 40.01 ng

RT: 2.74 min Scan# 162

Delta R.T. 0.02 min

Lab File: BF077642.D

Acq: 9 Mar 2015 17:09

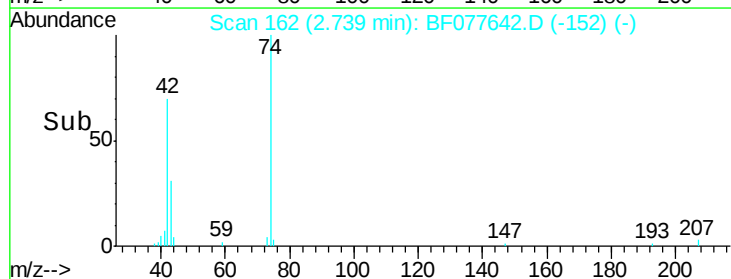
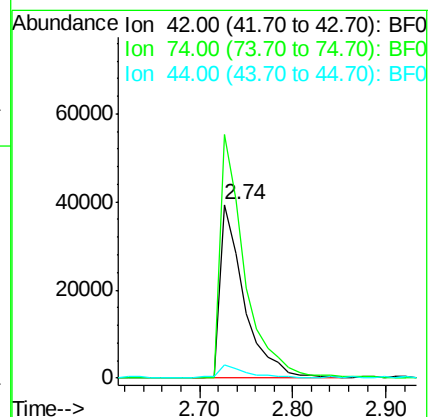
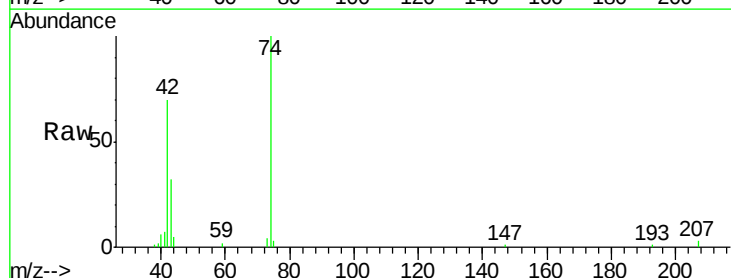
Tgt Ion: 42 Resp: 70240

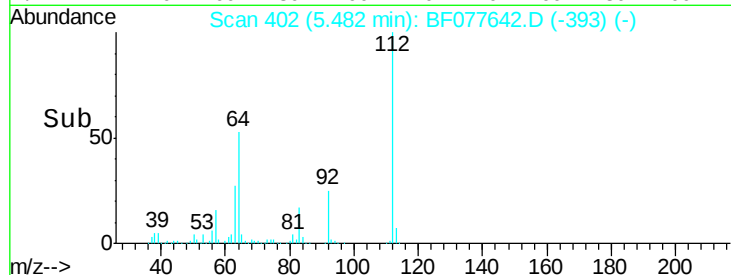
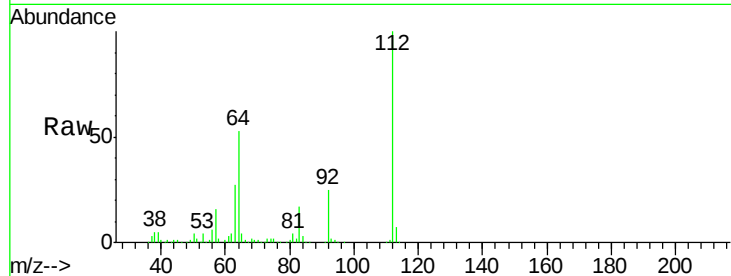
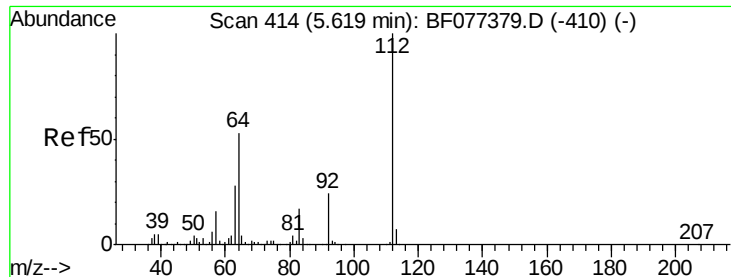
Ion Ratio Lower Upper

42 100

74 143.6 107.1 160.7

44 7.4 6.7 10.1

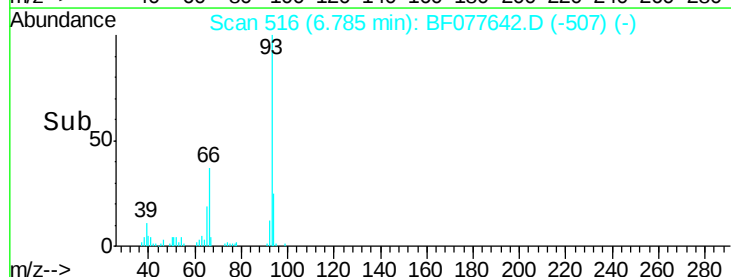
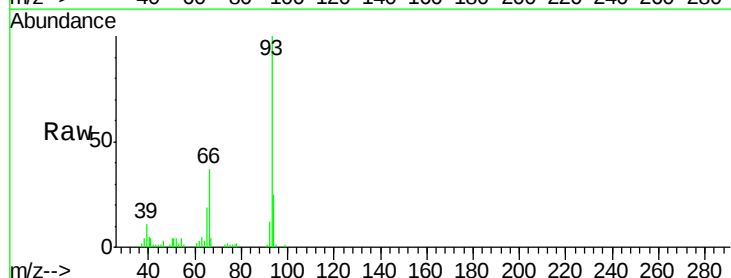
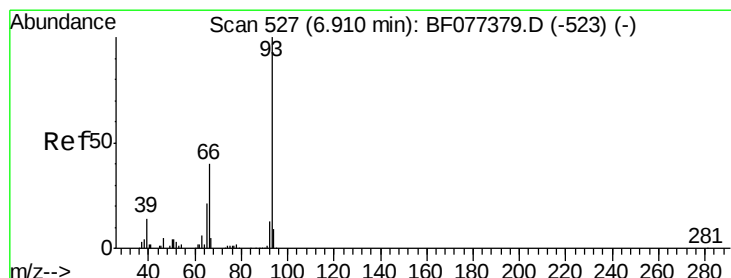
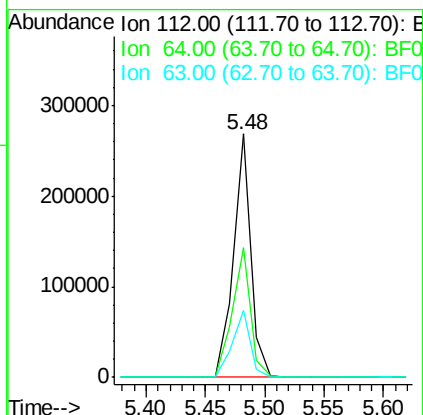




#5
2-Fluorophenol
Concen: 82.26 ng
RT: 5.48 min Scan# 402
Delta R.T. -0.00 min
Lab File: BF077642.D
Acq: 9 Mar 2015 17:09

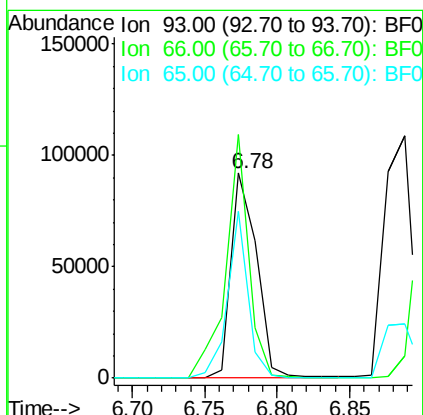
Tot Ion	Ratio	Lower	Upper
112	100		
64	53.4	48.5	72.7
63	27.5	25.0	37.4

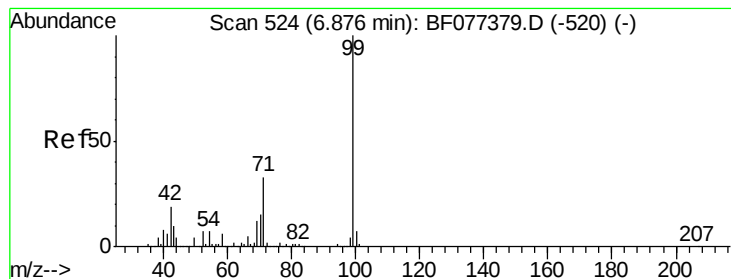
Instrument :
BNA_F
ClientSampleId :
PB82019BS



#6
Aniline
Concen: 19.21 ng
RT: 6.78 min Scan# 516
Delta R.T. -0.00 min
Lab File: BF077642.D
Acq: 9 Mar 2015 17:09

Tgt Ion	Ratio	Lower	Upper
93	100		
66	37.0	29.1	43.7
65	19.5	14.6	22.0





#7

Phenol-d6

Concen: 79.37 ng

RT: 6.76 min Scan# 513

Delta R.T. -0.00 min

Lab File: BF077642.D

Acq: 9 Mar 2015 17:09

Instrument :

BNA_F

ClientSampleId :

PB82019BS

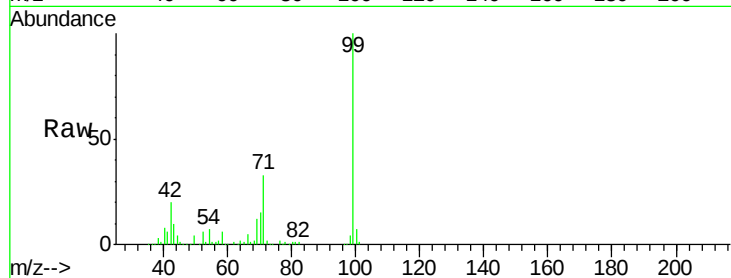
Tot Ion: 99 Resp: 339451

Ion Ratio Lower Upper

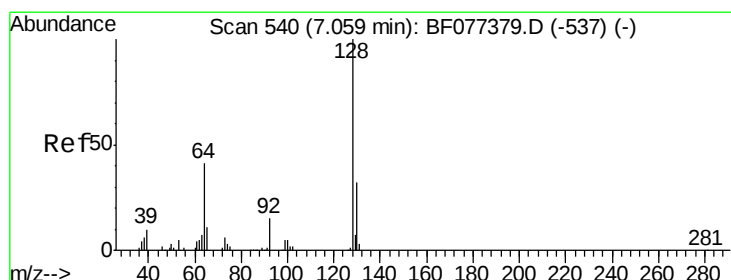
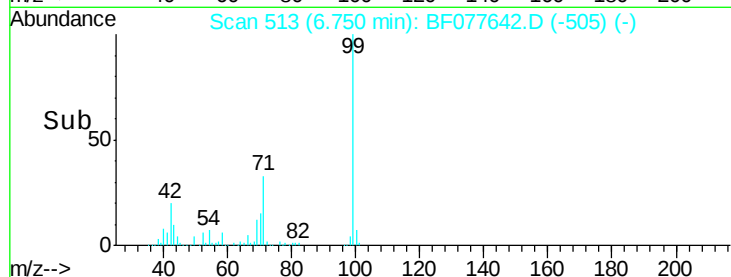
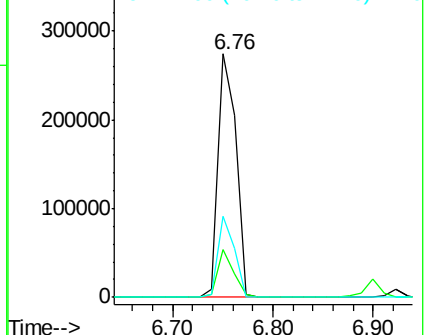
99 100

42 19.6 16.2 24.4

71 33.3 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: 41.30 ng

RT: 6.92 min Scan# 528

Delta R.T. -0.00 min

Lab File: BF077642.D

Acq: 9 Mar 2015 17:09

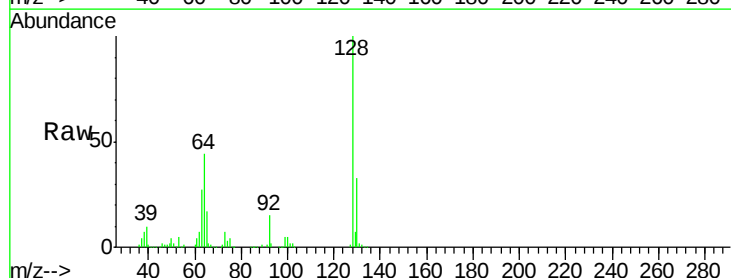
Tgt Ion: 128 Resp: 162066

Ion Ratio Lower Upper

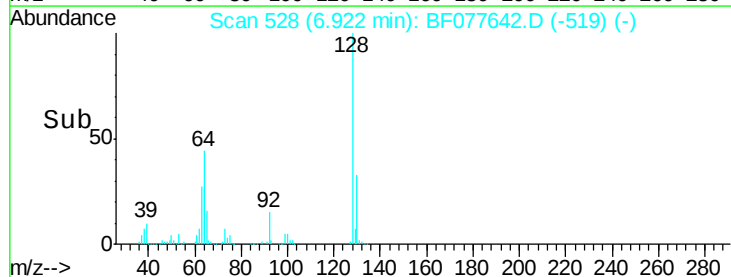
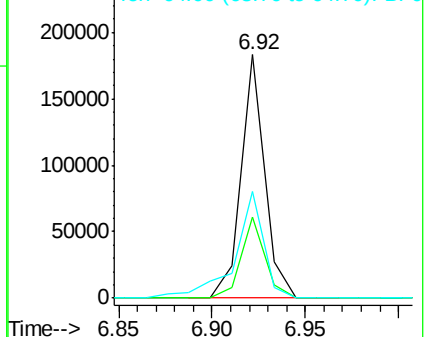
128 100

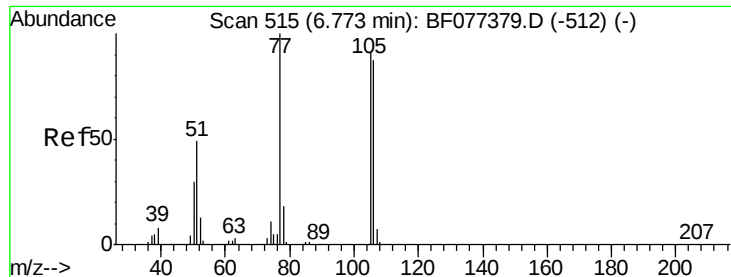
130 33.5 12.0 52.0

64 44.0 29.2 69.2



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





#9

Benzaldehyde

Concen: 7.80 ng

RT: 6.64 min Scan# 503

Delta R.T. -0.00 min

Lab File: BF077642.D

Acq: 9 Mar 2015 17:09

Instrument :

BNA_F

ClientSampleID :

PB82019BS

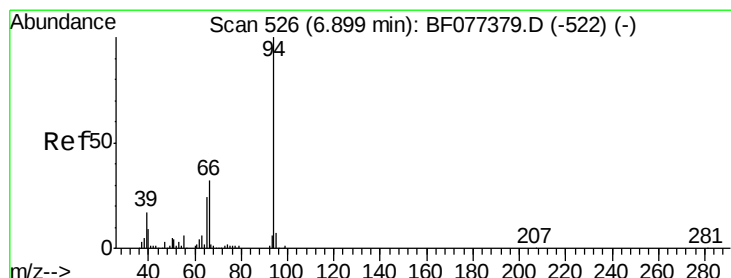
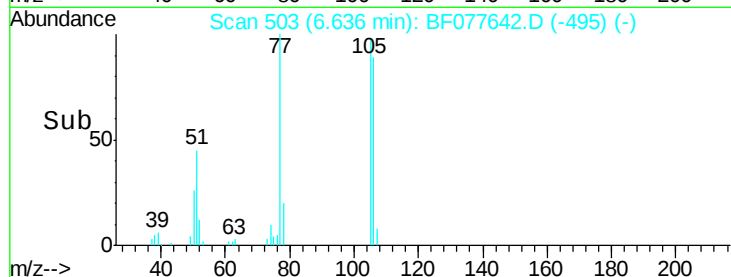
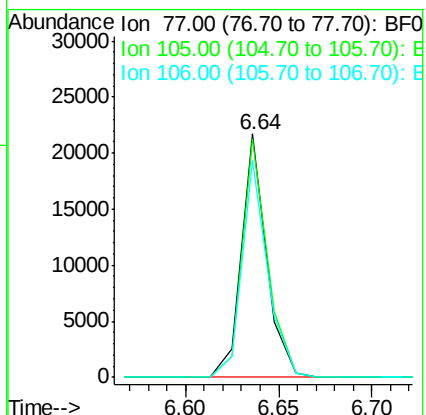
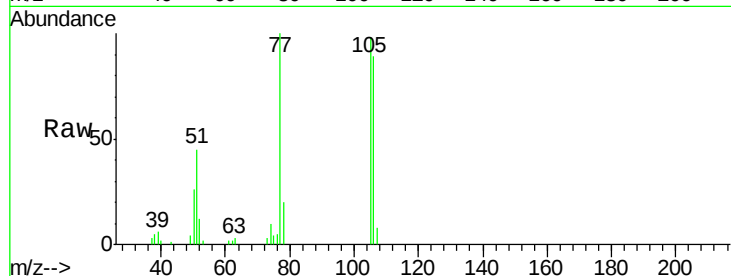
Tot Ion: 77 Resp: 20254

Ion Ratio Lower Upper

77 100

105 98.2 85.9 125.9

106 89.2 82.9 122.9



#10

Phenol

Concen: 40.72 ng

RT: 6.77 min Scan# 515

Delta R.T. -0.00 min

Lab File: BF077642.D

Acq: 9 Mar 2015 17:09

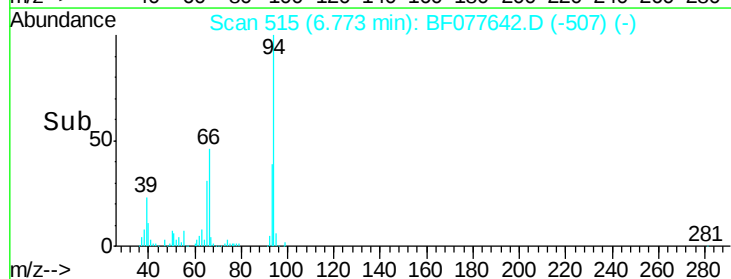
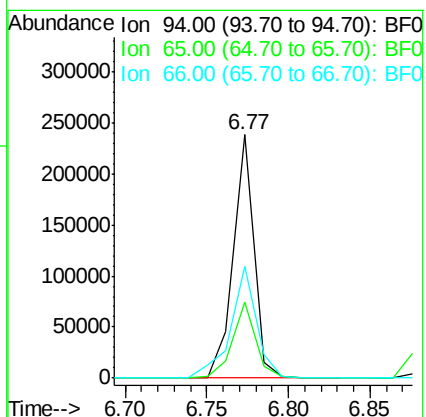
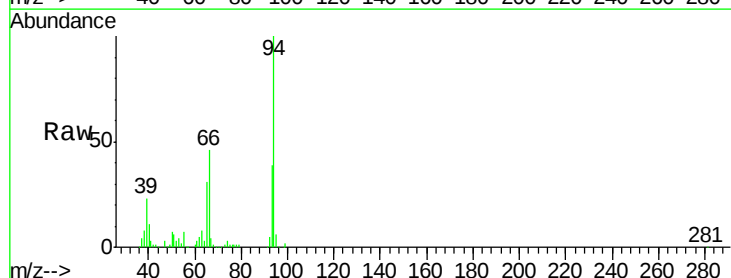
Tgt Ion: 94 Resp: 206640

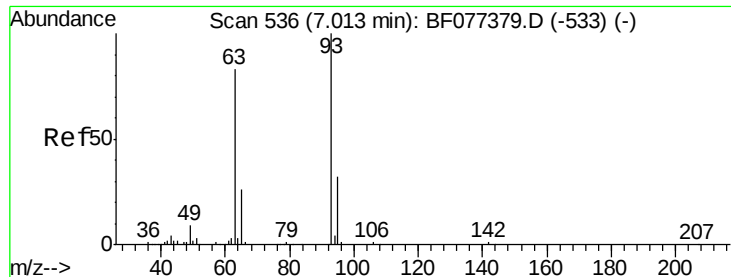
Ion Ratio Lower Upper

94 100

65 31.4 5.7 45.7

66 45.9 13.6 53.6





#11

bis(2-Chloroethyl)ether

Concen: 38.24 ng

RT: 6.88 min Scan# 525

Delta R.T. -0.00 min

Lab File: BF077642.D

Acq: 9 Mar 2015 17:09

Instrument :

BNA_F

ClientSampleId :

PB82019BS

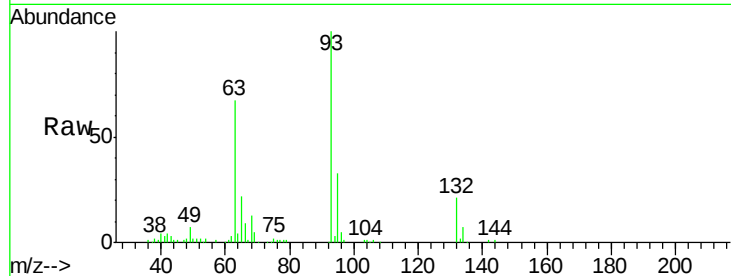
Tot Ion: 93 Resp: 139432

Ion Ratio Lower Upper

93 100

63 67.2 48.7 88.7

95 32.7 13.6 53.6



Abundance Ion 93.00 (92.70 to 93.70): BF077379.D (-533) (-)

Ion 63.00 (62.70 to 63.70): BF077379.D (-533) (-)

Ion 95.00 (94.70 to 95.70): BF077379.D (-533) (-)

6.88

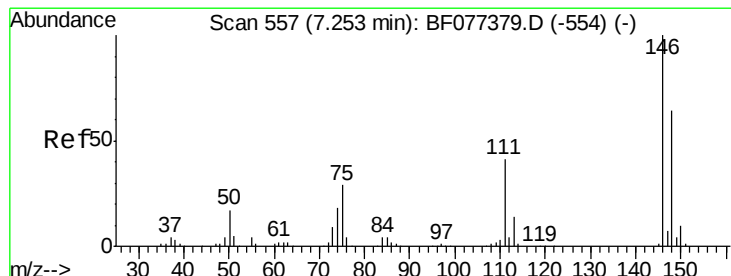
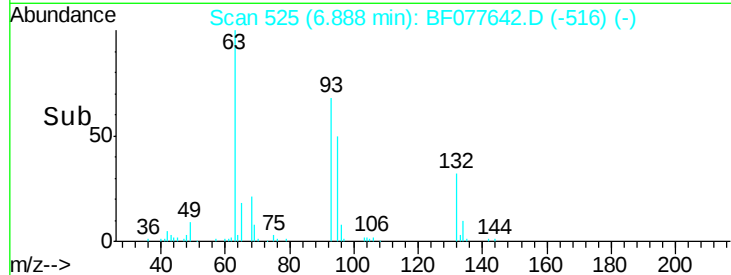
100000

50000

0

6.85 6.90

Time-->



#12

1,3-Dichlorobenzene

Concen: 39.88 ng

RT: 7.12 min Scan# 545

Delta R.T. -0.00 min

Lab File: BF077642.D

Acq: 9 Mar 2015 17:09

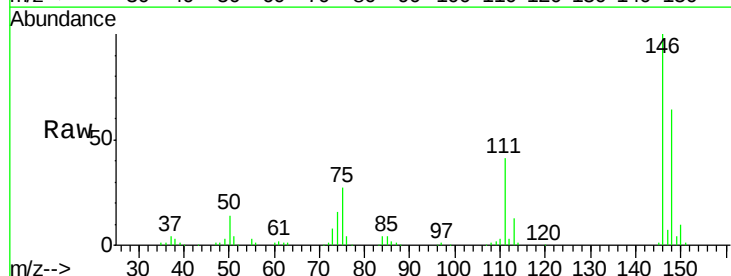
Tgt Ion: 146 Resp: 170415

Ion Ratio Lower Upper

146 100

148 64.4 49.8 74.8

75 27.3 28.2 42.4#



Abundance Ion 146.00 (145.70 to 146.70): BF077379.D (-554) (-)

Ion 148.00 (147.70 to 148.70): BF077379.D (-554) (-)

Ion 75.00 (74.70 to 75.70): BF077379.D (-554) (-)

7.12

250000

200000

150000

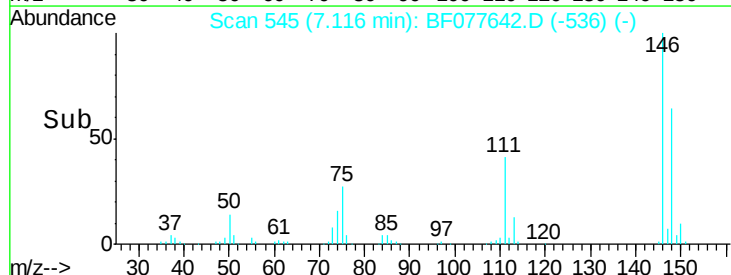
100000

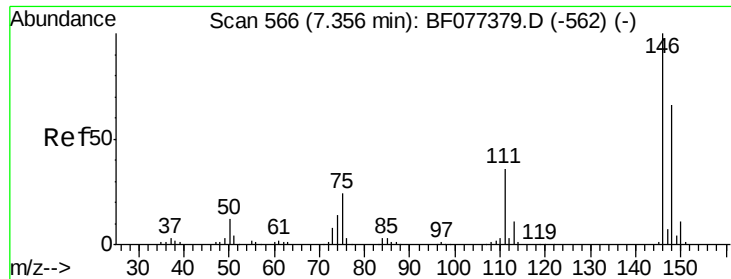
50000

0

7.05 7.10 7.15

Time-->

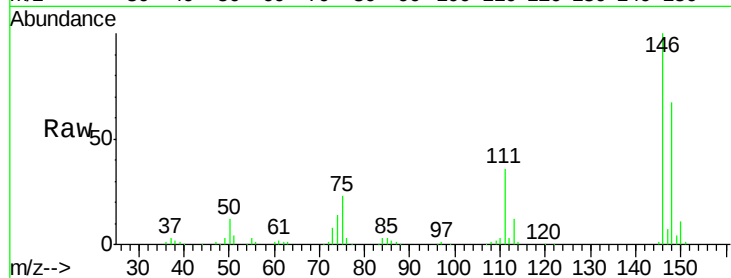




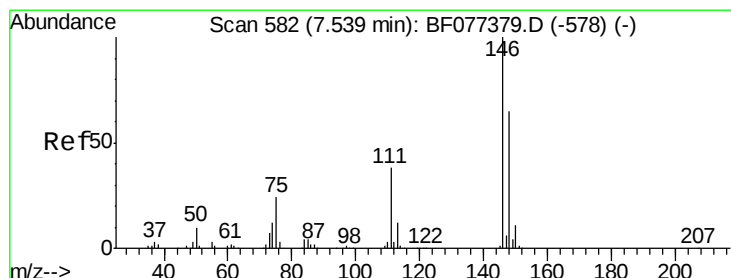
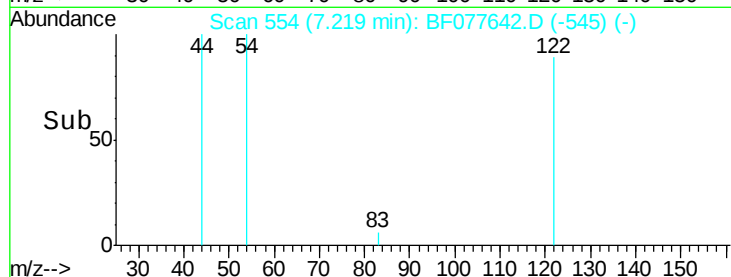
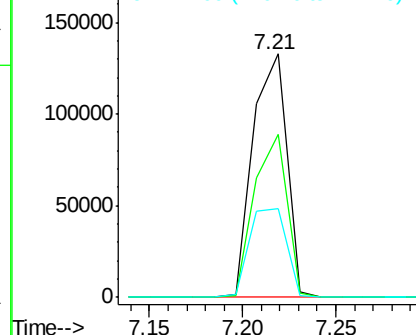
#13
1,4-Dichlorobenzene
Concen: 38.36 ng
RT: 7.21 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF077642.D
Acq: 9 Mar 2015 17:09

Instrument :
BNA_F
ClientSampleId :
PB82019BS

Tot Ion:146 Resp: 166742
Ion Ratio Lower Upper
146 100
148 67.1 52.0 78.0
111 36.4 31.9 47.9

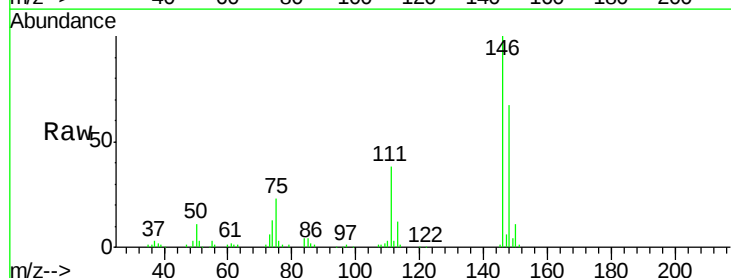


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

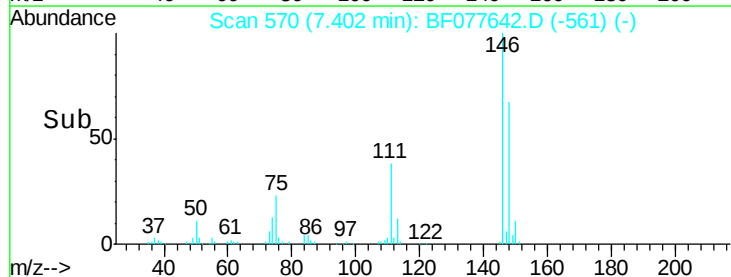
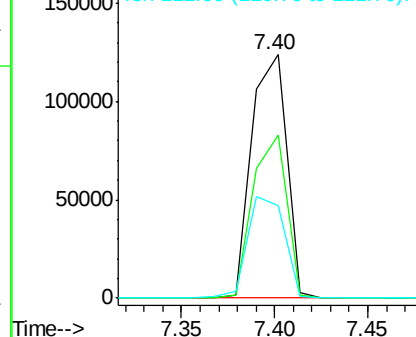


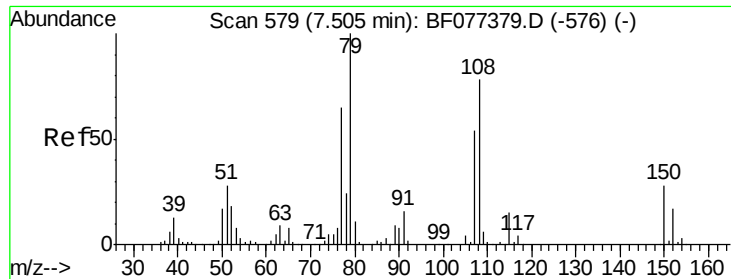
#14
1,2-Dichlorobenzene
Concen: 38.80 ng
RT: 7.40 min Scan# 570
Delta R.T. -0.00 min
Lab File: BF077642.D
Acq: 9 Mar 2015 17:09

Tgt Ion:146 Resp: 160432
Ion Ratio Lower Upper
146 100
148 66.9 51.6 77.4
111 37.8 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: 40.64 ng

RT: 7.38 min Scan# 568

Delta R.T. -0.00 min

Lab File: BF077642.D

Acq: 9 Mar 2015 17:09

Instrument :

BNA_F

ClientSampleId :

PB82019BS

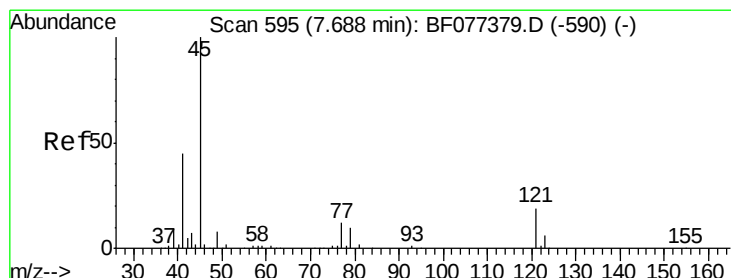
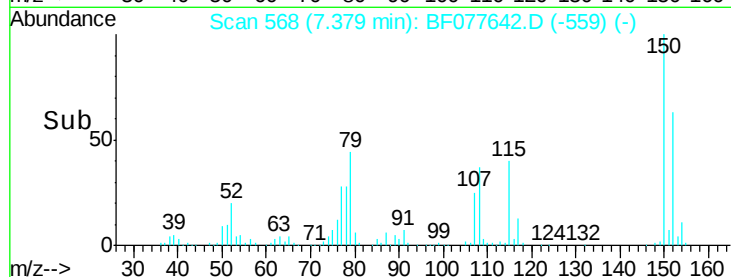
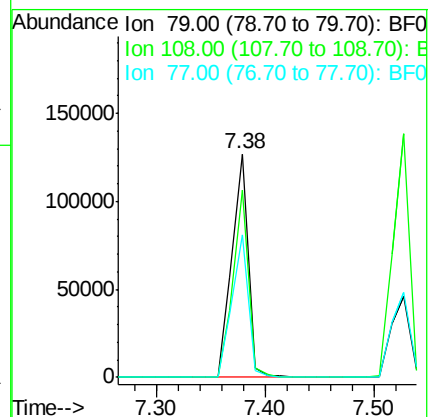
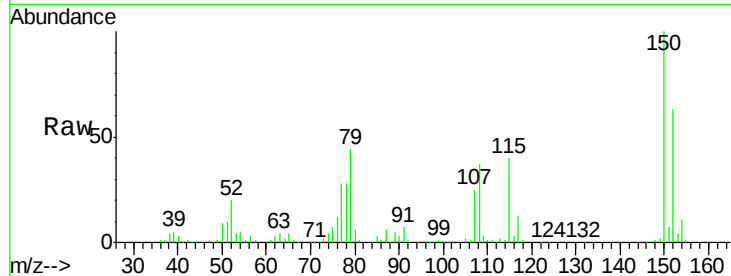
Tot Ion: 79 Resp: 132122

Ion Ratio Lower Upper

79 100

108 83.7 58.3 87.5

77 63.4 51.3 76.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.41 ng

RT: 7.55 min Scan# 583

Delta R.T. -0.00 min

Lab File: BF077642.D

Acq: 9 Mar 2015 17:09

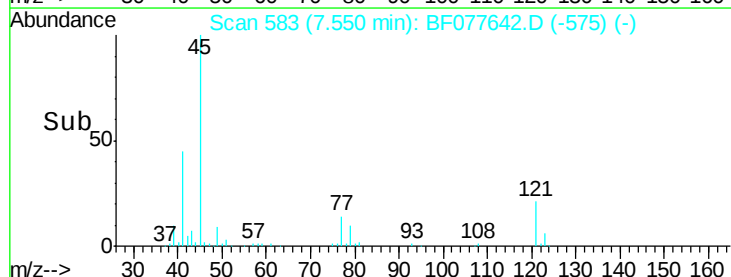
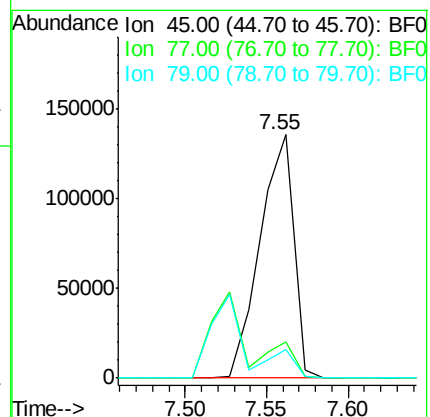
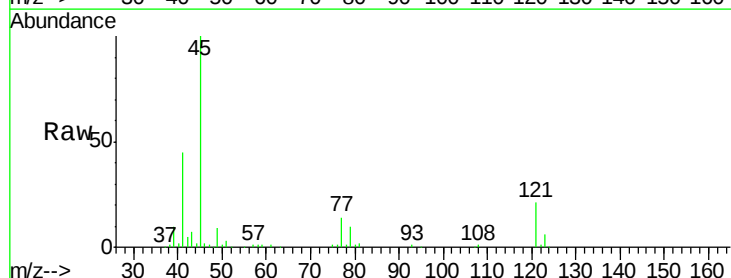
Tgt Ion: 45 Resp: 194999

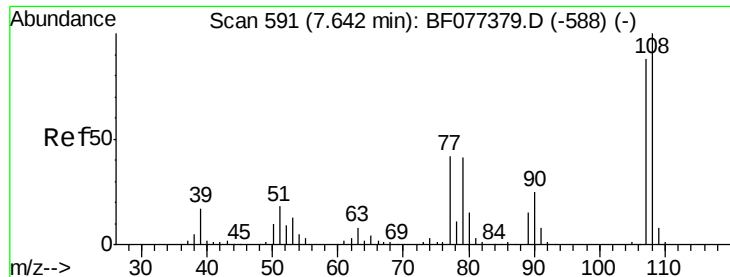
Ion Ratio Lower Upper

45 100

77 14.0 0.0 34.6

79 10.0 0.0 31.5





#17

2-Methylphenol

Concen: 41.48 ng

RT: 7.52 min Scan# 581

Delta R.T. -0.00 min

Lab File: BF077642.D

Acq: 9 Mar 2015 17:09

Instrument :

BNA_F

ClientSampleId :

PB82019BS

Tot Ion:107 Resp: 127229

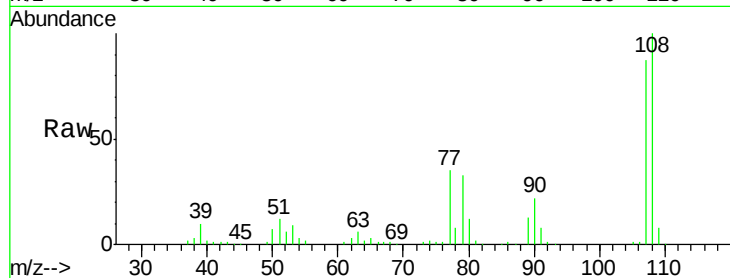
Ion Ratio Lower Upper

107 100

108 115.2 91.2 136.8

77 39.9 33.6 50.4

79 38.5 32.1 48.1

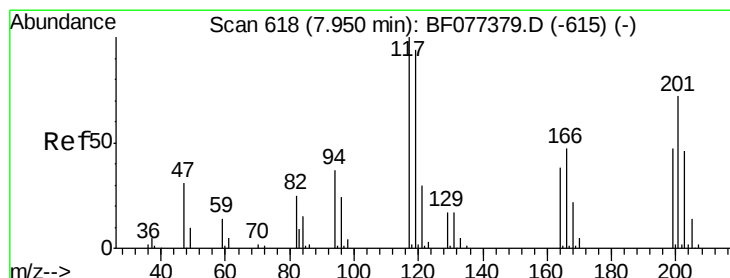
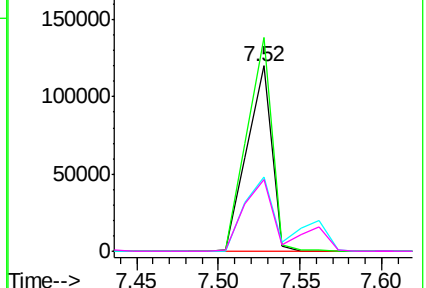
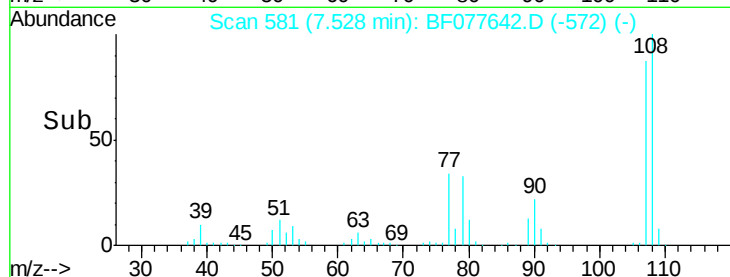


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 39.63 ng

RT: 7.81 min Scan# 606

Delta R.T. -0.00 min

Lab File: BF077642.D

Acq: 9 Mar 2015 17:09

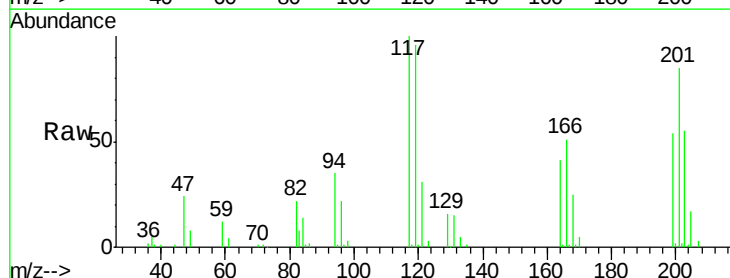
Tgt Ion:117 Resp: 57543

Ion Ratio Lower Upper

117 100

119 95.9 77.8 116.8

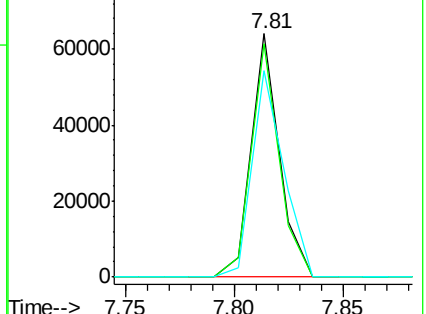
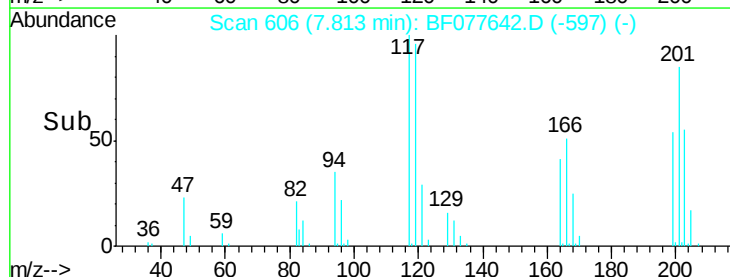
201 85.0 90.6 136.0#

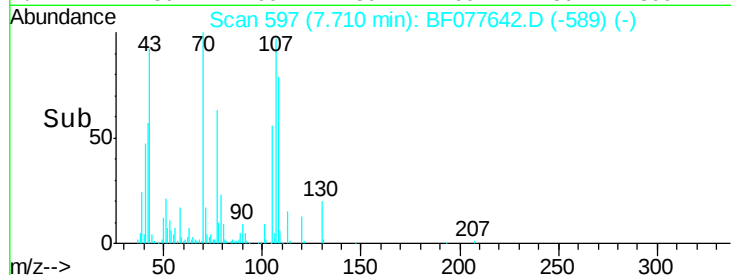
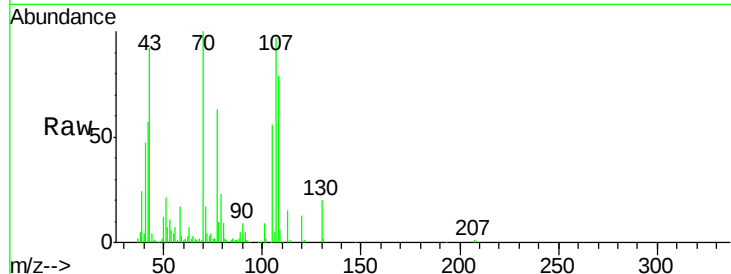


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

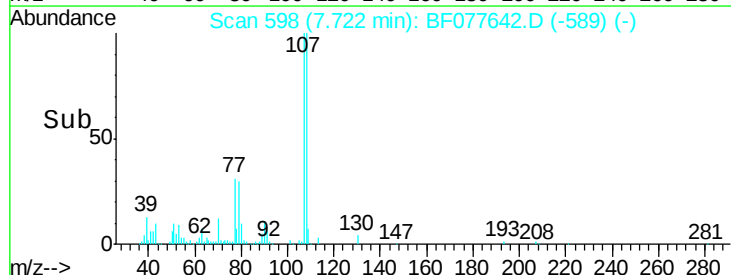
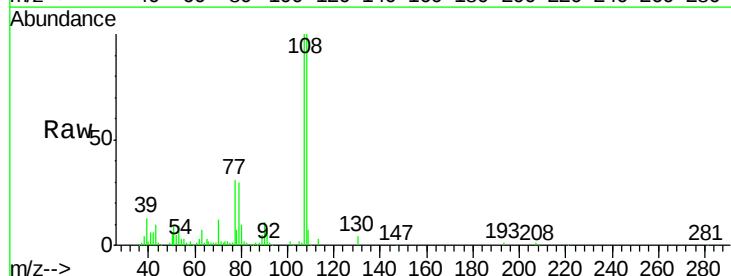
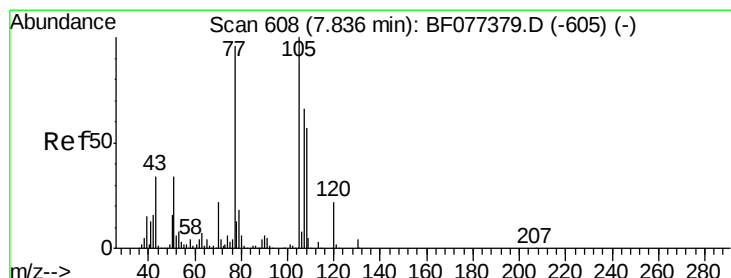
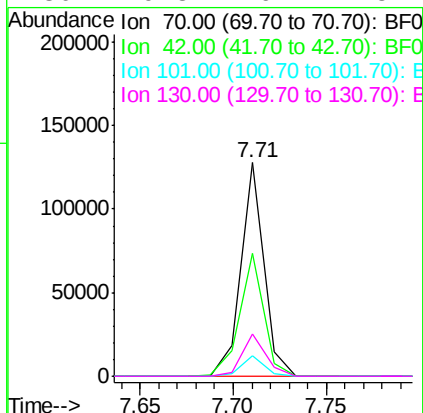




#19
n-Nitroso-di-n-propylamine
Concen: 40.61 ng
RT: 7.71 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF077642.D
Acq: 9 Mar 2015 17:09

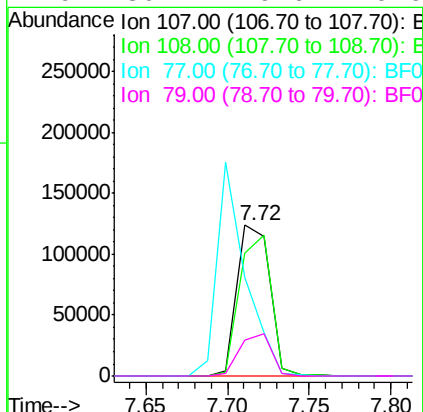
Instrument :
BNA_F
ClientSampleId :
PB82019BS

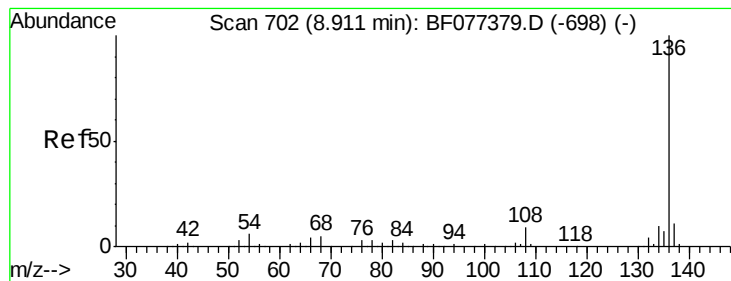
Tot Ion:	70	Resp:	110292
Ion	Ratio	Lower	Upper
70	100		
42	57.4	48.3	72.5
101	9.3	7.5	11.3
130	19.8	16.7	25.1



#20
3+4-Methylphenols
Concen: 42.79 ng
RT: 7.72 min Scan# 598
Delta R.T. -0.00 min
Lab File: BF077642.D
Acq: 9 Mar 2015 17:09

Tgt Ion:	107	Resp:	172846
Ion	Ratio	Lower	Upper
107	100		
108	100.4	76.8	116.8
77	30.8	65.8	105.8
79	30.4	9.6	49.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.77 min Scan# 690

Delta R.T. -0.00 min

Lab File: BF077642.D

Acq: 9 Mar 2015 17:09

Instrument :

BNA_F

ClientSampleId :

PB82019BS

Tot Ion:136 Resp: 230687

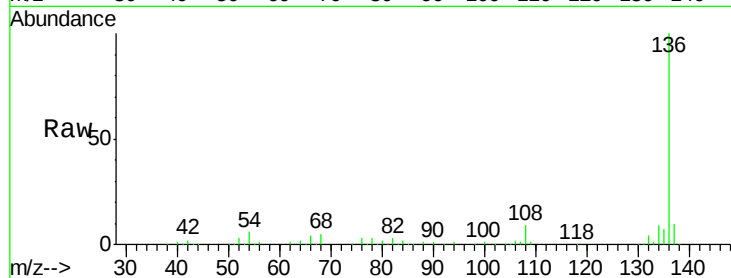
Ion Ratio Lower Upper

136 100

137 10.0 8.6 13.0

54 5.8 6.2 9.4#

68 4.8 5.0 7.6#

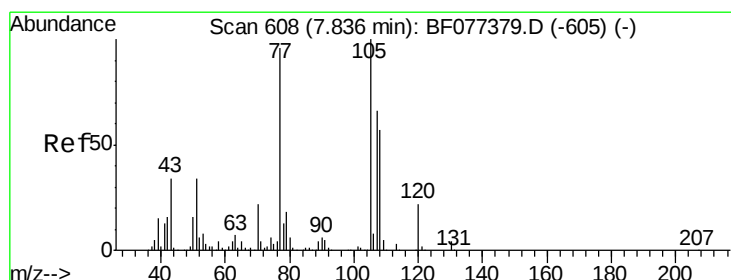
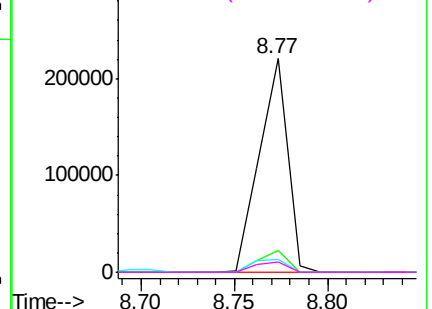
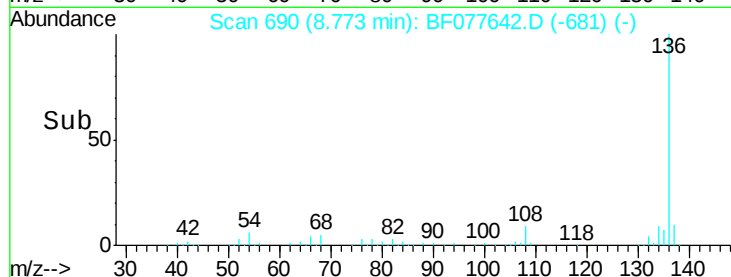


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 39.74 ng

RT: 7.70 min Scan# 596

Delta R.T. -0.00 min

Lab File: BF077642.D

Acq: 9 Mar 2015 17:09

Tgt Ion:105 Resp: 215638

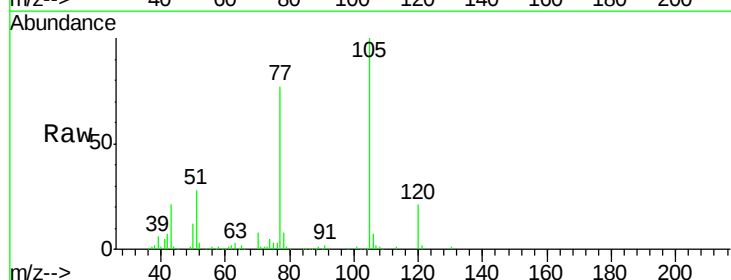
Ion Ratio Lower Upper

105 100

71 1.5 1.7 2.5#

51 28.3 30.7 46.1#

120 21.2 16.7 25.1

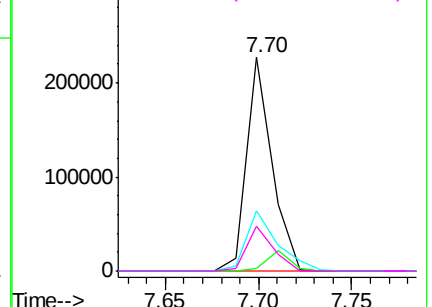
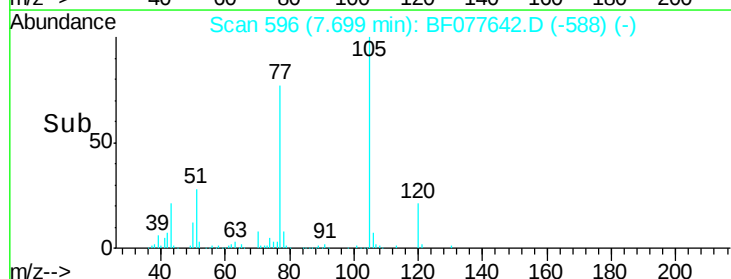


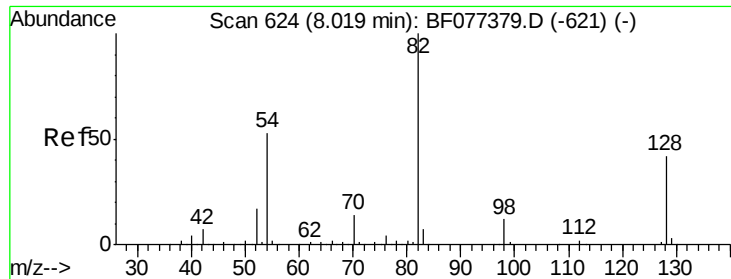
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

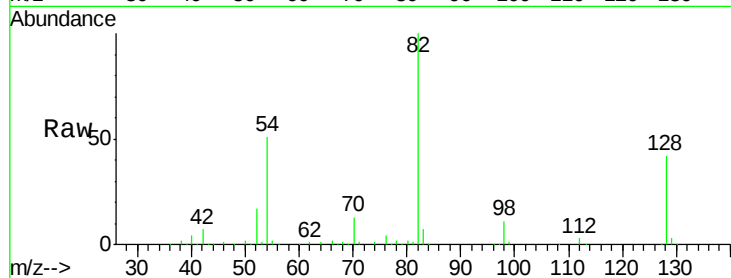




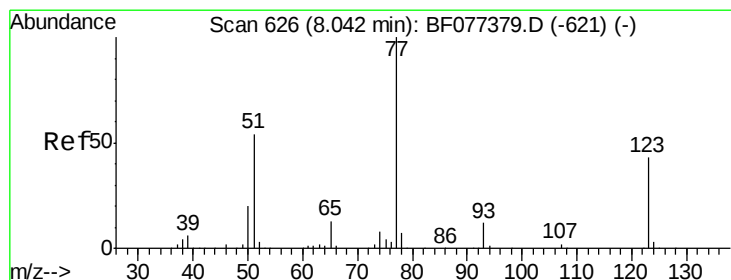
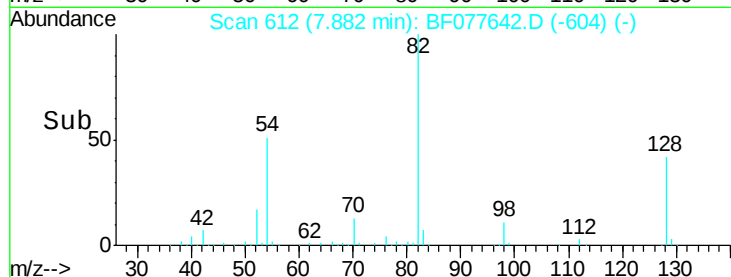
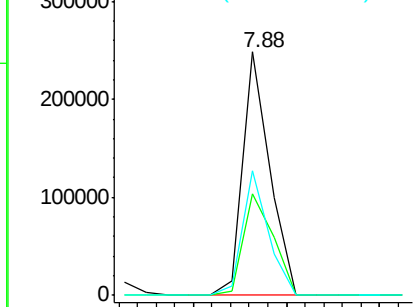
#23
 Nitrobenzene-d5
 Concen: 67.22 ng
 RT: 7.88 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: BF077642.D
 Acq: 9 Mar 2015 17:09

Instrument :
 BNA_F
 ClientSampleId :
 PB82019BS

Tot Ion: 82 Resp: 249374
 Ion Ratio Lower Upper
 82 100
 128 41.7 43.8 65.8#
 54 51.2 36.7 55.1

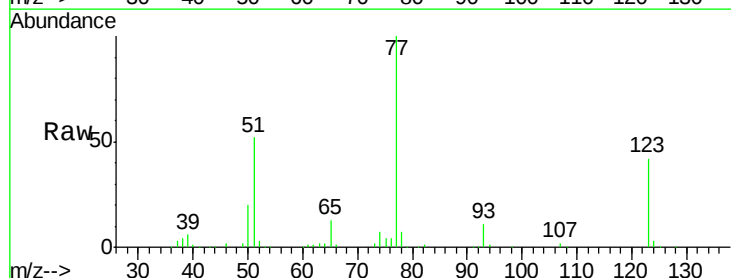


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

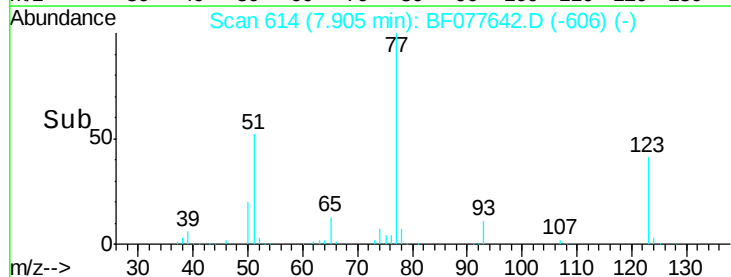
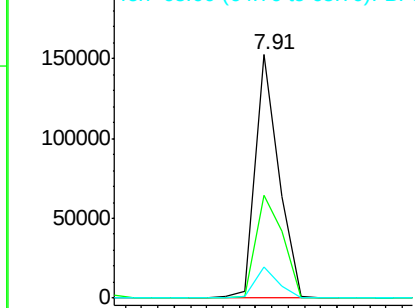


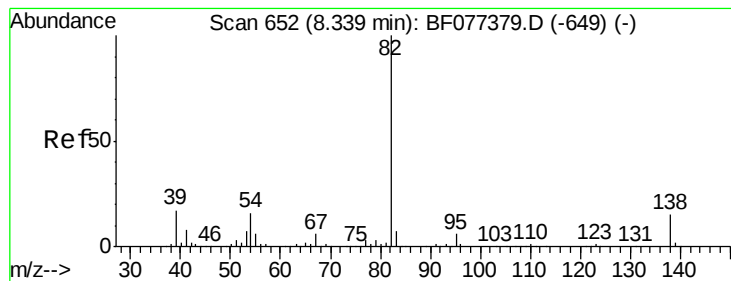
#24
 Nitrobenzene
 Concen: 39.06 ng
 RT: 7.91 min Scan# 614
 Delta R.T. -0.00 min
 Lab File: BF077642.D
 Acq: 9 Mar 2015 17:09

Tgt Ion: 77 Resp: 152454
 Ion Ratio Lower Upper
 77 100
 123 42.4 45.9 68.9#
 65 13.0 9.5 14.3



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 38.72 ng

RT: 8.21 min Scan# 641

Delta R.T. -0.00 min

Lab File: BF077642.D

Acq: 9 Mar 2015 17:09

Instrument :

BNA_F

ClientSampleId :

PB82019BS

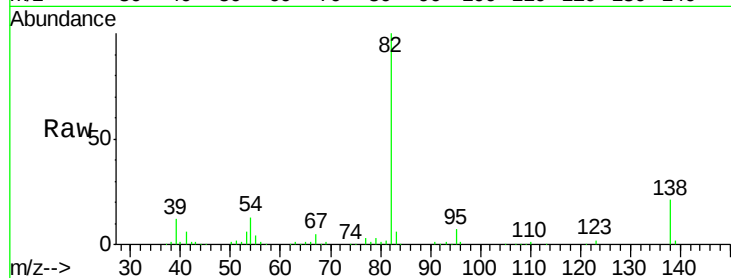
Tot Ion: 82 Resp: 284995

Ion Ratio Lower Upper

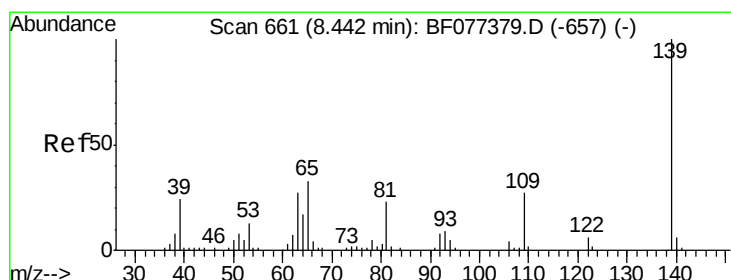
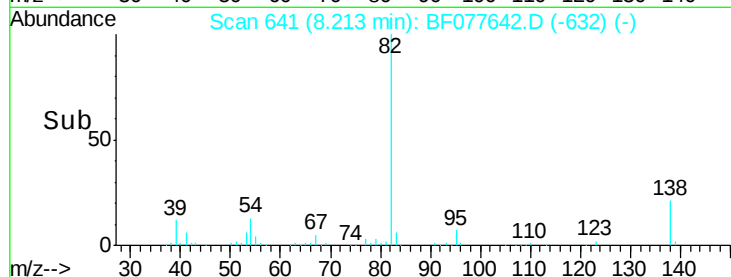
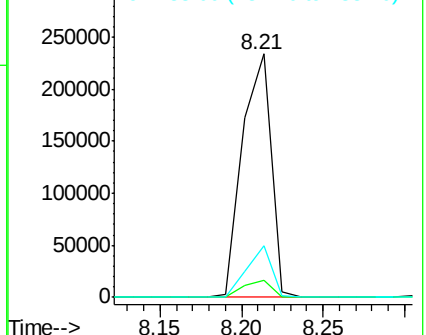
82 100

95 6.9 5.4 8.2

138 21.4 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: 48.13 ng

RT: 8.30 min Scan# 649

Delta R.T. -0.00 min

Lab File: BF077642.D

Acq: 9 Mar 2015 17:09

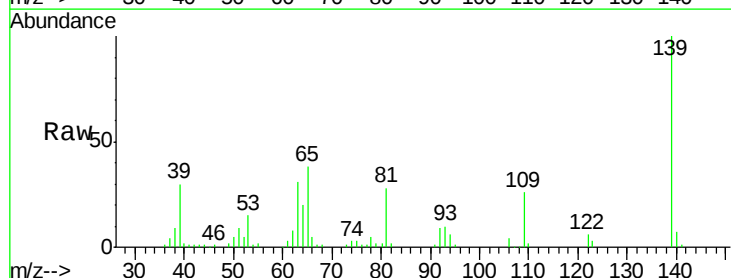
Tgt Ion: 139 Resp: 76991

Ion Ratio Lower Upper

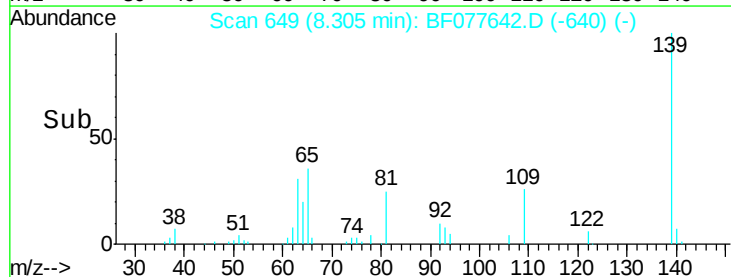
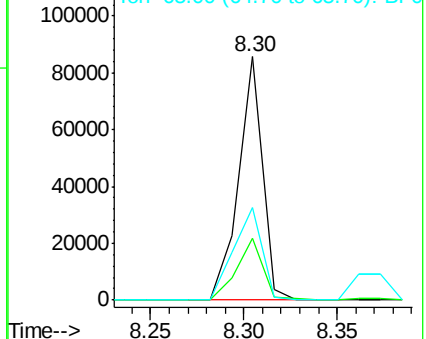
139 100

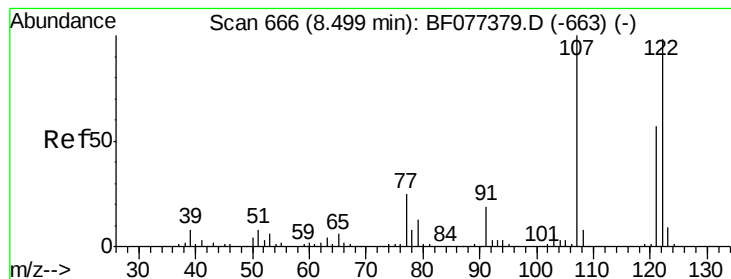
109 25.7 22.6 34.0

65 37.9 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

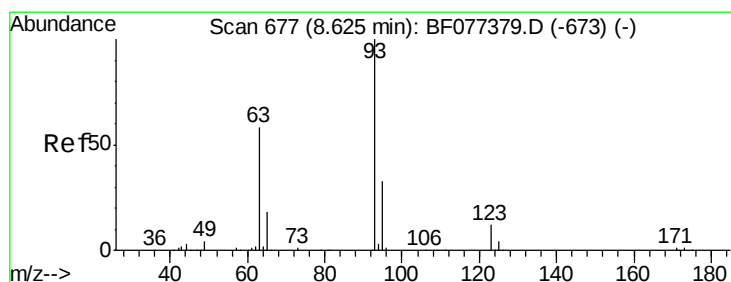
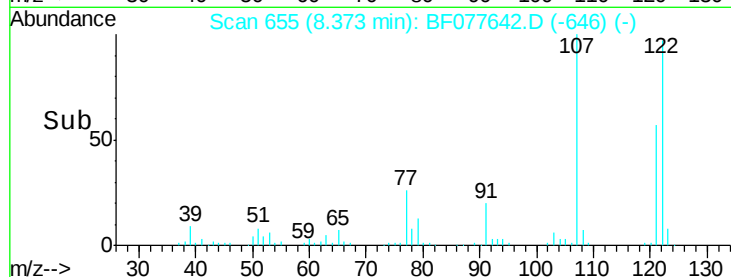
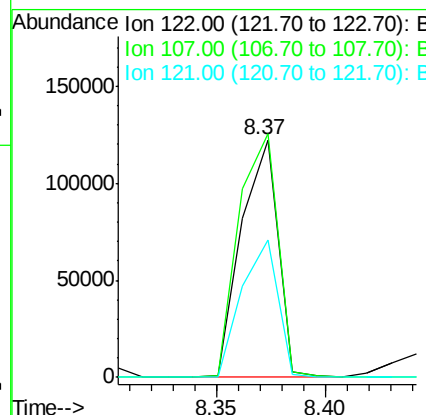
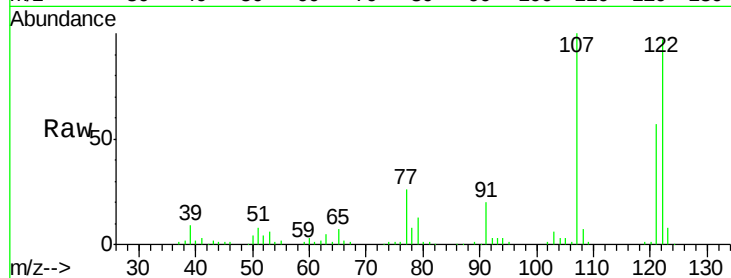




#27
 2,4-Dimethylphenol
 Concen: 39.95 ng
 RT: 8.37 min Scan# 655
 Delta R.T. -0.00 min
 Lab File: BF077642.D
 Acq: 9 Mar 2015 17:09

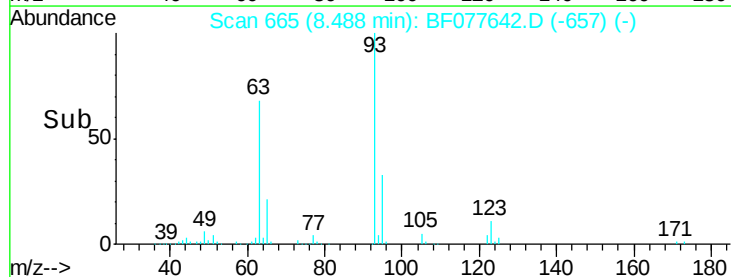
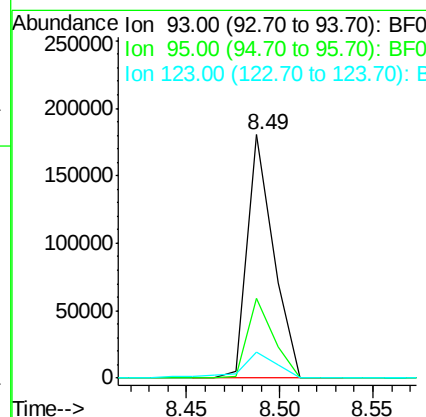
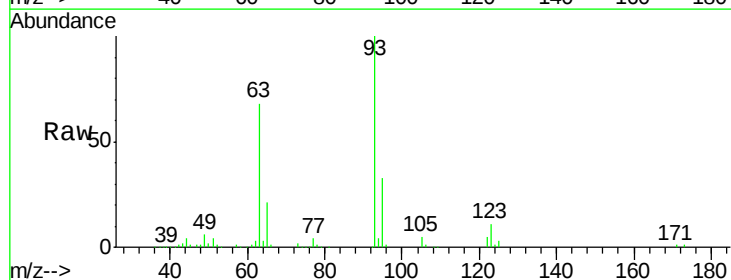
Instrument :
 BNA_F
 ClientSampleId :
 PB82019BS

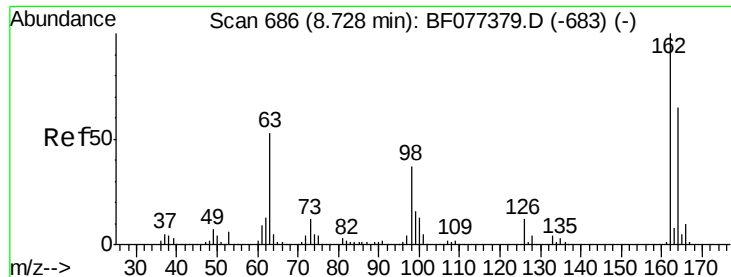
Tot Ion:122 Resp: 142987
 Ion Ratio Lower Upper
 122 100
 107 102.6 86.6 130.0
 121 58.1 47.4 71.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.93 ng
 RT: 8.49 min Scan# 665
 Delta R.T. -0.00 min
 Lab File: BF077642.D
 Acq: 9 Mar 2015 17:09

Tgt Ion: 93 Resp: 176370
 Ion Ratio Lower Upper
 93 100
 95 32.7 26.4 39.6
 123 10.6 8.7 13.1

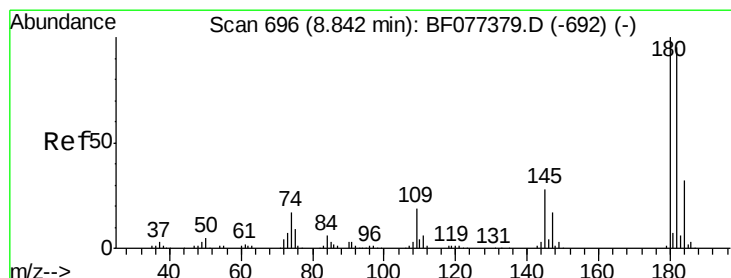
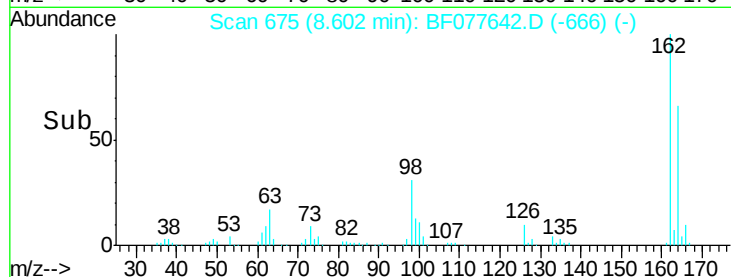
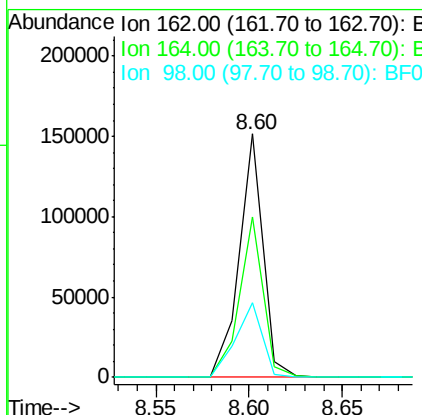
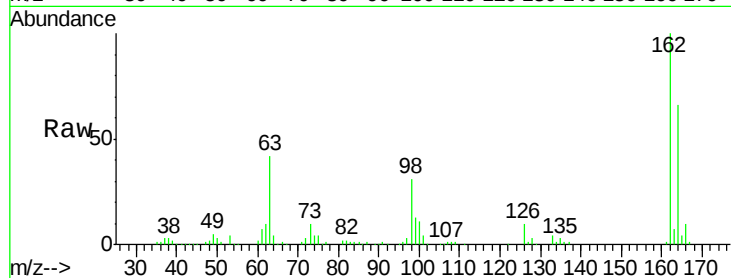




#29
 2,4-Dichlorophenol
 Concen: 40.49 ng
 RT: 8.60 min Scan# 675
 Delta R.T. -0.00 min
 Lab File: BF077642.D
 Acq: 9 Mar 2015 17:09

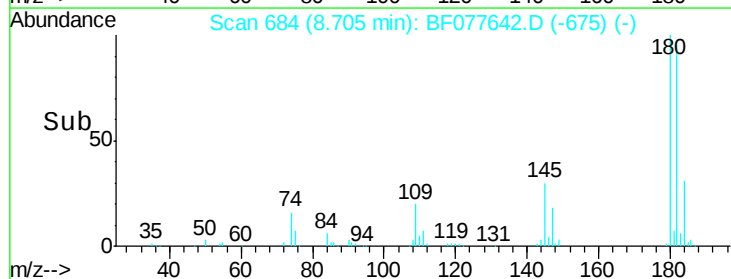
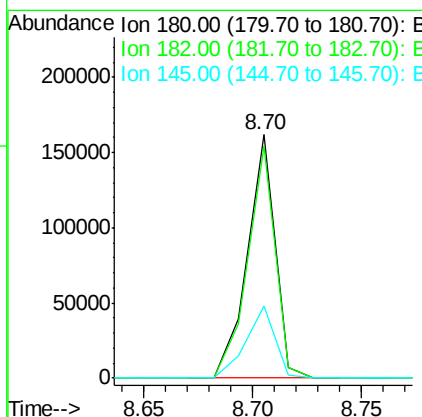
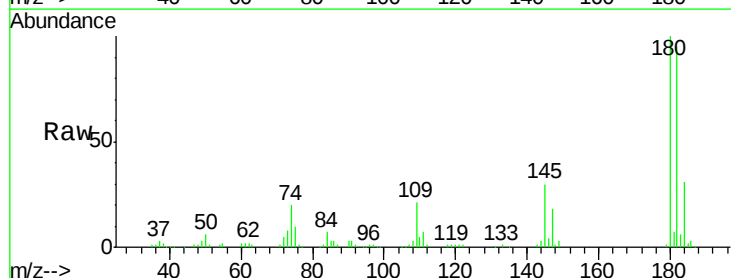
Instrument :
 BNA_F
 ClientSampleId :
 PB82019BS

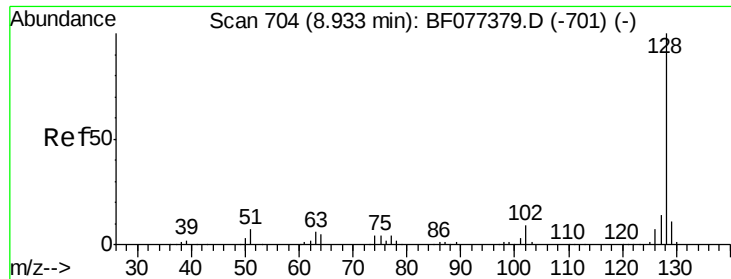
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.0	46.4	86.4
98	30.6	6.9	46.9



#30
 1,2,4-Trichlorobenzene
 Concen: 38.73 ng
 RT: 8.70 min Scan# 684
 Delta R.T. -0.00 min
 Lab File: BF077642.D
 Acq: 9 Mar 2015 17:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.2	114.4
145	29.8	24.5	36.7

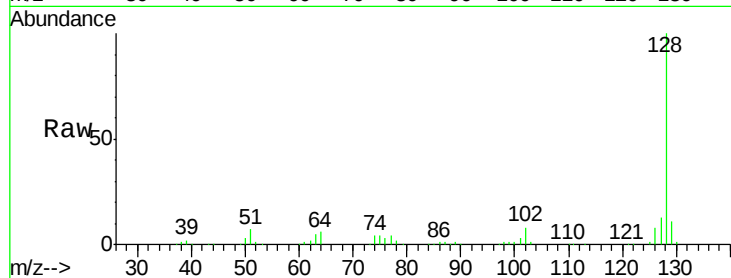




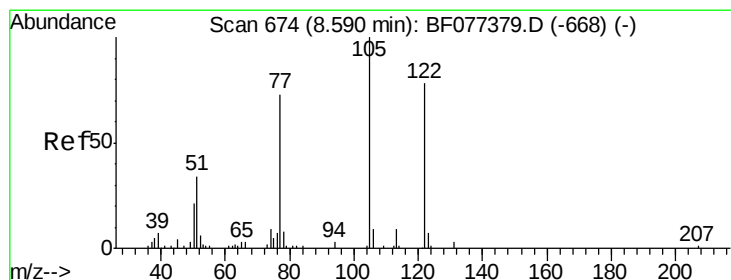
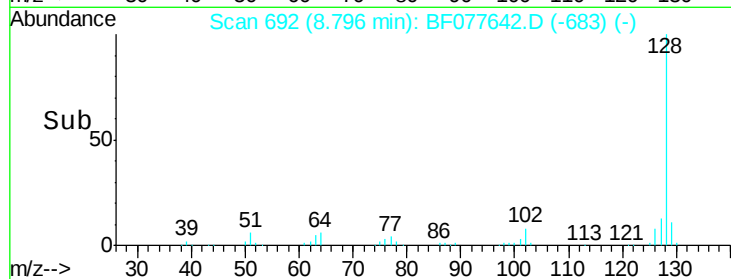
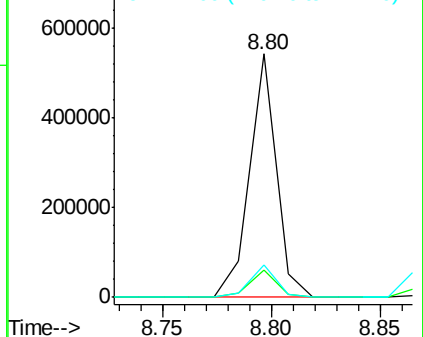
#31
Naphthalene
Concen: 40.20 ng
RT: 8.80 min Scan# 692
Delta R.T. -0.00 min
Lab File: BF077642.D
Acq: 9 Mar 2015 17:09

Instrument :
BNA_F
ClientSampleId :
PB82019BS

Tot Ion:128 Resp: 463762
Ion Ratio Lower Upper
128 100
129 11.2 9.4 14.0
127 13.2 10.6 15.8

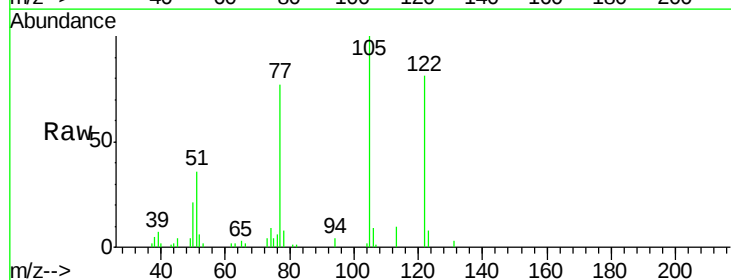


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

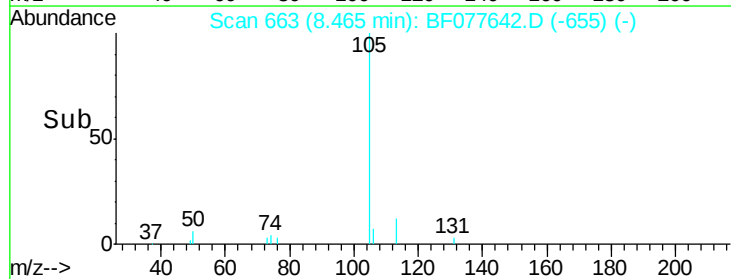
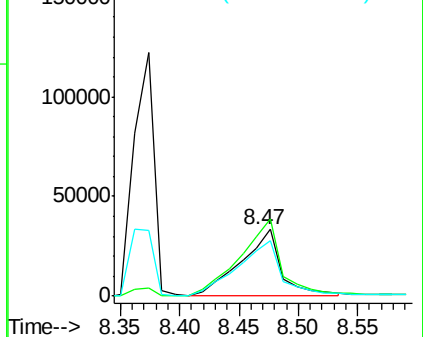


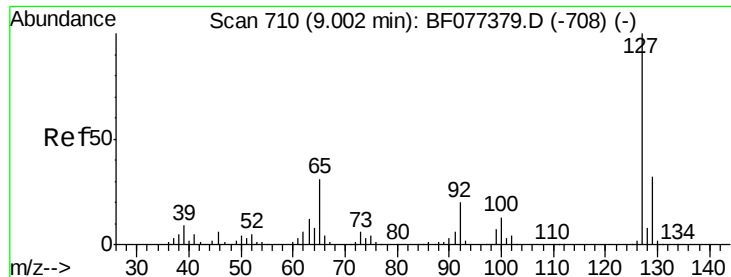
#32
Benzoic acid
Concen: 44.42 ng
RT: 8.47 min Scan# 663
Delta R.T. -0.01 min
Lab File: BF077642.D
Acq: 9 Mar 2015 17:09

Tgt Ion:122 Resp: 77254
Ion Ratio Lower Upper
122 100
105 124.1 100.3 140.3
77 95.8 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

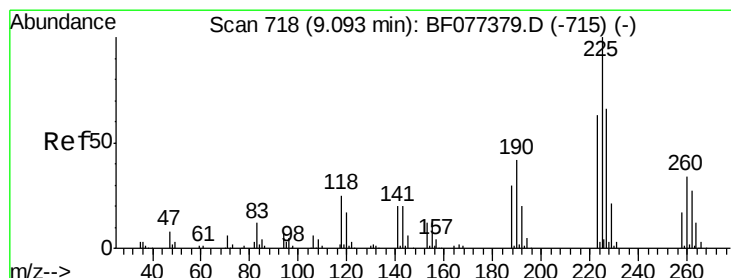
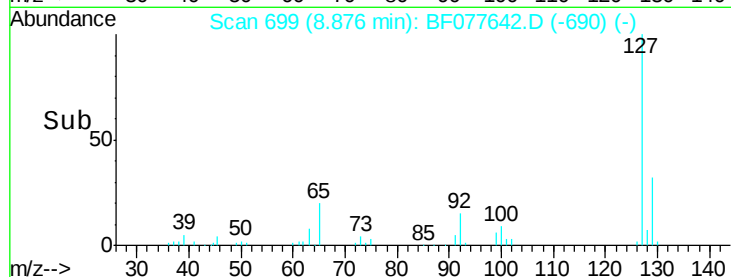
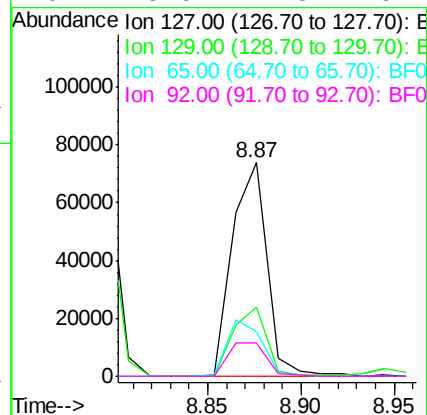
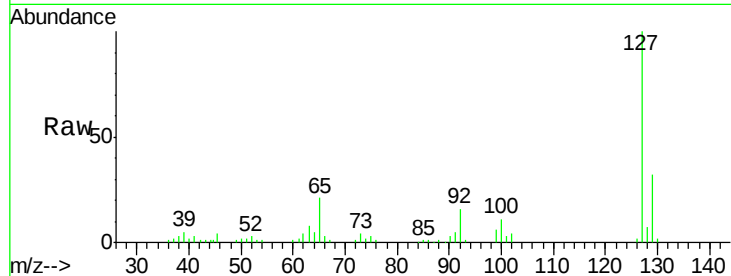




#33
4-Chloroaniline
Concen: 18.79 ng
RT: 8.87 min Scan# 699
Delta R.T. -0.00 min
Lab File: BF077642.D
Acq: 9 Mar 2015 17:09

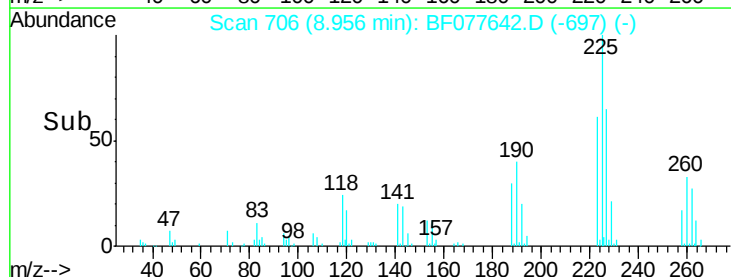
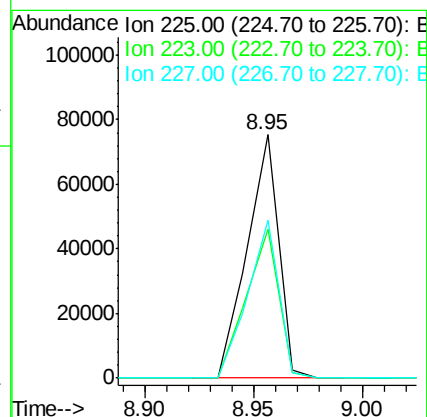
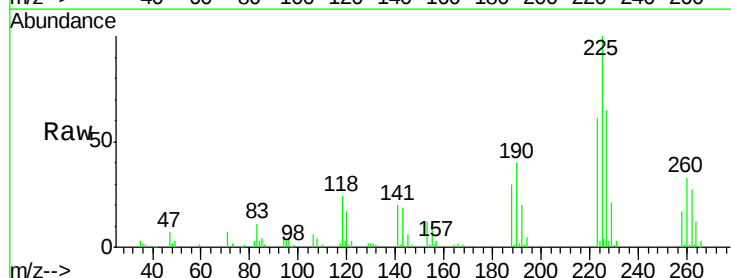
Instrument :
BNA_F
ClientSampleId :
PB82019BS

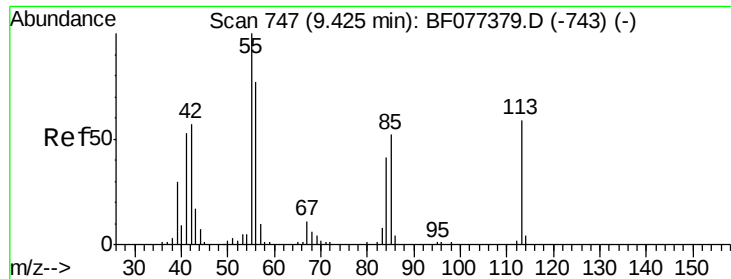
Tot Ion:	127	Resp:	96381
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.9	40.3
65	21.0	16.7	25.1
92	15.5	12.5	18.7



#34
Hexachlorobutadiene
Concen: 35.73 ng
RT: 8.95 min Scan# 706
Delta R.T. -0.00 min
Lab File: BF077642.D
Acq: 9 Mar 2015 17:09

Tgt Ion:	225	Resp:	75335
Ion	Ratio	Lower	Upper
225	100		
223	61.2	49.5	74.3
227	64.9	50.5	75.7

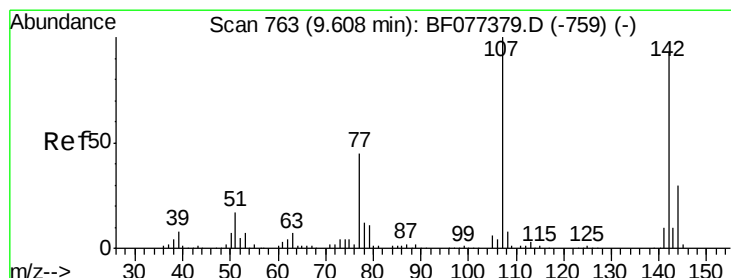
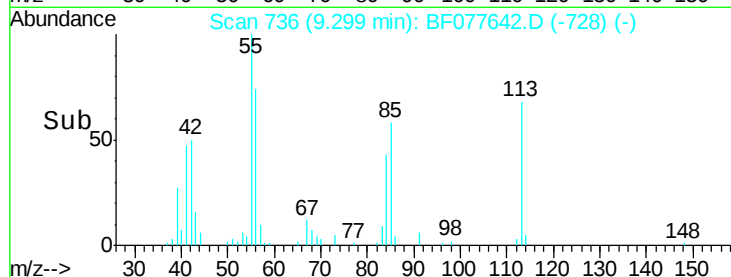
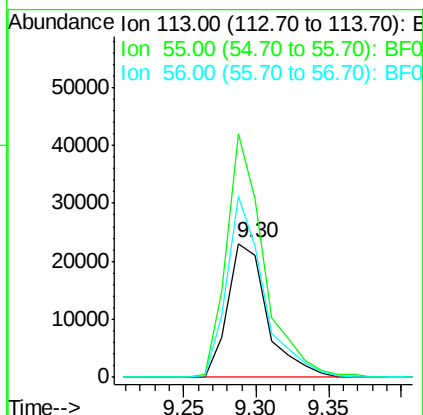
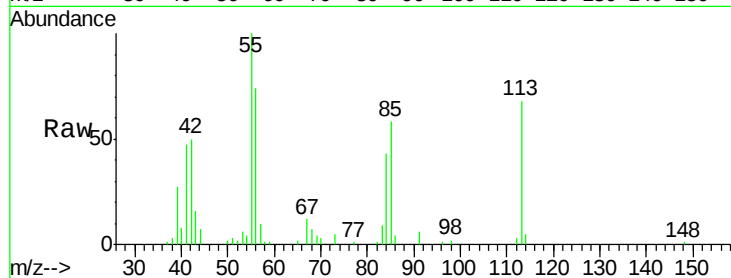




#35
 Caprolactam
 Concen: 42.78 ng
 RT: 9.30 min Scan# 736
 Delta R.T. -0.01 min
 Lab File: BF077642.D
 Acq: 9 Mar 2015 17:09

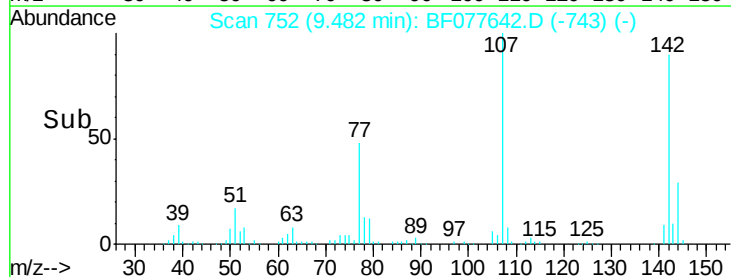
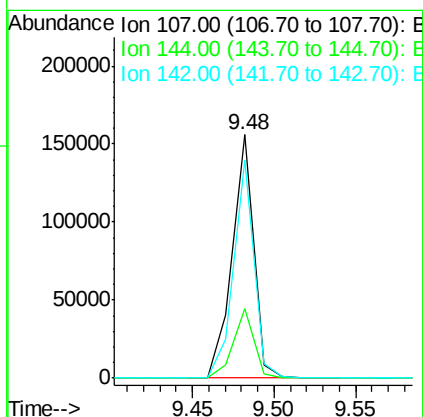
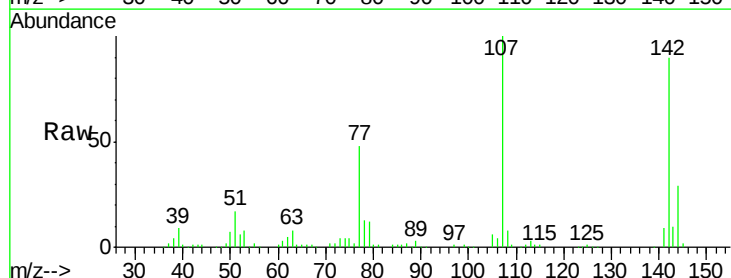
Instrument :
 BNA_F
 ClientSampleID :
 PB82019BS

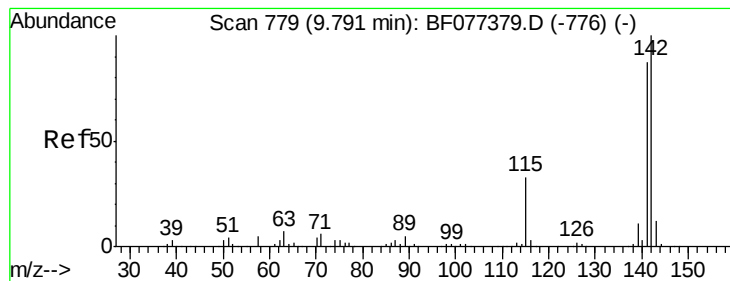
Tot Ion:113 Resp: 43875
 Ion Ratio Lower Upper
 113 100
 55 146.2 154.6 194.6#
 56 107.7 114.0 154.0#



#36
 4-Chloro-3-methylphenol
 Concen: 42.07 ng
 RT: 9.48 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: BF077642.D
 Acq: 9 Mar 2015 17:09

Tgt Ion:107 Resp: 142102
 Ion Ratio Lower Upper
 107 100
 144 28.7 21.1 31.7
 142 89.7 65.3 97.9

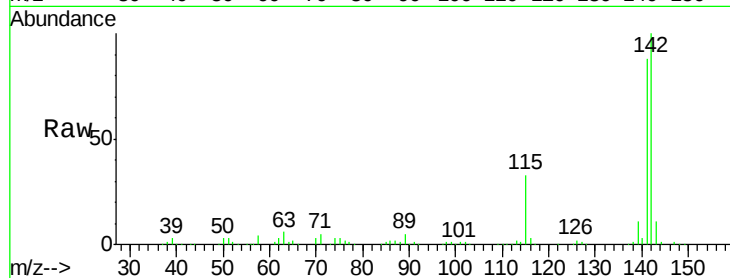




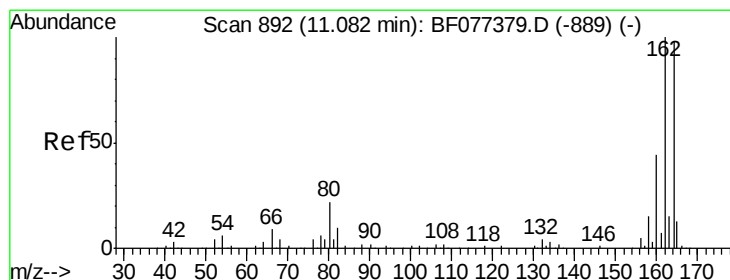
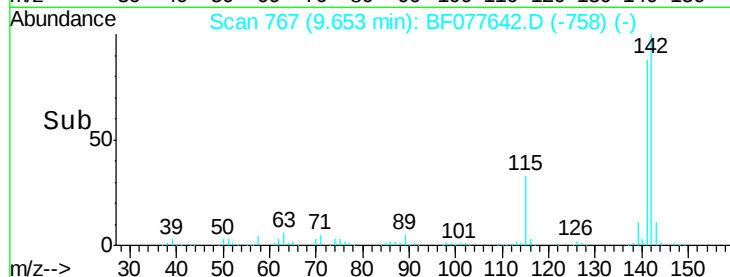
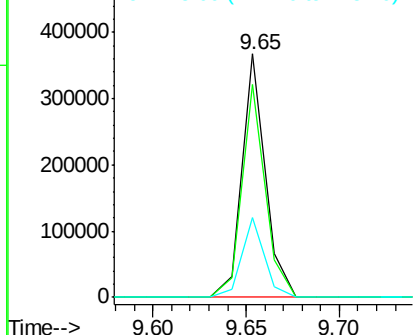
#37
 2-Methylnaphthalene
 Concen: 39.03 ng
 RT: 9.65 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: BF077642.D
 Acq: 9 Mar 2015 17:09

Instrument :
 BNA_F
 ClientSampleId :
 PB82019BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.5	70.7	106.1
115	32.7	24.2	36.4

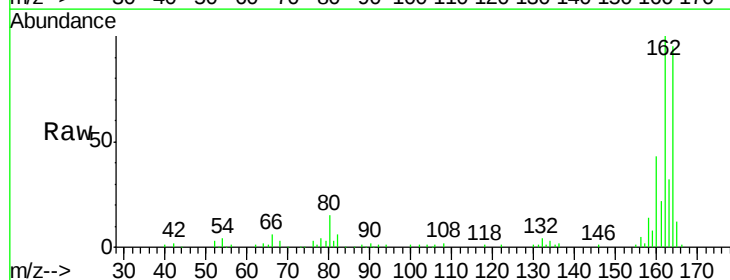


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

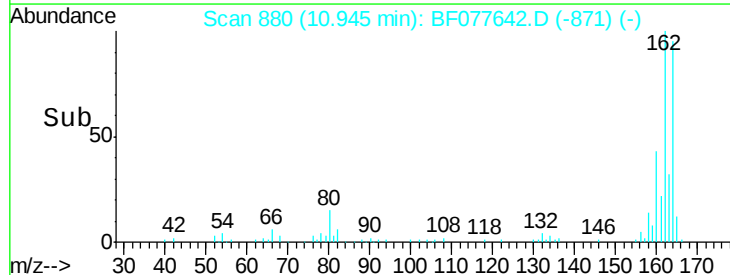
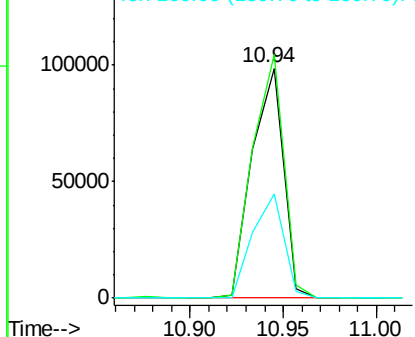


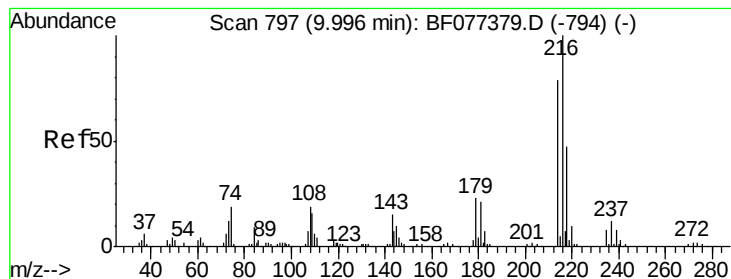
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.94 min Scan# 880
 Delta R.T. -0.00 min
 Lab File: BF077642.D
 Acq: 9 Mar 2015 17:09

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.8	83.2	124.8
160	45.1	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: 42.32 ng

RT: 9.86 min Scan# 785

Delta R.T. -0.00 min

Lab File: BF077642.D

Acq: 9 Mar 2015 17:09

Instrument :

BNA_F

ClientSampleId :

PB82019BS

Tot Ion:216 Resp: 139732

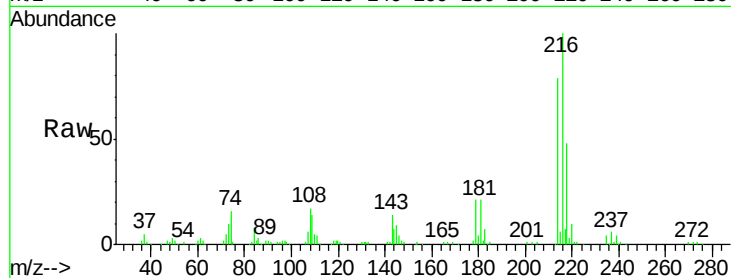
Ion Ratio Lower Upper

216 100

214 78.4 63.4 95.0

179 21.0 16.6 25.0

108 20.5 14.2 21.4

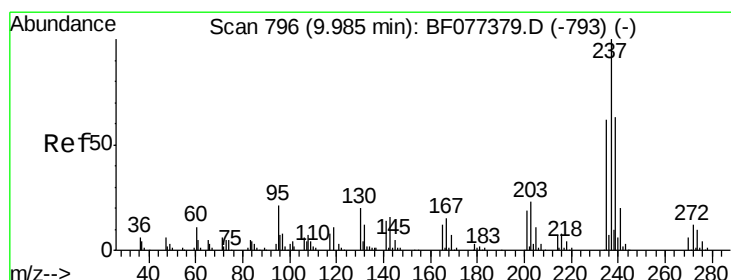
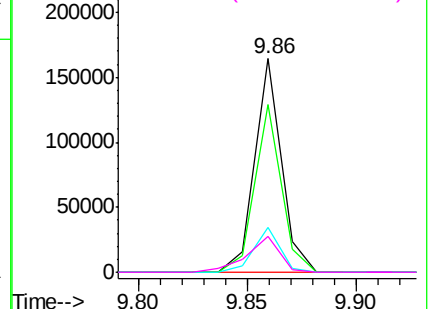
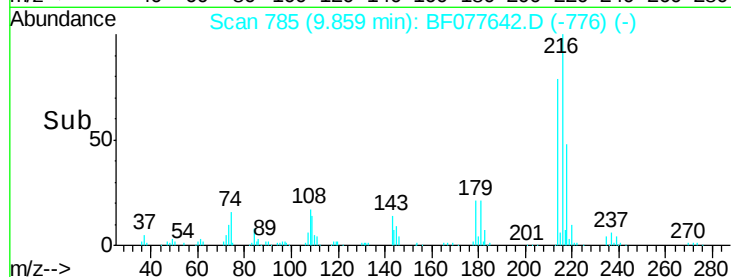


Abundance Ion 216.00 (215.70 to 216.70): E

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: 78.13 ng

RT: 9.85 min Scan# 784

Delta R.T. -0.00 min

Lab File: BF077642.D

Acq: 9 Mar 2015 17:09

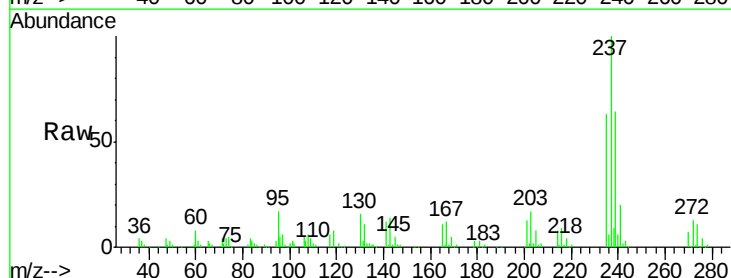
Tgt Ion:237 Resp: 138339

Ion Ratio Lower Upper

237 100

235 63.4 41.0 81.0

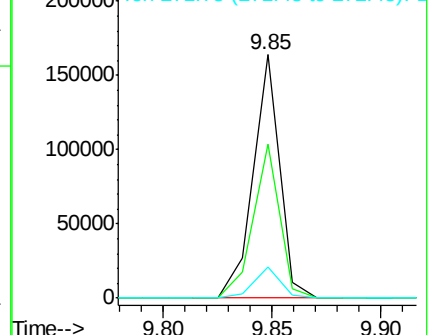
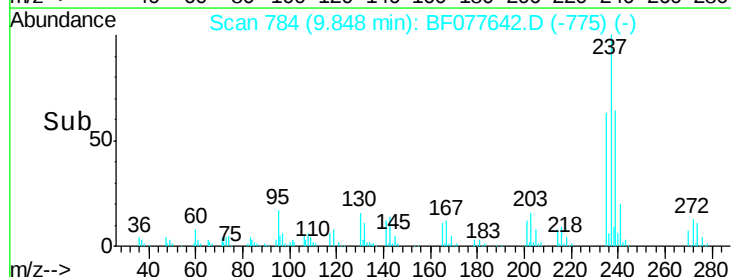
272 13.0 0.0 34.3

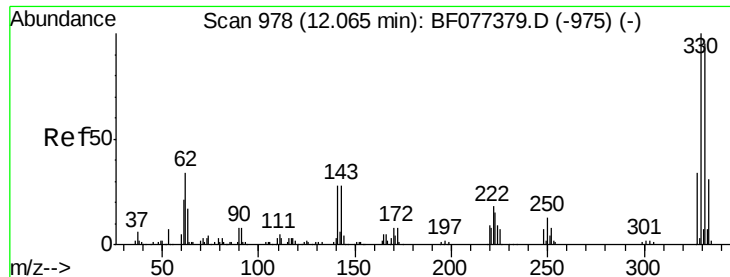


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

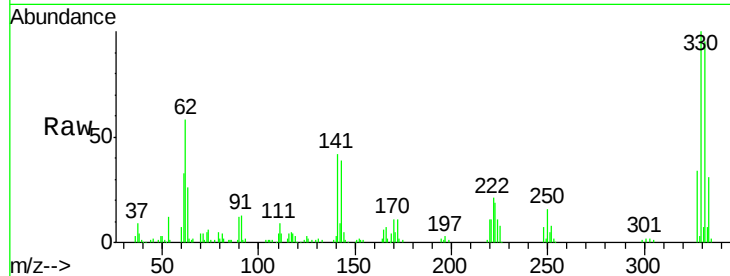




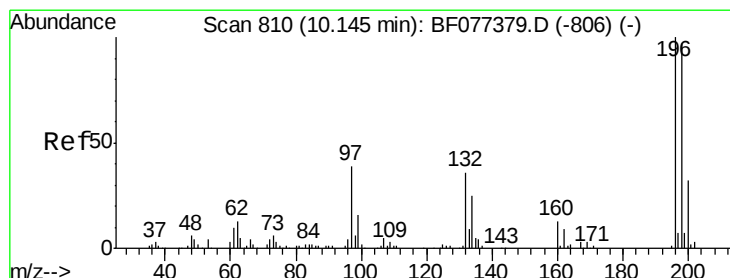
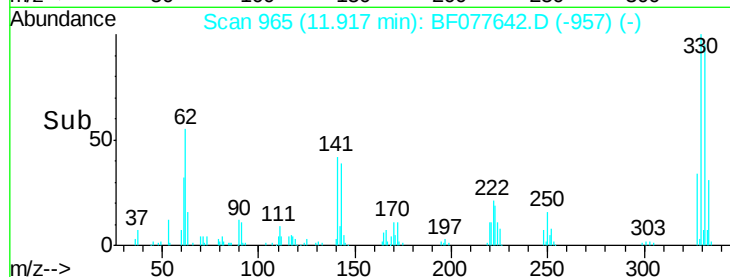
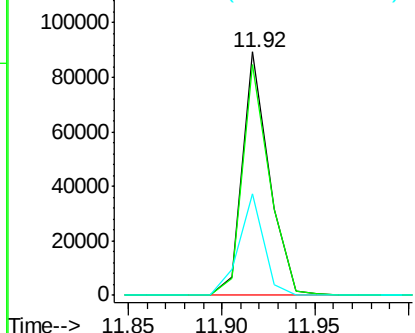
#41
 2,4,6-Tribromophenol
 Concen: 80.39 ng
 RT: 11.92 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: BF077642.D
 Acq: 9 Mar 2015 17:09

Instrument :
 BNA_F
 ClientSampleId :
 PB82019BS

Tot Ion:330 Resp: 89076
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.4 116.2
 141 39.3 28.8 43.2

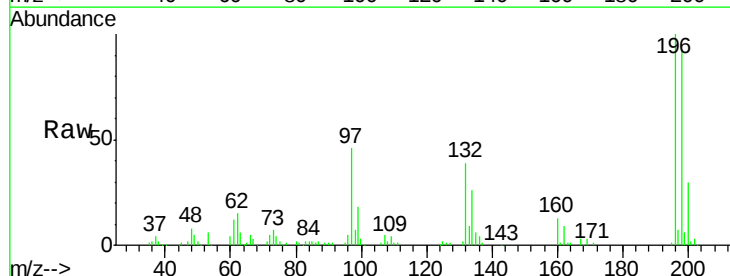


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

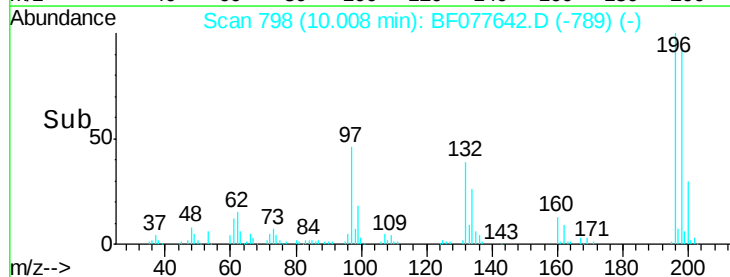
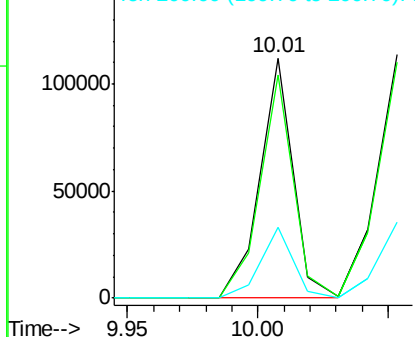


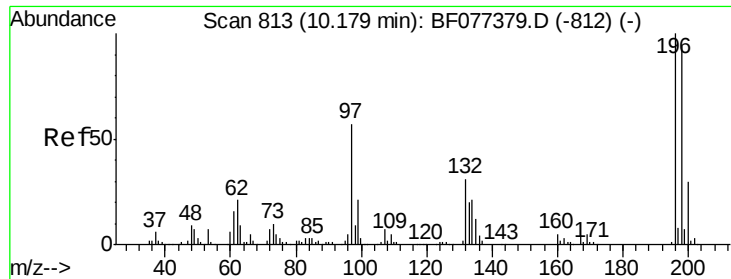
#42
 2,4,6-Trichlorophenol
 Concen: 45.77 ng
 RT: 10.01 min Scan# 798
 Delta R.T. -0.00 min
 Lab File: BF077642.D
 Acq: 9 Mar 2015 17:09

Tgt Ion:196 Resp: 100079
 Ion Ratio Lower Upper
 196 100
 198 92.8 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

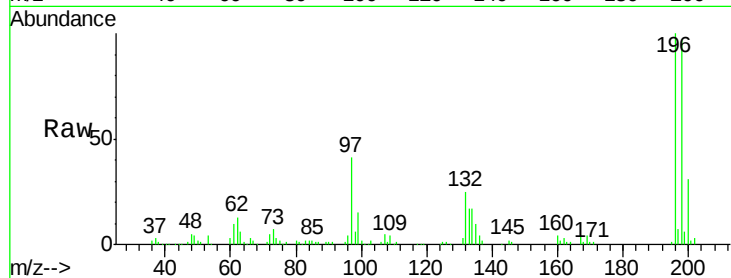




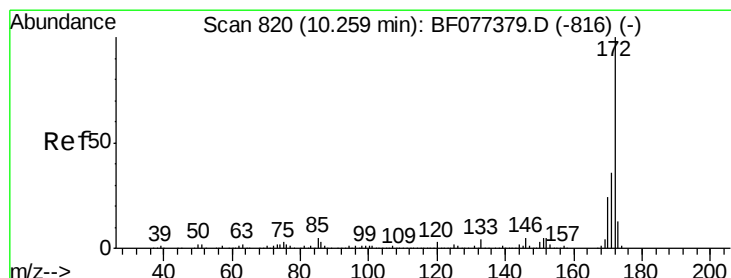
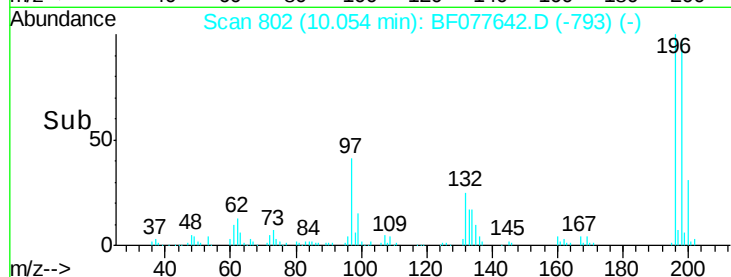
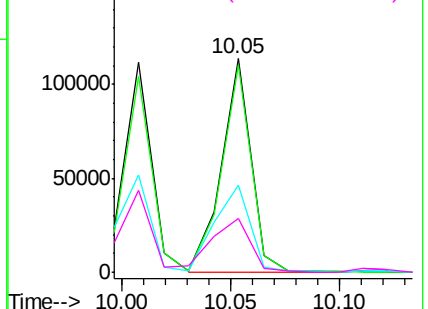
#43
 2,4,5-Trichlorophenol
 Concen: 45.42 ng
 RT: 10.05 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: BF077642.D
 Acq: 9 Mar 2015 17:09

Instrument :
 BNA_F
 ClientSampleId :
 PB82019BS

Tot Ion:196 Resp: 106209
 Ion Ratio Lower Upper
 196 100
 198 97.1 77.2 115.8
 97 40.8 27.7 41.5
 132 25.3 18.0 27.0

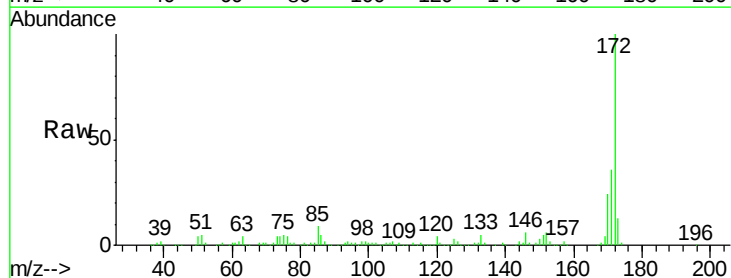


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

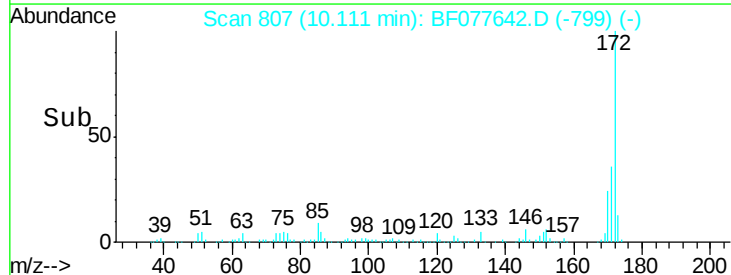
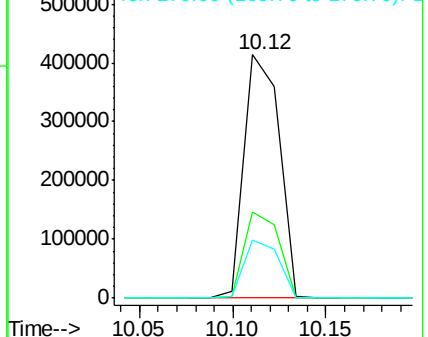


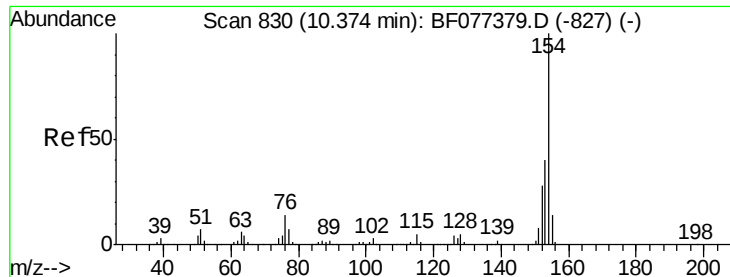
#44
 2-Fluorobiphenyl
 Concen: 73.18 ng
 RT: 10.12 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BF077642.D
 Acq: 9 Mar 2015 17:09

Tgt Ion:172 Resp: 540083
 Ion Ratio Lower Upper
 172 100
 171 35.6 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

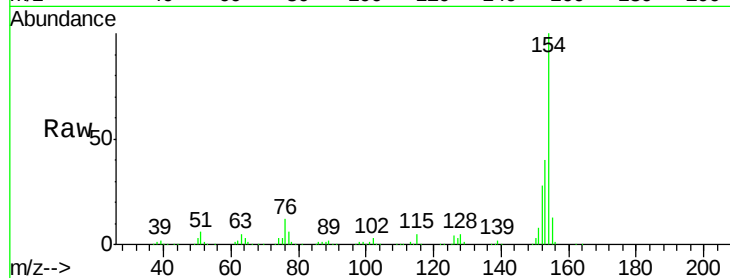




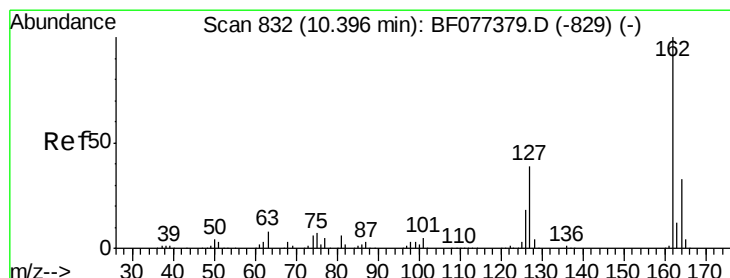
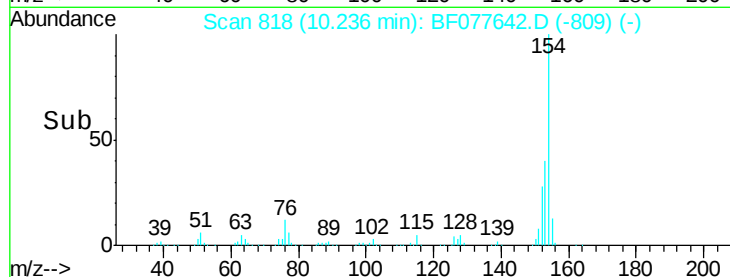
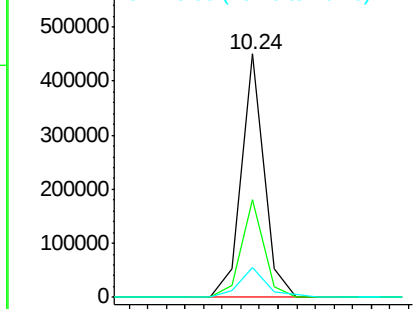
#45
1,1'-Biphenyl
Concen: 43.82 ng
RT: 10.24 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF077642.D
Acq: 9 Mar 2015 17:09

Instrument :
BNA_F
ClientSampleId :
PB82019BS

Tot Ion:154	Resp:	382035
Ion Ratio	Lower	Upper
154	100	
153	40.0	20.2 60.2
76	12.4	0.0 29.4

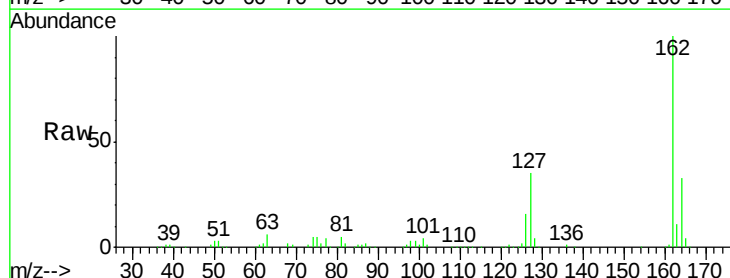


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): E

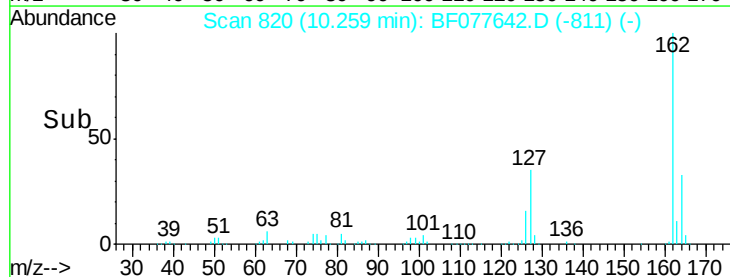
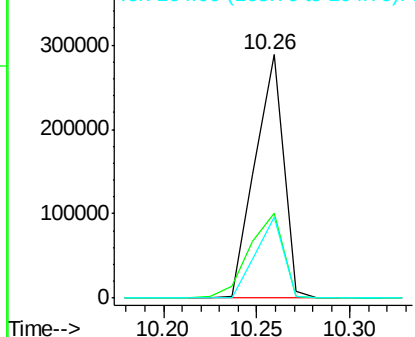


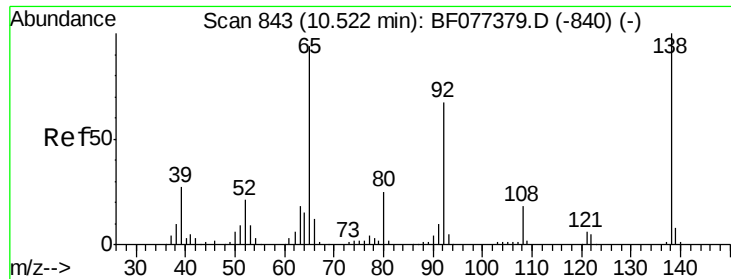
#46
2-Chloronaphthalene
Concen: 44.60 ng
RT: 10.26 min Scan# 820
Delta R.T. -0.00 min
Lab File: BF077642.D
Acq: 9 Mar 2015 17:09

Tgt Ion:162	Resp:	304947
Ion Ratio	Lower	Upper
162	100	
127	35.1	33.3 49.9
164	33.5	26.2 39.4



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

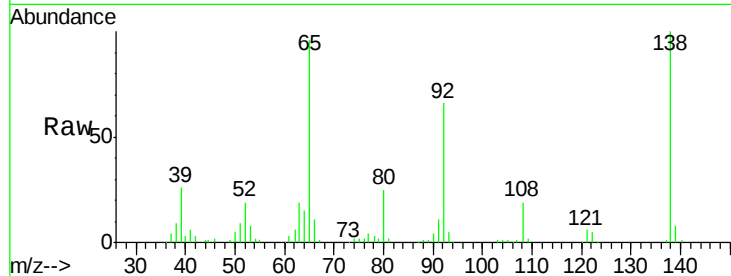




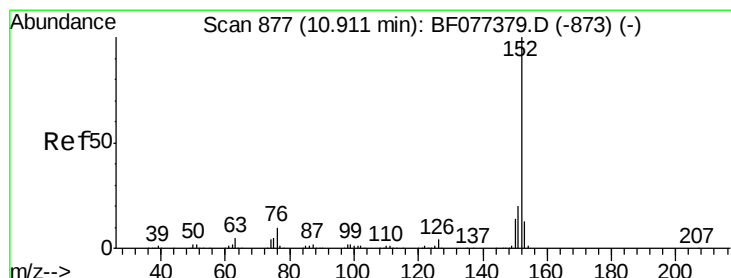
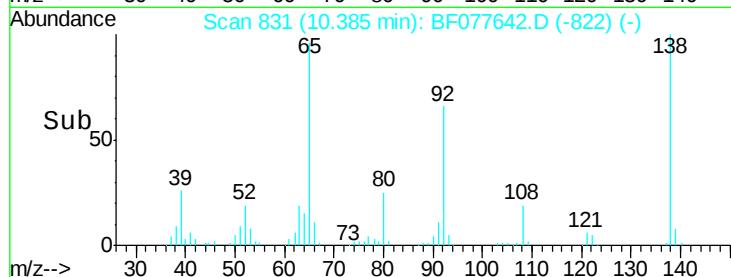
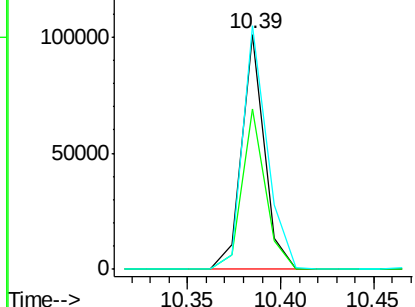
#47
2-Nitroaniline
Concen: 51.44 ng
RT: 10.39 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF077642.D
Acq: 9 Mar 2015 17:09

Instrument :
BNA_F
ClientSampleId :
PB82019BS

Tot Ion: 65 Resp: 86576
Ion Ratio Lower Upper
65 100
92 68.4 52.4 78.6
138 103.6 73.4 110.0

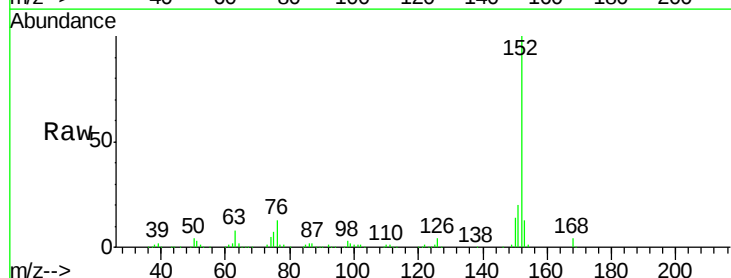


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

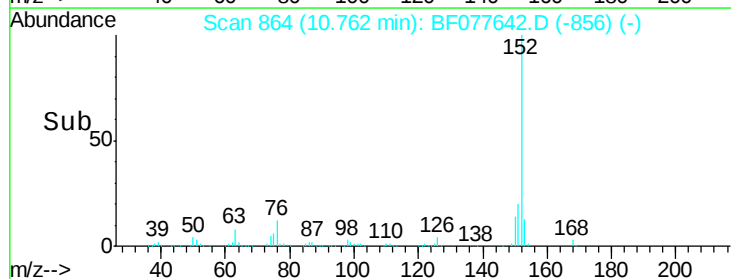
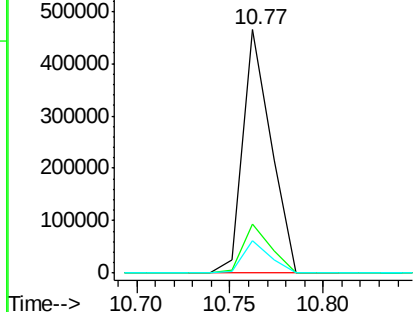


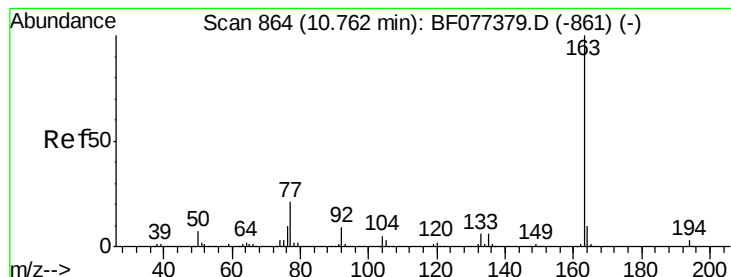
#48
Acenaphthylene
Concen: 44.82 ng
RT: 10.77 min Scan# 864
Delta R.T. -0.00 min
Lab File: BF077642.D
Acq: 9 Mar 2015 17:09

Tgt Ion: 152 Resp: 485095
Ion Ratio Lower Upper
152 100
151 20.3 16.1 24.1
153 13.2 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 43.54 ng

RT: 10.63 min Scan# 852

Delta R.T. -0.00 min

Lab File: BF077642.D

Acq: 9 Mar 2015 17:09

Instrument :

BNA_F

ClientSampleId :

PB82019BS

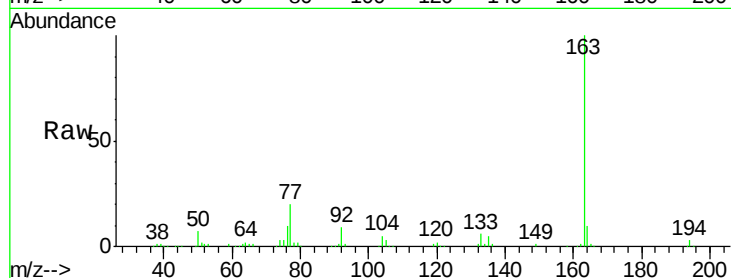
Tot Ion:163 Resp: 352217

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

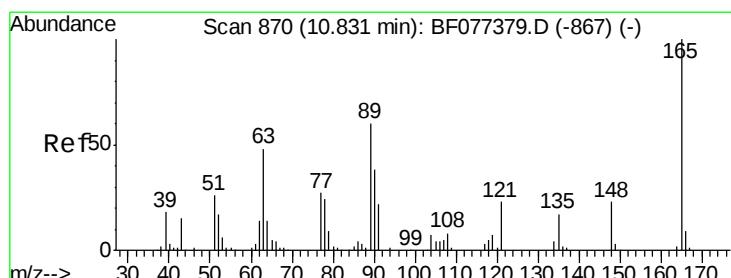
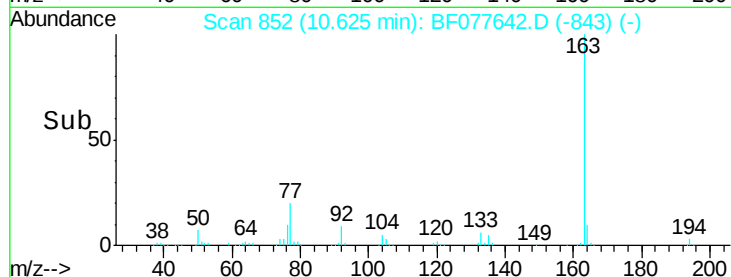
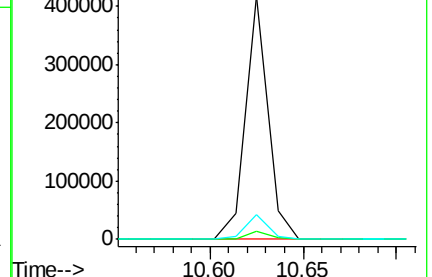
164 10.3 8.6 13.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 46.27 ng

RT: 10.70 min Scan# 858

Delta R.T. -0.00 min

Lab File: BF077642.D

Acq: 9 Mar 2015 17:09

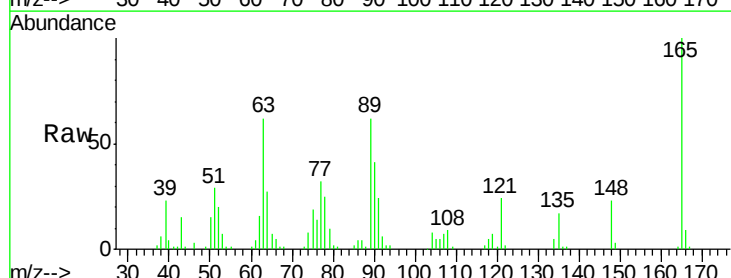
Tgt Ion:165 Resp: 75062

Ion Ratio Lower Upper

165 100

63 61.7 25.2 37.8#

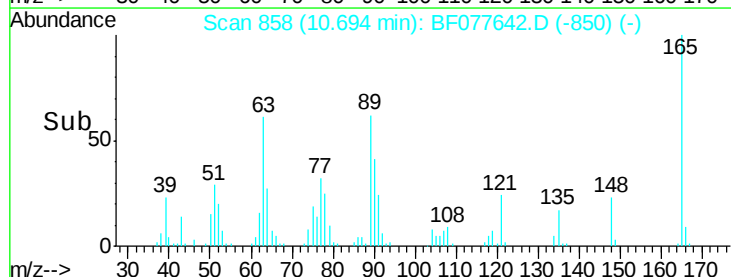
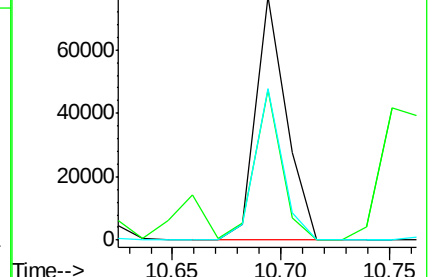
89 62.2 30.5 45.7#

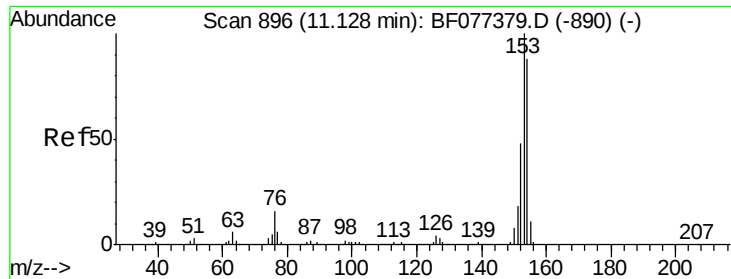


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

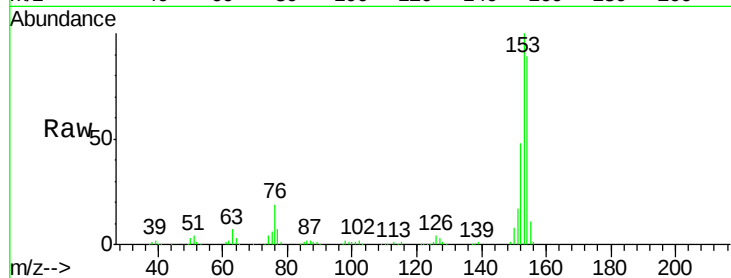




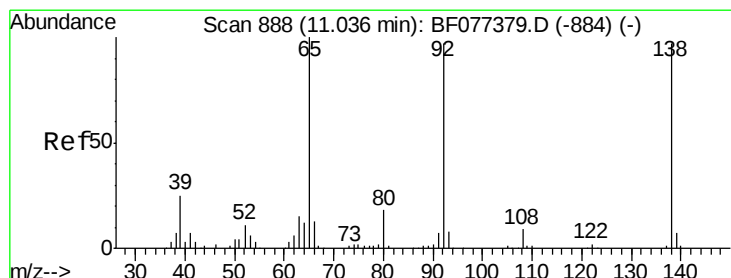
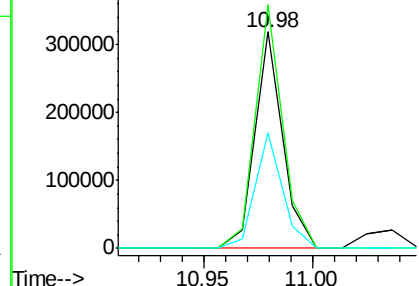
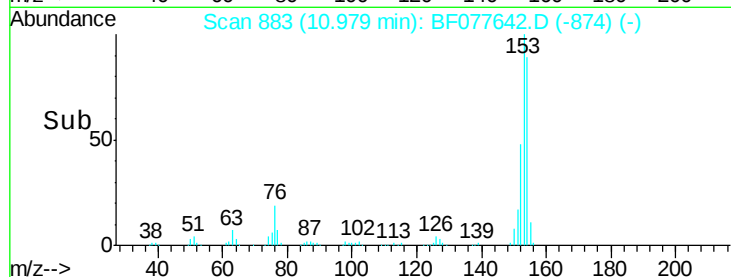
#51
Acenaphthene
Concen: 43.26 ng
RT: 10.98 min Scan# 883
Delta R.T. -0.00 min
Lab File: BF077642.D
Acq: 9 Mar 2015 17:09

Instrument :
BNA_F
ClientSampleId :
PB82019BS

Tot Ion:154 Resp: 279415
Ion Ratio Lower Upper
154 100
153 112.6 90.5 135.7
152 53.7 43.5 65.3

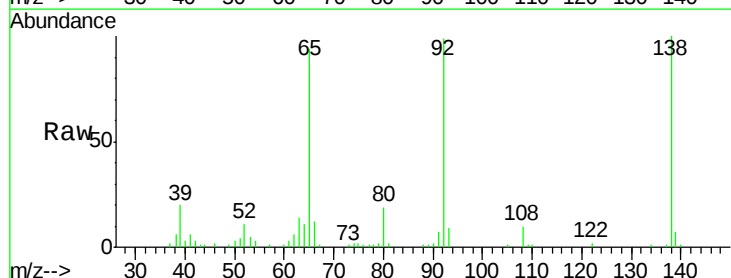


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

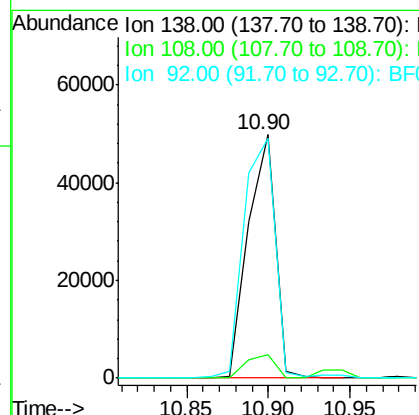
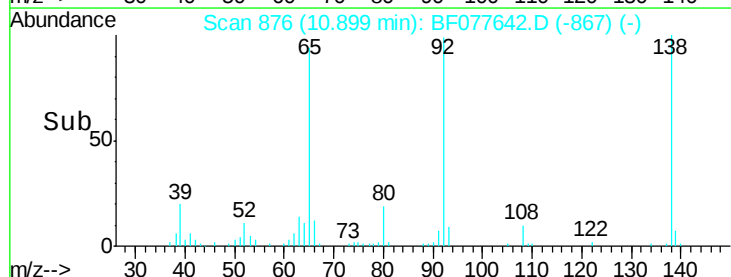


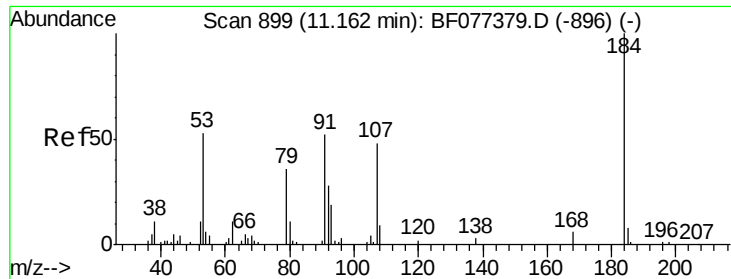
#52
3-Nitroaniline
Concen: 30.83 ng
RT: 10.90 min Scan# 876
Delta R.T. -0.00 min
Lab File: BF077642.D
Acq: 9 Mar 2015 17:09

Tgt Ion:138 Resp: 57659
Ion Ratio Lower Upper
138 100
108 9.6 7.8 11.8
92 98.5 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

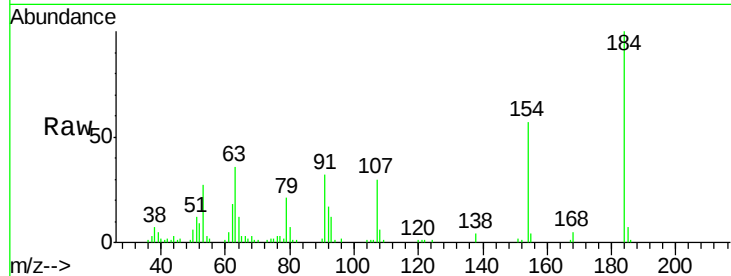




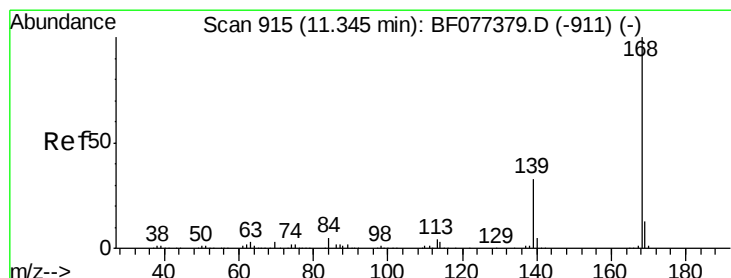
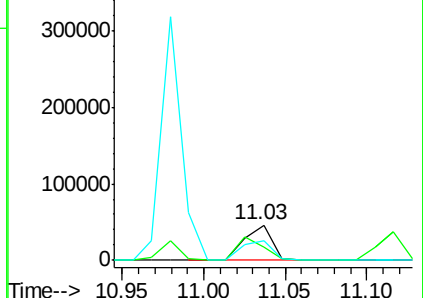
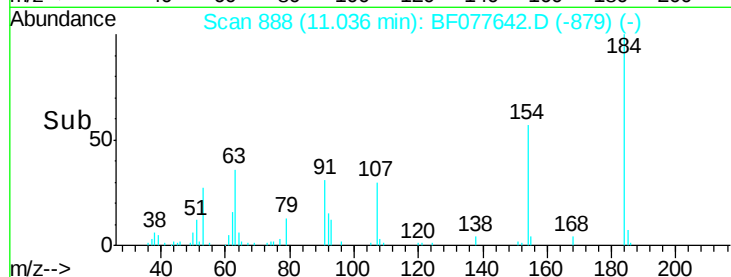
#53
2,4-Dinitrophenol
Concen: 110.75 ng
RT: 11.03 min Scan# 888
Delta R.T. 0.00 min
Lab File: BF077642.D
Acq: 9 Mar 2015 17:09

Instrument :
BNA_F
ClientSampleId :
PB82019BS

Tot Ion:184 Resp: 54666
Ion Ratio Lower Upper
184 100
63 36.0 29.5 44.3
154 57.2 43.2 64.8

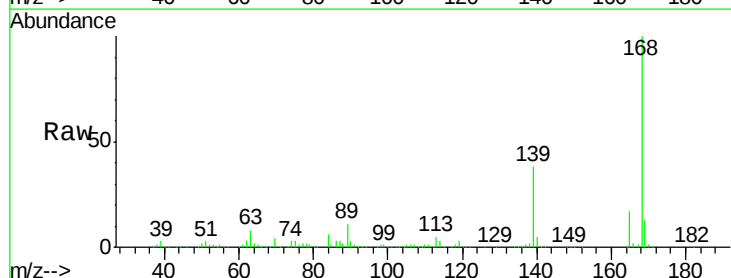


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

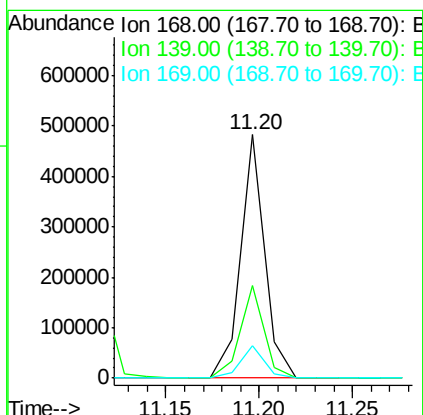
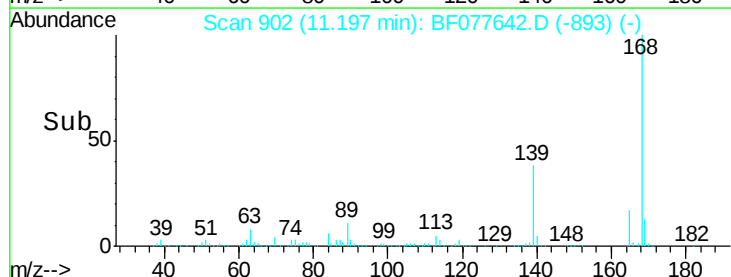


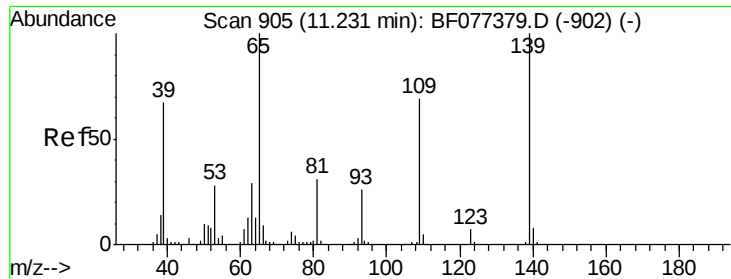
#54
Dibenzofuran
Concen: 43.50 ng
RT: 11.20 min Scan# 902
Delta R.T. 0.00 min
Lab File: BF077642.D
Acq: 9 Mar 2015 17:09

Tgt Ion:168 Resp: 433838
Ion Ratio Lower Upper
168 100
139 37.8 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

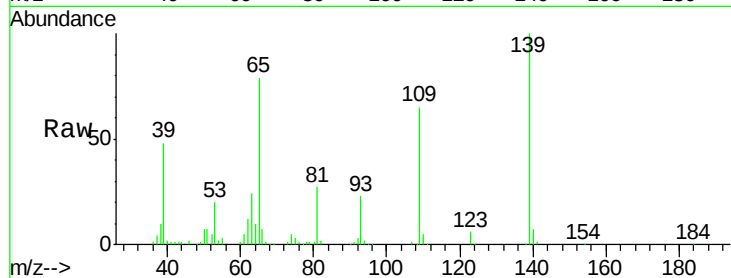




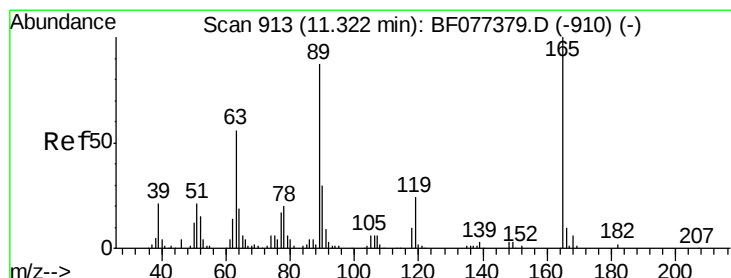
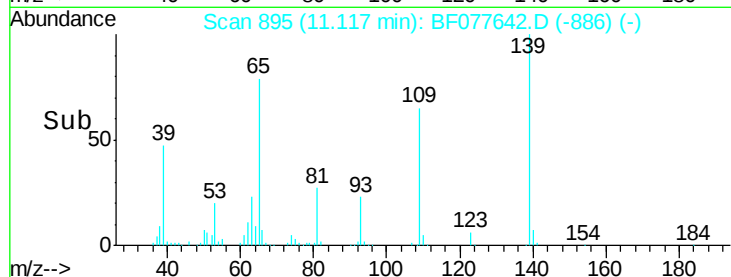
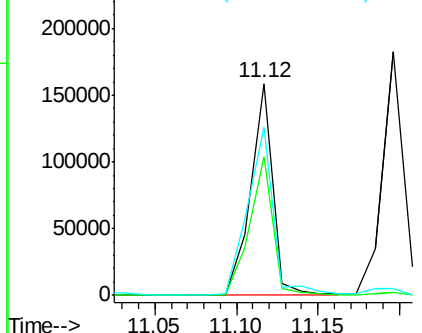
#55
4-Nitrophenol
Concen: 100.26 ng
RT: 11.12 min Scan# 895
Delta R.T. 0.00 min
Lab File: BF077642.D
Acq: 9 Mar 2015 17:09

Instrument :
BNA_F
ClientSampleId :
PB82019BS

Tot Ion:139 Resp: 150823
Ion Ratio Lower Upper
139 100
109 65.1 36.2 76.2
65 79.4 40.3 80.3

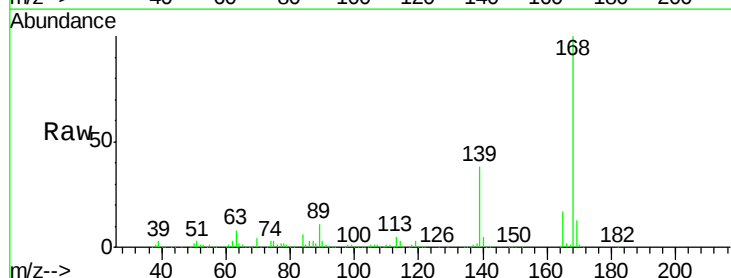


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BFO

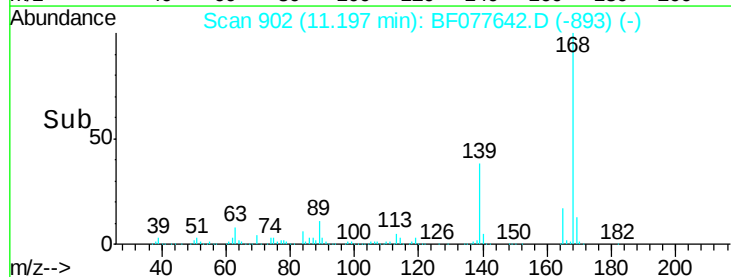
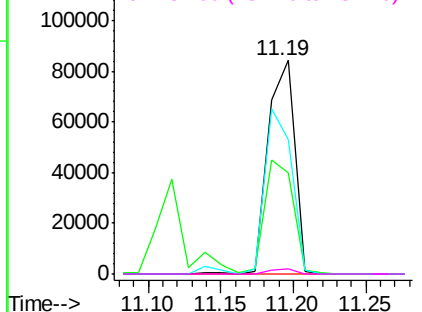


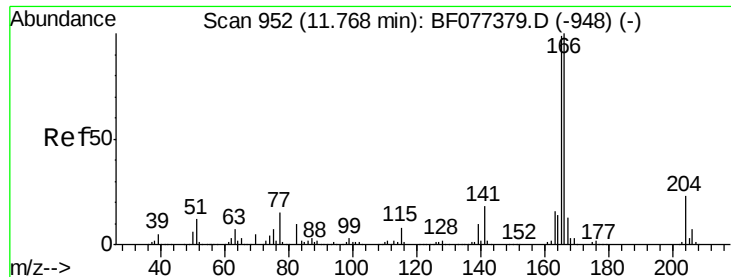
#56
2,4-Dinitrotoluene
Concen: 49.01 ng
RT: 11.19 min Scan# 902
Delta R.T. -0.00 min
Lab File: BF077642.D
Acq: 9 Mar 2015 17:09

Tgt Ion:165 Resp: 107432
Ion Ratio Lower Upper
165 100
63 47.4 29.8 44.8#
89 63.0 48.5 72.7
182 2.1 1.9 2.9



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BFO
Ion 89.00 (88.70 to 89.70): BFO
Ion 182.00 (181.70 to 182.70): E

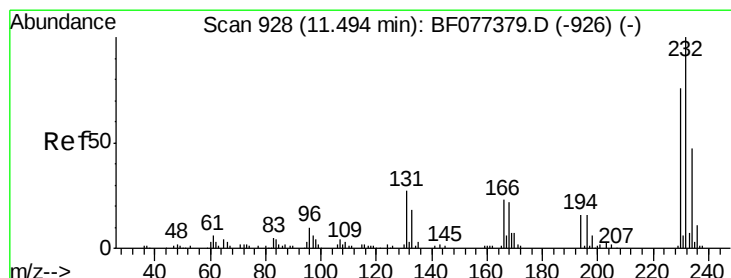
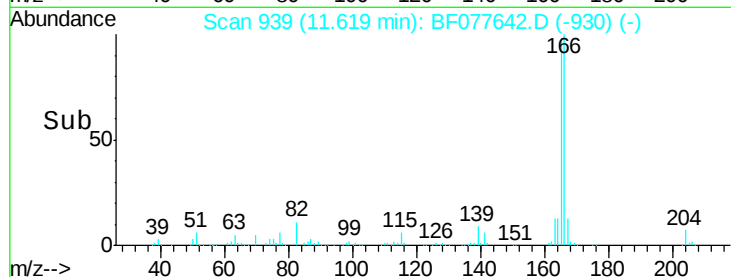
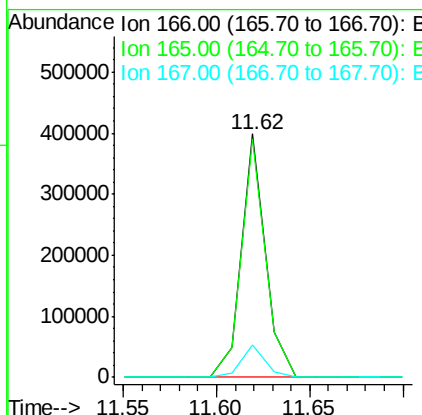
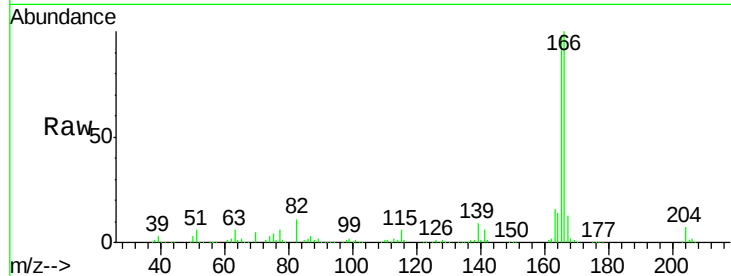




#57
 Fluorene
 Concen: 44.99 ng
 RT: 11.62 min Scan# 939
 Delta R.T. 0.00 min
 Lab File: BF077642.D
 Acq: 9 Mar 2015 17:09

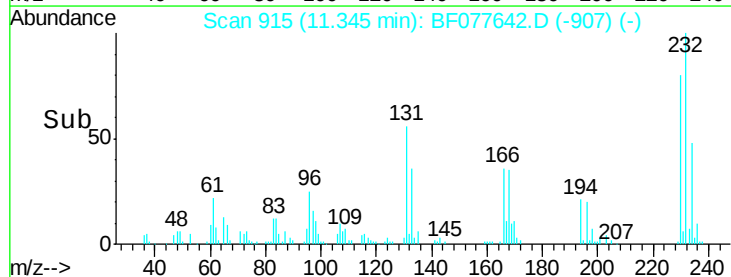
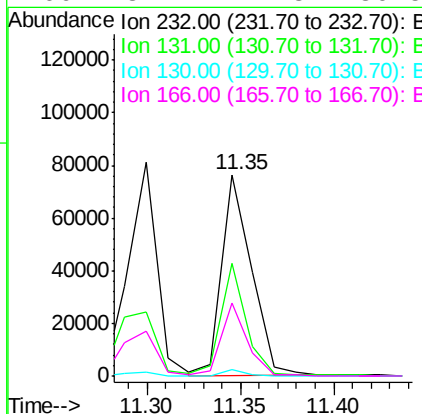
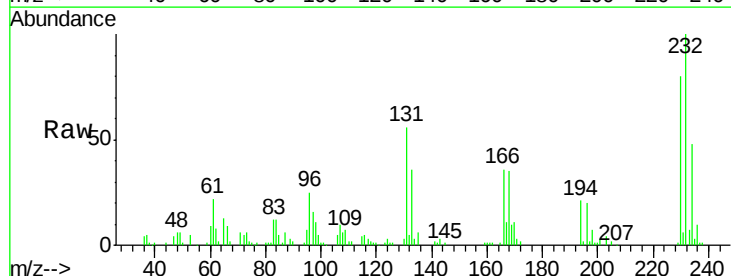
Instrument :
 BNA_F
 ClientSampleId :
 PB82019BS

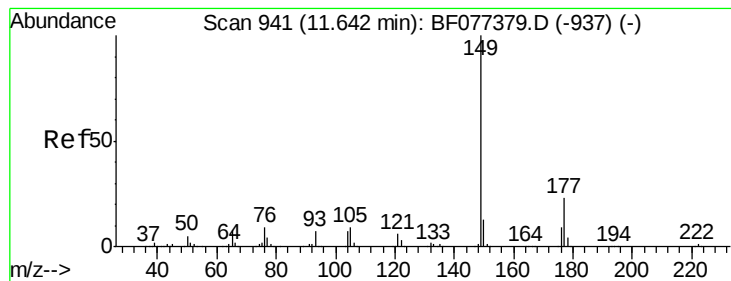
Tot Ion:166 Resp: 358764
 Ion Ratio Lower Upper
 166 100
 165 98.2 77.6 116.4
 167 13.5 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.91 ng
 RT: 11.35 min Scan# 915
 Delta R.T. 0.00 min
 Lab File: BF077642.D
 Acq: 9 Mar 2015 17:09

Tgt Ion:232 Resp: 84420
 Ion Ratio Lower Upper
 232 100
 131 47.0 34.2 51.2
 130 2.3 1.8 2.6
 166 32.2 24.3 36.5





#59

Diethylphthalate

Concen: 43.24 ng

RT: 11.50 min Scan# 929

Delta R.T. -0.00 min

Lab File: BF077642.D

Acq: 9 Mar 2015 17:09

Instrument :

BNA_F

ClientSampleId :

PB82019BS

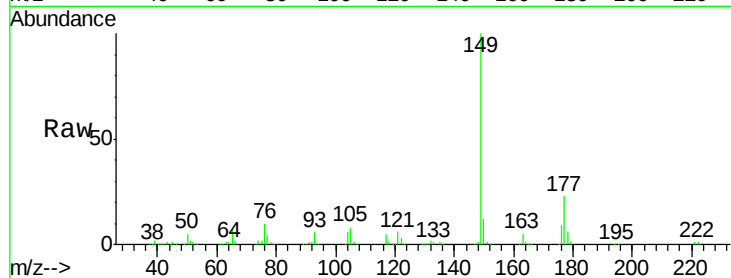
Tot Ion:149 Resp: 344814

Ion Ratio Lower Upper

149 100

177 23.4 17.2 25.8

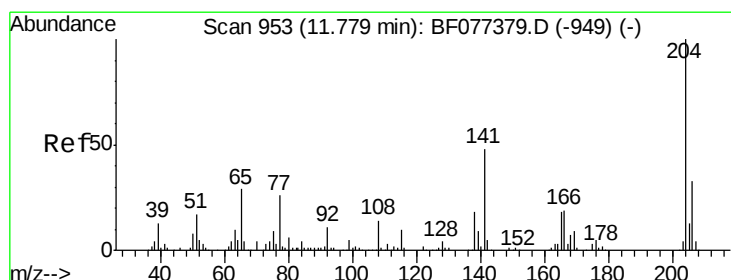
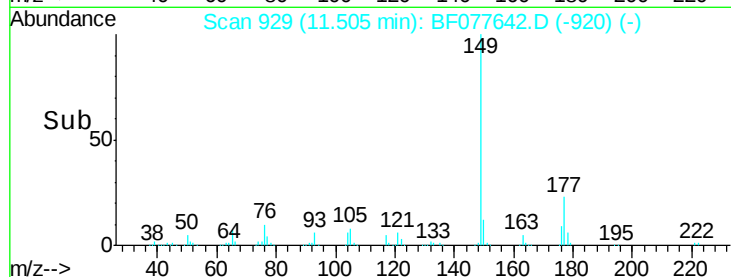
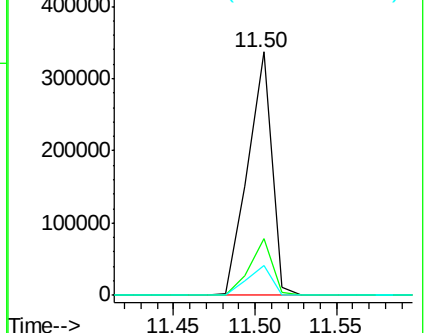
150 12.3 10.5 15.7



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: 42.67 ng

RT: 11.63 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF077642.D

Acq: 9 Mar 2015 17:09

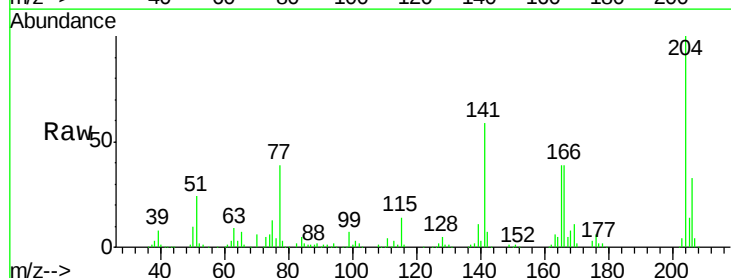
Tgt Ion:204 Resp: 163942

Ion Ratio Lower Upper

204 100

206 33.0 25.9 38.9

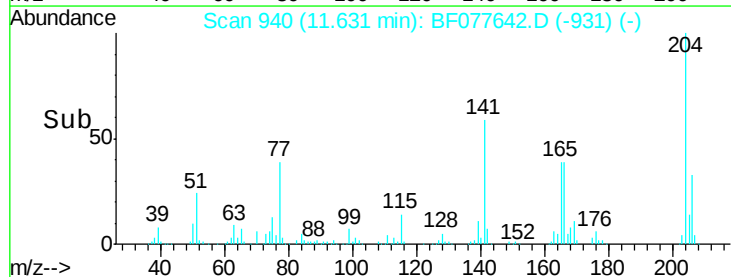
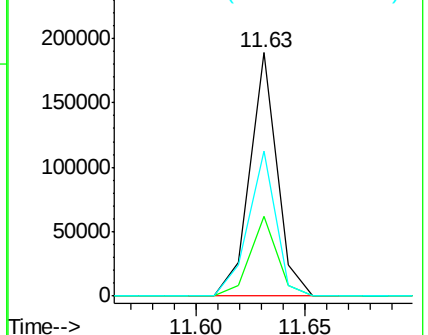
141 59.4 43.6 65.4

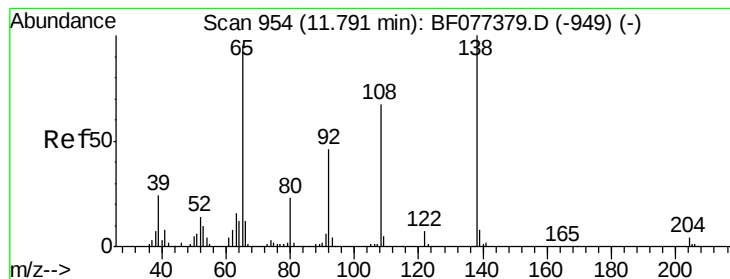


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 48.12 ng

RT: 11.65 min Scan# 941

Delta R.T. -0.00 min

Lab File: BF077642.D

Acq: 9 Mar 2015 17:09

Instrument :

BNA_F

ClientSampleId :

PB82019BS

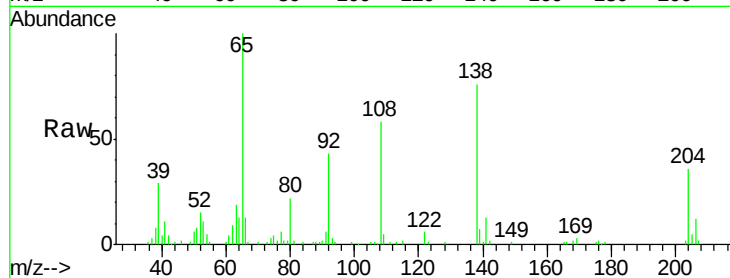
Tot Ion:138 Resp: 86254

Ion Ratio Lower Upper

138 100

92 56.2 32.8 72.8

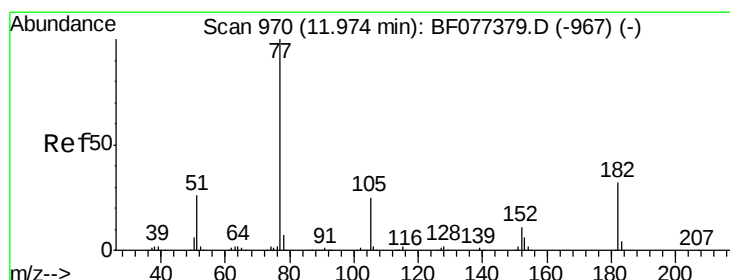
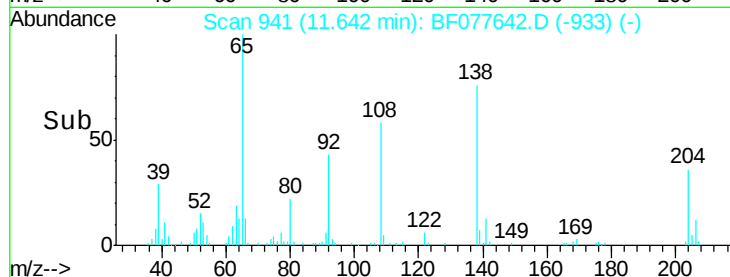
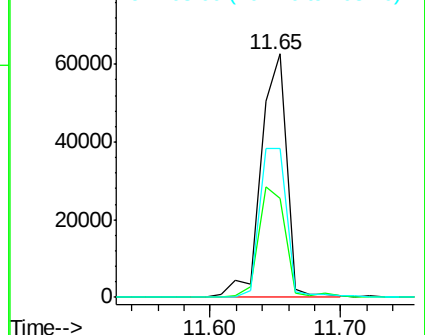
108 76.0 52.1 92.1



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: 44.70 ng

RT: 11.82 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF077642.D

Acq: 9 Mar 2015 17:09

Tgt Ion: 77 Resp: 338226

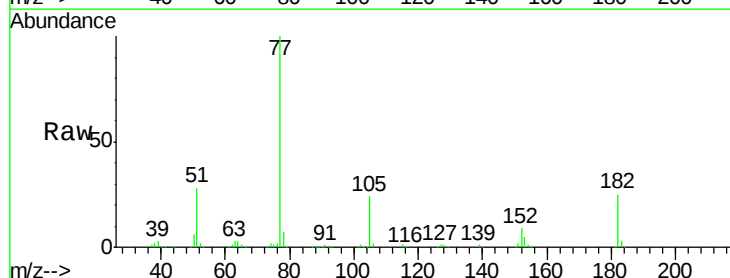
Ion Ratio Lower Upper

77 100

182 24.8 4.9 44.9

105 23.6 3.3 43.3

51 28.0 8.9 48.9

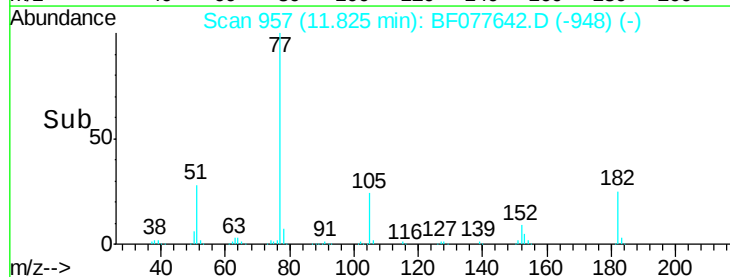
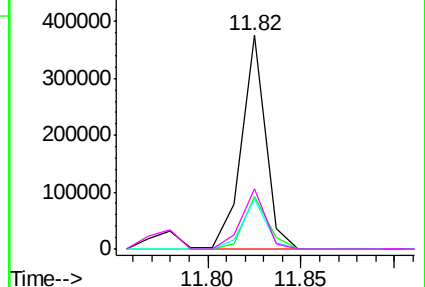


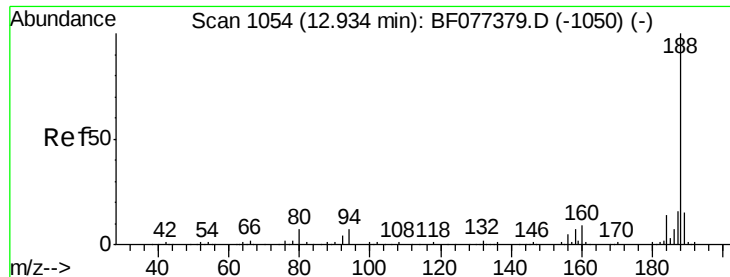
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

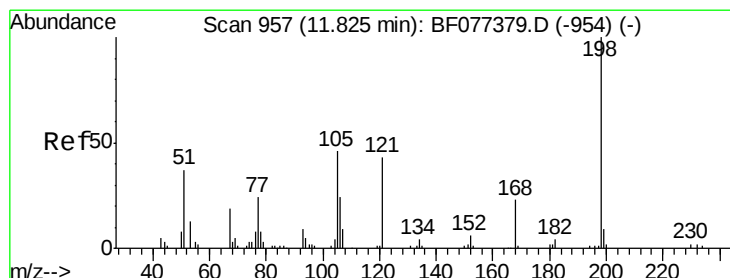
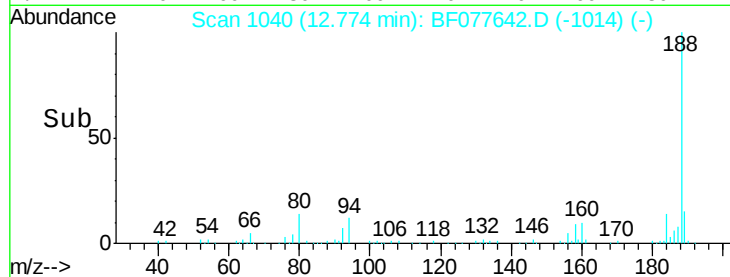
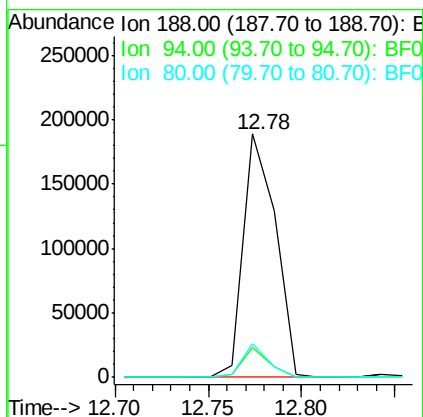
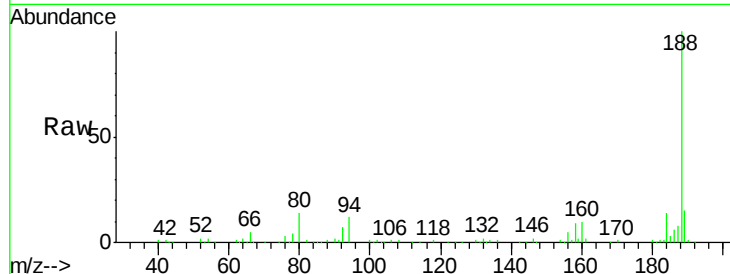




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.78 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: BF077642.D
 Acq: 9 Mar 2015 17:09

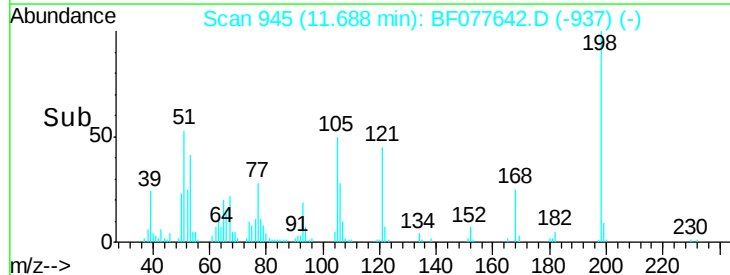
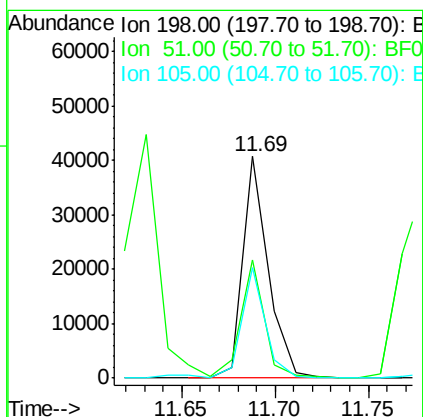
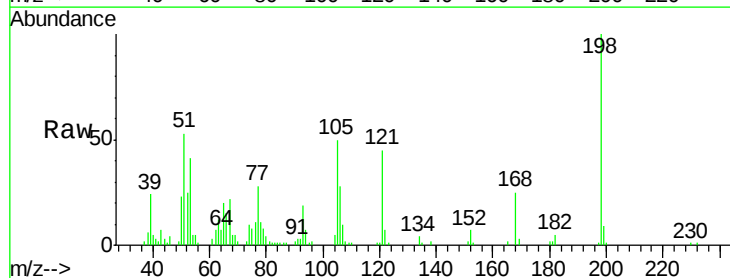
Instrument :
 BNA_F
 ClientSampleId :
 PB82019BS

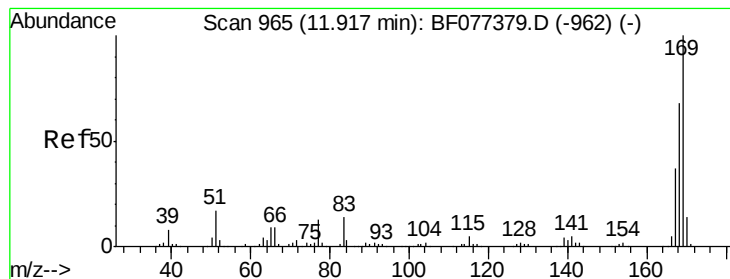
Tot Ion:188 Resp: 226247
 Ion Ratio Lower Upper
 188 100
 94 12.1 7.4 11.2#
 80 13.6 8.0 12.0#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 43.22 ng
 RT: 11.69 min Scan# 945
 Delta R.T. -0.00 min
 Lab File: BF077642.D
 Acq: 9 Mar 2015 17:09

Tgt Ion:198 Resp: 38654
 Ion Ratio Lower Upper
 198 100
 51 53.5 2.7 42.7#
 105 50.2 10.0 50.0#

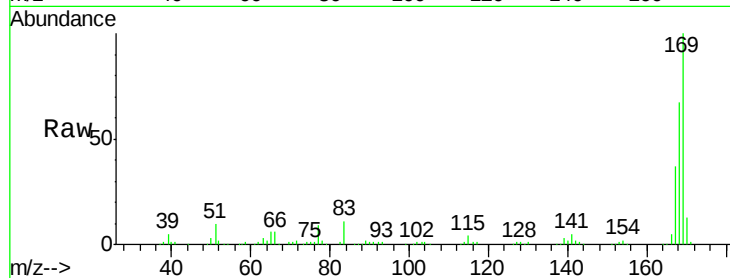




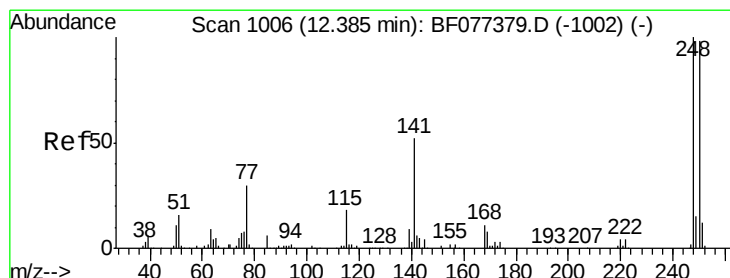
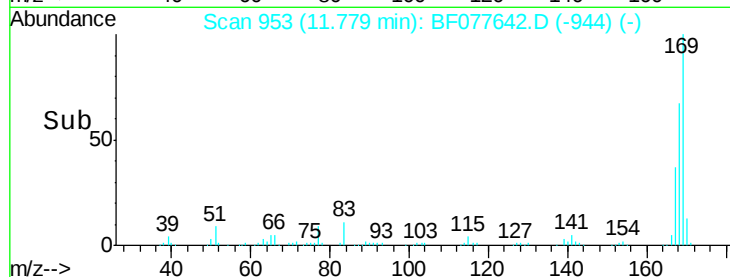
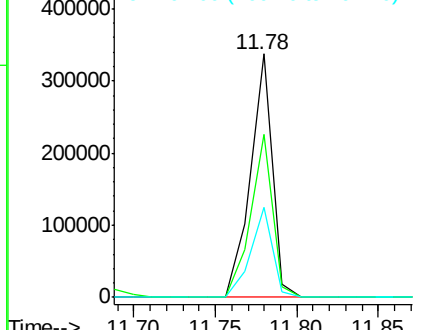
#65
 n-Nitrosodiphenylamine
 Concen: 41.89 ng
 RT: 11.78 min Scan# 953
 Delta R.T. -0.00 min
 Lab File: BF077642.D
 Acq: 9 Mar 2015 17:09

Instrument :
 BNA_F
 ClientSampleId :
 PB82019BS

Tot Ion:169 Resp: 314456
 Ion Ratio Lower Upper
 169 100
 168 66.8 53.0 79.6
 167 37.1 29.5 44.3

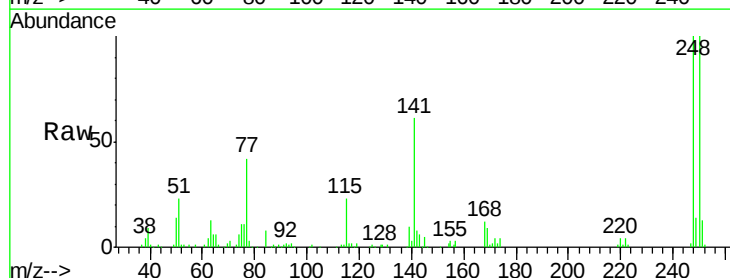


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

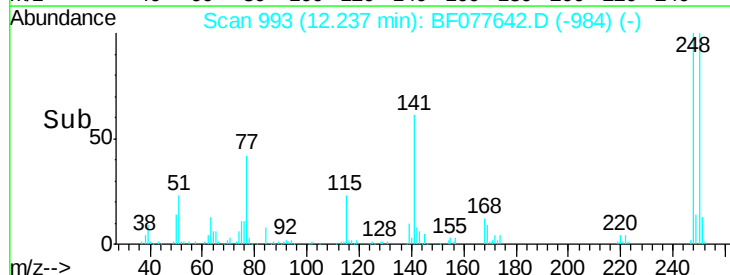
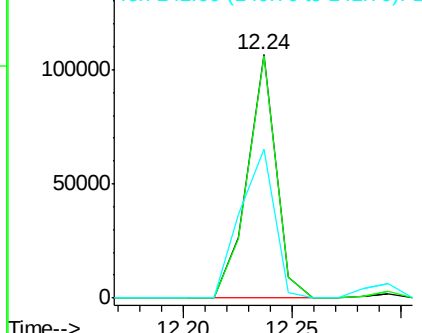


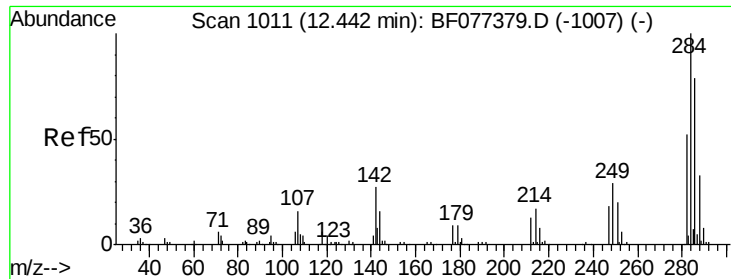
#66
 4-Bromophenyl-phenylether
 Concen: 36.77 ng
 RT: 12.24 min Scan# 993
 Delta R.T. -0.00 min
 Lab File: BF077642.D
 Acq: 9 Mar 2015 17:09

Tgt Ion:248 Resp: 97411
 Ion Ratio Lower Upper
 248 100
 250 99.7 78.0 117.0
 141 61.1 54.1 81.1



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

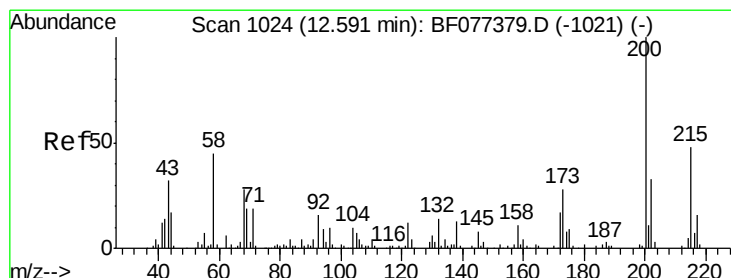
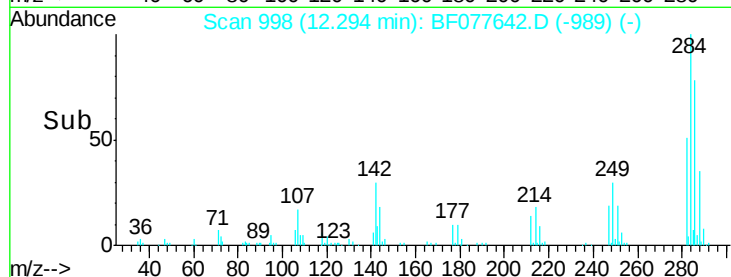
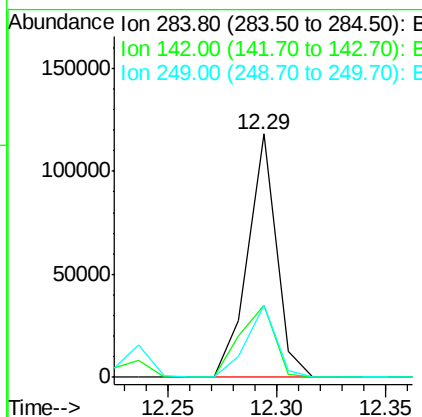
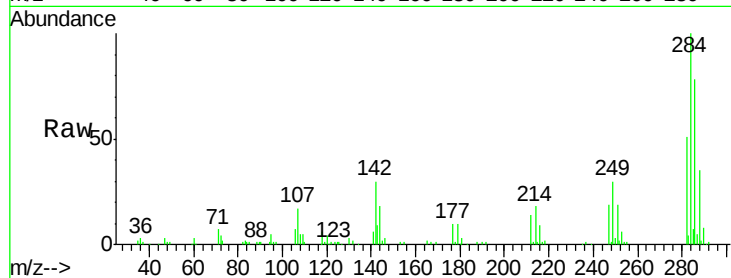




#67
Hexachlorobenzene
Concen: 38.12 ng
RT: 12.29 min Scan# 998
Delta R.T. -0.00 min
Lab File: BF077642.D
Acq: 9 Mar 2015 17:09

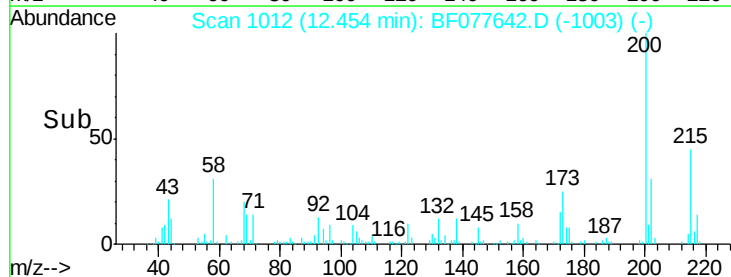
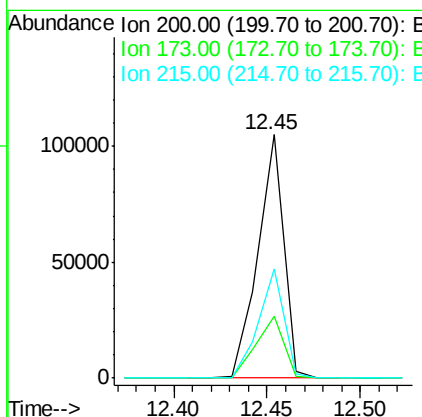
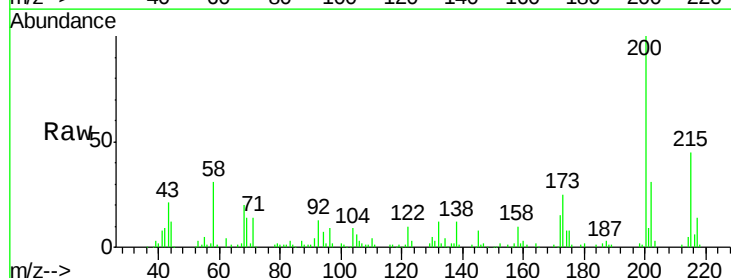
Instrument :
BNA_F
ClientSampleId :
PB82019BS

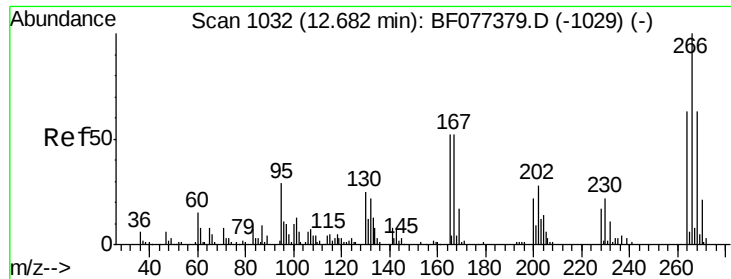
Tot Ion:284 Resp: 108388
Ion Ratio Lower Upper
284 100
142 29.9 31.6 47.4#
249 29.7 27.0 40.4



#68
Atrazine
Concen: 41.02 ng
RT: 12.45 min Scan# 1012
Delta R.T. -0.00 min
Lab File: BF077642.D
Acq: 9 Mar 2015 17:09

Tgt Ion:200 Resp: 100103
Ion Ratio Lower Upper
200 100
173 25.4 9.6 49.6
215 45.0 24.4 64.4

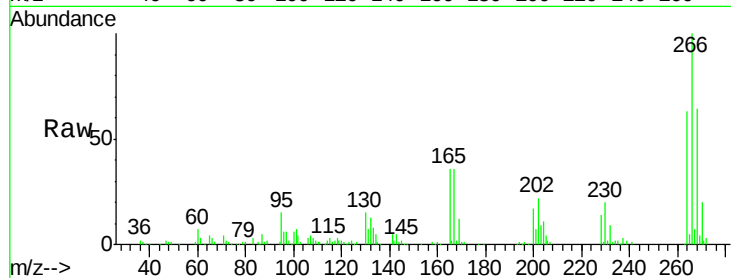




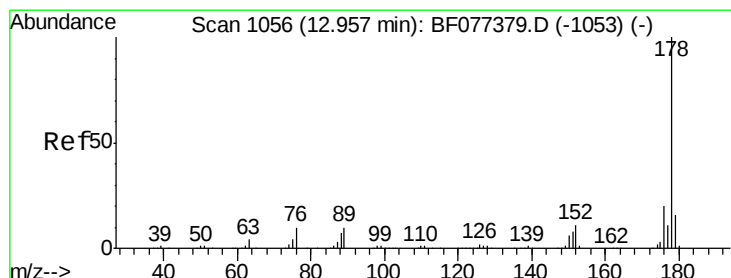
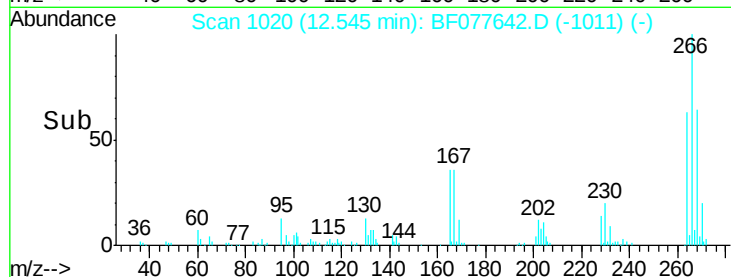
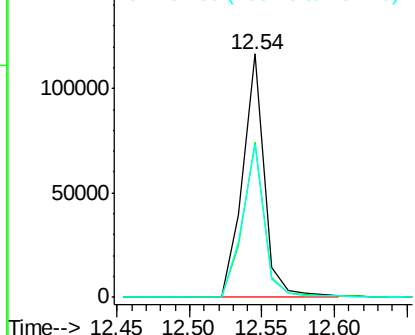
#69
 Pentachlorophenol
 Concen: 81.44 ng
 RT: 12.54 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: BF077642.D
 Acq: 9 Mar 2015 17:09

Instrument :
 BNA_F
 ClientSampleId :
 PB82019BS

Tot Ion:266 Resp: 121718
 Ion Ratio Lower Upper
 266 100
 268 64.0 51.2 76.8
 264 62.5 50.7 76.1

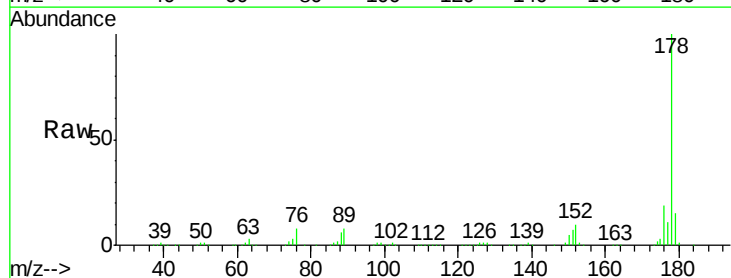


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

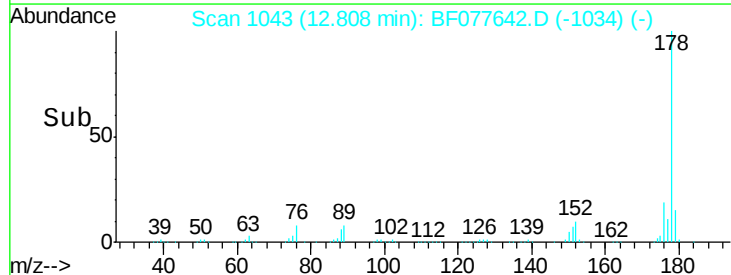
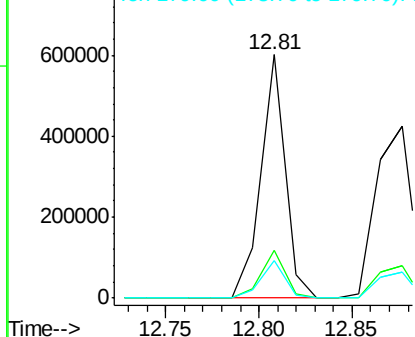


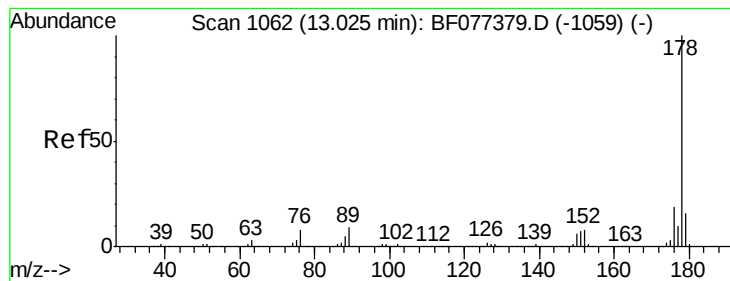
#70
 Phenanthrene
 Concen: 41.23 ng
 RT: 12.81 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BF077642.D
 Acq: 9 Mar 2015 17:09

Tgt Ion:178 Resp: 540600
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.5 23.3
 179 15.3 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: 41.40 ng

RT: 12.87 min Scan# 1049

Delta R.T. 0.00 min

Lab File: BF077642.D

Acq: 9 Mar 2015 17:09

Instrument :

BNA_F

ClientSampleId :

PB82019BS

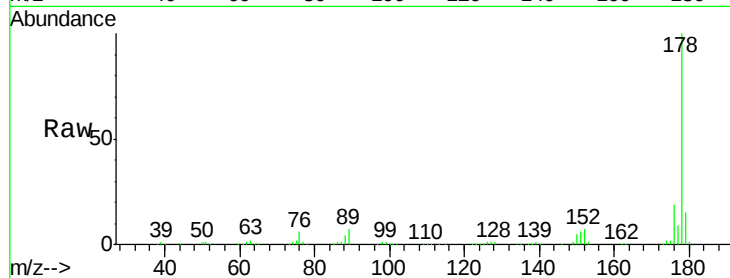
Tot Ion:178 Resp: 538684

Ion Ratio Lower Upper

178 100

176 18.7 15.4 23.0

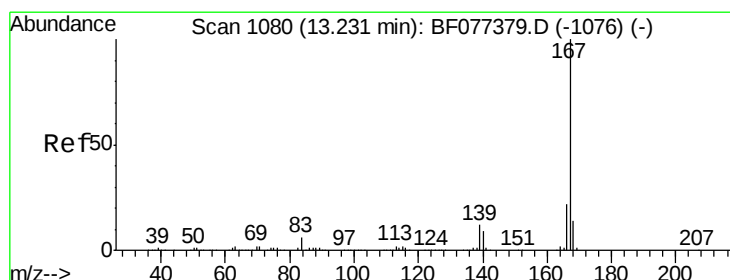
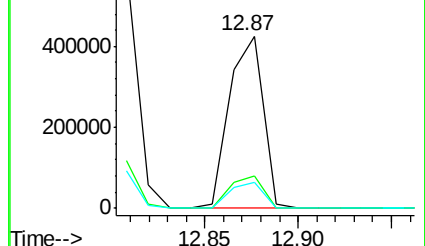
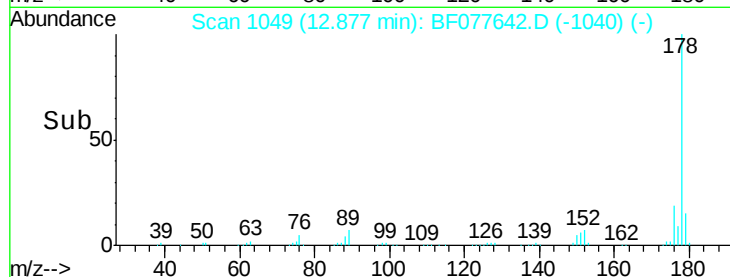
179 15.1 12.9 19.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 43.16 ng

RT: 13.08 min Scan# 1067

Delta R.T. -0.00 min

Lab File: BF077642.D

Acq: 9 Mar 2015 17:09

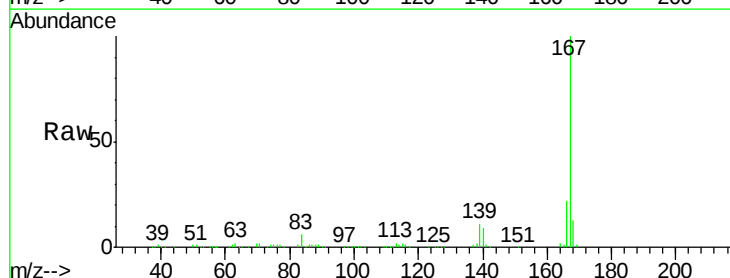
Tgt Ion:167 Resp: 534055

Ion Ratio Lower Upper

167 100

166 21.6 17.6 26.4

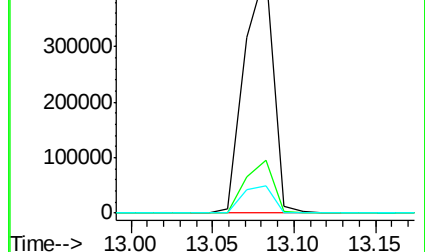
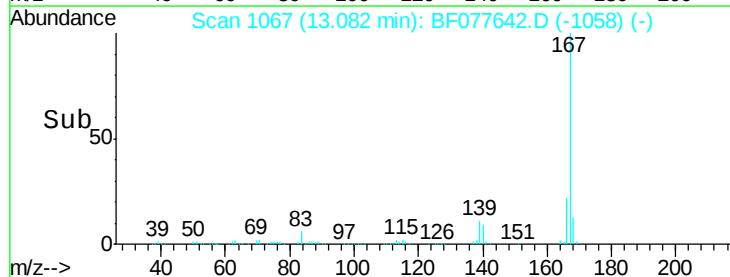
139 11.3 9.9 14.9

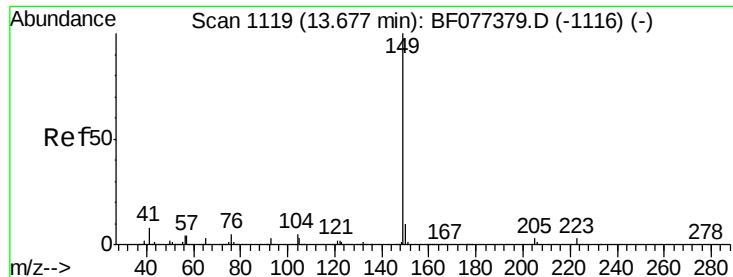


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

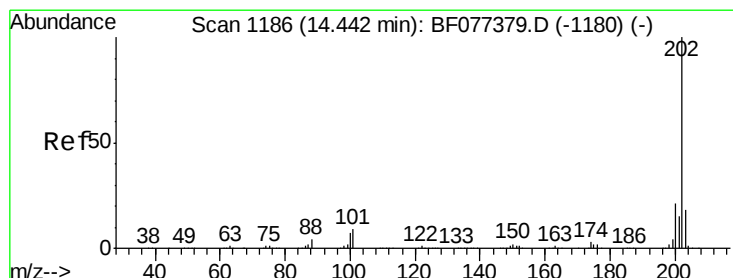
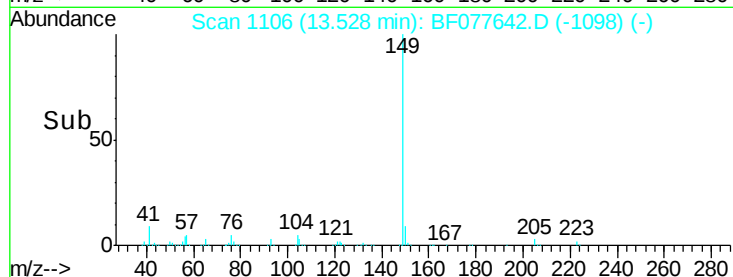
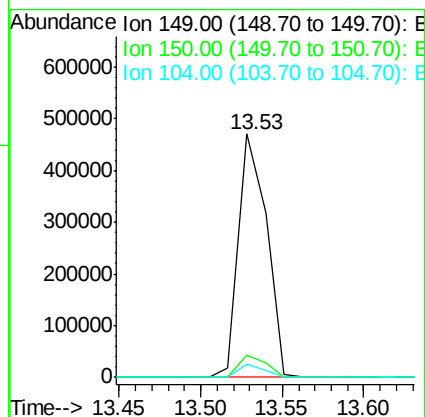
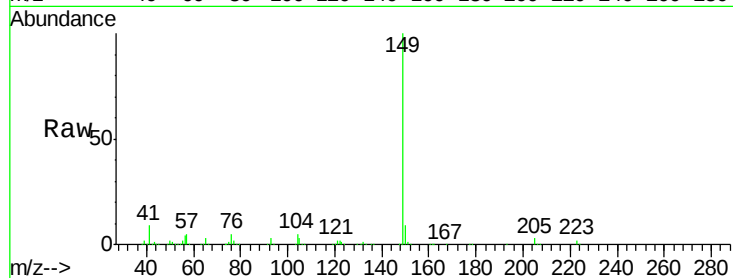




#73
Di-n-butylphthalate
Concen: 38.36 ng
RT: 13.53 min Scan# 1106
Delta R.T. 0.00 min
Lab File: BF077642.D
Acq: 9 Mar 2015 17:09

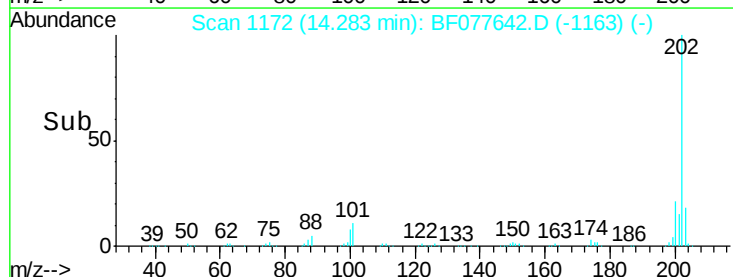
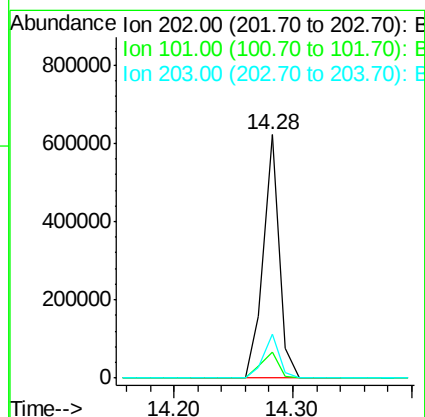
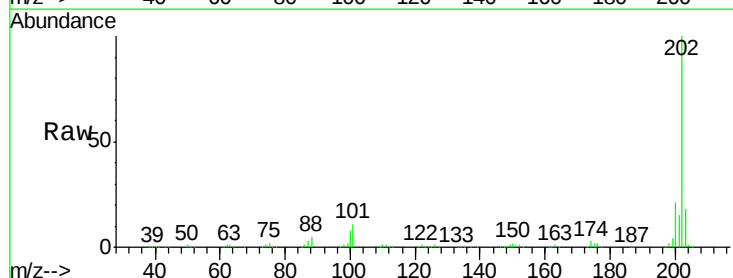
Instrument :
BNA_F
ClientSampleId :
PB82019BS

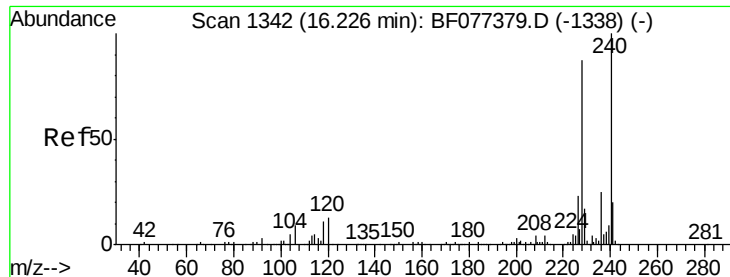
Tot Ion:149 Resp: 557319
Ion Ratio Lower Upper
149 100
150 9.3 7.8 11.8
104 5.2 4.1 6.1



#74
Fluoranthene
Concen: 41.38 ng
RT: 14.28 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BF077642.D
Acq: 9 Mar 2015 17:09

Tgt Ion:202 Resp: 592736
Ion Ratio Lower Upper
202 100
101 10.5 0.0 30.8
203 17.8 0.0 37.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.06 min Scan# 1328

Delta R.T. 0.00 min

Lab File: BF077642.D

Acq: 9 Mar 2015 17:09

Instrument :

BNA_F

ClientSampleId :

PB82019BS

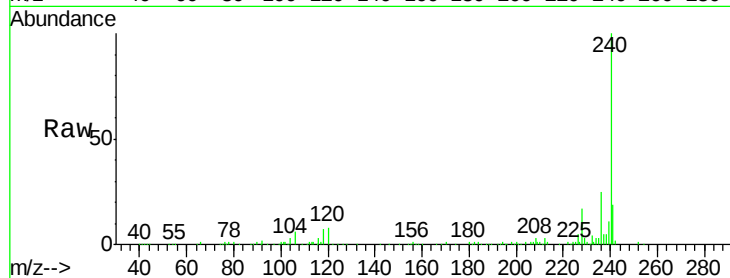
Tot Ion:240 Resp: 252080

Ion Ratio Lower Upper

240 100

120 8.3 8.8 13.2#

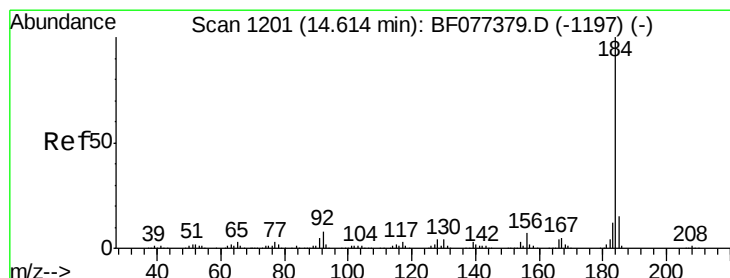
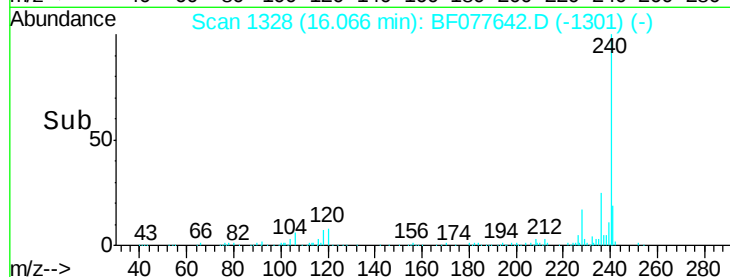
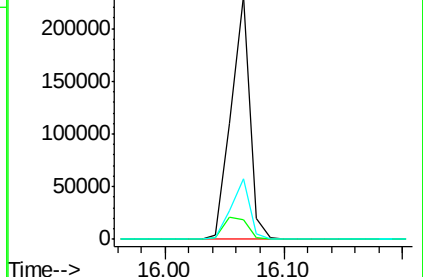
236 24.6 20.7 31.1



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: 26.90 ng

RT: 14.46 min Scan# 1188

Delta R.T. 0.00 min

Lab File: BF077642.D

Acq: 9 Mar 2015 17:09

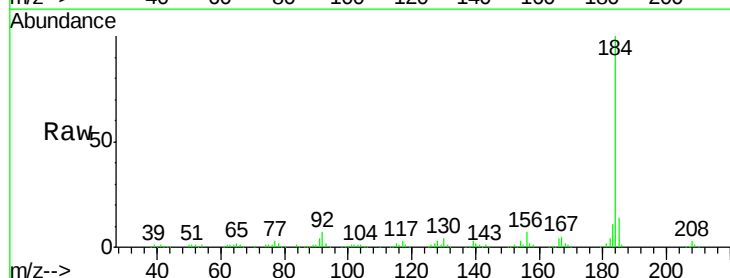
Tgt Ion:184 Resp: 229102

Ion Ratio Lower Upper

184 100

185 14.2 12.6 18.8

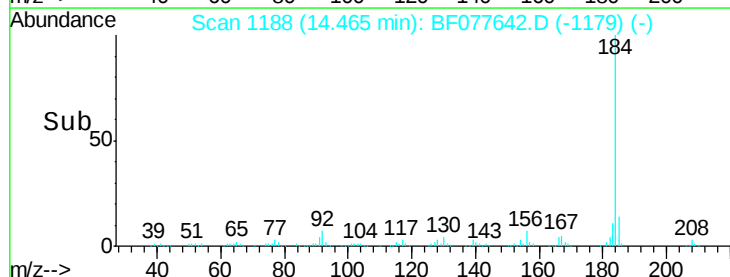
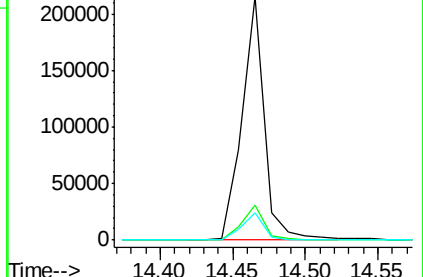
183 11.1 9.3 13.9

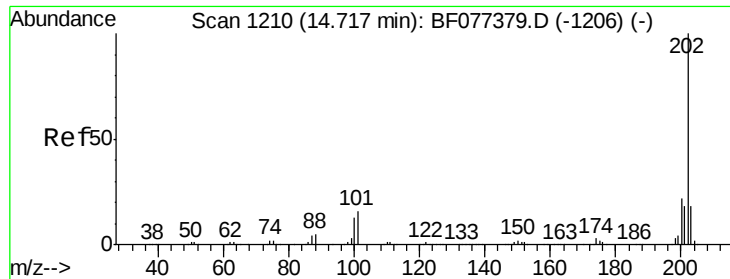


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

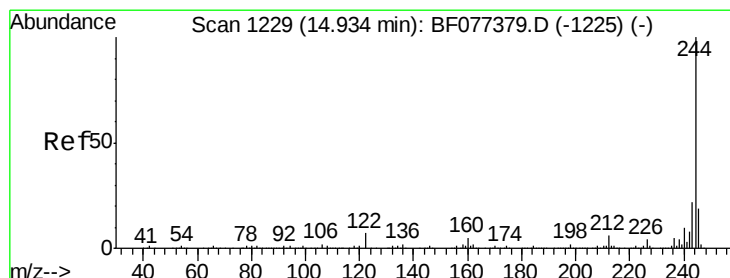
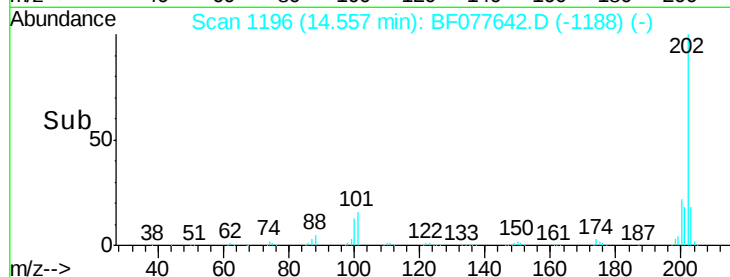
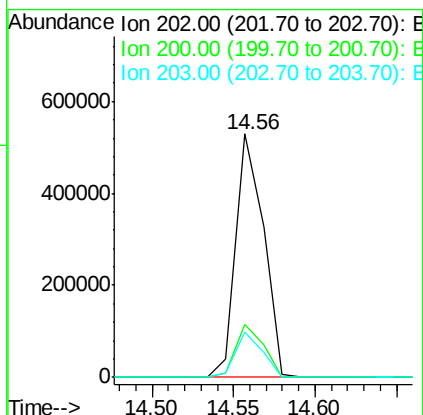
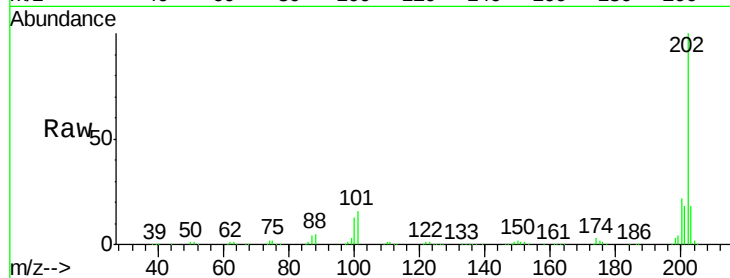




#77
Pvrene
Concen: 40.27 ng
RT: 14.56 min Scan# 1196
Delta R.T. 0.00 min
Lab File: BF077642.D
Acq: 9 Mar 2015 17:09

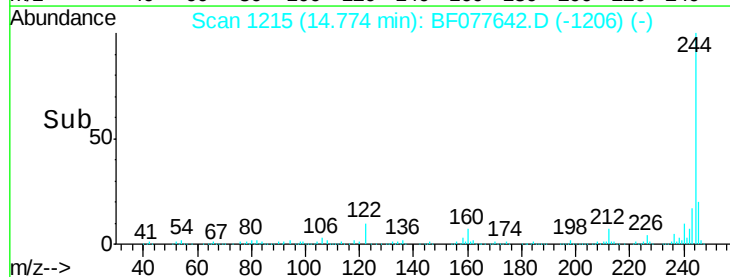
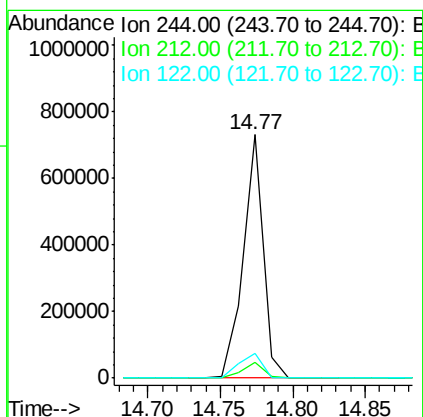
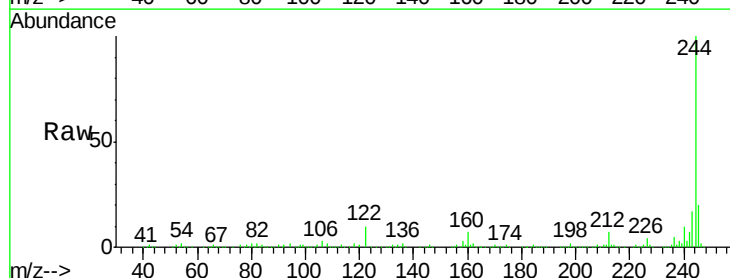
Instrument :
BNA_F
ClientSampleId :
PB82019BS

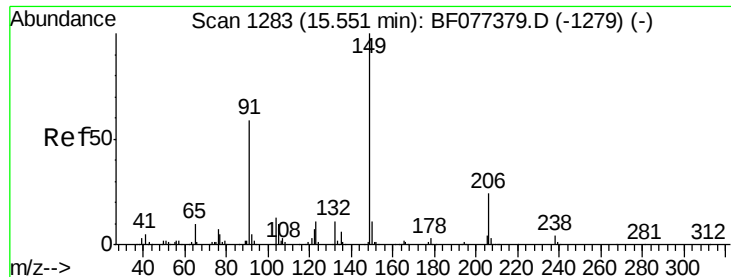
Tot Ion:202 Resp: 620974
Ion Ratio Lower Upper
202 100
200 21.6 17.1 25.7
203 18.5 14.2 21.2



#78
Terphenyl-d14
Concen: 64.99 ng
RT: 14.77 min Scan# 1215
Delta R.T. 0.00 min
Lab File: BF077642.D
Acq: 9 Mar 2015 17:09

Tgt Ion:244 Resp: 700777
Ion Ratio Lower Upper
244 100
212 6.6 5.2 7.8
122 10.1 7.8 11.8

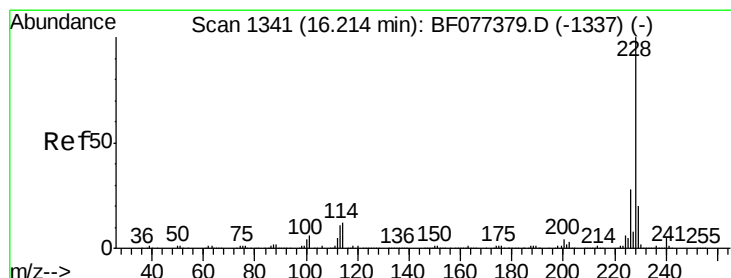
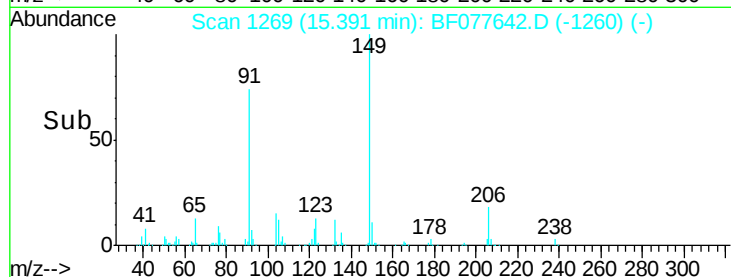
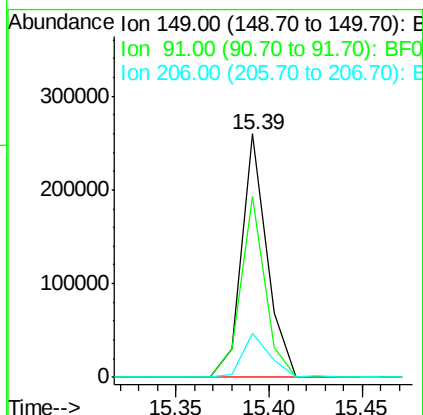
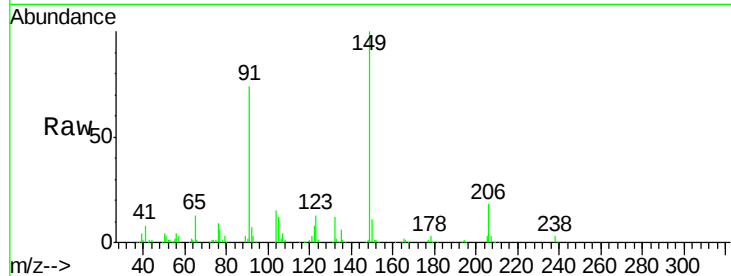




#79
Butylbenzylphthalate
Concen: 38.96 ng
RT: 15.39 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BF077642.D
Acq: 9 Mar 2015 17:09

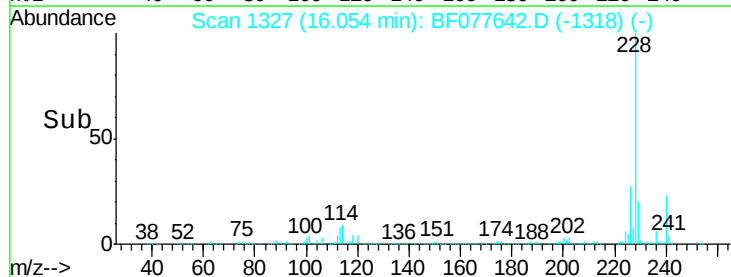
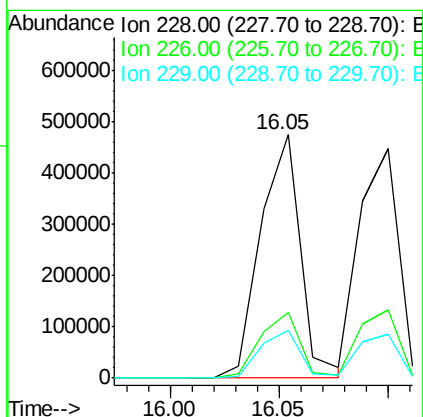
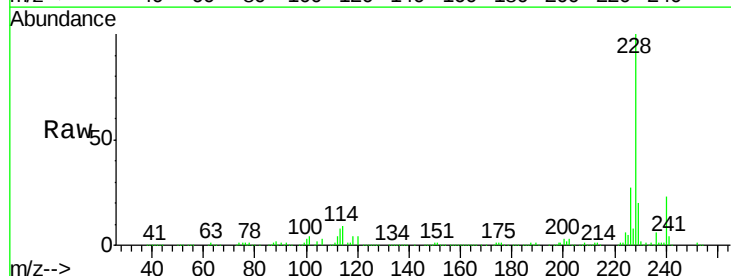
Instrument :
BNA_F
ClientSampleId :
PB82019BS

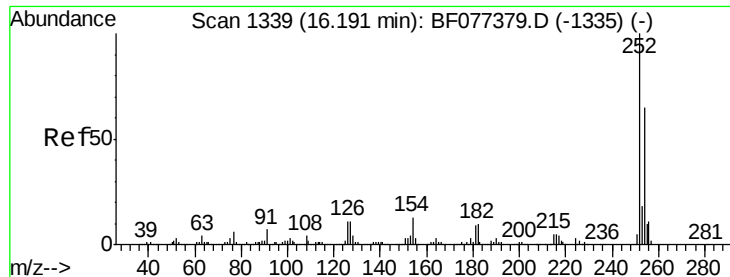
Tot Ion:149 Resp: 247179
Ion Ratio Lower Upper
149 100
91 74.2 51.2 76.8
206 18.0 17.8 26.8



#80
Benzo(a)anthracene
Concen: 41.29 ng
RT: 16.05 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BF077642.D
Acq: 9 Mar 2015 17:09

Tgt Ion:228 Resp: 610084
Ion Ratio Lower Upper
228 100
226 27.2 22.0 33.0
229 19.7 15.8 23.8

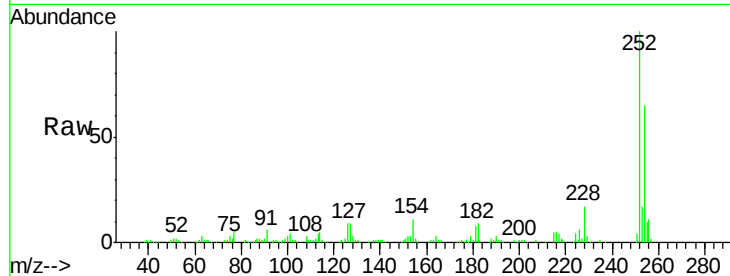




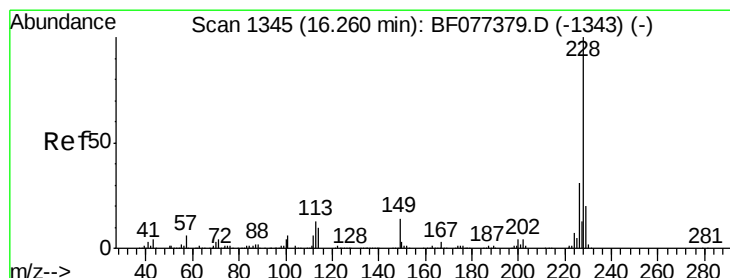
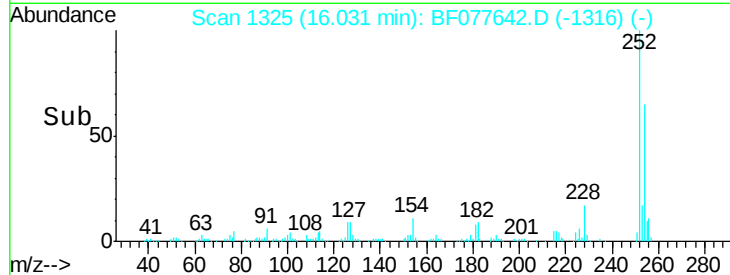
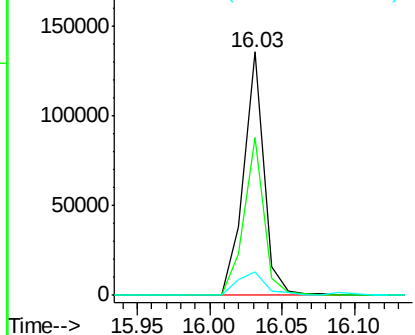
#81
 3,3'-Dichlorobenzidine
 Concen: 24.70 ng
 RT: 16.03 min Scan# 1325
 Delta R.T. 0.00 min
 Lab File: BF077642.D
 Acq: 9 Mar 2015 17:09

Instrument :
 BNA_F
 ClientSampleId :
 PB82019BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.8	52.9	79.3
126	9.4	7.3	10.9

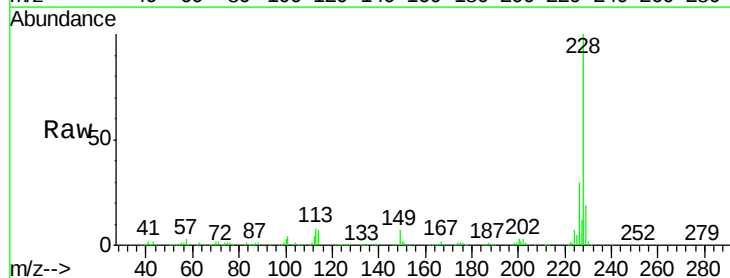


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

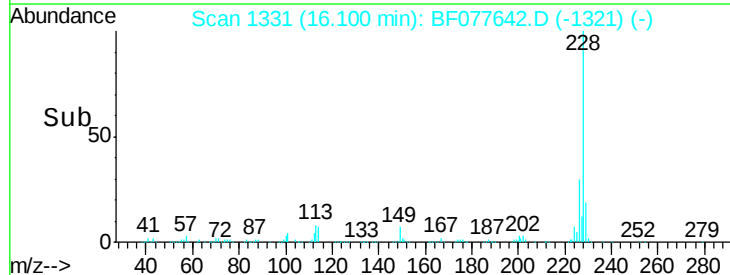
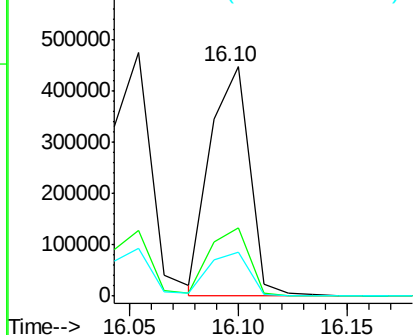


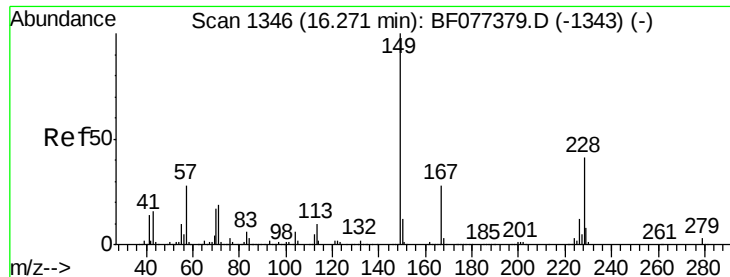
#82
 Chrysene
 Concen: 40.37 ng
 RT: 16.10 min Scan# 1331
 Delta R.T. 0.00 min
 Lab File: BF077642.D
 Acq: 9 Mar 2015 17:09

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.9	37.3
229	19.1	16.4	24.6



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

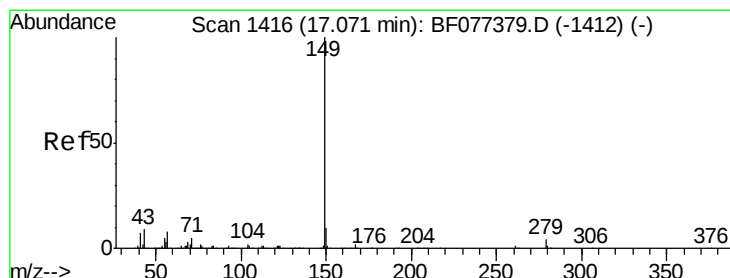
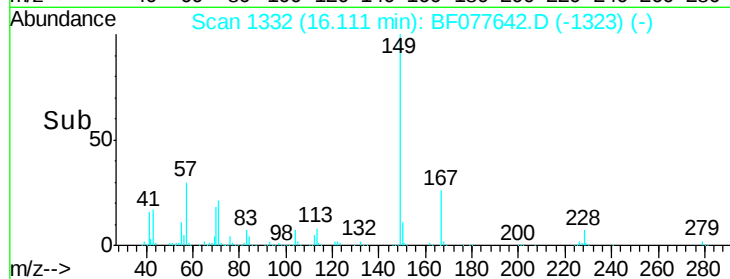
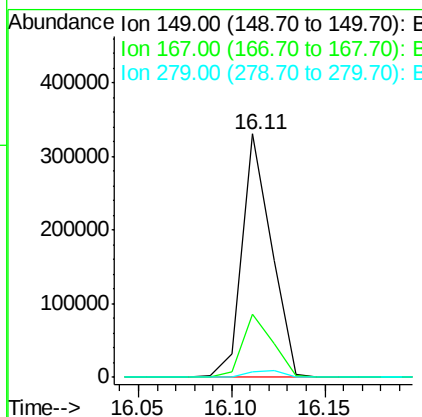
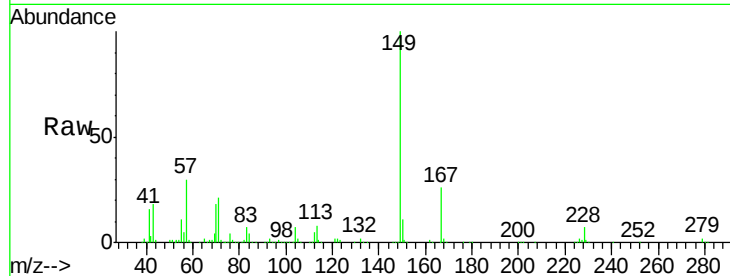




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 35.51 ng
 RT: 16.11 min Scan# 1332
 Delta R.T. 0.01 min
 Lab File: BF077642.D
 Acq: 9 Mar 2015 17:09

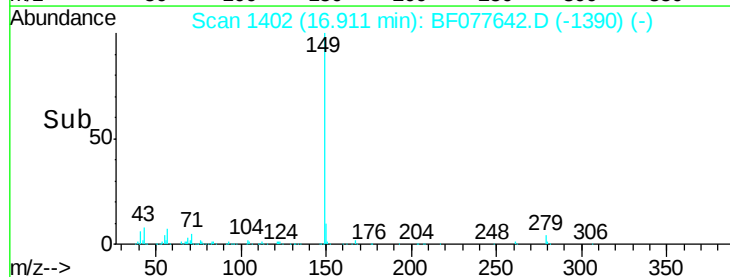
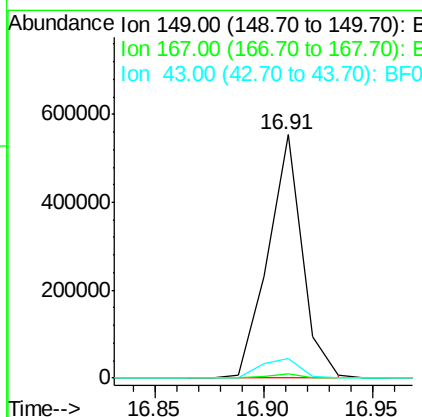
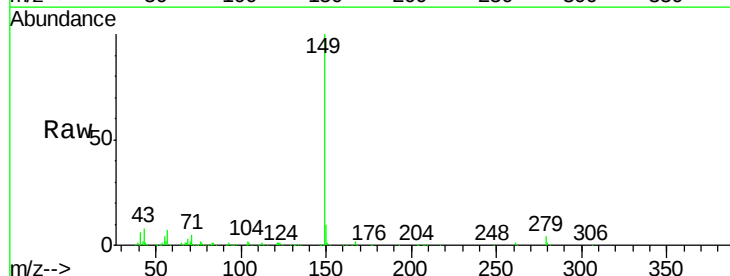
Instrument :
 BNA_F
 ClientSampleId :
 PB82019BS

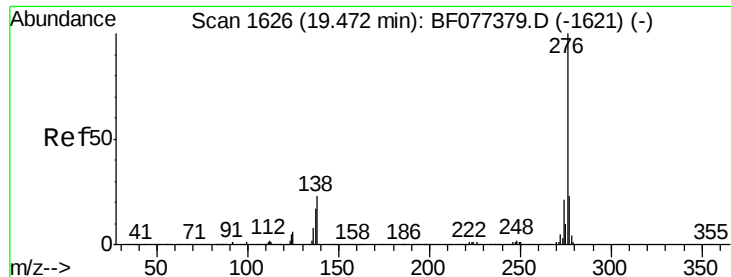
Tot Ion:149 Resp: 361198
 Ion Ratio Lower Upper
 149 100
 167 25.7 22.8 34.2
 279 2.2 3.8 5.6#



#84
 Di-n-octyl phthalate
 Concen: 35.97 ng
 RT: 16.91 min Scan# 1402
 Delta R.T. 0.03 min
 Lab File: BF077642.D
 Acq: 9 Mar 2015 17:09

Tgt Ion:149 Resp: 610855
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 9.3 8.1 12.1

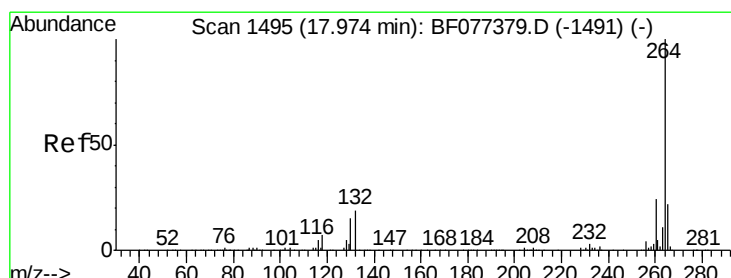
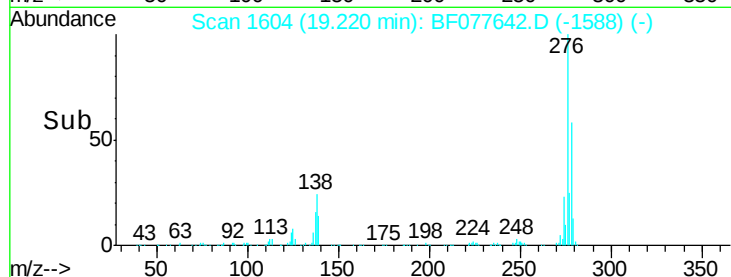
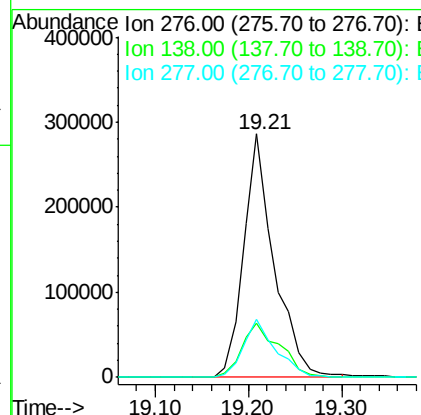
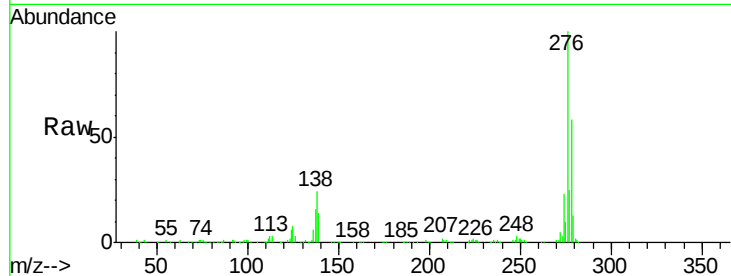




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.15 ng
 RT: 19.21 min Scan# 1604
 Delta R.T. 0.07 min
 Lab File: BF077642.D
 Acq: 9 Mar 2015 17:09

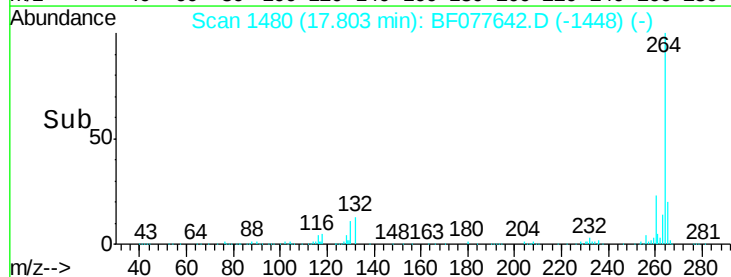
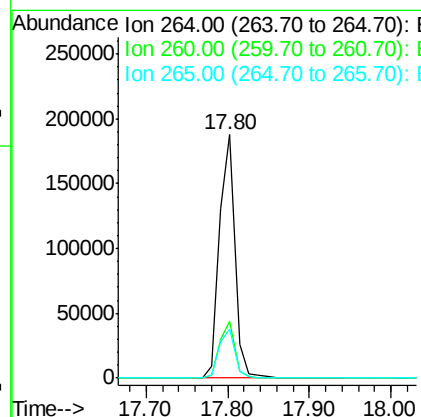
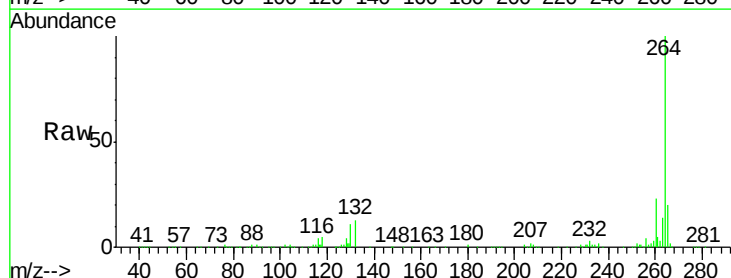
Instrument :
 BNA_F
 ClientSampleId :
 PB82019BS

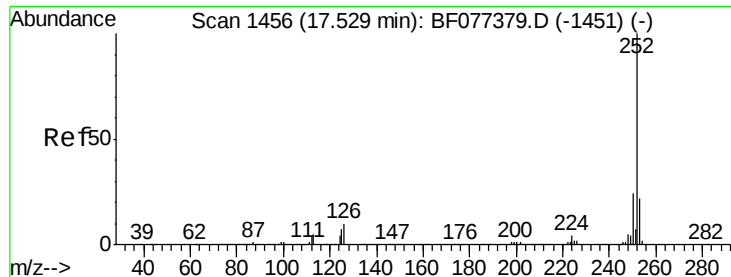
Tot Ion	Ratio	Lower	Upper
276	100		
138	27.8	21.2	31.8
277	25.3	20.0	30.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.80 min Scan# 1480
 Delta R.T. 0.07 min
 Lab File: BF077642.D
 Acq: 9 Mar 2015 17:09

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.3	28.9
265	20.4	16.8	25.2

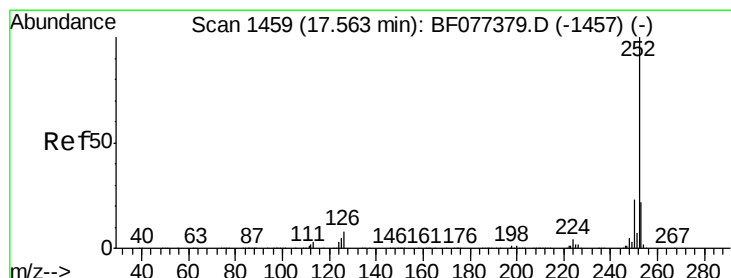
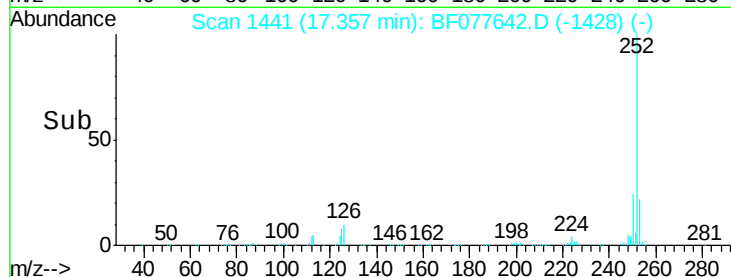
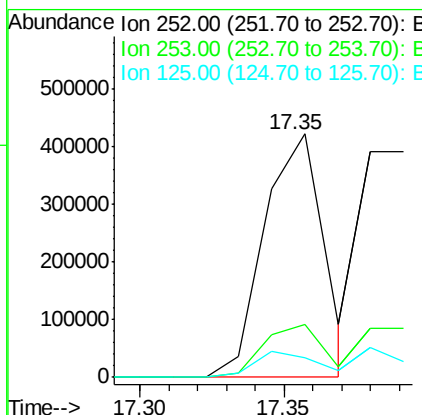
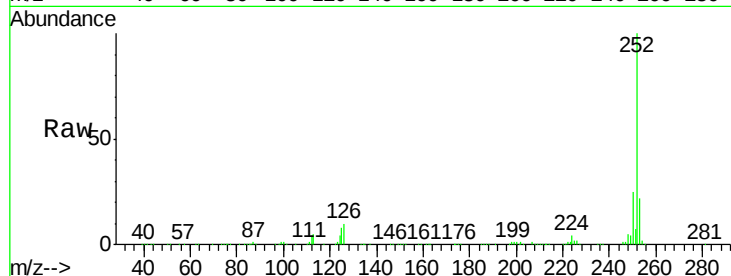




#87
Benzo(b)fluoranthene
Concen: 41.38 ng m
RT: 17.36 min Scan# 1441
Delta R.T. 0.05 min
Lab File: BF077642.D
Acq: 9 Mar 2015 17:09

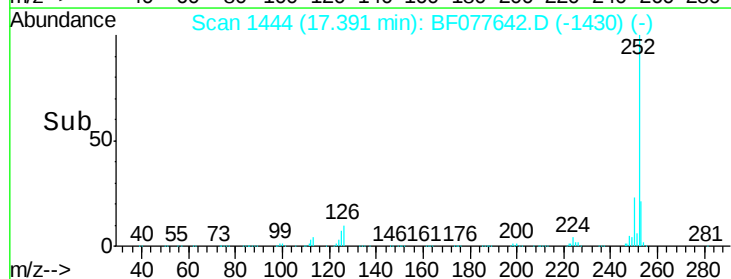
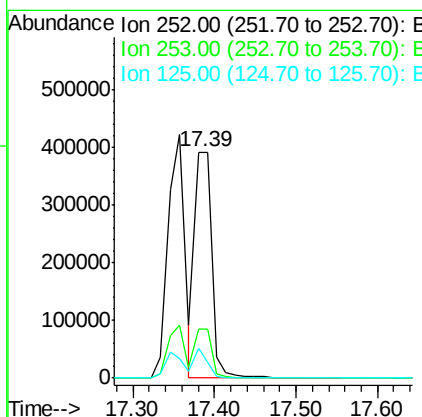
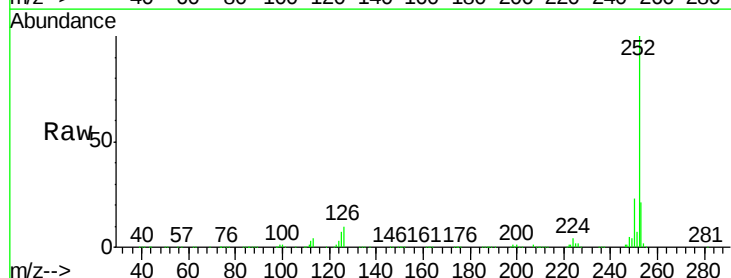
Instrument :
BNA_F
ClientSampleId :
PB82019BS

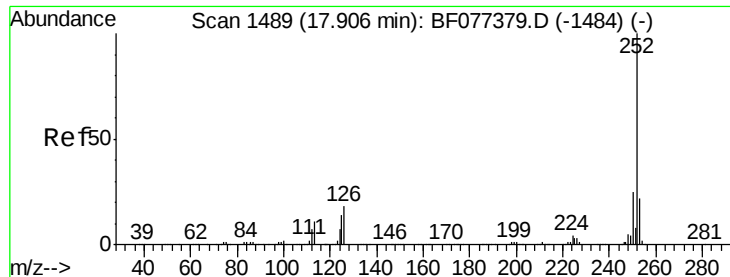
Tot Ion:252 Resp: 600985
Ion Ratio Lower Upper
252 100
253 21.6 17.6 26.4
125 8.0 5.4 8.2



#88
Benzo(k)fluoranthene
Concen: 40.53 ng
RT: 17.39 min Scan# 1444
Delta R.T. 0.05 min
Lab File: BF077642.D
Acq: 9 Mar 2015 17:09

Tgt Ion:252 Resp: 576842
Ion Ratio Lower Upper
252 100
253 21.5 18.1 27.1
125 6.9 10.1 15.1#

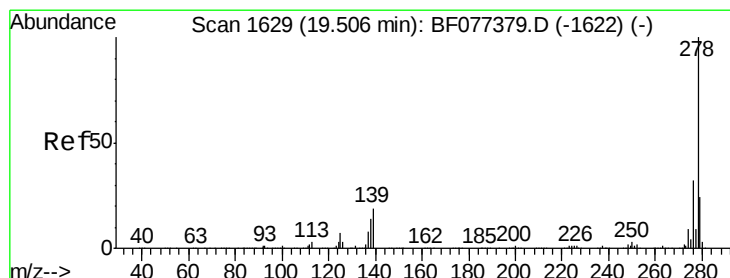
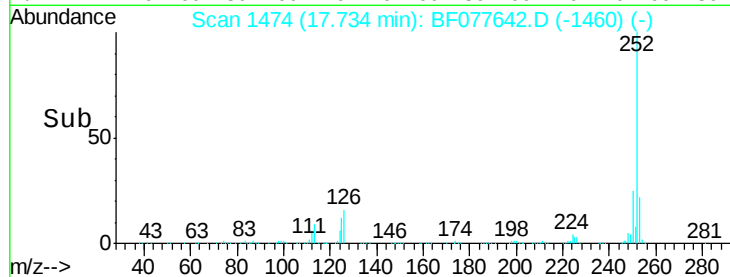
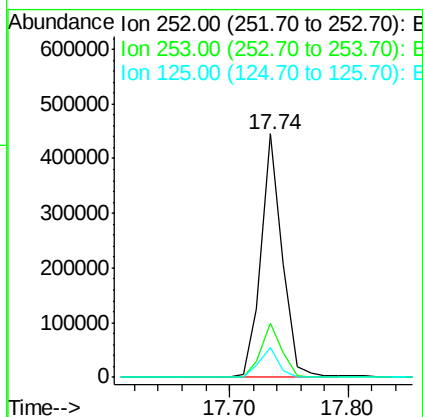
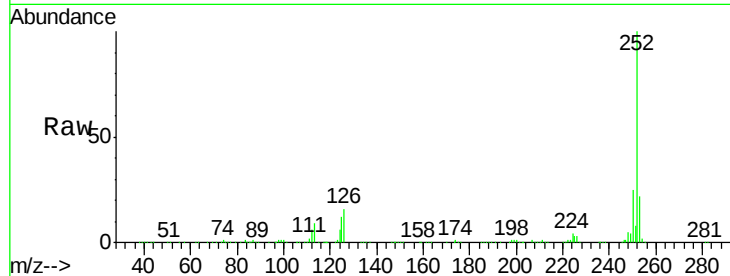




#89
Benzo(a)pyrene
Concen: 40.56 ng
RT: 17.74 min Scan# 1474
Delta R.T. 0.07 min
Lab File: BF077642.D
Acq: 9 Mar 2015 17:09

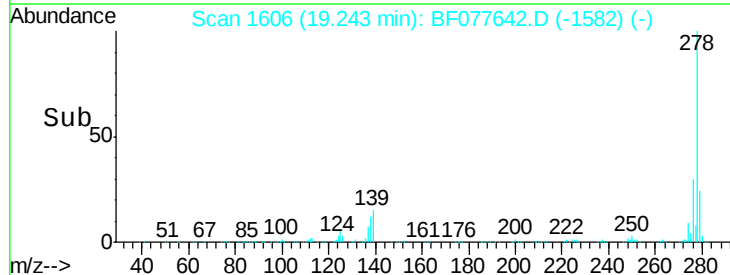
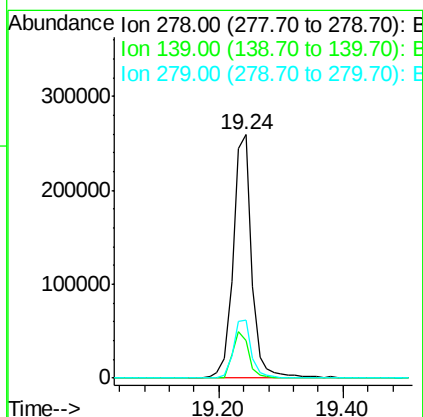
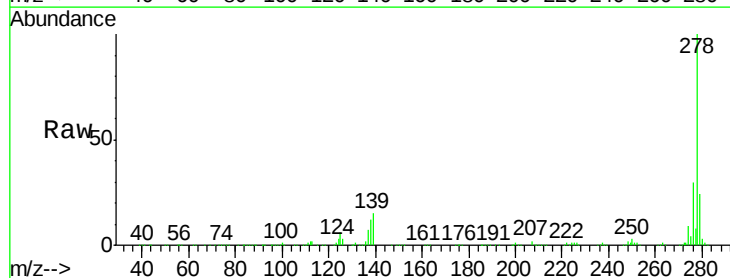
Instrument :
BNA_F
ClientSampleId :
PB82019BS

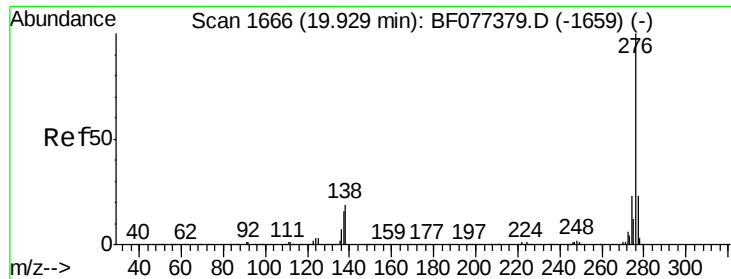
Tot Ion:252 Resp: 561013
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.2
125 12.3 8.3 12.5



#90
Dibenzo(a,h)anthracene
Concen: 41.04 ng
RT: 19.24 min Scan# 1606
Delta R.T. 0.08 min
Lab File: BF077642.D
Acq: 9 Mar 2015 17:09

Tgt Ion:278 Resp: 541432
Ion Ratio Lower Upper
278 100
139 15.4 14.3 21.5
279 24.0 19.0 28.6





#91
 Benzo(a,h,i)perylene
 Concen: 41.18 ng
 RT: 19.63 min Scan# 1639
 Delta R.T. 0.08 min
 Lab File: BF077642.D
 Acq: 9 Mar 2015 17:09

Instrument :
 BNA_F
 ClientSampleId :
 PB82019BS

Tot Ion:	276	Resp:	548258
Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.9	28.3
138	26.2	20.5	30.7

