

Data Path : Z:\HPCHEM1\BNA F\Data\BF020315\
 Data File : BF077163.D
 Acq On : 3 Feb 2015 16:00
 Operator : TP/IZ
 Sample : PB81581BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81581BS

Quant Time: Feb 04 00:16:40 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 04 00:04:57 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	25020	20.00	ng	0.00
21) Naphthalene-d8	10.59	136	109768	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	52200	20.00	ng	0.01
63) Phenanthrene-d10	17.56	188	100096	20.00	ng	0.00
75) Chrysene-d12	21.09	240	95726	20.00	ng	0.01
86) Perylene-d12	22.88	264	86602	20.00	ng	0.03

System Monitoring Compounds						
5) 2-Fluorophenol	4.69	112	183701	120.72	ng	0.00
7) Phenol-d6	7.08	99	234728	122.27	ng	0.00
23) Nitrobenzene-d5	8.99	82	144941	73.15	ng	0.01
41) 2,4,6-Tribromophenol	16.44	330	55416	130.78	ng	0.00
44) 2-Fluorobiphenyl	13.24	172	304984	88.91	ng	0.00
78) Terphenyl-d14	19.81	244	342373	82.34	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	1.12	88	19831	30.43	ng	97
3) Pyridine	1.56	79	52822	31.33	ng	90
4) n-Nitrosodimethylamine	1.52	42	32952	39.45	ng	89
6) Aniline	6.97	93	46022	17.32	ng	98
8) 2-Chlorophenol	7.21	128	65833	37.53	ng	97
9) Benzaldehyde	6.72	77	5168	3.56	ng	91
10) Phenol	7.12	94	73144	35.88	ng	96
11) bis(2-Chloroethyl)ether	7.23	93	61449	38.53	ng	# 73
12) 1,3-Dichlorobenzene	7.53	146	72254	36.20	ng	97
13) 1,4-Dichlorobenzene	7.72	146	71952	34.00	ng	98
14) 1,2-Dichlorobenzene	8.03	146	71005	36.41	ng	98
15) Benzyl Alcohol	8.13	79	57624	37.10	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.48	45	79383	37.02	ng	96
17) 2-Methylphenol	8.48	107	50419	35.17	ng	94
18) Hexachloroethane	8.77	117	26711	36.28	ng	98
19) n-Nitroso-di-n-propylamine	8.76	70	47955	35.69	ng	98
20) 3+4-Methylphenols	8.86	107	59603	31.40	ng	97
22) Acetophenone	8.68	105	98144	36.50	ng	99
24) Nitrobenzene	9.02	77	61864	30.65	ng	94
25) Isophorone	9.63	82	124493	34.50	ng	98
26) 2-Nitrophenol	9.77	139	30727	30.40	ng	# 78
27) 2,4-Dimethylphenol	10.05	122	56718	36.34	ng	96
28) bis(2-Chloroethoxy)methane	10.26	93	77511	37.79	ng	99
29) 2,4-Dichlorophenol	10.39	162	45588	31.34	ng	93
30) 1,2,4-Trichlorobenzene	10.50	180	56446	34.93	ng	94
31) Naphthalene	10.64	128	194701	34.45	ng	98
32) Benzoic acid	10.45	122	13484	15.59	ng	97
33) 4-Chloroaniline	10.90	127	42402	18.57	ng	99
34) Hexachlorobutadiene	11.00	225	33603	35.05	ng	99
35) Caprolactam	11.73	113	10857	25.35	ng	# 83
36) 4-Chloro-3-methylphenol	12.20	107	55613	33.39	ng	99
37) 2-Methylnaphthalene	12.29	142	139748	36.21	ng	95
39) 1,2,4,5-Tetrachlorobenzene	12.69	216	56272	43.60	ng	93
40) Hexachlorocyclopentadiene	12.68	237	56915	81.81	ng	99

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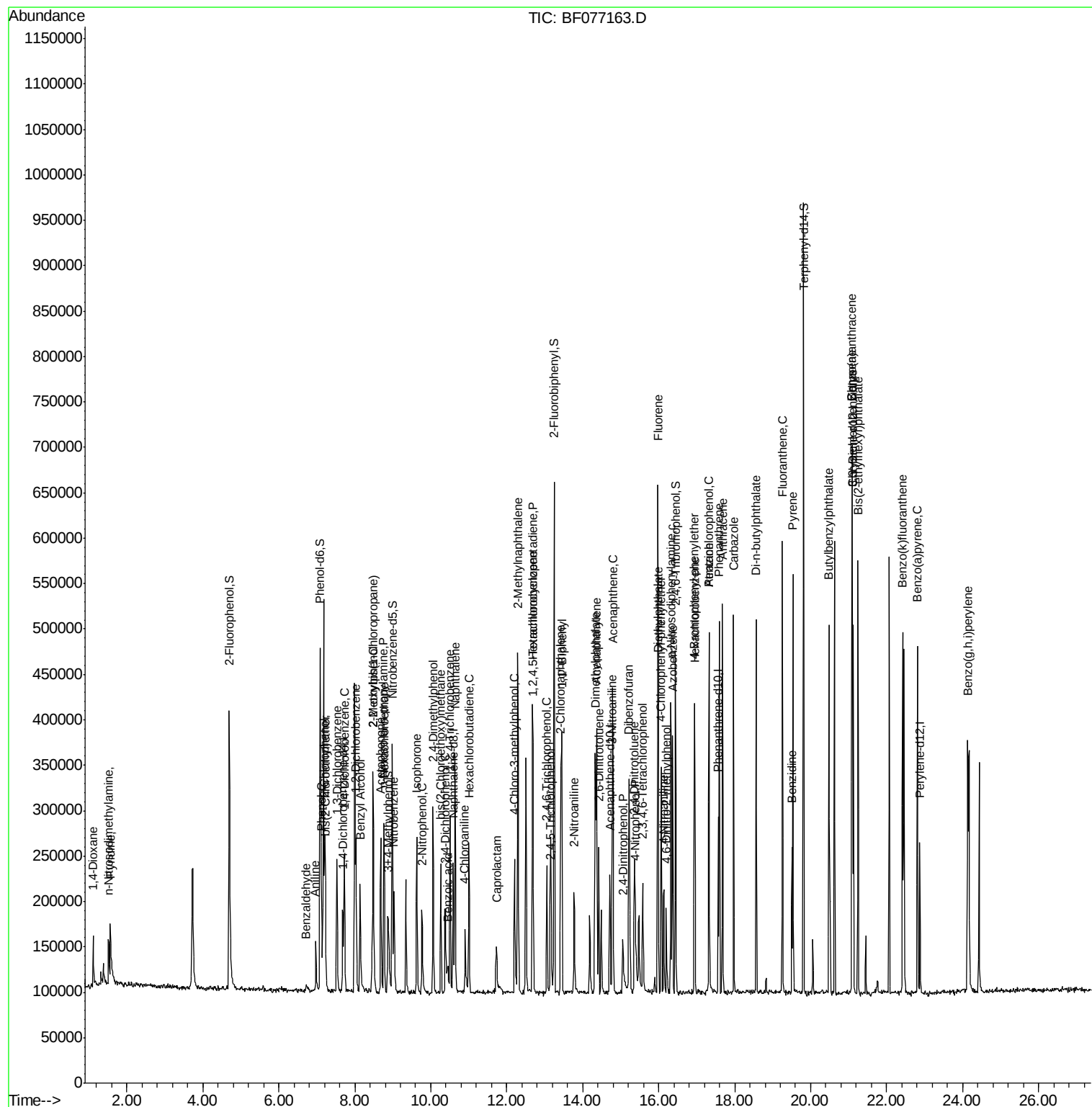
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.05	196	34436	36.62	nq	97
43) 2,4,5-Trichlorophenol	13.14	196	30045	31.33	nq	# 92
45) 1,1'-Biphenyl	13.45	154	161841	41.82	nq	98
46) 2-Chloronaphthalene	13.41	162	130452	40.97	nq	97
47) 2-Nitroaniline	13.77	65	38236	39.58	nq	94
48) Acenaphthylene	14.36	152	210435	39.18	nq	98
49) Dimethylphthalate	14.33	163	159941	43.21	nq	98
50) 2,6-Dinitrotoluene	14.42	165	30973	41.88	nq	# 84
51) Acenaphthene	14.79	154	117918	38.69	nq	96
52) 3-Nitroaniline	14.77	138	24829	26.55	nq	100
53) 2,4-Dinitrophenol	15.06	184	18258	56.63	nq	# 90
54) Dibenzofuran	15.22	168	183552	41.35	nq	98
55) 4-Nitrophenol	15.38	139	30972	53.37	nq	89
56) 2,4-Dinitrotoluene	15.36	165	45829	41.63	nq	# 95
57) Fluorene	15.97	166	149476	39.74	nq	100
58) 2,3,4,6-Tetrachlorophenol	15.57	232	23266	33.32	nq	94
59) Diethylphthalate	15.99	149	166215	44.43	nq	99
60) 4-Chlorophenyl-phenylether	16.07	204	64969	42.22	nq	97
61) 4-Nitroaniline	16.13	138	32718	35.48	nq	96
62) Azobenzene	16.36	77	168838	43.31	nq	97
64) 4,6-Dinitro-2-methylphenol	16.20	198	18494	30.08	nq	# 69
65) n-Nitrosodiphenylamine	16.32	169	128025	35.87	nq	97
66) 4-Bromophenyl-phenylether	16.93	248	38228	37.70	nq	97
67) Hexachlorobenzene	16.95	284	39057	36.55	nq	# 86
68) Atrazine	17.32	200	45001	41.55	nq	97
69) Pentachlorophenol	17.32	266	21870	47.67	nq	98
70) Phenanthrene	17.60	178	225990	36.20	nq	98
71) Anthracene	17.68	178	224932	36.95	nq	99
72) Carbazole	17.97	167	215025	36.42	nq	99
73) Di-n-butylphthalate	18.57	149	274642	40.19	nq	98
74) Fluoranthene	19.25	202	241460	37.75	nq	99
76) Benzidine	19.51	184	96862	31.62	nq	99
77) Pyrene	19.54	202	255516	38.95	nq	99
79) Butylbenzylphthalate	20.48	149	120558	40.58	nq	87
80) Benzo(a)anthracene	21.08	228	223357	37.19	nq	99
81) 3,3'-Dichlorobenzidine	21.09	252	48737	25.54	nq	96
82) Chrysene	21.08	228	223357	40.78	nq	97
83) Bis(2-ethylhexyl)phthalate	21.24	149	176072	42.83	nq	# 97
88) Benzo(k)fluoranthene	22.42	252	204997	40.23	nq	99
89) Benzo(a)pyrene	22.81	252	199697	38.81	nq	# 98
91) Benzo(g,h,i)perylene	24.13	276	210031	44.75	nq	96

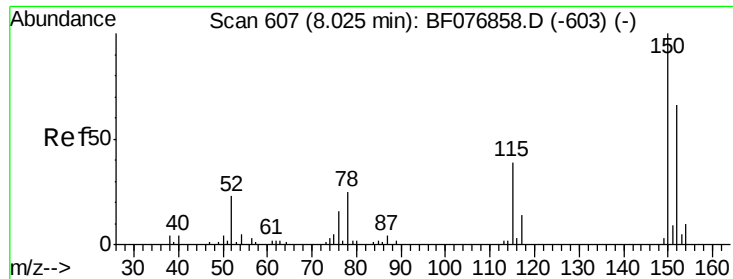
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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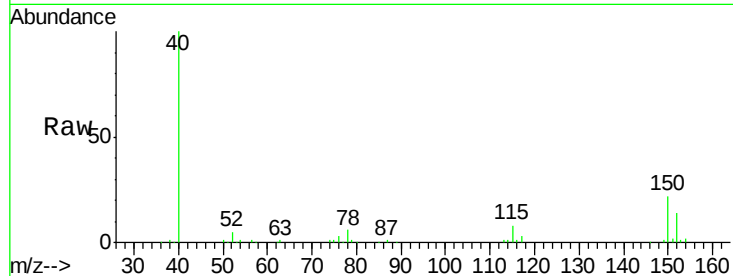


#1

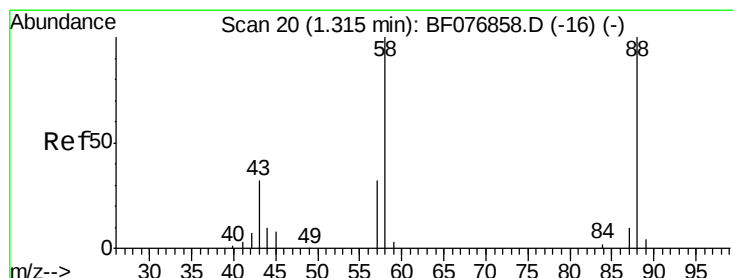
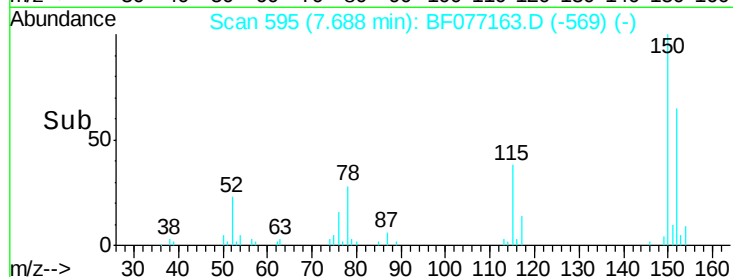
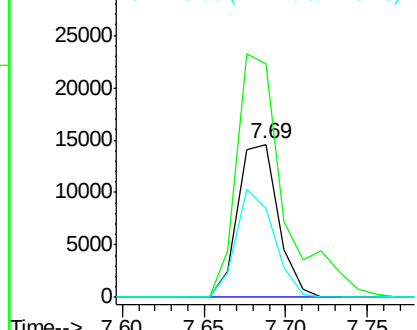
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.69 min Scan# 595
Delta R.T. 0.00 min
Lab File: BF077163.D
Acq: 3 Feb 2015 16:00

Instrument :
BNA_F
ClientSampleId :
PB81581BS

Tot Ion:152 Resp: 25020
Ion Ratio Lower Upper
152 100
150 152.9 121.7 182.5
115 57.6 47.0 70.6



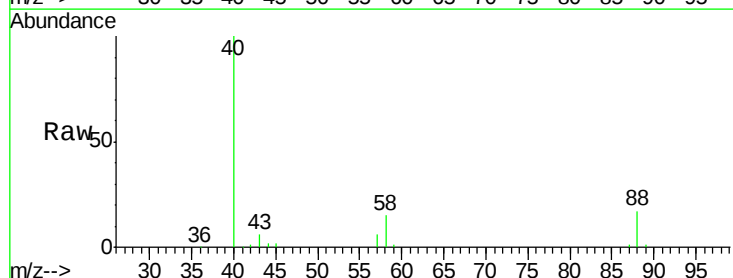
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



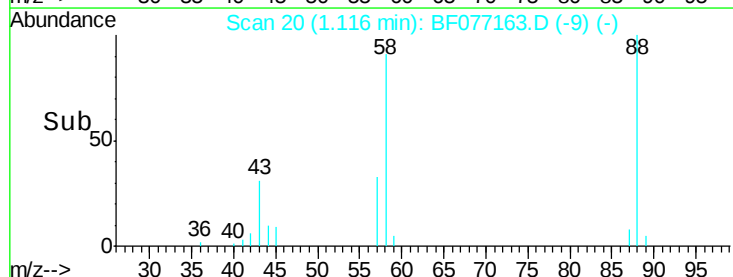
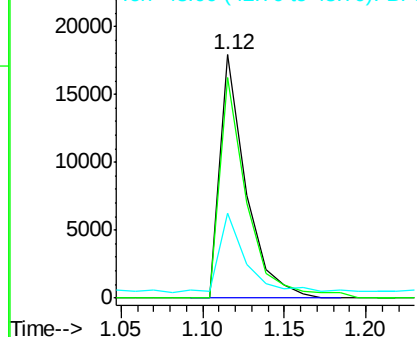
#2

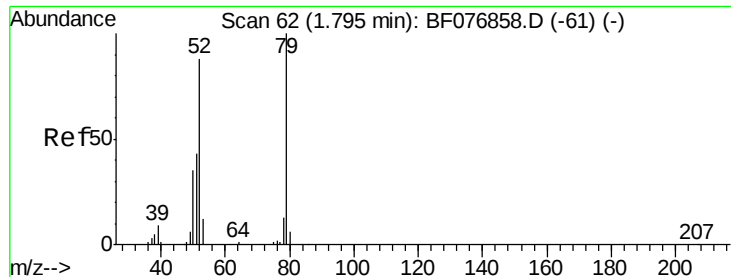
1,4-Dioxane
Concen: 30.43 ng
RT: 1.12 min Scan# 20
Delta R.T. 0.02 min
Lab File: BF077163.D
Acq: 3 Feb 2015 16:00

Tgt Ion: 88 Resp: 19831
Ion Ratio Lower Upper
88 100
58 94.5 77.0 115.4
43 35.4 25.6 38.4



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: 31.33 ng

RT: 1.56 min Scan# 59

Delta R.T. 0.05 min

Lab File: BF077163.D

Acq: 3 Feb 2015 16:00

Instrument :

BNA_F

ClientSampled :

PB81581BS

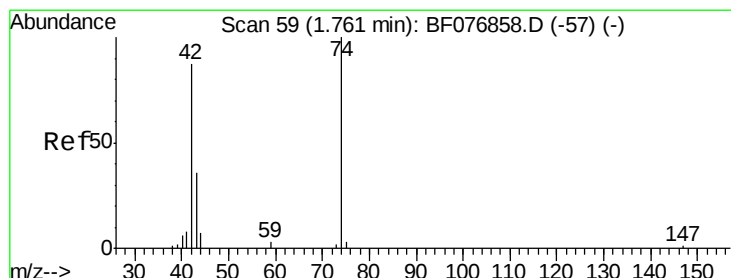
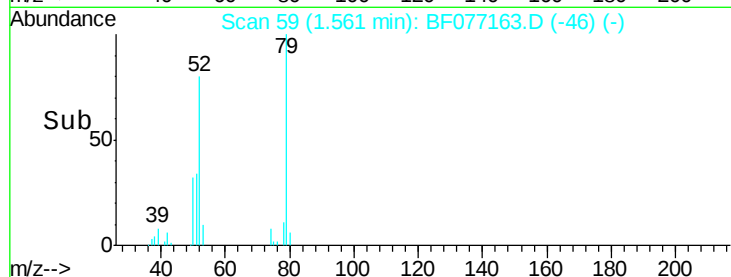
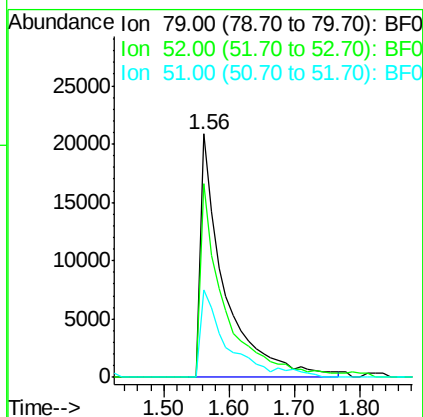
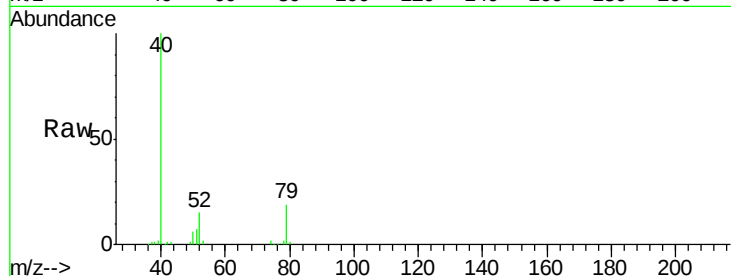
Tot Ion: 79 Resp: 52822

Ion Ratio Lower Upper

79 100

52 79.8 70.1 105.1

51 36.1 35.1 52.7



#4

n-Nitrosodimethylamine

Concen: 39.45 ng

RT: 1.52 min Scan# 55

Delta R.T. 0.02 min

Lab File: BF077163.D

Acq: 3 Feb 2015 16:00

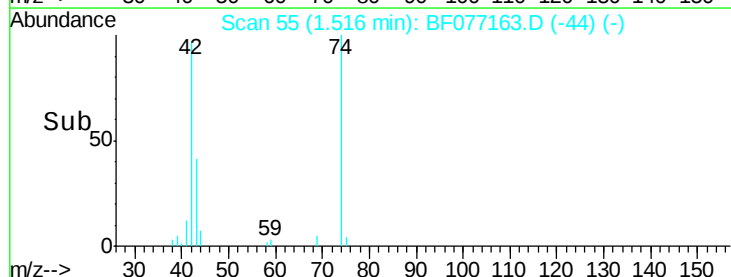
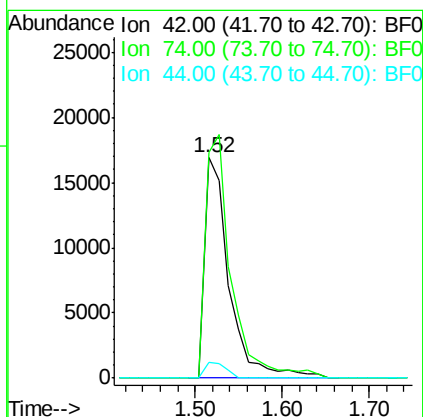
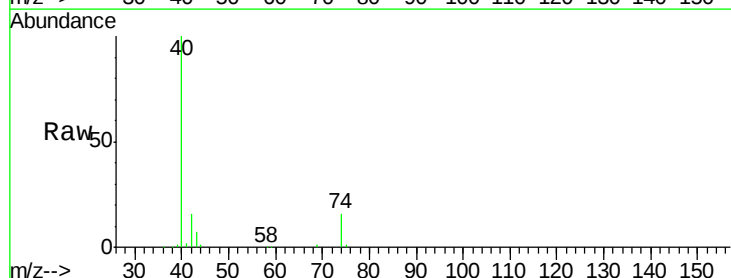
Tgt Ion: 42 Resp: 32952

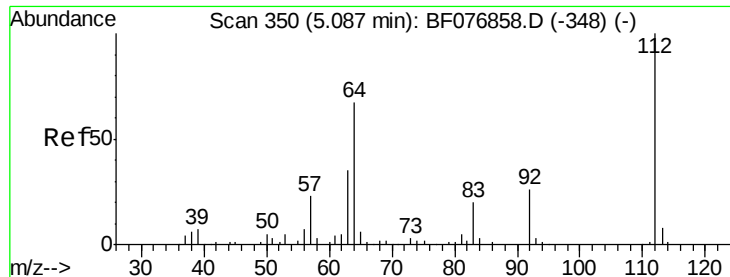
Ion Ratio Lower Upper

42 100

74 102.6 92.4 138.6

44 7.2 6.2 9.2





#5

2-Fluorophenol

Concen: 120.72 ng

RT: 4.69 min Scan# 333

Delta R.T. 0.00 min

Lab File: BF077163.D

Acq: 3 Feb 2015 16:00

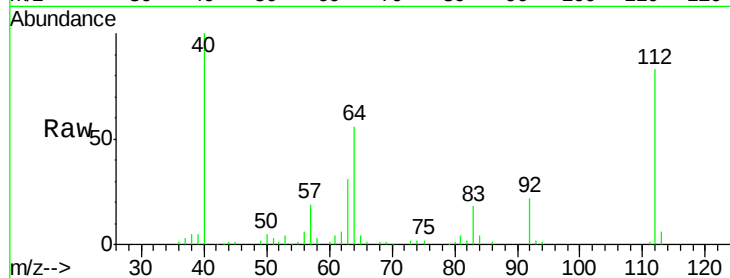
Instrument :

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ClientSampleId :

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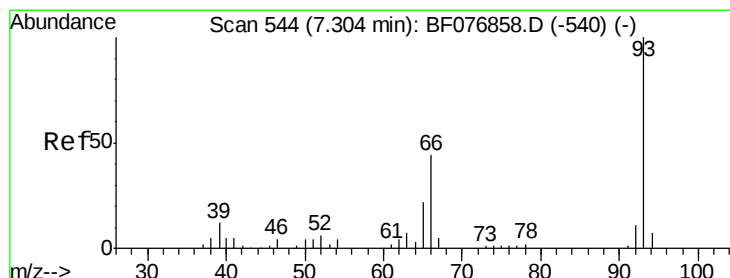
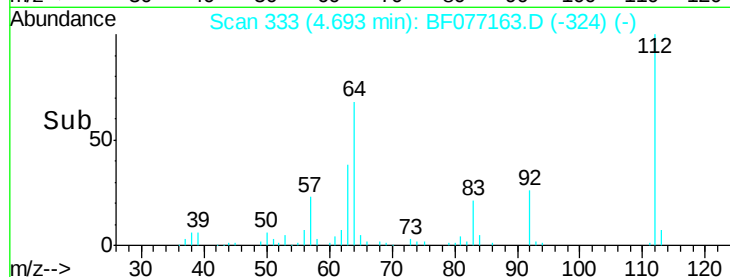
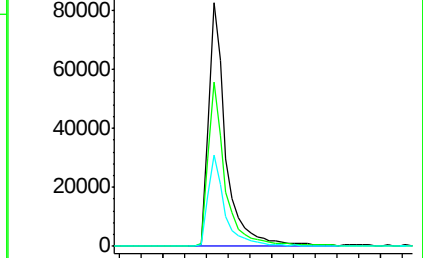
Tot Ion:	112	Resp:	183701
Ion	Ratio	Lower	Upper
112	100		
64	67.7	54.2	81.4
63	37.7	28.4	42.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 17.32 ng

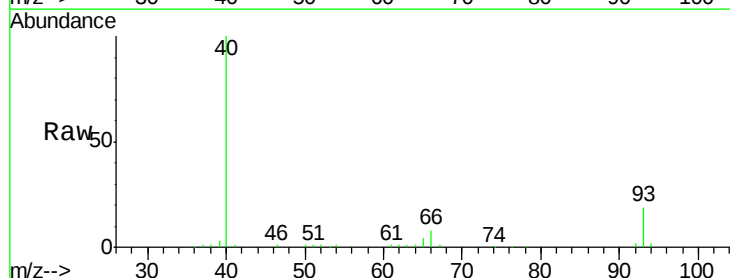
RT: 6.97 min Scan# 532

Delta R.T. 0.00 min

Lab File: BF077163.D

Acq: 3 Feb 2015 16:00

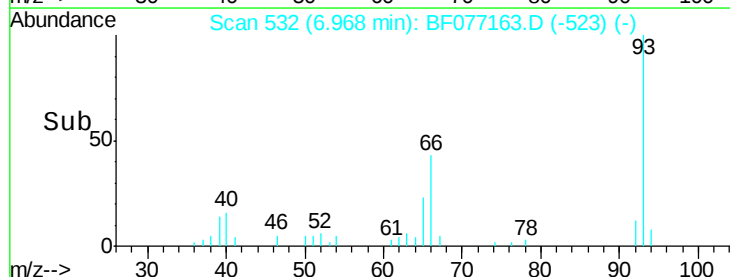
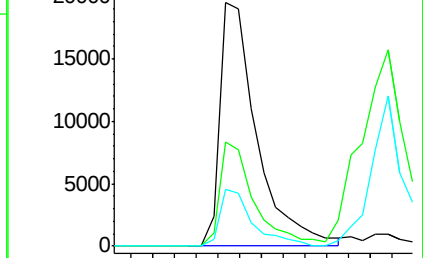
Tgt Ion:	93	Resp:	46022
Ion	Ratio	Lower	Upper
93	100		
66	42.9	35.0	52.4
65	23.1	17.7	26.5

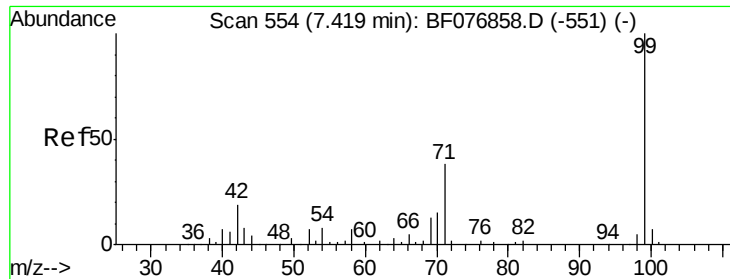


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 122.27 ng

RT: 7.08 min Scan# 542

Delta R.T. 0.00 min

Lab File: BF077163.D

Acq: 3 Feb 2015 16:00

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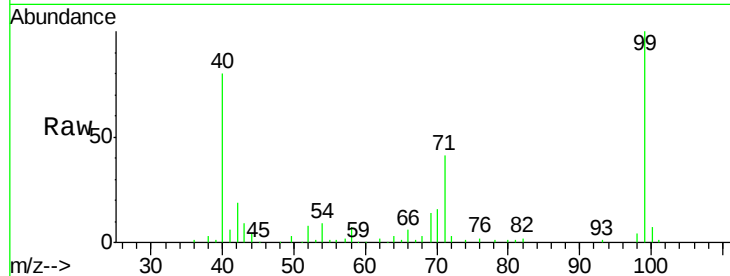
Tot Ion: 99 Resp: 234728

Ion Ratio Lower Upper

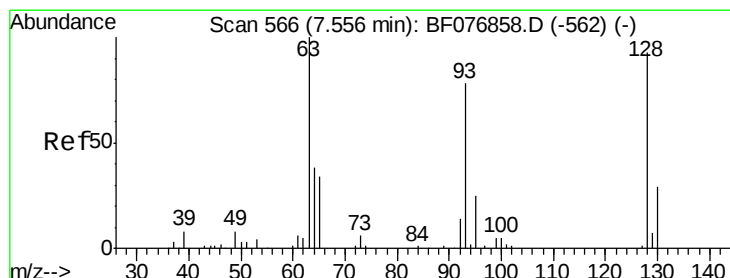
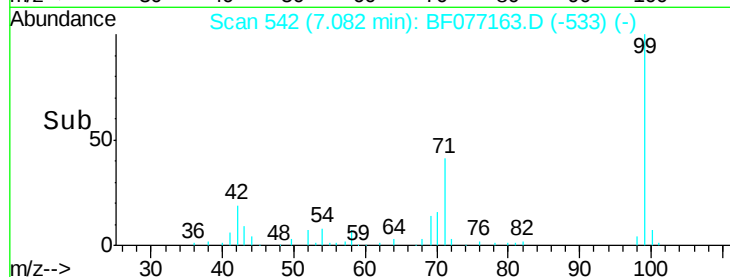
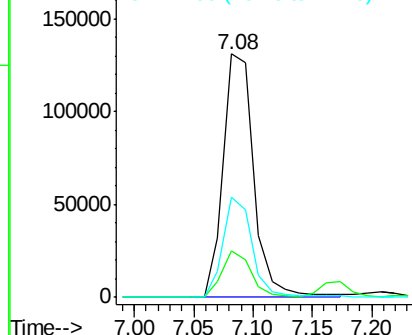
99 100

42 19.3 15.0 22.4

71 41.1 30.5 45.7



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: 37.53 ng

RT: 7.21 min Scan# 553

Delta R.T. 0.00 min

Lab File: BF077163.D

Acq: 3 Feb 2015 16:00

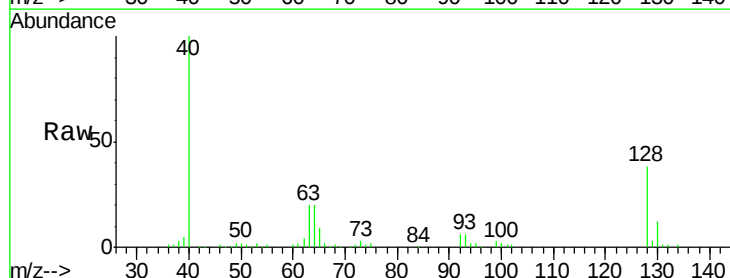
Tgt Ion:128 Resp: 65833

Ion Ratio Lower Upper

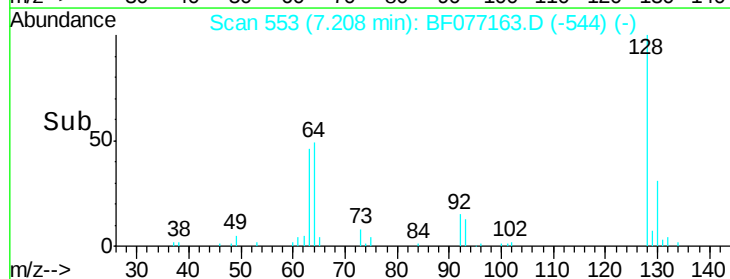
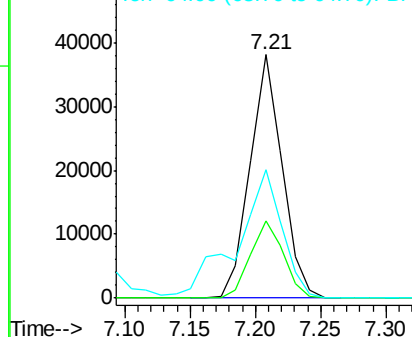
128 100

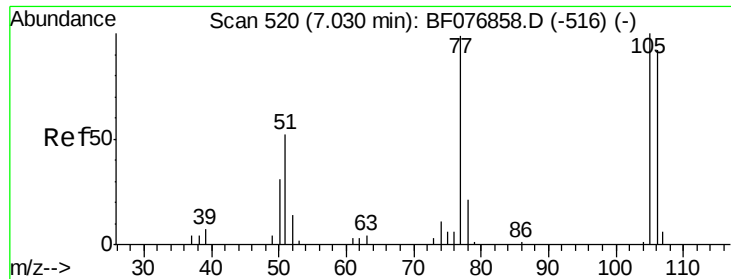
130 31.5 11.0 51.0

64 52.7 29.3 69.3



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: 3.56 ng

RT: 6.72 min Scan# 510

Delta R.T. 0.03 min

Lab File: BF077163.D

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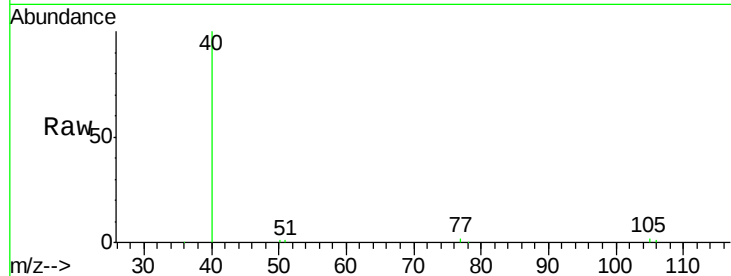
Tot Ion: 77 Resp: 5168

Ion Ratio Lower Upper

77 100

105 100.9 81.4 121.4

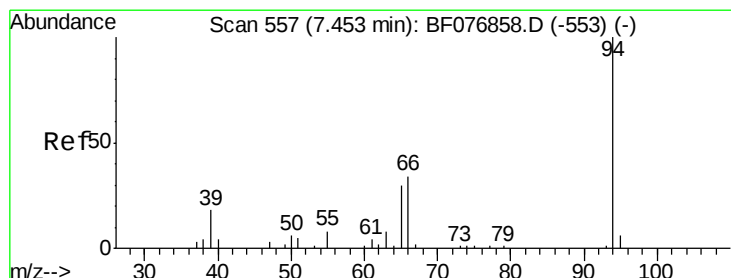
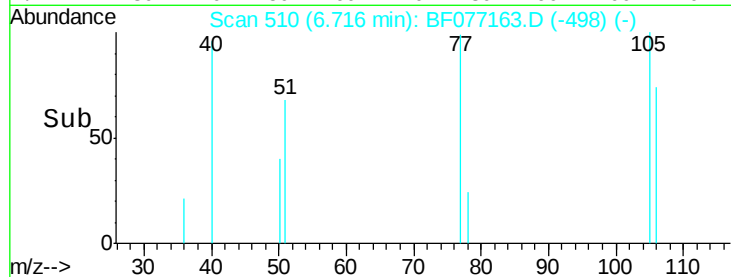
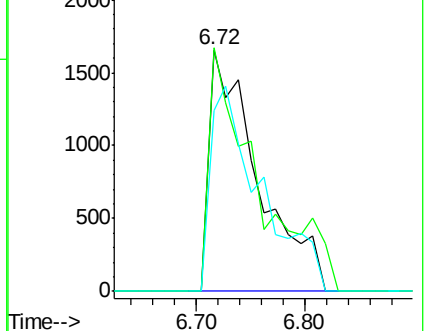
106 74.7 72.8 112.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 35.88 ng

RT: 7.12 min Scan# 545

Delta R.T. 0.00 min

Lab File: BF077163.D

Acq: 3 Feb 2015 16:00

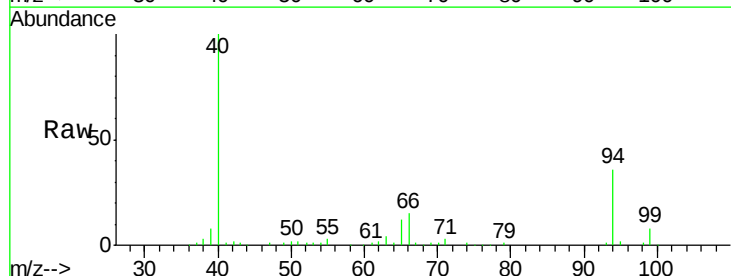
Tgt Ion: 94 Resp: 73144

Ion Ratio Lower Upper

94 100

65 32.8 11.3 51.3

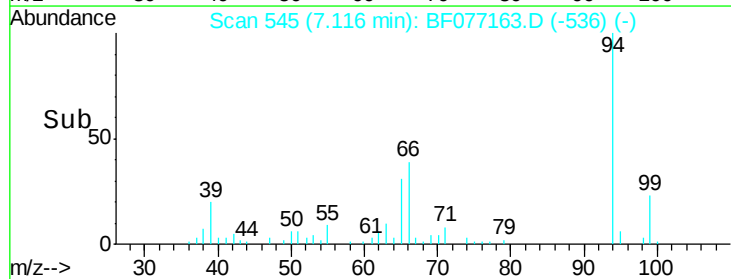
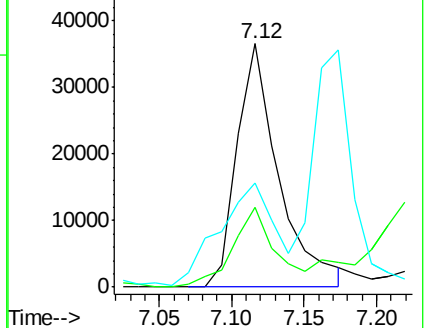
66 42.9 19.5 59.5

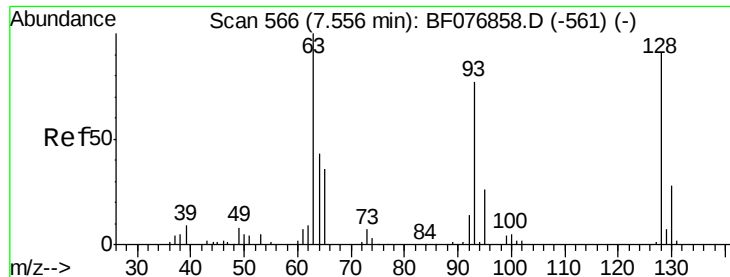


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

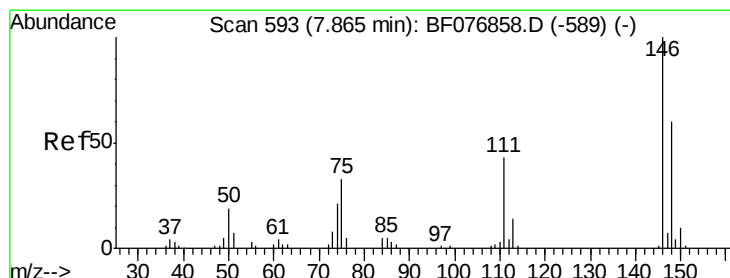
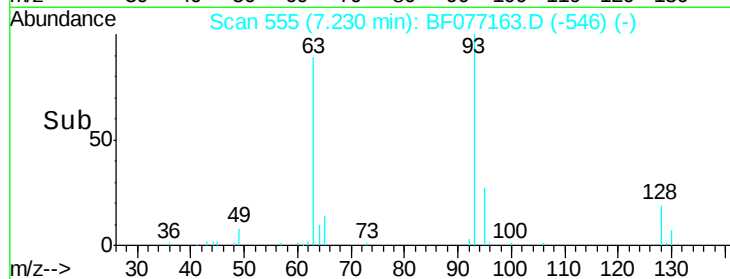
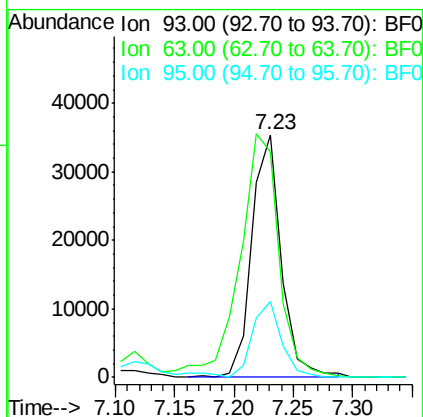
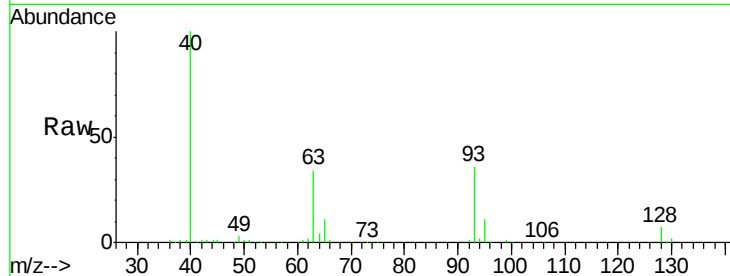




#11
bis(2-Chloroethyl)ether
Concen: 38.53 ng
RT: 7.23 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF077163.D
Acq: 3 Feb 2015 16:00

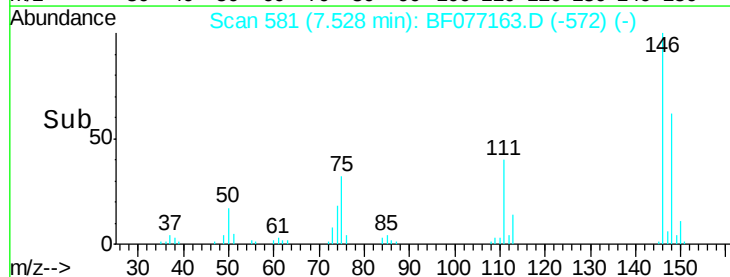
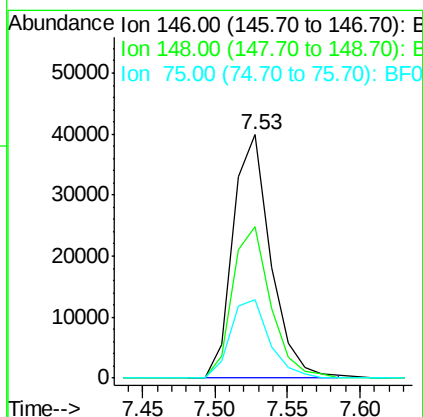
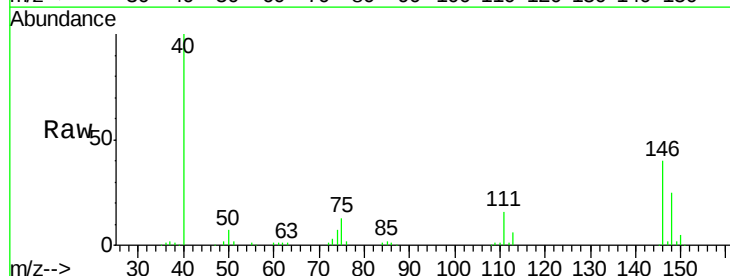
Instrument :
BNA_F
ClientSampleId :
PB81581BS

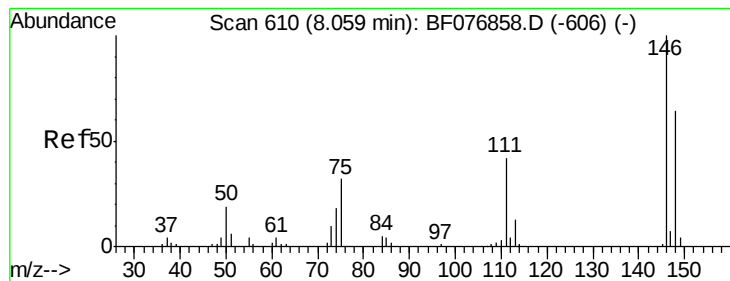
Tot Ion: 93 Resp: 61449
Ion Ratio Lower Upper
93 100
63 93.1 111.3 151.3#
95 31.5 13.8 53.8



#12
1,3-Dichlorobenzene
Concen: 36.20 ng
RT: 7.53 min Scan# 581
Delta R.T. 0.00 min
Lab File: BF077163.D
Acq: 3 Feb 2015 16:00

Tgt Ion: 146 Resp: 72254
Ion Ratio Lower Upper
146 100
148 62.2 48.1 72.1
75 32.1 26.8 40.2





#13

1,4-Dichlorobenzene

Concen: 34.00 ng

RT: 7.72 min Scan# 598

Delta R.T. 0.00 min

Lab File: BF077163.D

Acq: 3 Feb 2015 16:00

Instrument :

BNA_F

ClientSampleId :

PB81581BS

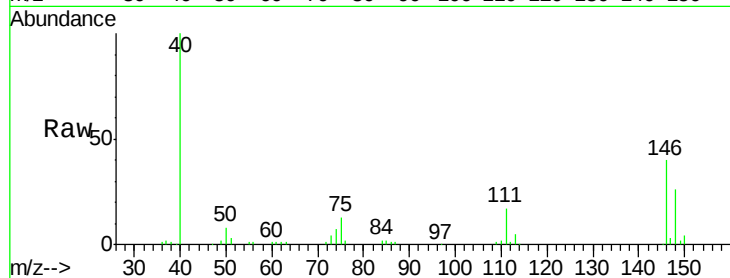
Tot Ion:146 Resp: 71952

Ion Ratio Lower Upper

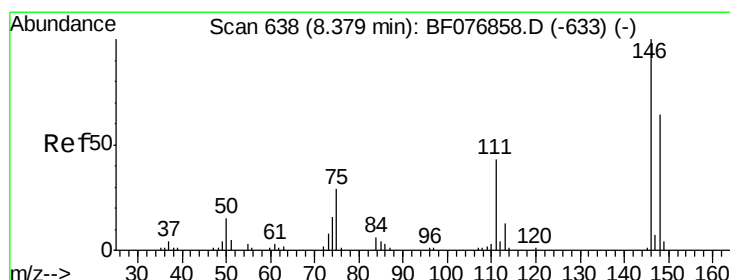
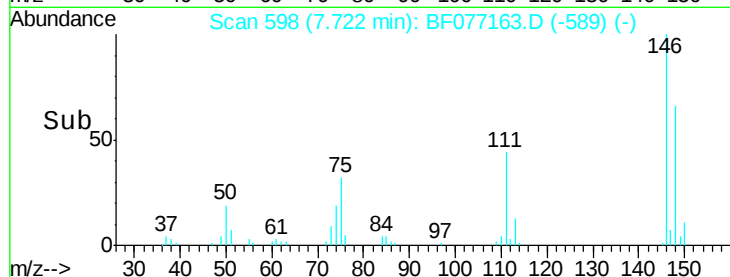
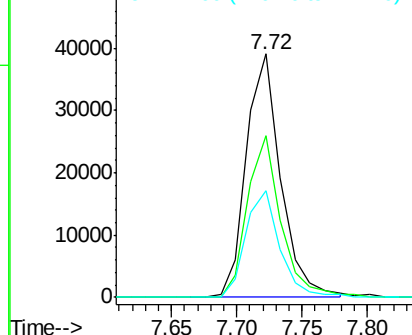
146 100

148 66.2 51.5 77.3

111 43.8 33.9 50.9



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: 36.41 ng

RT: 8.03 min Scan# 625

Delta R.T. 0.00 min

Lab File: BF077163.D

Acq: 3 Feb 2015 16:00

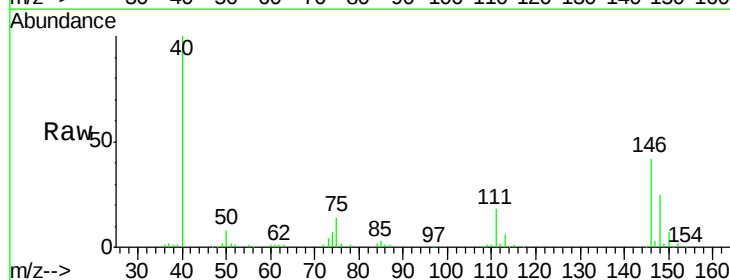
Tgt Ion:146 Resp: 71005

Ion Ratio Lower Upper

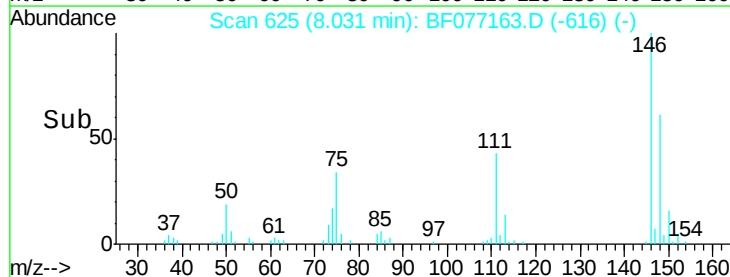
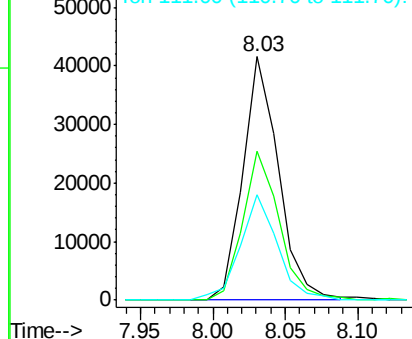
146 100

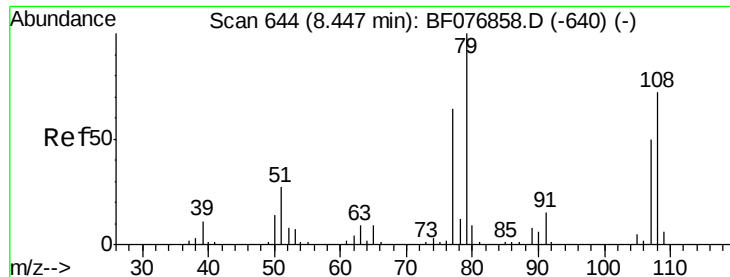
148 61.4 51.3 76.9

111 43.0 34.5 51.7



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: 37.10 ng

RT: 8.13 min Scan# 634

Delta R.T. 0.00 min

Lab File: BF077163.D

Acq: 3 Feb 2015 16:00

Instrument :

BNA_F

ClientSampleId :

PB81581BS

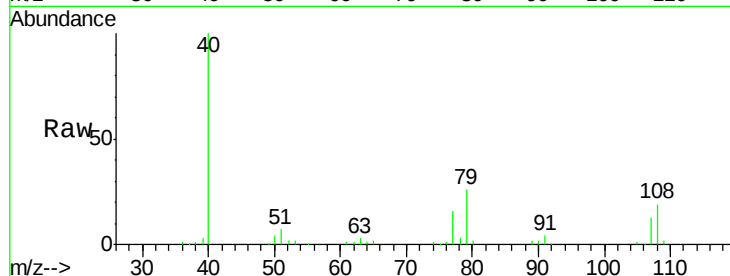
Tot Ion: 79 Resp: 57624

Ion Ratio Lower Upper

79 100

108 73.3 57.2 85.8

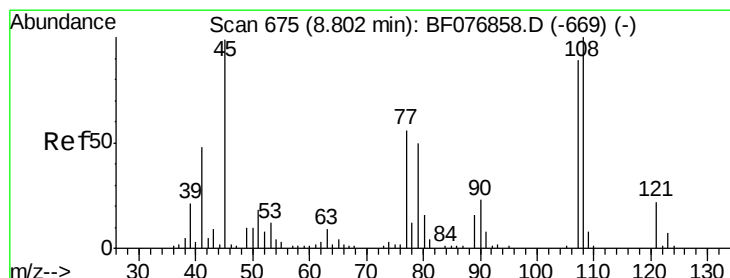
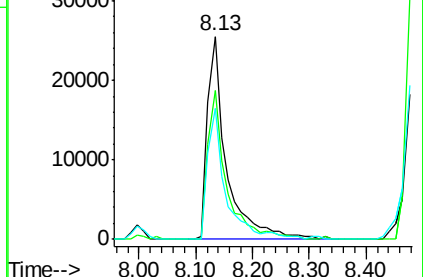
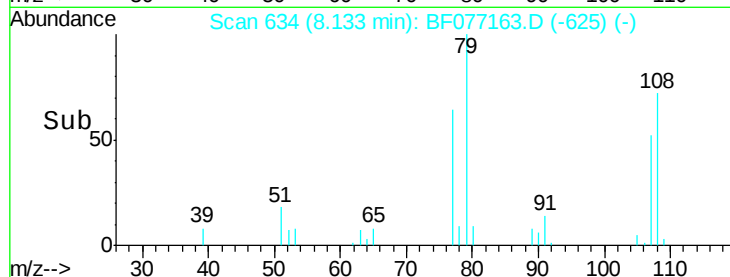
77 64.5 51.2 76.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.02 ng

RT: 8.48 min Scan# 664

Delta R.T. 0.00 min

Lab File: BF077163.D

Acq: 3 Feb 2015 16:00

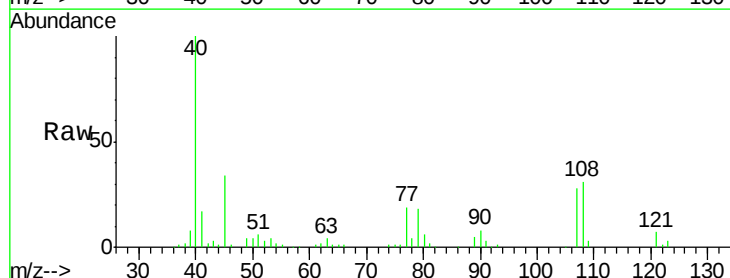
Tgt Ion: 45 Resp: 79383

Ion Ratio Lower Upper

45 100

77 57.8 36.1 76.1

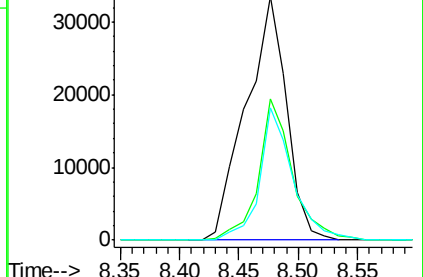
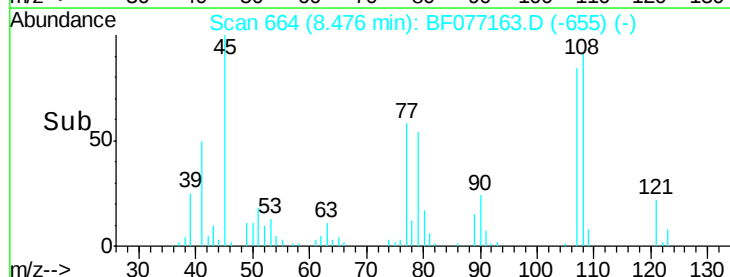
79 54.5 30.5 70.5

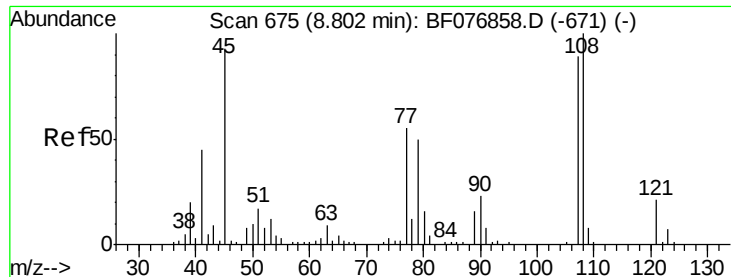


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 35.17 ng

RT: 8.48 min Scan# 664

Delta R.T. 0.00 min

Lab File: BF077163.D

Acq: 3 Feb 2015 16:00

Instrument :

BNA_F

ClientSampleId :

PB81581BS

Tot Ion:107 Resp: 50419

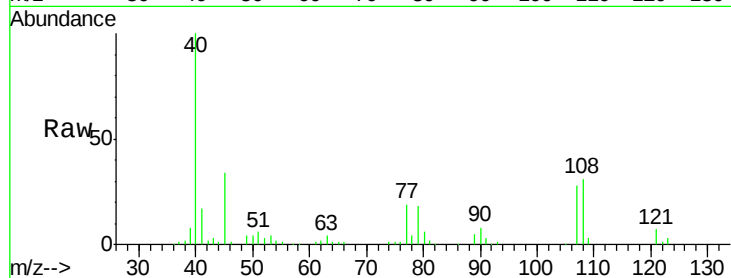
Ion Ratio Lower Upper

107 100

108 109.2 89.7 134.5

77 69.0 50.1 75.1

79 65.1 45.0 67.6

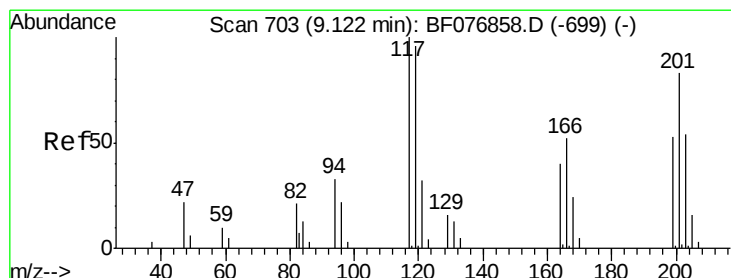
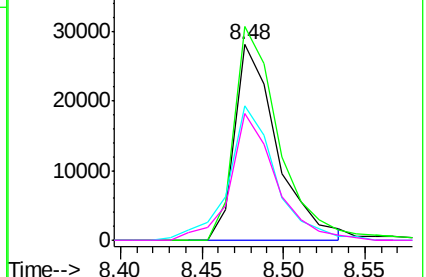
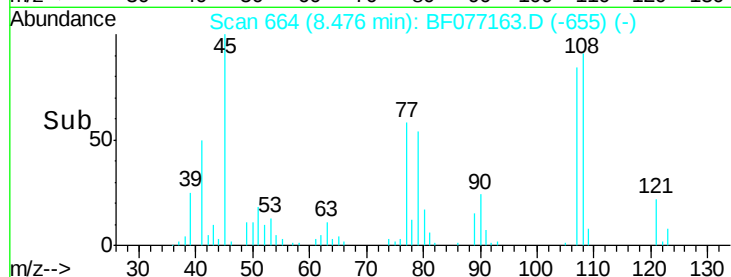


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 36.28 ng

RT: 8.77 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF077163.D

Acq: 3 Feb 2015 16:00

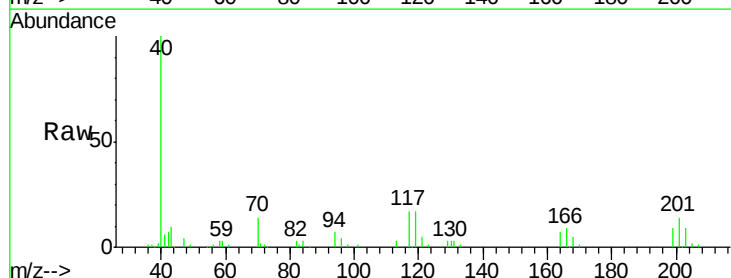
Tgt Ion:117 Resp: 26711

Ion Ratio Lower Upper

117 100

119 98.4 77.1 115.7

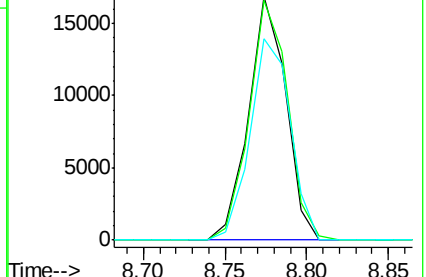
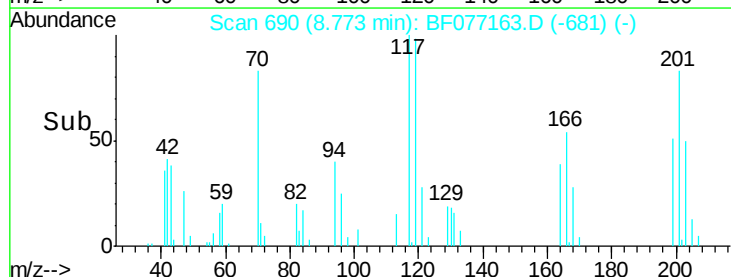
201 82.7 66.8 100.2

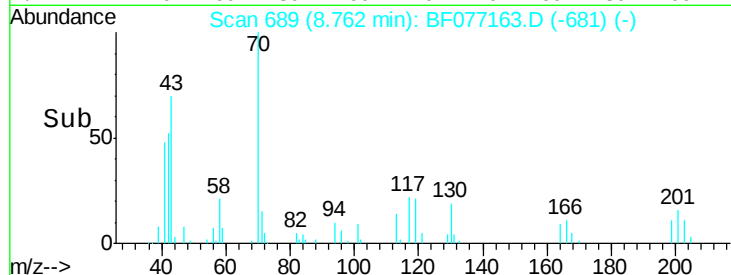
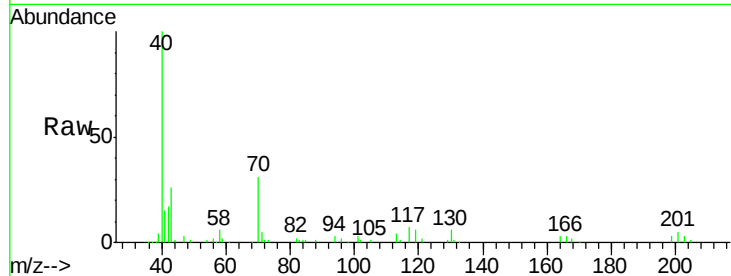
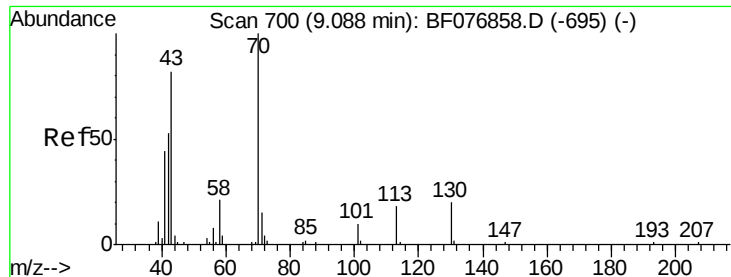


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

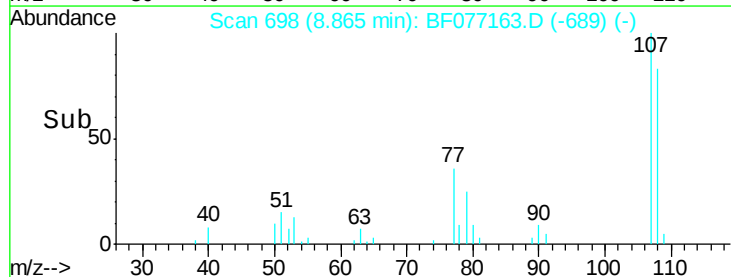
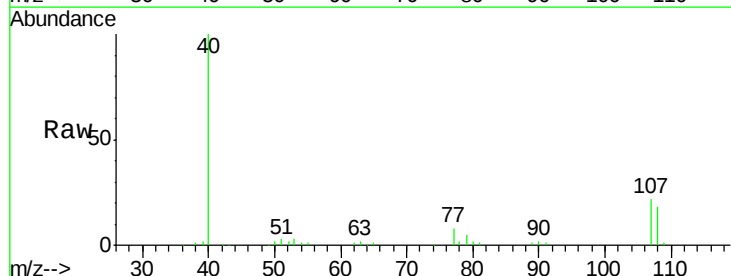
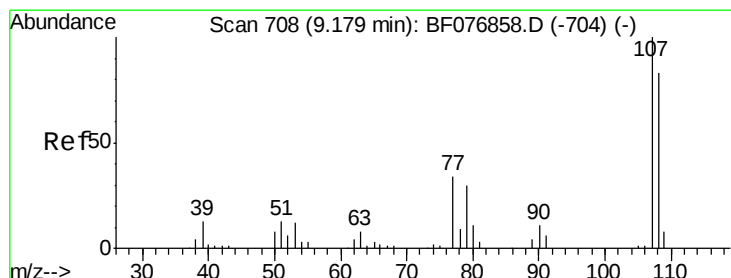
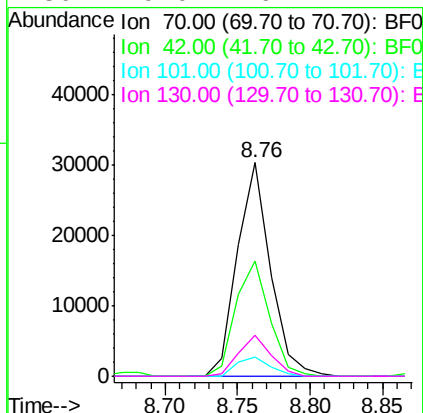




#19
n-Nitroso-di-n-propylamine
Concen: 35.69 ng
RT: 8.76 min Scan# 689
Delta R.T. -0.01 min
Lab File: BF077163.D
Acq: 3 Feb 2015 16:00

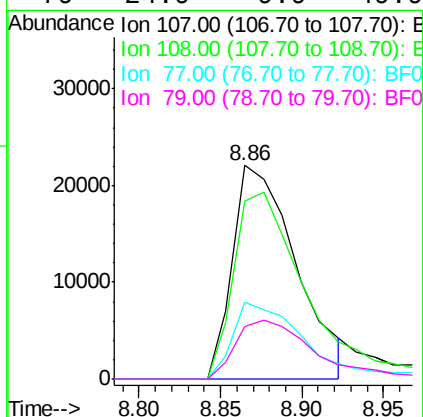
Instrument :
BNA_F
ClientSampleId :
PB81581BS

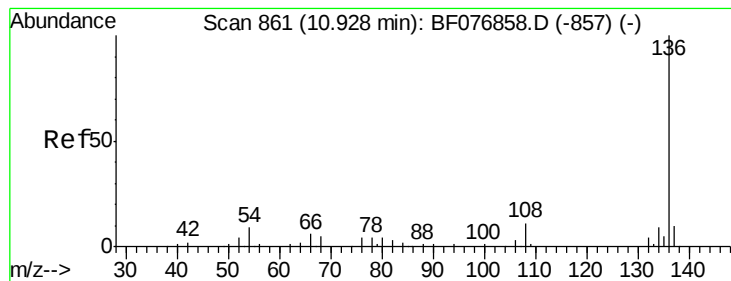
Tot Ion:	70	Resp:	47955
Ion	Ratio	Lower	Upper
70	100		
42	54.2	42.1	63.1
101	9.1	7.8	11.8
130	19.0	16.2	24.4



#20
3+4-Methylphenols
Concen: 31.40 ng
RT: 8.86 min Scan# 698
Delta R.T. 0.00 min
Lab File: BF077163.D
Acq: 3 Feb 2015 16:00

Tgt Ion:	107	Resp:	59603
Ion	Ratio	Lower	Upper
107	100		
108	83.2	63.5	103.5
77	35.7	14.0	54.0
79	24.9	9.9	49.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.59 min Scan# 849

Delta R.T. 0.00 min

Lab File: BF077163.D

Acq: 3 Feb 2015 16:00

Instrument :

BNA_F

ClientSampleId :

PB81581BS

Tot Ion:136 Resp: 109768

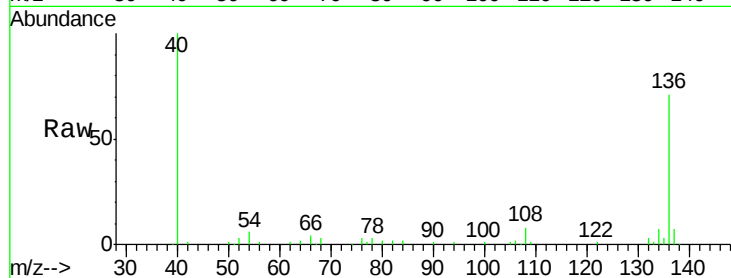
Ion Ratio Lower Upper

136 100

137 10.2 8.1 12.1

54 8.7 7.0 10.4

68 3.7 3.7 5.5

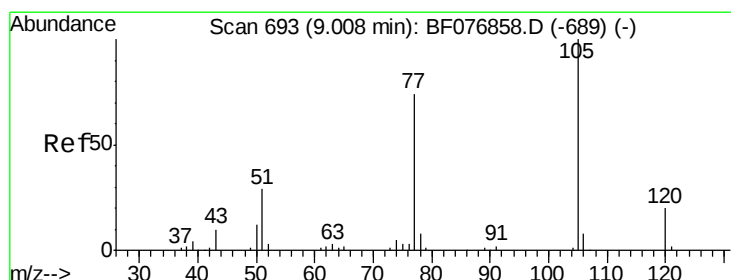
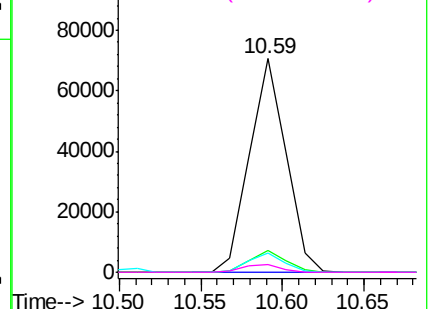
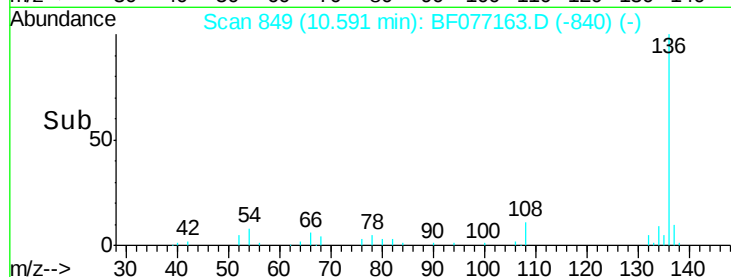


Abundance Ion 136.00 (135.70 to 136.70): E

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: 36.50 ng

RT: 8.68 min Scan# 682

Delta R.T. 0.00 min

Lab File: BF077163.D

Acq: 3 Feb 2015 16:00

Tgt Ion:105 Resp: 98144

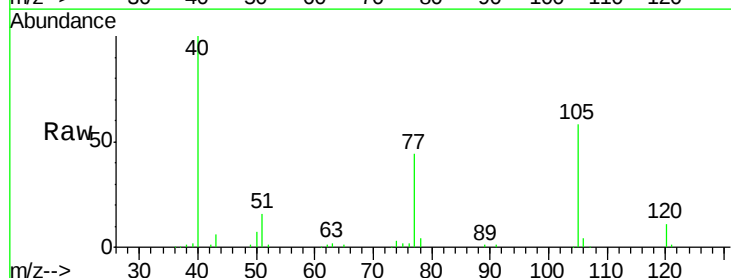
Ion Ratio Lower Upper

105 100

71 0.0 0.0 0.0

51 28.1 23.3 34.9

120 19.8 16.1 24.1

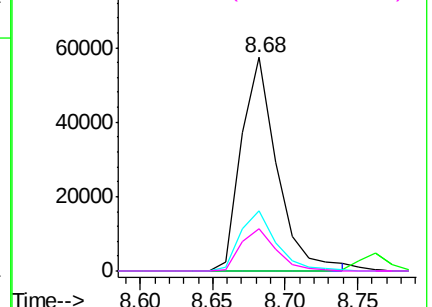
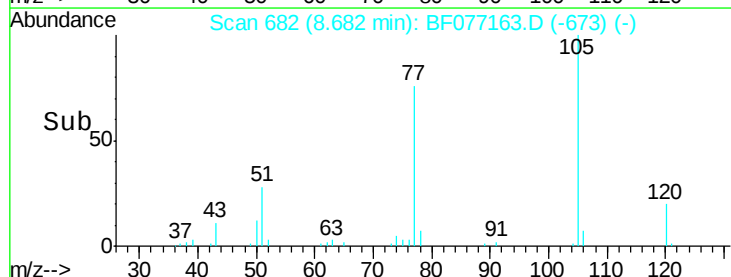


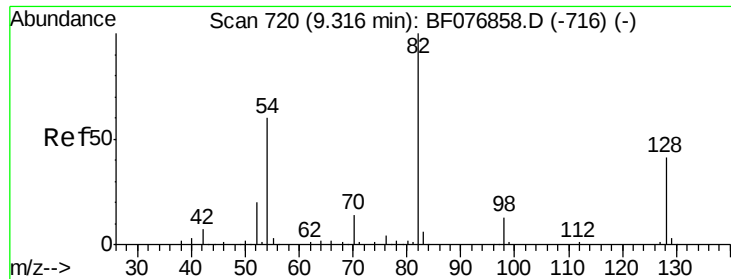
Abundance Ion 105.00 (104.70 to 105.70): E

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

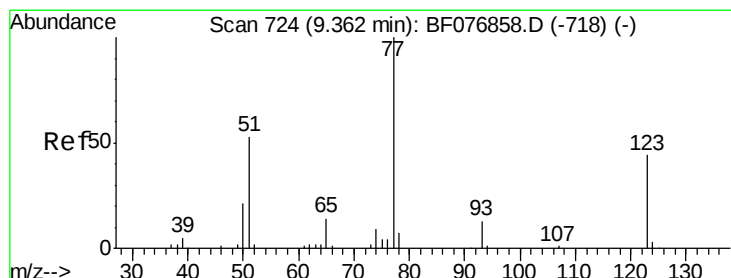
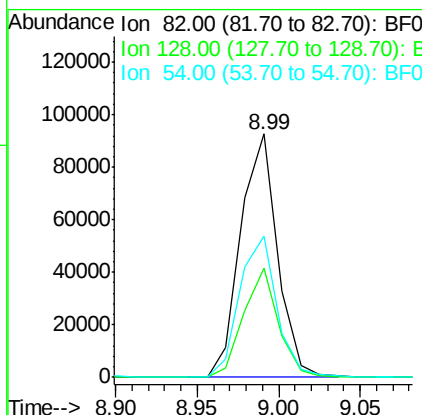
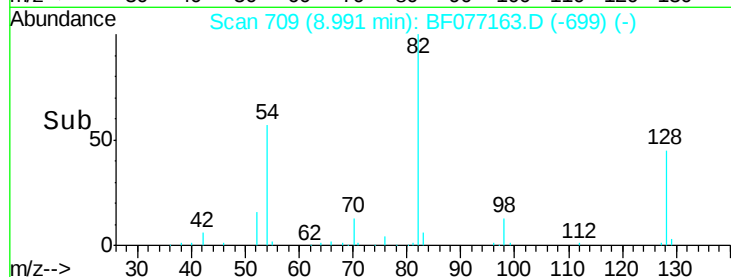
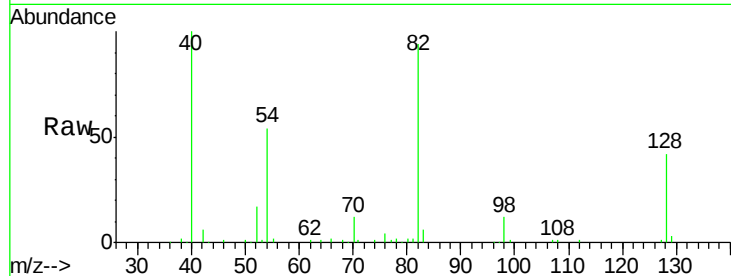




#23
 Nitrobenzene-d5
 Concen: 73.15 ng
 RT: 8.99 min Scan# 709
 Delta R.T. 0.01 min
 Lab File: BF077163.D
 Acq: 3 Feb 2015 16:00

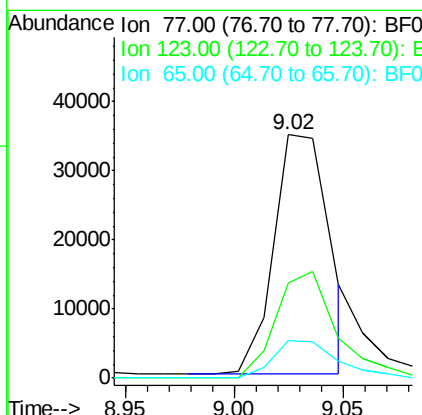
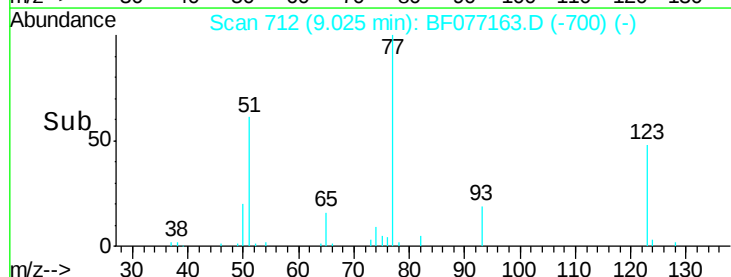
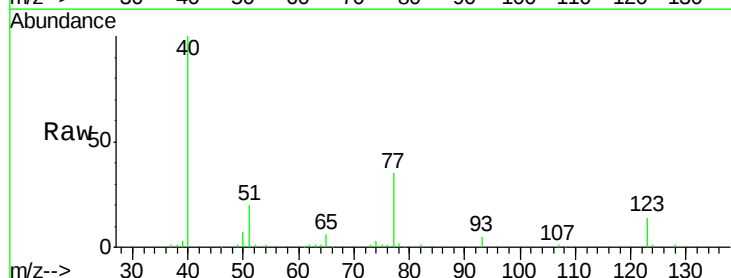
Instrument :
 BNA_F
 ClientSampleId :
 PB81581BS

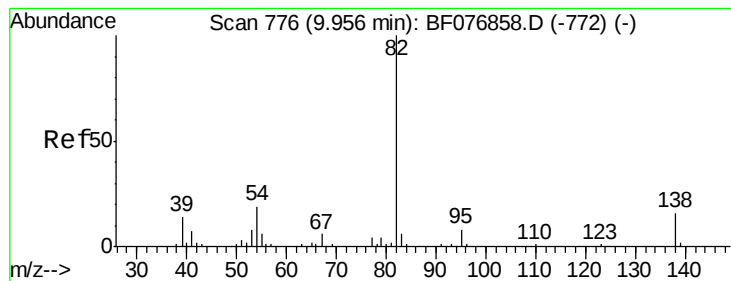
Tot Ion	Ratio	Lower	Upper
82	100		
128	44.8	33.1	49.7
54	57.8	48.3	72.5



#24
 Nitrobenzene
 Concen: 30.65 ng
 RT: 9.02 min Scan# 712
 Delta R.T. 0.03 min
 Lab File: BF077163.D
 Acq: 3 Feb 2015 16:00

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.1	35.2	52.8
65	15.6	11.4	17.2





#25

Isophorone

Concen: 34.50 ng

RT: 9.63 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF077163.D

Acq: 3 Feb 2015 16:00

Instrument :

BNA_F

ClientSampleId :

PB81581BS

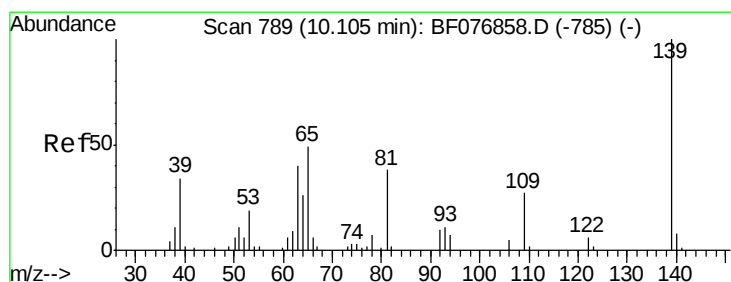
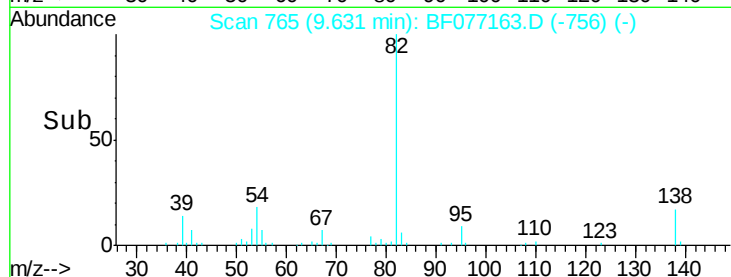
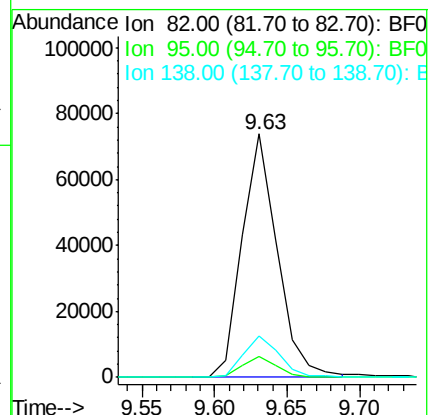
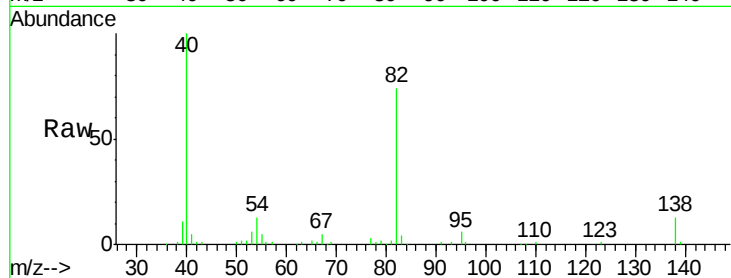
Tot Ion: 82 Resp: 124493

Ion Ratio Lower Upper

82 100

95 8.6 6.6 10.0

138 17.1 12.6 18.8



#26

2-Nitrophenol

Concen: 30.40 ng

RT: 9.77 min Scan# 777

Delta R.T. -0.01 min

Lab File: BF077163.D

Acq: 3 Feb 2015 16:00

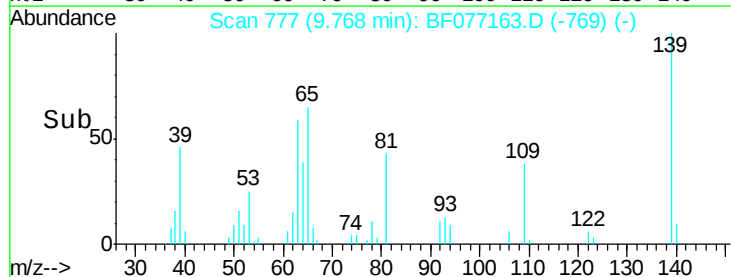
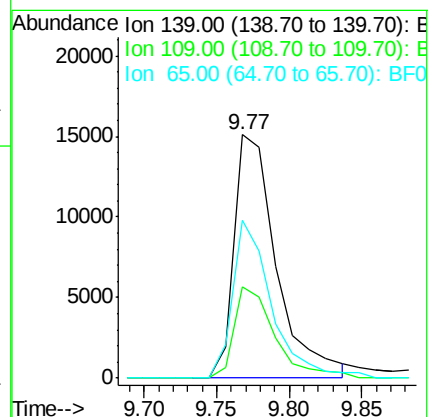
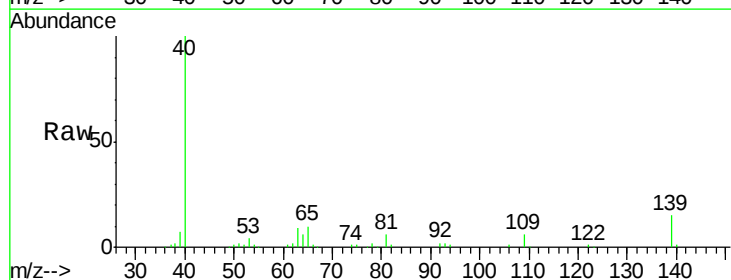
Tgt Ion: 139 Resp: 30727

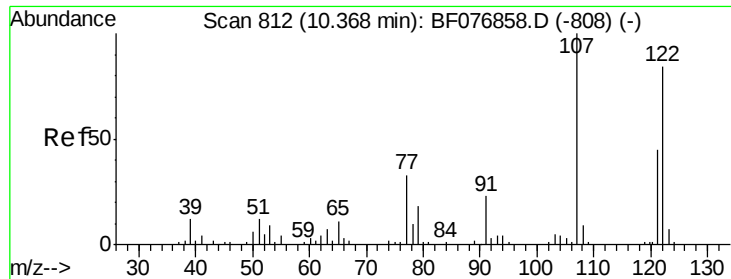
Ion Ratio Lower Upper

139 100

109 37.6 21.3 31.9#

65 64.6 39.4 59.0#

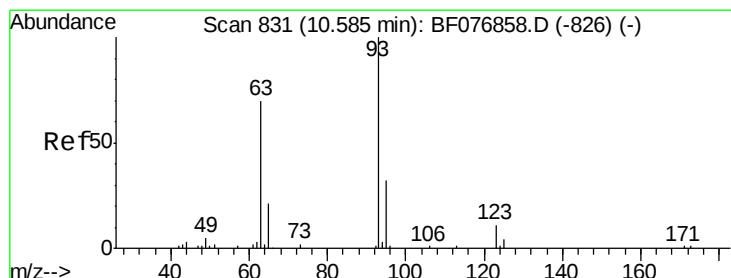
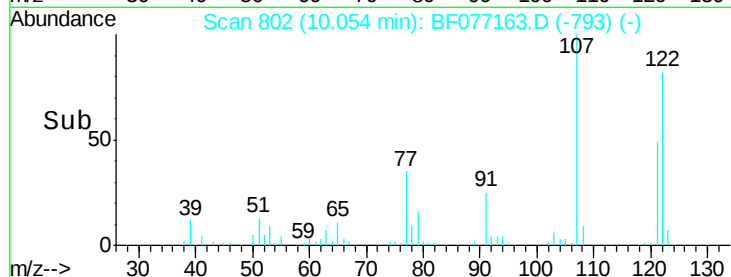
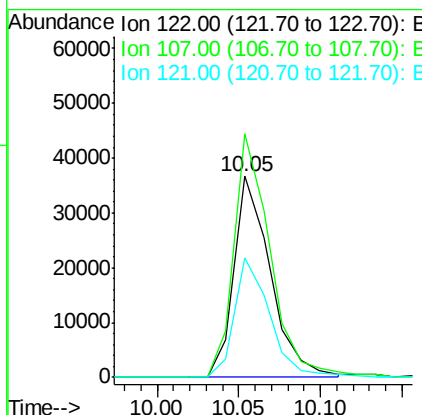
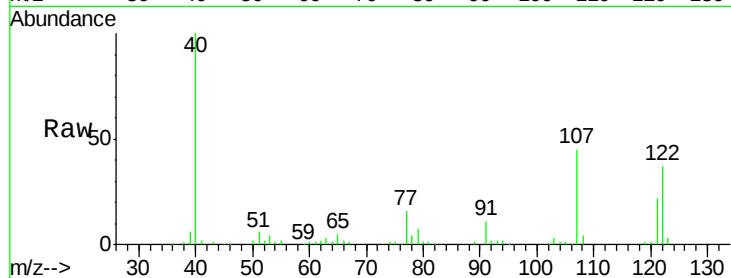




#27
 2,4-Dimethylphenol
 Concen: 36.34 ng
 RT: 10.05 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: BF077163.D
 Acq: 3 Feb 2015 16:00

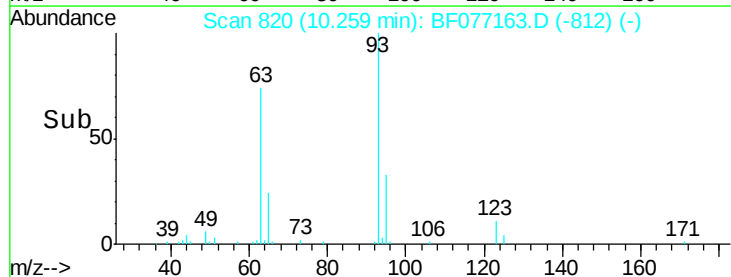
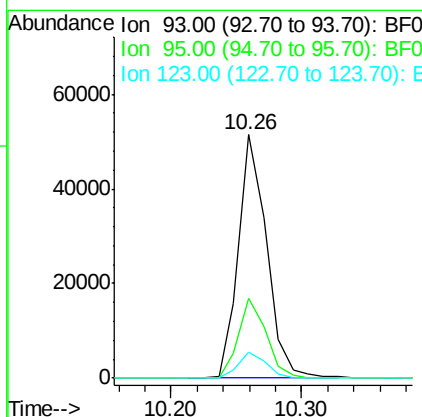
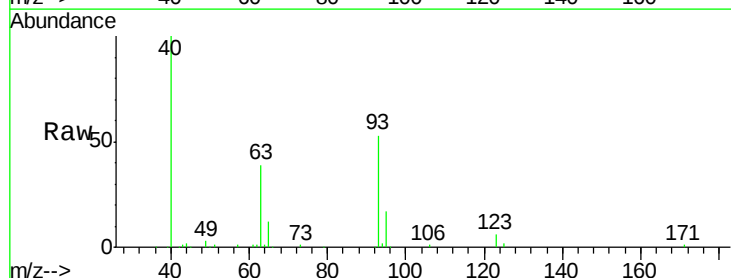
Instrument :
 BNA_F
 ClientSampled :
 PB81581BS

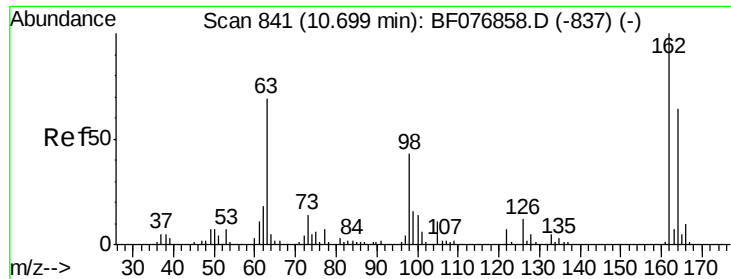
Tot Ion:122 Resp: 56718
 Ion Ratio Lower Upper
 122 100
 107 121.3 95.2 142.8
 121 59.3 42.9 64.3



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.79 ng
 RT: 10.26 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BF077163.D
 Acq: 3 Feb 2015 16:00

Tgt Ion: 93 Resp: 77511
 Ion Ratio Lower Upper
 93 100
 95 32.7 25.6 38.4
 123 10.8 8.9 13.3

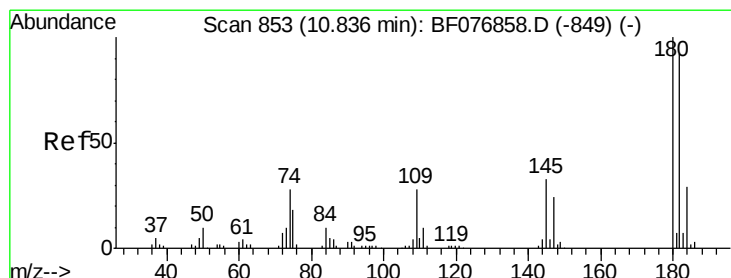
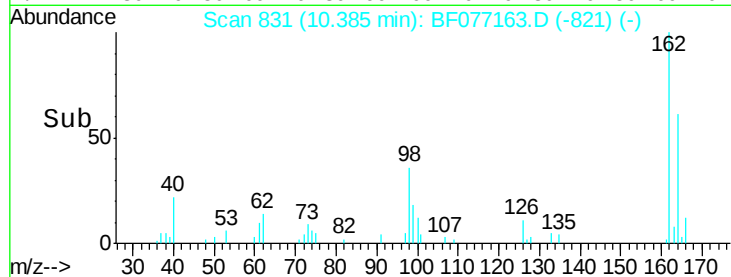
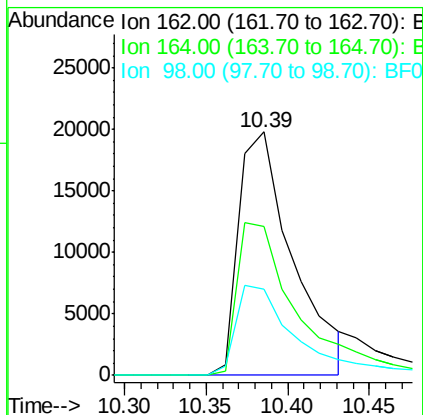
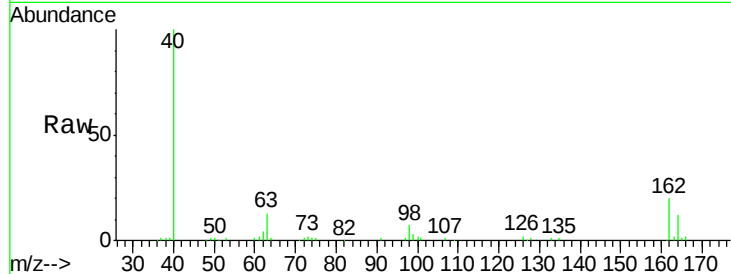




#29
 2,4-Dichlorophenol
 Concen: 31.34 ng
 RT: 10.39 min Scan# 831
 Delta R.T. 0.01 min
 Lab File: BF077163.D
 Acq: 3 Feb 2015 16:00

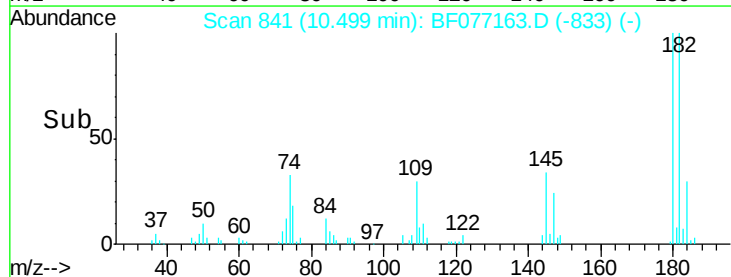
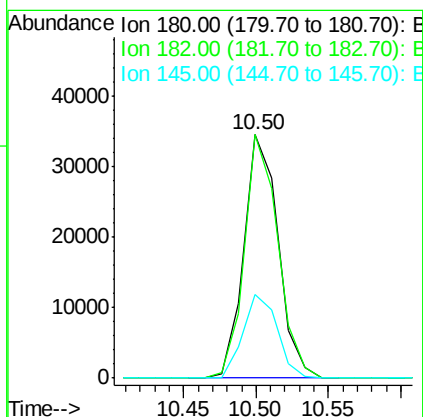
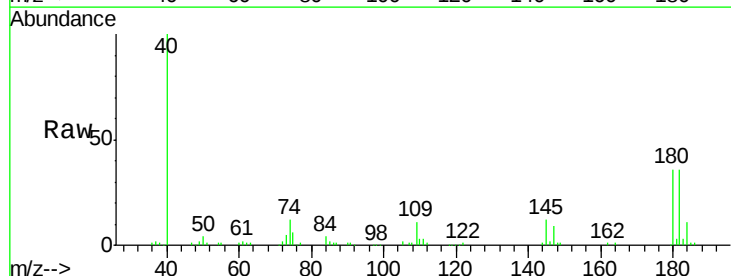
Instrument :
 BNA_F
 ClientSampleId :
 PB81581BS

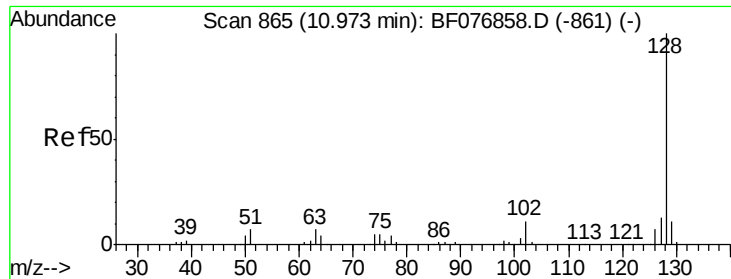
Tot Ion:162 Resp: 45588
 Ion Ratio Lower Upper
 162 100
 164 60.9 43.8 83.8
 98 35.6 22.5 62.5



#30
 1,2,4-Trichlorobenzene
 Concen: 34.93 ng
 RT: 10.50 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BF077163.D
 Acq: 3 Feb 2015 16:00

Tgt Ion:180 Resp: 56446
 Ion Ratio Lower Upper
 180 100
 182 99.8 73.6 110.4
 145 34.2 26.6 39.8

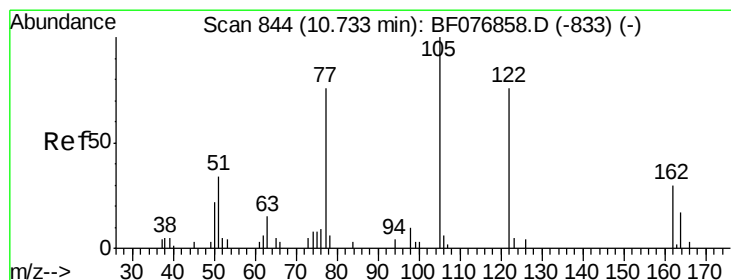
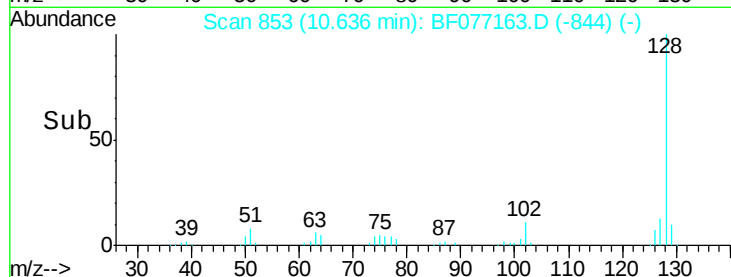
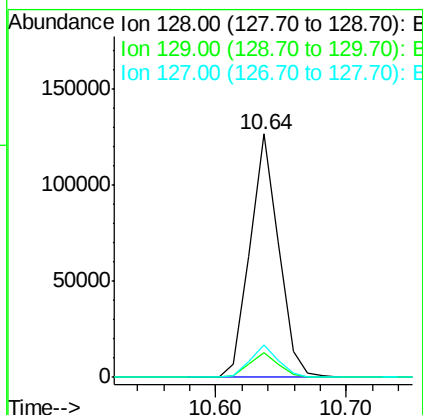
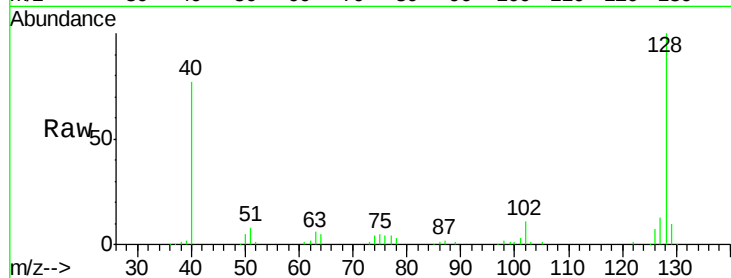




#31
Naphthalene
Concen: 34.45 ng
RT: 10.64 min Scan# 853
Delta R.T. 0.00 min
Lab File: BF077163.D
Acq: 3 Feb 2015 16:00

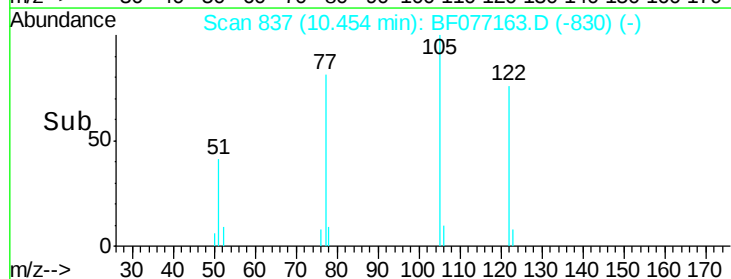
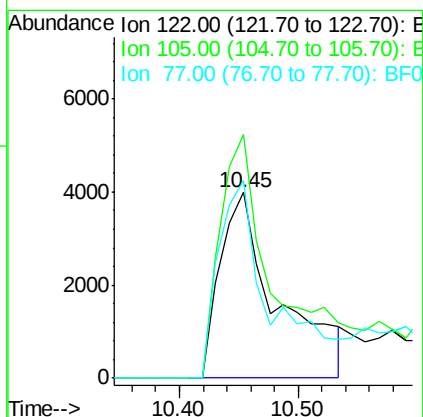
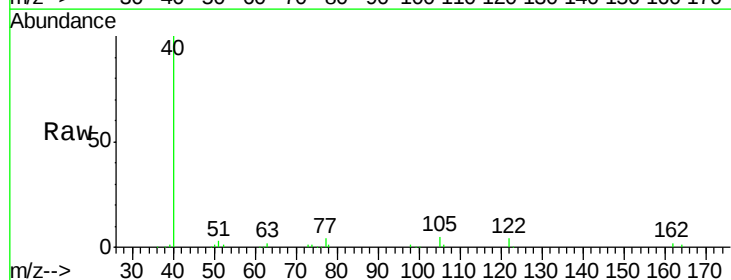
Instrument :
BNA_F
ClientSampleId :
PB81581BS

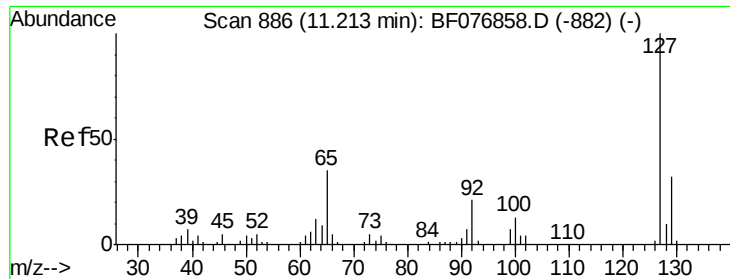
Tot Ion:128 Resp: 194701
Ion Ratio Lower Upper
128 100
129 10.3 9.0 13.6
127 13.3 10.2 15.2



#32
Benzoic acid
Concen: 15.59 ng
RT: 10.45 min Scan# 837
Delta R.T. -0.02 min
Lab File: BF077163.D
Acq: 3 Feb 2015 16:00

Tgt Ion:122 Resp: 13484
Ion Ratio Lower Upper
122 100
105 131.0 111.3 151.3
77 106.6 79.2 119.2

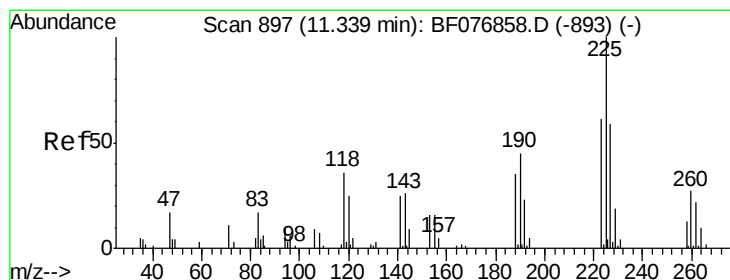
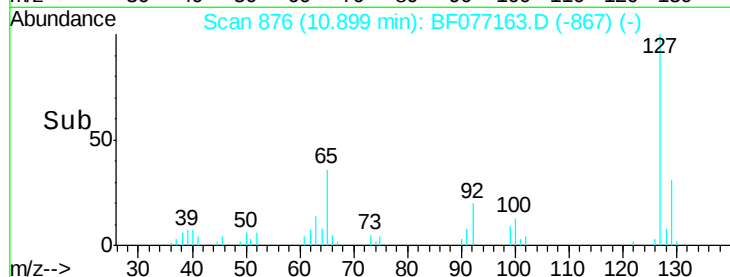
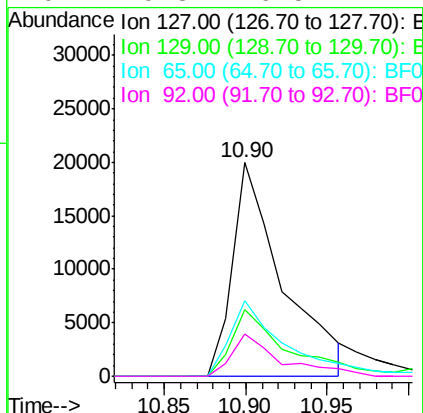
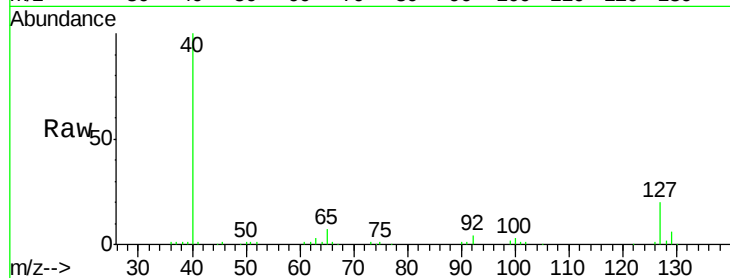




#33
4-Chloroaniline
Concen: 18.57 ng
RT: 10.90 min Scan# 876
Delta R.T. 0.00 min
Lab File: BF077163.D
Acq: 3 Feb 2015 16:00

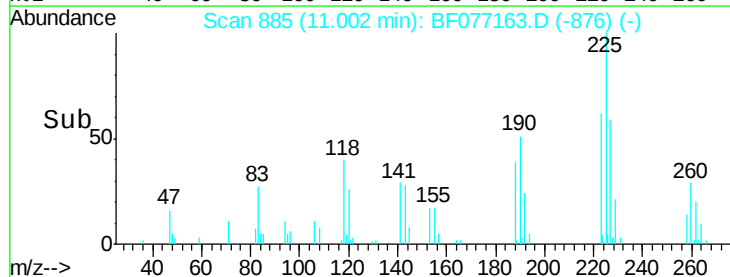
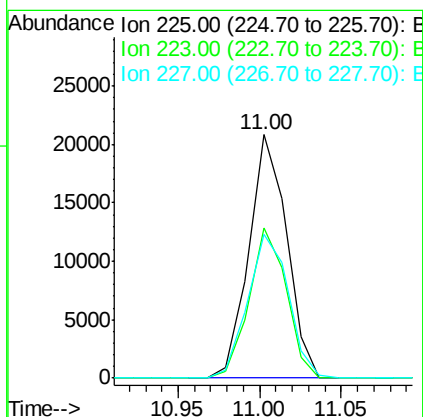
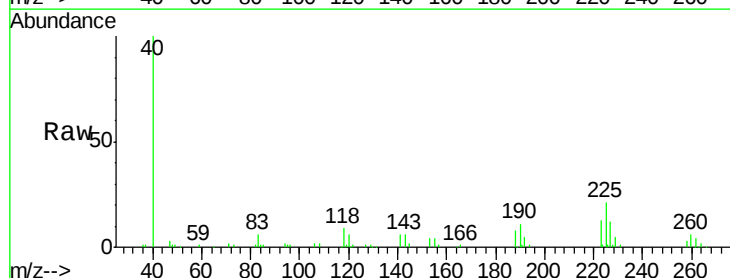
Instrument :
BNA_F
ClientSampleId :
PB81581BS

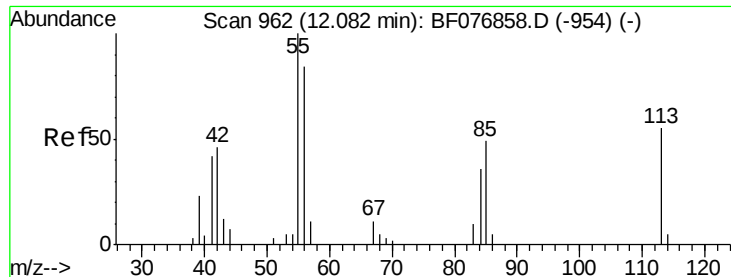
Tot Ion:127 Resp: 42402
Ion Ratio Lower Upper
127 100
129 31.1 25.3 37.9
65 35.6 27.8 41.6
92 19.8 16.5 24.7



#34
Hexachlorobutadiene
Concen: 35.05 ng
RT: 11.00 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF077163.D
Acq: 3 Feb 2015 16:00

Tgt Ion:225 Resp: 33603
Ion Ratio Lower Upper
225 100
223 61.9 49.1 73.7
227 58.8 47.5 71.3





#35

Caprolactam

Concen: 25.35 ng

RT: 11.73 min Scan# 949

Delta R.T. -0.05 min

Lab File: BF077163.D

Acq: 3 Feb 2015 16:00

Instrument :

BNA_F

ClientSampleId :

PB81581BS

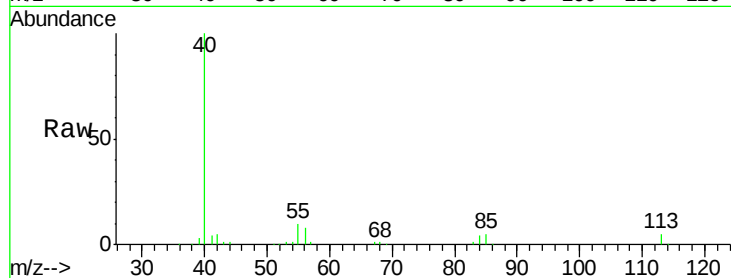
Tot Ion:113 Resp: 10857

Ion Ratio Lower Upper

113 100

55 213.6 162.1 202.1#

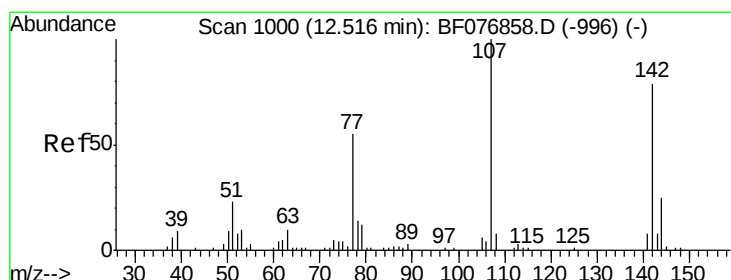
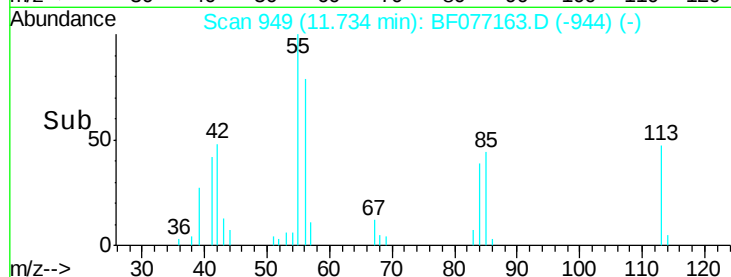
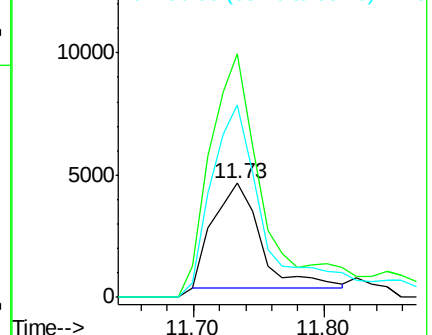
56 168.7 133.7 173.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 33.39 ng

RT: 12.20 min Scan# 990

Delta R.T. 0.00 min

Lab File: BF077163.D

Acq: 3 Feb 2015 16:00

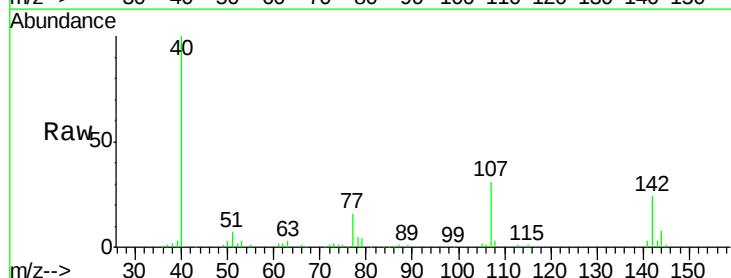
Tgt Ion:107 Resp: 55613

Ion Ratio Lower Upper

107 100

144 27.1 20.0 30.0

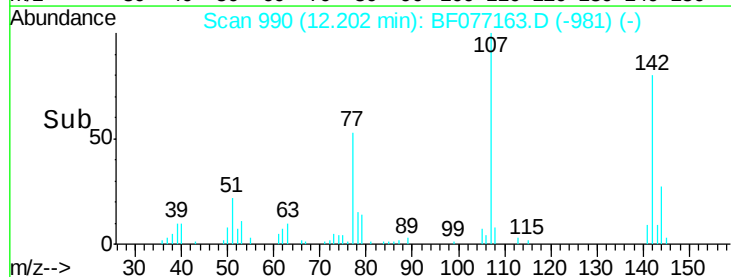
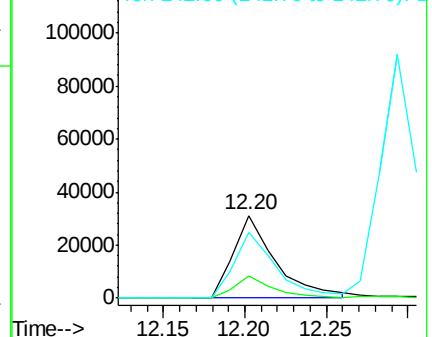
142 79.5 63.5 95.3

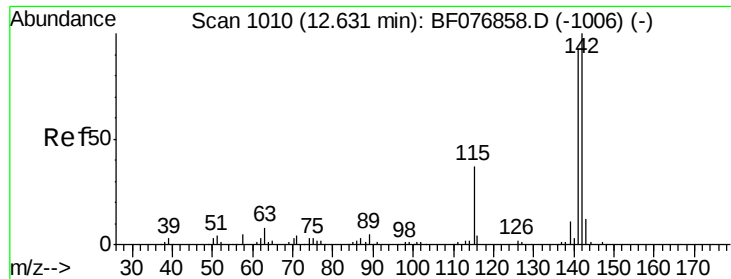


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

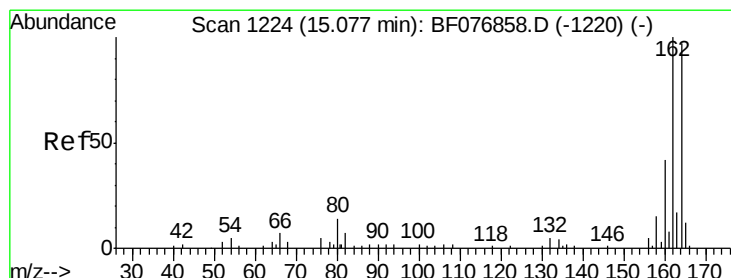
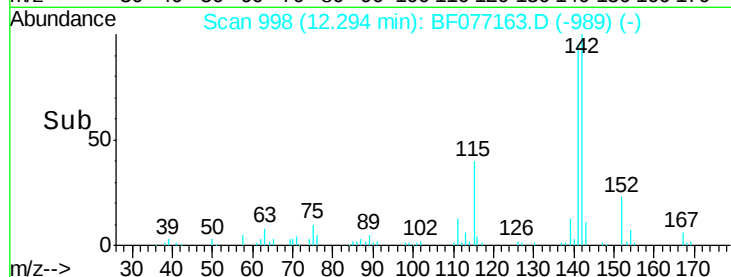
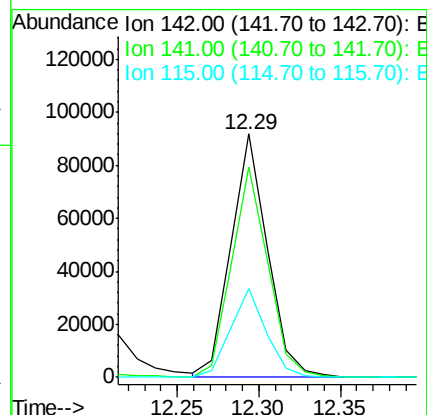
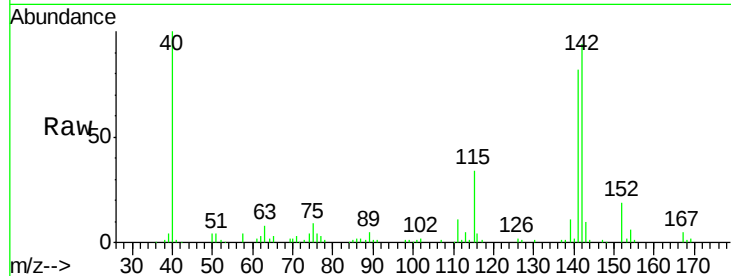




#37
2-Methylnaphthalene
Concen: 36.21 ng
RT: 12.29 min Scan# 998
Delta R.T. 0.00 min
Lab File: BF077163.D
Acq: 3 Feb 2015 16:00

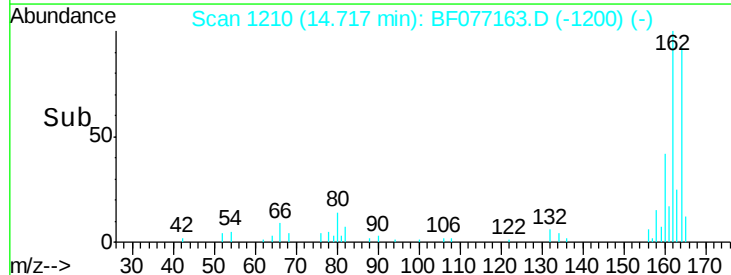
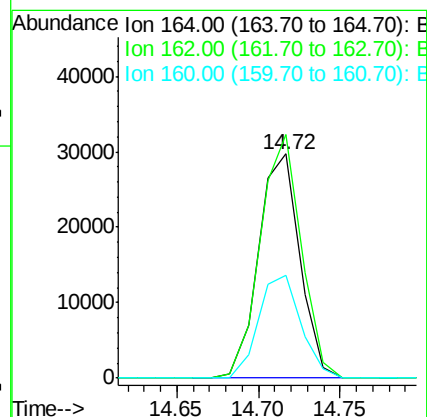
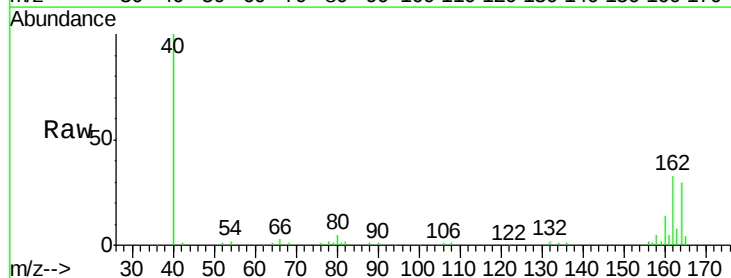
Instrument :
BNA_F
ClientSampleId :
PB81581BS

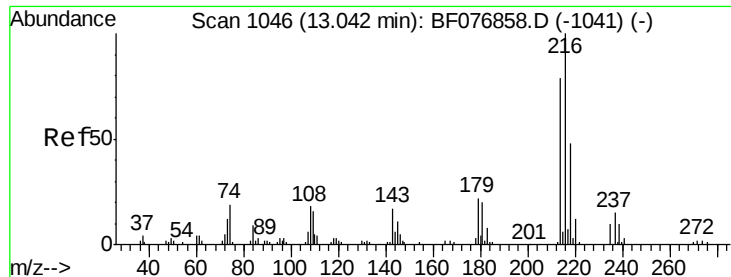
Tot Ion:142 Resp: 139748
Ion Ratio Lower Upper
142 100
141 86.3 74.5 111.7
115 36.2 29.7 44.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.72 min Scan# 1210
Delta R.T. 0.01 min
Lab File: BF077163.D
Acq: 3 Feb 2015 16:00

Tgt Ion:164 Resp: 52200
Ion Ratio Lower Upper
164 100
162 108.8 82.4 123.6
160 46.2 34.8 52.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.60 ng

RT: 12.69 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BF077163.D

Acq: 3 Feb 2015 16:00

Instrument :

BNA_F

ClientSampleId :

PB81581BS

Tot Ion:216 Resp: 56272

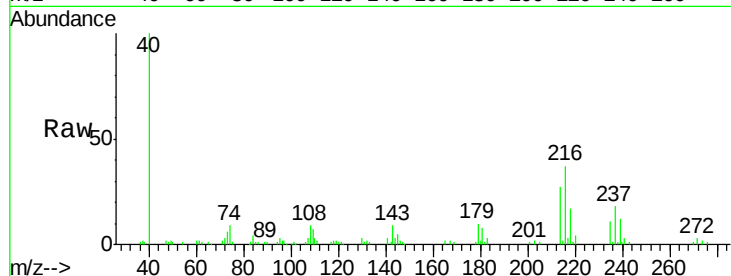
Ion Ratio Lower Upper

216 100

214 72.8 64.9 97.3

179 24.7 18.6 28.0

108 25.4 18.1 27.1

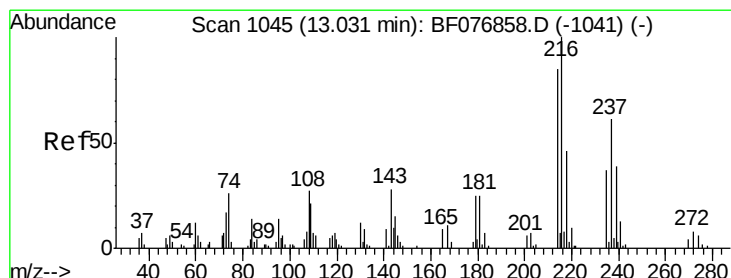
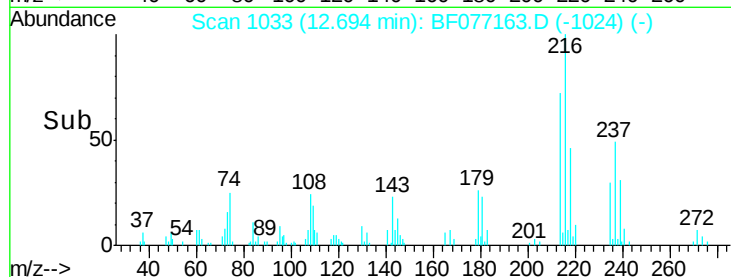
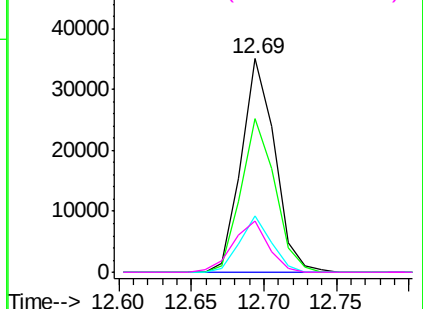


Abundance Ion 216.00 (215.70 to 216.70): E

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: 81.81 ng

RT: 12.68 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF077163.D

Acq: 3 Feb 2015 16:00

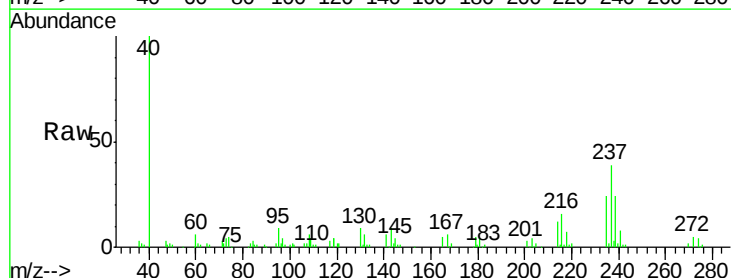
Tgt Ion:237 Resp: 56915

Ion Ratio Lower Upper

237 100

235 60.6 40.4 80.4

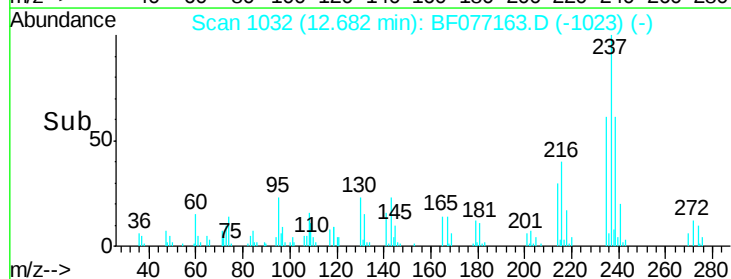
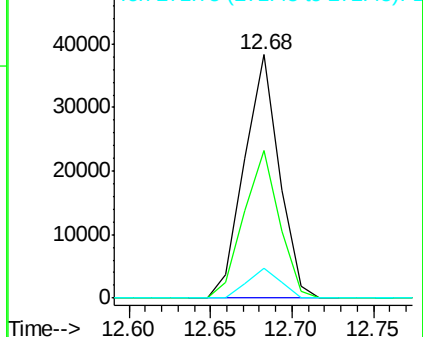
272 12.4 0.0 33.2

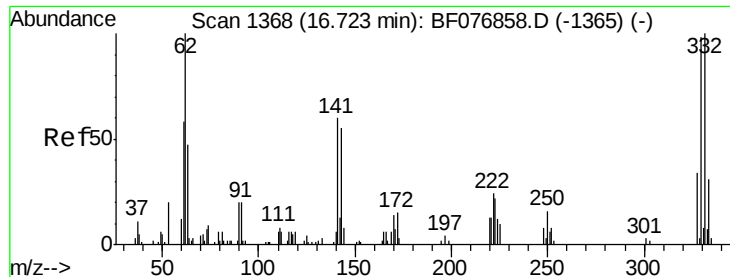


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

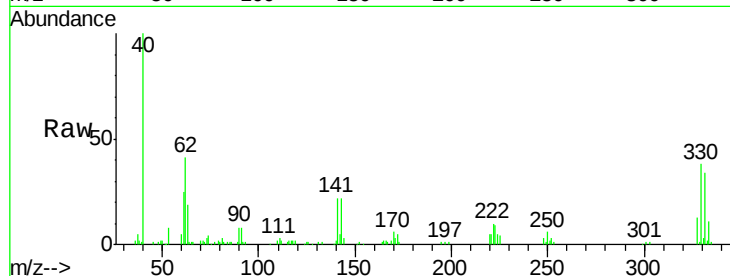




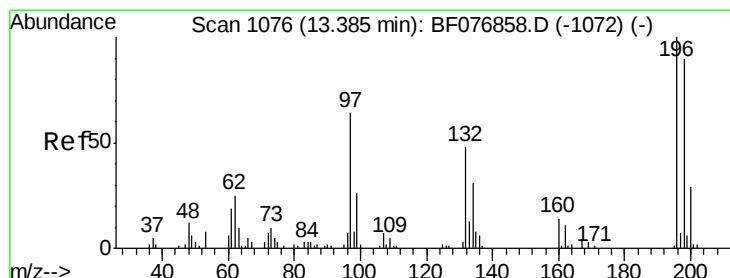
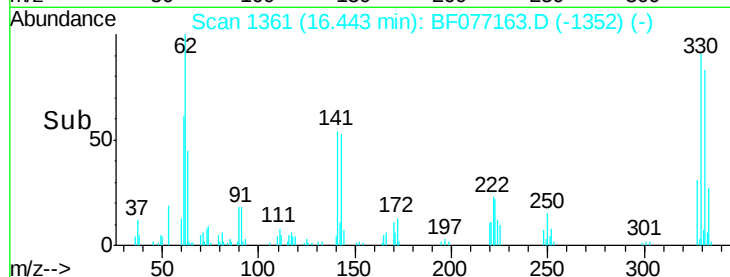
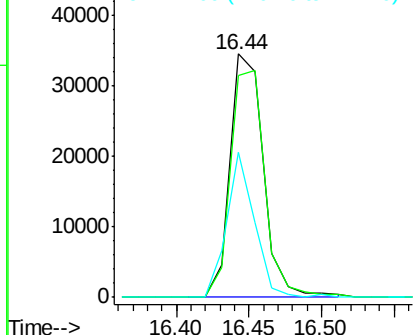
#41
 2,4,6-Tribromophenol
 Concen: 130.78 ng
 RT: 16.44 min Scan# 1361
 Delta R.T. 0.00 min
 Lab File: BF077163.D
 Acq: 3 Feb 2015 16:00

Instrument :
 BNA_F
 ClientSampleId :
 PB81581BS

Tot Ion:330 Resp: 55416
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.8 116.6
 141 49.7 38.5 57.7

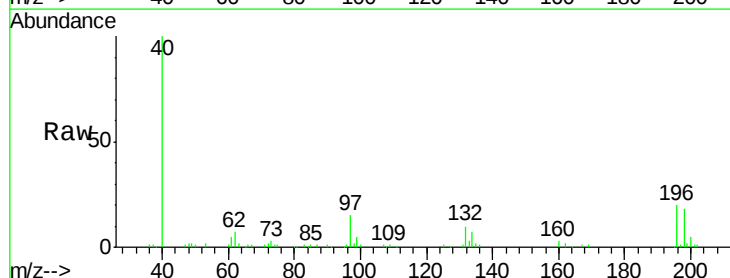


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

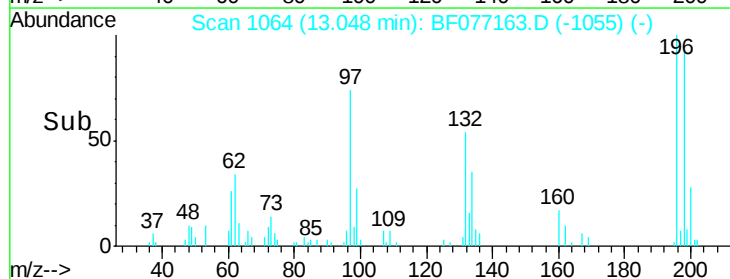
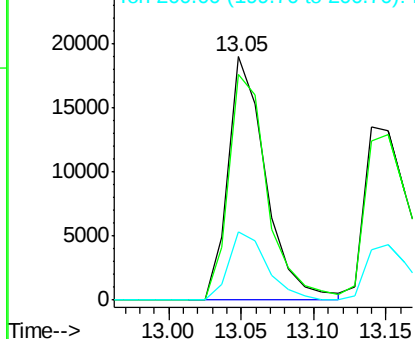


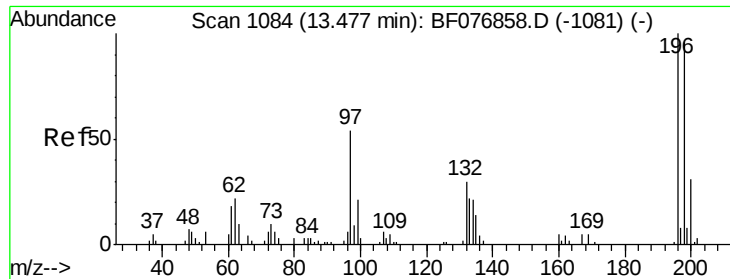
#42
 2,4,6-Trichlorophenol
 Concen: 36.62 ng
 RT: 13.05 min Scan# 1064
 Delta R.T. 0.00 min
 Lab File: BF077163.D
 Acq: 3 Feb 2015 16:00

Tgt Ion:196 Resp: 34436
 Ion Ratio Lower Upper
 196 100
 198 92.7 72.0 108.0
 200 28.1 23.4 35.2



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

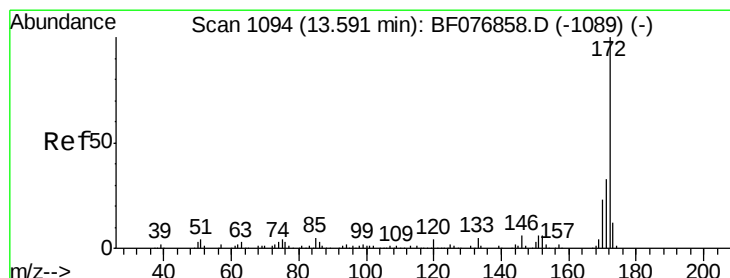
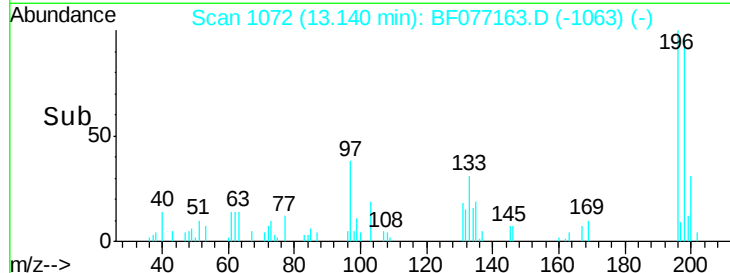
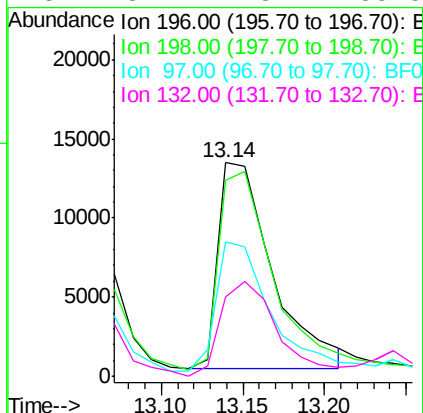
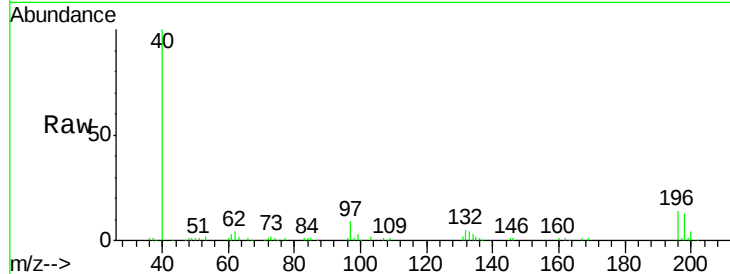




#43
 2,4,5-Trichlorophenol
 Concen: 31.33 ng
 RT: 13.14 min Scan# 1072
 Delta R.T. 0.00 min
 Lab File: BF077163.D
 Acq: 3 Feb 2015 16:00

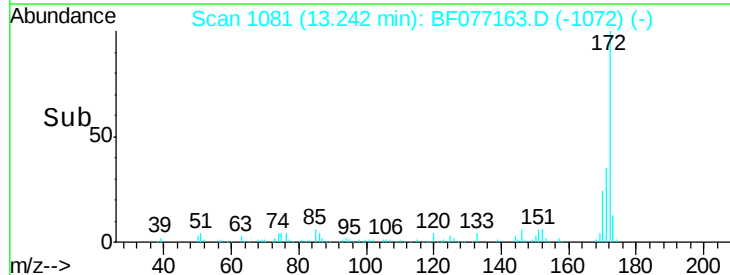
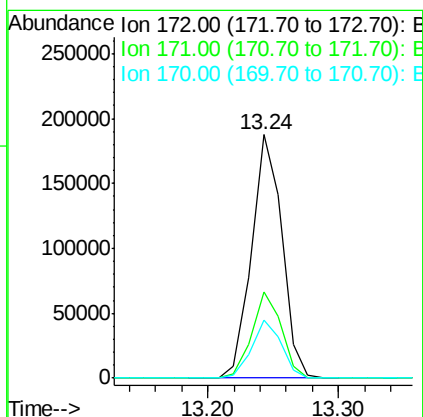
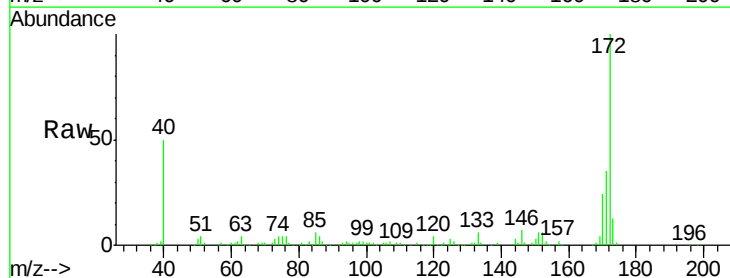
Instrument :
 BNA_F
 ClientSampleId :
 PB81581BS

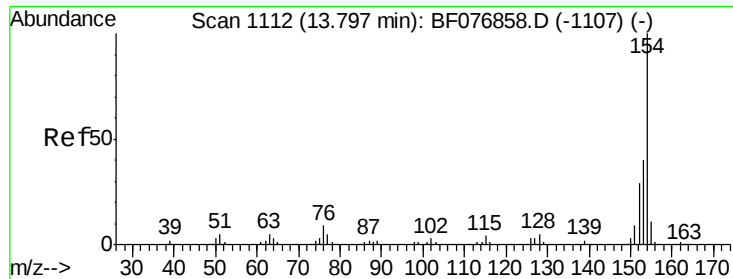
Tot Ion:196 Resp: 30045
 Ion Ratio Lower Upper
 196 100
 198 91.8 76.6 115.0
 97 62.9 43.4 65.0
 132 37.4 23.7 35.5#



#44
 2-Fluorobiphenyl
 Concen: 88.91 ng
 RT: 13.24 min Scan# 1081
 Delta R.T. 0.00 min
 Lab File: BF077163.D
 Acq: 3 Feb 2015 16:00

Tgt Ion:172 Resp: 304984
 Ion Ratio Lower Upper
 172 100
 171 35.5 26.6 40.0
 170 23.8 18.0 27.0

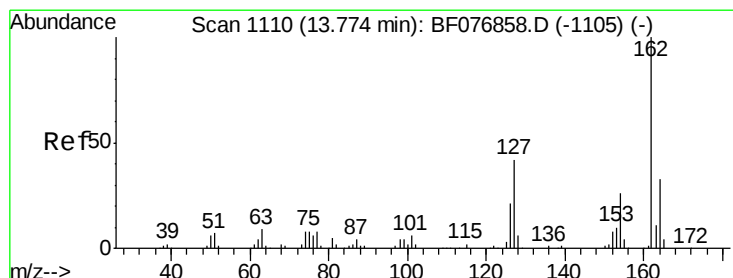
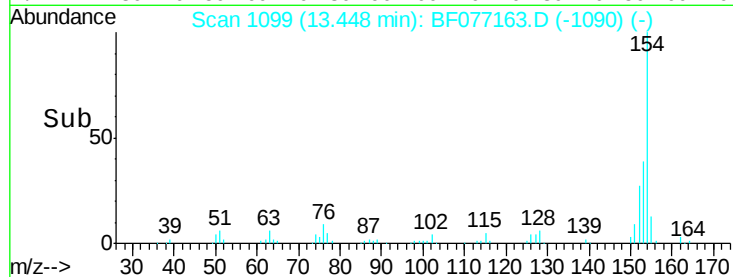
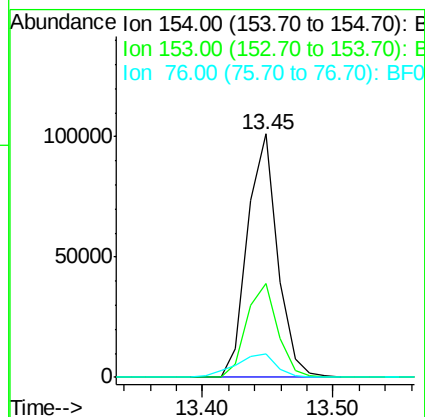
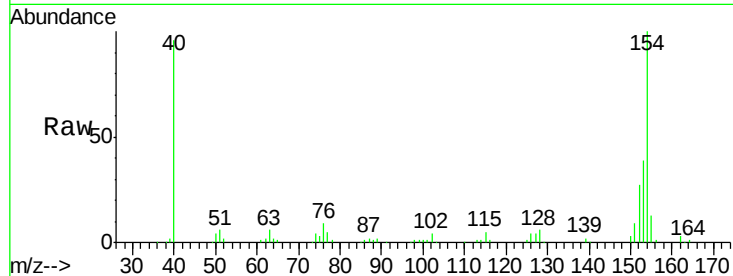




#45
 1,1'-Biphenyl
 Concen: 41.82 ng
 RT: 13.45 min Scan# 1099
 Delta R.T. 0.00 min
 Lab File: BF077163.D
 Acq: 3 Feb 2015 16:00

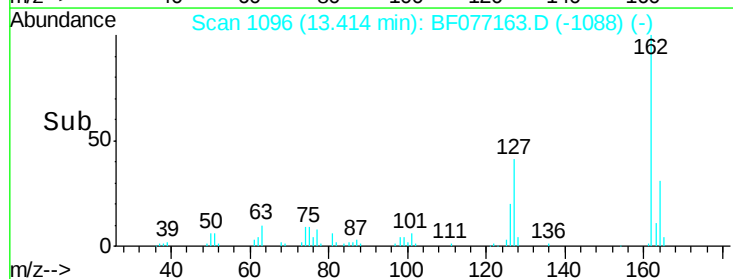
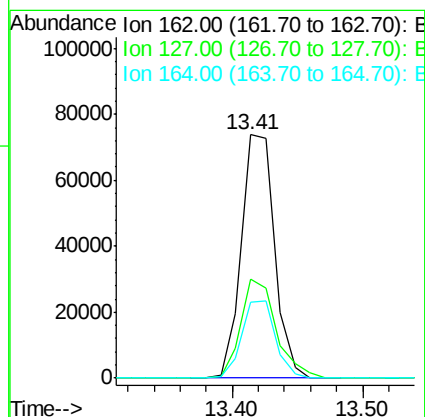
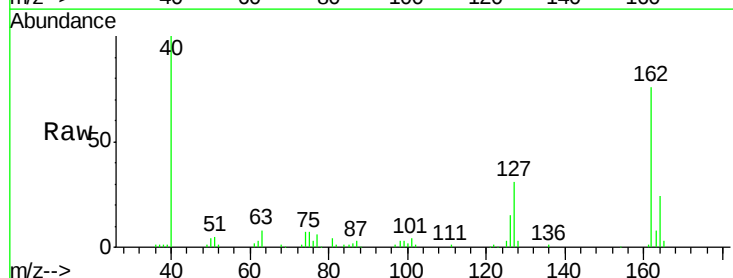
Instrument :
 BNA_F
 ClientSampleId :
 PB81581BS

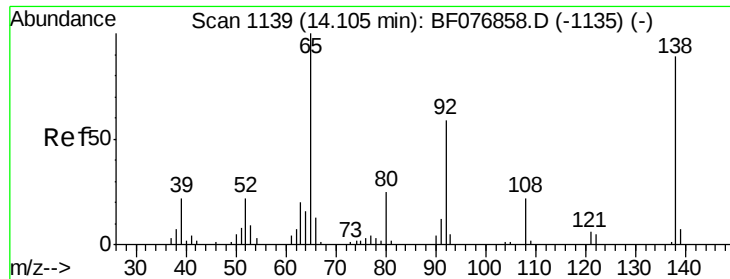
Tot Ion:154 Resp: 161841
 Ion Ratio Lower Upper
 154 100
 153 38.8 20.2 60.2
 76 9.4 0.0 29.0



#46
 2-Chloronaphthalene
 Concen: 40.97 ng
 RT: 13.41 min Scan# 1096
 Delta R.T. -0.01 min
 Lab File: BF077163.D
 Acq: 3 Feb 2015 16:00

Tgt Ion:162 Resp: 130452
 Ion Ratio Lower Upper
 162 100
 127 40.7 33.8 50.6
 164 31.2 26.8 40.2





#47

2-Nitroaniline

Concen: 39.58 ng

RT: 13.77 min Scan# 1127

Delta R.T. 0.00 min

Lab File: BF077163.D

Acq: 3 Feb 2015 16:00

Instrument :

BNA_F

ClientSampleId :

PB81581BS

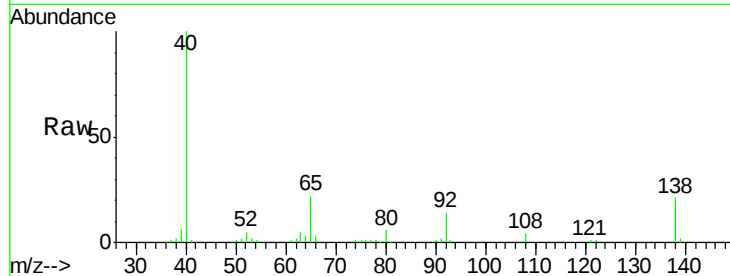
Tot Ion: 65 Resp: 38236

Ion Ratio Lower Upper

65 100

92 63.1 47.3 70.9

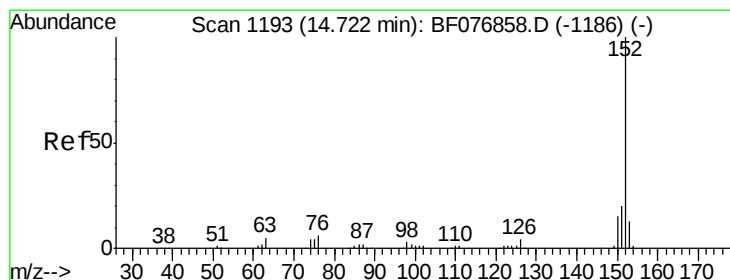
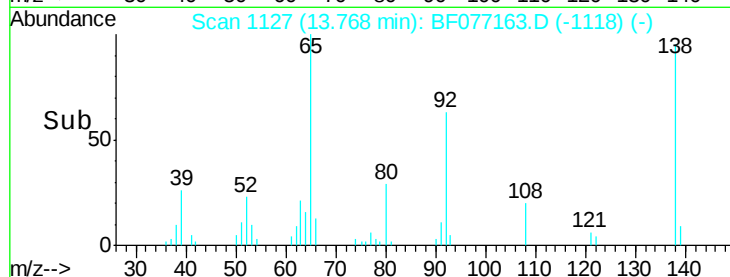
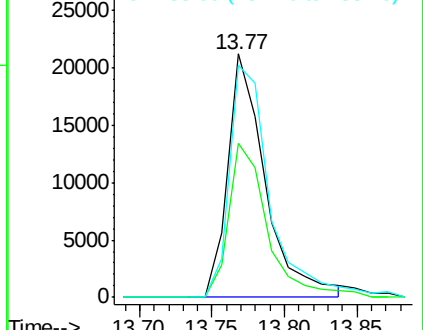
138 95.2 71.4 107.2



Abundance Ion 65.00 (64.70 to 65.70): BF077163.D (-1118) (-)

Ion 92.00 (91.70 to 92.70): BF077163.D (-1118) (-)

Ion 138.00 (137.70 to 138.70): BF077163.D (-1118) (-)



#48

Acenaphthylene

Concen: 39.18 ng

RT: 14.36 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BF077163.D

Acq: 3 Feb 2015 16:00

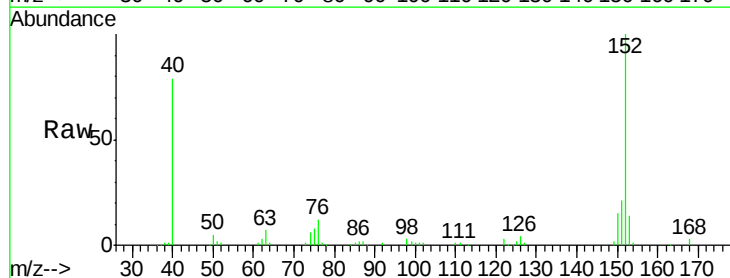
Tgt Ion: 152 Resp: 210435

Ion Ratio Lower Upper

152 100

151 20.6 15.9 23.9

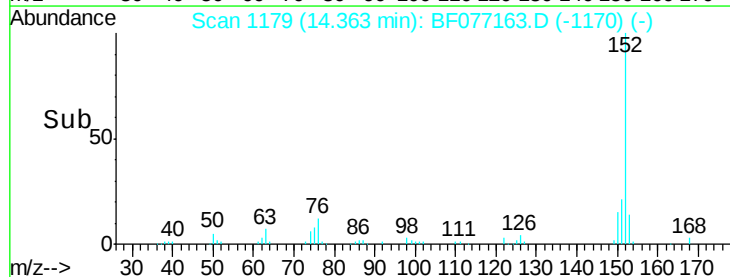
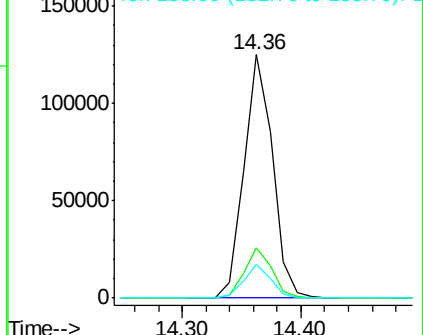
153 13.7 10.2 15.4

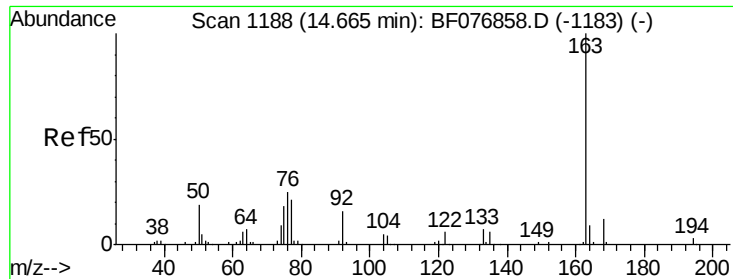


Abundance Ion 152.00 (151.70 to 152.70): BF077163.D (-1170) (-)

Ion 151.00 (150.70 to 151.70): BF077163.D (-1170) (-)

Ion 153.00 (152.70 to 153.70): BF077163.D (-1170) (-)

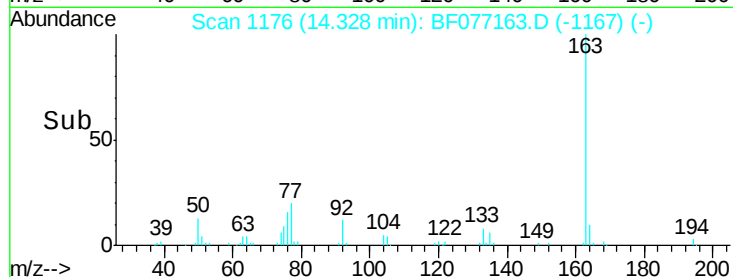
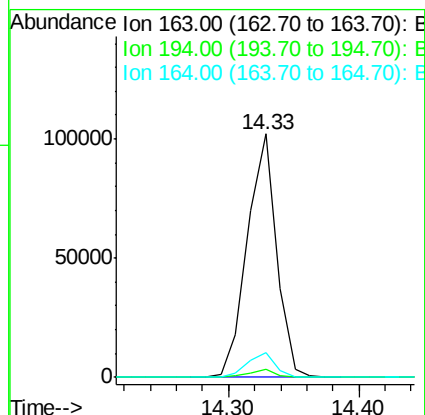
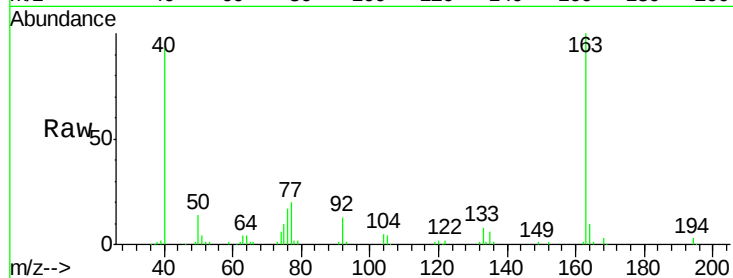




#49
Dimethylphthalate
Concen: 43.21 ng
RT: 14.33 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BF077163.D
Acq: 3 Feb 2015 16:00

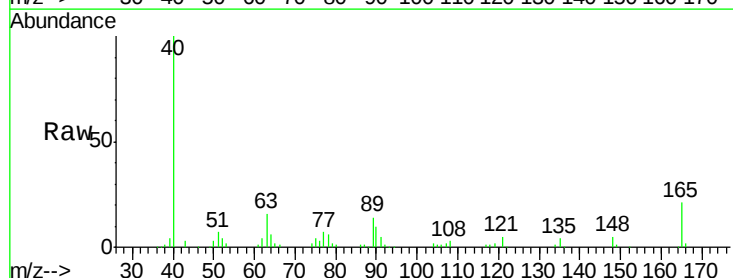
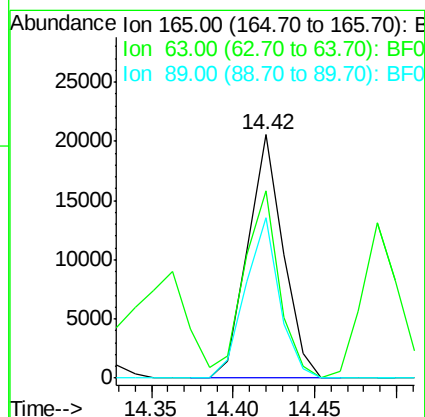
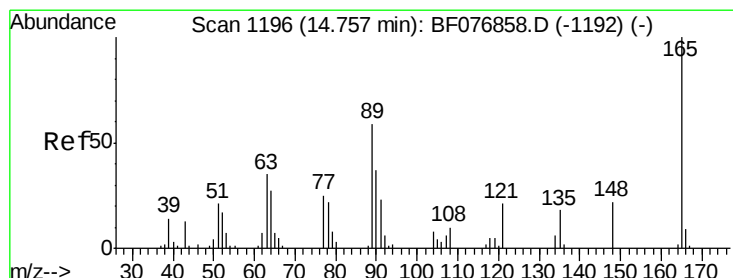
Instrument :
BNA_F
ClientSampleId :
PB81581BS

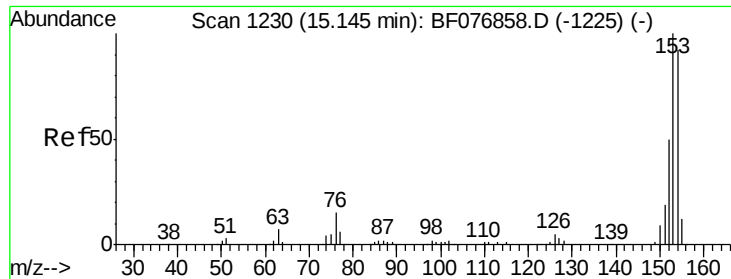
Tot Ion:163 Resp: 159941
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 10.2 7.5 11.3



#50
2,6-Dinitrotoluene
Concen: 41.88 ng
RT: 14.42 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF077163.D
Acq: 3 Feb 2015 16:00

Tgt Ion:165 Resp: 30973
Ion Ratio Lower Upper
165 100
63 77.1 48.1 72.1#
89 66.1 47.2 70.8





#51

Acenaphthene

Concen: 38.69 ng

RT: 14.79 min Scan# 1216

Delta R.T. 0.00 min

Lab File: BF077163.D

Acq: 3 Feb 2015 16:00

Instrument :

BNA_F

ClientSampleId :

PB81581BS

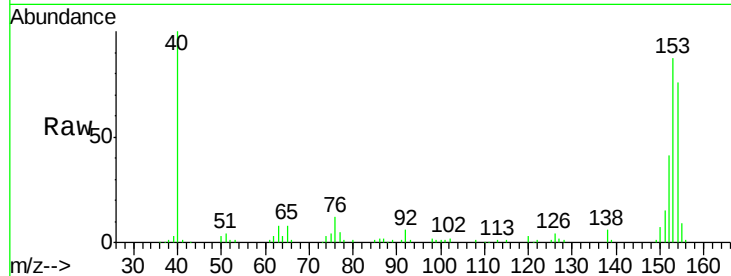
Tot Ion:154 Resp: 117918

Ion Ratio Lower Upper

154 100

153 114.4 87.0 130.6

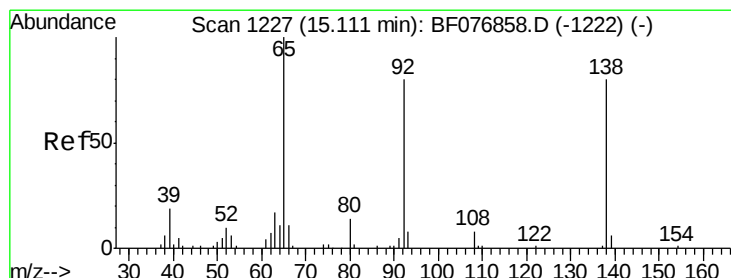
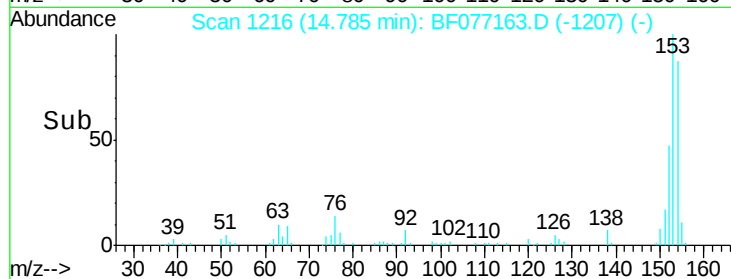
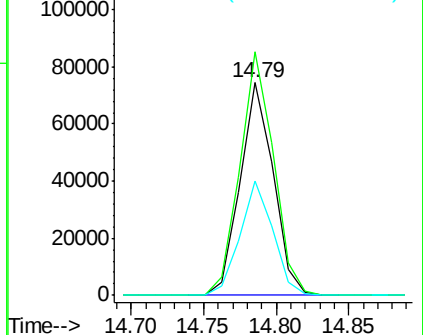
152 53.9 43.5 65.3



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: 26.55 ng

RT: 14.77 min Scan# 1215

Delta R.T. 0.00 min

Lab File: BF077163.D

Acq: 3 Feb 2015 16:00

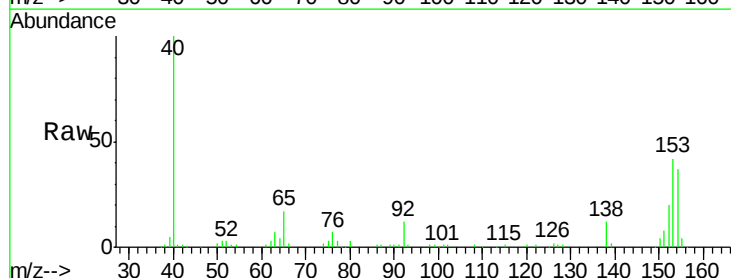
Tgt Ion:138 Resp: 24829

Ion Ratio Lower Upper

138 100

108 10.5 8.3 12.5

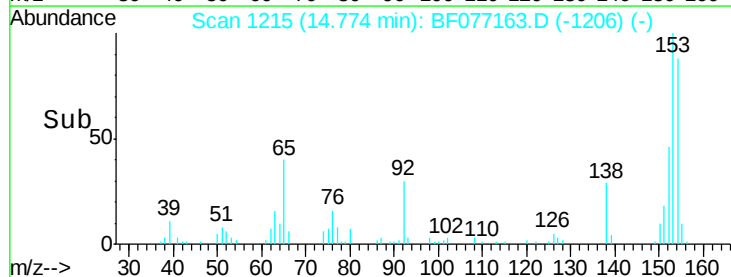
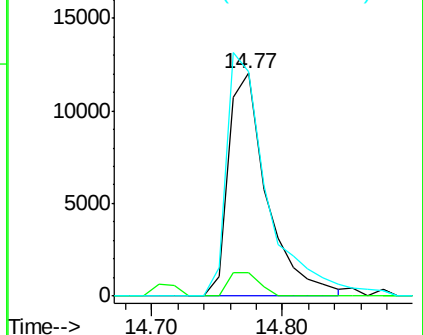
92 101.0 80.9 121.3

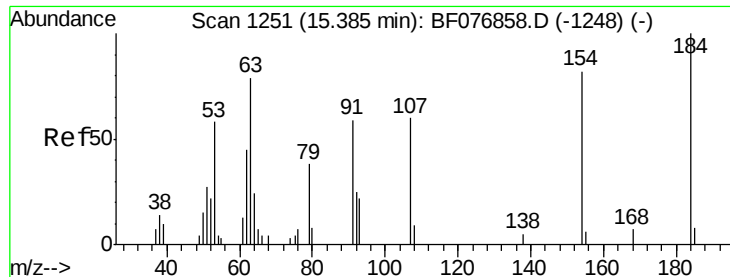


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

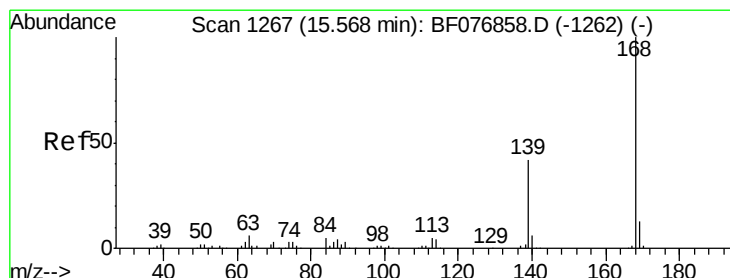
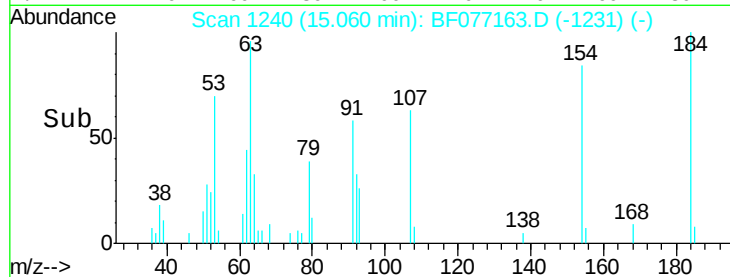
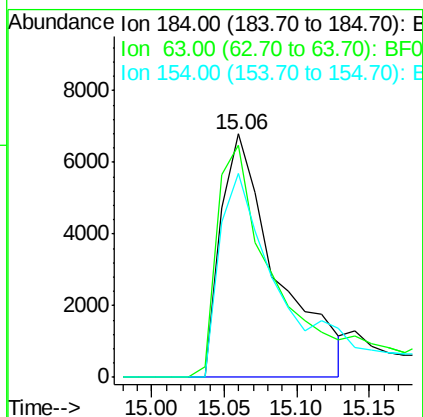
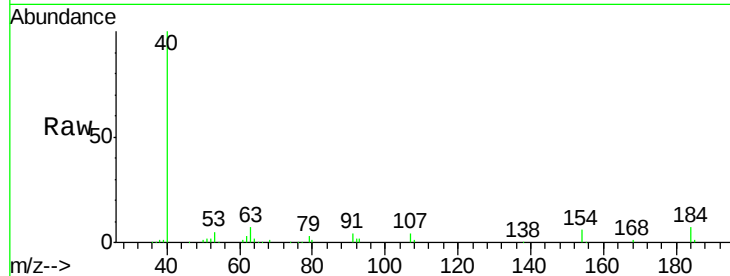




#53
2,4-Dinitrophenol
Concen: 56.63 ng
RT: 15.06 min Scan# 1240
Delta R.T. 0.00 min
Lab File: BF077163.D
Acq: 3 Feb 2015 16:00

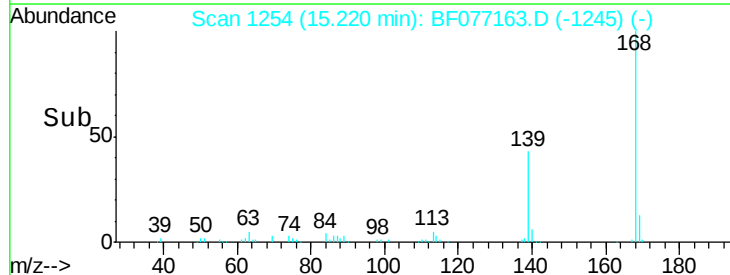
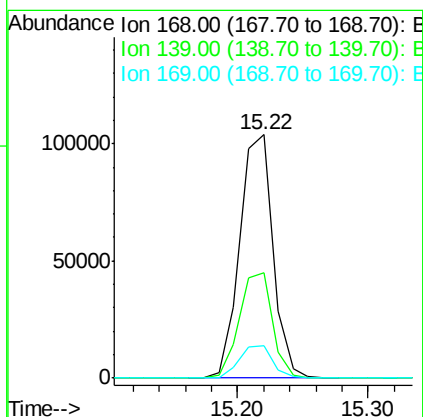
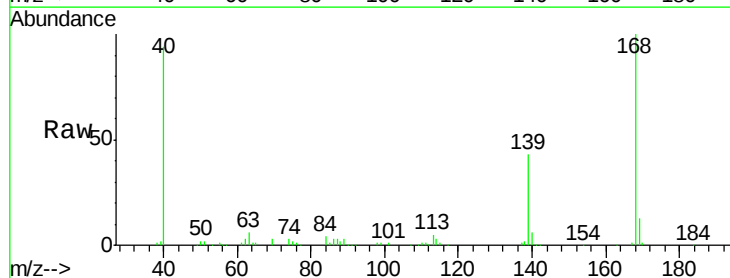
Instrument :
BNA_F
ClientSampleId :
PB81581BS

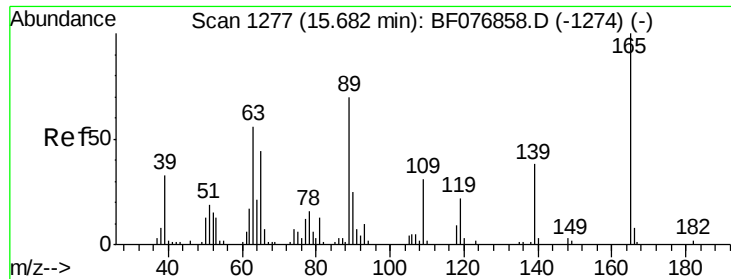
Tot Ion:184 Resp: 18258
Ion Ratio Lower Upper
184 100
63 95.6 63.0 94.6#
154 83.8 65.5 98.3



#54
Dibenzofuran
Concen: 41.35 ng
RT: 15.22 min Scan# 1254
Delta R.T. 0.00 min
Lab File: BF077163.D
Acq: 3 Feb 2015 16:00

Tgt Ion:168 Resp: 183552
Ion Ratio Lower Upper
168 100
139 43.1 33.4 50.2
169 13.1 10.6 15.8

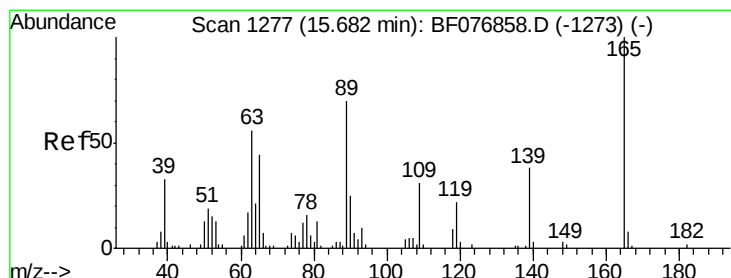
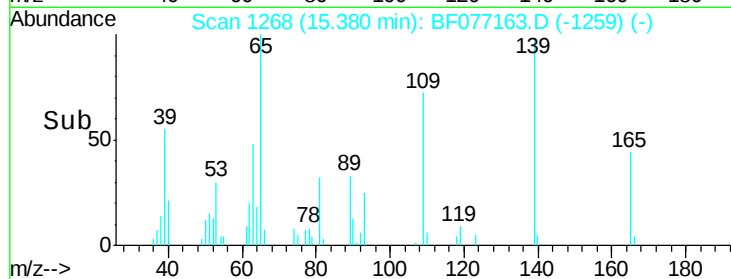
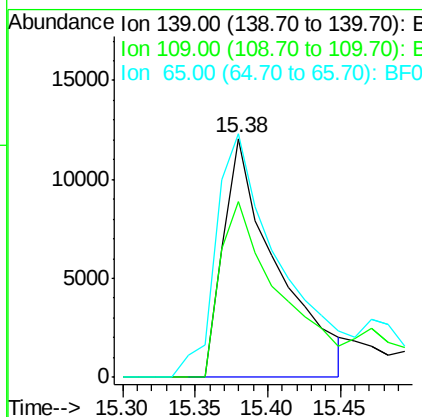
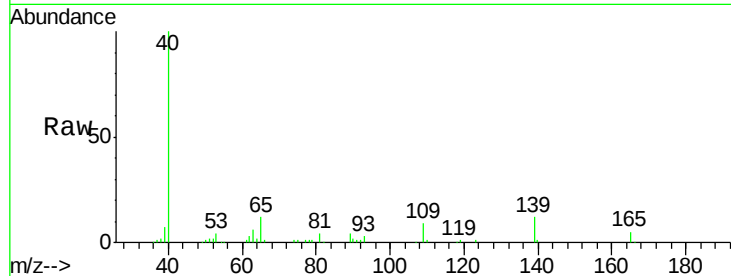




#55
4-Nitrophenol
Concen: 53.37 ng
RT: 15.38 min Scan# 1268
Delta R.T. 0.00 min
Lab File: BF077163.D
Acq: 3 Feb 2015 16:00

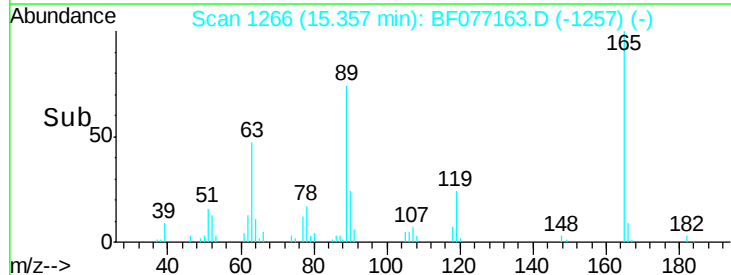
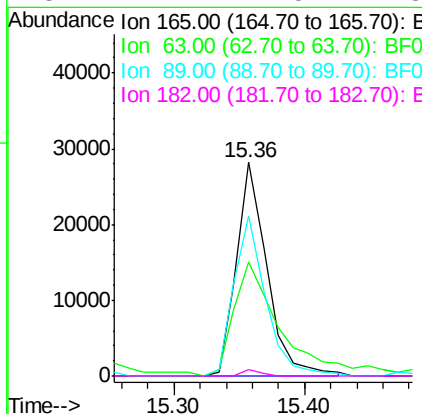
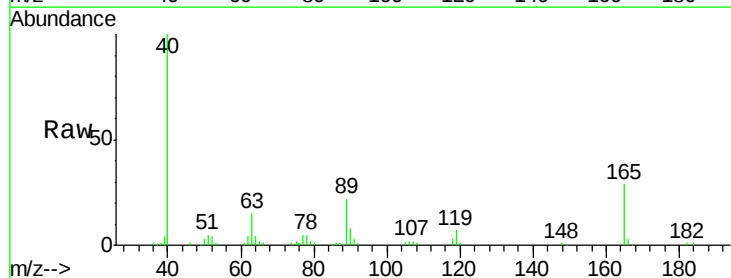
Instrument :
BNA_F
ClientSampleId :
PB81581BS

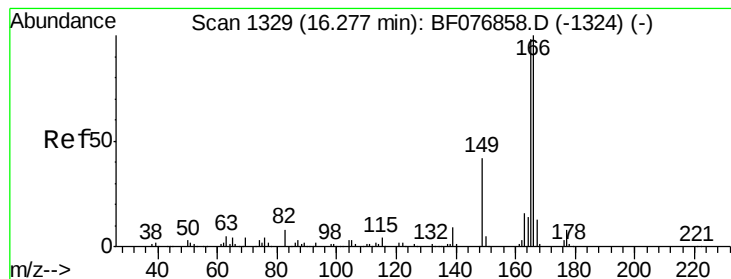
Tot Ion:139 Resp: 30972
Ion Ratio Lower Upper
139 100
109 73.8 61.0 101.0
65 102.0 96.6 136.6



#56
2,4-Dinitrotoluene
Concen: 41.63 ng
RT: 15.36 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BF077163.D
Acq: 3 Feb 2015 16:00

Tgt Ion:165 Resp: 45829
Ion Ratio Lower Upper
165 100
63 53.2 44.8 67.2
89 75.1 56.2 84.2
182 2.7 1.5 2.3#





#57

Fluorene

Concen: 39.74 ng

RT: 15.97 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF077163.D

Acq: 3 Feb 2015 16:00

Instrument :

BNA_F

ClientSampled :

PB81581BS

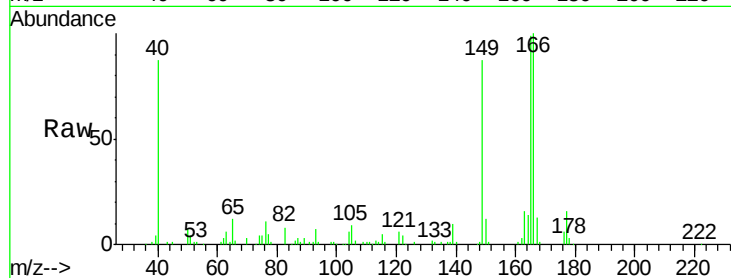
Tot Ion:166 Resp: 149476

Ion Ratio Lower Upper

166 100

165 98.5 78.5 117.7

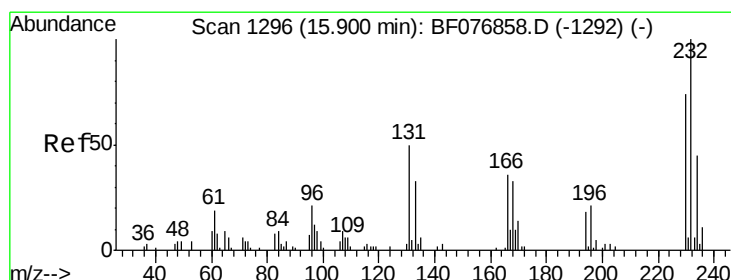
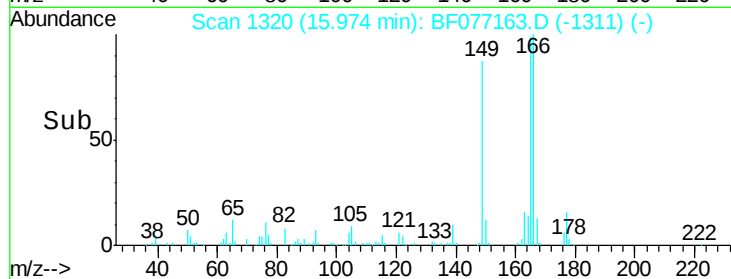
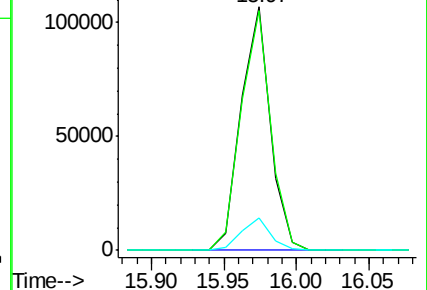
167 13.3 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 33.32 ng

RT: 15.57 min Scan# 1285

Delta R.T. 0.00 min

Lab File: BF077163.D

Acq: 3 Feb 2015 16:00

Tgt Ion:232 Resp: 23266

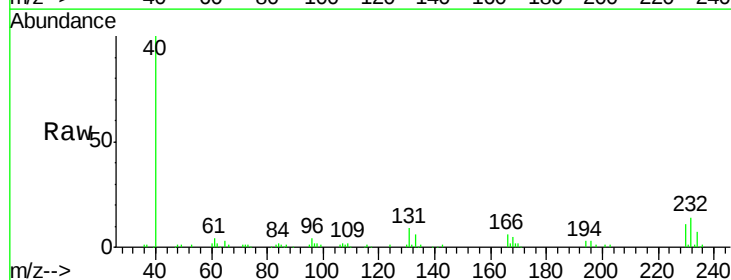
Ion Ratio Lower Upper

232 100

131 61.3 45.0 67.6

130 2.8 2.6 3.8

166 41.3 30.9 46.3

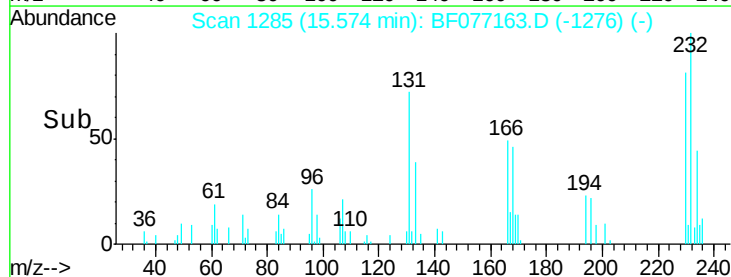
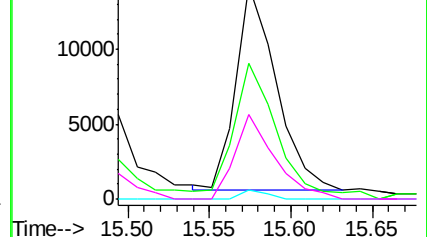


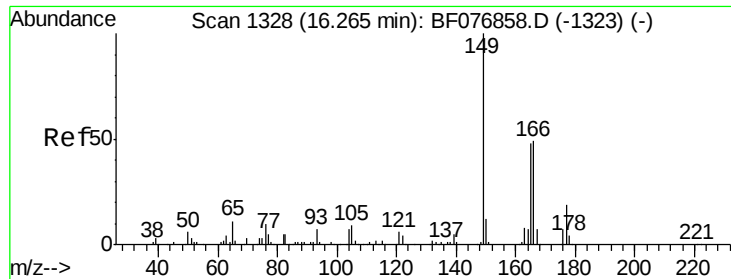
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

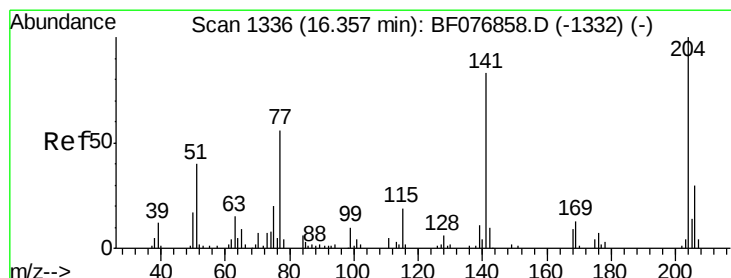
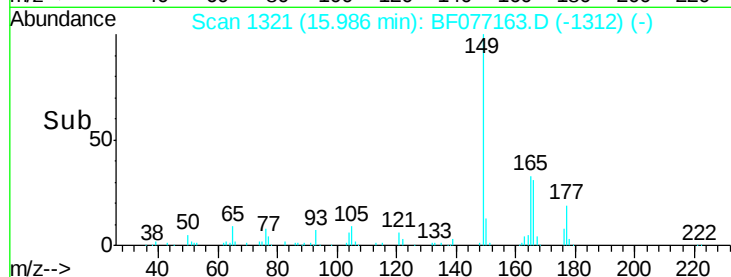
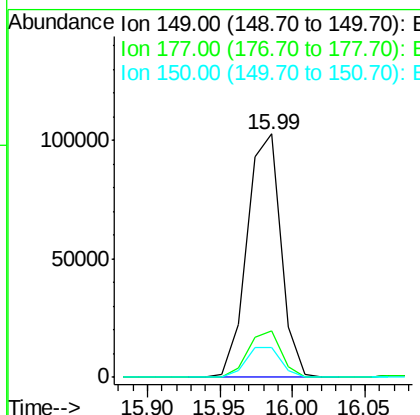
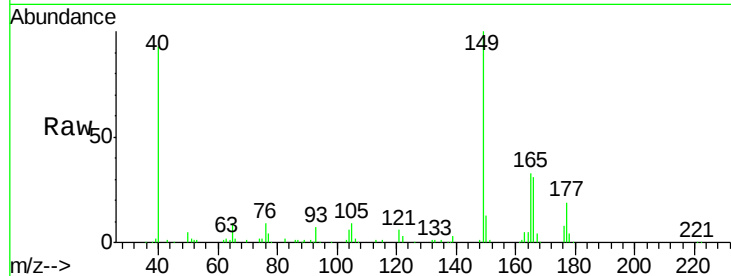




#59
Diethylphthalate
Concen: 44.43 ng
RT: 15.99 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BF077163.D
Acq: 3 Feb 2015 16:00

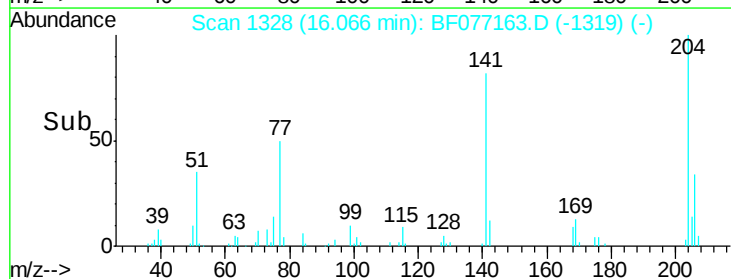
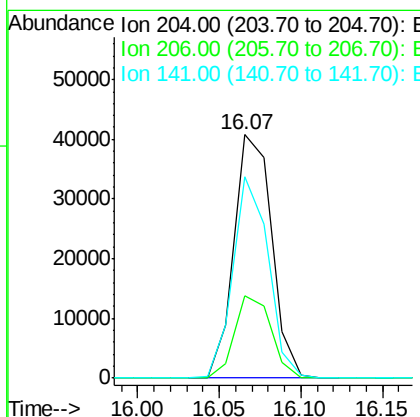
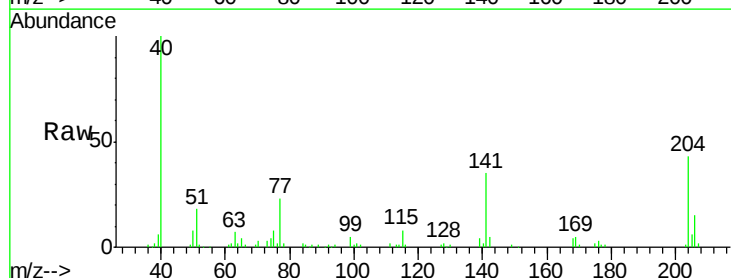
Instrument :
BNA_F
ClientSampled :
PB81581BS

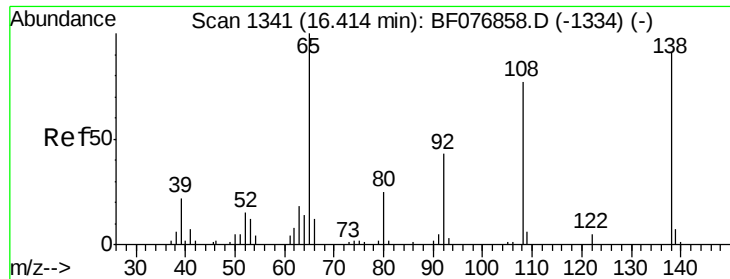
Tot Ion:149 Resp: 166215
Ion Ratio Lower Upper
149 100
177 18.9 15.0 22.6
150 12.5 9.4 14.0



#60
4-Chlorophenyl-phenylether
Concen: 42.22 ng
RT: 16.07 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF077163.D
Acq: 3 Feb 2015 16:00

Tgt Ion:204 Resp: 64969
Ion Ratio Lower Upper
204 100
206 33.8 24.2 36.2
141 82.5 66.7 100.1

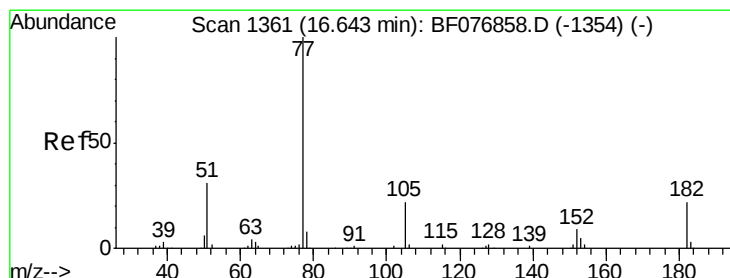
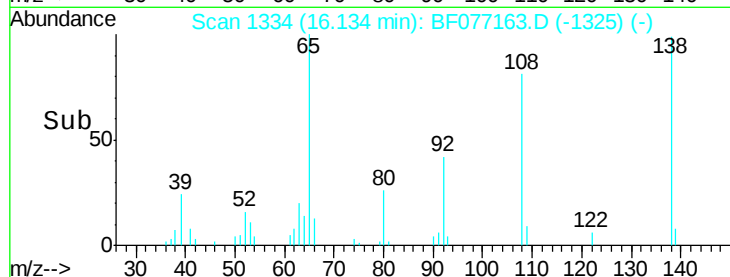
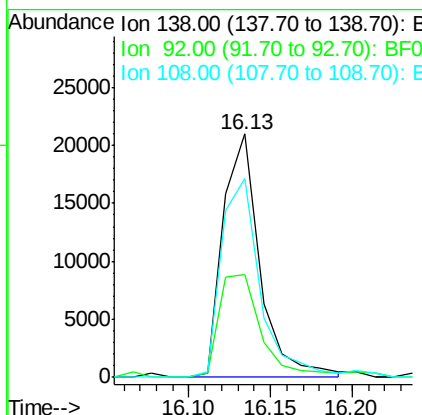
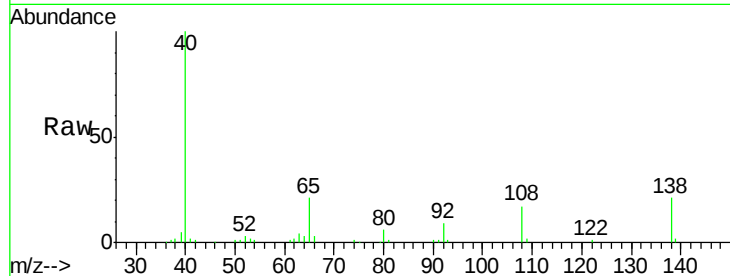




#61
 4-Nitroaniline
 Concen: 35.48 ng
 RT: 16.13 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: BF077163.D
 Acq: 3 Feb 2015 16:00

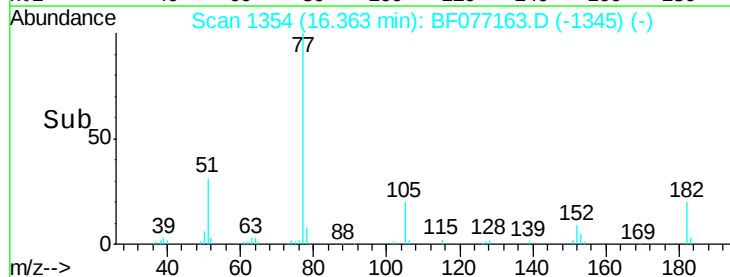
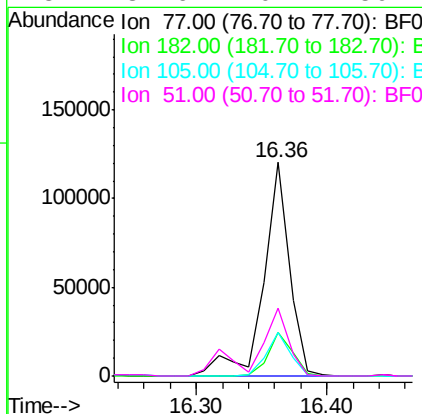
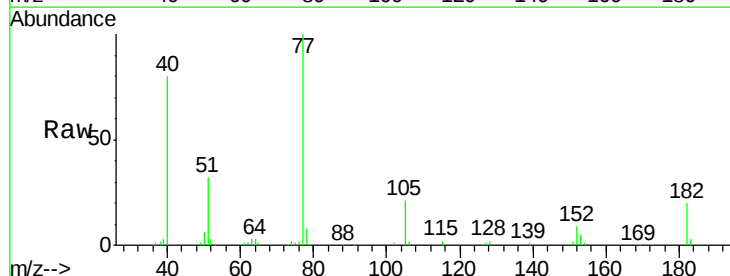
Instrument :
 BNA_F
 ClientSampled :
 PB81581BS

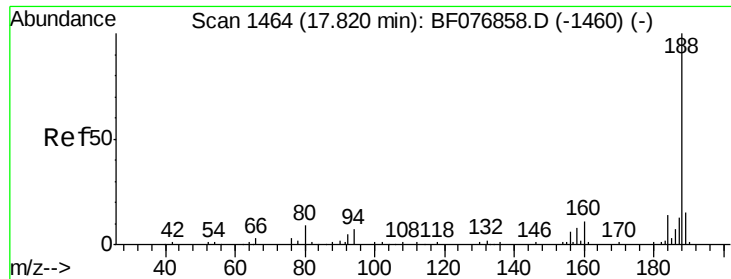
Tot Ion:138 Resp: 32718
 Ion Ratio Lower Upper
 138 100
 92 42.3 26.7 66.7
 108 81.7 64.5 104.5



#62
 Azobenzene
 Concen: 43.31 ng
 RT: 16.36 min Scan# 1354
 Delta R.T. 0.00 min
 Lab File: BF077163.D
 Acq: 3 Feb 2015 16:00

Tgt Ion: 77 Resp: 168838
 Ion Ratio Lower Upper
 77 100
 182 20.4 2.0 42.0
 105 20.6 2.3 42.3
 51 31.6 10.7 50.7

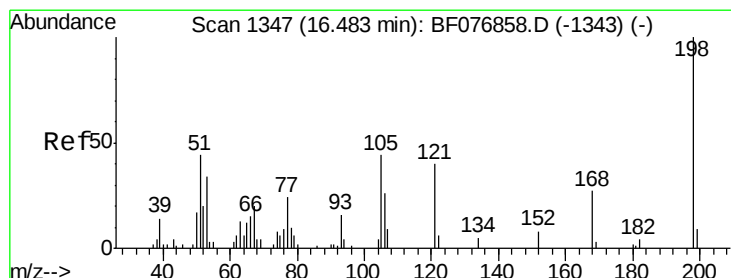
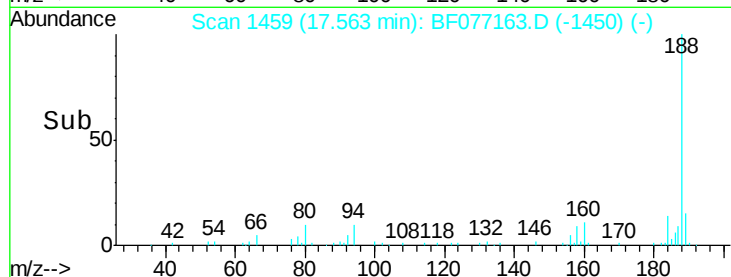
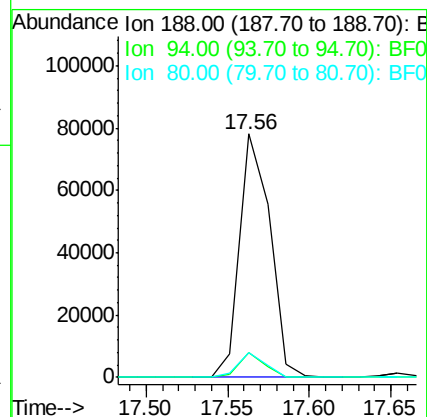
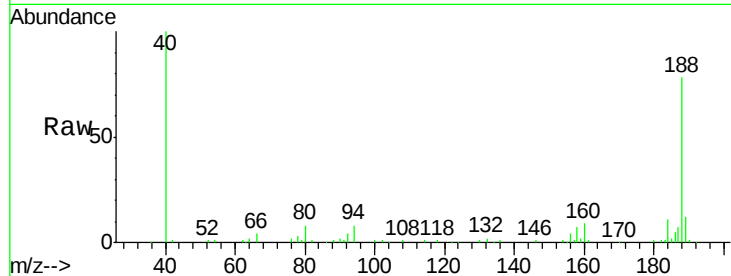




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.56 min Scan# 1459
 Delta R.T. 0.00 min
 Lab File: BF077163.D
 Acq: 3 Feb 2015 16:00

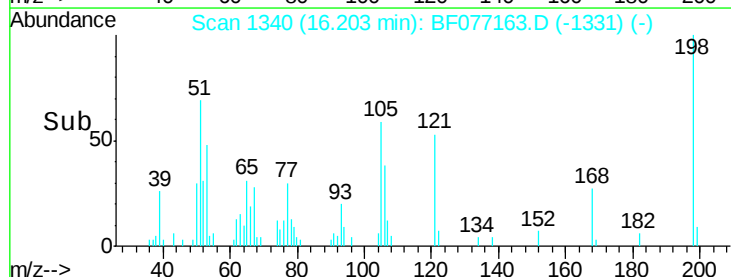
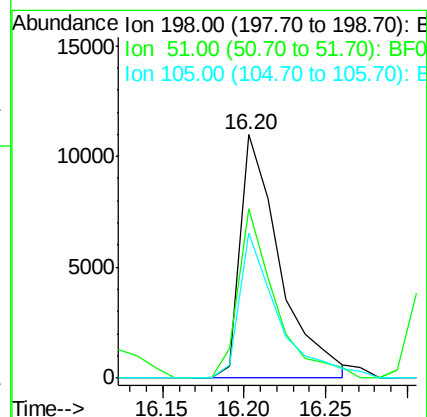
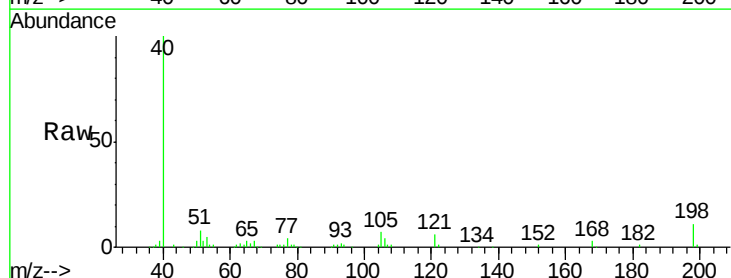
Instrument :
 BNA_F
 ClientSampleId :
 PB81581BS

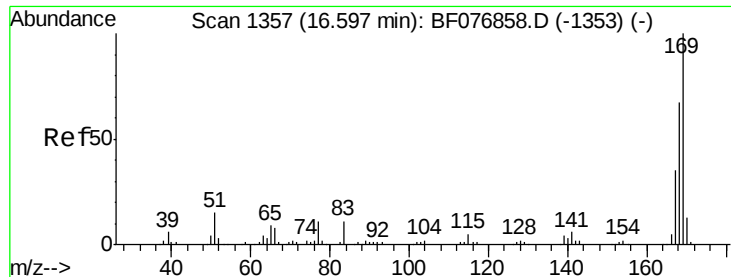
Tot Ion:188 Resp: 100096
 Ion Ratio Lower Upper
 188 100
 94 9.9 6.0 9.0#
 80 10.1 6.9 10.3



#64
 4,6-Dinitro-2-methylphenol
 Concen: 30.08 ng
 RT: 16.20 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: BF077163.D
 Acq: 3 Feb 2015 16:00

Tgt Ion:198 Resp: 18494
 Ion Ratio Lower Upper
 198 100
 51 69.5 24.2 64.2#
 105 59.4 24.0 64.0

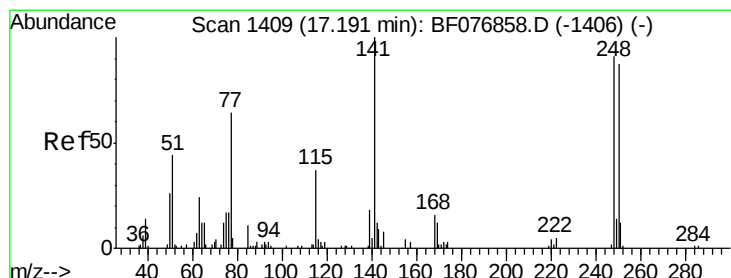
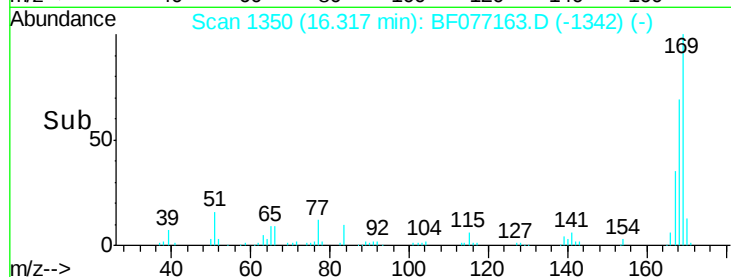
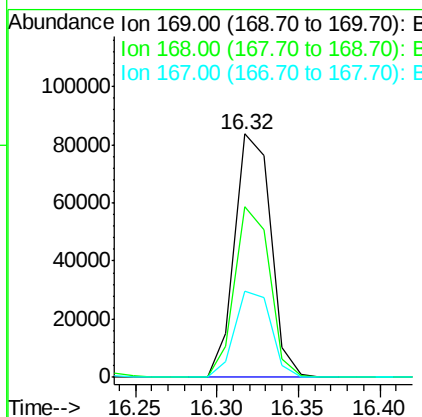
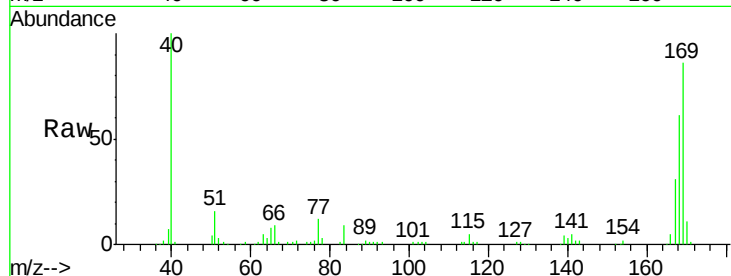




#65
n-Nitrosodiphenylamine
Concen: 35.87 ng
RT: 16.32 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BF077163.D
Acq: 3 Feb 2015 16:00

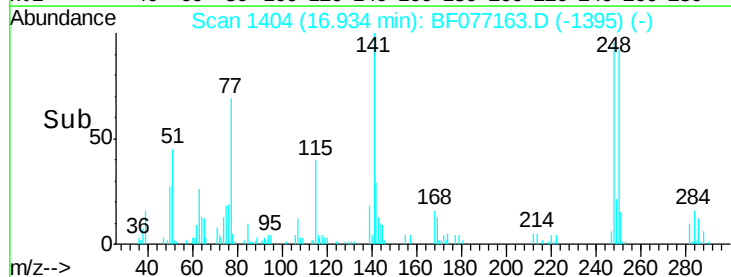
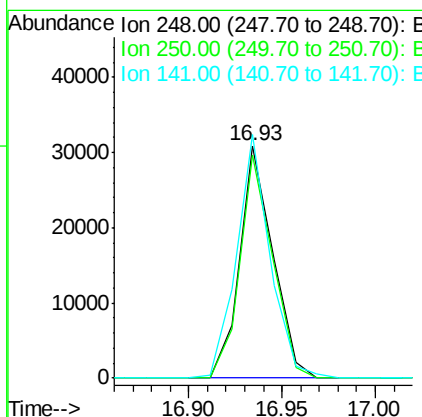
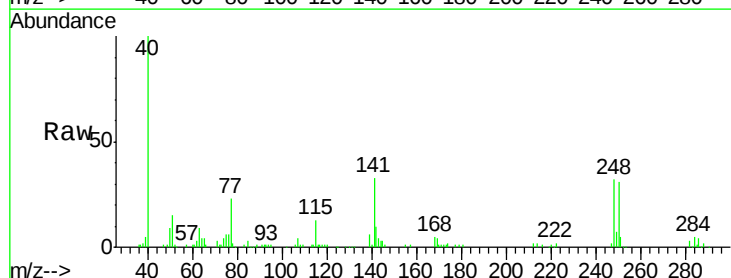
Instrument :
BNA_F
ClientSampled :
PB81581BS

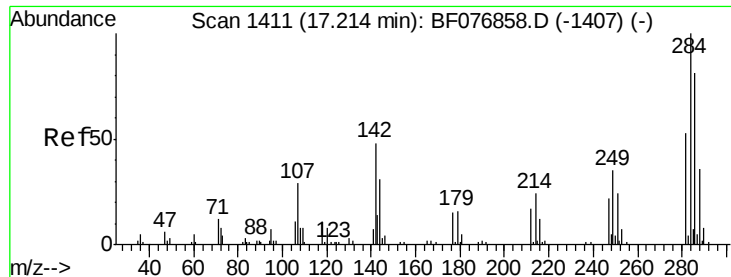
Tot Ion:169 Resp: 128025
Ion Ratio Lower Upper
169 100
168 70.3 53.8 80.6
167 35.4 27.8 41.6



#66
4-Bromophenyl-phenylether
Concen: 37.70 ng
RT: 16.93 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BF077163.D
Acq: 3 Feb 2015 16:00

Tgt Ion:248 Resp: 38228
Ion Ratio Lower Upper
248 100
250 96.0 77.1 115.7
141 104.8 88.2 132.4

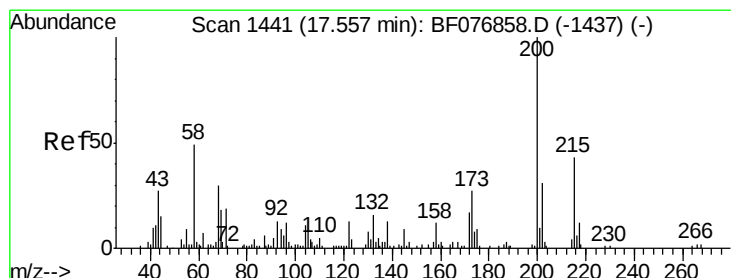
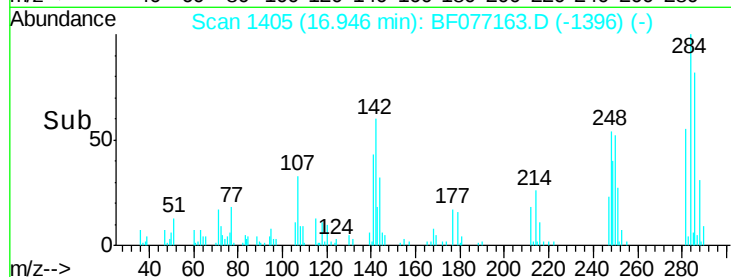
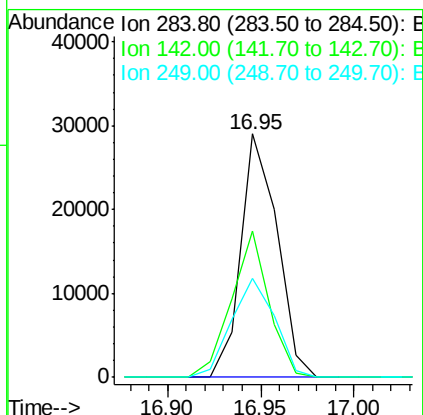
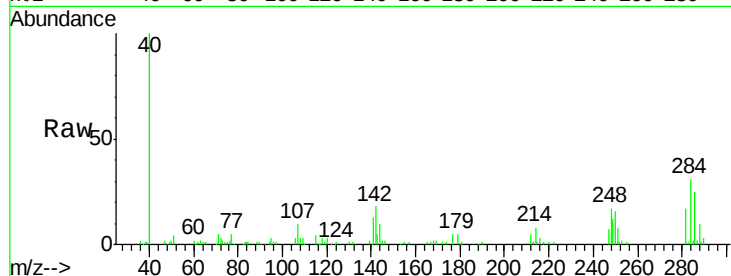




#67
Hexachlorobenzene
Concen: 36.55 ng
RT: 16.95 min Scan# 1405
Delta R.T. 0.00 min
Lab File: BF077163.D
Acq: 3 Feb 2015 16:00

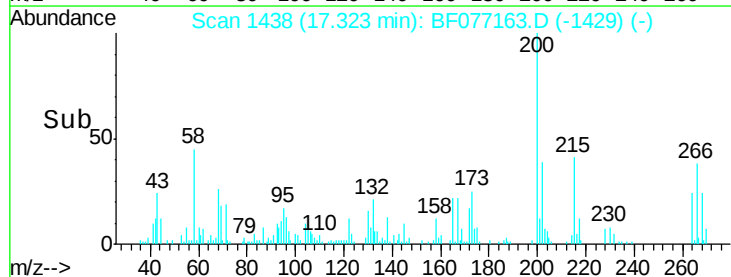
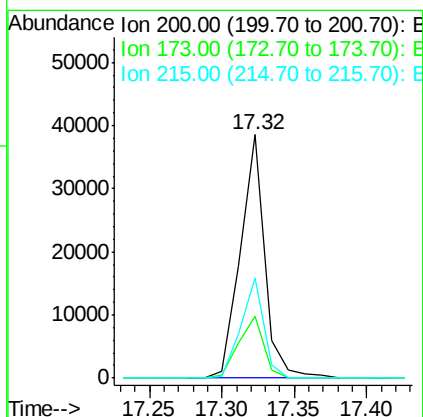
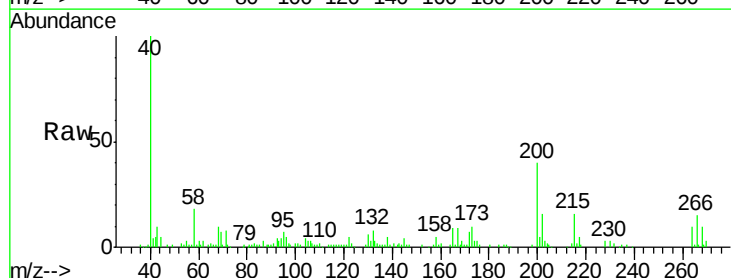
Instrument :
BNA_F
ClientSampleId :
PB81581BS

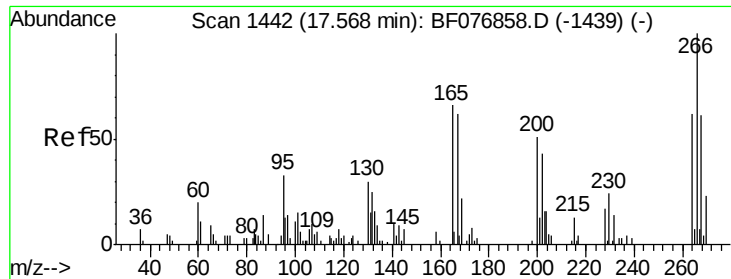
Tot Ion:284 Resp: 39057
Ion Ratio Lower Upper
284 100
142 60.1 38.2 57.4#
249 40.5 28.2 42.2



#68
Atrazine
Concen: 41.55 ng
RT: 17.32 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BF077163.D
Acq: 3 Feb 2015 16:00

Tgt Ion:200 Resp: 45001
Ion Ratio Lower Upper
200 100
173 25.2 6.6 46.6
215 41.2 22.9 62.9

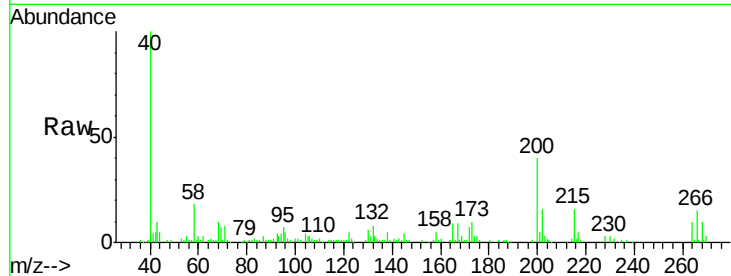




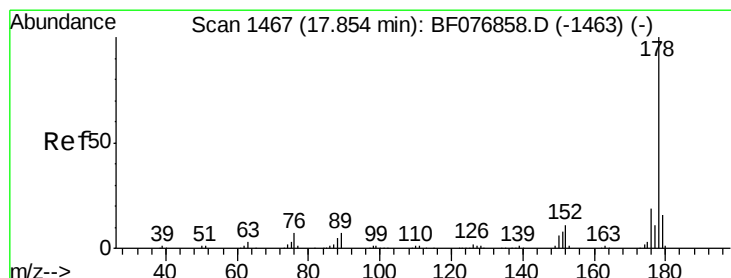
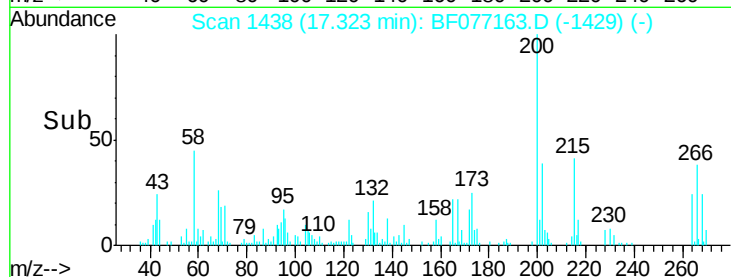
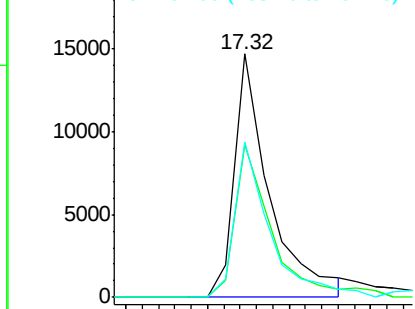
#69
 Pentachlorophenol
 Concen: 47.67 ng
 RT: 17.32 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: BF077163.D
 Acq: 3 Feb 2015 16:00

Instrument :
 BNA_F
 ClientSampleId :
 PB81581BS

Tot Ion:266 Resp: 21870
 Ion Ratio Lower Upper
 266 100
 268 62.8 48.6 72.8
 264 63.5 49.5 74.3

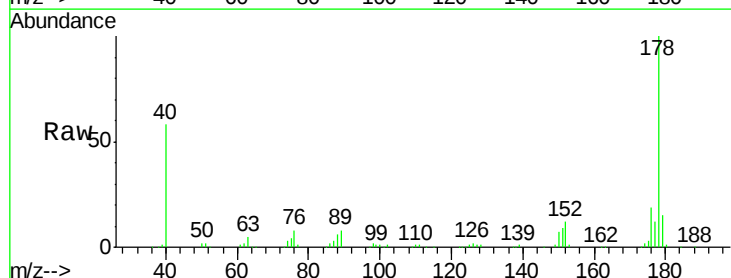


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

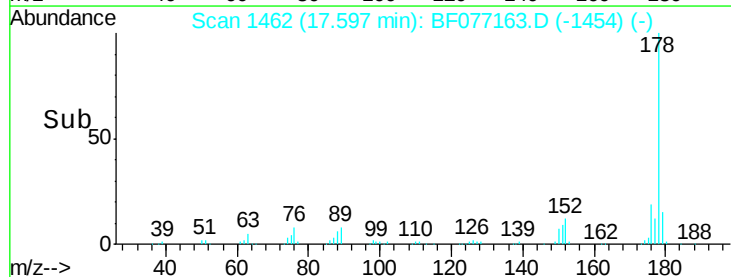
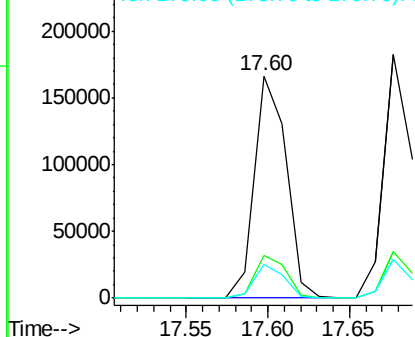


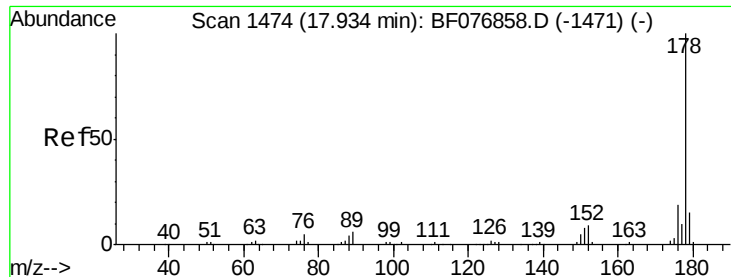
#70
 Phenanthrene
 Concen: 36.20 ng
 RT: 17.60 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: BF077163.D
 Acq: 3 Feb 2015 16:00

Tgt Ion:178 Resp: 225990
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.1 22.7
 179 15.0 12.7 19.1



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

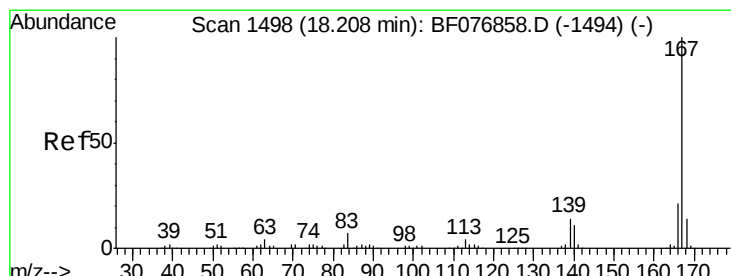
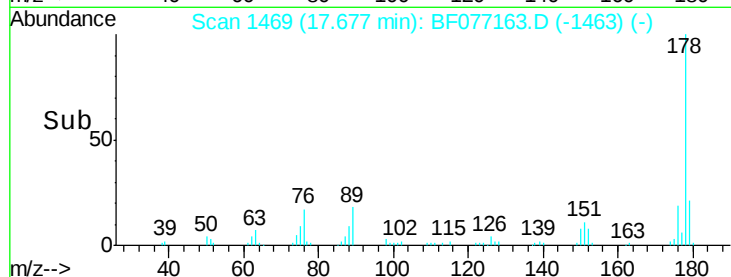
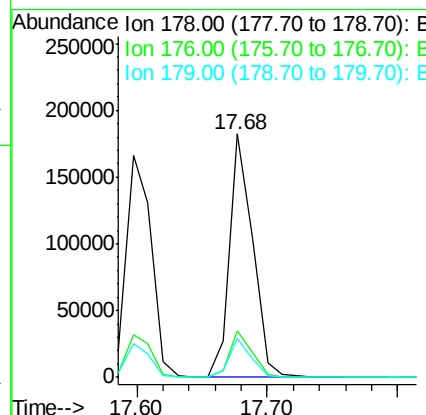
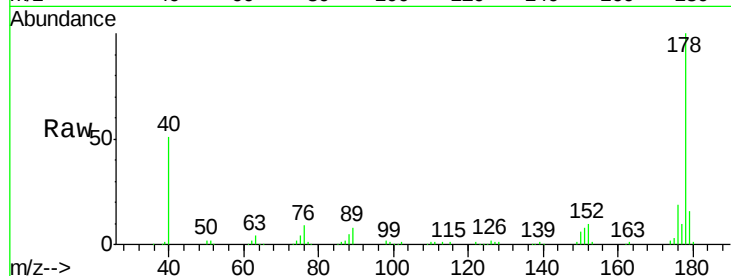




#71
 Anthracene
 Concen: 36.95 ng
 RT: 17.68 min Scan# 1469
 Delta R.T. -0.03 min
 Lab File: BF077163.D
 Acq: 3 Feb 2015 16:00

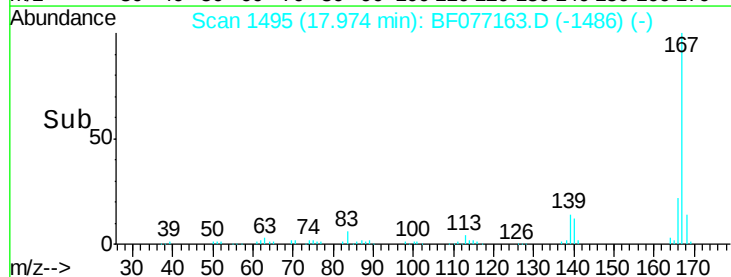
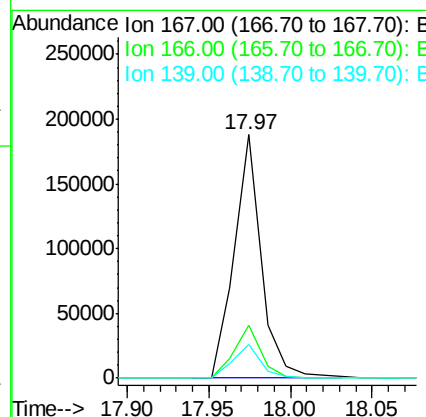
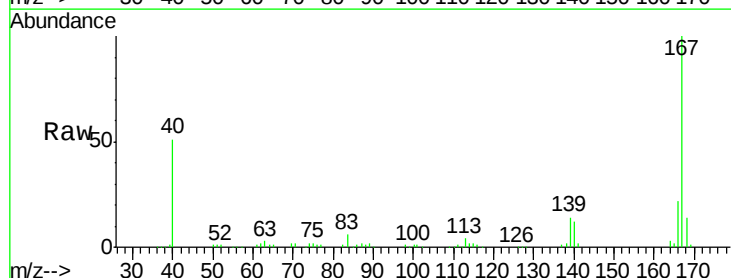
Instrument :
 BNA_F
 ClientSampleId :
 PB81581BS

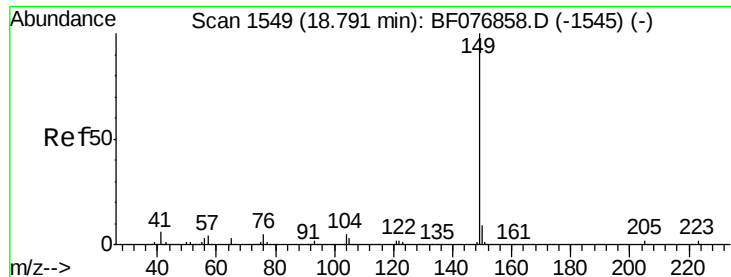
Tot Ion:178 Resp: 224932
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.4 23.0
 179 15.8 11.9 17.9



#72
 Carbazole
 Concen: 36.42 ng
 RT: 17.97 min Scan# 1495
 Delta R.T. 0.00 min
 Lab File: BF077163.D
 Acq: 3 Feb 2015 16:00

Tgt Ion:167 Resp: 215025
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.0 25.6
 139 14.0 11.3 16.9





#73

Di-n-butylphthalate

Concen: 40.19 ng

RT: 18.57 min Scan# 1547

Delta R.T. -0.01 min

Lab File: BF077163.D

Acq: 3 Feb 2015 16:00

Instrument :

BNA_F

ClientSampleId :

PB81581BS

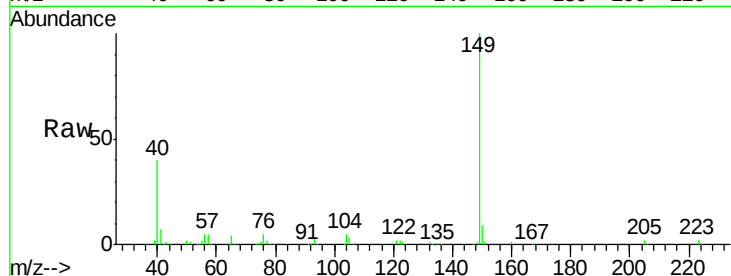
Tot Ion:149 Resp: 274642

Ion Ratio Lower Upper

149 100

150 9.1 6.9 10.3

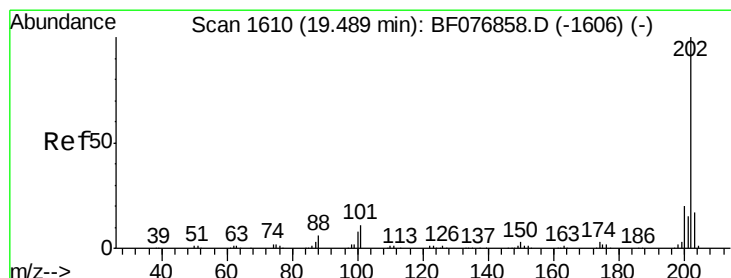
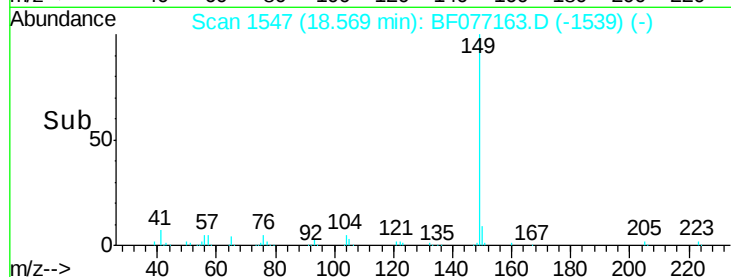
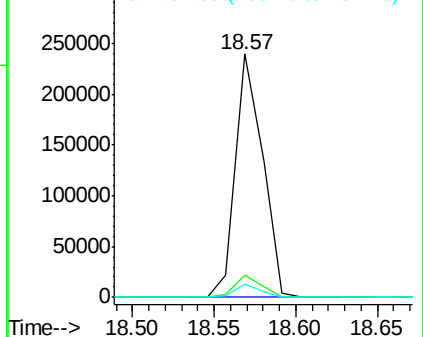
104 5.4 3.7 5.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.75 ng

RT: 19.25 min Scan# 1607

Delta R.T. 0.00 min

Lab File: BF077163.D

Acq: 3 Feb 2015 16:00

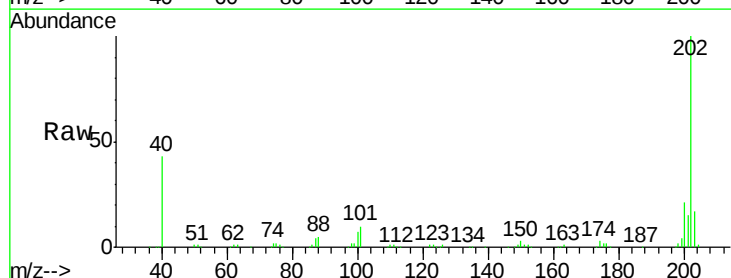
Tgt Ion:202 Resp: 241460

Ion Ratio Lower Upper

202 100

101 10.2 0.0 30.7

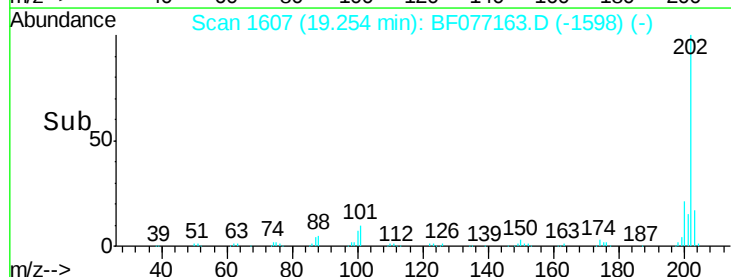
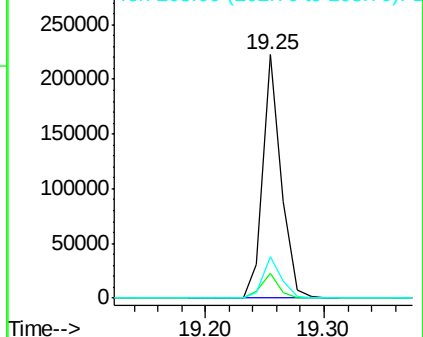
203 16.8 0.0 36.9

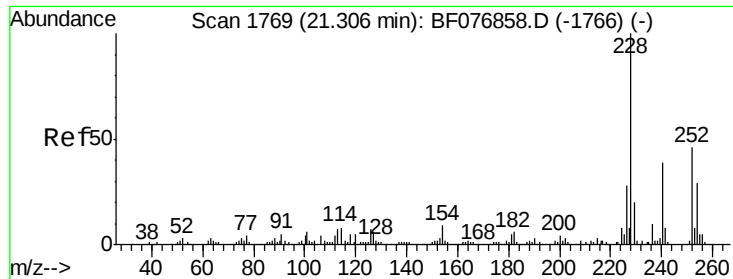


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.09 min Scan# 1768

Delta R.T. 0.01 min

Lab File: BF077163.D

Acq: 3 Feb 2015 16:00

Instrument :

BNA_F

ClientSampleId :

PB81581BS

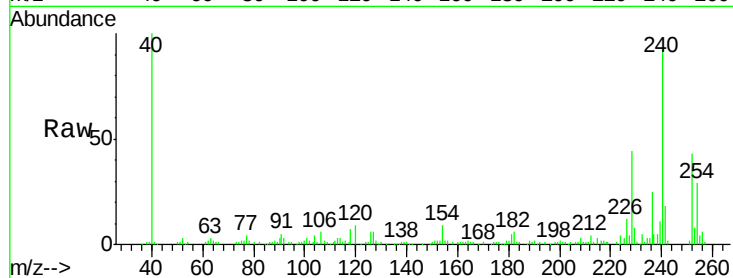
Tot Ion:240 Resp: 95726

Ion Ratio Lower Upper

240 100

120 9.3 10.4 15.6#

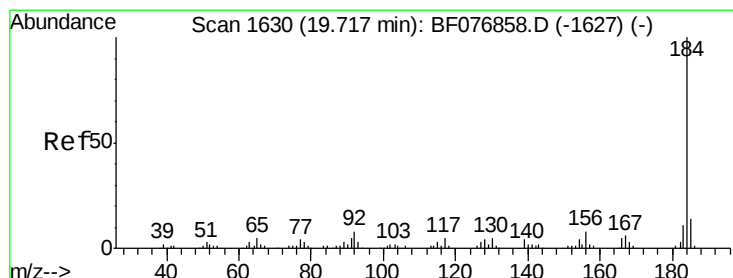
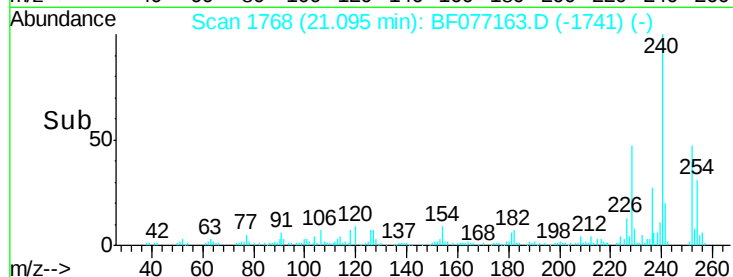
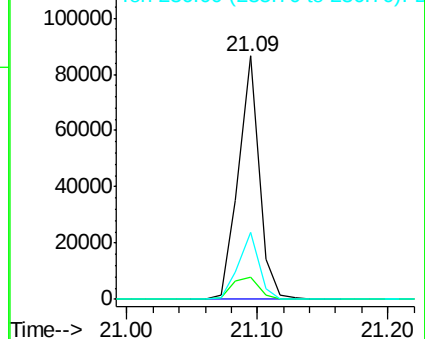
236 27.3 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 31.62 ng

RT: 19.51 min Scan# 1629

Delta R.T. -0.01 min

Lab File: BF077163.D

Acq: 3 Feb 2015 16:00

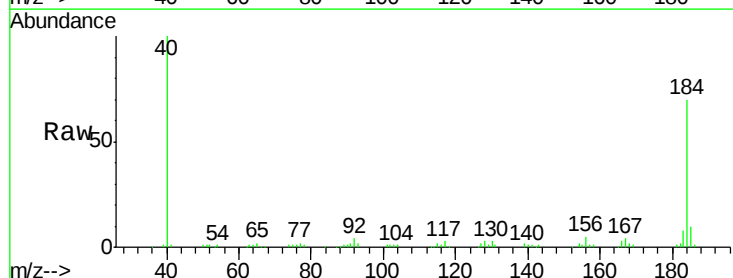
Tgt Ion:184 Resp: 96862

Ion Ratio Lower Upper

184 100

185 14.8 11.4 17.2

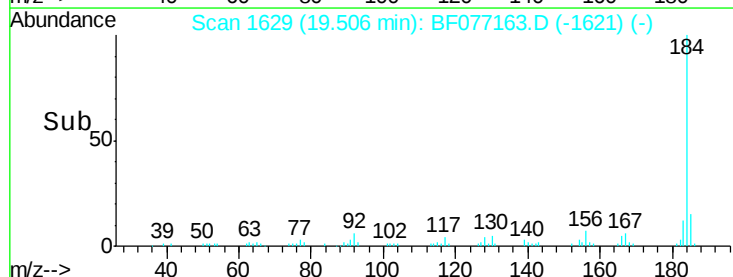
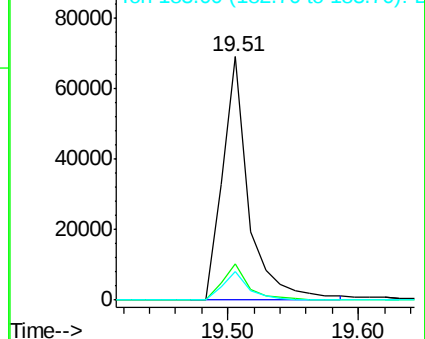
183 11.9 9.0 13.6

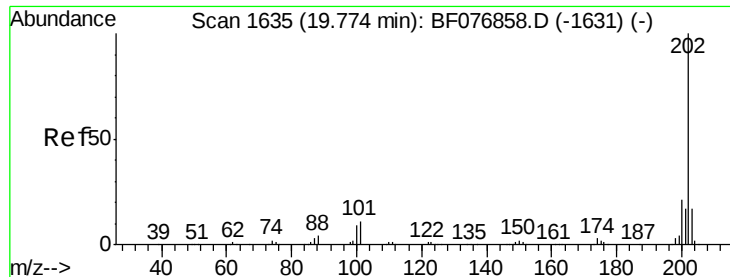


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

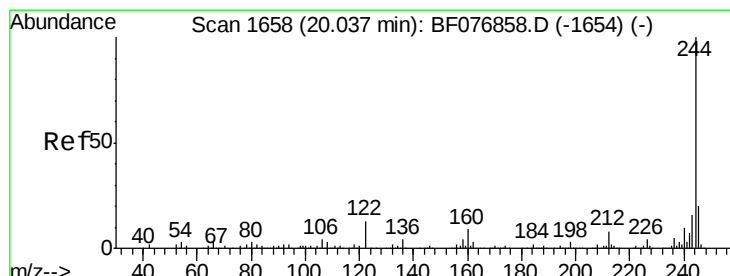
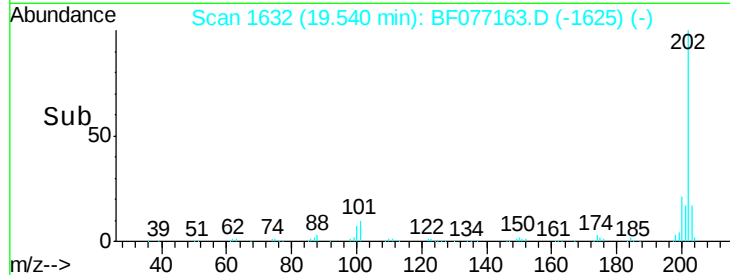
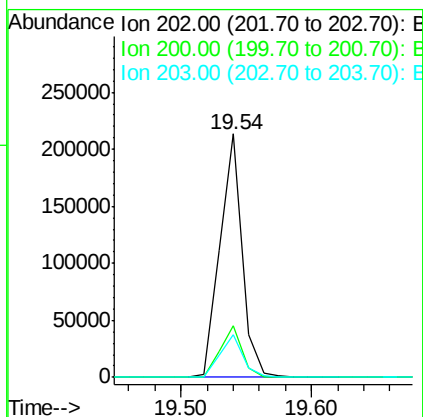
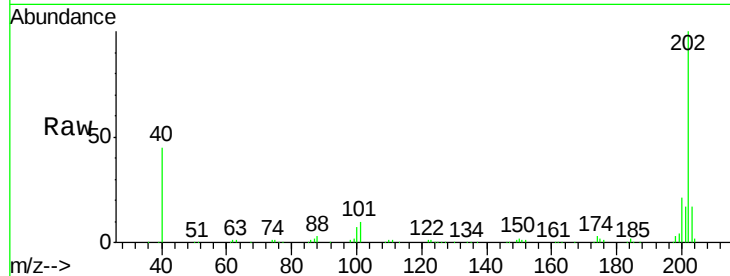




#77
 Pvrene
 Concen: 38.95 ng
 RT: 19.54 min Scan# 1632
 Delta R.T. -0.02 min
 Lab File: BF077163.D
 Acq: 3 Feb 2015 16:00

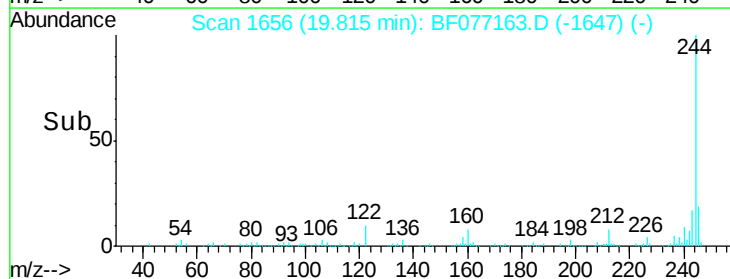
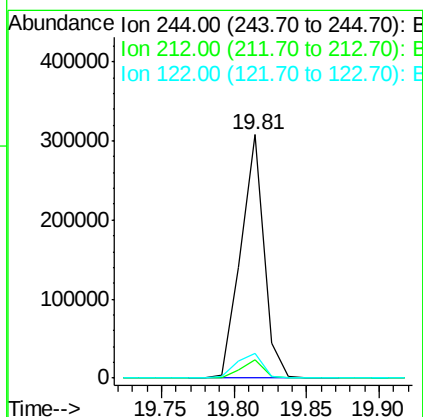
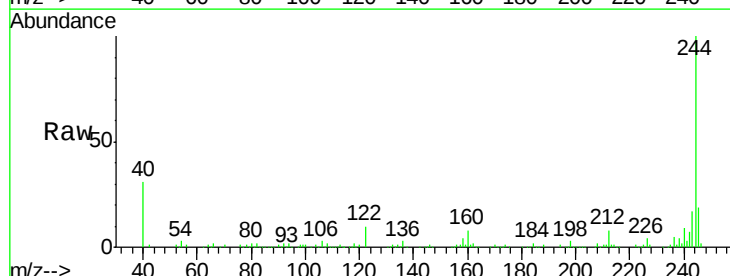
Instrument :
 BNA_F
 ClientSampled :
 PB81581BS

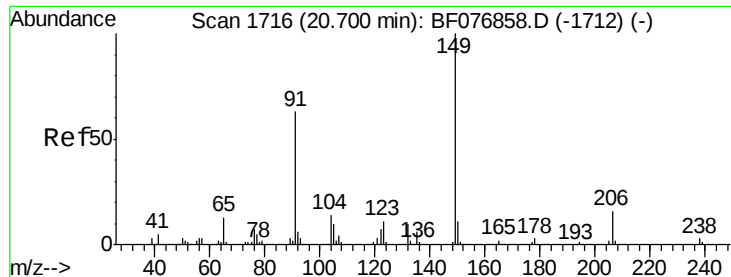
Tot Ion:202 Resp: 255516
 Ion Ratio Lower Upper
 202 100
 200 21.3 16.7 25.1
 203 17.4 14.0 21.0



#78
 Terphenyl-d14
 Concen: 82.34 ng
 RT: 19.81 min Scan# 1656
 Delta R.T. 0.00 min
 Lab File: BF077163.D
 Acq: 3 Feb 2015 16:00

Tgt Ion:244 Resp: 342373
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.3 9.5
 122 10.2 10.1 15.1

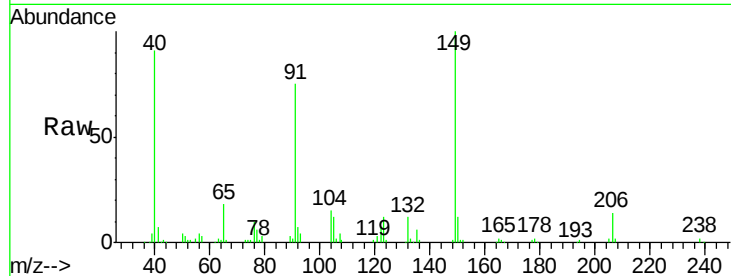




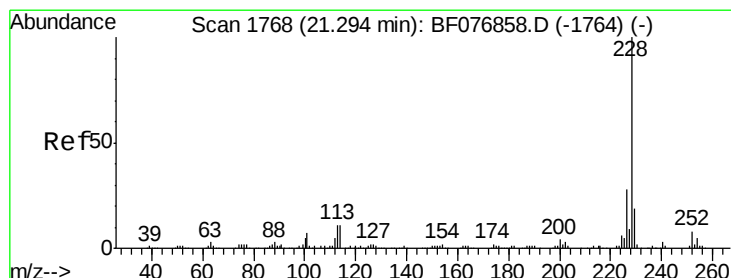
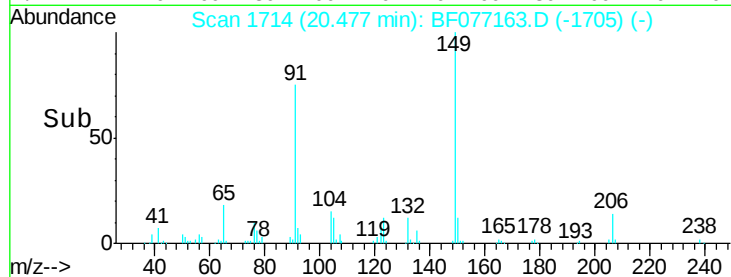
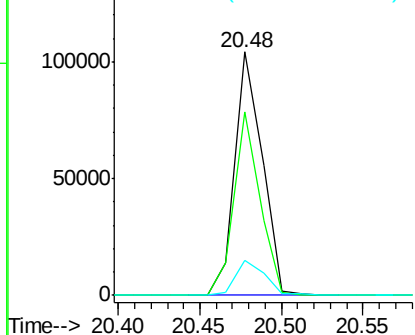
#79
Butylbenzylphthalate
Concen: 40.58 ng
RT: 20.48 min Scan# 1714
Delta R.T. 0.00 min
Lab File: BF077163.D
Acq: 3 Feb 2015 16:00

Instrument :
BNA_F
ClientSampleId :
PB81581BS

Tot Ion:149 Resp: 120558
Ion Ratio Lower Upper
149 100
91 75.3 50.6 76.0
206 14.3 12.8 19.2

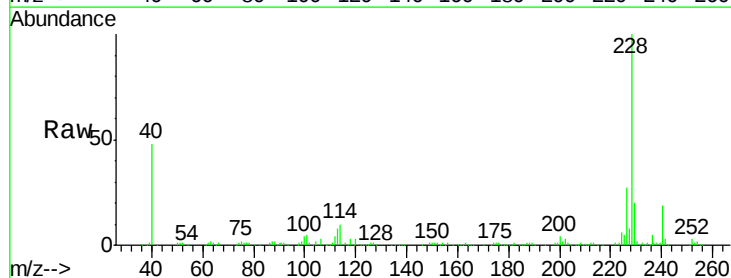


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

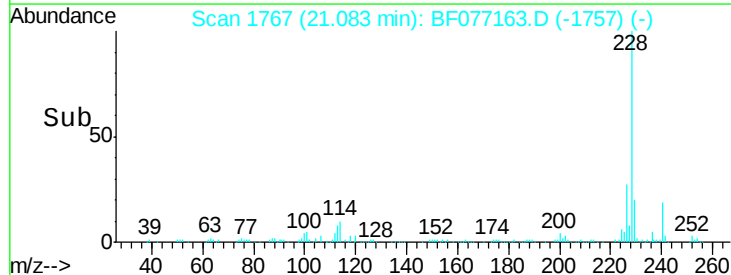
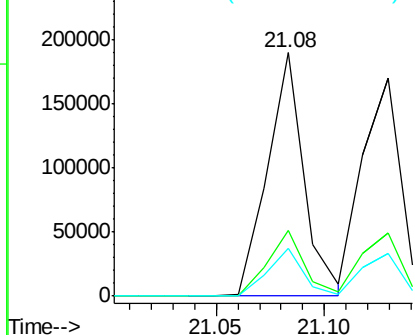


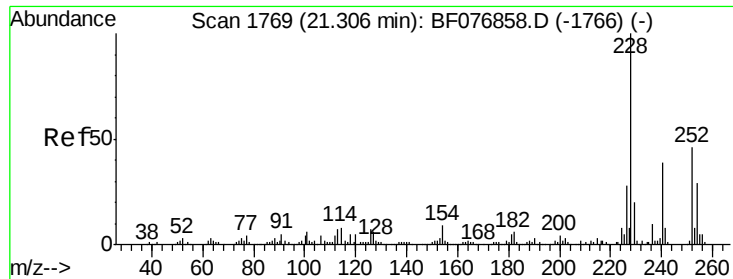
#80
Benzo(a)anthracene
Concen: 37.19 ng
RT: 21.08 min Scan# 1767
Delta R.T. 0.01 min
Lab File: BF077163.D
Acq: 3 Feb 2015 16:00

Tgt Ion:228 Resp: 223357
Ion Ratio Lower Upper
228 100
226 27.0 22.1 33.1
229 19.6 15.5 23.3



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

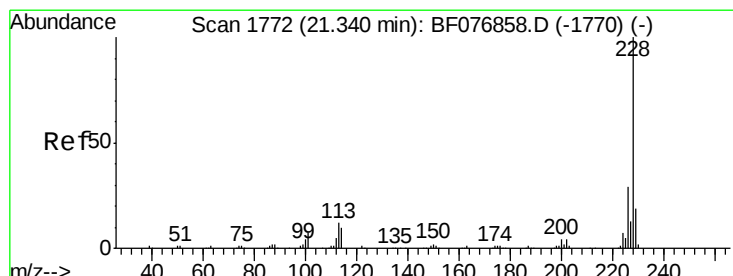
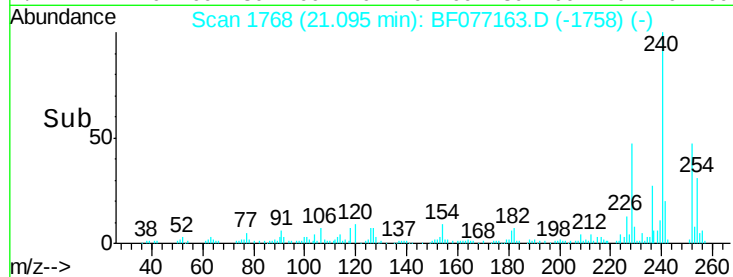
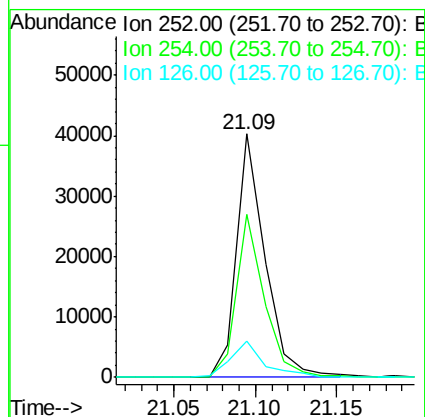
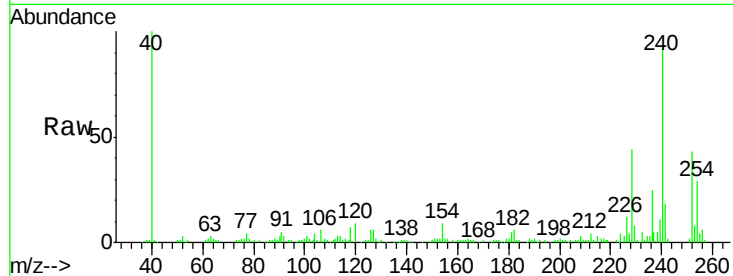




#81
 3,3'-Dichlorobenzidine
 Concen: 25.54 ng
 RT: 21.09 min Scan# 1768
 Delta R.T. 0.01 min
 Lab File: BF077163.D
 Acq: 3 Feb 2015 16:00

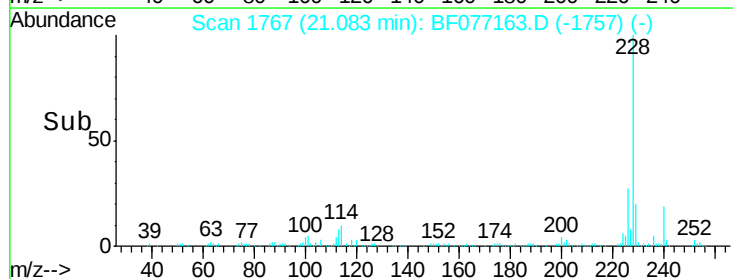
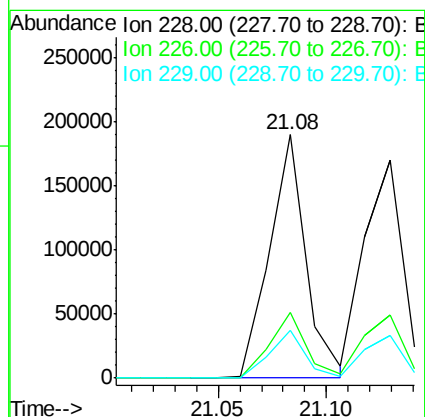
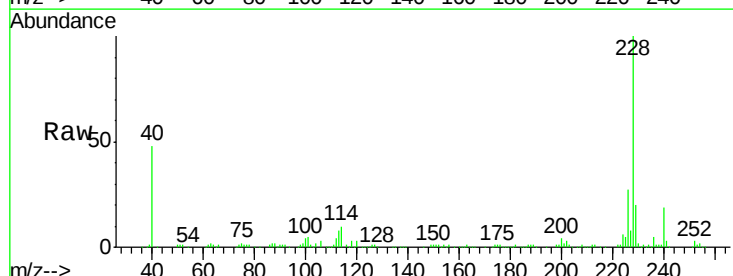
Instrument :
 BNA_F
 ClientSampleId :
 PB81581BS

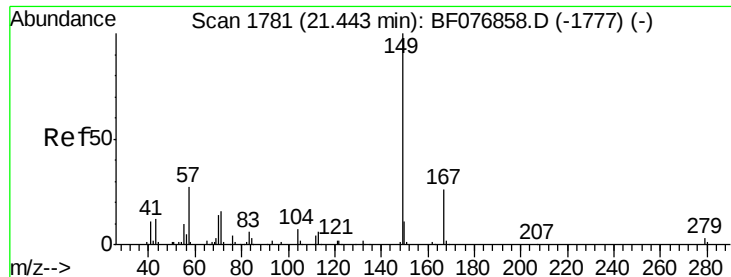
Tot Ion:252 Resp: 48737
 Ion Ratio Lower Upper
 252 100
 254 66.9 50.2 75.4
 126 14.8 11.5 17.3



#82
 Chrysene
 Concen: 40.78 ng
 RT: 21.08 min Scan# 1767
 Delta R.T. 0.01 min
 Lab File: BF077163.D
 Acq: 3 Feb 2015 16:00

Tgt Ion:228 Resp: 223357
 Ion Ratio Lower Upper
 228 100
 226 27.0 23.4 35.0
 229 19.6 15.4 23.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.83 ng

RT: 21.24 min Scan# 1781

Delta R.T. 0.02 min

Lab File: BF077163.D

Acq: 3 Feb 2015 16:00

Instrument :

BNA_F

ClientSampleId :

PB81581BS

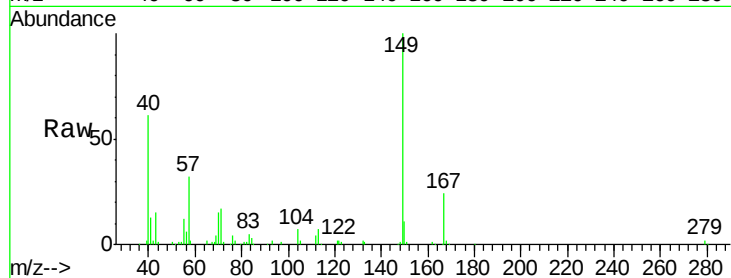
Tot Ion:149 Resp: 176072

Ion Ratio Lower Upper

149 100

167 24.2 20.6 30.8

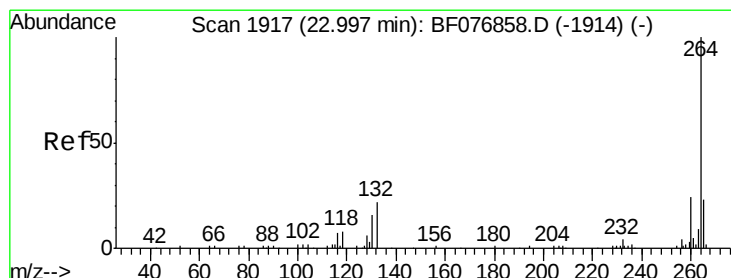
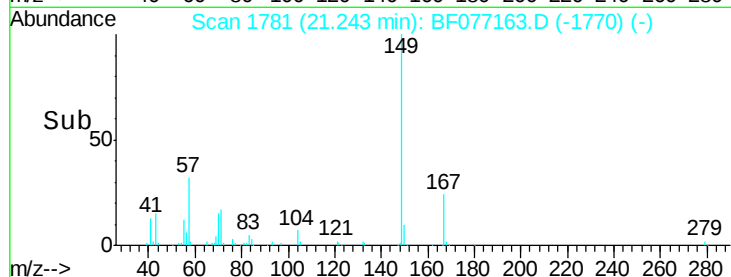
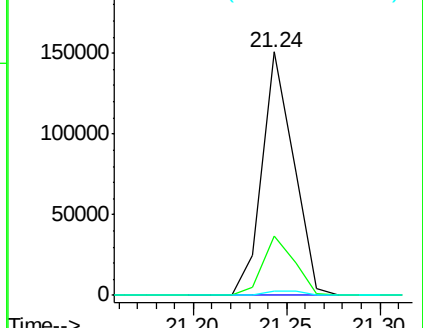
279 2.0 2.2 3.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 22.88 min Scan# 1924

Delta R.T. 0.03 min

Lab File: BF077163.D

Acq: 3 Feb 2015 16:00

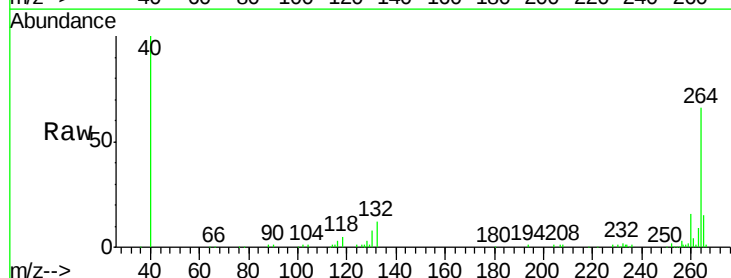
Tgt Ion:264 Resp: 86602

Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.4

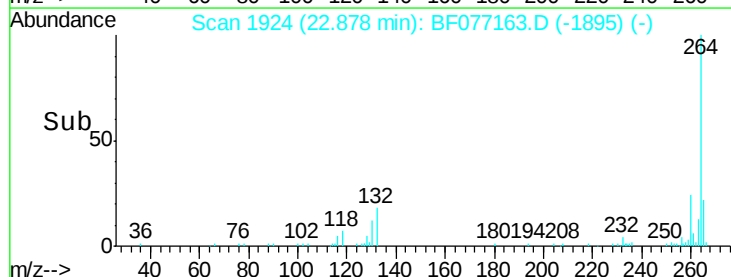
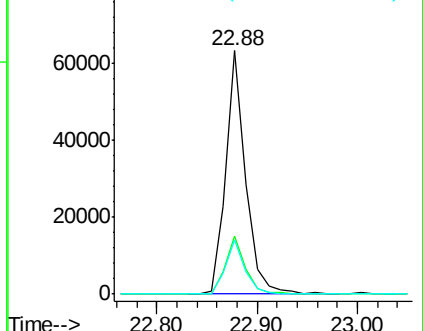
265 22.2 18.1 27.1

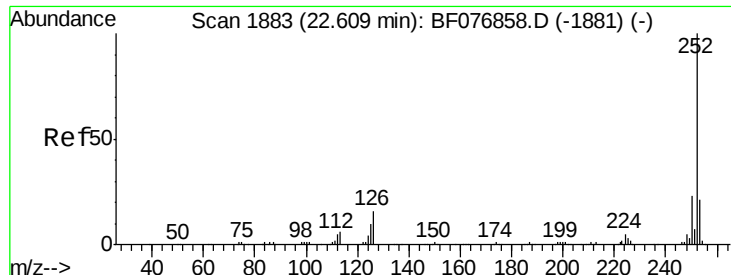


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

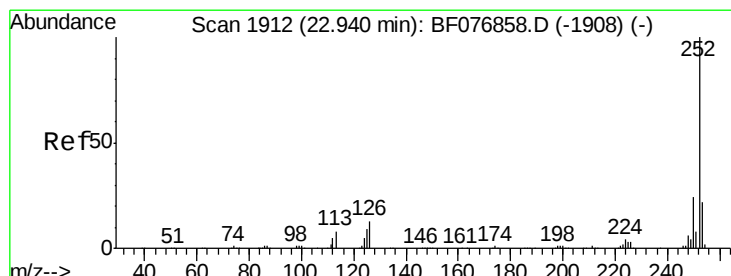
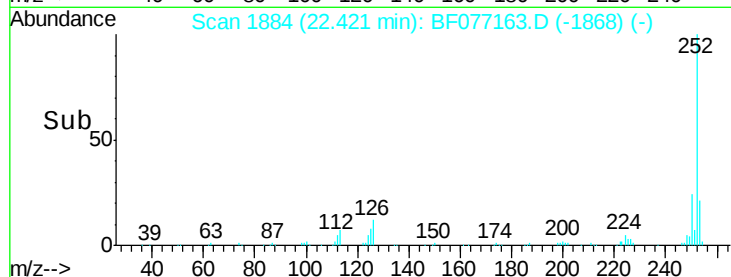
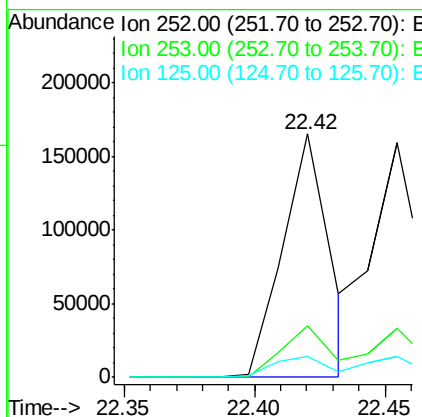
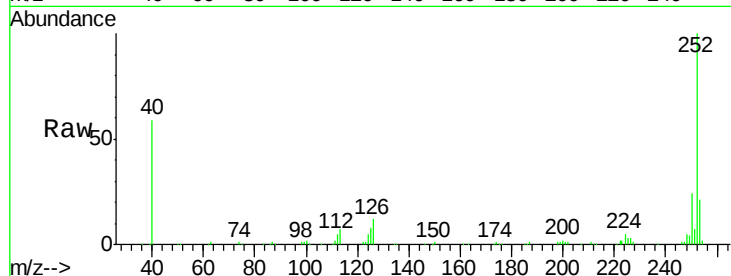




#88
Benzo(k)fluoranthene
Concen: 40.23 ng
RT: 22.42 min Scan# 1884
Delta R.T. 0.08 min
Lab File: BF077163.D
Acq: 3 Feb 2015 16:00

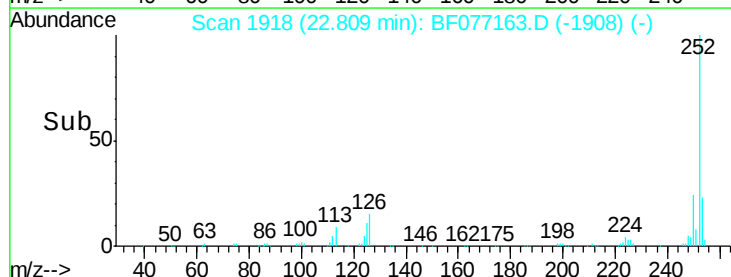
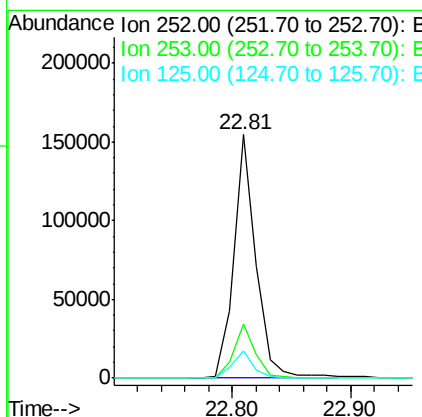
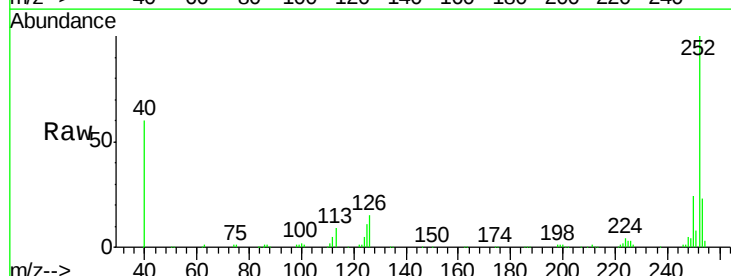
Instrument :
BNA_F
ClientSampleId :
PB81581BS

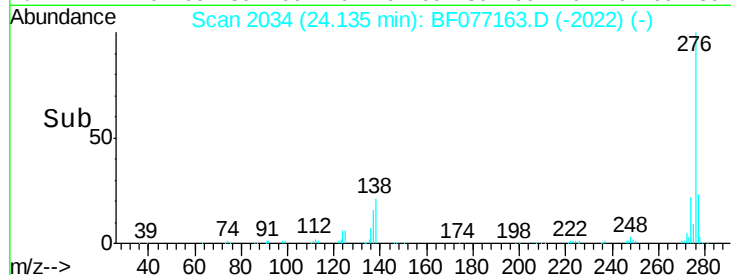
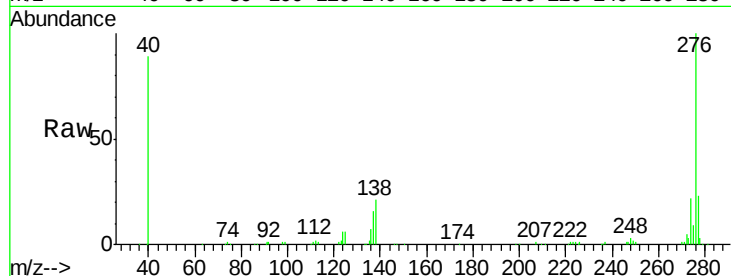
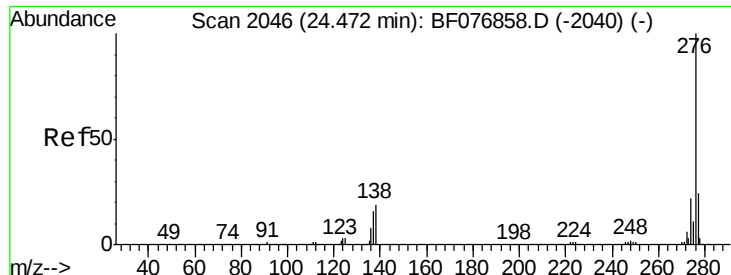
Tot Ion:252 Resp: 204997
Ion Ratio Lower Upper
252 100
253 21.1 17.2 25.8
125 8.4 7.1 10.7



#89
Benzo(a)pyrene
Concen: 38.81 ng
RT: 22.81 min Scan# 1918
Delta R.T. 0.01 min
Lab File: BF077163.D
Acq: 3 Feb 2015 16:00

Tgt Ion:252 Resp: 199697
Ion Ratio Lower Upper
252 100
253 22.5 17.9 26.9
125 11.2 7.2 10.8#





#91

Benzo(a,h,i)perylene

Concen: 44.75 ng

RT: 24.13 min Scan# 2034

Delta R.T. 0.03 min

Lab File: BF077163.D

Acq: 3 Feb 2015 16:00

Instrument :

BNA_F

ClientSampleId :

PB81581BS

Tot Ion: 276 Resp: 210031

Ion Ratio Lower Upper

276 100

277 23.1 19.5 29.3

138 21.3 15.0 22.6

