

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021015\
 Data File : BF077247.D
 Acq On : 10 Feb 2015 22:08
 Operator : TP/IZ
 Sample : G1254-02MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UB9BMSD

Quant Time: Feb 11 03:01:40 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 10 13:30:38 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	44911	20.00	ng	0.00
21) Naphthalene-d8	10.51	136	191542	20.00	ng	0.01
38) Acenaphthene-d10	14.63	164	104966	20.00	ng	0.00
63) Phenanthrene-d10	17.51	188	176706	20.00	ng	0.00
75) Chrysene-d12	21.03	240	172303	20.00	ng	0.01
86) Perylene-d12	22.66	264	153055	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.62	112	175484	64.24	ng	0.03
7) Phenol-d6	7.04	99	223477	64.85	ng	0.02
23) Nitrobenzene-d5	8.91	82	131673	38.08	ng	0.01
41) 2,4,6-Tribromophenol	16.39	330	47464	55.71	ng	0.01
44) 2-Fluorobiphenyl	13.16	172	297575	43.14	ng	0.00
78) Terphenyl-d14	19.76	244	299158	39.97	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.07	88	16376	14.00	ng	86
3) Pyridine	1.50	79	42994	14.21	ng	95
4) n-Nitrosodimethylamine	1.46	42	31208	20.82	ng	95
6) Aniline	6.89	93	47048	9.87	ng	97
8) 2-Chlorophenol	7.14	128	64889	20.61	ng	89
10) Phenol	7.06	94	70864	19.37	ng	89
11) bis(2-Chloroethyl)ether	7.15	93	60162	21.01	ng	89
12) 1,3-Dichlorobenzene	7.44	146	72664	20.28	ng	99
13) 1,4-Dichlorobenzene	7.64	146	73872	19.44	ng	98
14) 1,2-Dichlorobenzene	7.95	146	70755	20.21	ng	96
15) Benzyl Alcohol	8.05	79	58604	21.02	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.40	45	81292	21.12	ng	# 44
17) 2-Methylphenol	8.42	107	50625	19.67	ng	94
18) Hexachloroethane	8.69	117	22891	17.32	ng	94
19) n-Nitroso-di-n-propylamine	8.68	70	48335	20.04	ng	96
20) 3+4-Methylphenols	8.81	107	52695	15.46	ng	94
22) Acetophenone	8.60	105	101032	21.54	ng	94
24) Nitrobenzene	8.94	77	63109	17.92	ng	92
25) Isophorone	9.55	82	132656	21.07	ng	99
26) 2-Nitrophenol	9.70	139	15988	10.30	ng	95
27) 2,4-Dimethylphenol	10.00	122	57140	20.98	ng	98
28) bis(2-Chloroethoxy)methane	10.19	93	79038	22.09	ng	98
29) 2,4-Dichlorophenol	10.32	162	49590	19.53	ng	96
30) 1,2,4-Trichlorobenzene	10.42	180	58361	20.70	ng	94
31) Naphthalene	10.56	128	197059	19.98	ng	99
32) Benzoic acid	10.43	122	6428	4.26	ng	# 80
33) 4-Chloroaniline	10.82	127	61970	15.55	ng	99
34) Hexachlorobutadiene	10.92	225	34189	20.44	ng	96
35) Caprolactam	11.70	113	15321	20.50	ng	# 84
36) 4-Chloro-3-methylphenol	12.15	107	59862	20.60	ng	95
37) 2-Methylnaphthalene	12.21	142	138622	20.58	ng	96
39) 1,2,4,5-Tetrachlorobenzene	12.61	216	54108	20.85	ng	98
40) Hexachlorocyclopentadiene	12.60	237	17501	16.39	ng	96
42) 2,4,6-Trichlorophenol	12.98	196	37967	20.08	ng	94

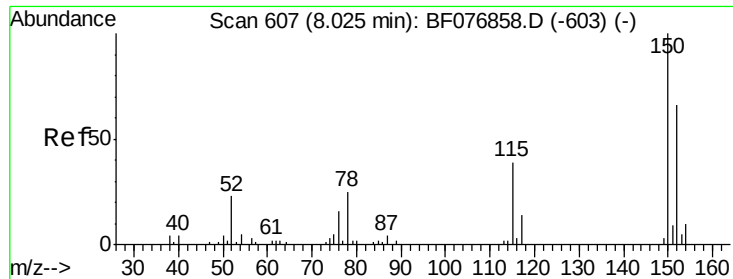
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021015\
 Data File : BF077247.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 10 13:30:38 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.08	196	36486	18.92	ng	# 94
45) 1,1'-Biphenyl	13.37	154	164958	21.20	ng	99
46) 2-Chloronaphthalene	13.33	162	129898	20.29	ng	99
47) 2-Nitroaniline	13.69	65	34288	17.65	ng	95
48) Acenaphthylene	14.28	152	207179	19.18	ng	97
49) Dimethylphthalate	14.25	163	178119	23.93	ng	99
50) 2,6-Dinitrotoluene	14.34	165	21276	14.31	ng	# 84
51) Acenaphthene	14.71	154	117313	19.14	ng	92
52) 3-Nitroaniline	14.69	138	34991	19.15	ng	96
53) 2,4-Dinitrophenol	15.04	184	222	12.02	ng	# 9
54) Dibenzofuran	15.13	168	183645	20.57	ng	98
55) 4-Nitrophenol	15.35	139	19329	16.57	ng	88
56) 2,4-Dinitrotoluene	15.28	165	26678	13.55	ng	94
57) Fluorene	15.89	166	154034	20.37	ng	96
58) 2,3,4,6-Tetrachlorophenol	15.51	232	27590	19.65	ng	91
59) Diethylphthalate	15.91	149	165292	21.97	ng	99
60) 4-Chlorophenyl-phenylether	16.00	204	65462	21.15	ng	91
61) 4-Nitroaniline	16.07	138	34724	19.40	ng	95
62) Azobenzene	16.29	77	166681	21.26	ng	97
64) 4,6-Dinitro-2-methylphenol	16.16	198	1190	4.28	ng	# 68
65) n-Nitrosodiphenylamine	16.26	169	126875	20.14	ng	96
66) 4-Bromophenyl-phenylether	16.88	248	36463	20.37	ng	88
67) Hexachlorobenzene	16.89	284	37784	20.03	ng	98
68) Atrazine	17.27	200	39827	20.83	ng	99
69) Pentachlorophenol	17.28	266	23096	31.30	ng	96
70) Phenanthrene	17.54	178	214001	19.42	ng	99
71) Anthracene	17.62	178	210072	19.55	ng	100
72) Carbazole	17.92	167	206225	19.79	ng	99
73) Di-n-butylphthalate	18.52	149	268335	22.24	ng	99
74) Fluoranthene	19.20	202	220589	19.54	ng	98
76) Benzidine	19.45	184	80436	14.59	ng	99
77) Pyrene	19.48	202	230844	19.55	ng	99
79) Butylbenzylphthalate	20.43	149	119432	22.33	ng	98
80) Benzo(a)anthracene	21.01	228	221595	20.50	ng	98
81) 3,3'-Dichlorobenzidine	21.03	252	66256	19.29	ng	99
82) Chrysene	21.05	228	183930	18.66	ng	96
83) Bis(2-ethylhexyl)phthalate	21.17	149	173400	23.43	ng	96
84) Di-n-octyl phthalate	21.93	149	295213	22.99	ng	97
85) Indeno(1,2,3-cd)pyrene	23.76	276	179207	17.15	ng	# 82
87) Benzo(b)fluoranthene	22.26	252	199935	19.40	ng	# 96
88) Benzo(k)fluoranthene	22.26	252	199935	22.20	ng	99
89) Benzo(a)pyrene	22.60	252	182437	20.06	ng	98
90) Dibenzo(a,h)anthracene	23.78	278	153753	18.43	ng	97
91) Benzo(g,h,i)perylene	24.02	276	146915	17.71	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.60 min Scan# 587

Delta R.T. 0.00 min

Lab File: BF077247.D

Acq: 10 Feb 2015 22:08

Instrument :

BNA_F

ClientSampleId :

UB9BMSD

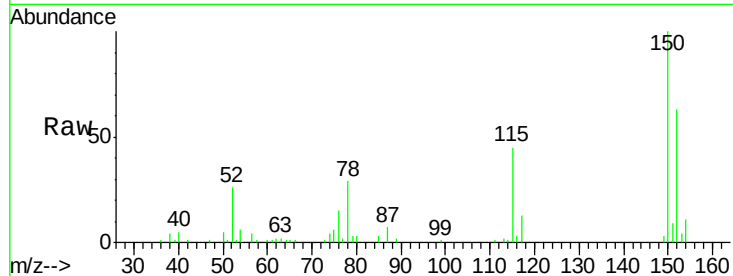
Tgt Ion:152 Resp: 44911

Ion Ratio Lower Upper

152 100

150 158.4 121.7 182.5

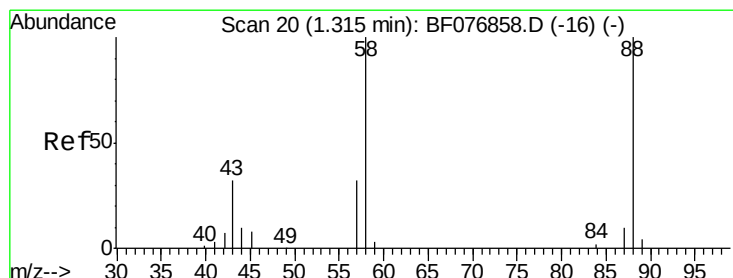
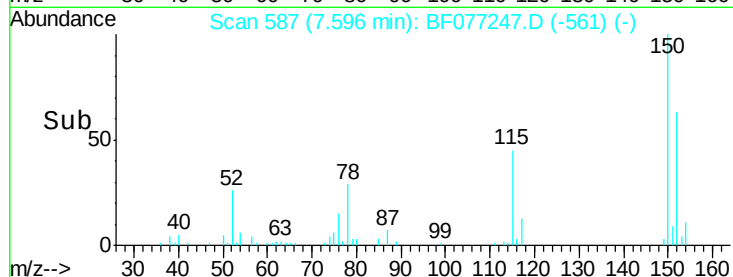
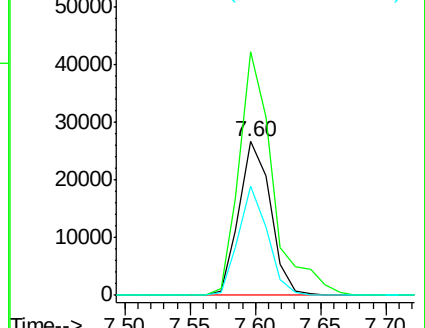
115 70.9 47.0 70.6#



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: 14.00 ng

RT: 1.07 min Scan# 16

Delta R.T. 0.02 min

Lab File: BF077247.D

Acq: 10 Feb 2015 22:08

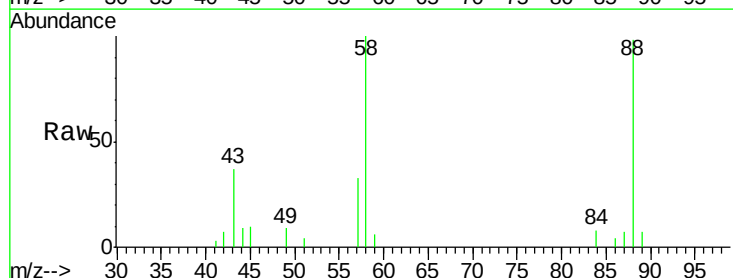
Tgt Ion: 88 Resp: 16376

Ion Ratio Lower Upper

88 100

58 112.9 77.0 115.4

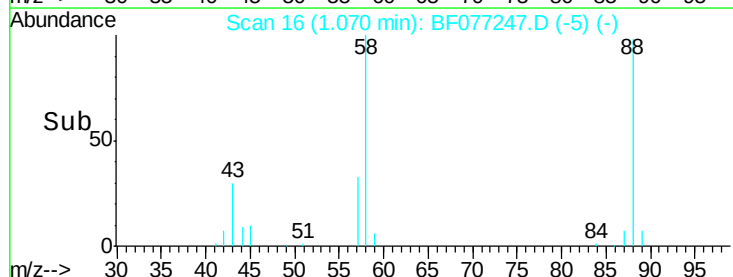
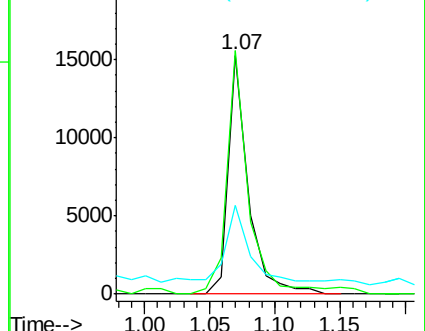
43 34.3 25.6 38.4

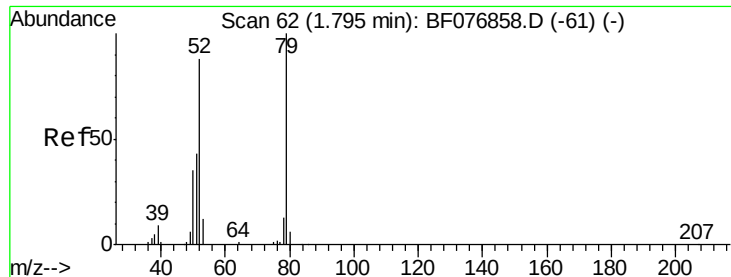


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 14.21 ng

RT: 1.50 min Scan# 54

Delta R.T. 0.03 min

Lab File: BF077247.D

Acq: 10 Feb 2015 22:08

Instrument :

BNA_F

ClientSampleId :

UB9BMSD

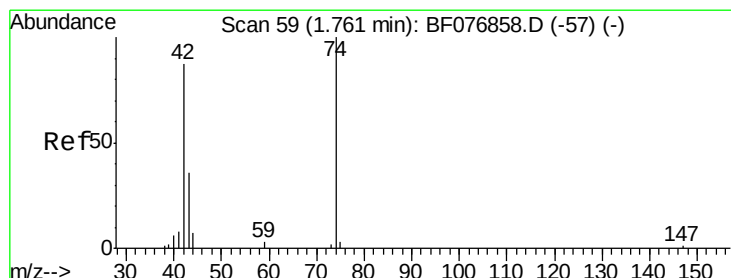
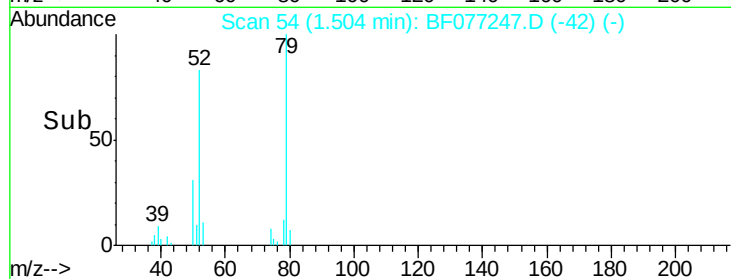
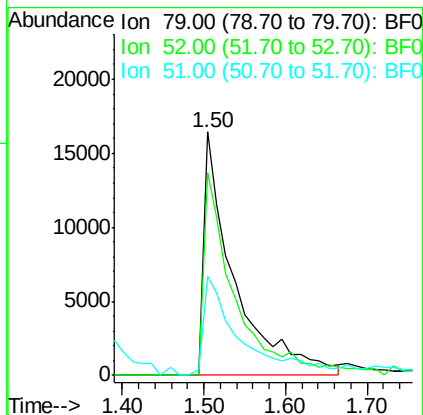
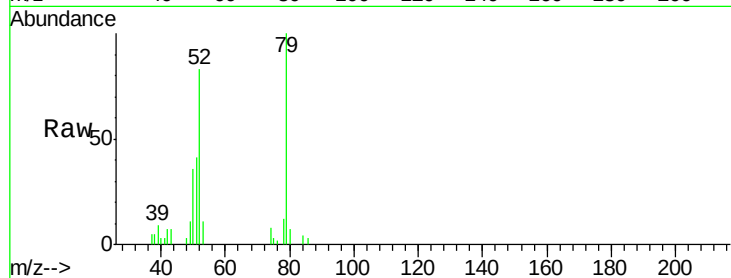
Tgt Ion: 79 Resp: 42994

Ion Ratio Lower Upper

79 100

52 83.2 70.1 105.1

51 40.7 35.1 52.7



#4

n-Nitrosodimethylamine

Concen: 20.82 ng

RT: 1.46 min Scan# 50

Delta R.T. 0.02 min

Lab File: BF077247.D

Acq: 10 Feb 2015 22:08

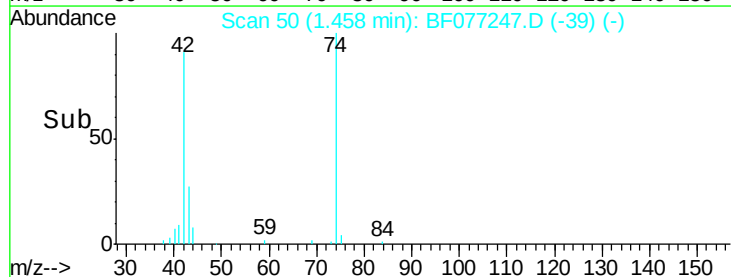
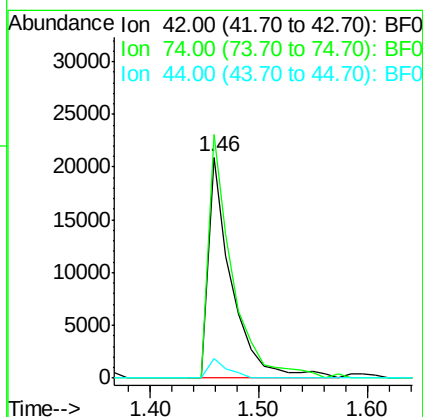
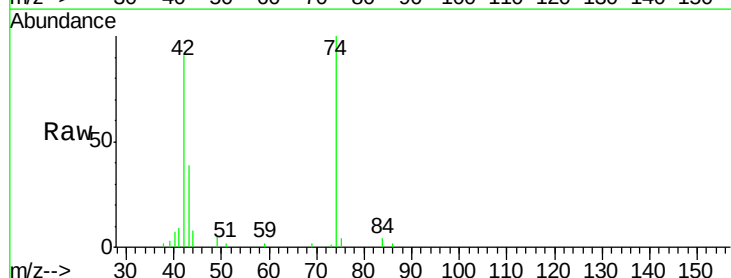
Tgt Ion: 42 Resp: 31208

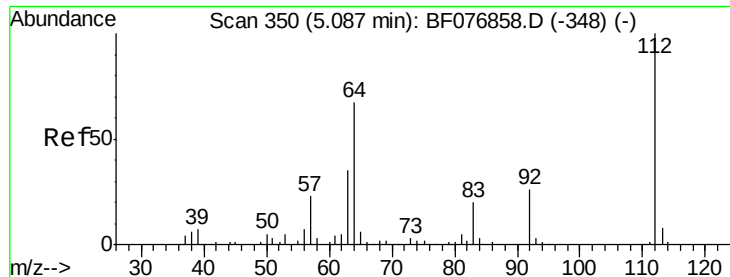
Ion Ratio Lower Upper

42 100

74 110.1 92.4 138.6

44 8.7 6.2 9.2





#5

2-Fluorophenol

Concen: 64.24 ng

RT: 4.62 min Scan# 327

Delta R.T. 0.03 min

Lab File: BF077247.D

Acq: 10 Feb 2015 22:08

Instrument :

BNA_F

ClientSampleId :

UB9BMSD

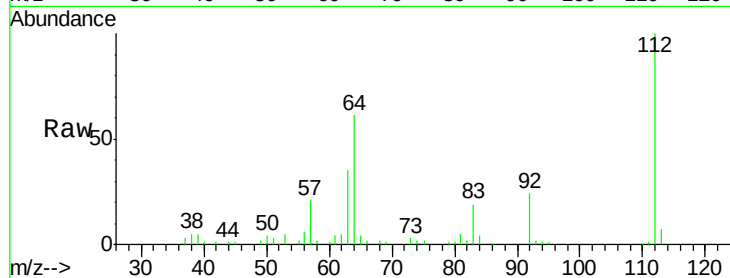
Tgt Ion: 112 Resp: 175484

Ion Ratio Lower Upper

112 100

64 61.3 54.2 81.4

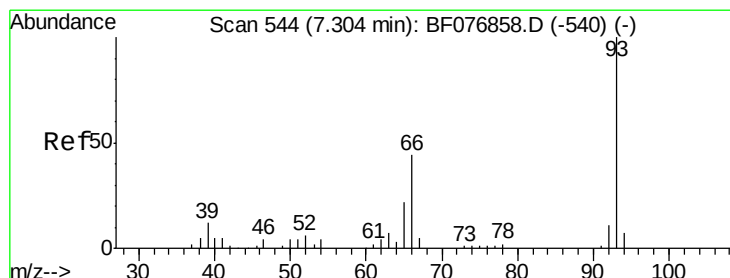
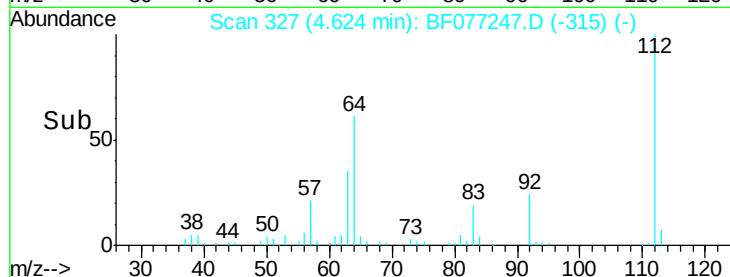
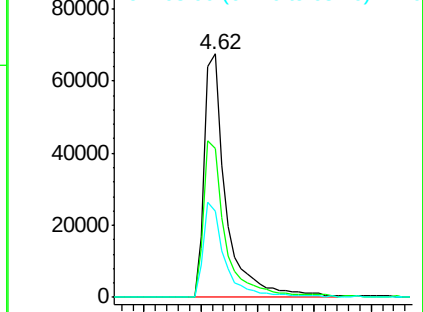
63 35.4 28.4 42.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 9.87 ng

RT: 6.89 min Scan# 525

Delta R.T. 0.01 min

Lab File: BF077247.D

Acq: 10 Feb 2015 22:08

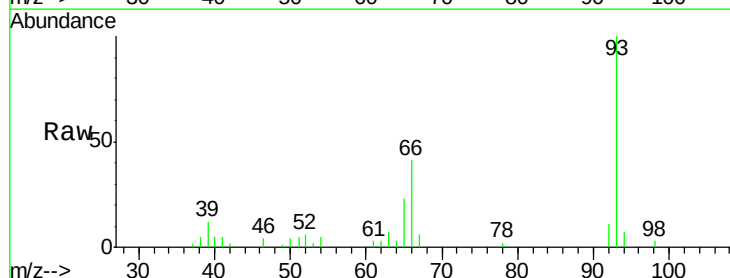
Tgt Ion: 93 Resp: 47048

Ion Ratio Lower Upper

93 100

66 40.9 35.0 52.4

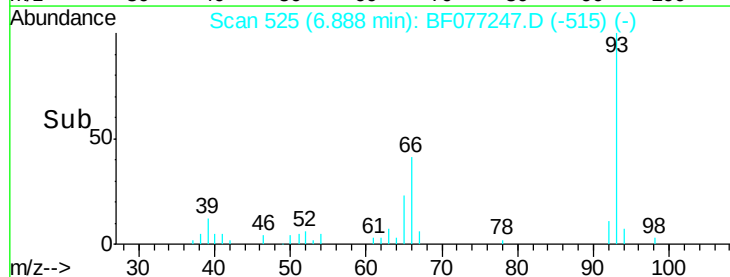
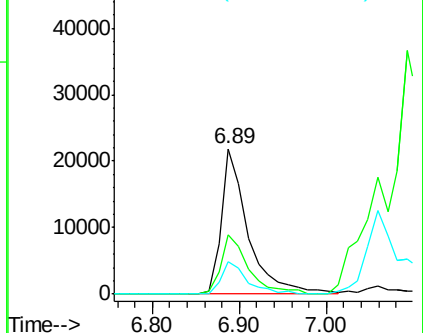
65 22.7 17.7 26.5

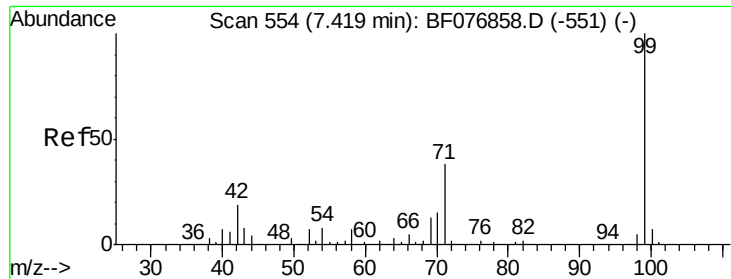


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 64.85 ng

RT: 7.04 min Scan# 538

Delta R.T. 0.02 min

Lab File: BF077247.D

Acq: 10 Feb 2015 22:08

Instrument :

BNA_F

ClientSampleId :

UB9BMSD

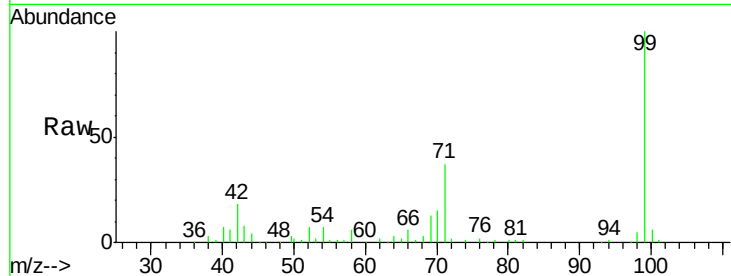
Tgt Ion: 99 Resp: 223477

Ion Ratio Lower Upper

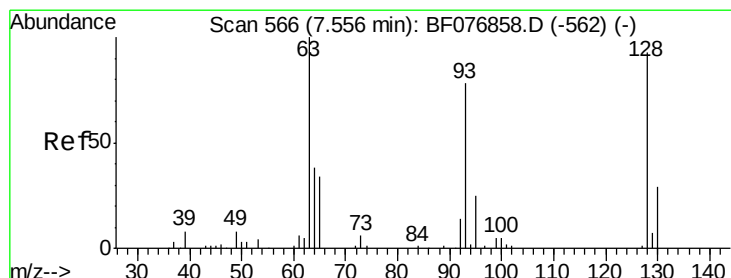
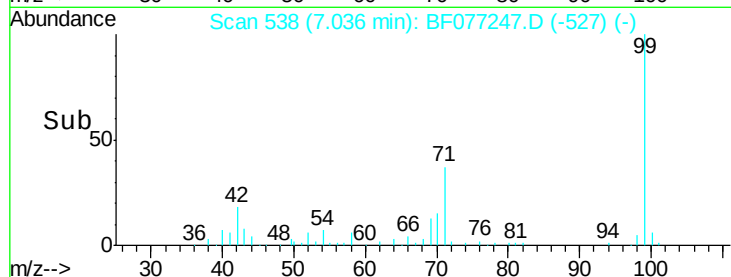
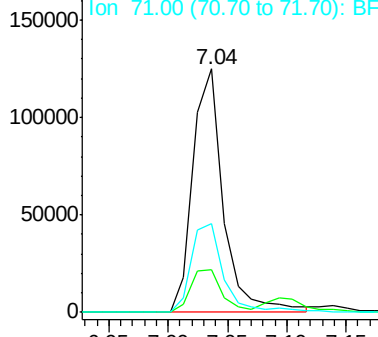
99 100

42 17.8 15.0 22.4

71 36.7 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: 20.61 ng

RT: 7.14 min Scan# 547

Delta R.T. 0.01 min

Lab File: BF077247.D

Acq: 10 Feb 2015 22:08

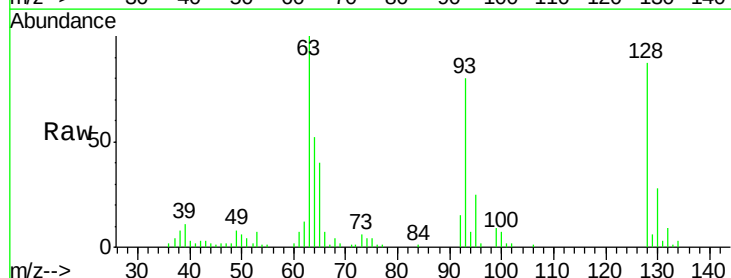
Tgt Ion: 128 Resp: 64889

Ion Ratio Lower Upper

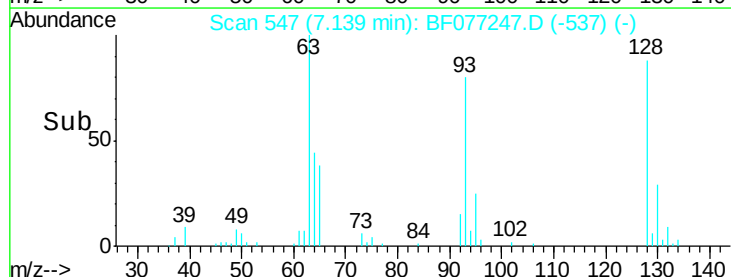
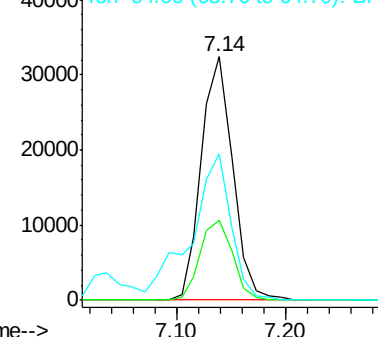
128 100

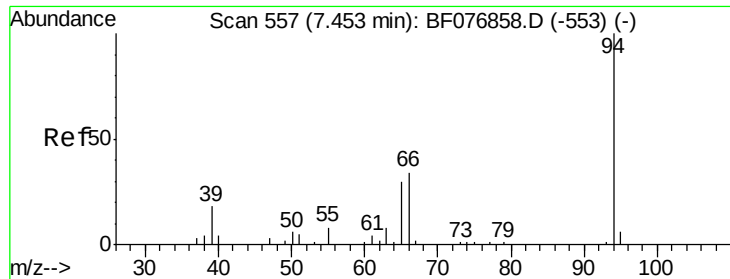
130 32.6 11.0 51.0

64 59.9 29.3 69.3



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





#10

Phenol

Concen: 19.37 ng

RT: 7.06 min Scan# 540

Delta R.T. 0.02 min

Lab File: BF077247.D

Acq: 10 Feb 2015 22:08

Instrument :

BNA_F

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UB9BMSD

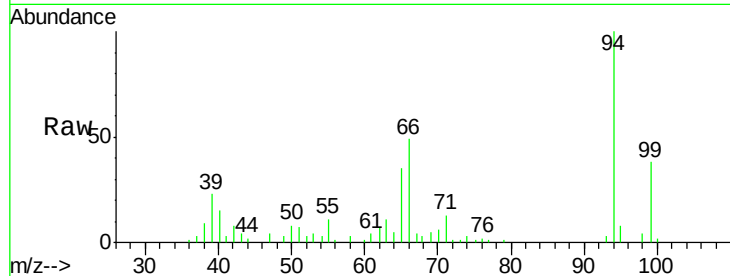
Tgt Ion: 94 Resp: 70864

Ion Ratio Lower Upper

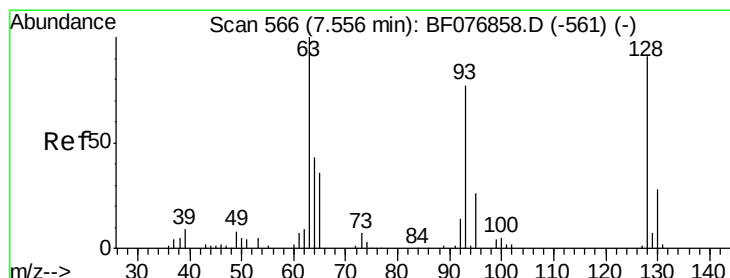
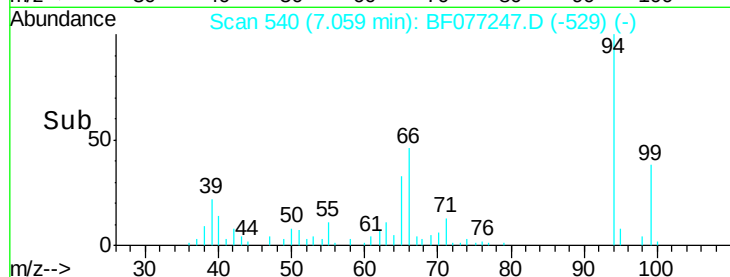
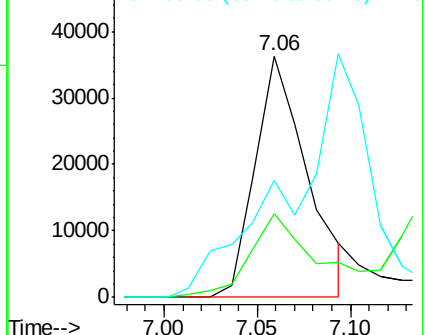
94 100

65 34.7 11.3 51.3

66 48.8 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: 21.01 ng

RT: 7.15 min Scan# 548

Delta R.T. 0.01 min

Lab File: BF077247.D

Acq: 10 Feb 2015 22:08

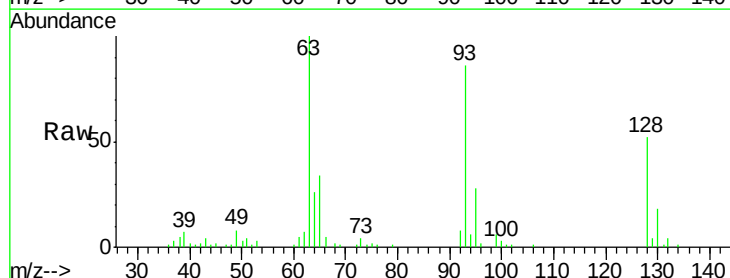
Tgt Ion: 93 Resp: 60162

Ion Ratio Lower Upper

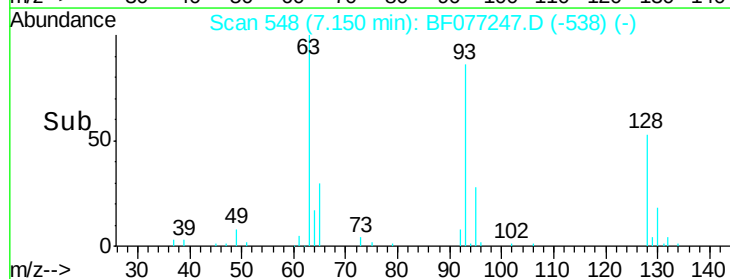
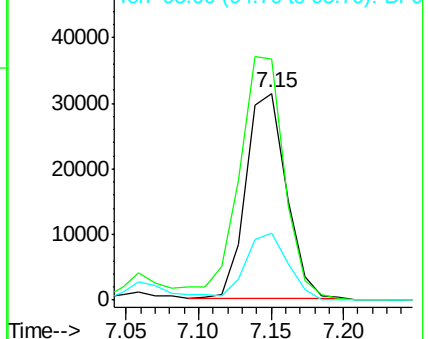
93 100

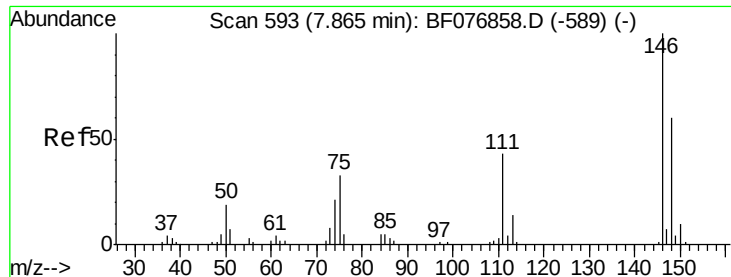
63 116.5 111.3 151.3

95 32.4 13.8 53.8



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0

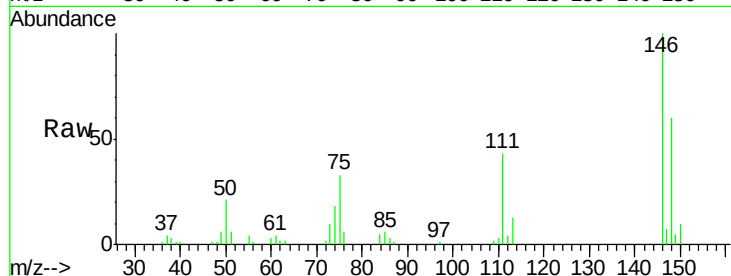




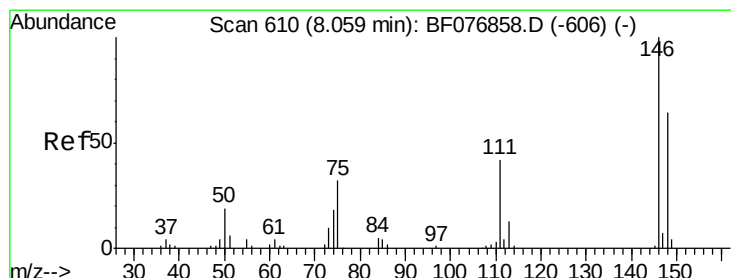
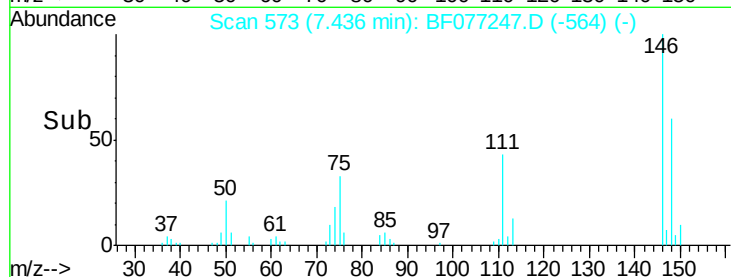
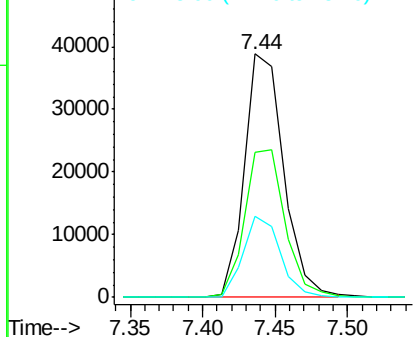
#12
 1,3-Dichlorobenzene
 Concen: 20.28 ng
 RT: 7.44 min Scan# 573
 Delta R.T. 0.00 min
 Lab File: BF077247.D
 Acq: 10 Feb 2015 22:08

Instrument :
 BNA_F
 ClientSampleId :
 UB9BMSD

Tgt Ion:146 Resp: 72664
 Ion Ratio Lower Upper
 146 100
 148 59.6 48.1 72.1
 75 33.2 26.8 40.2

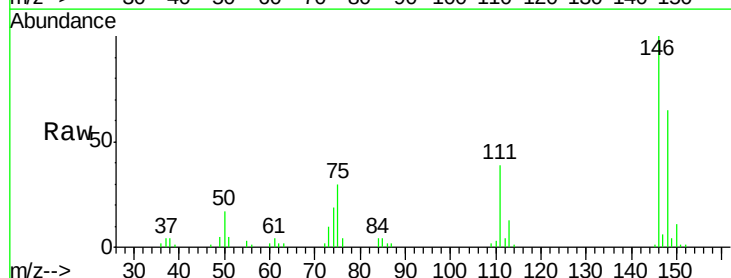


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

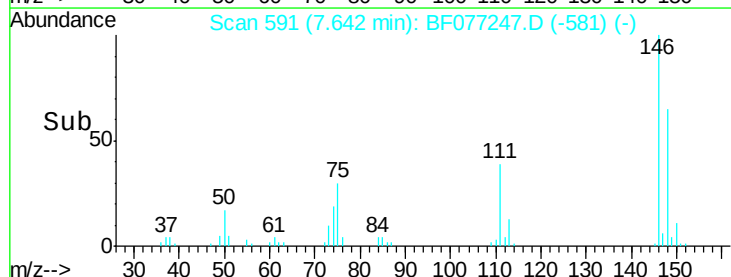
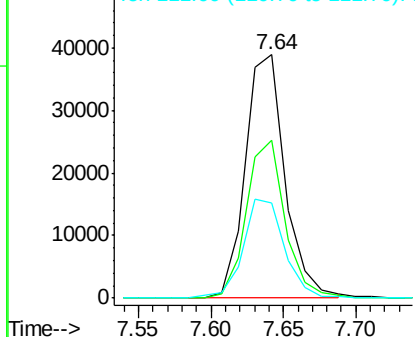


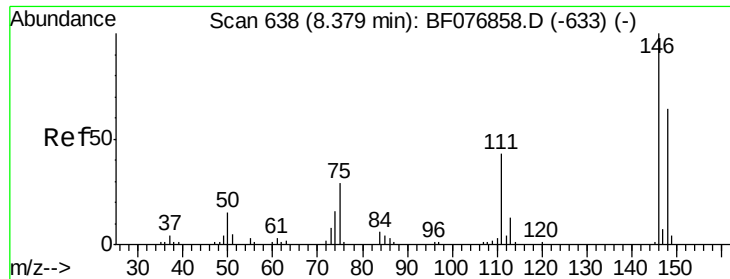
#13
 1,4-Dichlorobenzene
 Concen: 19.44 ng
 RT: 7.64 min Scan# 591
 Delta R.T. 0.01 min
 Lab File: BF077247.D
 Acq: 10 Feb 2015 22:08

Tgt Ion:146 Resp: 73872
 Ion Ratio Lower Upper
 146 100
 148 64.7 51.5 77.3
 111 39.2 33.9 50.9



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

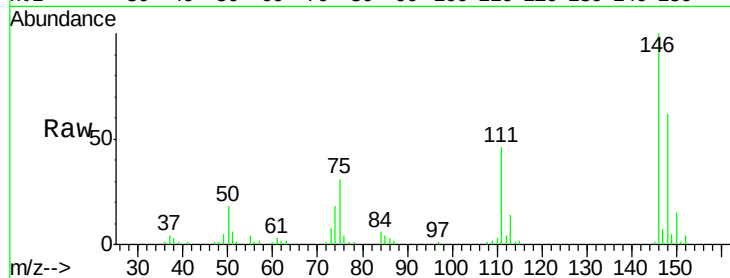




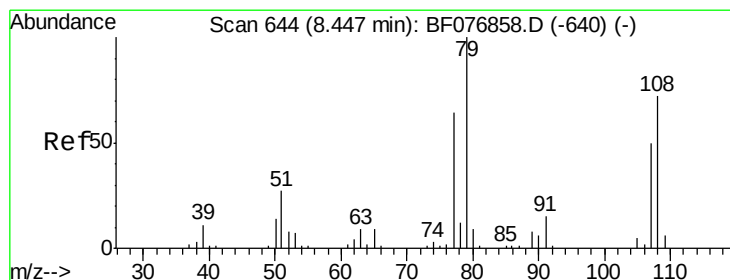
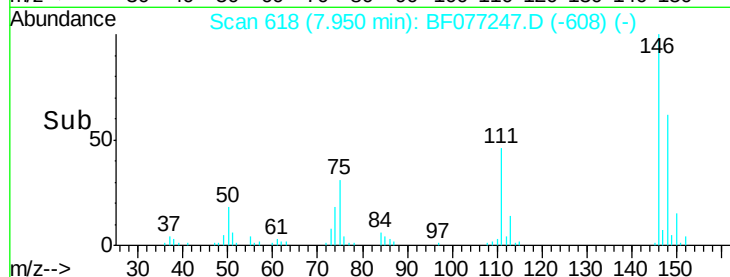
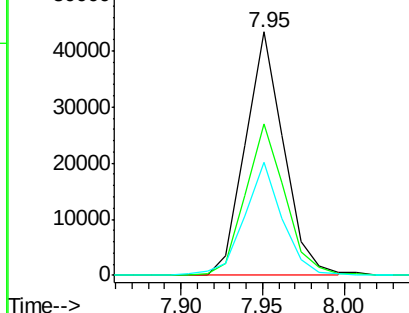
#14
 1,2-Dichlorobenzene
 Concen: 20.21 ng
 RT: 7.95 min Scan# 618
 Delta R.T. 0.01 min
 Lab File: BF077247.D
 Acq: 10 Feb 2015 22:08

Instrument :
 BNA_F
 ClientSampleId :
 UB9BMSD

Tgt Ion: 146 Resp: 70755
 Ion Ratio Lower Upper
 146 100
 148 62.1 51.3 76.9
 111 46.3 34.5 51.7

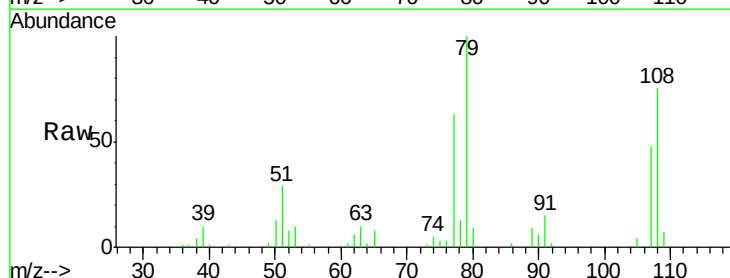


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

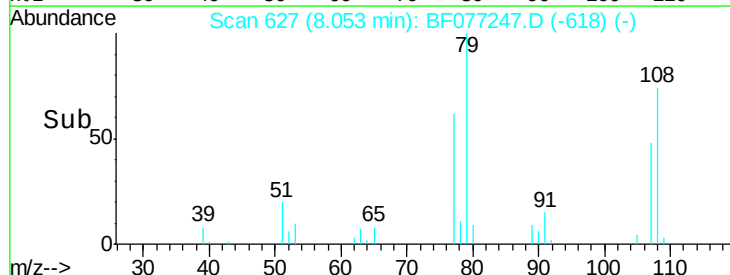
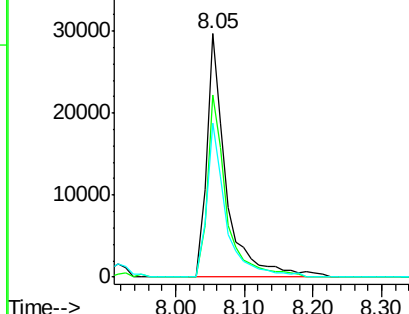


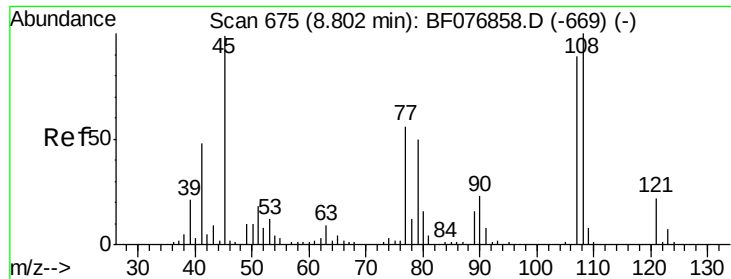
#15
 Benzyl Alcohol
 Concen: 21.02 ng
 RT: 8.05 min Scan# 627
 Delta R.T. 0.00 min
 Lab File: BF077247.D
 Acq: 10 Feb 2015 22:08

Tgt Ion: 79 Resp: 58604
 Ion Ratio Lower Upper
 79 100
 108 75.0 57.2 85.8
 77 63.3 51.2 76.8



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

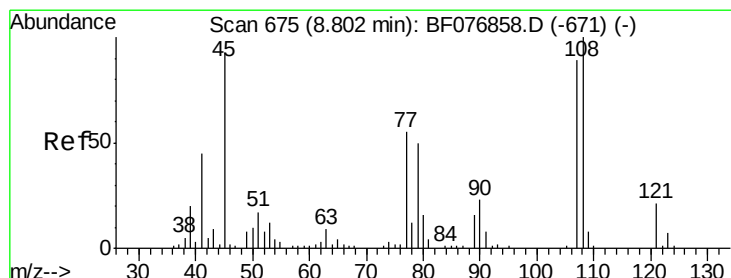
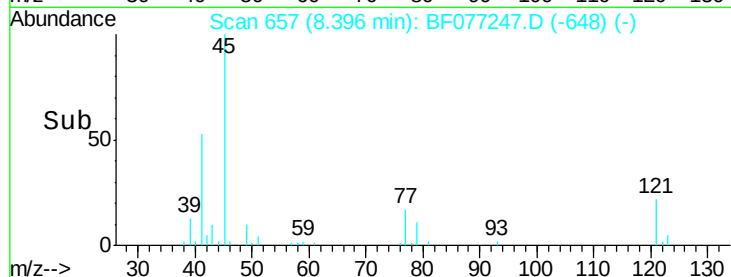
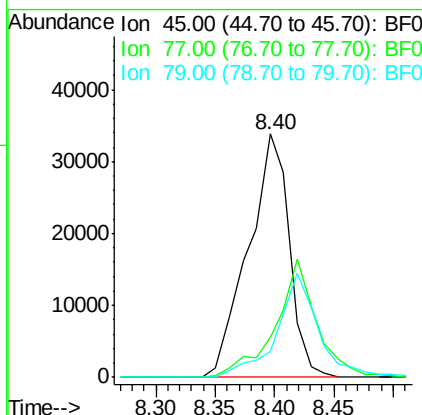
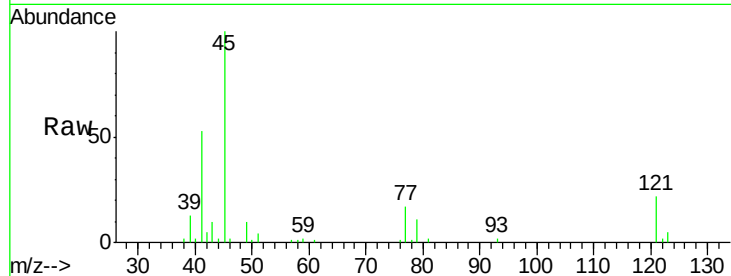




#16
 2,2'-oxybis(1-chloropropane)
 Concen: 21.12 ng
 RT: 8.40 min Scan# 657
 Delta R.T. 0.00 min
 Lab File: BF077247.D
 Acq: 10 Feb 2015 22:08

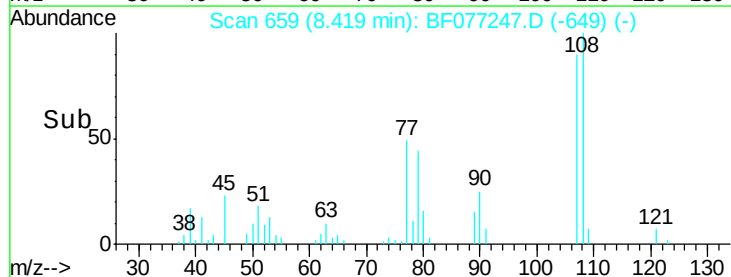
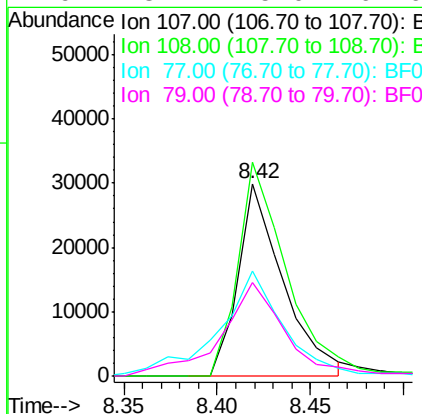
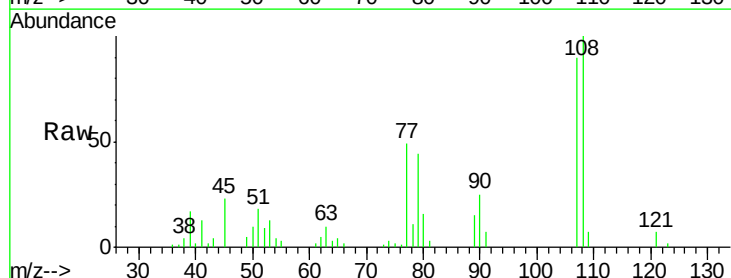
Instrument :
 BNA_F
 ClientSampleId :
 UB9BMSD

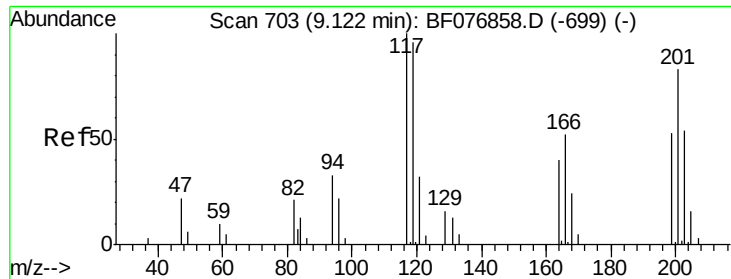
Tgt Ion: 45 Resp: 81292
 Ion Ratio Lower Upper
 45 100
 77 16.5 36.1 76.1#
 79 10.6 30.5 70.5#



#17
 2-Methylphenol
 Concen: 19.67 ng
 RT: 8.42 min Scan# 659
 Delta R.T. 0.01 min
 Lab File: BF077247.D
 Acq: 10 Feb 2015 22:08

Tgt Ion: 107 Resp: 50625
 Ion Ratio Lower Upper
 107 100
 108 111.2 89.7 134.5
 77 54.9 50.1 75.1
 79 48.4 45.0 67.6

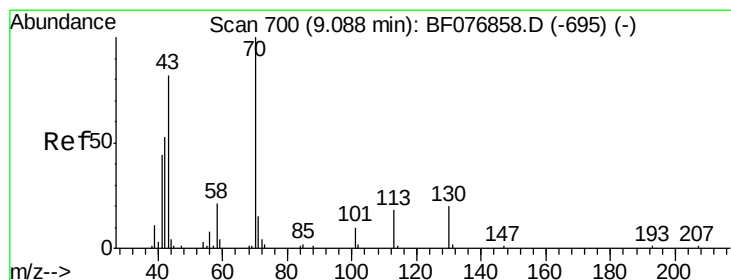
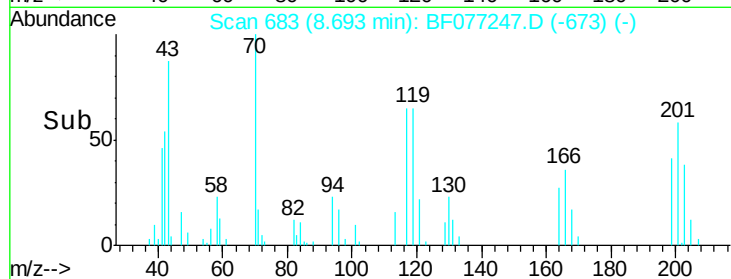
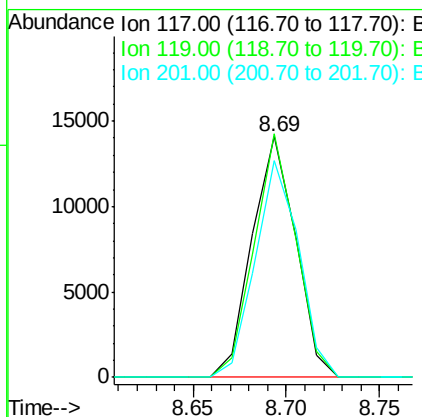
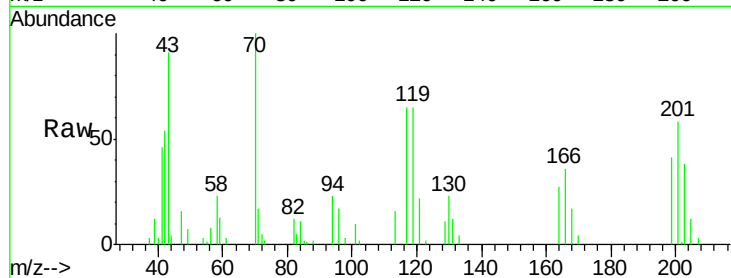




#18
Hexachloroethane
Concen: 17.32 ng
RT: 8.69 min Scan# 683
Delta R.T. 0.01 min
Lab File: BF077247.D
Acq: 10 Feb 2015 22:08

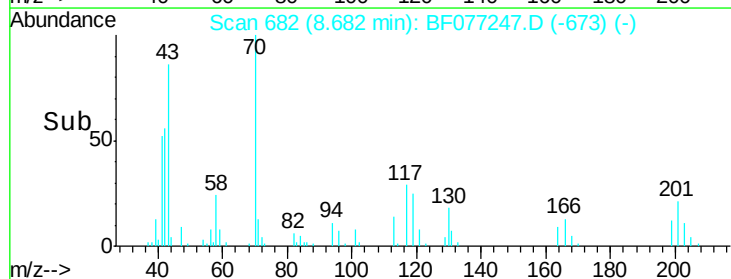
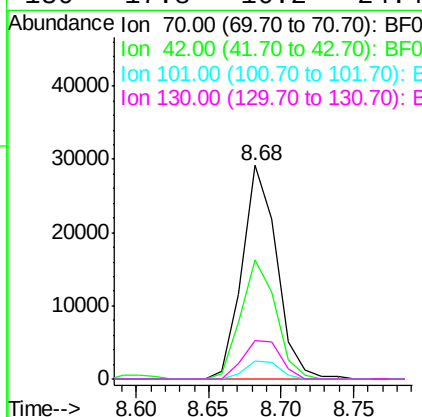
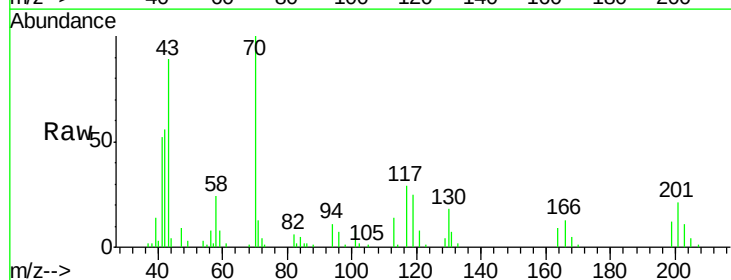
Instrument :
BNA_F
ClientSampleId :
UB9BMSD

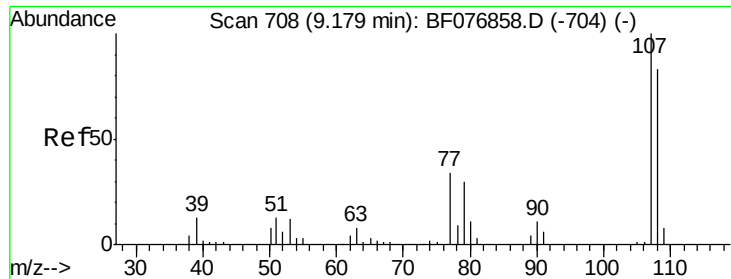
Tgt Ion: 117 Resp: 22891
Ion Ratio Lower Upper
117 100
119 101.3 77.1 115.7
201 90.3 66.8 100.2



#19
n-Nitroso-di-n-propylamine
Concen: 20.04 ng
RT: 8.68 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF077247.D
Acq: 10 Feb 2015 22:08

Tgt Ion: 70 Resp: 48335
Ion Ratio Lower Upper
70 100
42 55.6 42.1 63.1
101 8.3 7.8 11.8
130 17.8 16.2 24.4

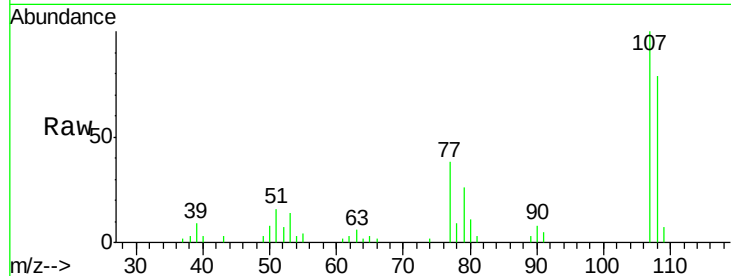




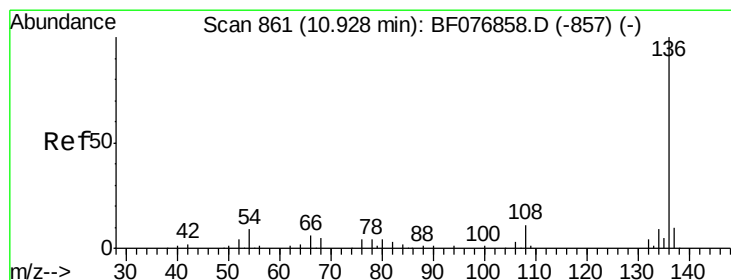
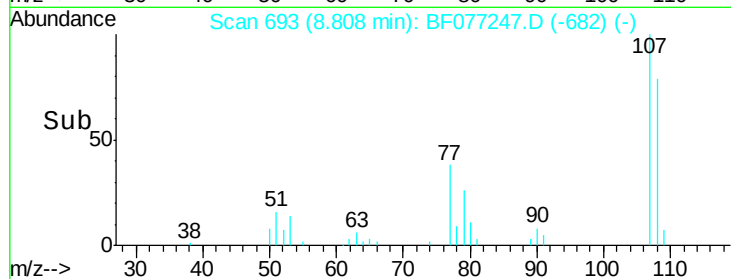
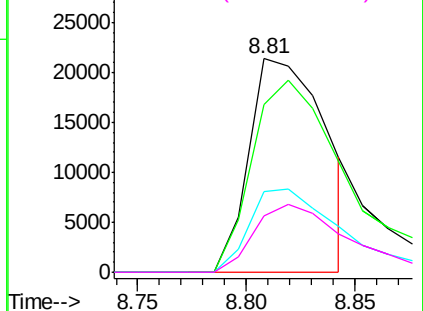
#20
3+4-Methylphenols
Concen: 15.46 ng
RT: 8.81 min Scan# 693
Delta R.T. 0.02 min
Lab File: BF077247.D
Acq: 10 Feb 2015 22:08

Instrument :
BNA_F
ClientSampleId :
UB9BMSD

Tgt Ion:	107	Resp:	52695
Ion	Ratio	Lower	Upper
107	100		
108	78.6	63.5	103.5
77	37.9	14.0	54.0
79	26.3	9.9	49.9

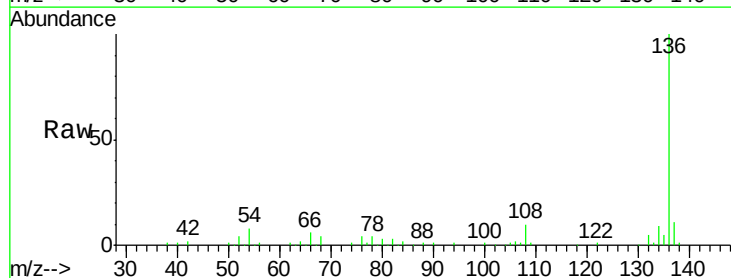


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

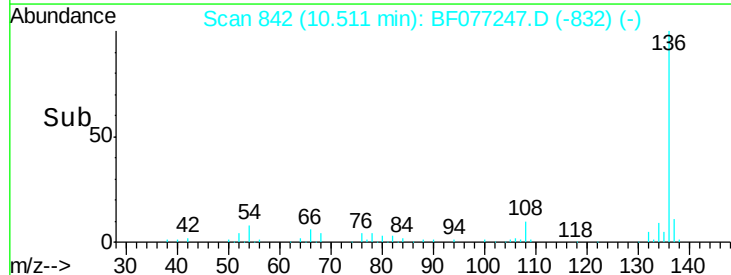
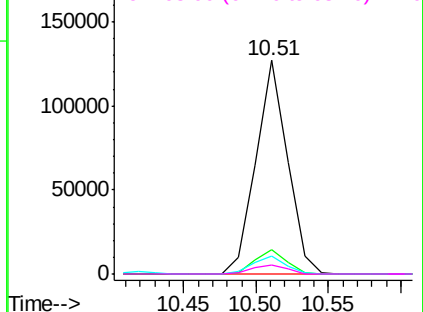


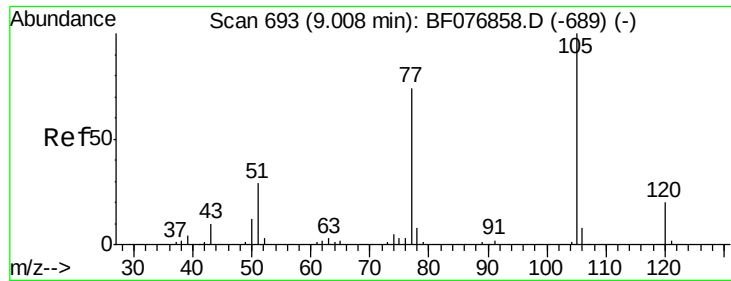
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.51 min Scan# 842
Delta R.T. 0.01 min
Lab File: BF077247.D
Acq: 10 Feb 2015 22:08

Tgt Ion:	136	Resp:	191542
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.1	12.1
54	8.4	7.0	10.4
68	4.1	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

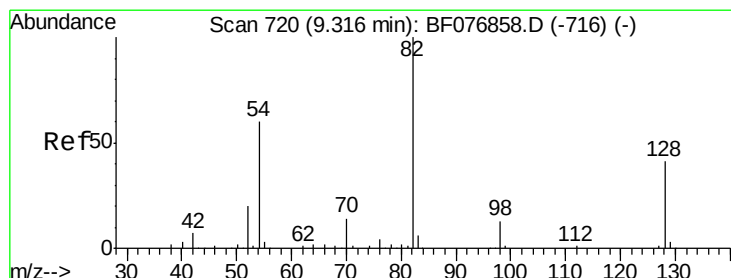
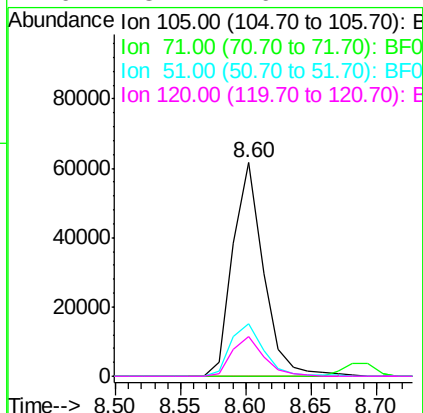
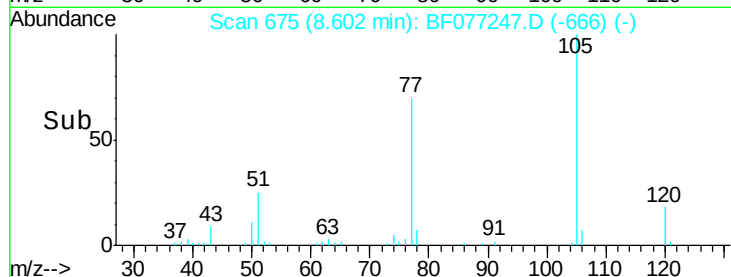
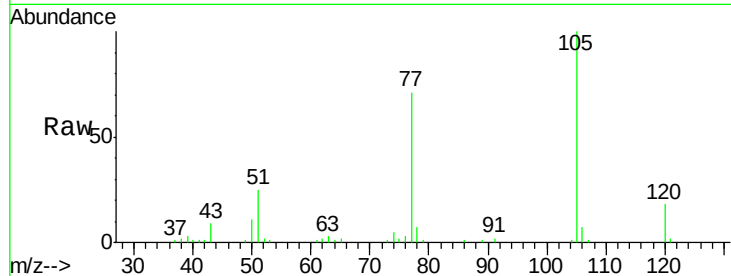




#22
 Acetophenone
 Concen: 21.54 ng
 RT: 8.60 min Scan# 675
 Delta R.T. 0.00 min
 Lab File: BF077247.D
 Acq: 10 Feb 2015 22:08

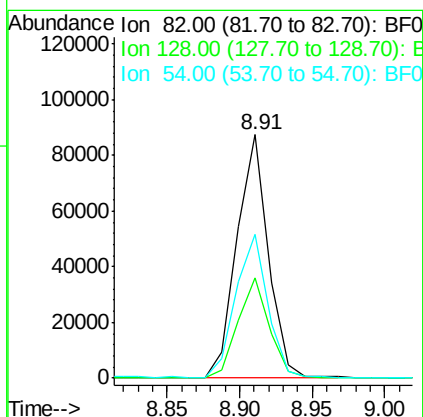
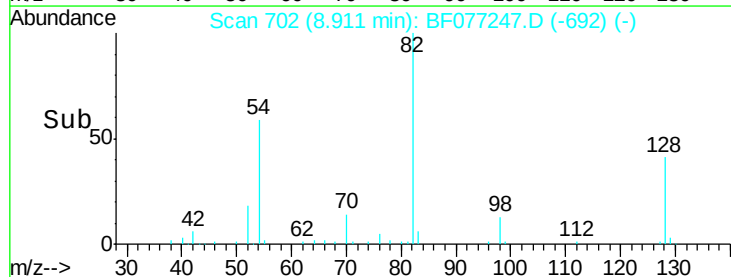
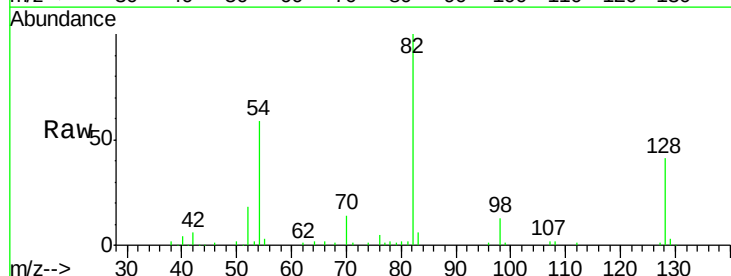
Instrument :
 BNA_F
 ClientSampleId :
 UB9BMSD

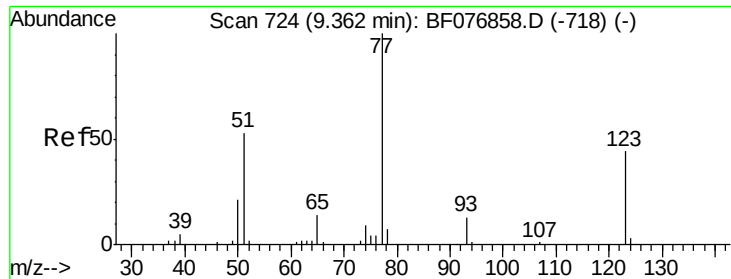
Tgt Ion:	105	Resp:	101032
Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.0	0.0
51	24.7	23.3	34.9
120	18.4	16.1	24.1



#23
 Nitrobenzene-d5
 Concen: 38.08 ng
 RT: 8.91 min Scan# 702
 Delta R.T. 0.01 min
 Lab File: BF077247.D
 Acq: 10 Feb 2015 22:08

Tgt Ion:	82	Resp:	131673
Ion	Ratio	Lower	Upper
82	100		
128	41.2	33.1	49.7
54	59.1	48.3	72.5

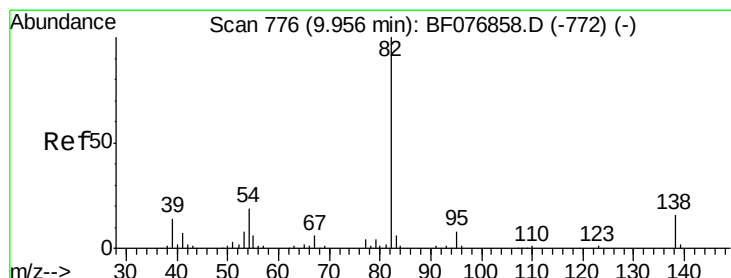
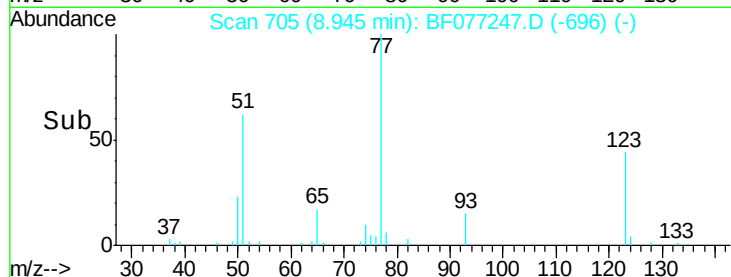
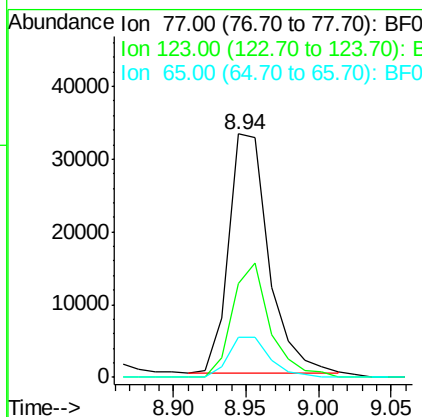
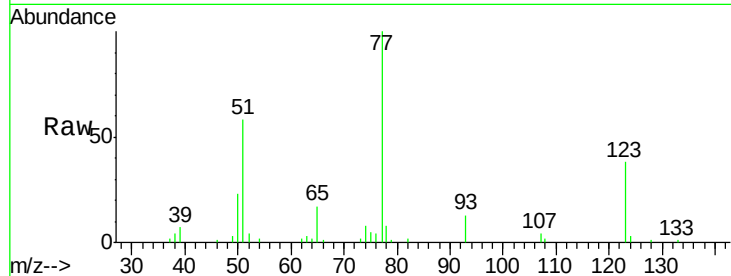




#24
 Nitrobenzene
 Concen: 17.92 ng
 RT: 8.94 min Scan# 705
 Delta R.T. 0.00 min
 Lab File: BF077247.D
 Acq: 10 Feb 2015 22:08

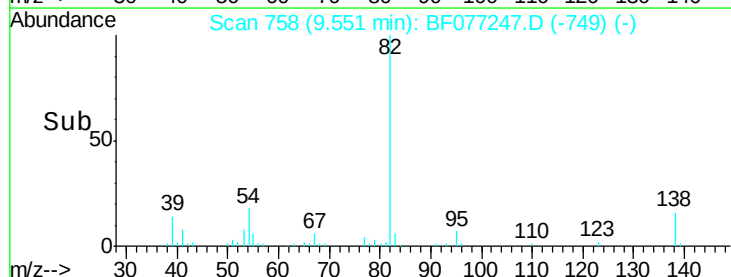
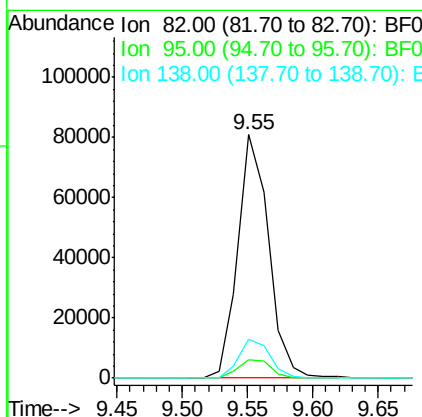
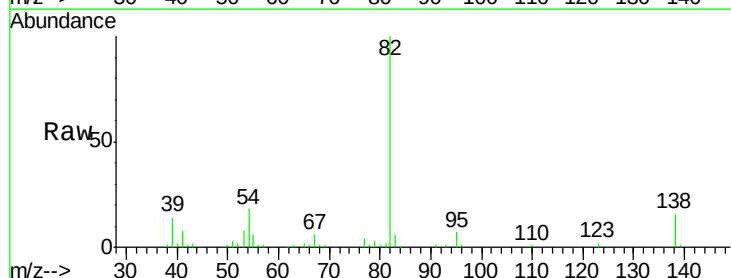
Instrument :
 BNA_F
 ClientSampleId :
 UB9BMSD

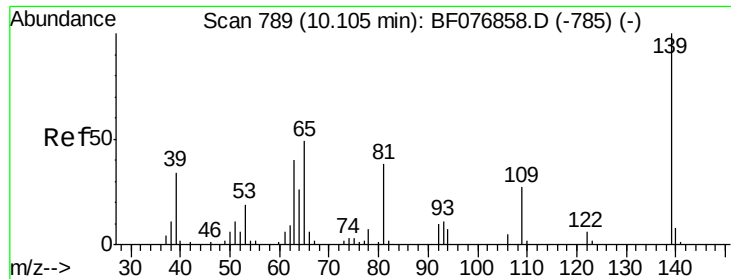
Tgt Ion: 77 Resp: 63109
 Ion Ratio Lower Upper
 77 100
 123 38.4 35.2 52.8
 65 16.6 11.4 17.2



#25
 Isophorone
 Concen: 21.07 ng
 RT: 9.55 min Scan# 758
 Delta R.T. 0.00 min
 Lab File: BF077247.D
 Acq: 10 Feb 2015 22:08

Tgt Ion: 82 Resp: 132656
 Ion Ratio Lower Upper
 82 100
 95 7.5 6.6 10.0
 138 15.9 12.6 18.8

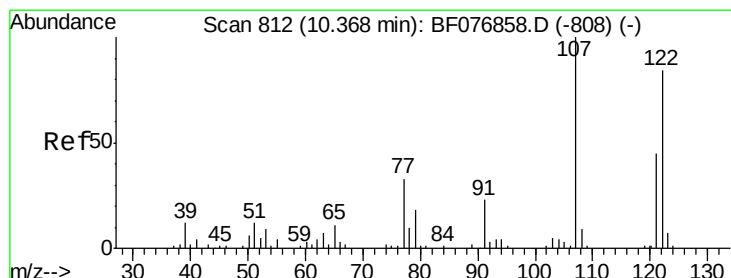
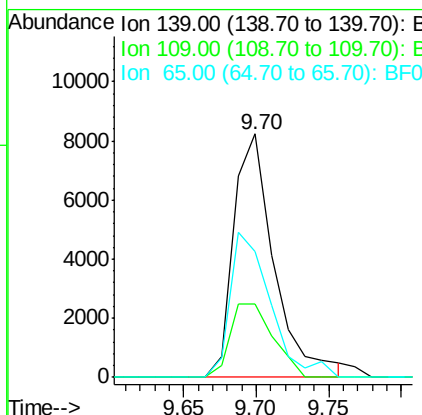
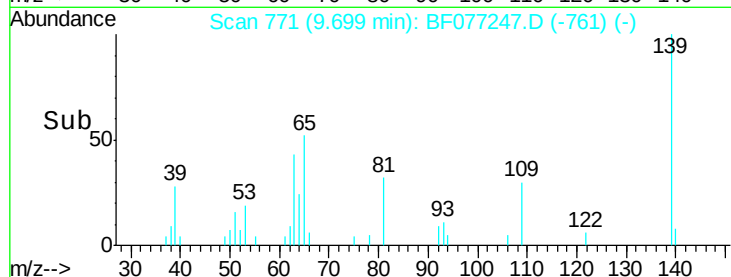
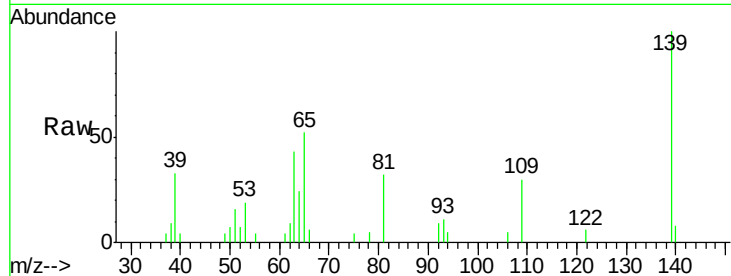




#26
 2-Nitrophenol
 Concen: 10.30 ng
 RT: 9.70 min Scan# 771
 Delta R.T. 0.01 min
 Lab File: BF077247.D
 Acq: 10 Feb 2015 22:08

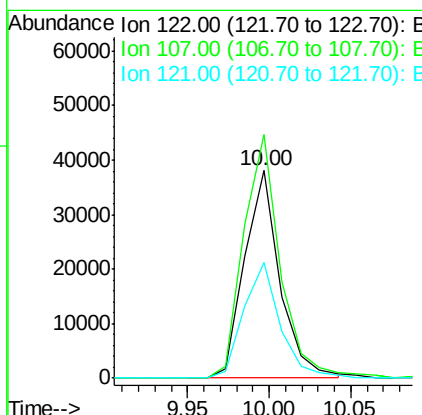
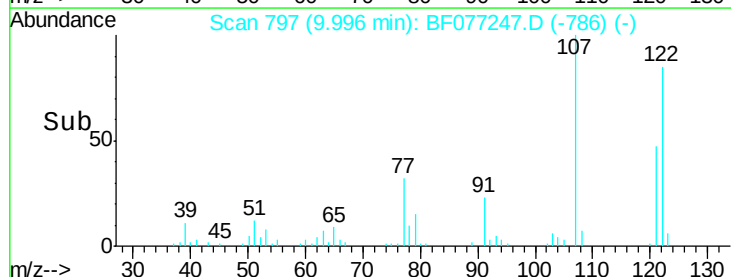
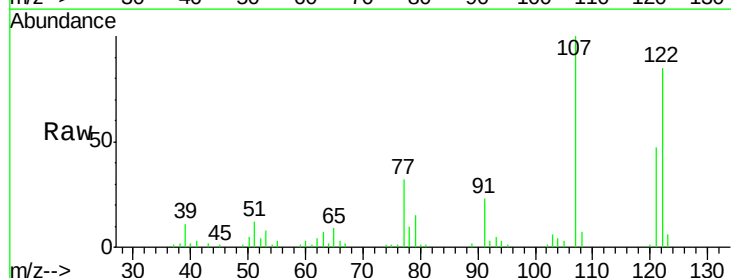
Instrument :
 BNA_F
 ClientSampleId :
 UB9BMSD

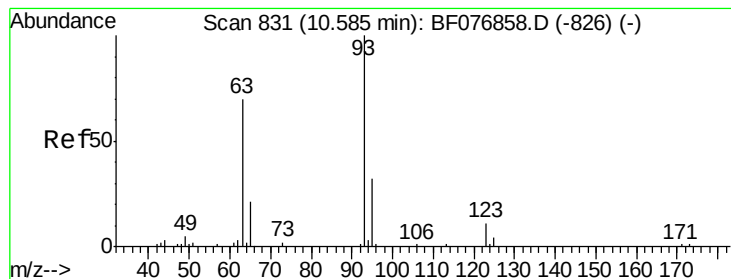
Tgt Ion	Ratio	Lower	Upper
139	100		
109	30.2	21.3	31.9
65	51.9	39.4	59.0



#27
 2,4-Dimethylphenol
 Concen: 20.98 ng
 RT: 10.00 min Scan# 797
 Delta R.T. 0.02 min
 Lab File: BF077247.D
 Acq: 10 Feb 2015 22:08

Tgt Ion	Ratio	Lower	Upper
122	100		
107	117.2	95.2	142.8
121	55.6	42.9	64.3





#28

bis(2-Chloroethoxy)methane

Concen: 22.09 ng

RT: 10.19 min Scan# 814

Delta R.T. 0.01 min

Lab File: BF077247.D

Acq: 10 Feb 2015 22:08

Instrument :

BNA_F

ClientSampleId :

UB9BMSD

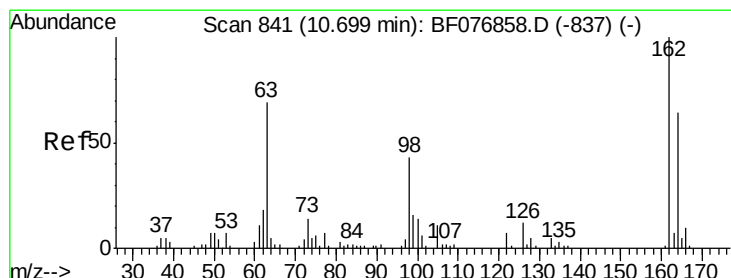
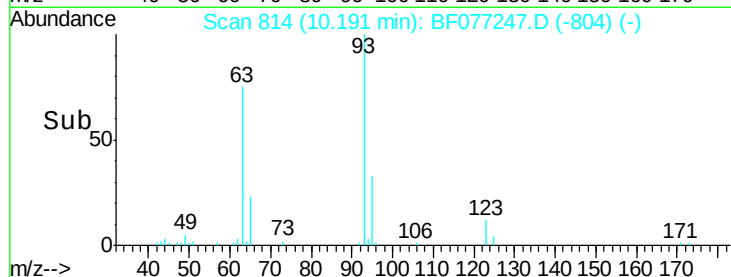
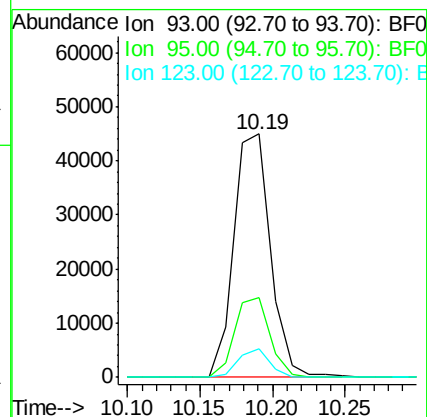
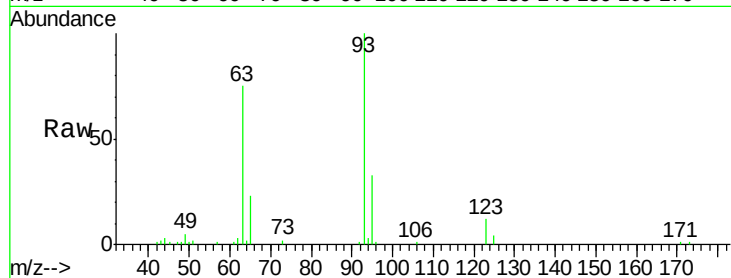
Tgt Ion: 93 Resp: 79038

Ion Ratio Lower Upper

93 100

95 33.0 25.6 38.4

123 11.8 8.9 13.3



#29

2,4-Dichlorophenol

Concen: 19.53 ng

RT: 10.32 min Scan# 825

Delta R.T. 0.01 min

Lab File: BF077247.D

Acq: 10 Feb 2015 22:08

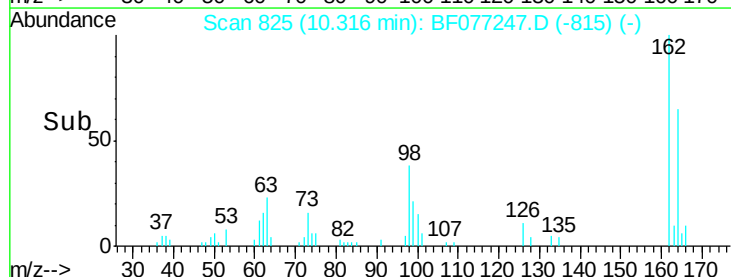
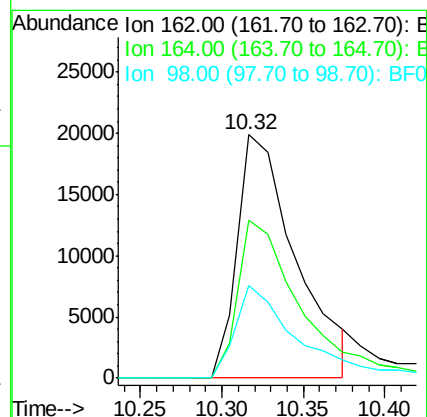
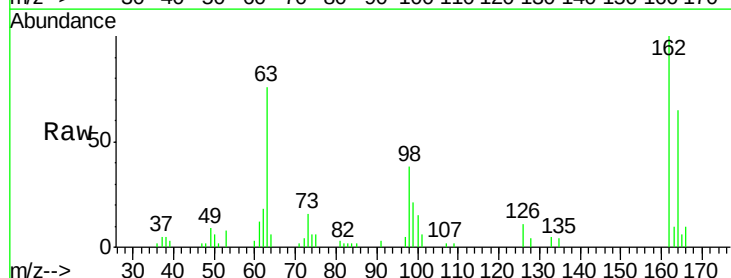
Tgt Ion: 162 Resp: 49590

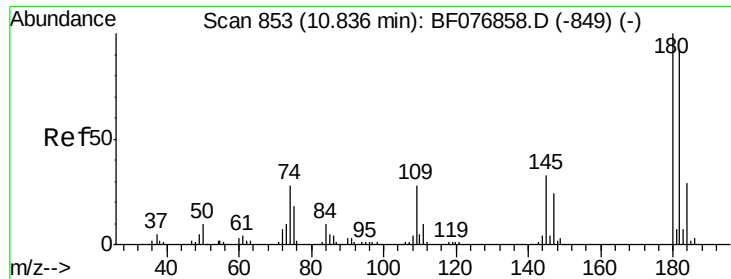
Ion Ratio Lower Upper

162 100

164 64.7 43.8 83.8

98 38.0 22.5 62.5

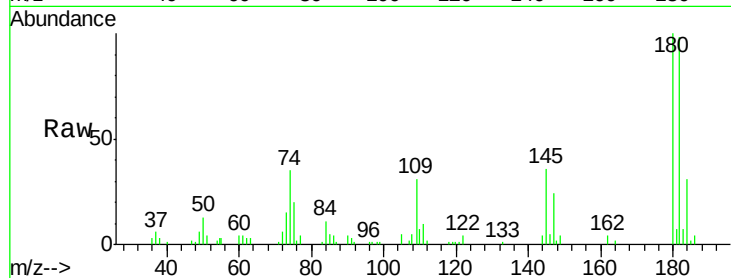




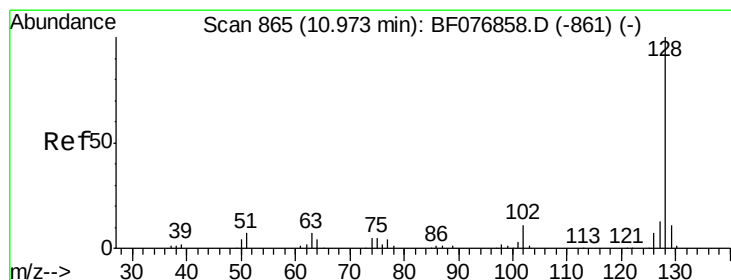
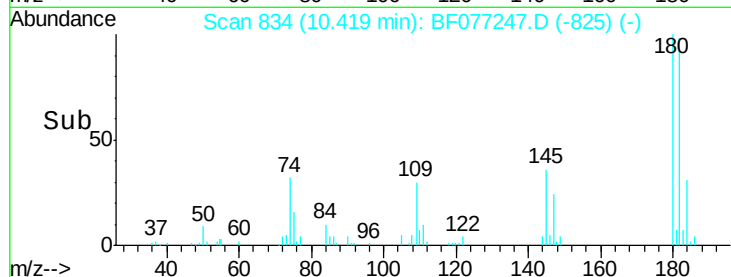
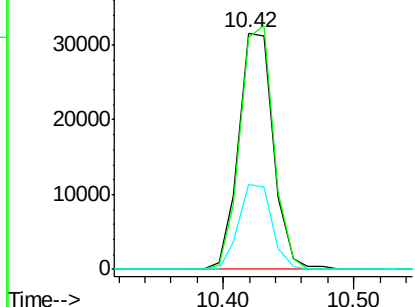
#30
 1,2,4-Trichlorobenzene
 Concen: 20.70 ng
 RT: 10.42 min Scan# 834
 Delta R.T. 0.00 min
 Lab File: BF077247.D
 Acq: 10 Feb 2015 22:08

Instrument :
 BNA_F
 ClientSampleId :
 UB9BMSD

Tgt Ion:180 Resp: 58361
 Ion Ratio Lower Upper
 180 100
 182 98.3 73.6 110.4
 145 35.7 26.6 39.8

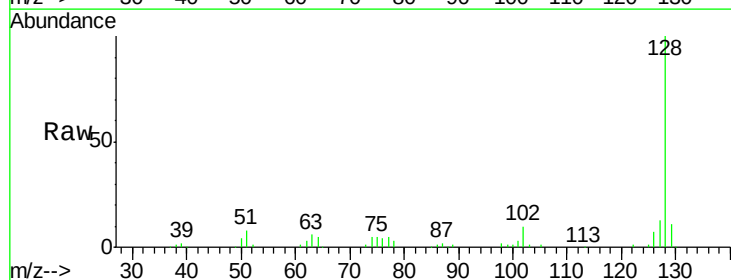


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

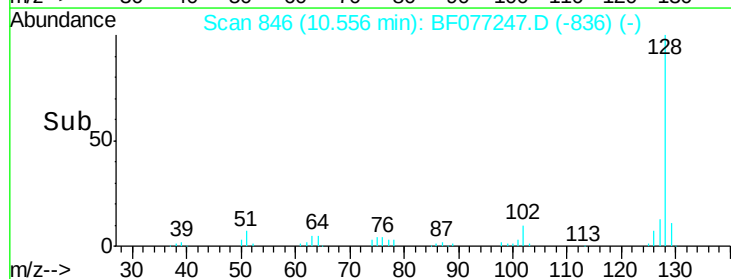
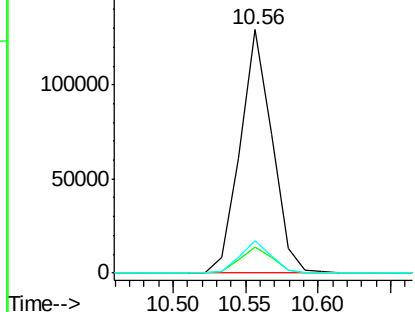


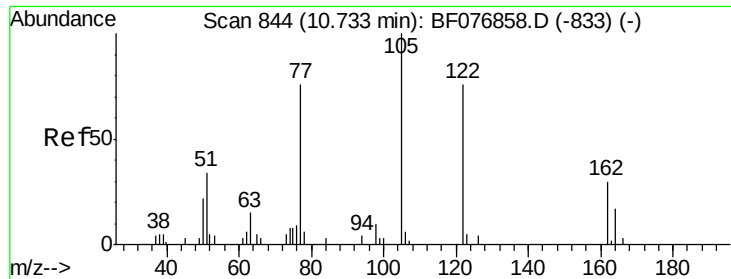
#31
 Naphthalene
 Concen: 19.98 ng
 RT: 10.56 min Scan# 846
 Delta R.T. 0.01 min
 Lab File: BF077247.D
 Acq: 10 Feb 2015 22:08

Tgt Ion:128 Resp: 197059
 Ion Ratio Lower Upper
 128 100
 129 10.7 9.0 13.6
 127 13.2 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

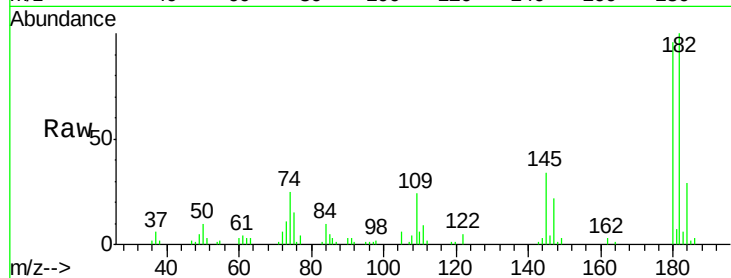




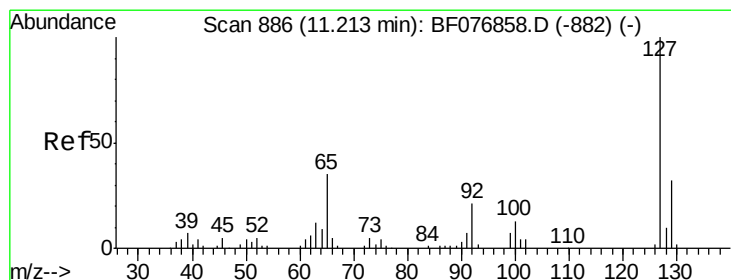
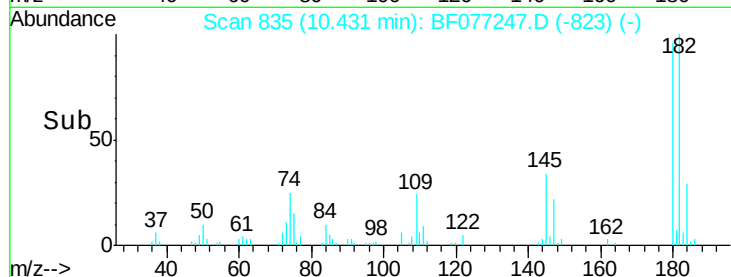
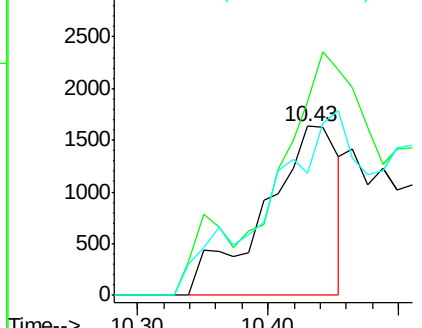
#32
Benzoic acid
Concen: 4.26 ng
RT: 10.43 min Scan# 835
Delta R.T. 0.03 min
Lab File: BF077247.D
Acq: 10 Feb 2015 22:08

Instrument :
BNA_F
ClientSampleId :
UB9BMSD

Tgt Ion:122 Resp: 6428
Ion Ratio Lower Upper
122 100
105 114.6 111.3 151.3
77 72.3 79.2 119.2#



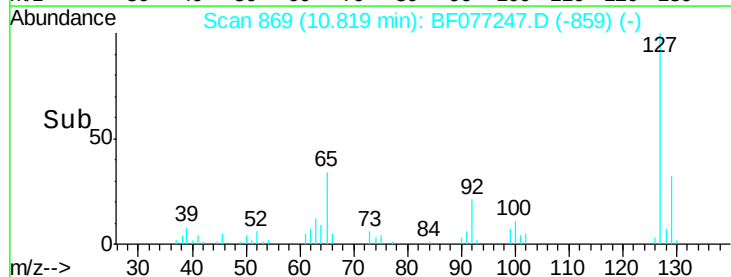
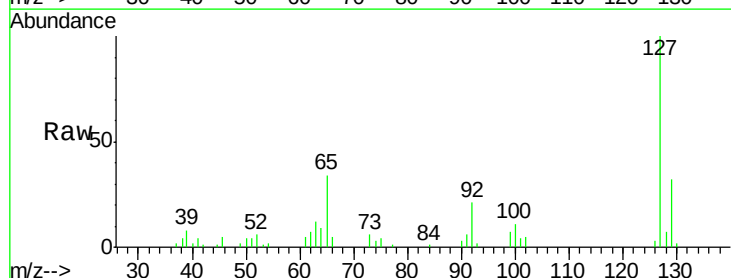
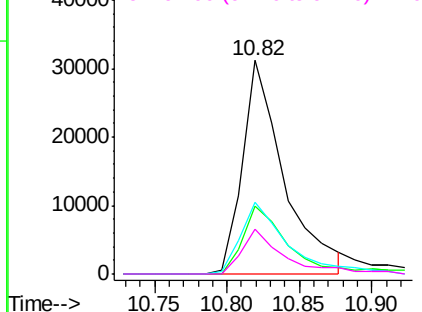
Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

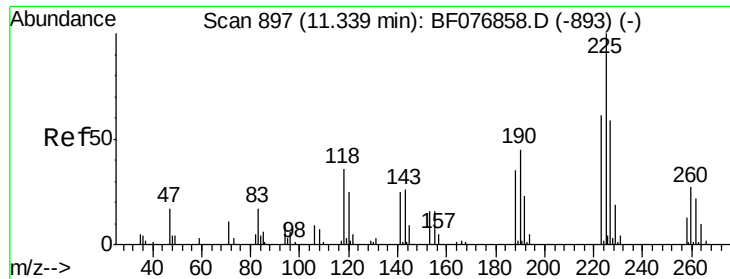


#33
4-Chloroaniline
Concen: 15.55 ng
RT: 10.82 min Scan# 869
Delta R.T. 0.01 min
Lab File: BF077247.D
Acq: 10 Feb 2015 22:08

Tgt Ion:127 Resp: 61970
Ion Ratio Lower Upper
127 100
129 31.8 25.3 37.9
65 33.7 27.8 41.6
92 20.8 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

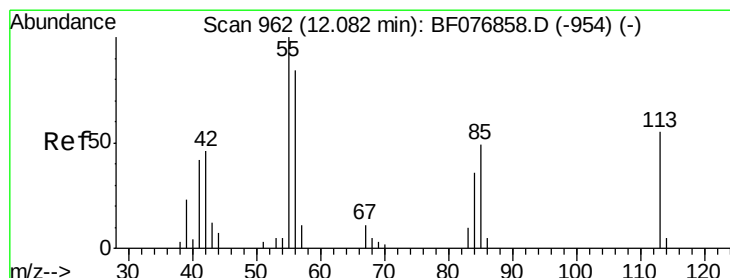
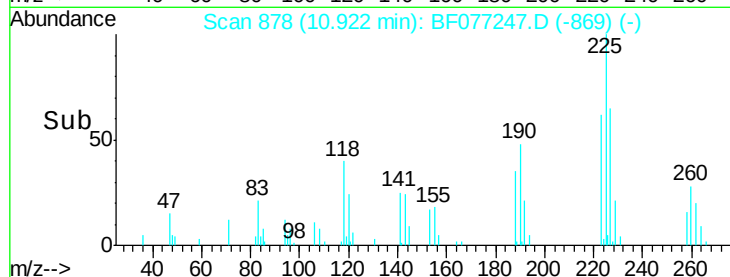
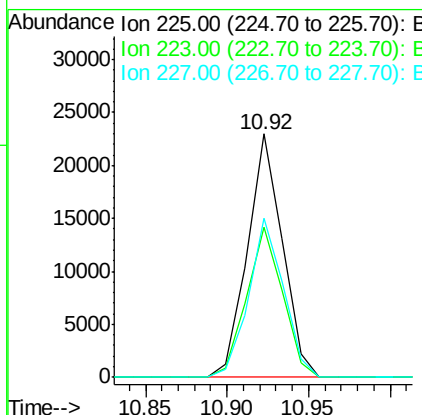
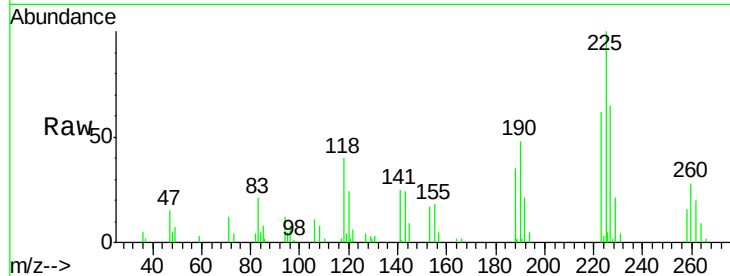




#34
Hexachlorobutadiene
Concen: 20.44 ng
RT: 10.92 min Scan# 878
Delta R.T. 0.00 min
Lab File: BF077247.D
Acq: 10 Feb 2015 22:08

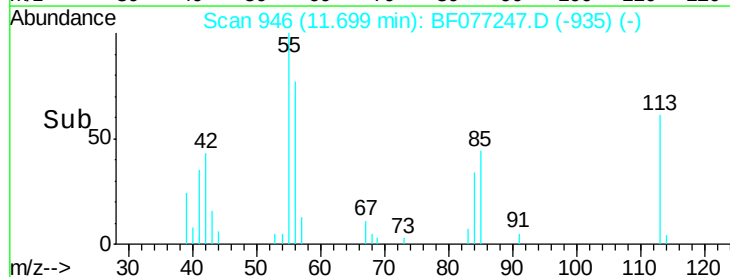
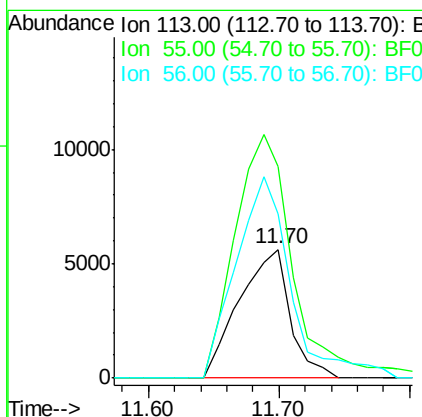
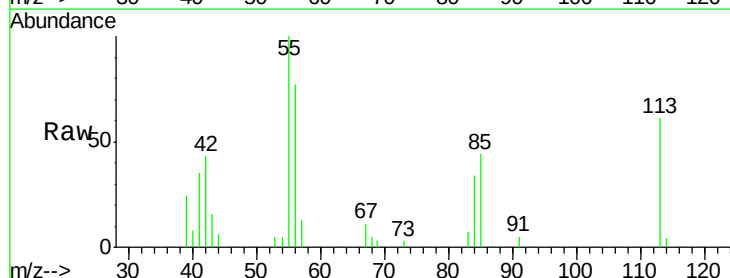
Instrument :
BNA_F
ClientSampleId :
UB9BMSD

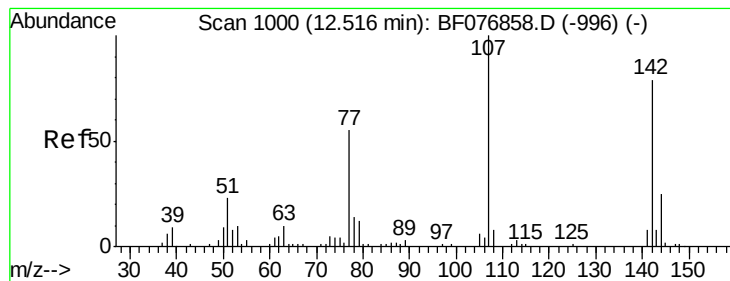
Tgt Ion:225 Resp: 34189
Ion Ratio Lower Upper
225 100
223 61.5 49.1 73.7
227 65.4 47.5 71.3



#35
Caprolactam
Concen: 20.50 ng
RT: 11.70 min Scan# 946
Delta R.T. 0.02 min
Lab File: BF077247.D
Acq: 10 Feb 2015 22:08

Tgt Ion:113 Resp: 15321
Ion Ratio Lower Upper
113 100
55 164.5 162.1 202.1
56 127.3 133.7 173.7#





#36

4-Chloro-3-methylphenol

Concen: 20.60 ng

RT: 12.15 min Scan# 985

Delta R.T. 0.02 min

Lab File: BF077247.D

Acq: 10 Feb 2015 22:08

Instrument :

BNA_F

ClientSampleId :

UB9BMSD

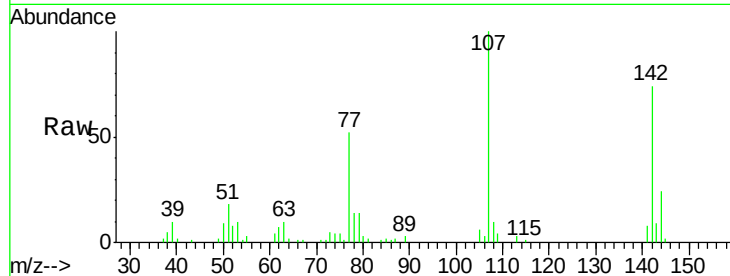
Tgt Ion:107 Resp: 59862

Ion Ratio Lower Upper

107 100

144 24.4 20.0 30.0

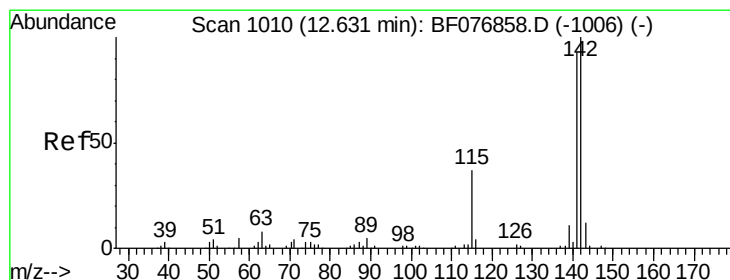
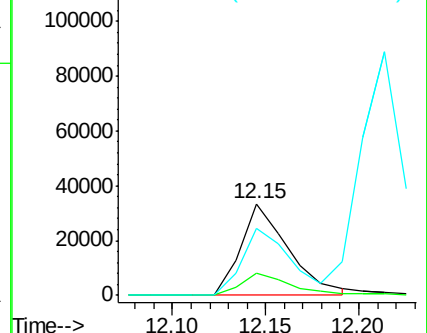
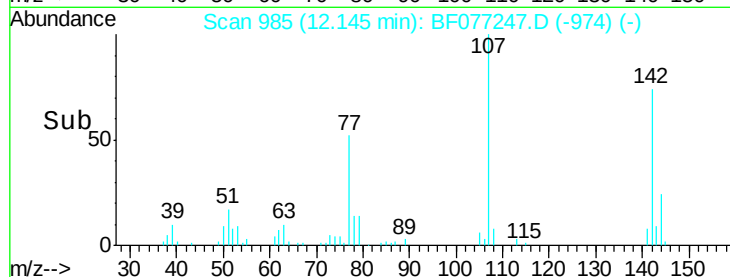
142 73.7 63.5 95.3



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: 20.58 ng

RT: 12.21 min Scan# 991

Delta R.T. 0.01 min

Lab File: BF077247.D

Acq: 10 Feb 2015 22:08

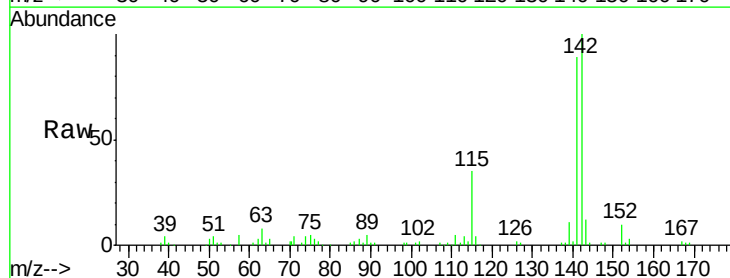
Tgt Ion:142 Resp: 138622

Ion Ratio Lower Upper

142 100

141 89.0 74.5 111.7

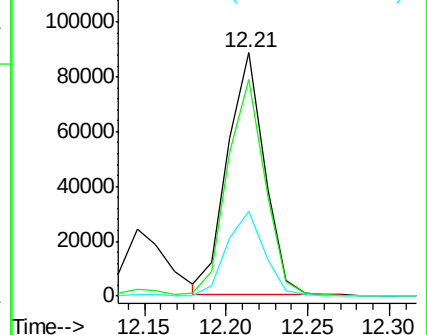
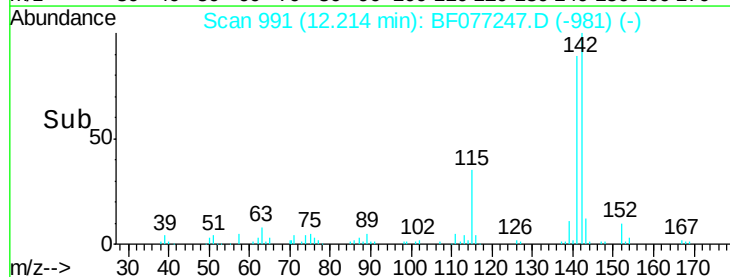
115 34.9 29.7 44.5

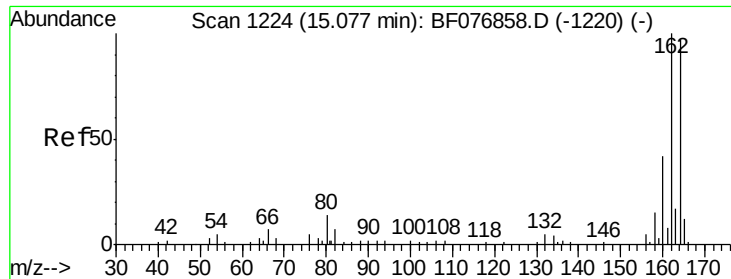


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

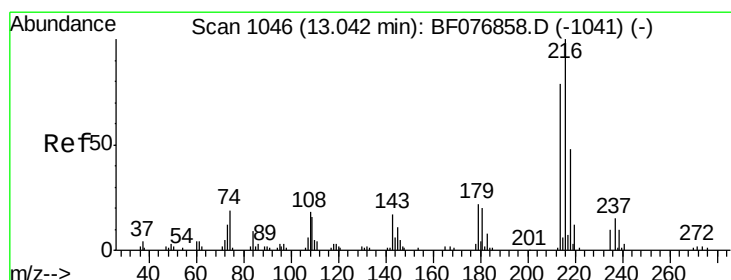
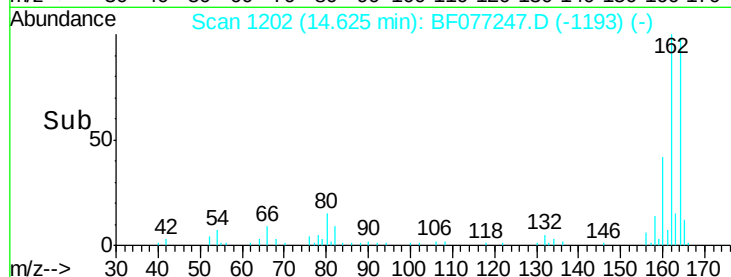
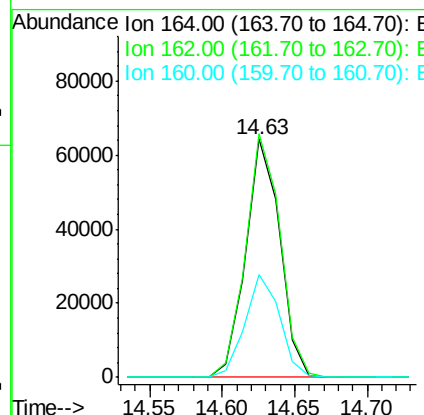
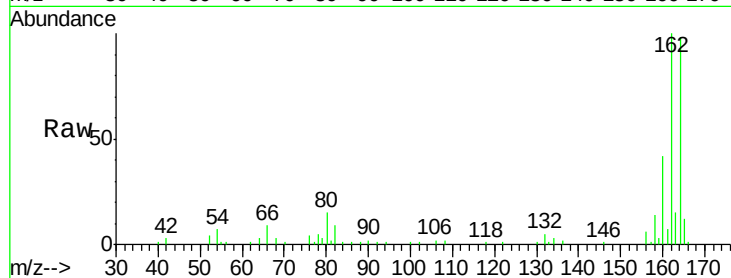




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.63 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: BF077247.D
 Acq: 10 Feb 2015 22:08

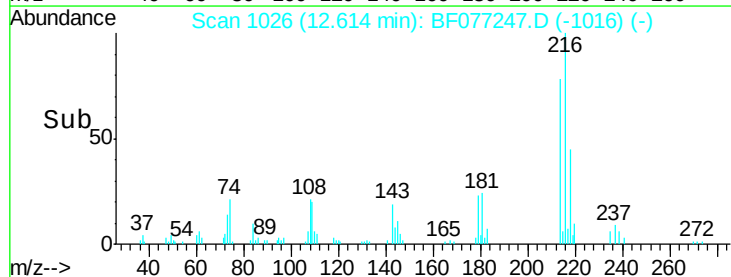
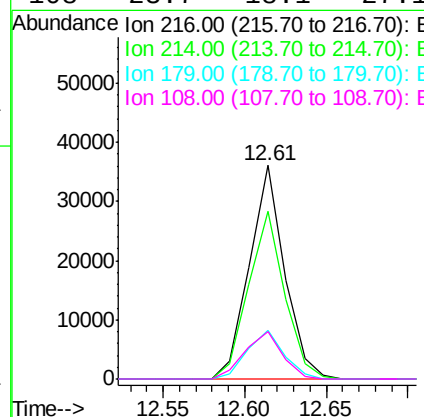
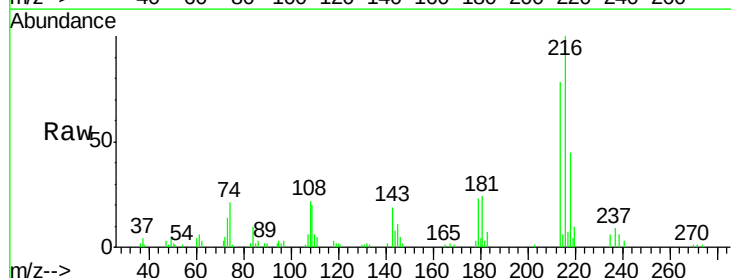
Instrument :
 BNA_F
 ClientSampleId :
 UB9BMSD

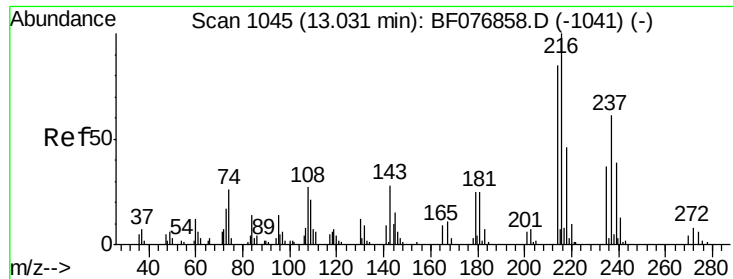
Tgt Ion:164 Resp: 104966
 Ion Ratio Lower Upper
 164 100
 162 102.2 82.4 123.6
 160 43.3 34.8 52.2



#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 20.85 ng
 RT: 12.61 min Scan# 1026
 Delta R.T. 0.01 min
 Lab File: BF077247.D
 Acq: 10 Feb 2015 22:08

Tgt Ion:216 Resp: 54108
 Ion Ratio Lower Upper
 216 100
 214 79.8 64.9 97.3
 179 23.9 18.6 28.0
 108 23.7 18.1 27.1

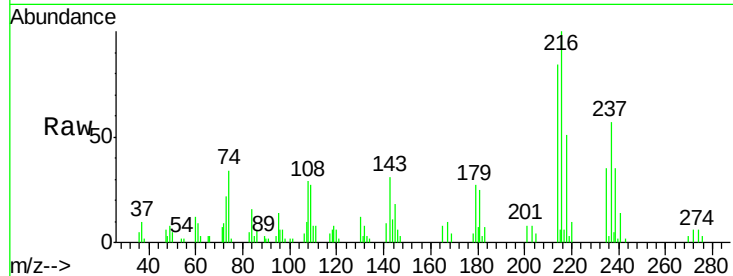




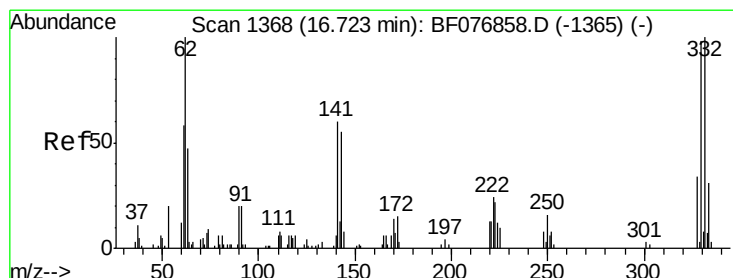
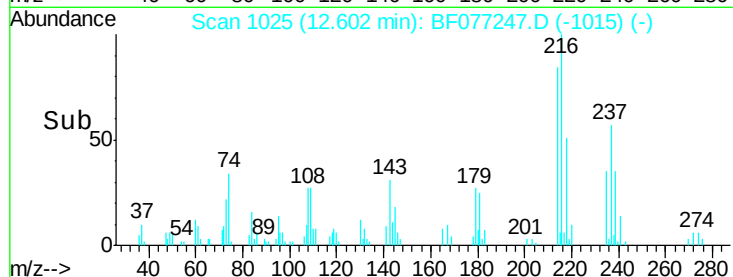
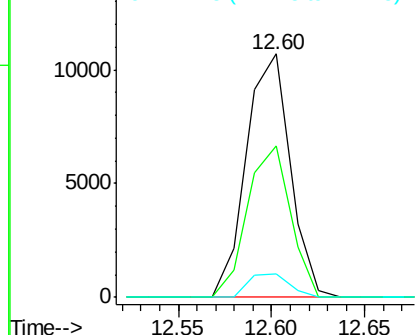
#40
Hexachlorocyclopentadiene
Concen: 16.39 ng
RT: 12.60 min Scan# 1025
Delta R.T. 0.01 min
Lab File: BF077247.D
Acq: 10 Feb 2015 22:08

Instrument :
BNA_F
ClientSampleId :
UB9BMSD

Tgt Ion: 237 Resp: 17501
Ion Ratio Lower Upper
237 100
235 62.4 40.4 80.4
272 9.9 0.0 33.2

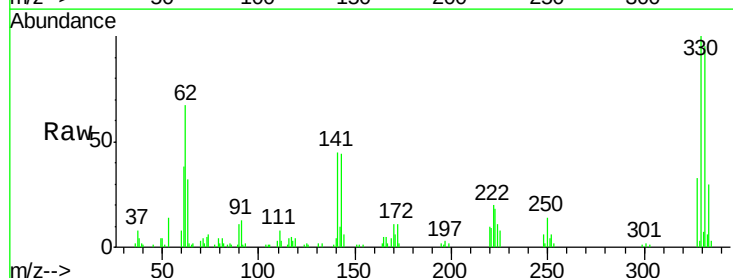


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

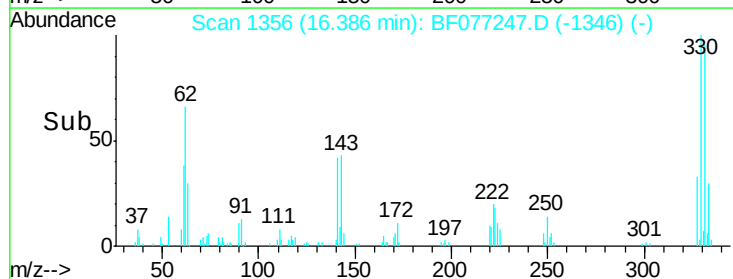
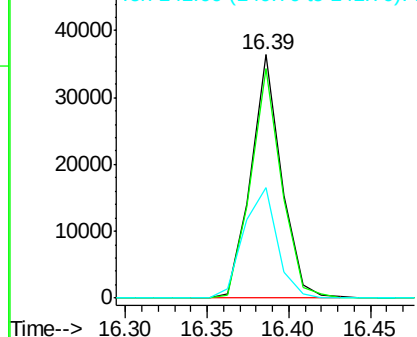


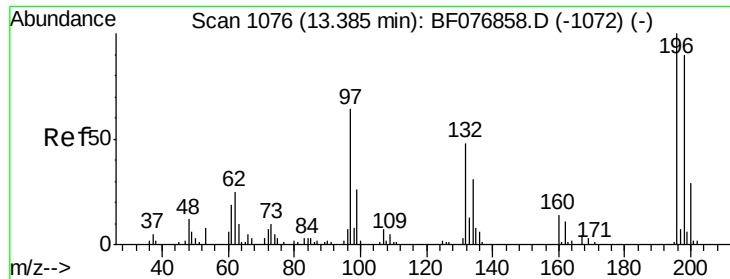
#41
2,4,6-Tribromophenol
Concen: 55.71 ng
RT: 16.39 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF077247.D
Acq: 10 Feb 2015 22:08

Tgt Ion: 330 Resp: 47464
Ion Ratio Lower Upper
330 100
332 94.9 77.8 116.6
141 49.2 38.5 57.7



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

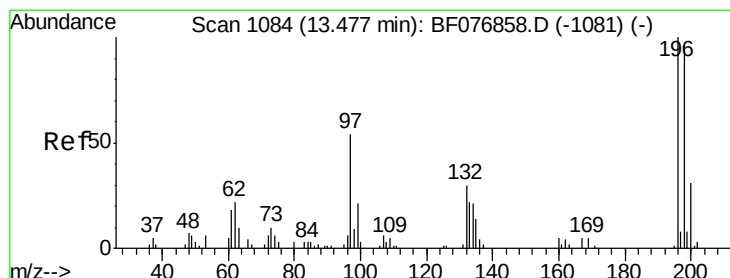
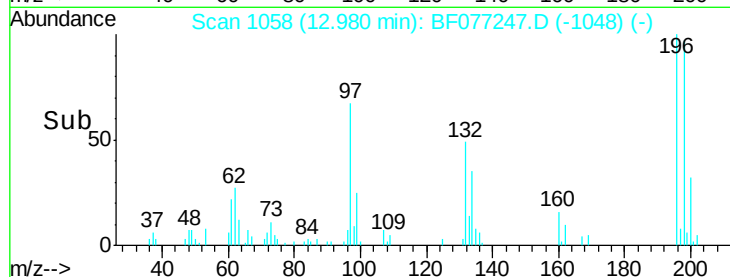
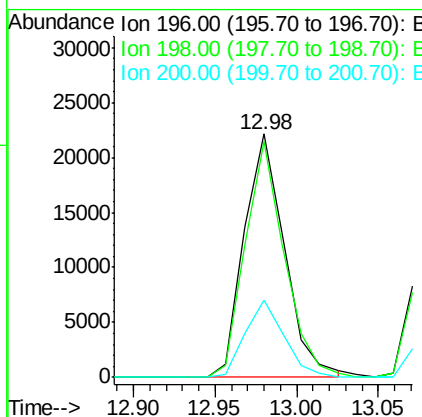
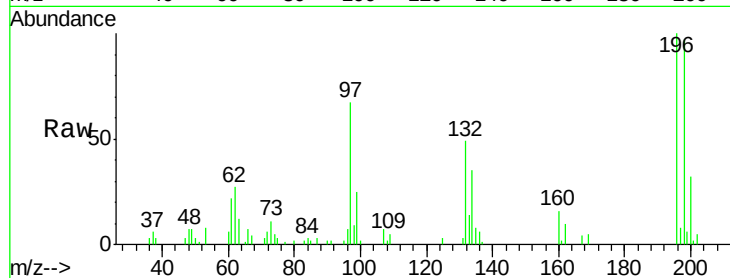




#42
2,4,6-Trichlorophenol
Concen: 20.08 ng
RT: 12.98 min Scan# 1058
Delta R.T. 0.01 min
Lab File: BF077247.D
Acq: 10 Feb 2015 22:08

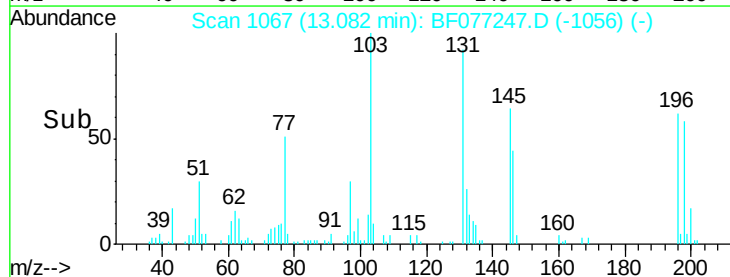
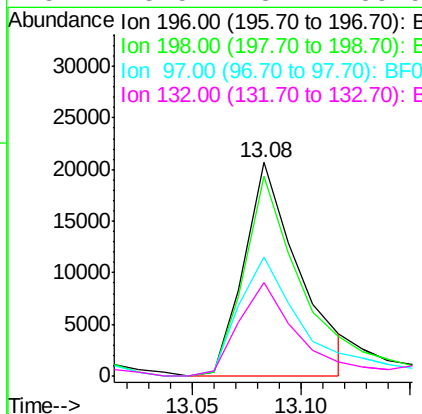
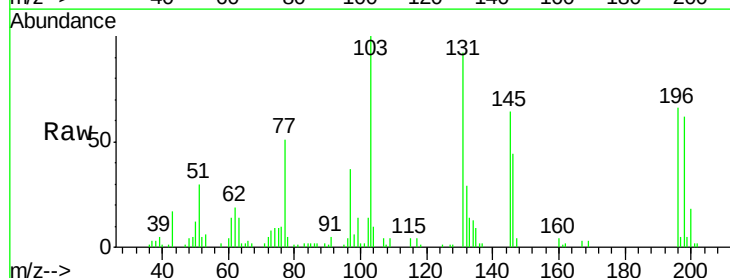
Instrument :
BNA_F
ClientSampled :
UB9BMSD

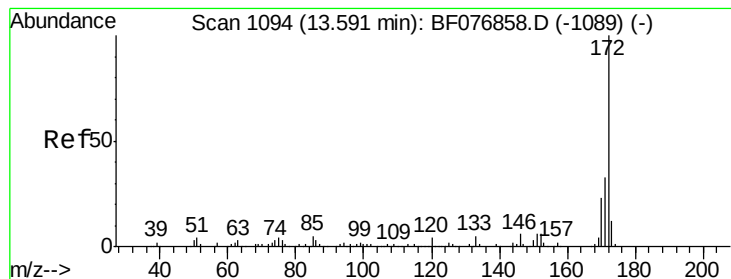
Tgt Ion:196 Resp: 37967
Ion Ratio Lower Upper
196 100
198 96.8 72.0 108.0
200 31.5 23.4 35.2



#43
2,4,5-Trichlorophenol
Concen: 18.92 ng
RT: 13.08 min Scan# 1067
Delta R.T. 0.02 min
Lab File: BF077247.D
Acq: 10 Feb 2015 22:08

Tgt Ion:196 Resp: 36486
Ion Ratio Lower Upper
196 100
198 93.4 76.6 115.0
97 55.5 43.4 65.0
132 43.5 23.7 35.5#





#44

2-Fluorobiphenyl

Concen: 43.14 ng

RT: 13.16 min Scan# 1074

Delta R.T. 0.00 min

Lab File: BF077247.D

Acq: 10 Feb 2015 22:08

Instrument :

BNA_F

ClientSampleId :

UB9BMSD

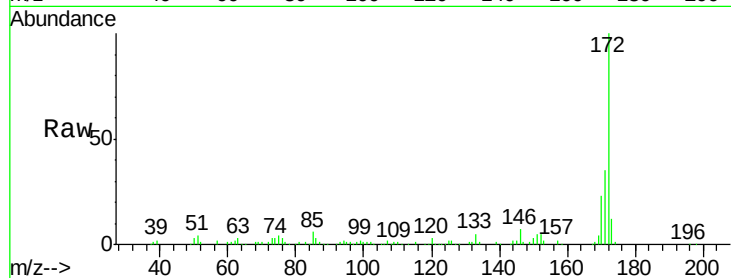
Tgt Ion:172 Resp: 297575

Ion Ratio Lower Upper

172 100

171 34.6 26.6 40.0

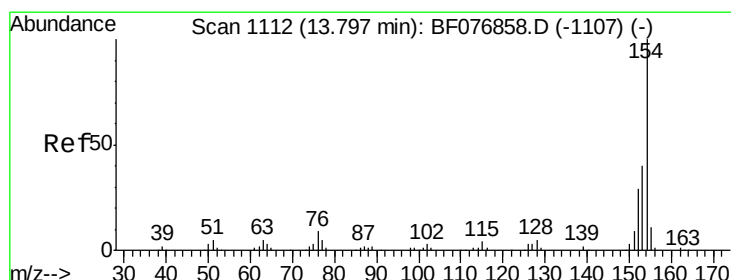
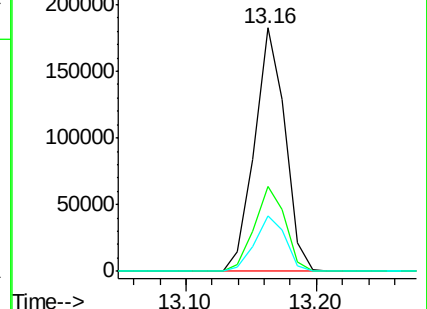
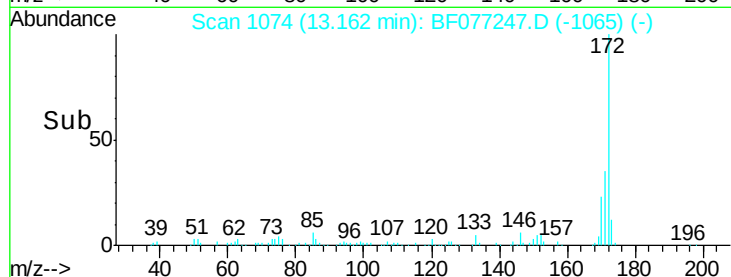
170 23.0 18.0 27.0



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 21.20 ng

RT: 13.37 min Scan# 1092

Delta R.T. 0.01 min

Lab File: BF077247.D

Acq: 10 Feb 2015 22:08

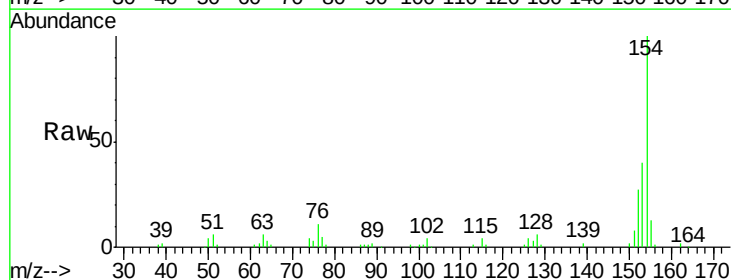
Tgt Ion:154 Resp: 164958

Ion Ratio Lower Upper

154 100

153 39.9 20.2 60.2

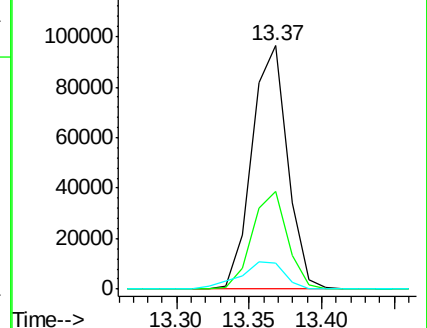
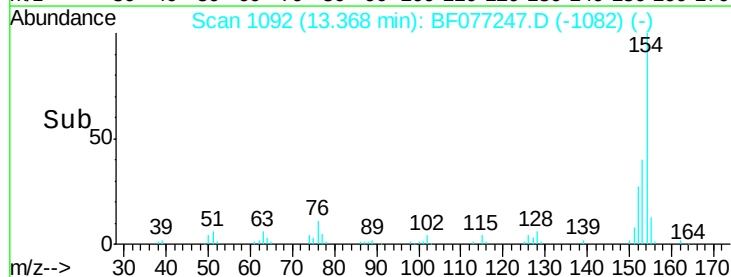
76 10.5 0.0 29.0

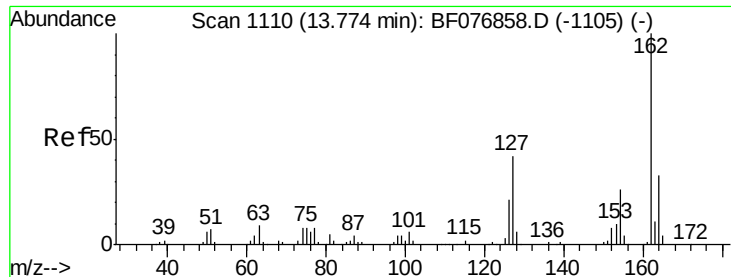


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

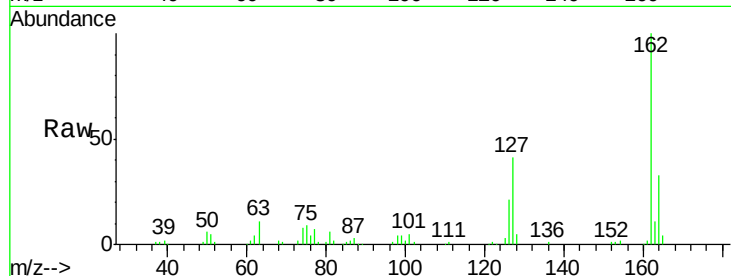




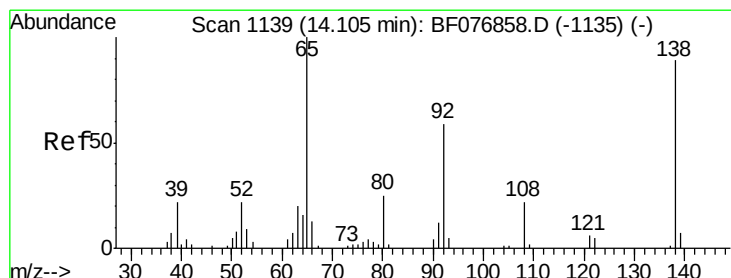
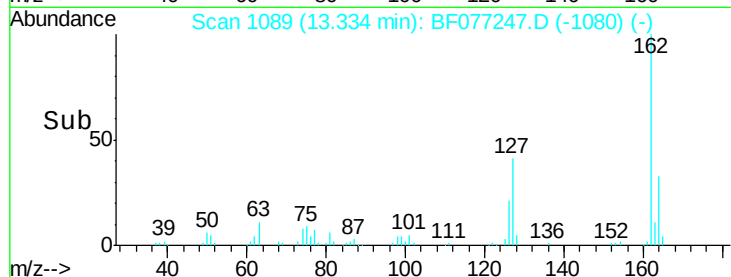
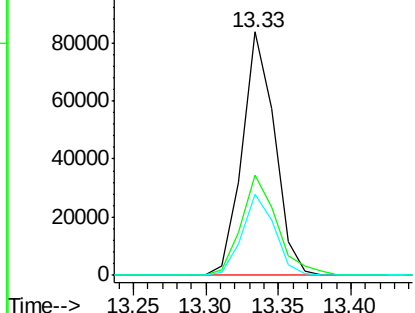
#46
 2-Chloronaphthalene
 Concen: 20.29 ng
 RT: 13.33 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: BF077247.D
 Acq: 10 Feb 2015 22:08

Instrument :
 BNA_F
 ClientSampleId :
 UB9BMSD

Tgt Ion: 162 Resp: 129898
 Ion Ratio Lower Upper
 162 100
 127 41.2 33.8 50.6
 164 33.0 26.8 40.2

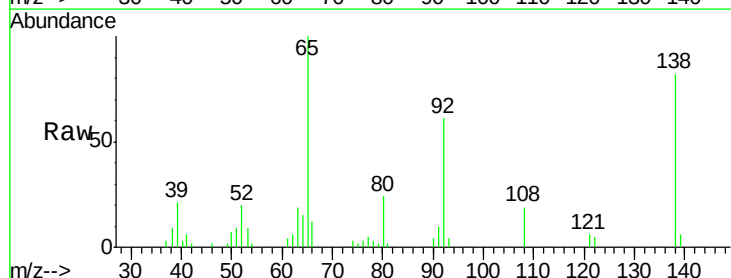


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

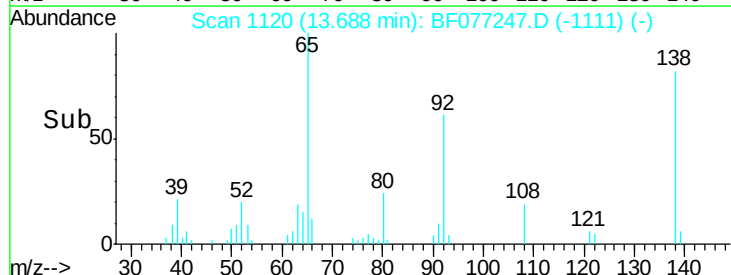
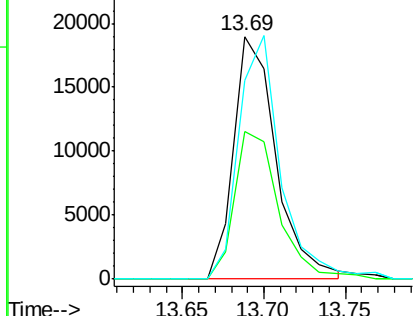


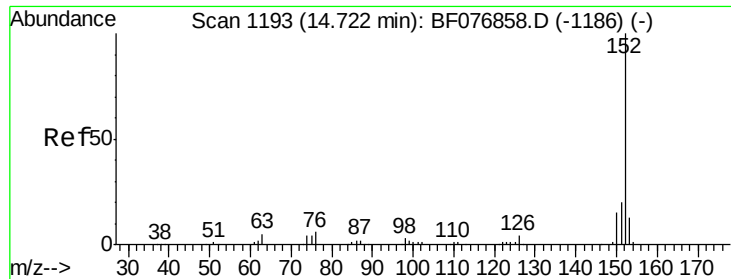
#47
 2-Nitroaniline
 Concen: 17.65 ng
 RT: 13.69 min Scan# 1120
 Delta R.T. 0.00 min
 Lab File: BF077247.D
 Acq: 10 Feb 2015 22:08

Tgt Ion: 65 Resp: 34288
 Ion Ratio Lower Upper
 65 100
 92 60.6 47.3 70.9
 138 82.1 71.4 107.2



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





#48

Acenaphthylene

Concen: 19.18 ng

RT: 14.28 min Scan# 1172

Delta R.T. 0.01 min

Lab File: BF077247.D

Acq: 10 Feb 2015 22:08

Instrument :

BNA_F

ClientSampleId :

UB9BMSD

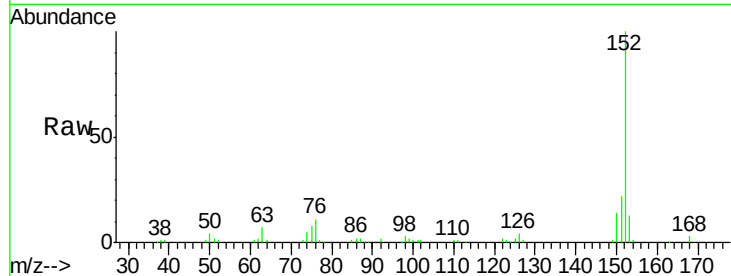
Tgt Ion:152 Resp: 207179

Ion Ratio Lower Upper

152 100

151 22.0 15.9 23.9

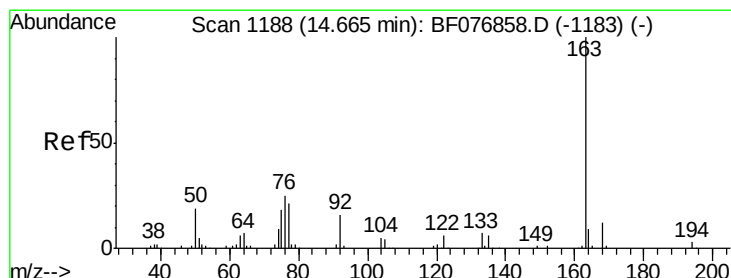
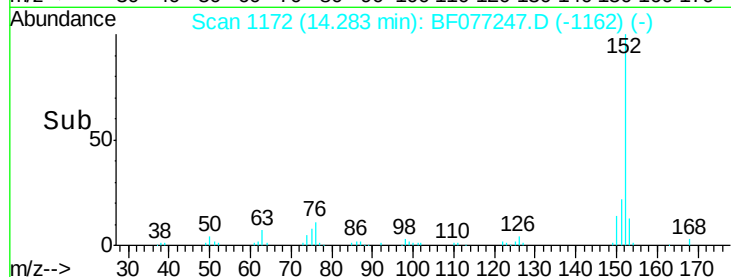
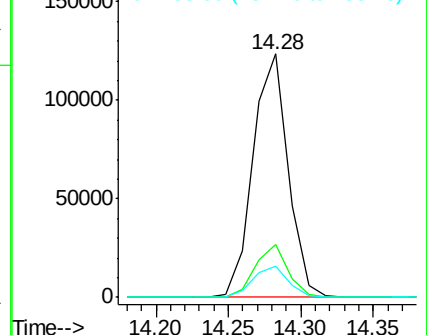
153 12.6 10.2 15.4



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: 23.93 ng

RT: 14.25 min Scan# 1169

Delta R.T. 0.01 min

Lab File: BF077247.D

Acq: 10 Feb 2015 22:08

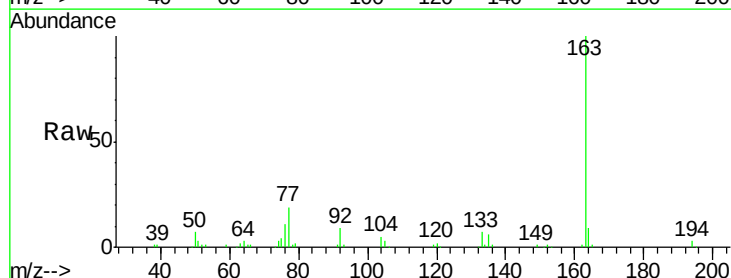
Tgt Ion:163 Resp: 178119

Ion Ratio Lower Upper

163 100

194 3.1 2.6 4.0

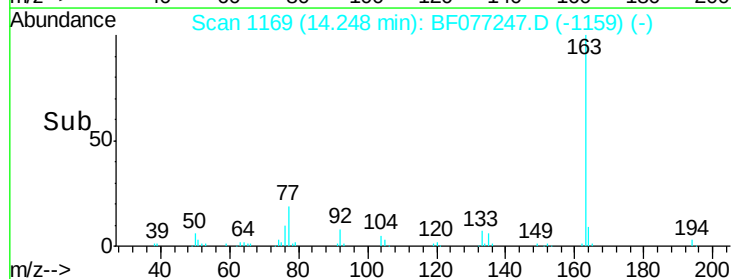
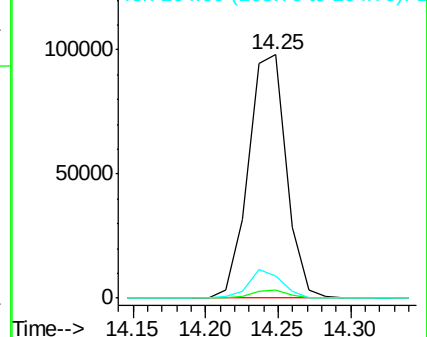
164 9.2 7.5 11.3

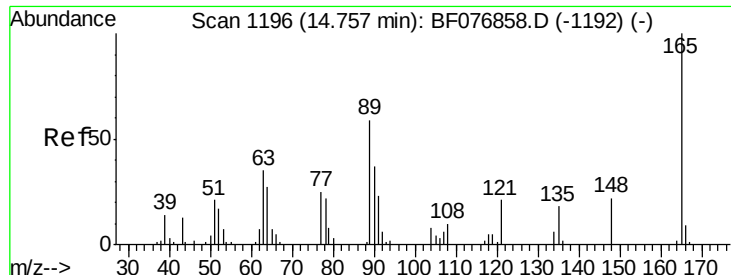


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

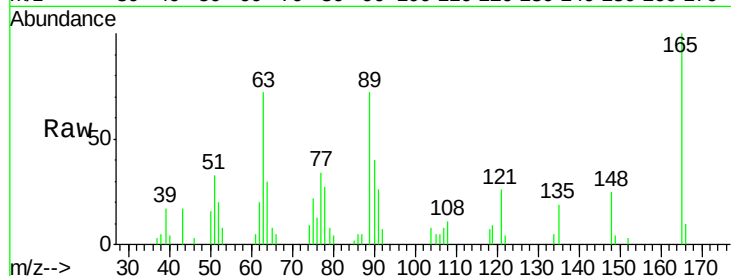




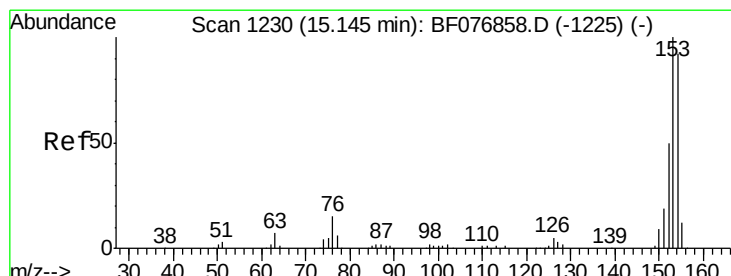
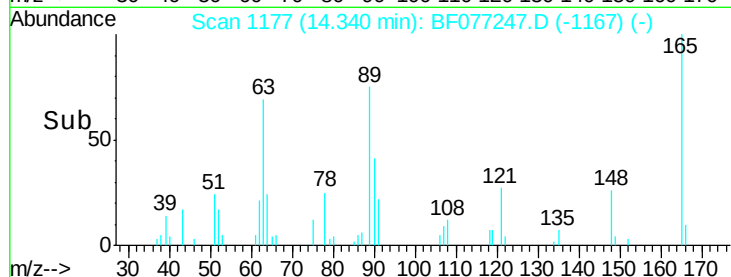
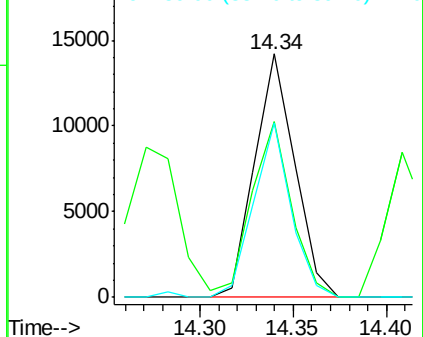
#50
2,6-Dinitrotoluene
Concen: 14.31 ng
RT: 14.34 min Scan# 1177
Delta R.T. 0.01 min
Lab File: BF077247.D
Acq: 10 Feb 2015 22:08

Instrument :
BNA_F
ClientSampleId :
UB9BMSD

Tgt Ion:165 Resp: 21276
Ion Ratio Lower Upper
165 100
63 72.0 48.1 72.1
89 71.8 47.2 70.8#

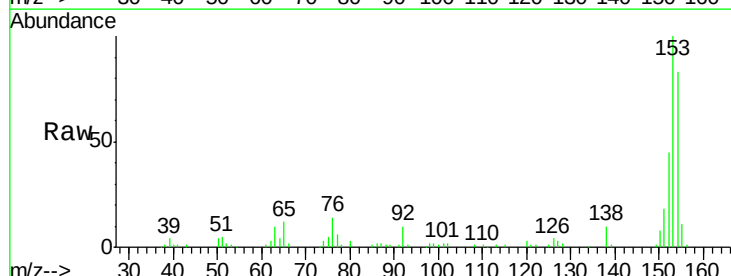


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

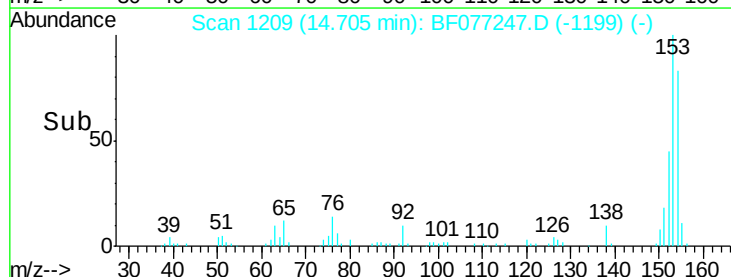
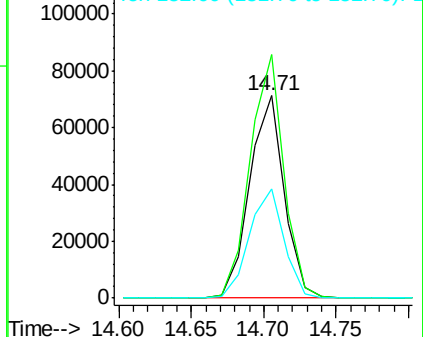


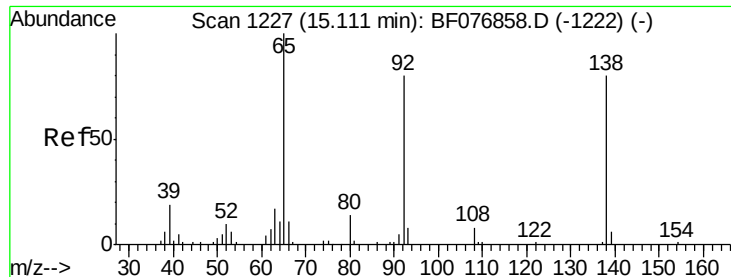
#51
Acenaphthene
Concen: 19.14 ng
RT: 14.71 min Scan# 1209
Delta R.T. 0.01 min
Lab File: BF077247.D
Acq: 10 Feb 2015 22:08

Tgt Ion:154 Resp: 117313
Ion Ratio Lower Upper
154 100
153 120.5 87.0 130.6
152 54.0 43.5 65.3



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

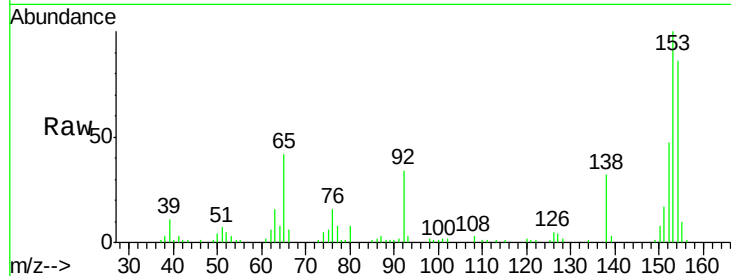




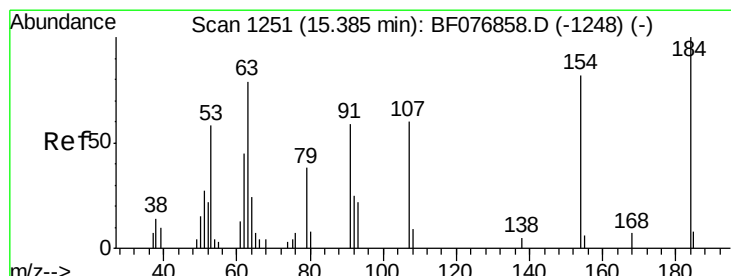
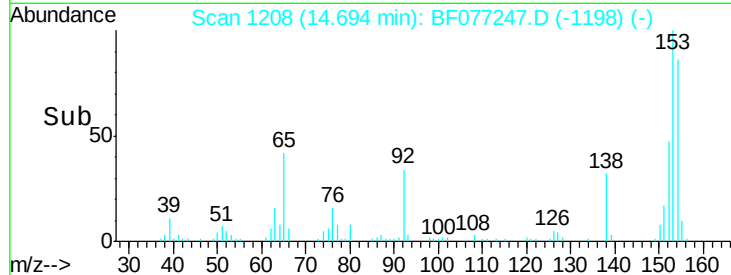
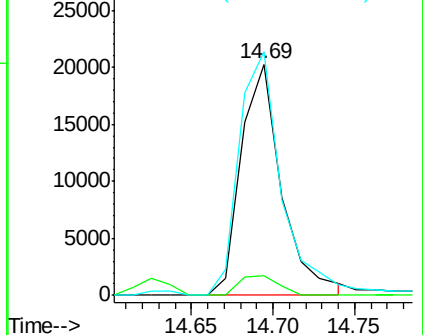
#52
3-Nitroaniline
Concen: 19.15 ng
RT: 14.69 min Scan# 1208
Delta R.T. 0.01 min
Lab File: BF077247.D
Acq: 10 Feb 2015 22:08

Instrument :
BNA_F
ClientSampleId :
UB9BMSD

Tgt Ion:138 Resp: 34991
Ion Ratio Lower Upper
138 100
108 8.5 8.3 12.5
92 105.5 80.9 121.3

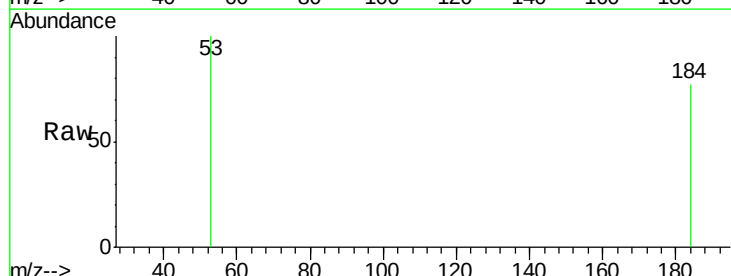


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0

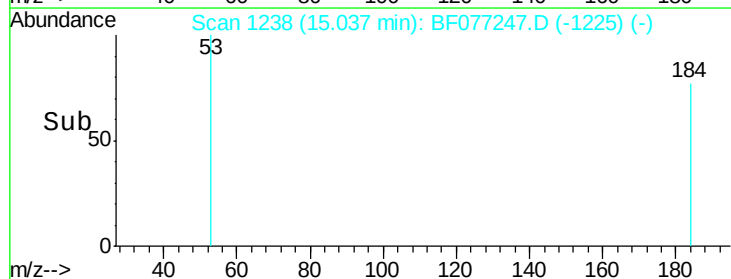
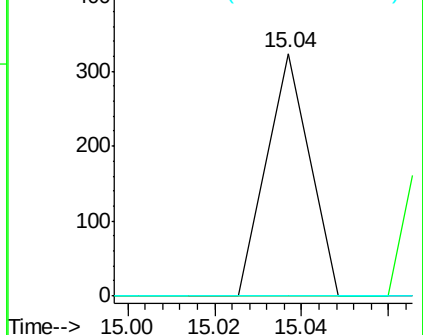


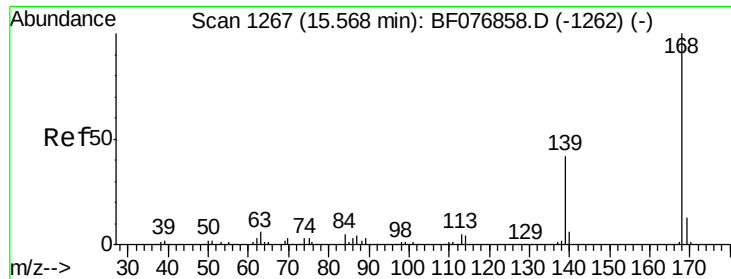
#53
2,4-Dinitrophenol
Concen: 12.02 ng
RT: 15.04 min Scan# 1238
Delta R.T. 0.05 min
Lab File: BF077247.D
Acq: 10 Feb 2015 22:08

Tgt Ion:184 Resp: 222
Ion Ratio Lower Upper
184 100
63 0.0 63.0 94.6#
154 0.0 65.5 98.3#



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

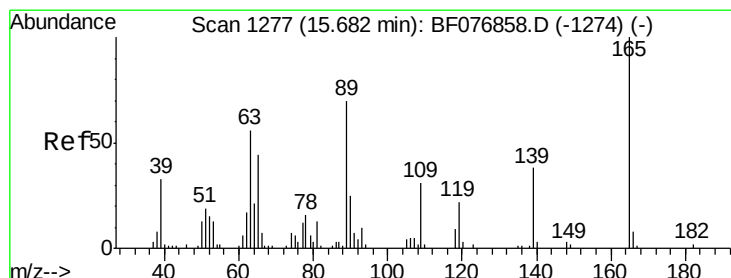
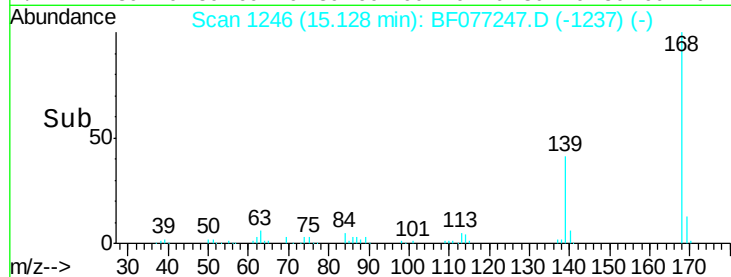
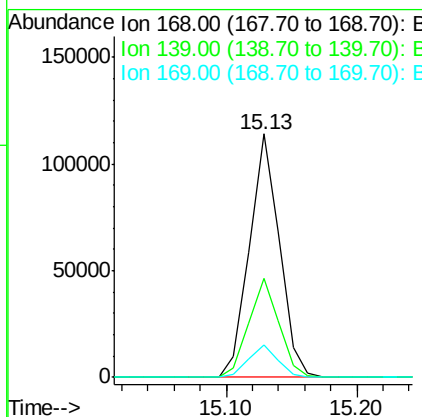
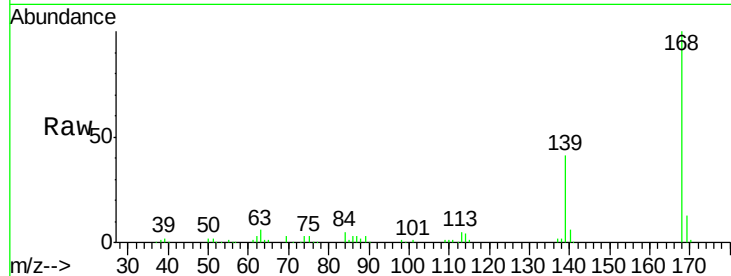




#54
Dibenzenofuran
Concen: 20.57 ng
RT: 15.13 min Scan# 1246
Delta R.T. 0.00 min
Lab File: BF077247.D
Acq: 10 Feb 2015 22:08

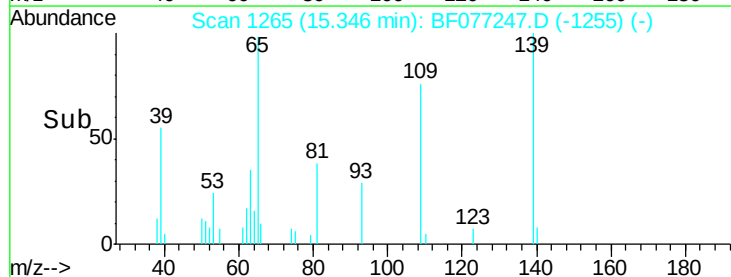
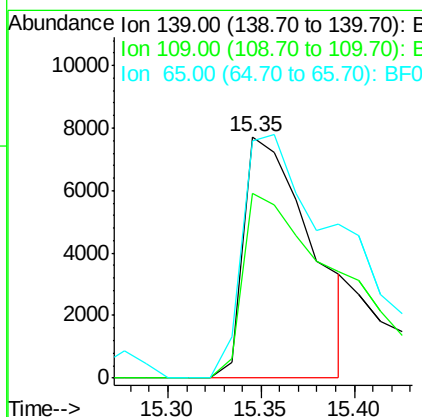
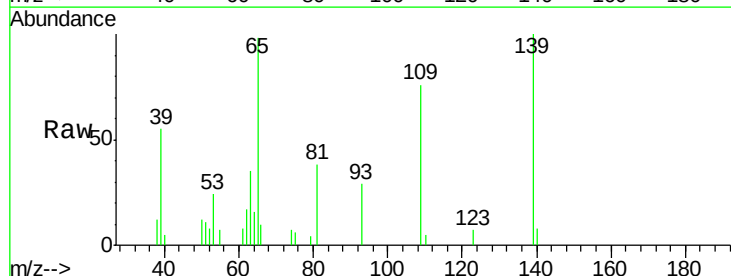
Instrument :
BNA_F
ClientSampleId :
UB9BMSD

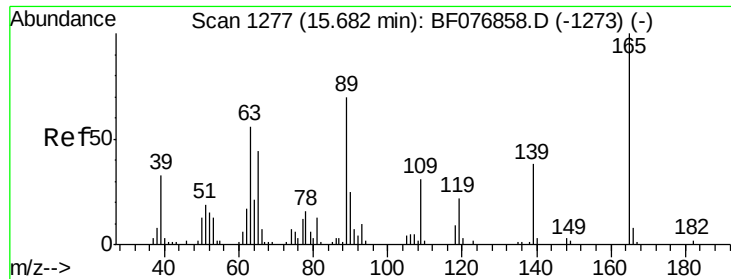
Tgt Ion:168 Resp: 183645
Ion Ratio Lower Upper
168 100
139 40.6 33.4 50.2
169 13.3 10.6 15.8



#55
4-Nitrophenol
Concen: 16.57 ng
RT: 15.35 min Scan# 1265
Delta R.T. 0.01 min
Lab File: BF077247.D
Acq: 10 Feb 2015 22:08

Tgt Ion:139 Resp: 19329
Ion Ratio Lower Upper
139 100
109 76.2 61.0 101.0
65 98.3 96.6 136.6

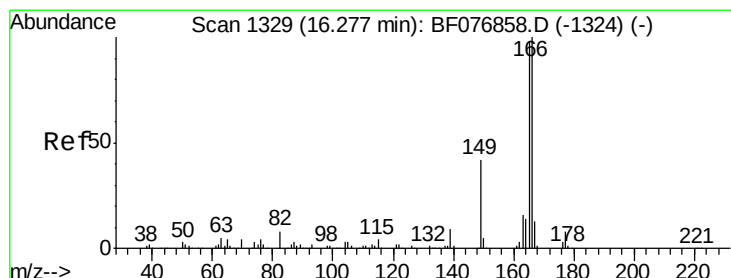
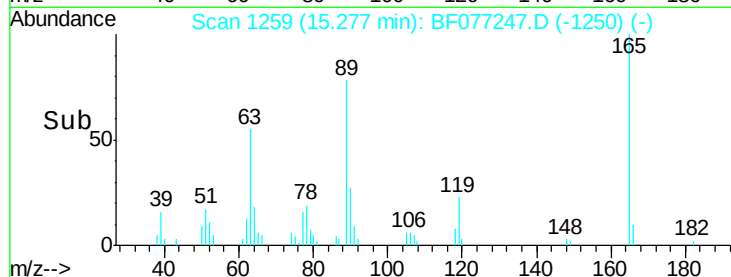
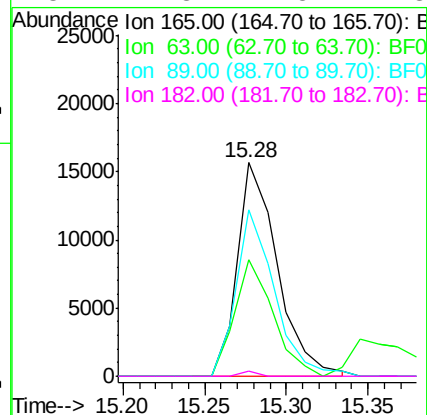
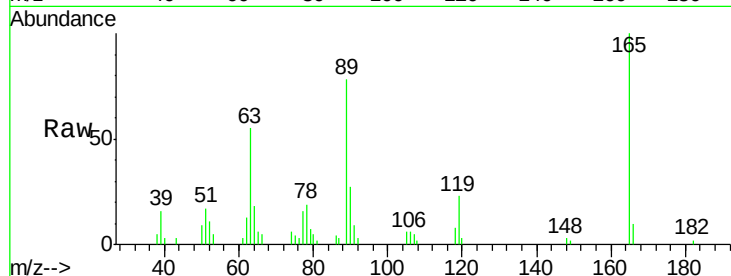




#56
2,4-Dinitrotoluene
Concen: 13.55 ng
RT: 15.28 min Scan# 1259
Delta R.T. 0.00 min
Lab File: BF077247.D
Acq: 10 Feb 2015 22:08

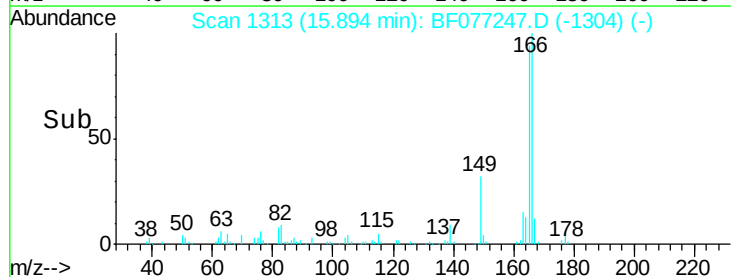
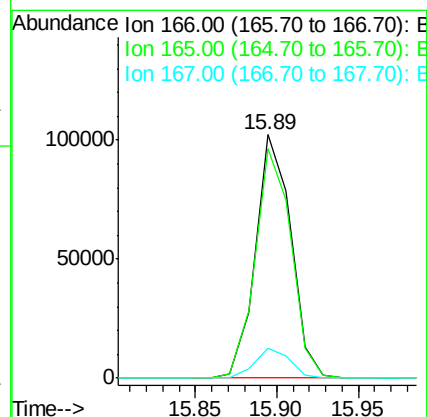
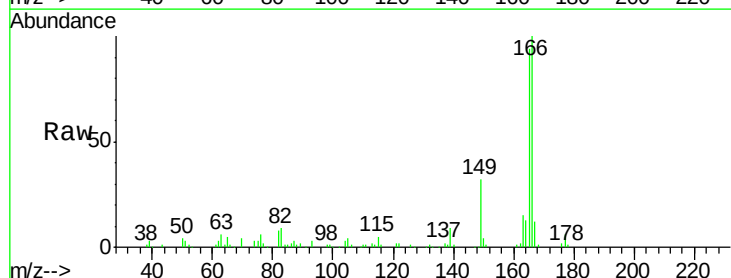
Instrument :
BNA_F
ClientSampleId :
UB9BMSD

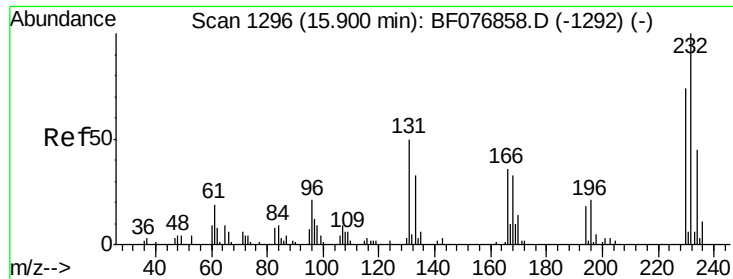
Tgt Ion:165 Resp: 26678
Ion Ratio Lower Upper
165 100
63 54.8 44.8 67.2
89 78.0 56.2 84.2
182 2.3 1.5 2.3



#57
Fluorene
Concen: 20.37 ng
RT: 15.89 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BF077247.D
Acq: 10 Feb 2015 22:08

Tgt Ion:166 Resp: 154034
Ion Ratio Lower Upper
166 100
165 94.1 78.5 117.7
167 12.3 10.4 15.6

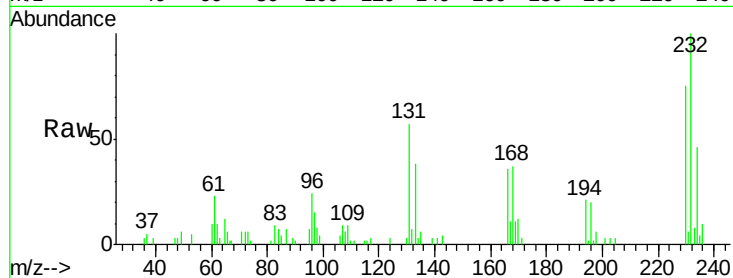




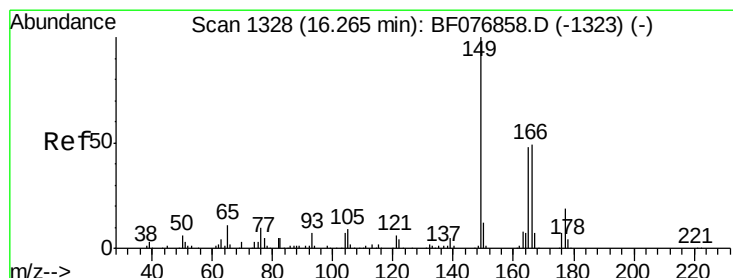
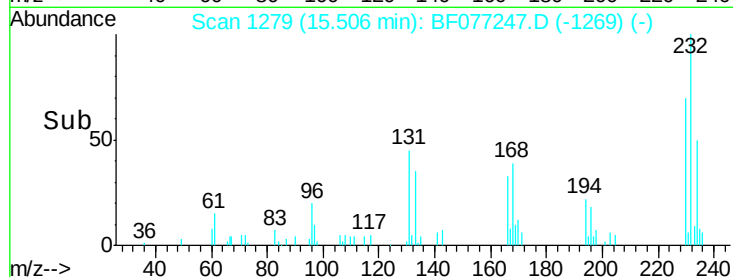
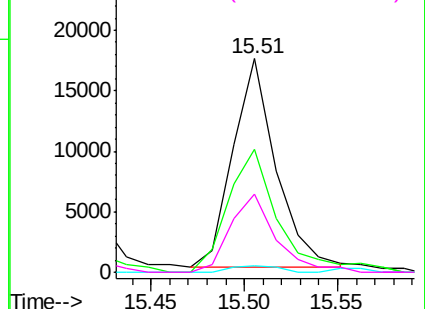
#58
2,3,4,6-Tetrachlorophenol
Concen: 19.65 ng
RT: 15.51 min Scan# 1279
Delta R.T. 0.01 min
Lab File: BF077247.D
Acq: 10 Feb 2015 22:08

Instrument :
BNA_F
ClientSampleId :
UB9BMSD

Tgt Ion:232 Resp: 27590
Ion Ratio Lower Upper
232 100
131 67.0 45.0 67.6
130 3.7 2.6 3.8
166 39.7 30.9 46.3

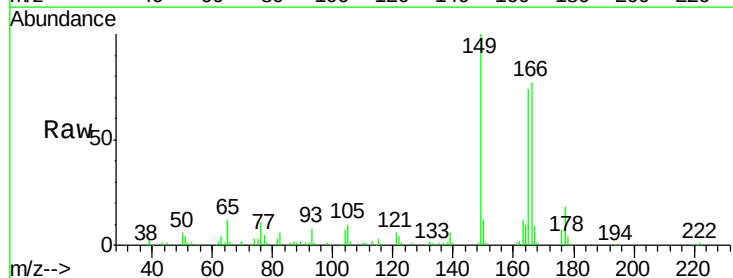


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

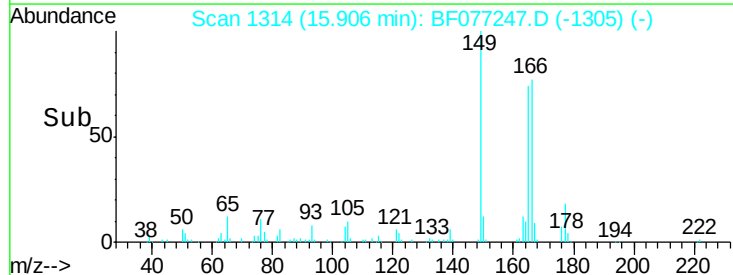
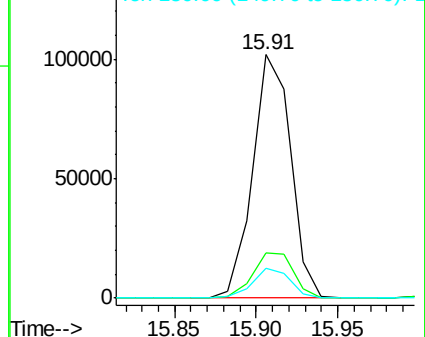


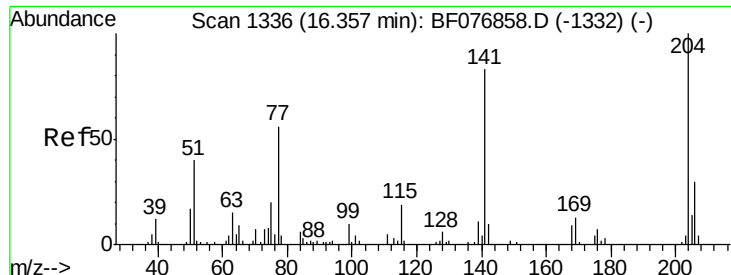
#59
Diethylphthalate
Concen: 21.97 ng
RT: 15.91 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BF077247.D
Acq: 10 Feb 2015 22:08

Tgt Ion:149 Resp: 165292
Ion Ratio Lower Upper
149 100
177 18.4 15.0 22.6
150 12.3 9.4 14.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

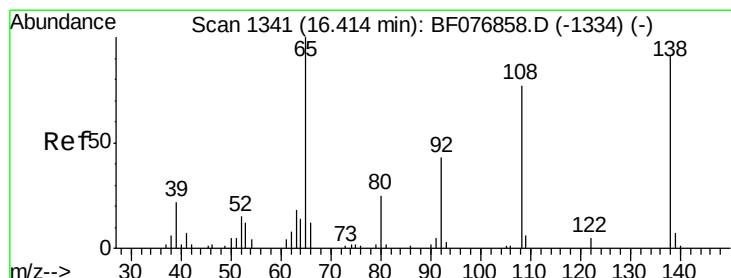
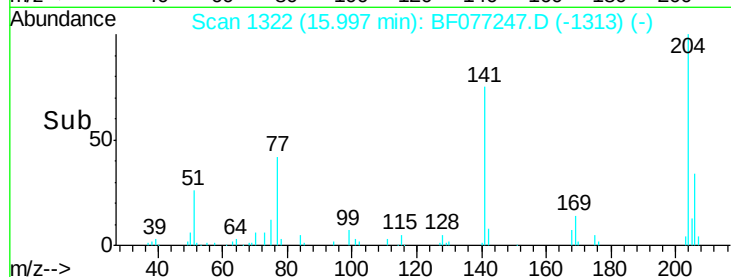
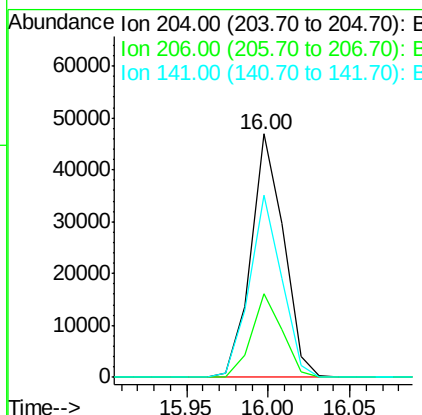
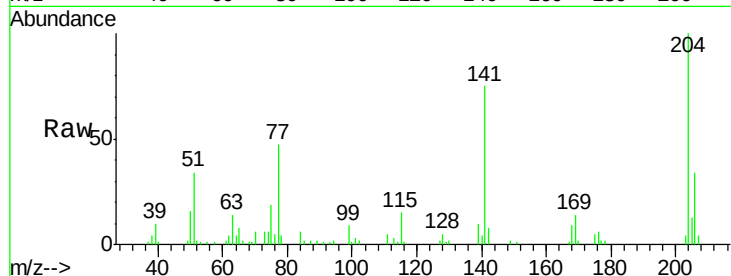




#60
 4-Chlorophenyl-phenylether
 Concen: 21.15 ng
 RT: 16.00 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: BF077247.D
 Acq: 10 Feb 2015 22:08

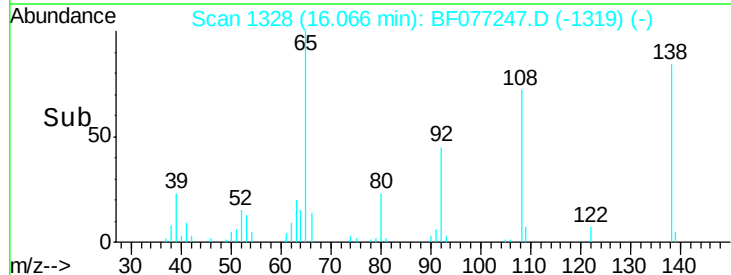
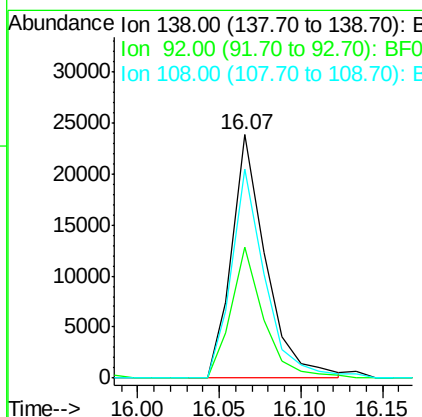
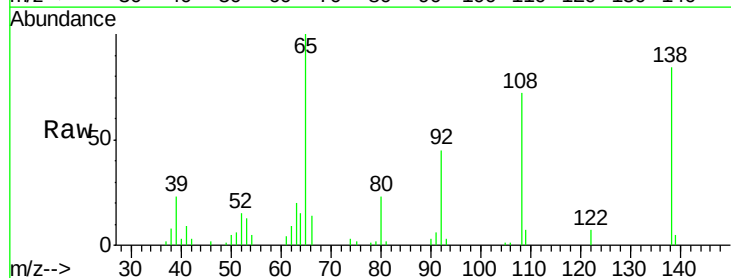
Instrument :
 BNA_F
 ClientSampleId :
 UB9BMSD

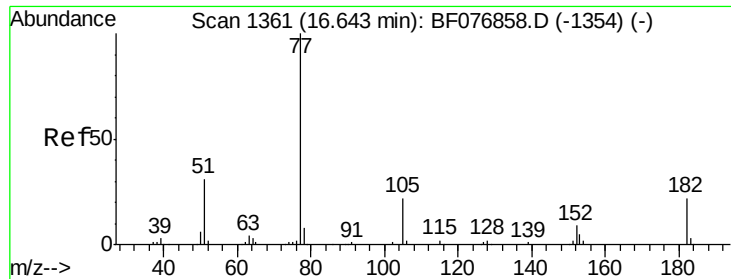
Tgt Ion: 204 Resp: 65462
 Ion Ratio Lower Upper
 204 100
 206 34.4 24.2 36.2
 141 74.6 66.7 100.1



#61
 4-Nitroaniline
 Concen: 19.40 ng
 RT: 16.07 min Scan# 1328
 Delta R.T. 0.00 min
 Lab File: BF077247.D
 Acq: 10 Feb 2015 22:08

Tgt Ion: 138 Resp: 34724
 Ion Ratio Lower Upper
 138 100
 92 54.0 26.7 66.7
 108 86.0 64.5 104.5

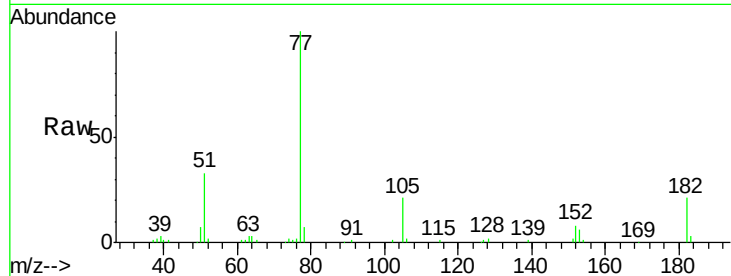




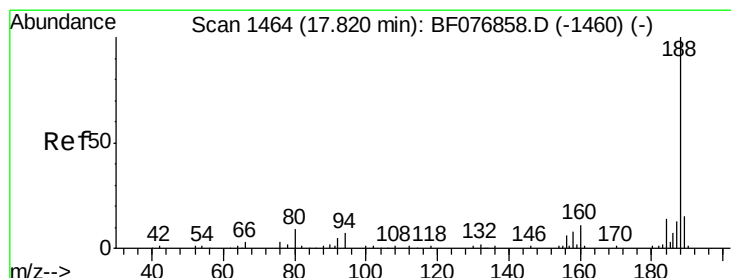
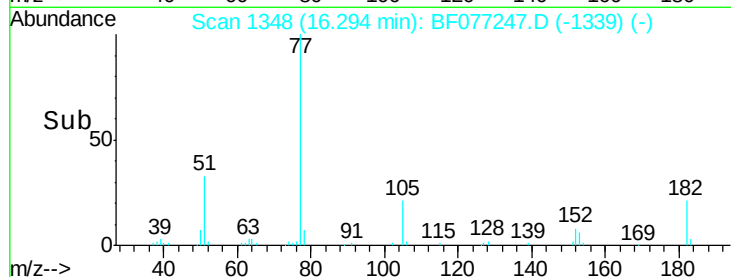
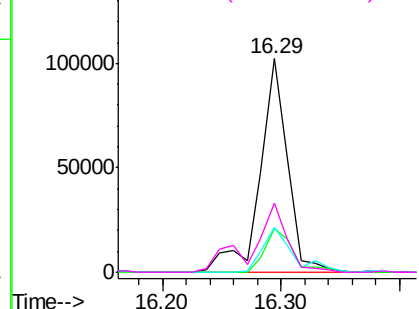
#62
Azobenzene
Concen: 21.26 ng
RT: 16.29 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BF077247.D
Acq: 10 Feb 2015 22:08

Instrument :
BNA_F
ClientSampleId :
UB9BMSD

Tgt Ion: 77 Resp: 166681
Ion Ratio Lower Upper
77 100
182 20.6 2.0 42.0
105 21.3 2.3 42.3
51 32.5 10.7 50.7

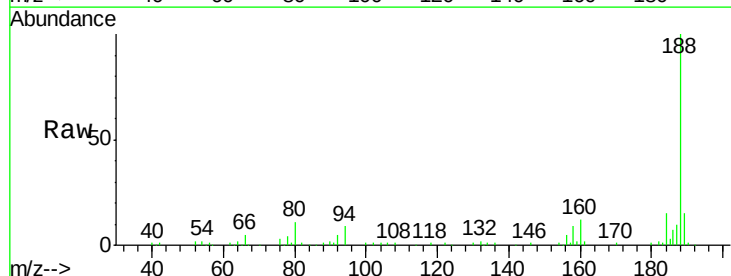


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

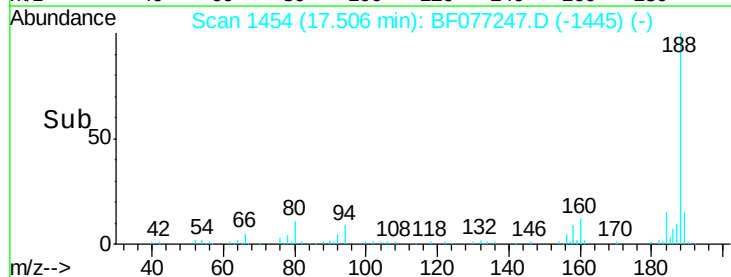
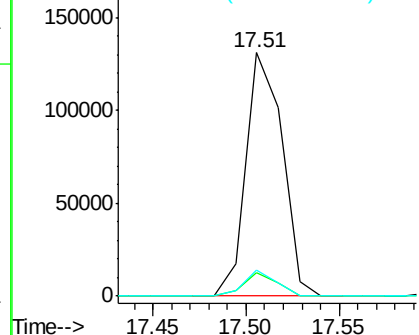


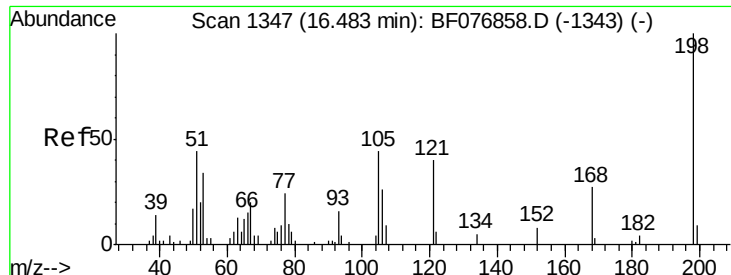
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.51 min Scan# 1454
Delta R.T. 0.00 min
Lab File: BF077247.D
Acq: 10 Feb 2015 22:08

Tgt Ion: 188 Resp: 176706
Ion Ratio Lower Upper
188 100
94 9.4 6.0 9.0#
80 10.8 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

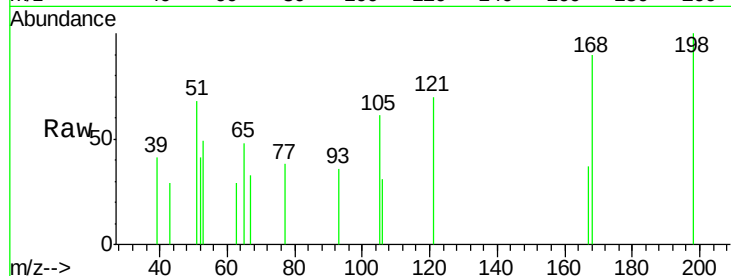




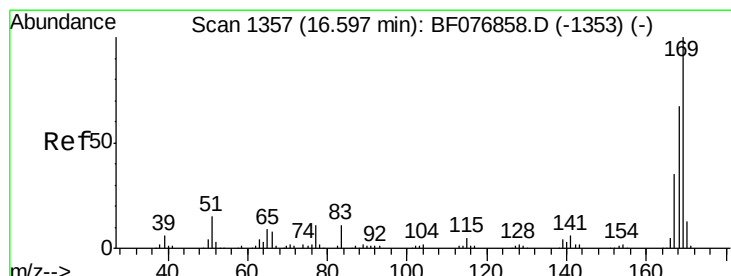
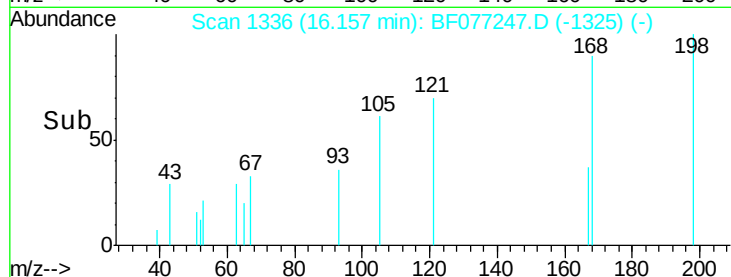
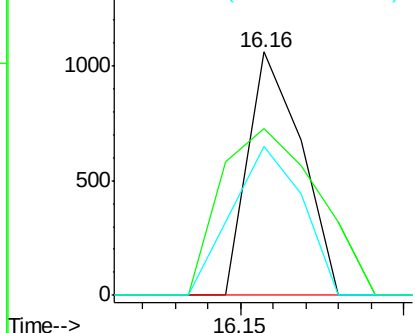
#64
 4,6-Dinitro-2-methylphenol
 Concen: 4.28 ng
 RT: 16.16 min Scan# 1336
 Delta R.T. 0.02 min
 Lab File: BF077247.D
 Acq: 10 Feb 2015 22:08

Instrument :
 BNA_F
 ClientSampleId :
 UB9BMSD

Tgt Ion:198 Resp: 1190
 Ion Ratio Lower Upper
 198 100
 51 68.2 24.2 64.2#
 105 61.4 24.0 64.0



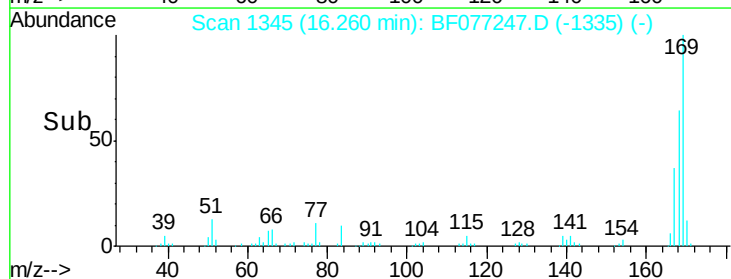
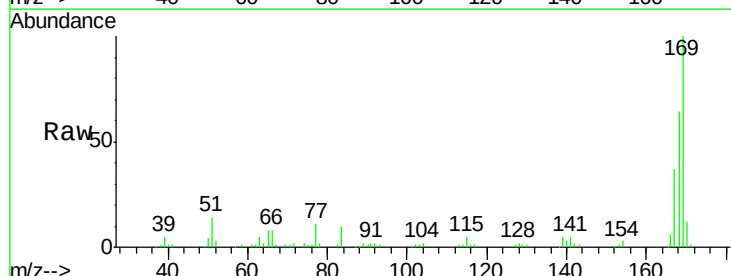
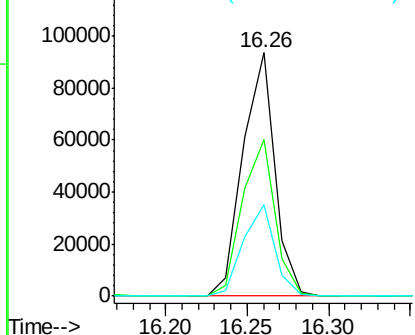
Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

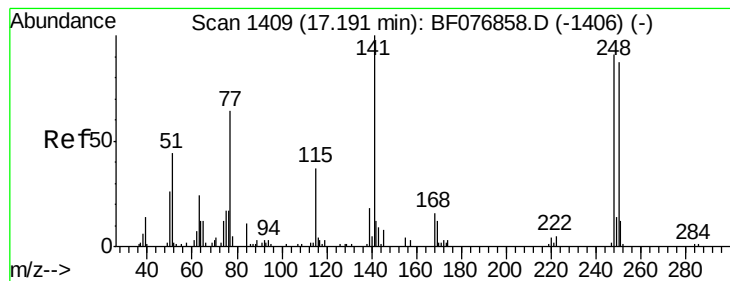


#65
 n-Nitrosodiphenylamine
 Concen: 20.14 ng
 RT: 16.26 min Scan# 1345
 Delta R.T. 0.01 min
 Lab File: BF077247.D
 Acq: 10 Feb 2015 22:08

Tgt Ion:169 Resp: 126875
 Ion Ratio Lower Upper
 169 100
 168 64.4 53.8 80.6
 167 37.4 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: 20.37 ng

RT: 16.88 min Scan# 1399

Delta R.T. 0.01 min

Lab File: BF077247.D

Acq: 10 Feb 2015 22:08

Instrument :

BNA_F

ClientSampleId :

UB9BMSD

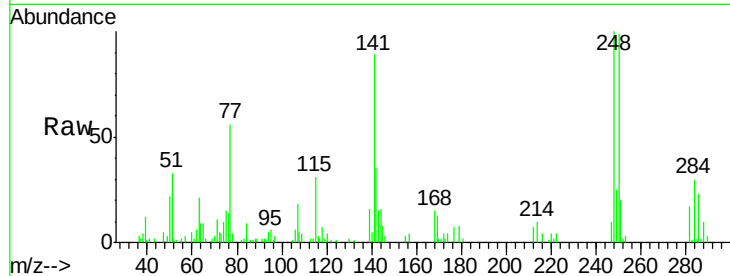
Tgt Ion:248 Resp: 36463

Ion Ratio Lower Upper

248 100

250 99.2 77.1 115.7

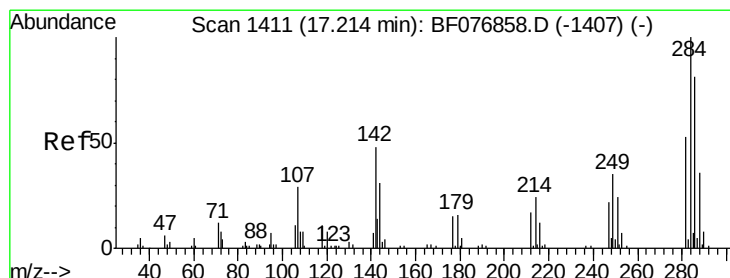
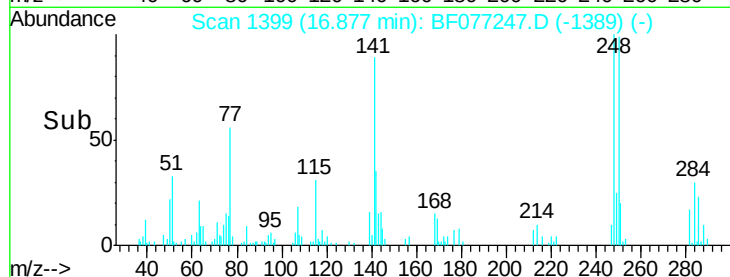
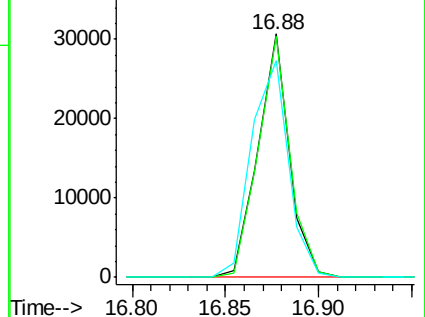
141 89.0 88.2 132.4



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#67

Hexachlorobenzene

Concen: 20.03 ng

RT: 16.89 min Scan# 1400

Delta R.T. 0.01 min

Lab File: BF077247.D

Acq: 10 Feb 2015 22:08

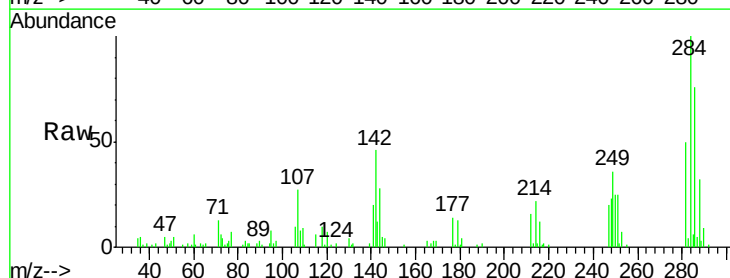
Tgt Ion:284 Resp: 37784

Ion Ratio Lower Upper

284 100

142 46.3 38.2 57.4

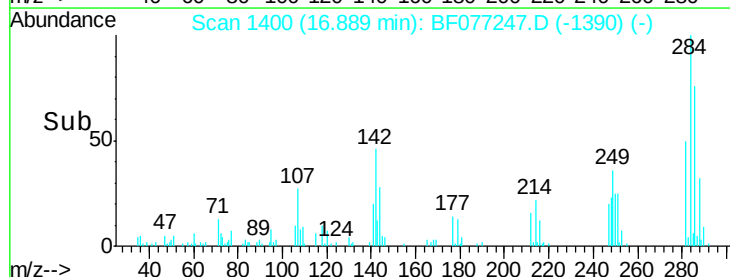
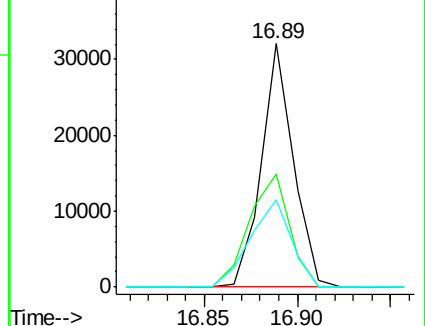
249 36.1 28.2 42.2

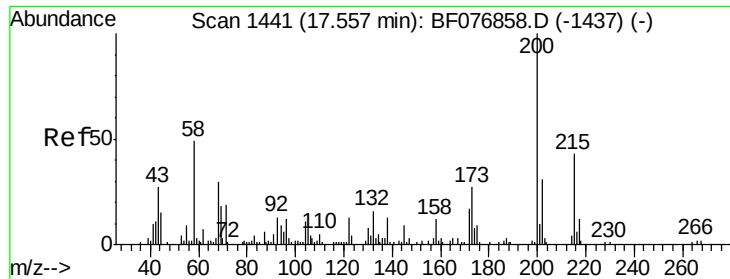


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#68

Atrazine

Concen: 20.83 ng

RT: 17.27 min Scan# 1433

Delta R.T. 0.00 min

Lab File: BF077247.D

Acq: 10 Feb 2015 22:08

Instrument :

BNA_F

ClientSampleId :

UB9BMSD

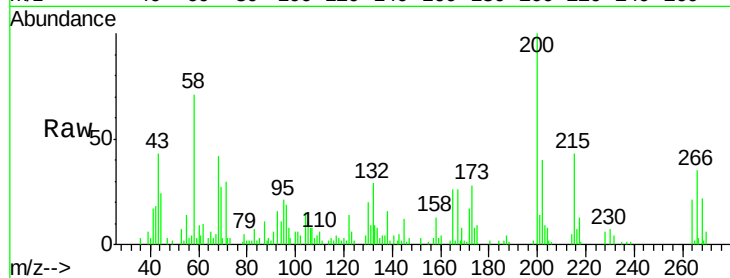
Tgt Ion:200 Resp: 39827

Ion Ratio Lower Upper

200 100

173 27.8 6.6 46.6

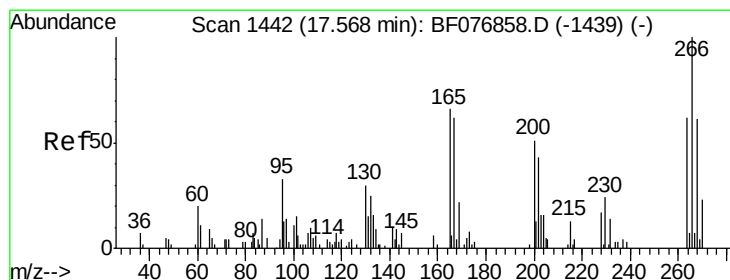
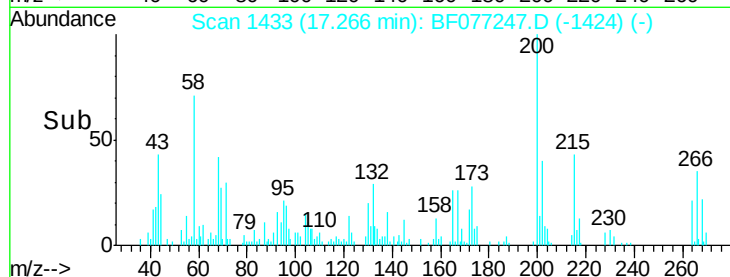
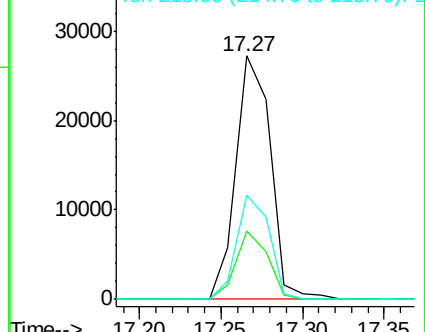
215 42.9 22.9 62.9



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: 31.30 ng

RT: 17.28 min Scan# 1434

Delta R.T. 0.01 min

Lab File: BF077247.D

Acq: 10 Feb 2015 22:08

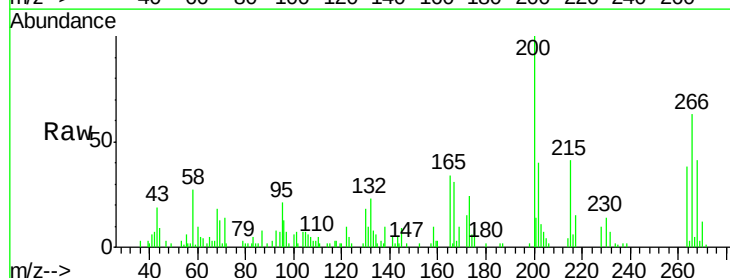
Tgt Ion:266 Resp: 23096

Ion Ratio Lower Upper

266 100

268 63.8 48.6 72.8

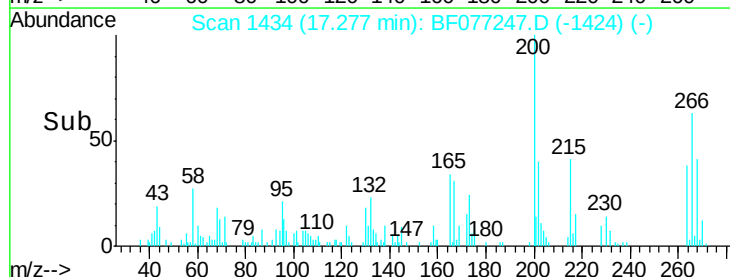
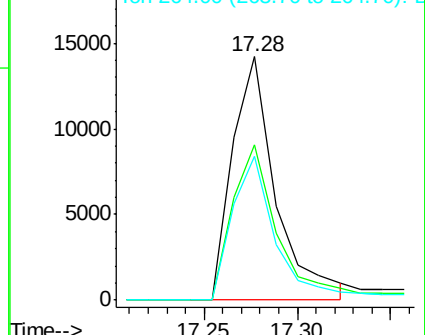
264 59.2 49.5 74.3

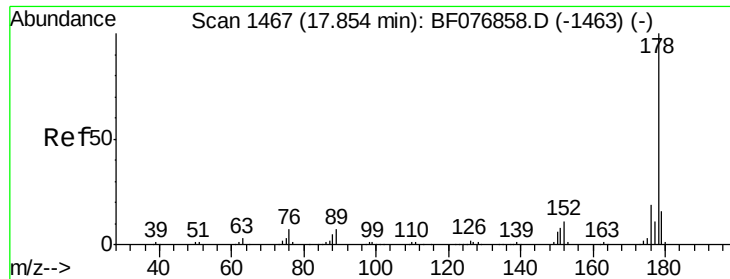


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

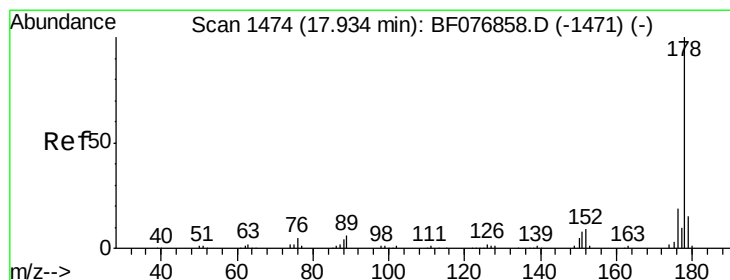
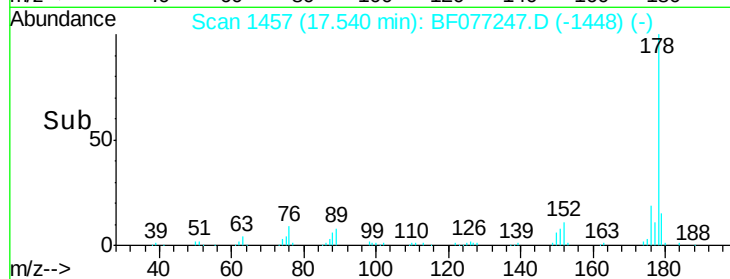
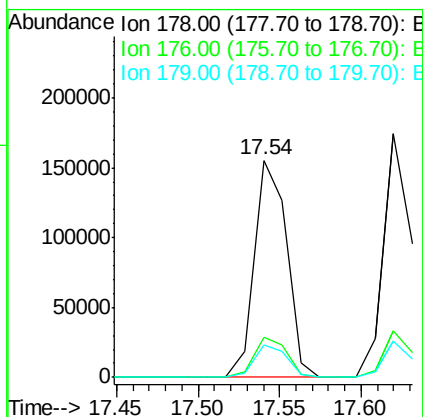
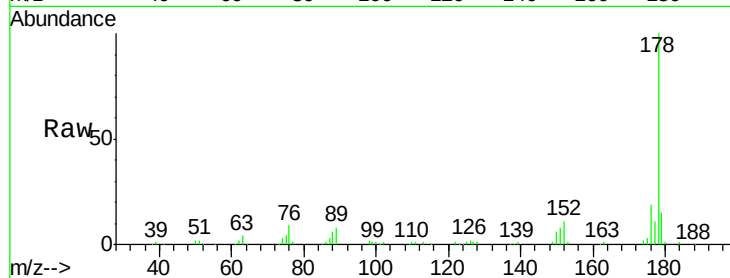




#70
Phenanthrene
Concen: 19.42 ng
RT: 17.54 min Scan# 1457
Delta R.T. 0.00 min
Lab File: BF077247.D
Acq: 10 Feb 2015 22:08

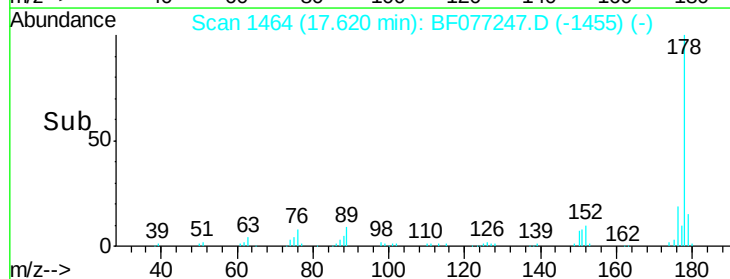
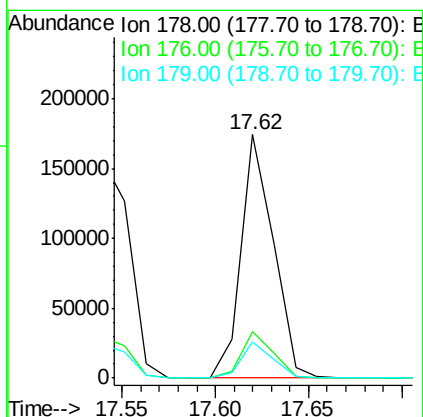
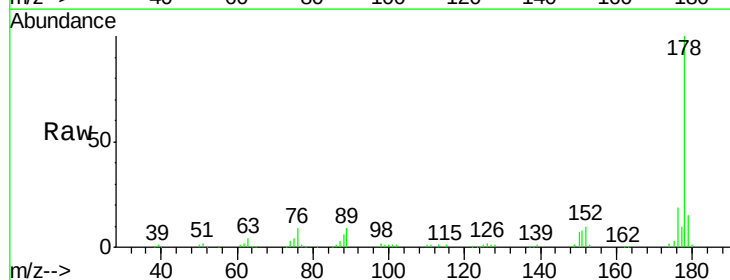
Instrument :
BNA_F
ClientSampleId :
UB9BMSD

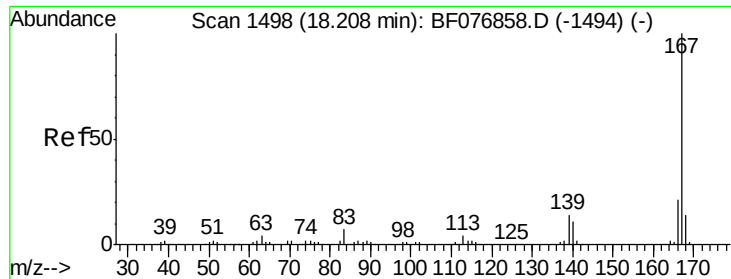
Tgt Ion:178 Resp: 214001
Ion Ratio Lower Upper
178 100
176 18.7 15.1 22.7
179 15.1 12.7 19.1



#71
Anthracene
Concen: 19.55 ng
RT: 17.62 min Scan# 1464
Delta R.T. 0.00 min
Lab File: BF077247.D
Acq: 10 Feb 2015 22:08

Tgt Ion:178 Resp: 210072
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.0
179 14.9 11.9 17.9

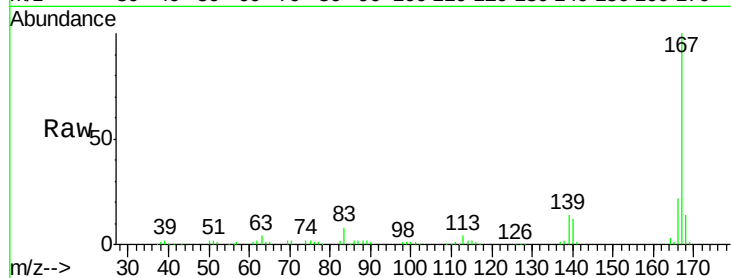




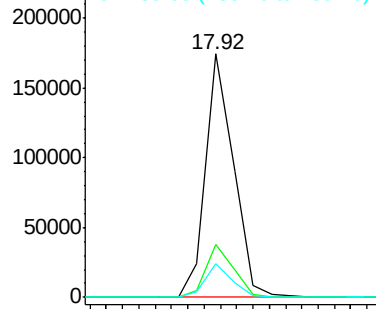
#72
 Carbazole
 Concen: 19.79 ng
 RT: 17.92 min Scan# 1490
 Delta R.T. 0.00 min
 Lab File: BF077247.D
 Acq: 10 Feb 2015 22:08

Instrument :
 BNA_F
 ClientSampleId :
 UB9BMSD

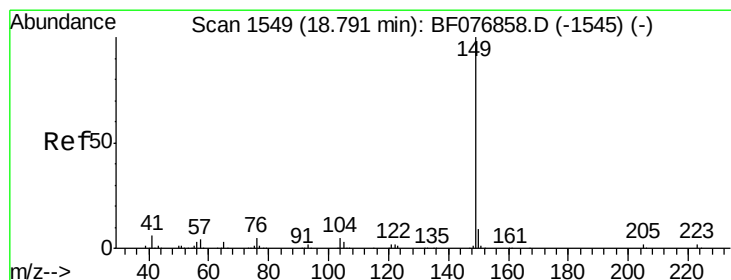
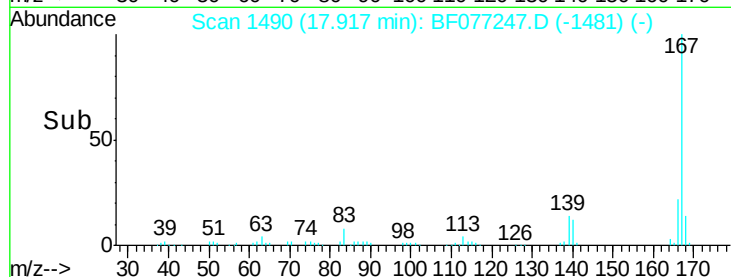
Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.0	25.6
139	13.8	11.3	16.9



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

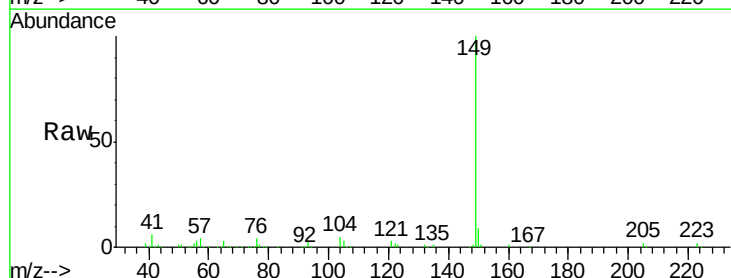


Time-->

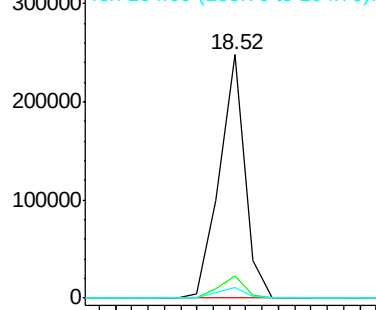


#73
 Di-n-butylphthalate
 Concen: 22.24 ng
 RT: 18.52 min Scan# 1543
 Delta R.T. 0.00 min
 Lab File: BF077247.D
 Acq: 10 Feb 2015 22:08

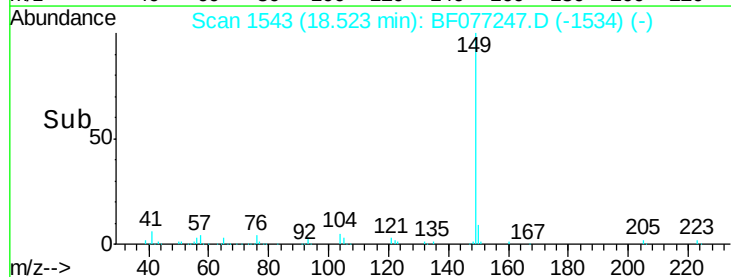
Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	6.9	10.3
104	4.6	3.7	5.5

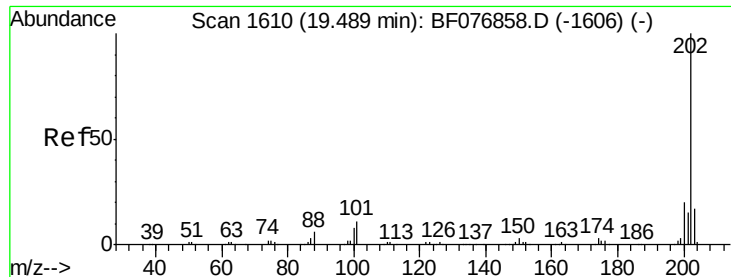


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E



Time-->

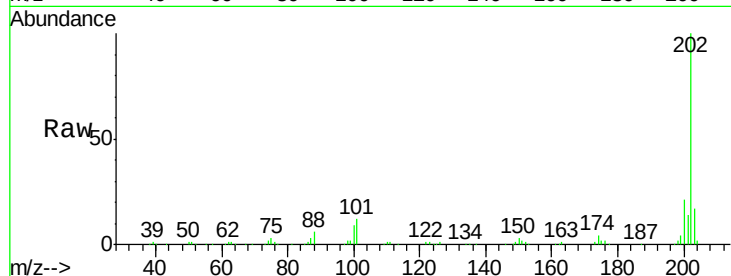




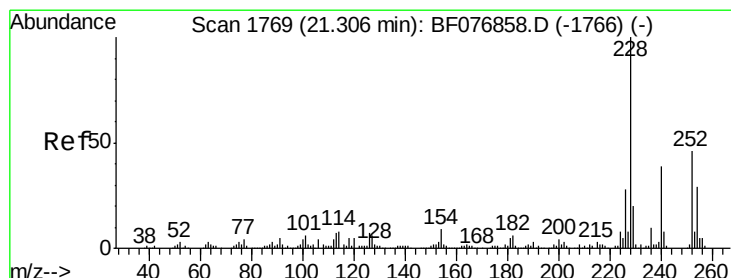
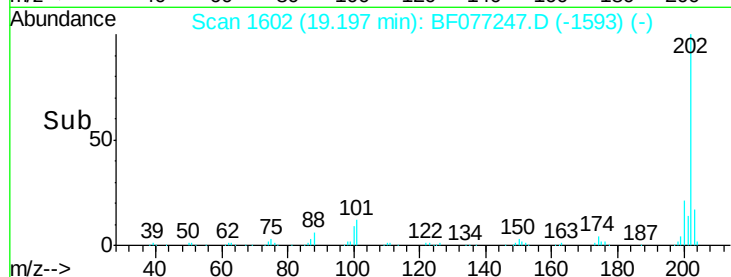
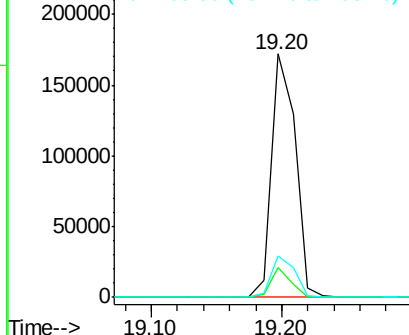
#74
 Fluoranthene
 Concen: 19.54 ng
 RT: 19.20 min Scan# 1602
 Delta R.T. 0.00 min
 Lab File: BF077247.D
 Acq: 10 Feb 2015 22:08

Instrument :
 BNA_F
 ClientSampleId :
 UB9BMSD

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	220589		
101	12.4		0.0	30.7
203	16.9		0.0	36.9

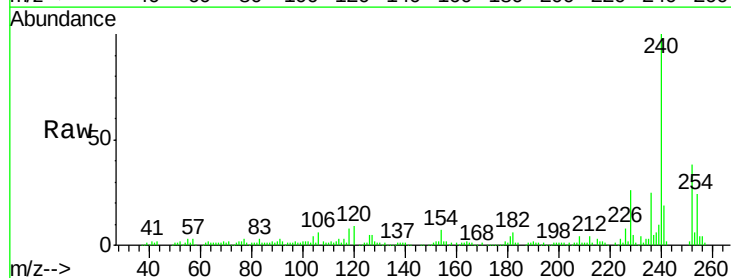


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

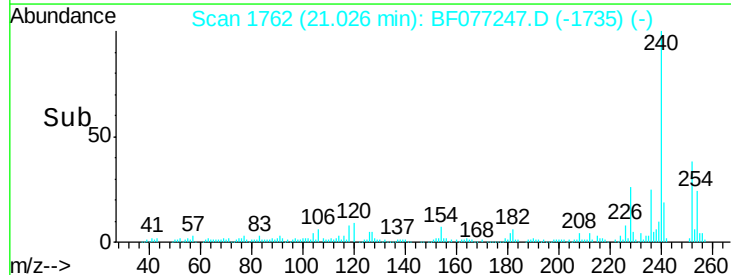
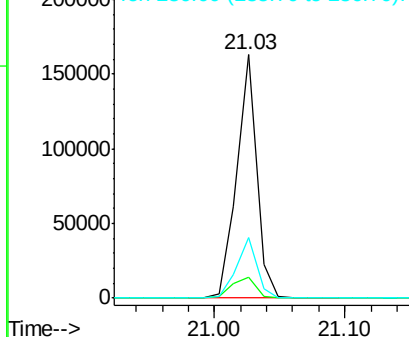


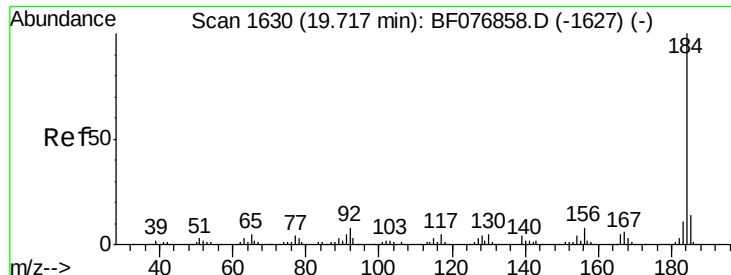
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.03 min Scan# 1762
 Delta R.T. 0.01 min
 Lab File: BF077247.D
 Acq: 10 Feb 2015 22:08

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	172303		
120	8.7		10.4	15.6#
236	24.7		20.2	30.2



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

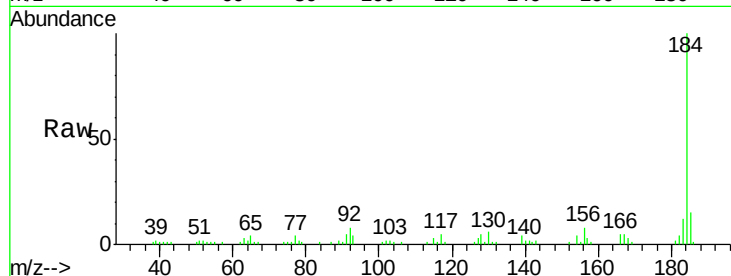




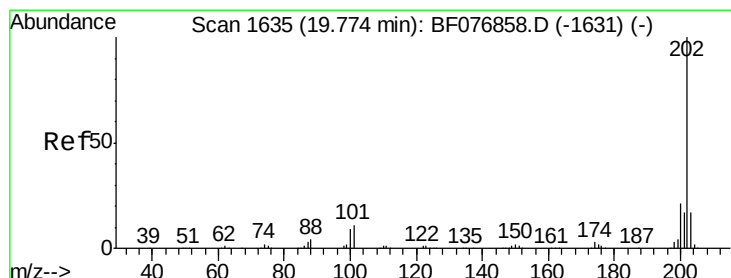
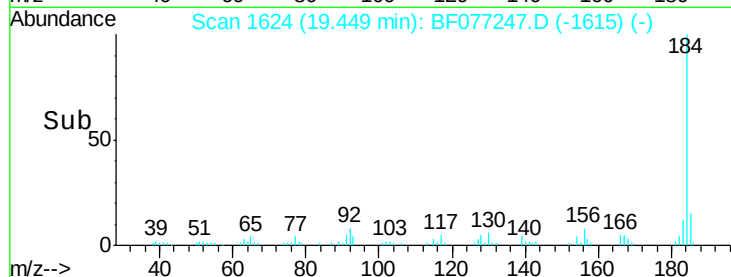
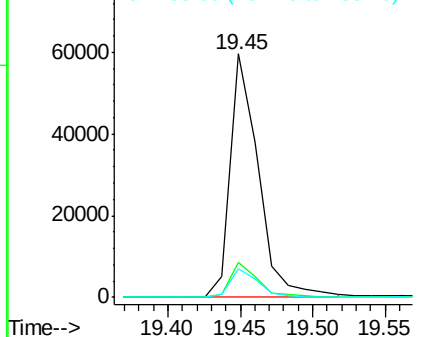
#76
Benzidine
Concen: 14.59 ng
RT: 19.45 min Scan# 1624
Delta R.T. 0.00 min
Lab File: BF077247.D
Acq: 10 Feb 2015 22:08

Instrument :
BNA_F
ClientSampleId :
UB9BMSD

Tgt Ion:184 Resp: 80436
Ion Ratio Lower Upper
184 100
185 14.6 11.4 17.2
183 11.8 9.0 13.6

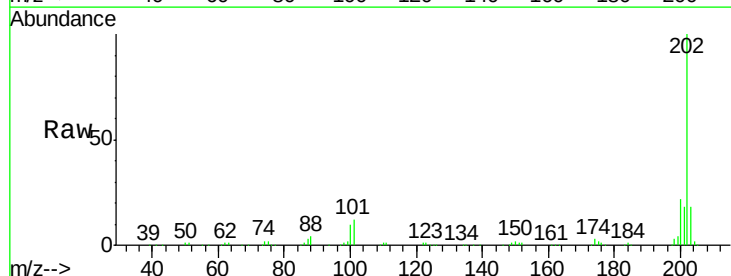


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

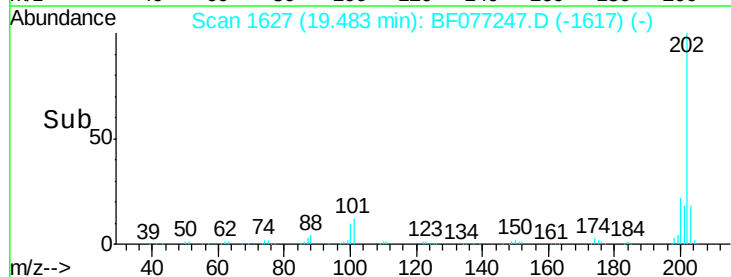
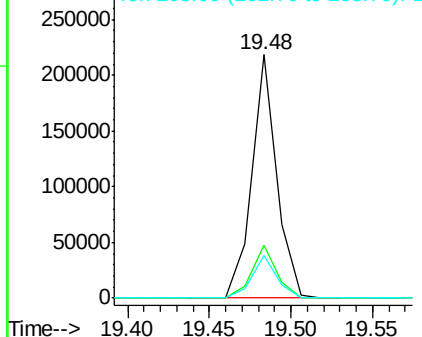


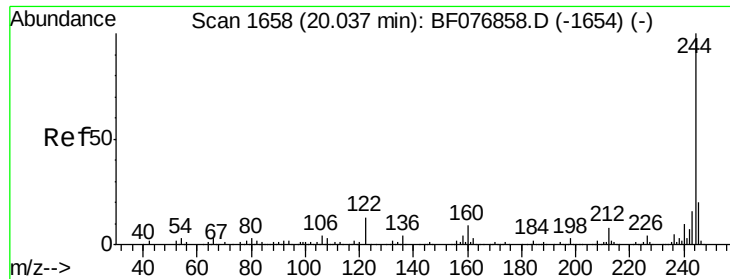
#77
Pyrene
Concen: 19.55 ng
RT: 19.48 min Scan# 1627
Delta R.T. 0.01 min
Lab File: BF077247.D
Acq: 10 Feb 2015 22:08

Tgt Ion:202 Resp: 230844
Ion Ratio Lower Upper
202 100
200 21.9 16.7 25.1
203 17.7 14.0 21.0



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

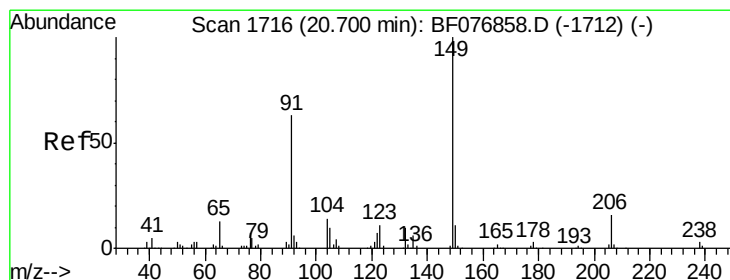
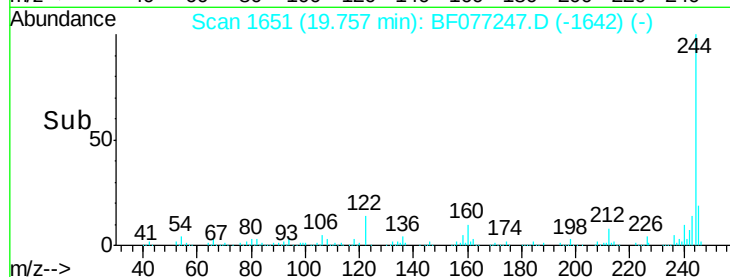
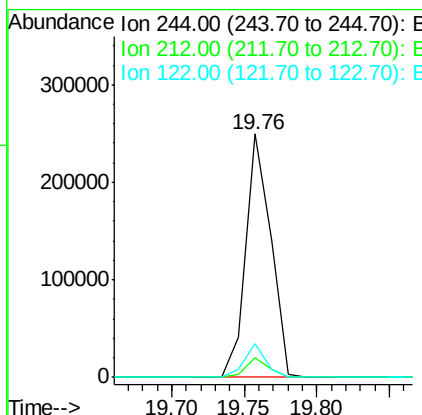
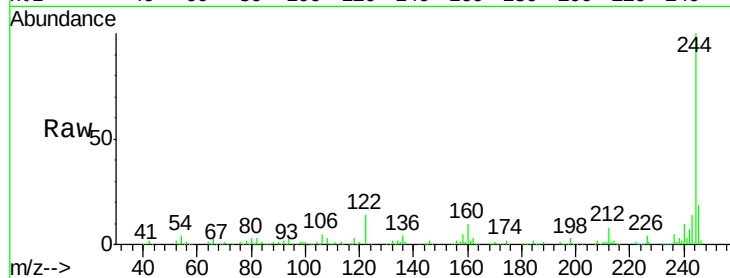




#78
 Terphenyl-d14
 Concen: 39.97 ng
 RT: 19.76 min Scan# 1651
 Delta R.T. 0.00 min
 Lab File: BF077247.D
 Acq: 10 Feb 2015 22:08

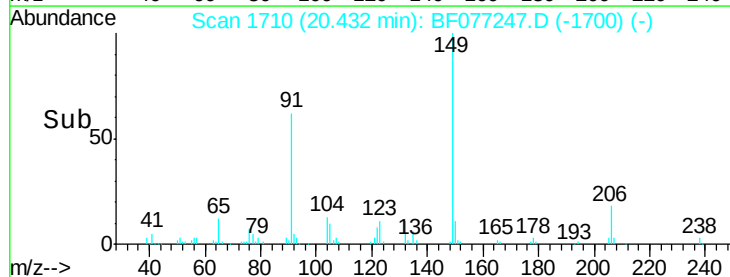
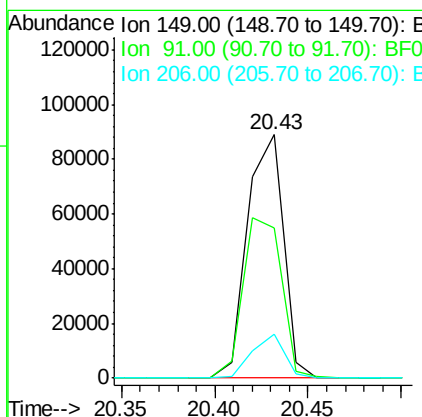
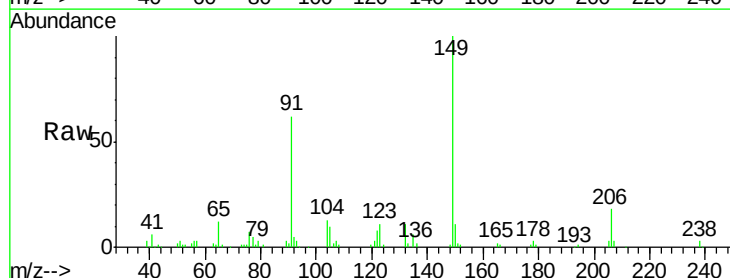
Instrument :
 BNA_F
 ClientSampleId :
 UB9BMSD

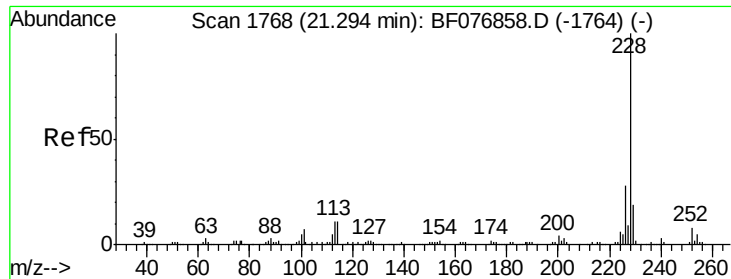
Tgt Ion:244 Resp: 299158
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.3 9.5
 122 13.7 10.1 15.1



#79
 Butylbenzylphthalate
 Concen: 22.33 ng
 RT: 20.43 min Scan# 1710
 Delta R.T. 0.01 min
 Lab File: BF077247.D
 Acq: 10 Feb 2015 22:08

Tgt Ion:149 Resp: 119432
 Ion Ratio Lower Upper
 149 100
 91 61.9 50.6 76.0
 206 17.9 12.8 19.2

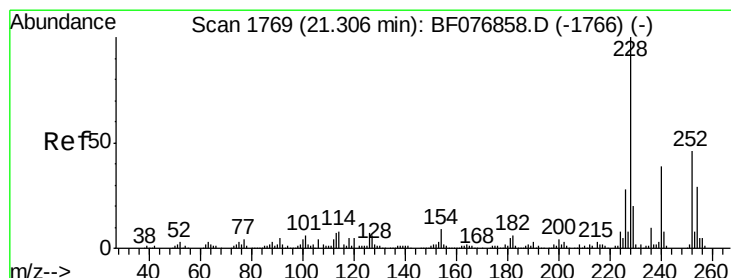
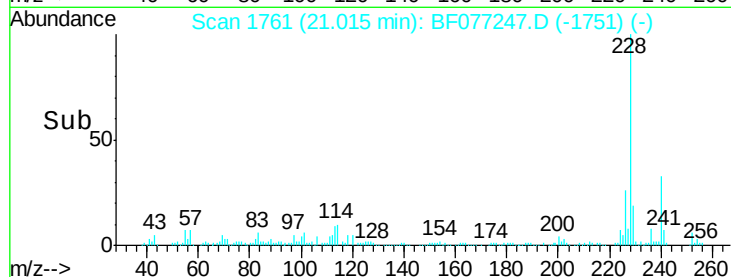
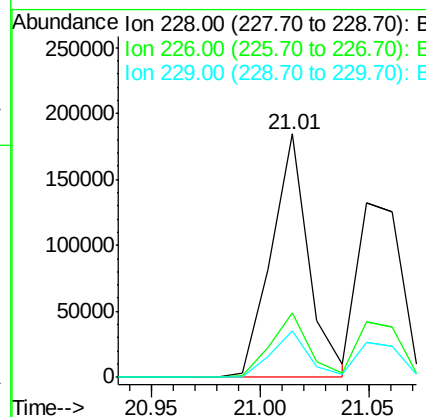
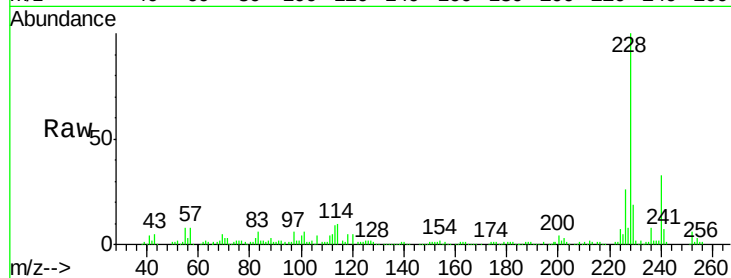




#80
Benzo(a)anthracene
Concen: 20.50 ng
RT: 21.01 min Scan# 1761
Delta R.T. 0.01 min
Lab File: BF077247.D
Acq: 10 Feb 2015 22:08

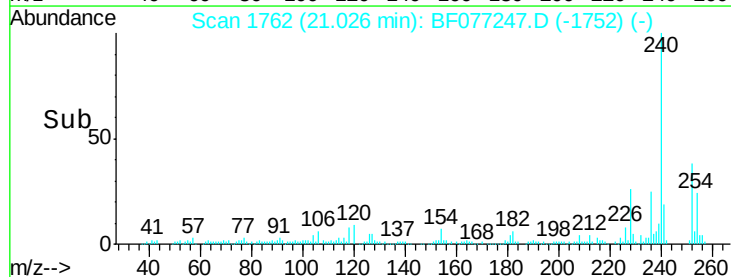
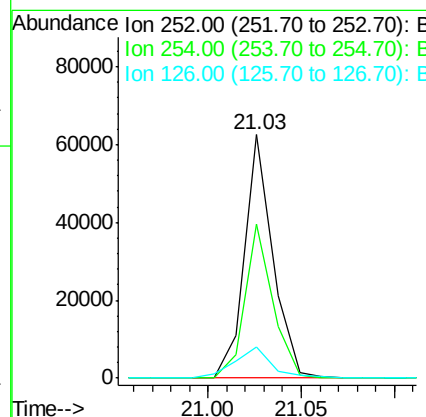
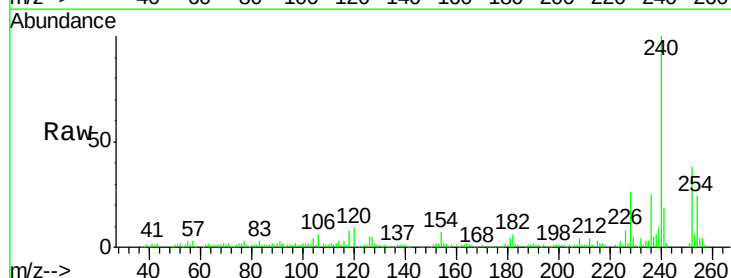
Instrument :
BNA_F
ClientSampleId :
UB9BMSD

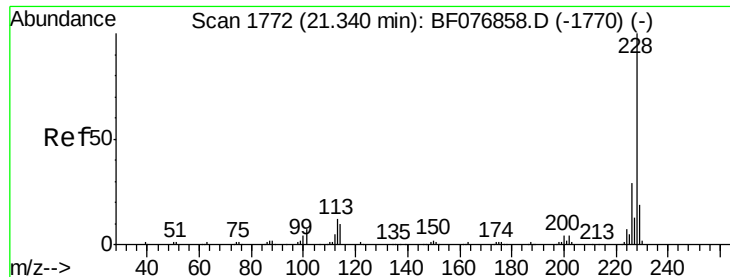
Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.2	22.1	33.1
229	18.8	15.5	23.3



#81
3,3'-Dichlorobenzidine
Concen: 19.29 ng
RT: 21.03 min Scan# 1762
Delta R.T. 0.01 min
Lab File: BF077247.D
Acq: 10 Feb 2015 22:08

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.0	50.2	75.4
126	13.0	11.5	17.3





#82

Chrysene

Concen: 18.66 ng

RT: 21.05 min Scan# 1764

Delta R.T. 0.00 min

Lab File: BF077247.D

Acq: 10 Feb 2015 22:08

Instrument :

BNA_F

ClientSampleId :

UB9BMSD

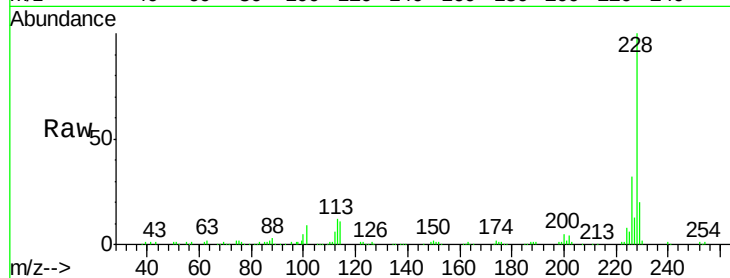
Tgt Ion:228 Resp: 183930

Ion Ratio Lower Upper

228 100

226 31.6 23.4 35.0

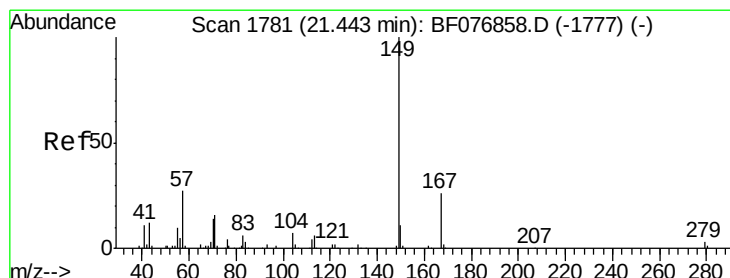
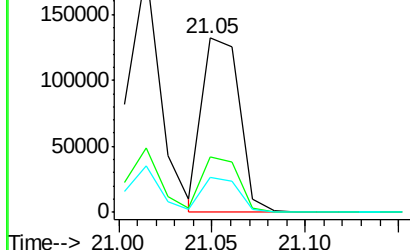
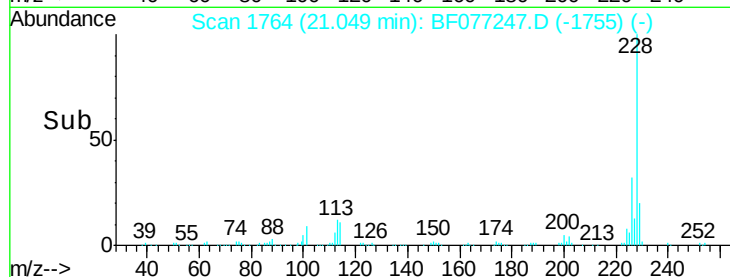
229 20.4 15.4 23.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 23.43 ng

RT: 21.17 min Scan# 1775

Delta R.T. 0.01 min

Lab File: BF077247.D

Acq: 10 Feb 2015 22:08

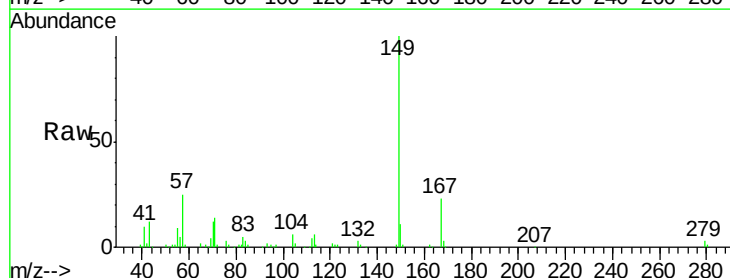
Tgt Ion:149 Resp: 173400

Ion Ratio Lower Upper

149 100

167 23.5 20.6 30.8

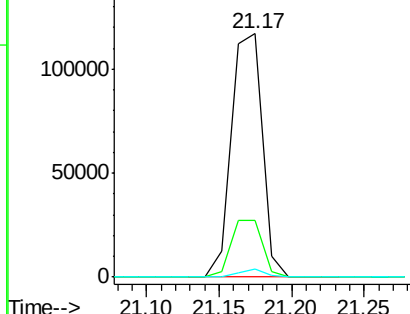
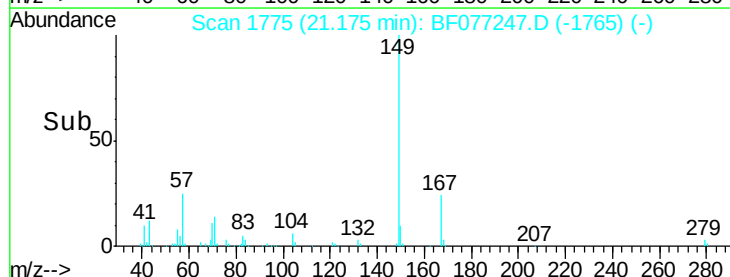
279 3.2 2.2 3.2

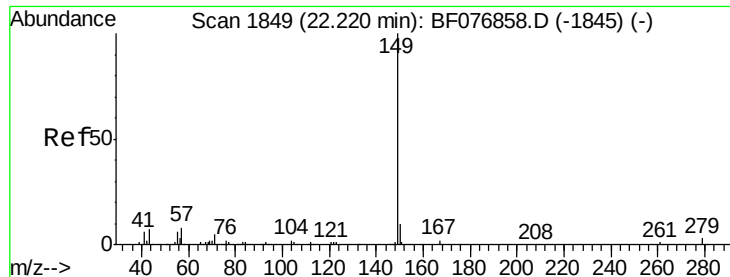


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 22.99 ng

RT: 21.93 min Scan# 1841

Delta R.T. 0.00 min

Lab File: BF077247.D

Acq: 10 Feb 2015 22:08

Instrument :

BNA_F

ClientSampleId :

UB9BMSD

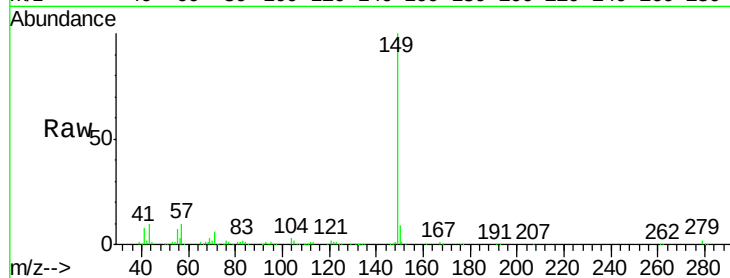
Tgt Ion:149 Resp: 295213

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

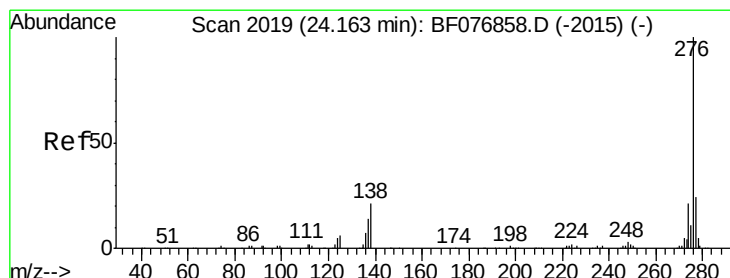
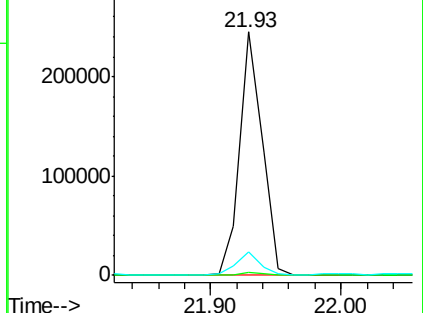
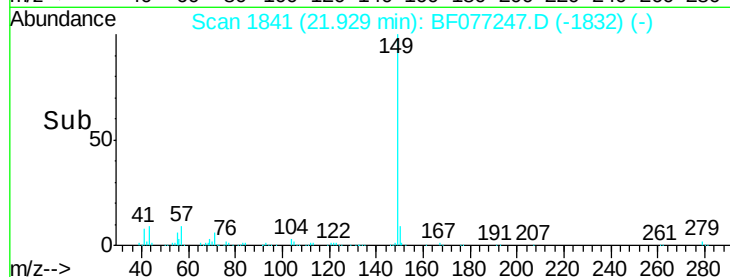
43 9.5 6.6 10.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 17.15 ng

RT: 23.76 min Scan# 2001

Delta R.T. 0.02 min

Lab File: BF077247.D

Acq: 10 Feb 2015 22:08

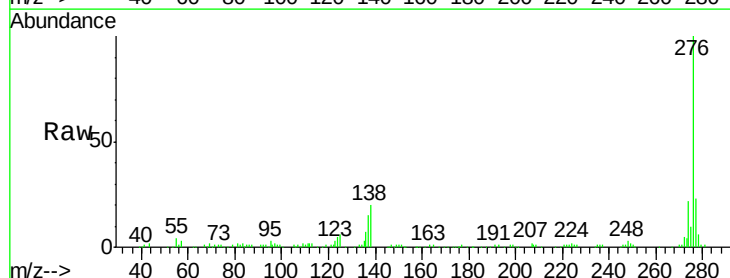
Tgt Ion:276 Resp: 179207

Ion Ratio Lower Upper

276 100

138 27.5 14.6 22.0#

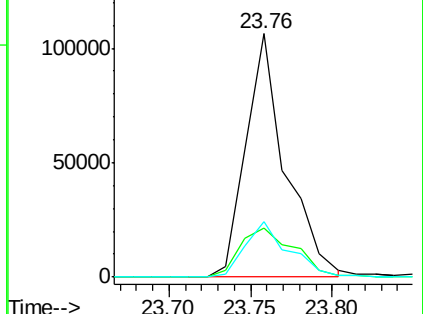
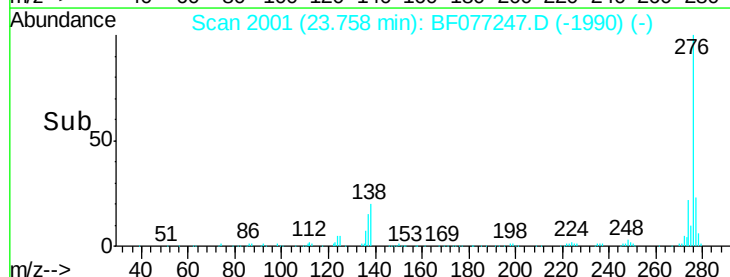
277 25.0 14.8 22.2#

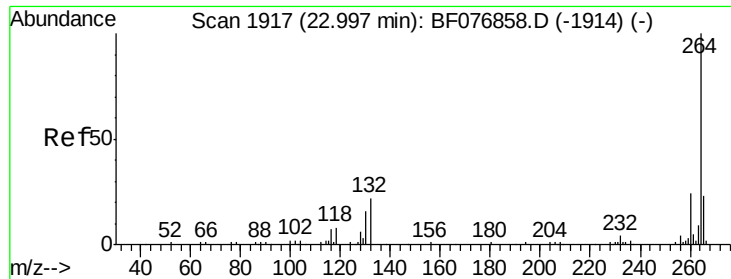


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#86

Perylene-d12

Concen: 20.00 ng

RT: 22.66 min Scan# 1905

Delta R.T. 0.00 min

Lab File: BF077247.D

Acq: 10 Feb 2015 22:08

Instrument :

BNA_F

ClientSampleId :

UB9BMSD

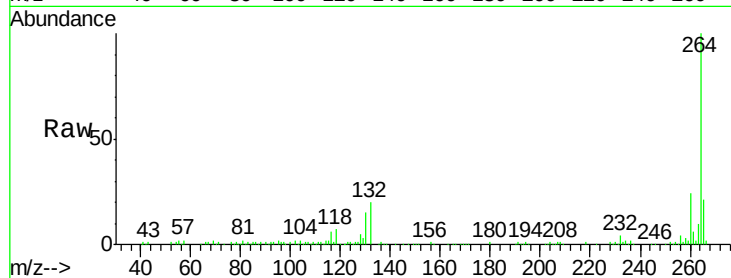
Tgt Ion:264 Resp: 153055

Ion Ratio Lower Upper

264 100

260 23.9 19.0 28.4

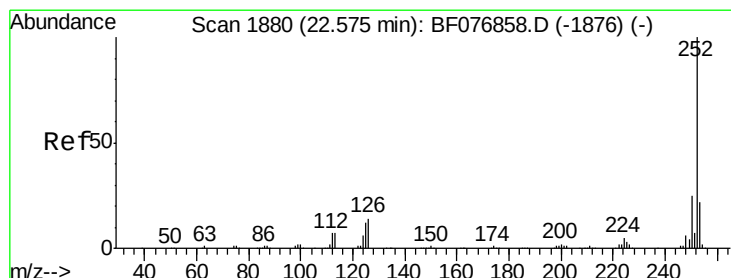
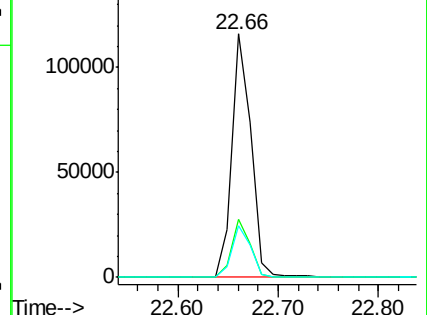
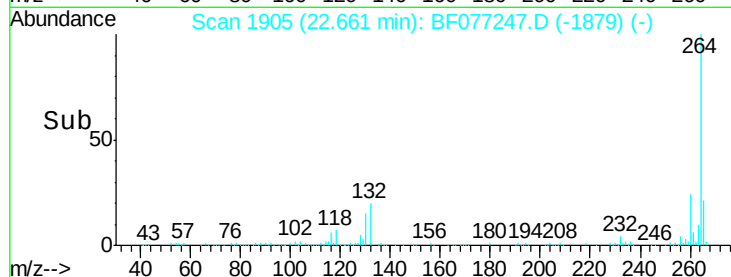
265 21.3 18.1 27.1



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#87

Benzo(b)fluoranthene

Concen: 19.40 ng

RT: 22.26 min Scan# 1870

Delta R.T. 0.01 min

Lab File: BF077247.D

Acq: 10 Feb 2015 22:08

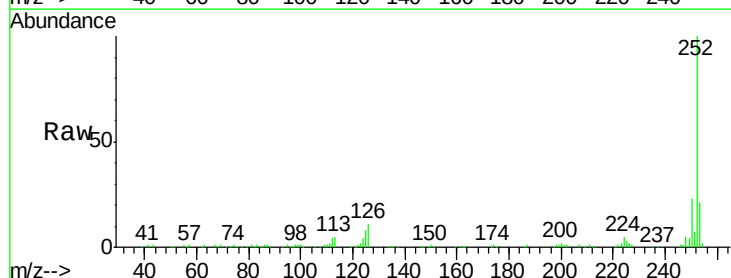
Tgt Ion:252 Resp: 199935

Ion Ratio Lower Upper

252 100

253 21.2 17.5 26.3

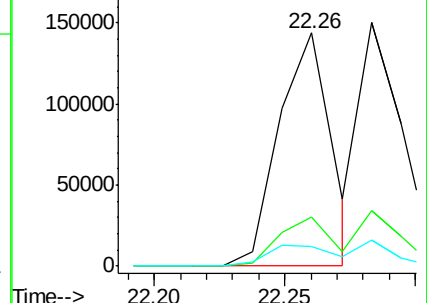
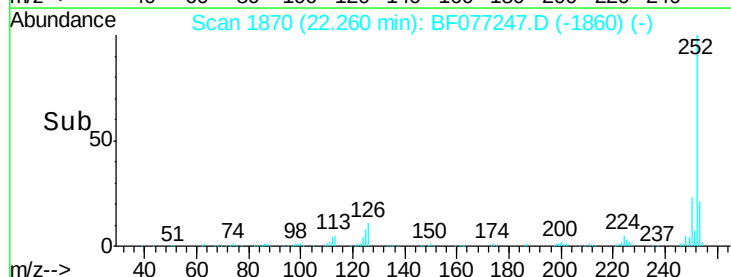
125 8.4 9.4 14.0#

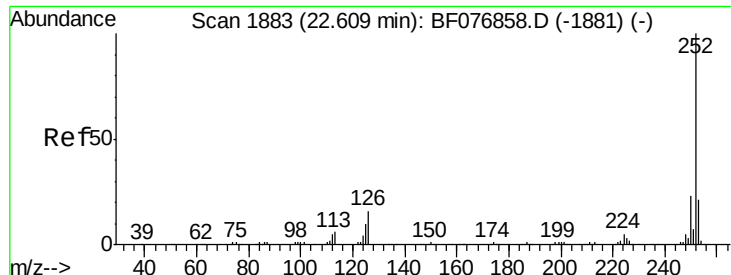


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 22.20 ng

RT: 22.26 min Scan# 1870

Delta R.T. 0.01 min

Lab File: BF077247.D

Acq: 10 Feb 2015 22:08

Instrument :

BNA_F

ClientSampleId :

UB9BMSD

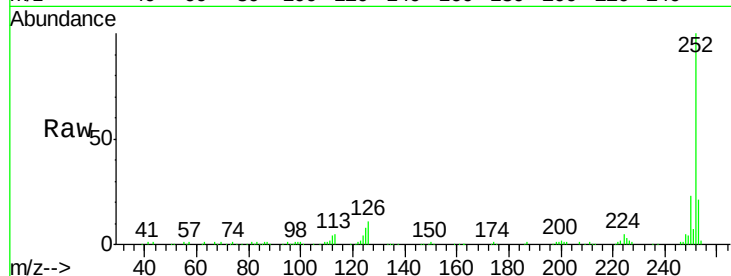
Tgt Ion:252 Resp: 199935

Ion Ratio Lower Upper

252 100

253 21.2 17.2 25.8

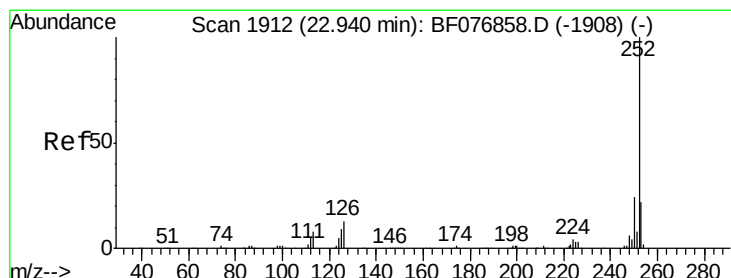
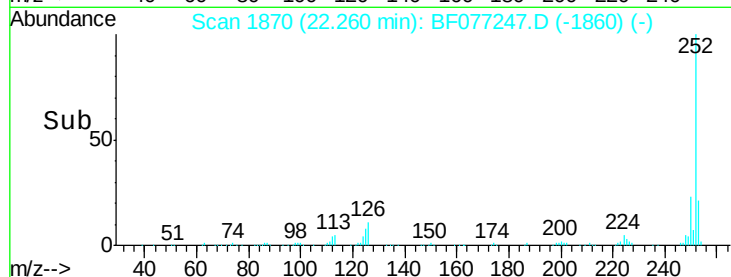
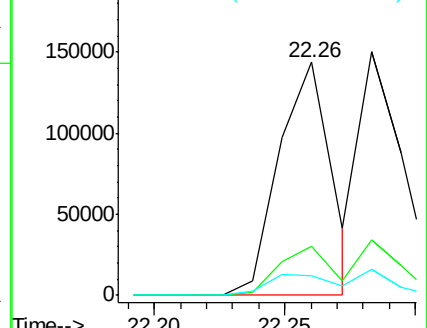
125 8.4 7.1 10.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 20.06 ng

RT: 22.60 min Scan# 1900

Delta R.T. 0.01 min

Lab File: BF077247.D

Acq: 10 Feb 2015 22:08

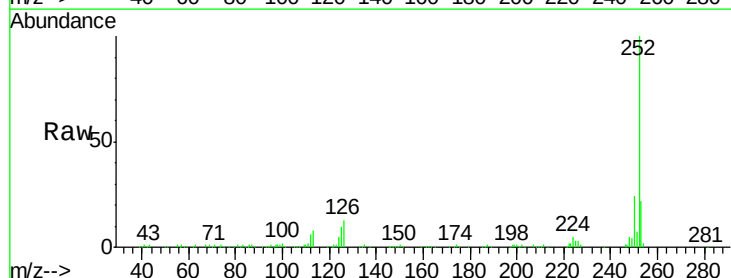
Tgt Ion:252 Resp: 182437

Ion Ratio Lower Upper

252 100

253 21.7 17.9 26.9

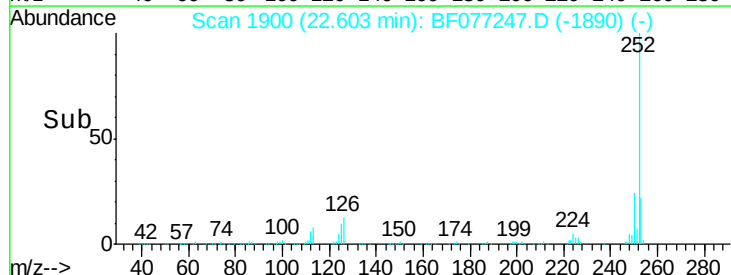
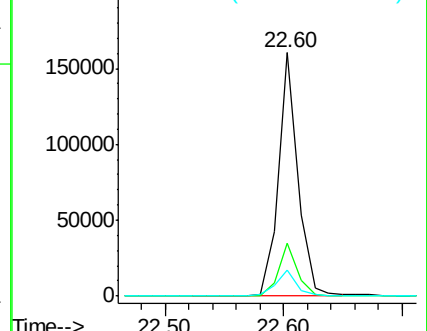
125 10.4 7.2 10.8

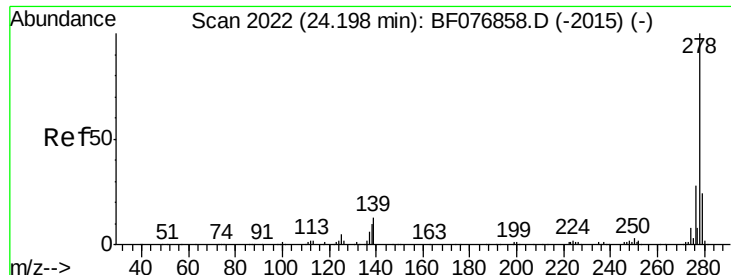


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 18.43 ng

RT: 23.78 min Scan# 2003

Delta R.T. 0.02 min

Lab File: BF077247.D

Acq: 10 Feb 2015 22:08

Instrument :

BNA_F

ClientSampleId :

UB9BMSD

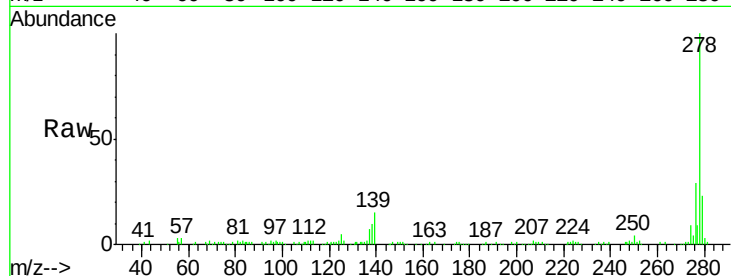
Tgt Ion:278 Resp: 153753

Ion Ratio Lower Upper

278 100

139 14.7 10.5 15.7

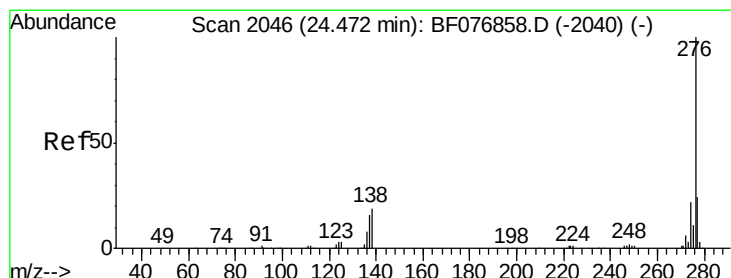
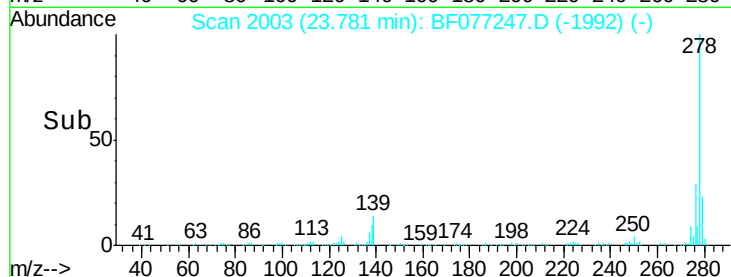
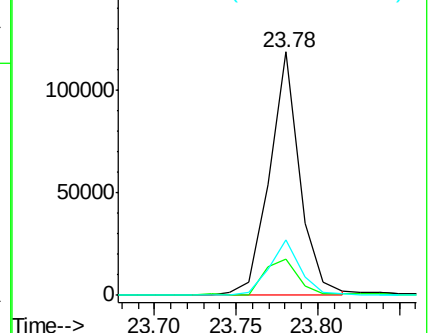
279 22.7 19.3 28.9



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 17.71 ng

RT: 24.02 min Scan# 2024

Delta R.T. 0.02 min

Lab File: BF077247.D

Acq: 10 Feb 2015 22:08

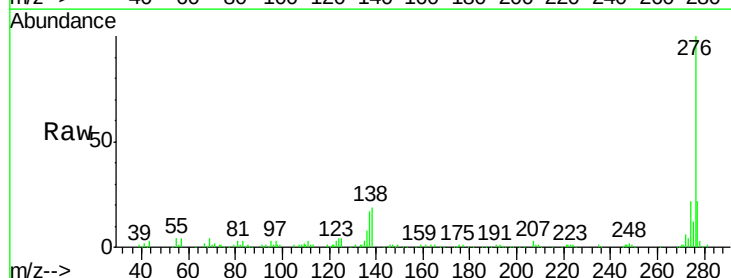
Tgt Ion:276 Resp: 146915

Ion Ratio Lower Upper

276 100

277 22.5 19.5 29.3

138 19.3 15.0 22.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

