

Data Path : Z:\HPCHEM1\BNA F\Data\BF020315\
 Data File : BF077169.D
 Acq On : 3 Feb 2015 19:27
 Operator : TP/IZ
 Sample : PB81584BSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81584BSD

Quant Time: Feb 04 01:33:24 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 01:16:25 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	23299	20.00	ng	0.00
21) Naphthalene-d8	10.59	136	94880	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	45611	20.00	ng	0.01
63) Phenanthrene-d10	17.56	188	88000	20.00	ng	0.00
75) Chrysene-d12	21.07	240	89712	20.00	ng	0.00
86) Perylene-d12	22.75	264	85078	20.00	ng	0.03

System Monitoring Compounds

5) 2-Fluorophenol	4.69	112	163011	115.03	ng	0.00
7) Phenol-d6	7.09	99	203541	113.86	ng	0.01
23) Nitrobenzene-d5	8.99	82	129319	75.51	ng	0.00
41) 2,4,6-Tribromophenol	16.44	330	48183	130.14	ng	0.00
44) 2-Fluorobiphenyl	13.24	172	265750	88.67	ng	0.00
78) Terphenyl-d14	19.81	244	304721	78.20	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.12	88	16770	27.64	ng	90
3) Pyridine	1.56	79	44942	28.62	ng	97
4) n-Nitrosodimethylamine	1.52	42	29061	37.36	ng	# 97
6) Aniline	6.98	93	43848	17.72	ng	98
8) 2-Chlorophenol	7.21	128	57320	35.09	ng	96
9) Benzaldehyde	6.73	77	4327	3.14	ng	93
10) Phenol	7.12	94	64502	33.98	ng	91
11) bis(2-Chloroethyl)ether	7.23	93	54634	36.78	ng	# 76
12) 1,3-Dichlorobenzene	7.53	146	64228	34.56	ng	95
13) 1,4-Dichlorobenzene	7.72	146	63853	32.40	ng	98
14) 1,2-Dichlorobenzene	8.03	146	62950	34.66	ng	98
15) Benzyl Alcohol	8.13	79	50231	34.72	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.48	45	69376	34.75	ng	100
17) 2-Methylphenol	8.48	107	43635	32.68	ng	92
18) Hexachloroethane	8.77	117	25085	36.59	ng	96
19) n-Nitroso-di-n-propylamine	8.76	70	42458	33.93	ng	97
20) 3+4-Methylphenols	8.88	107	50171	28.38	ng	93
22) Acetophenone	8.68	105	87314	37.57	ng	98
24) Nitrobenzene	9.04	77	58479	33.52	ng	94
25) Isophorone	9.63	82	111523	35.76	ng	98
26) 2-Nitrophenol	9.78	139	27980	31.93	ng	# 94
27) 2,4-Dimethylphenol	10.05	122	50946	37.76	ng	97
28) bis(2-Chloroethoxy)methane	10.26	93	66449	37.48	ng	99
29) 2,4-Dichlorophenol	10.38	162	40806	32.45	ng	94
30) 1,2,4-Trichlorobenzene	10.50	180	50471	36.14	ng	95
31) Naphthalene	10.64	128	172686	35.35	ng	98
32) Benzoic acid	10.44	122	8344	11.16	ng	96
33) 4-Chloroaniline	10.90	127	36339	18.41	ng	96
34) Hexachlorobutadiene	11.00	225	29570	35.68	ng	93
35) Caprolactam	11.72	113	11342	30.64	ng	# 92
36) 4-Chloro-3-methylphenol	12.20	107	49999	34.73	ng	94
37) 2-Methylnaphthalene	12.29	142	120916	36.25	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.69	216	47452	42.08	ng	97
40) Hexachlorocyclopentadiene	12.68	237	47733	78.71	ng	93

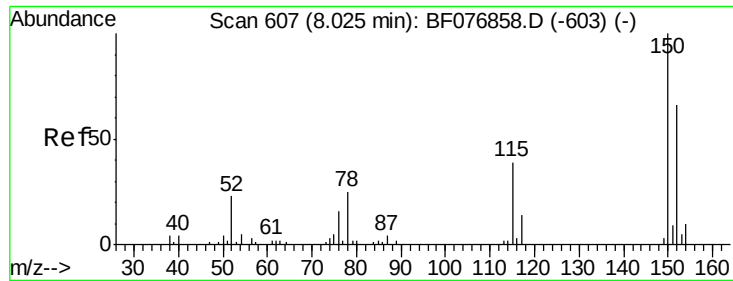
Data Path : Z:\HPCHEM1\BNA F\Data\BF020315\
 Data File : BF077169.D
 Acq On : 3 Feb 2015 19:27
 Operator : TP/IZ
 Sample : PB81584BSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
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Quant Time: Feb 04 01:33:24 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 01:16:25 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.05	196	31230	38.01	nq	92
43) 2,4,5-Trichlorophenol	13.15	196	27155	32.40	nq	# 89
45) 1,1'-Biphenyl	13.45	154	142877	42.26	nq	97
46) 2-Chloronaphthalene	13.41	162	117063	42.07	nq	99
47) 2-Nitroaniline	13.77	65	36186	42.87	nq	99
48) Acenaphthylene	14.36	152	186309	39.70	nq	99
49) Dimethylphthalate	14.33	163	138449	42.80	nq	99
50) 2,6-Dinitrotoluene	14.42	165	27372	42.35	nq	# 84
51) Acenaphthene	14.79	154	105211	39.51	nq	96
52) 3-Nitroaniline	14.77	138	21399	26.21	nq	93
53) 2,4-Dinitrophenol	15.06	184	16701	58.73	nq	94
54) Dibenzofuran	15.21	168	160808	41.46	nq	98
55) 4-Nitrophenol	15.38	139	27247	53.74	nq	97
56) 2,4-Dinitrotoluene	15.36	165	40267	41.85	nq	# 92
57) Fluorene	15.97	166	136665	41.58	nq	100
58) 2,3,4,6-Tetrachlorophenol	15.57	232	22124	36.26	nq	# 90
59) Diethylphthalate	15.97	149	145431	44.49	nq	99
60) 4-Chlorophenyl-phenylether	16.07	204	58321	43.37	nq	96
61) 4-Nitroaniline	16.13	138	29320	36.35	nq	95
62) Azobenzene	16.36	77	150473	44.18	nq	99
64) 4,6-Dinitro-2-methylphenol	16.20	198	16340	30.21	nq	# 69
65) n-Nitrosodiphenylamine	16.32	169	115186	36.71	nq	97
66) 4-Bromophenyl-phenylether	16.93	248	33466	37.54	nq	94
67) Hexachlorobenzene	16.95	284	35599	37.89	nq	95
68) Atrazine	17.32	200	39521	41.51	nq	95
69) Pentachlorophenol	17.32	266	21246	51.95	nq	99
70) Phenanthrene	17.60	178	198412	36.15	nq	99
71) Anthracene	17.68	178	195784	36.58	nq	100
72) Carbazole	17.97	167	195043	37.58	nq	99
73) Di-n-butylphthalate	18.57	149	232137	38.64	nq	# 98
74) Fluoranthene	19.25	202	206942	36.80	nq	99
76) Benzidine	19.51	184	85964	29.95	nq	98
77) Pyrene	19.54	202	226504	36.84	nq	100
79) Butylbenzylphthalate	20.48	149	112058	40.24	nq	94
80) Benzo(a)anthracene	21.06	228	202408	35.96	nq	98
81) 3,3'-Dichlorobenzidine	21.08	252	46851	26.19	nq	# 97
82) Chrysene	21.11	228	201261	39.21	nq	99
83) Bis(2-ethylhexyl)phthalate	21.22	149	155929	40.47	nq	98
84) Di-n-octyl phthalate	21.99	149	275704	41.23	nq	99
87) Benzo(b)fluoranthene	22.33	252	198549	34.65	nq	# 95
88) Benzo(k)fluoranthene	22.33	252	198593	39.67	nq	98
89) Benzo(a)pyrene	22.68	252	188090	37.21	nq	# 97

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

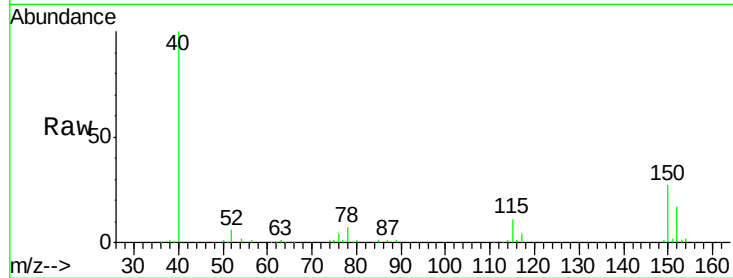


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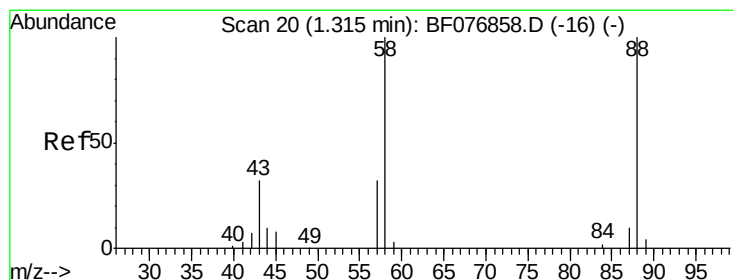
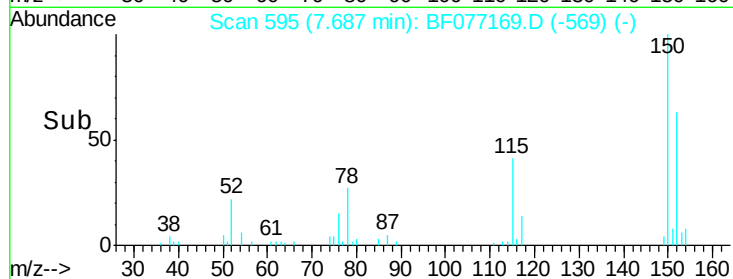
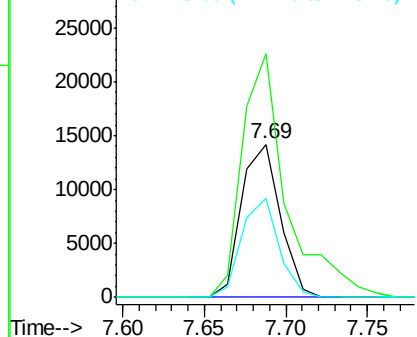
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.69 min Scan# 595
Delta R.T. 0.00 min
Lab File: BF077169.D
Acq: 3 Feb 2015 19:27

Instrument :
BNA_F
ClientSampleId :
PB81584BSD

Tot Ion:152 Resp: 23299
Ion Ratio Lower Upper
152 100
150 158.9 121.7 182.5
115 64.4 47.0 70.6



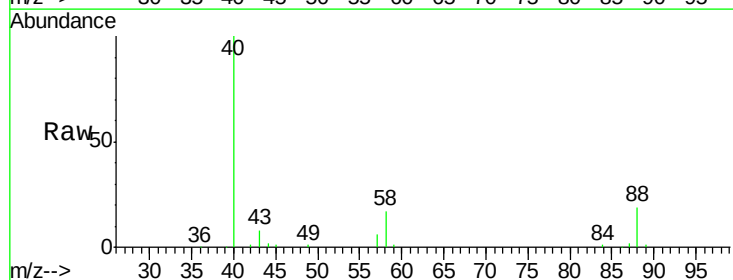
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



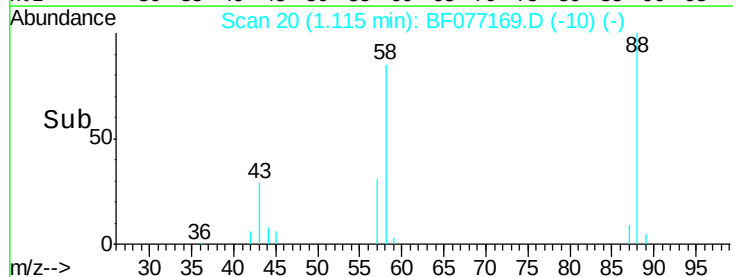
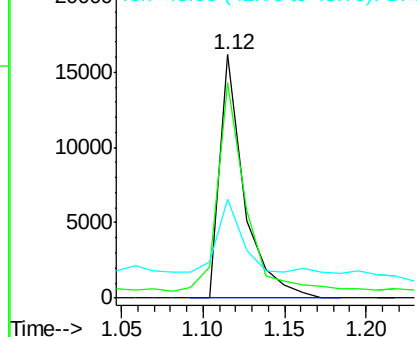
#2

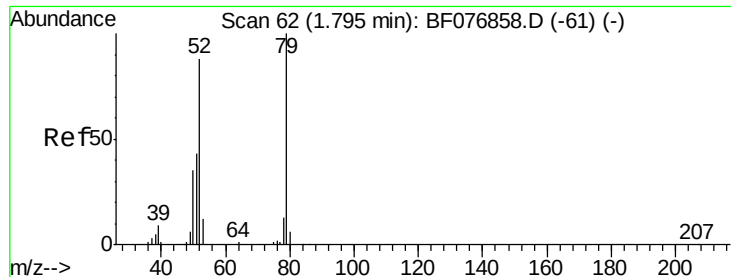
1,4-Dioxane
Concen: 27.64 ng
RT: 1.12 min Scan# 20
Delta R.T. 0.01 min
Lab File: BF077169.D
Acq: 3 Feb 2015 19:27

Tgt Ion: 88 Resp: 16770
Ion Ratio Lower Upper
88 100
58 107.1 77.0 115.4
43 28.8 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: 28.62 ng

RT: 1.56 min Scan# 59

Delta R.T. 0.00 min

Lab File: BF077169.D

Acq: 3 Feb 2015 19:27

Instrument :

BNA_F

ClientSampleId :

PB81584BSD

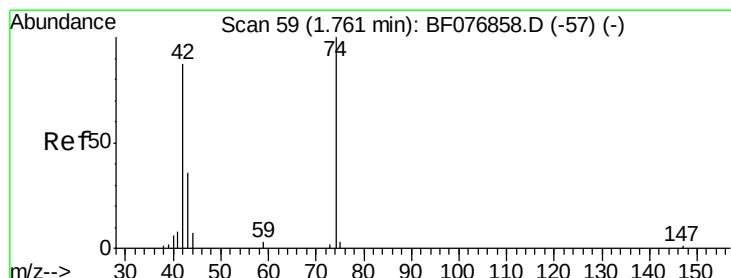
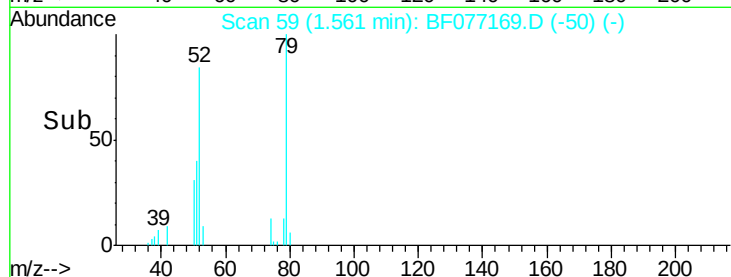
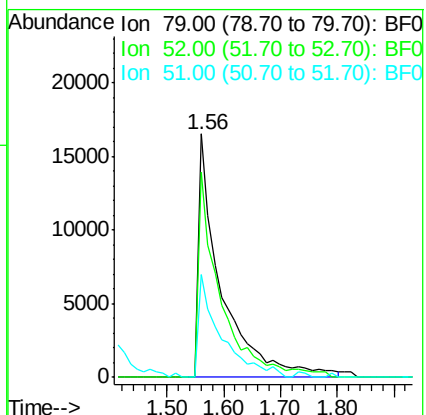
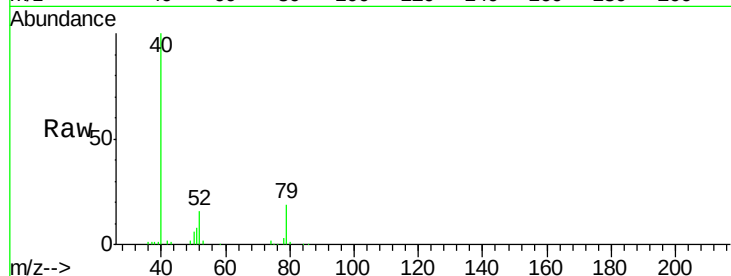
Tot Ion: 79 Resp: 44942

Ion Ratio Lower Upper

79 100

52 84.4 70.1 105.1

51 42.0 35.1 52.7



#4

n-Nitrosodimethylamine

Concen: 37.36 ng

RT: 1.52 min Scan# 55

Delta R.T. 0.00 min

Lab File: BF077169.D

Acq: 3 Feb 2015 19:27

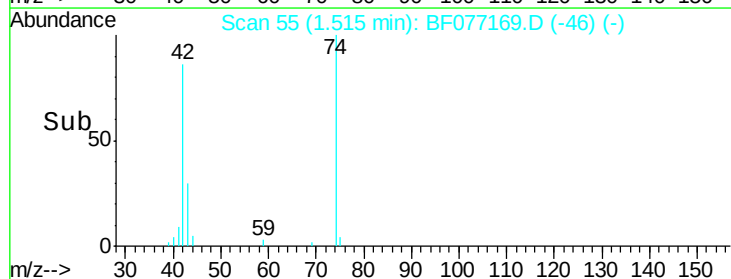
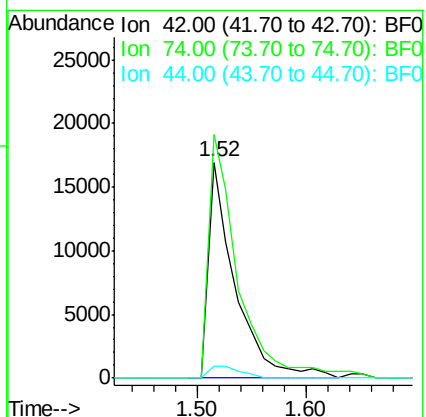
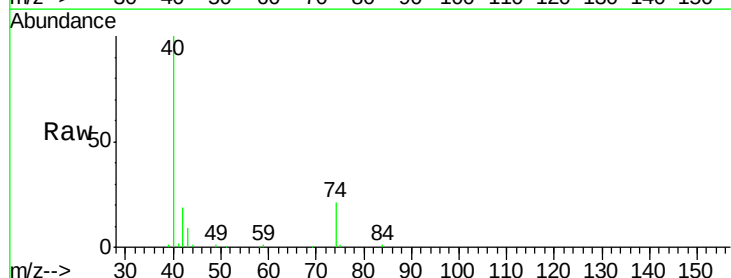
Tgt Ion: 42 Resp: 29061

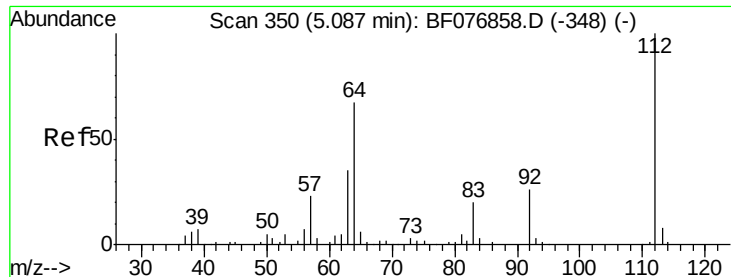
Ion Ratio Lower Upper

42 100

74 112.8 92.4 138.6

44 5.8 6.2 9.2#





#5

2-Fluorophenol

Concen: 115.03 ng

RT: 4.69 min Scan# 333

Delta R.T. 0.00 min

Lab File: BF077169.D

Acq: 3 Feb 2015 19:27

Instrument :

BNA_F

ClientSampleId :

PB81584BSD

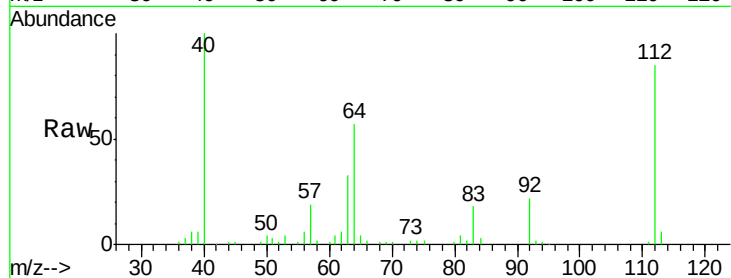
Tot Ion: 112 Resp: 163011

Ion Ratio Lower Upper

112 100

64 67.1 54.2 81.4

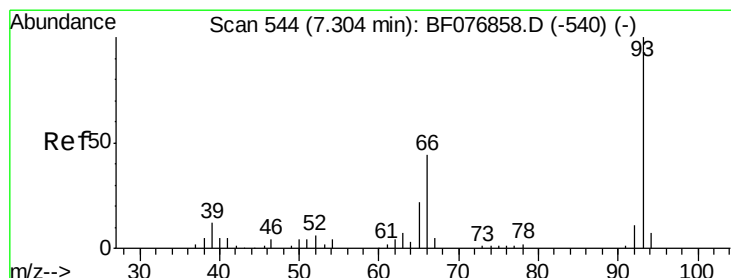
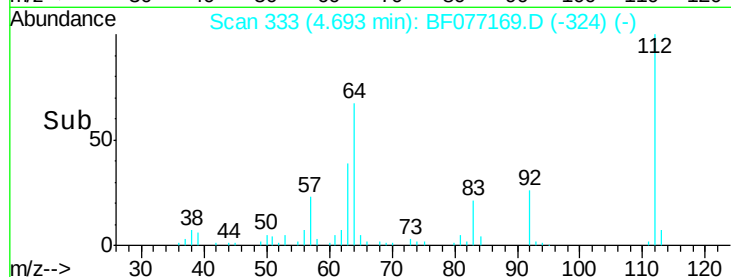
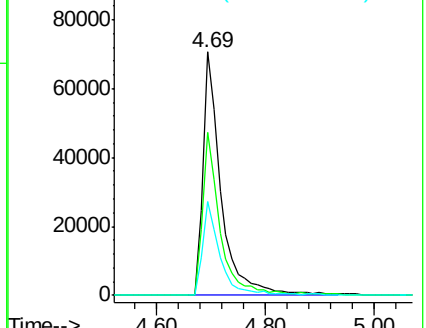
63 38.7 28.4 42.6



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: 17.72 ng

RT: 6.98 min Scan# 533

Delta R.T. 0.01 min

Lab File: BF077169.D

Acq: 3 Feb 2015 19:27

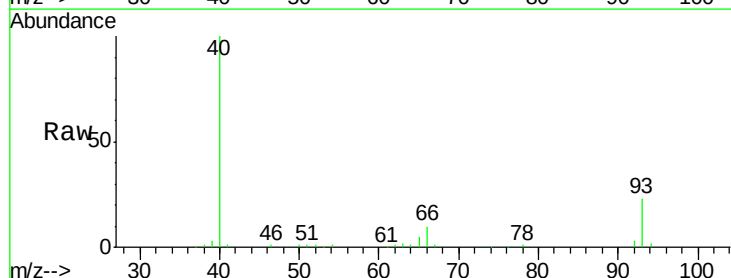
Tgt Ion: 93 Resp: 43848

Ion Ratio Lower Upper

93 100

66 41.9 35.0 52.4

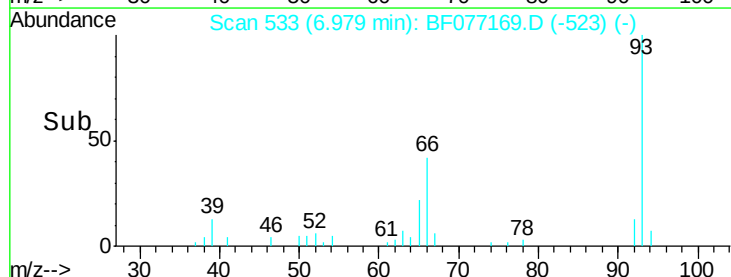
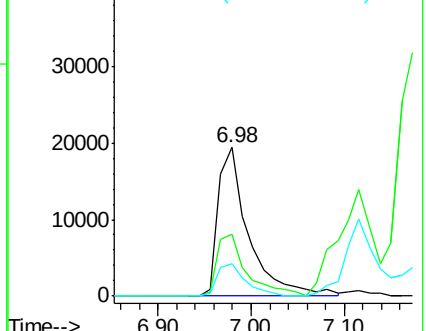
65 21.6 17.7 26.5

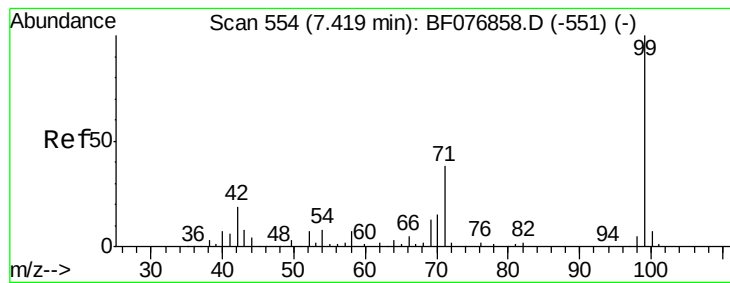


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 113.86 ng

RT: 7.09 min Scan# 543

Delta R.T. 0.01 min

Lab File: BF077169.D

Acq: 3 Feb 2015 19:27

Instrument :

BNA_F

ClientSampled :

PB81584BSD

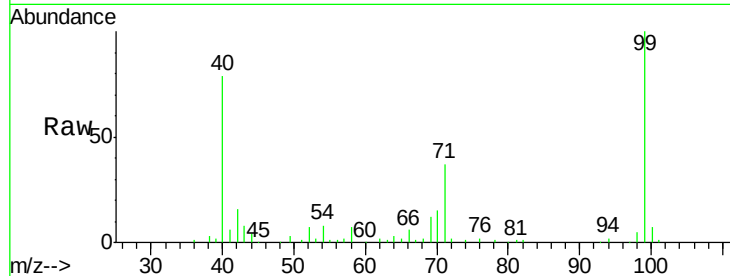
Tot Ion: 99 Resp: 203541

Ion Ratio Lower Upper

99 100

42 16.4 15.0 22.4

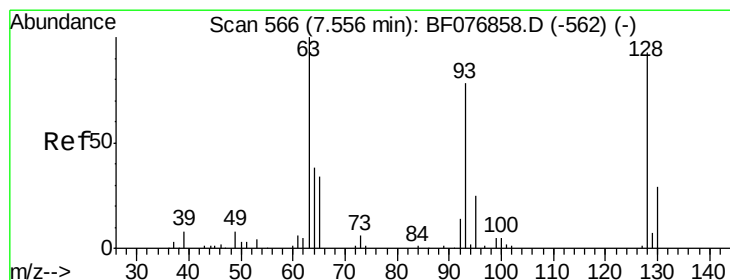
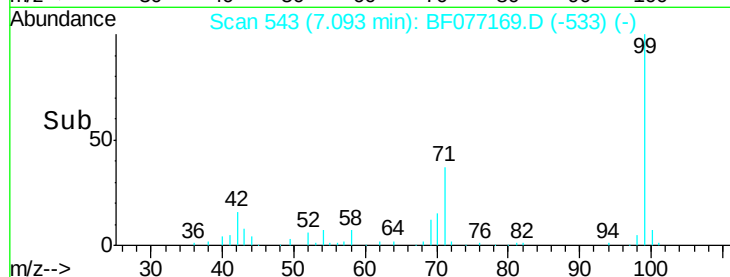
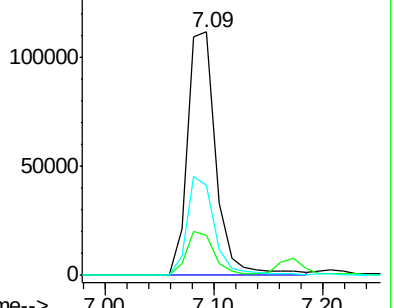
71 37.0 30.5 45.7



Abundance Ion 99.00 (98.70 to 99.70): BF076858.D (-551) (-)

Ion 42.00 (41.70 to 42.70): BF076858.D (-551) (-)

Ion 71.00 (70.70 to 71.70): BF076858.D (-551) (-)



#8

2-Chlorophenol

Concen: 35.09 ng

RT: 7.21 min Scan# 553

Delta R.T. 0.00 min

Lab File: BF077169.D

Acq: 3 Feb 2015 19:27

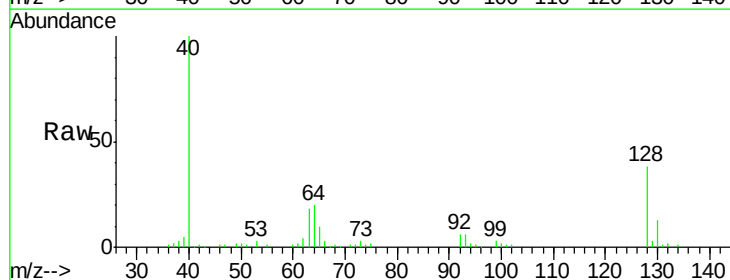
Tgt Ion: 128 Resp: 57320

Ion Ratio Lower Upper

128 100

130 33.8 11.0 51.0

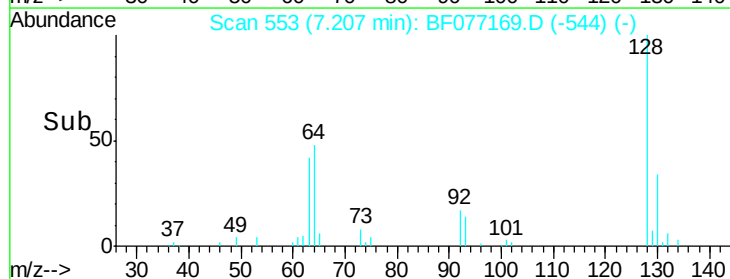
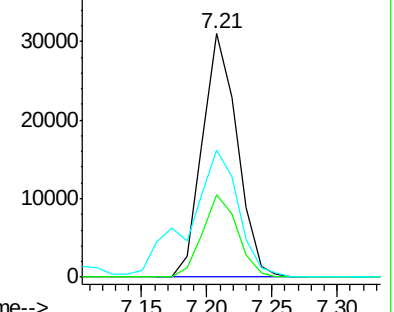
64 52.1 29.3 69.3

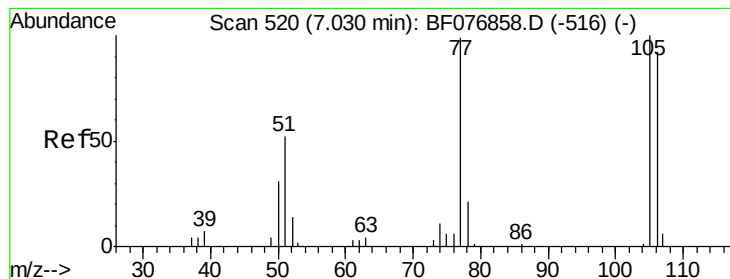


Abundance Ion 128.00 (127.70 to 128.70): BF076858.D (-562) (-)

Ion 130.00 (129.70 to 130.70): BF076858.D (-562) (-)

Ion 64.00 (63.70 to 64.70): BF076858.D (-562) (-)





#9

Benzaldehyde

Concen: 3.14 ng

RT: 6.73 min Scan# 511

Delta R.T. 0.00 min

Lab File: BF077169.D

Acq: 3 Feb 2015 19:27

Instrument :

BNA_F

ClientSampleId :

PB81584BSD

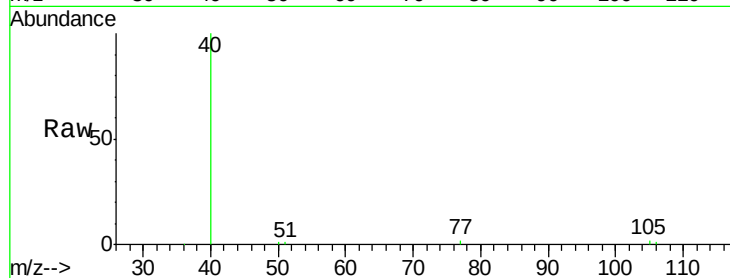
Tot Ion: 77 Resp: 4327

Ion Ratio Lower Upper

77 100

105 97.6 81.4 121.4

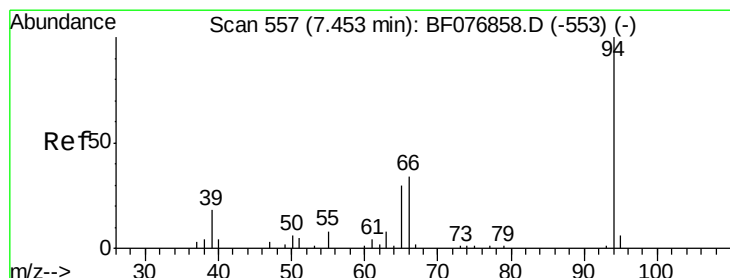
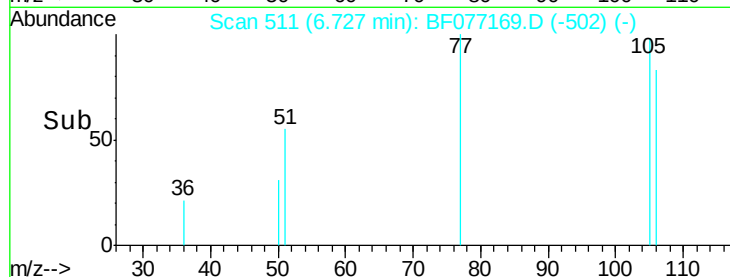
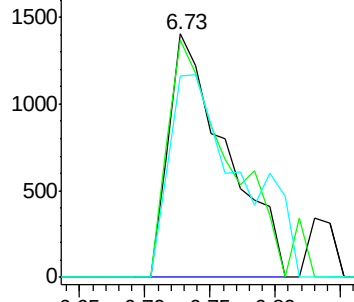
106 82.8 72.8 112.8



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: 33.98 ng

RT: 7.12 min Scan# 545

Delta R.T. 0.00 min

Lab File: BF077169.D

Acq: 3 Feb 2015 19:27

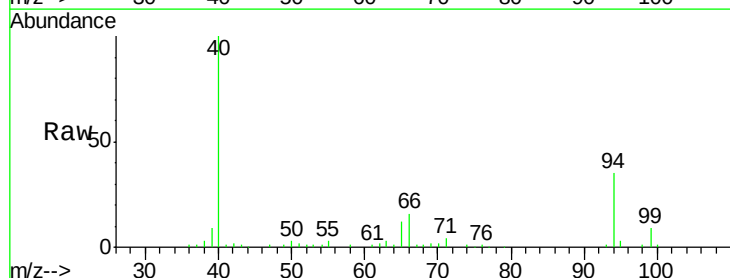
Tgt Ion: 94 Resp: 64502

Ion Ratio Lower Upper

94 100

65 33.7 11.3 51.3

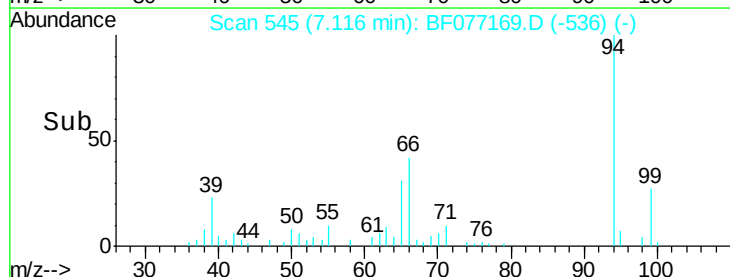
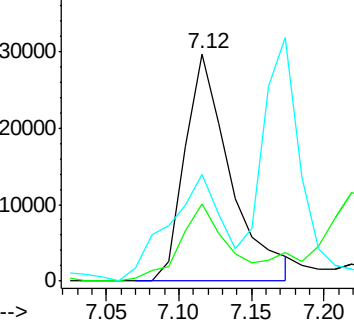
66 47.1 19.5 59.5

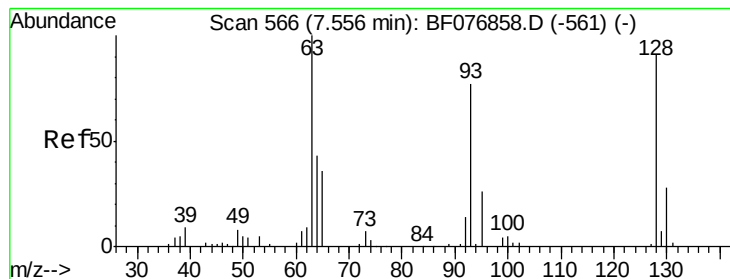


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

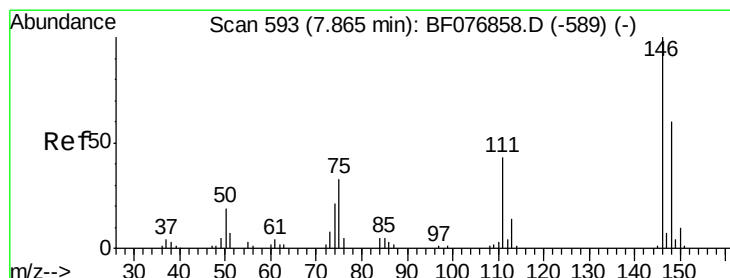
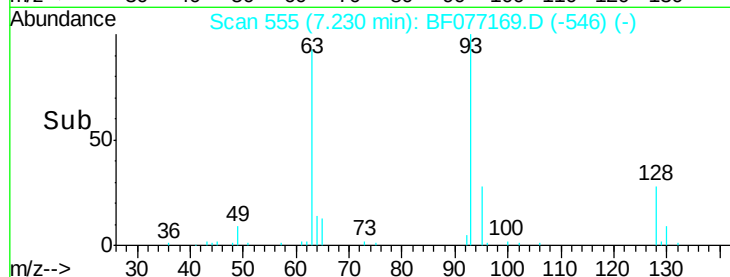
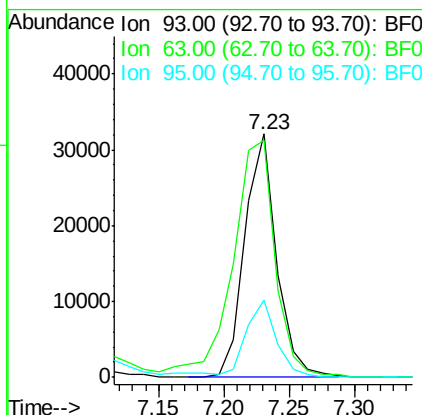
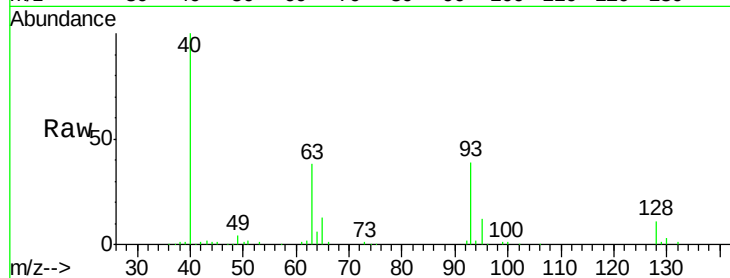




#11
 bis(2-Chloroethyl)ether
 Concen: 36.78 ng
 RT: 7.23 min Scan# 555
 Delta R.T. 0.00 min
 Lab File: BF077169.D
 Acq: 3 Feb 2015 19:27

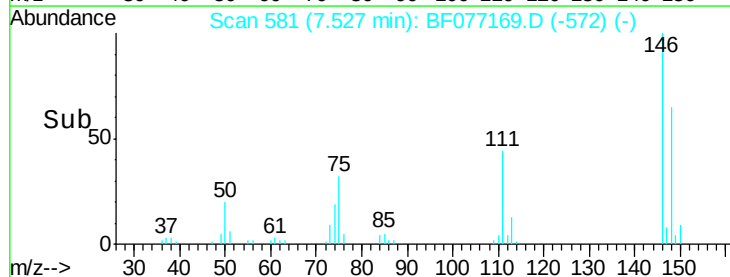
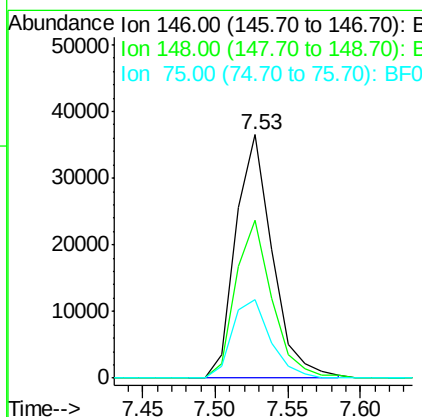
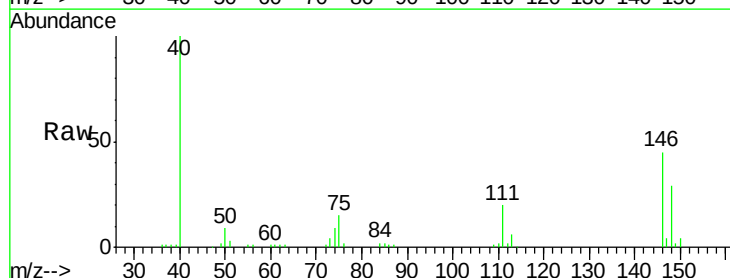
Instrument :
 BNA_F
 ClientSampleId :
 PB81584BSD

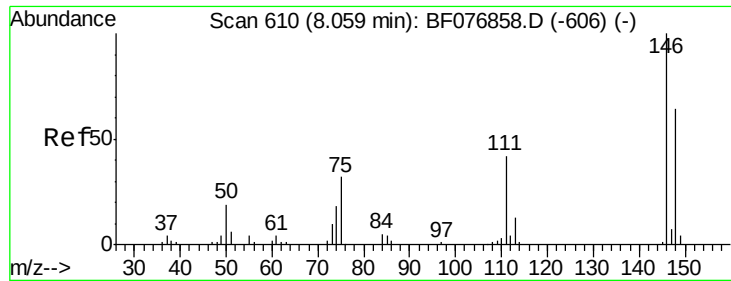
Tot Ion: 93 Resp: 54634
 Ion Ratio Lower Upper
 93 100
 63 97.5 111.3 151.3#
 95 31.9 13.8 53.8



#12
 1,3-Dichlorobenzene
 Concen: 34.56 ng
 RT: 7.53 min Scan# 581
 Delta R.T. 0.00 min
 Lab File: BF077169.D
 Acq: 3 Feb 2015 19:27

Tgt Ion: 146 Resp: 64228
 Ion Ratio Lower Upper
 146 100
 148 65.0 48.1 72.1
 75 32.3 26.8 40.2

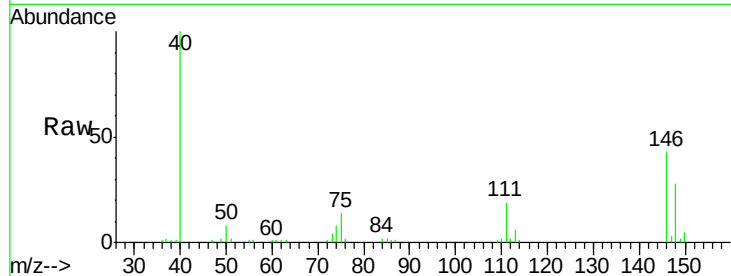




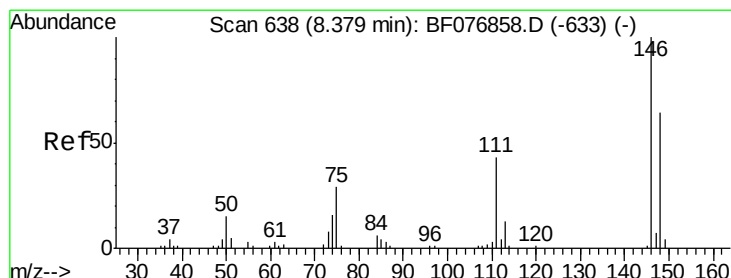
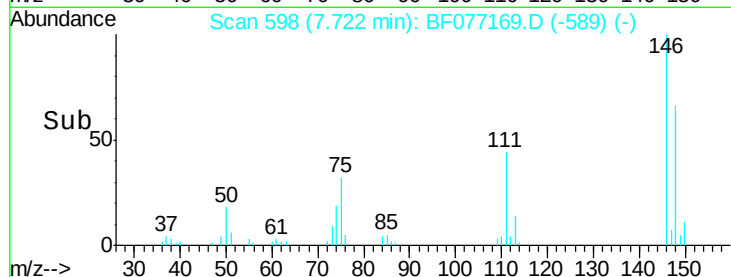
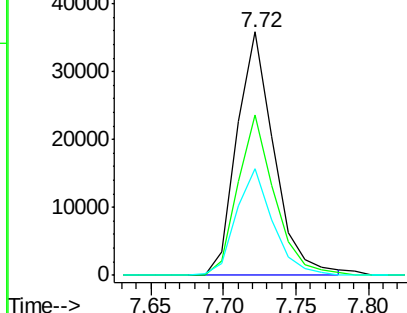
#13
 1,4-Dichlorobenzene
 Concen: 32.40 ng
 RT: 7.72 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: BF077169.D
 Acq: 3 Feb 2015 19:27

Instrument :
 BNA_F
 ClientSampleId :
 PB81584BSD

Tot Ion:146 Resp: 63853
 Ion Ratio Lower Upper
 146 100
 148 66.0 51.5 77.3
 111 44.1 33.9 50.9

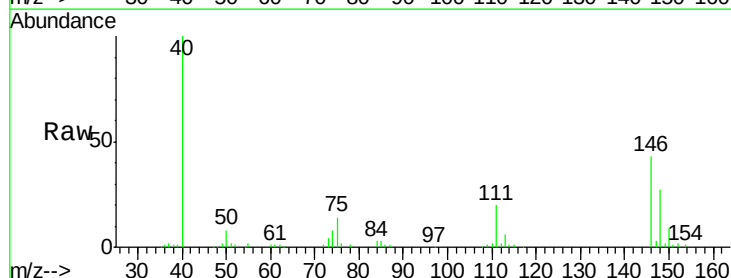


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

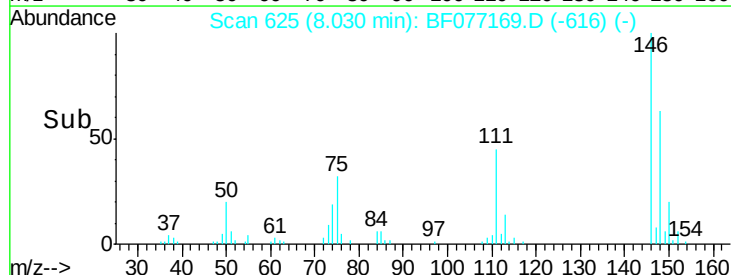
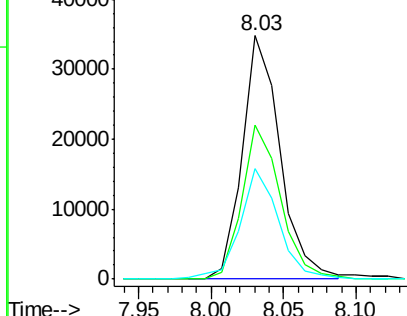


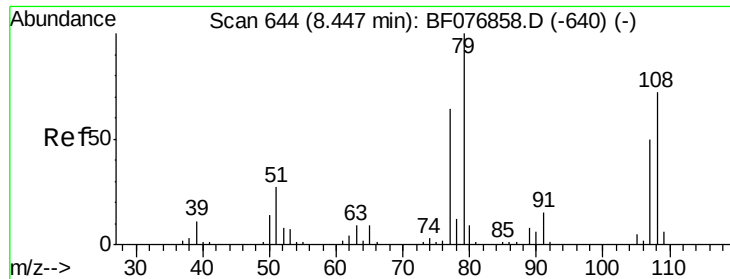
#14
 1,2-Dichlorobenzene
 Concen: 34.66 ng
 RT: 8.03 min Scan# 625
 Delta R.T. 0.00 min
 Lab File: BF077169.D
 Acq: 3 Feb 2015 19:27

Tgt Ion:146 Resp: 62950
 Ion Ratio Lower Upper
 146 100
 148 63.0 51.3 76.9
 111 45.4 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: 34.72 ng

RT: 8.13 min Scan# 634

Delta R.T. 0.00 min

Lab File: BF077169.D

Acq: 3 Feb 2015 19:27

Instrument :

BNA_F

ClientSampleId :

PB81584BSD

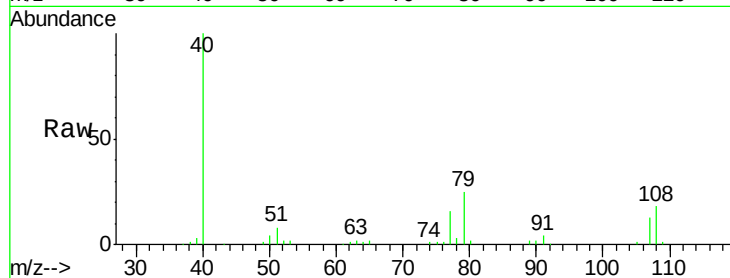
Tot Ion: 79 Resp: 50231

Ion Ratio Lower Upper

79 100

108 71.8 57.2 85.8

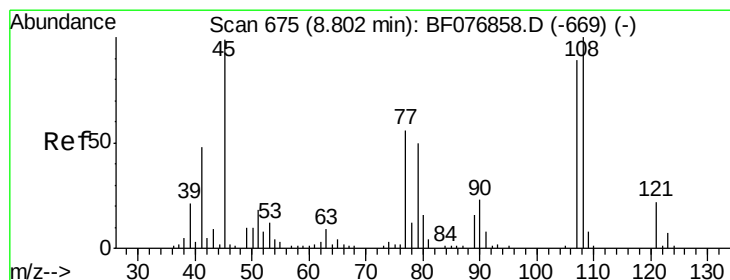
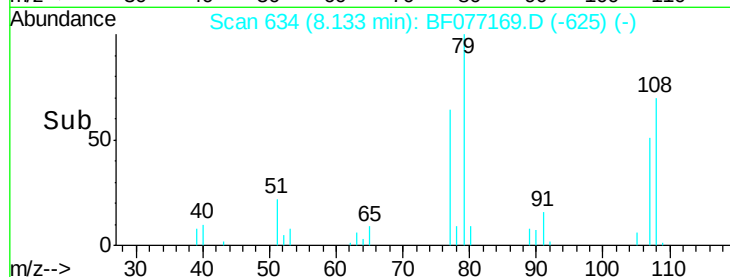
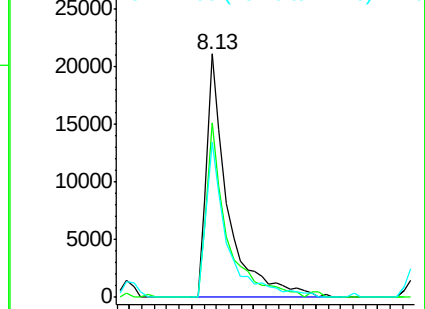
77 63.8 51.2 76.8



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: 34.75 ng

RT: 8.48 min Scan# 664

Delta R.T. 0.00 min

Lab File: BF077169.D

Acq: 3 Feb 2015 19:27

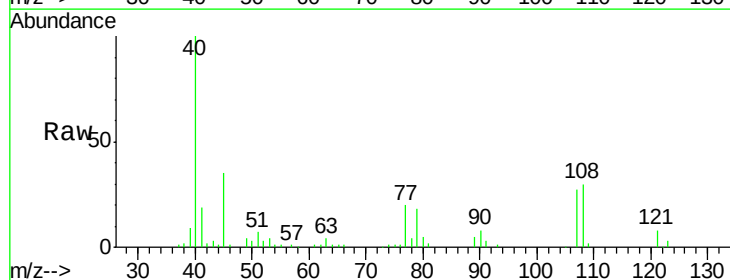
Tgt Ion: 45 Resp: 69376

Ion Ratio Lower Upper

45 100

77 56.2 36.1 76.1

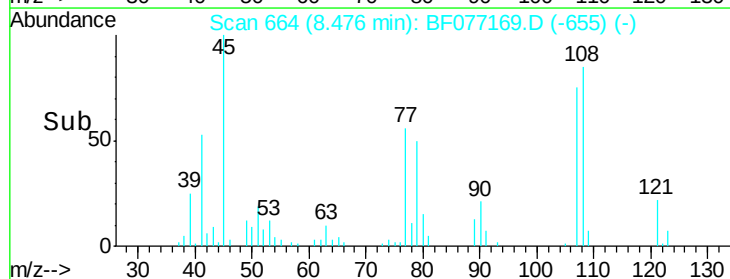
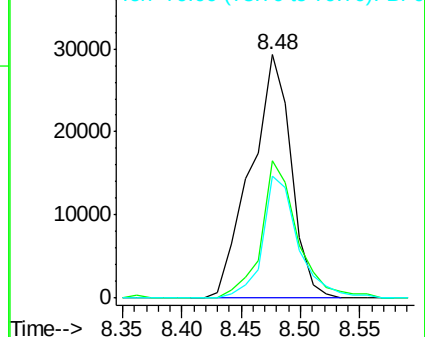
79 50.1 30.5 70.5

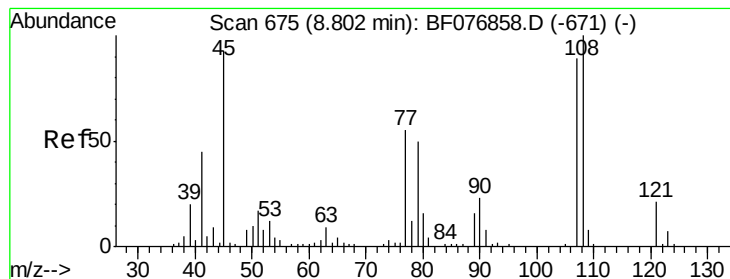


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

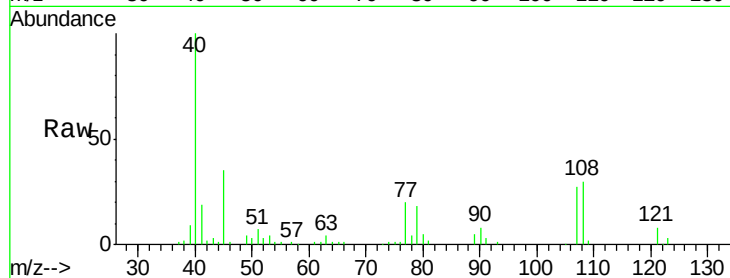




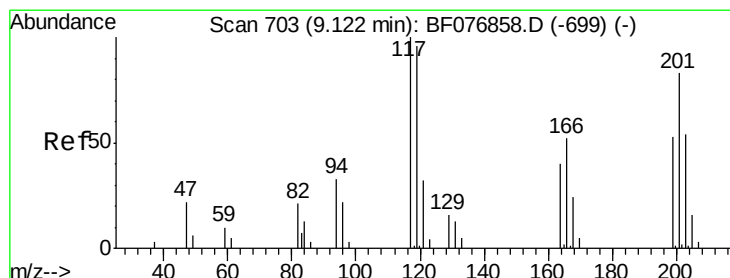
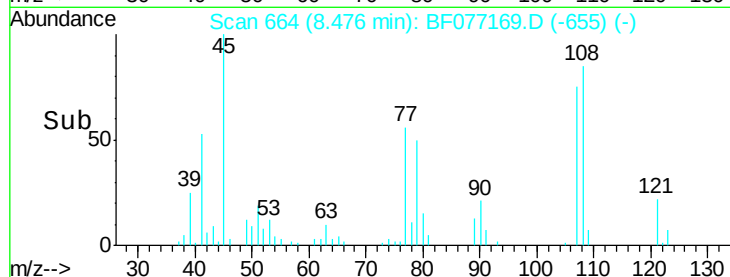
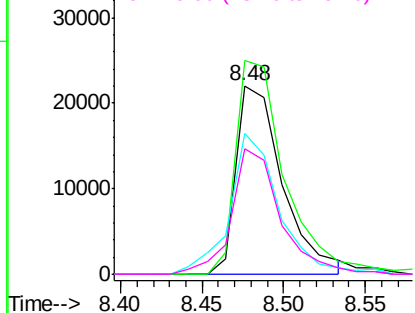
#17
2-Methylphenol
Concen: 32.68 ng
RT: 8.48 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF077169.D
Acq: 3 Feb 2015 19:27

Instrument :
BNA_F
ClientSampleId :
PB81584BSD

Tot Ion:107 Resp: 43635
Ion Ratio Lower Upper
107 100
108 113.5 89.7 134.5
77 74.8 50.1 75.1
79 66.7 45.0 67.6

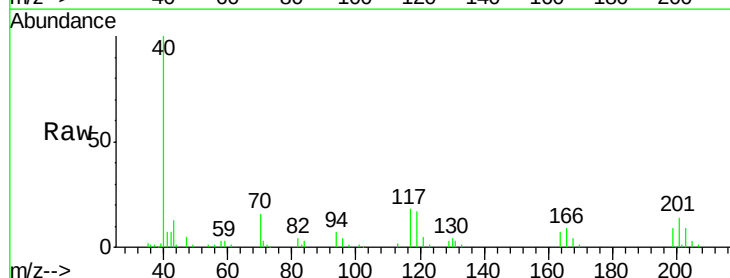


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

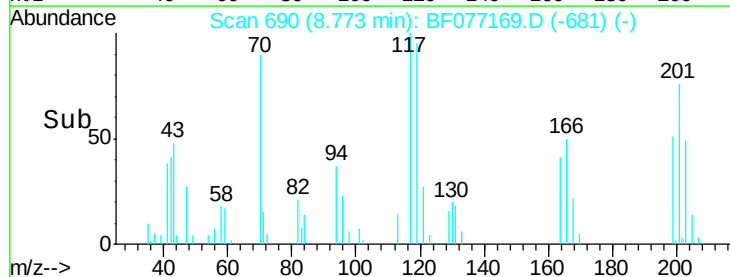
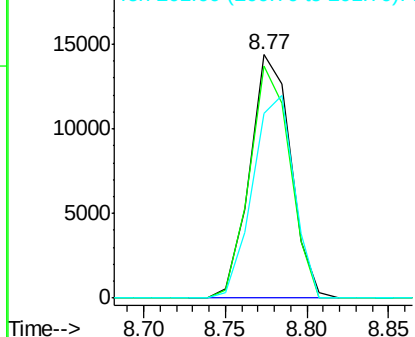


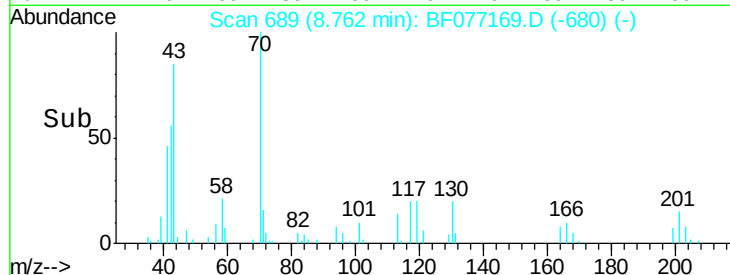
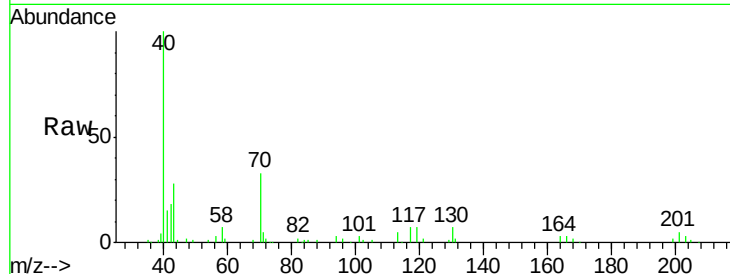
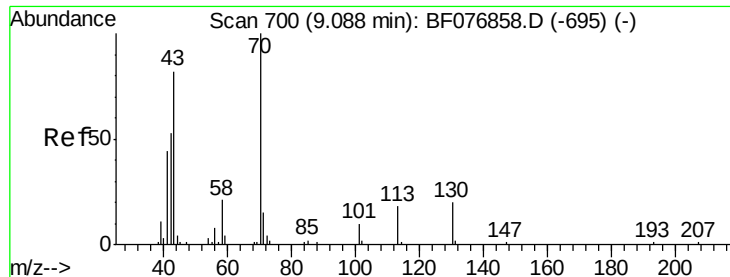
#18
Hexachloroethane
Concen: 36.59 ng
RT: 8.77 min Scan# 690
Delta R.T. 0.00 min
Lab File: BF077169.D
Acq: 3 Feb 2015 19:27

Tgt Ion:117 Resp: 25085
Ion Ratio Lower Upper
117 100
119 95.5 77.1 115.7
201 76.1 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

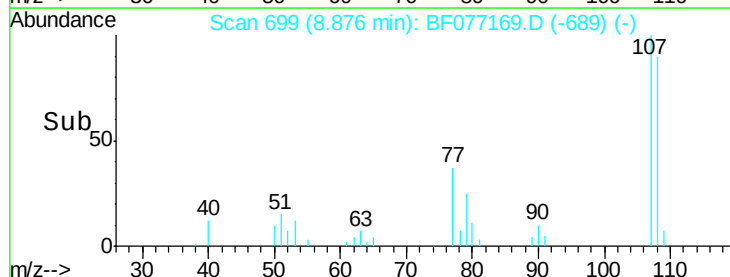
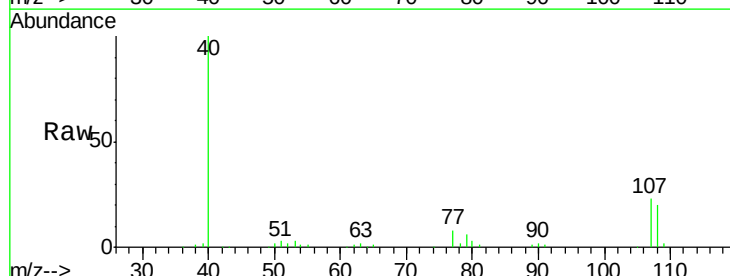
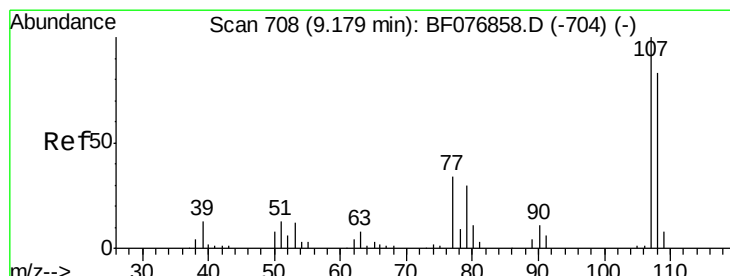
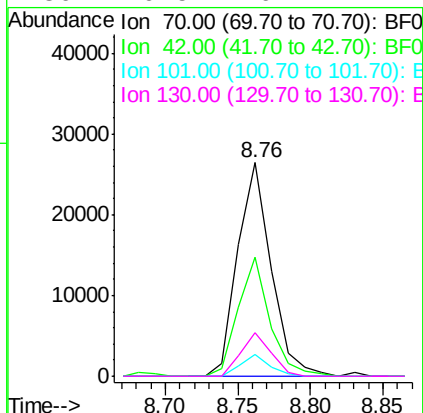




#19
n-Nitroso-di-n-propylamine
Concen: 33.93 ng
RT: 8.76 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF077169.D
Acq: 3 Feb 2015 19:27

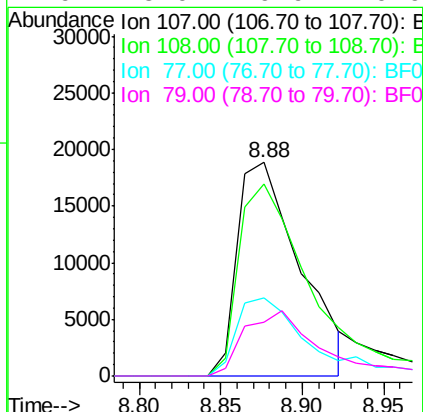
Instrument :
BNA_F
ClientSampleId :
PB81584BSD

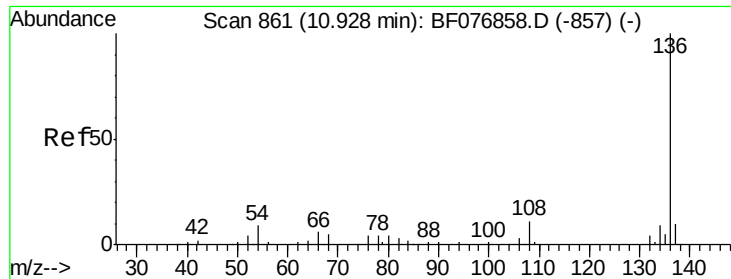
Tot Ion:	70	Resp:	42458
Ion	Ratio	Lower	Upper
70	100		
42	55.6	42.1	63.1
101	10.4	7.8	11.8
130	20.5	16.2	24.4



#20
3+4-Methylphenols
Concen: 28.38 ng
RT: 8.88 min Scan# 699
Delta R.T. 0.01 min
Lab File: BF077169.D
Acq: 3 Feb 2015 19:27

Tgt Ion:	107	Resp:	50171
Ion	Ratio	Lower	Upper
107	100		
108	90.2	63.5	103.5
77	36.8	14.0	54.0
79	25.0	9.9	49.9

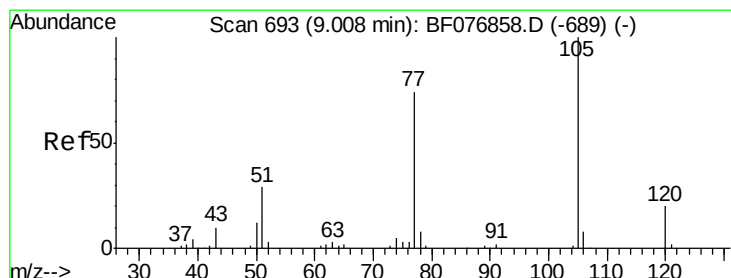
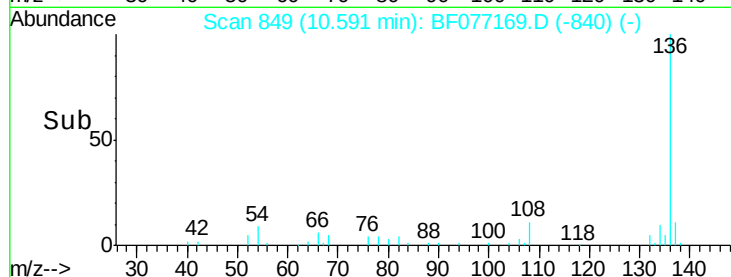
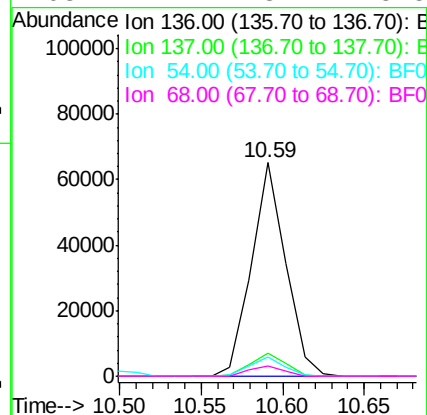
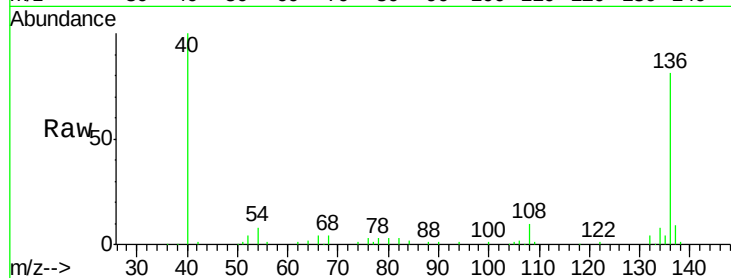




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.59 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF077169.D
Acq: 3 Feb 2015 19:27

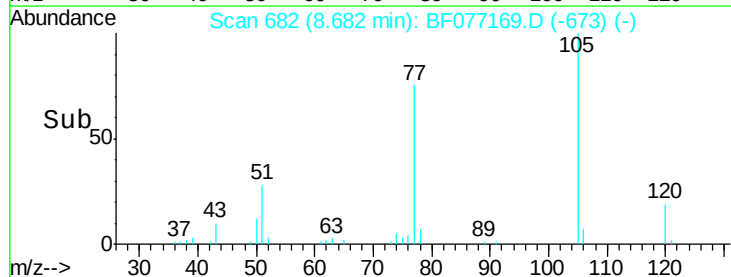
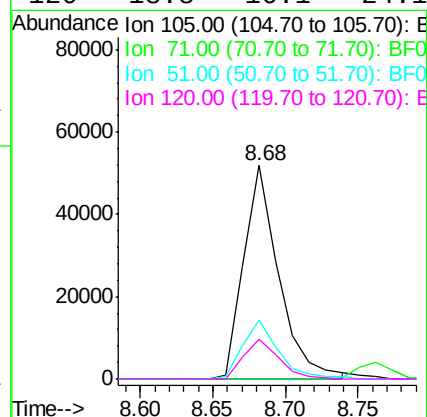
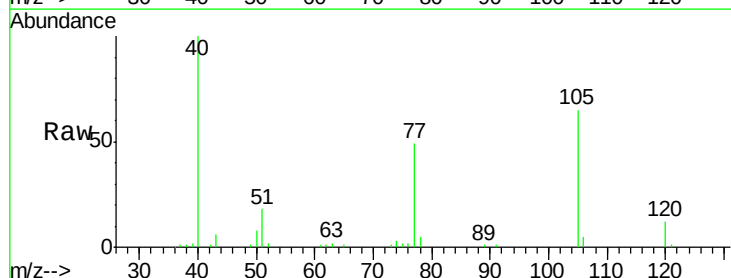
Instrument :
BNA_F
ClientSampleId :
PB81584BSD

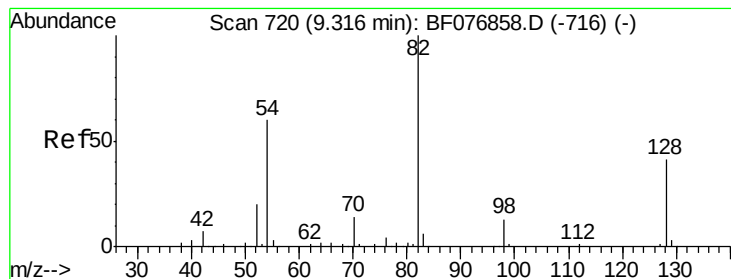
Tot Ion:136 Resp: 94880
Ion Ratio Lower Upper
136 100
137 10.9 8.1 12.1
54 9.3 7.0 10.4
68 4.7 3.7 5.5



#22
Acetophenone
Concen: 37.57 ng
RT: 8.68 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF077169.D
Acq: 3 Feb 2015 19:27

Tgt Ion:105 Resp: 87314
Ion Ratio Lower Upper
105 100
71 0.0 0.0 0.0
51 27.9 23.3 34.9
120 18.8 16.1 24.1





#23

Nitrobenzene-d5

Concen: 75.51 ng

RT: 8.99 min Scan# 709

Delta R.T. 0.00 min

Lab File: BF077169.D

Acq: 3 Feb 2015 19:27

Instrument :

BNA_F

ClientSampleId :

PB81584BSD

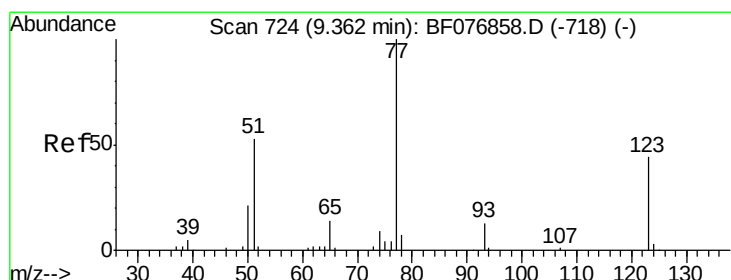
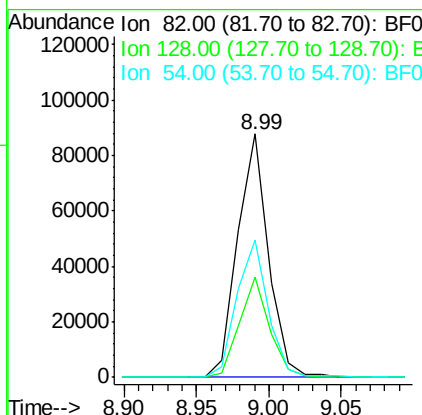
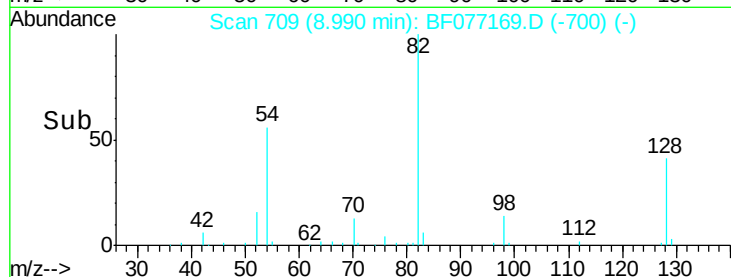
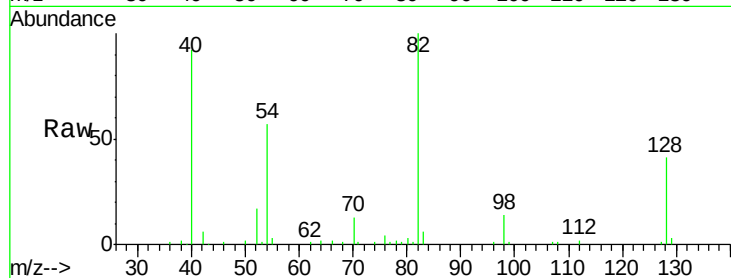
Tot Ion: 82 Resp: 129319

Ion Ratio Lower Upper

82 100

128 41.3 33.1 49.7

54 56.5 48.3 72.5



#24

Nitrobenzene

Concen: 33.52 ng

RT: 9.04 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF077169.D

Acq: 3 Feb 2015 19:27

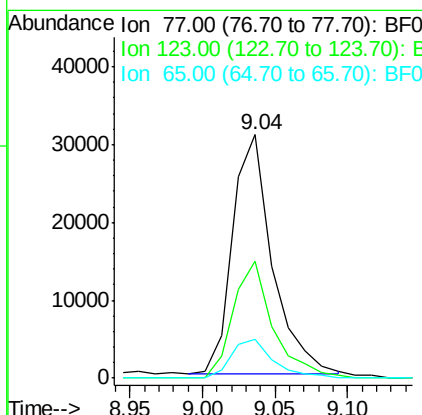
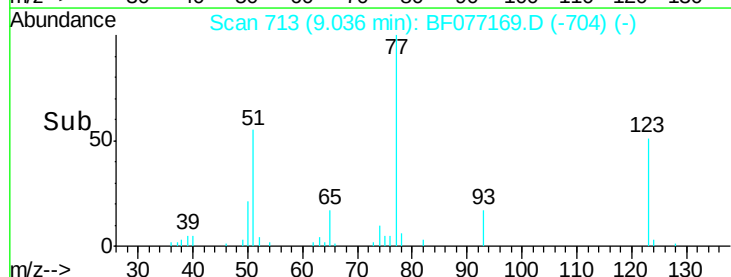
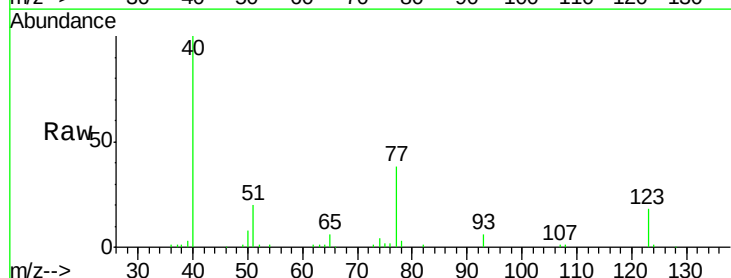
Tgt Ion: 77 Resp: 58479

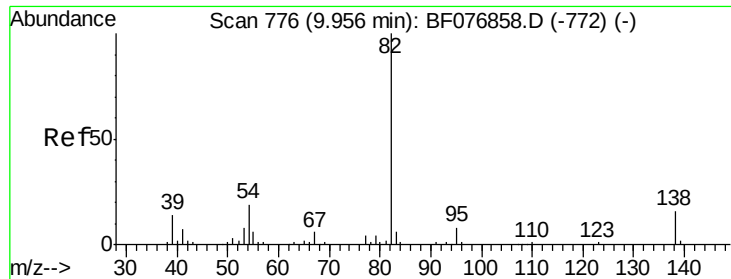
Ion Ratio Lower Upper

77 100

123 48.2 35.2 52.8

65 16.1 11.4 17.2





#25

Isophorone

Concen: 35.76 ng

RT: 9.63 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF077169.D

Acq: 3 Feb 2015 19:27

Instrument :

BNA_F

ClientSampleId :

PB81584BSD

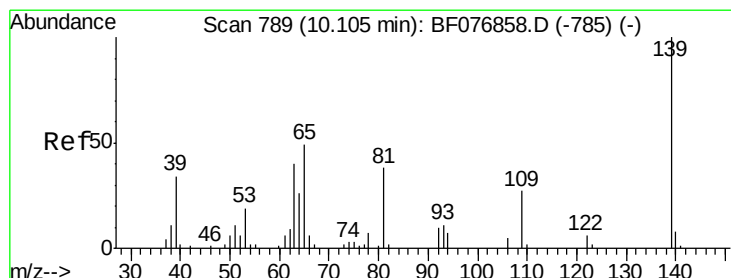
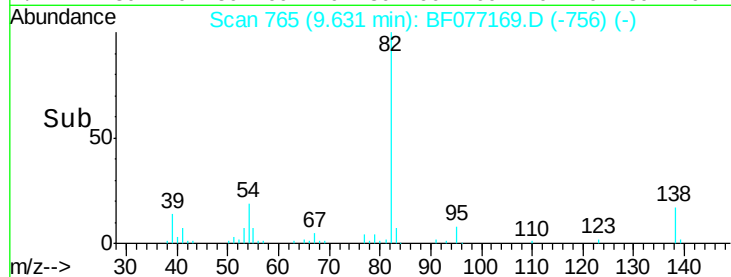
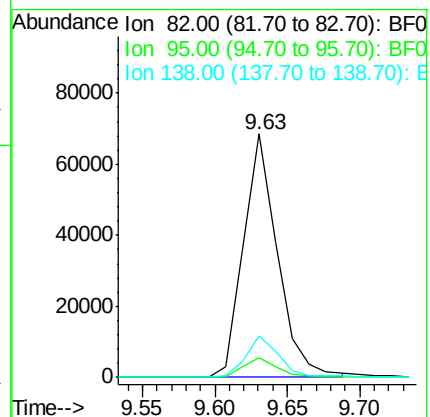
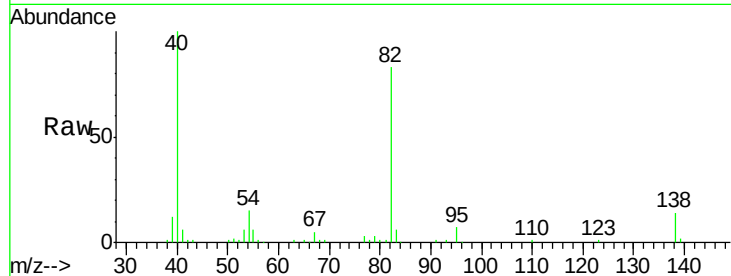
Tot Ion: 82 Resp: 111523

Ion Ratio Lower Upper

82 100

95 8.1 6.6 10.0

138 16.7 12.6 18.8



#26

2-Nitrophenol

Concen: 31.93 ng

RT: 9.78 min Scan# 778

Delta R.T. 0.00 min

Lab File: BF077169.D

Acq: 3 Feb 2015 19:27

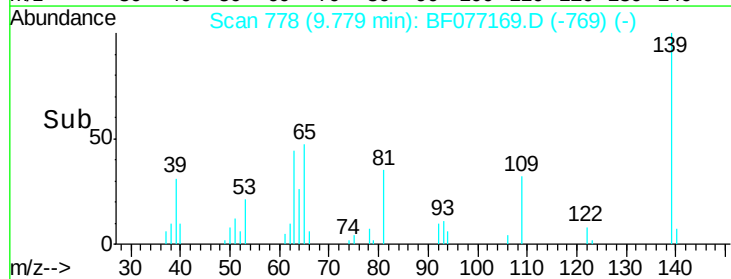
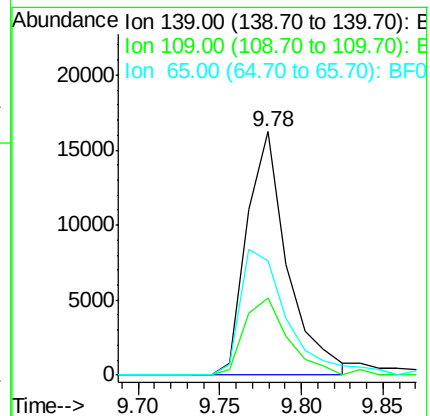
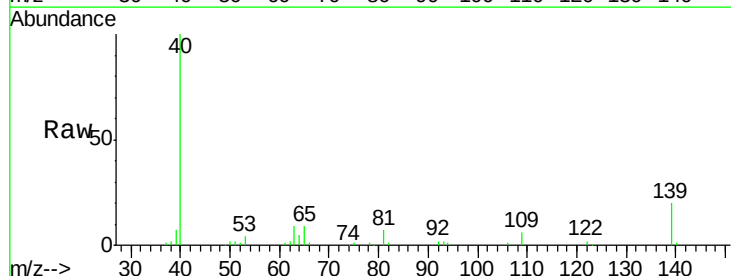
Tgt Ion: 139 Resp: 27980

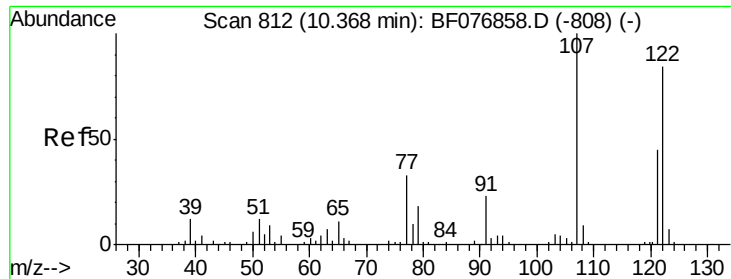
Ion Ratio Lower Upper

139 100

109 31.9 21.3 31.9#

65 46.8 39.4 59.0

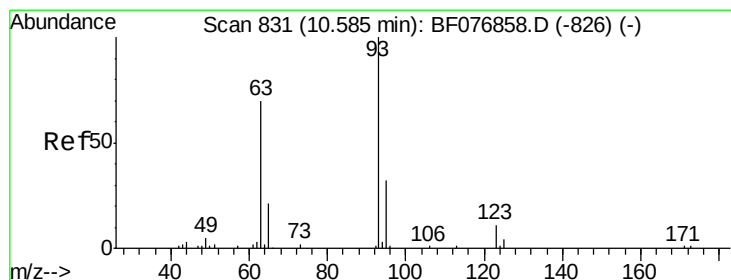
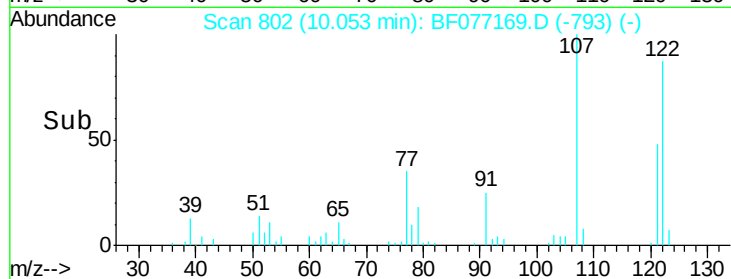
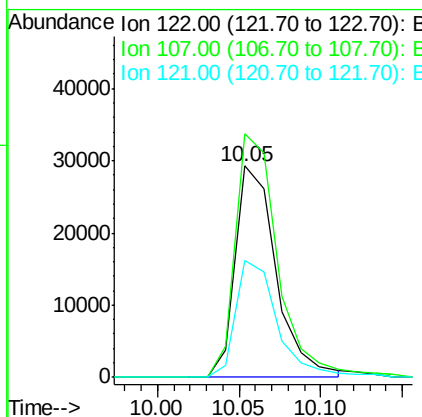
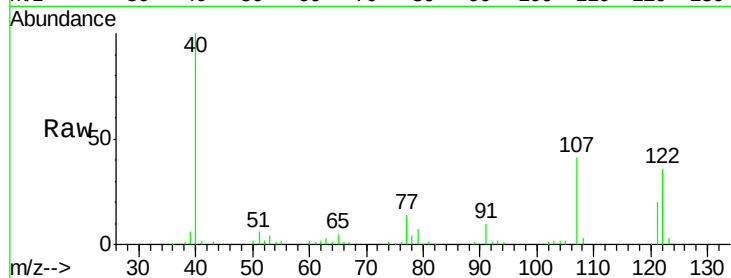




#27
 2,4-Dimethylphenol
 Concen: 37.76 ng
 RT: 10.05 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: BF077169.D
 Acq: 3 Feb 2015 19:27

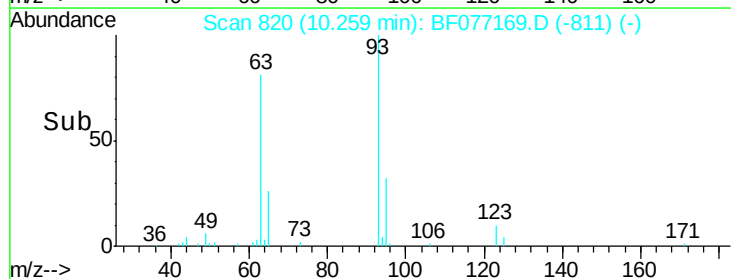
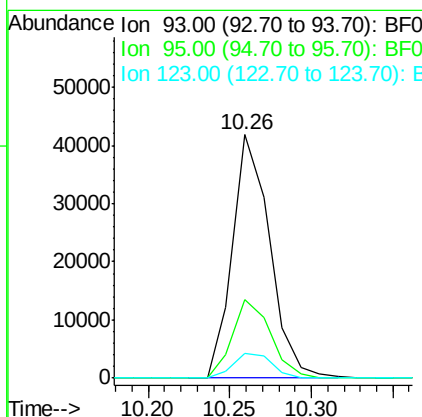
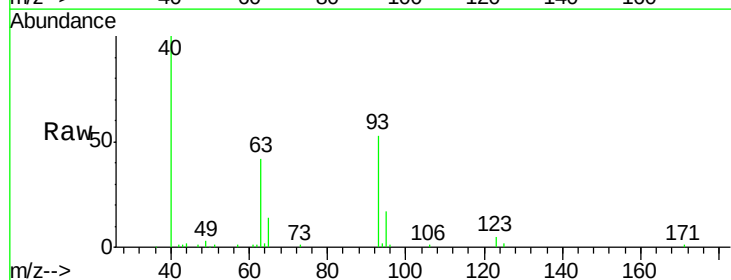
Instrument :
 BNA_F
 ClientSampleId :
 PB81584BSD

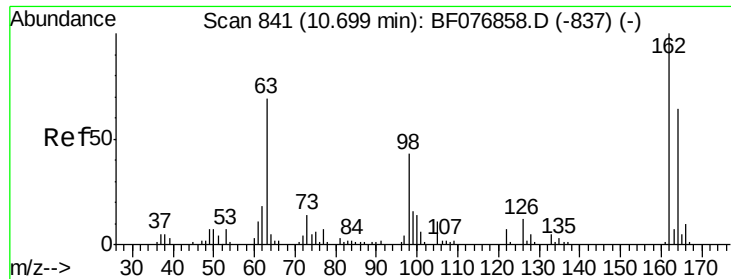
Tot Ion:122 Resp: 50946
 Ion Ratio Lower Upper
 122 100
 107 115.3 95.2 142.8
 121 55.1 42.9 64.3



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.48 ng
 RT: 10.26 min Scan# 820
 Delta R.T. 0.00 min
 Lab File: BF077169.D
 Acq: 3 Feb 2015 19:27

Tgt Ion: 93 Resp: 66449
 Ion Ratio Lower Upper
 93 100
 95 32.1 25.6 38.4
 123 10.2 8.9 13.3

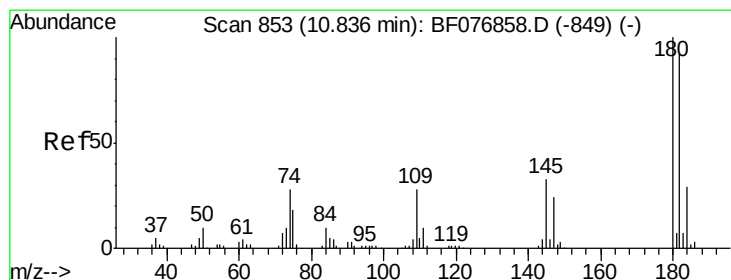
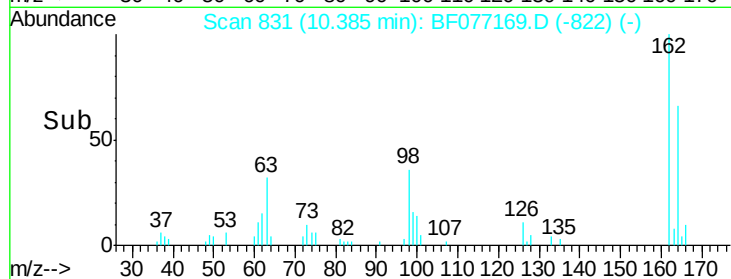
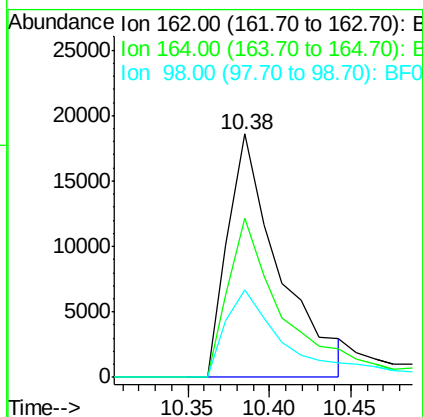
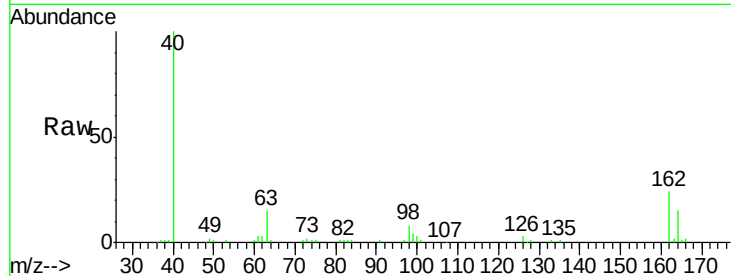




#29
 2,4-Dichlorophenol
 Concen: 32.45 ng
 RT: 10.38 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: BF077169.D
 Acq: 3 Feb 2015 19:27

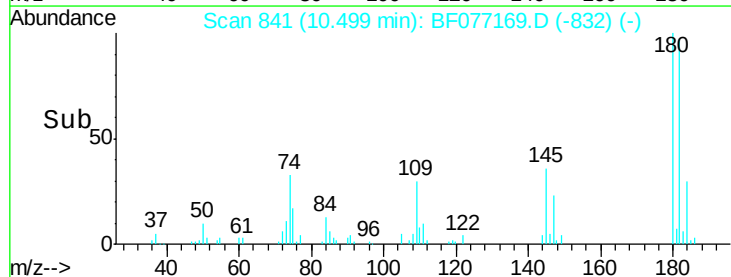
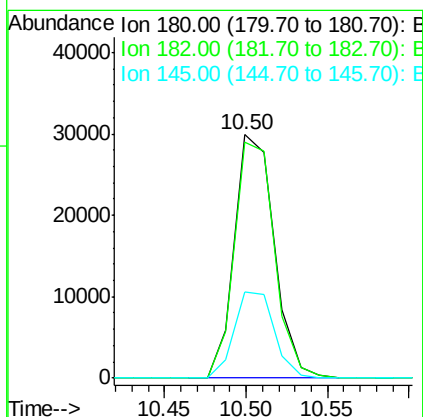
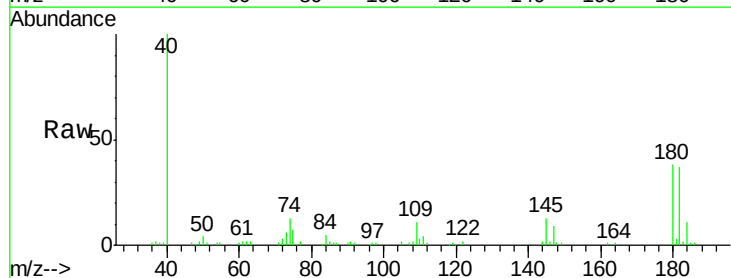
Instrument :
 BNA_F
 ClientSampleId :
 PB81584BSD

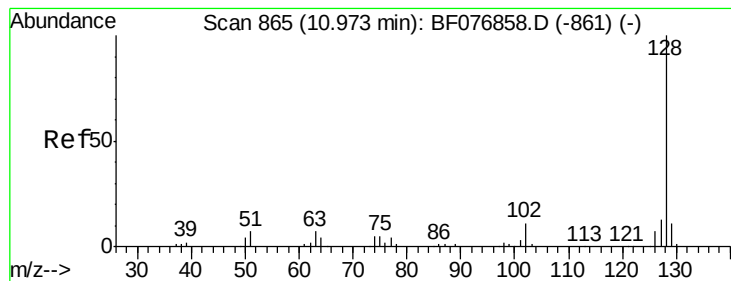
Tot Ion:162 Resp: 40806
 Ion Ratio Lower Upper
 162 100
 164 65.6 43.8 83.8
 98 35.8 22.5 62.5



#30
 1,2,4-Trichlorobenzene
 Concen: 36.14 ng
 RT: 10.50 min Scan# 841
 Delta R.T. 0.00 min
 Lab File: BF077169.D
 Acq: 3 Feb 2015 19:27

Tgt Ion:180 Resp: 50471
 Ion Ratio Lower Upper
 180 100
 182 97.0 73.6 110.4
 145 35.6 26.6 39.8





#31

Naphthalene

Concen: 35.35 ng

RT: 10.64 min Scan# 853

Delta R.T. 0.00 min

Lab File: BF077169.D

Acq: 3 Feb 2015 19:27

Instrument :

BNA_F

ClientSampleId :

PB81584BSD

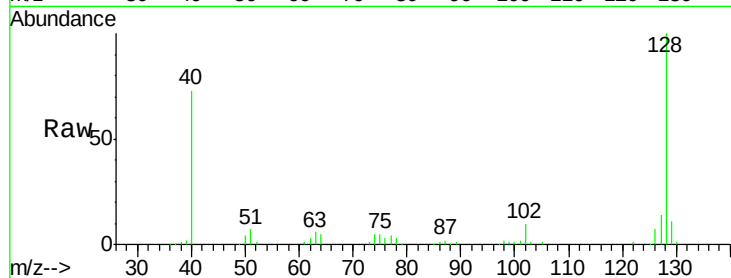
Tot Ion:128 Resp: 172686

Ion Ratio Lower Upper

128 100

129 10.8 9.0 13.6

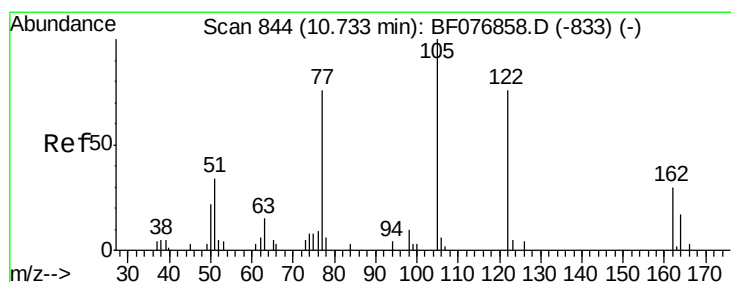
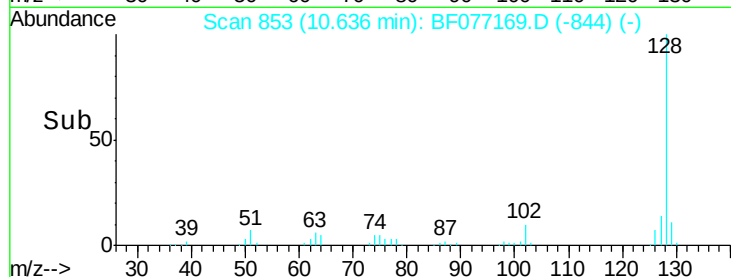
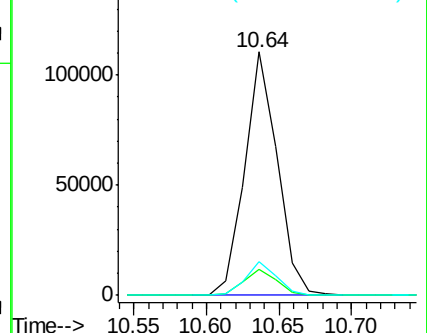
127 13.7 10.2 15.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 11.16 ng

RT: 10.44 min Scan# 836

Delta R.T. 0.00 min

Lab File: BF077169.D

Acq: 3 Feb 2015 19:27

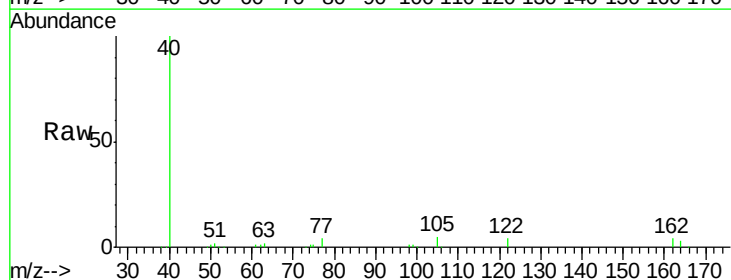
Tgt Ion:122 Resp: 8344

Ion Ratio Lower Upper

122 100

105 130.4 111.3 151.3

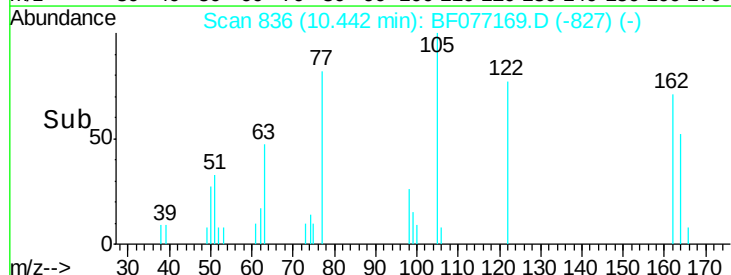
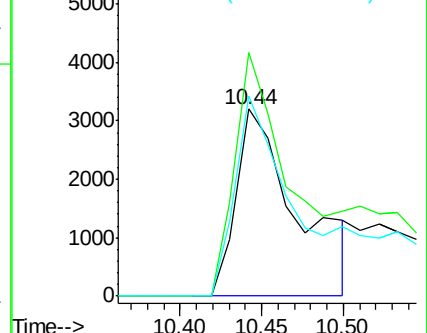
77 106.9 79.2 119.2

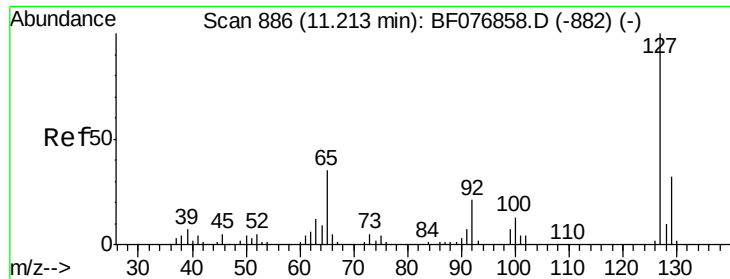


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

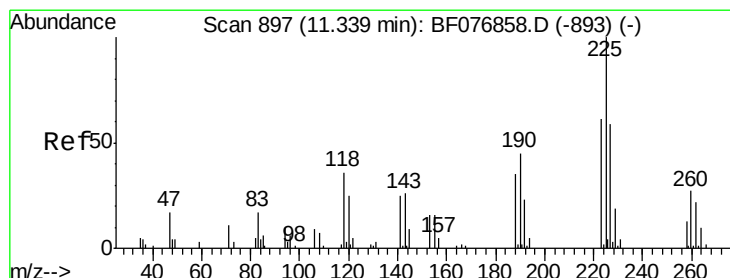
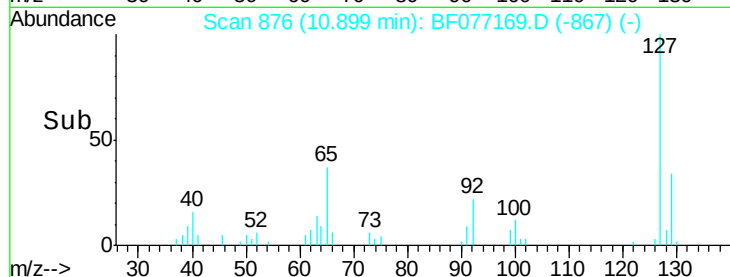
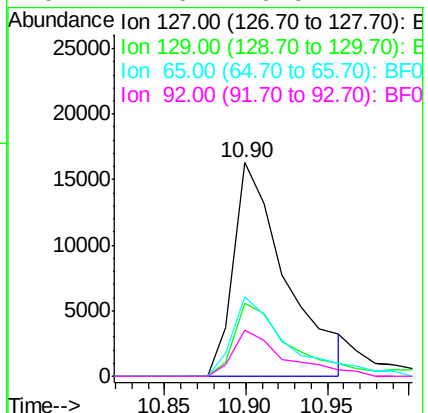
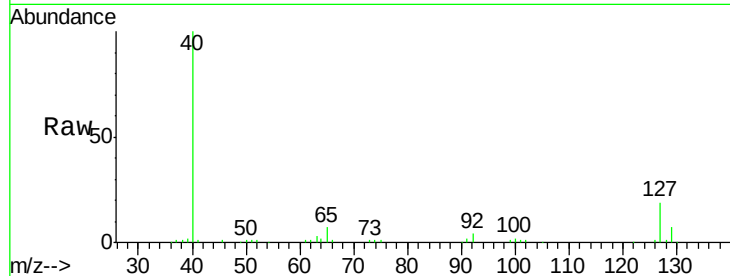




#33
4-Chloroaniline
Concen: 18.41 ng
RT: 10.90 min Scan# 876
Delta R.T. 0.00 min
Lab File: BF077169.D
Acq: 3 Feb 2015 19:27

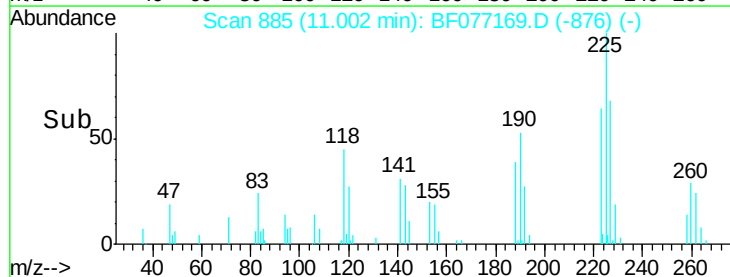
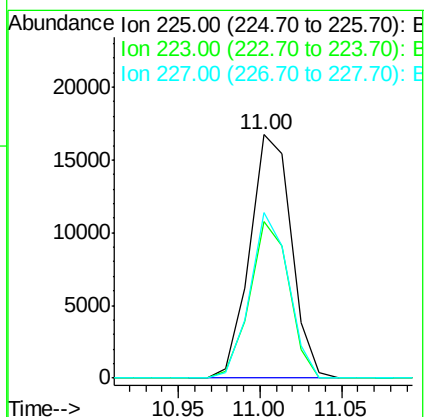
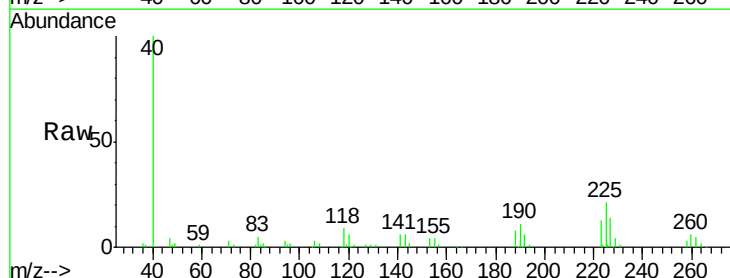
Instrument :
BNA_F
ClientSampleId :
PB81584BSD

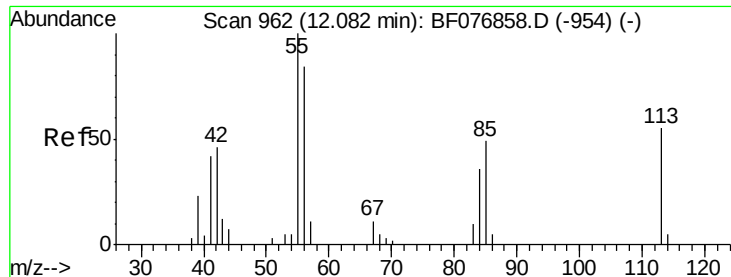
Tot Ion:127	Resp:	36339	
Ion Ratio	Lower	Upper	
127 100			
129 34.4	25.3	37.9	
65 37.2	27.8	41.6	
92 21.6	16.5	24.7	



#34
Hexachlorobutadiene
Concen: 35.68 ng
RT: 11.00 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF077169.D
Acq: 3 Feb 2015 19:27

Tgt	Ion:225	Resp:	29570
Ion	Ratio	Lower	Upper
225	100		
223	64.2	49.1	73.7
227	67.9	47.5	71.3

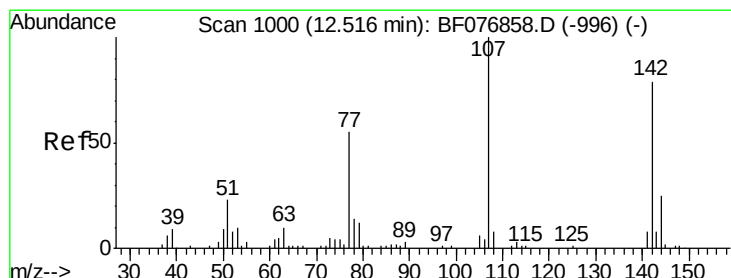
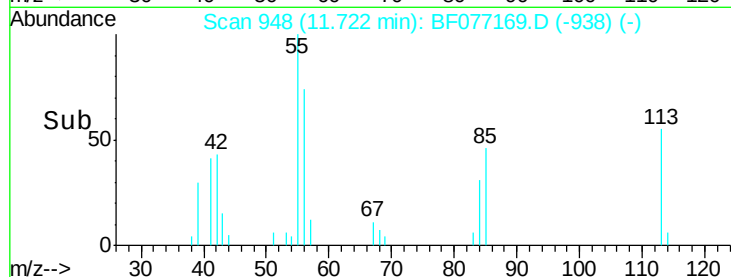
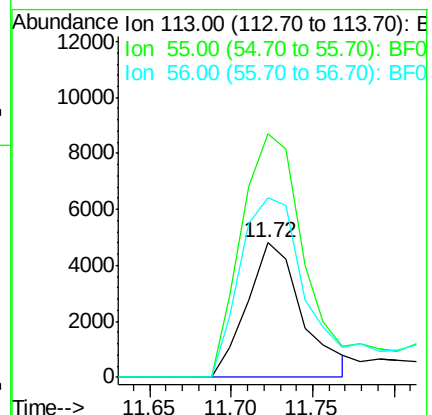
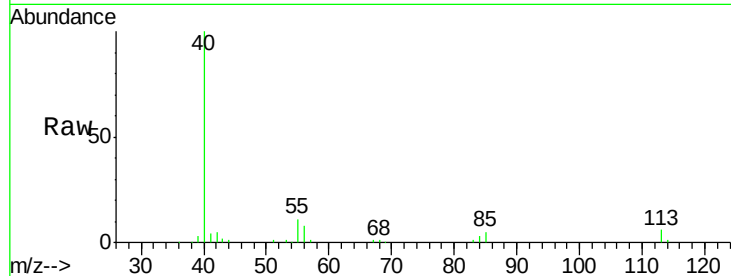




#35
Caprolactam
Concen: 30.64 ng
RT: 11.72 min Scan# 948
Delta R.T. 0.01 min
Lab File: BF077169.D
Acq: 3 Feb 2015 19:27

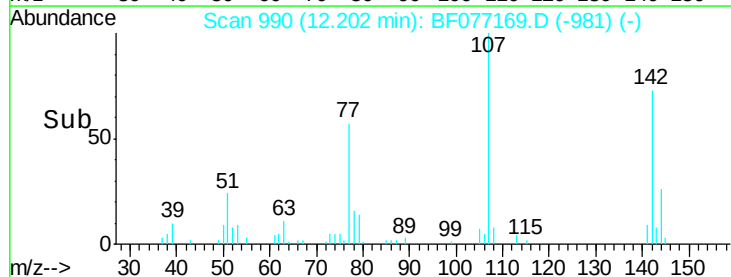
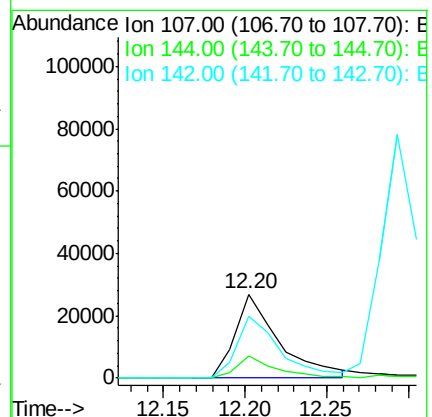
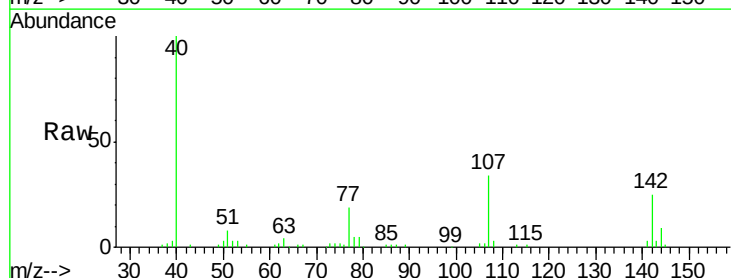
Instrument :
BNA_F
ClientSampleId :
PB81584BSD

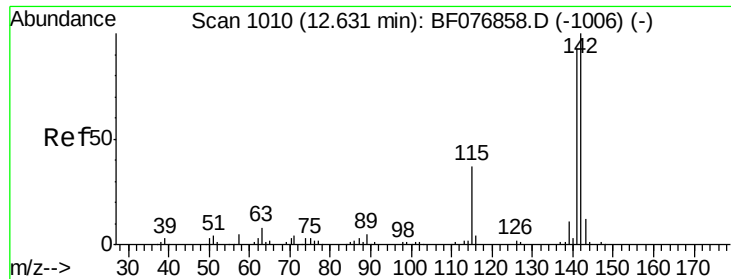
Tot Ion:113 Resp: 11342
Ion Ratio Lower Upper
113 100
55 180.9 162.1 202.1
56 133.1 133.7 173.7#



#36
4-Chloro-3-methylphenol
Concen: 34.73 ng
RT: 12.20 min Scan# 990
Delta R.T. 0.00 min
Lab File: BF077169.D
Acq: 3 Feb 2015 19:27

Tgt Ion:107 Resp: 49999
Ion Ratio Lower Upper
107 100
144 26.3 20.0 30.0
142 73.5 63.5 95.3

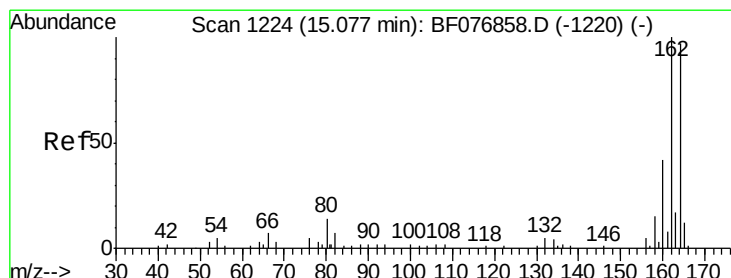
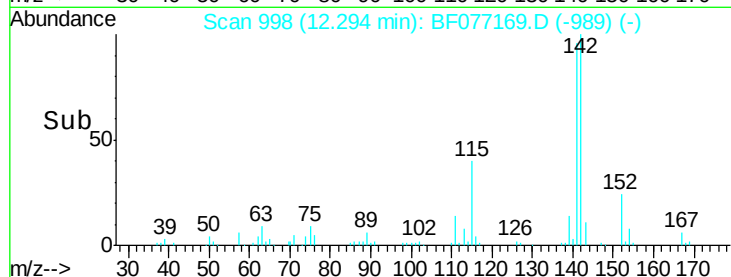
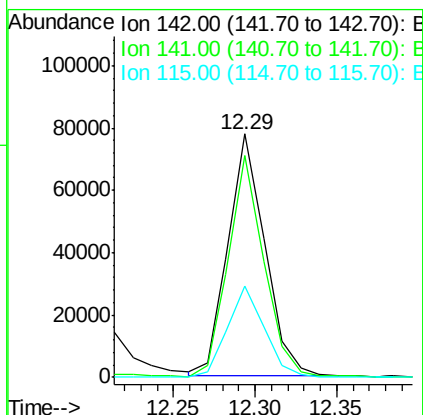
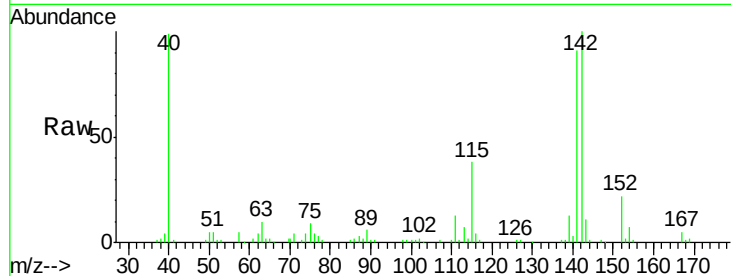




#37
2-Methylnaphthalene
Concen: 36.25 ng
RT: 12.29 min Scan# 998
Delta R.T. 0.00 min
Lab File: BF077169.D
Acq: 3 Feb 2015 19:27

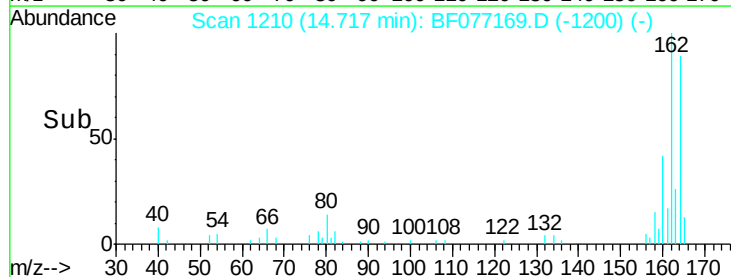
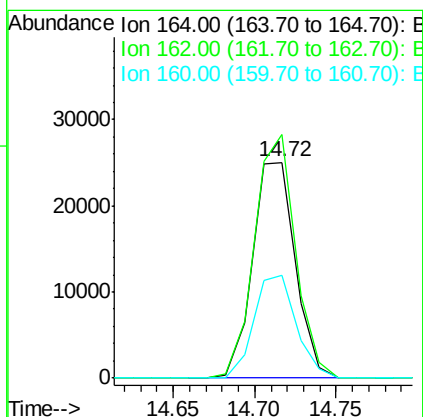
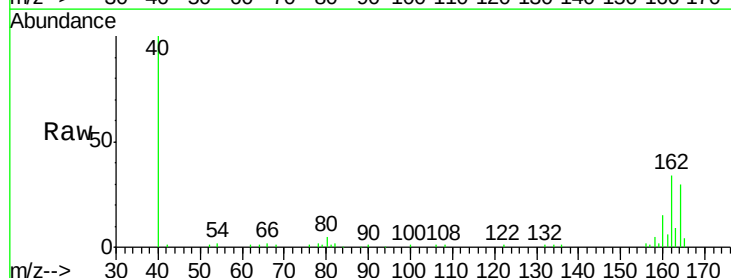
Instrument :
BNA_F
ClientSampleId :
PB81584BSD

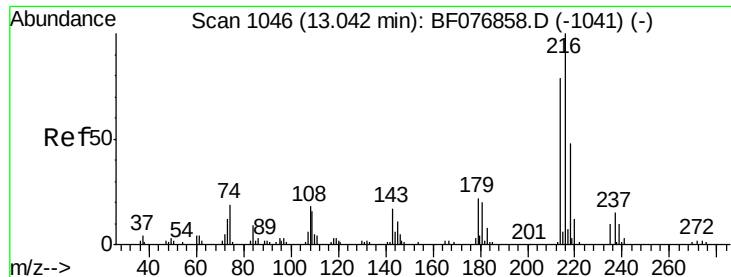
Tot Ion:142 Resp: 120916
Ion Ratio Lower Upper
142 100
141 91.1 74.5 111.7
115 37.7 29.7 44.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.72 min Scan# 1210
Delta R.T. 0.01 min
Lab File: BF077169.D
Acq: 3 Feb 2015 19:27

Tgt Ion:164 Resp: 45611
Ion Ratio Lower Upper
164 100
162 112.9 82.4 123.6
160 47.6 34.8 52.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.08 ng

RT: 12.69 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BF077169.D

Acq: 3 Feb 2015 19:27

Instrument :

BNA_F

ClientSampleId :

PB81584BSD

Tot Ion:216 Resp: 47452

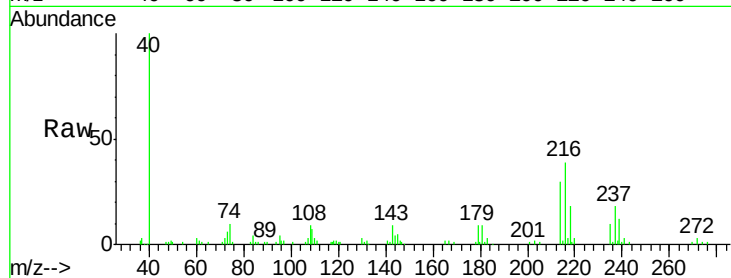
Ion Ratio Lower Upper

216 100

214 78.4 64.9 97.3

179 23.5 18.6 28.0

108 24.2 18.1 27.1

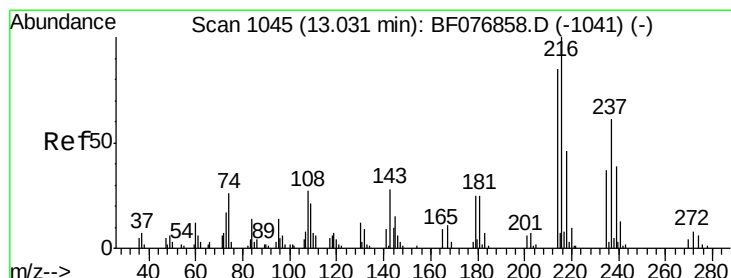
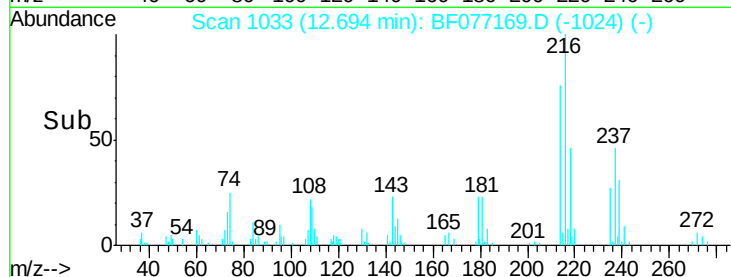
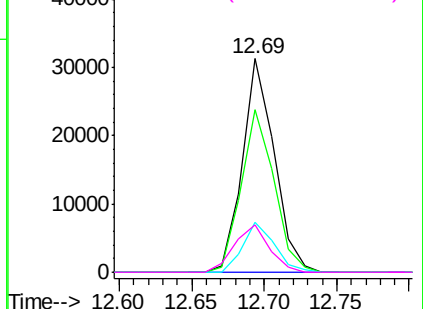


Abundance Ion 216.00 (215.70 to 216.70): E

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: 78.71 ng

RT: 12.68 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF077169.D

Acq: 3 Feb 2015 19:27

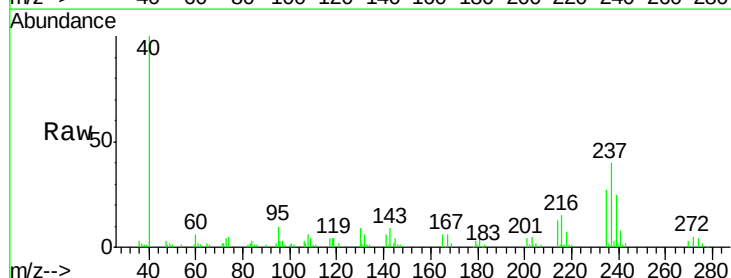
Tgt Ion:237 Resp: 47733

Ion Ratio Lower Upper

237 100

235 66.2 40.4 80.4

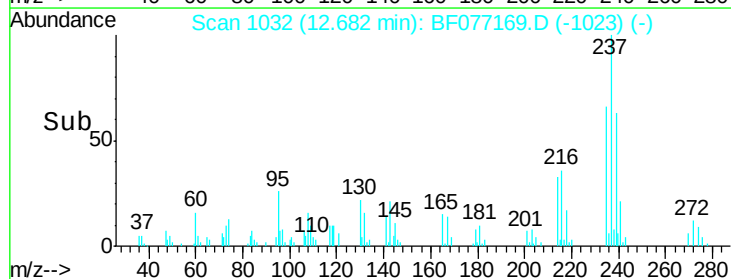
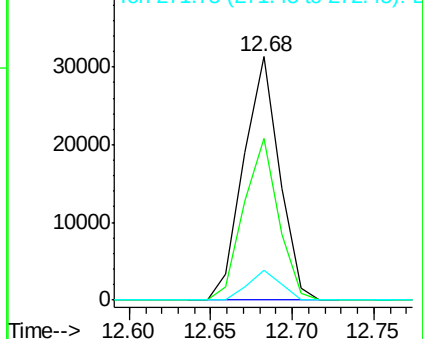
272 12.5 0.0 33.2

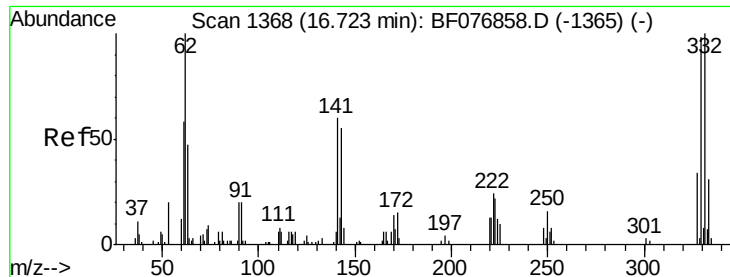


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

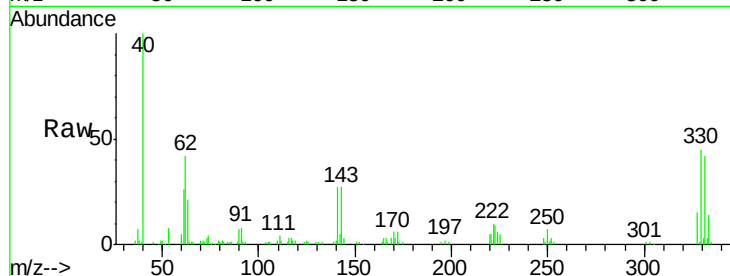




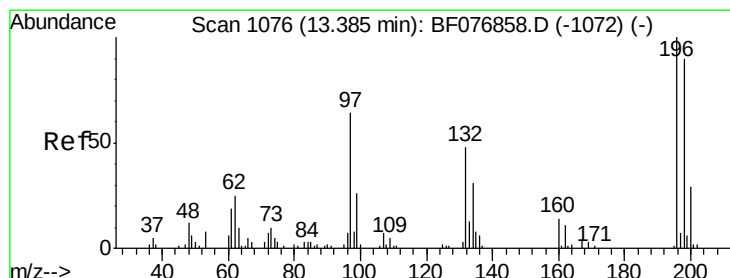
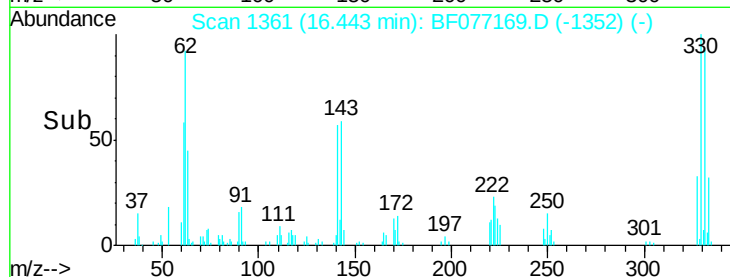
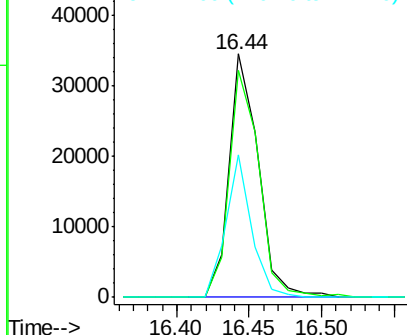
#41
 2,4,6-Tribromophenol
 Concen: 130.14 ng
 RT: 16.44 min Scan# 1361
 Delta R.T. 0.00 min
 Lab File: BF077169.D
 Acq: 3 Feb 2015 19:27

Instrument :
 BNA_F
 ClientSampleId :
 PB81584BSD

Tot Ion:330 Resp: 48183
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.8 116.6
 141 51.5 38.5 57.7

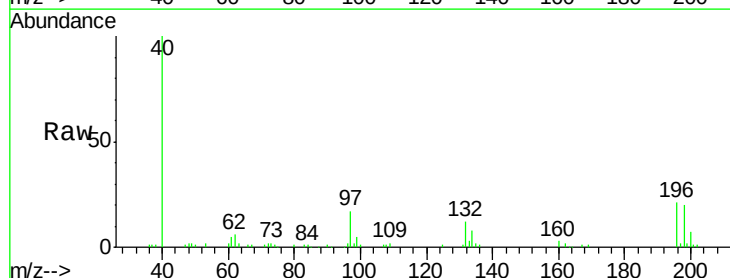


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

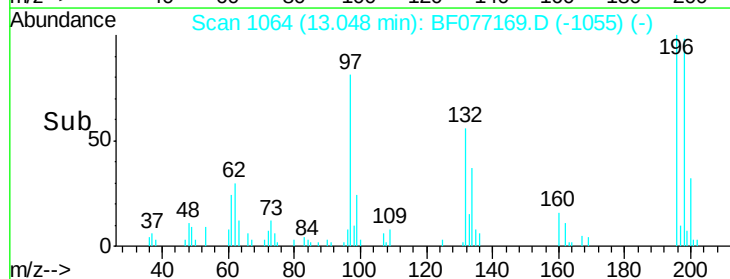
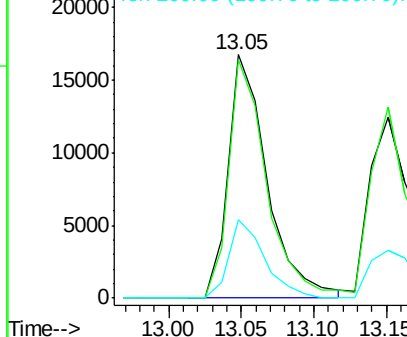


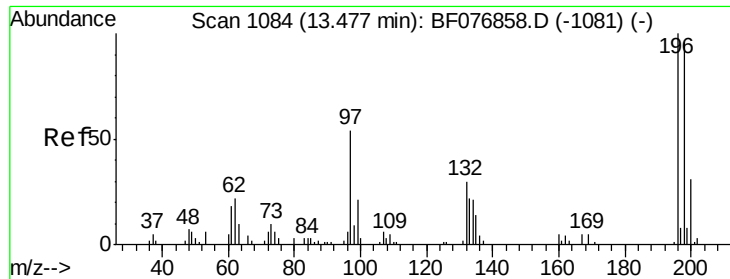
#42
 2,4,6-Trichlorophenol
 Concen: 38.01 ng
 RT: 13.05 min Scan# 1064
 Delta R.T. 0.00 min
 Lab File: BF077169.D
 Acq: 3 Feb 2015 19:27

Tgt Ion:196 Resp: 31230
 Ion Ratio Lower Upper
 196 100
 198 97.9 72.0 108.0
 200 32.3 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

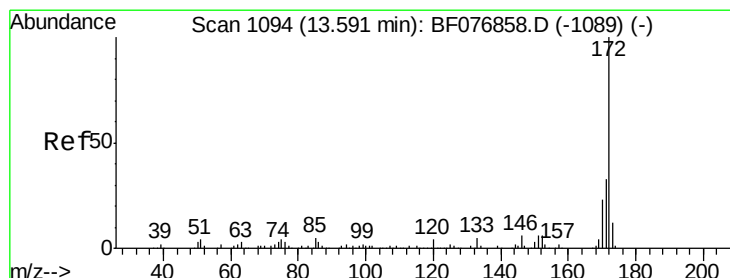
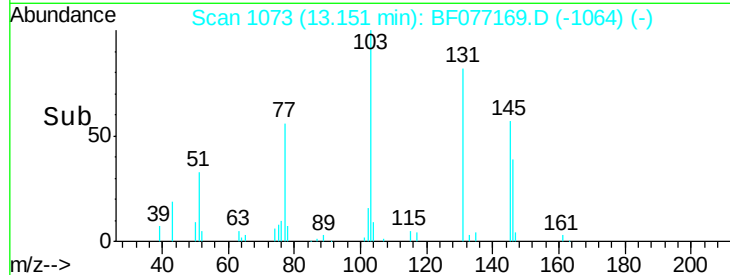
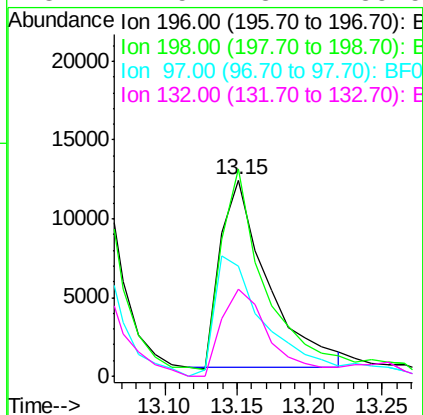
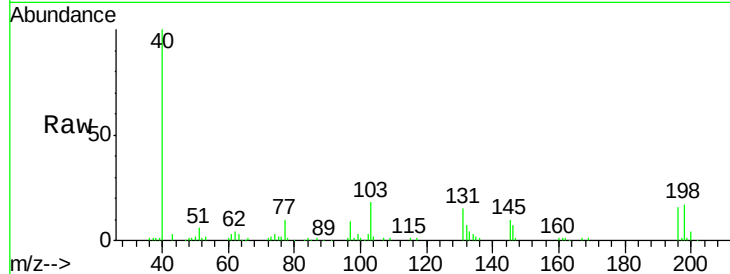




#43
 2,4,5-Trichlorophenol
 Concen: 32.40 ng
 RT: 13.15 min Scan# 1073
 Delta R.T. 0.00 min
 Lab File: BF077169.D
 Acq: 3 Feb 2015 19:27

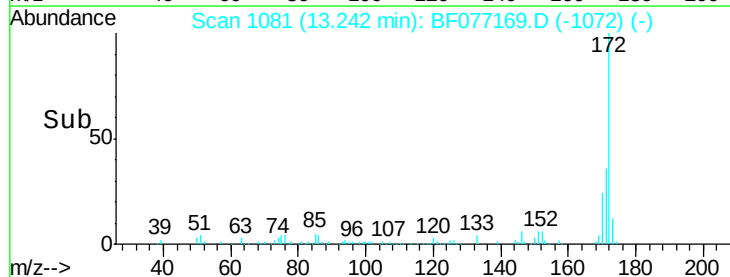
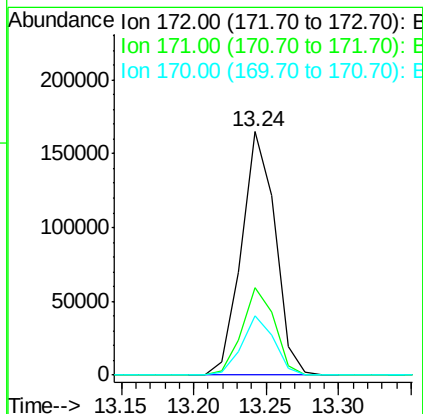
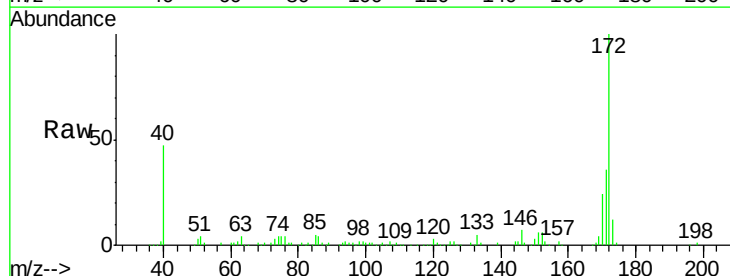
Instrument :
 BNA_F
 ClientSampleId :
 PB81584BSD

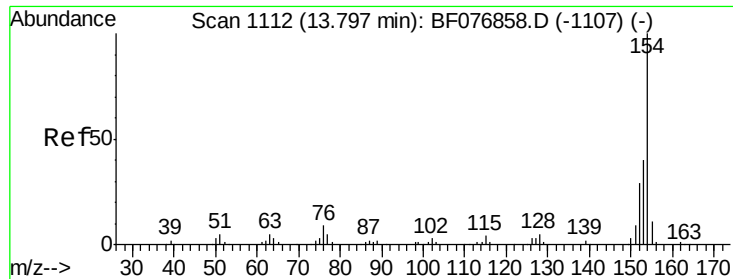
Tot Ion:	196	Resp:	27155
Ion	Ratio	Lower	Upper
196	100		
198	105.7	76.6	115.0
97	56.0	43.4	65.0
132	44.5	23.7	35.5#



#44
 2-Fluorobiphenyl
 Concen: 88.67 ng
 RT: 13.24 min Scan# 1081
 Delta R.T. 0.00 min
 Lab File: BF077169.D
 Acq: 3 Feb 2015 19:27

Tgt Ion:	172	Resp:	265750
Ion	Ratio	Lower	Upper
172	100		
171	36.1	26.6	40.0
170	24.2	18.0	27.0

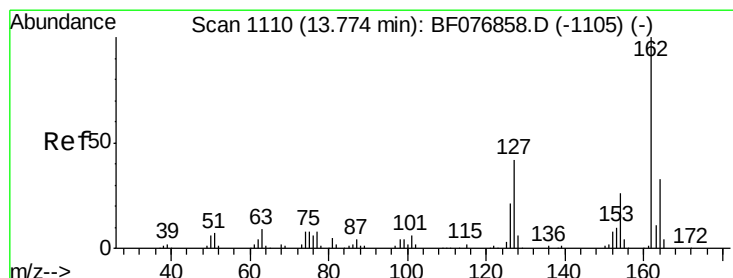
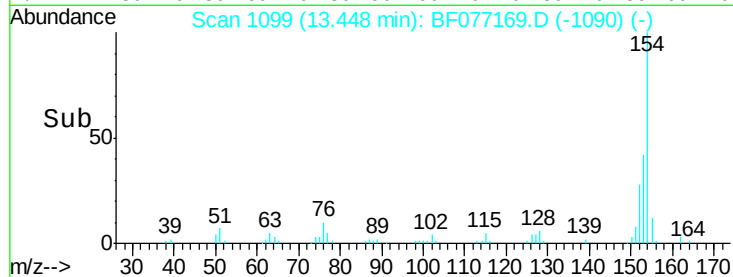
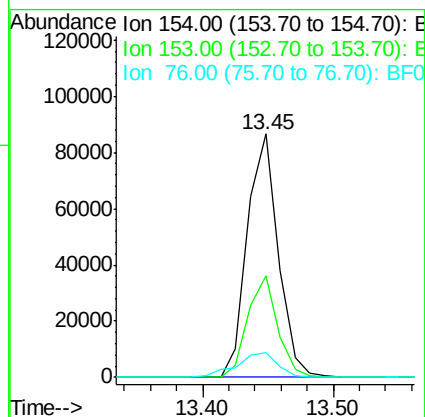
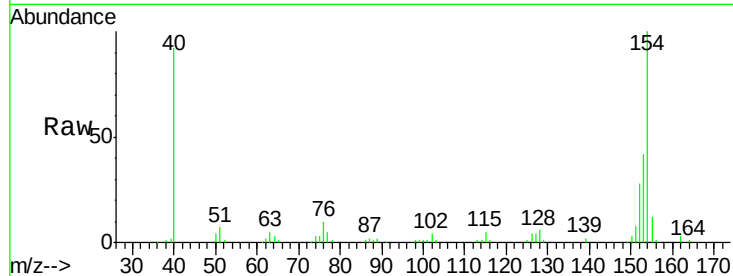




#45
 1,1'-Biphenyl
 Concen: 42.26 ng
 RT: 13.45 min Scan# 1099
 Delta R.T. 0.00 min
 Lab File: BF077169.D
 Acq: 3 Feb 2015 19:27

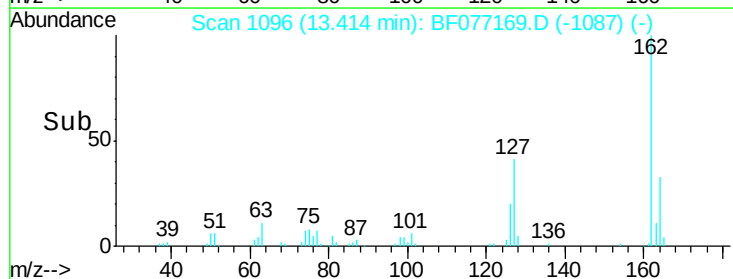
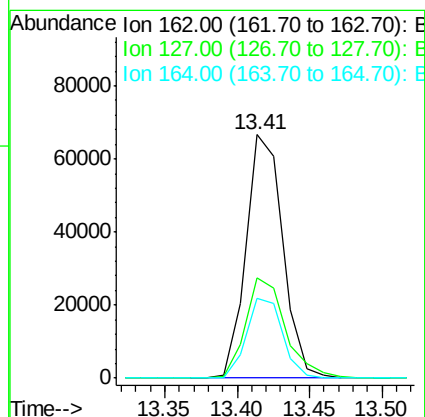
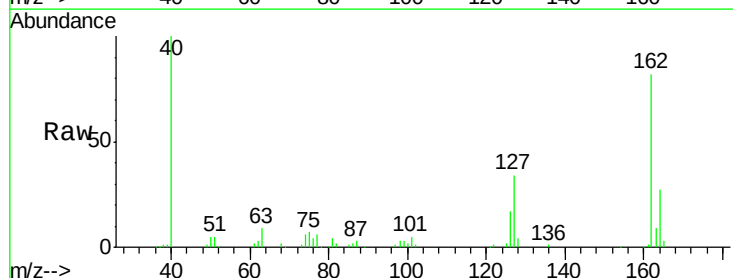
Instrument :
 BNA_F
 ClientSampleId :
 PB81584BSD

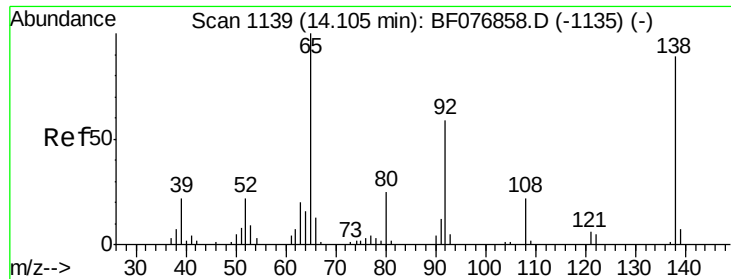
Tot Ion:154 Resp: 142877
 Ion Ratio Lower Upper
 154 100
 153 41.8 20.2 60.2
 76 10.1 0.0 29.0



#46
 2-Chloronaphthalene
 Concen: 42.07 ng
 RT: 13.41 min Scan# 1096
 Delta R.T. 0.00 min
 Lab File: BF077169.D
 Acq: 3 Feb 2015 19:27

Tgt Ion:162 Resp: 117063
 Ion Ratio Lower Upper
 162 100
 127 41.2 33.8 50.6
 164 32.9 26.8 40.2

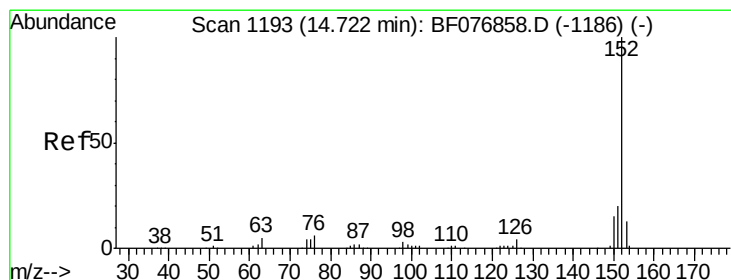
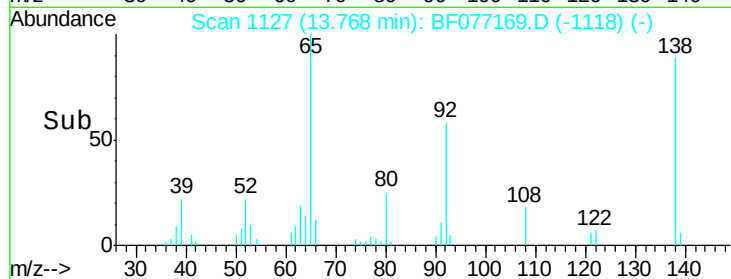
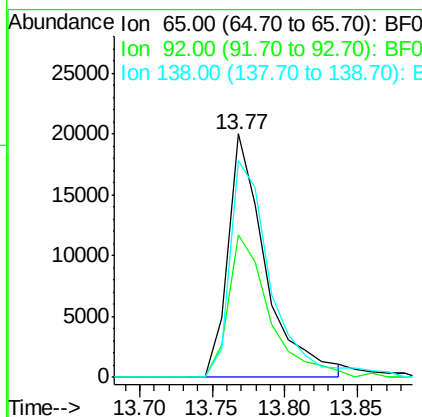
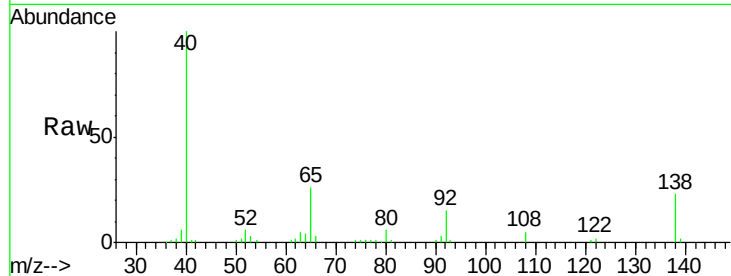




#47
2-Nitroaniline
Concen: 42.87 ng
RT: 13.77 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BF077169.D
Acq: 3 Feb 2015 19:27

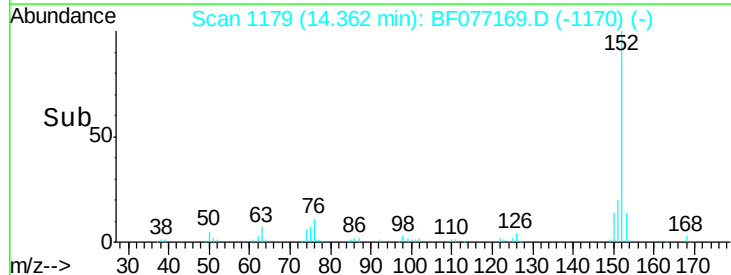
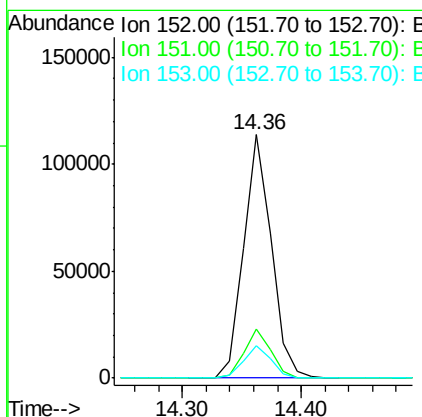
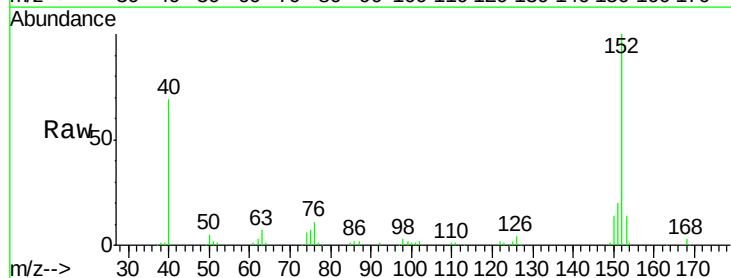
Instrument :
BNA_F
ClientSampled :
PB81584BSD

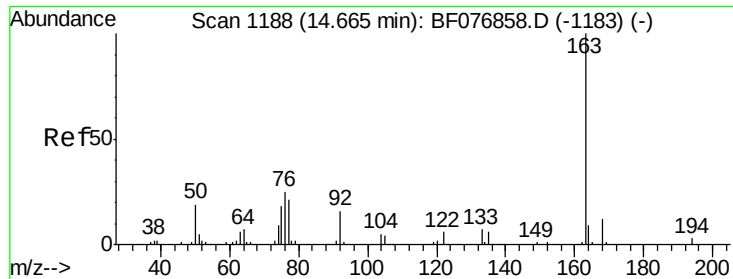
Tot Ion: 65 Resp: 36186
Ion Ratio Lower Upper
65 100
92 58.4 47.3 70.9
138 88.8 71.4 107.2



#48
Acenaphthylene
Concen: 39.70 ng
RT: 14.36 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BF077169.D
Acq: 3 Feb 2015 19:27

Tgt Ion: 152 Resp: 186309
Ion Ratio Lower Upper
152 100
151 20.0 15.9 23.9
153 13.5 10.2 15.4

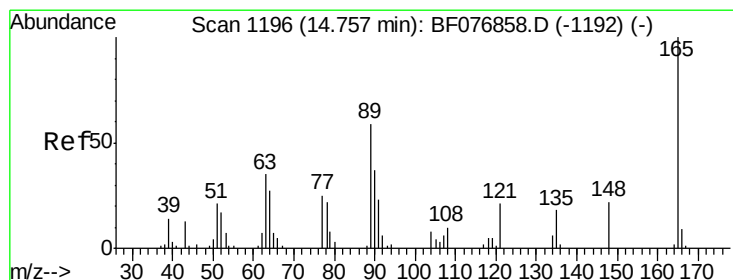
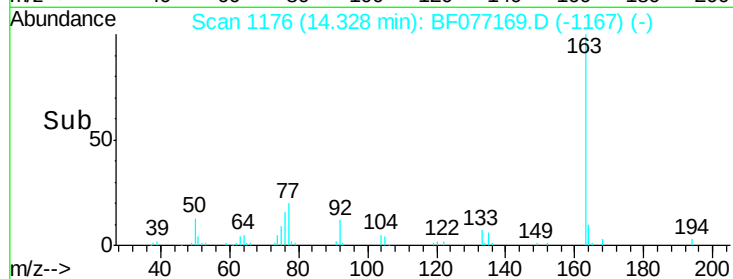
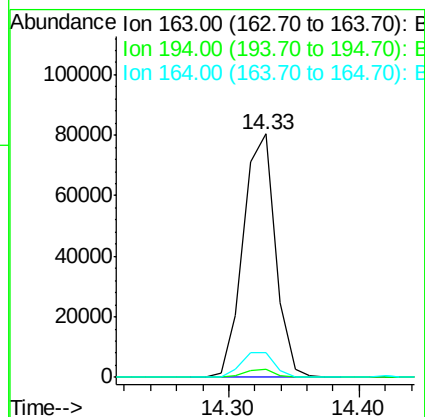
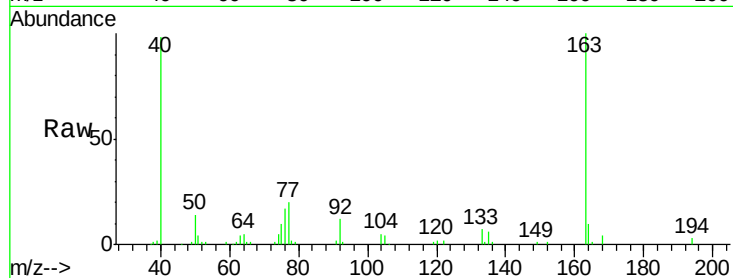




#49
Dimethylphthalate
Concen: 42.80 ng
RT: 14.33 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BF077169.D
Acq: 3 Feb 2015 19:27

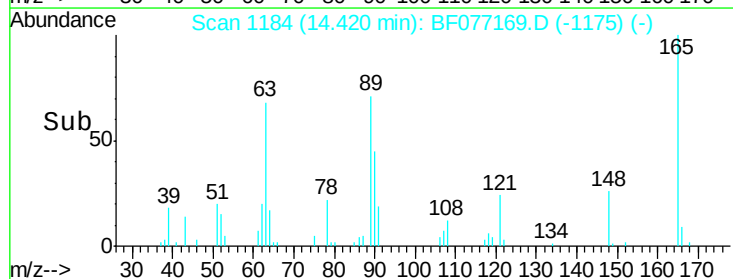
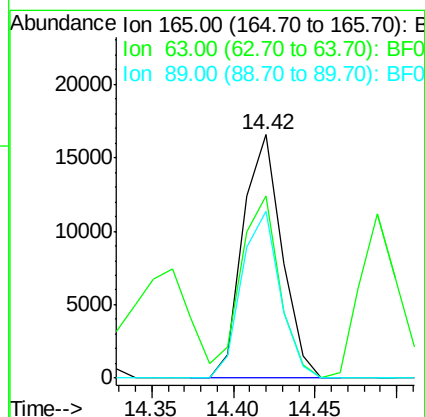
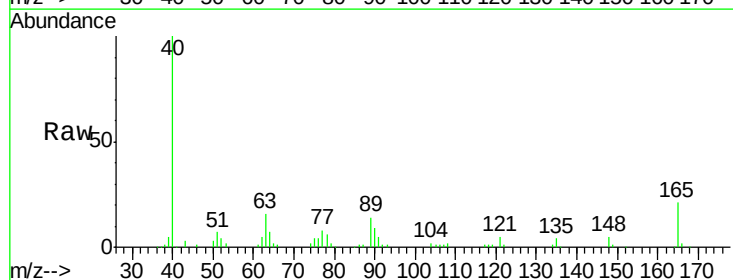
Instrument :
BNA_F
ClientSampleId :
PB81584BSD

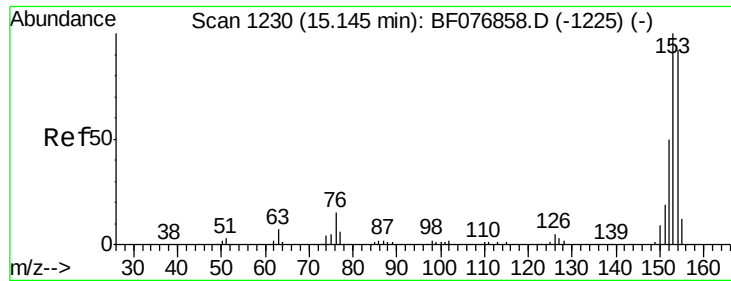
Tot Ion:163 Resp: 138449
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.0 7.5 11.3



#50
2,6-Dinitrotoluene
Concen: 42.35 ng
RT: 14.42 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF077169.D
Acq: 3 Feb 2015 19:27

Tgt Ion:165 Resp: 27372
Ion Ratio Lower Upper
165 100
63 75.0 48.1 72.1#
89 68.6 47.2 70.8





#51

Acenaphthene

Concen: 39.51 ng

RT: 14.79 min Scan# 1216

Delta R.T. 0.00 min

Lab File: BF077169.D

Acq: 3 Feb 2015 19:27

Instrument :

BNA_F

ClientSampleId :

PB81584BSD

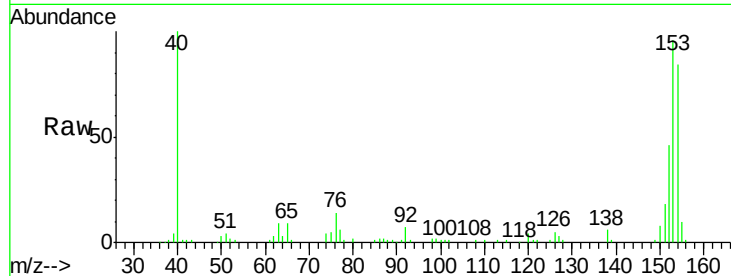
Tot Ion:154 Resp: 105211

Ion Ratio Lower Upper

154 100

153 114.1 87.0 130.6

152 55.0 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

100000

80000

60000

40000

20000

0

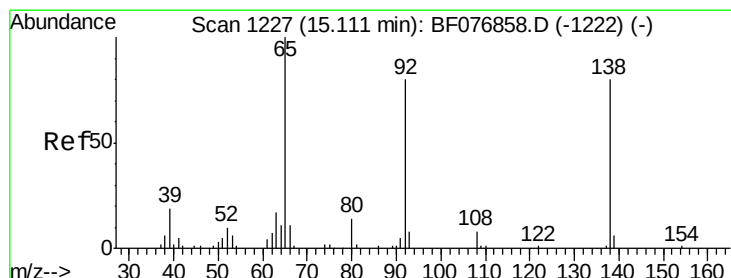
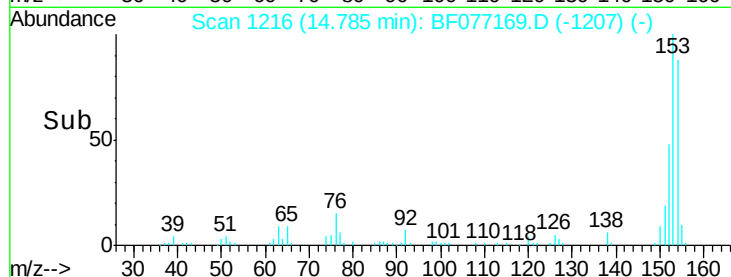
14.79

14.75

14.80

14.85

Time-->



#52

3-Nitroaniline

Concen: 26.21 ng

RT: 14.77 min Scan# 1215

Delta R.T. 0.01 min

Lab File: BF077169.D

Acq: 3 Feb 2015 19:27

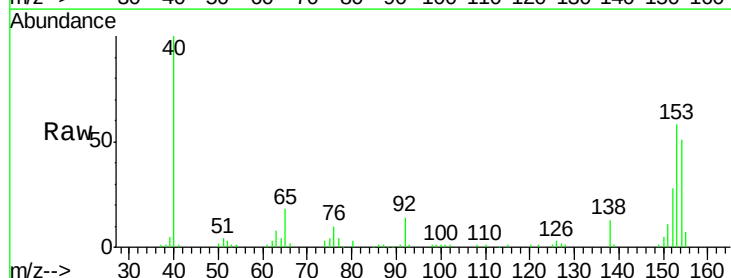
Tgt Ion:138 Resp: 21399

Ion Ratio Lower Upper

138 100

108 9.3 8.3 12.5

92 108.2 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

15000

10000

5000

0

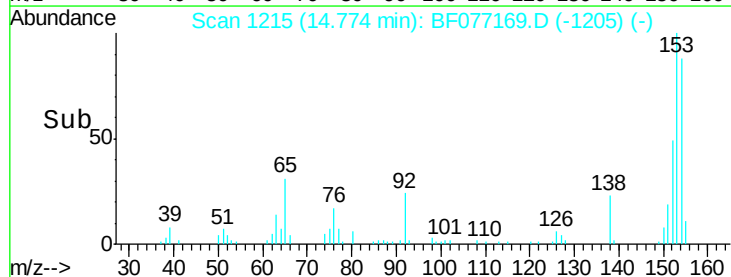
14.77

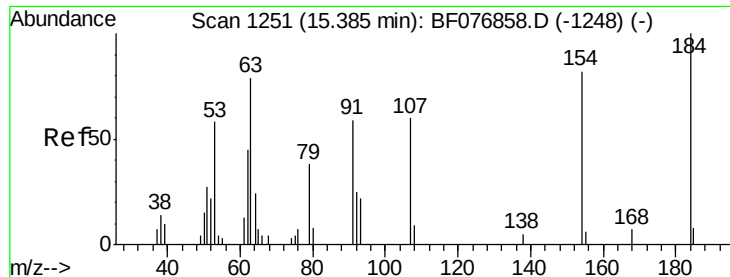
14.75

14.80

14.85

Time-->

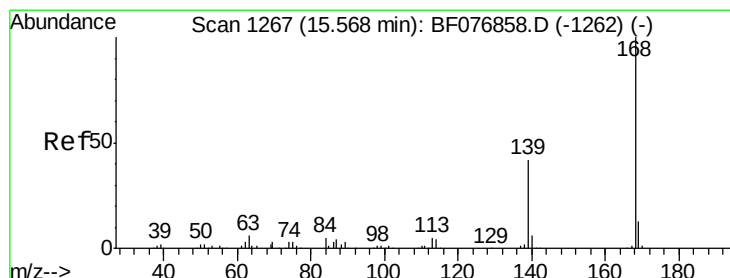
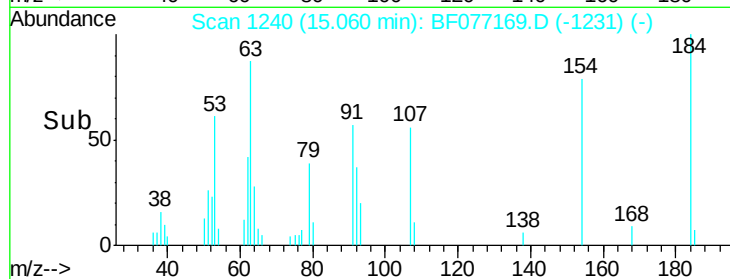
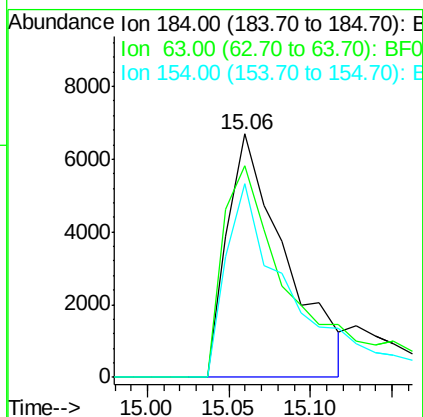
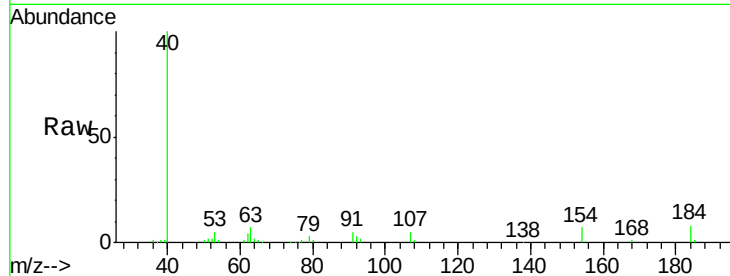




#53
2,4-Dinitrophenol
Concen: 58.73 ng
RT: 15.06 min Scan# 1240
Delta R.T. 0.00 min
Lab File: BF077169.D
Acq: 3 Feb 2015 19:27

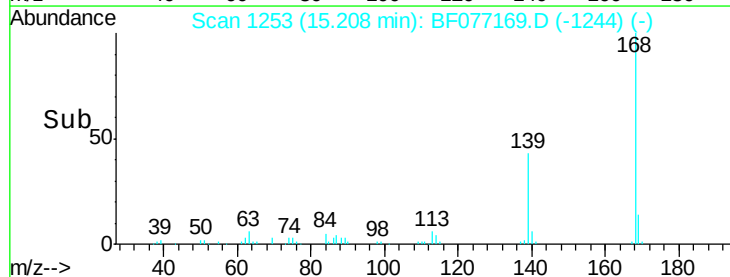
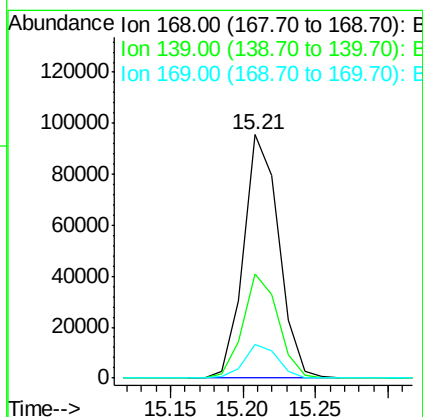
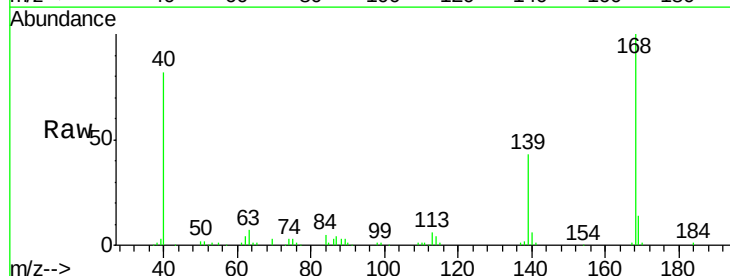
Instrument :
BNA_F
ClientSampleId :
PB81584BSD

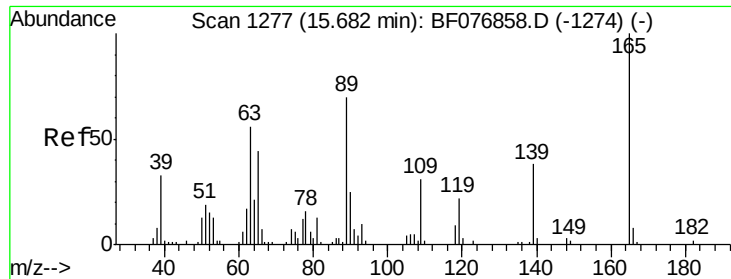
Tot Ion:184 Resp: 16701
Ion Ratio Lower Upper
184 100
63 86.8 63.0 94.6
154 79.4 65.5 98.3



#54
Dibenzofuran
Concen: 41.46 ng
RT: 15.21 min Scan# 1253
Delta R.T. 0.00 min
Lab File: BF077169.D
Acq: 3 Feb 2015 19:27

Tgt Ion:168 Resp: 160808
Ion Ratio Lower Upper
168 100
139 42.8 33.4 50.2
169 13.7 10.6 15.8

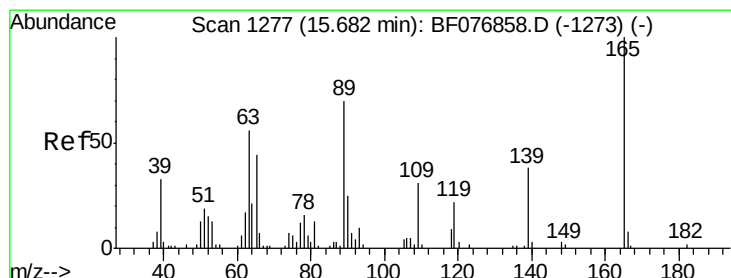
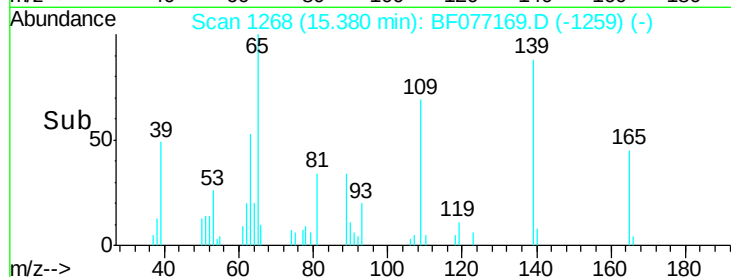
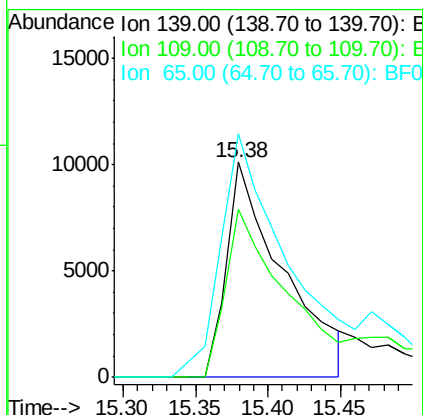
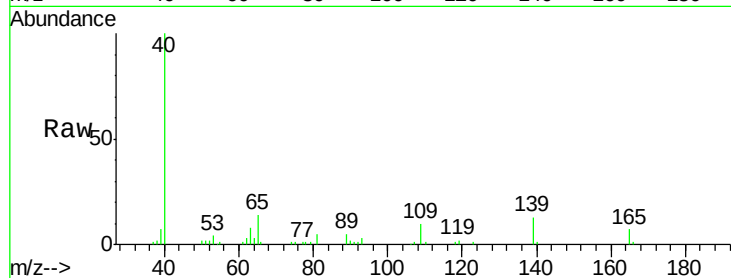




#55
4-Nitrophenol
Concen: 53.74 ng
RT: 15.38 min Scan# 1268
Delta R.T. 0.00 min
Lab File: BF077169.D
Acq: 3 Feb 2015 19:27

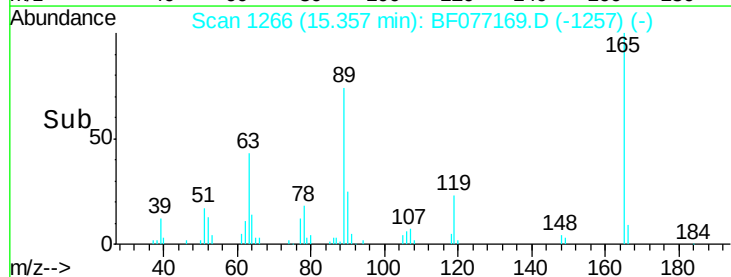
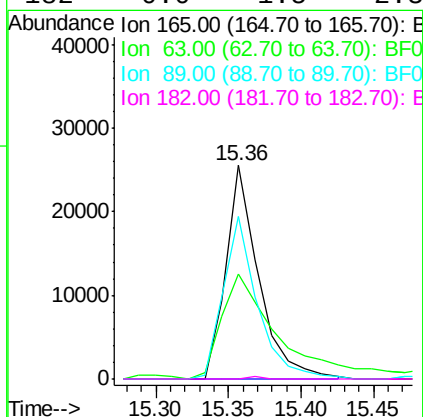
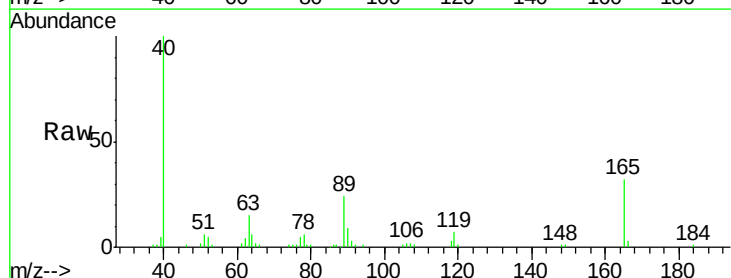
Instrument :
BNA_F
ClientSampleId :
PB81584BSD

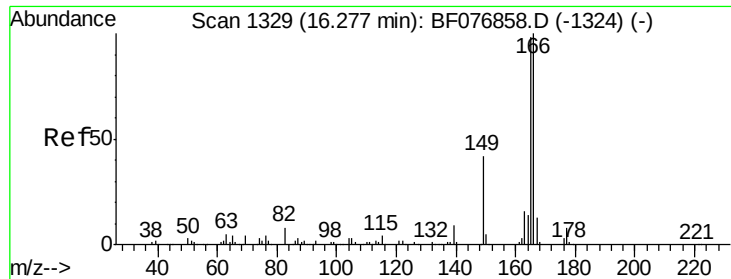
Tot Ion:139 Resp: 27247
Ion Ratio Lower Upper
139 100
109 78.1 61.0 101.0
65 113.1 96.6 136.6



#56
2,4-Dinitrotoluene
Concen: 41.85 ng
RT: 15.36 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BF077169.D
Acq: 3 Feb 2015 19:27

Tgt Ion:165 Resp: 40267
Ion Ratio Lower Upper
165 100
63 49.1 44.8 67.2
89 76.1 56.2 84.2
182 0.0 1.5 2.3#

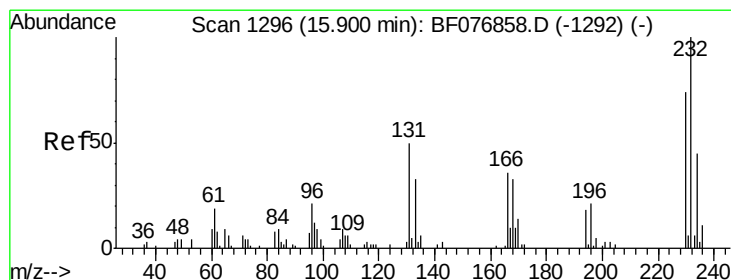
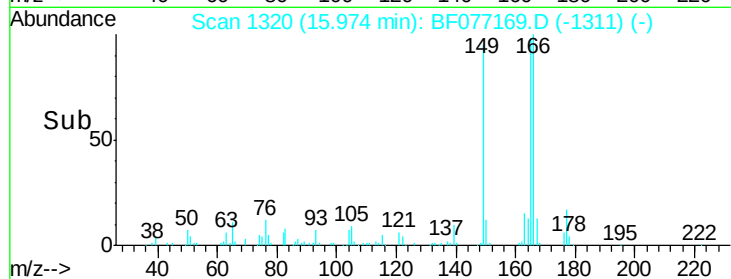
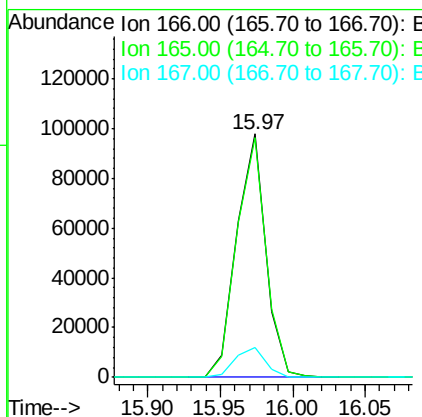
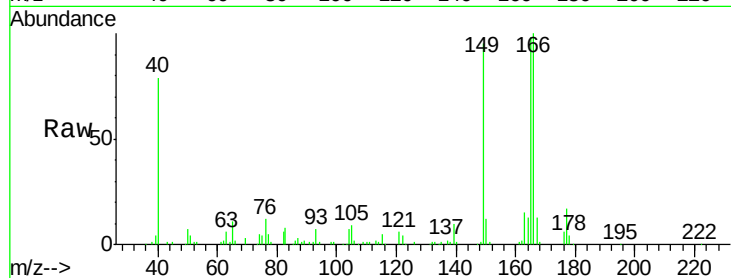




#57
 Fluorene
 Concen: 41.58 ng
 RT: 15.97 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: BF077169.D
 Acq: 3 Feb 2015 19:27

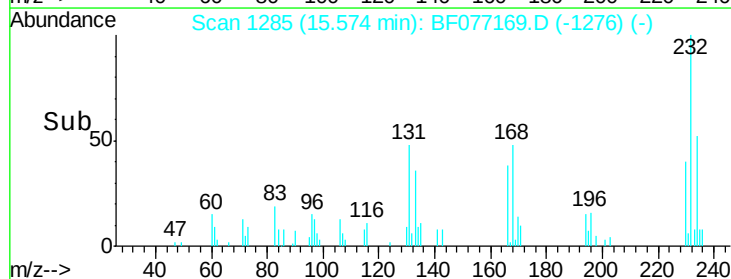
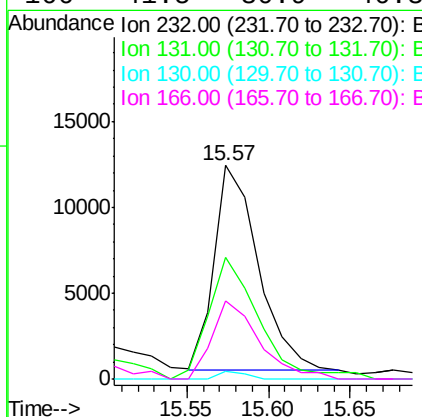
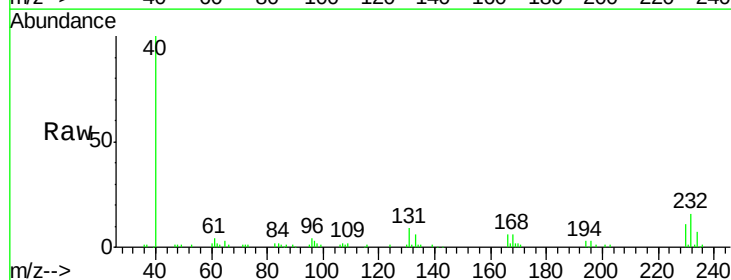
Instrument :
 BNA_F
 ClientSampleId :
 PB81584BSD

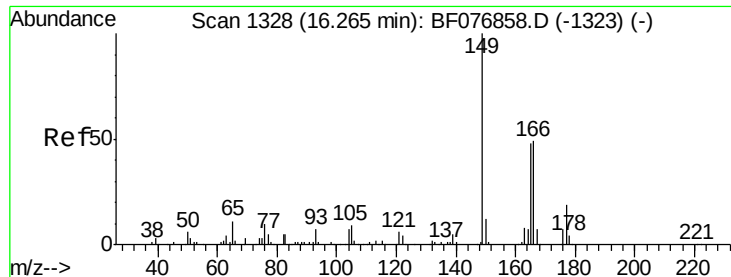
Tot Ion:166 Resp: 136665
 Ion Ratio Lower Upper
 166 100
 165 98.3 78.5 117.7
 167 12.5 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 36.26 ng
 RT: 15.57 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: BF077169.D
 Acq: 3 Feb 2015 19:27

Tgt Ion:232 Resp: 22124
 Ion Ratio Lower Upper
 232 100
 131 66.4 45.0 67.6
 130 2.3 2.6 3.8#
 166 41.5 30.9 46.3

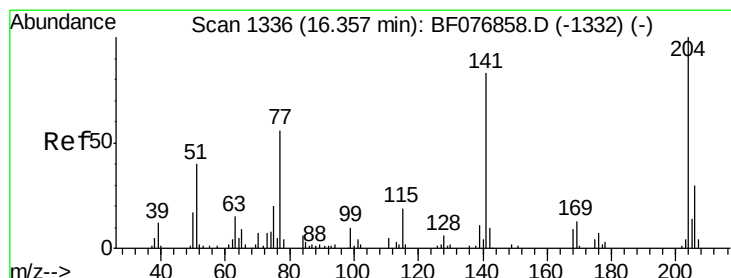
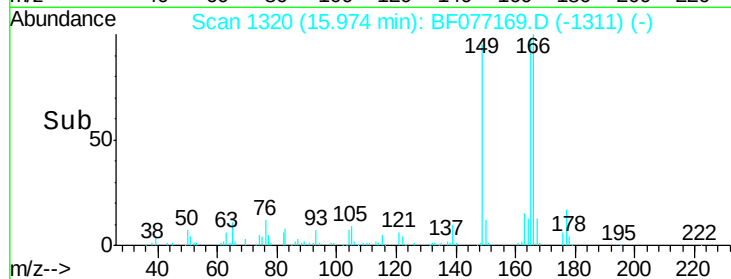
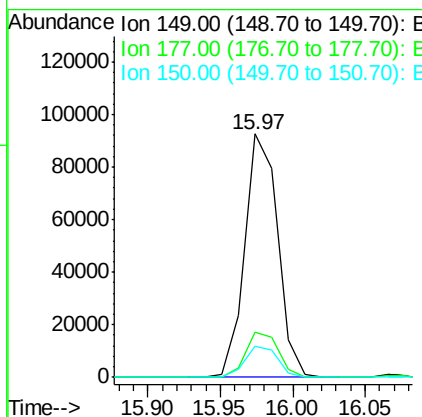
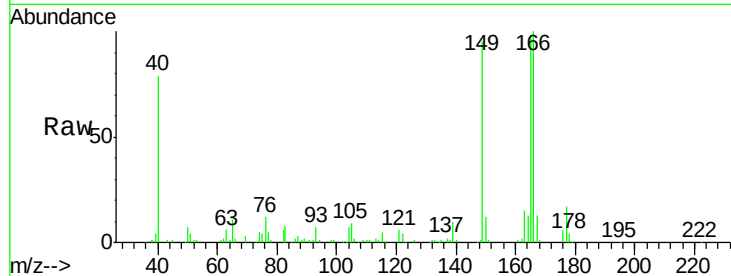




#59
Diethylphthalate
Concen: 44.49 ng
RT: 15.97 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF077169.D
Acq: 3 Feb 2015 19:27

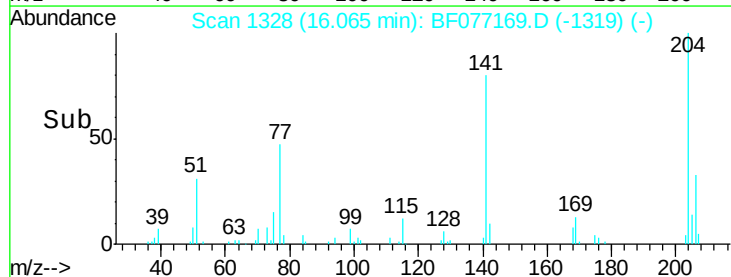
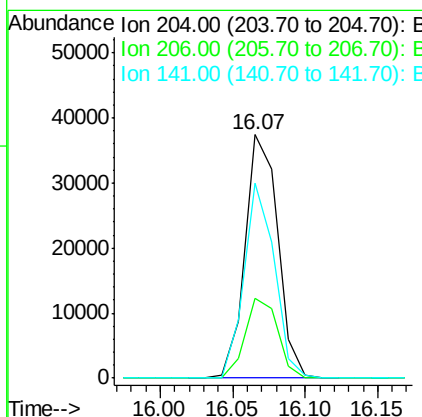
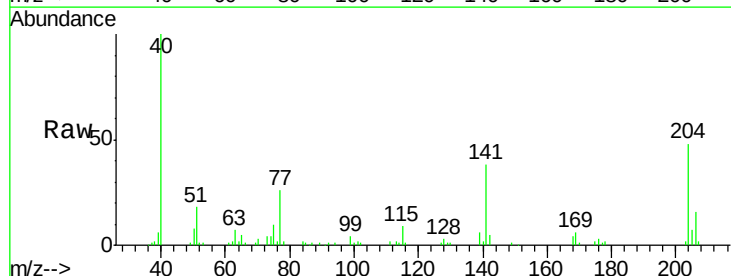
Instrument :
BNA_F
ClientSampleId :
PB81584BSD

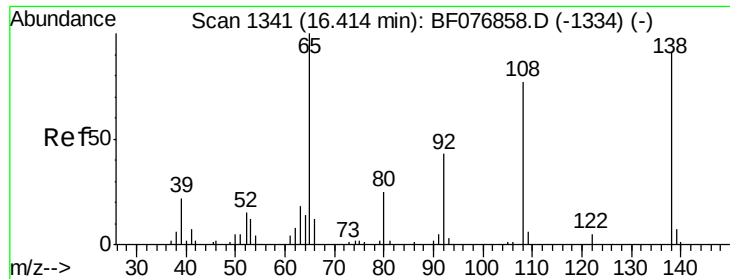
Tot Ion:149 Resp: 145431
Ion Ratio Lower Upper
149 100
177 18.5 15.0 22.6
150 12.7 9.4 14.0



#60
4-Chlorophenyl-phenylether
Concen: 43.37 ng
RT: 16.07 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF077169.D
Acq: 3 Feb 2015 19:27

Tgt Ion:204 Resp: 58321
Ion Ratio Lower Upper
204 100
206 32.8 24.2 36.2
141 79.9 66.7 100.1

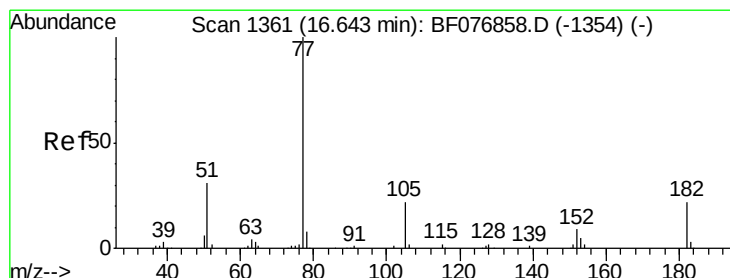
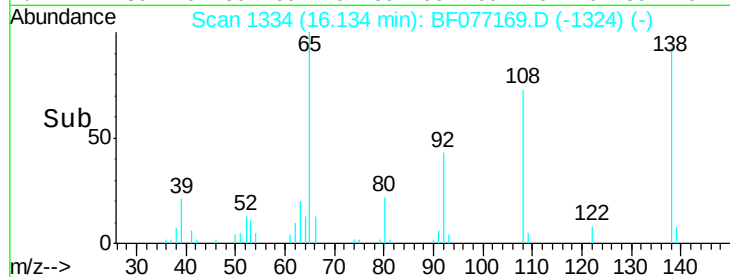
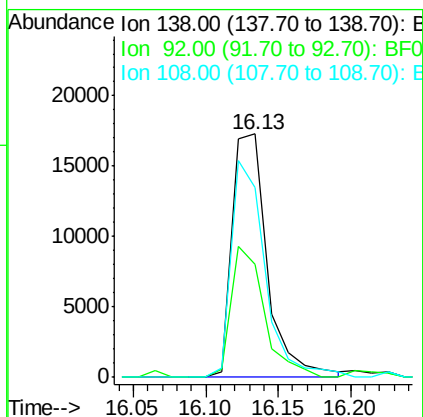
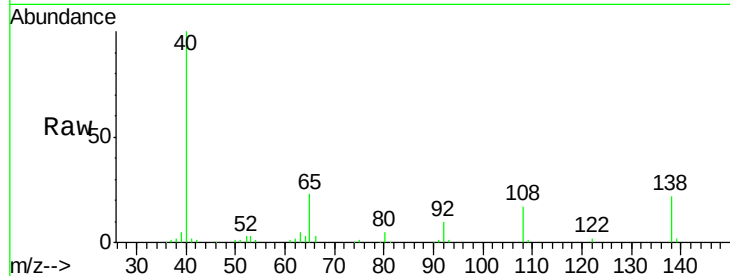




#61
4-Nitroaniline
Concen: 36.35 ng
RT: 16.13 min Scan# 1334
Delta R.T. 0.01 min
Lab File: BF077169.D
Acq: 3 Feb 2015 19:27

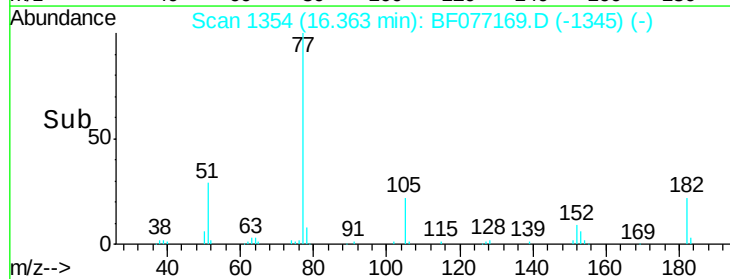
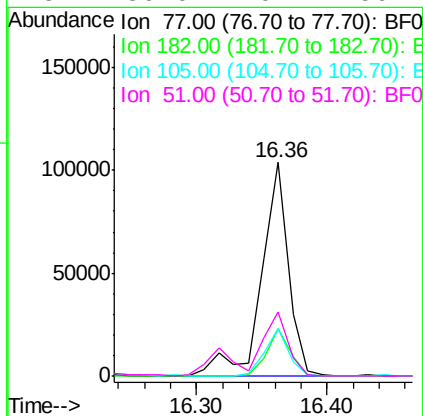
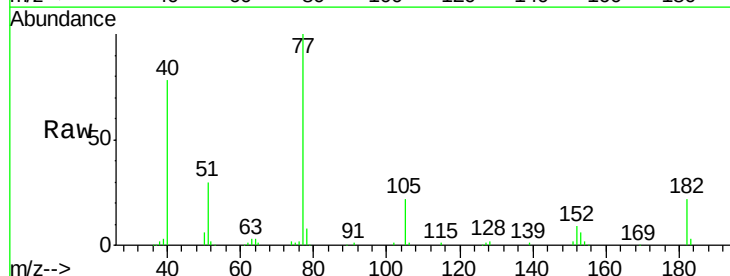
Instrument :
BNA_F
ClientSampleId :
PB81584BSD

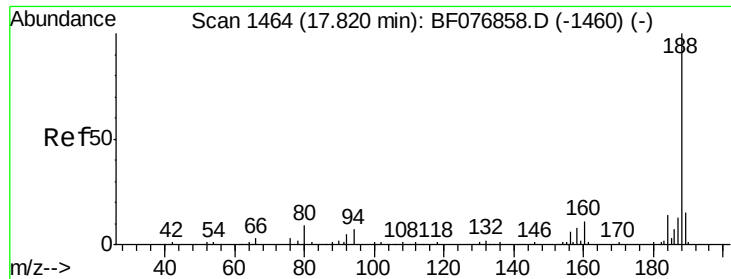
Tot Ion:138 Resp: 29320
Ion Ratio Lower Upper
138 100
92 46.3 26.7 66.7
108 78.1 64.5 104.5



#62
Azobenzene
Concen: 44.18 ng
RT: 16.36 min Scan# 1354
Delta R.T. 0.00 min
Lab File: BF077169.D
Acq: 3 Feb 2015 19:27

Tgt Ion: 77 Resp: 150473
Ion Ratio Lower Upper
77 100
182 22.3 2.0 42.0
105 22.2 2.3 42.3
51 30.0 10.7 50.7

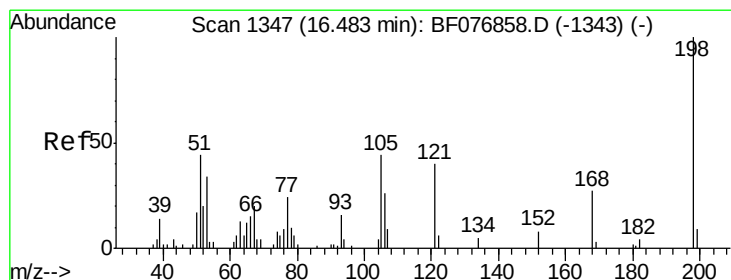
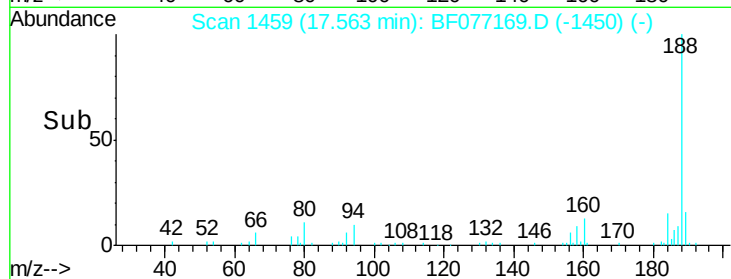
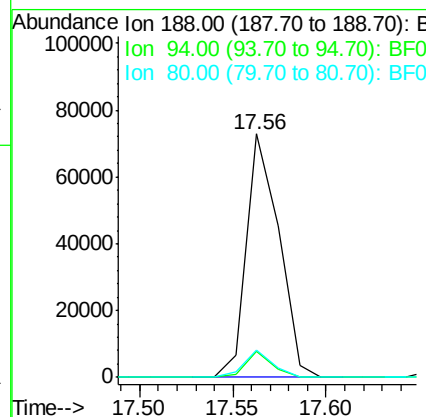
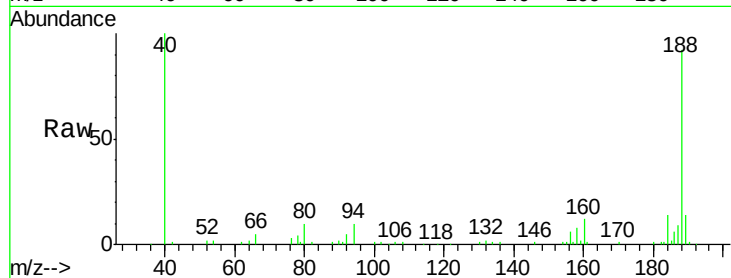




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.56 min Scan# 1459
 Delta R.T. 0.00 min
 Lab File: BF077169.D
 Acq: 3 Feb 2015 19:27

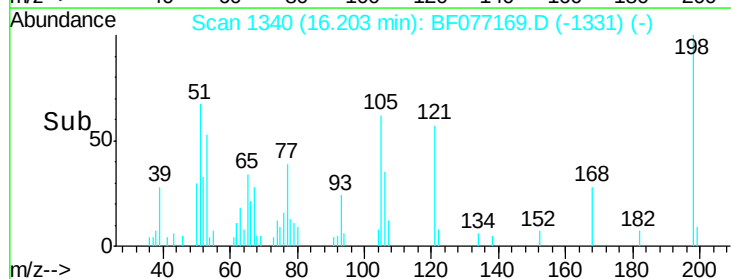
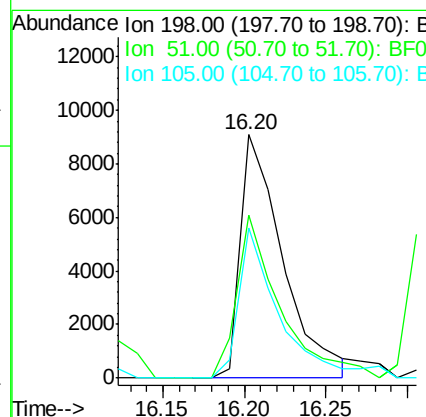
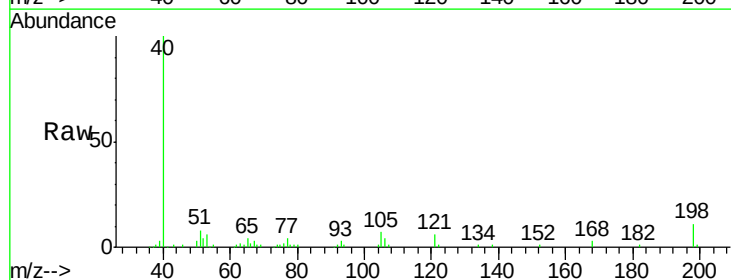
Instrument :
 BNA_F
 ClientSampleId :
 PB81584BSD

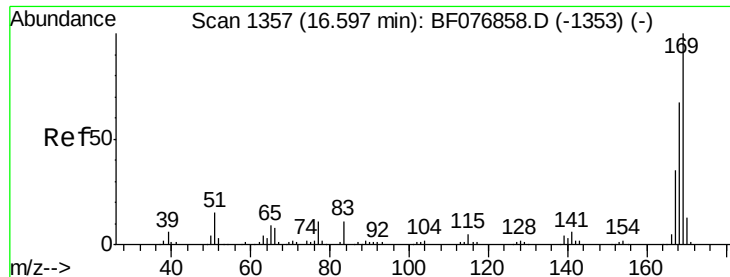
Tot Ion:188 Resp: 88000
 Ion Ratio Lower Upper
 188 100
 94 10.5 6.0 9.0#
 80 11.0 6.9 10.3#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 30.21 ng
 RT: 16.20 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: BF077169.D
 Acq: 3 Feb 2015 19:27

Tgt Ion:198 Resp: 16340
 Ion Ratio Lower Upper
 198 100
 51 66.8 24.2 64.2#
 105 61.8 24.0 64.0

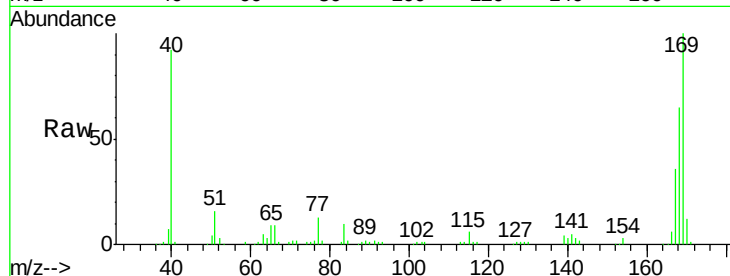




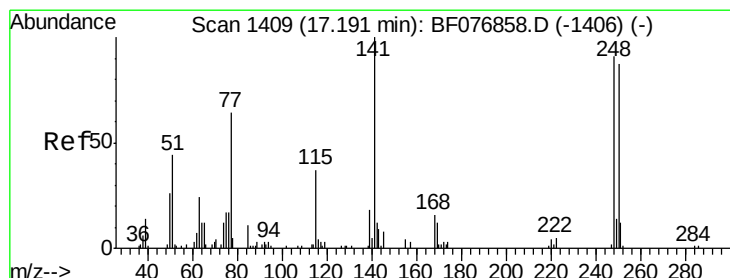
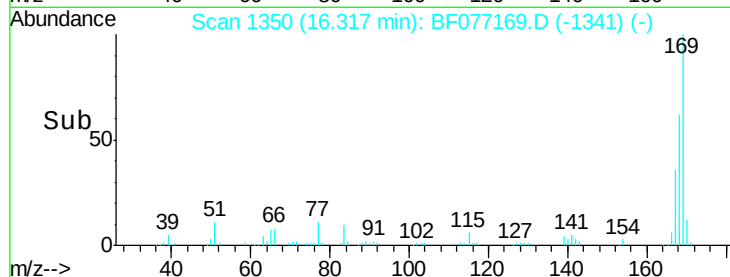
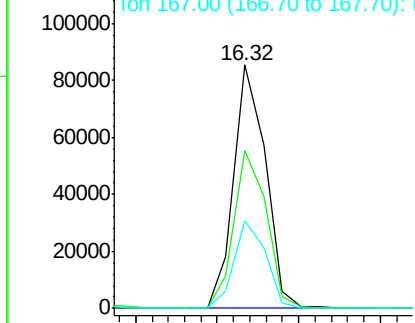
#65
 n-Nitrosodiphenylamine
 Concen: 36.71 ng
 RT: 16.32 min Scan# 1350
 Delta R.T. 0.00 min
 Lab File: BF077169.D
 Acq: 3 Feb 2015 19:27

Instrument :
 BNA_F
 ClientSampleId :
 PB81584BSD

Tot Ion:169 Resp: 115186
 Ion Ratio Lower Upper
 169 100
 168 64.8 53.8 80.6
 167 35.7 27.8 41.6

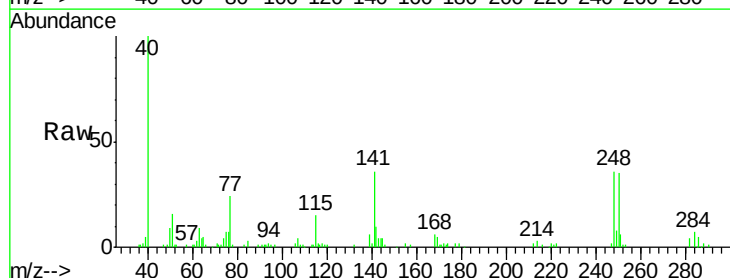


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

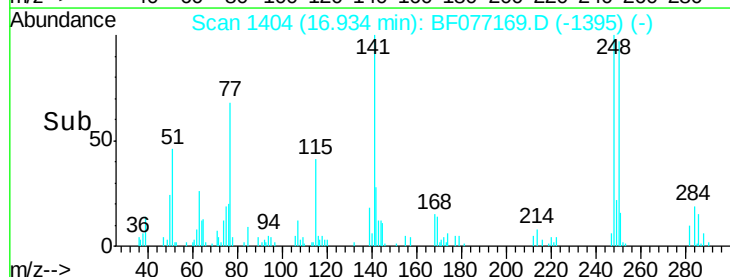
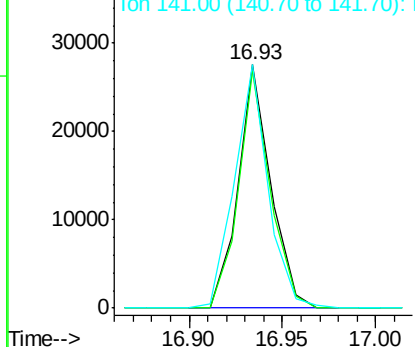


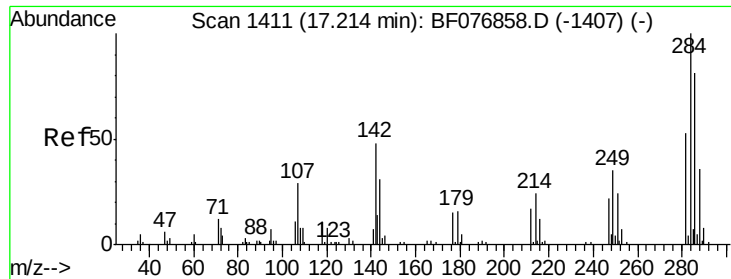
#66
 4-Bromophenyl-phenylether
 Concen: 37.54 ng
 RT: 16.93 min Scan# 1404
 Delta R.T. 0.00 min
 Lab File: BF077169.D
 Acq: 3 Feb 2015 19:27

Tgt Ion:248 Resp: 33466
 Ion Ratio Lower Upper
 248 100
 250 97.2 77.1 115.7
 141 100.0 88.2 132.4



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

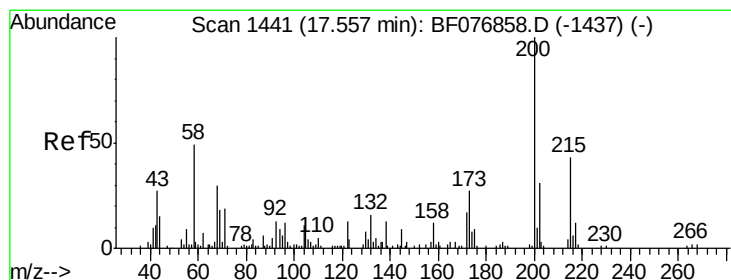
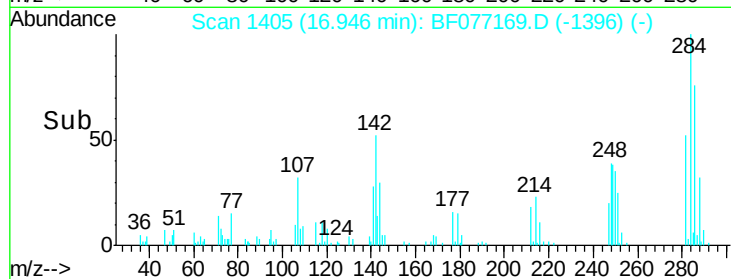
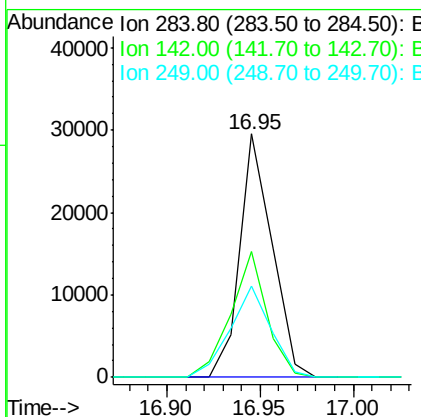
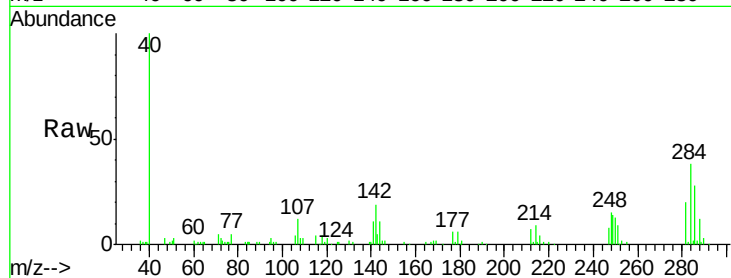




#67
Hexachlorobenzene
Concen: 37.89 ng
RT: 16.95 min Scan# 1405
Delta R.T. 0.00 min
Lab File: BF077169.D
Acq: 3 Feb 2015 19:27

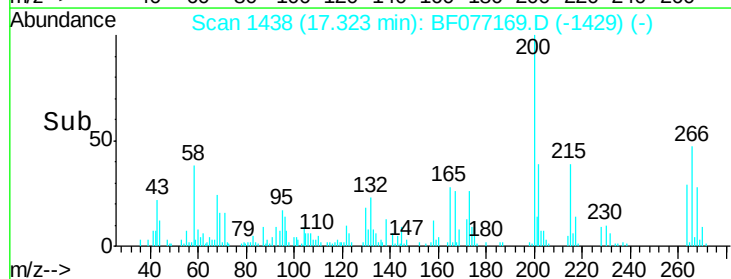
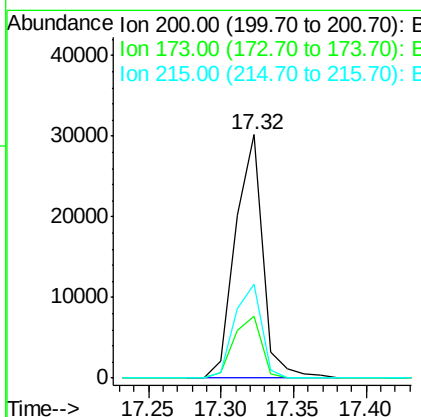
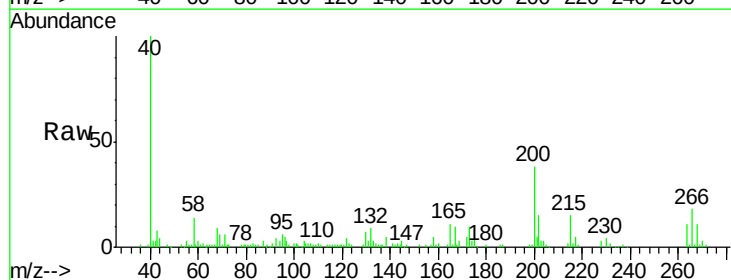
Instrument :
BNA_F
ClientSampleId :
PB81584BSD

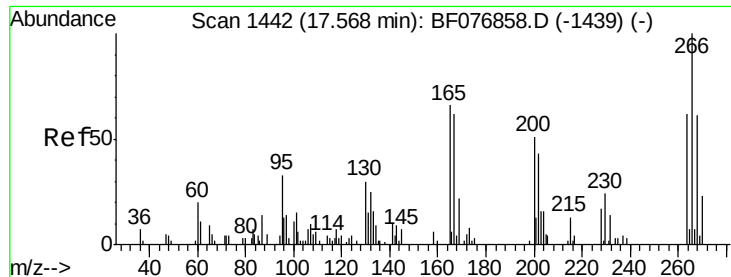
Tot Ion	Ratio	Lower	Upper
284	100		
142	51.6	38.2	57.4
249	37.6	28.2	42.2



#68
Atrazine
Concen: 41.51 ng
RT: 17.32 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BF077169.D
Acq: 3 Feb 2015 19:27

Tgt Ion	Ratio	Lower	Upper
200	100		
173	25.6	6.6	46.6
215	38.8	22.9	62.9

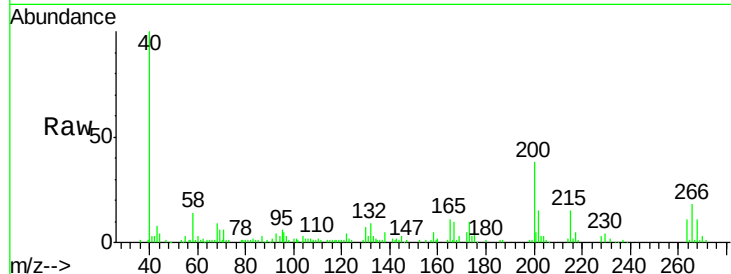




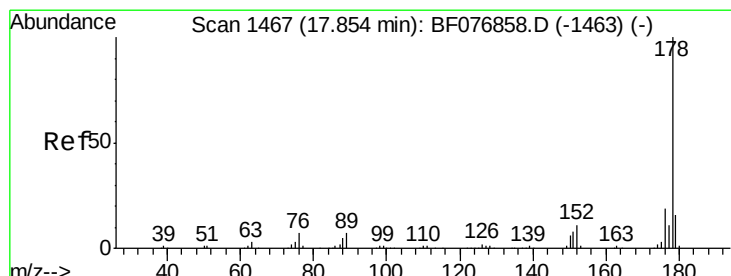
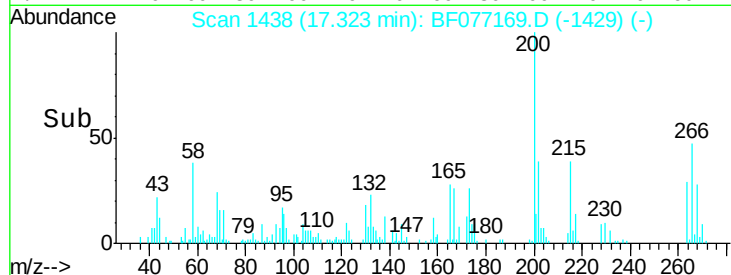
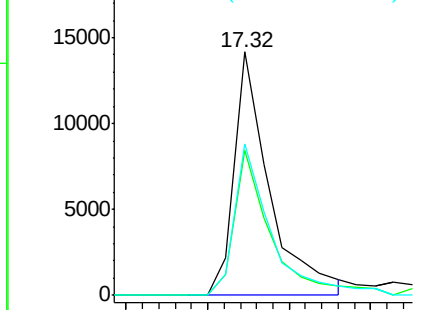
#69
 Pentachlorophenol
 Concen: 51.95 ng
 RT: 17.32 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: BF077169.D
 Acq: 3 Feb 2015 19:27

Instrument :
 BNA_F
 ClientSampleId :
 PB81584BSD

Tot Ion:266 Resp: 21246
 Ion Ratio Lower Upper
 266 100
 268 59.5 48.6 72.8
 264 62.1 49.5 74.3

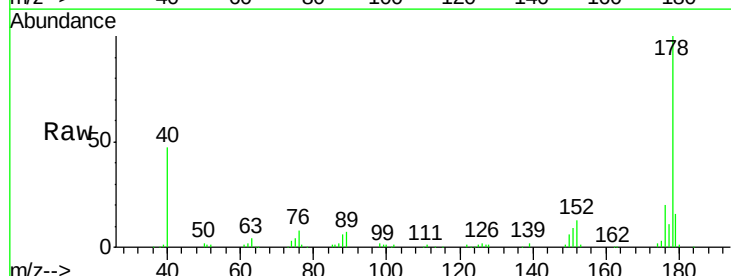


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

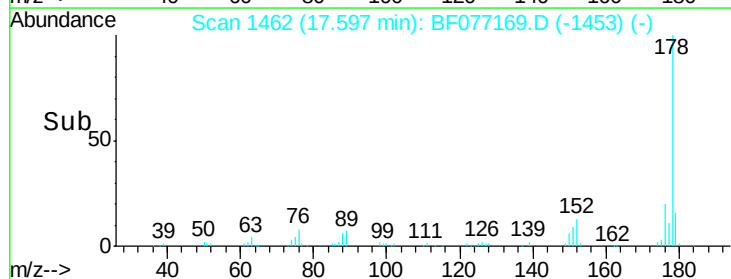
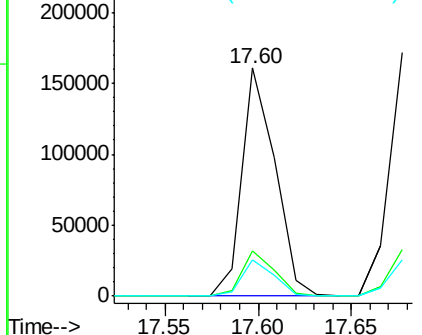


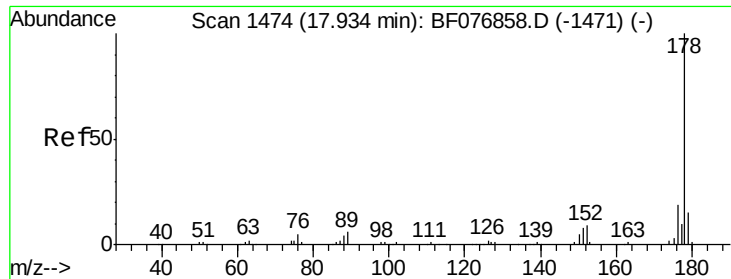
#70
 Phenanthrene
 Concen: 36.15 ng
 RT: 17.60 min Scan# 1462
 Delta R.T. 0.00 min
 Lab File: BF077169.D
 Acq: 3 Feb 2015 19:27

Tgt Ion:178 Resp: 198412
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.1 22.7
 179 15.9 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

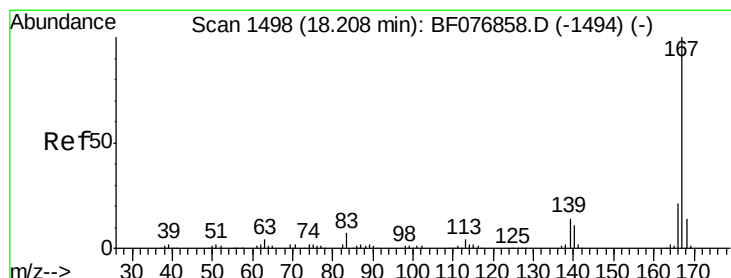
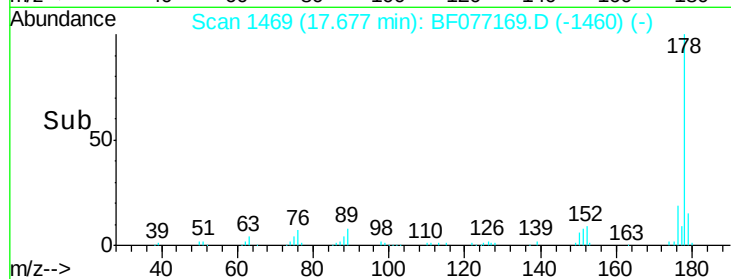
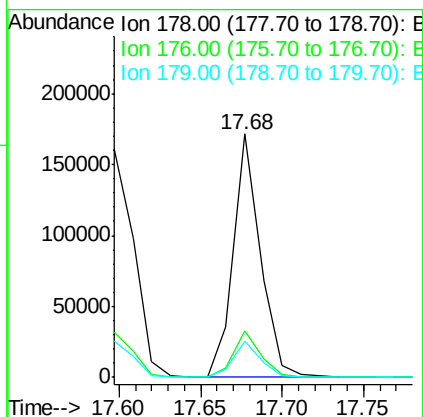
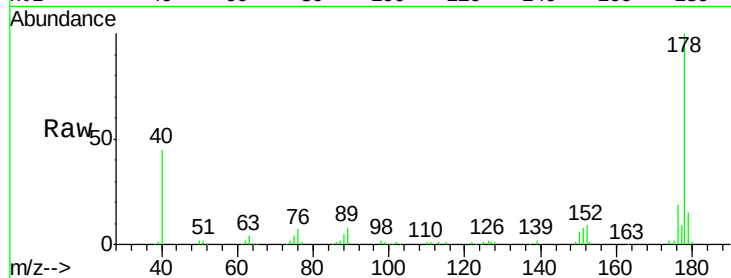




#71
 Anthracene
 Concen: 36.58 ng
 RT: 17.68 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: BF077169.D
 Acq: 3 Feb 2015 19:27

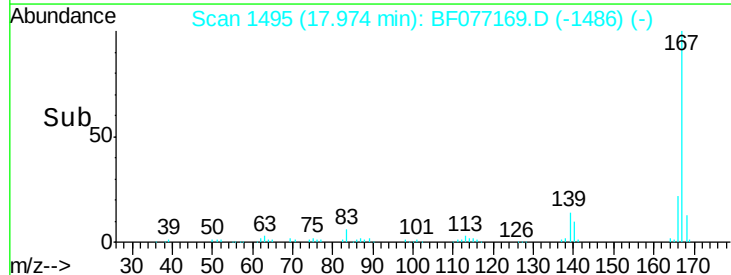
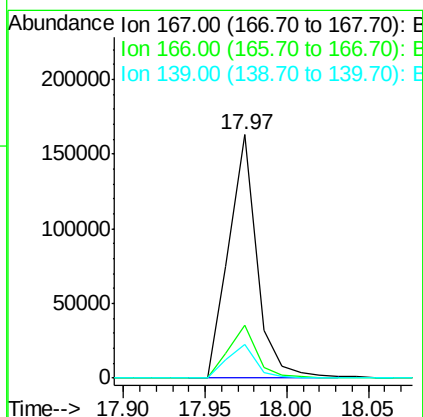
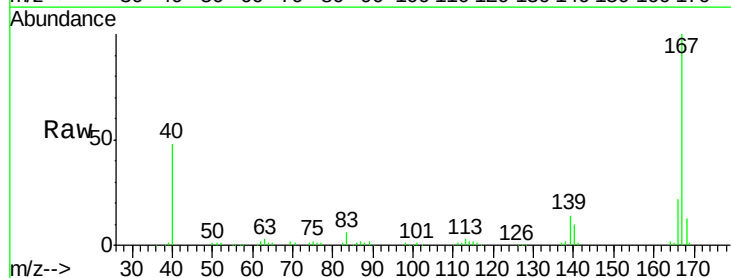
Instrument :
 BNA_F
 ClientSampleId :
 PB81584BSD

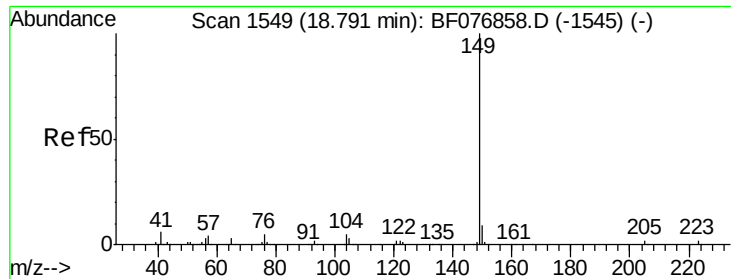
Tot Ion:178 Resp: 195784
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.0
 179 14.8 11.9 17.9



#72
 Carbazole
 Concen: 37.58 ng
 RT: 17.97 min Scan# 1495
 Delta R.T. 0.00 min
 Lab File: BF077169.D
 Acq: 3 Feb 2015 19:27

Tgt Ion:167 Resp: 195043
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.0 25.6
 139 13.9 11.3 16.9

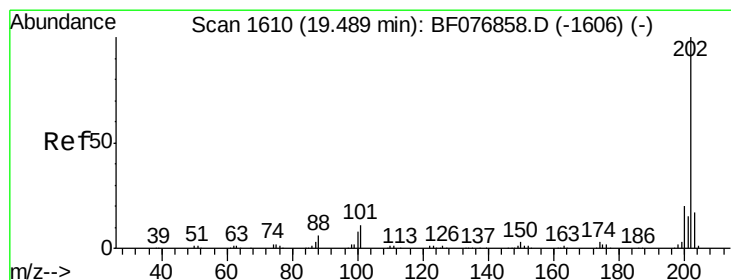
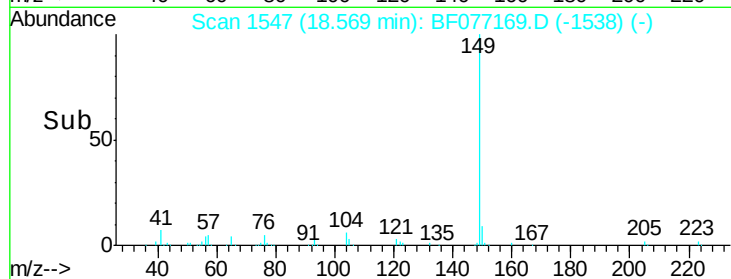
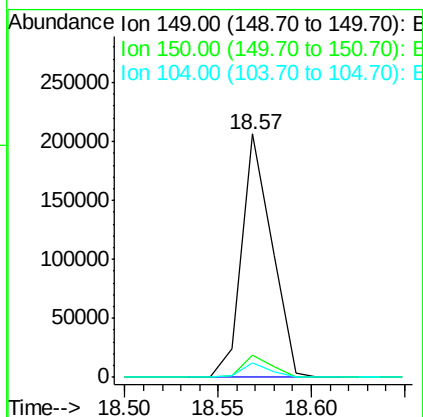
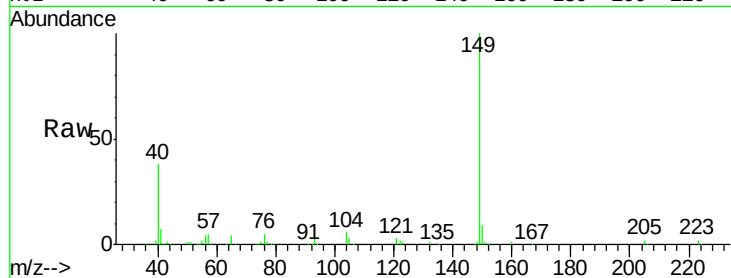




#73
Di-n-butylphthalate
Concen: 38.64 ng
RT: 18.57 min Scan# 1547
Delta R.T. 0.00 min
Lab File: BF077169.D
Acq: 3 Feb 2015 19:27

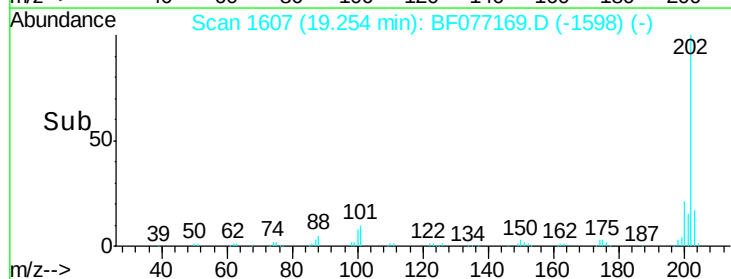
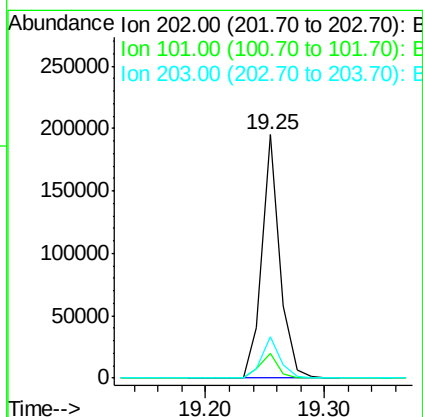
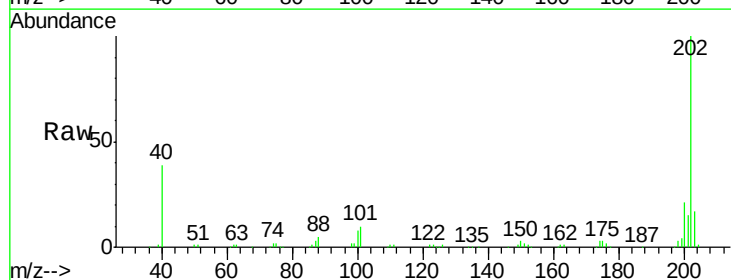
Instrument :
BNA_F
ClientSampleId :
PB81584BSD

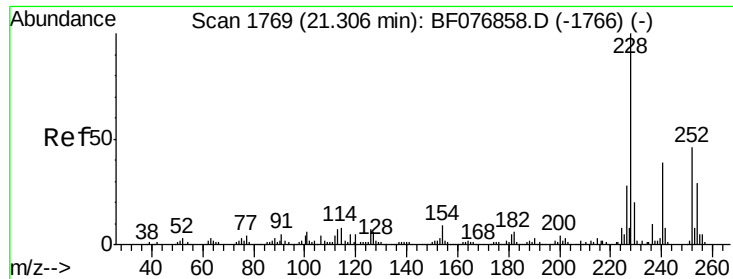
Tot Ion:149 Resp: 232137
Ion Ratio Lower Upper
149 100
150 9.2 6.9 10.3
104 5.7 3.7 5.5#



#74
Fluoranthene
Concen: 36.80 ng
RT: 19.25 min Scan# 1607
Delta R.T. 0.00 min
Lab File: BF077169.D
Acq: 3 Feb 2015 19:27

Tgt Ion:202 Resp: 206942
Ion Ratio Lower Upper
202 100
101 10.2 0.0 30.7
203 17.2 0.0 36.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.07 min Scan# 1766

Delta R.T. 0.00 min

Lab File: BF077169.D

Acq: 3 Feb 2015 19:27

Instrument :

BNA_F

ClientSampleId :

PB81584BSD

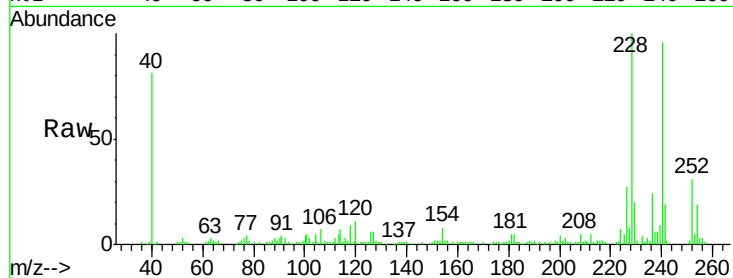
Tot Ion:240 Resp: 89712

Ion Ratio Lower Upper

240 100

120 11.8 10.4 15.6

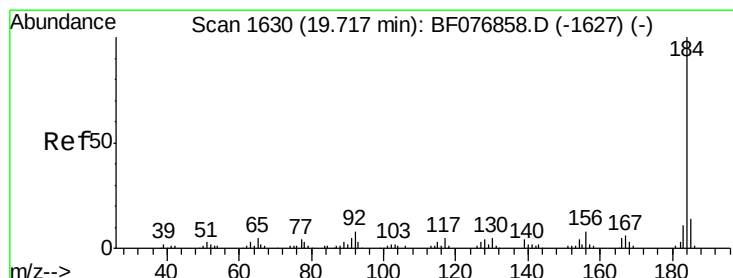
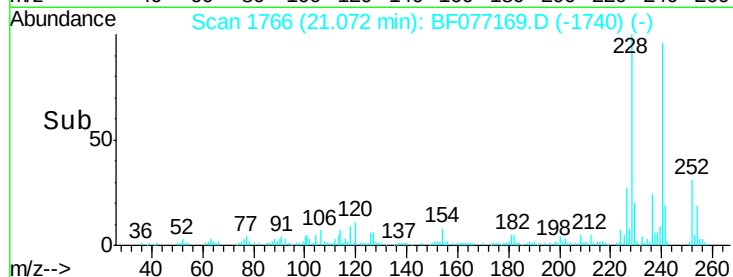
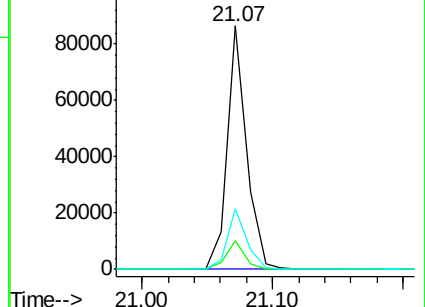
236 25.0 20.2 30.2



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: 29.95 ng

RT: 19.51 min Scan# 1629

Delta R.T. 0.00 min

Lab File: BF077169.D

Acq: 3 Feb 2015 19:27

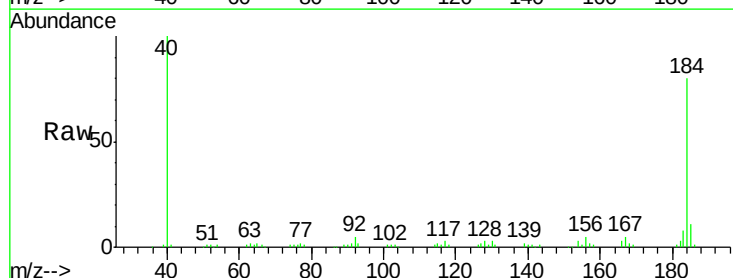
Tgt Ion:184 Resp: 85964

Ion Ratio Lower Upper

184 100

185 14.0 11.4 17.2

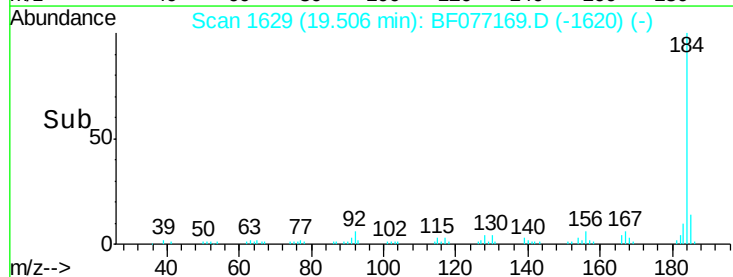
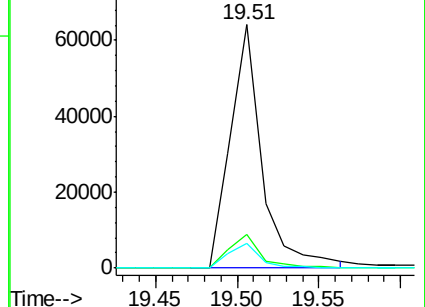
183 10.4 9.0 13.6

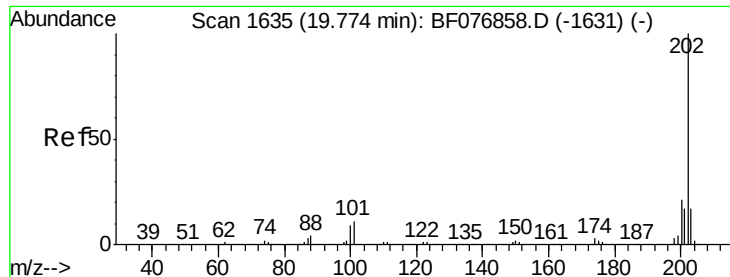


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

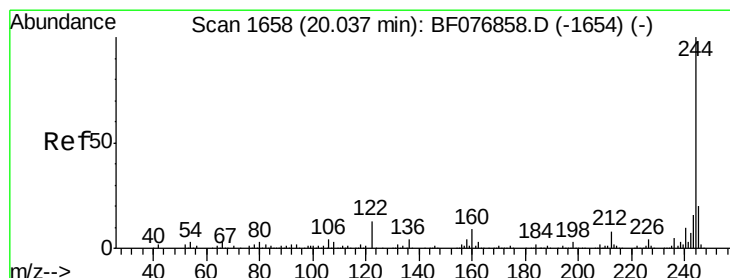
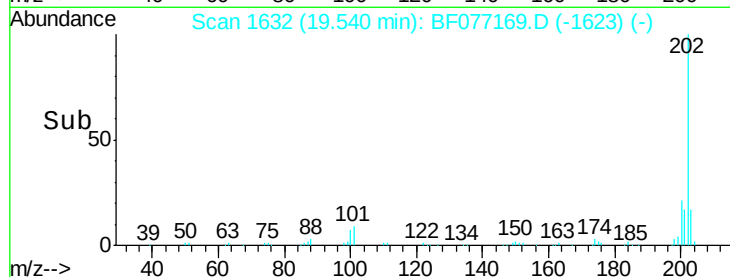
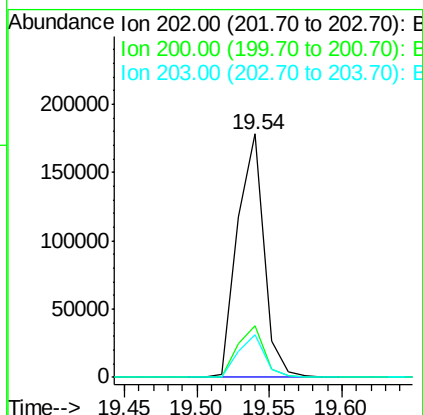
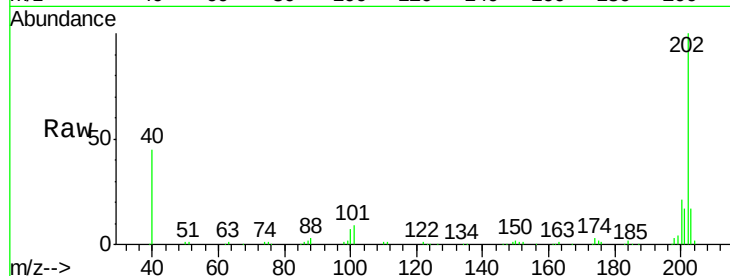




#77
 Pvrene
 Concen: 36.84 ng
 RT: 19.54 min Scan# 1632
 Delta R.T. 0.00 min
 Lab File: BF077169.D
 Acq: 3 Feb 2015 19:27

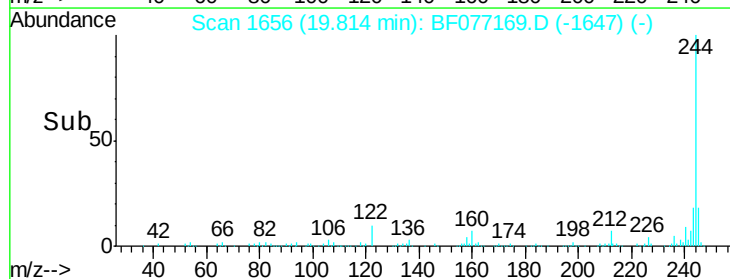
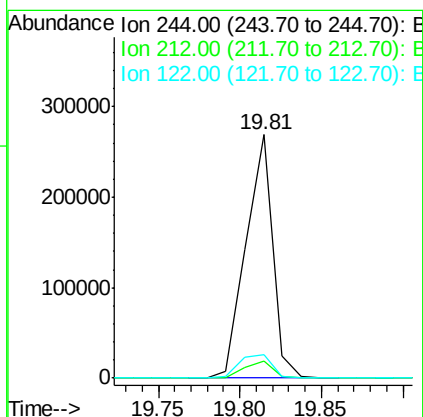
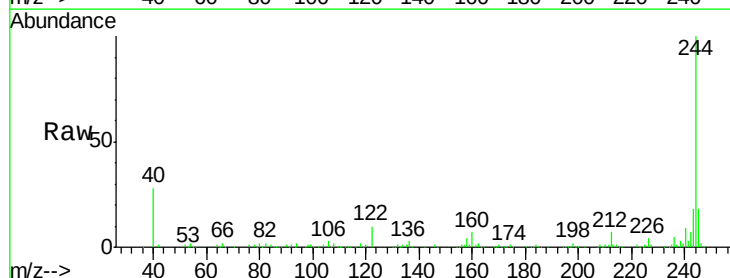
Instrument :
 BNA_F
 ClientSampleId :
 PB81584BSD

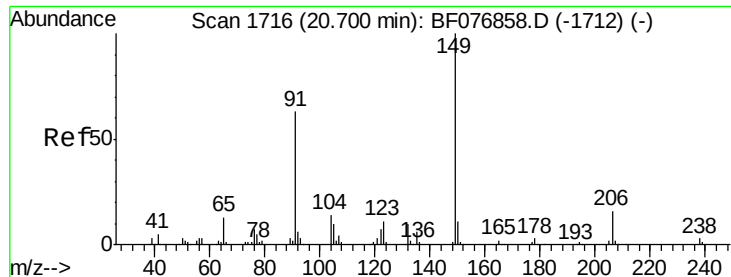
Tot Ion:202 Resp: 226504
 Ion Ratio Lower Upper
 202 100
 200 21.0 16.7 25.1
 203 17.5 14.0 21.0



#78
 Terphenyl-d14
 Concen: 78.20 ng
 RT: 19.81 min Scan# 1656
 Delta R.T. 0.00 min
 Lab File: BF077169.D
 Acq: 3 Feb 2015 19:27

Tgt Ion:244 Resp: 304721
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.3 9.5
 122 9.7 10.1 15.1#

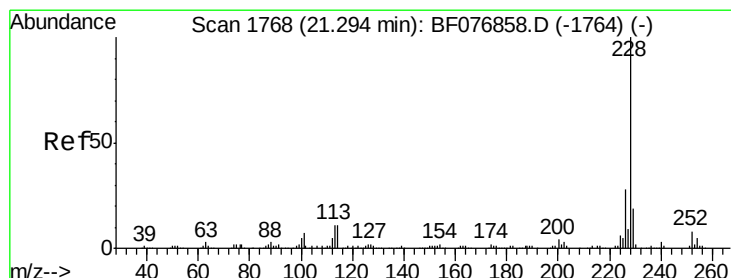
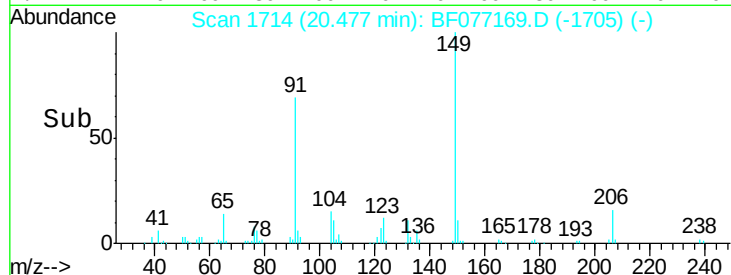
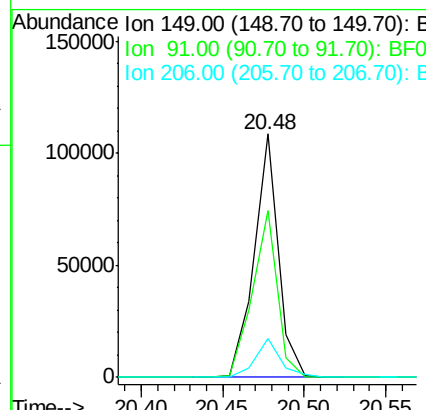
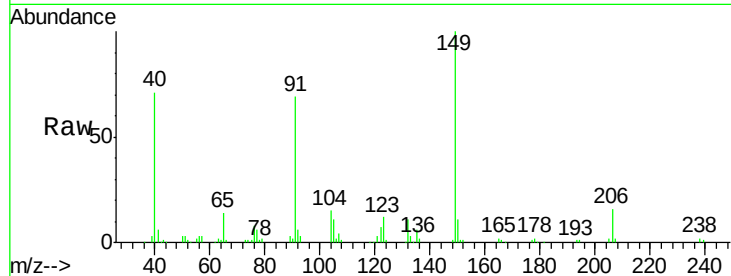




#79
Butylbenzylphthalate
Concen: 40.24 ng
RT: 20.48 min Scan# 1714
Delta R.T. 0.00 min
Lab File: BF077169.D
Acq: 3 Feb 2015 19:27

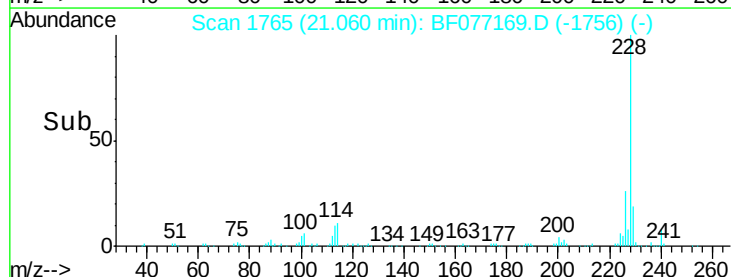
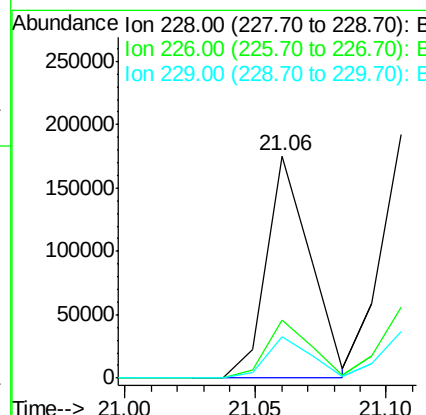
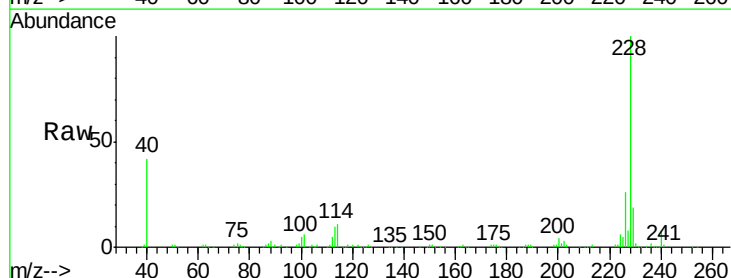
Instrument :
BNA_F
ClientSampleId :
PB81584BSD

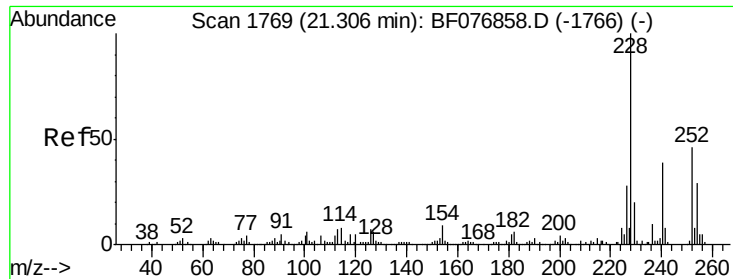
Tot Ion	Ratio	Lower	Upper
149	100		
91	68.8	50.6	76.0
206	15.7	12.8	19.2



#80
Benzo(a)anthracene
Concen: 35.96 ng
RT: 21.06 min Scan# 1765
Delta R.T. 0.00 min
Lab File: BF077169.D
Acq: 3 Feb 2015 19:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.1	22.1	33.1
229	18.5	15.5	23.3

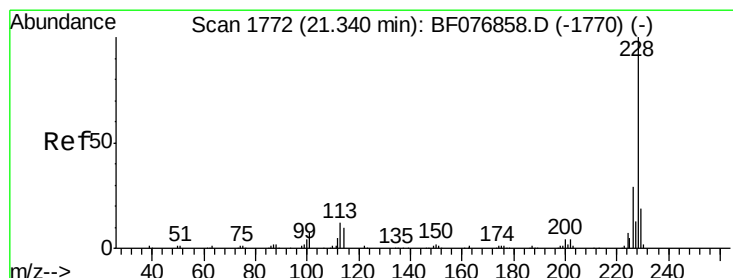
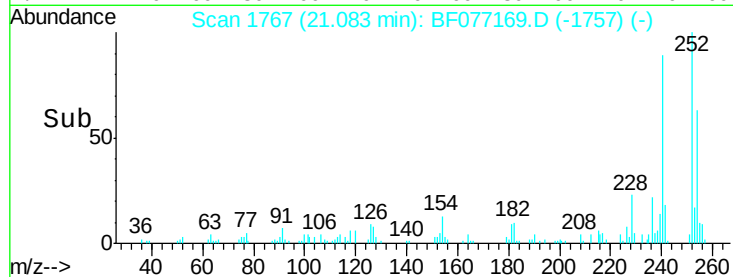
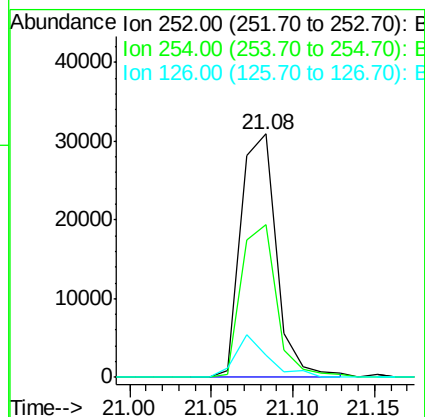
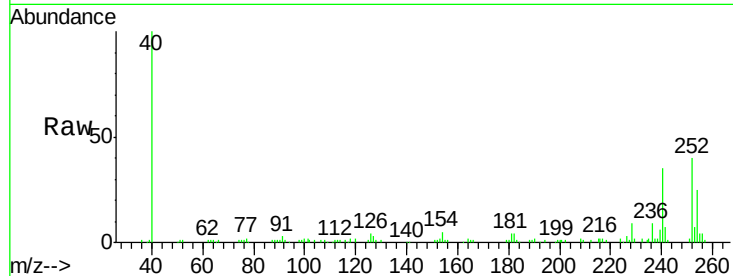




#81
 3,3'-Dichlorobenzidine
 Concen: 26.19 ng
 RT: 21.08 min Scan# 1767
 Delta R.T. 0.01 min
 Lab File: BF077169.D
 Acq: 3 Feb 2015 19:27

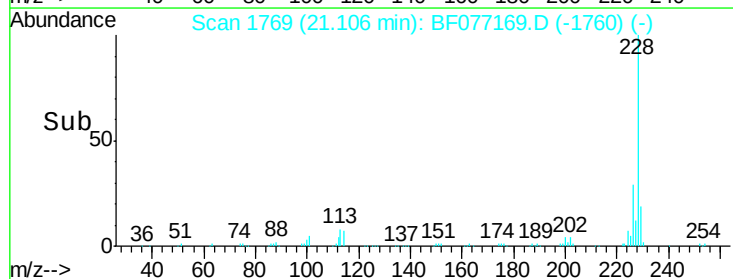
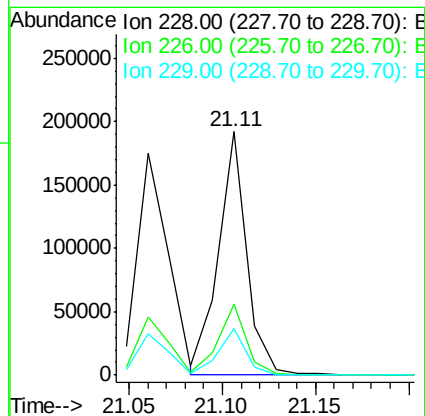
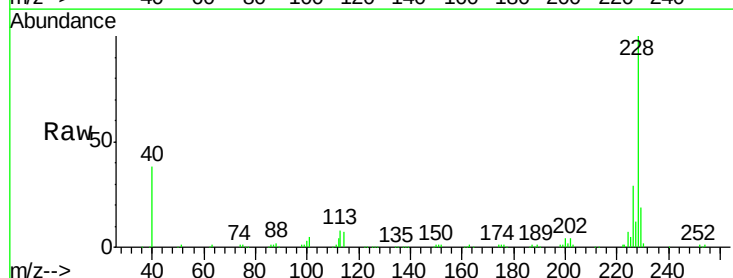
Instrument :
 BNA_F
 ClientSampleId :
 PB81584BSD

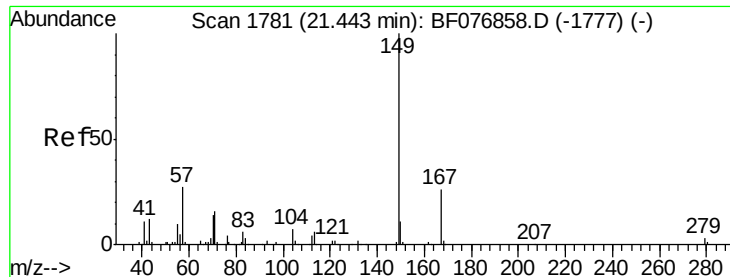
Tot Ion:252 Resp: 46851
 Ion Ratio Lower Upper
 252 100
 254 62.9 50.2 75.4
 126 9.0 11.5 17.3#



#82
 Chrysene
 Concen: 39.21 ng
 RT: 21.11 min Scan# 1769
 Delta R.T. 0.00 min
 Lab File: BF077169.D
 Acq: 3 Feb 2015 19:27

Tgt Ion:228 Resp: 201261
 Ion Ratio Lower Upper
 228 100
 226 28.8 23.4 35.0
 229 18.9 15.4 23.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.47 ng

RT: 21.22 min Scan# 1779

Delta R.T. 0.00 min

Lab File: BF077169.D

Acq: 3 Feb 2015 19:27

Instrument :

BNA_F

ClientSampleId :

PB81584BSD

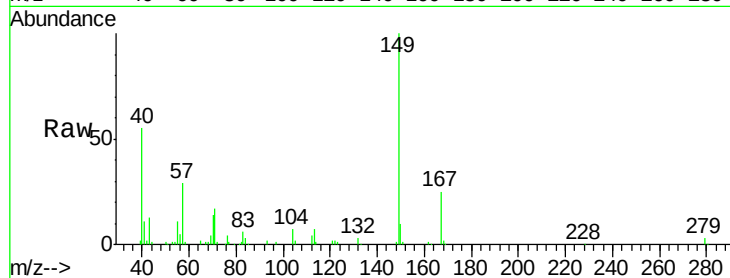
Tot Ion:149 Resp: 155929

Ion Ratio Lower Upper

149 100

167 24.6 20.6 30.8

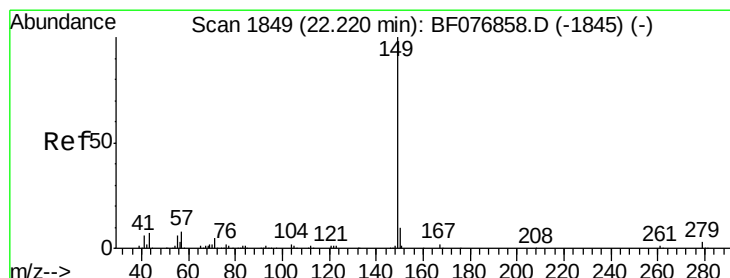
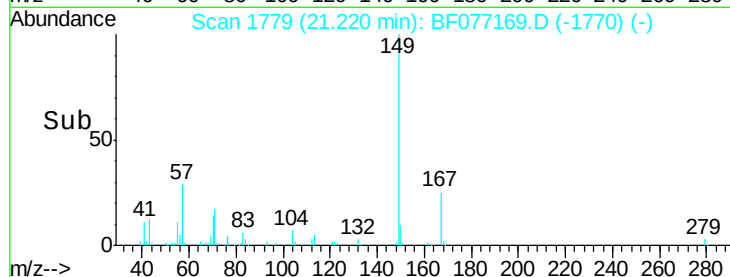
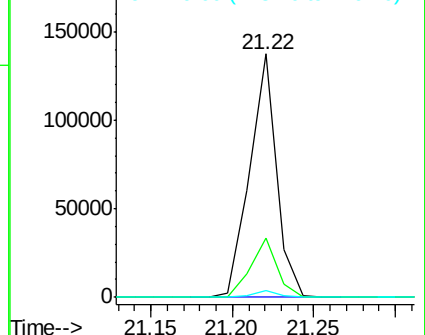
279 2.8 2.2 3.2



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



#84

Di-n-octyl phthalate

Concen: 41.23 ng

RT: 21.99 min Scan# 1846

Delta R.T. 0.01 min

Lab File: BF077169.D

Acq: 3 Feb 2015 19:27

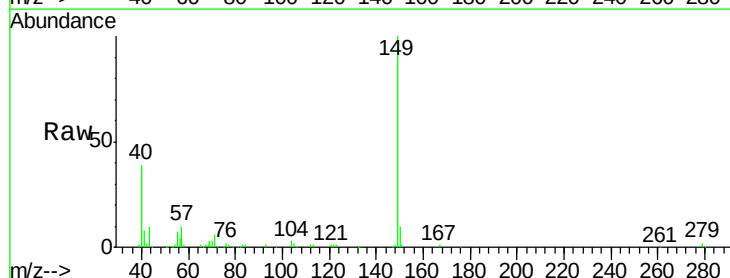
Tgt Ion:149 Resp: 275704

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

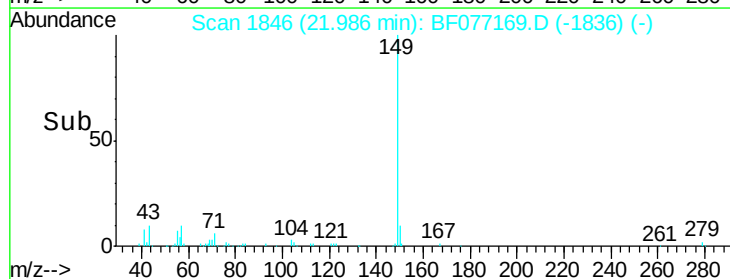
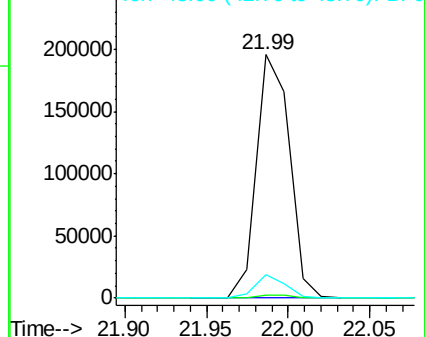
43 8.7 6.6 10.0

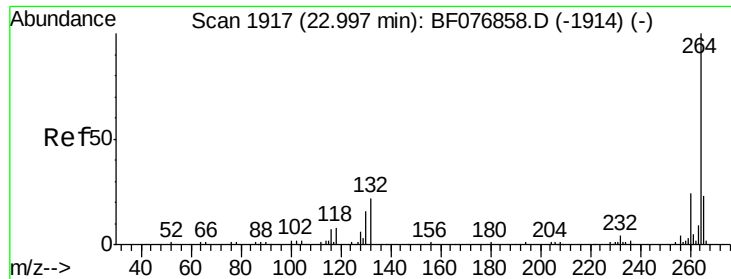


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

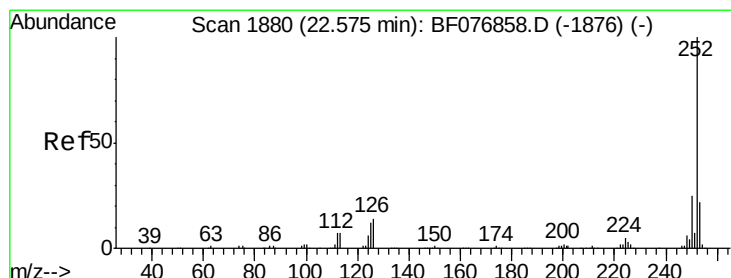
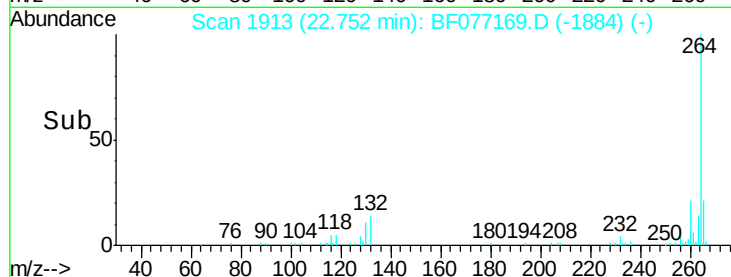
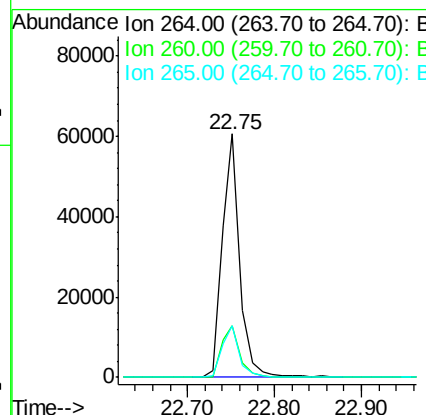
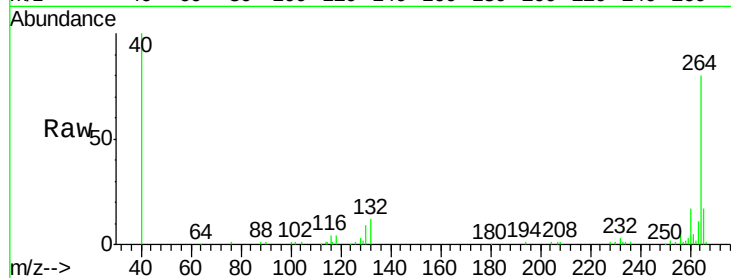




#86
Pervlene-d12
Concen: 20.00 ng
RT: 22.75 min Scan# 1913
Delta R.T. 0.03 min
Lab File: BF077169.D
Acq: 3 Feb 2015 19:27

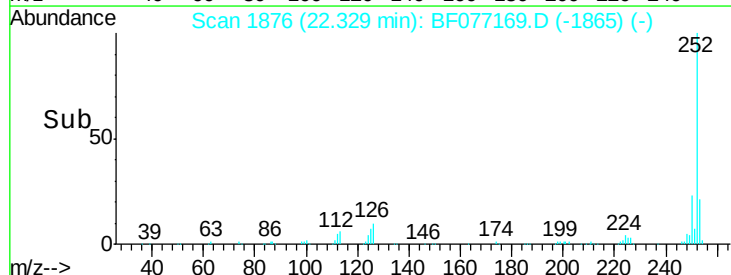
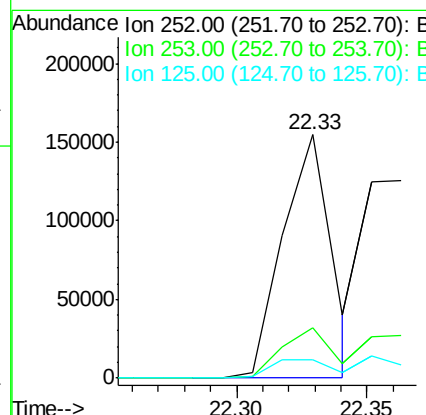
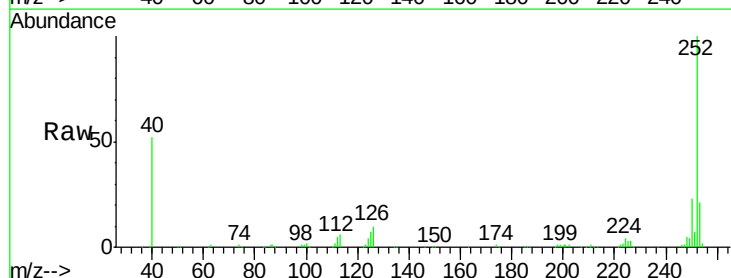
Instrument :
BNA_F
ClientSampleId :
PB81584BSD

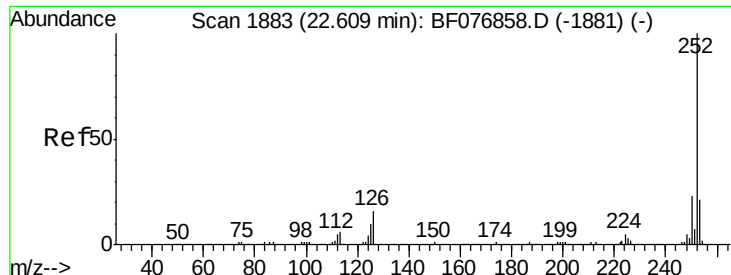
Tot Ion:264 Resp: 85078
Ion Ratio Lower Upper
264 100
260 21.3 19.0 28.4
265 21.2 18.1 27.1



#87
Benzo(b)fluoranthene
Concen: 34.65 ng
RT: 22.33 min Scan# 1876
Delta R.T. 0.02 min
Lab File: BF077169.D
Acq: 3 Feb 2015 19:27

Tgt Ion:252 Resp: 198549
Ion Ratio Lower Upper
252 100
253 20.8 17.5 26.3
125 7.4 9.4 14.0#





#88

Benzo(k)fluoranthene

Concen: 39.67 ng

RT: 22.33 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BF077169.D

Acq: 3 Feb 2015 19:27

Instrument :

BNA_F

ClientSampleId :

PB81584BSD

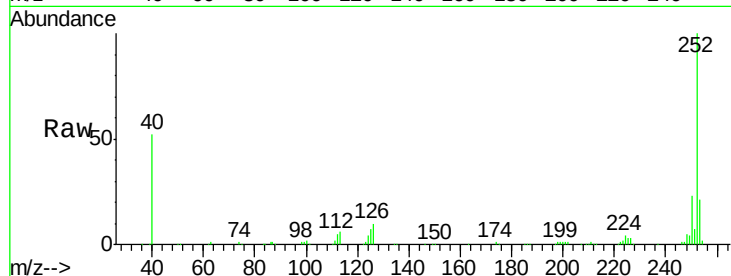
Tot Ion:252 Resp: 198593

Ion Ratio Lower Upper

252 100

253 20.8 17.2 25.8

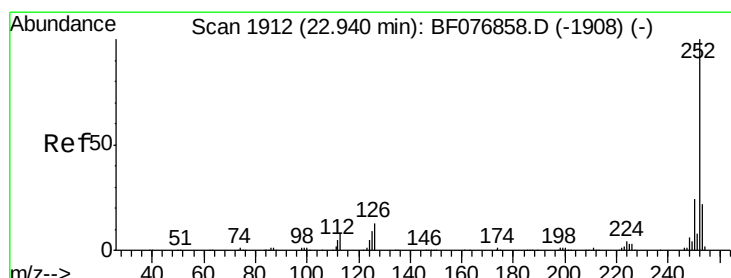
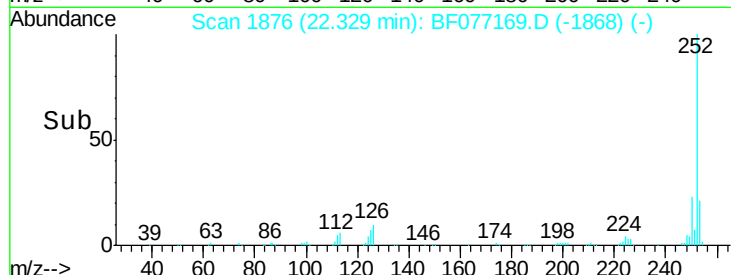
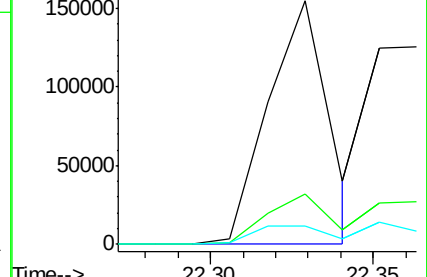
125 7.4 7.1 10.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 37.21 ng

RT: 22.68 min Scan# 1907

Delta R.T. 0.03 min

Lab File: BF077169.D

Acq: 3 Feb 2015 19:27

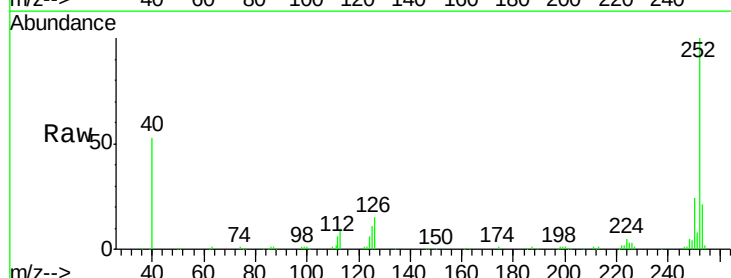
Tgt Ion:252 Resp: 188090

Ion Ratio Lower Upper

252 100

253 21.4 17.9 26.9

125 11.5 7.2 10.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

