

Data Path : Z:\HPCHEM1\BNA F\Data\BF020615\
 Data File : BF077217.D
 Acq On : 6 Feb 2015 23:47
 Operator : TP/IZ
 Sample : PB81608BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81608BS

Quant Time: Feb 07 01:04:22 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 07 00:48:38 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	26569	20.00	ng	0.00
21) Naphthalene-d8	10.56	136	110101	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	54895	20.00	ng	0.00
63) Phenanthrene-d10	17.54	188	104953	20.00	ng	0.00
75) Chrysene-d12	21.05	240	100796	20.00	ng	0.00
86) Perylene-d12	22.68	264	91204	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	4.66	112	187271	115.89	ng	0.00
7) Phenol-d6	7.06	99	236868	116.19	ng	0.00
23) Nitrobenzene-d5	8.96	82	147710	74.33	ng	0.00
41) 2,4,6-Tribromophenol	16.42	330	60943	136.77	ng	0.00
44) 2-Fluorobiphenyl	13.21	172	307135	85.14	ng	0.00
78) Terphenyl-d14	19.79	244	343465	78.45	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	1.09	88	22160	32.03	ng	98
3) Pyridine	1.54	79	52774	29.47	ng	94
4) n-Nitrosodimethylamine	1.49	42	33079	37.30	ng	96
6) Aniline	6.93	93	46564	16.51	ng	98
8) 2-Chlorophenol	7.17	128	67290	36.12	ng	99
9) Benzaldehyde	6.81	77	210	Below Cal	#	1
10) Phenol	7.08	94	71520	33.04	ng	84
11) bis(2-Chloroethyl)ether	7.18	93	58887	34.77	ng	91
12) 1,3-Dichlorobenzene	7.48	146	72326	34.12	ng	94
13) 1,4-Dichlorobenzene	7.68	146	73703	32.79	ng	97
14) 1,2-Dichlorobenzene	8.00	146	74242	35.85	ng	98
15) Benzyl Alcohol	8.10	79	57667	34.96	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.44	45	81015	35.58	ng	77
17) 2-Methylphenol	8.45	107	53844	35.37	ng	96
18) Hexachloroethane	8.74	117	27815	35.58	ng	96
19) n-Nitroso-di-n-propylamine	8.73	70	48862	34.24	ng	99
20) 3+4-Methylphenols	8.84	107	61469	30.49	ng	97
22) Acetophenone	8.65	105	98999	36.71	ng	98
24) Nitrobenzene	8.99	77	69355	34.26	ng	98
25) Isophorone	9.60	82	128450	35.49	ng	97
26) 2-Nitrophenol	9.73	139	32821	32.26	ng	# 76
27) 2,4-Dimethylphenol	10.03	122	60413	38.59	ng	97
28) bis(2-Chloroethoxy)methane	10.22	93	79454	38.62	ng	99
29) 2,4-Dichlorophenol	10.35	162	49981	34.25	ng	94
30) 1,2,4-Trichlorobenzene	10.46	180	58265	35.95	ng	96
31) Naphthalene	10.60	128	202125	35.66	ng	98
32) Benzoic acid	10.43	122	10042	11.58	ng	96
33) 4-Chloroaniline	10.86	127	37437	16.34	ng	99
34) Hexachlorobutadiene	10.97	225	34204	35.57	ng	98
35) Caprolactam	11.71	113	12632	29.41	ng	# 84
36) 4-Chloro-3-methylphenol	12.18	107	60191	36.03	ng	96
37) 2-Methylnaphthalene	12.26	142	141855	36.64	ng	96
39) 1,2,4,5-Tetrachlorobenzene	12.66	216	54855	40.42	ng	97
40) Hexachlorocyclopentadiene	12.65	237	52076	71.78	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	13.03	196	35973	36.38	nq	100
43) 2,4,5-Trichlorophenol	13.12	196	31064	30.80	nq	# 89
45) 1,1'-Biphenyl	13.40	154	165846	40.75	nq	97
46) 2-Chloronaphthalene	13.38	162	133746	39.94	nq	98
47) 2-Nitroaniline	13.73	65	42413	41.75	nq	98
48) Acenaphthylene	14.33	152	220268	38.99	nq	99
49) Dimethylphthalate	14.29	163	159543	40.98	nq	97
50) 2,6-Dinitrotoluene	14.39	165	34178	43.94	nq	95
51) Acenaphthene	14.75	154	122320	38.17	nq	95
52) 3-Nitroaniline	14.74	138	24578	25.10	nq	# 84
53) 2,4-Dinitrophenol	15.03	184	21978	63.12	nq	95
54) Dibenzofuran	15.17	168	193077	41.36	nq	100
55) 4-Nitrophenol	15.36	139	37538	61.51	nq	95
56) 2,4-Dinitrotoluene	15.32	165	47302	40.89	nq	92
57) Fluorene	15.94	166	161064	40.72	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.54	232	29834	40.63	nq	# 99
59) Diethylphthalate	15.95	149	177343	45.07	nq	99
60) 4-Chlorophenyl-phenylether	16.04	204	68467	42.31	nq	# 84
61) 4-Nitroaniline	16.10	138	32294	33.39	nq	89
62) Azobenzene	16.33	77	174542	42.58	nq	98
64) 4,6-Dinitro-2-methylphenol	16.18	198	21529	33.03	nq	84
65) n-Nitrosodiphenylamine	16.29	169	137245	36.67	nq	99
66) 4-Bromophenyl-phenylether	16.91	248	41638	39.16	nq	# 85
67) Hexachlorobenzene	16.92	284	41412	36.96	nq	# 91
68) Atrazine	17.30	200	46866	41.27	nq	93
69) Pentachlorophenol	17.30	266	27990	56.66	nq	98
70) Phenanthrene	17.57	178	234881	35.89	nq	100
71) Anthracene	17.65	178	236724	37.09	nq	98
72) Carbazole	17.95	167	225710	36.46	nq	99
73) Di-n-butylphthalate	18.55	149	288243	40.23	nq	98
74) Fluoranthene	19.23	202	245019	36.53	nq	98
76) Benzidine	19.48	184	96289	29.85	nq	99
77) Pyrene	19.52	202	260255	37.67	nq	100
79) Butylbenzylphthalate	20.45	149	128606	41.11	nq	96
80) Benzo(a)anthracene	21.04	228	228245	36.09	nq	99
81) 3,3'-Dichlorobenzidine	21.05	252	53364	26.55	nq	# 95
82) Chrysene	21.08	228	220559	38.24	nq	99
83) Bis(2-ethylhexyl)phthalate	21.20	149	184393	42.60	nq	100
84) Di-n-octyl phthalate	21.95	149	317712	42.29	nq	99
87) Benzo(b)fluoranthene	22.28	252	229984	37.44	nq	# 94
88) Benzo(k)fluoranthene	22.28	252	229984	42.85	nq	97
89) Benzo(a)pyrene	22.61	252	198579	36.65	nq	# 96
91) Benzo(g,h,i)perylene	24.01	276	128587	26.02	nq	97

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

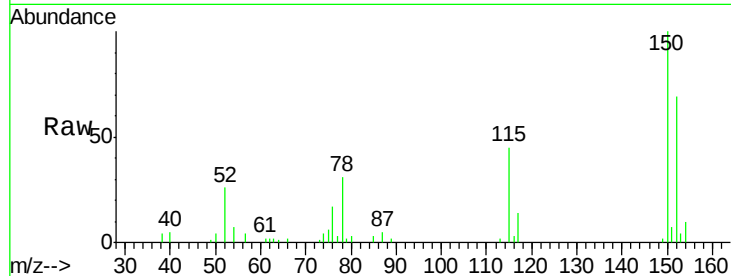


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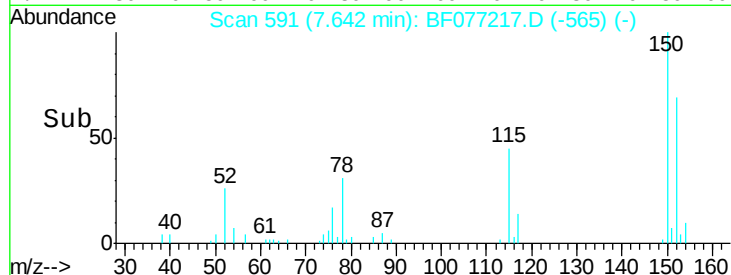
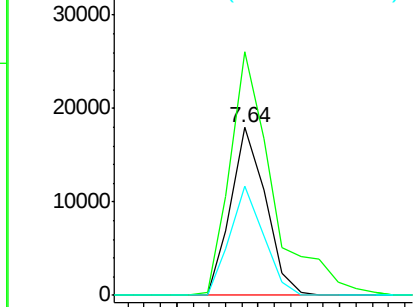
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.64 min Scan# 591
Delta R.T. -0.00 min
Lab File: BF077217.D
Acq: 6 Feb 2015 23:47

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PB81608BS

Tot Ion:152 Resp: 26569
Ion Ratio Lower Upper
152 100
150 145.2 121.7 182.5
115 65.2 47.0 70.6



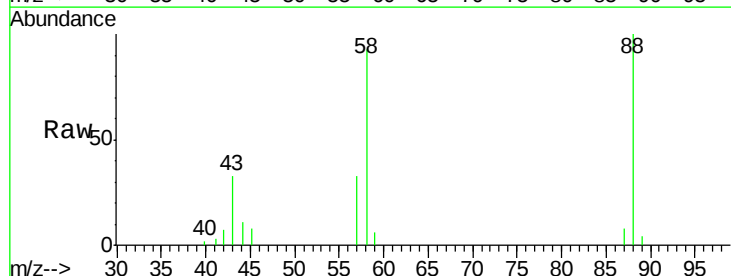
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



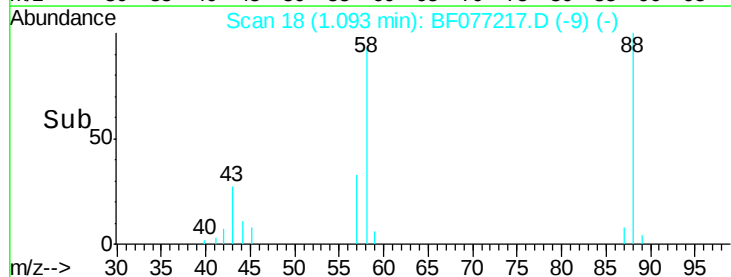
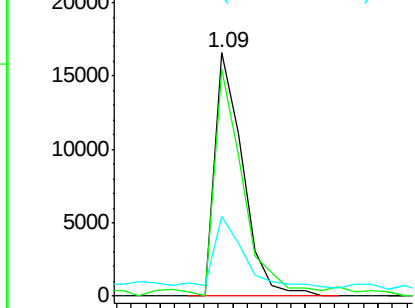
#2

1,4-Dioxane
Concen: 32.03 ng
RT: 1.09 min Scan# 18
Delta R.T. -0.00 min
Lab File: BF077217.D
Acq: 6 Feb 2015 23:47

Tgt Ion: 88 Resp: 22160
Ion Ratio Lower Upper
88 100
58 99.0 77.0 115.4
43 32.5 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: 29.47 ng

RT: 1.54 min Scan# 57

Delta R.T. -0.01 min

Lab File: BF077217.D

Acq: 6 Feb 2015 23:47

Instrument :

BNA_F

ClientSampleId :

PB81608BS

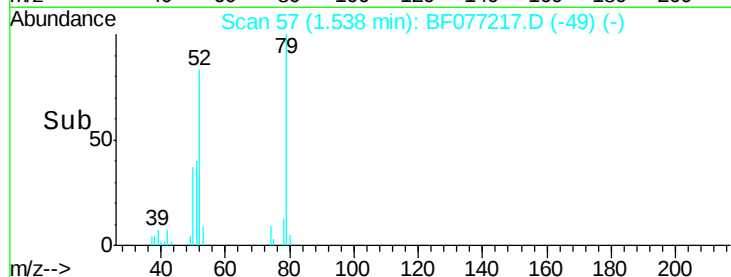
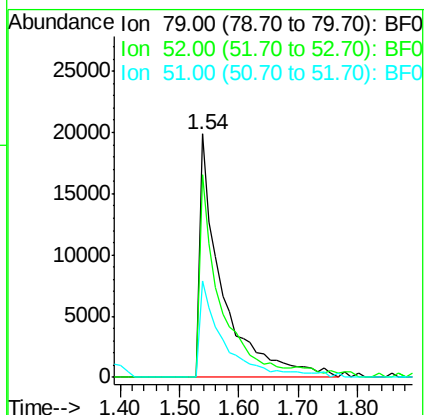
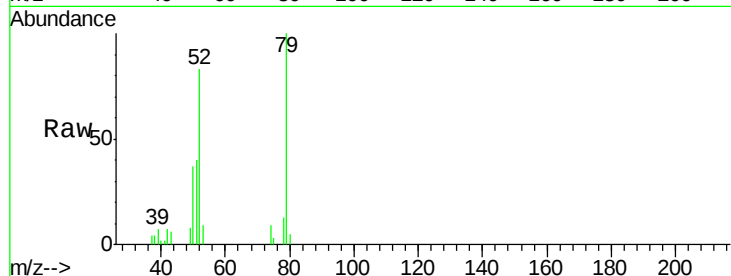
Tot Ion: 79 Resp: 52774

Ion Ratio Lower Upper

79 100

52 83.0 70.1 105.1

51 39.6 35.1 52.7



#4

n-Nitrosodimethylamine

Concen: 37.30 ng

RT: 1.49 min Scan# 53

Delta R.T. -0.00 min

Lab File: BF077217.D

Acq: 6 Feb 2015 23:47

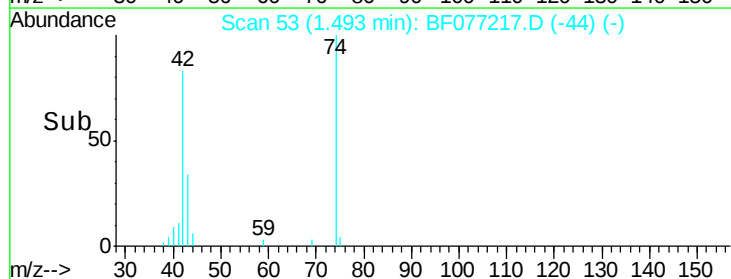
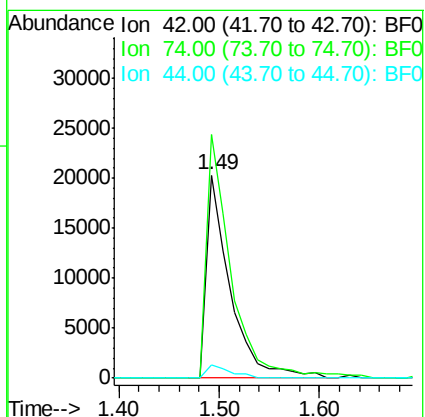
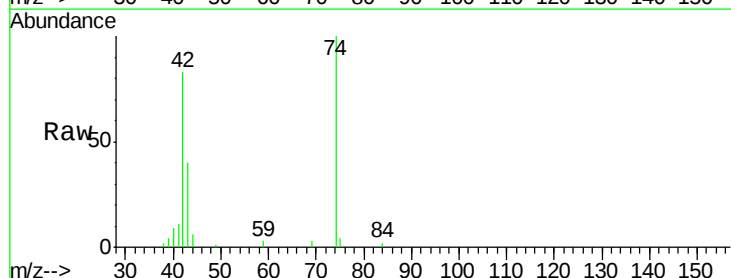
Tgt Ion: 42 Resp: 33079

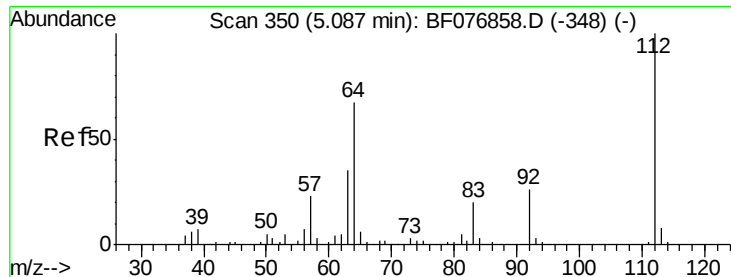
Ion Ratio Lower Upper

42 100

74 120.1 92.4 138.6

44 6.8 6.2 9.2





#5

2-Fluorophenol

Concen: 115.89 ng

RT: 4.66 min Scan# 330

Delta R.T. -0.00 min

Lab File: BF077217.D

Acq: 6 Feb 2015 23:47

Instrument :

BNA_F

ClientSampled :

PB81608BS

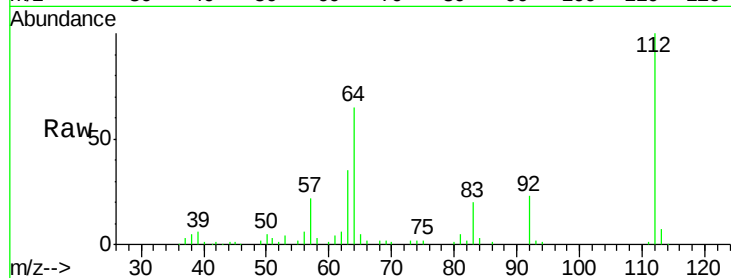
Tot Ion:112 Resp: 187271

Ion Ratio Lower Upper

112 100

64 64.8 54.2 81.4

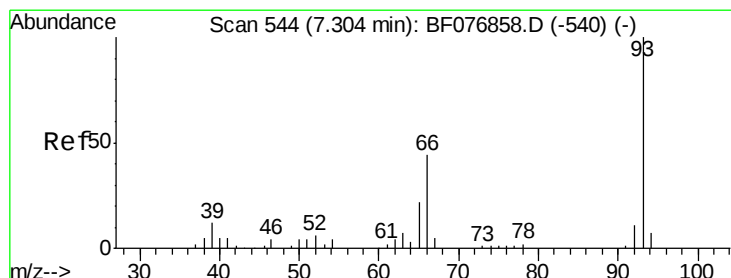
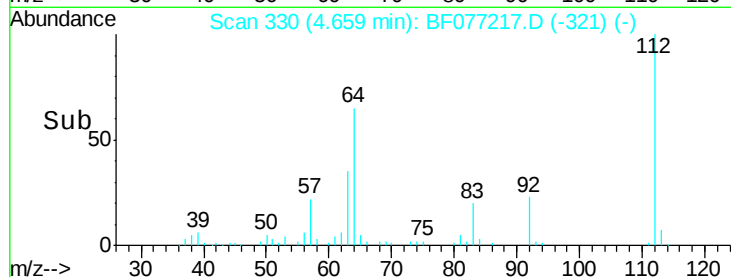
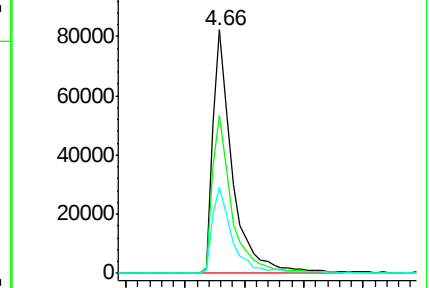
63 35.5 28.4 42.6



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: 16.51 ng

RT: 6.93 min Scan# 529

Delta R.T. -0.00 min

Lab File: BF077217.D

Acq: 6 Feb 2015 23:47

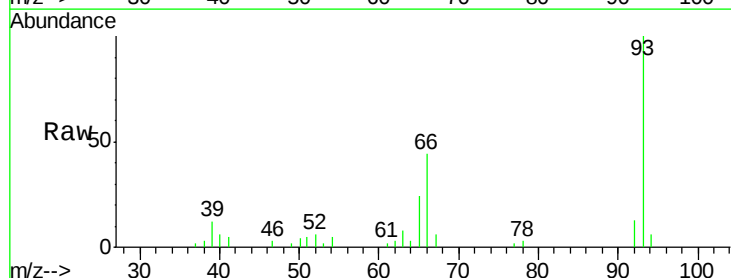
Tgt Ion: 93 Resp: 46564

Ion Ratio Lower Upper

93 100

66 43.8 35.0 52.4

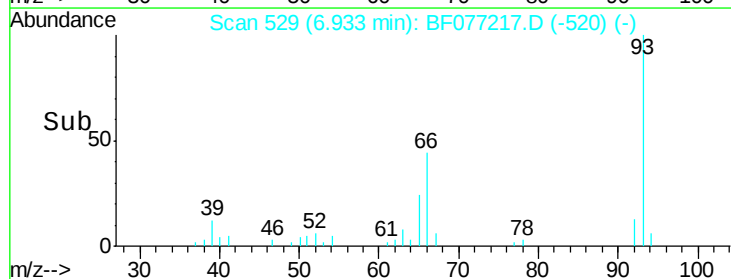
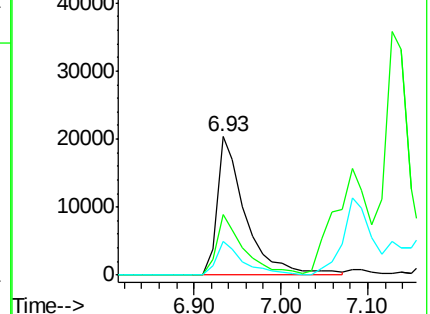
65 24.5 17.7 26.5

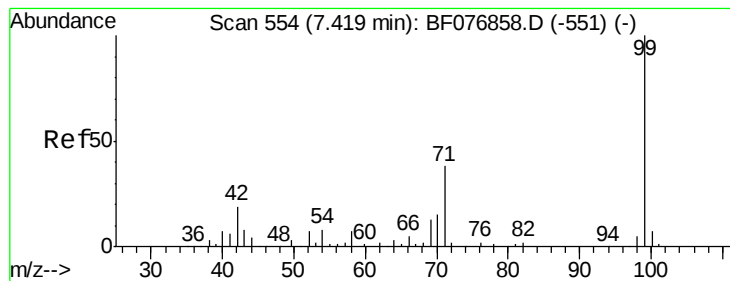


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 116.19 ng

RT: 7.06 min Scan# 540

Delta R.T. -0.00 min

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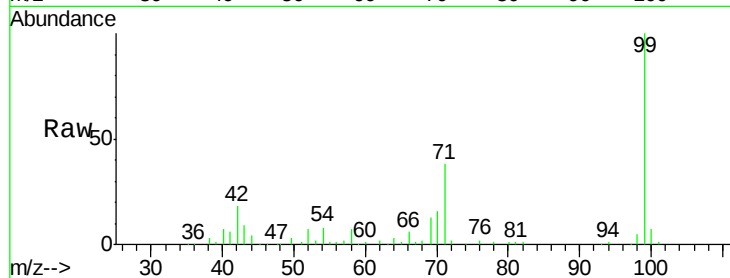
Tot Ion: 99 Resp: 236868

Ion Ratio Lower Upper

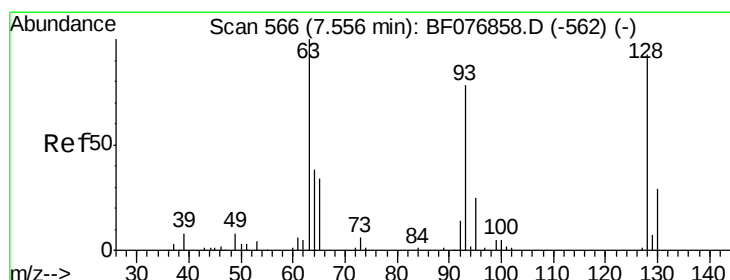
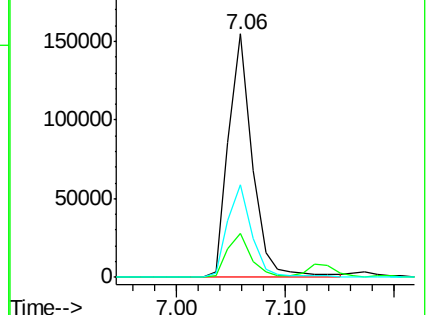
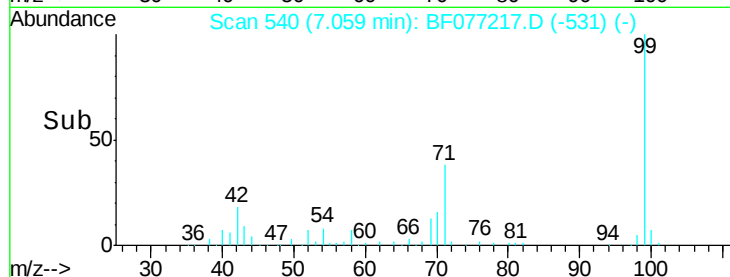
99 100

42 18.2 15.0 22.4

71 37.9 30.5 45.7



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 36.12 ng

RT: 7.17 min Scan# 550

Delta R.T. -0.00 min

Lab File: BF077217.D

Acq: 6 Feb 2015 23:47

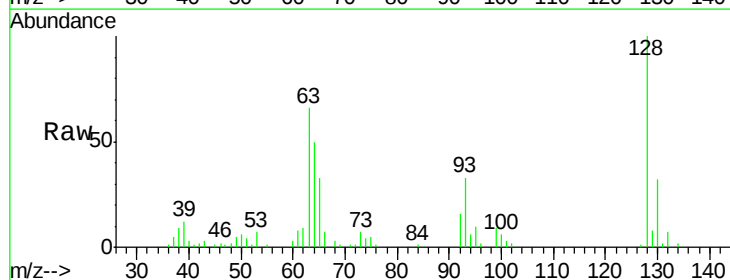
Tgt Ion: 128 Resp: 67290

Ion Ratio Lower Upper

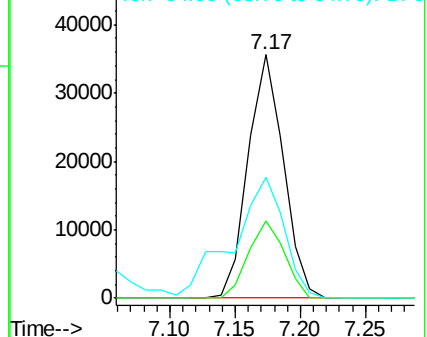
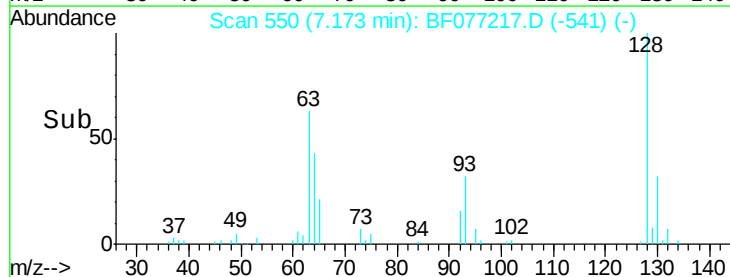
128 100

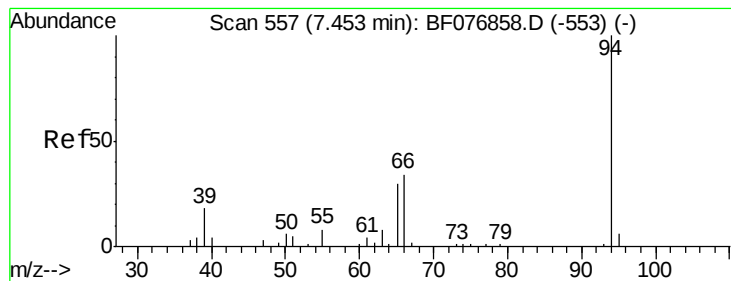
130 31.7 11.0 51.0

64 49.6 29.3 69.3



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





#10

Phenol

Concen: 33.04 ng

RT: 7.08 min Scan# 542

Delta R.T. -0.00 min

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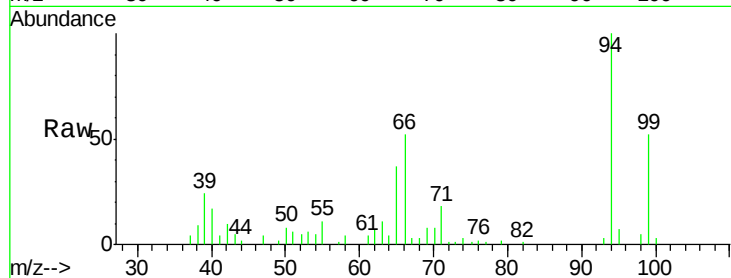
Tot Ion: 94 Resp: 71520

Ion Ratio Lower Upper

94 100

65 37.5 11.3 51.3

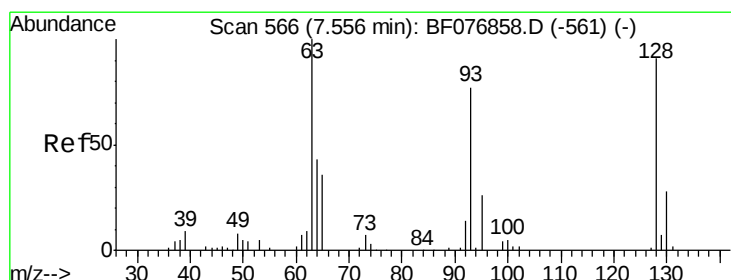
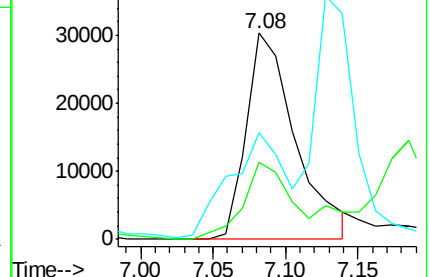
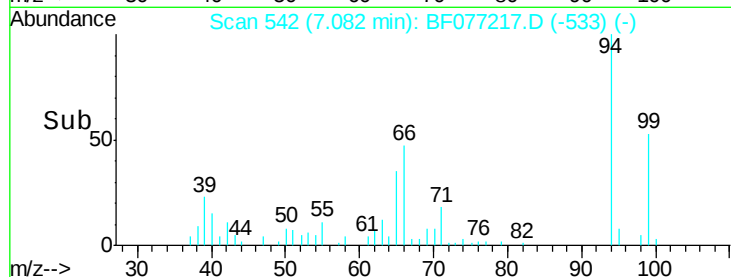
66 51.6 19.5 59.5



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: 34.77 ng

RT: 7.18 min Scan# 551

Delta R.T. -0.00 min

Lab File: BF077217.D

Acq: 6 Feb 2015 23:47

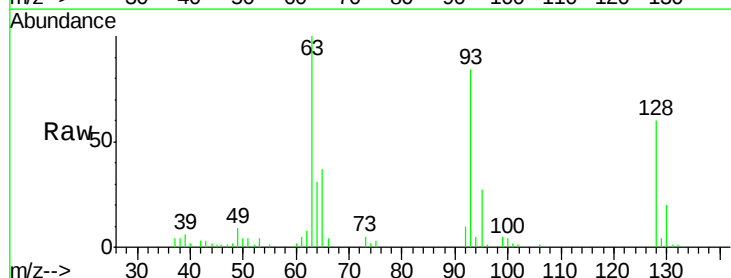
Tgt Ion: 93 Resp: 58887

Ion Ratio Lower Upper

93 100

63 119.3 111.3 151.3

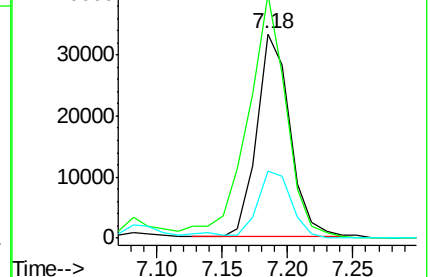
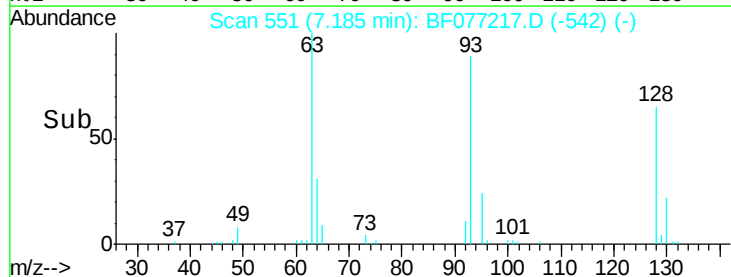
95 32.7 13.8 53.8

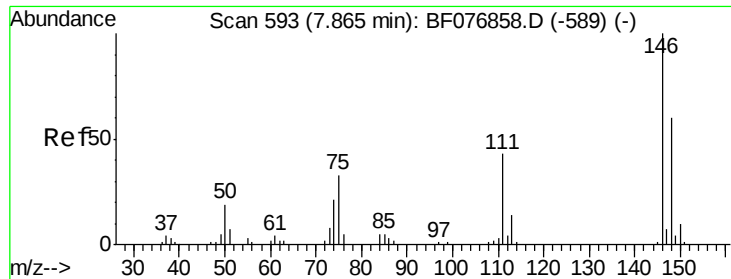


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

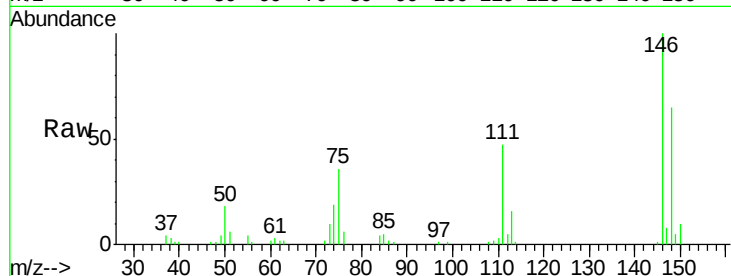




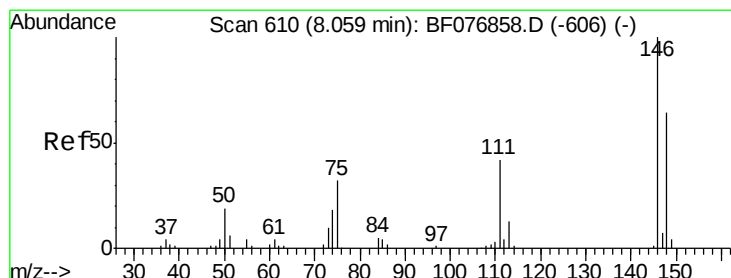
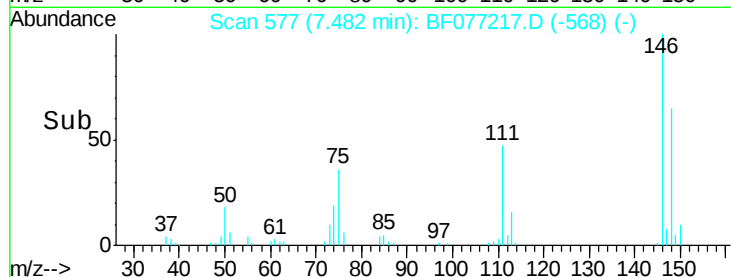
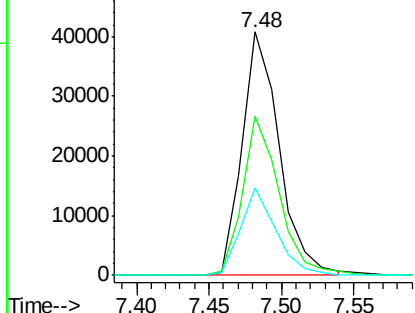
#12
 1,3-Dichlorobenzene
 Concen: 34.12 ng
 RT: 7.48 min Scan# 577
 Delta R.T. -0.00 min
 Lab File: BF077217.D
 Acq: 6 Feb 2015 23:47

Instrument :
 BNA_F
 ClientSampleId :
 PB81608BS

Tot Ion:146 Resp: 72326
 Ion Ratio Lower Upper
 146 100
 148 65.2 48.1 72.1
 75 35.8 26.8 40.2

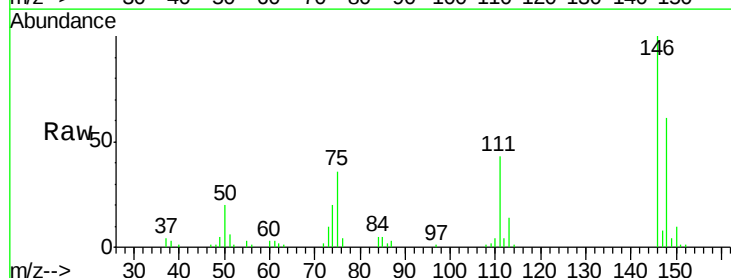


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

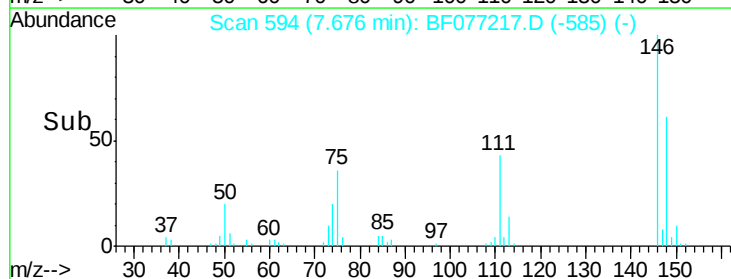
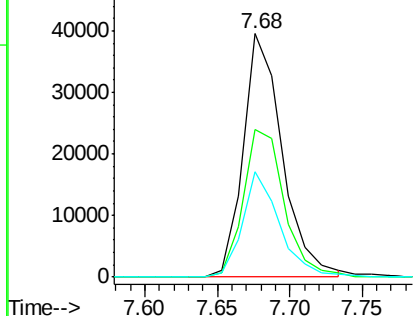


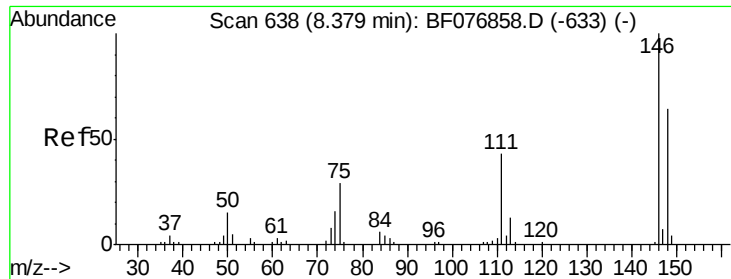
#13
 1,4-Dichlorobenzene
 Concen: 32.79 ng
 RT: 7.68 min Scan# 594
 Delta R.T. -0.00 min
 Lab File: BF077217.D
 Acq: 6 Feb 2015 23:47

Tgt Ion:146 Resp: 73703
 Ion Ratio Lower Upper
 146 100
 148 60.8 51.5 77.3
 111 43.2 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

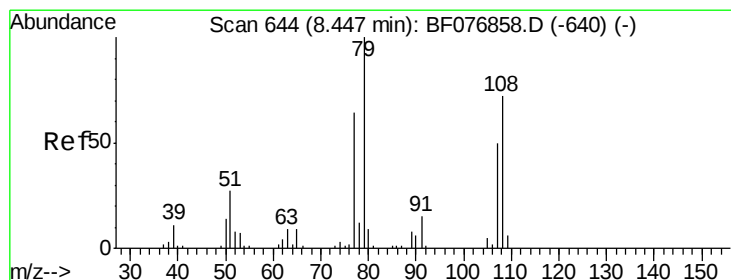
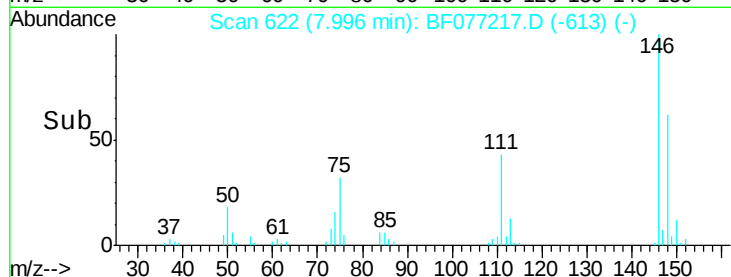
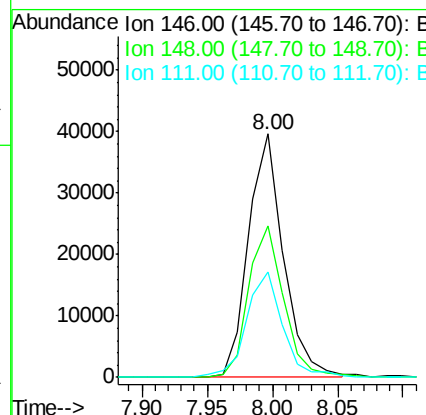
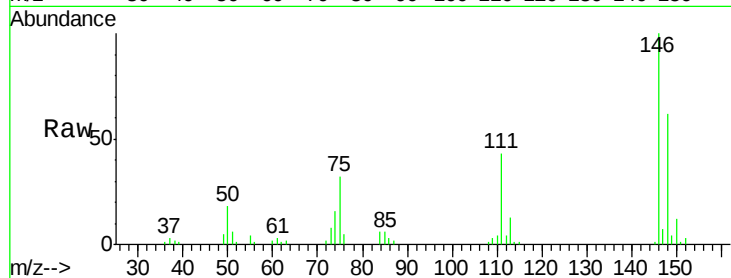




#14
 1,2-Dichlorobenzene
 Concen: 35.85 ng
 RT: 8.00 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF077217.D
 Acq: 6 Feb 2015 23:47

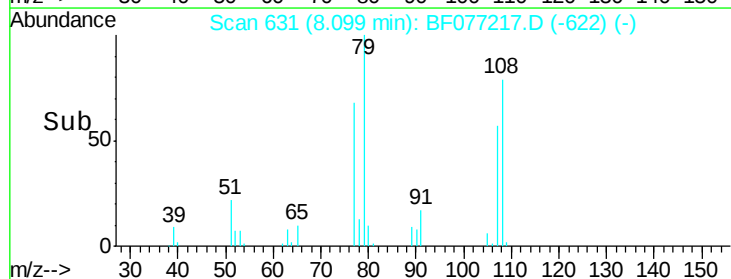
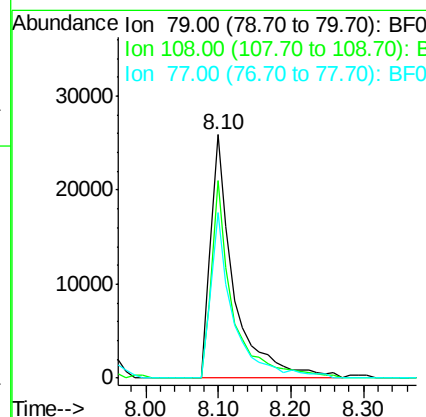
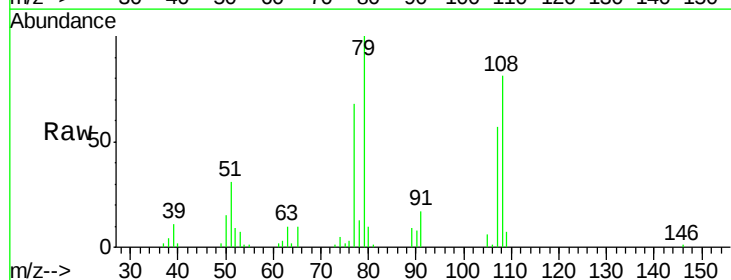
Instrument :
 BNA_F
 ClientSampleId :
 PB81608BS

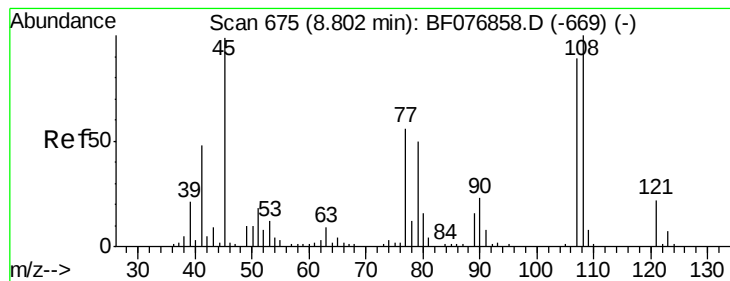
Tot Ion:146 Resp: 74242
 Ion Ratio Lower Upper
 146 100
 148 62.1 51.3 76.9
 111 43.2 34.5 51.7



#15
 Benzyl Alcohol
 Concen: 34.96 ng
 RT: 8.10 min Scan# 631
 Delta R.T. -0.00 min
 Lab File: BF077217.D
 Acq: 6 Feb 2015 23:47

Tgt Ion: 79 Resp: 57667
 Ion Ratio Lower Upper
 79 100
 108 80.9 57.2 85.8
 77 67.9 51.2 76.8





#16

2,2'-oxvbis(1-Chloropropane)

Concen: 35.58 ng

RT: 8.44 min Scan# 661

Delta R.T. -0.00 min

Lab File: BF077217.D

Acq: 6 Feb 2015 23:47

Instrument :

BNA_F

ClientSampleId :

PB81608BS

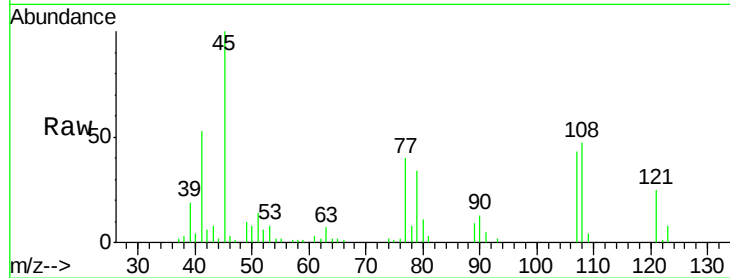
Tot Ion: 45 Resp: 81015

Ion Ratio Lower Upper

45 100

77 39.6 36.1 76.1

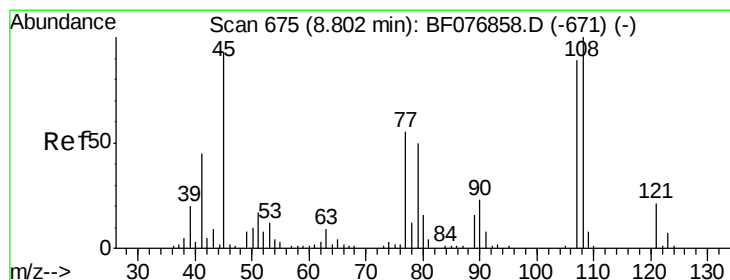
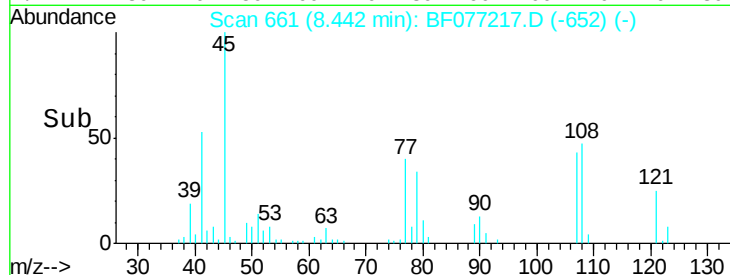
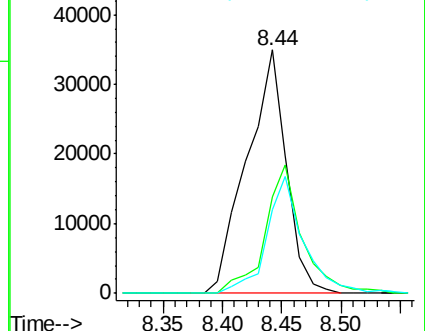
79 34.3 30.5 70.5



Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#17

2-Methylphenol

Concen: 35.37 ng

RT: 8.45 min Scan# 662

Delta R.T. -0.00 min

Lab File: BF077217.D

Acq: 6 Feb 2015 23:47

Tgt Ion: 107 Resp: 53844

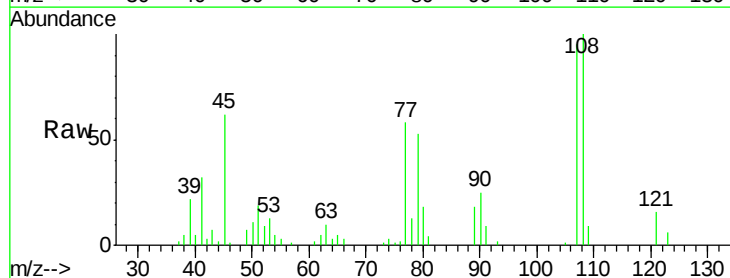
Ion Ratio Lower Upper

107 100

108 105.4 89.7 134.5

77 61.1 50.1 75.1

79 55.9 45.0 67.6

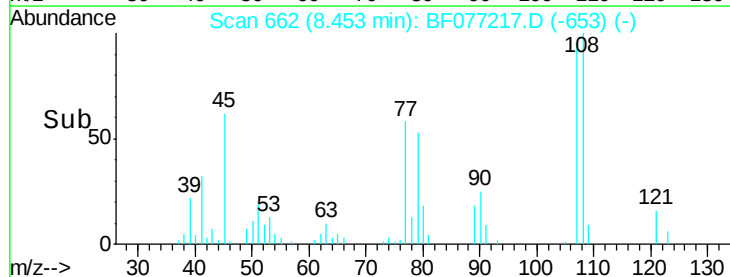
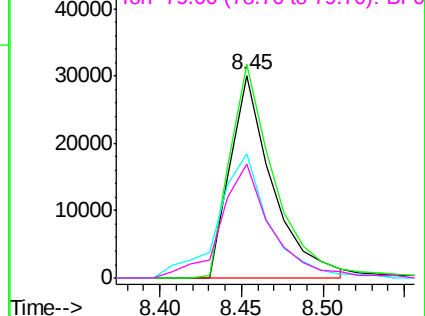


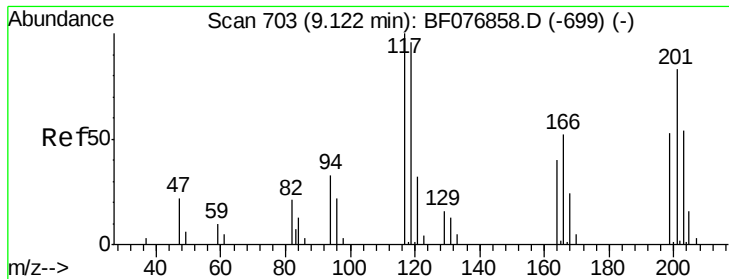
Abundance Ion 107.00 (106.70 to 107.70): E

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

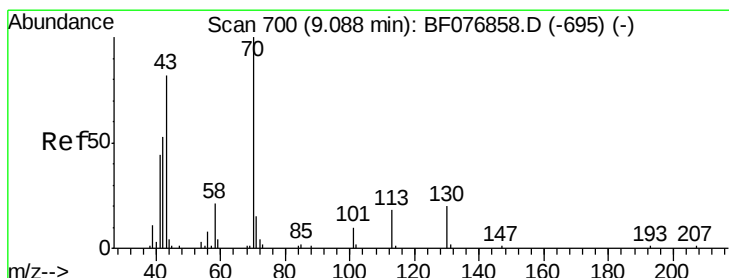
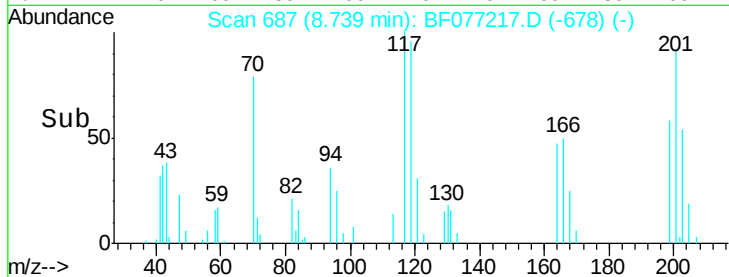
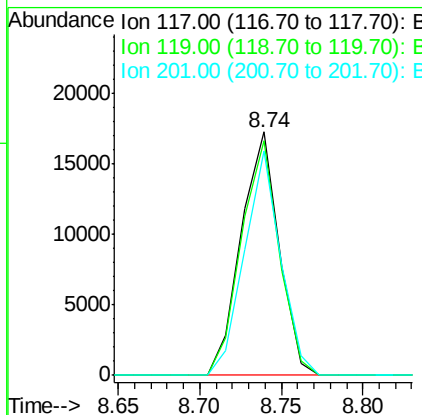
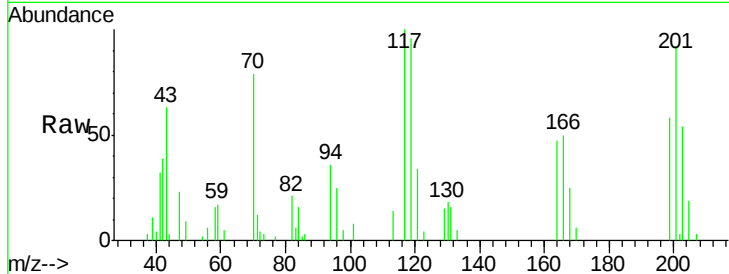




#18
 Hexachloroethane
 Concen: 35.58 ng
 RT: 8.74 min Scan# 687
 Delta R.T. -0.00 min
 Lab File: BF077217.D
 Acq: 6 Feb 2015 23:47

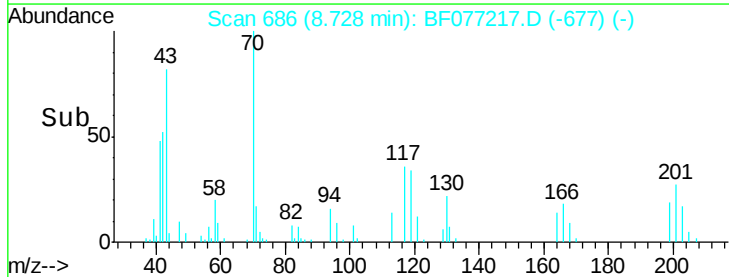
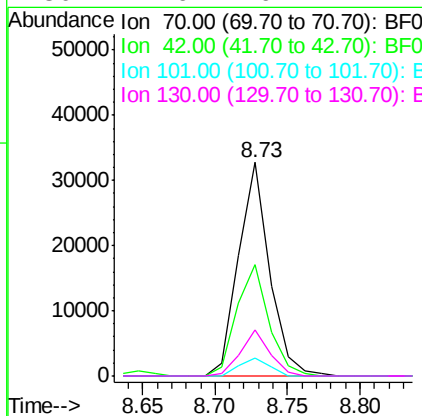
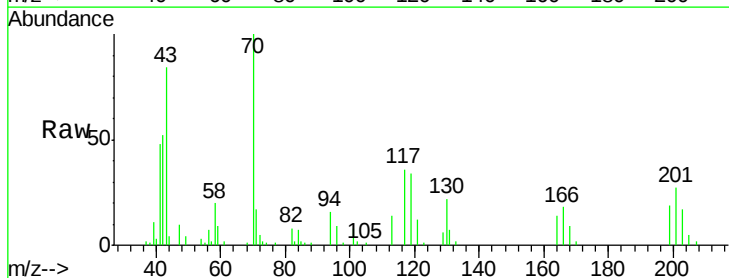
Instrument :
 BNA_F
 ClientSampleId :
 PB81608BS

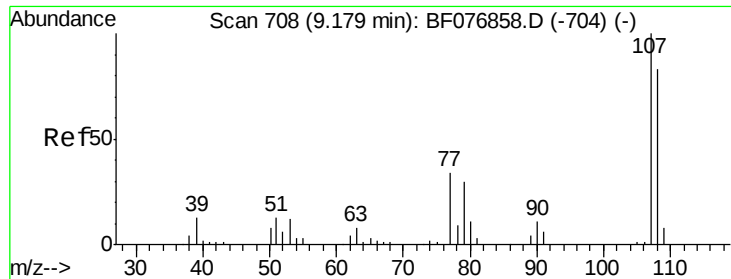
Tot Ion:117 Resp: 27815
 Ion Ratio Lower Upper
 117 100
 119 96.3 77.1 115.7
 201 92.0 66.8 100.2



#19
 n-Nitroso-di-n-propylamine
 Concen: 34.24 ng
 RT: 8.73 min Scan# 686
 Delta R.T. -0.00 min
 Lab File: BF077217.D
 Acq: 6 Feb 2015 23:47

Tgt Ion: 70 Resp: 48862
 Ion Ratio Lower Upper
 70 100
 42 52.3 42.1 63.1
 101 8.3 7.8 11.8
 130 21.6 16.2 24.4

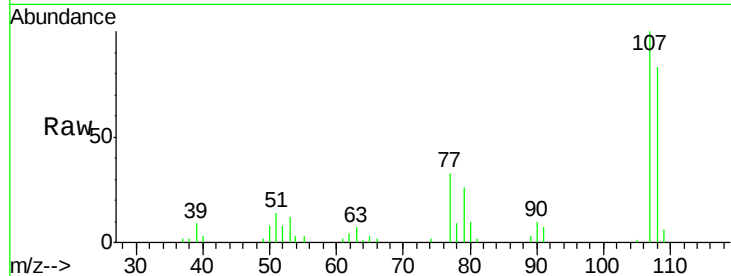




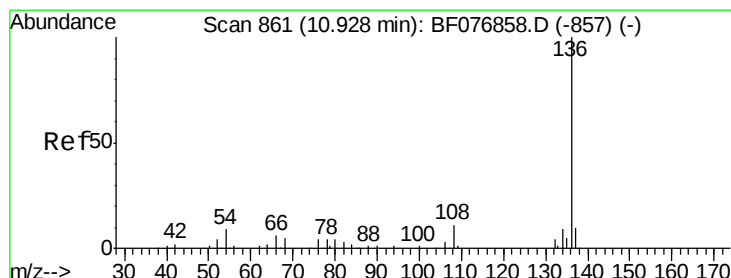
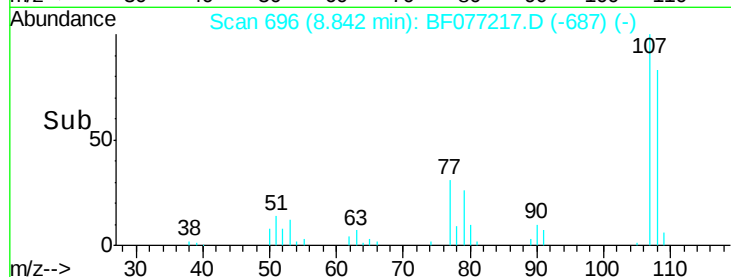
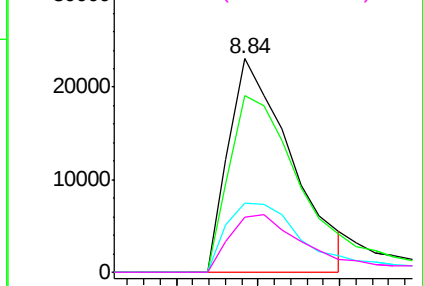
#20
3+4-Methylphenols
Concen: 30.49 ng
RT: 8.84 min Scan# 696
Delta R.T. -0.00 min
Lab File: BF077217.D
Acq: 6 Feb 2015 23:47

Instrument :
BNA_F
ClientSampleId :
PB81608BS

Tot Ion:107	Resp:	61469
Ion	Ratio	Lower Upper
107	100	
108	82.6	63.5 103.5
77	32.7	14.0 54.0
79	25.5	9.9 49.9

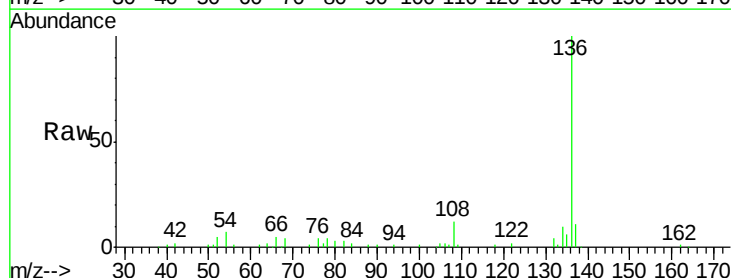


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

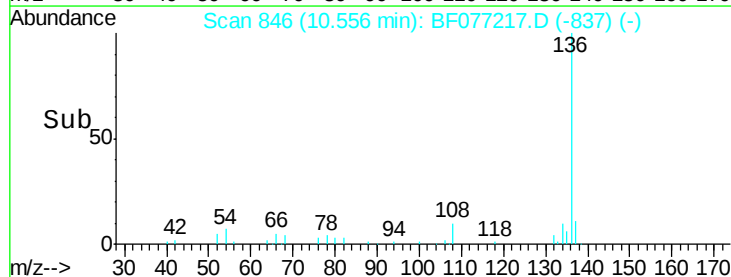
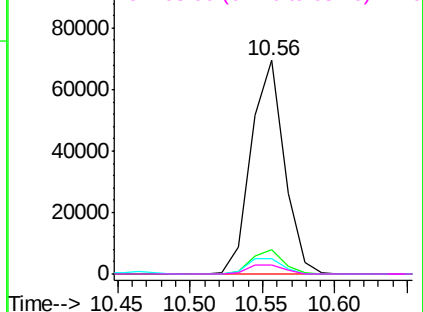


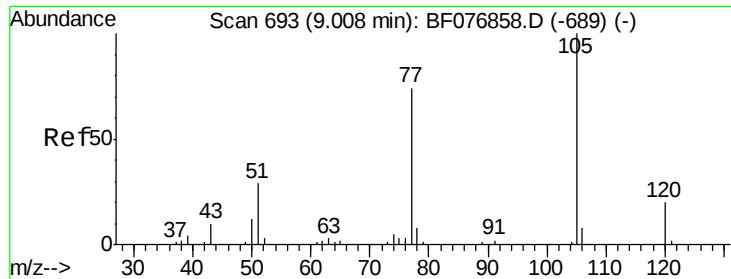
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.56 min Scan# 846
Delta R.T. -0.00 min
Lab File: BF077217.D
Acq: 6 Feb 2015 23:47

Tgt Ion:136	Resp:	110101
Ion	Ratio	Lower Upper
136	100	
137	11.4	8.1 12.1
54	7.2	7.0 10.4
68	4.3	3.7 5.5



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

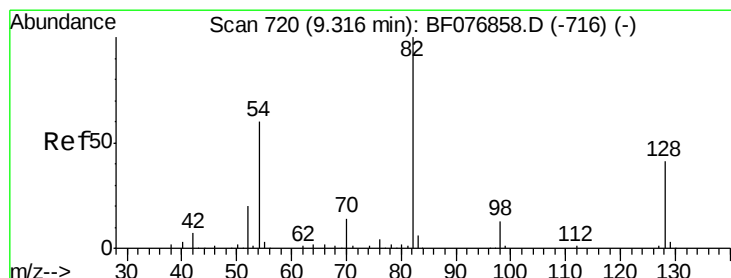
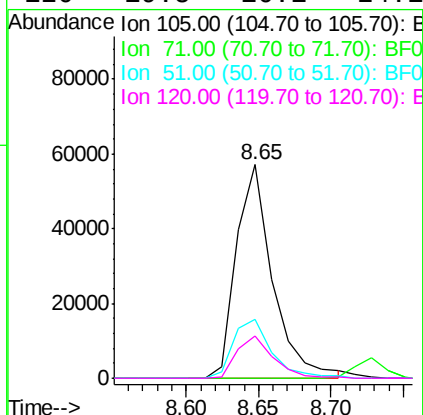
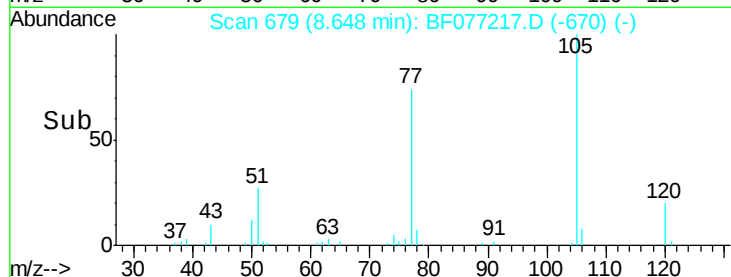
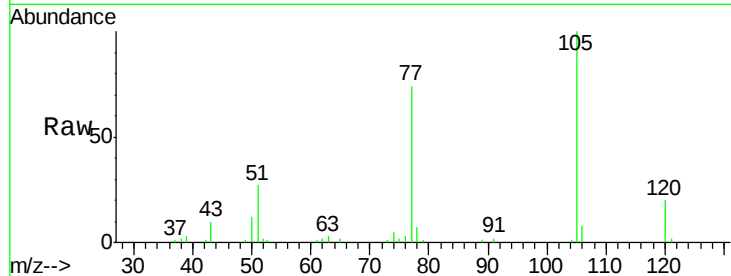




#22
Acetophenone
Concen: 36.71 ng
RT: 8.65 min Scan# 679
Delta R.T. -0.00 min
Lab File: BF077217.D
Acq: 6 Feb 2015 23:47

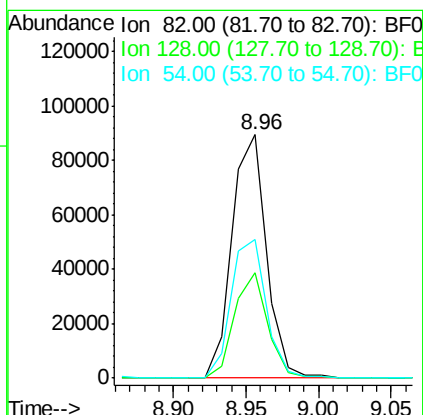
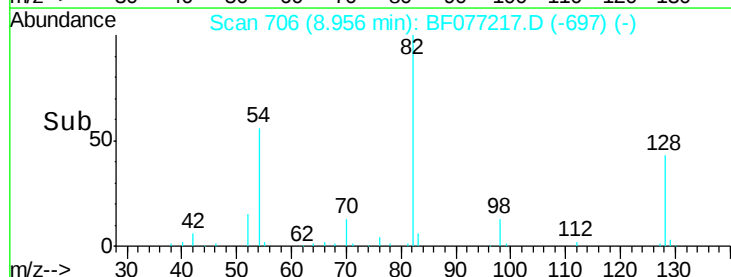
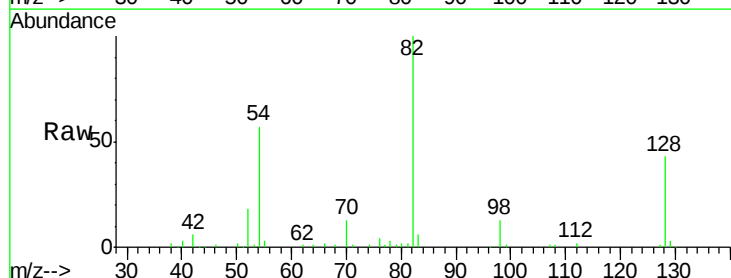
Instrument :
BNA_F
ClientSampleId :
PB81608BS

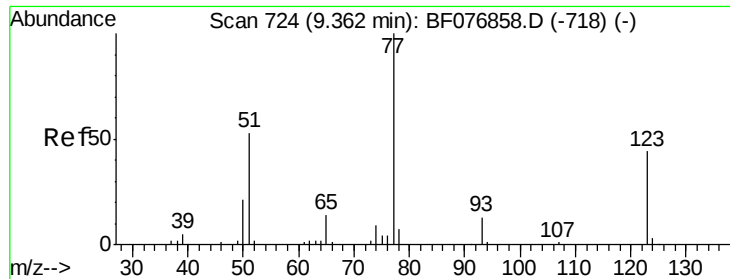
Tot Ion:	105	Resp:	98999
Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.0	0.0
51	27.4	23.3	34.9
120	19.5	16.1	24.1



#23
Nitrobenzene-d5
Concen: 74.33 ng
RT: 8.96 min Scan# 706
Delta R.T. -0.00 min
Lab File: BF077217.D
Acq: 6 Feb 2015 23:47

Tgt Ion:	82	Resp:	147710
Ion	Ratio	Lower	Upper
82	100		
128	43.3	33.1	49.7
54	57.1	48.3	72.5

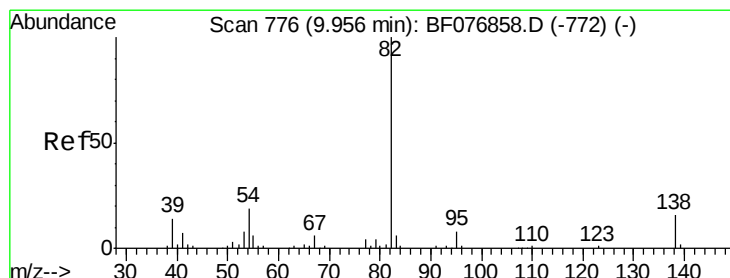
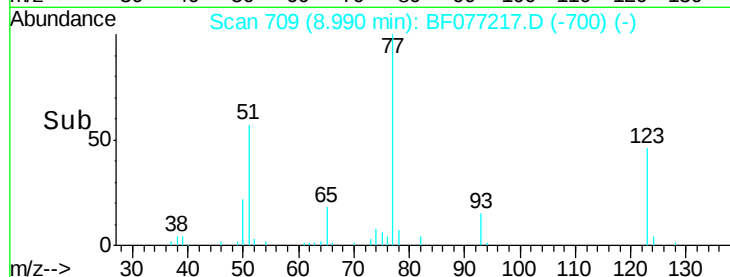
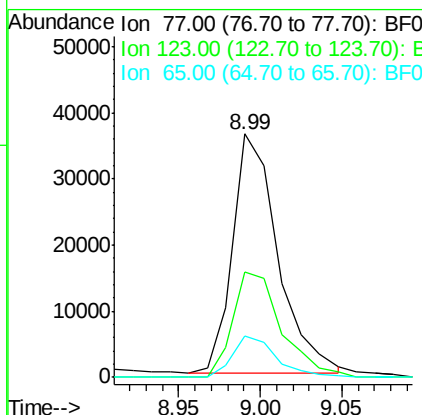
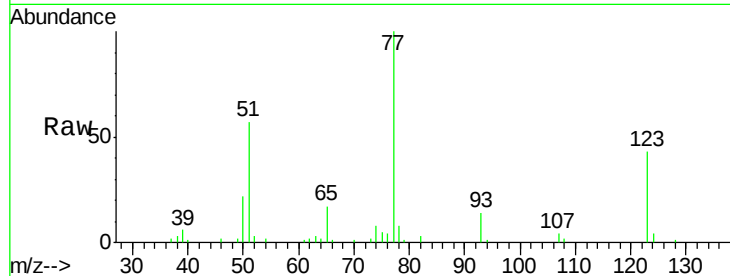




#24
Nitrobenzene
Concen: 34.26 ng
RT: 8.99 min Scan# 709
Delta R.T. -0.00 min
Lab File: BF077217.D
Acq: 6 Feb 2015 23:47

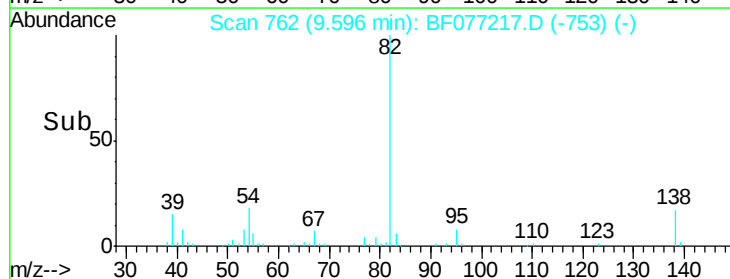
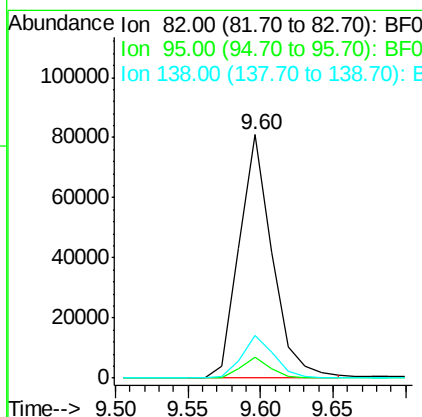
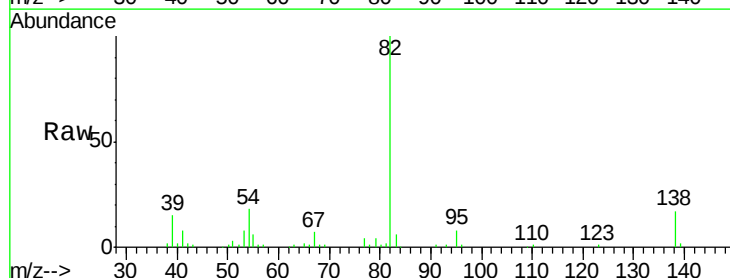
Instrument :
BNA_F
ClientSampleId :
PB81608BS

Tot Ion: 77 Resp: 69355
Ion Ratio Lower Upper
77 100
123 43.3 35.2 52.8
65 17.1 11.4 17.2



#25
Isophorone
Concen: 35.49 ng
RT: 9.60 min Scan# 762
Delta R.T. -0.00 min
Lab File: BF077217.D
Acq: 6 Feb 2015 23:47

Tgt Ion: 82 Resp: 128450
Ion Ratio Lower Upper
82 100
95 8.3 6.6 10.0
138 17.5 12.6 18.8

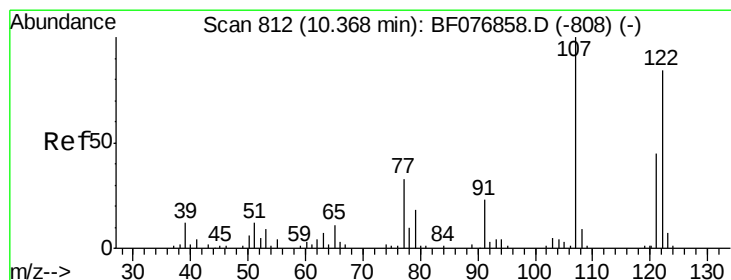
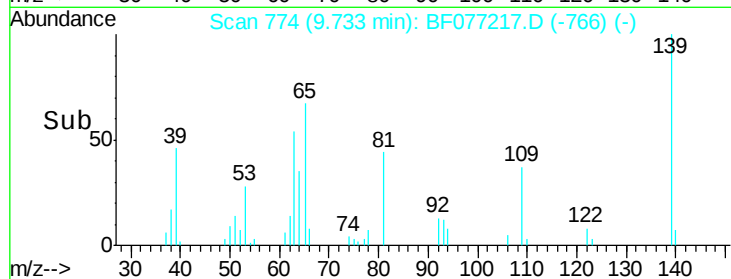
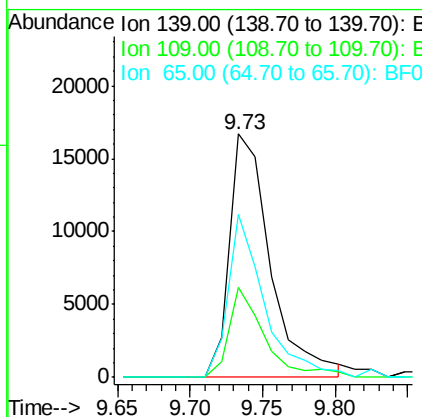
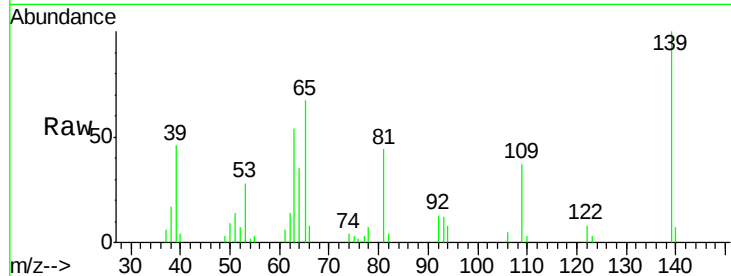




#26
2-Nitrophenol
Concen: 32.26 ng
RT: 9.73 min Scan# 774
Delta R.T. -0.01 min
Lab File: BF077217.D
Acq: 6 Feb 2015 23:47

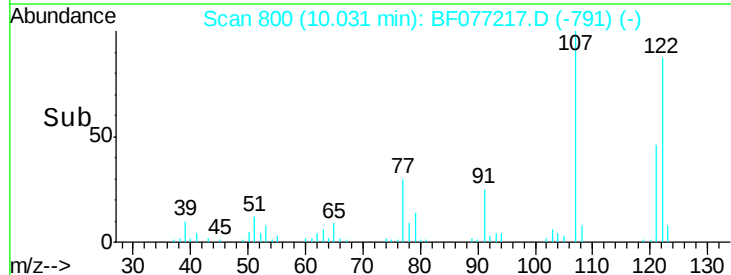
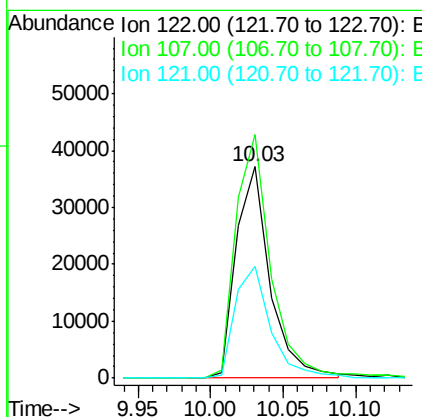
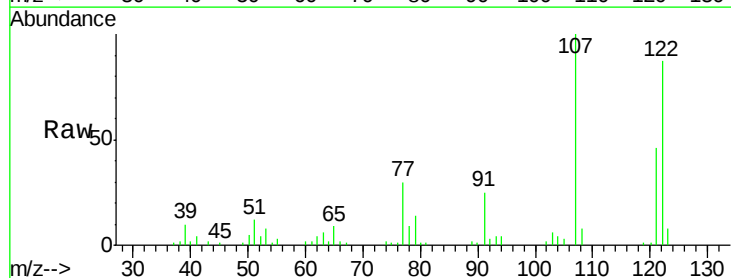
Instrument :
BNA_F
ClientSampleId :
PB81608BS

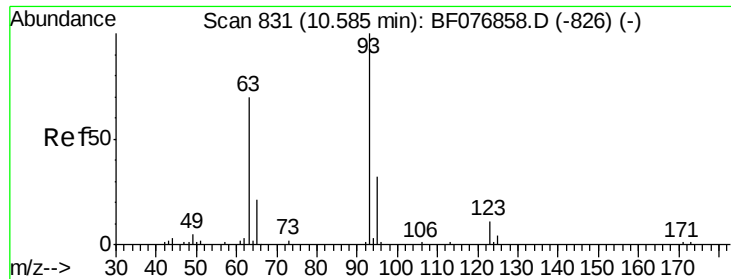
Tot Ion:139 Resp: 32821
Ion Ratio Lower Upper
139 100
109 36.9 21.3 31.9#
65 67.0 39.4 59.0#



#27
2,4-Dimethylphenol
Concen: 38.59 ng
RT: 10.03 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF077217.D
Acq: 6 Feb 2015 23:47

Tgt Ion:122 Resp: 60413
Ion Ratio Lower Upper
122 100
107 115.3 95.2 142.8
121 53.0 42.9 64.3

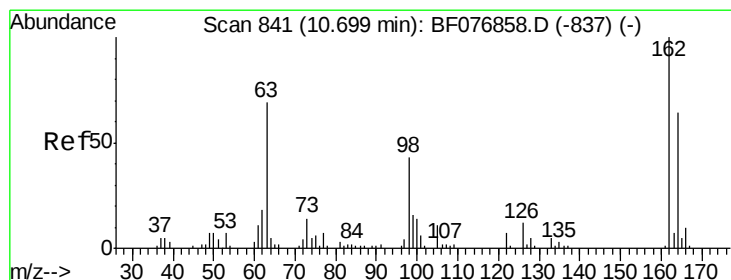
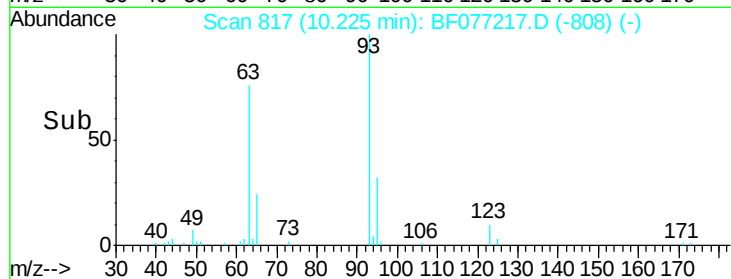
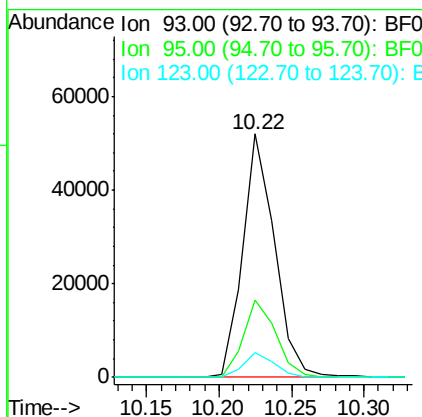
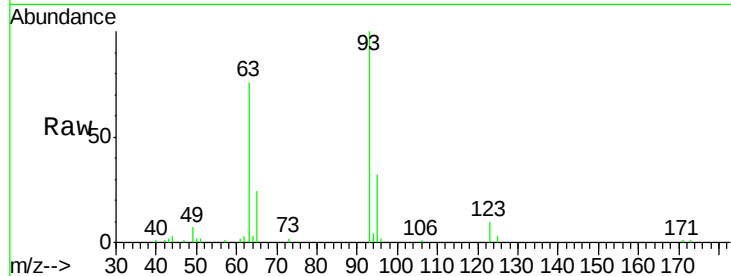




#28
bis(2-Chloroethoxy)methane
Concen: 38.62 ng
RT: 10.22 min Scan# 817
Delta R.T. -0.00 min
Lab File: BF077217.D
Acq: 6 Feb 2015 23:47

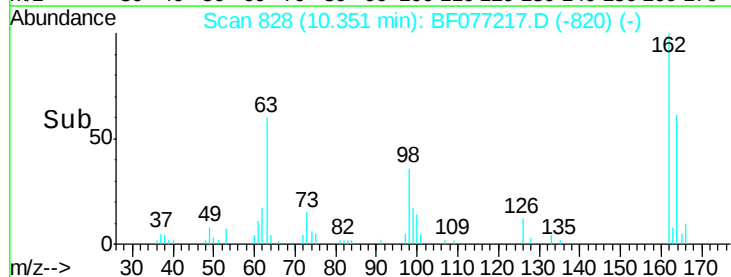
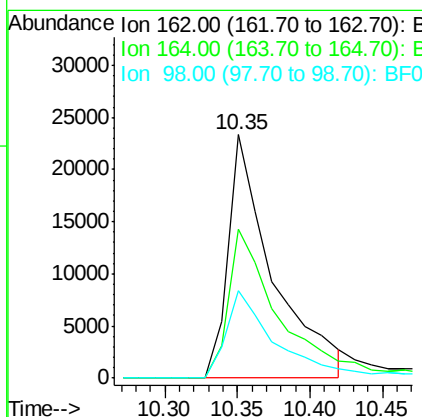
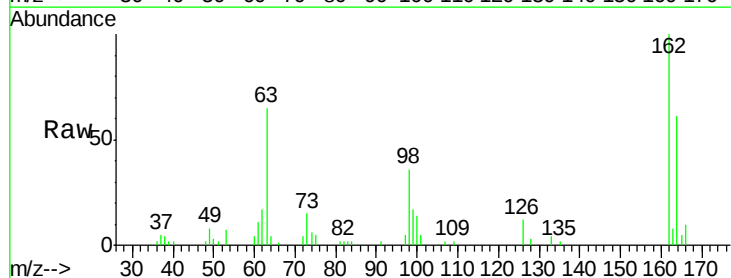
Instrument :
BNA_F
ClientSampleId :
PB81608BS

Tot Ion: 93 Resp: 79454
Ion Ratio Lower Upper
93 100
95 31.8 25.6 38.4
123 10.3 8.9 13.3



#29
2,4-Dichlorophenol
Concen: 34.25 ng
RT: 10.35 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF077217.D
Acq: 6 Feb 2015 23:47

Tgt Ion: 162 Resp: 49981
Ion Ratio Lower Upper
162 100
164 61.1 43.8 83.8
98 36.0 22.5 62.5

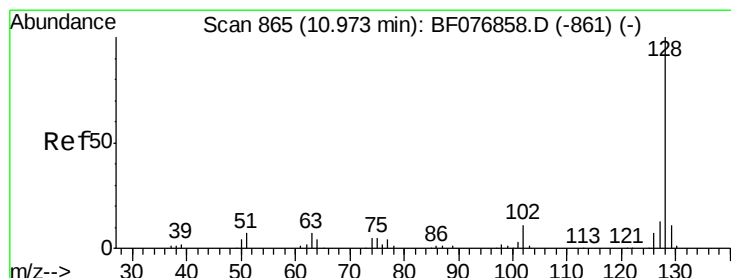
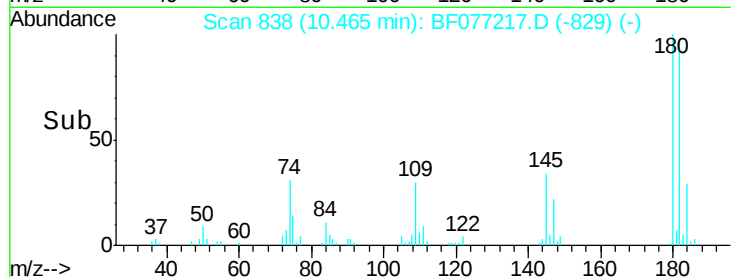
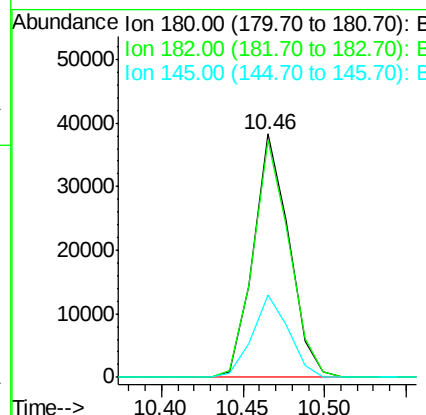
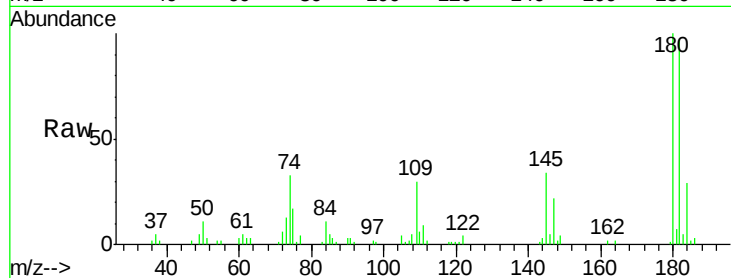




#30
 1,2,4-Trichlorobenzene
 Concen: 35.95 ng
 RT: 10.46 min Scan# 838
 Delta R.T. -0.00 min
 Lab File: BF077217.D
 Acq: 6 Feb 2015 23:47

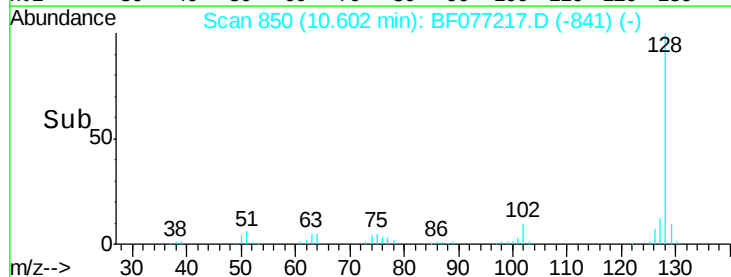
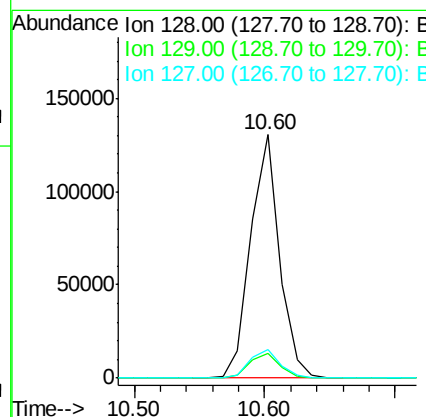
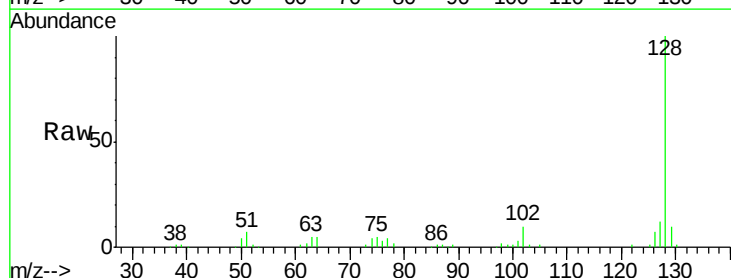
Instrument :
 BNA_F
 ClientSampleId :
 PB81608BS

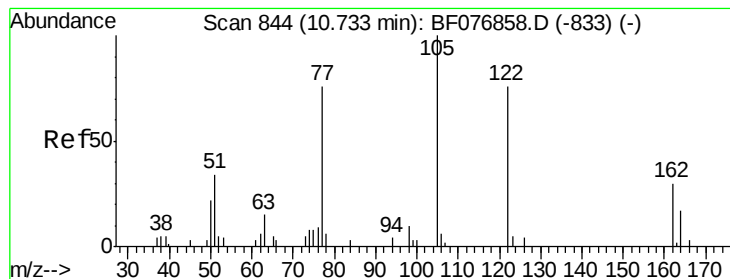
Tot Ion:180 Resp: 58265
 Ion Ratio Lower Upper
 180 100
 182 97.3 73.6 110.4
 145 33.6 26.6 39.8



#31
 Naphthalene
 Concen: 35.66 ng
 RT: 10.60 min Scan# 850
 Delta R.T. -0.00 min
 Lab File: BF077217.D
 Acq: 6 Feb 2015 23:47

Tgt Ion:128 Resp: 202125
 Ion Ratio Lower Upper
 128 100
 129 10.2 9.0 13.6
 127 12.0 10.2 15.2





#32

Benzoic acid

Concen: 11.58 ng

RT: 10.43 min Scan# 835

Delta R.T. -0.05 min

Lab File: BF077217.D

Acq: 6 Feb 2015 23:47

Instrument :

BNA_F

ClientSampleId :

PB81608BS

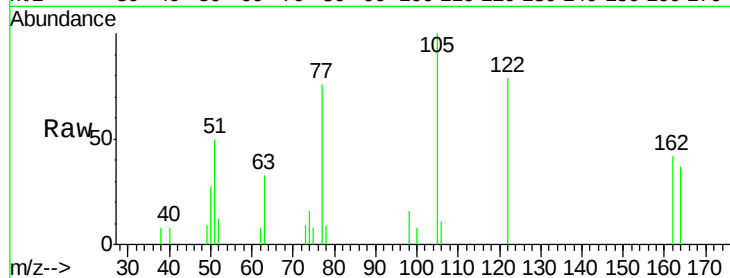
Tot Ion:122 Resp: 10042

Ion Ratio Lower Upper

122 100

105 126.2 111.3 151.3

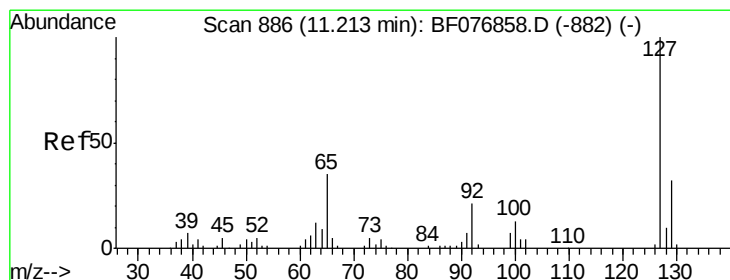
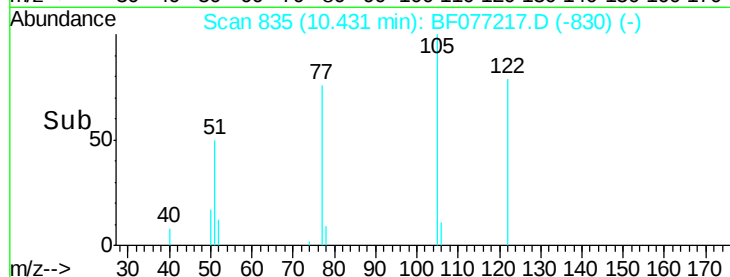
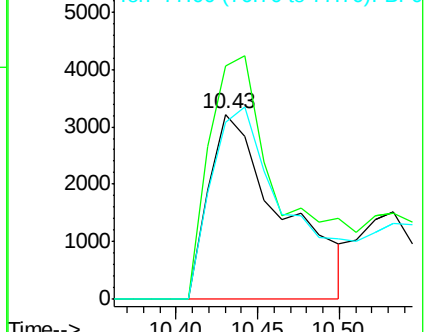
77 95.6 79.2 119.2



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: 16.34 ng

RT: 10.86 min Scan# 873

Delta R.T. -0.00 min

Lab File: BF077217.D

Acq: 6 Feb 2015 23:47

Tgt Ion:127 Resp: 37437

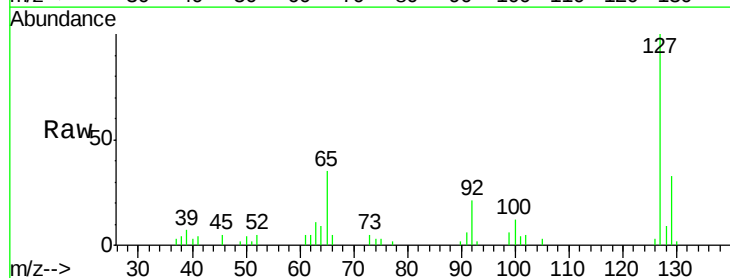
Ion Ratio Lower Upper

127 100

129 32.8 25.3 37.9

65 34.6 27.8 41.6

92 21.0 16.5 24.7

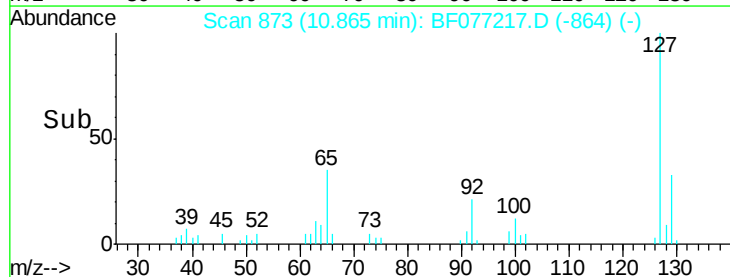
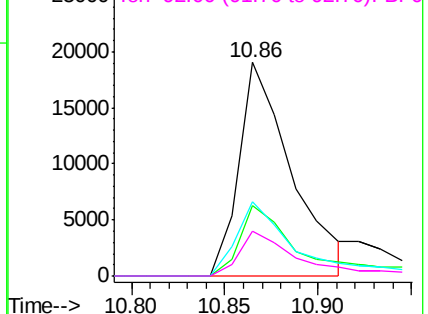


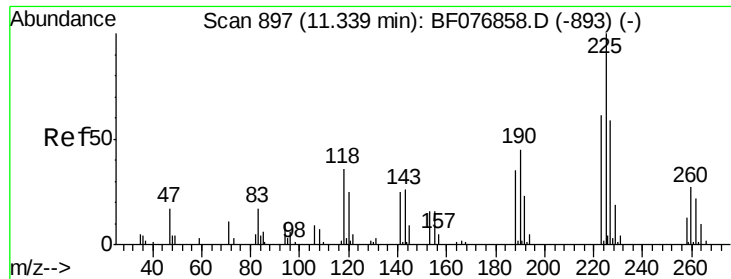
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

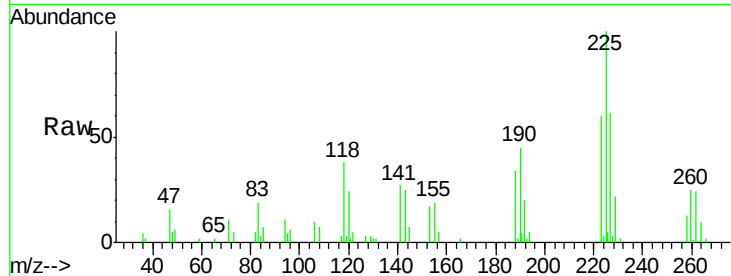




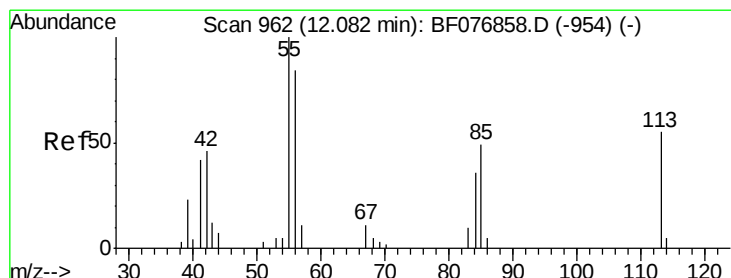
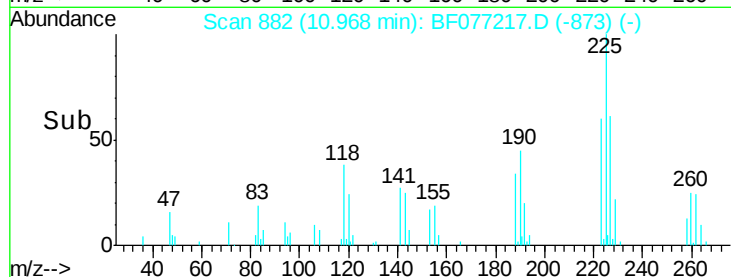
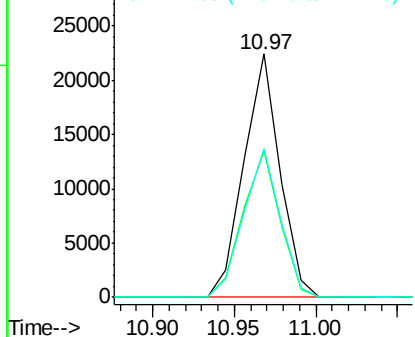
#34
Hexachlorobutadiene
Concen: 35.57 ng
RT: 10.97 min Scan# 882
Delta R.T. -0.00 min
Lab File: BF077217.D
Acq: 6 Feb 2015 23:47

Instrument :
BNA_F
ClientSampleId :
PB81608BS

Tot Ion:225 Resp: 34204
Ion Ratio Lower Upper
225 100
223 60.1 49.1 73.7
227 61.1 47.5 71.3

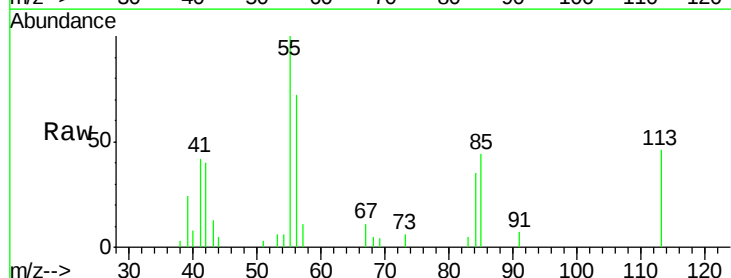


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

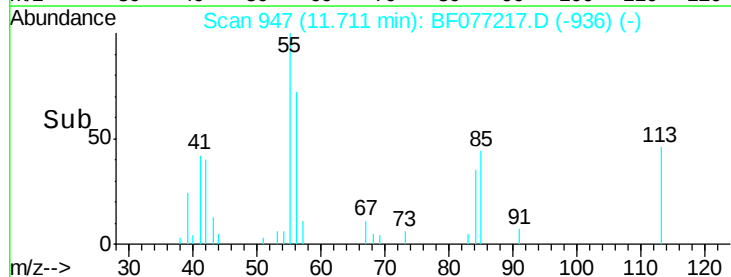
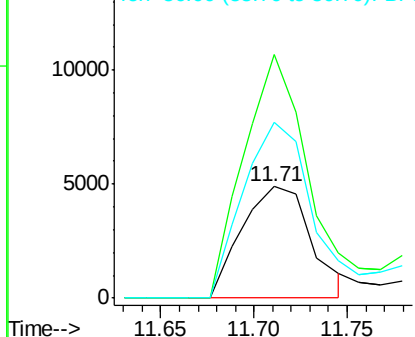


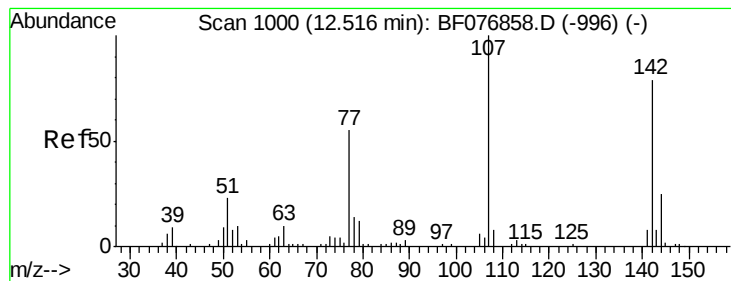
#35
Caprolactam
Concen: 29.41 ng
RT: 11.71 min Scan# 947
Delta R.T. 0.02 min
Lab File: BF077217.D
Acq: 6 Feb 2015 23:47

Tgt Ion:113 Resp: 12632
Ion Ratio Lower Upper
113 100
55 219.1 162.1 202.1#
56 157.9 133.7 173.7



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0





#36

4-Chloro-3-methylphenol

Concen: 36.03 ng

RT: 12.18 min Scan# 988

Delta R.T. -0.00 min

Lab File: BF077217.D

Acq: 6 Feb 2015 23:47

Instrument :

BNA_F

ClientSampleId :

PB81608BS

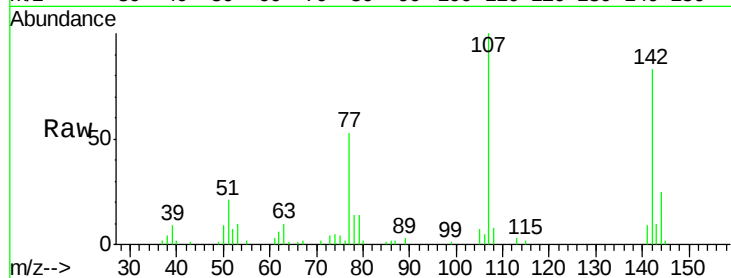
Tot Ion:107 Resp: 60191

Ion Ratio Lower Upper

107 100

144 25.5 20.0 30.0

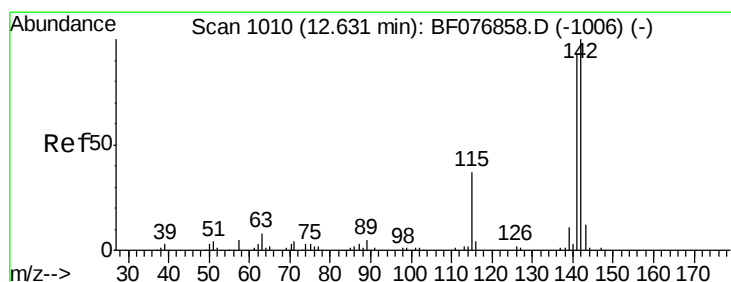
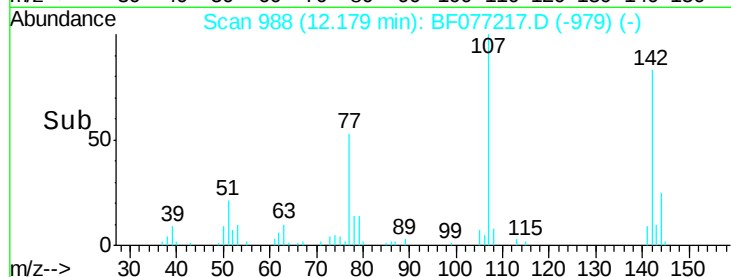
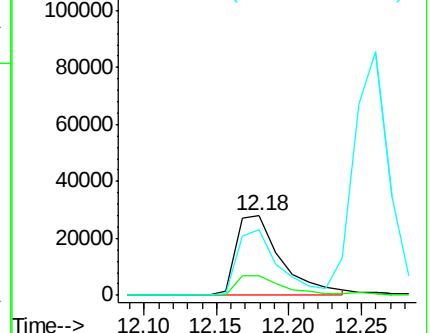
142 83.4 63.5 95.3



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#37

2-Methylnaphthalene

Concen: 36.64 ng

RT: 12.26 min Scan# 995

Delta R.T. -0.00 min

Lab File: BF077217.D

Acq: 6 Feb 2015 23:47

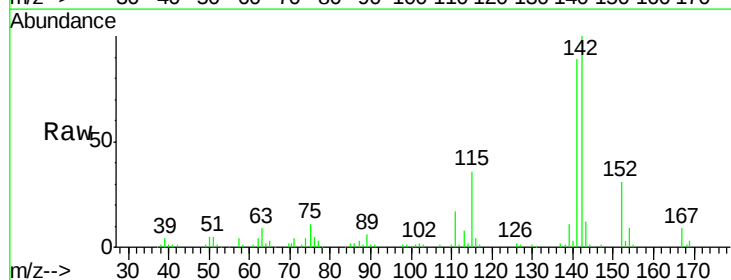
Tgt Ion:142 Resp: 141855

Ion Ratio Lower Upper

142 100

141 88.8 74.5 111.7

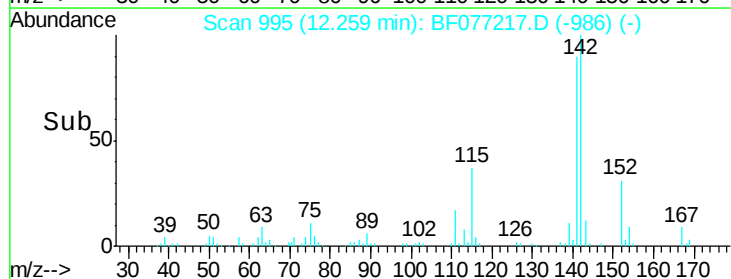
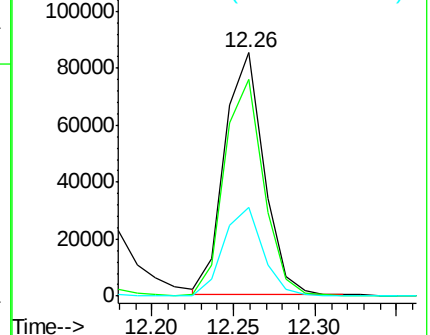
115 36.4 29.7 44.5

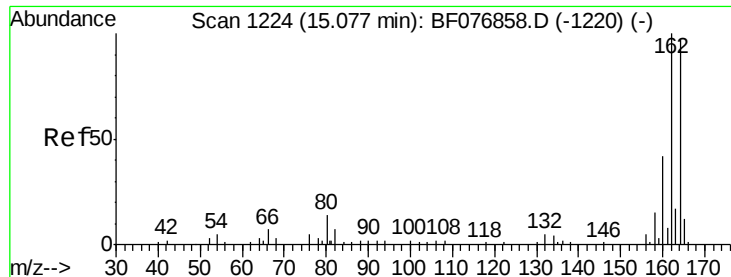


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.67 min Scan# 1206

Delta R.T. -0.00 min

Lab File: BF077217.D

Acq: 6 Feb 2015 23:47

Instrument :

BNA_F

ClientSampleId :

PB81608BS

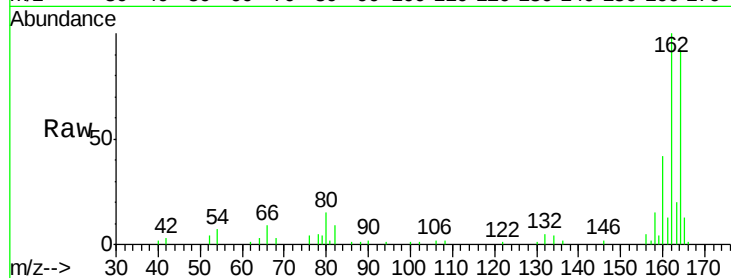
Tot Ion:164 Resp: 54895

Ion Ratio Lower Upper

164 100

162 109.1 82.4 123.6

160 46.3 34.8 52.2

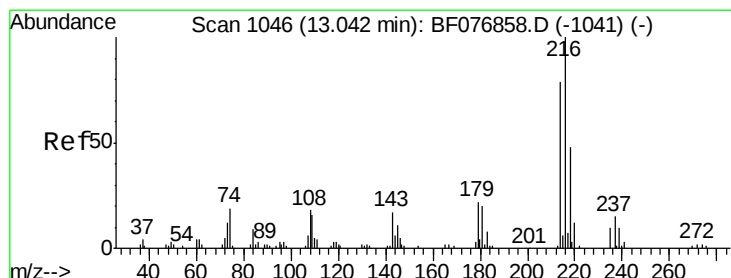
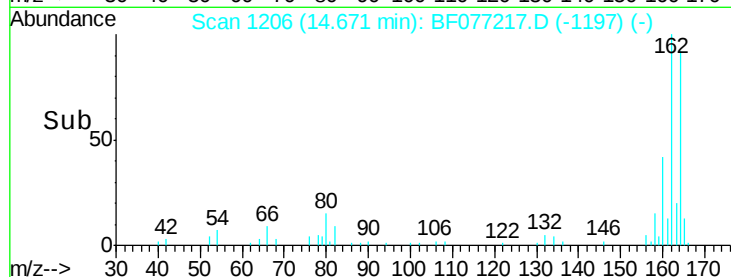
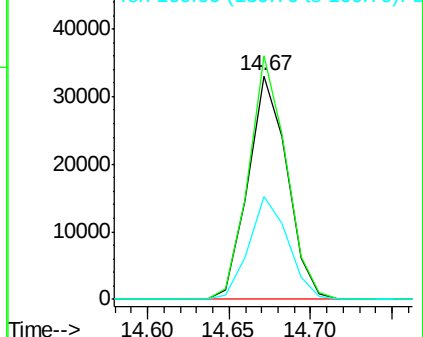


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.42 ng

RT: 12.66 min Scan# 1030

Delta R.T. -0.00 min

Lab File: BF077217.D

Acq: 6 Feb 2015 23:47

Tgt Ion:216 Resp: 54855

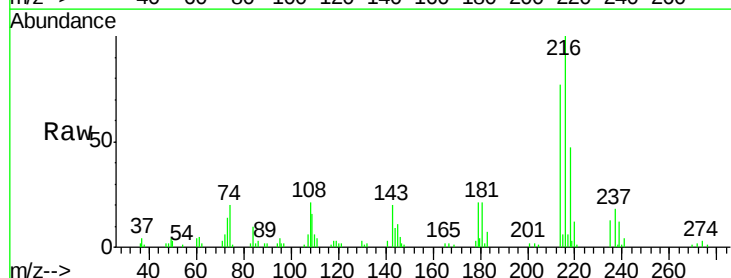
Ion Ratio Lower Upper

216 100

214 78.4 64.9 97.3

179 23.1 18.6 28.0

108 25.8 18.1 27.1



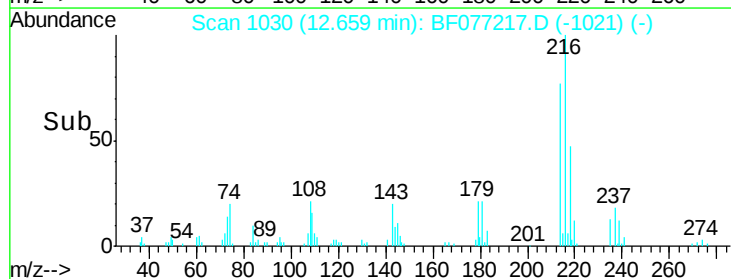
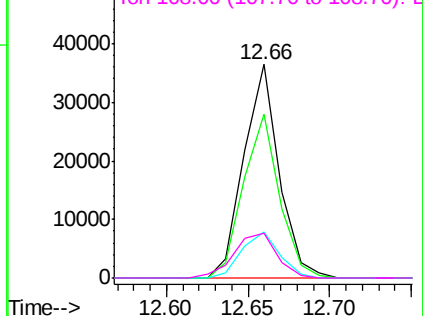
Abundance

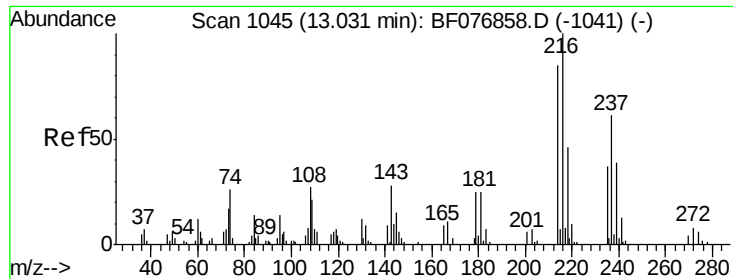
Ion 216.00 (215.70 to 216.70): E

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

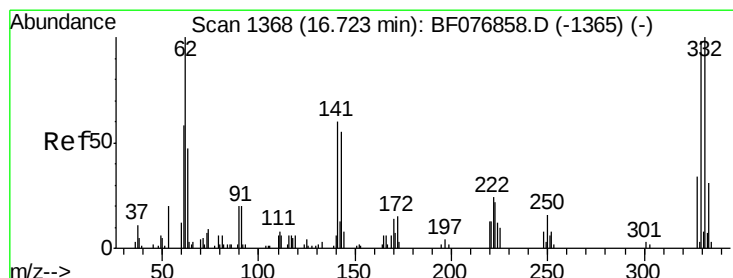
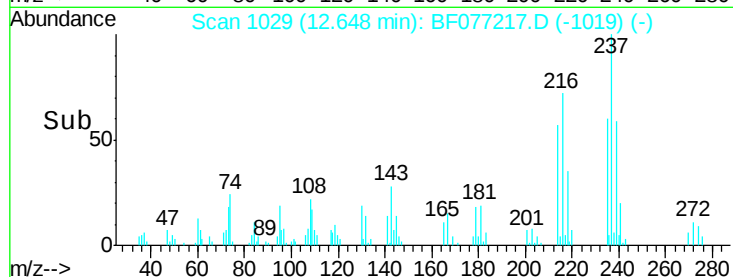
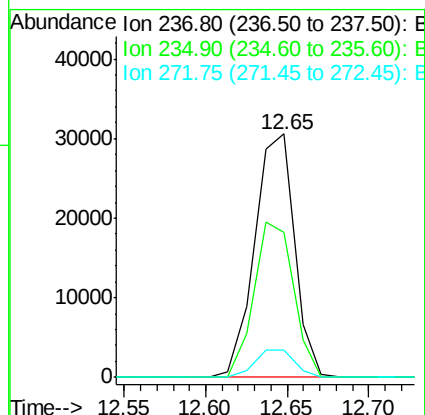
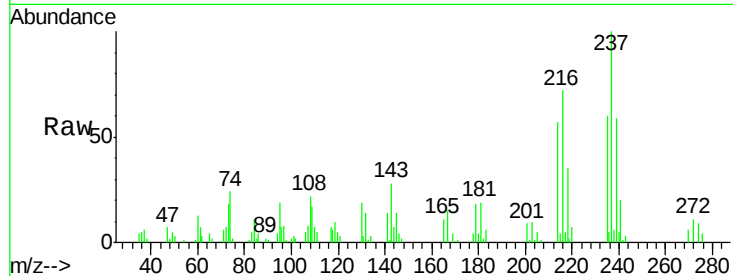




#40
Hexachlorocyclopentadiene
Concen: 71.78 ng
RT: 12.65 min Scan# 1029
Delta R.T. 0.01 min
Lab File: BF077217.D
Acq: 6 Feb 2015 23:47

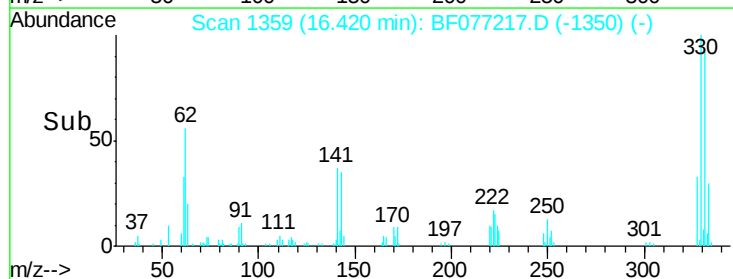
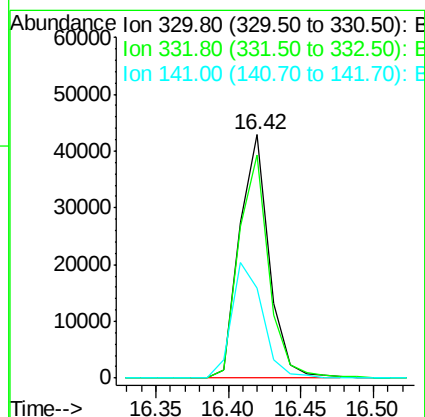
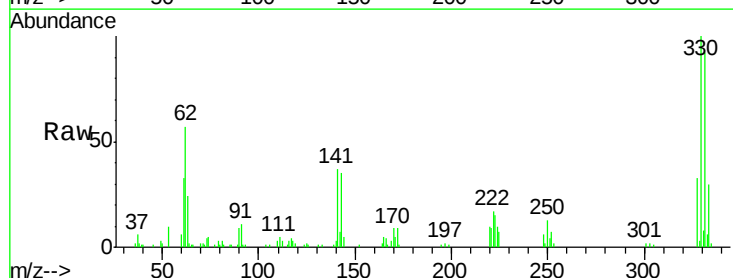
Instrument :
BNA_F
ClientSampleId :
PB81608BS

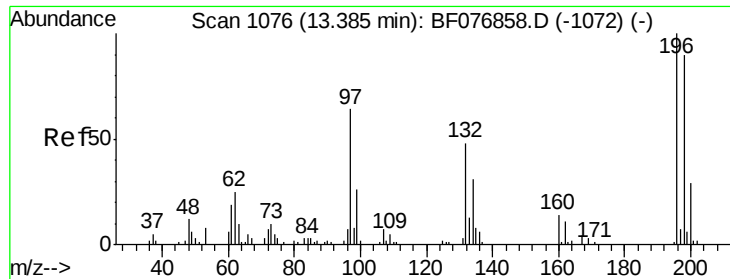
Tot Ion:237 Resp: 52076
Ion Ratio Lower Upper
237 100
235 59.6 40.4 80.4
272 11.4 0.0 33.2



#41
2,4,6-Tribromophenol
Concen: 136.77 ng
RT: 16.42 min Scan# 1359
Delta R.T. -0.00 min
Lab File: BF077217.D
Acq: 6 Feb 2015 23:47

Tgt Ion:330 Resp: 60943
Ion Ratio Lower Upper
330 100
332 93.0 77.8 116.6
141 49.3 38.5 57.7

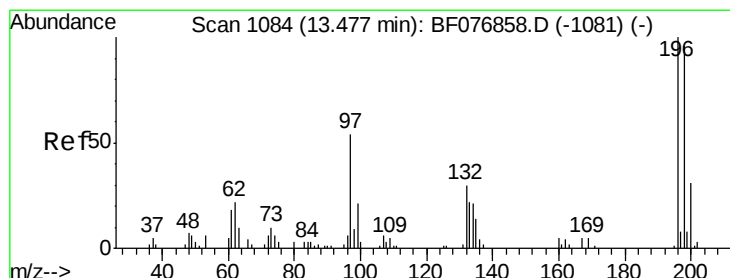
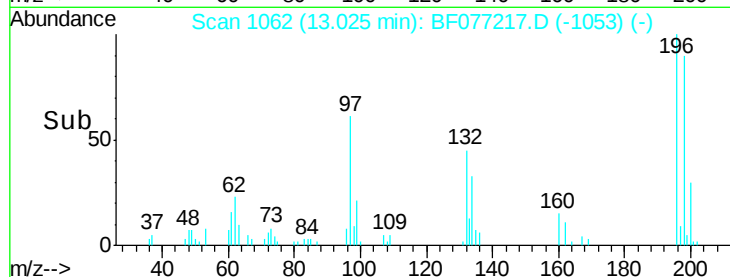
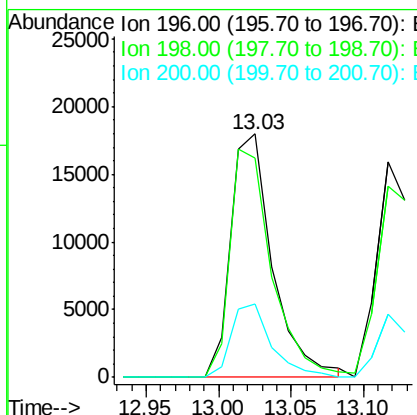
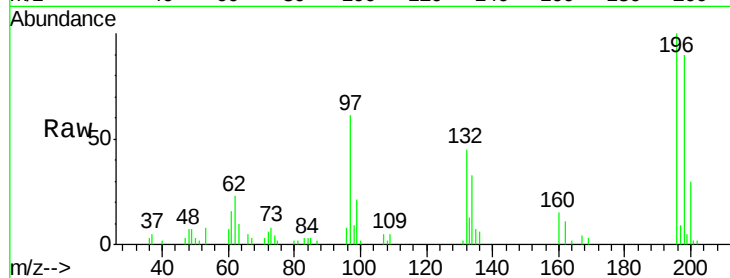




#42
2,4,6-Trichlorophenol
Concen: 36.38 ng
RT: 13.03 min Scan# 1062
Delta R.T. -0.00 min
Lab File: BF077217.D
Acq: 6 Feb 2015 23:47

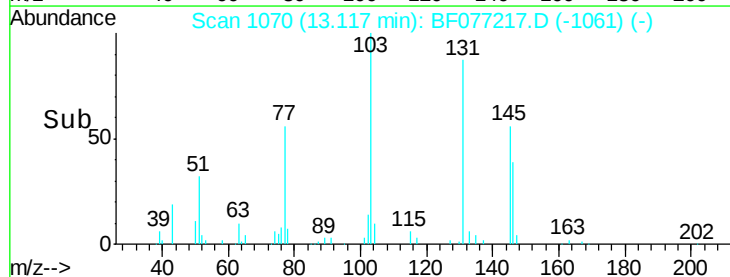
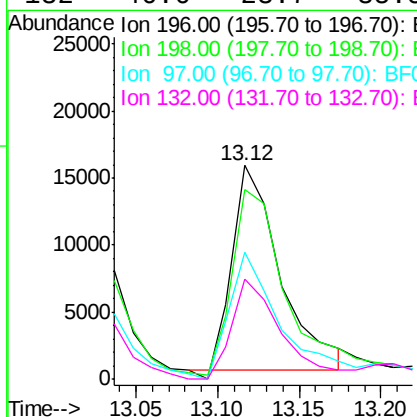
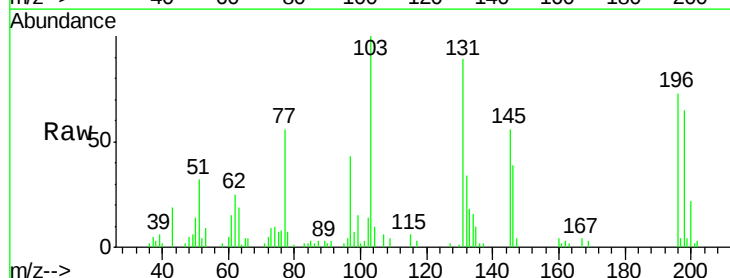
Instrument :
BNA_F
ClientSampleId :
PB81608BS

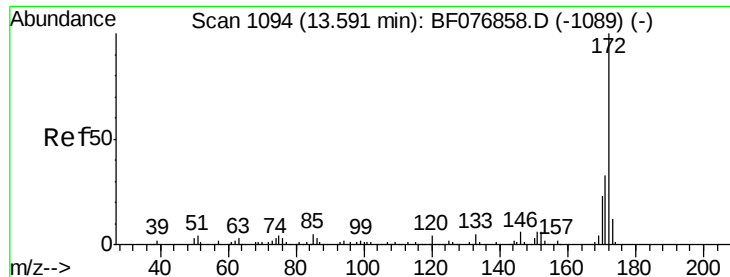
Tot Ion:196 Resp: 35973
Ion Ratio Lower Upper
196 100
198 89.9 72.0 108.0
200 30.2 23.4 35.2



#43
2,4,5-Trichlorophenol
Concen: 30.80 ng
RT: 13.12 min Scan# 1070
Delta R.T. -0.00 min
Lab File: BF077217.D
Acq: 6 Feb 2015 23:47

Tgt Ion:196 Resp: 31064
Ion Ratio Lower Upper
196 100
198 88.5 76.6 115.0
97 59.2 43.4 65.0
132 46.6 23.7 35.5#

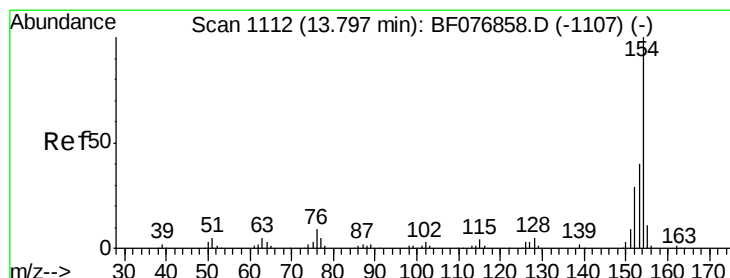
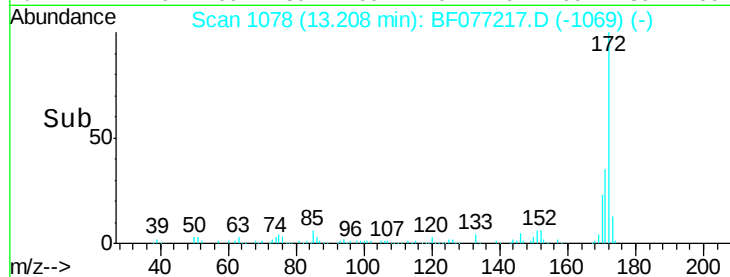
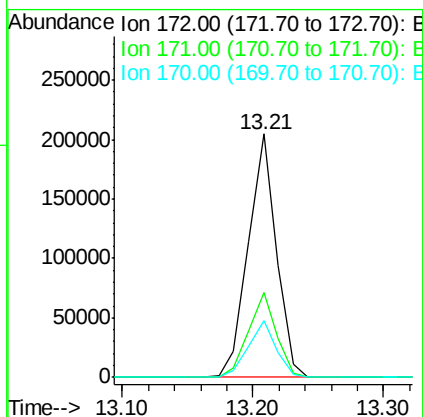
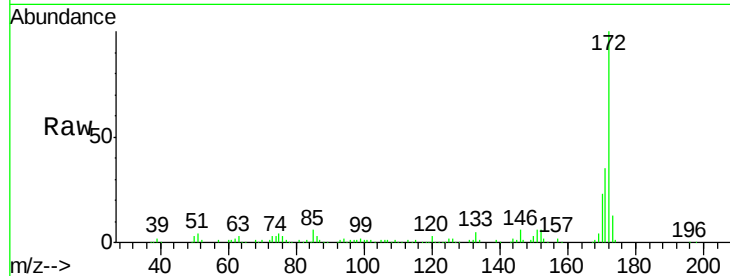




#44
2-Fluorobiphenyl
Concen: 85.14 ng
RT: 13.21 min Scan# 1078
Delta R.T. -0.00 min
Lab File: BF077217.D
Acq: 6 Feb 2015 23:47

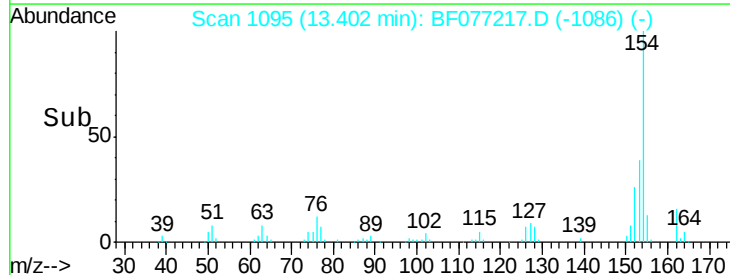
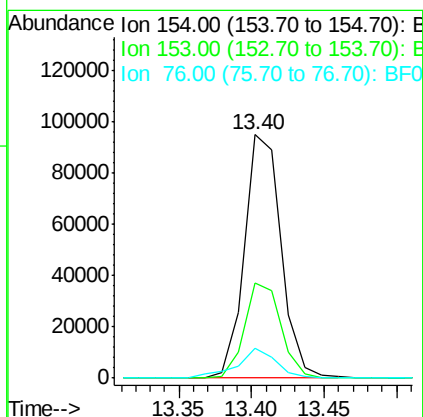
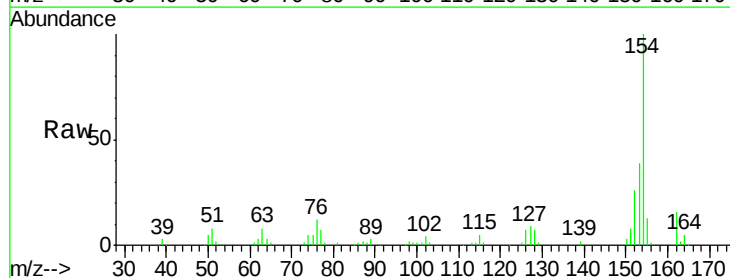
Instrument :
BNA_F
ClientSampleId :
PB81608BS

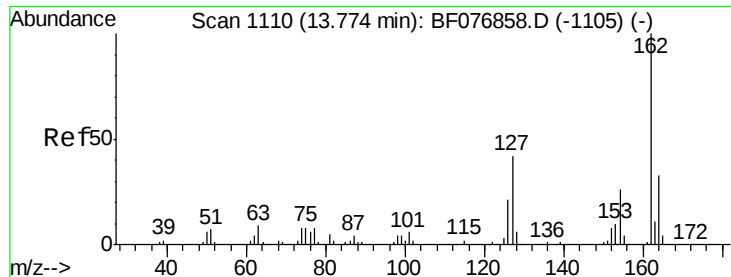
Tot Ion:172 Resp: 307135
Ion Ratio Lower Upper
172 100
171 34.9 26.6 40.0
170 23.3 18.0 27.0



#45
1,1'-Biphenyl
Concen: 40.75 ng
RT: 13.40 min Scan# 1095
Delta R.T. -0.00 min
Lab File: BF077217.D
Acq: 6 Feb 2015 23:47

Tgt Ion:154 Resp: 165846
Ion Ratio Lower Upper
154 100
153 39.3 20.2 60.2
76 12.1 0.0 29.0

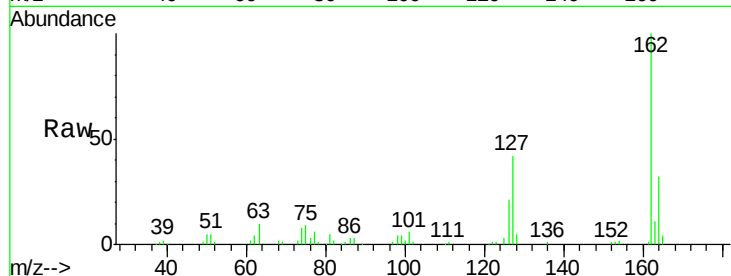




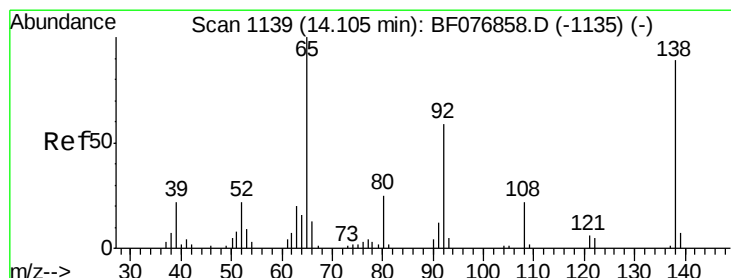
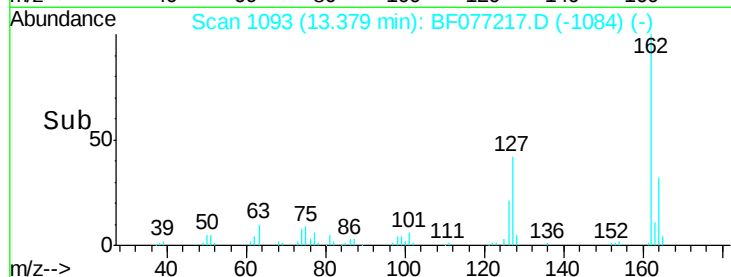
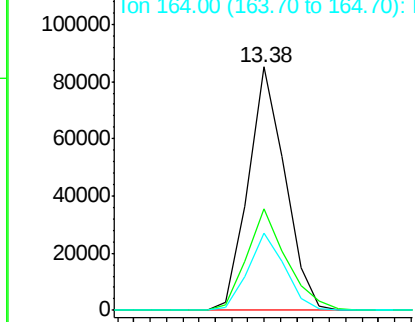
#46
 2-Chloronaphthalene
 Concen: 39.94 ng
 RT: 13.38 min Scan# 1093
 Delta R.T. -0.00 min
 Lab File: BF077217.D
 Acq: 6 Feb 2015 23:47

Instrument :
 BNA_F
 ClientSampleId :
 PB81608BS

Tot Ion:162 Resp: 133746
 Ion Ratio Lower Upper
 162 100
 127 41.7 33.8 50.6
 164 31.7 26.8 40.2

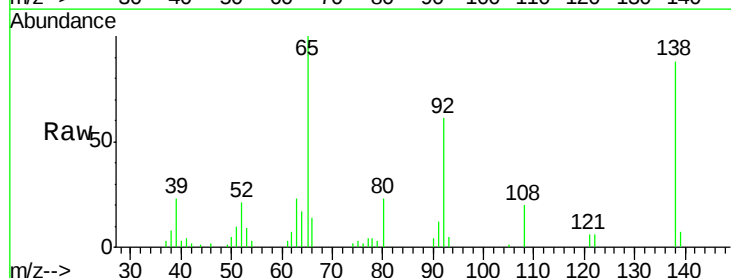


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

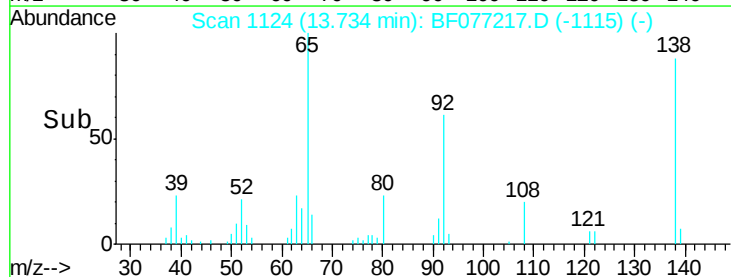
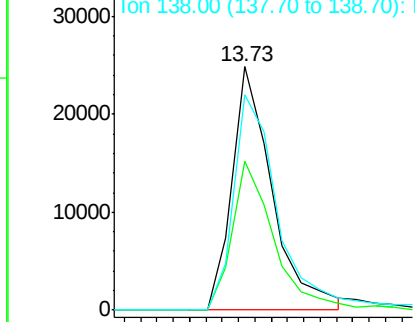


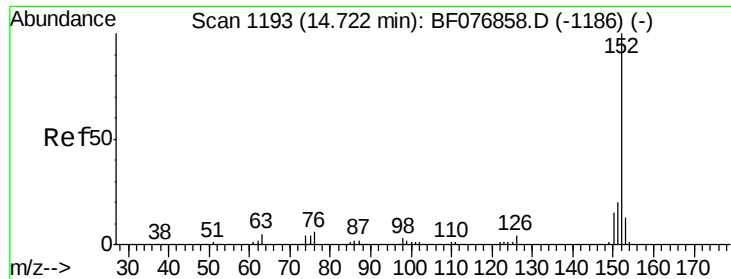
#47
 2-Nitroaniline
 Concen: 41.75 ng
 RT: 13.73 min Scan# 1124
 Delta R.T. -0.00 min
 Lab File: BF077217.D
 Acq: 6 Feb 2015 23:47

Tgt Ion: 65 Resp: 42413
 Ion Ratio Lower Upper
 65 100
 92 61.2 47.3 70.9
 138 88.3 71.4 107.2



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





#48

Acenaphthylene

Concen: 38.99 ng

RT: 14.33 min Scan# 1176

Delta R.T. -0.00 min

Lab File: BF077217.D

Acq: 6 Feb 2015 23:47

Instrument :

BNA_F

ClientSampleId :

PB81608BS

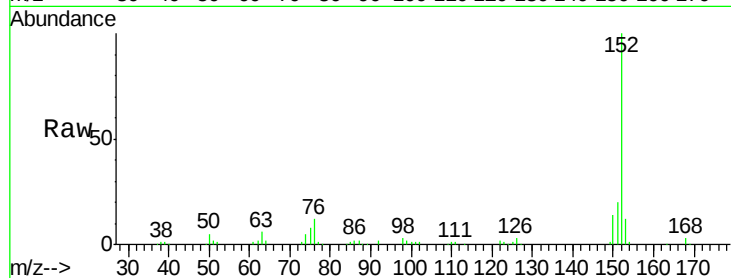
Tot Ion:152 Resp: 220268

Ion Ratio Lower Upper

152 100

151 19.6 15.9 23.9

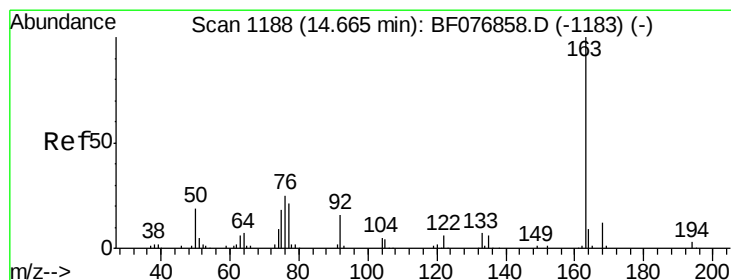
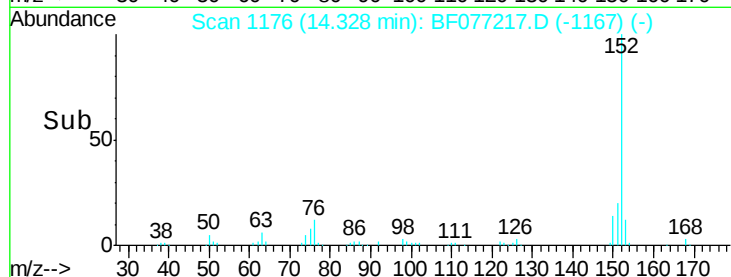
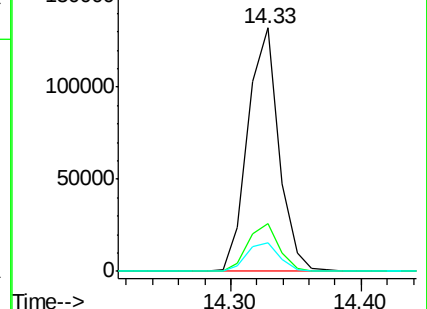
153 11.9 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 40.98 ng

RT: 14.29 min Scan# 1173

Delta R.T. 0.01 min

Lab File: BF077217.D

Acq: 6 Feb 2015 23:47

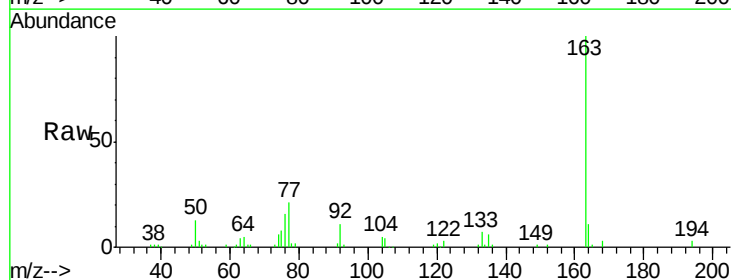
Tgt Ion:163 Resp: 159543

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

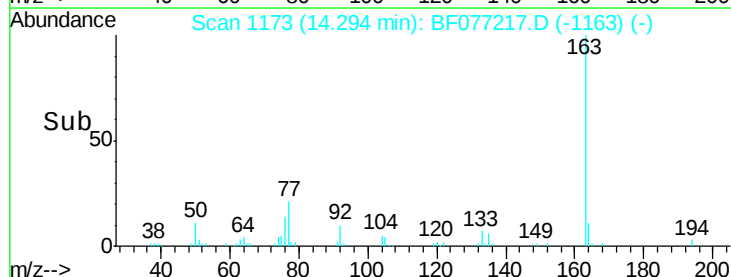
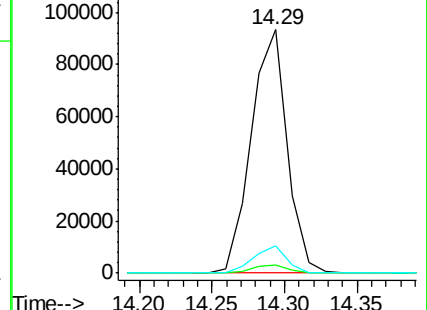
164 11.0 7.5 11.3

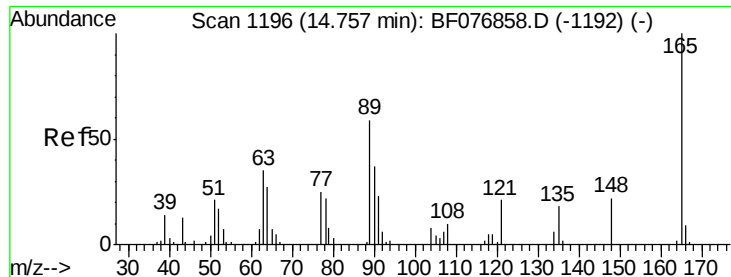


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

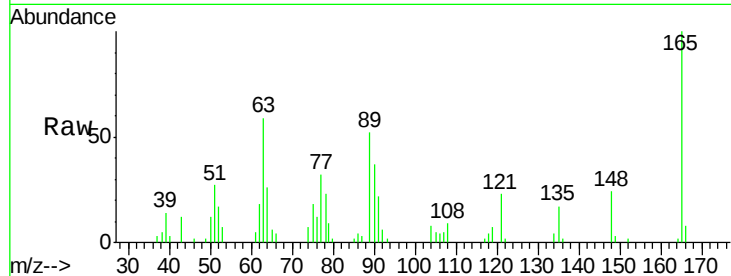




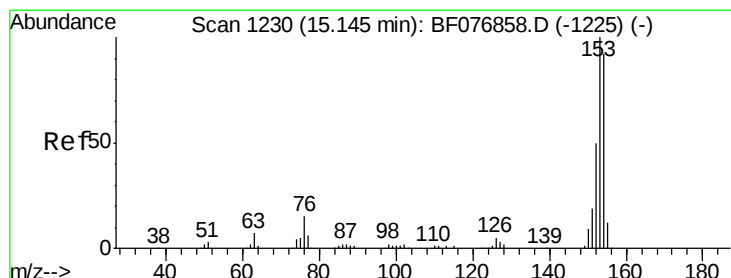
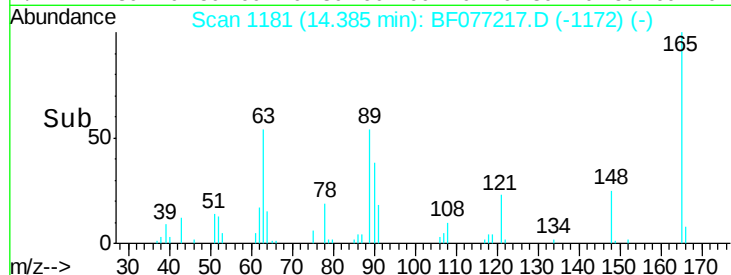
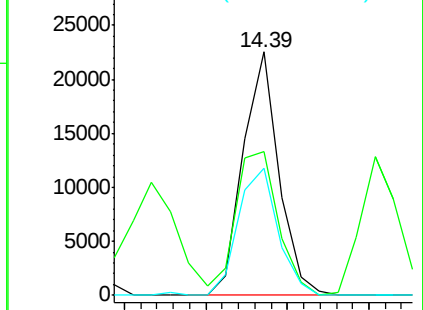
#50
2,6-Dinitrotoluene
Concen: 43.94 ng
RT: 14.39 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BF077217.D
Acq: 6 Feb 2015 23:47

Instrument :
BNA_F
ClientSampleId :
PB81608BS

Tot Ion:165 Resp: 34178
Ion Ratio Lower Upper
165 100
63 59.3 48.1 72.1
89 52.4 47.2 70.8

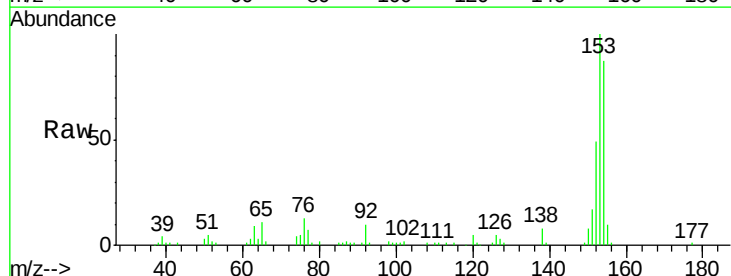


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

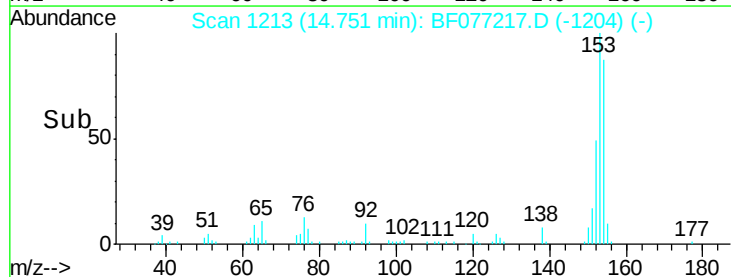
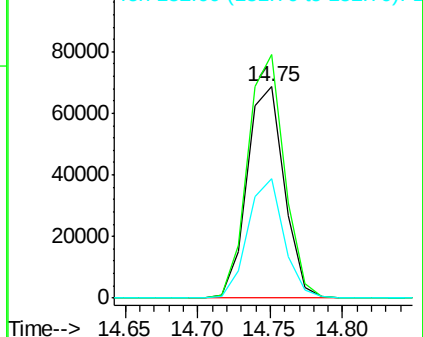


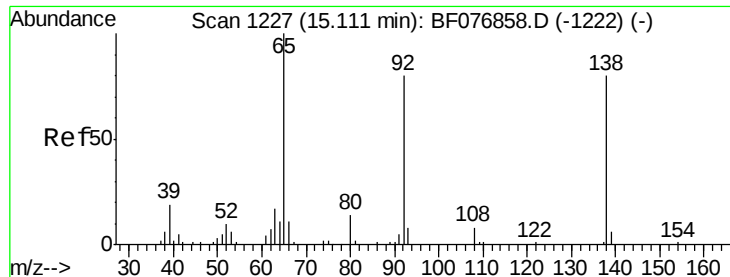
#51
Acenaphthene
Concen: 38.17 ng
RT: 14.75 min Scan# 1213
Delta R.T. -0.00 min
Lab File: BF077217.D
Acq: 6 Feb 2015 23:47

Tgt Ion:154 Resp: 122320
Ion Ratio Lower Upper
154 100
153 115.3 87.0 130.6
152 56.9 43.5 65.3



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

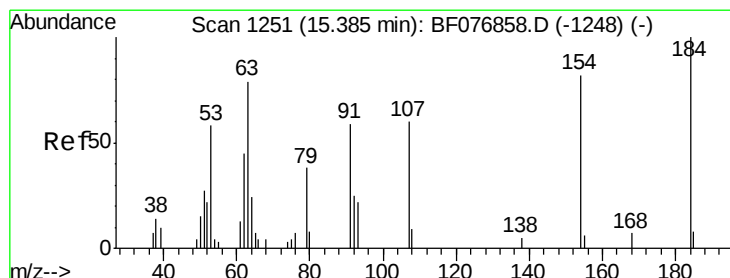
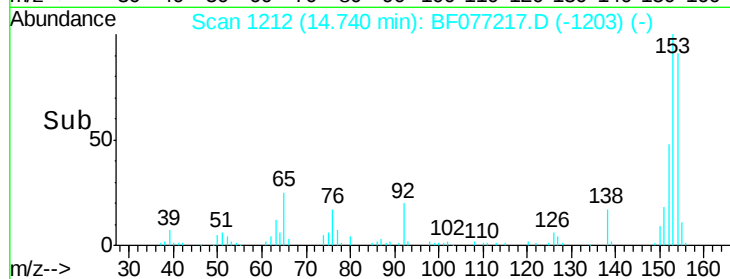
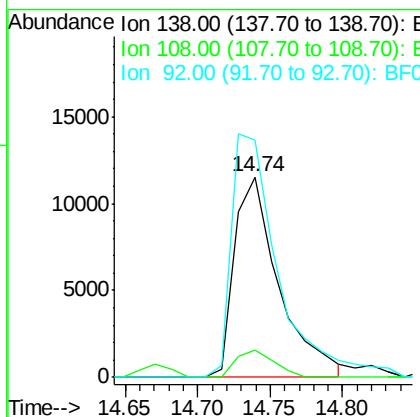
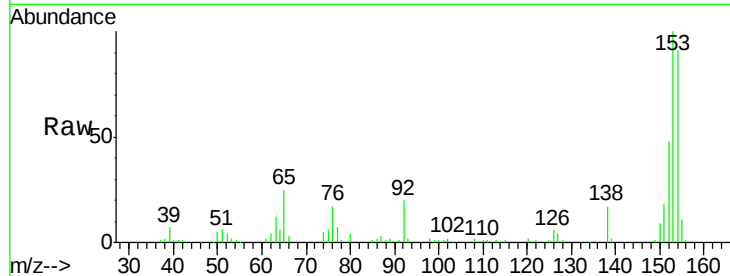




#52
 3-Nitroaniline
 Concen: 25.10 ng
 RT: 14.74 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF077217.D
 Acq: 6 Feb 2015 23:47

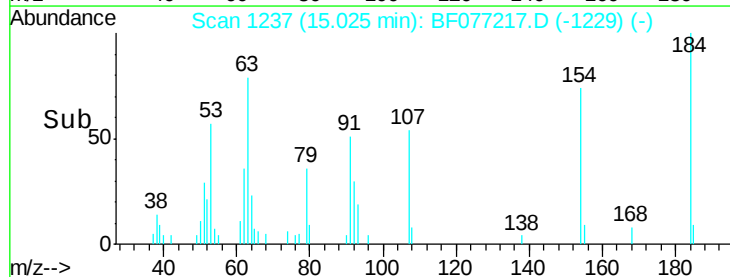
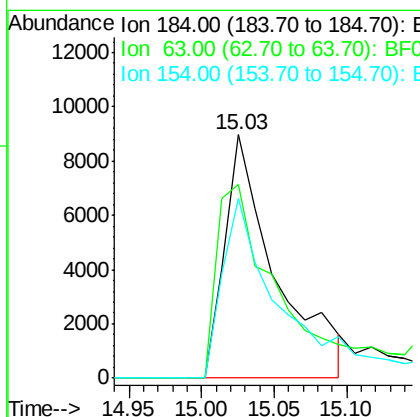
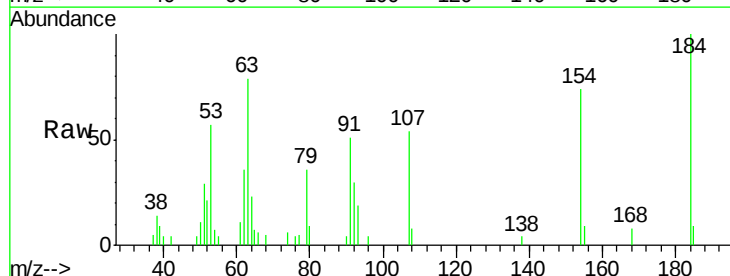
Instrument :
 BNA_F
 ClientSampleId :
 PB81608BS

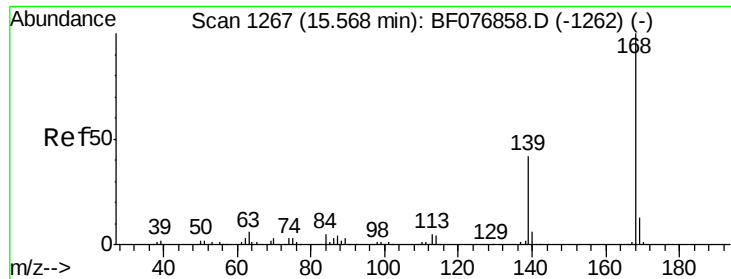
Tot Ion:138 Resp: 24578
 Ion Ratio Lower Upper
 138 100
 108 13.4 8.3 12.5#
 92 117.9 80.9 121.3



#53
 2,4-Dinitrophenol
 Concen: 63.12 ng
 RT: 15.03 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: BF077217.D
 Acq: 6 Feb 2015 23:47

Tgt Ion:184 Resp: 21978
 Ion Ratio Lower Upper
 184 100
 63 79.4 63.0 94.6
 154 73.8 65.5 98.3

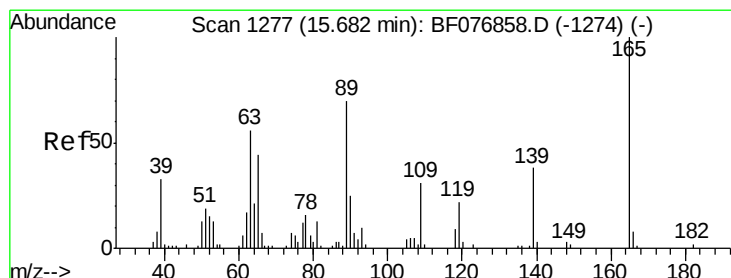
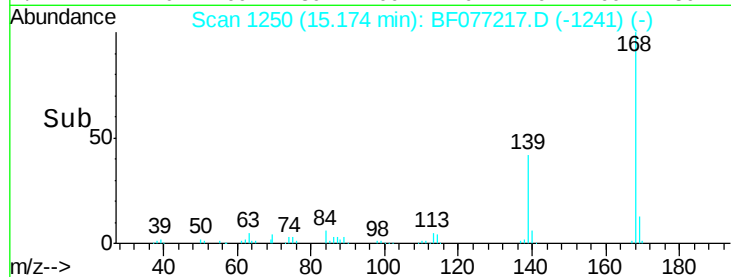
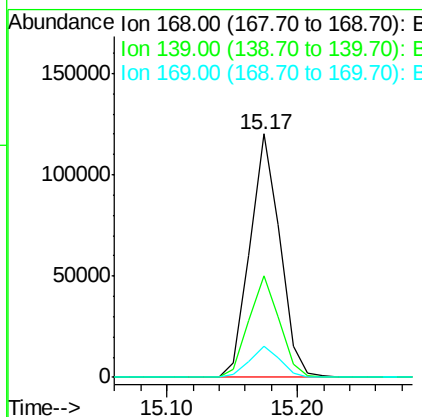
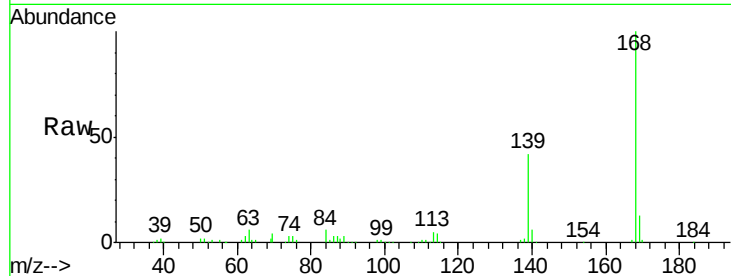




#54
Dibenzenofuran
Concen: 41.36 ng
RT: 15.17 min Scan# 1250
Delta R.T. -0.00 min
Lab File: BF077217.D
Acq: 6 Feb 2015 23:47

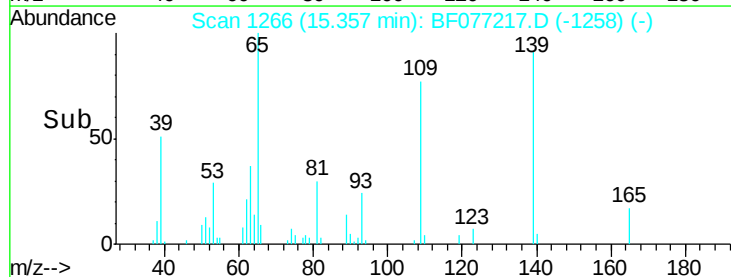
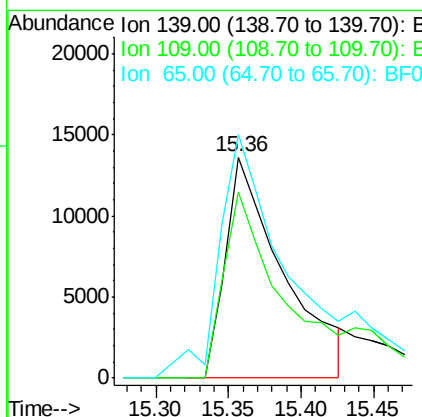
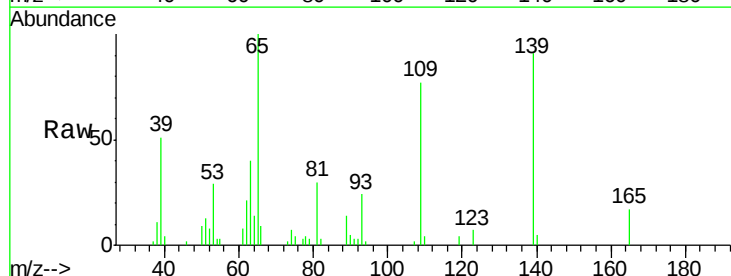
Instrument :
BNA_F
ClientSampleId :
PB81608BS

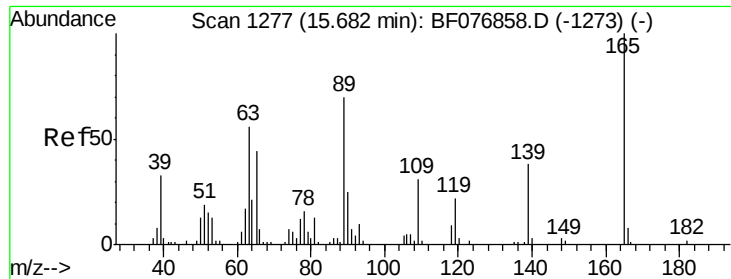
Tot Ion:168 Resp: 193077
Ion Ratio Lower Upper
168 100
139 41.9 33.4 50.2
169 12.9 10.6 15.8



#55
4-Nitrophenol
Concen: 61.51 ng
RT: 15.36 min Scan# 1266
Delta R.T. -0.01 min
Lab File: BF077217.D
Acq: 6 Feb 2015 23:47

Tgt Ion:139 Resp: 37538
Ion Ratio Lower Upper
139 100
109 84.4 61.0 101.0
65 110.1 96.6 136.6

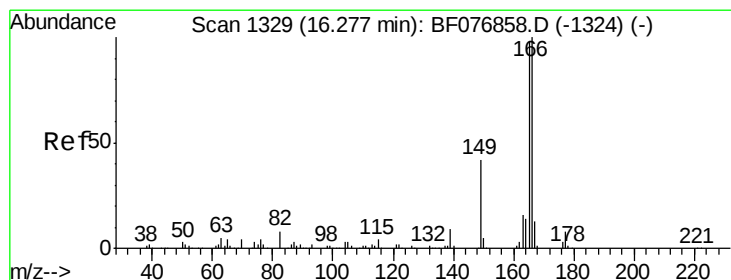
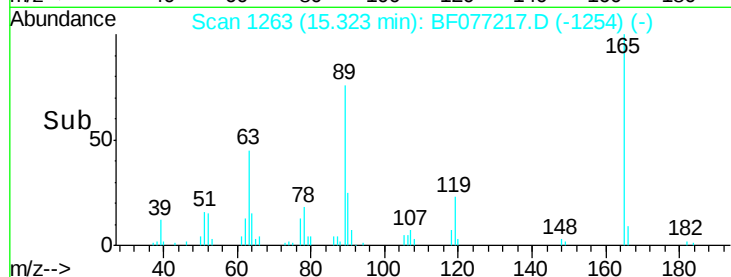
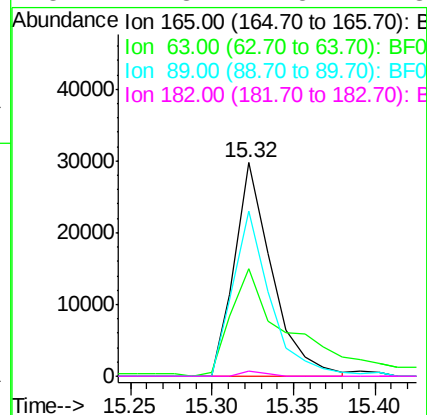
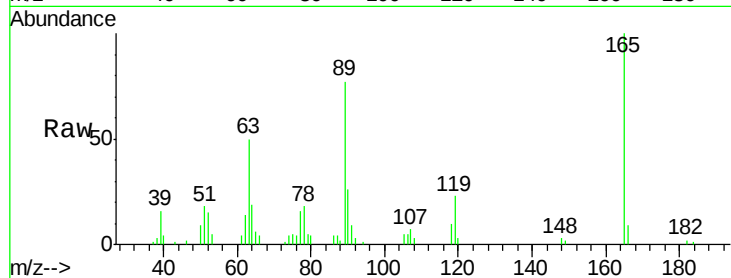




#56
2,4-Dinitrotoluene
Concen: 40.89 ng
RT: 15.32 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BF077217.D
Acq: 6 Feb 2015 23:47

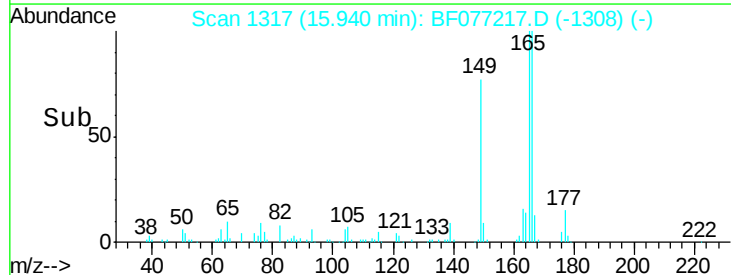
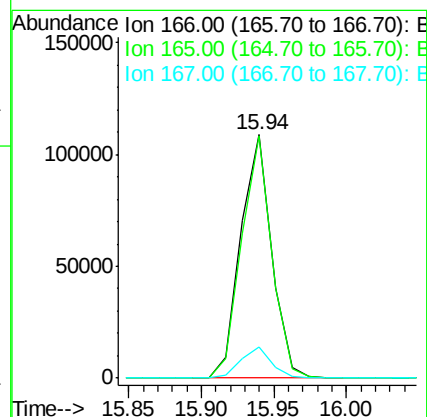
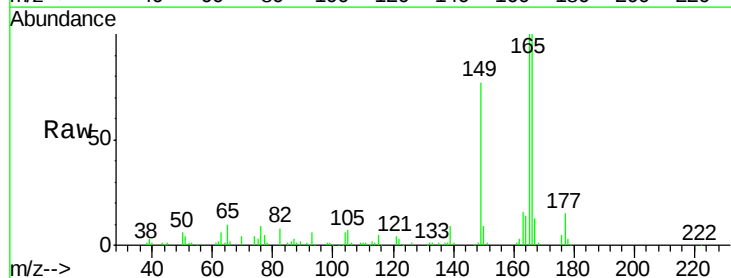
Instrument :
BNA_F
ClientSampleId :
PB81608BS

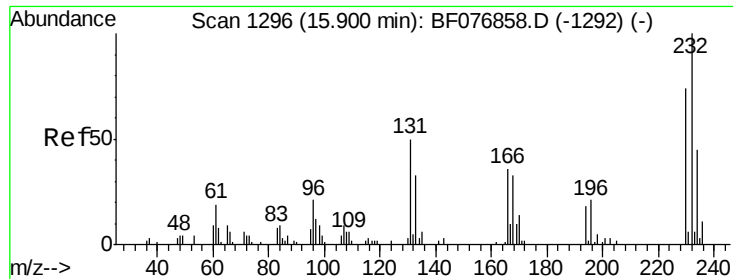
Tot Ion:165 Resp: 47302
Ion Ratio Lower Upper
165 100
63 50.4 44.8 67.2
89 77.3 56.2 84.2
182 2.3 1.5 2.3



#57
Fluorene
Concen: 40.72 ng
RT: 15.94 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BF077217.D
Acq: 6 Feb 2015 23:47

Tgt Ion:166 Resp: 161064
Ion Ratio Lower Upper
166 100
165 99.6 78.5 117.7
167 12.9 10.4 15.6

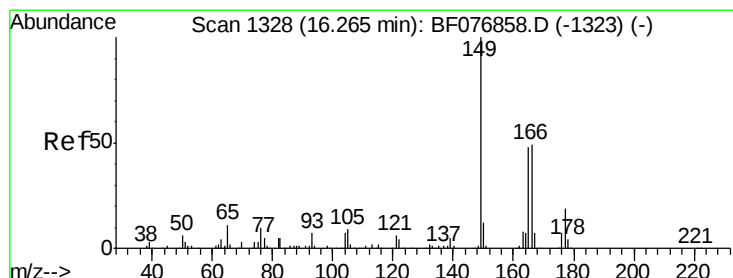
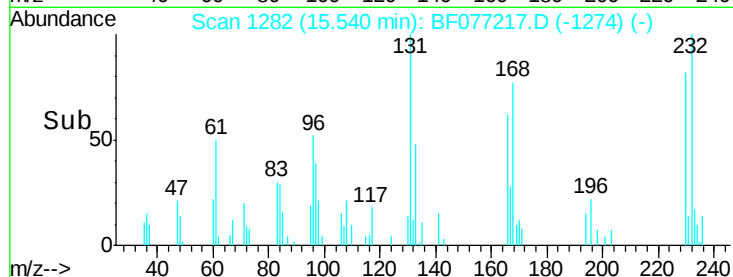
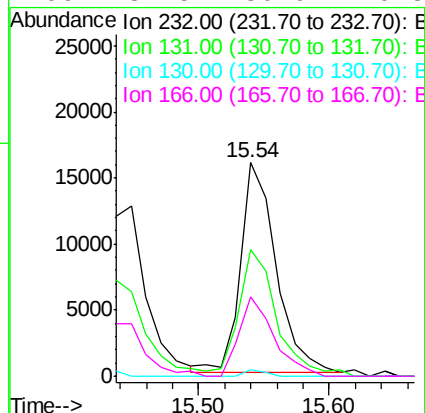
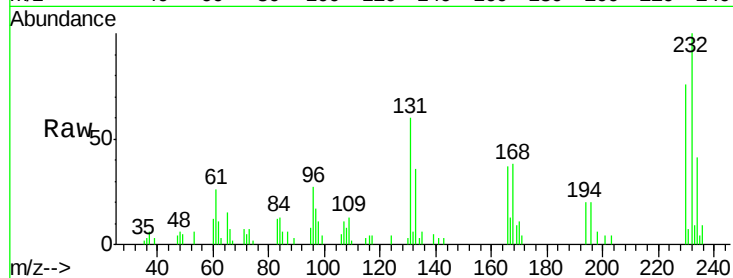




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.63 ng
 RT: 15.54 min Scan# 1282
 Delta R.T. -0.01 min
 Lab File: BF077217.D
 Acq: 6 Feb 2015 23:47

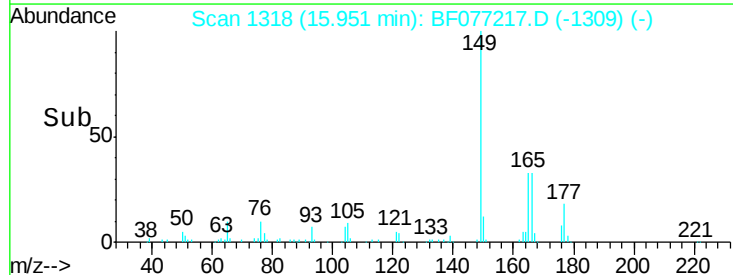
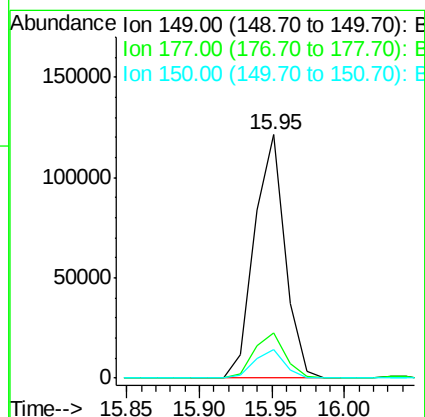
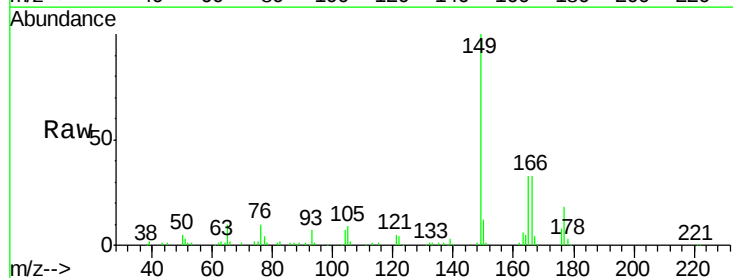
Instrument :
 BNA_F
 ClientSampled :
 PB81608BS

Tot Ion:232 Resp: 29834
 Ion Ratio Lower Upper
 232 100
 131 56.6 45.0 67.6
 130 1.9 2.6 3.8#
 166 37.5 30.9 46.3



#59
 Diethylphthalate
 Concen: 45.07 ng
 RT: 15.95 min Scan# 1318
 Delta R.T. -0.00 min
 Lab File: BF077217.D
 Acq: 6 Feb 2015 23:47

Tgt Ion:149 Resp: 177343
 Ion Ratio Lower Upper
 149 100
 177 18.4 15.0 22.6
 150 11.7 9.4 14.0

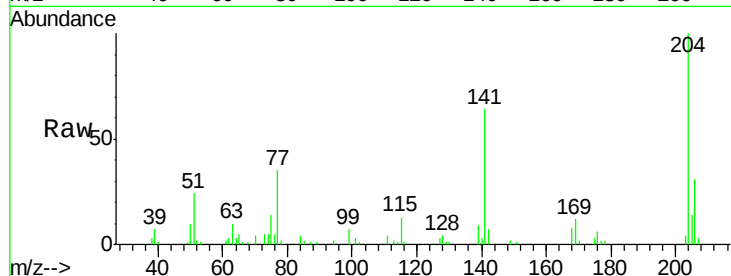




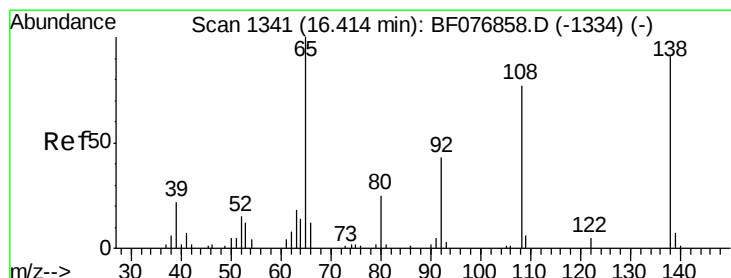
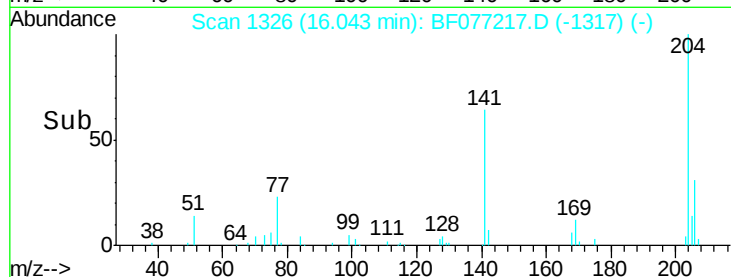
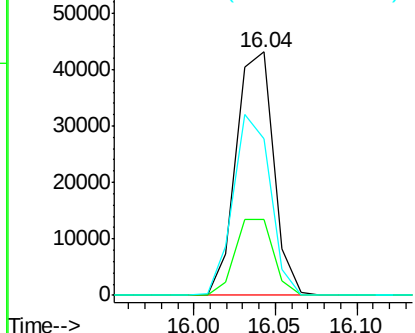
#60
4-Chlorophenyl-phenylether
Concen: 42.31 ng
RT: 16.04 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF077217.D
Acq: 6 Feb 2015 23:47

Instrument :
BNA_F
ClientSampleId :
PB81608BS

Tot Ion:204 Resp: 68467
Ion Ratio Lower Upper
204 100
206 31.1 24.2 36.2
141 64.3 66.7 100.1#

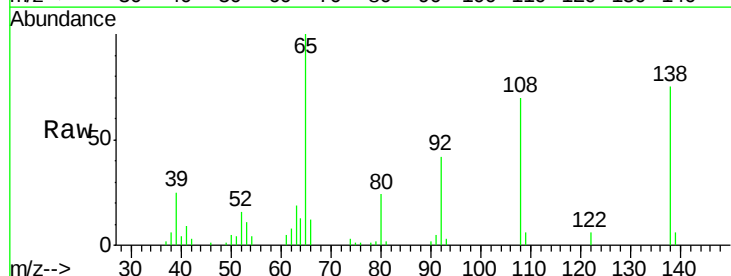


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

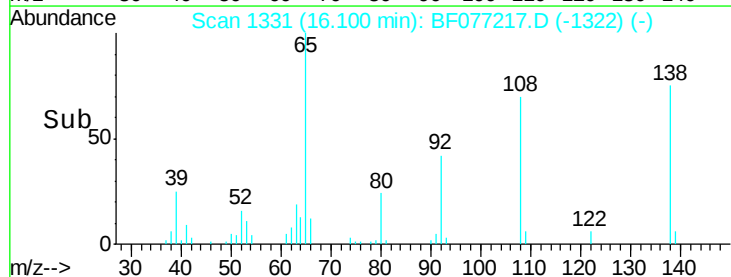
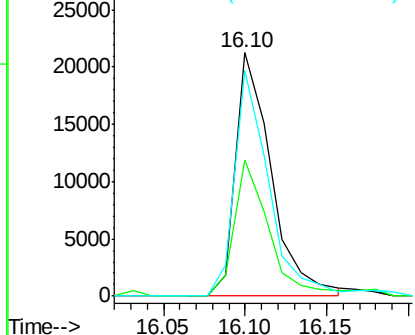


#61
4-Nitroaniline
Concen: 33.39 ng
RT: 16.10 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BF077217.D
Acq: 6 Feb 2015 23:47

Tgt Ion:138 Resp: 32294
Ion Ratio Lower Upper
138 100
92 55.9 26.7 66.7
108 92.8 64.5 104.5



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

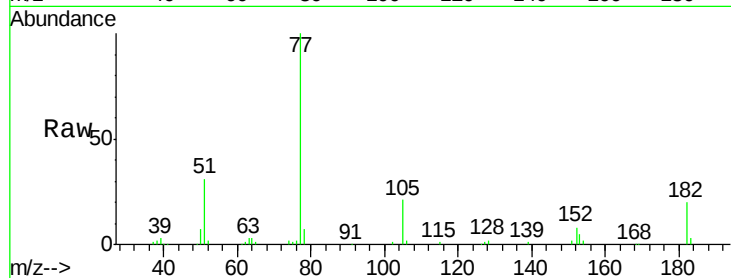




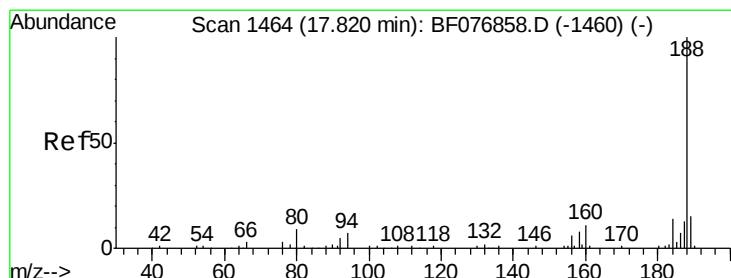
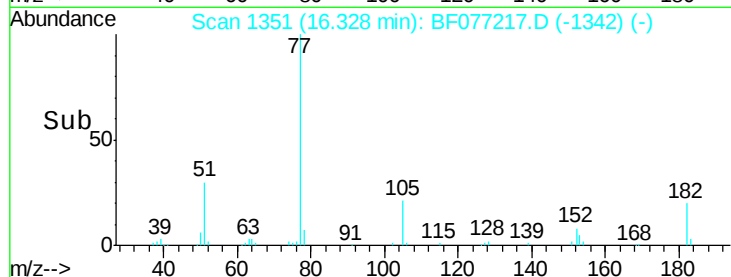
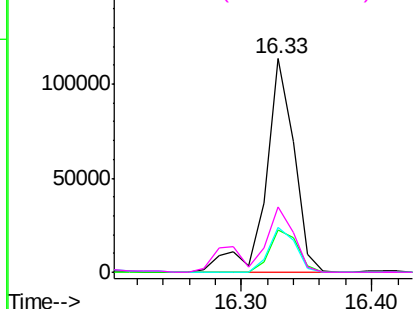
#62
Azobenzene
Concen: 42.58 ng
RT: 16.33 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BF077217.D
Acq: 6 Feb 2015 23:47

Instrument :
BNA_F
ClientSampleId :
PB81608BS

Tot Ion: 77 Resp: 174542
Ion Ratio Lower Upper
77 100
182 19.9 2.0 42.0
105 21.1 2.3 42.3
51 30.8 10.7 50.7

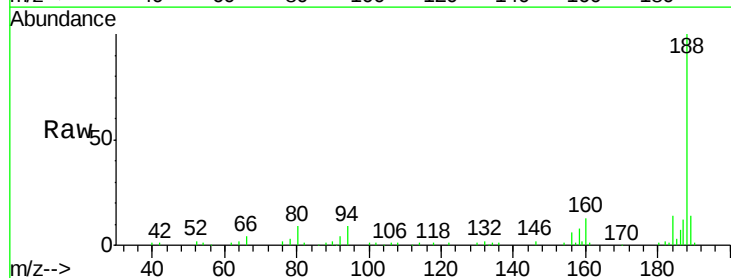


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

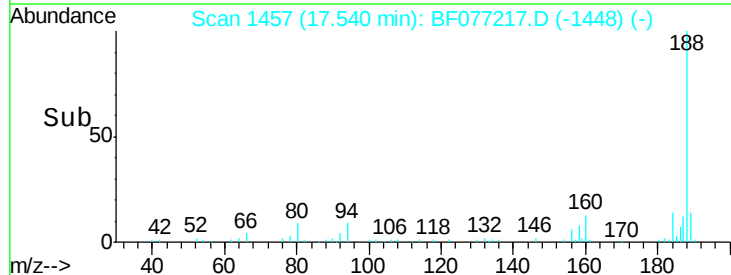
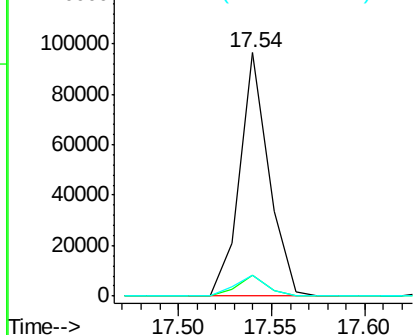


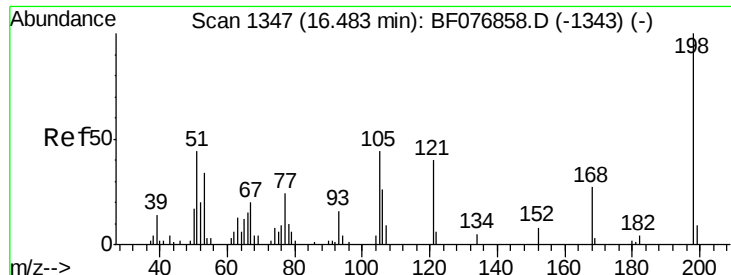
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.54 min Scan# 1457
Delta R.T. -0.00 min
Lab File: BF077217.D
Acq: 6 Feb 2015 23:47

Tgt Ion: 188 Resp: 104953
Ion Ratio Lower Upper
188 100
94 8.6 6.0 9.0
80 8.6 6.9 10.3



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 33.03 ng

RT: 16.18 min Scan# 1338

Delta R.T. -0.00 min

Lab File: BF077217.D

Acq: 6 Feb 2015 23:47

Instrument :

BNA_F

ClientSampleId :

PB81608BS

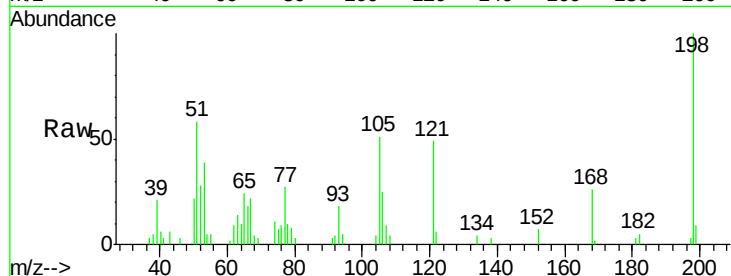
Tot Ion:198 Resp: 21529

Ion Ratio Lower Upper

198 100

51 58.2 24.2 64.2

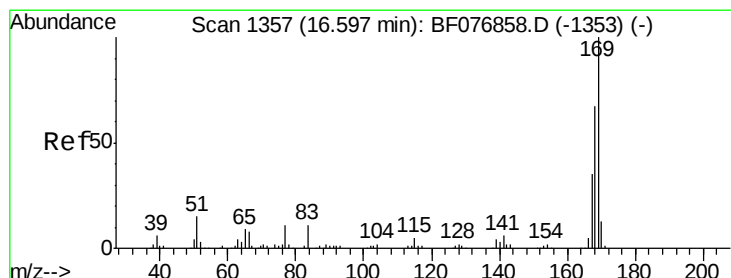
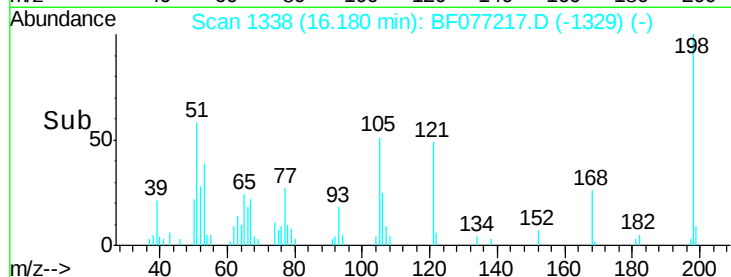
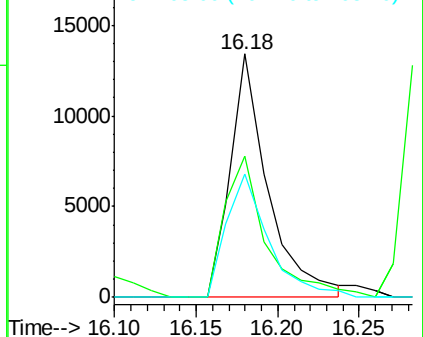
105 50.8 24.0 64.0



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 36.67 ng

RT: 16.29 min Scan# 1348

Delta R.T. -0.00 min

Lab File: BF077217.D

Acq: 6 Feb 2015 23:47

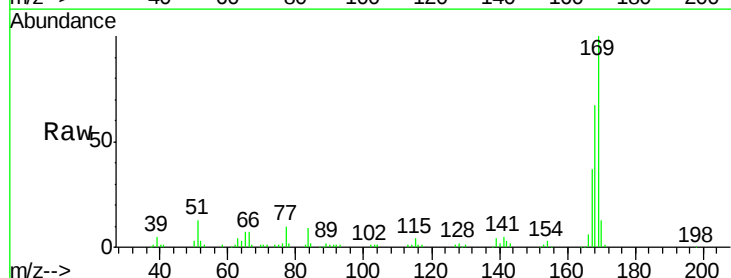
Tgt Ion:169 Resp: 137245

Ion Ratio Lower Upper

169 100

168 67.5 53.8 80.6

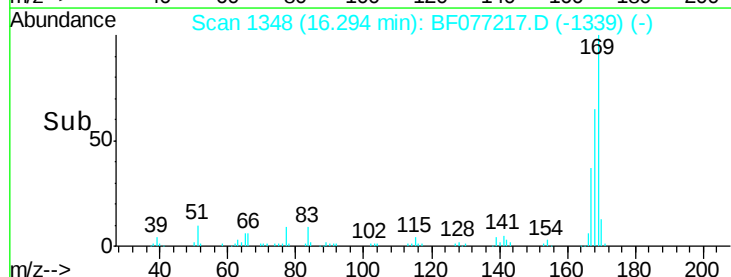
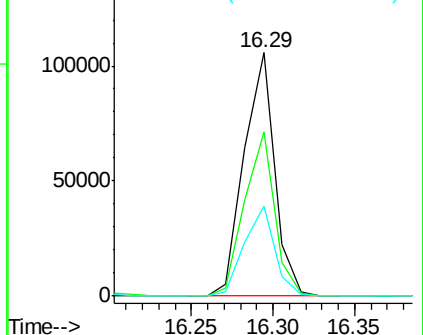
167 36.8 27.8 41.6

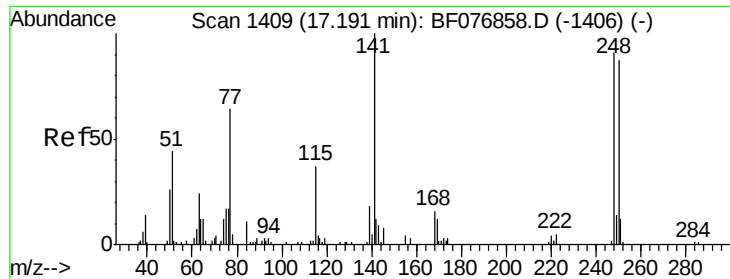


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

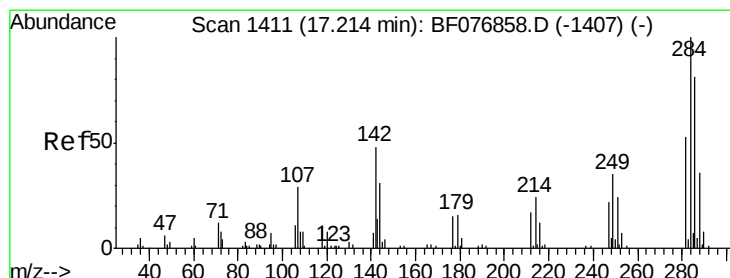
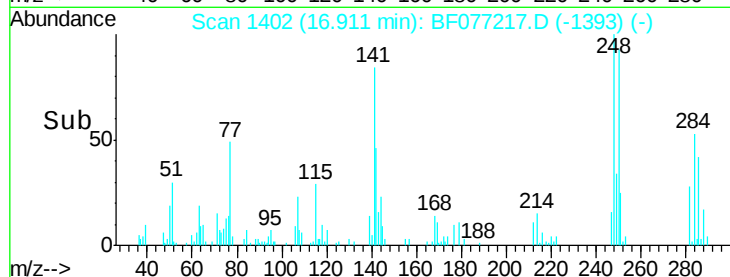
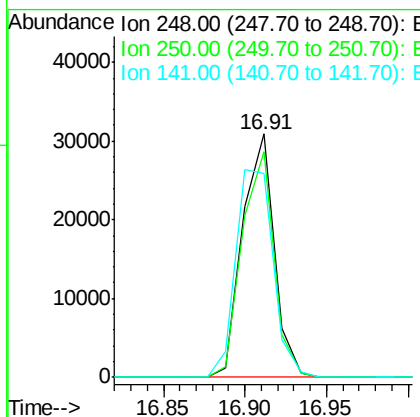
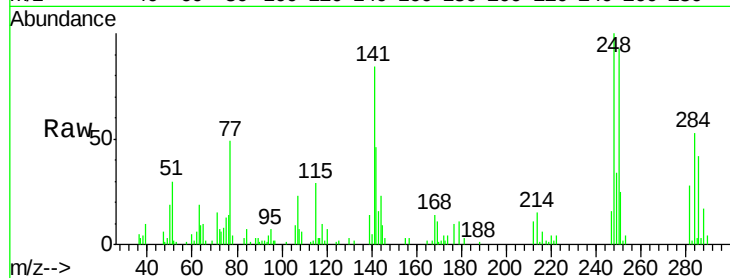




#66
4-Bromophenyl-phenylether
Concen: 39.16 ng
RT: 16.91 min Scan# 1402
Delta R.T. -0.00 min
Lab File: BF077217.D
Acq: 6 Feb 2015 23:47

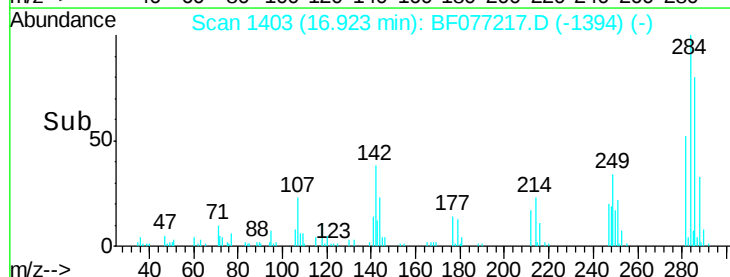
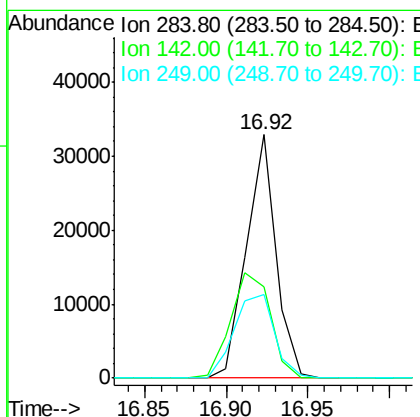
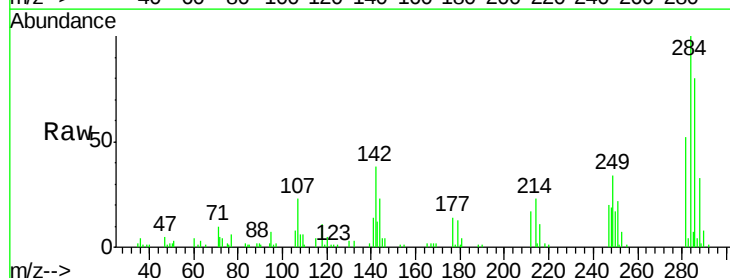
Instrument :
BNA_F
ClientSampleId :
PB81608BS

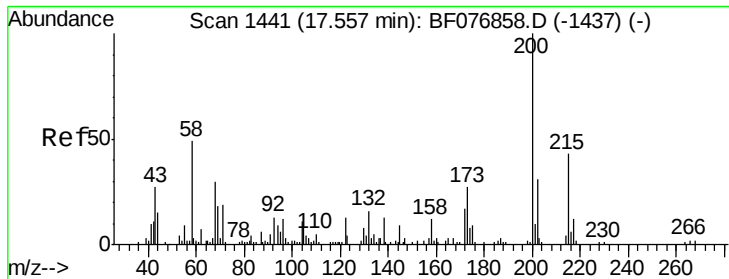
Tot Ion:248 Resp: 41638
Ion Ratio Lower Upper
248 100
250 92.9 77.1 115.7
141 83.5 88.2 132.4#



#67
Hexachlorobenzene
Concen: 36.96 ng
RT: 16.92 min Scan# 1403
Delta R.T. -0.00 min
Lab File: BF077217.D
Acq: 6 Feb 2015 23:47

Tgt Ion:284 Resp: 41412
Ion Ratio Lower Upper
284 100
142 37.6 38.2 57.4#
249 34.4 28.2 42.2





#68

Atrazine

Concen: 41.27 ng

RT: 17.30 min Scan# 1436

Delta R.T. -0.00 min

Lab File: BF077217.D

Acq: 6 Feb 2015 23:47

Instrument :

BNA_F

ClientSampleId :

PB81608BS

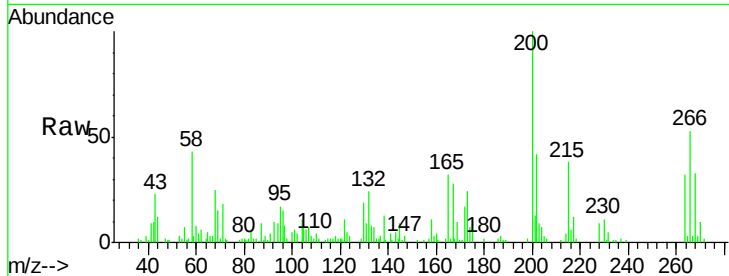
Tot Ion:200 Resp: 46866

Ion Ratio Lower Upper

200 100

173 24.5 6.6 46.6

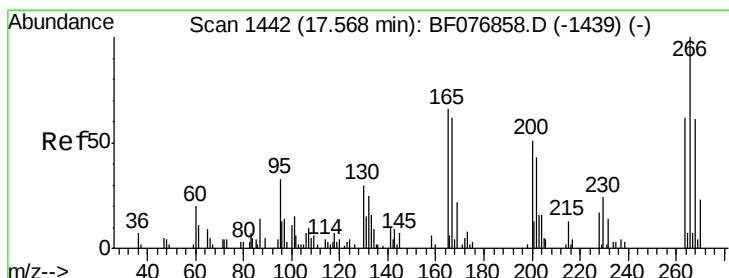
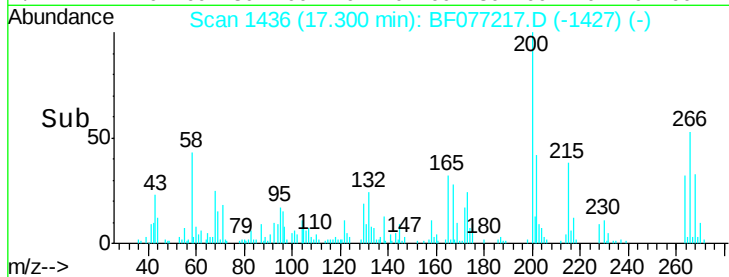
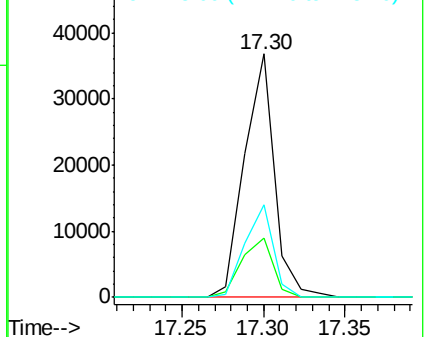
215 37.8 22.9 62.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#69

Pentachlorophenol

Concen: 56.66 ng

RT: 17.30 min Scan# 1436

Delta R.T. -0.00 min

Lab File: BF077217.D

Acq: 6 Feb 2015 23:47

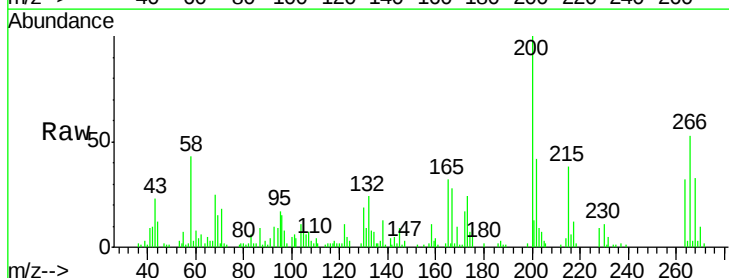
Tgt Ion:266 Resp: 27990

Ion Ratio Lower Upper

266 100

268 61.1 48.6 72.8

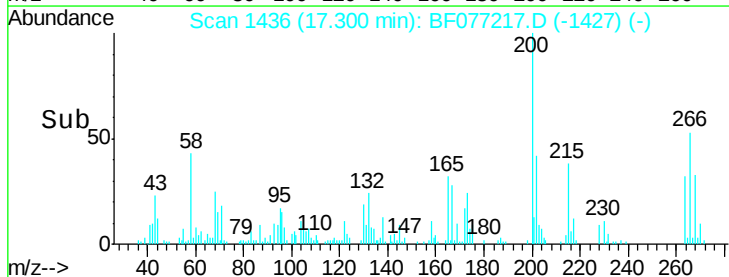
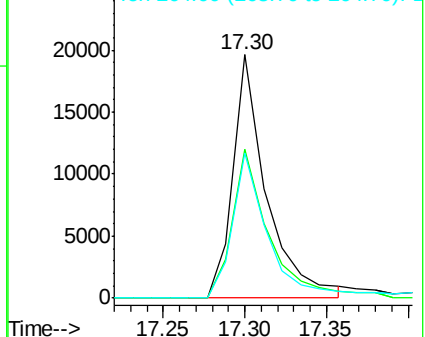
264 59.5 49.5 74.3

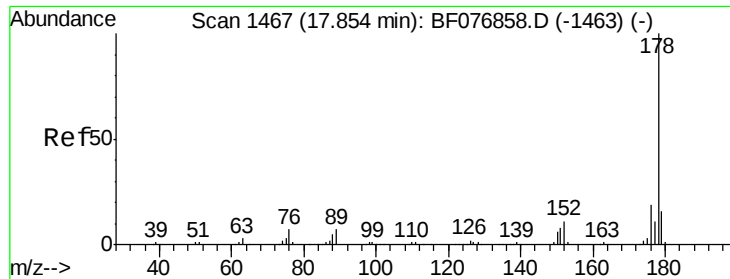


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

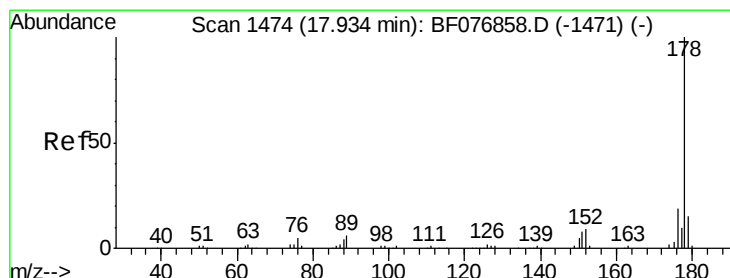
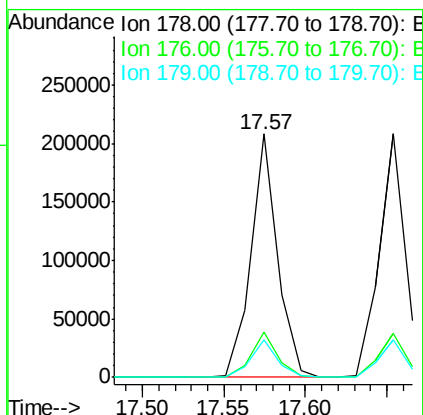
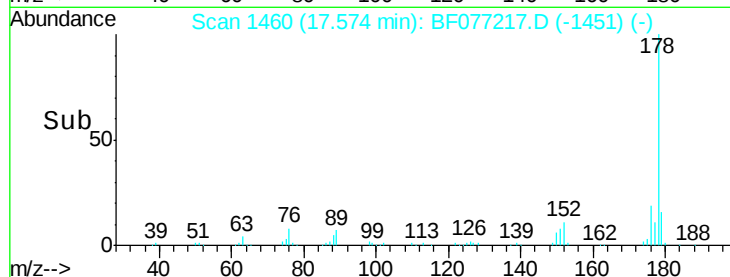
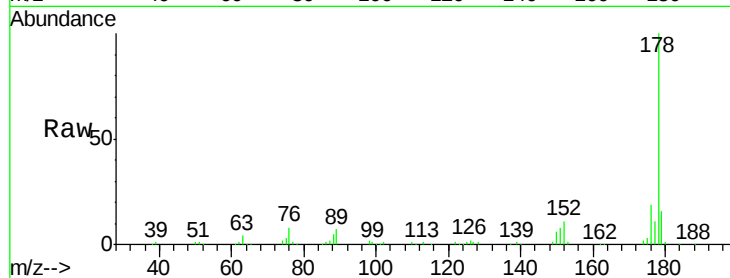




#70
 Phenanthrene
 Concen: 35.89 ng
 RT: 17.57 min Scan# 1460
 Delta R.T. -0.00 min
 Lab File: BF077217.D
 Acq: 6 Feb 2015 23:47

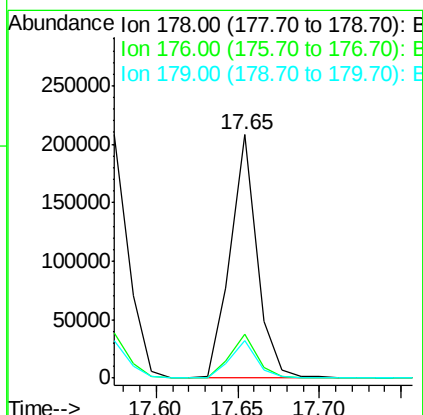
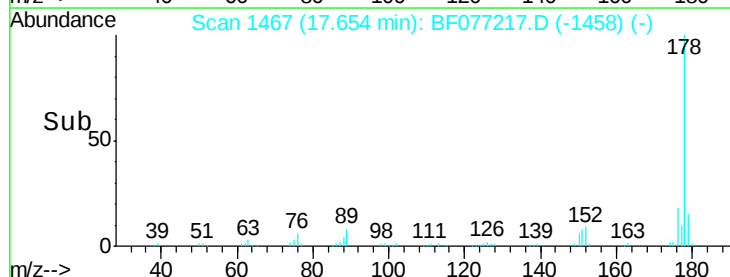
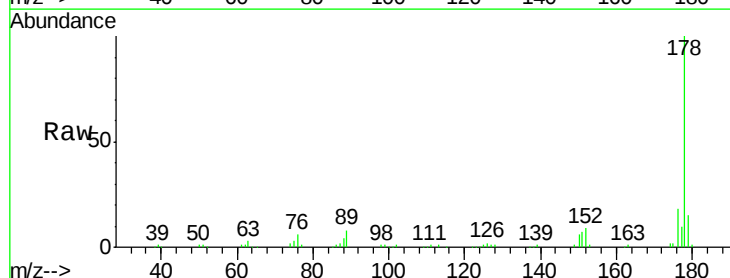
Instrument :
 BNA_F
 ClientSampleId :
 PB81608BS

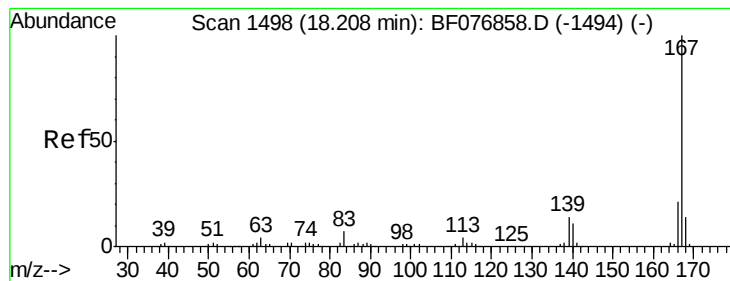
Tot Ion:178 Resp: 234881
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.1 22.7
 179 15.6 12.7 19.1



#71
 Anthracene
 Concen: 37.09 ng
 RT: 17.65 min Scan# 1467
 Delta R.T. -0.00 min
 Lab File: BF077217.D
 Acq: 6 Feb 2015 23:47

Tgt Ion:178 Resp: 236724
 Ion Ratio Lower Upper
 178 100
 176 18.1 15.4 23.0
 179 15.4 11.9 17.9





#72

Carbazole

Concen: 36.46 ng

RT: 17.95 min Scan# 1493

Delta R.T. -0.00 min

Lab File: BF077217.D

Acq: 6 Feb 2015 23:47

Instrument :

BNA_F

ClientSampleId :

PB81608BS

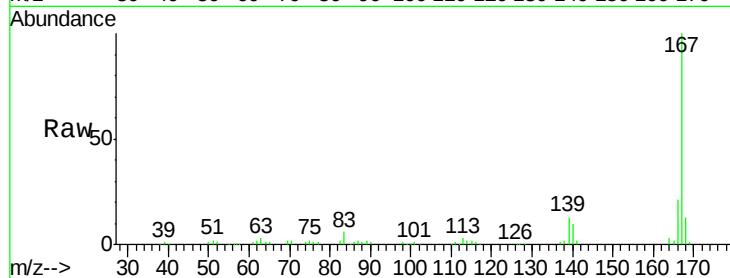
Tot Ion:167 Resp: 225710

Ion Ratio Lower Upper

167 100

166 21.2 17.0 25.6

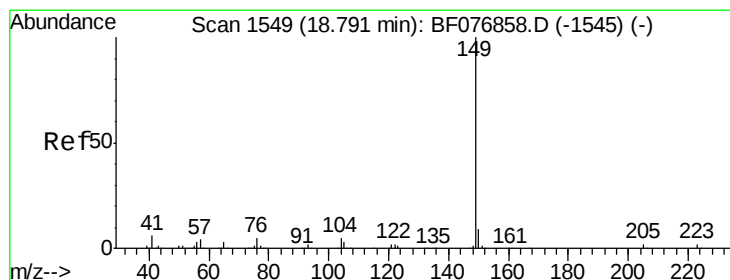
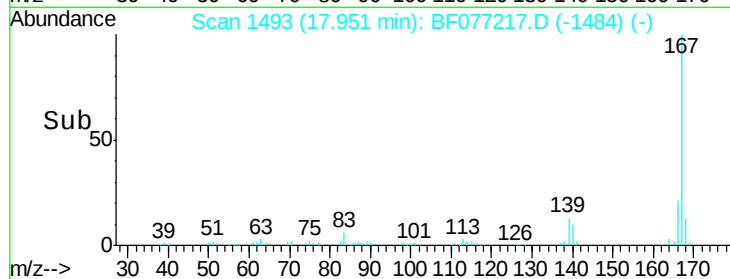
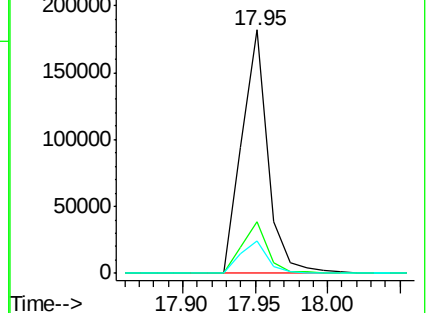
139 13.3 11.3 16.9



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 40.23 ng

RT: 18.55 min Scan# 1545

Delta R.T. -0.00 min

Lab File: BF077217.D

Acq: 6 Feb 2015 23:47

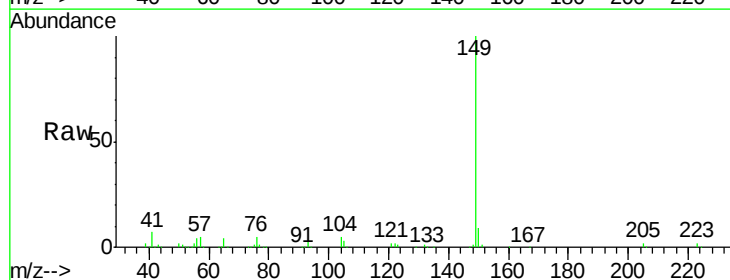
Tgt Ion:149 Resp: 288243

Ion Ratio Lower Upper

149 100

150 9.0 6.9 10.3

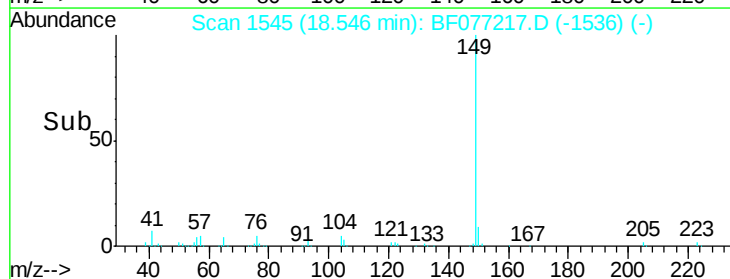
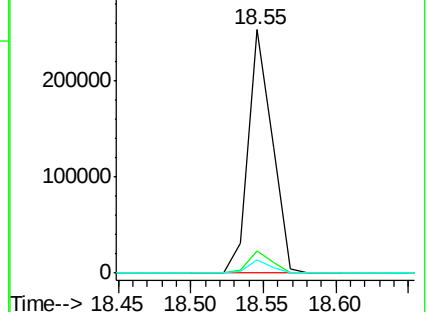
104 5.4 3.7 5.5

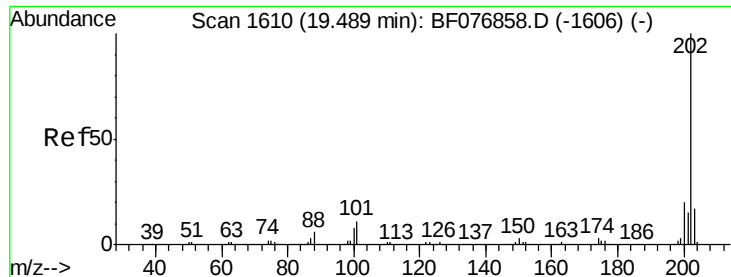


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

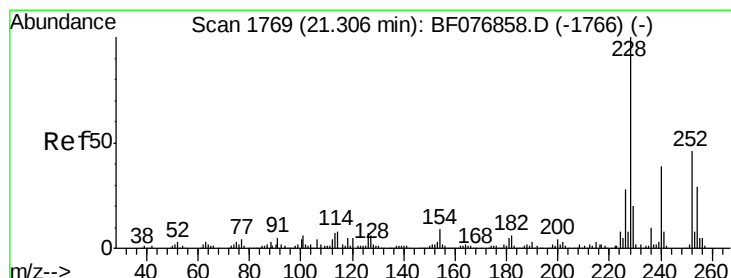
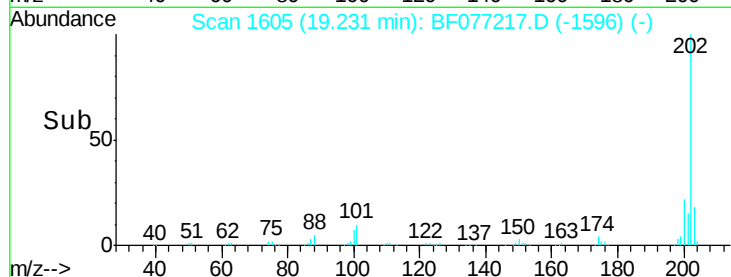
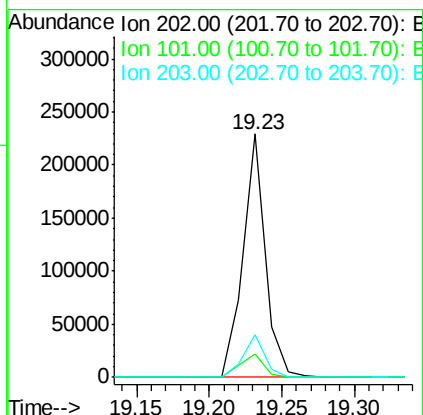
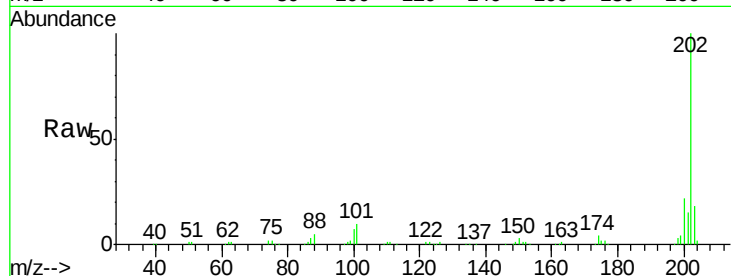




#74
 Fluoranthene
 Concen: 36.53 ng
 RT: 19.23 min Scan# 1605
 Delta R.T. -0.00 min
 Lab File: BF077217.D
 Acq: 6 Feb 2015 23:47

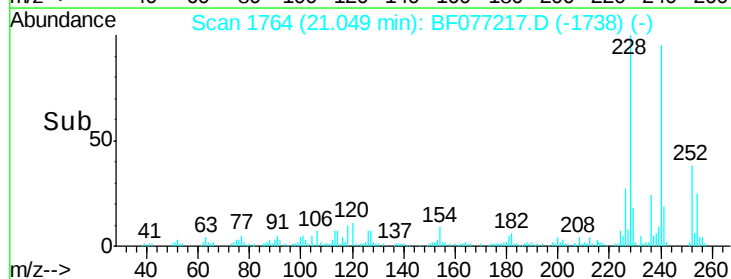
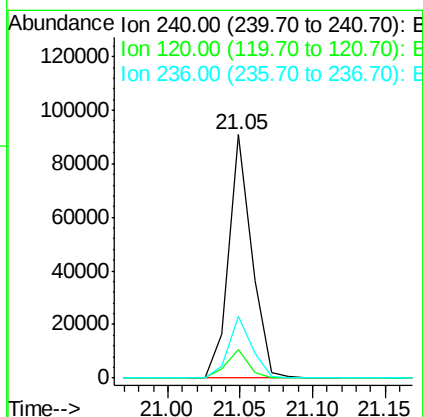
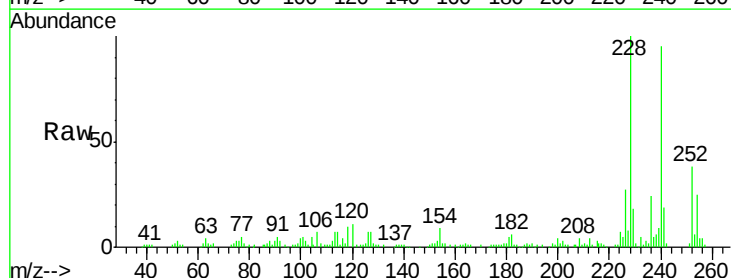
Instrument :
 BNA_F
 ClientSampleId :
 PB81608BS

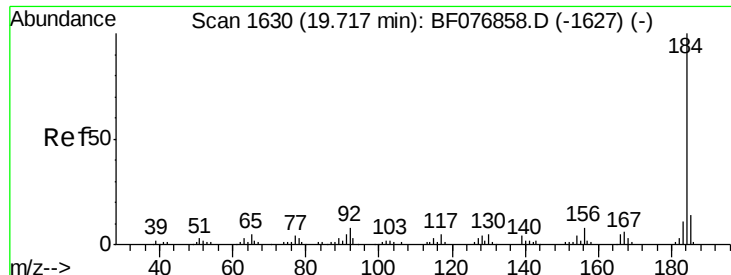
Tot Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	30.7
203	17.6	0.0	36.9



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.05 min Scan# 1764
 Delta R.T. -0.00 min
 Lab File: BF077217.D
 Acq: 6 Feb 2015 23:47

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.6	10.4	15.6
236	25.4	20.2	30.2

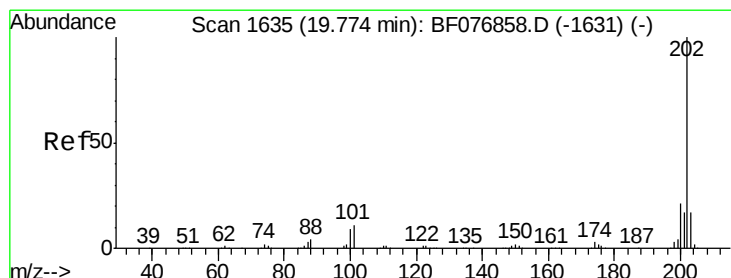
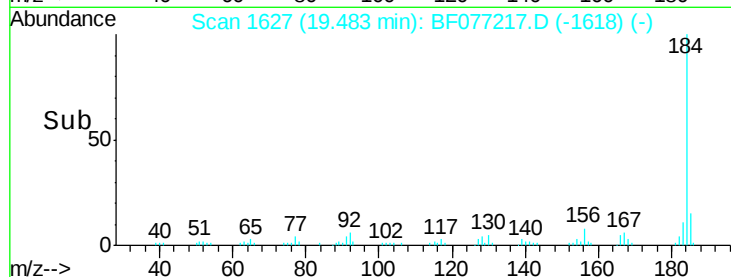
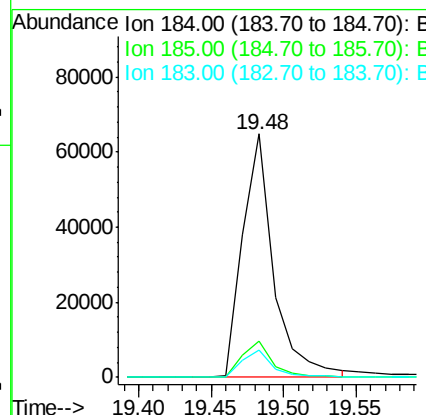
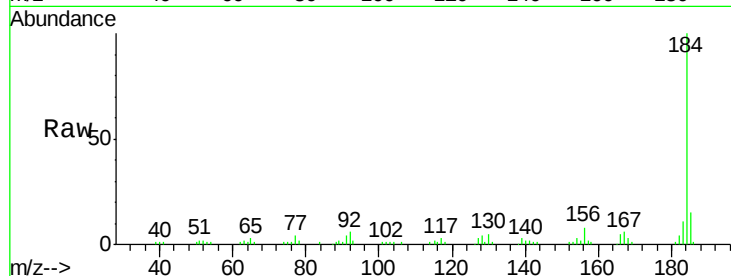




#76
Benzidine
Concen: 29.85 ng
RT: 19.48 min Scan# 1627
Delta R.T. -0.00 min
Lab File: BF077217.D
Acq: 6 Feb 2015 23:47

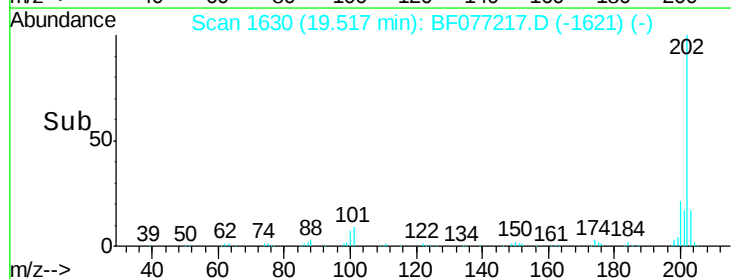
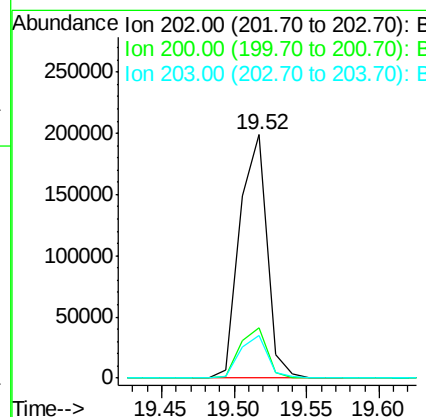
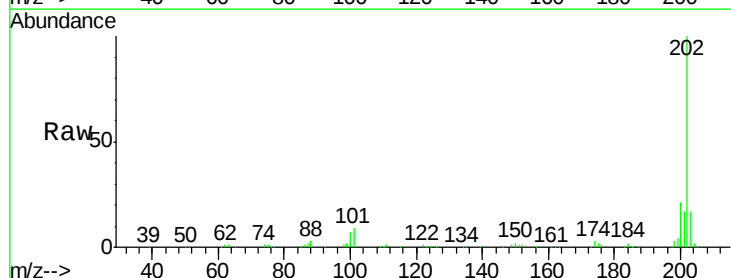
Instrument :
BNA_F
ClientSampleId :
PB81608BS

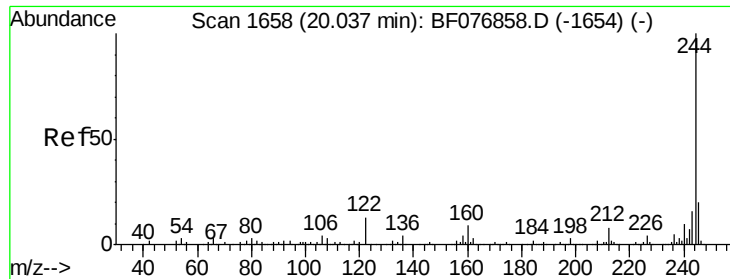
Tot Ion:184 Resp: 96289
Ion Ratio Lower Upper
184 100
185 15.1 11.4 17.2
183 11.4 9.0 13.6



#77
Pyrene
Concen: 37.67 ng
RT: 19.52 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BF077217.D
Acq: 6 Feb 2015 23:47

Tgt Ion:202 Resp: 260255
Ion Ratio Lower Upper
202 100
200 20.7 16.7 25.1
203 17.4 14.0 21.0

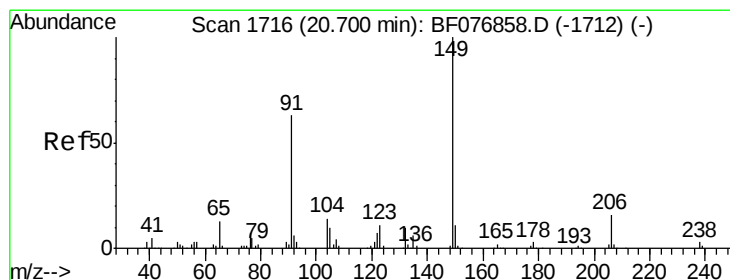
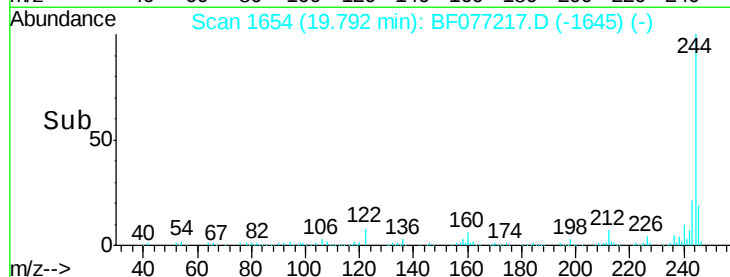
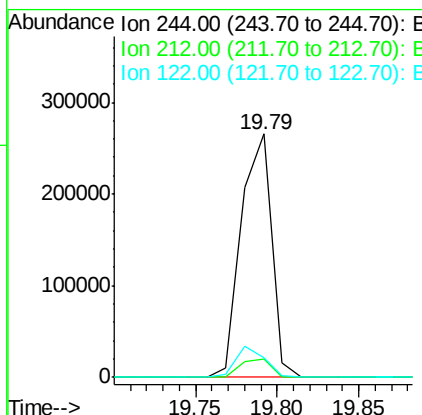
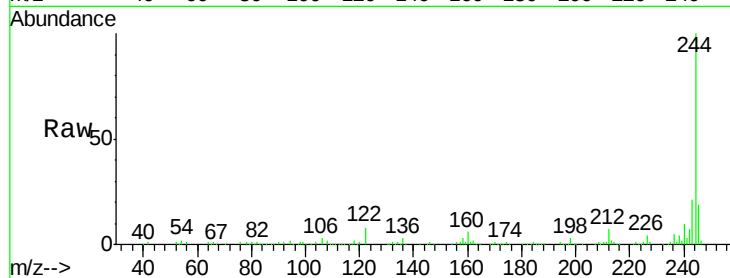




#78
 Terphenyl-d14
 Concen: 78.45 ng
 RT: 19.79 min Scan# 1654
 Delta R.T. -0.00 min
 Lab File: BF077217.D
 Acq: 6 Feb 2015 23:47

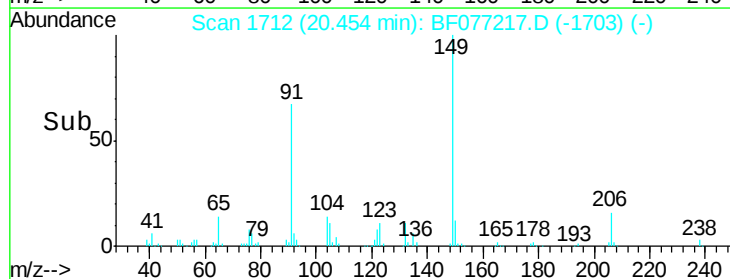
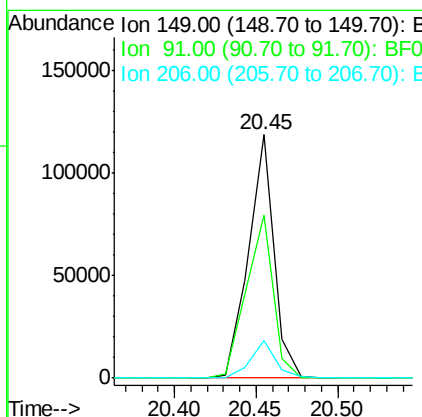
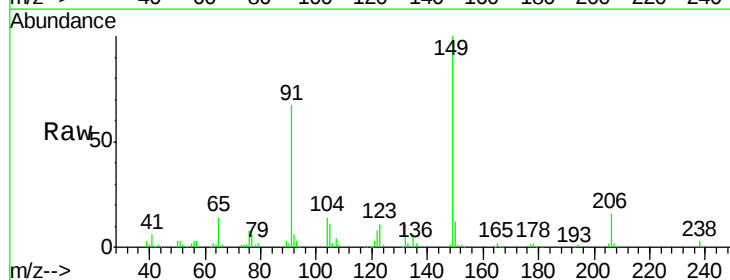
Instrument :
 BNA_F
 ClientSampleId :
 PB81608BS

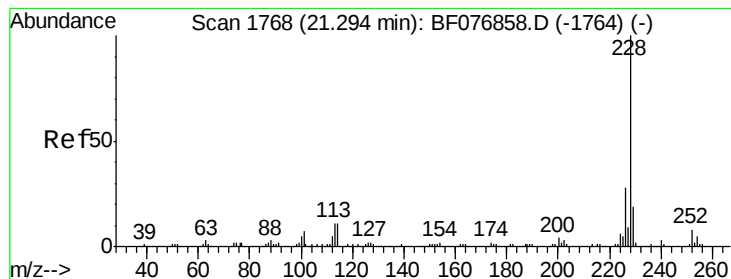
Tot Ion:244 Resp: 343465
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.3 9.5
 122 8.2 10.1 15.1#



#79
 Butylbenzylphthalate
 Concen: 41.11 ng
 RT: 20.45 min Scan# 1712
 Delta R.T. -0.00 min
 Lab File: BF077217.D
 Acq: 6 Feb 2015 23:47

Tgt Ion:149 Resp: 128606
 Ion Ratio Lower Upper
 149 100
 91 67.1 50.6 76.0
 206 15.6 12.8 19.2





#80

Benzo(a)anthracene

Concen: 36.09 ng

RT: 21.04 min Scan# 1763

Delta R.T. -0.00 min

Lab File: BF077217.D

Acq: 6 Feb 2015 23:47

Instrument :

BNA_F

ClientSampled :

PB81608BS

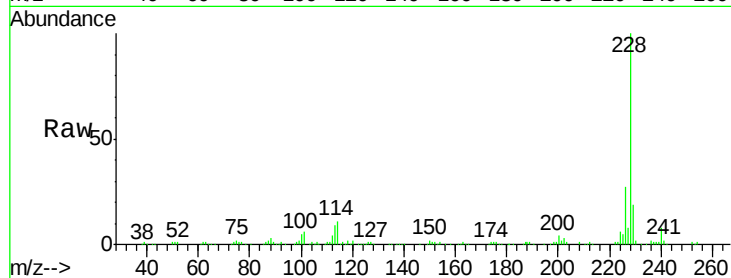
Tot Ion:228 Resp: 228245

Ion Ratio Lower Upper

228 100

226 26.8 22.1 33.1

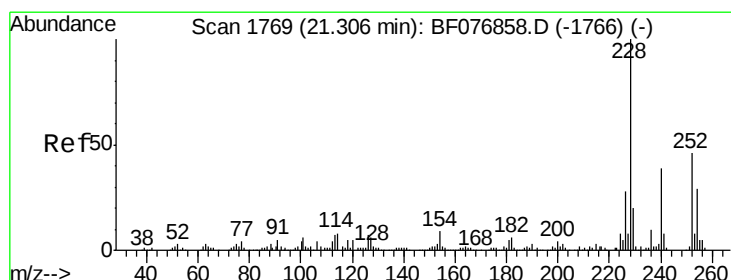
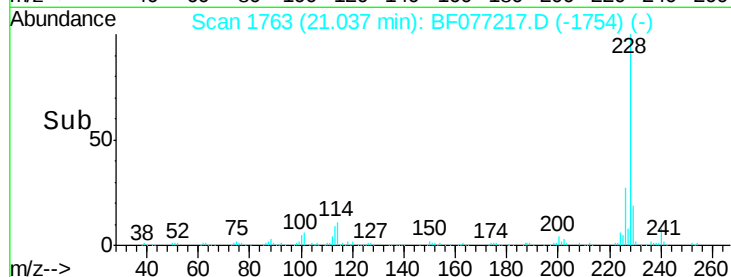
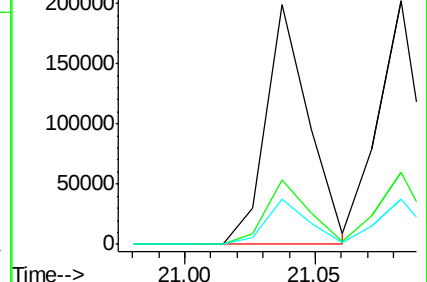
229 18.8 15.5 23.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 26.55 ng

RT: 21.05 min Scan# 1764

Delta R.T. -0.01 min

Lab File: BF077217.D

Acq: 6 Feb 2015 23:47

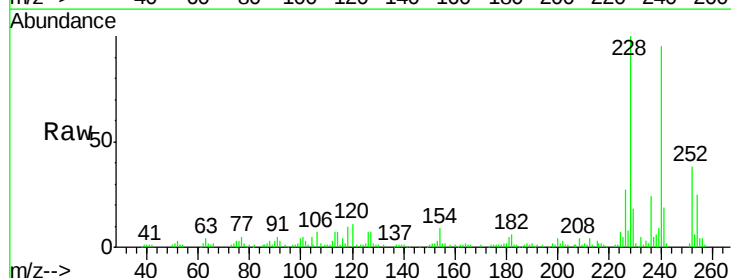
Tgt Ion:252 Resp: 53364

Ion Ratio Lower Upper

252 100

254 65.7 50.2 75.4

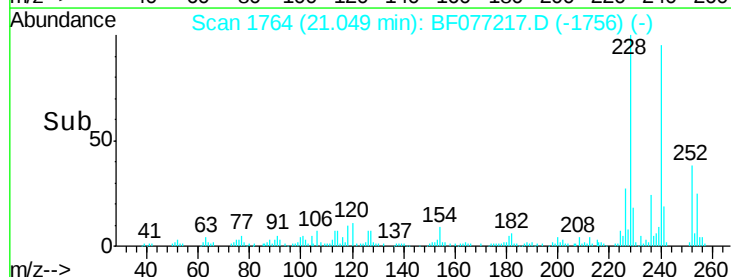
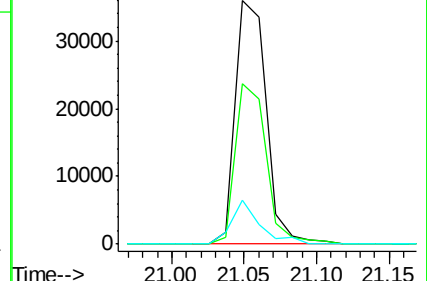
126 17.9 11.5 17.3#

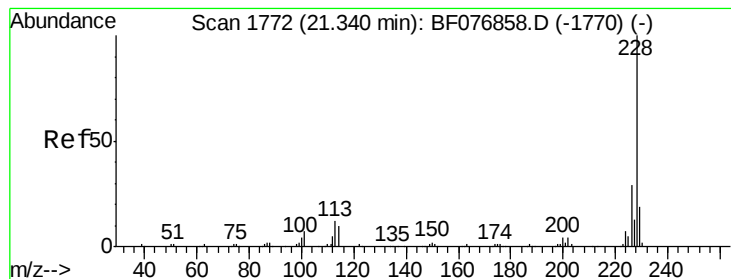


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 38.24 ng

RT: 21.08 min Scan# 1767

Delta R.T. -0.00 min

Lab File: BF077217.D

Acq: 6 Feb 2015 23:47

Instrument :

BNA_F

ClientSampleId :

PB81608BS

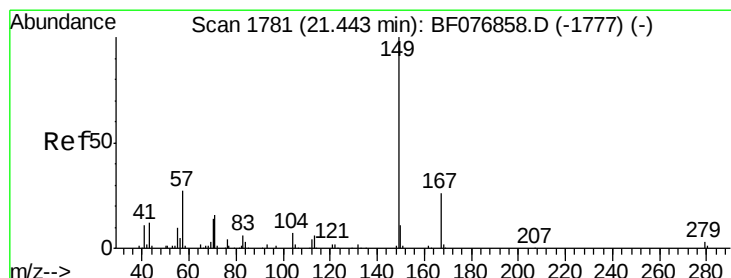
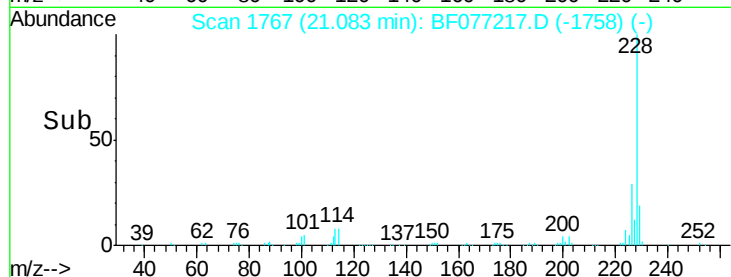
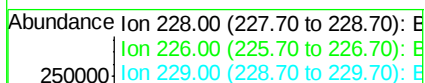
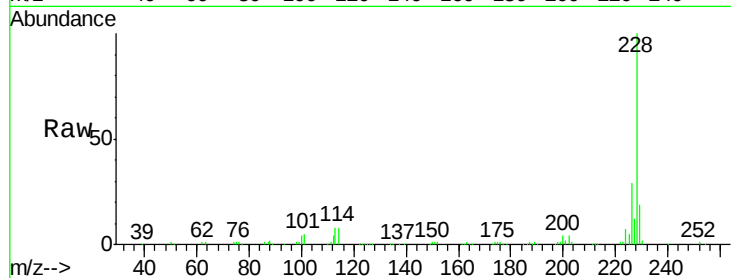
Tot Ion:228 Resp: 220559

Ion Ratio Lower Upper

228 100

226 29.4 23.4 35.0

229 18.8 15.4 23.0



#83

Bis(2-ethylhexyl)phthalate

Concen: 42.60 ng

RT: 21.20 min Scan# 1777

Delta R.T. -0.00 min

Lab File: BF077217.D

Acq: 6 Feb 2015 23:47

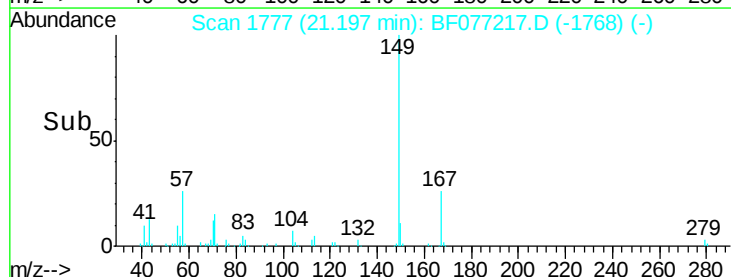
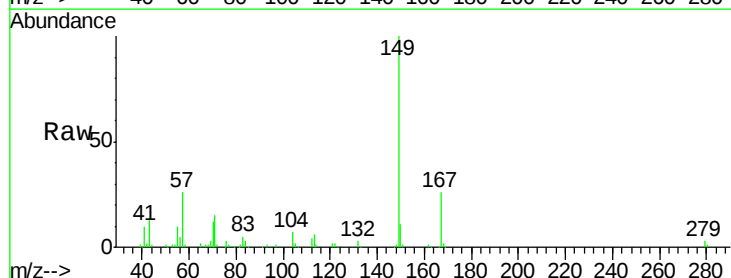
Tgt Ion:149 Resp: 184393

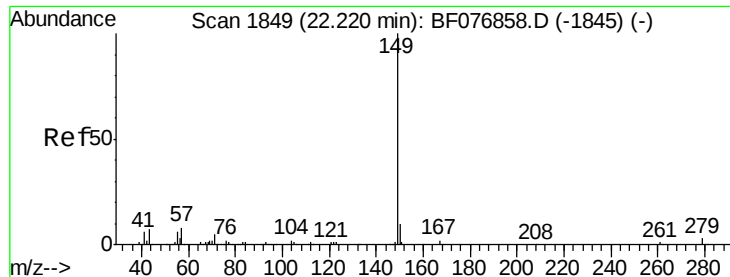
Ion Ratio Lower Upper

149 100

167 25.6 20.6 30.8

279 2.6 2.2 3.2

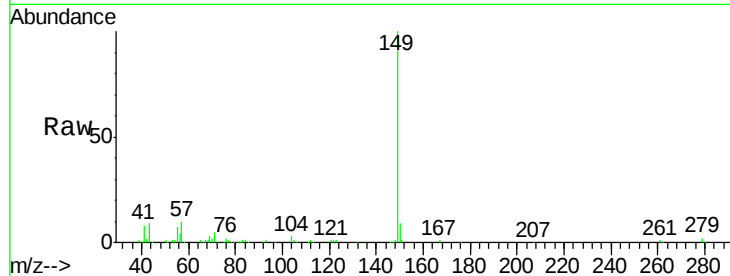




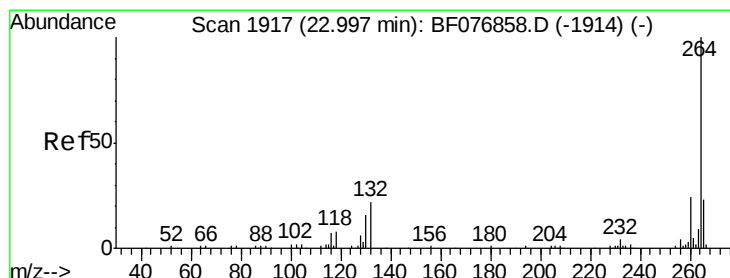
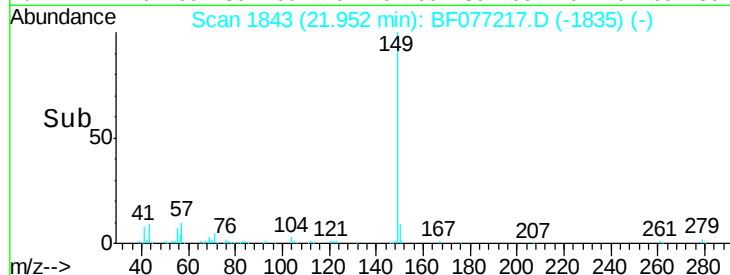
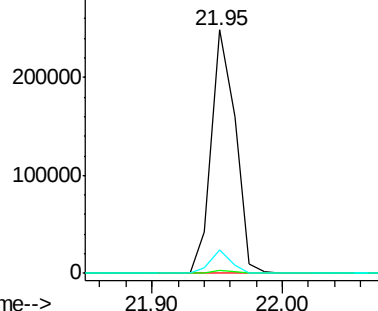
#84
Di-n-octyl phthalate
Concen: 42.29 ng
RT: 21.95 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BF077217.D
Acq: 6 Feb 2015 23:47

Instrument :
BNA_F
ClientSampleId :
PB81608BS

Tot Ion:149 Resp: 317712
Ion Ratio Lower Upper
149 100
167 1.3 1.1 1.7
43 8.5 6.6 10.0

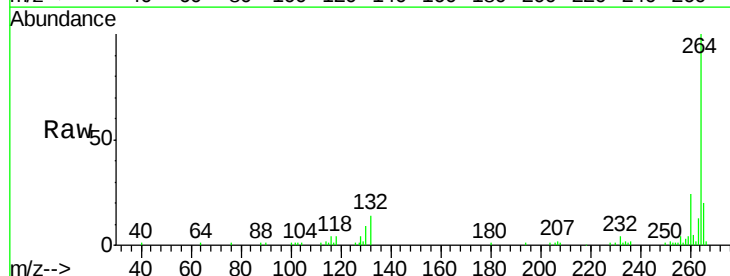


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

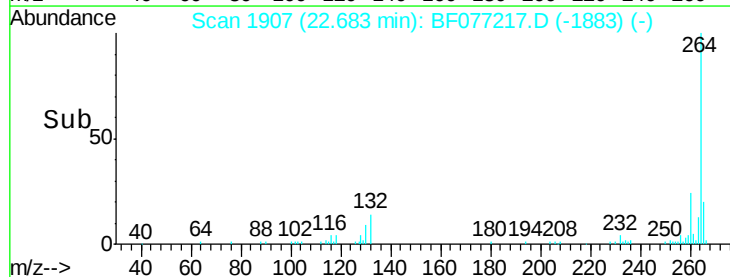
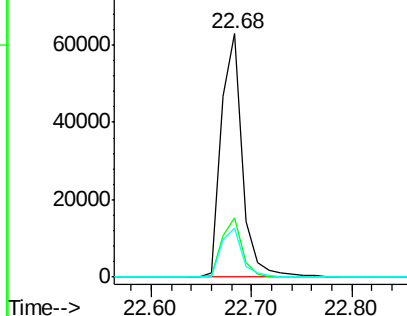


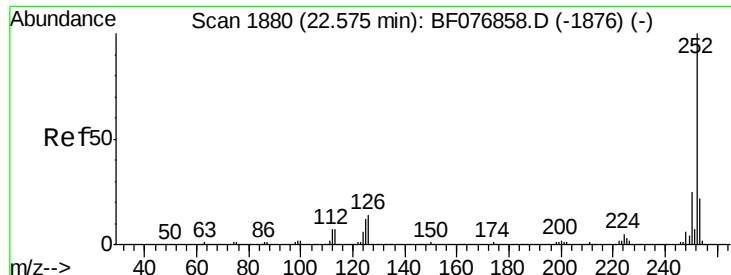
#86
Perylene-d12
Concen: 20.00 ng
RT: 22.68 min Scan# 1907
Delta R.T. -0.02 min
Lab File: BF077217.D
Acq: 6 Feb 2015 23:47

Tgt Ion:264 Resp: 91204
Ion Ratio Lower Upper
264 100
260 24.2 19.0 28.4
265 20.2 18.1 27.1



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 37.44 ng

RT: 22.28 min Scan# 1872

Delta R.T. -0.01 min

Lab File: BF077217.D

Acq: 6 Feb 2015 23:47

Instrument :

BNA_F

ClientSampleId :

PB81608BS

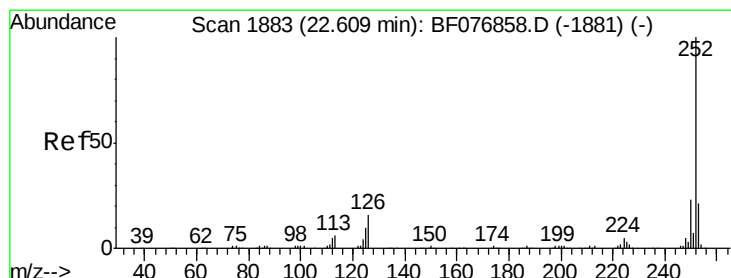
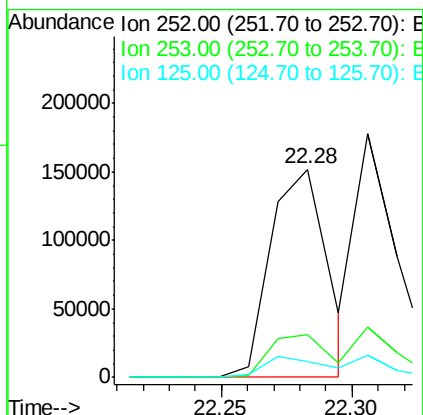
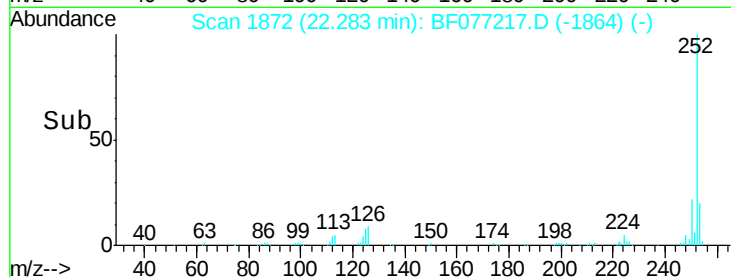
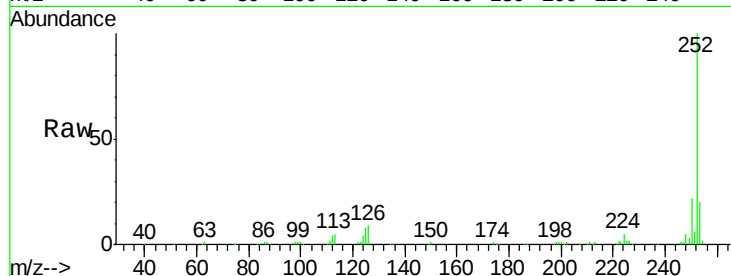
Tot Ion:252 Resp: 229984

Ion Ratio Lower Upper

252 100

253 20.5 17.5 26.3

125 7.6 9.4 14.0#



#88

Benzo(k)fluoranthene

Concen: 42.85 ng

RT: 22.28 min Scan# 1872

Delta R.T. -0.05 min

Lab File: BF077217.D

Acq: 6 Feb 2015 23:47

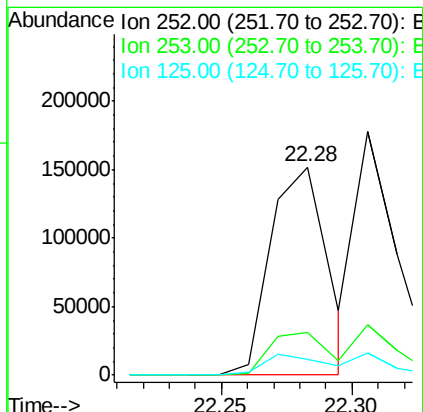
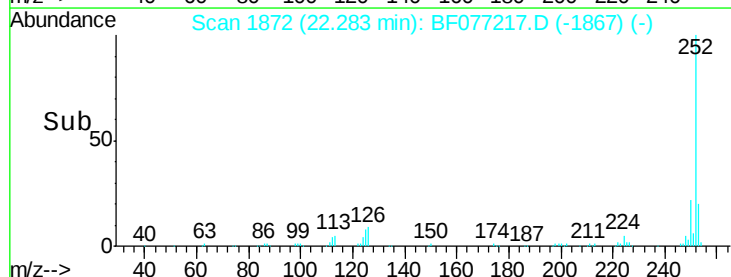
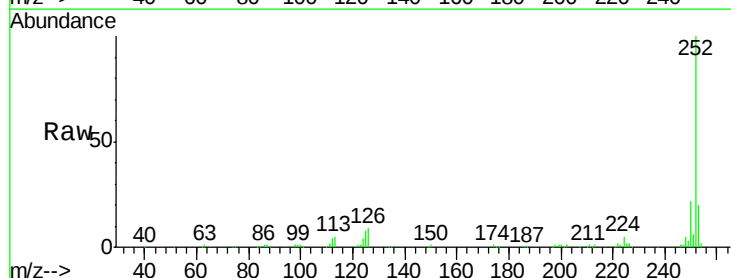
Tgt Ion:252 Resp: 229984

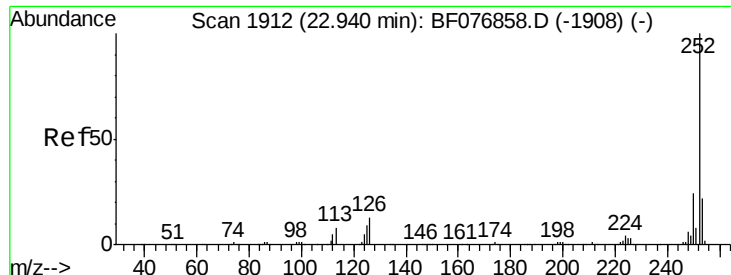
Ion Ratio Lower Upper

252 100

253 20.5 17.2 25.8

125 7.6 7.1 10.7

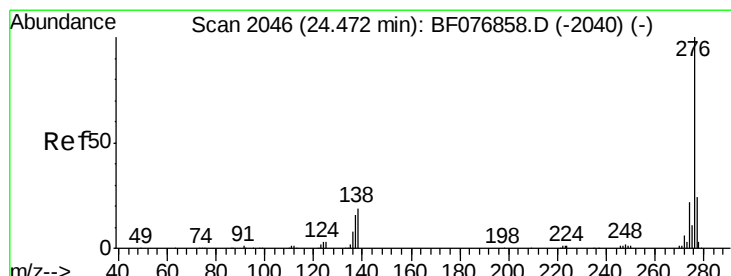
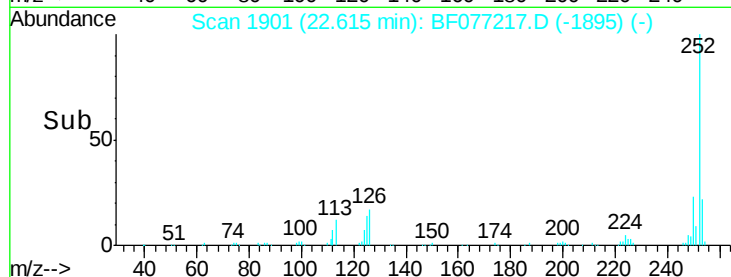
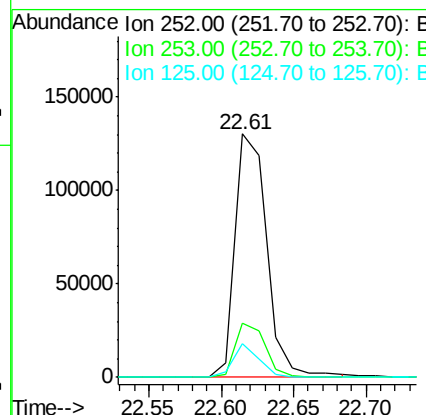
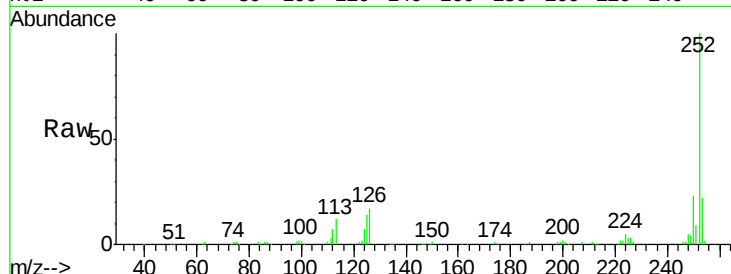




#89
Benzo(a)pyrene
Concen: 36.65 ng
RT: 22.61 min Scan# 1901
Delta R.T. -0.03 min
Lab File: BF077217.D
Acq: 6 Feb 2015 23:47

Instrument :
BNA_F
ClientSampleId :
PB81608BS

Tot Ion:252 Resp: 198579
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 14.0 7.2 10.8#



#91
Benzo(g,h,i)perylene
Concen: 26.02 ng
RT: 24.01 min Scan# 2023
Delta R.T. -0.09 min
Lab File: BF077217.D
Acq: 6 Feb 2015 23:47

Tgt Ion:276 Resp: 128587
Ion Ratio Lower Upper
276 100
277 22.9 19.5 29.3
138 20.2 15.0 22.6

