

Data Path : Z:\HPCHEM1\BNA F\Data\BF012215\
 Data File : BF077028.D
 Acq On : 23 Jan 2015 2:52
 Operator : TP/IZ
 Sample : G1120-01MS
 Misc : S
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 23 03:43:38 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 23 01:19:05 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	23473	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	98443	20.00	ng	0.00
38) Acenaphthene-d10	14.89	164	54628	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	87061	20.00	ng	0.00
75) Chrysene-d12	21.19	240	81460	20.00	ng	0.00
86) Perylene-d12	22.83	264	73280	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	4.89	112	191481	134.12	ng	0.00
7) Phenol-d6	7.26	99	241532	134.11	ng	0.00
23) Nitrobenzene-d5	9.16	82	152968	86.09	ng	0.00
41) 2,4,6-Tribromophenol	16.59	330	58964	132.97	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	311448	86.76	ng	0.00
78) Terphenyl-d14	19.92	244	297912	84.19	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	1.22	88	19342	31.64	ng	# 94
3) Pyridine	1.68	79	61414	38.82	ng	95
4) n-Nitrosodimethylamine	1.65	42	27591	35.21	ng	# 97
6) Aniline	7.14	93	33297	13.36	ng	98
8) 2-Chlorophenol	7.38	128	72323	43.94	ng	100
9) Benzaldehyde	6.86	77	15938	13.52	ng	89
10) Phenol	7.28	94	91438	47.81	ng	91
11) bis(2-Chloroethyl)ether	7.40	93	70469	47.09	ng	# 77
12) 1,3-Dichlorobenzene	7.69	146	78510	41.93	ng	94
13) 1,4-Dichlorobenzene	7.89	146	80148	40.36	ng	98
14) 1,2-Dichlorobenzene	8.21	146	77088	42.13	ng	97
15) Benzyl Alcohol	8.29	79	62229	42.70	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.64	45	86020	42.76	ng	94
17) 2-Methylphenol	8.64	107	57419	42.69	ng	97
18) Hexachloroethane	8.95	117	29718	43.03	ng	97
19) n-Nitroso-di-n-propylamine	8.93	70	54449	43.19	ng	93
20) 3+4-Methylphenols	9.02	107	74693	41.94	ng	94
22) Acetophenone	8.85	105	108693	45.08	ng	96
24) Nitrobenzene	9.19	77	79305	43.81	ng	96
25) Isophorone	9.80	82	140752	43.49	ng	96
26) 2-Nitrophenol	9.93	139	37996	41.25	ng	# 83
27) 2,4-Dimethylphenol	10.22	122	62675	44.78	ng	97
28) bis(2-Chloroethoxy)methane	10.42	93	84936	46.18	ng	99
29) 2,4-Dichlorophenol	10.54	162	59999	45.99	ng	97
30) 1,2,4-Trichlorobenzene	10.68	180	64689	44.64	ng	96
31) Naphthalene	10.81	128	216148	42.65	ng	98
32) Benzoic acid	10.55	122	9064	11.69	ng	95
33) 4-Chloroaniline	11.06	127	32657	15.95	ng	94
34) Hexachlorobutadiene	11.18	225	37346	43.44	ng	93
36) 4-Chloro-3-methylphenol	12.36	107	66517	44.53	ng	99
37) 2-Methylnaphthalene	12.46	142	155796	45.01	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	59358	43.95	ng	98
40) Hexachlorocyclopentadiene	12.86	237	54551	75.31	ng	95
42) 2,4,6-Trichlorophenol	13.21	196	43326	44.03	ng	98

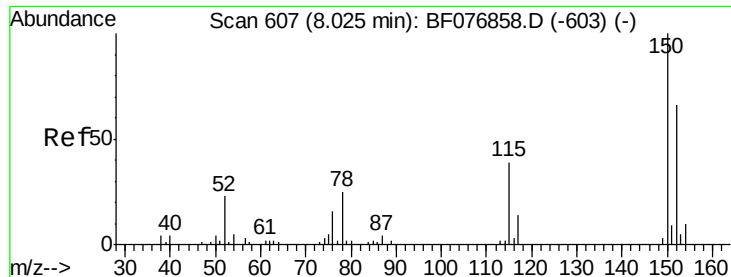
Data Path : Z:\HPCHEM1\BNA F\Data\BF012215\
 Data File : BF077028.D
 Acq On : 23 Jan 2015 2:52
 Operator : TP/IZ
 Sample : G1120-01MS
 Misc : S
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 23 03:43:38 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 23 01:19:05 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.31	196	41846	41.69	nq	100
45) 1,1'-Biphenyl	13.61	154	179605	44.35	nq	97
46) 2-Chloronaphthalene	13.59	162	143580	43.08	nq	97
47) 2-Nitroaniline	13.93	65	44456	43.97	nq	94
48) Acenaphthylene	14.54	152	232049	41.28	nq	99
49) Dimethylphthalate	14.49	163	178965	46.20	nq	98
50) 2,6-Dinitrotoluene	14.59	165	34935	45.13	nq	95
51) Acenaphthene	14.96	154	130257	40.84	nq	99
52) 3-Nitroaniline	14.93	138	26394	26.94	nq	84
53) 2,4-Dinitrophenol	15.21	184	23396	66.70	nq	96
54) Dibenzofuran	15.39	168	203398	43.78	nq	100
55) 4-Nitrophenol	15.53	139	51048	84.06	nq	# 86
56) 2,4-Dinitrotoluene	15.52	165	47932	41.60	nq	# 87
57) Fluorene	16.13	166	163131	41.44	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.74	232	33105	45.30	nq	# 96
59) Diethylphthalate	16.13	149	170724	43.60	nq	98
60) 4-Chlorophenyl-phenylether	16.22	204	70442	43.74	nq	88
61) 4-Nitroaniline	16.27	138	32591	33.84	nq	97
62) Azobenzene	16.51	77	174604	42.80	nq	97
64) 4,6-Dinitro-2-methylphenol	16.35	198	20837	37.98	nq	98
65) n-Nitrosodiphenylamine	16.46	169	137435	44.27	nq	98
66) 4-Bromophenyl-phenylether	17.07	248	40544	45.97	nq	90
67) Hexachlorobenzene	17.08	284	41304	44.44	nq	89
68) Atrazine	17.44	200	48059	51.02	nq	97
69) Pentachlorophenol	17.44	266	35591	83.18	nq	98
70) Phenanthrene	17.73	178	231352	42.61	nq	99
71) Anthracene	17.81	178	229929	43.43	nq	100
72) Carbazole	18.09	167	228288	44.46	nq	98
73) Di-n-butylphthalate	18.68	149	283561	47.71	nq	99
74) Fluoranthene	19.37	202	237378	42.67	nq	98
76) Benzidine	19.61	184	106452	40.84	nq	99
77) Pyrene	19.66	202	250141	44.81	nq	99
79) Butylbenzylphthalate	20.59	149	118942	47.04	nq	89
80) Benzo(a)anthracene	21.18	228	216769	42.41	nq	99
81) 3,3'-Dichlorobenzidine	21.19	252	55847	34.38	nq	99
82) Chrysene	21.23	228	207037	44.42	nq	100
83) Bis(2-ethylhexyl)phthalate	21.33	149	180260	51.53	nq	# 97
84) Di-n-octyl phthalate	22.09	149	306387	50.46	nq	97
85) Indeno(1,2,3-cd)pyrene	23.90	276	212807	43.08	nq	# 83
87) Benzo(b)fluoranthene	22.43	252	211752	42.90	nq	# 95
88) Benzo(k)fluoranthene	22.43	252	211752	49.11	nq	98
89) Benzo(a)pyrene	22.77	252	198724	45.65	nq	# 96
90) Dibenzo(a,h)anthracene	23.92	278	174612	43.71	nq	# 96
91) Benzo(g,h,i)perylene	24.19	276	175222	44.12	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.85 min Scan# 592

Delta R.T. -0.00 min

Lab File: BF077028.D

Acq: 23 Jan 2015 2:52

Instrument :

BNA_F

ClientSampleId :

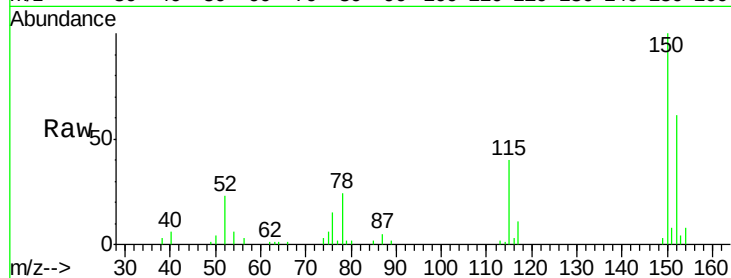
Tot Ion:152 Resp: 23473

Ion Ratio Lower Upper

152 100

150 164.5 121.7 182.5

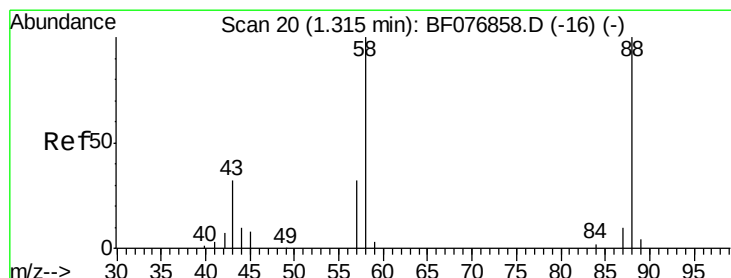
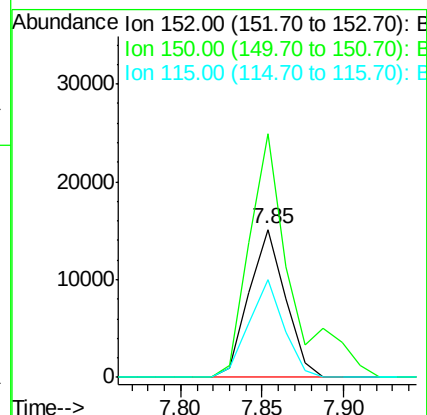
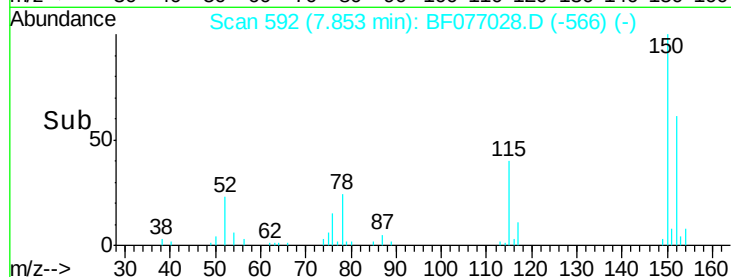
115 66.0 47.0 70.6



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: 31.64 ng

RT: 1.22 min Scan# 12

Delta R.T. 0.02 min

Lab File: BF077028.D

Acq: 23 Jan 2015 2:52

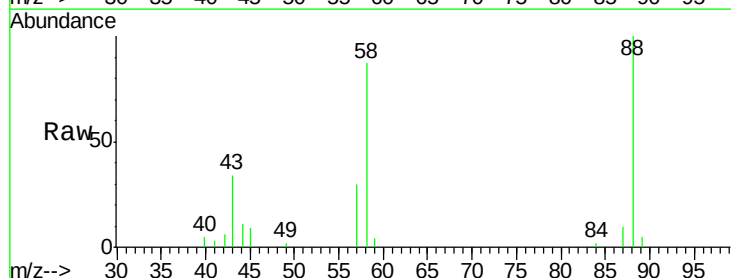
Tgt Ion: 88 Resp: 19342

Ion Ratio Lower Upper

88 100

58 97.4 77.0 115.4

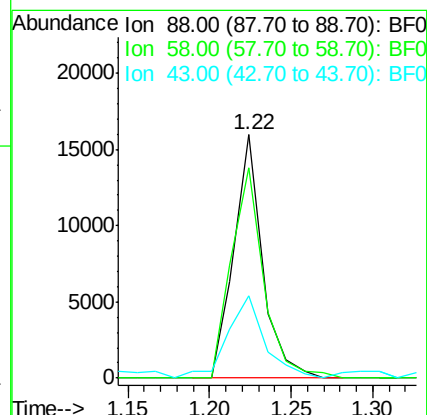
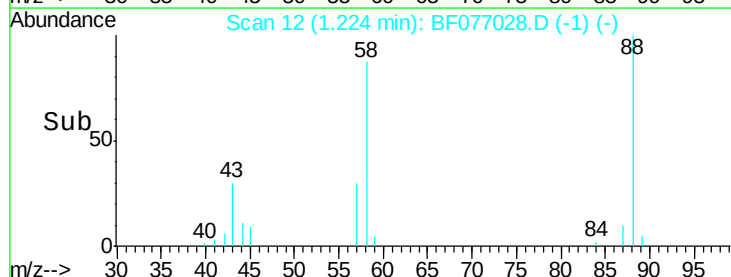
43 44.4 25.6 38.4#

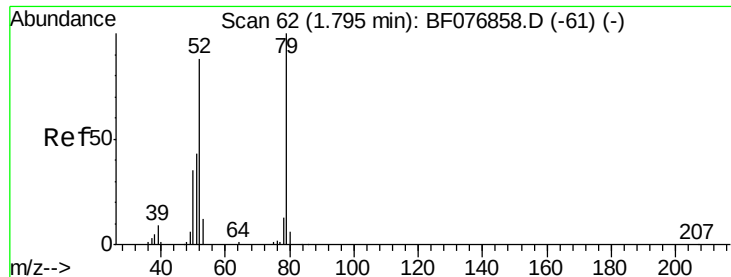


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 38.82 ng

RT: 1.68 min Scan# 52

Delta R.T. 0.02 min

Lab File: BF077028.D

Acq: 23 Jan 2015 2:52

Instrument :

BNA_F

ClientSampleId :

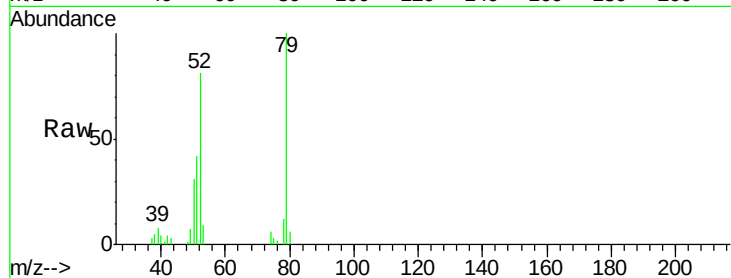
Tot Ion: 79 Resp: 61414

Ion Ratio Lower Upper

79 100

52 81.3 70.1 105.1

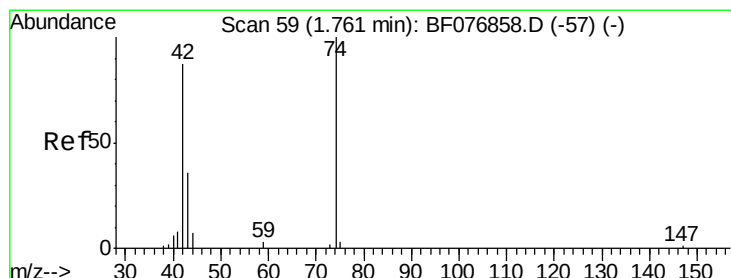
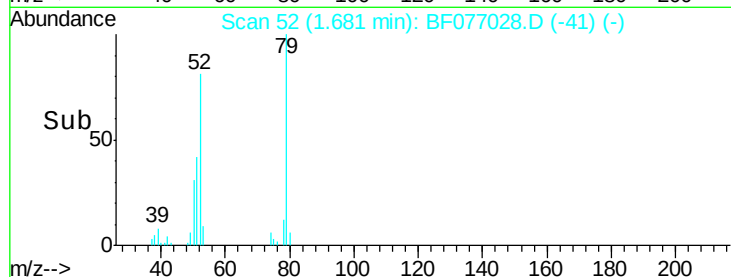
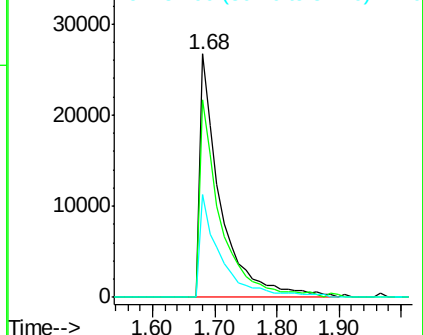
51 42.4 35.1 52.7



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 35.21 ng

RT: 1.65 min Scan# 49

Delta R.T. 0.02 min

Lab File: BF077028.D

Acq: 23 Jan 2015 2:52

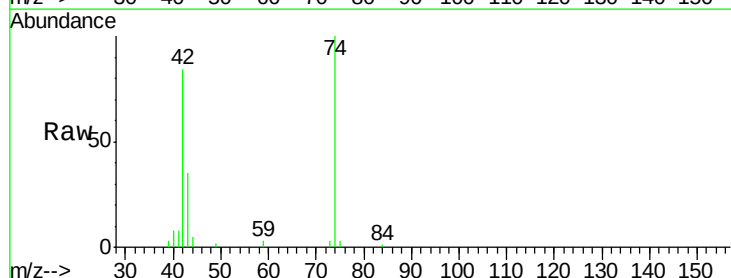
Tgt Ion: 42 Resp: 27591

Ion Ratio Lower Upper

42 100

74 119.0 92.4 138.6

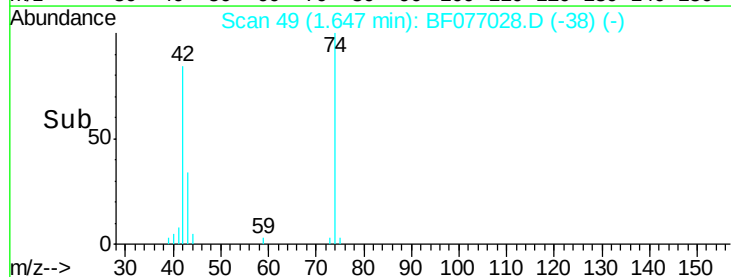
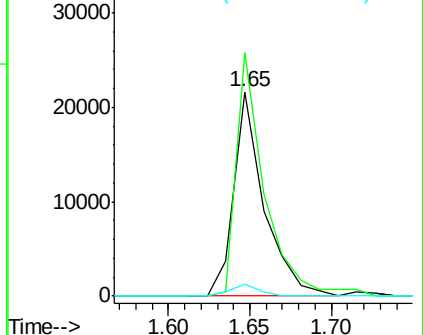
44 5.6 6.2 9.2#

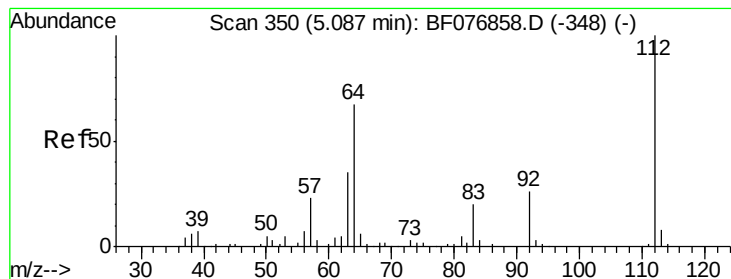


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 134.12 ng

RT: 4.89 min Scan# 333

Delta R.T. -0.00 min

Lab File: BF077028.D

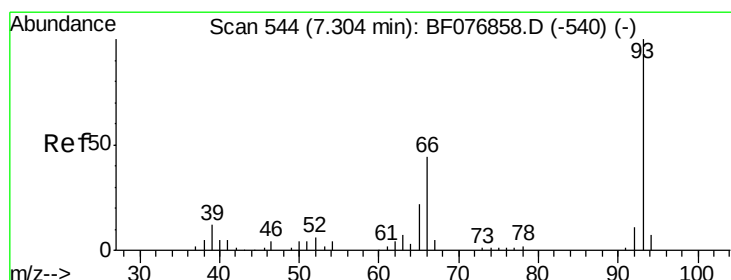
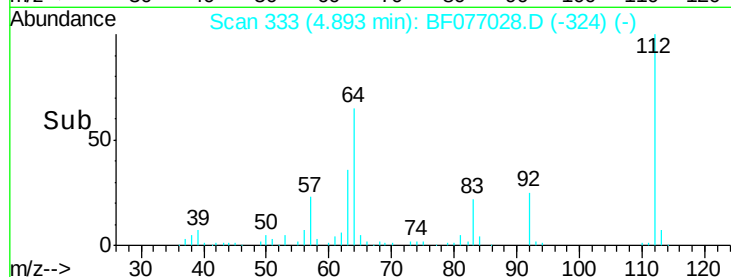
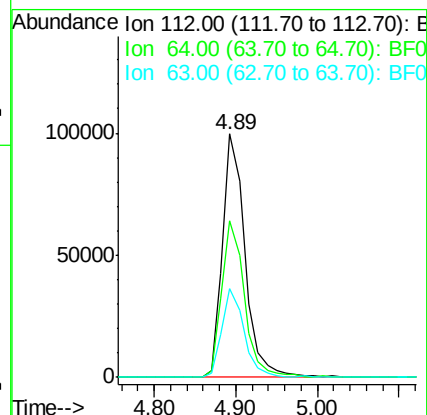
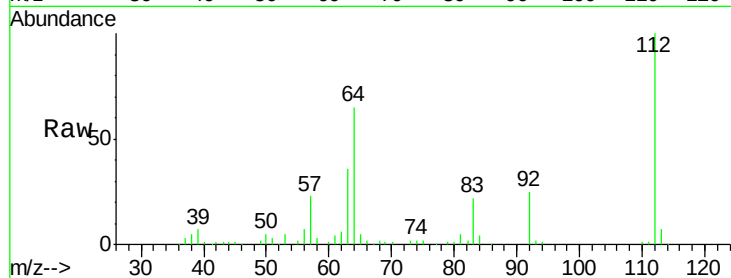
Acq: 23 Jan 2015 2:52

Instrument :

BNA_F

ClientSampled :

Tot Ion:	112	Resp:	191481
Ion Ratio	Lower	Upper	
112	100		
64	64.5	54.2	81.4
63	36.2	28.4	42.6



#6

Aniline

Concen: 13.36 ng

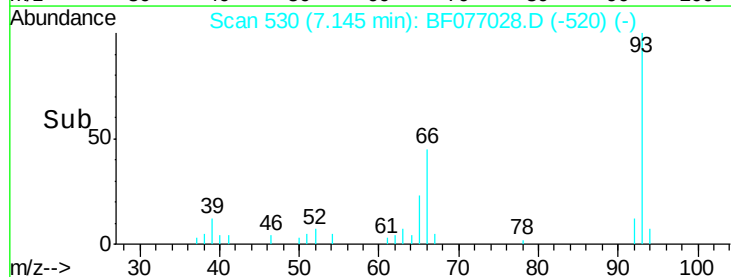
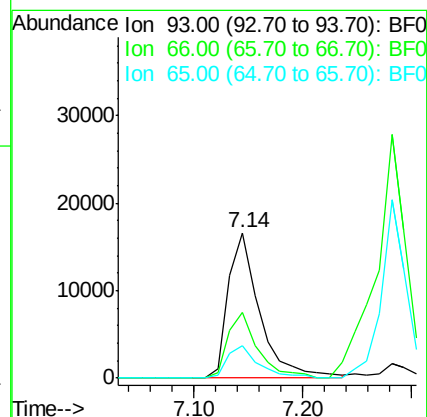
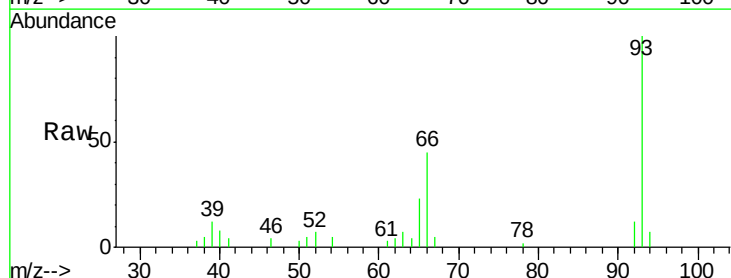
RT: 7.14 min Scan# 530

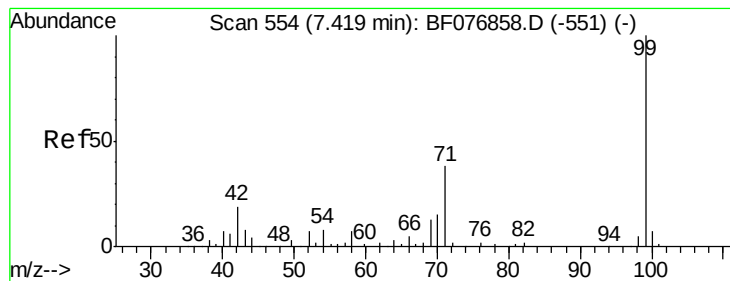
Delta R.T. 0.01 min

Lab File: BF077028.D

Acq: 23 Jan 2015 2:52

Tgt Ion:	93	Resp:	33297
Ion Ratio	Lower	Upper	
93	100		
66	45.0	35.0	52.4
65	22.6	17.7	26.5





#7

Phenol-d6

Concen: 134.11 ng

RT: 7.26 min Scan# 540

Delta R.T. -0.00 min

Lab File: BF077028.D

Acq: 23 Jan 2015 2:52

Instrument :

BNA_F

ClientSampleId :

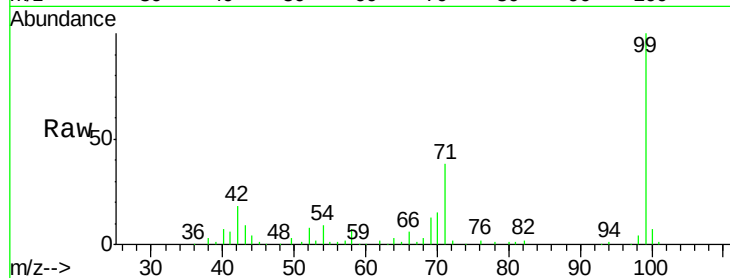
Tot Ion: 99 Resp: 241532

Ion Ratio Lower Upper

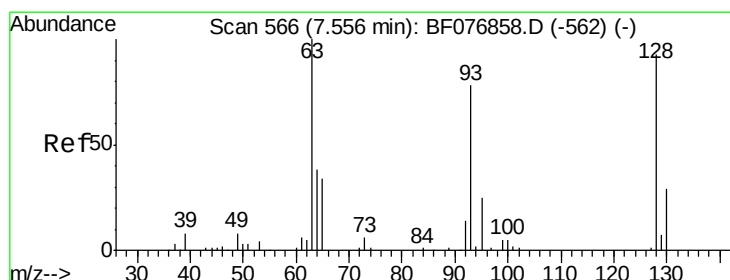
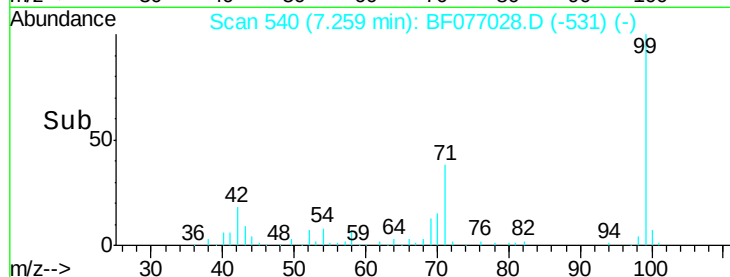
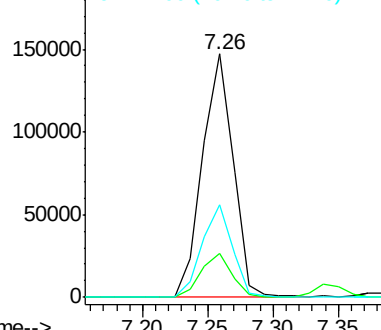
99 100

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: 43.94 ng

RT: 7.38 min Scan# 551

Delta R.T. -0.00 min

Lab File: BF077028.D

Acq: 23 Jan 2015 2:52

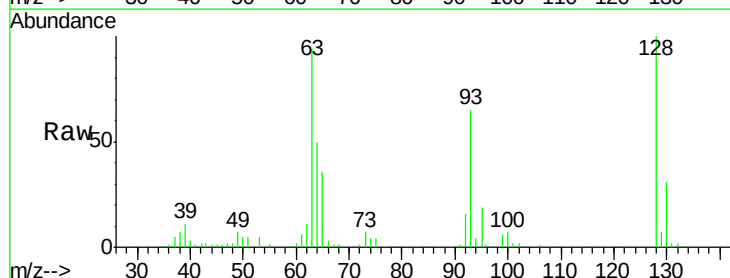
Tgt Ion: 128 Resp: 72323

Ion Ratio Lower Upper

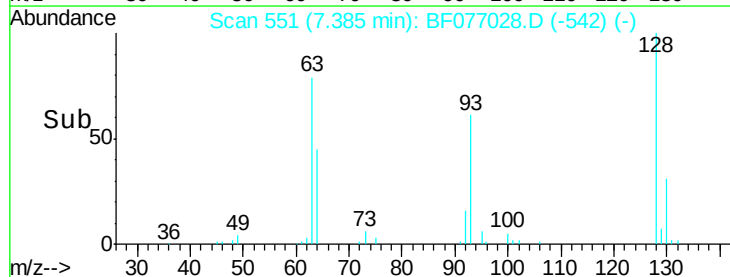
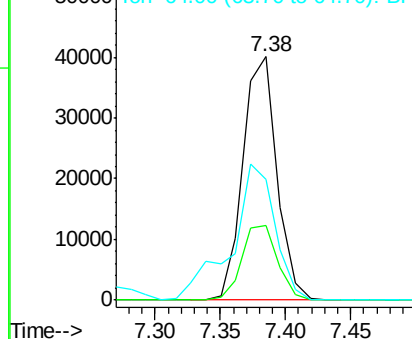
128 100

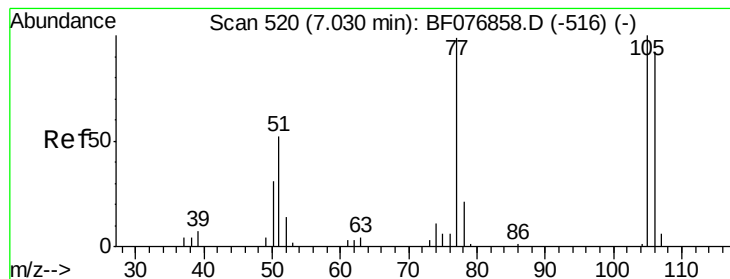
130 30.8 11.0 51.0

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





#9

Benzaldehyde

Concen: 13.52 ng

RT: 6.86 min Scan# 505

Delta R.T. -0.00 min

Lab File: BF077028.D

Acq: 23 Jan 2015 2:52

Instrument :

BNA_F

ClientSampled :

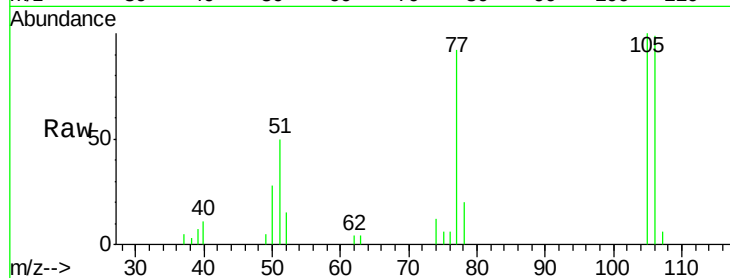
Tot Ion: 77 Resp: 15938

Ion Ratio Lower Upper

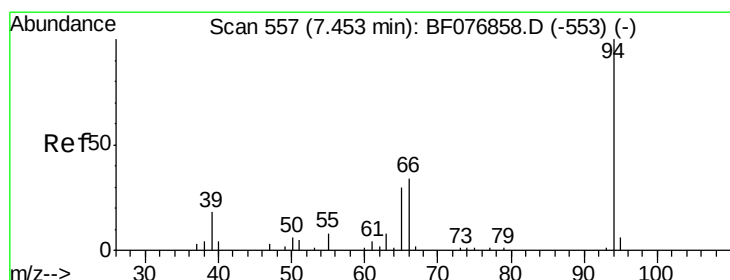
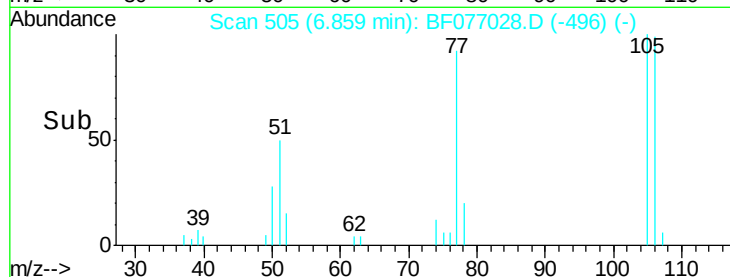
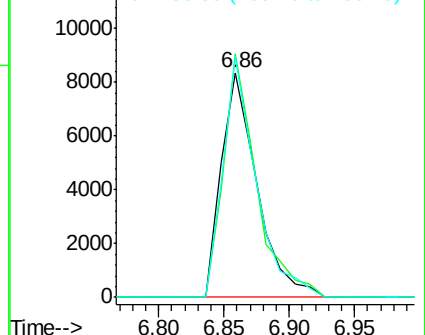
77 100

105 108.3 81.4 121.4

106 107.2 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: 47.81 ng

RT: 7.28 min Scan# 542

Delta R.T. -0.00 min

Lab File: BF077028.D

Acq: 23 Jan 2015 2:52

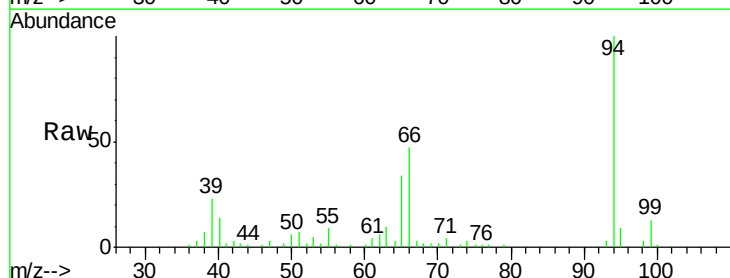
Tgt Ion: 94 Resp: 91438

Ion Ratio Lower Upper

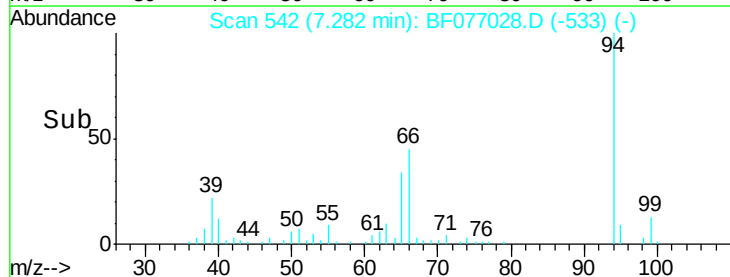
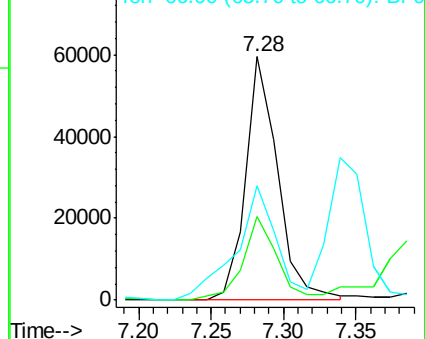
94 100

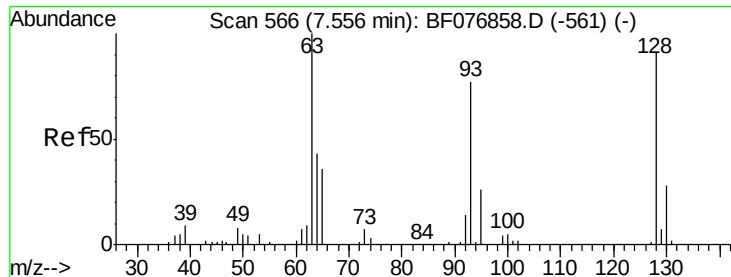
65 34.3 11.3 51.3

66 46.7 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

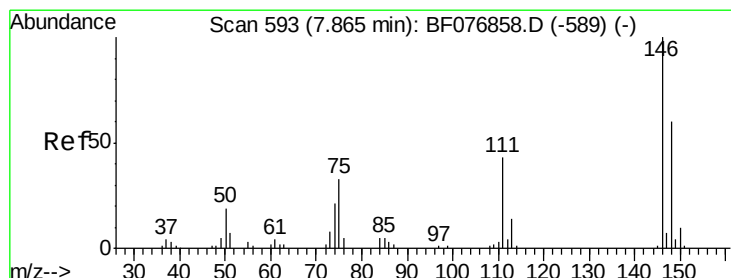
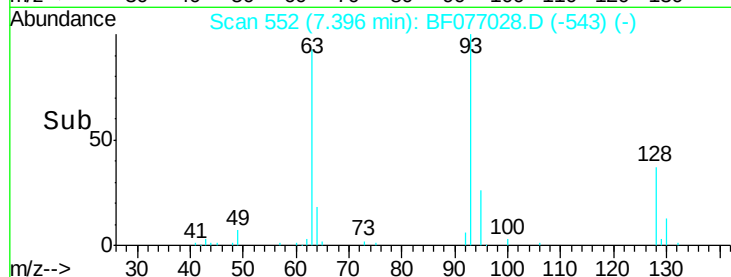
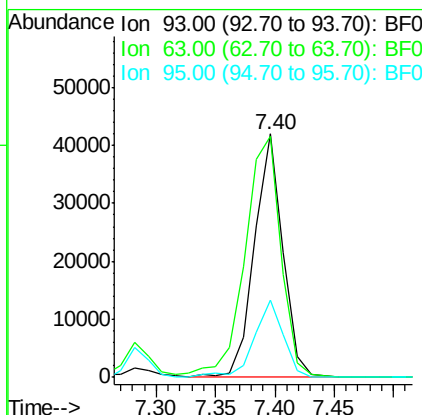
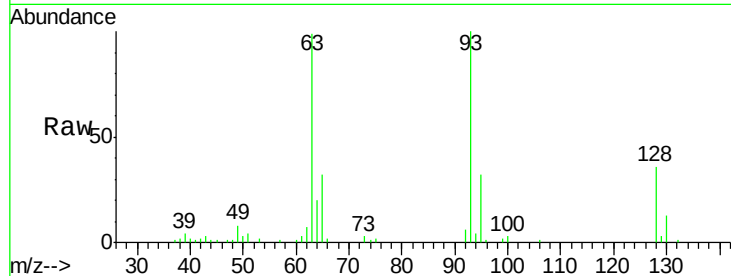




#11
bis(2-Chloroethyl)ether
Concen: 47.09 ng
RT: 7.40 min Scan# 552
Delta R.T. -0.00 min
Lab File: BF077028.D
Acq: 23 Jan 2015 2:52

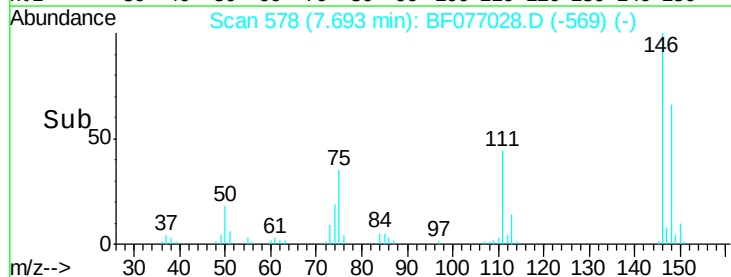
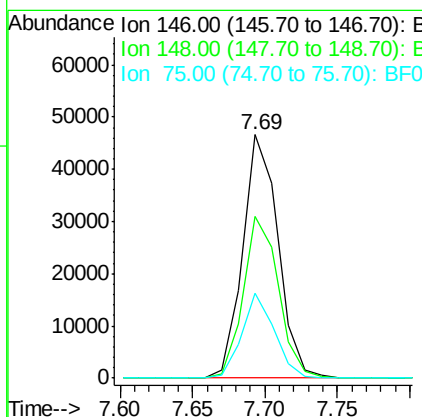
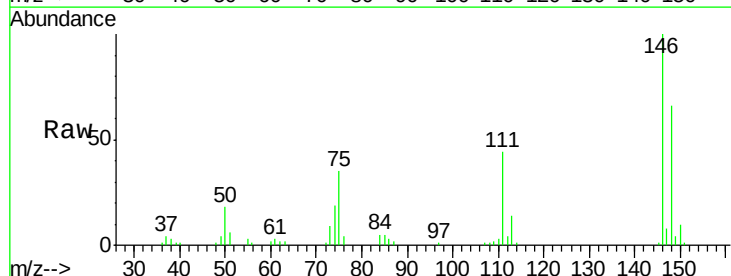
Instrument :
BNA_F
ClientSampleId :

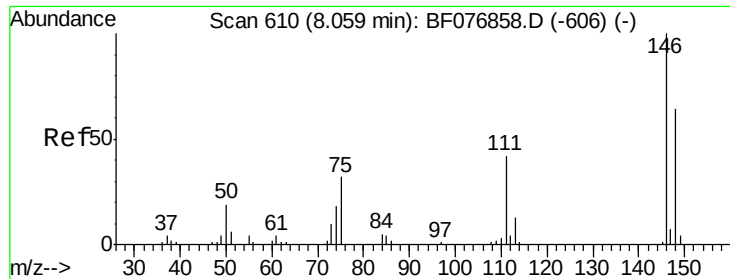
Tot Ion: 93 Resp: 70469
Ion Ratio Lower Upper
93 100
63 99.1 111.3 151.3#
95 31.9 13.8 53.8



#12
1,3-Dichlorobenzene
Concen: 41.93 ng
RT: 7.69 min Scan# 578
Delta R.T. -0.00 min
Lab File: BF077028.D
Acq: 23 Jan 2015 2:52

Tgt Ion: 146 Resp: 78510
Ion Ratio Lower Upper
146 100
148 66.3 48.1 72.1
75 34.8 26.8 40.2

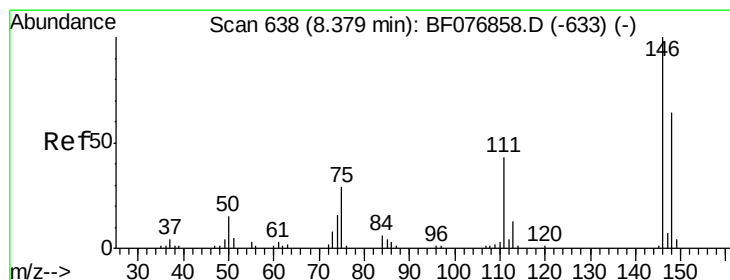
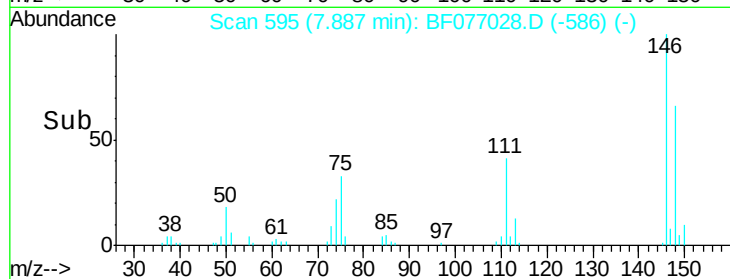
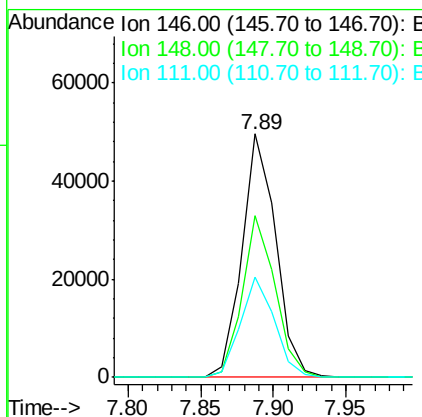
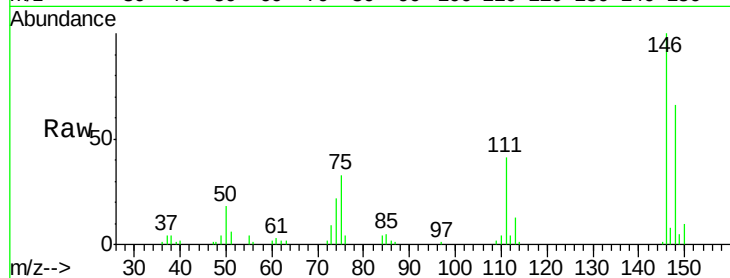




#13
 1,4-Dichlorobenzene
 Concen: 40.36 ng
 RT: 7.89 min Scan# 595
 Delta R.T. -0.00 min
 Lab File: BF077028.D
 Acq: 23 Jan 2015 2:52

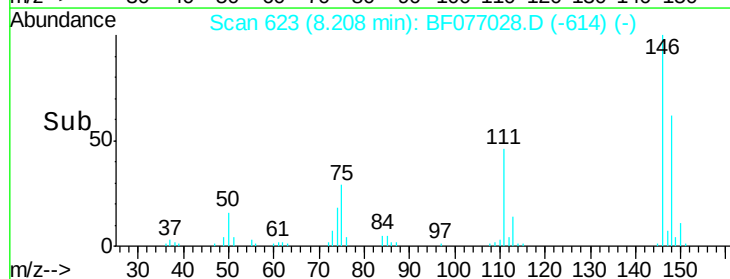
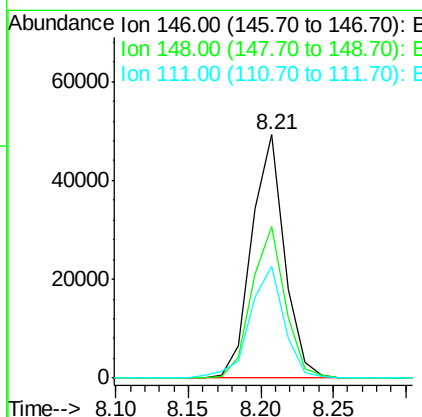
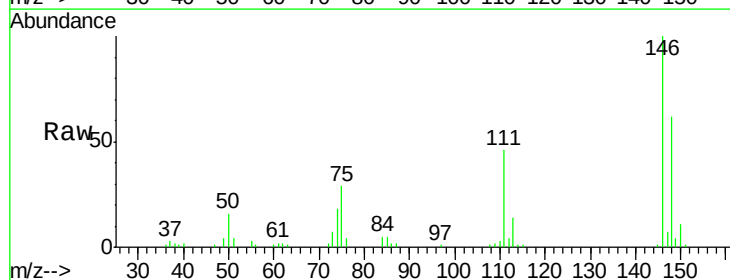
Instrument :
 BNA_F
 ClientSampleId :

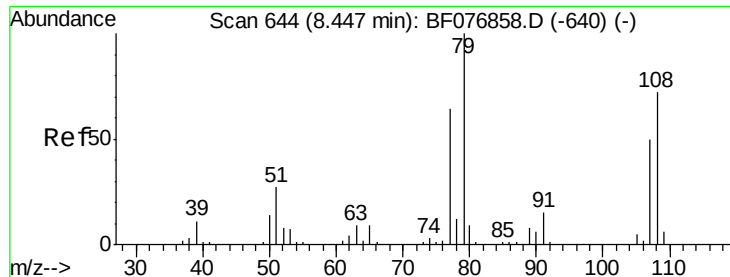
Tot Ion:146 Resp: 80148
 Ion Ratio Lower Upper
 146 100
 148 66.3 51.5 77.3
 111 41.2 33.9 50.9



#14
 1,2-Dichlorobenzene
 Concen: 42.13 ng
 RT: 8.21 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: BF077028.D
 Acq: 23 Jan 2015 2:52

Tgt Ion:146 Resp: 77088
 Ion Ratio Lower Upper
 146 100
 148 62.4 51.3 76.9
 111 46.1 34.5 51.7

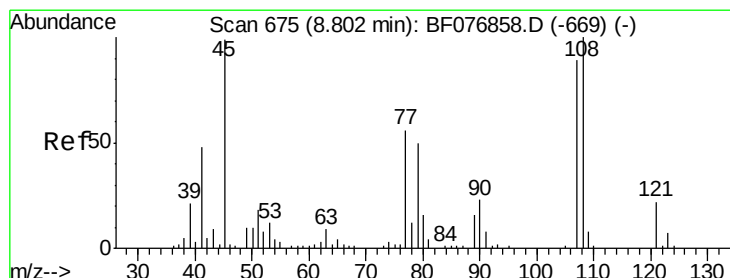
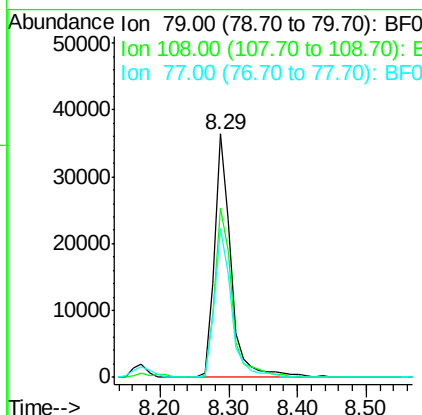
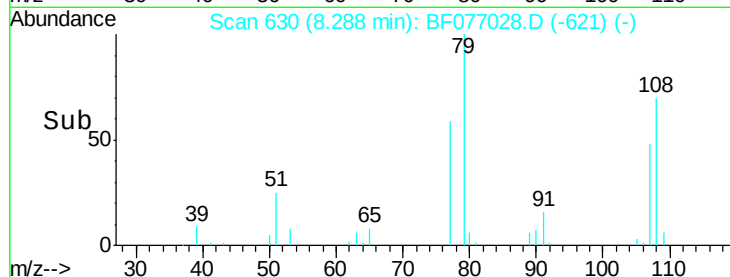
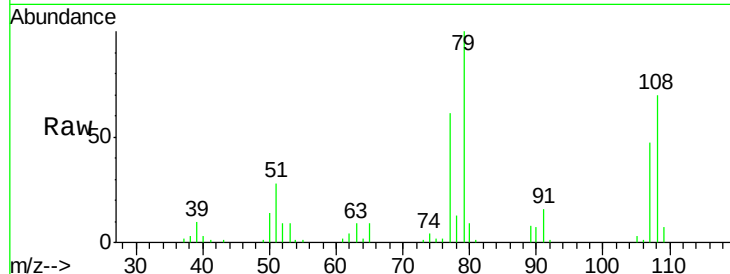




#15
Benzyl Alcohol
Concen: 42.70 ng
RT: 8.29 min Scan# 630
Delta R.T. -0.00 min
Lab File: BF077028.D
Acq: 23 Jan 2015 2:52

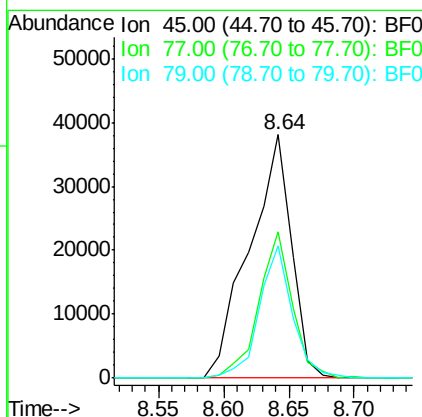
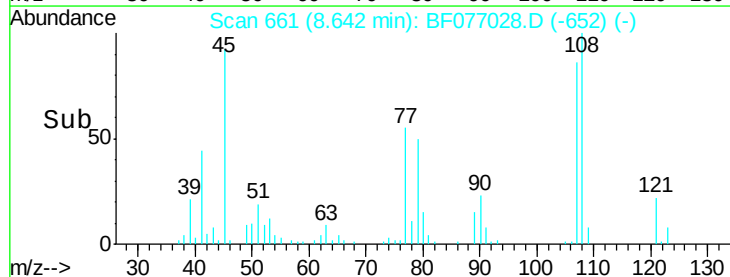
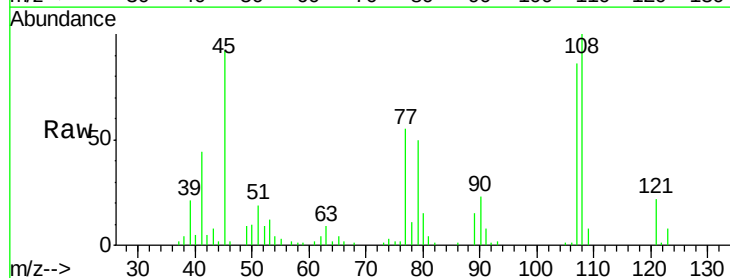
Instrument :
BNA_F
ClientSampled :

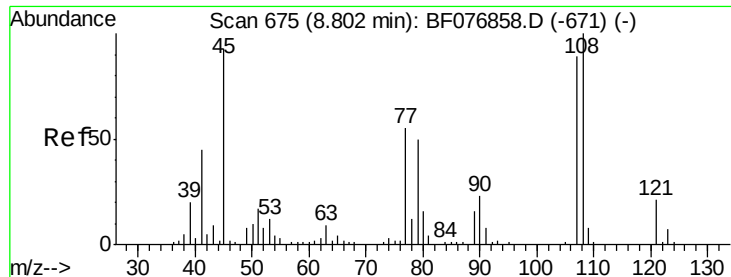
Tot Ion: 79 Resp: 62229
Ion Ratio Lower Upper
79 100
108 69.6 57.2 85.8
77 61.2 51.2 76.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 42.76 ng
RT: 8.64 min Scan# 661
Delta R.T. -0.00 min
Lab File: BF077028.D
Acq: 23 Jan 2015 2:52

Tgt Ion: 45 Resp: 86020
Ion Ratio Lower Upper
45 100
77 60.1 36.1 76.1
79 54.5 30.5 70.5

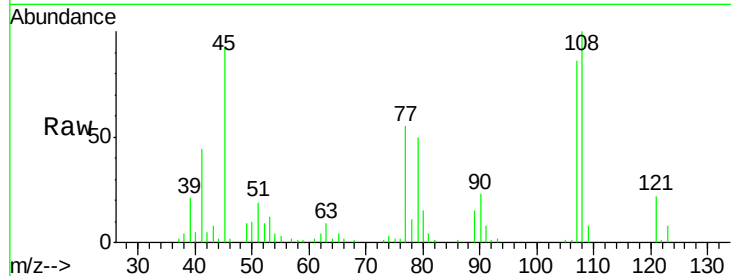




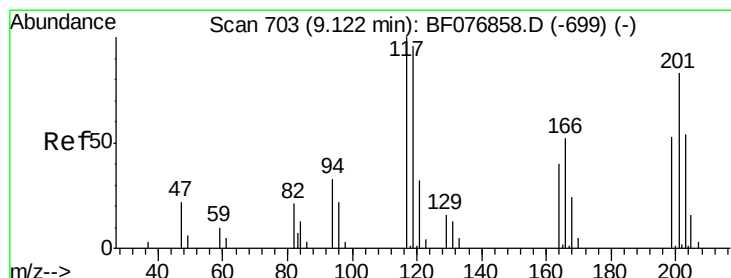
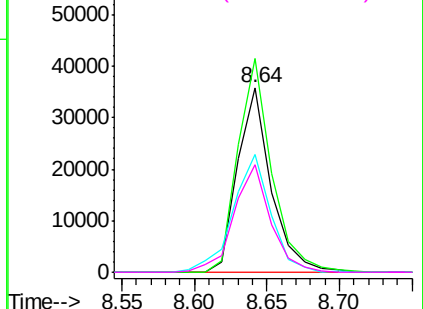
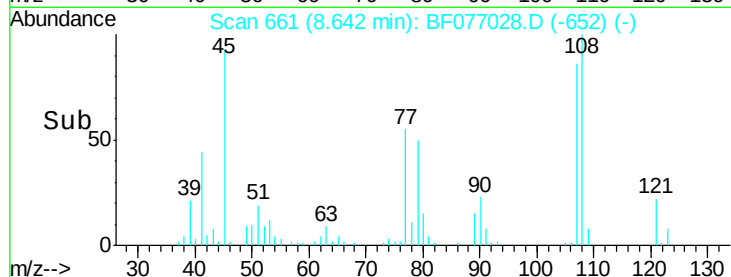
#17
2-Methylphenol
Concen: 42.69 ng
RT: 8.64 min Scan# 661
Delta R.T. -0.00 min
Lab File: BF077028.D
Acq: 23 Jan 2015 2:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 57419
Ion Ratio Lower Upper
107 100
108 115.8 89.7 134.5
77 63.9 50.1 75.1
79 58.0 45.0 67.6

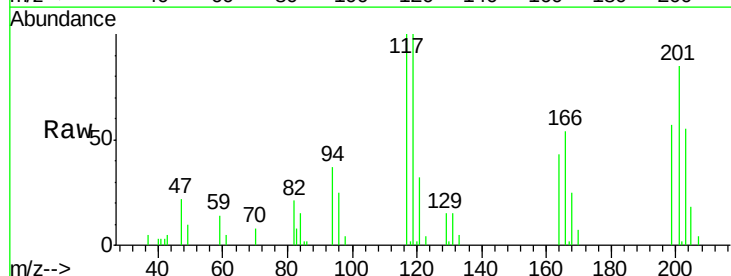


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

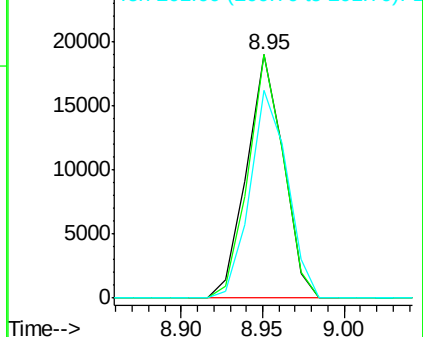
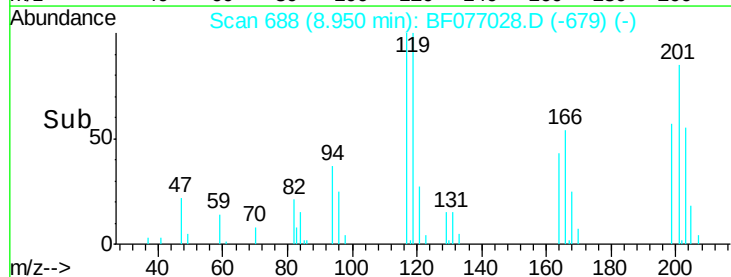


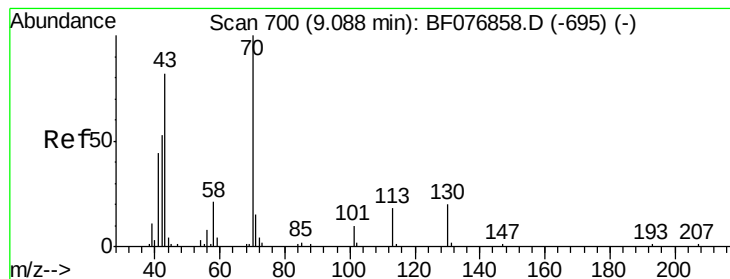
#18
Hexachloroethane
Concen: 43.03 ng
RT: 8.95 min Scan# 688
Delta R.T. -0.00 min
Lab File: BF077028.D
Acq: 23 Jan 2015 2:52

Tgt Ion:117 Resp: 29718
Ion Ratio Lower Upper
117 100
119 100.0 77.1 115.7
201 85.4 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: 43.19 ng

RT: 8.93 min Scan# 686

Delta R.T. -0.00 min

Lab File: BF077028.D

Acq: 23 Jan 2015 2:52

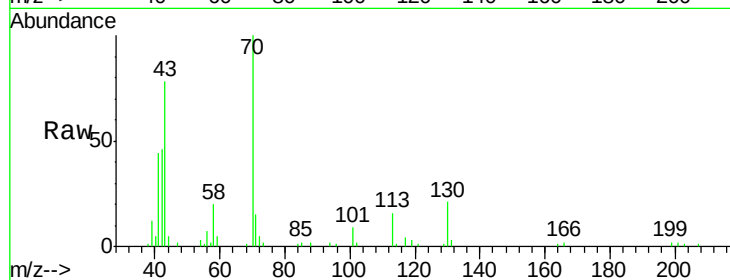
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 54449

Ion	Ratio	Lower	Upper
70	100		
42	46.1	42.1	63.1
101	9.1	7.8	11.8
130	21.3	16.2	24.4



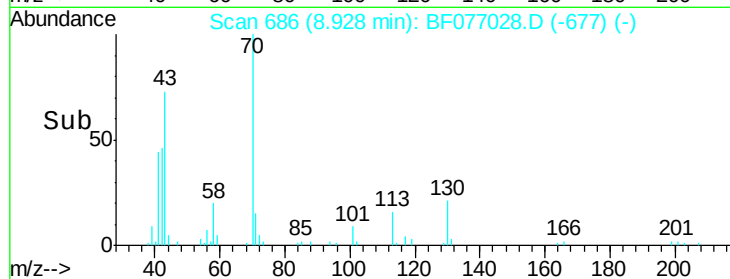
Abundance

Ion 70.00 (69.70 to 70.70): BF0

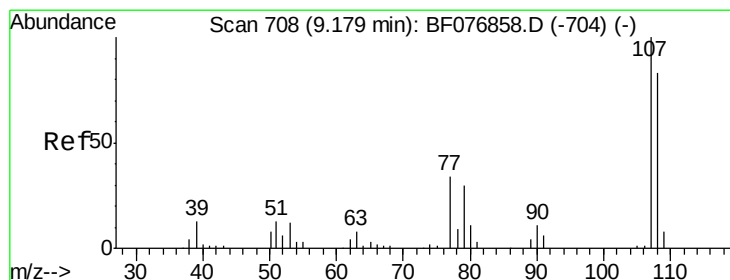
Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



Time-->



#20

3+4-Methylphenols

Concen: 41.94 ng

RT: 9.02 min Scan# 694

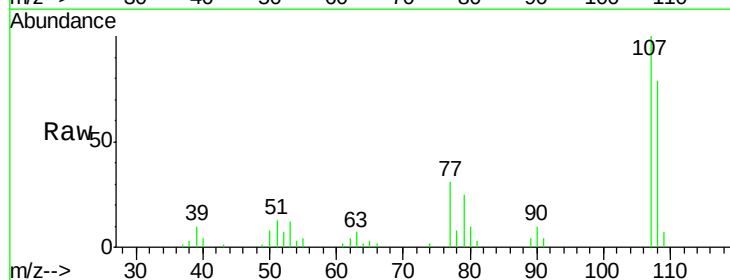
Delta R.T. -0.00 min

Lab File: BF077028.D

Acq: 23 Jan 2015 2:52

Tgt Ion:107 Resp: 74693

Ion	Ratio	Lower	Upper
107	100		
108	79.4	63.5	103.5
77	31.1	14.0	54.0
79	25.2	9.9	49.9



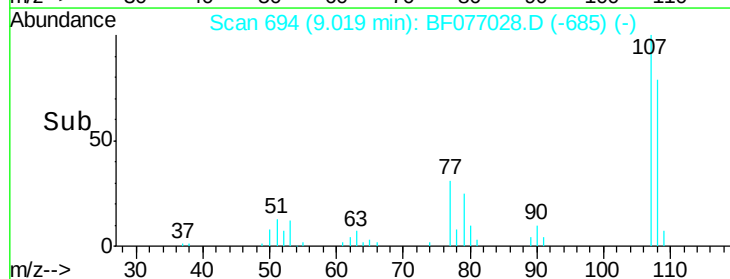
Abundance

Ion 107.00 (106.70 to 107.70): E

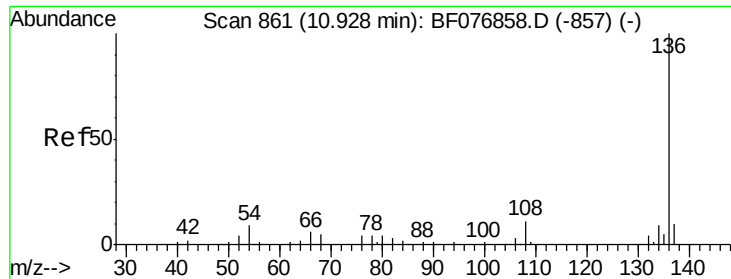
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



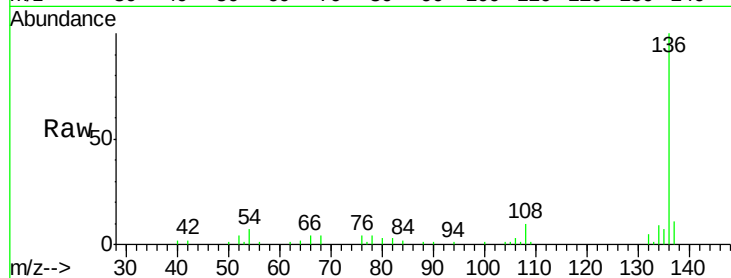
Time-->



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.77 min Scan# 847
Delta R.T. -0.00 min
Lab File: BF077028.D
Acq: 23 Jan 2015 2:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	98443
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.1 12.1
54	7.4	7.0 10.4
68	4.2	3.7 5.5

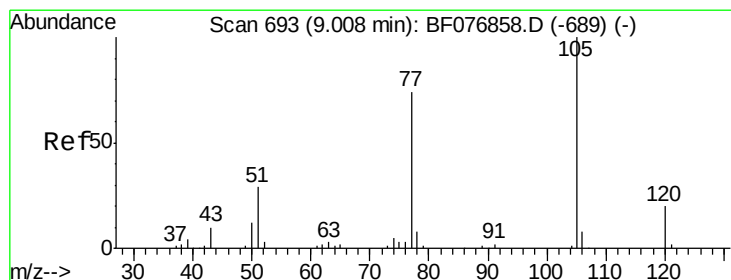
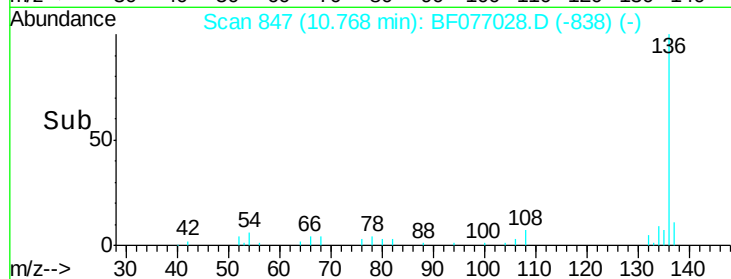
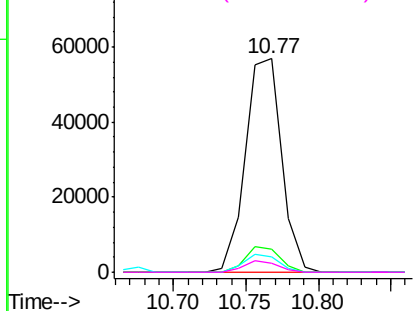


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

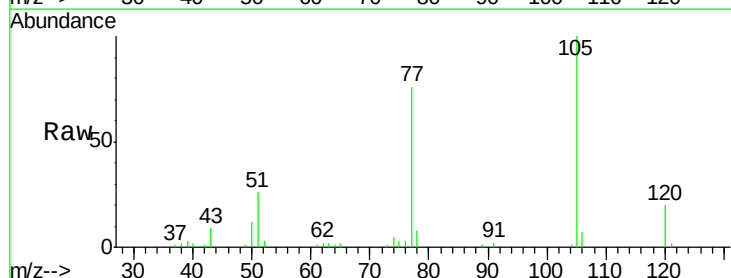
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 45.08 ng
RT: 8.85 min Scan# 679
Delta R.T. -0.00 min
Lab File: BF077028.D
Acq: 23 Jan 2015 2:52

Tgt Ion:105	Resp:	108693
Ion Ratio	Lower	Upper
105	100	
71	0.0	0.0 0.0
51	26.0	23.3 34.9
120	19.9	16.1 24.1

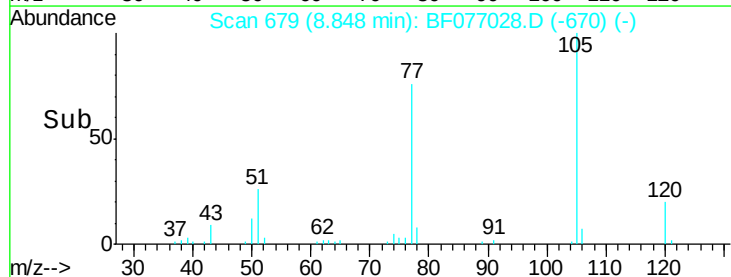
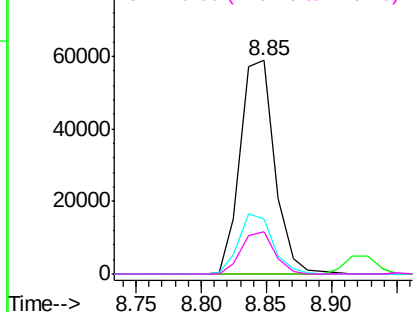


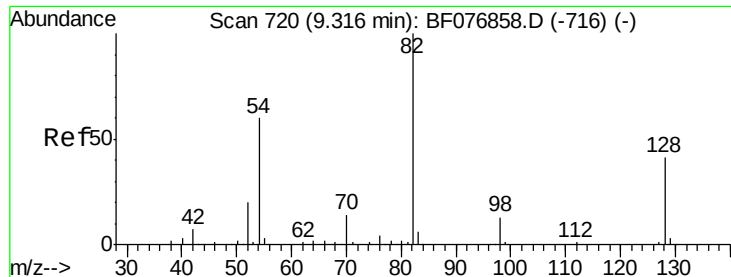
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

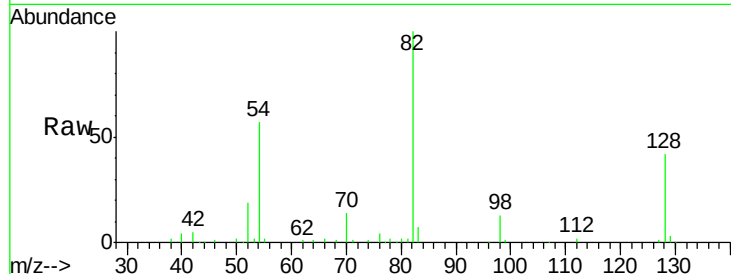




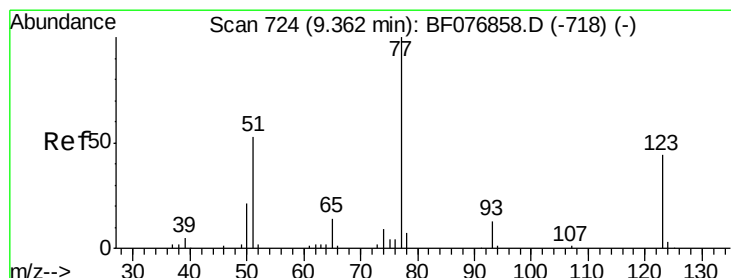
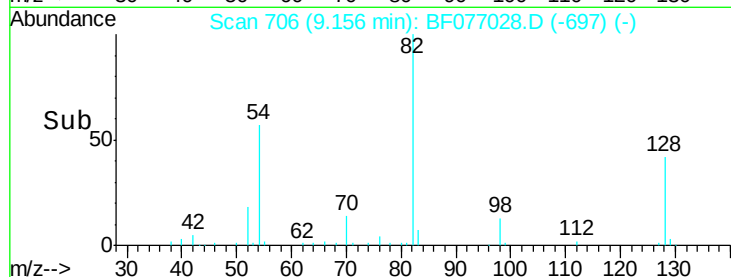
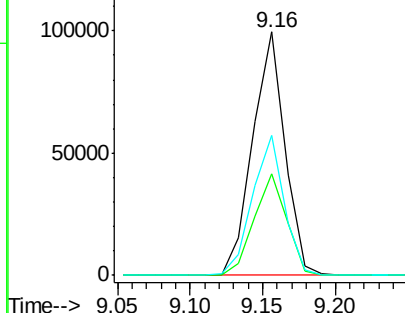
#23
Nitrobenzene-d5
Concen: 86.09 ng
RT: 9.16 min Scan# 706
Delta R.T. -0.00 min
Lab File: BF077028.D
Acq: 23 Jan 2015 2:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 152968
Ion Ratio Lower Upper
82 100
128 41.8 33.1 49.7
54 57.5 48.3 72.5

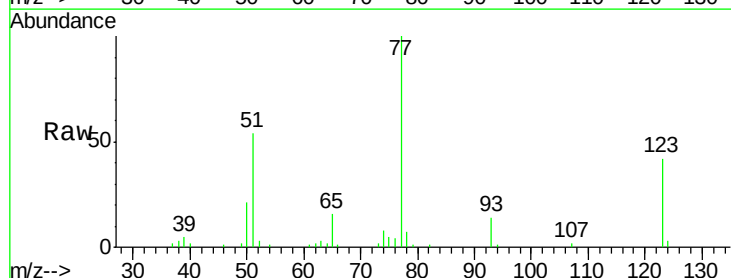


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

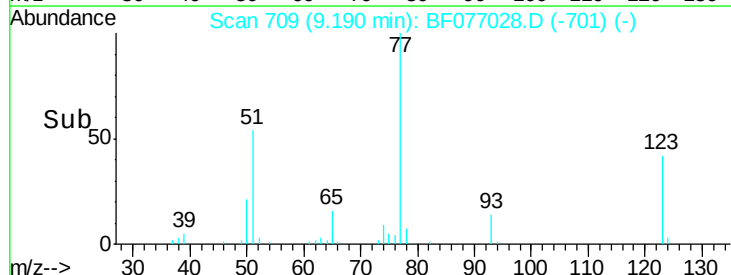
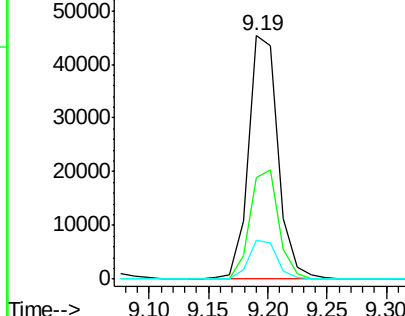


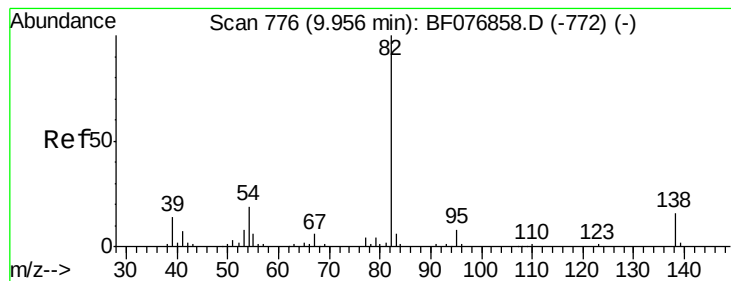
#24
Nitrobenzene
Concen: 43.81 ng
RT: 9.19 min Scan# 709
Delta R.T. -0.01 min
Lab File: BF077028.D
Acq: 23 Jan 2015 2:52

Tgt Ion: 77 Resp: 79305
Ion Ratio Lower Upper
77 100
123 41.5 35.2 52.8
65 15.9 11.4 17.2



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





#25

Isophorone

Concen: 43.49 ng

RT: 9.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: BF077028.D

Acq: 23 Jan 2015 2:52

Instrument :

BNA_F

ClientSampleId :

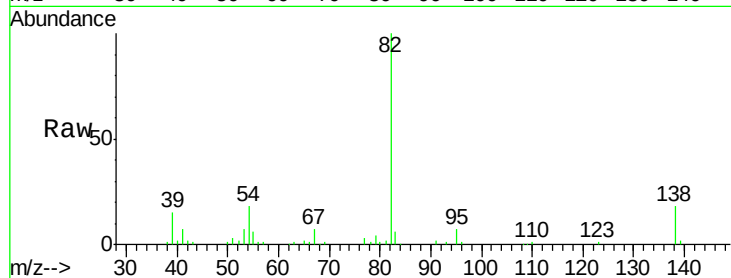
Tot Ion: 82 Resp: 140752

Ion Ratio Lower Upper

82 100

95 7.5 6.6 10.0

138 18.1 12.6 18.8

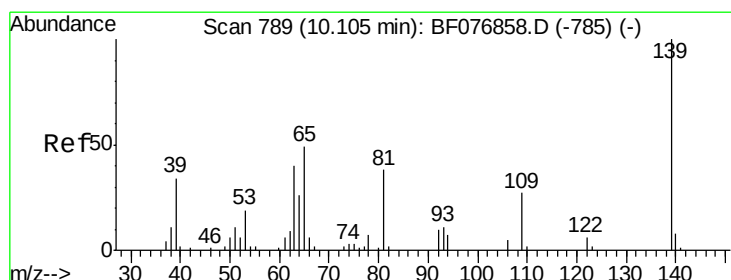
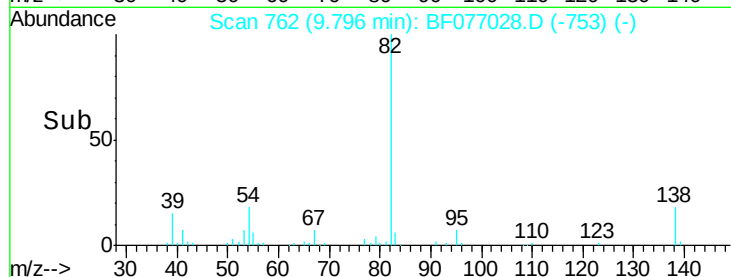


Abundance Ion 82.00 (81.70 to 82.70): BF076858.D (-772) (-)

Ion 95.00 (94.70 to 95.70): BF076858.D (-772) (-)

Ion 138.00 (137.70 to 138.70): BF076858.D (-772) (-)

Time-->



#26

2-Nitrophenol

Concen: 41.25 ng

RT: 9.93 min Scan# 774

Delta R.T. -0.00 min

Lab File: BF077028.D

Acq: 23 Jan 2015 2:52

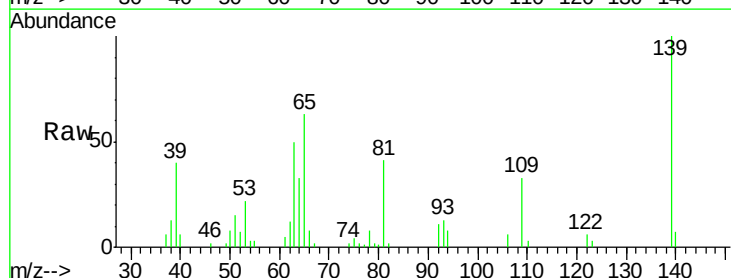
Tgt Ion: 139 Resp: 37996

Ion Ratio Lower Upper

139 100

109 32.7 21.3 31.9#

65 62.7 39.4 59.0#

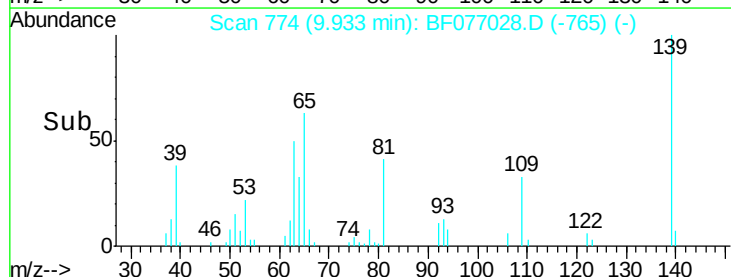


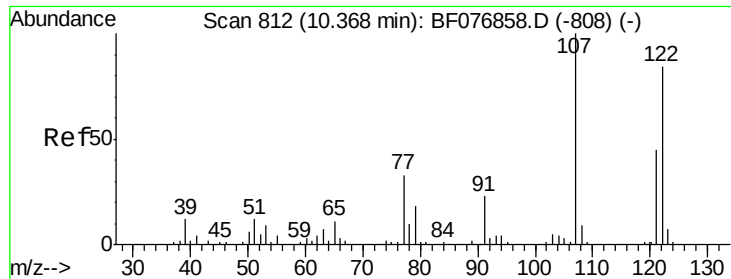
Abundance Ion 139.00 (138.70 to 139.70): BF076858.D (-785) (-)

Ion 109.00 (108.70 to 109.70): BF076858.D (-785) (-)

Ion 65.00 (64.70 to 65.70): BF076858.D (-785) (-)

Time-->

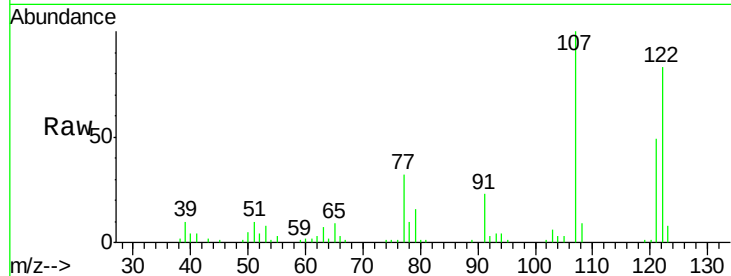




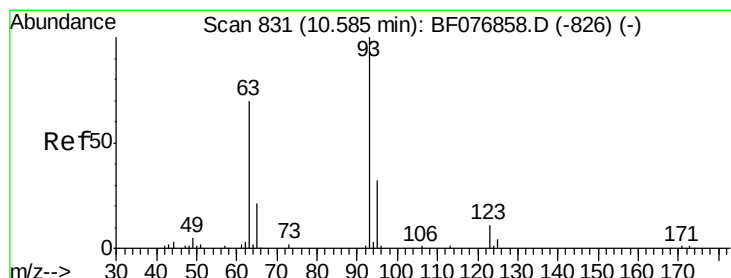
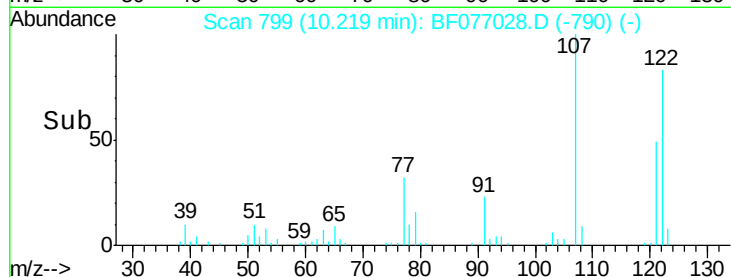
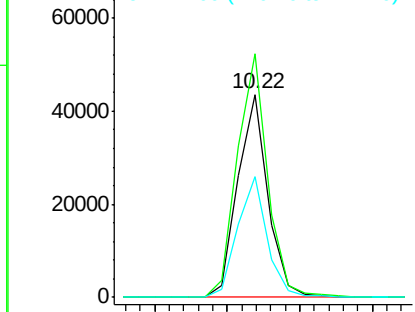
#27
 2,4-Dimethylphenol
 Concen: 44.78 ng
 RT: 10.22 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF077028.D
 Acq: 23 Jan 2015 2:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 62675
 Ion Ratio Lower Upper
 122 100
 107 120.0 95.2 142.8
 121 59.3 42.9 64.3

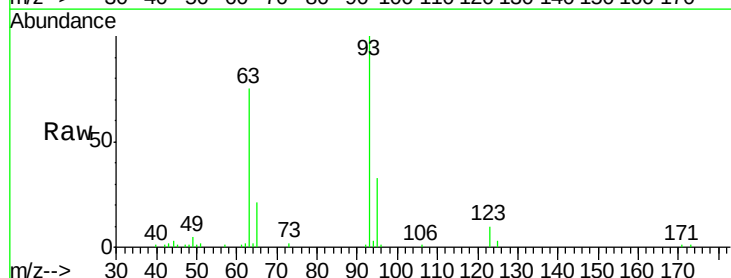


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

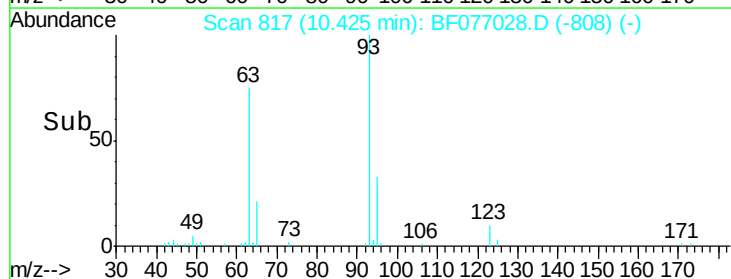
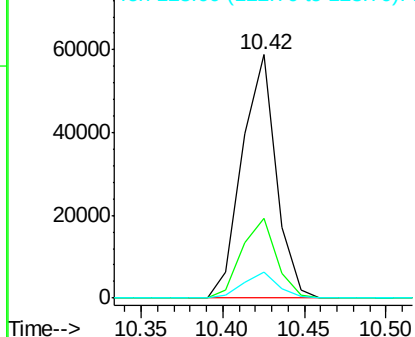


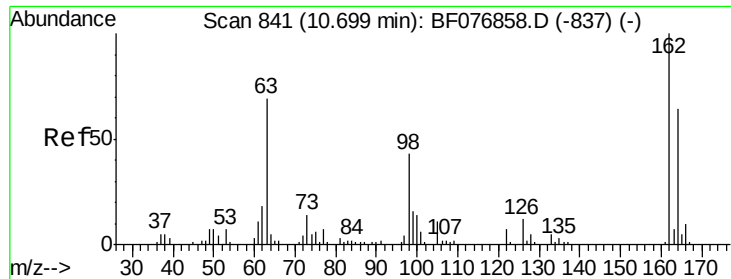
#28
 bis(2-Chloroethoxy)methane
 Concen: 46.18 ng
 RT: 10.42 min Scan# 817
 Delta R.T. -0.00 min
 Lab File: BF077028.D
 Acq: 23 Jan 2015 2:52

Tgt Ion: 93 Resp: 84936
 Ion Ratio Lower Upper
 93 100
 95 32.6 25.6 38.4
 123 10.5 8.9 13.3



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E

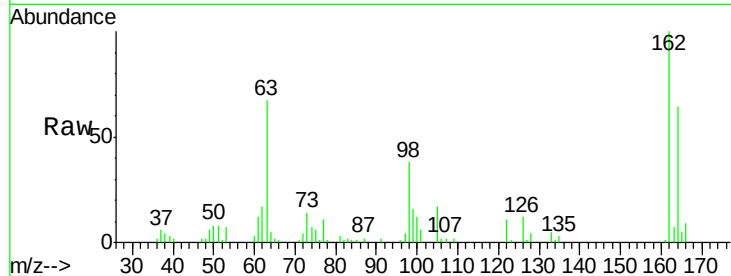




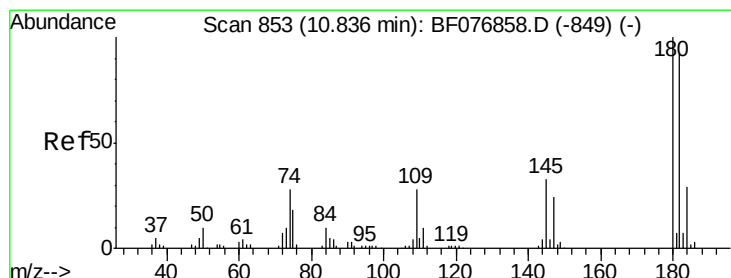
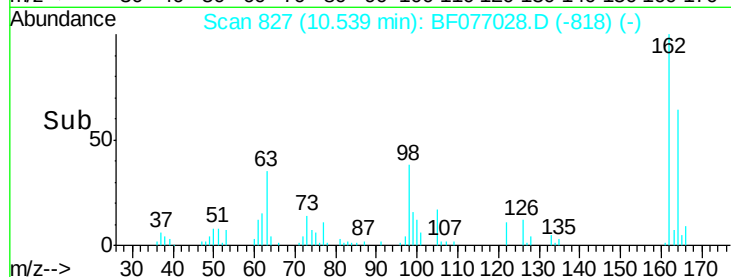
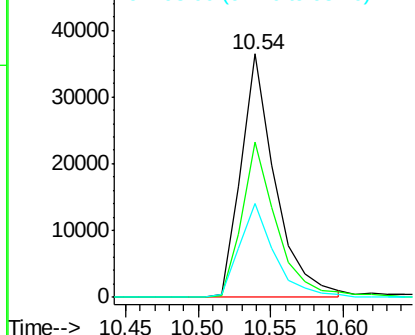
#29
 2,4-Dichlorophenol
 Concen: 45.99 ng
 RT: 10.54 min Scan# 827
 Delta R.T. -0.00 min
 Lab File: BF077028.D
 Acq: 23 Jan 2015 2:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 59999
 Ion Ratio Lower Upper
 162 100
 164 63.9 43.8 83.8
 98 38.5 22.5 62.5

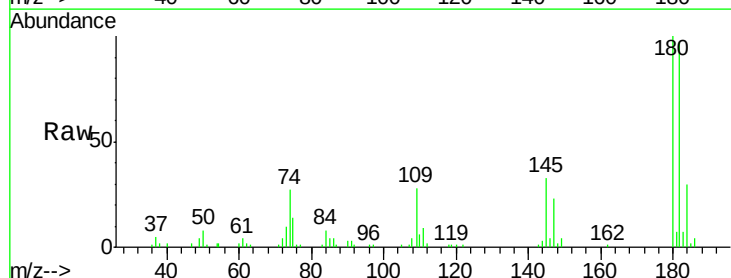


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

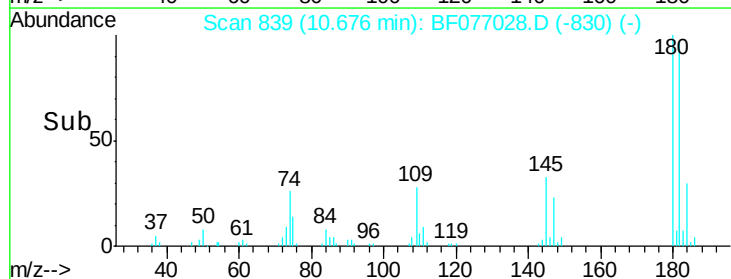
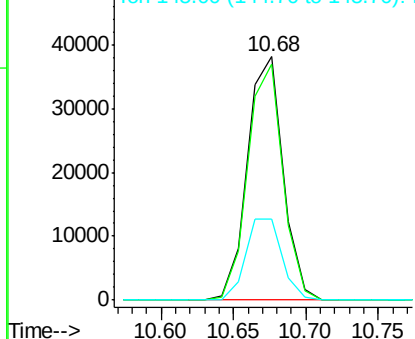


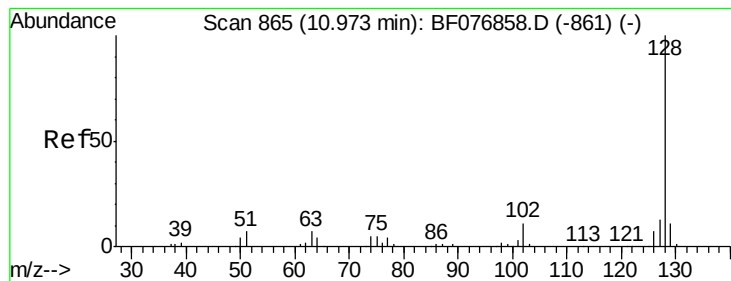
#30
 1,2,4-Trichlorobenzene
 Concen: 44.64 ng
 RT: 10.68 min Scan# 839
 Delta R.T. -0.00 min
 Lab File: BF077028.D
 Acq: 23 Jan 2015 2:52

Tgt Ion:180 Resp: 64689
 Ion Ratio Lower Upper
 180 100
 182 96.7 73.6 110.4
 145 33.4 26.6 39.8



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 42.65 ng

RT: 10.81 min Scan# 851

Delta R.T. -0.00 min

Lab File: BF077028.D

Acq: 23 Jan 2015 2:52

Instrument :

BNA_F

ClientSampleId :

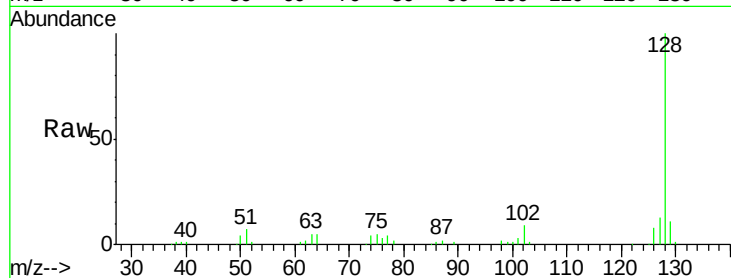
Tot Ion:128 Resp: 216148

Ion Ratio Lower Upper

128 100

129 10.6 9.0 13.6

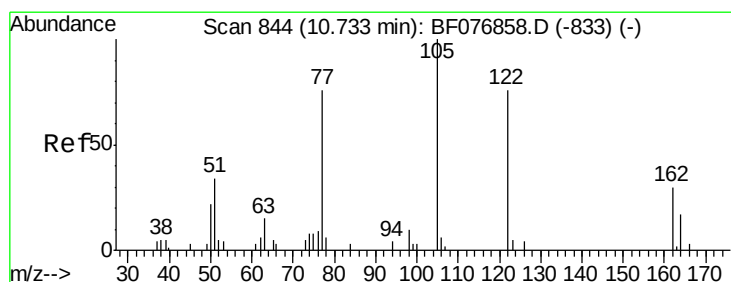
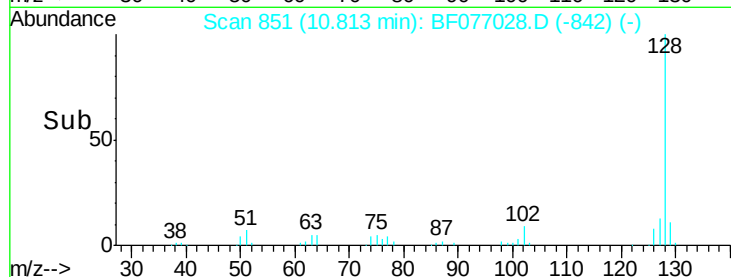
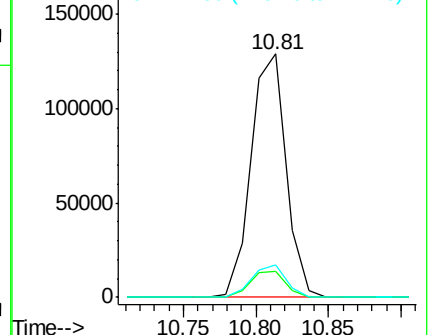
127 13.1 10.2 15.2



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: 11.69 ng

RT: 10.55 min Scan# 828

Delta R.T. -0.05 min

Lab File: BF077028.D

Acq: 23 Jan 2015 2:52

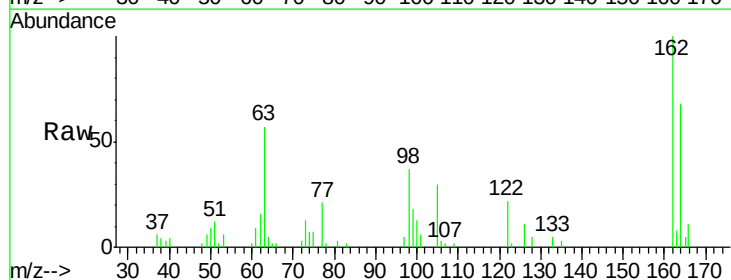
Tgt Ion:122 Resp: 9064

Ion Ratio Lower Upper

122 100

105 138.1 111.3 151.3

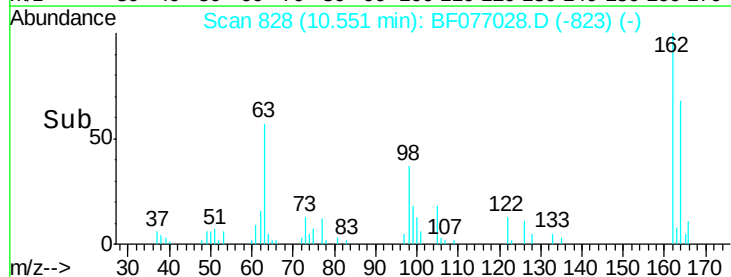
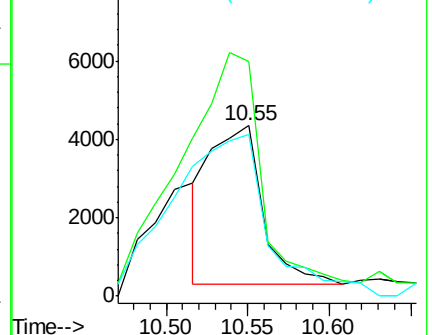
77 94.9 79.2 119.2

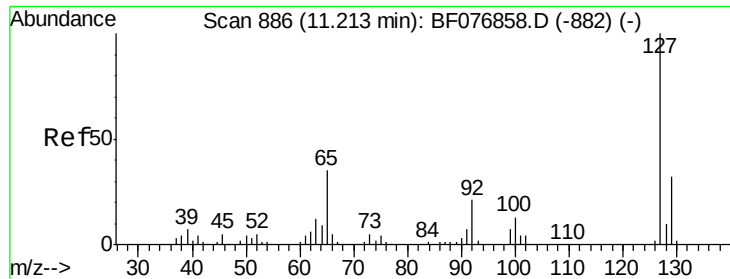


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

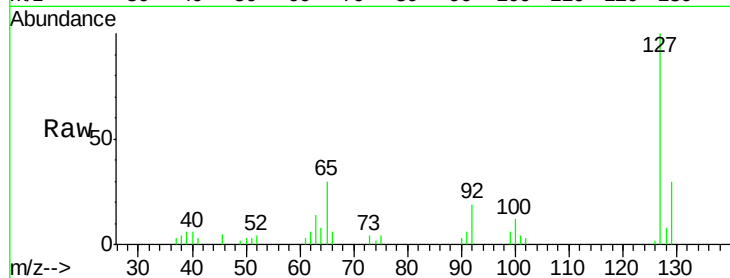




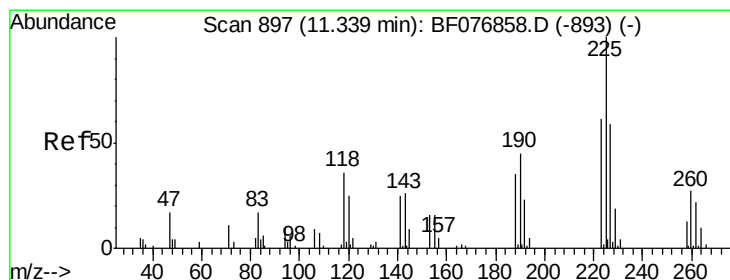
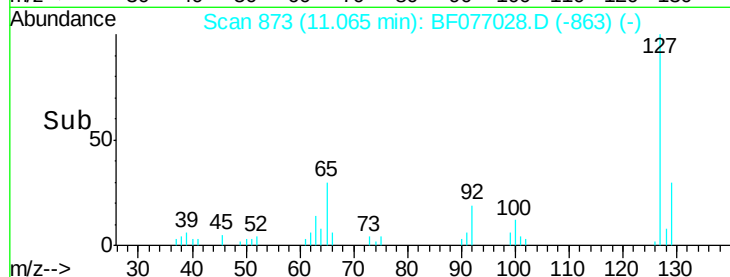
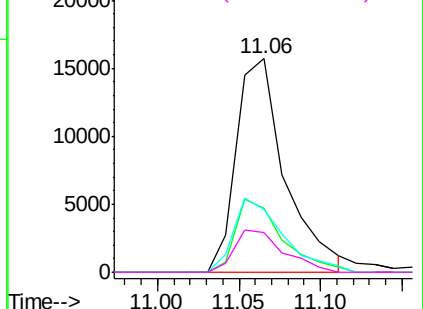
#33
4-Chloroaniline
Concen: 15.95 ng
RT: 11.06 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF077028.D
Acq: 23 Jan 2015 2:52

Instrument :
BNA_F
ClientSampled :

Tot Ion:127	Resp:	32657
Ion Ratio	Lower	Upper
127 100		
129 29.9	25.3	37.9
65 29.6	27.8	41.6
92 18.9	16.5	24.7

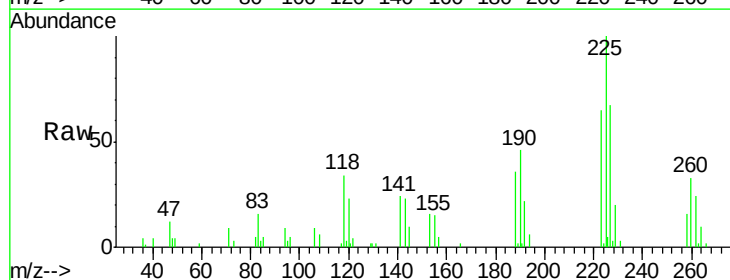


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

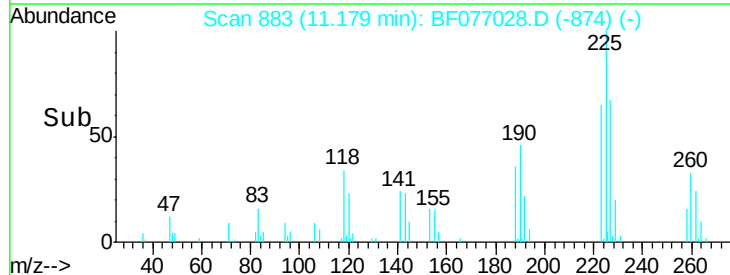
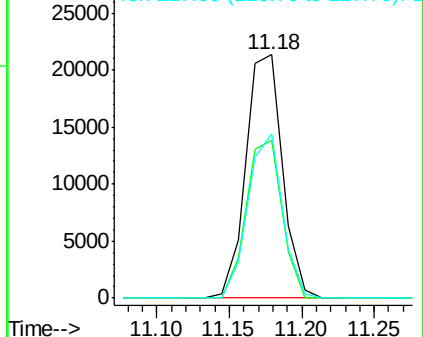


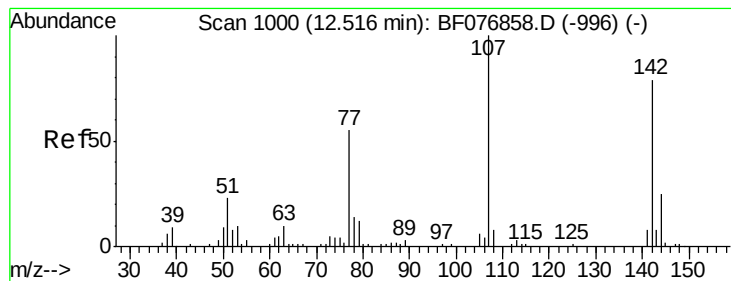
#34
Hexachlorobutadiene
Concen: 43.44 ng
RT: 11.18 min Scan# 883
Delta R.T. -0.00 min
Lab File: BF077028.D
Acq: 23 Jan 2015 2:52

Tgt Ion:225	Resp:	37346
Ion Ratio	Lower	Upper
225 100		
223 64.6	49.1	73.7
227 67.4	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





#36

4-Chloro-3-methylphenol

Concen: 44.53 ng

RT: 12.36 min Scan# 986

Delta R.T. -0.00 min

Lab File: BF077028.D

Acq: 23 Jan 2015 2:52

Instrument :
BNA_F
ClientSampleId :

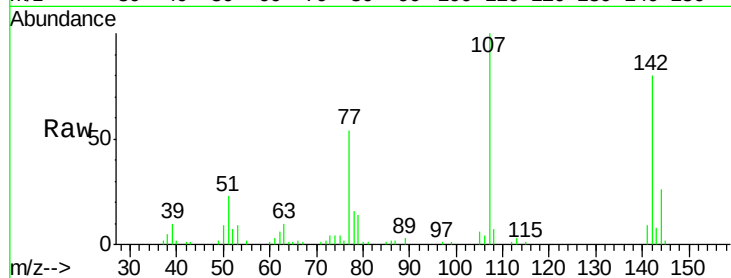
Tot Ion:107 Resp: 66517

Ion Ratio Lower Upper

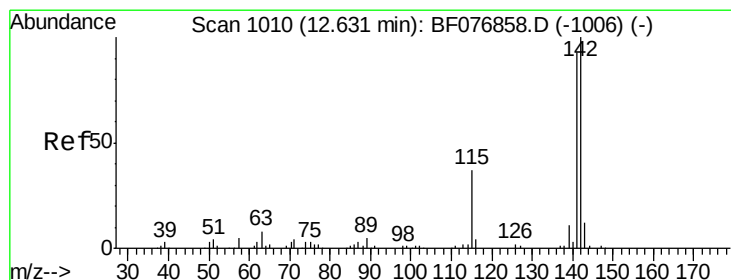
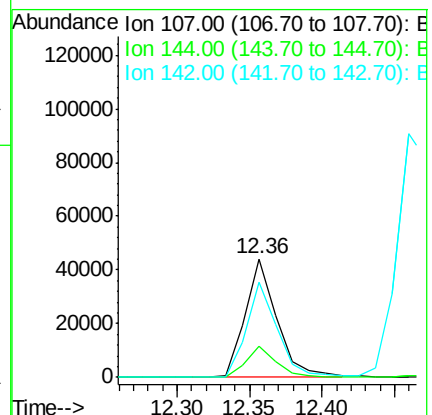
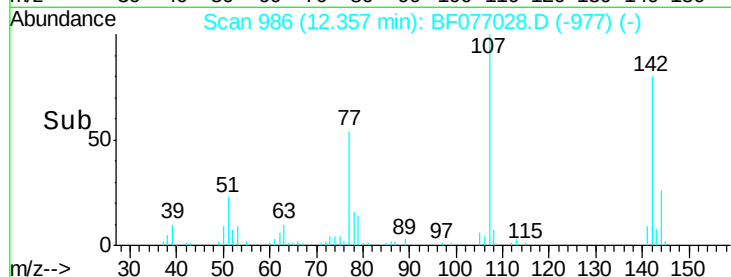
107 100

144 26.4 20.0 30.0

142 80.2 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: 45.01 ng

RT: 12.46 min Scan# 995

Delta R.T. -0.01 min

Lab File: BF077028.D

Acq: 23 Jan 2015 2:52

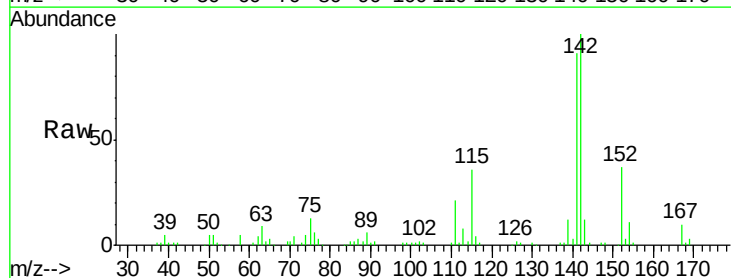
Tgt Ion:142 Resp: 155796

Ion Ratio Lower Upper

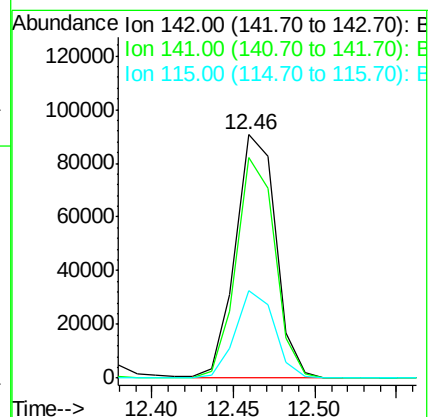
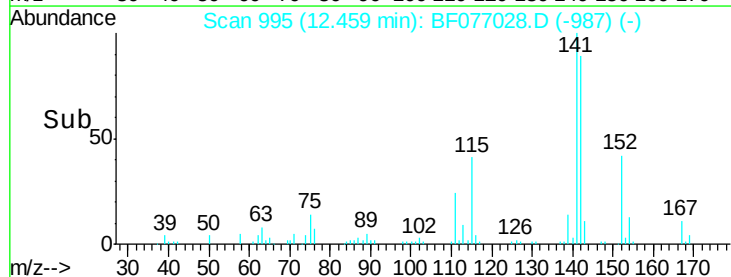
142 100

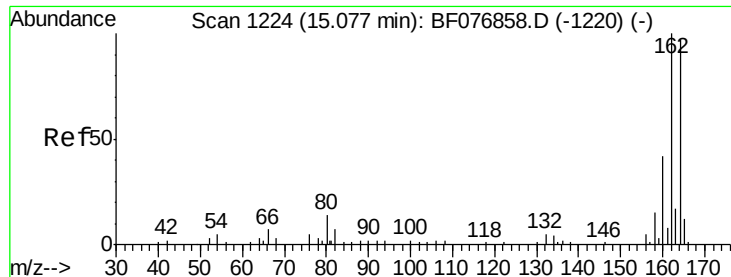
141 90.8 74.5 111.7

115 36.1 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: 14.89 min Scan# 1208

Delta R.T. -0.00 min

Lab File: BF077028.D

Acq: 23 Jan 2015 2:52

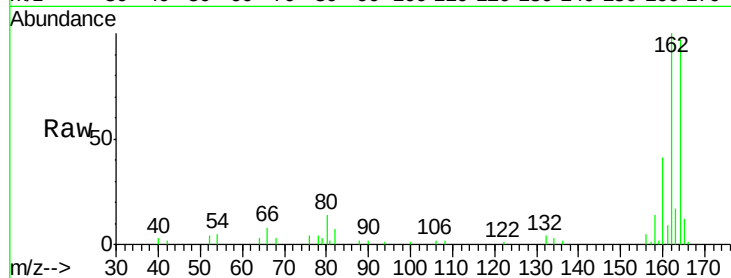
Instrument :

BNA_F

ClientSampleId :

Tot Ion:164 Resp: 54628

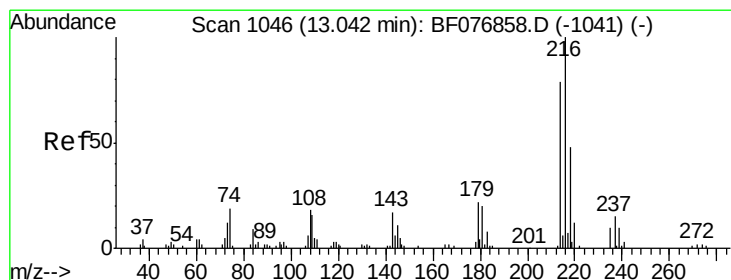
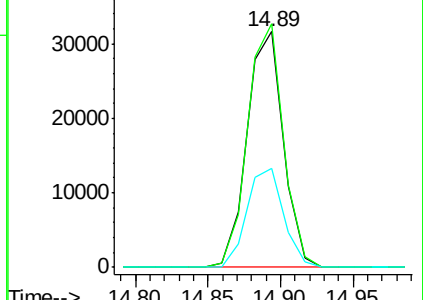
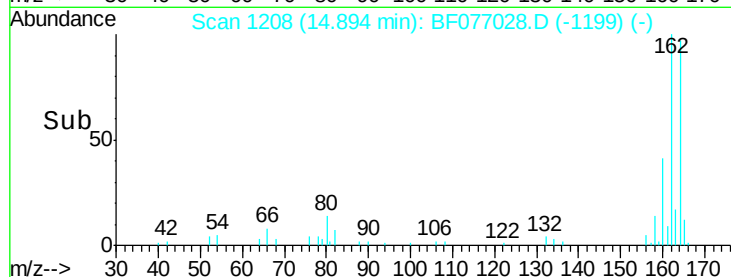
Ion	Ratio	Lower	Upper
164	100		
162	103.3	82.4	123.6
160	41.9	34.8	52.2



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: 43.95 ng

RT: 12.87 min Scan# 1031

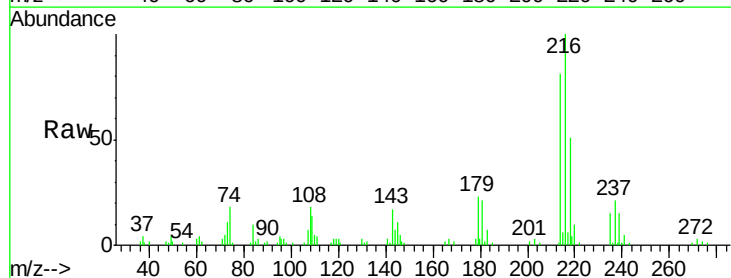
Delta R.T. -0.00 min

Lab File: BF077028.D

Acq: 23 Jan 2015 2:52

Tgt Ion:216 Resp: 59358

Ion	Ratio	Lower	Upper
216	100		
214	80.4	64.9	97.3
179	24.8	18.6	28.0
108	24.7	18.1	27.1

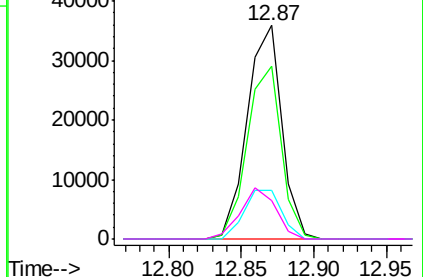
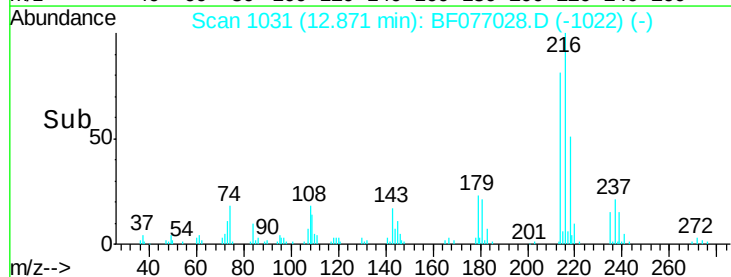


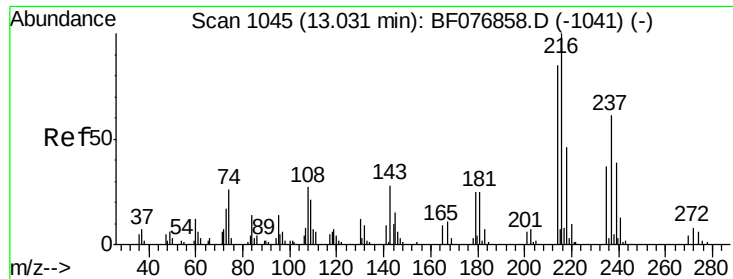
Abundance Ion 216.00 (215.70 to 216.70): E

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

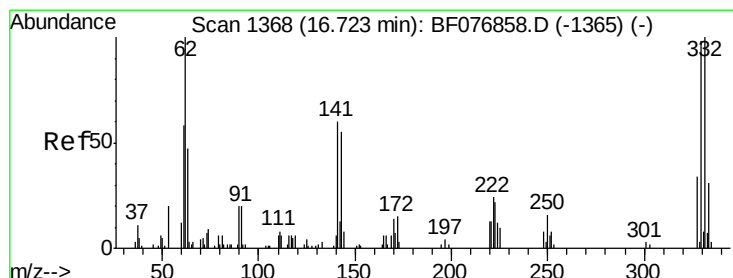
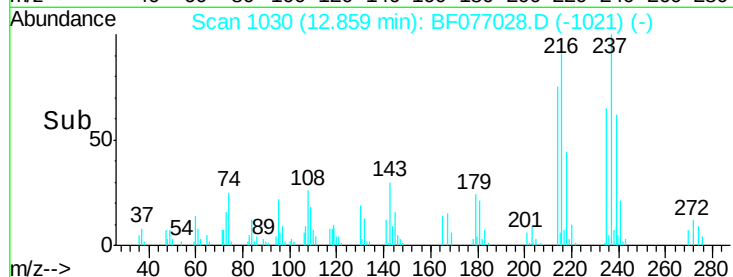
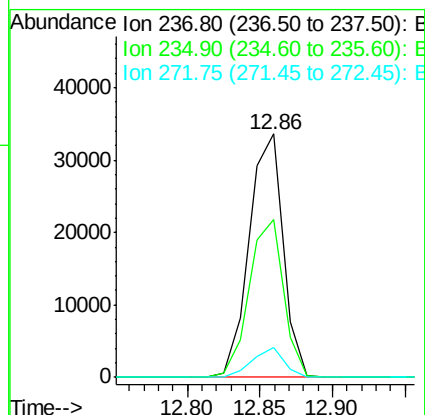
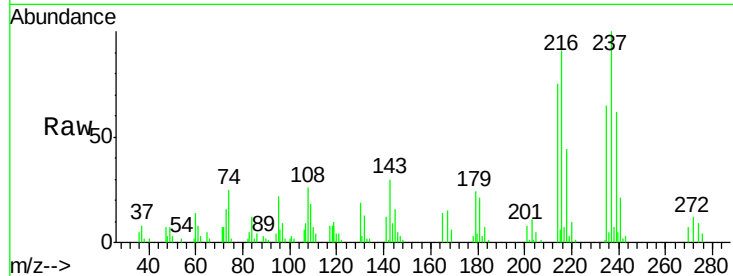




#40
Hexachlorocyclopentadiene
Concen: 75.31 ng
RT: 12.86 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF077028.D
Acq: 23 Jan 2015 2:52

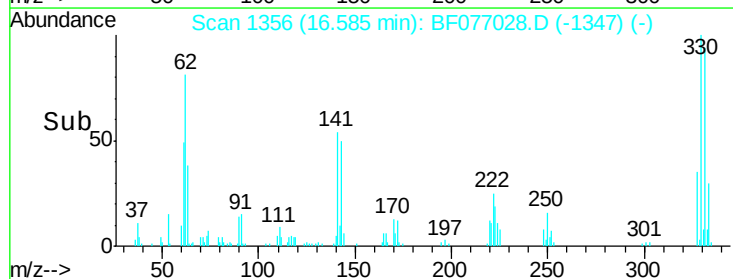
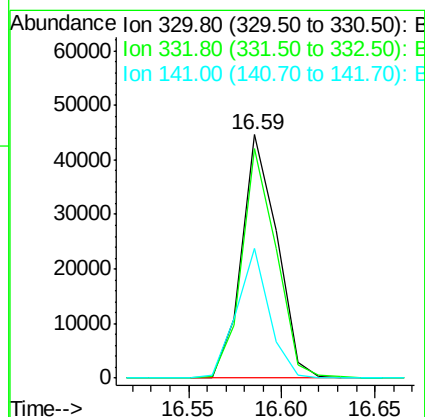
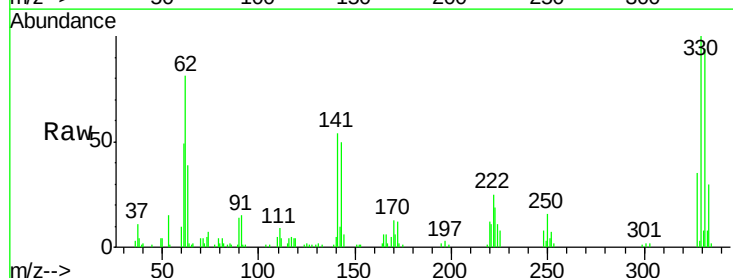
Instrument :
BNA_F
ClientSampleId :

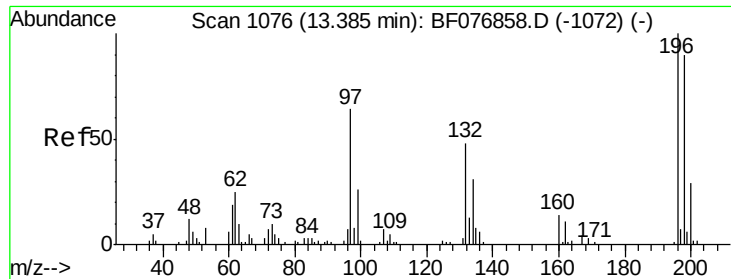
Tot Ion:237 Resp: 54551
Ion Ratio Lower Upper
237 100
235 64.6 40.4 80.4
272 12.3 0.0 33.2



#41
2,4,6-Tribromophenol
Concen: 132.97 ng
RT: 16.59 min Scan# 1356
Delta R.T. -0.00 min
Lab File: BF077028.D
Acq: 23 Jan 2015 2:52

Tgt Ion:330 Resp: 58964
Ion Ratio Lower Upper
330 100
332 91.9 77.8 116.6
141 49.4 38.5 57.7

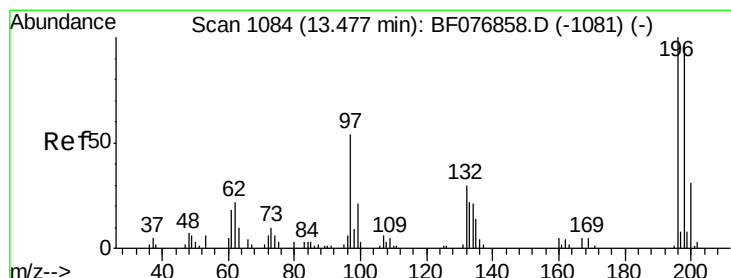
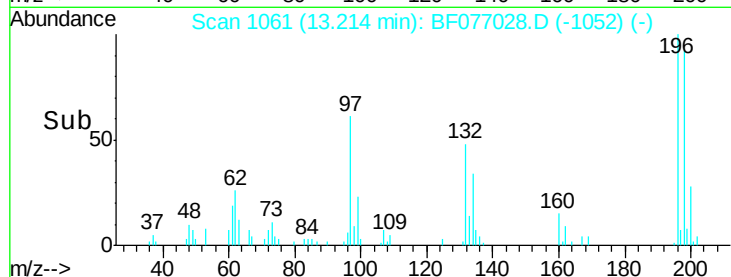
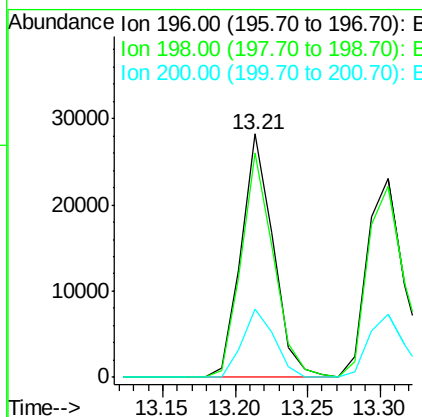
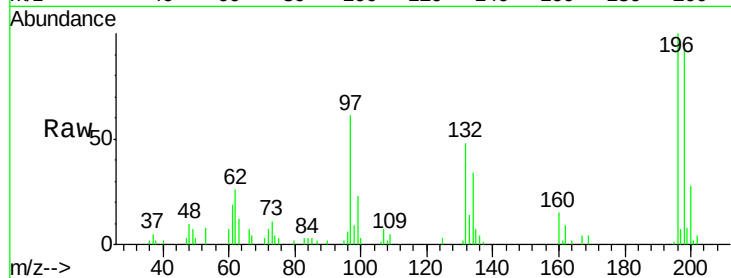




#42
 2,4,6-Trichlorophenol
 Concen: 44.03 ng
 RT: 13.21 min Scan# 1061
 Delta R.T. -0.00 min
 Lab File: BF077028.D
 Acq: 23 Jan 2015 2:52

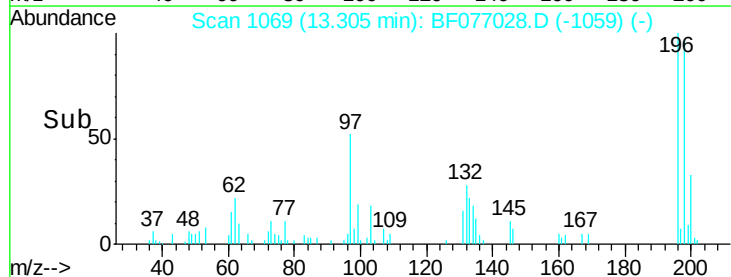
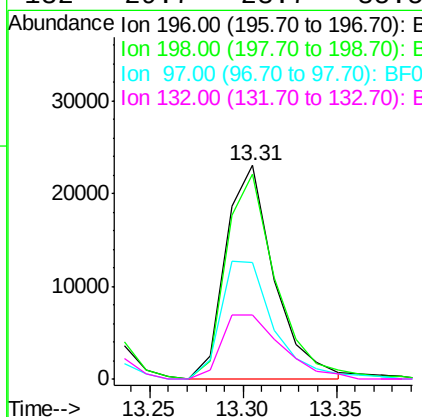
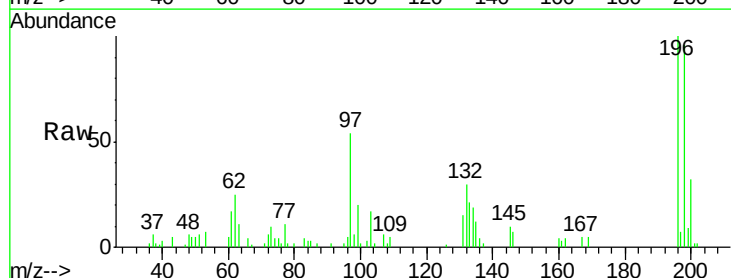
Instrument :
 BNA_F
 ClientSampleId :

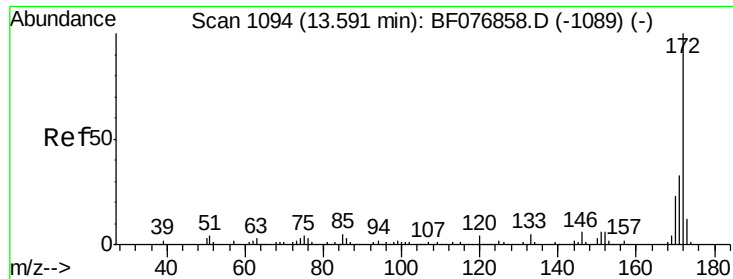
Tot Ion:196 Resp: 43326
 Ion Ratio Lower Upper
 196 100
 198 92.0 72.0 108.0
 200 28.1 23.4 35.2



#43
 2,4,5-Trichlorophenol
 Concen: 41.69 ng
 RT: 13.31 min Scan# 1069
 Delta R.T. 0.01 min
 Lab File: BF077028.D
 Acq: 23 Jan 2015 2:52

Tgt Ion:196 Resp: 41846
 Ion Ratio Lower Upper
 196 100
 198 96.1 76.6 115.0
 97 54.5 43.4 65.0
 132 29.7 23.7 35.5

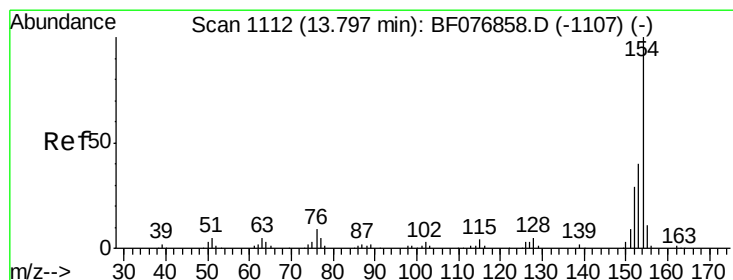
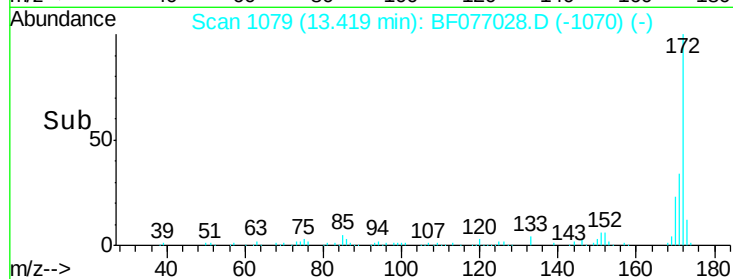
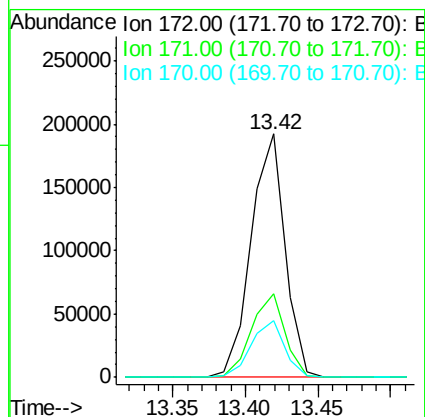
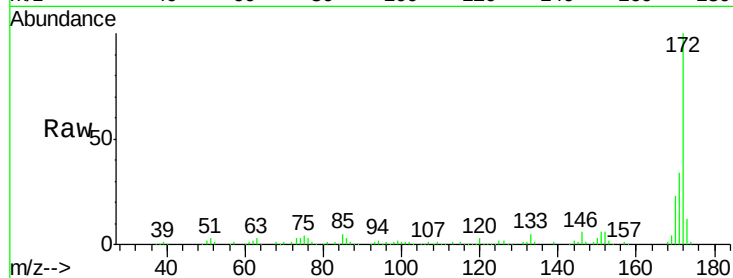




#44
 2-Fluorobiphenyl
 Concen: 86.76 ng
 RT: 13.42 min Scan# 1079
 Delta R.T. -0.00 min
 Lab File: BF077028.D
 Acq: 23 Jan 2015 2:52

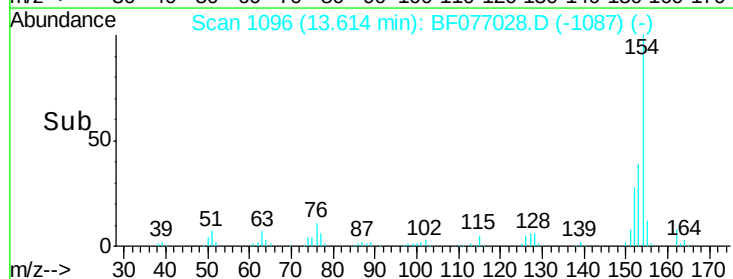
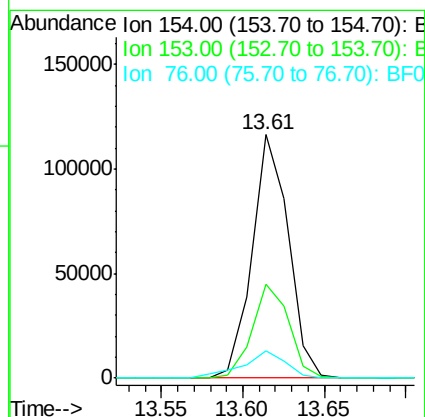
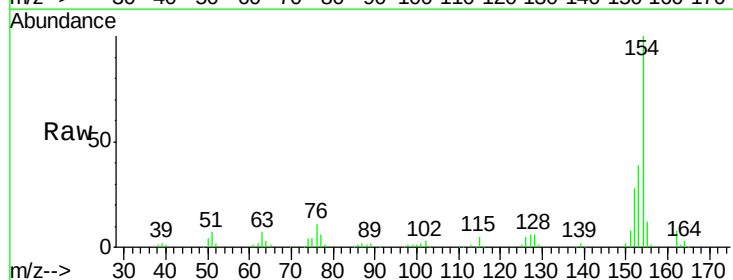
Instrument :
 BNA_F
 ClientSampleId :

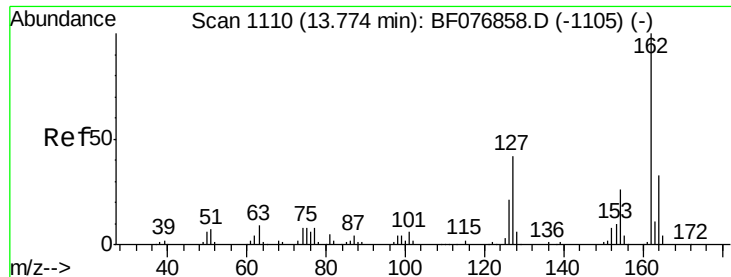
Tot Ion:172 Resp: 311448
 Ion Ratio Lower Upper
 172 100
 171 34.3 26.6 40.0
 170 23.4 18.0 27.0



#45
 1,1'-Biphenyl
 Concen: 44.35 ng
 RT: 13.61 min Scan# 1096
 Delta R.T. -0.00 min
 Lab File: BF077028.D
 Acq: 23 Jan 2015 2:52

Tgt Ion:154 Resp: 179605
 Ion Ratio Lower Upper
 154 100
 153 38.6 20.2 60.2
 76 11.0 0.0 29.0

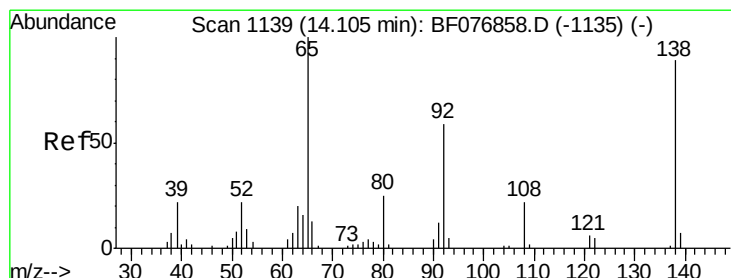
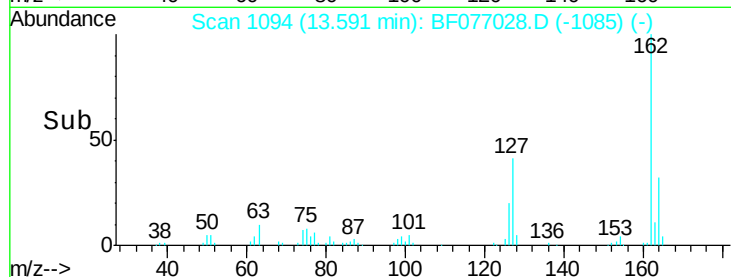
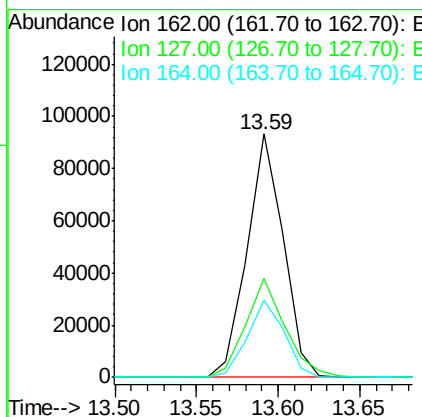
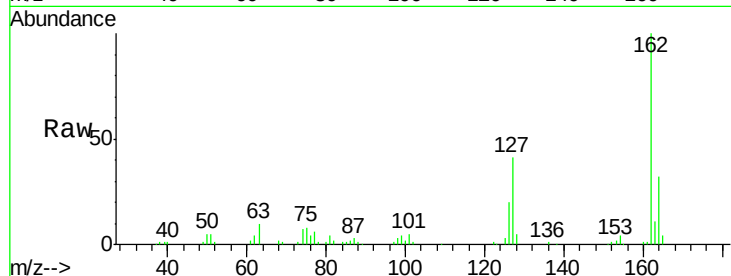




#46
 2-Chloronaphthalene
 Concen: 43.08 ng
 RT: 13.59 min Scan# 1094
 Delta R.T. -0.00 min
 Lab File: BF077028.D
 Acq: 23 Jan 2015 2:52

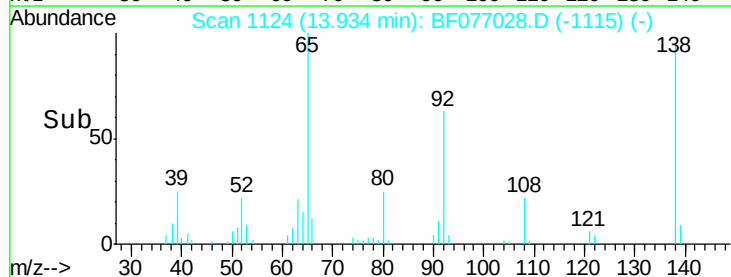
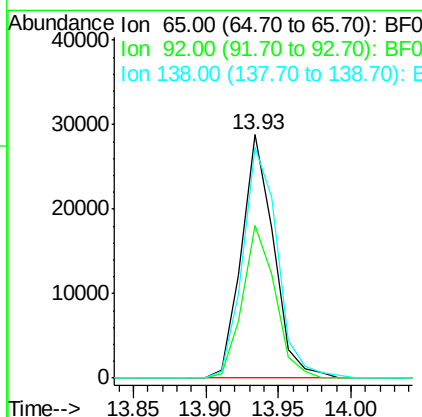
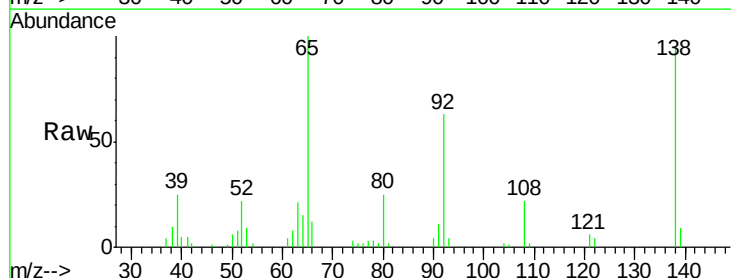
Instrument :
 BNA_F
 ClientSampleId :

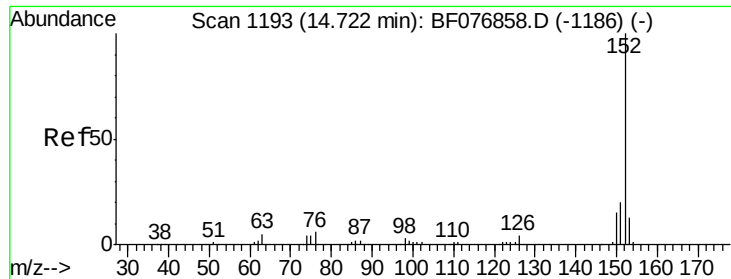
Tot Ion: 162 Resp: 143580
 Ion Ratio Lower Upper
 162 100
 127 40.6 33.8 50.6
 164 31.5 26.8 40.2



#47
 2-Nitroaniline
 Concen: 43.97 ng
 RT: 13.93 min Scan# 1124
 Delta R.T. -0.00 min
 Lab File: BF077028.D
 Acq: 23 Jan 2015 2:52

Tgt Ion: 65 Resp: 44456
 Ion Ratio Lower Upper
 65 100
 92 62.9 47.3 70.9
 138 95.1 71.4 107.2





#48

Acenaphthylene

Concen: 41.28 ng

RT: 14.54 min Scan# 1177

Delta R.T. -0.00 min

Lab File: BF077028.D

Acq: 23 Jan 2015 2:52

Instrument :

BNA_F

ClientSampleId :

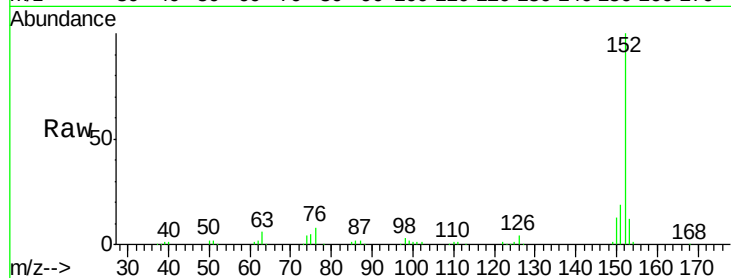
Tot Ion:152 Resp: 232049

Ion Ratio Lower Upper

152 100

151 19.5 15.9 23.9

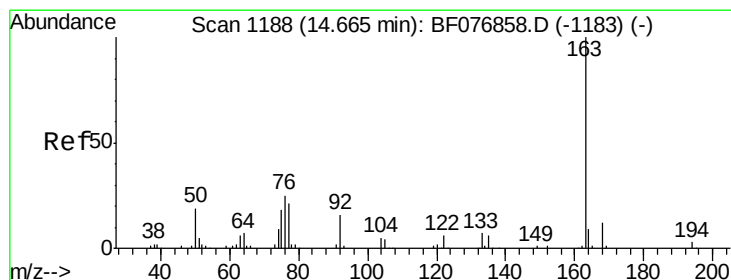
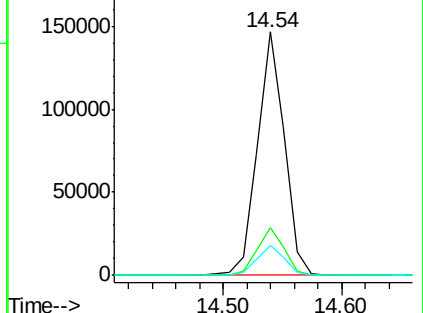
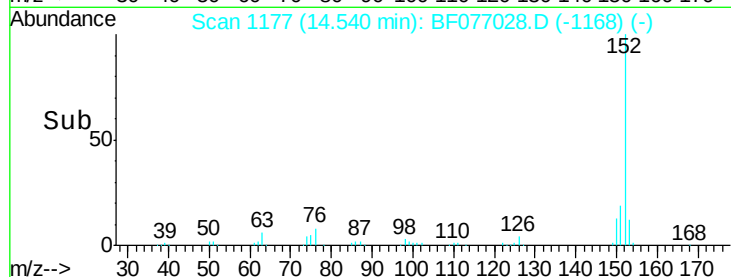
153 12.4 10.2 15.4



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: 46.20 ng

RT: 14.49 min Scan# 1173

Delta R.T. -0.00 min

Lab File: BF077028.D

Acq: 23 Jan 2015 2:52

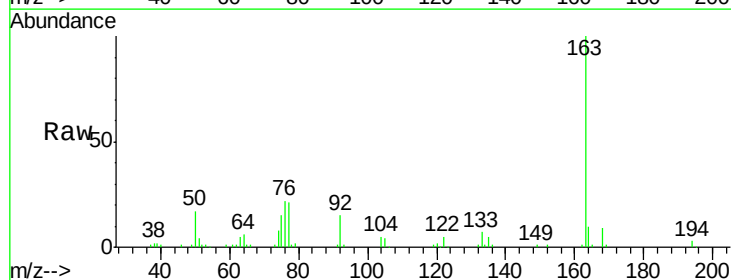
Tgt Ion:163 Resp: 178965

Ion Ratio Lower Upper

163 100

194 2.9 2.6 4.0

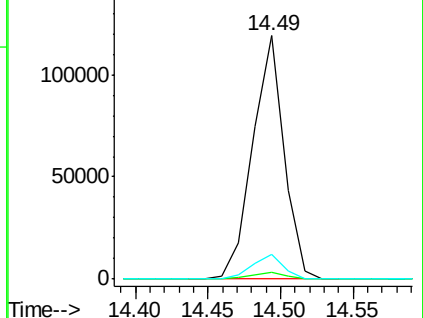
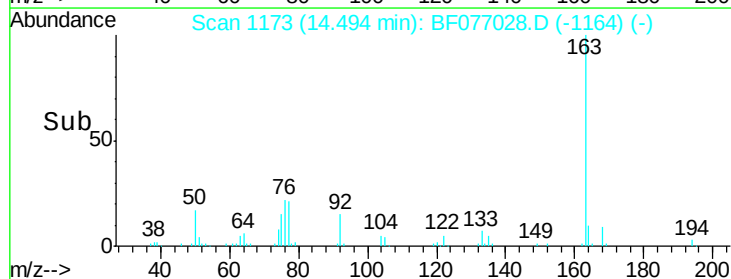
164 10.0 7.5 11.3

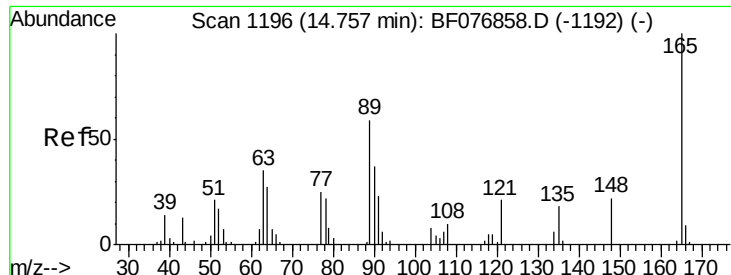


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

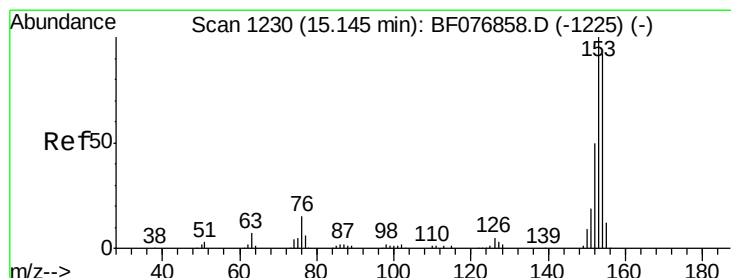
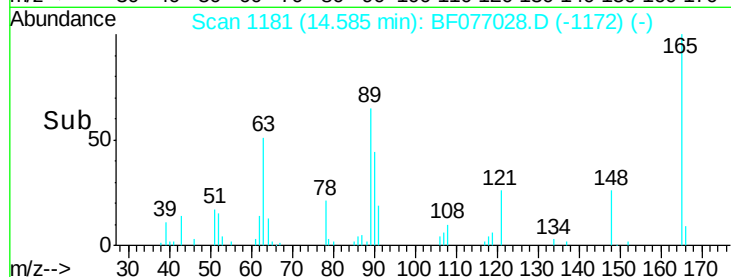
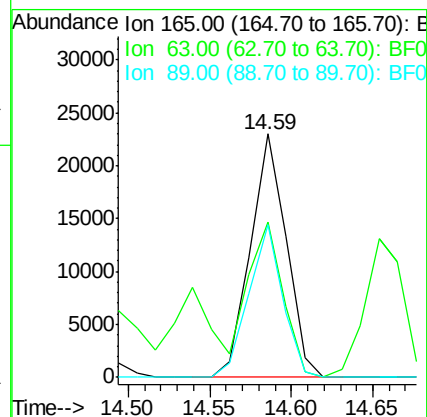
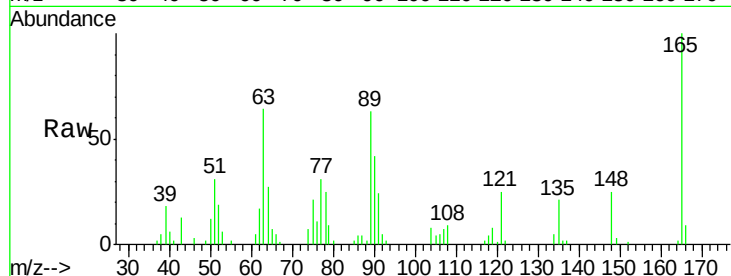




#50
 2,6-Dinitrotoluene
 Concen: 45.13 ng
 RT: 14.59 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: BF077028.D
 Acq: 23 Jan 2015 2:52

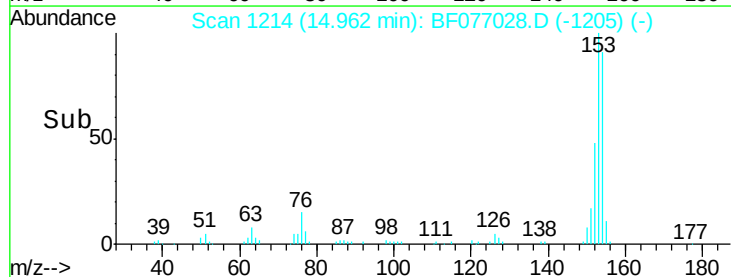
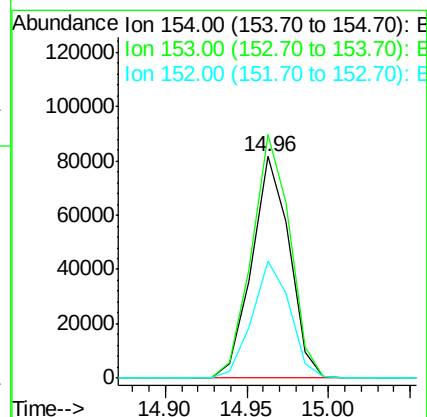
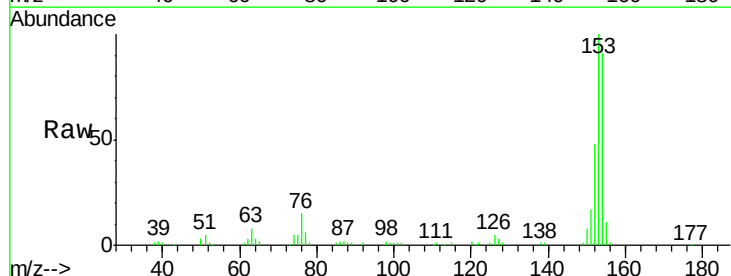
Instrument :
 BNA_F
 ClientSampleId :

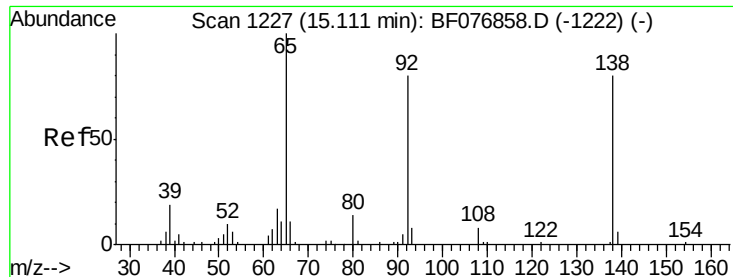
Tot Ion:165 Resp: 34935
 Ion Ratio Lower Upper
 165 100
 63 63.8 48.1 72.1
 89 62.8 47.2 70.8



#51
 Acenaphthene
 Concen: 40.84 ng
 RT: 14.96 min Scan# 1214
 Delta R.T. -0.00 min
 Lab File: BF077028.D
 Acq: 23 Jan 2015 2:52

Tgt Ion:154 Resp: 130257
 Ion Ratio Lower Upper
 154 100
 153 109.8 87.0 130.6
 152 53.0 43.5 65.3

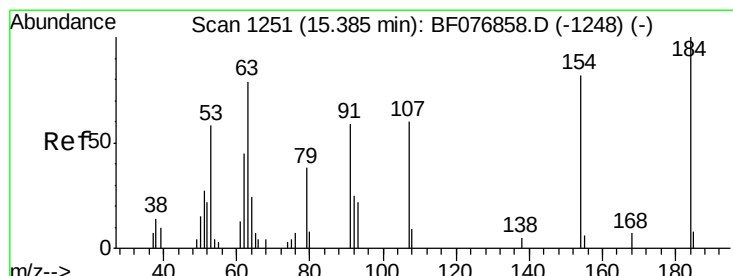
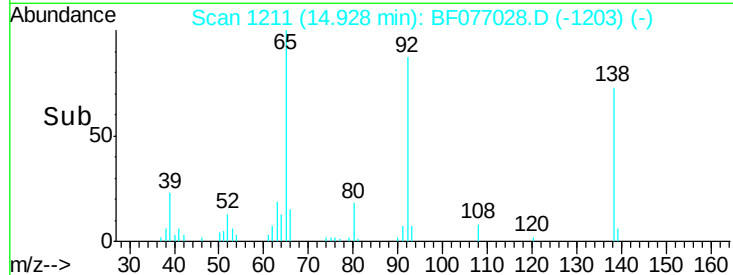
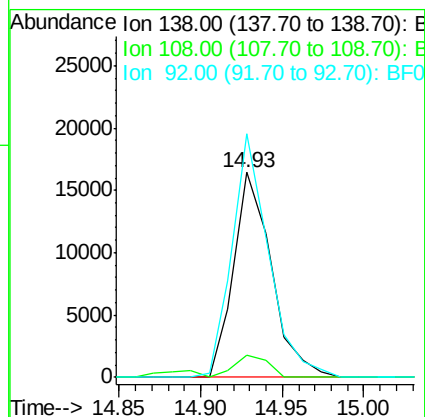
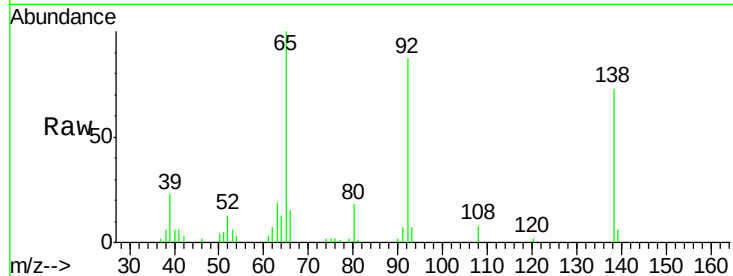




#52
3-Nitroaniline
Concen: 26.94 ng
RT: 14.93 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF077028.D
Acq: 23 Jan 2015 2:52

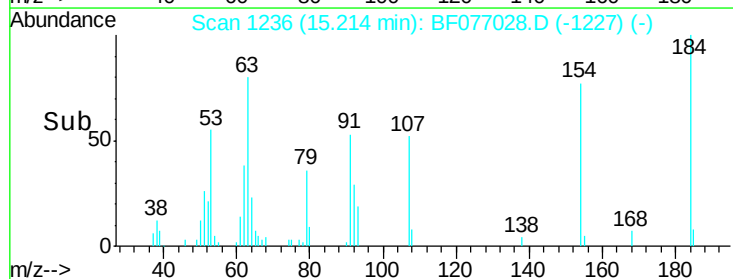
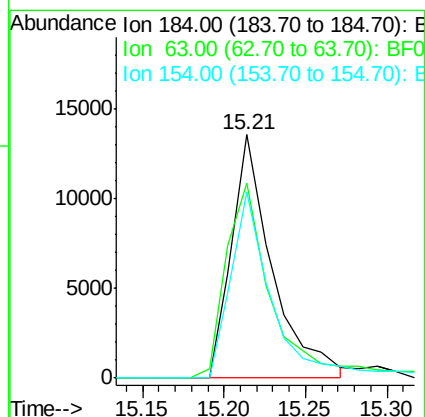
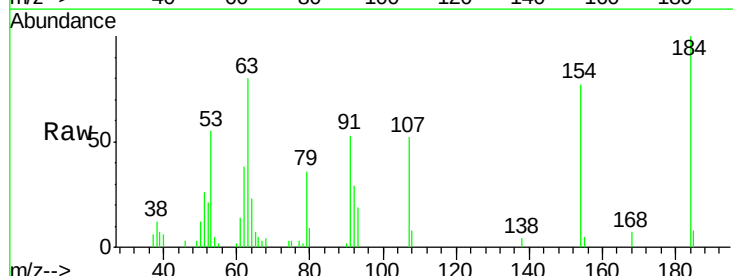
Instrument :
BNA_F
ClientSampled :

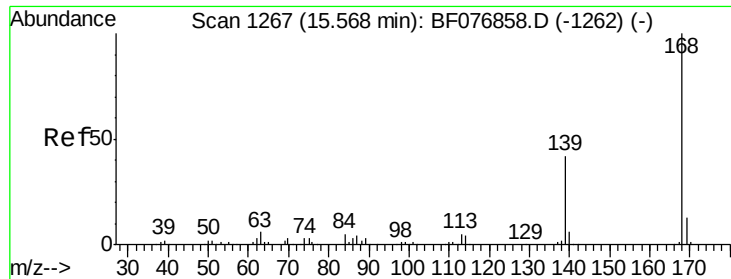
Tot Ion:138 Resp: 26394
Ion Ratio Lower Upper
138 100
108 10.9 8.3 12.5
92 118.8 80.9 121.3



#53
2,4-Dinitrophenol
Concen: 66.70 ng
RT: 15.21 min Scan# 1236
Delta R.T. -0.00 min
Lab File: BF077028.D
Acq: 23 Jan 2015 2:52

Tgt Ion:184 Resp: 23396
Ion Ratio Lower Upper
184 100
63 79.9 63.0 94.6
154 76.6 65.5 98.3

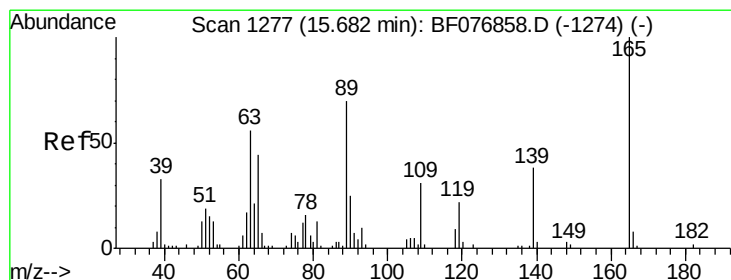
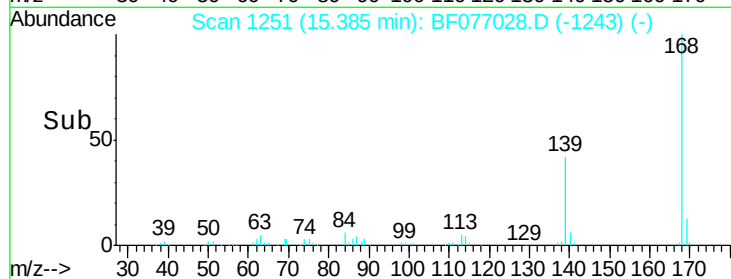
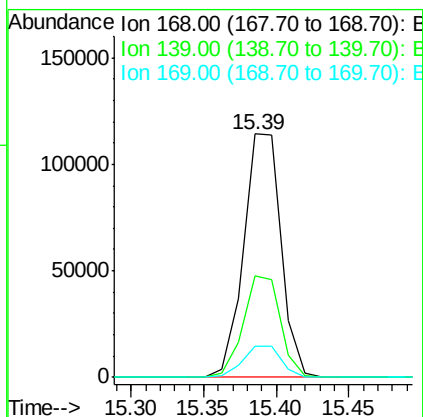
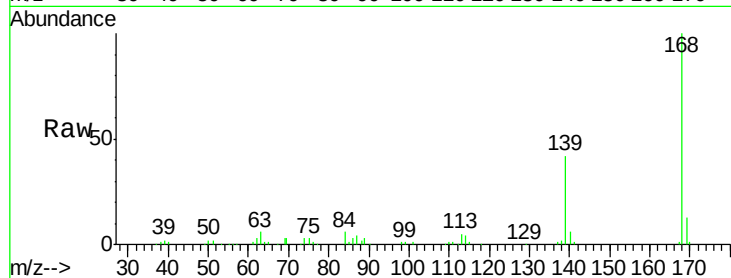




#54
Dibenzenofuran
Concen: 43.78 ng
RT: 15.39 min Scan# 1251
Delta R.T. -0.01 min
Lab File: BF077028.D
Acq: 23 Jan 2015 2:52

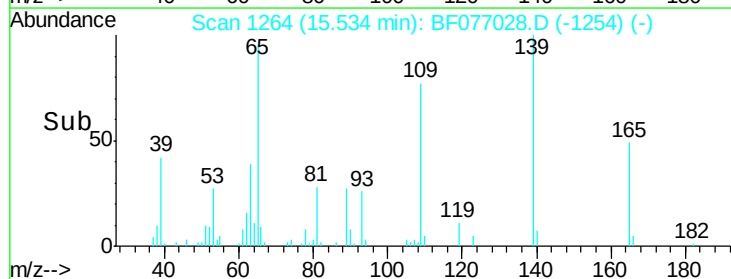
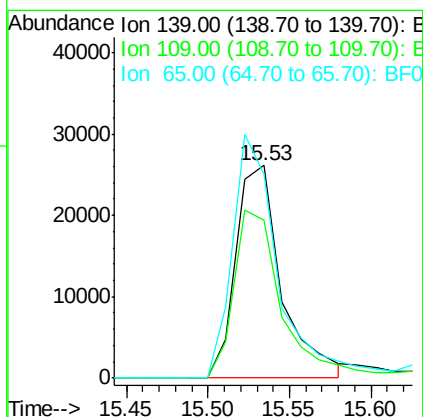
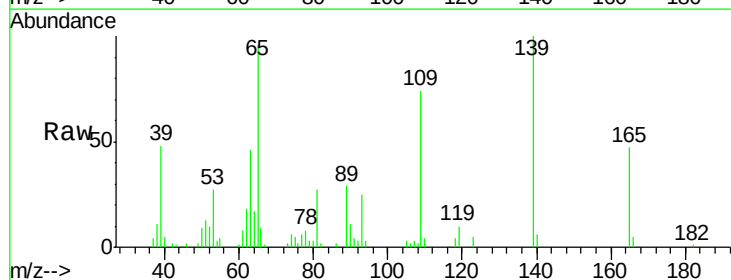
Instrument :
BNA_F
ClientSampleId :

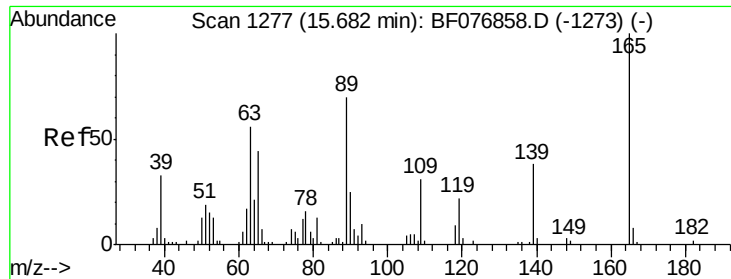
Tot Ion:168 Resp: 203398
Ion Ratio Lower Upper
168 100
139 41.6 33.4 50.2
169 12.9 10.6 15.8



#55
4-Nitrophenol
Concen: 84.06 ng
RT: 15.53 min Scan# 1264
Delta R.T. 0.01 min
Lab File: BF077028.D
Acq: 23 Jan 2015 2:52

Tgt Ion:139 Resp: 51048
Ion Ratio Lower Upper
139 100
109 74.3 61.0 101.0
65 95.8 96.6 136.6#

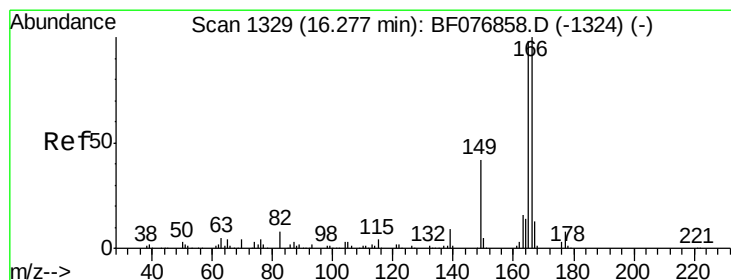
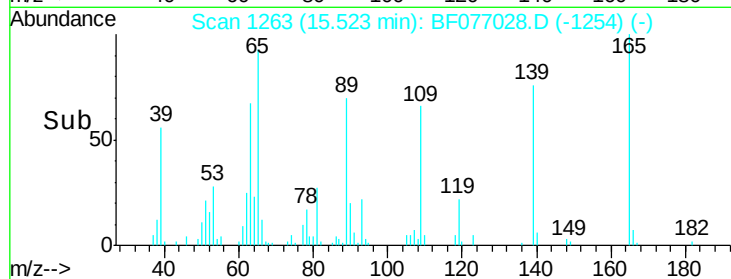
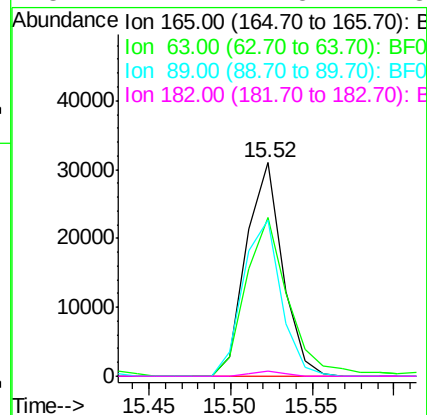
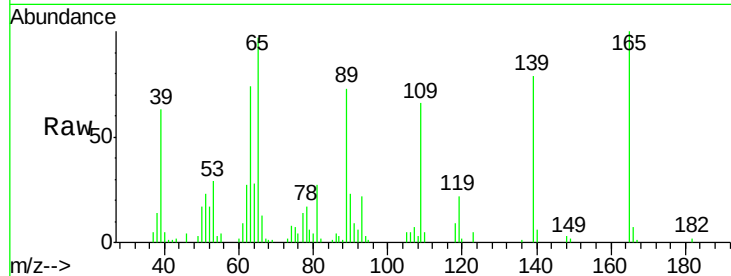




#56
 2,4-Dinitrotoluene
 Concen: 41.60 ng
 RT: 15.52 min Scan# 1263
 Delta R.T. -0.00 min
 Lab File: BF077028.D
 Acq: 23 Jan 2015 2:52

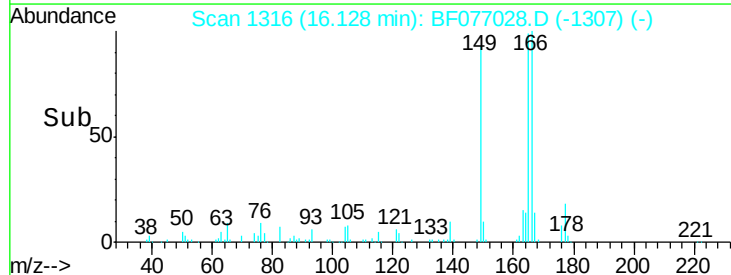
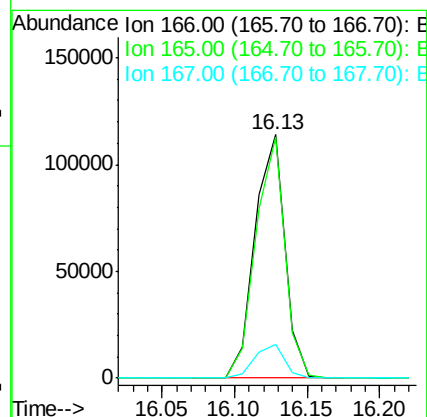
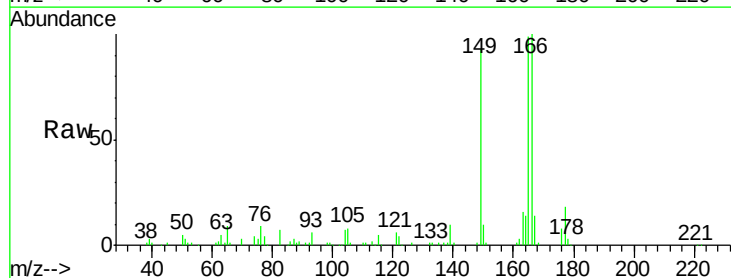
Instrument :
 BNA_F
 ClientSampleId :

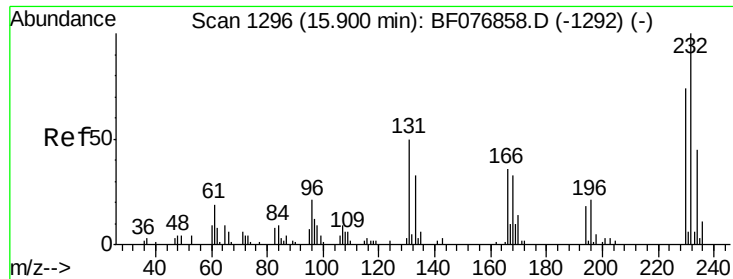
Tot Ion:165 Resp: 47932
 Ion Ratio Lower Upper
 165 100
 63 74.1 44.8 67.2#
 89 73.0 56.2 84.2
 182 2.1 1.5 2.3



#57
 Fluorene
 Concen: 41.44 ng
 RT: 16.13 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: BF077028.D
 Acq: 23 Jan 2015 2:52

Tgt Ion:166 Resp: 163131
 Ion Ratio Lower Upper
 166 100
 165 99.1 78.5 117.7
 167 13.9 10.4 15.6

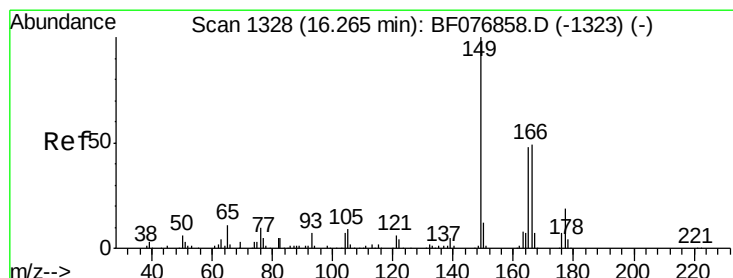
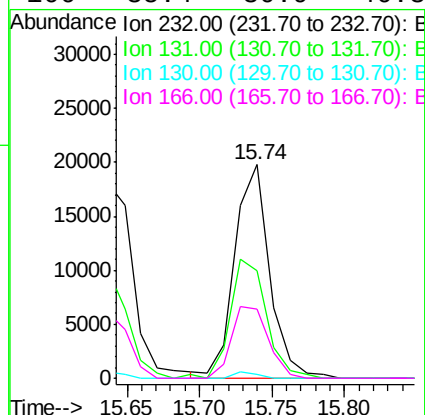
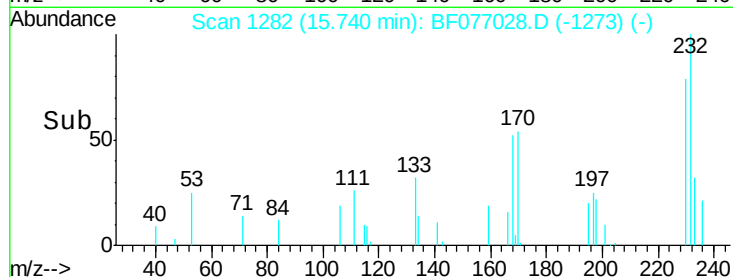
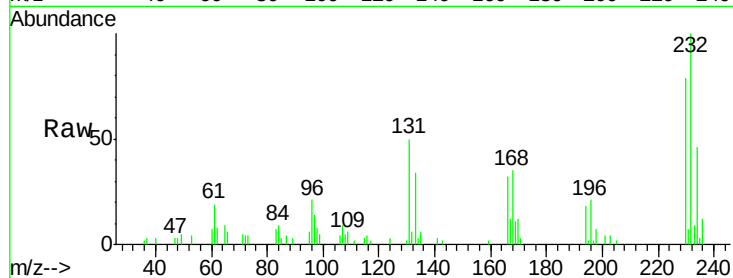




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.30 ng
 RT: 15.74 min Scan# 1282
 Delta R.T. -0.00 min
 Lab File: BF077028.D
 Acq: 23 Jan 2015 2:52

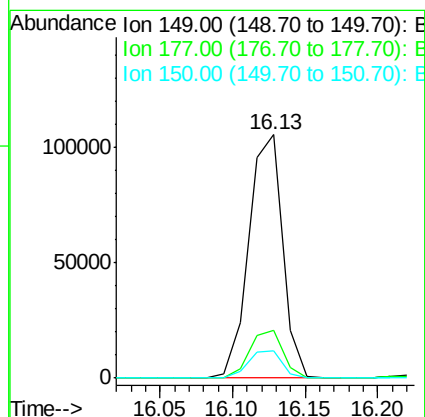
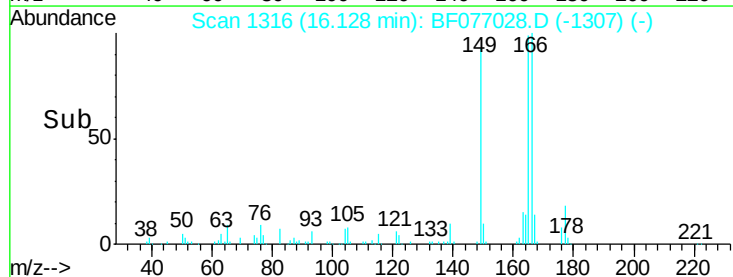
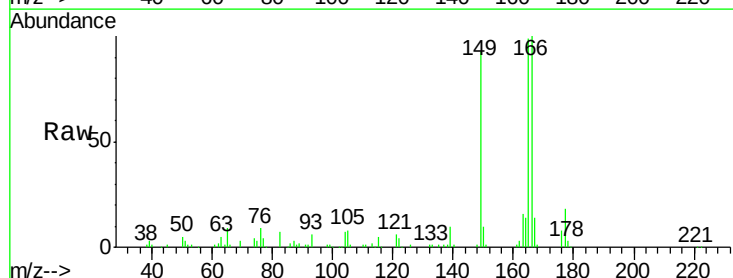
Instrument :
 BNA_F
 ClientSampleId :

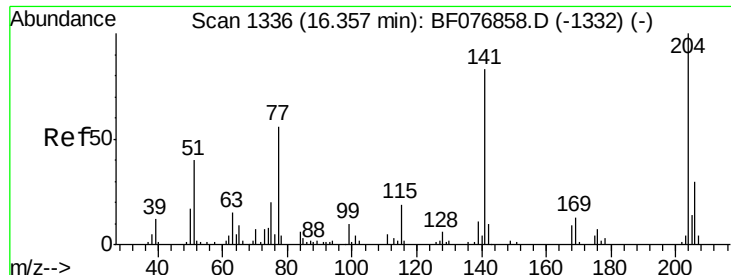
Tot Ion:232 Resp: 33105
 Ion Ratio Lower Upper
 232 100
 131 58.0 45.0 67.6
 130 2.0 2.6 3.8#
 166 35.4 30.9 46.3



#59
 Diethylphthalate
 Concen: 43.60 ng
 RT: 16.13 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: BF077028.D
 Acq: 23 Jan 2015 2:52

Tgt Ion:149 Resp: 170724
 Ion Ratio Lower Upper
 149 100
 177 19.6 15.0 22.6
 150 11.1 9.4 14.0

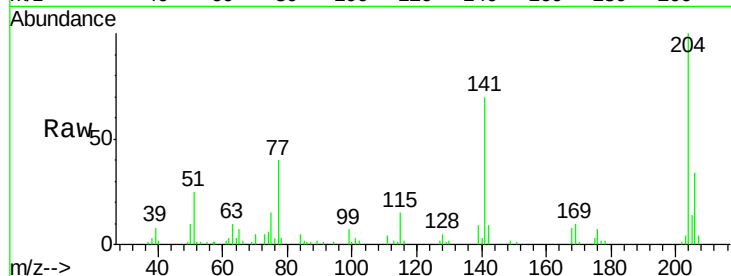




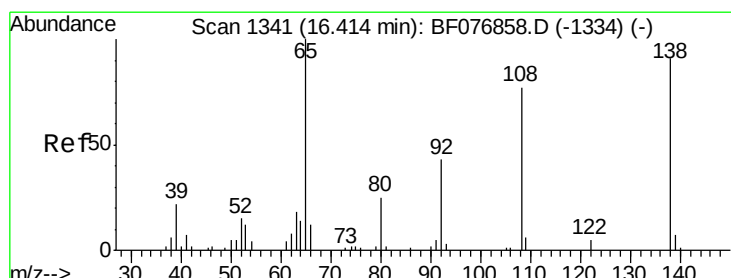
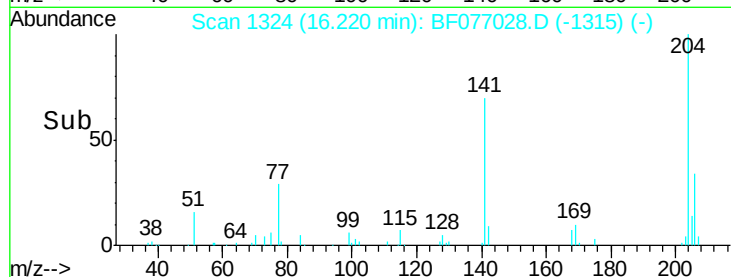
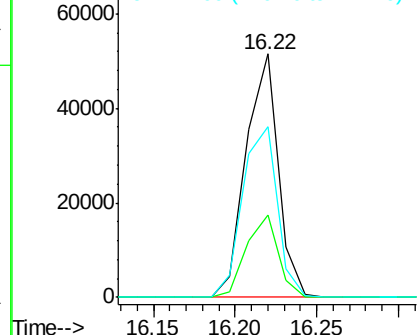
#60
4-Chlorophenyl-phenylether
Concen: 43.74 ng
RT: 16.22 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BF077028.D
Acq: 23 Jan 2015 2:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 70442
Ion Ratio Lower Upper
204 100
206 33.8 24.2 36.2
141 70.2 66.7 100.1

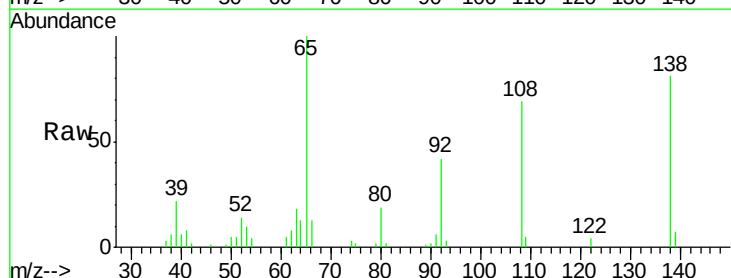


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

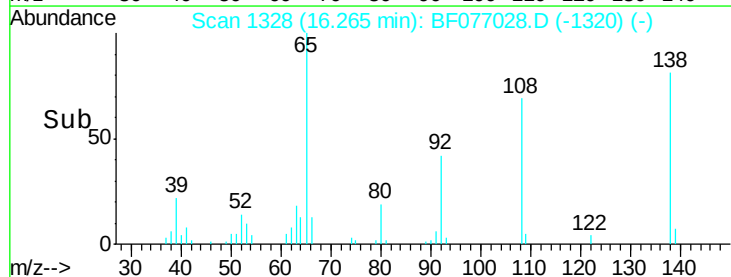
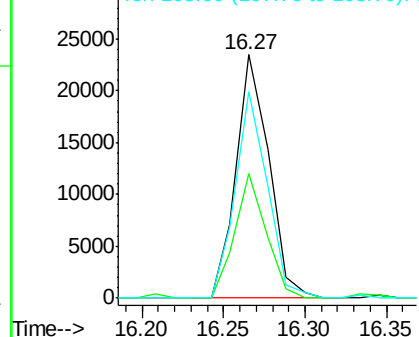


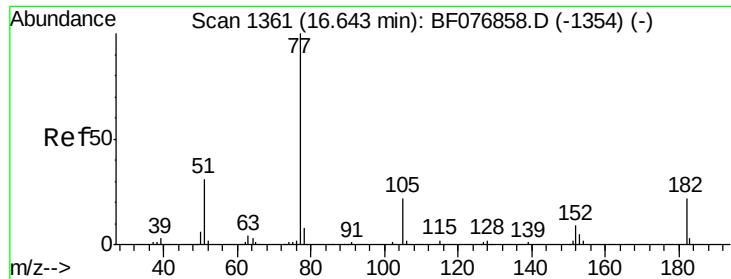
#61
4-Nitroaniline
Concen: 33.84 ng
RT: 16.27 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF077028.D
Acq: 23 Jan 2015 2:52

Tgt Ion:138 Resp: 32591
Ion Ratio Lower Upper
138 100
92 51.4 26.7 66.7
108 84.8 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: 42.80 ng

RT: 16.51 min Scan# 1349

Delta R.T. -0.00 min

Lab File: BF077028.D

Acq: 23 Jan 2015 2:52

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 174604

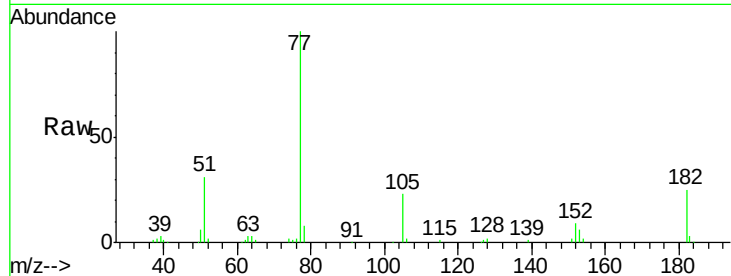
Ion Ratio Lower Upper

77 100

182 25.1 2.0 42.0

105 23.3 2.3 42.3

51 31.1 10.7 50.7

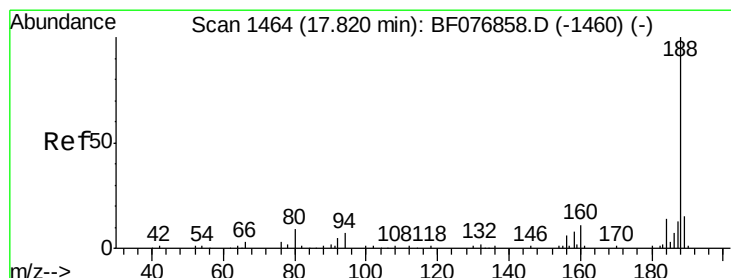
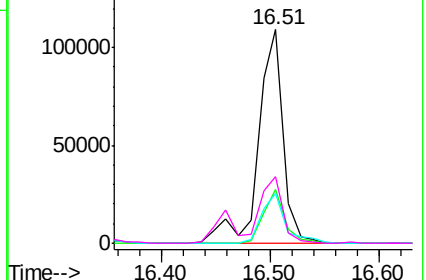
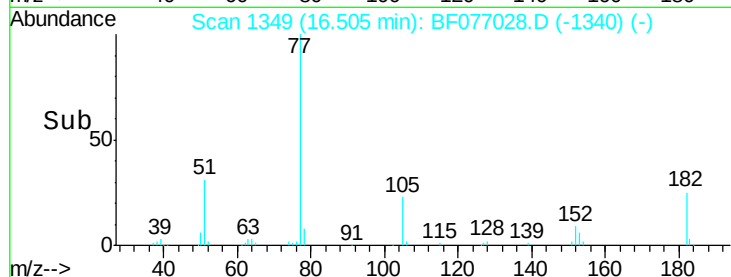


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 17.69 min Scan# 1453

Delta R.T. -0.00 min

Lab File: BF077028.D

Acq: 23 Jan 2015 2:52

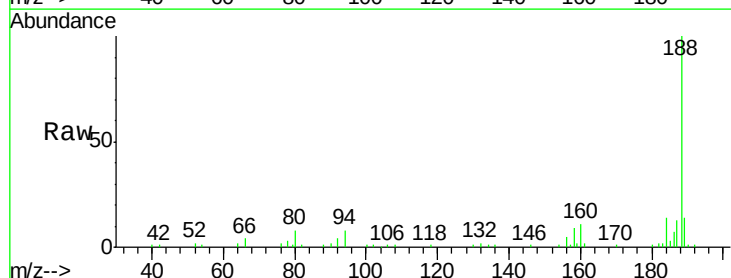
Tgt Ion: 188 Resp: 87061

Ion Ratio Lower Upper

188 100

94 8.2 6.0 9.0

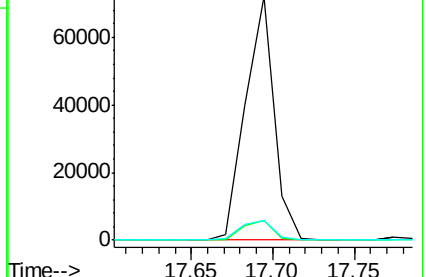
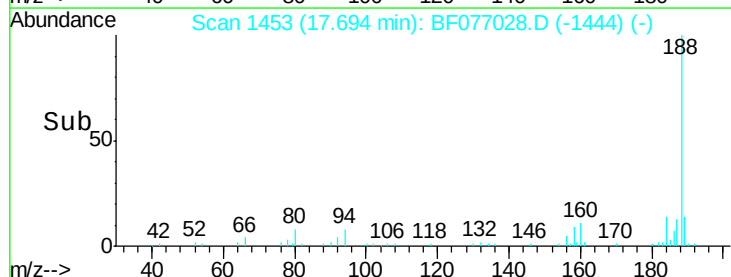
80 7.9 6.9 10.3

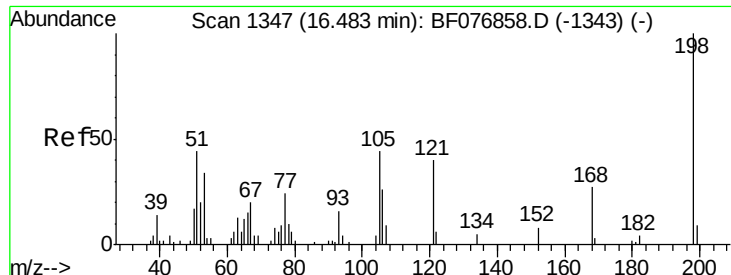


Abundance Ion 188.00 (187.70 to 188.70): E

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: 37.98 ng

RT: 16.35 min Scan# 1335

Delta R.T. -0.00 min

Lab File: BF077028.D

Acq: 23 Jan 2015 2:52

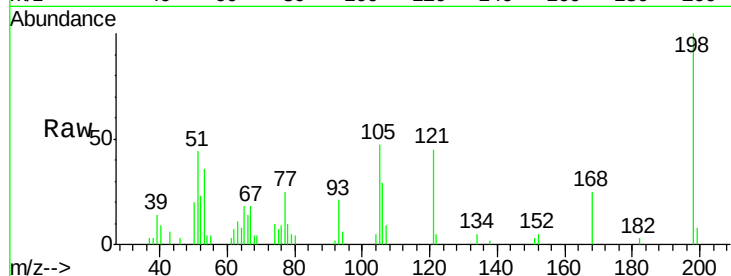
Instrument :

BNA_F

ClientSampleId :

Tot Ion:198 Resp: 20837

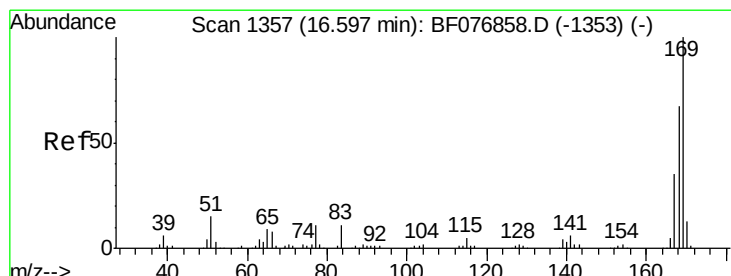
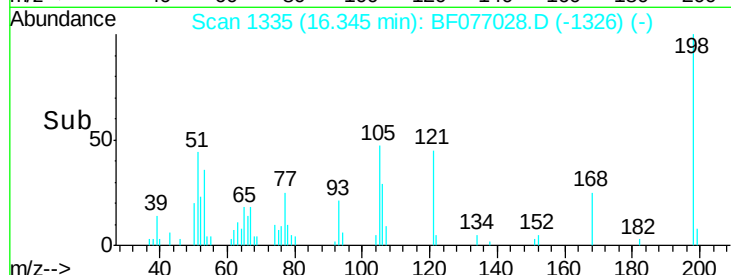
Ion	Ratio	Lower	Upper
198	100		
51	44.0	24.2	64.2
105	46.7	24.0	64.0



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: 44.27 ng

RT: 16.46 min Scan# 1345

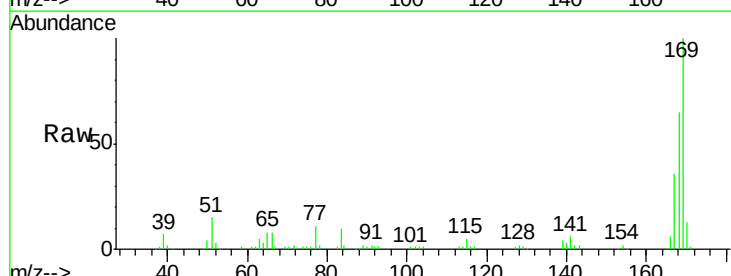
Delta R.T. -0.00 min

Lab File: BF077028.D

Acq: 23 Jan 2015 2:52

Tgt Ion:169 Resp: 137435

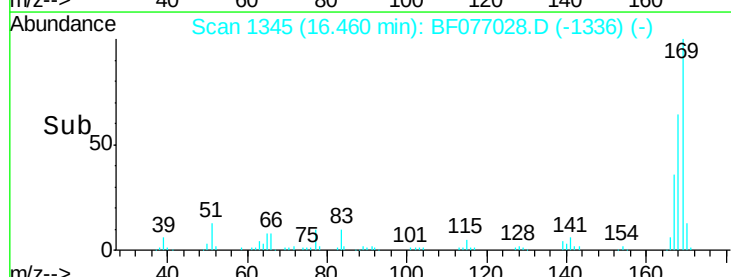
Ion	Ratio	Lower	Upper
169	100		
168	65.2	53.8	80.6
167	36.1	27.8	41.6

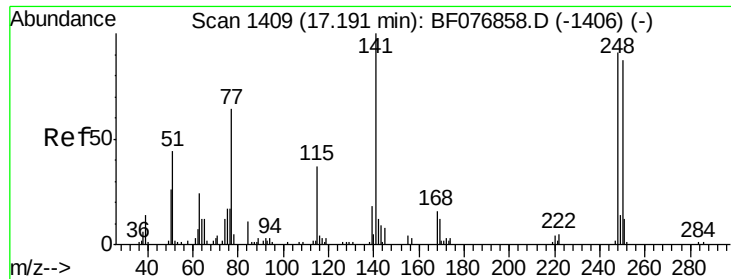


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

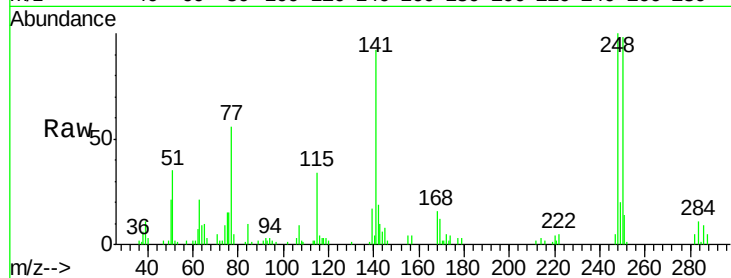




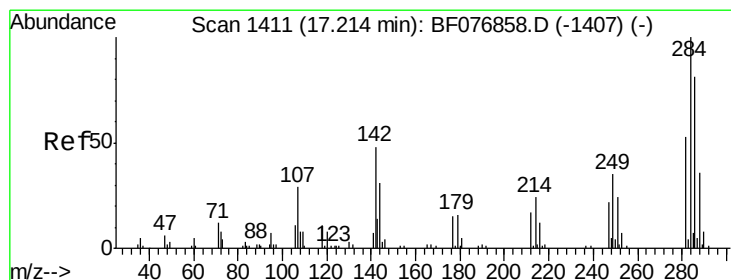
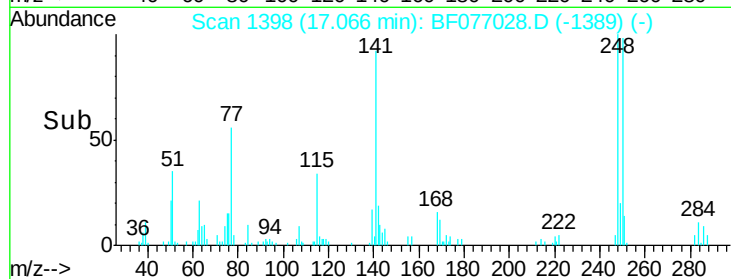
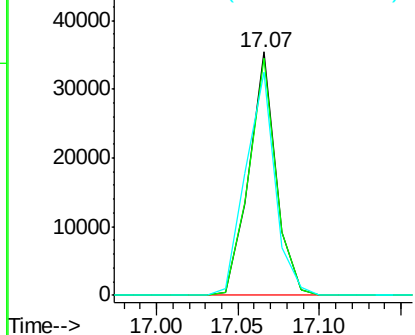
#66
4-Bromophenyl-phenylether
Concen: 45.97 ng
RT: 17.07 min Scan# 1398
Delta R.T. -0.00 min
Lab File: BF077028.D
Acq: 23 Jan 2015 2:52

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 40544
Ion Ratio Lower Upper
248 100
250 97.5 77.1 115.7
141 91.7 88.2 132.4

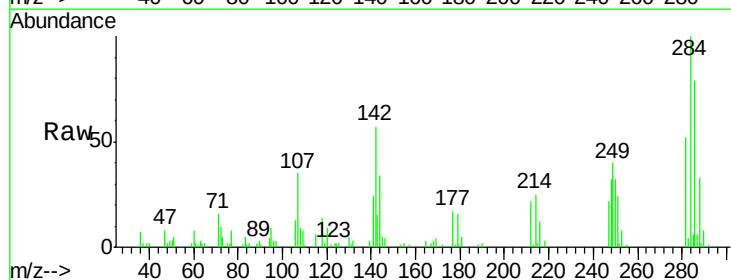


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

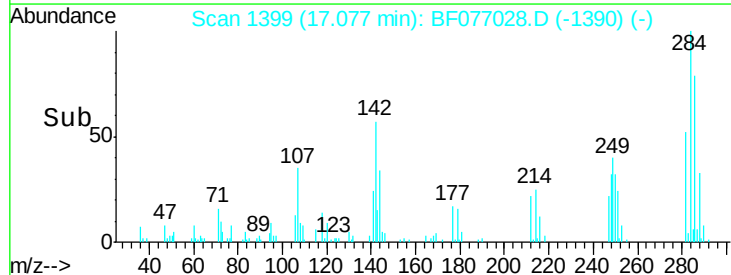
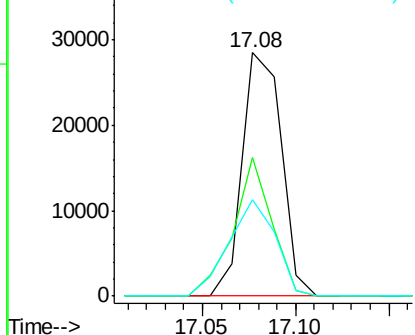


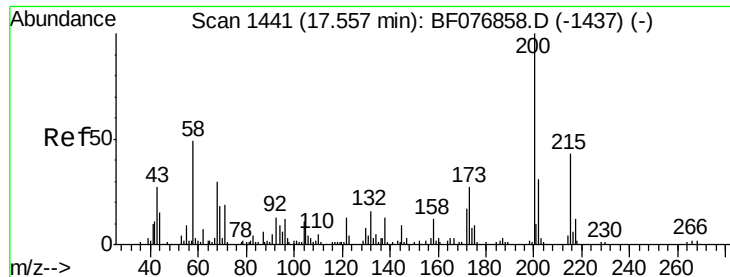
#67
Hexachlorobenzene
Concen: 44.44 ng
RT: 17.08 min Scan# 1399
Delta R.T. -0.00 min
Lab File: BF077028.D
Acq: 23 Jan 2015 2:52

Tgt Ion:284 Resp: 41304
Ion Ratio Lower Upper
284 100
142 57.1 38.2 57.4
249 39.7 28.2 42.2



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#68

Atrazine

Concen: 51.02 ng

RT: 17.44 min Scan# 1431

Delta R.T. -0.00 min

Lab File: BF077028.D

Acq: 23 Jan 2015 2:52

Instrument :

BNA_F

ClientSampled :

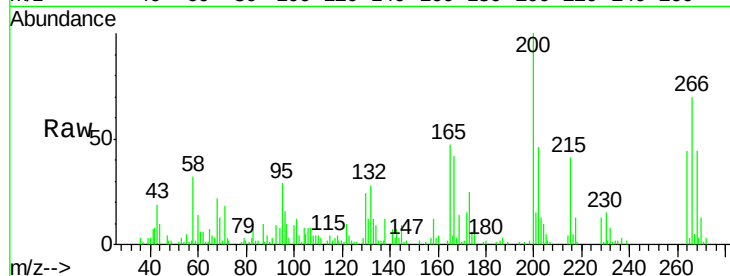
Tot Ion:200 Resp: 48059

Ion Ratio Lower Upper

200 100

173 25.3 6.6 46.6

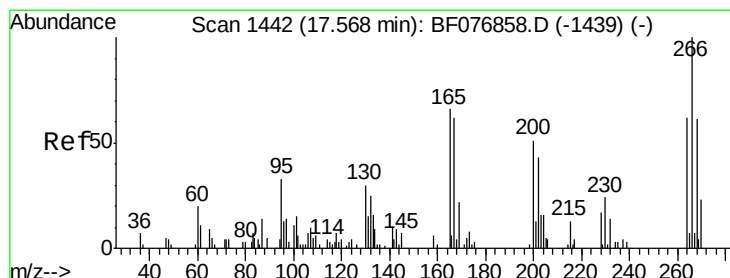
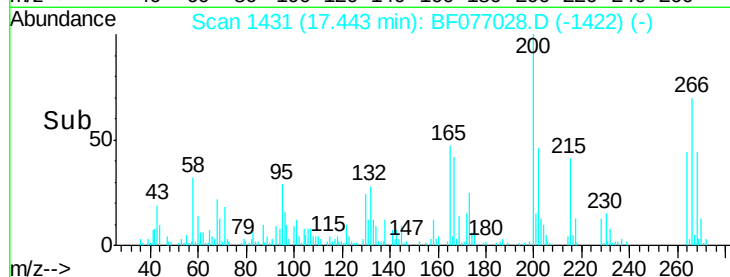
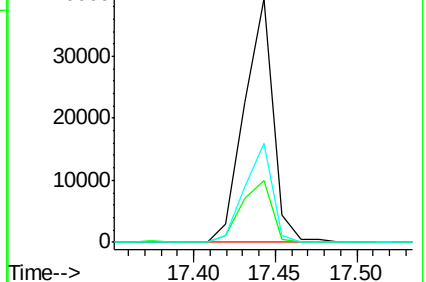
215 40.7 22.9 62.9



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: 83.18 ng

RT: 17.44 min Scan# 1431

Delta R.T. -0.00 min

Lab File: BF077028.D

Acq: 23 Jan 2015 2:52

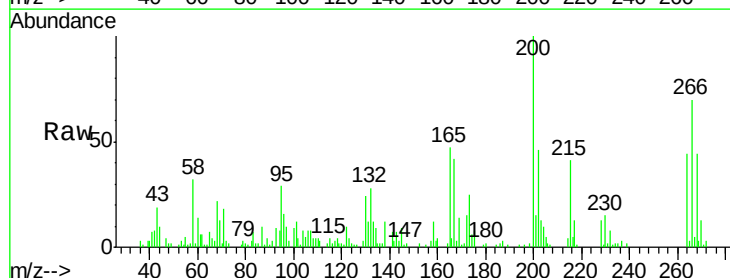
Tgt Ion:266 Resp: 35591

Ion Ratio Lower Upper

266 100

268 62.5 48.6 72.8

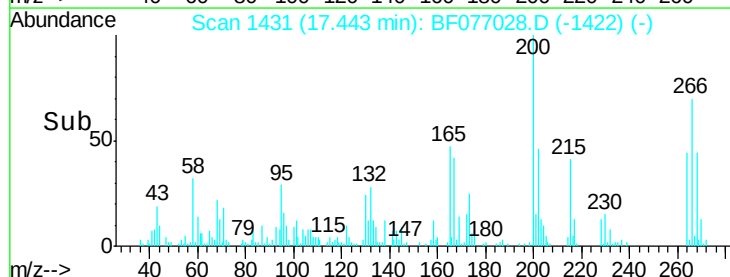
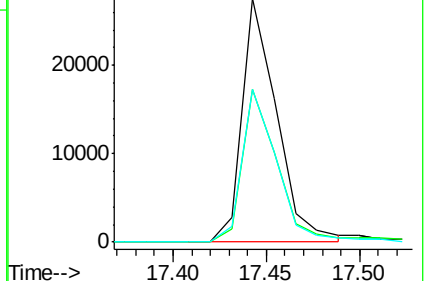
264 62.7 49.5 74.3

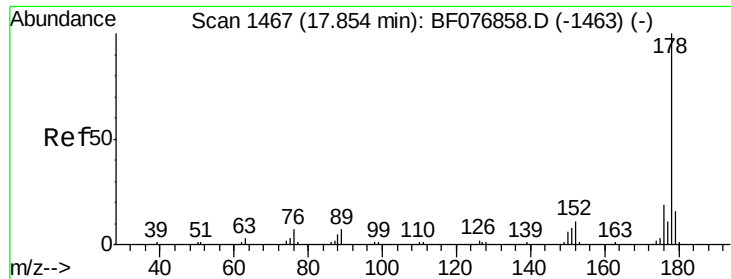


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

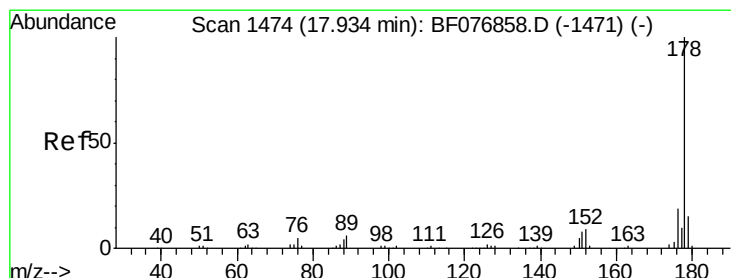
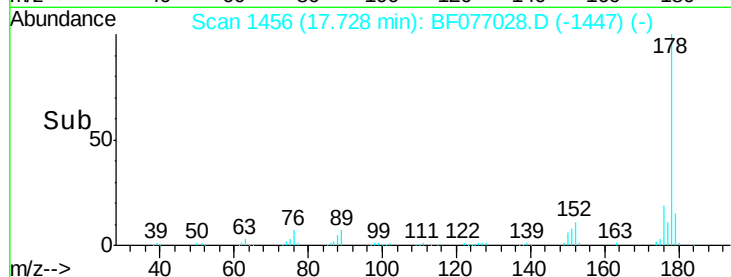
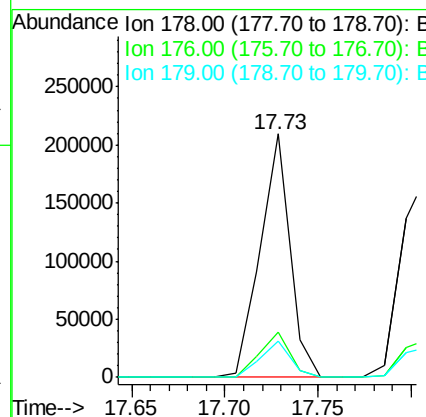
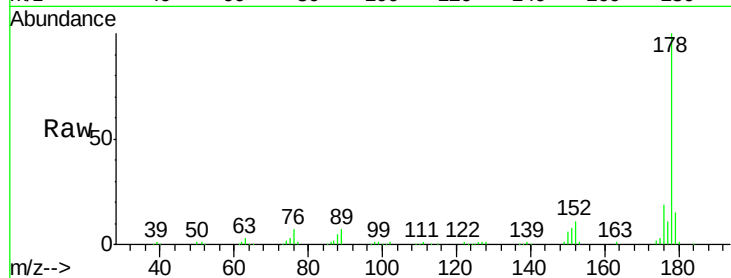




#70
Phenanthrene
Concen: 42.61 ng
RT: 17.73 min Scan# 1456
Delta R.T. -0.00 min
Lab File: BF077028.D
Acq: 23 Jan 2015 2:52

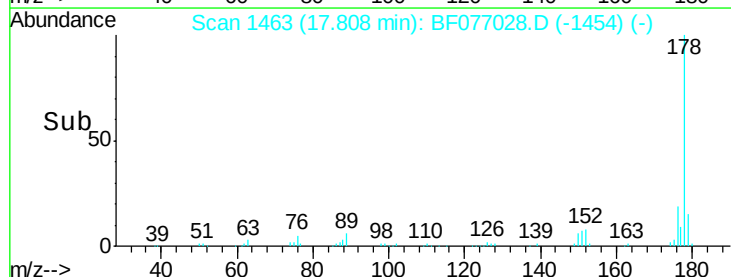
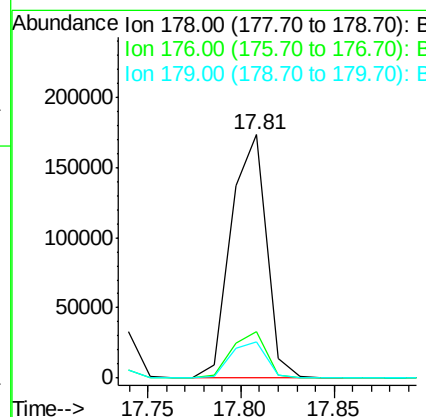
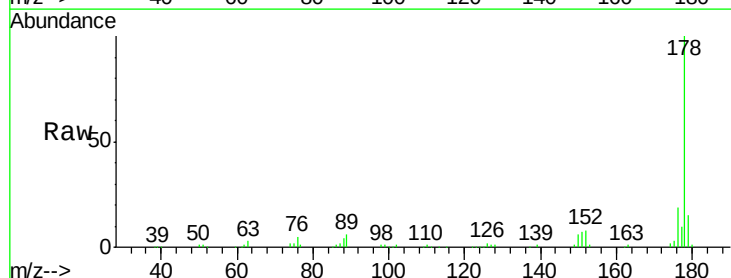
Instrument :
BNA_F
ClientSampleId :

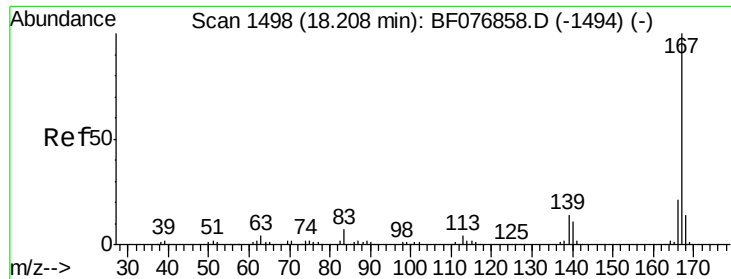
Tot Ion:178 Resp: 231352
Ion Ratio Lower Upper
178 100
176 18.7 15.1 22.7
179 15.0 12.7 19.1



#71
Anthracene
Concen: 43.43 ng
RT: 17.81 min Scan# 1463
Delta R.T. -0.00 min
Lab File: BF077028.D
Acq: 23 Jan 2015 2:52

Tgt Ion:178 Resp: 229929
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 14.9 11.9 17.9

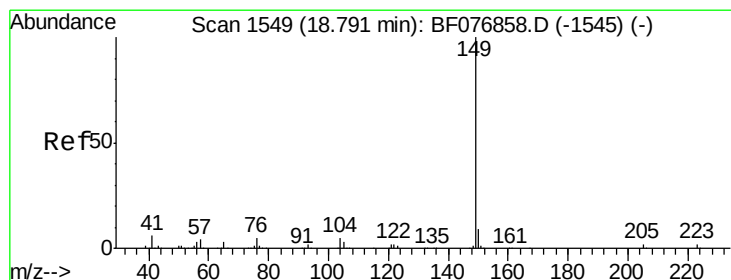
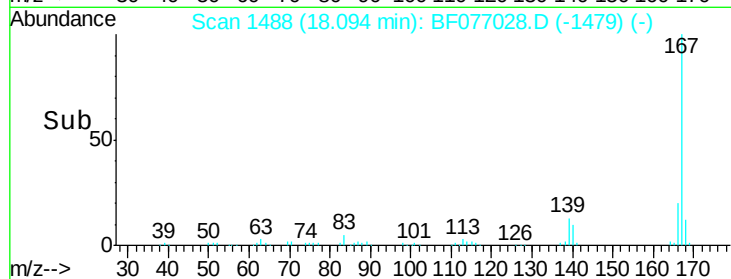
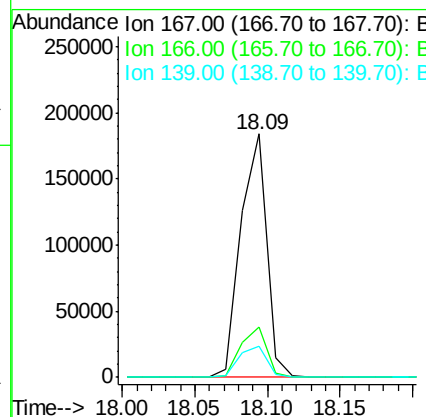
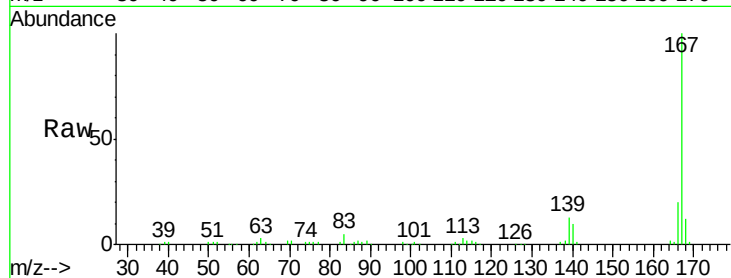




#72
 Carbazole
 Concen: 44.46 ng
 RT: 18.09 min Scan# 1488
 Delta R.T. -0.00 min
 Lab File: BF077028.D
 Acq: 23 Jan 2015 2:52

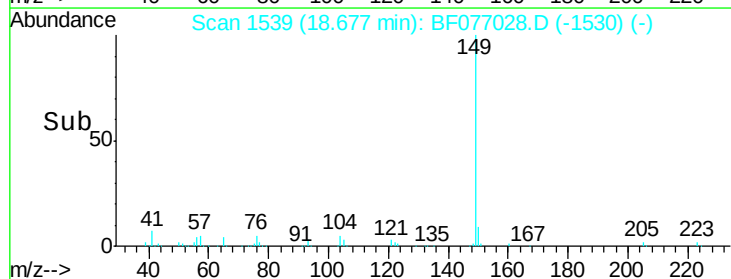
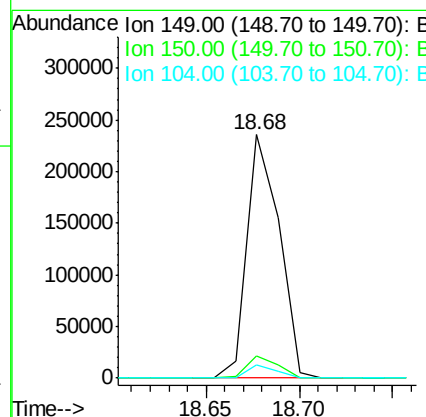
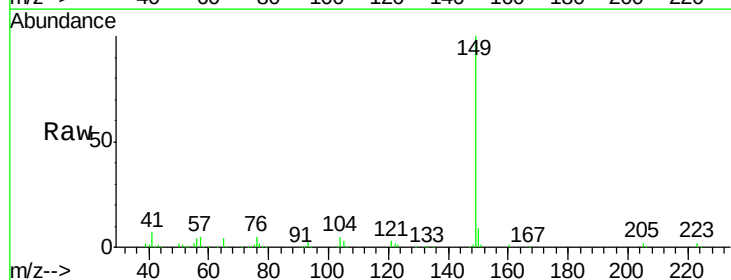
Instrument :
 BNA_F
 ClientSampleId :

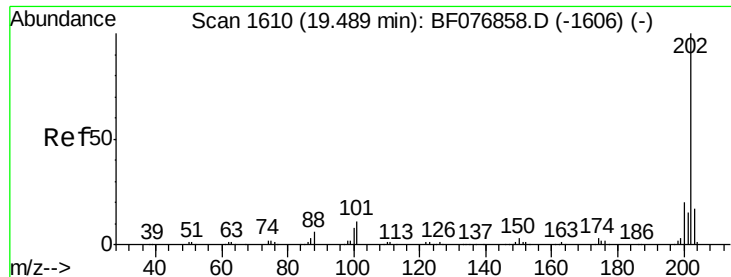
Tot Ion:167 Resp: 228288
 Ion Ratio Lower Upper
 167 100
 166 20.5 17.0 25.6
 139 12.8 11.3 16.9



#73
 Di-n-butylphthalate
 Concen: 47.71 ng
 RT: 18.68 min Scan# 1539
 Delta R.T. -0.00 min
 Lab File: BF077028.D
 Acq: 23 Jan 2015 2:52

Tgt Ion:149 Resp: 283561
 Ion Ratio Lower Upper
 149 100
 150 8.9 6.9 10.3
 104 5.2 3.7 5.5

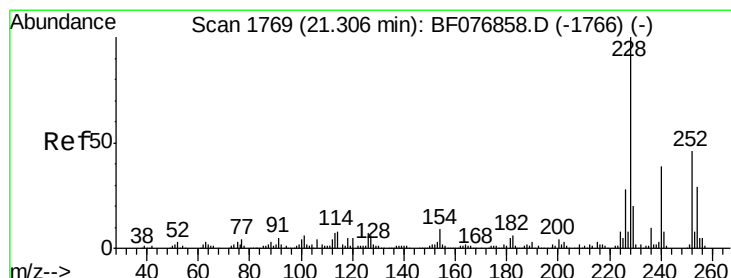
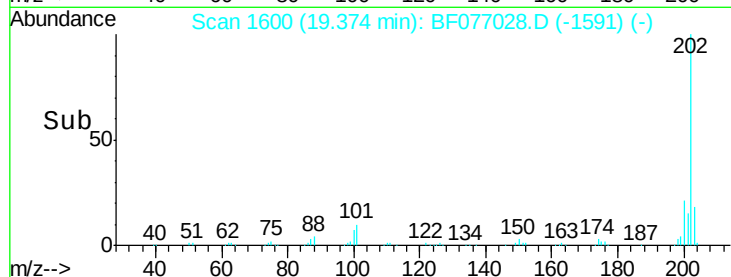
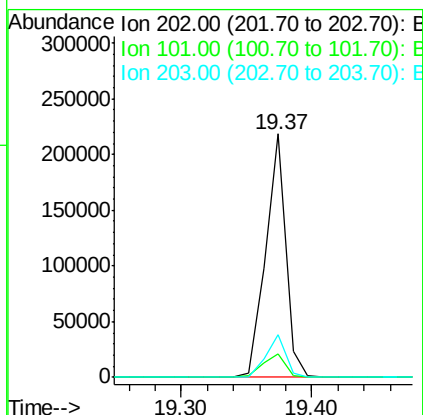
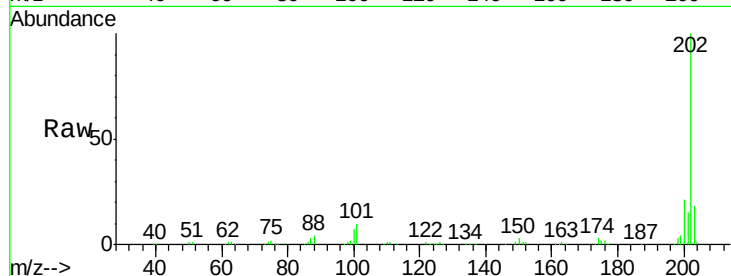




#74
 Fluoranthene
 Concen: 42.67 ng
 RT: 19.37 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: BF077028.D
 Acq: 23 Jan 2015 2:52

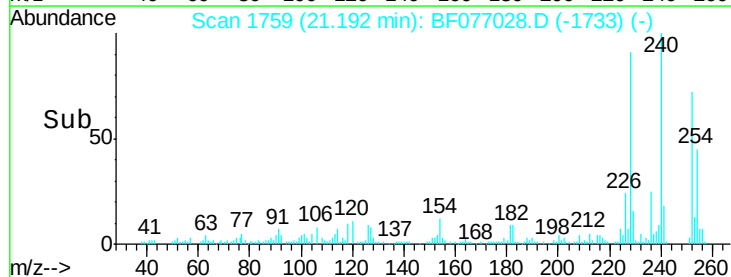
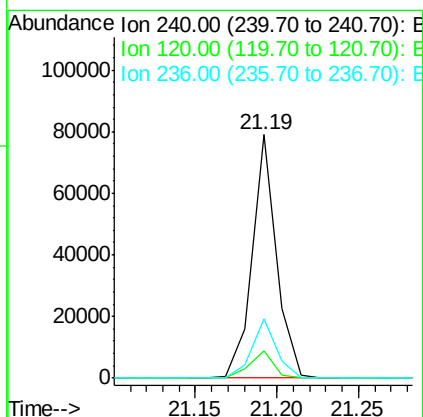
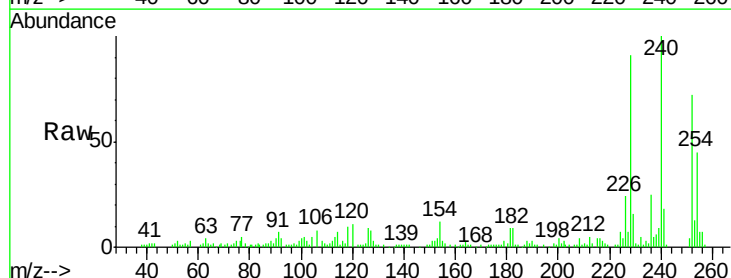
Instrument :
 BNA_F
 ClientSampled :

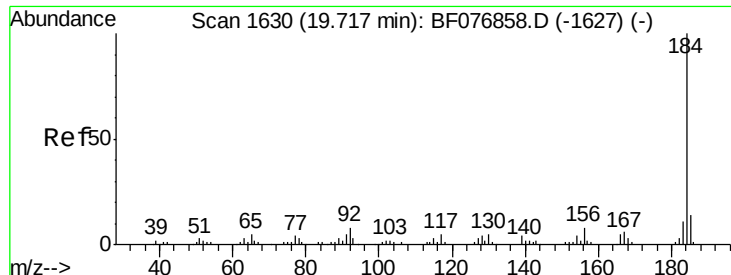
Tot Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	30.7
203	17.5	0.0	36.9



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.19 min Scan# 1759
 Delta R.T. -0.00 min
 Lab File: BF077028.D
 Acq: 23 Jan 2015 2:52

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.2	10.4	15.6
236	24.6	20.2	30.2

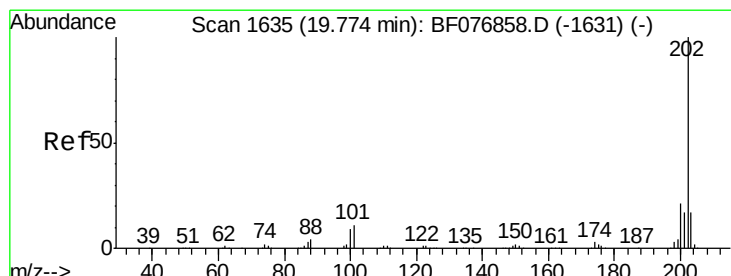
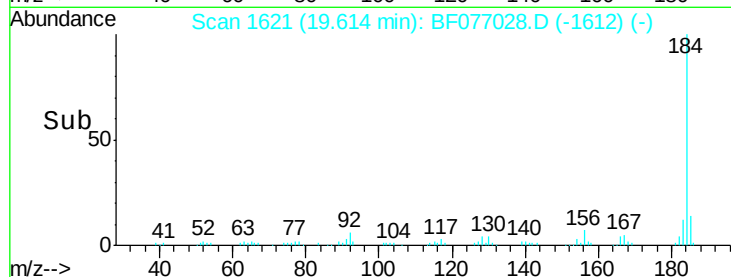
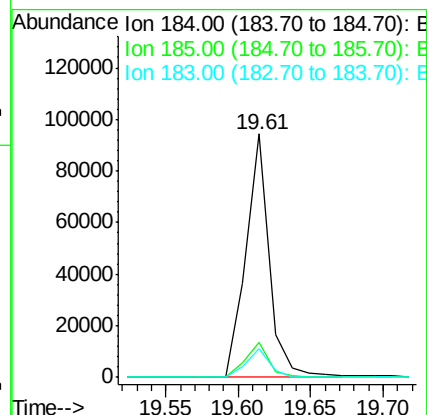
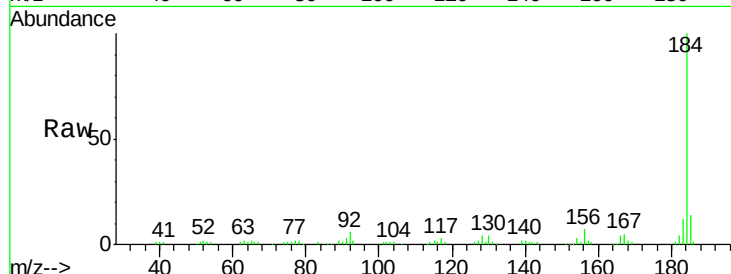




#76
Benzidine
Concen: 40.84 ng
RT: 19.61 min Scan# 1621
Delta R.T. -0.00 min
Lab File: BF077028.D
Acq: 23 Jan 2015 2:52

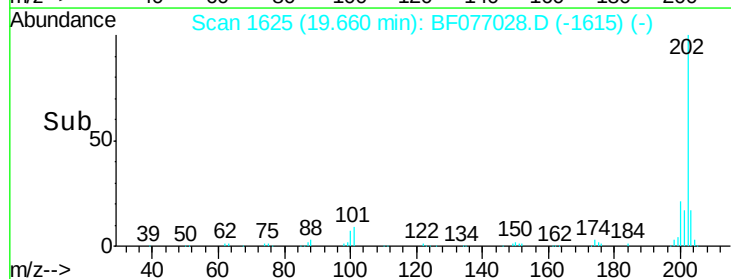
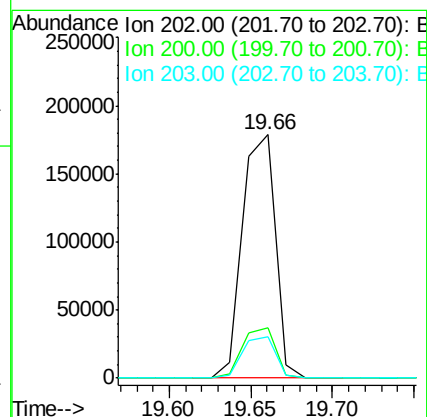
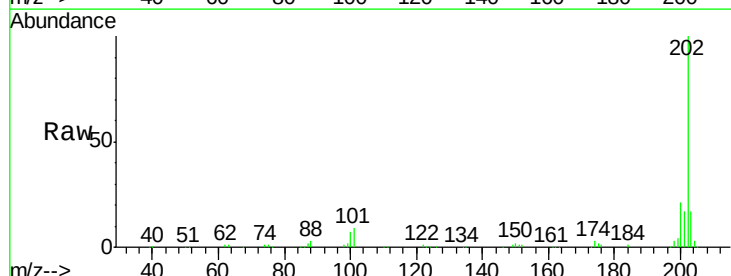
Instrument :
BNA_F
ClientSampleId :

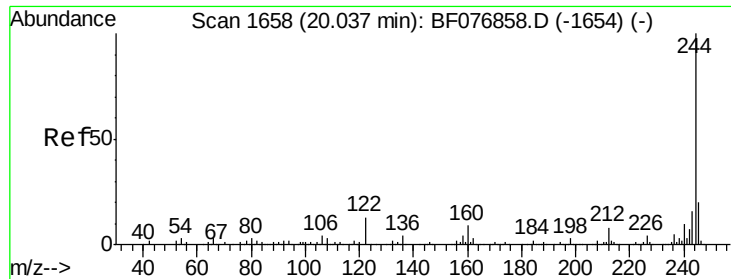
Tot Ion:184 Resp: 106452
Ion Ratio Lower Upper
184 100
185 14.4 11.4 17.2
183 11.8 9.0 13.6



#77
Pyrene
Concen: 44.81 ng
RT: 19.66 min Scan# 1625
Delta R.T. 0.01 min
Lab File: BF077028.D
Acq: 23 Jan 2015 2:52

Tgt Ion:202 Resp: 250141
Ion Ratio Lower Upper
202 100
200 20.6 16.7 25.1
203 17.1 14.0 21.0





#78

Terphenyl-d14

Concen: 84.19 ng

RT: 19.92 min Scan# 1648

Delta R.T. -0.00 min

Lab File: BF077028.D

Acq: 23 Jan 2015 2:52

Instrument :

BNA_F

ClientSampleId :

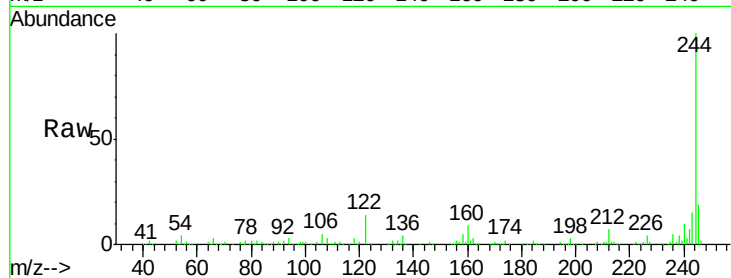
Tot Ion:244 Resp: 297912

Ion Ratio Lower Upper

244 100

212 7.5 6.3 9.5

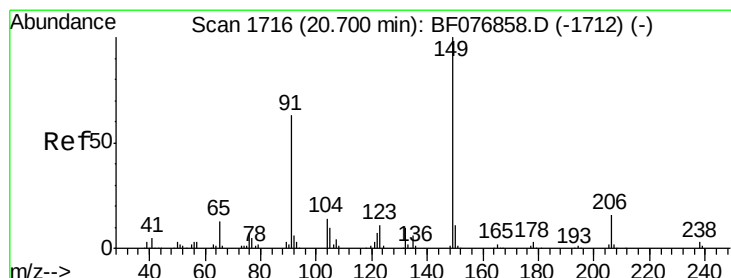
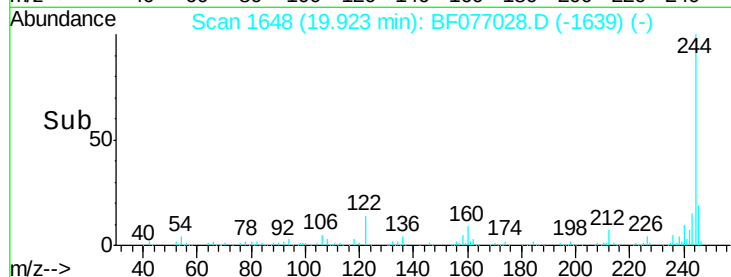
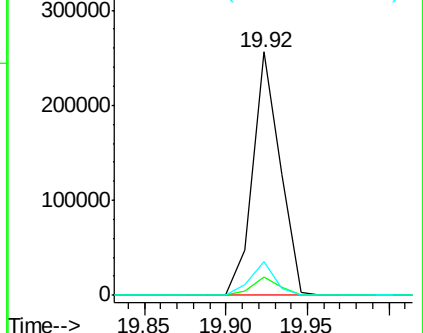
122 13.8 10.1 15.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 47.04 ng

RT: 20.59 min Scan# 1706

Delta R.T. -0.00 min

Lab File: BF077028.D

Acq: 23 Jan 2015 2:52

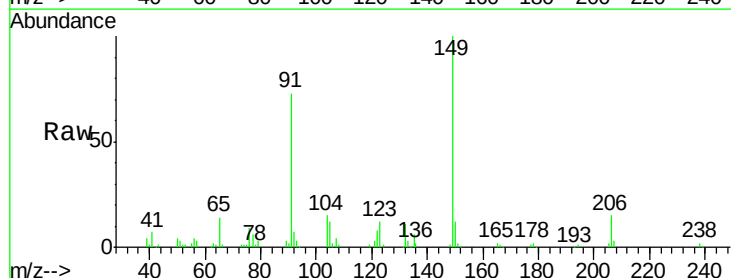
Tgt Ion:149 Resp: 118942

Ion Ratio Lower Upper

149 100

91 73.4 50.6 76.0

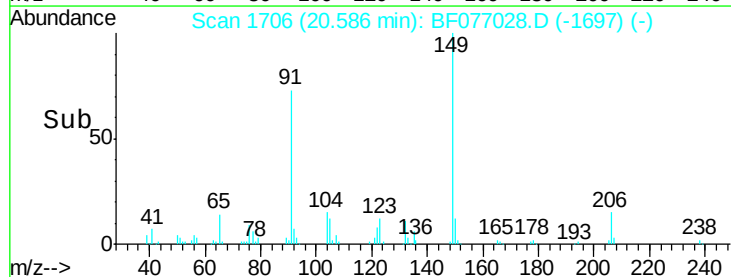
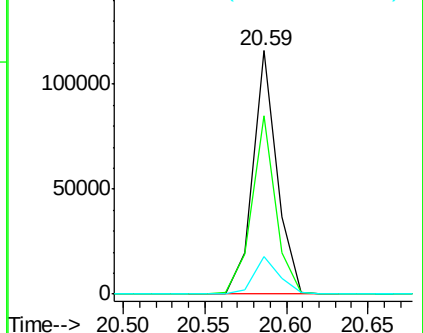
206 15.2 12.8 19.2

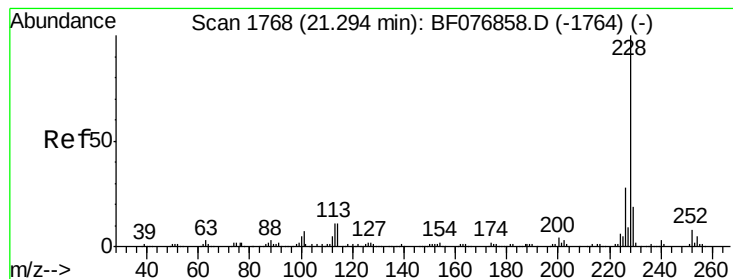


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 42.41 ng

RT: 21.18 min Scan# 1758

Delta R.T. -0.00 min

Lab File: BF077028.D

Acq: 23 Jan 2015 2:52

Instrument :

BNA_F

ClientSampled :

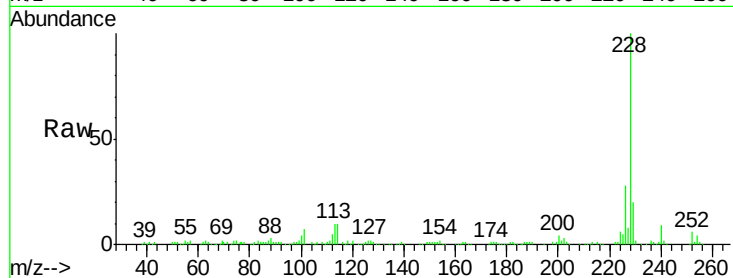
Tot Ion:228 Resp: 216769

Ion Ratio Lower Upper

228 100

226 28.0 22.1 33.1

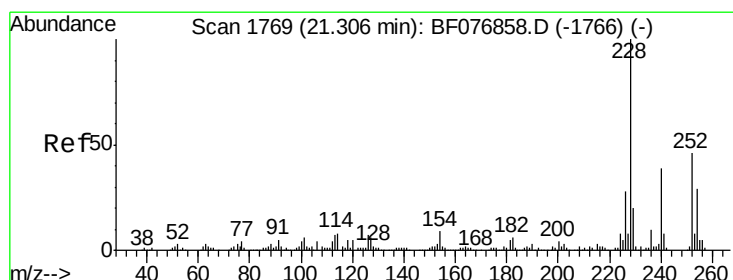
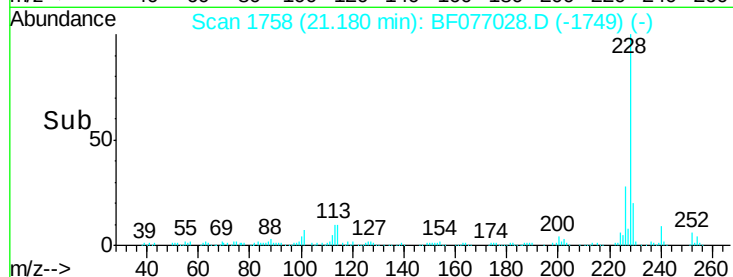
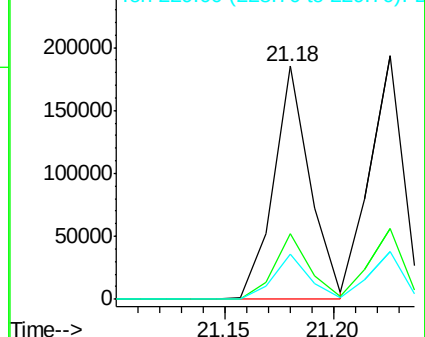
229 19.5 15.5 23.3



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: 34.38 ng

RT: 21.19 min Scan# 1759

Delta R.T. -0.00 min

Lab File: BF077028.D

Acq: 23 Jan 2015 2:52

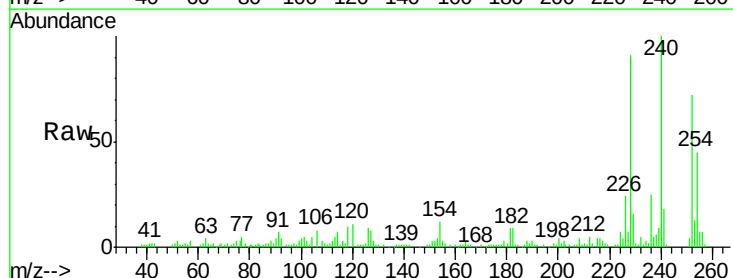
Tgt Ion:252 Resp: 55847

Ion Ratio Lower Upper

252 100

254 62.8 50.2 75.4

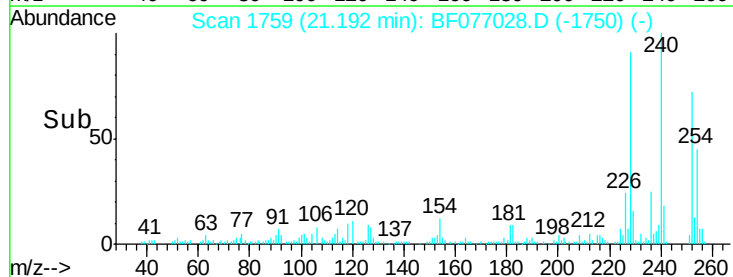
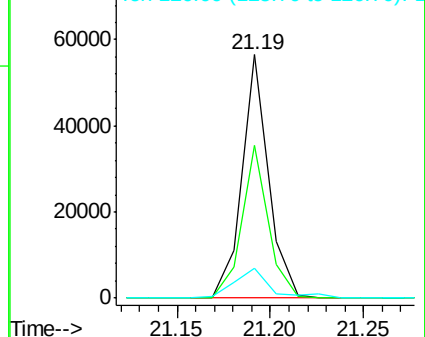
126 12.4 11.5 17.3

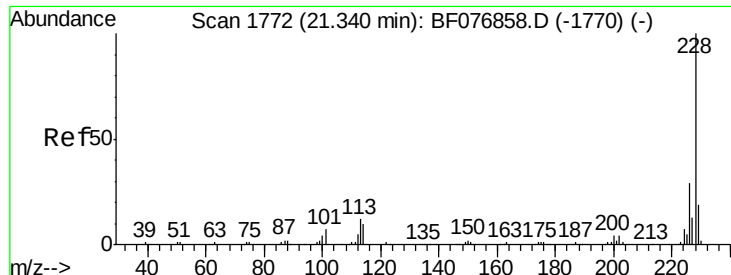


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

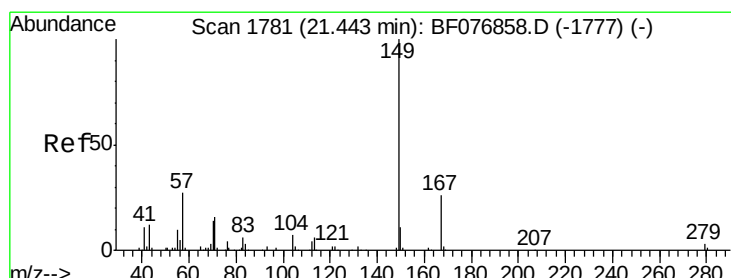
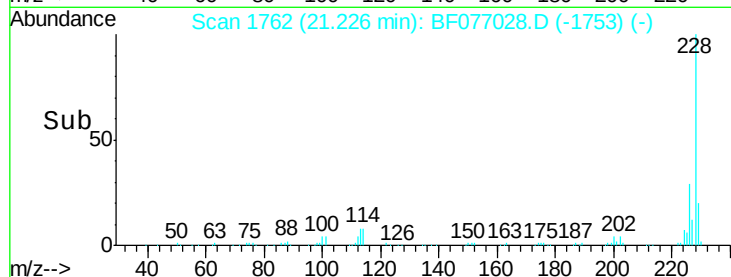
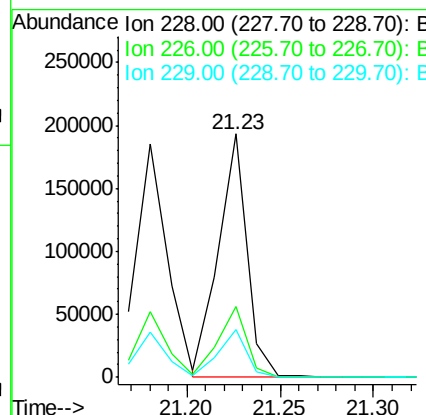
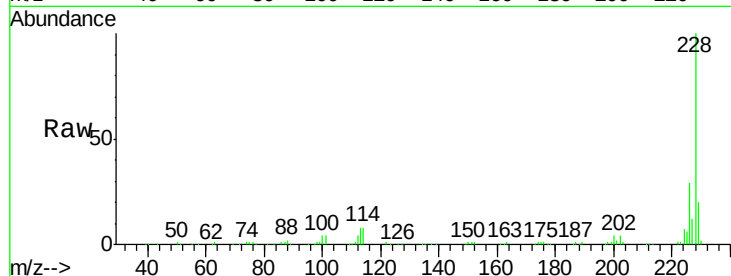




#82
 Chrysene
 Concen: 44.42 ng
 RT: 21.23 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: BF077028.D
 Acq: 23 Jan 2015 2:52

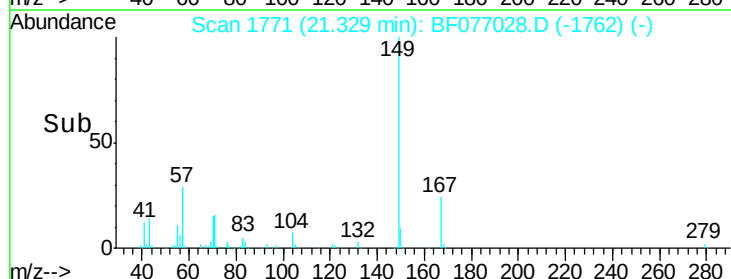
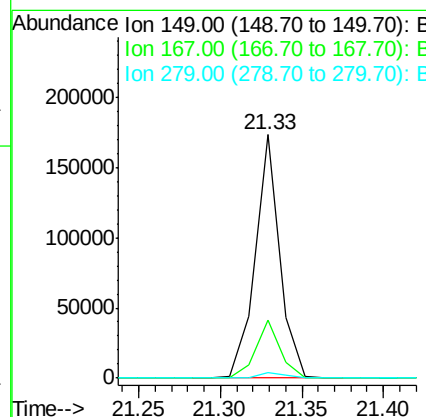
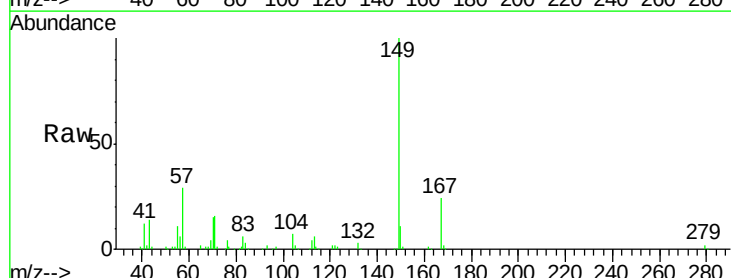
Instrument :
 BNA_F
 ClientSampleId :

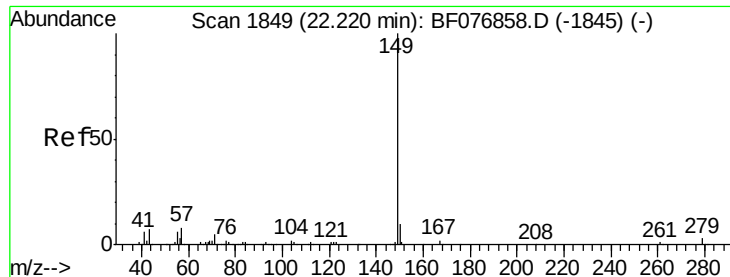
Tot Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.4	35.0
229	19.5	15.4	23.0



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 51.53 ng
 RT: 21.33 min Scan# 1771
 Delta R.T. -0.00 min
 Lab File: BF077028.D
 Acq: 23 Jan 2015 2:52

Tgt Ion	Ratio	Lower	Upper
149	100		
167	24.0	20.6	30.8
279	2.1	2.2	3.2#

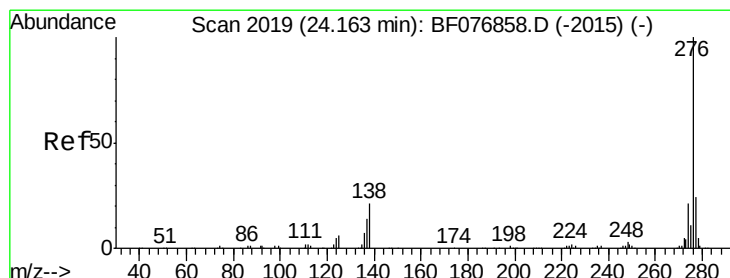
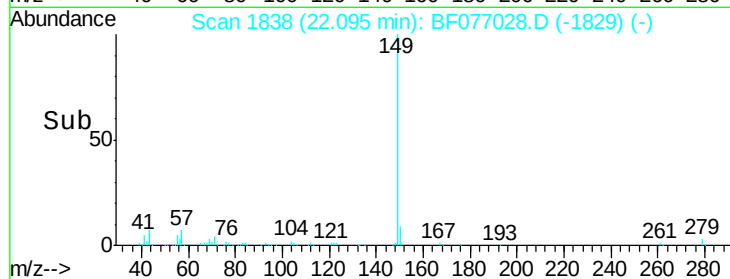
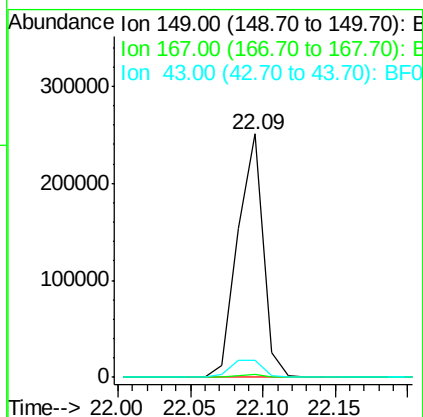
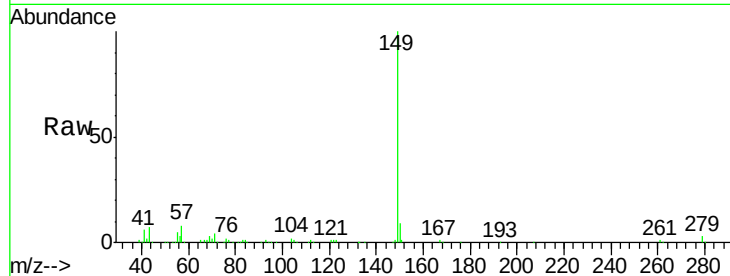




#84
Di-n-octyl phthalate
Concen: 50.46 ng
RT: 22.09 min Scan# 1838
Delta R.T. -0.00 min
Lab File: BF077028.D
Acq: 23 Jan 2015 2:52

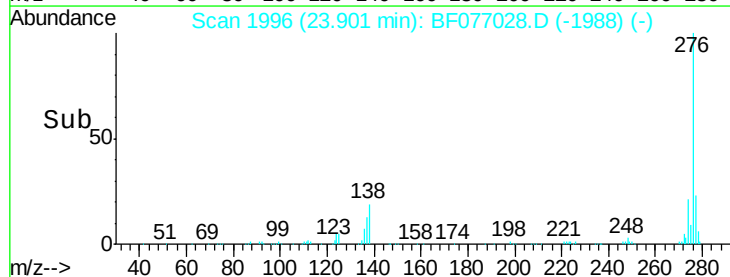
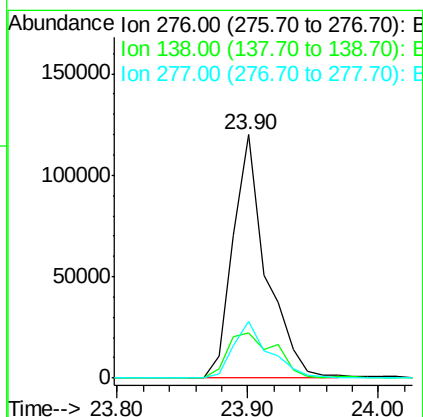
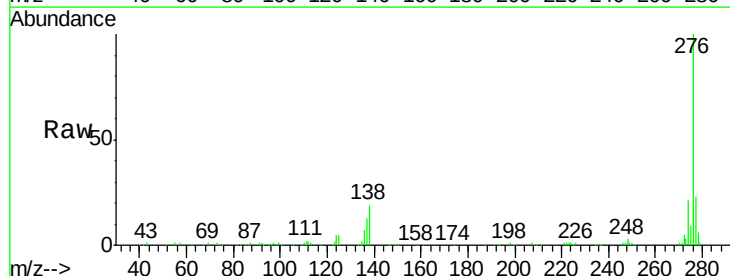
Instrument :
BNA_F
ClientSampleId :

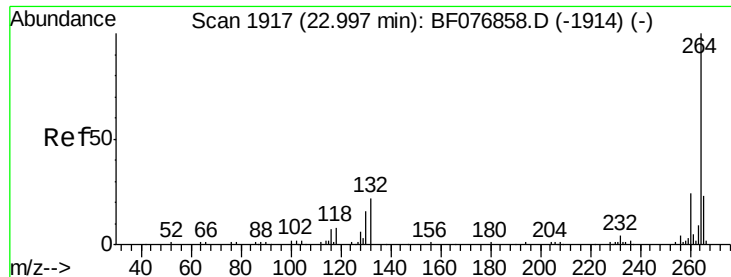
Tot Ion:149 Resp: 306387
Ion Ratio Lower Upper
149 100
167 1.3 1.1 1.7
43 9.4 6.6 10.0



#85
Indeno(1,2,3-cd)pyrene
Concen: 43.08 ng
RT: 23.90 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF077028.D
Acq: 23 Jan 2015 2:52

Tgt Ion:276 Resp: 212807
Ion Ratio Lower Upper
276 100
138 27.2 14.6 22.0#
277 24.8 14.8 22.2#



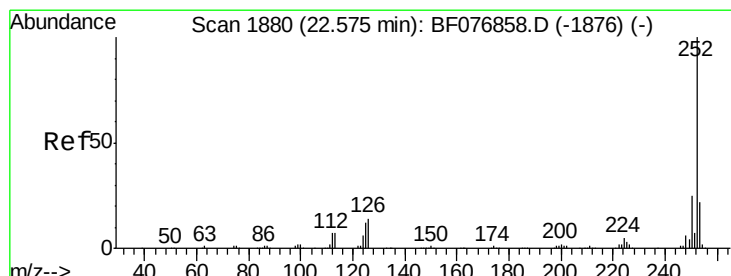
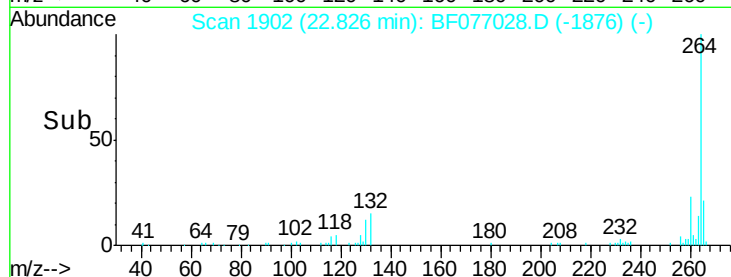
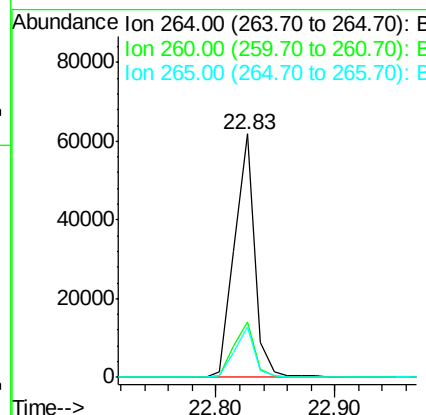
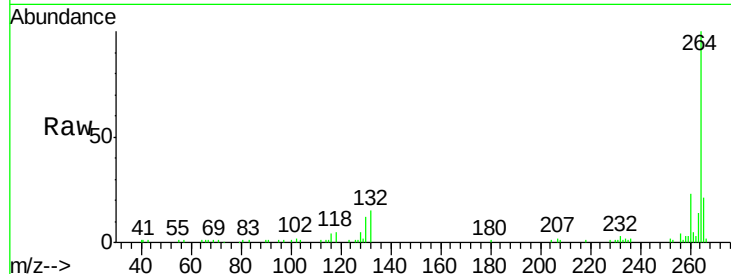


#86
Pervlene-d12
Concen: 20.00 ng
RT: 22.83 min Scan# 1902
Delta R.T. -0.00 min
Lab File: BF077028.D
Acq: 23 Jan 2015 2:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 73280

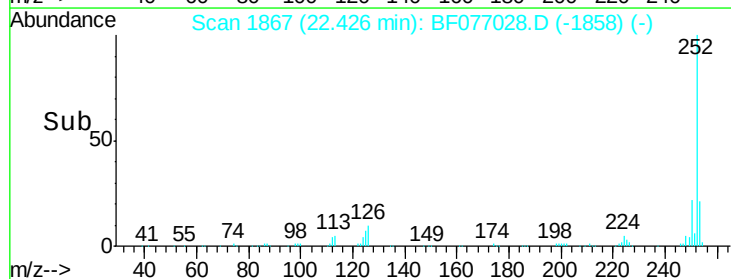
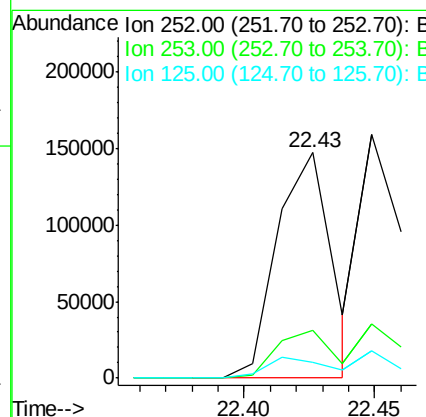
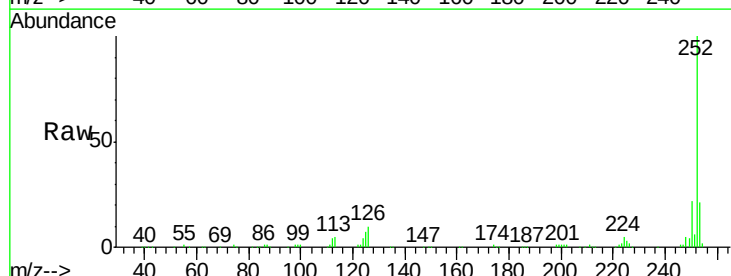
Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.0	28.4
265	20.8	18.1	27.1

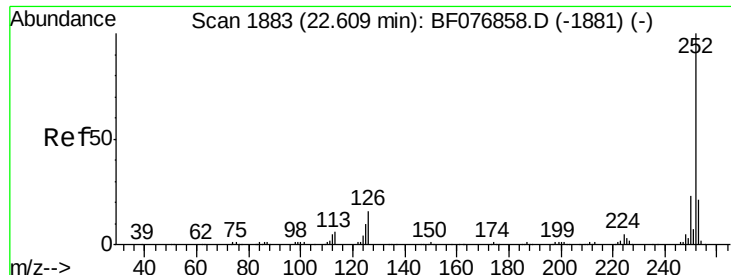


#87
Benzo(b)fluoranthene
Concen: 42.90 ng
RT: 22.43 min Scan# 1867
Delta R.T. -0.00 min
Lab File: BF077028.D
Acq: 23 Jan 2015 2:52

Tgt Ion:252 Resp: 211752

Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.5	26.3
125	7.2	9.4	14.0#

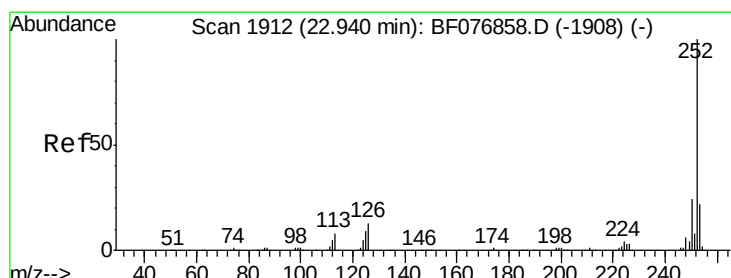
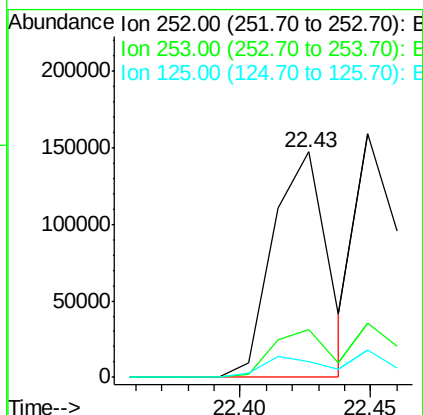
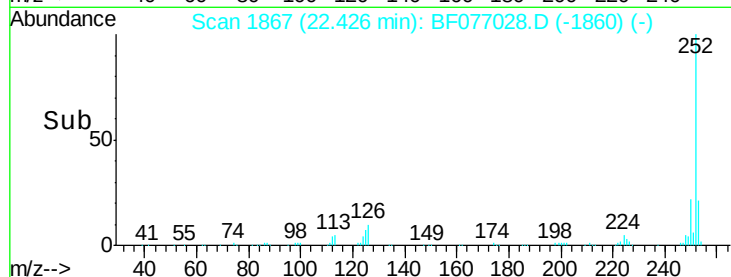
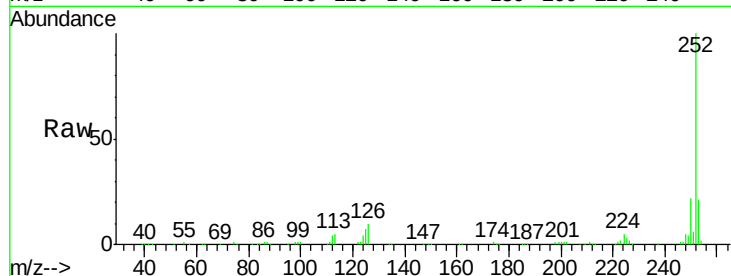




#88
Benzo(k)fluoranthene
Concen: 49.11 ng
RT: 22.43 min Scan# 1867
Delta R.T. -0.02 min
Lab File: BF077028.D
Acq: 23 Jan 2015 2:52

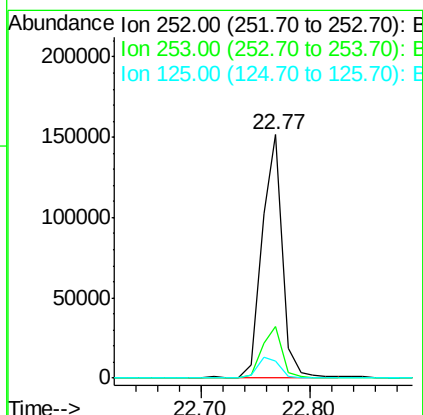
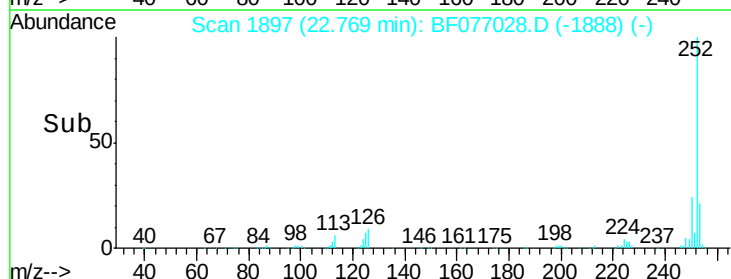
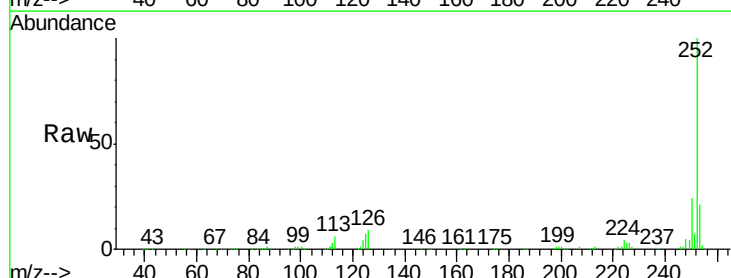
Instrument :
BNA_F
ClientSampleId :

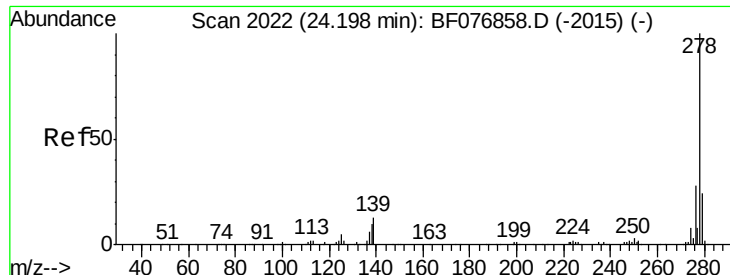
Tot Ion:252 Resp: 211752
Ion Ratio Lower Upper
252 100
253 21.1 17.2 25.8
125 7.2 7.1 10.7



#89
Benzo(a)pyrene
Concen: 45.65 ng
RT: 22.77 min Scan# 1897
Delta R.T. -0.00 min
Lab File: BF077028.D
Acq: 23 Jan 2015 2:52

Tgt Ion:252 Resp: 198724
Ion Ratio Lower Upper
252 100
253 21.1 17.9 26.9
125 6.9 7.2 10.8#

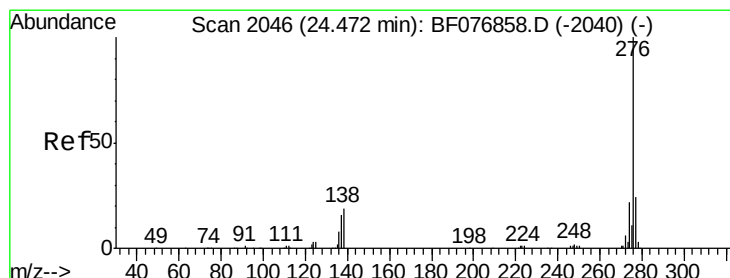
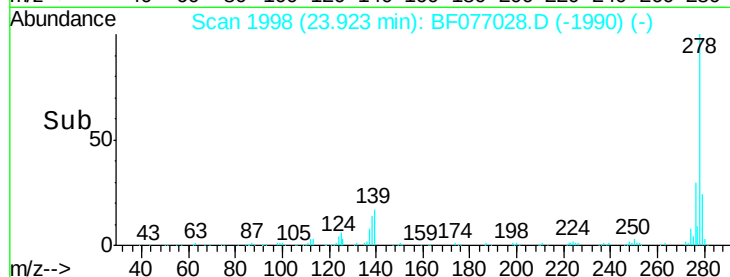
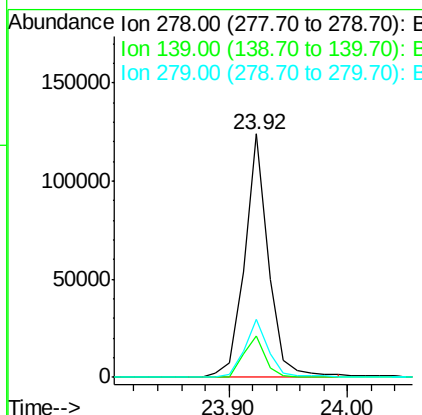
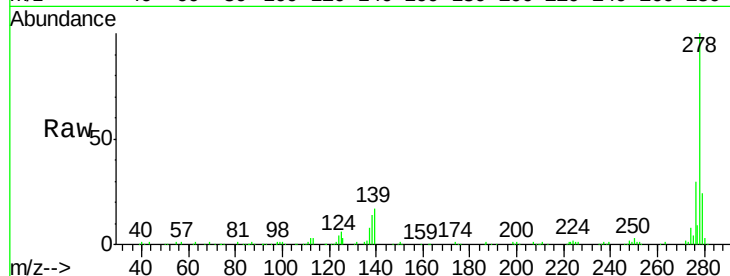




#90
Dibenzo(a,h)anthracene
Concen: 43.71 ng
RT: 23.92 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF077028.D
Acq: 23 Jan 2015 2:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 174612
Ion Ratio Lower Upper
278 100
139 16.9 10.5 15.7#
279 23.8 19.3 28.9



#91
Benzo(g,h,i)perylene
Concen: 44.12 ng
RT: 24.19 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF077028.D
Acq: 23 Jan 2015 2:52

Tgt Ion:276 Resp: 175222
Ion Ratio Lower Upper
276 100
277 22.6 19.5 29.3
138 20.2 15.0 22.6

