

Data Path : Z:\HPCHEM1\BNA F\Data\BF011915\
 Data File : BF076936.D
 Acq On : 19 Jan 2015 18:50
 Operator : IZ / TP
 Sample : PB81350BS
 Misc : W
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 20 01:16:23 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 19 23:54:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	32626	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	144249	20.00	ng	0.00
38) Acenaphthene-d10	15.02	164	78822	20.00	ng	0.00
63) Phenanthrene-d10	17.77	188	128541	20.00	ng	0.00
75) Chrysene-d12	21.27	240	124672	20.00	ng	0.00
86) Perylene-d12	22.92	264	108198	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.04	112	252985	127.49	ng	0.01
7) Phenol-d6	7.37	99	314974	125.82	ng	0.00
23) Nitrobenzene-d5	9.27	82	194010	74.51	ng	-0.01
41) 2,4,6-Tribromophenol	16.69	330	78323	122.41	ng	0.00
44) 2-Fluorobiphenyl	13.53	172	391891	75.66	ng	0.00
78) Terphenyl-d14	20.00	244	402538	74.33	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	1.30	88	23286	27.41	ng	97
3) Pyridine	1.80	79	62963	28.64	ng	90
4) n-Nitrosodimethylamine	1.74	42	41670	38.26	ng	96
6) Aniline	7.26	93	67054	19.36	ng	97
8) 2-Chlorophenol	7.50	128	89214	39.00	ng	93
9) Benzaldehyde	6.98	77	22664	13.86	ng	96
10) Phenol	7.40	94	102129	38.42	ng	88
11) bis(2-Chloroethyl)ether	7.51	93	82682	39.75	ng	90
12) 1,3-Dichlorobenzene	7.82	146	96395	37.04	ng	96
13) 1,4-Dichlorobenzene	8.01	146	96971	35.14	ng	98
14) 1,2-Dichlorobenzene	8.32	146	95632	37.61	ng	98
15) Benzyl Alcohol	8.40	79	75825	37.43	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.76	45	106440	38.07	ng	97
17) 2-Methylphenol	8.76	107	69627	37.24	ng	95
18) Hexachloroethane	9.08	117	35219	36.69	ng	96
19) n-Nitroso-di-n-propylamine	9.04	70	64015	36.53	ng	99
20) 3+4-Methylphenols	9.13	107	90538	36.58	ng	98
22) Acetophenone	8.96	105	128221	36.29	ng	99
24) Nitrobenzene	9.32	77	97591	36.79	ng	95
25) Isophorone	9.91	82	168884	35.62	ng	98
26) 2-Nitrophenol	10.06	139	47795	35.66	ng	92
27) 2,4-Dimethylphenol	10.33	122	80065	39.04	ng	96
28) bis(2-Chloroethoxy)methane	10.54	93	103357	38.35	ng	99
29) 2,4-Dichlorophenol	10.65	162	76350	39.94	ng	95
30) 1,2,4-Trichlorobenzene	10.79	180	77231	36.37	ng	98
31) Naphthalene	10.93	128	257287	34.64	ng	98
32) Benzoic acid	10.69	122	26329	23.17	ng	98
33) 4-Chloroaniline	11.17	127	53423	17.80	ng	98
34) Hexachlorobutadiene	11.29	225	43416	34.46	ng	97
35) Caprolactam	12.01	113	20100	35.71	ng	93
36) 4-Chloro-3-methylphenol	12.47	107	80544	36.80	ng	99
37) 2-Methylnaphthalene	12.58	142	184142	36.31	ng	96
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	72146	37.02	ng	95
40) Hexachlorocyclopentadiene	12.97	237	76605	73.42	ng	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.33	196	51440	36.23	nq	94
43) 2,4,5-Trichlorophenol	13.42	196	51668	35.68	nq	98
45) 1,1'-Biphenyl	13.74	154	220039	37.66	nq	98
46) 2-Chloronaphthalene	13.72	162	174411	36.27	nq	98
47) 2-Nitroaniline	14.06	65	54857	37.61	nq	# 85
48) Acenaphthylene	14.67	152	284637	35.09	nq	98
49) Dimethylphthalate	14.61	163	207303	37.09	nq	100
50) 2,6-Dinitrotoluene	14.70	165	43597	39.04	nq	91
51) Acenaphthene	15.09	154	159121	34.58	nq	97
52) 3-Nitroaniline	15.05	138	33883	24.17	nq	95
53) 2,4-Dinitrophenol	15.33	184	36313	70.86	nq	93
54) Dibenzofuran	15.51	168	246331	36.75	nq	99
55) 4-Nitrophenol	15.64	139	64472	73.58	nq	97
56) 2,4-Dinitrotoluene	15.64	165	59446	36.06	nq	# 81
57) Fluorene	16.23	166	205351	36.16	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.84	232	40959	38.84	nq	# 96
59) Diethylphthalate	16.22	149	211681	37.47	nq	99
60) 4-Chlorophenyl-phenylether	16.32	204	86125	37.06	nq	# 85
61) 4-Nitroaniline	16.37	138	45130	32.53	nq	97
62) Azobenzene	16.60	77	214127	36.38	nq	98
64) 4,6-Dinitro-2-methylphenol	16.44	198	27552	34.36	nq	95
65) n-Nitrosodiphenylamine	16.55	169	165794	36.17	nq	98
66) 4-Bromophenyl-phenylether	17.16	248	48571	37.30	nq	89
67) Hexachlorobenzene	17.17	284	51359	37.42	nq	92
68) Atrazine	17.52	200	59119	42.51	nq	95
69) Pentachlorophenol	17.53	266	47463	75.80	nq	97
70) Phenanthrene	17.81	178	292006	36.43	nq	99
71) Anthracene	17.89	178	286533	36.66	nq	98
72) Carbazole	18.17	167	287550	37.93	nq	98
73) Di-n-butylphthalate	18.76	149	332301	37.86	nq	98
74) Fluoranthene	19.45	202	300782	36.62	nq	99
76) Benzidine	19.69	184	141571	35.49	nq	99
77) Pyrene	19.74	202	322160	37.70	nq	99
79) Butylbenzylphthalate	20.67	149	148056	38.26	nq	97
80) Benzo(a)anthracene	21.26	228	278337	35.58	nq	99
81) 3,3'-Dichlorobenzidine	21.27	252	57739	23.23	nq	98
82) Chrysene	21.31	228	262321	36.77	nq	99
83) Bis(2-ethylhexyl)phthalate	21.40	149	195354	36.49	nq	# 96
84) Di-n-octyl phthalate	22.16	149	346452	37.28	nq	98
85) Indeno(1,2,3-cd)pyrene	24.03	276	247746	32.77	nq	# 81
87) Benzo(b)fluoranthene	22.51	252	294183	40.37	nq	97
88) Benzo(k)fluoranthene	22.51	252	294183	46.21	nq	99
89) Benzo(a)pyrene	22.86	252	250957	39.04	nq	98
90) Dibenzo(a,h)anthracene	24.05	278	216336	36.68	nq	# 94
91) Benzo(g,h,i)perylene	24.32	276	217367	37.07	nq	95

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

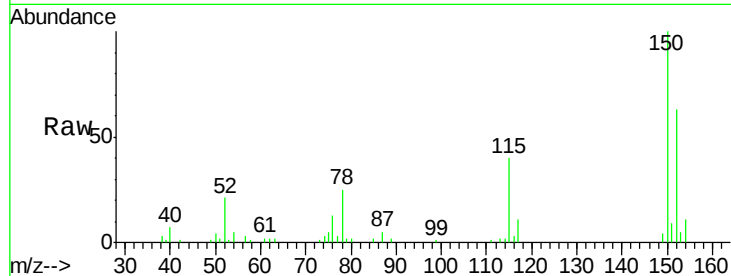


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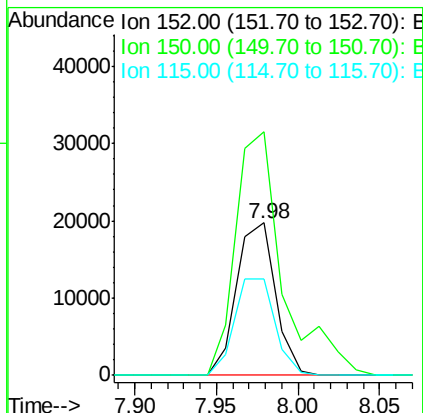
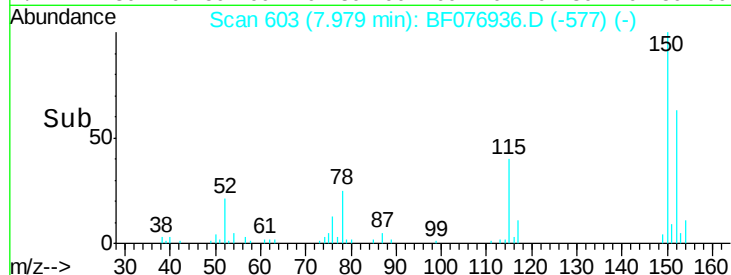
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.98 min Scan# 603
Delta R.T. -0.00 min
Lab File: BF076936.D
Acq: 19 Jan 2015 18:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 32626
Ion Ratio Lower Upper
152 100
150 159.4 121.7 182.5
115 63.5 47.0 70.6



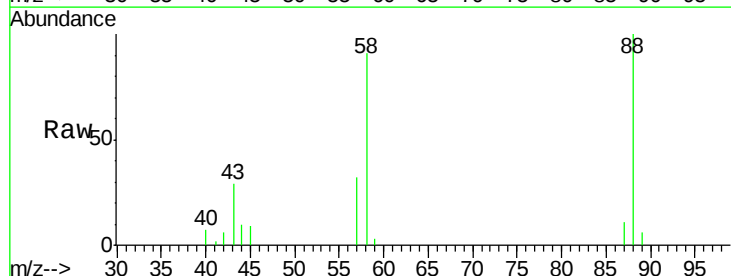
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



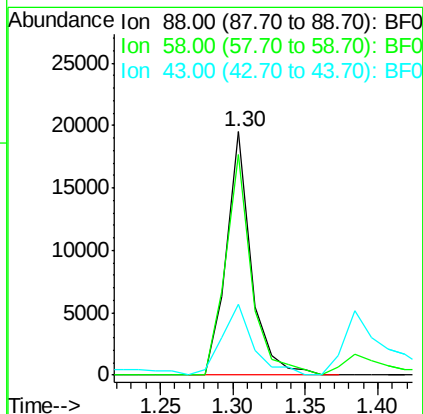
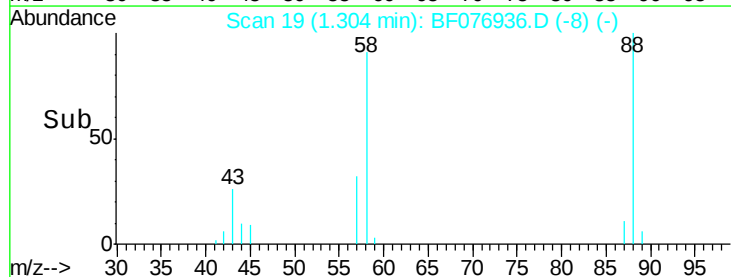
#2

1,4-Dioxane
Concen: 27.41 ng
RT: 1.30 min Scan# 19
Delta R.T. 0.02 min
Lab File: BF076936.D
Acq: 19 Jan 2015 18:50

Tgt Ion: 88 Resp: 23286
Ion Ratio Lower Upper
88 100
58 94.7 77.0 115.4
43 36.5 25.6 38.4



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 28.64 ng

RT: 1.80 min Scan# 62

Delta R.T. 0.05 min

Lab File: BF076936.D

Acq: 19 Jan 2015 18:50

Instrument :

BNA_F

ClientSampleId :

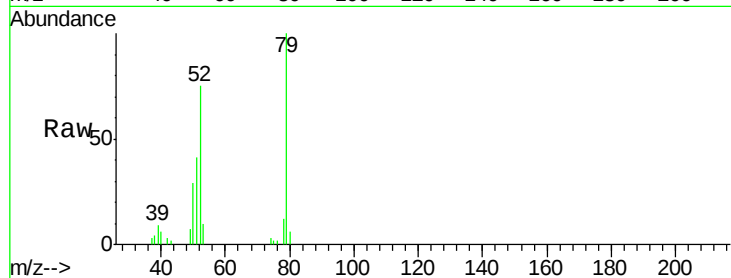
Tot Ion: 79 Resp: 62963

Ion Ratio Lower Upper

79 100

52 75.0 70.1 105.1

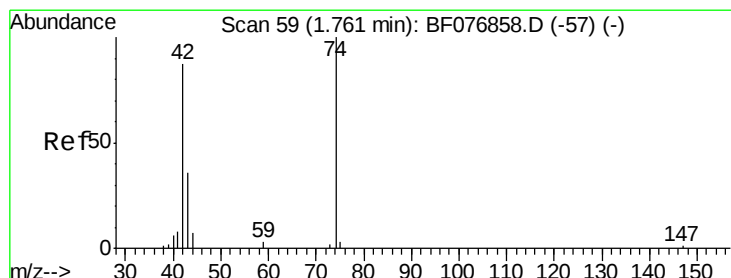
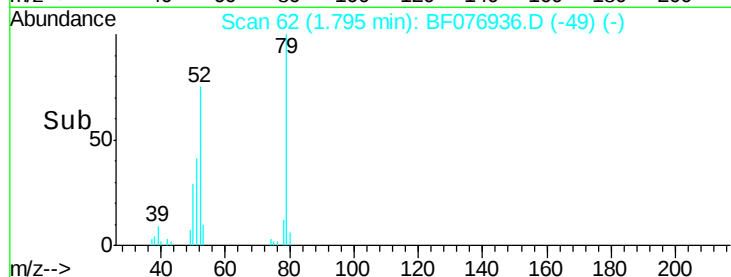
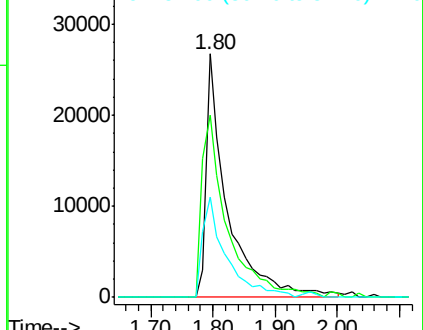
51 41.3 35.1 52.7



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 38.26 ng

RT: 1.74 min Scan# 57

Delta R.T. 0.02 min

Lab File: BF076936.D

Acq: 19 Jan 2015 18:50

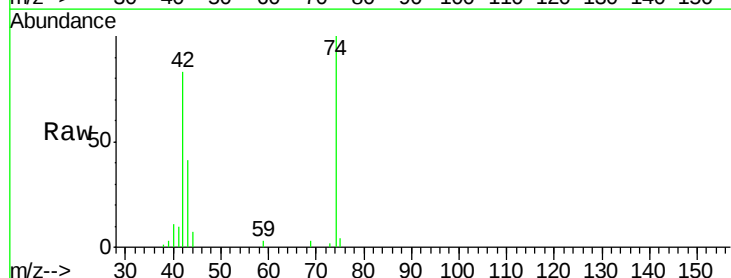
Tgt Ion: 42 Resp: 41670

Ion Ratio Lower Upper

42 100

74 120.2 92.4 138.6

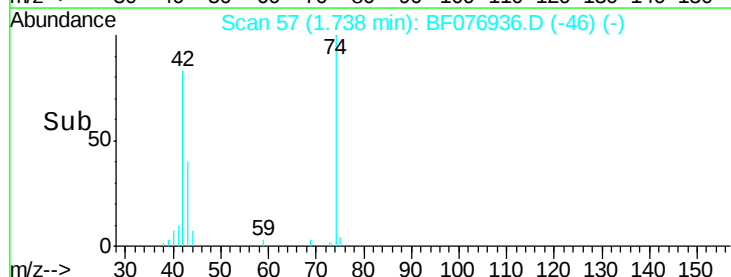
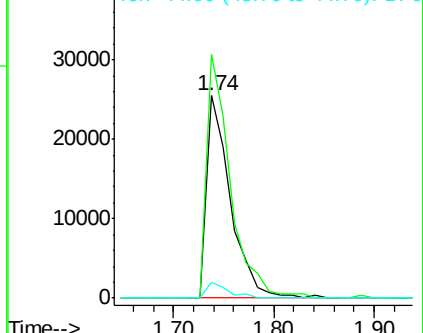
44 7.9 6.2 9.2



Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 127.49 ng

RT: 5.04 min Scan# 346

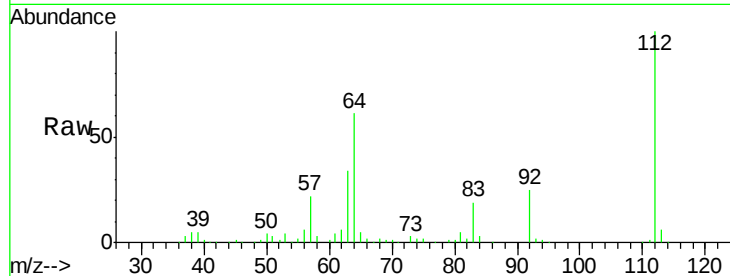
Delta R.T. 0.01 min

Lab File: BF076936.D

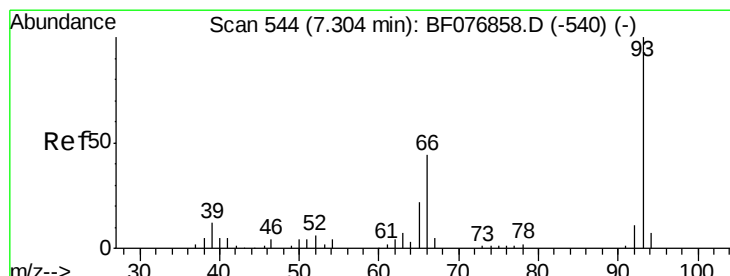
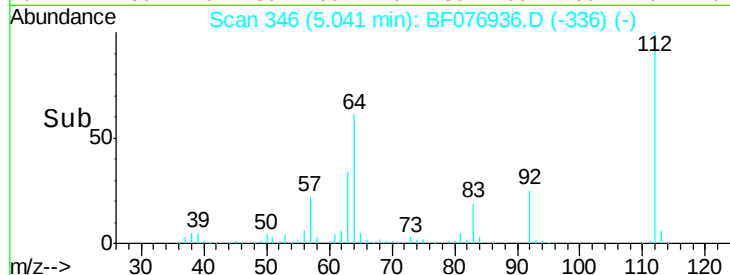
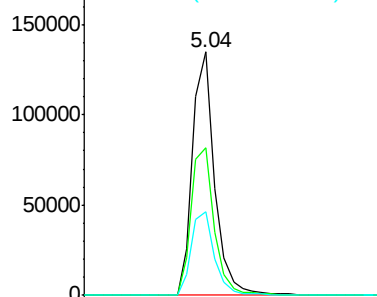
Acq: 19 Jan 2015 18:50

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	252985
Ion	Ratio	Lower	Upper
112	100		
64	60.6	54.2	81.4
63	34.3	28.4	42.6



Abundance Ion 112.00 (111.70 to 112.70): B



#6

Aniline

Concen: 19.36 ng

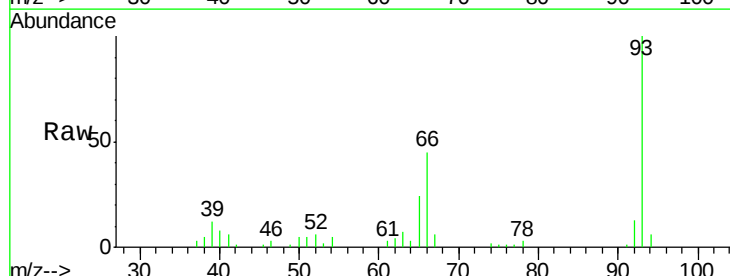
RT: 7.26 min Scan# 540

Delta R.T. -0.00 min

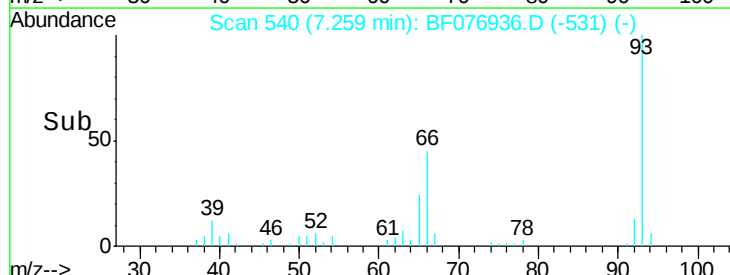
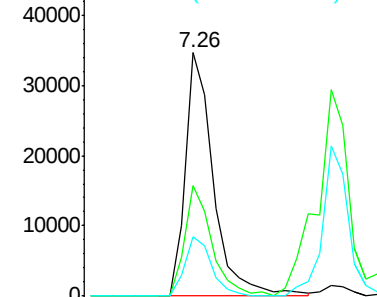
Lab File: BF076936.D

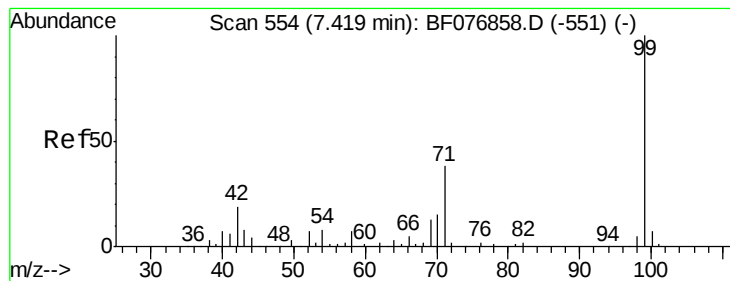
Acq: 19 Jan 2015 18:50

Tgt Ion:	93	Resp:	67054
Ion	Ratio	Lower	Upper
93	100		
66	45.5	35.0	52.4
65	24.2	17.7	26.5



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 125.82 ng

RT: 7.37 min Scan# 550

Delta R.T. -0.00 min

Lab File: BF076936.D

Acq: 19 Jan 2015 18:50

Instrument :

BNA_F

ClientSampleId :

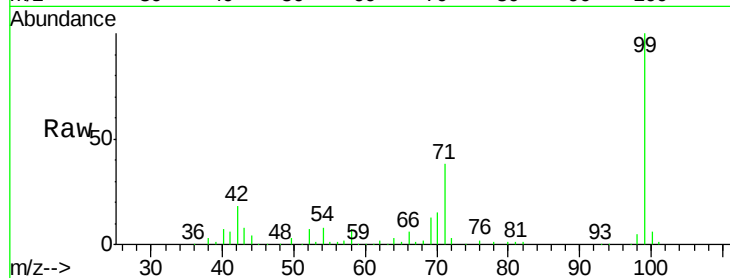
Tot Ion: 99 Resp: 314974

Ion Ratio Lower Upper

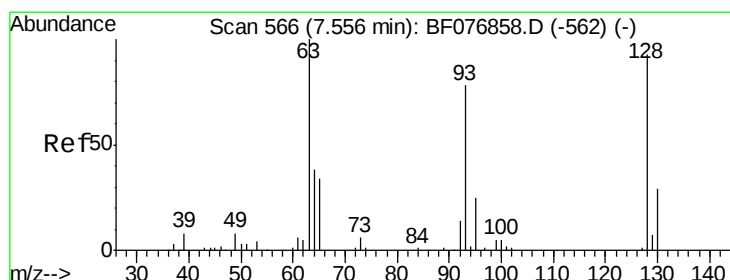
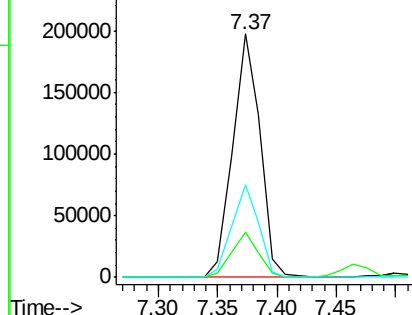
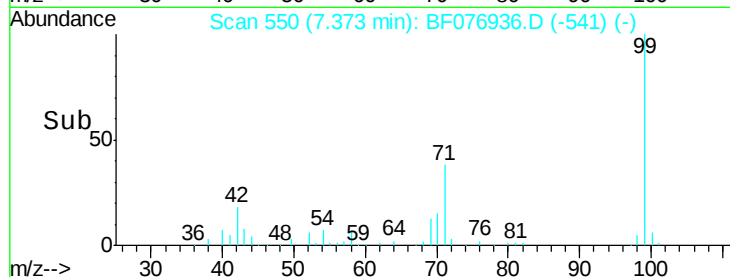
99 100

42 18.4 15.0 22.4

71 37.9 30.5 45.7



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



#8

2-Chlorophenol

Concen: 39.00 ng

RT: 7.50 min Scan# 561

Delta R.T. -0.01 min

Lab File: BF076936.D

Acq: 19 Jan 2015 18:50

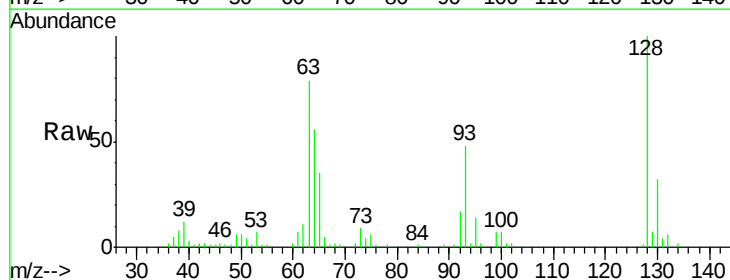
Tgt Ion: 128 Resp: 89214

Ion Ratio Lower Upper

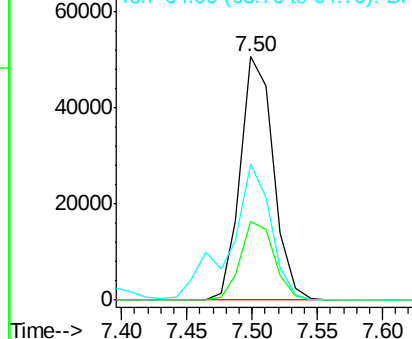
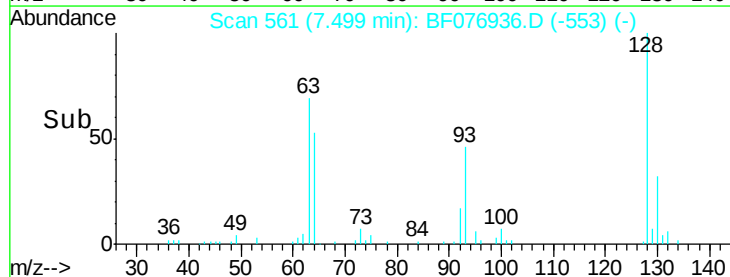
128 100

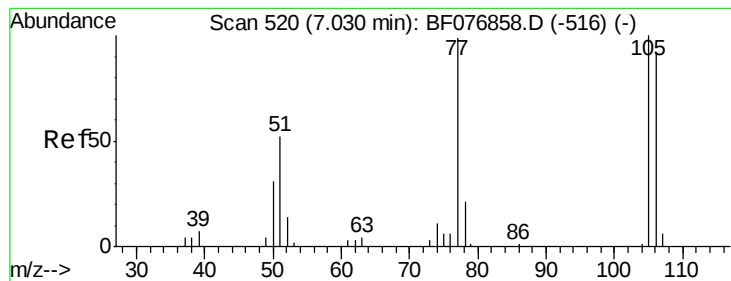
130 32.2 11.0 51.0

64 55.8 29.3 69.3



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





#9

Benzaldehyde

Concen: 13.86 ng

RT: 6.98 min Scan# 516

Delta R.T. -0.00 min

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ClientSampleId :

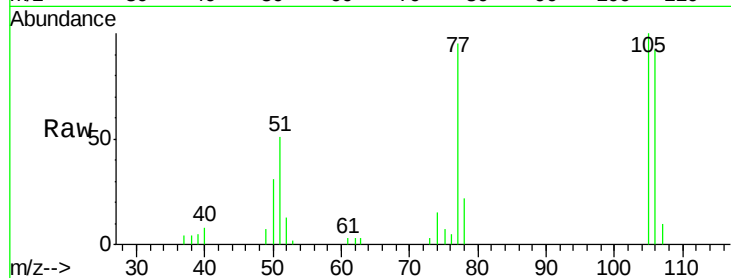
Tot Ion: 77 Resp: 22664

Ion Ratio Lower Upper

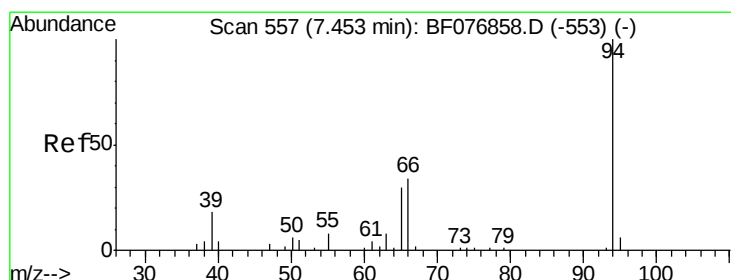
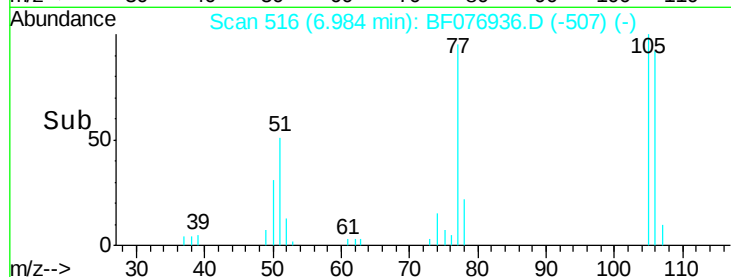
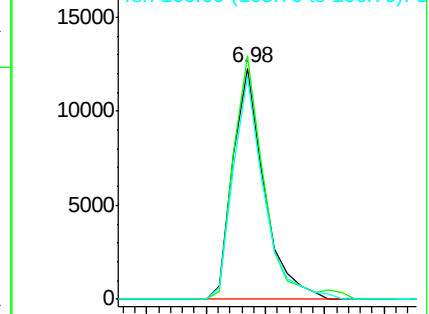
77 100

105 105.4 81.4 121.4

106 96.6 72.8 112.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 38.42 ng

RT: 7.40 min Scan# 552

Delta R.T. -0.00 min

Lab File: BF076936.D

Acq: 19 Jan 2015 18:50

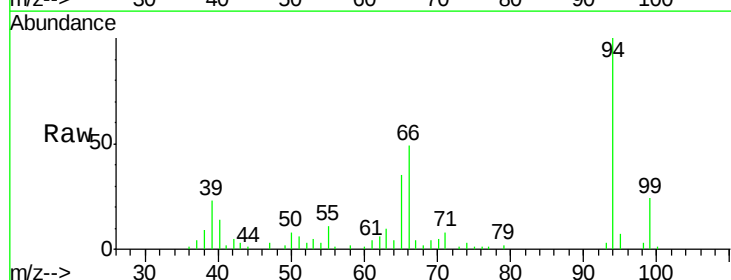
Tgt Ion: 94 Resp: 102129

Ion Ratio Lower Upper

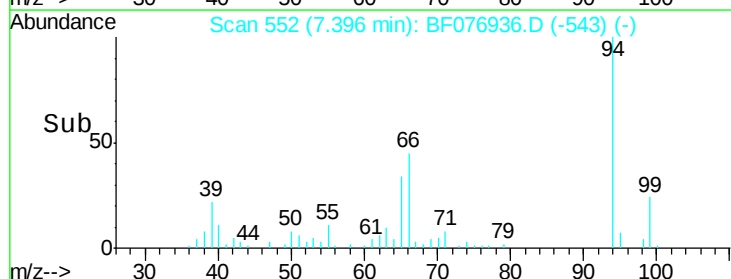
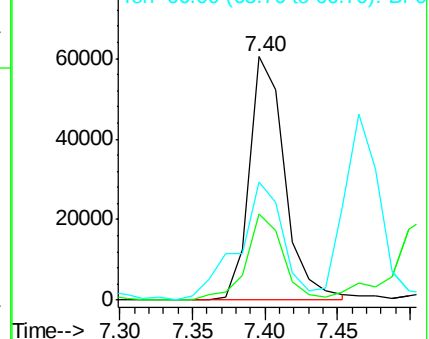
94 100

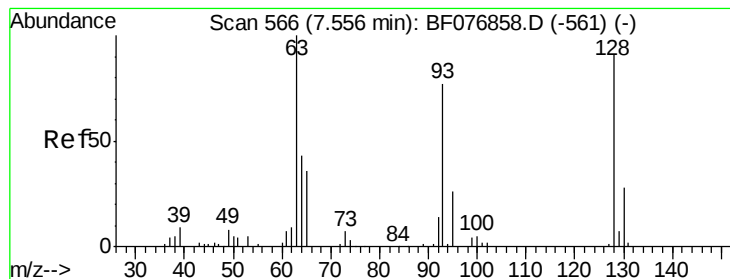
65 35.3 11.3 51.3

66 48.7 19.5 59.5



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

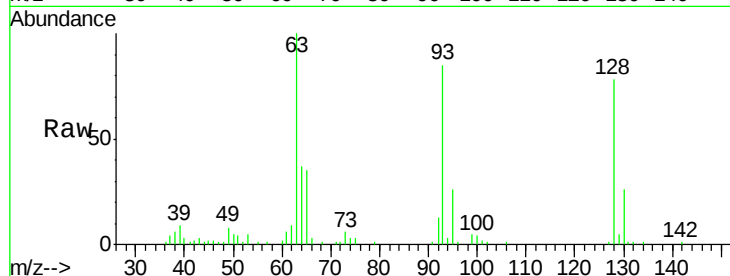




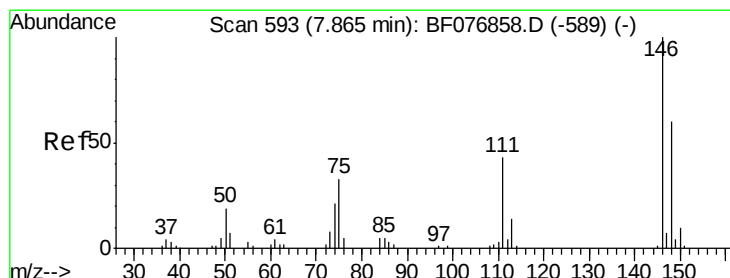
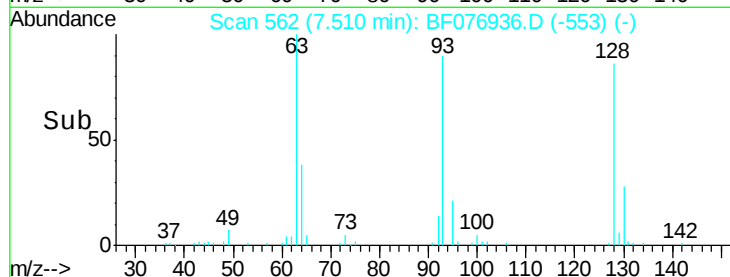
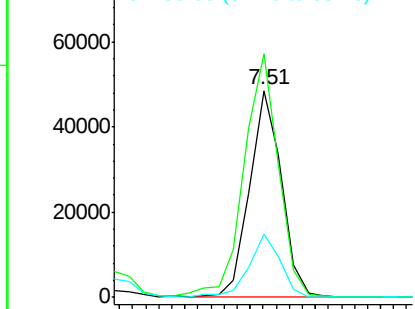
#11
bis(2-Chloroethyl)ether
Concen: 39.75 ng
RT: 7.51 min Scan# 562
Delta R.T. -0.00 min
Lab File: BF076936.D
Acq: 19 Jan 2015 18:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 82682
Ion Ratio Lower Upper
93 100
63 117.9 111.3 151.3
95 30.7 13.8 53.8

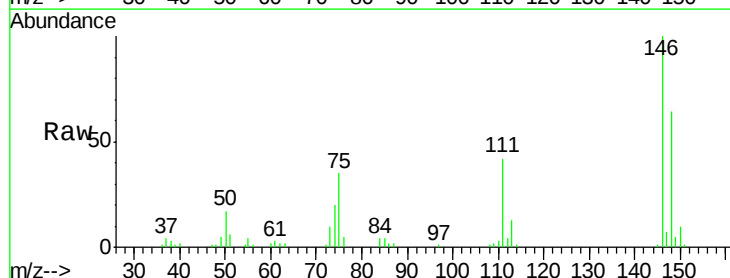


Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0

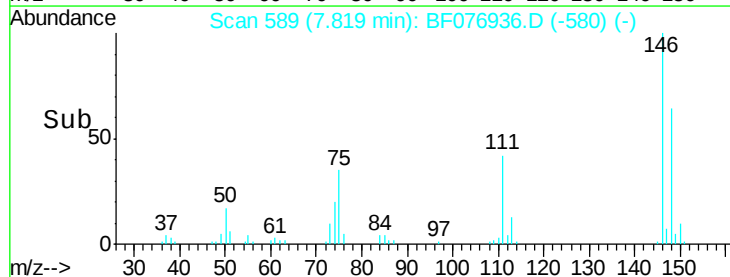
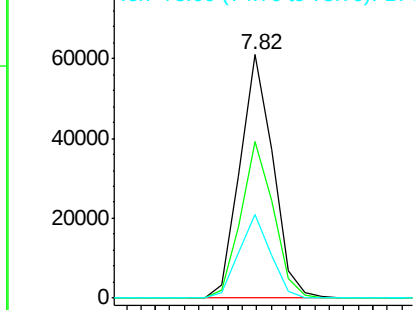


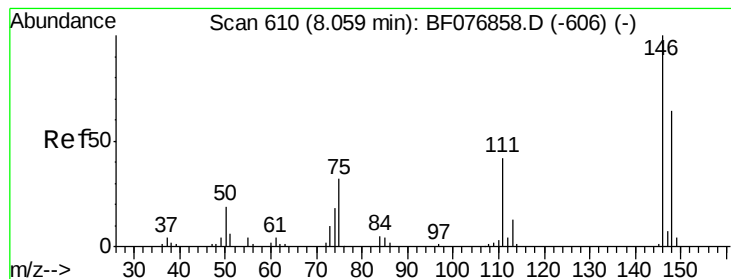
#12
1,3-Dichlorobenzene
Concen: 37.04 ng
RT: 7.82 min Scan# 589
Delta R.T. -0.00 min
Lab File: BF076936.D
Acq: 19 Jan 2015 18:50

Tgt Ion: 146 Resp: 96395
Ion Ratio Lower Upper
146 100
148 64.3 48.1 72.1
75 34.6 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: 35.14 ng

RT: 8.01 min Scan# 606

Delta R.T. -0.00 min

Lab File: BF076936.D

Acq: 19 Jan 2015 18:50

Instrument :

BNA_F

ClientSampleId :

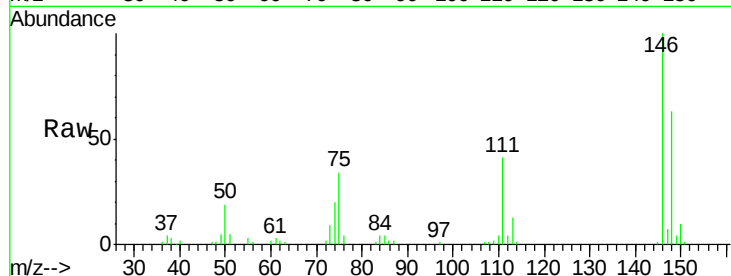
Tot Ion:146 Resp: 96971

Ion Ratio Lower Upper

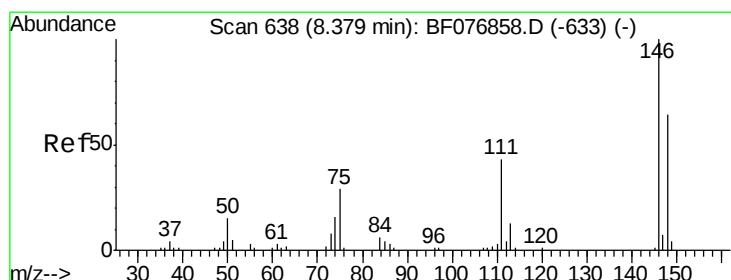
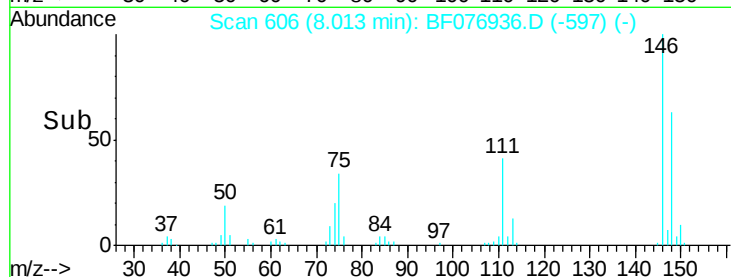
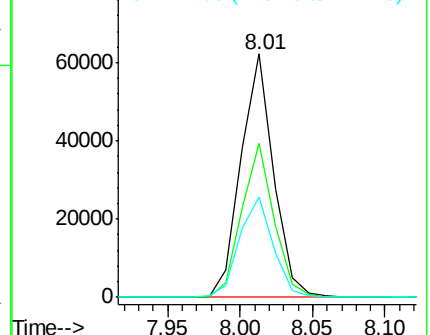
146 100

148 63.4 51.5 77.3

111 41.1 33.9 50.9



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



#14

1,2-Dichlorobenzene

Concen: 37.61 ng

RT: 8.32 min Scan# 633

Delta R.T. -0.01 min

Lab File: BF076936.D

Acq: 19 Jan 2015 18:50

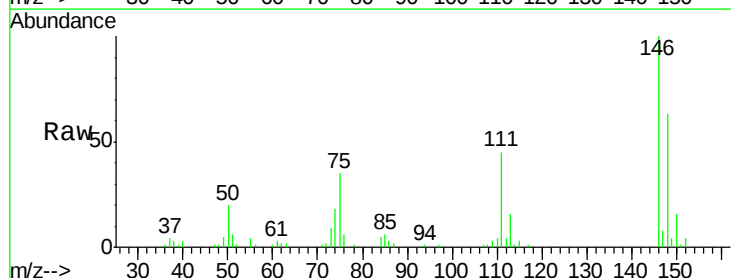
Tgt Ion:146 Resp: 95632

Ion Ratio Lower Upper

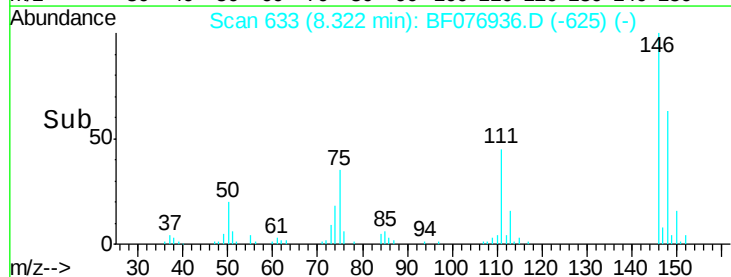
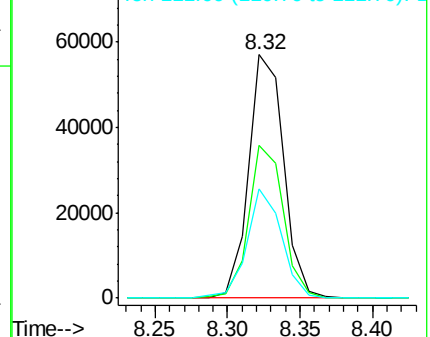
146 100

148 62.7 51.3 76.9

111 44.8 34.5 51.7



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





#15

Benzyl Alcohol

Concen: 37.43 ng

RT: 8.40 min Scan# 640

Delta R.T. -0.00 min

Lab File: BF076936.D

Acq: 19 Jan 2015 18:50

Instrument :
BNA_F
ClientSampled :

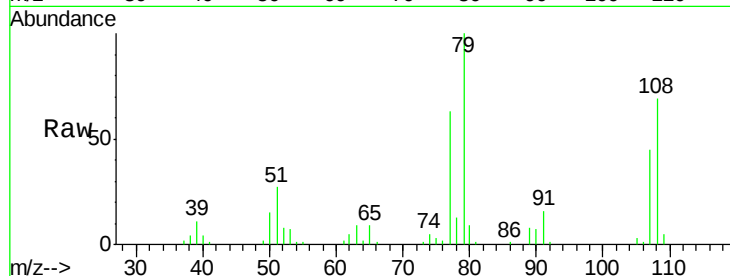
Tot Ion: 79 Resp: 75825

Ion Ratio Lower Upper

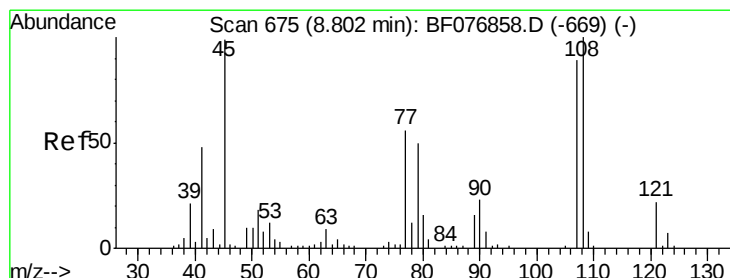
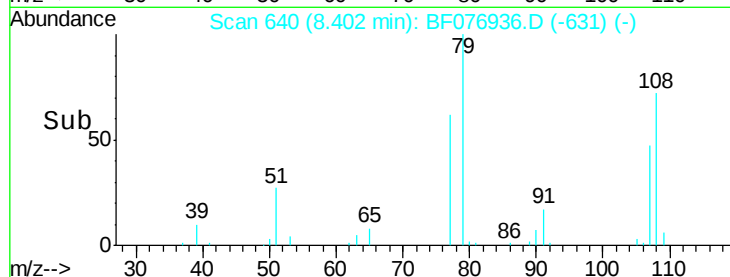
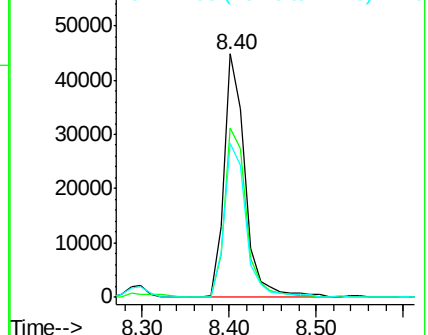
79 100

108 69.5 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): BF0
Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.07 ng

RT: 8.76 min Scan# 671

Delta R.T. -0.00 min

Lab File: BF076936.D

Acq: 19 Jan 2015 18:50

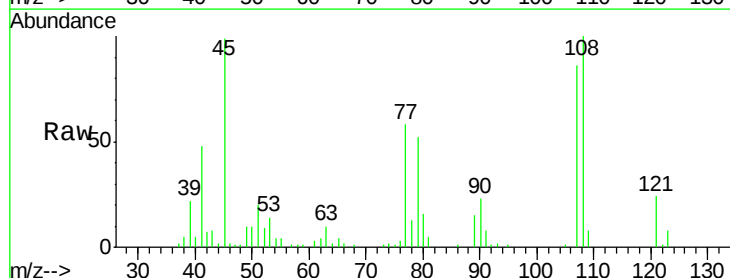
Tgt Ion: 45 Resp: 106440

Ion Ratio Lower Upper

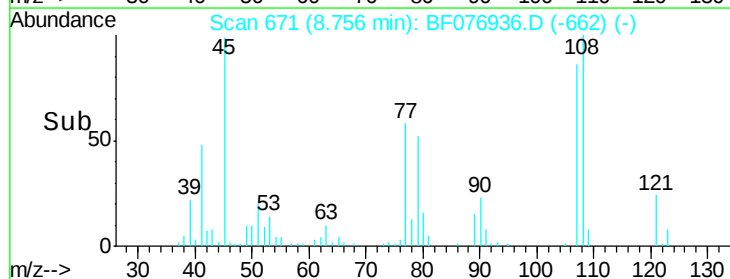
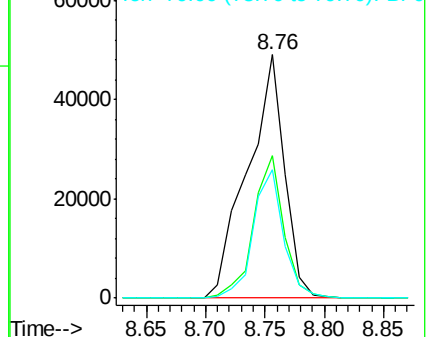
45 100

77 58.5 36.1 76.1

79 52.6 30.5 70.5



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

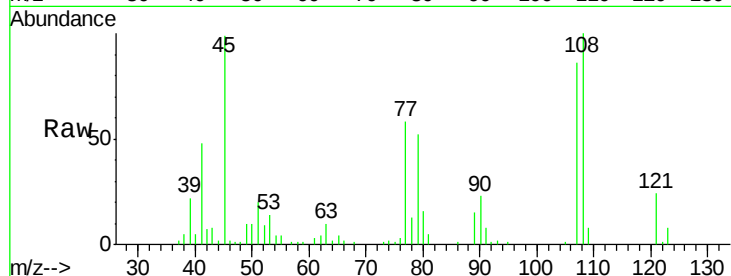




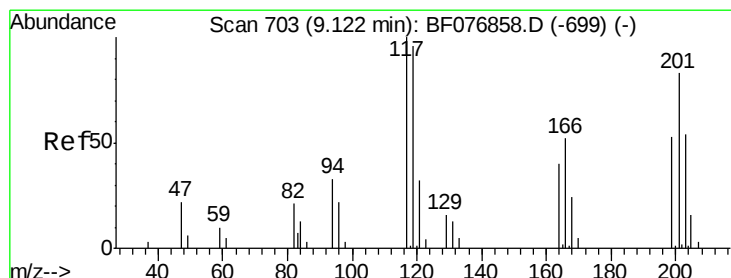
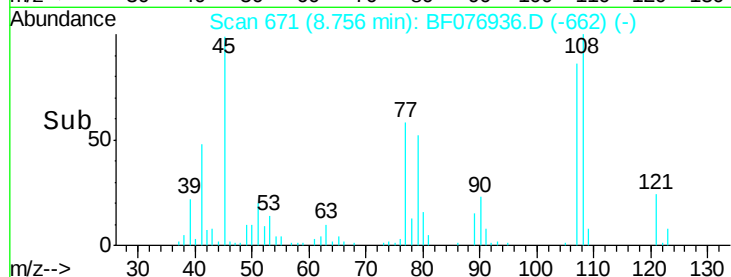
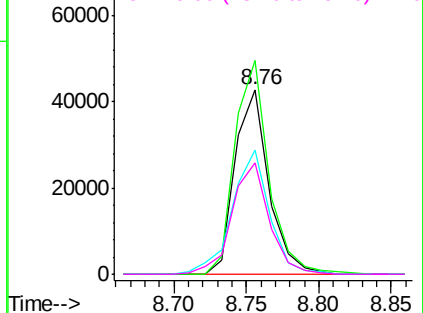
#17
2-Methylphenol
Concen: 37.24 ng
RT: 8.76 min Scan# 671
Delta R.T. -0.00 min
Lab File: BF076936.D
Acq: 19 Jan 2015 18:50

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 69627
Ion Ratio Lower Upper
107 100
108 115.8 89.7 134.5
77 67.1 50.1 75.1
79 60.2 45.0 67.6

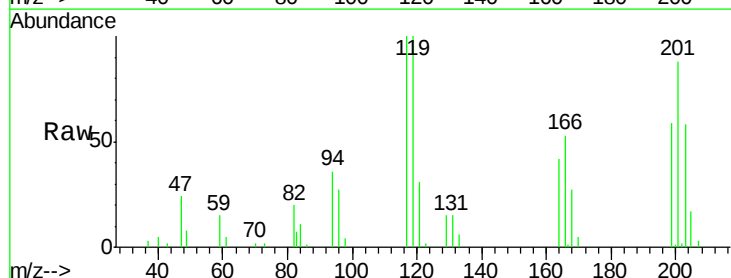


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

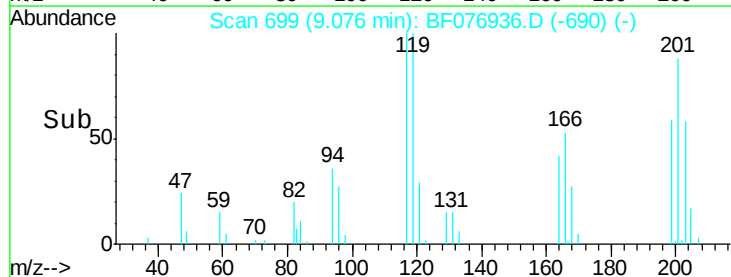
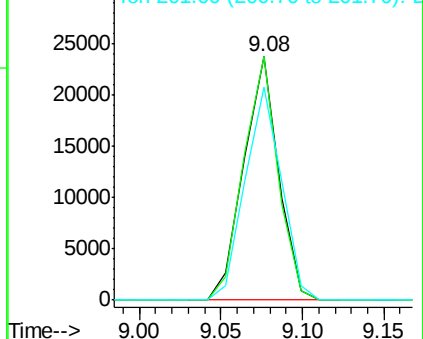


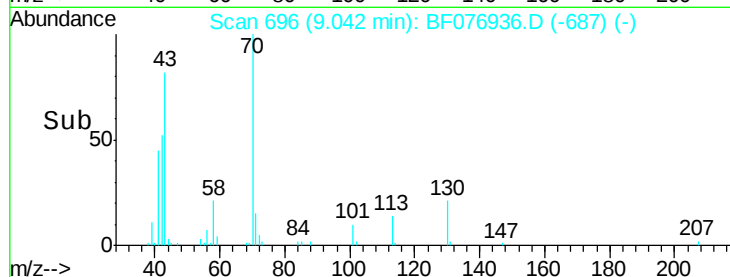
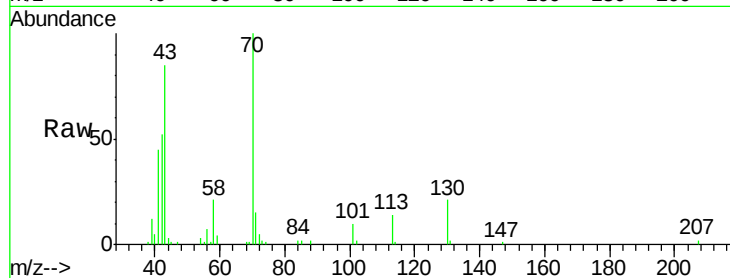
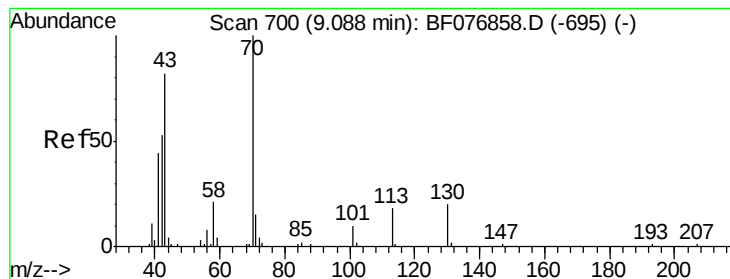
#18
Hexachloroethane
Concen: 36.69 ng
RT: 9.08 min Scan# 699
Delta R.T. -0.00 min
Lab File: BF076936.D
Acq: 19 Jan 2015 18:50

Tgt Ion:117 Resp: 35219
Ion Ratio Lower Upper
117 100
119 100.0 77.1 115.7
201 87.6 66.8 100.2



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 36.53 ng

RT: 9.04 min Scan# 696

Delta R.T. -0.00 min

Lab File: BF076936.D

Acq: 19 Jan 2015 18:50

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 64015

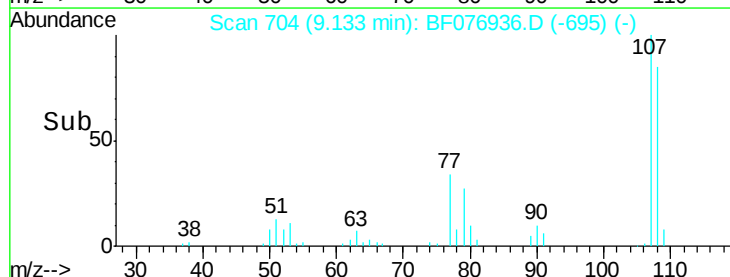
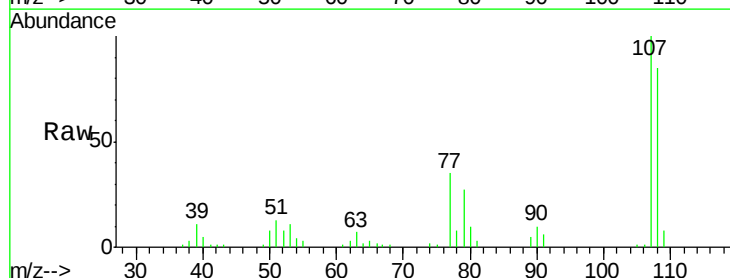
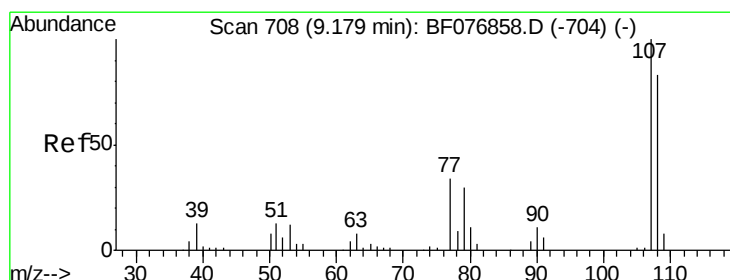
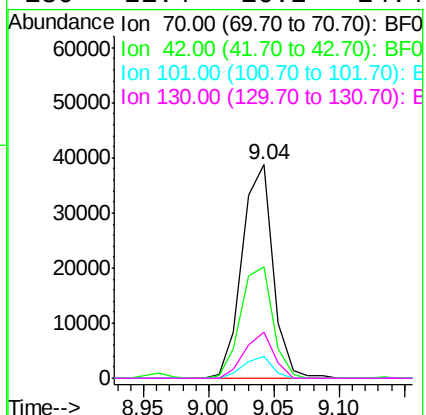
Ion Ratio Lower Upper

70 100

42 52.4 42.1 63.1

101 10.2 7.8 11.8

130 21.4 16.2 24.4



#20

3+4-Methylphenols

Concen: 36.58 ng

RT: 9.13 min Scan# 704

Delta R.T. -0.00 min

Lab File: BF076936.D

Acq: 19 Jan 2015 18:50

Tgt Ion: 107 Resp: 90538

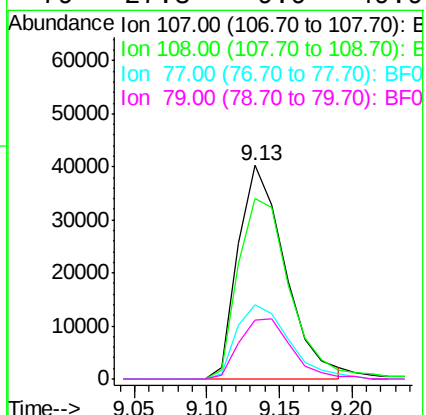
Ion Ratio Lower Upper

107 100

108 84.7 63.5 103.5

77 34.9 14.0 54.0

79 27.3 9.9 49.9

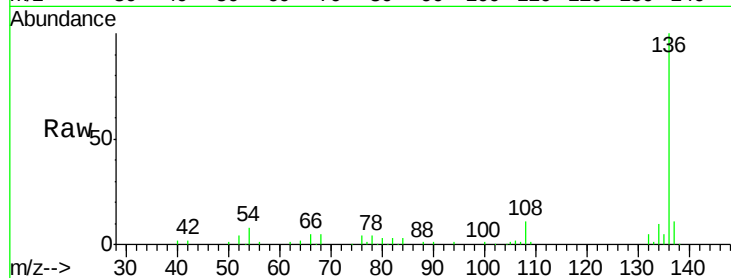




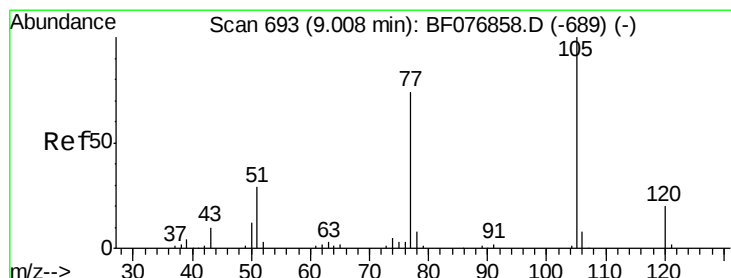
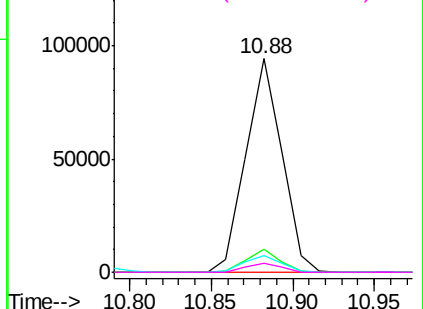
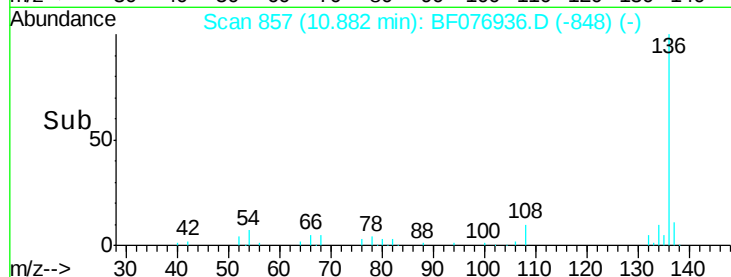
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.88 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF076936.D
Acq: 19 Jan 2015 18:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	144249
Ion	Ratio	Lower Upper
136	100	
137	10.5	8.1 12.1
54	7.5	7.0 10.4
68	4.5	3.7 5.5

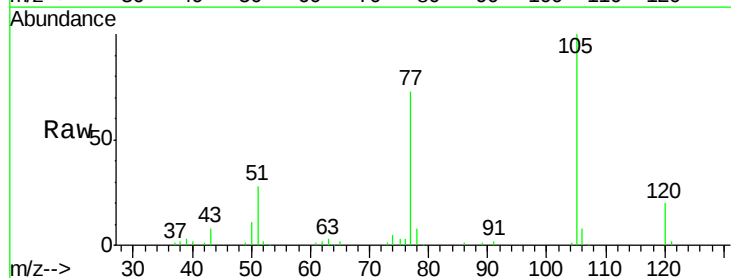


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

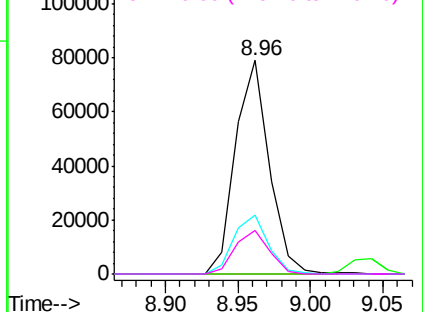
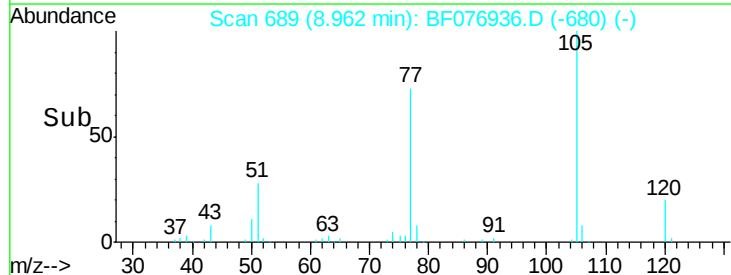


#22
Acetophenone
Concen: 36.29 ng
RT: 8.96 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF076936.D
Acq: 19 Jan 2015 18:50

Tgt Ion:105	Resp:	128221
Ion	Ratio	Lower Upper
105	100	
71	0.0	0.0 0.0
51	27.8	23.3 34.9
120	20.1	16.1 24.1



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

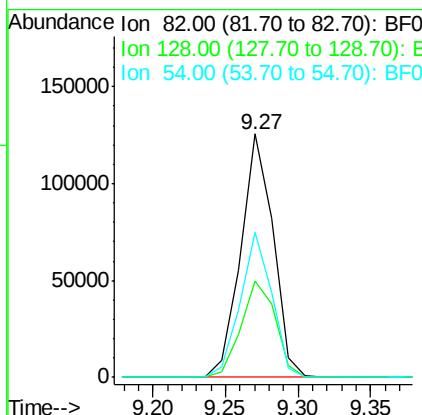
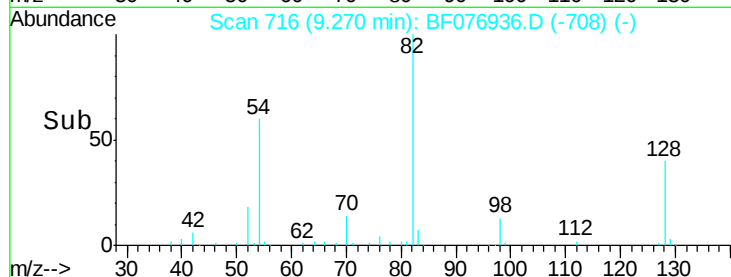
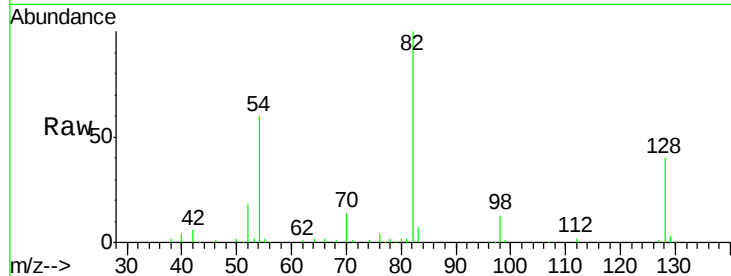




#23
 Nitrobenzene-d5
 Concen: 74.51 ng
 RT: 9.27 min Scan# 716
 Delta R.T. -0.01 min
 Lab File: BF076936.D
 Acq: 19 Jan 2015 18:50

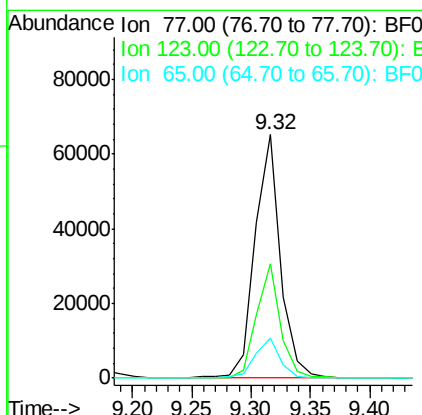
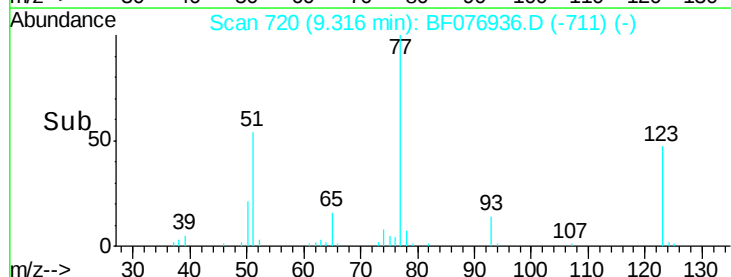
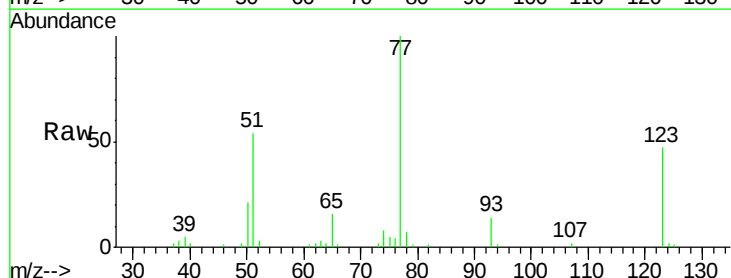
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	82	Resp:	194010
Ion	Ratio	Lower	Upper
82	100		
128	39.5	33.1	49.7
54	59.5	48.3	72.5



#24
 Nitrobenzene
 Concen: 36.79 ng
 RT: 9.32 min Scan# 720
 Delta R.T. -0.00 min
 Lab File: BF076936.D
 Acq: 19 Jan 2015 18:50

Tgt Ion:	77	Resp:	97591
Ion	Ratio	Lower	Upper
77	100		
123	47.0	35.2	52.8
65	16.3	11.4	17.2





#25

Isophorone

Concen: 35.62 ng

RT: 9.91 min Scan# 772

Delta R.T. -0.00 min

Lab File: BF076936.D

Acq: 19 Jan 2015 18:50

Instrument :

BNA_F

ClientSampleId :

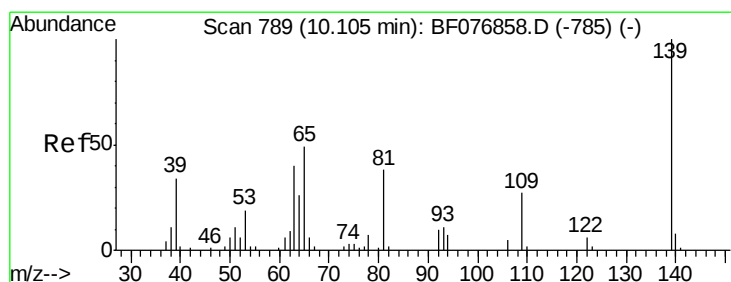
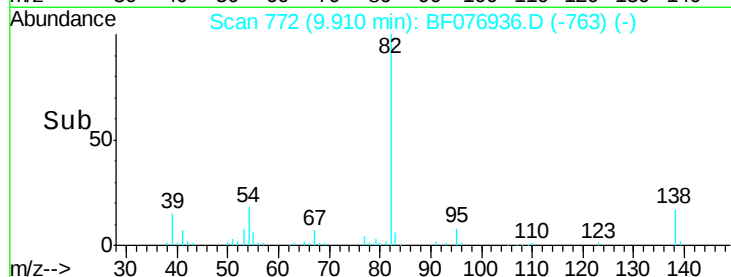
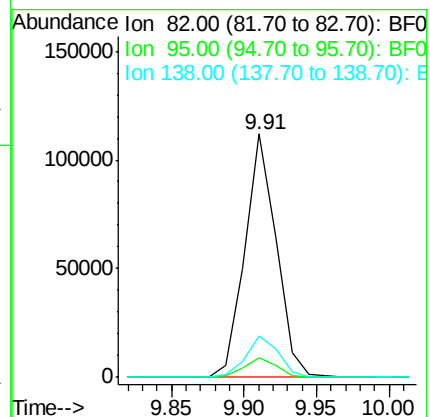
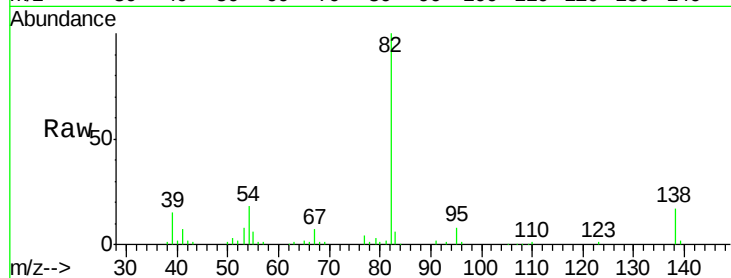
Tot Ion: 82 Resp: 168884

Ion Ratio Lower Upper

82 100

95 8.1 6.6 10.0

138 17.1 12.6 18.8



#26

2-Nitrophenol

Concen: 35.66 ng

RT: 10.06 min Scan# 785

Delta R.T. -0.00 min

Lab File: BF076936.D

Acq: 19 Jan 2015 18:50

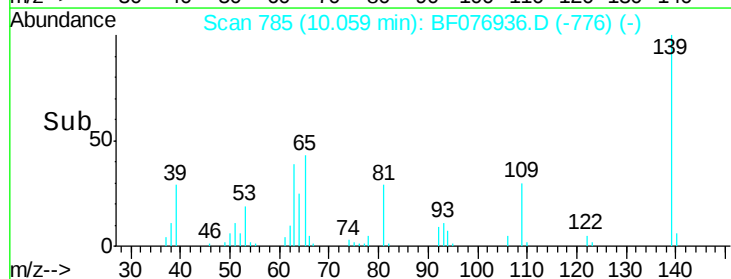
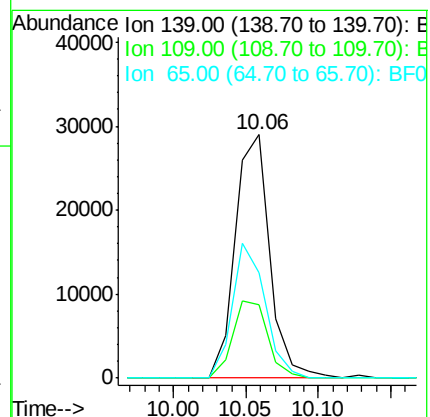
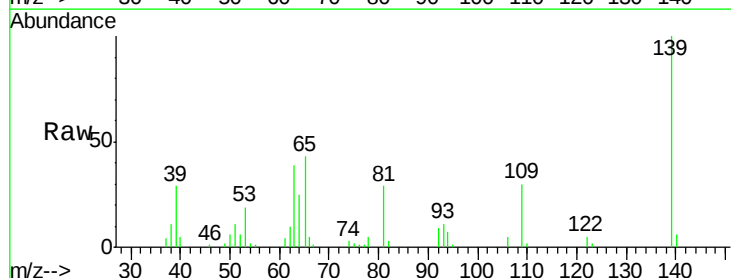
Tgt Ion: 139 Resp: 47795

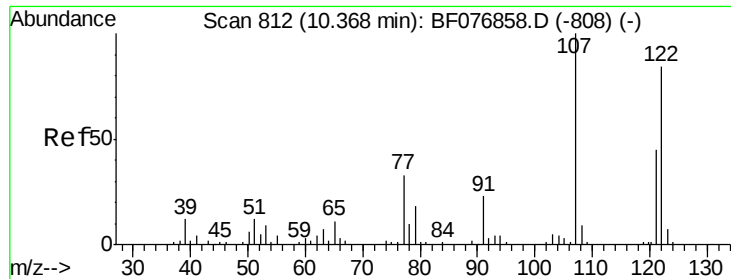
Ion Ratio Lower Upper

139 100

109 29.9 21.3 31.9

65 43.5 39.4 59.0





#27

2,4-Dimethylphenol

Concen: 39.04 ng

RT: 10.33 min Scan# 809

Delta R.T. -0.00 min

Lab File: BF076936.D

Acq: 19 Jan 2015 18:50

Instrument :

BNA_F

ClientSampleId :

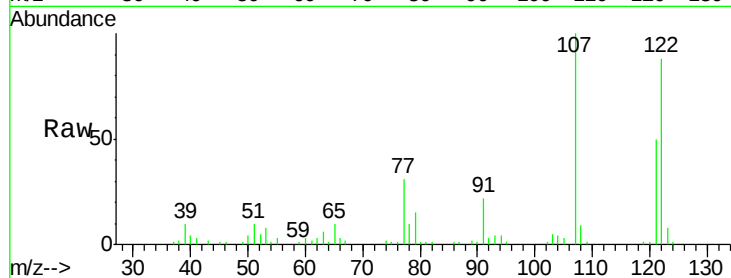
Tot Ion:122 Resp: 80065

Ion Ratio Lower Upper

122 100

107 114.1 95.2 142.8

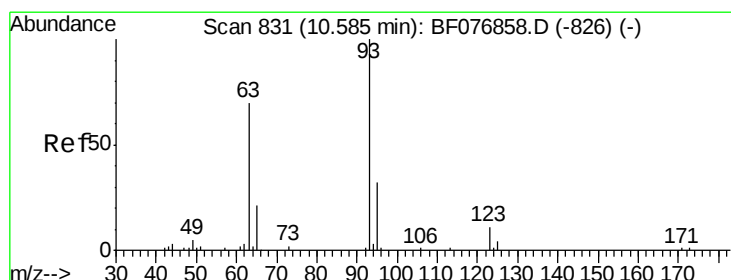
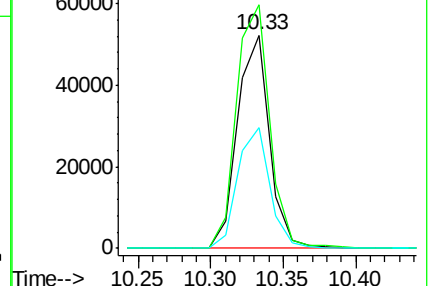
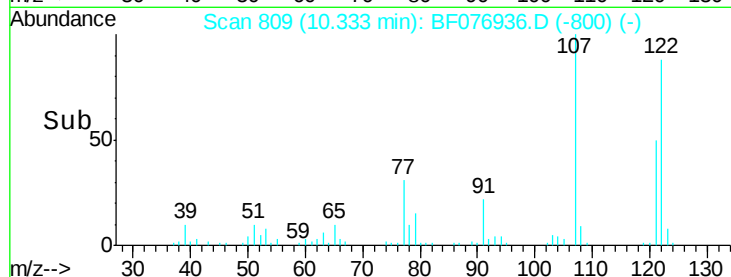
121 56.6 42.9 64.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.35 ng

RT: 10.54 min Scan# 827

Delta R.T. -0.00 min

Lab File: BF076936.D

Acq: 19 Jan 2015 18:50

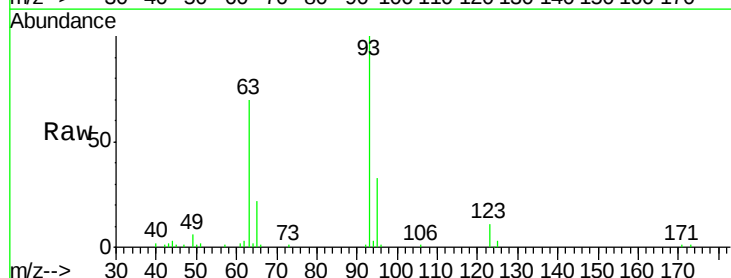
Tgt Ion: 93 Resp: 103357

Ion Ratio Lower Upper

93 100

95 33.0 25.6 38.4

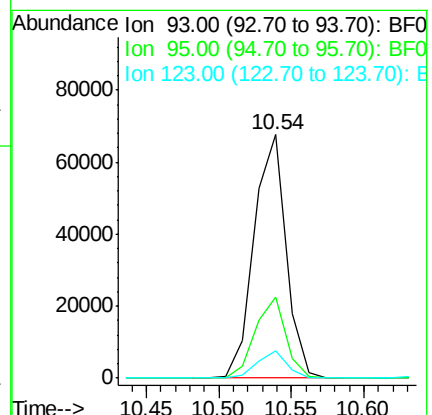
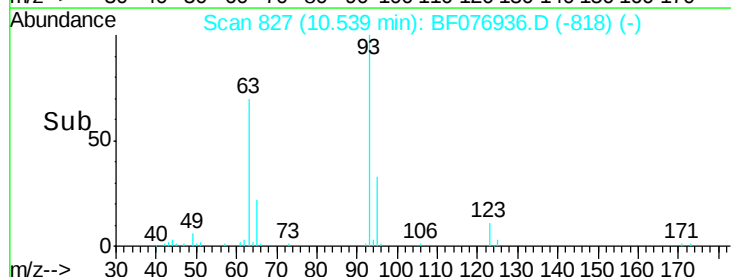
123 11.1 8.9 13.3

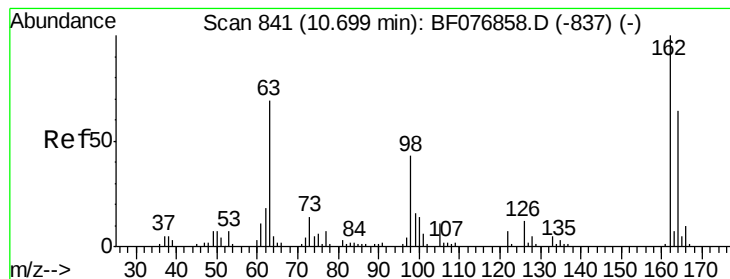


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 39.94 ng

RT: 10.65 min Scan# 837

Delta R.T. -0.00 min

Lab File: BF076936.D

Acq: 19 Jan 2015 18:50

Instrument :

BNA_F

ClientSampleId :

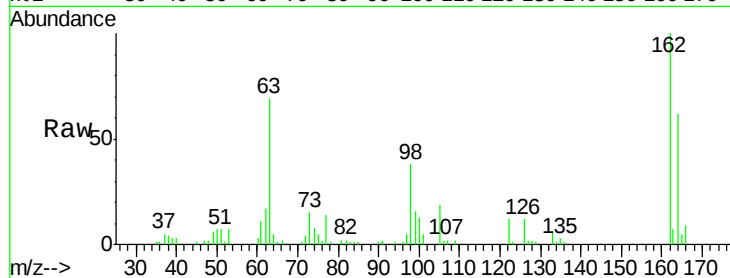
Tot Ion:162 Resp: 76350

Ion Ratio Lower Upper

162 100

164 61.5 43.8 83.8

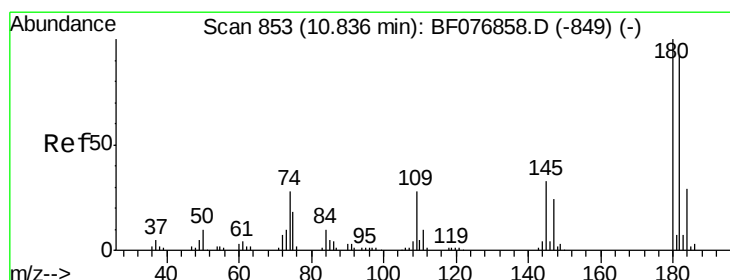
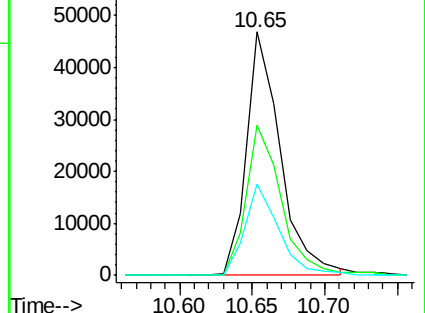
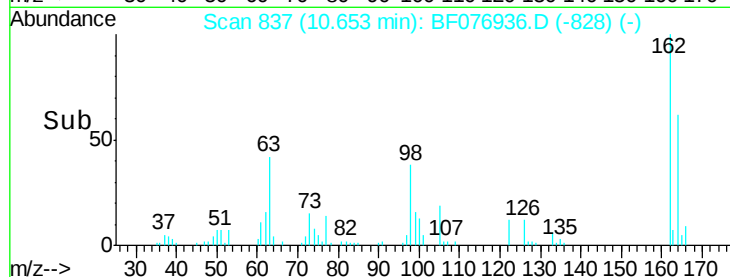
98 37.6 22.5 62.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 36.37 ng

RT: 10.79 min Scan# 849

Delta R.T. -0.00 min

Lab File: BF076936.D

Acq: 19 Jan 2015 18:50

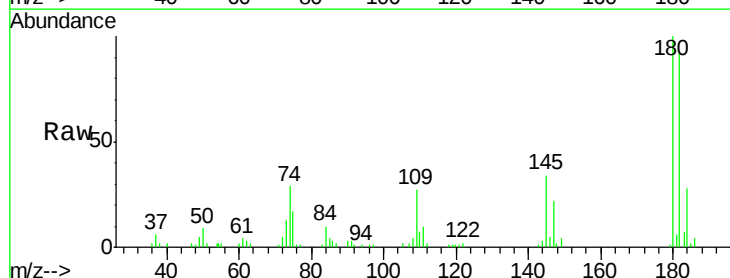
Tgt Ion:180 Resp: 77231

Ion Ratio Lower Upper

180 100

182 93.5 73.6 110.4

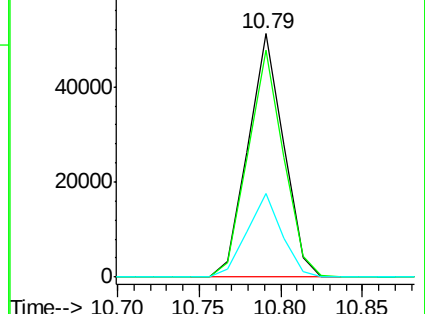
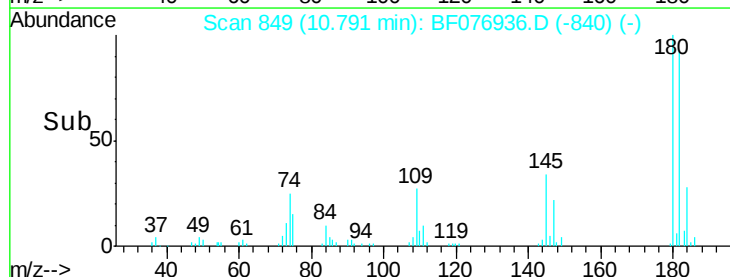
145 34.4 26.6 39.8

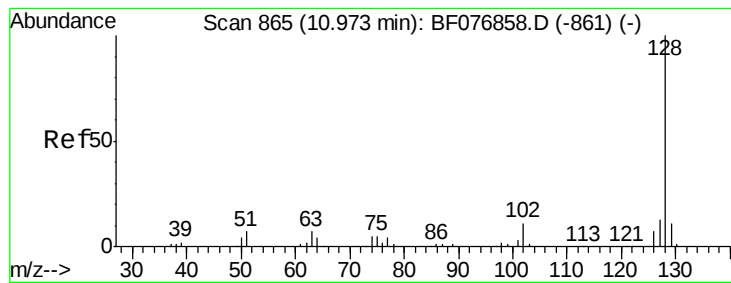


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 34.64 ng

RT: 10.93 min Scan# 861

Delta R.T. -0.00 min

Lab File: BF076936.D

Acq: 19 Jan 2015 18:50

Instrument :

BNA_F

ClientSampleId :

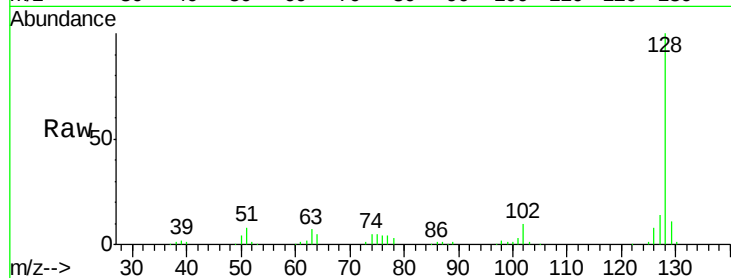
Tot Ion:128 Resp: 257287

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.6

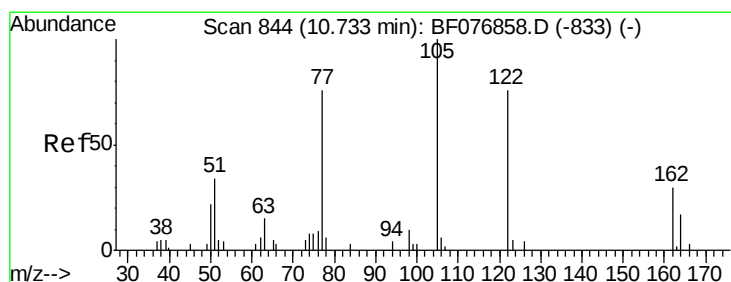
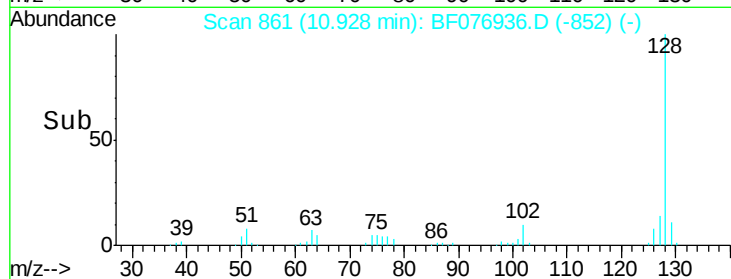
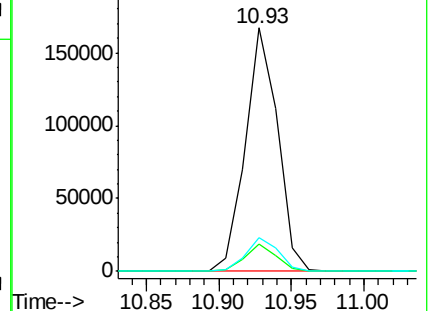
127 13.8 10.2 15.2



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: 23.17 ng

RT: 10.69 min Scan# 840

Delta R.T. -0.01 min

Lab File: BF076936.D

Acq: 19 Jan 2015 18:50

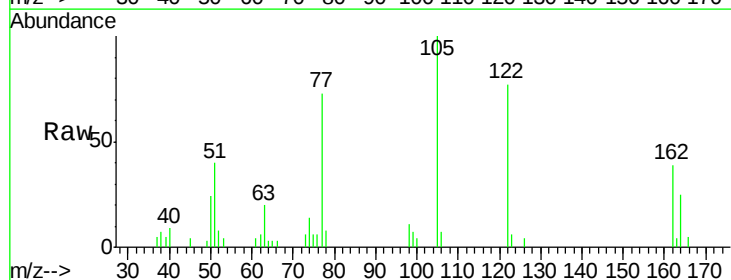
Tgt Ion:122 Resp: 26329

Ion Ratio Lower Upper

122 100

105 130.2 111.3 151.3

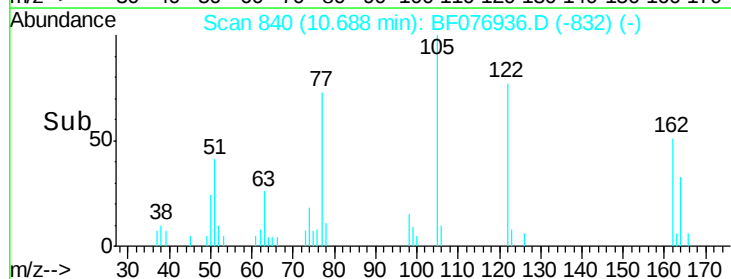
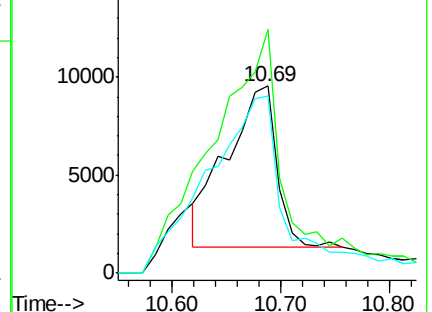
77 95.0 79.2 119.2



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

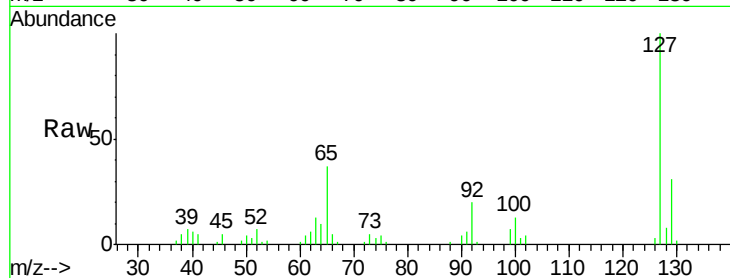




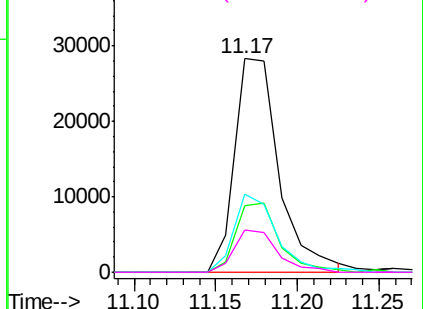
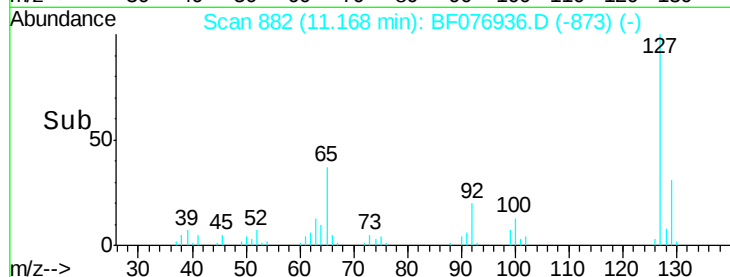
#33
4-Chloroaniline
Concen: 17.80 ng
RT: 11.17 min Scan# 882
Delta R.T. -0.00 min
Lab File: BF076936.D
Acq: 19 Jan 2015 18:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127 Resp: 53423
Ion Ratio Lower Upper
127 100
129 31.2 25.3 37.9
65 36.7 27.8 41.6
92 20.0 16.5 24.7

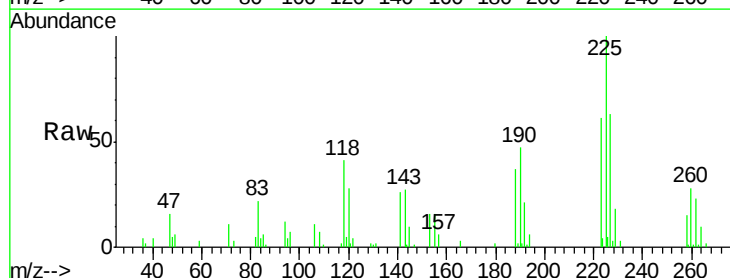


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

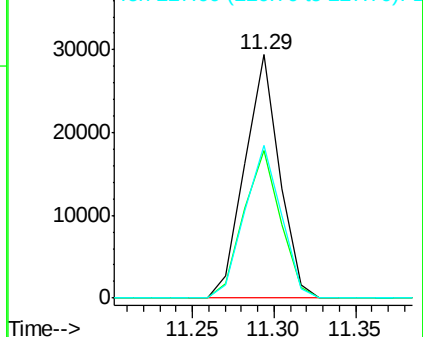
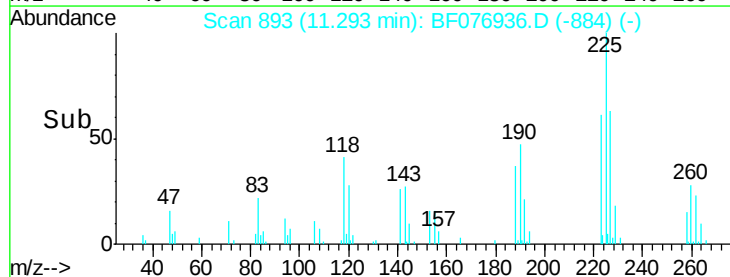


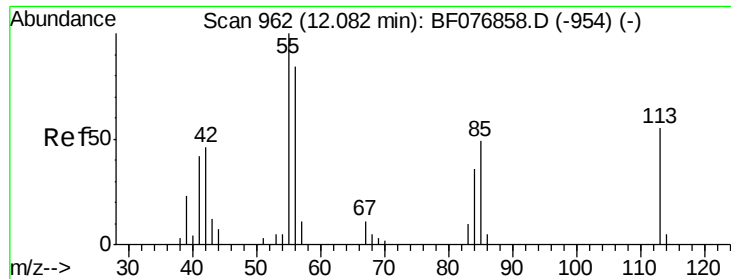
#34
Hexachlorobutadiene
Concen: 34.46 ng
RT: 11.29 min Scan# 893
Delta R.T. -0.00 min
Lab File: BF076936.D
Acq: 19 Jan 2015 18:50

Tgt Ion:225 Resp: 43416
Ion Ratio Lower Upper
225 100
223 60.5 49.1 73.7
227 62.8 47.5 71.3



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

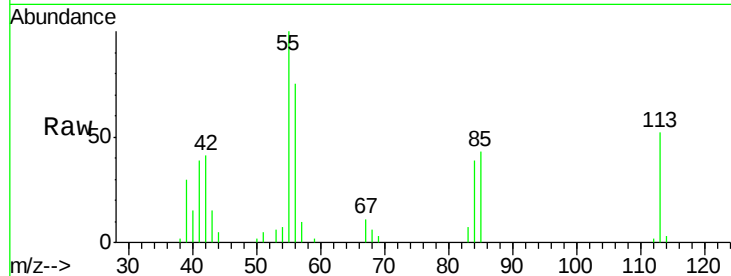




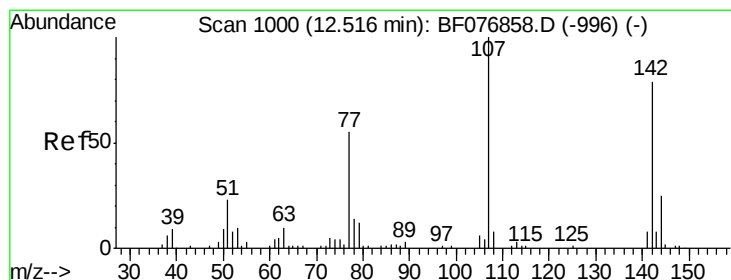
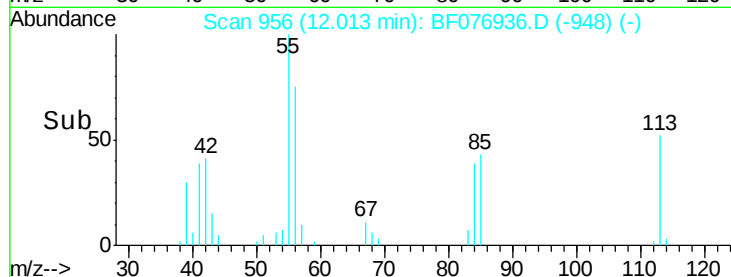
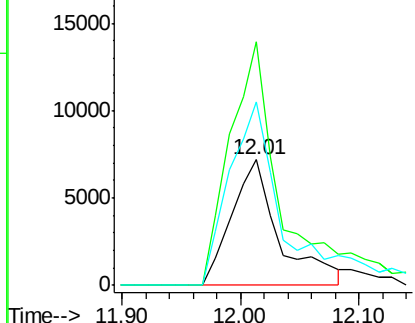
#35
 Caprolactam
 Concen: 35.71 ng
 RT: 12.01 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: BF076936.D
 Acq: 19 Jan 2015 18:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 20100
 Ion Ratio Lower Upper
 113 100
 55 194.0 162.1 202.1
 56 146.2 133.7 173.7

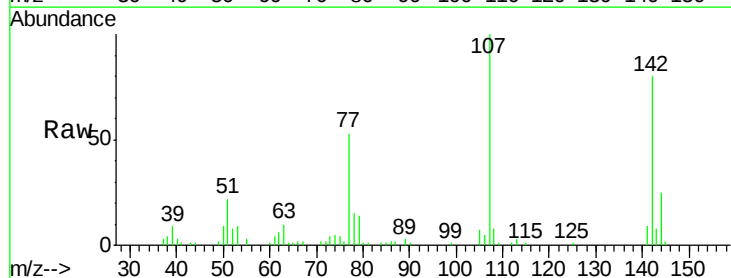


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

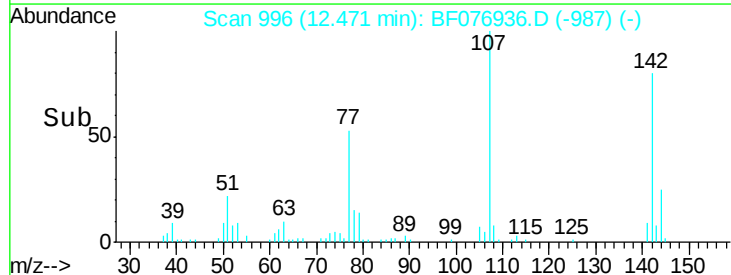
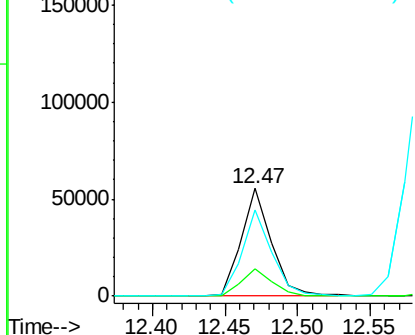


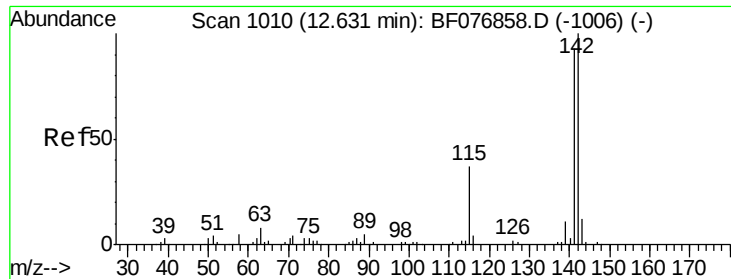
#36
 4-Chloro-3-methylphenol
 Concen: 36.80 ng
 RT: 12.47 min Scan# 996
 Delta R.T. -0.00 min
 Lab File: BF076936.D
 Acq: 19 Jan 2015 18:50

Tgt Ion:107 Resp: 80544
 Ion Ratio Lower Upper
 107 100
 144 25.4 20.0 30.0
 142 80.0 63.5 95.3



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

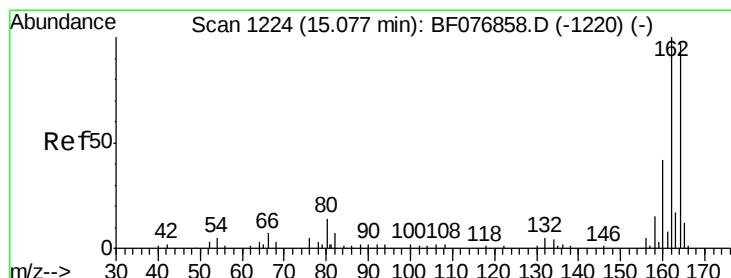
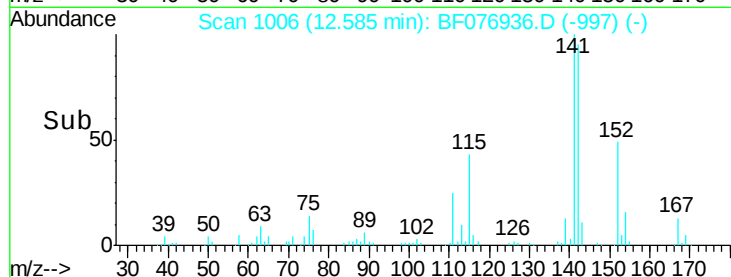
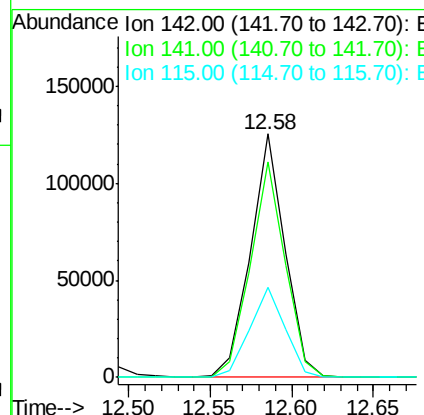
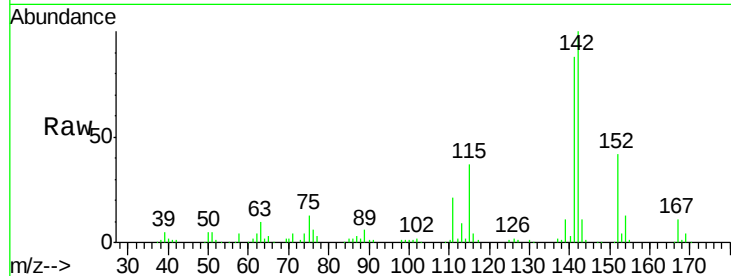




#37
2-Methylnaphthalene
Concen: 36.31 ng
RT: 12.58 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BF076936.D
Acq: 19 Jan 2015 18:50

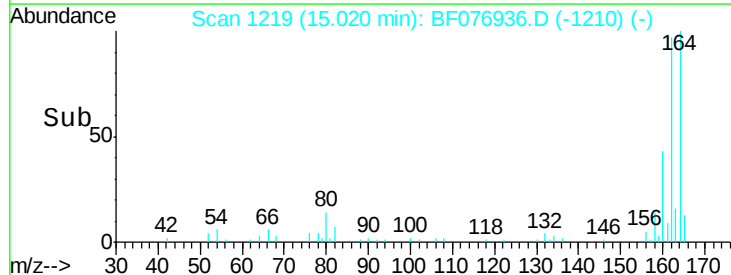
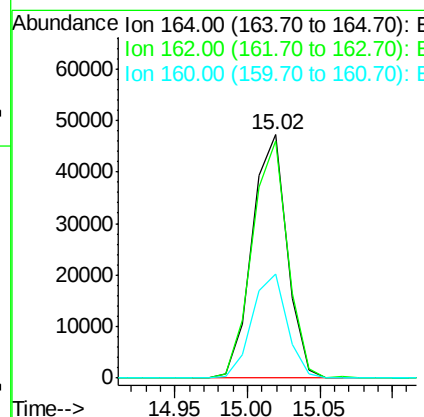
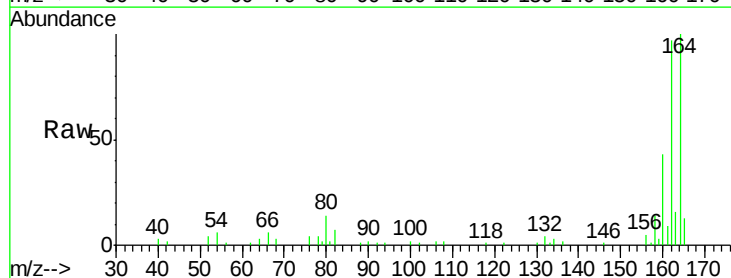
Instrument :
BNA_F
ClientSampleId :

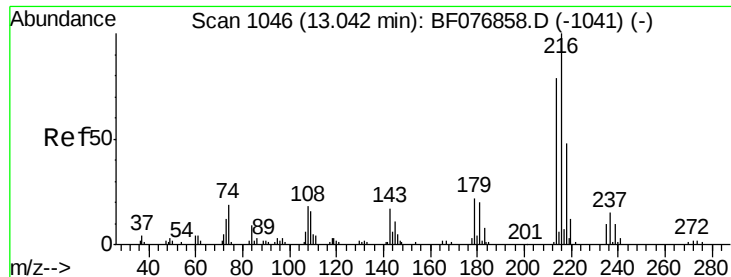
Tot Ion:142 Resp: 184142
Ion Ratio Lower Upper
142 100
141 88.4 74.5 111.7
115 36.8 29.7 44.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.02 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BF076936.D
Acq: 19 Jan 2015 18:50

Tgt Ion:164 Resp: 78822
Ion Ratio Lower Upper
164 100
162 97.2 82.4 123.6
160 42.7 34.8 52.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.02 ng

RT: 12.99 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BF076936.D

Acq: 19 Jan 2015 18:50

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 72146

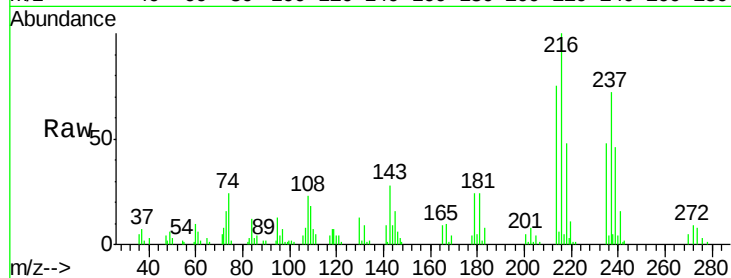
Ion Ratio Lower Upper

216 100

214 75.8 64.9 97.3

179 24.1 18.6 28.0

108 24.9 18.1 27.1

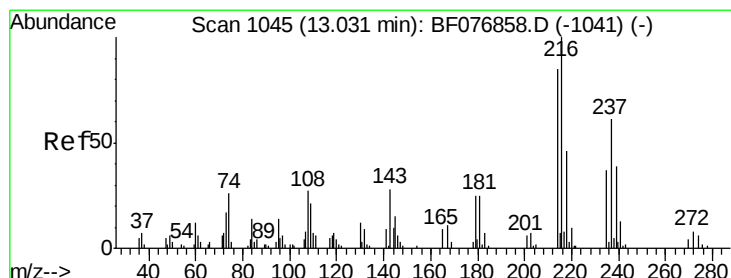
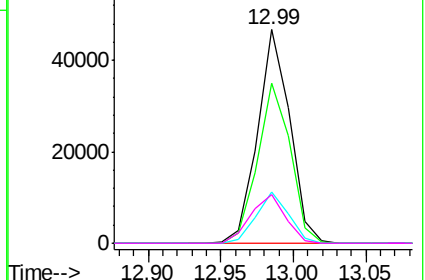
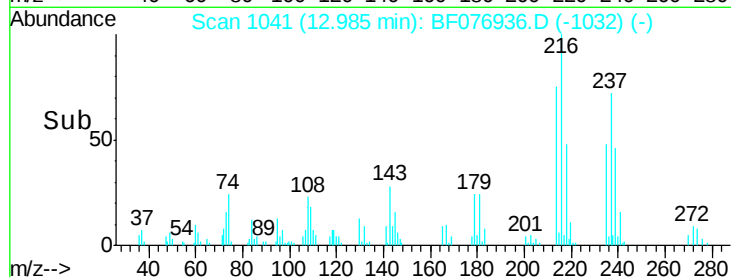


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 73.42 ng

RT: 12.97 min Scan# 1040

Delta R.T. -0.00 min

Lab File: BF076936.D

Acq: 19 Jan 2015 18:50

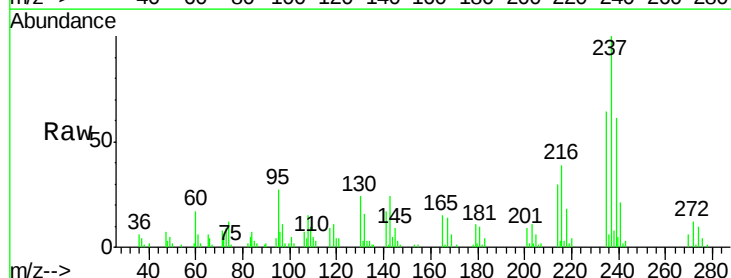
Tgt Ion:237 Resp: 76605

Ion Ratio Lower Upper

237 100

235 64.2 40.4 80.4

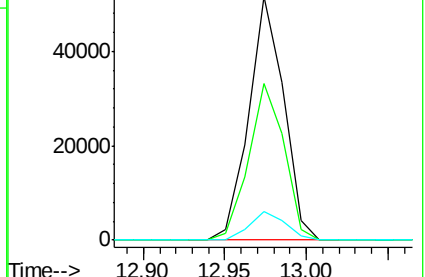
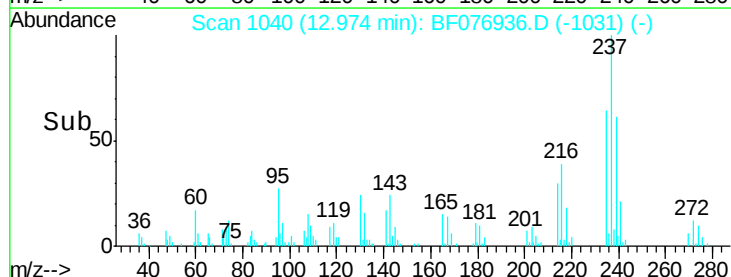
272 11.7 0.0 33.2



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

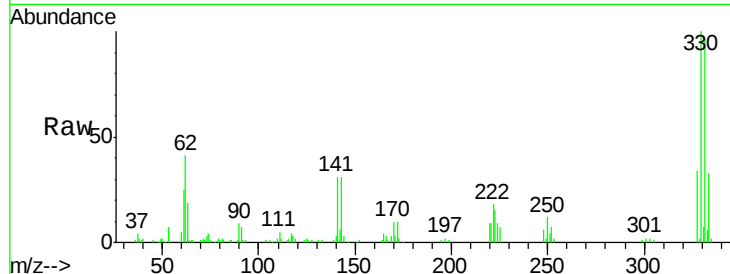




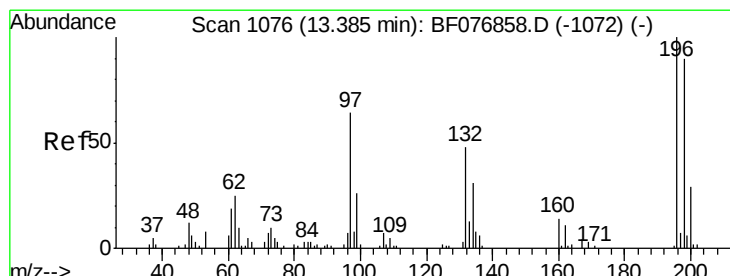
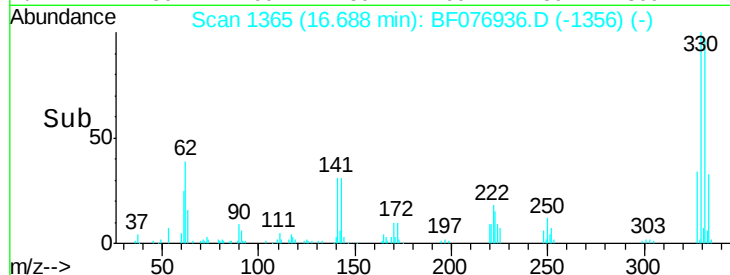
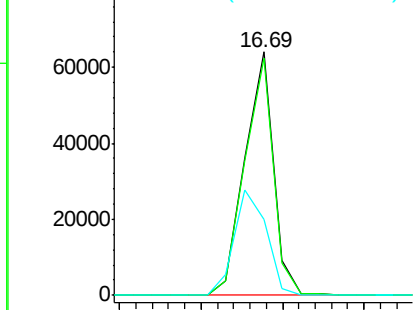
#41
 2,4,6-Tribromophenol
 Concen: 122.41 ng
 RT: 16.69 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: BF076936.D
 Acq: 19 Jan 2015 18:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 78323
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.8 116.6
 141 48.3 38.5 57.7

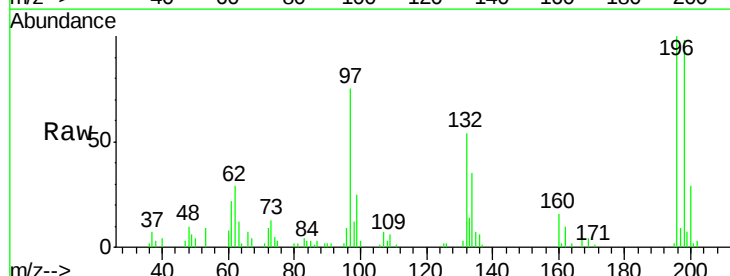


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

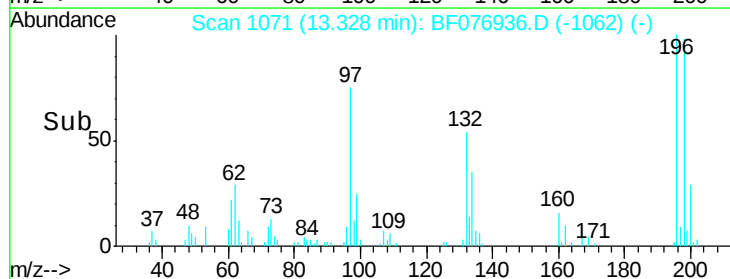
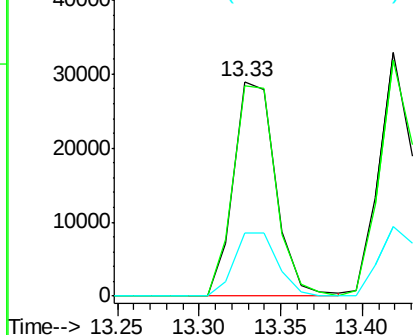


#42
 2,4,6-Trichlorophenol
 Concen: 36.23 ng
 RT: 13.33 min Scan# 1071
 Delta R.T. -0.00 min
 Lab File: BF076936.D
 Acq: 19 Jan 2015 18:50

Tgt Ion:196 Resp: 51440
 Ion Ratio Lower Upper
 196 100
 198 97.8 72.0 108.0
 200 29.2 23.4 35.2



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

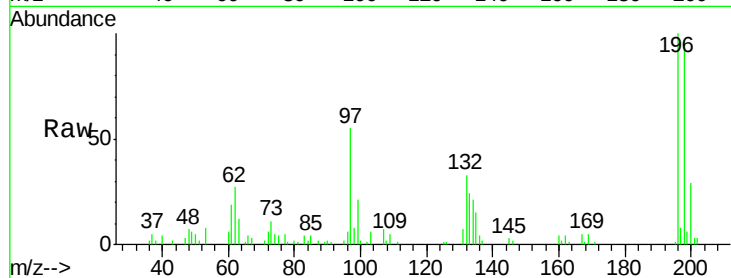




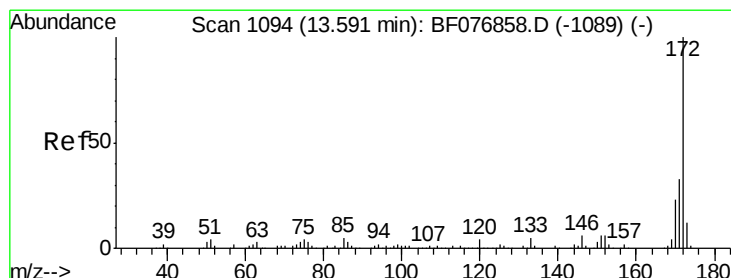
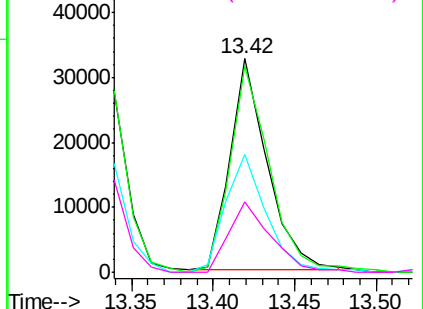
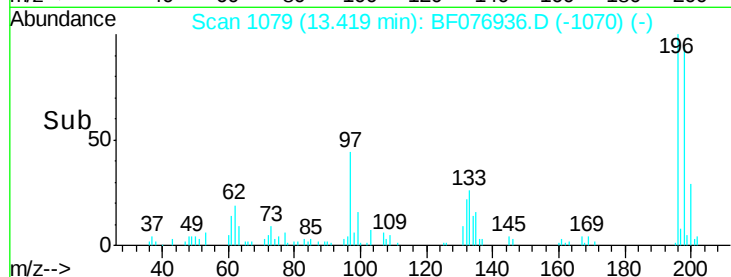
#43
 2,4,5-Trichlorophenol
 Concen: 35.68 ng
 RT: 13.42 min Scan# 1079
 Delta R.T. -0.00 min
 Lab File: BF076936.D
 Acq: 19 Jan 2015 18:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 51668
 Ion Ratio Lower Upper
 196 100
 198 96.6 76.6 115.0
 97 55.4 43.4 65.0
 132 33.0 23.7 35.5

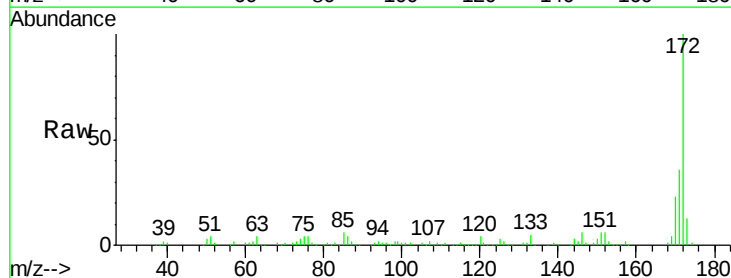


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

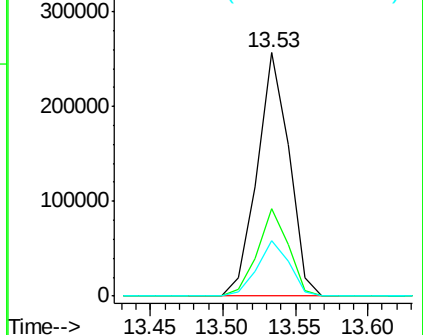
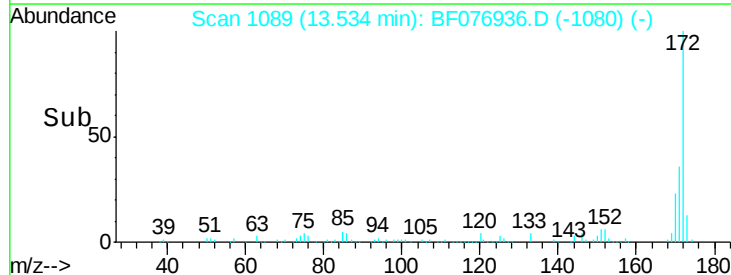


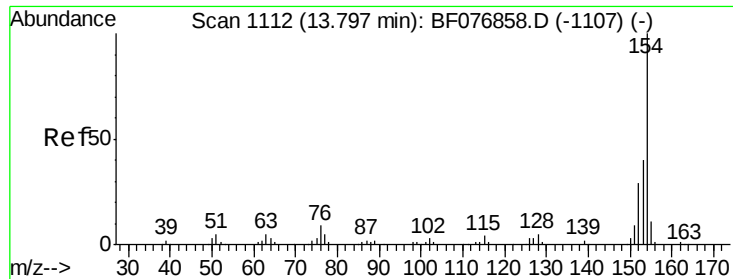
#44
 2-Fluorobiphenyl
 Concen: 75.66 ng
 RT: 13.53 min Scan# 1089
 Delta R.T. -0.00 min
 Lab File: BF076936.D
 Acq: 19 Jan 2015 18:50

Tgt Ion:172 Resp: 391891
 Ion Ratio Lower Upper
 172 100
 171 35.7 26.6 40.0
 170 22.9 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

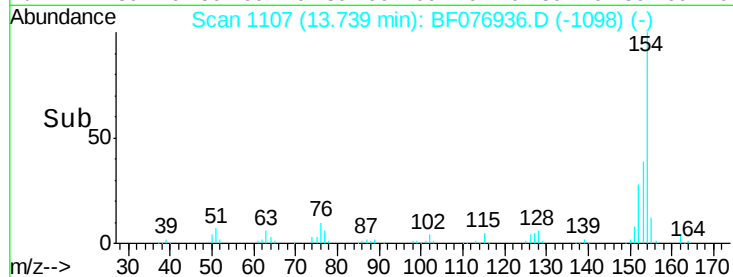
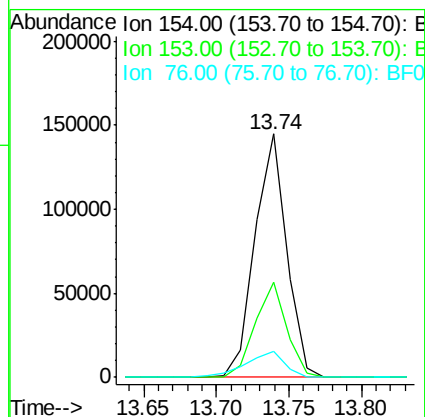
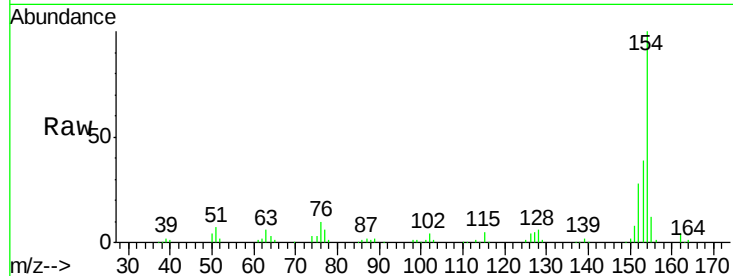




#45
 1,1'-Biphenyl
 Concen: 37.66 ng
 RT: 13.74 min Scan# 1107
 Delta R.T. -0.00 min
 Lab File: BF076936.D
 Acq: 19 Jan 2015 18:50

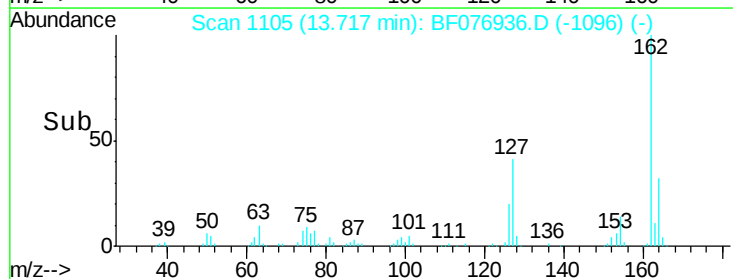
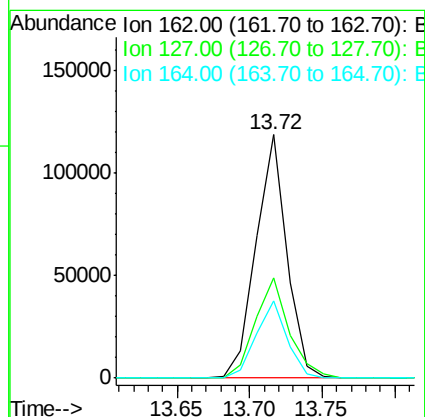
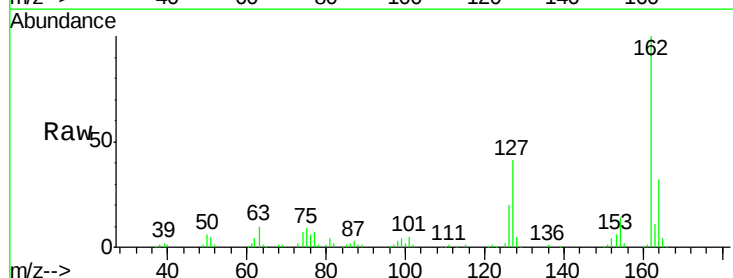
Instrument :
 BNA_F
 ClientSampleId :

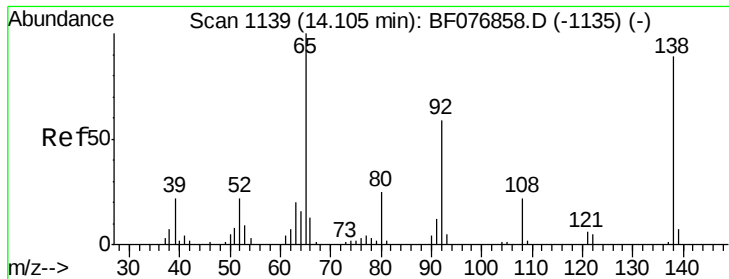
Tot Ion:154 Resp: 220039
 Ion Ratio Lower Upper
 154 100
 153 39.2 20.2 60.2
 76 10.5 0.0 29.0



#46
 2-Chloronaphthalene
 Concen: 36.27 ng
 RT: 13.72 min Scan# 1105
 Delta R.T. -0.00 min
 Lab File: BF076936.D
 Acq: 19 Jan 2015 18:50

Tgt Ion:162 Resp: 174411
 Ion Ratio Lower Upper
 162 100
 127 41.3 33.8 50.6
 164 31.5 26.8 40.2





#47

2-Nitroaniline

Concen: 37.61 ng

RT: 14.06 min Scan# 1135

Delta R.T. -0.00 min

Lab File: BF076936.D

Acq: 19 Jan 2015 18:50

Instrument :

BNA_F

ClientSampleId :

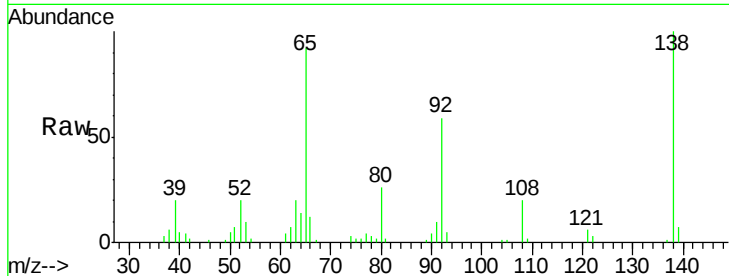
Tot Ion: 65 Resp: 54857

Ion Ratio Lower Upper

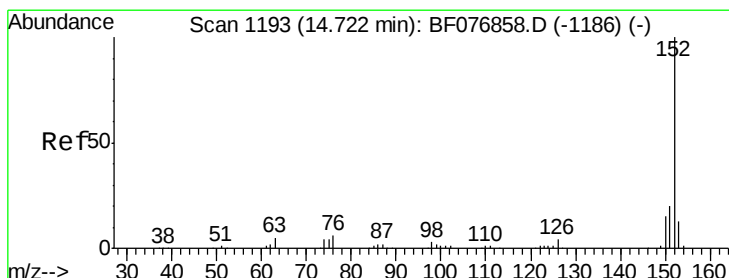
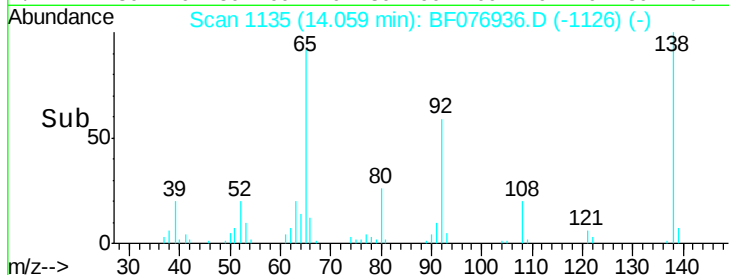
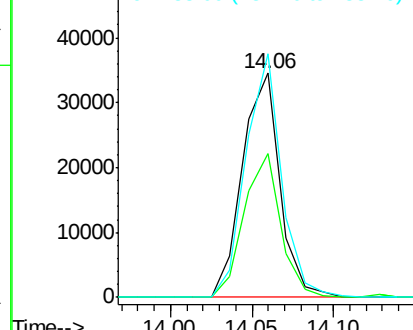
65 100

92 63.9 47.3 70.9

138 108.6 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: 35.09 ng

RT: 14.67 min Scan# 1188

Delta R.T. -0.00 min

Lab File: BF076936.D

Acq: 19 Jan 2015 18:50

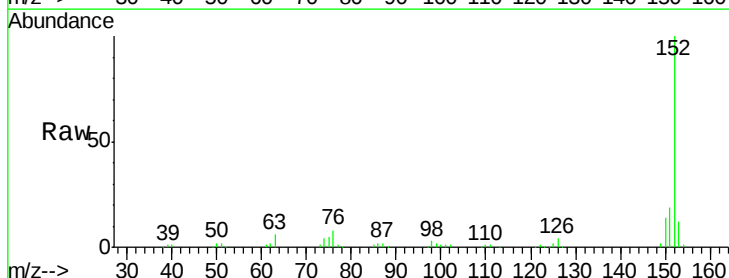
Tgt Ion: 152 Resp: 284637

Ion Ratio Lower Upper

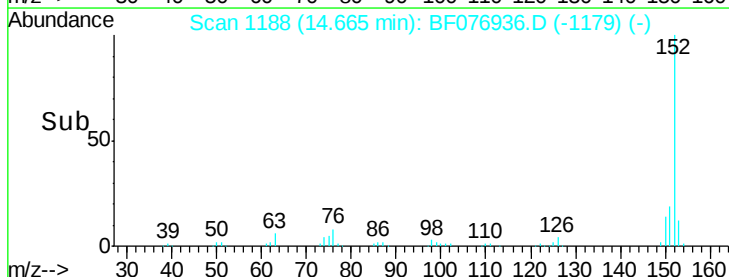
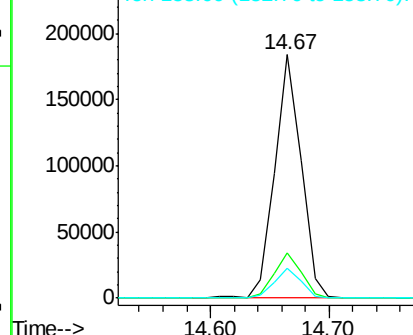
152 100

151 18.5 15.9 23.9

153 12.3 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

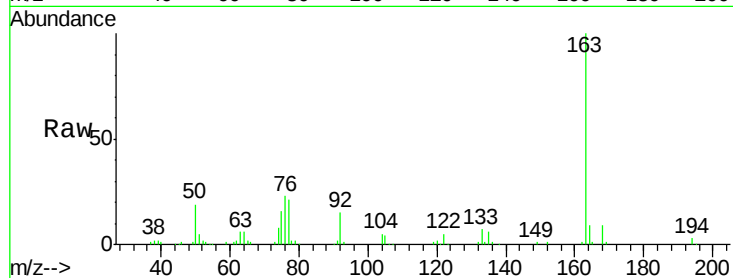




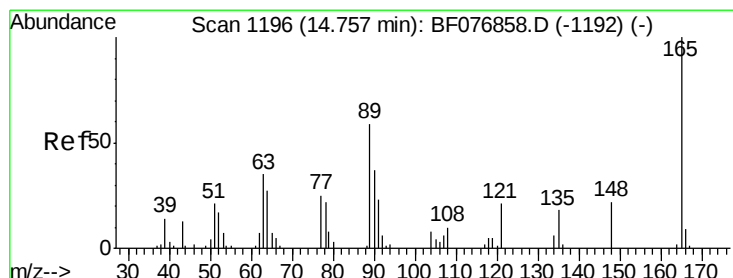
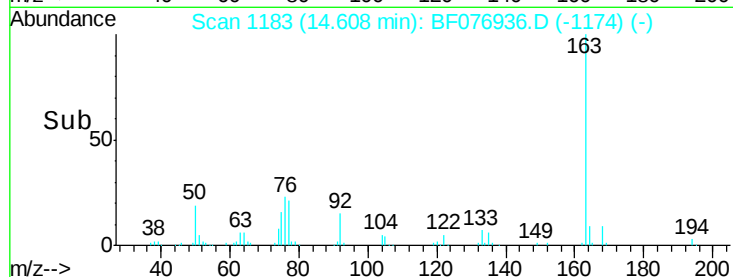
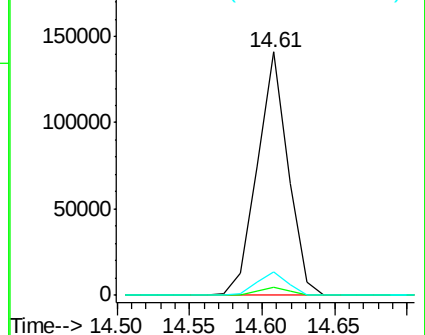
#49
Dimethylphthalate
Concen: 37.09 ng
RT: 14.61 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BF076936.D
Acq: 19 Jan 2015 18:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 207303
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 9.4 7.5 11.3

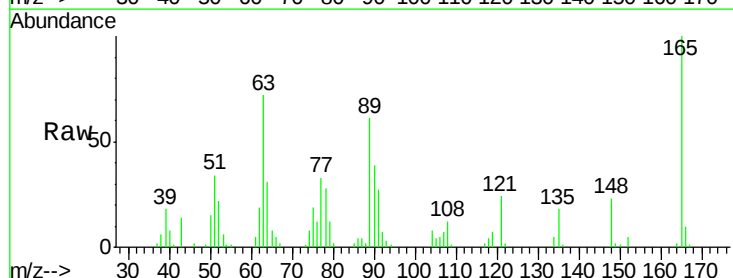


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

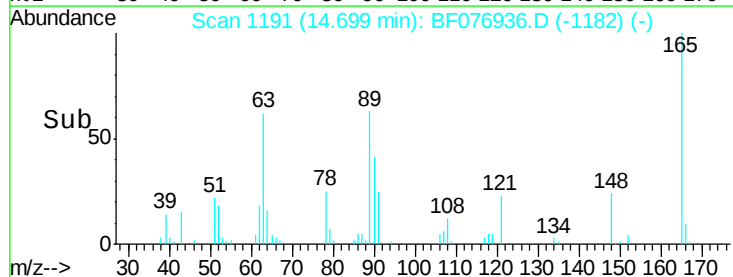
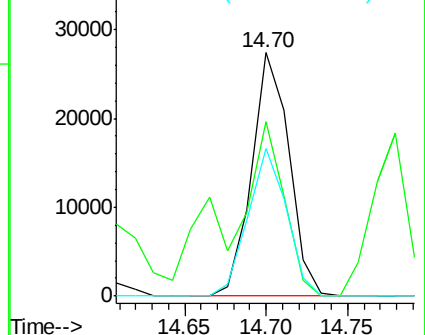


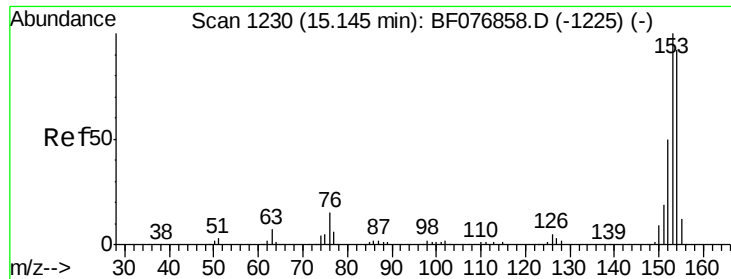
#50
2,6-Dinitrotoluene
Concen: 39.04 ng
RT: 14.70 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BF076936.D
Acq: 19 Jan 2015 18:50

Tgt Ion:165 Resp: 43597
Ion Ratio Lower Upper
165 100
63 71.9 48.1 72.1
89 60.6 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: 34.58 ng

RT: 15.09 min Scan# 1225

Delta R.T. -0.00 min

Lab File: BF076936.D

Acq: 19 Jan 2015 18:50

Instrument :

BNA_F

ClientSampled :

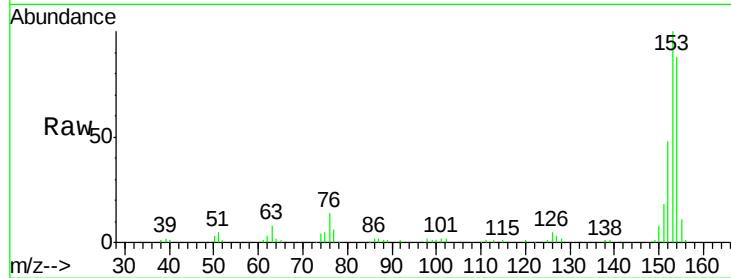
Tot Ion:154 Resp: 159121

Ion Ratio Lower Upper

154 100

153 113.2 87.0 130.6

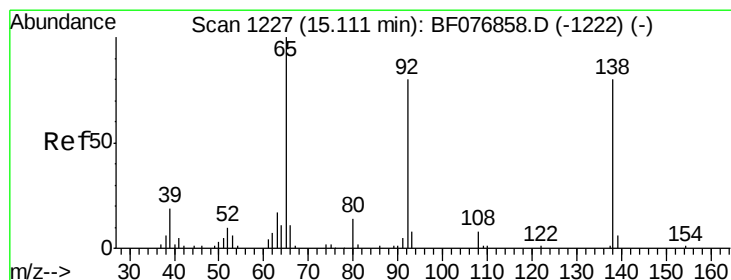
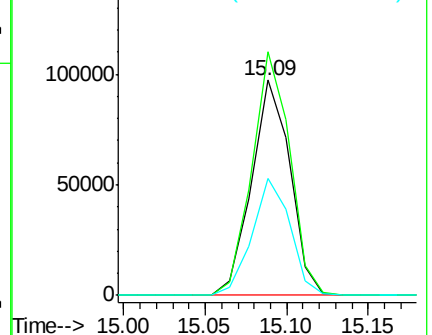
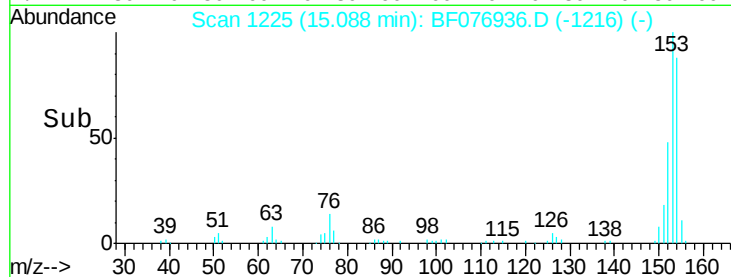
152 54.3 43.5 65.3



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: 24.17 ng

RT: 15.05 min Scan# 1222

Delta R.T. -0.00 min

Lab File: BF076936.D

Acq: 19 Jan 2015 18:50

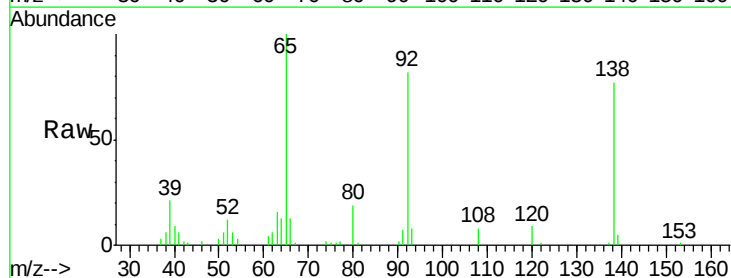
Tgt Ion:138 Resp: 33883

Ion Ratio Lower Upper

138 100

108 10.7 8.3 12.5

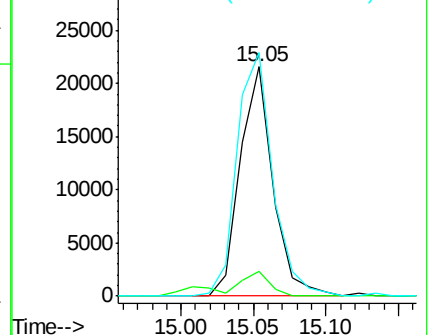
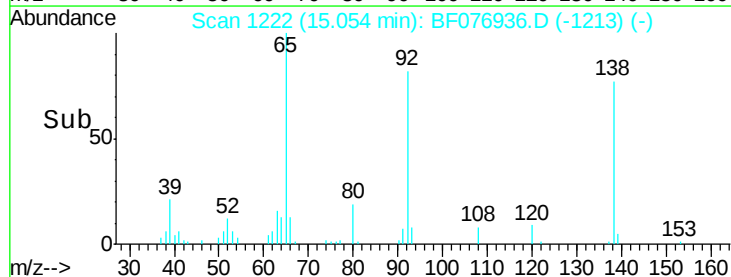
92 106.1 80.9 121.3

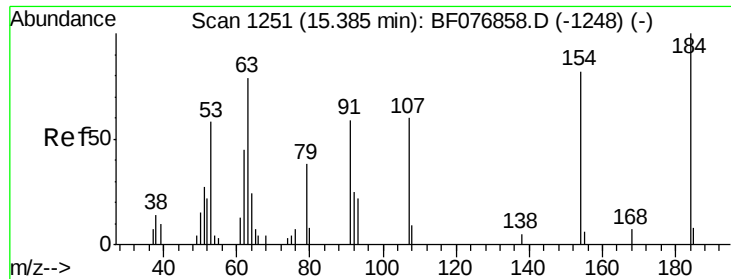


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

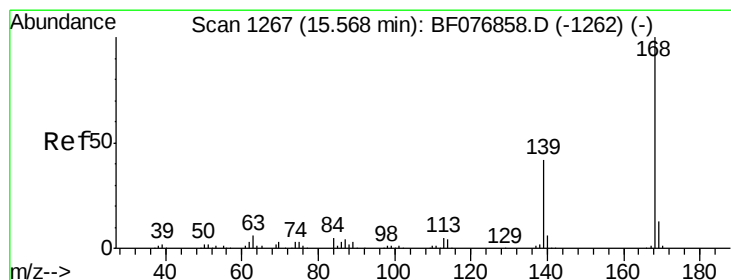
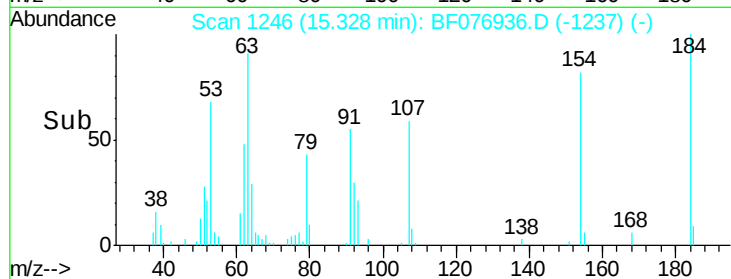
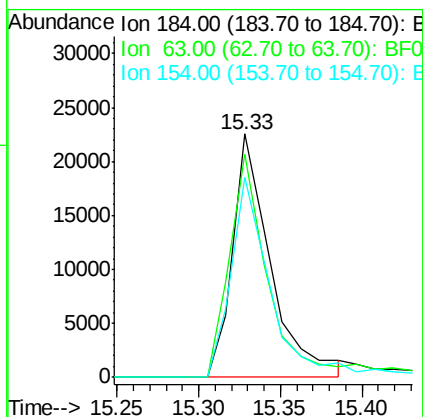
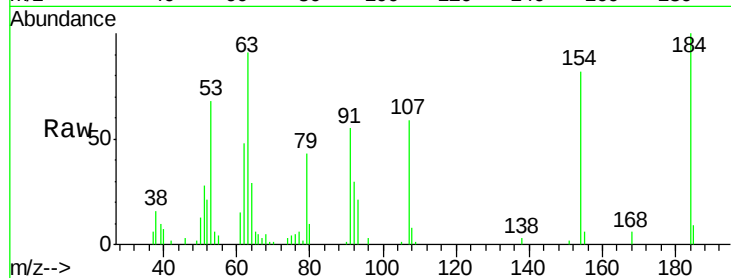




#53
 2,4-Dinitrophenol
 Concen: 70.86 ng
 RT: 15.33 min Scan# 1246
 Delta R.T. -0.00 min
 Lab File: BF076936.D
 Acq: 19 Jan 2015 18:50

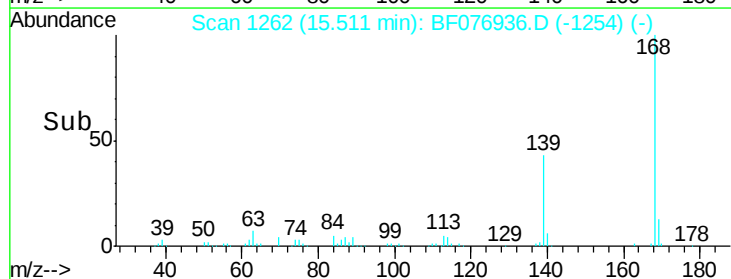
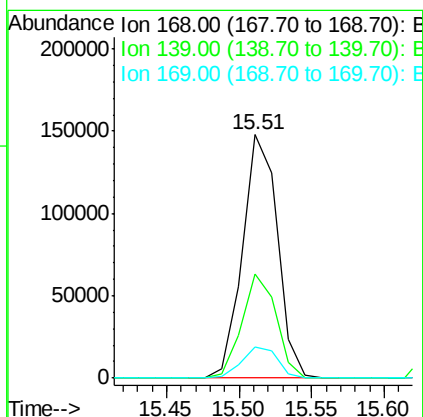
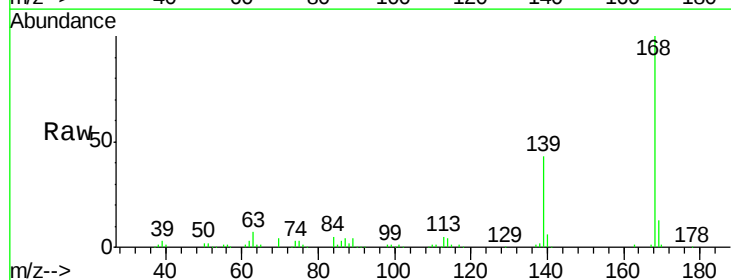
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 36313
 Ion Ratio Lower Upper
 184 100
 63 91.5 63.0 94.6
 154 82.3 65.5 98.3



#54
 Dibenzofuran
 Concen: 36.75 ng
 RT: 15.51 min Scan# 1262
 Delta R.T. -0.01 min
 Lab File: BF076936.D
 Acq: 19 Jan 2015 18:50

Tgt Ion:168 Resp: 246331
 Ion Ratio Lower Upper
 168 100
 139 42.7 33.4 50.2
 169 12.6 10.6 15.8

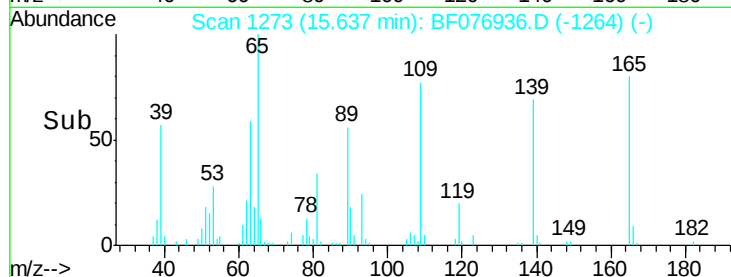
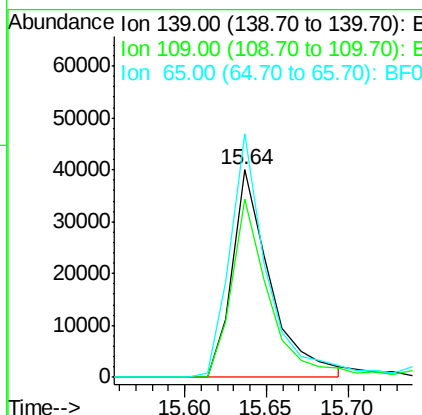
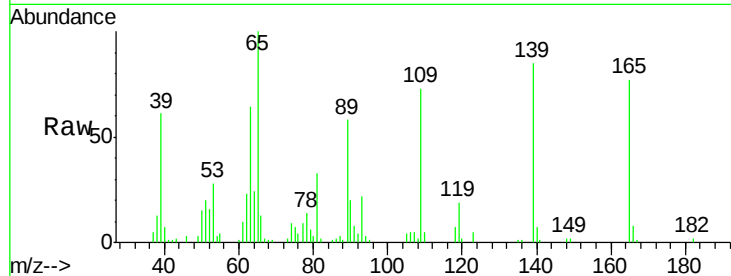




#55
4-Nitrophenol
Concen: 73.58 ng
RT: 15.64 min Scan# 1273
Delta R.T. -0.00 min
Lab File: BF076936.D
Acq: 19 Jan 2015 18:50

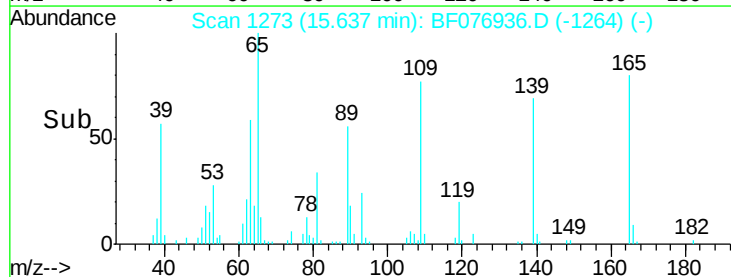
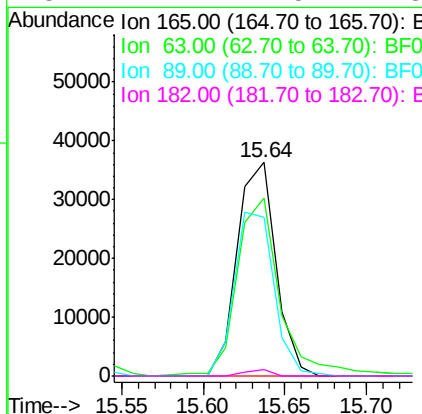
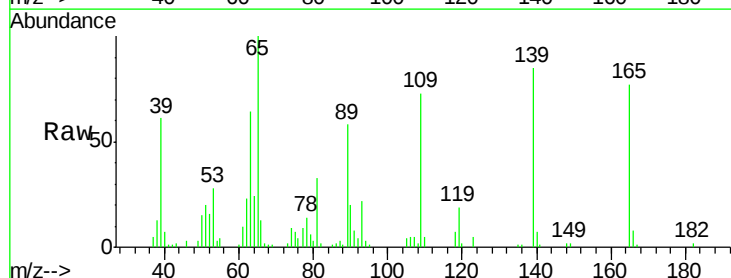
Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 64472
Ion Ratio Lower Upper
139 100
109 86.1 61.0 101.0
65 117.3 96.6 136.6



#56
2,4-Dinitrotoluene
Concen: 36.06 ng
RT: 15.64 min Scan# 1273
Delta R.T. -0.00 min
Lab File: BF076936.D
Acq: 19 Jan 2015 18:50

Tgt Ion:165 Resp: 59446
Ion Ratio Lower Upper
165 100
63 83.1 44.8 67.2#
89 74.6 56.2 84.2
182 2.7 1.5 2.3#

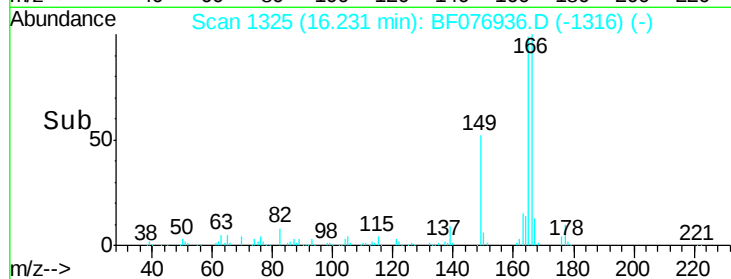
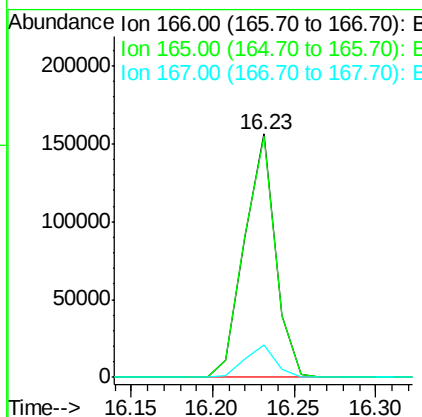
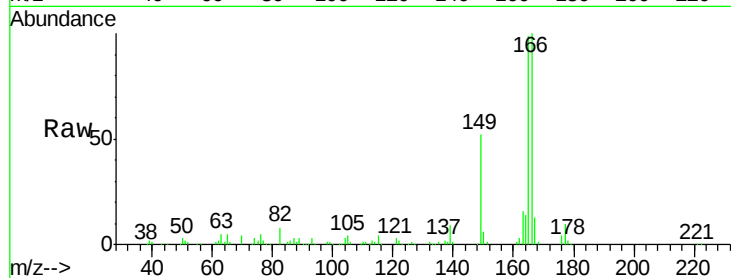




#57
 Fluorene
 Concen: 36.16 ng
 RT: 16.23 min Scan# 1325
 Delta R.T. -0.00 min
 Lab File: BF076936.D
 Acq: 19 Jan 2015 18:50

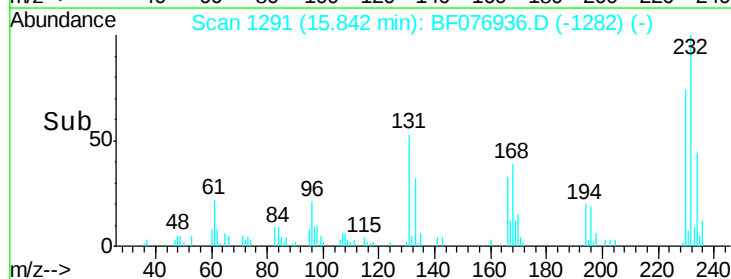
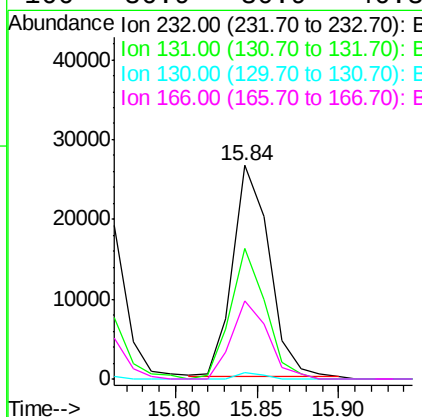
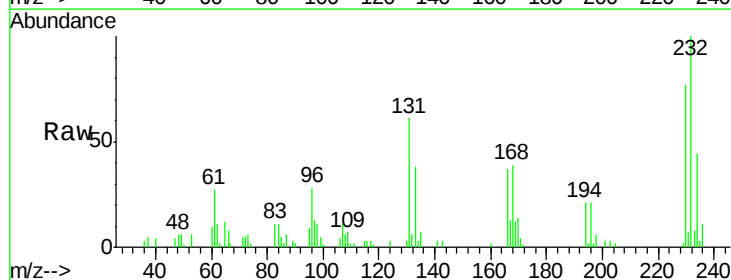
Instrument :
 BNA_F
 ClientSampleId :

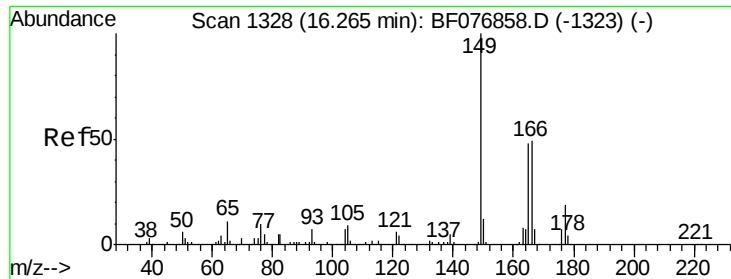
Tot Ion:166 Resp: 205351
 Ion Ratio Lower Upper
 166 100
 165 98.9 78.5 117.7
 167 13.2 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 38.84 ng
 RT: 15.84 min Scan# 1291
 Delta R.T. -0.00 min
 Lab File: BF076936.D
 Acq: 19 Jan 2015 18:50

Tgt Ion:232 Resp: 40959
 Ion Ratio Lower Upper
 232 100
 131 59.8 45.0 67.6
 130 2.1 2.6 3.8#
 166 36.9 30.9 46.3

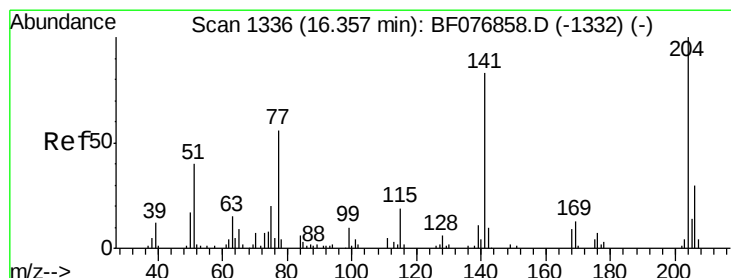
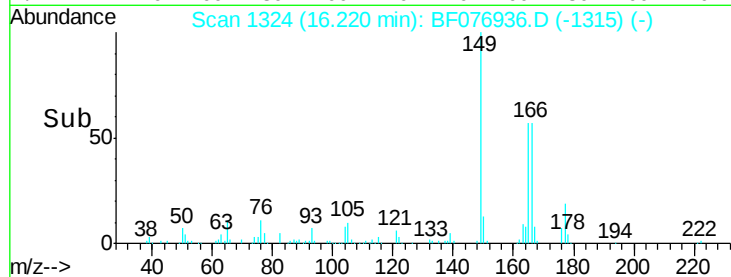
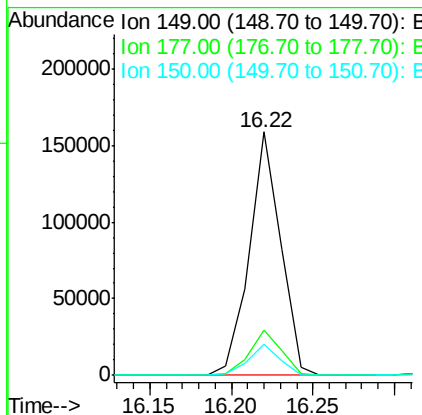
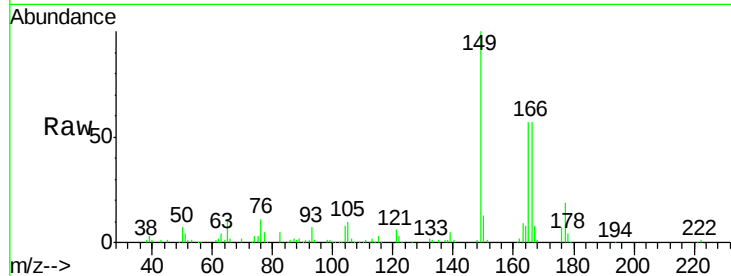




#59
Diethylphthalate
Concen: 37.47 ng
RT: 16.22 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BF076936.D
Acq: 19 Jan 2015 18:50

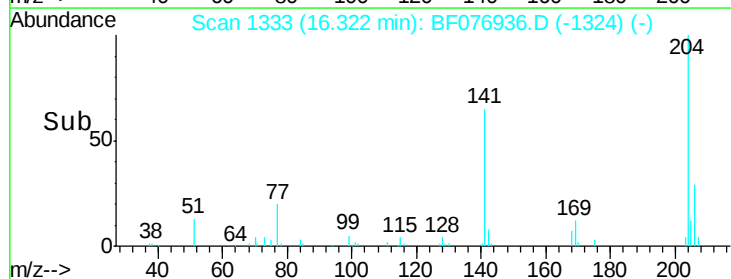
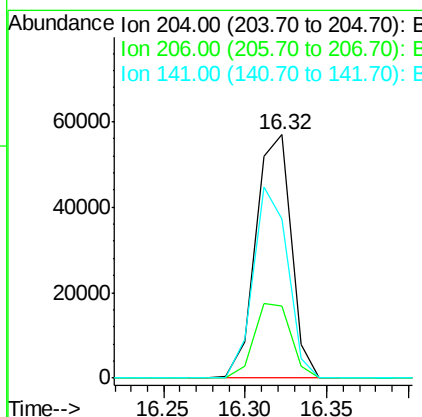
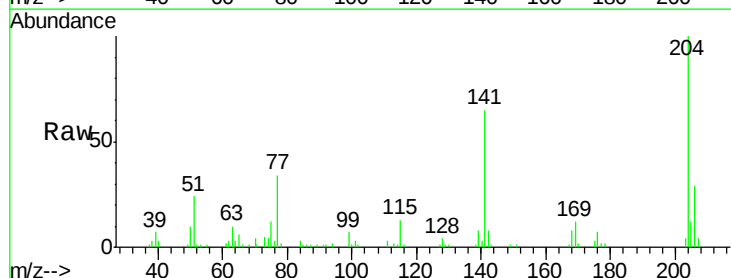
Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 211681
Ion Ratio Lower Upper
149 100
177 18.8 15.0 22.6
150 12.5 9.4 14.0



#60
4-Chlorophenyl-phenylether
Concen: 37.06 ng
RT: 16.32 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BF076936.D
Acq: 19 Jan 2015 18:50

Tgt Ion:204 Resp: 86125
Ion Ratio Lower Upper
204 100
206 29.4 24.2 36.2
141 65.4 66.7 100.1#

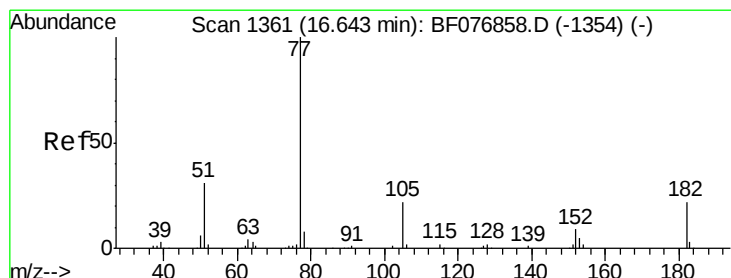
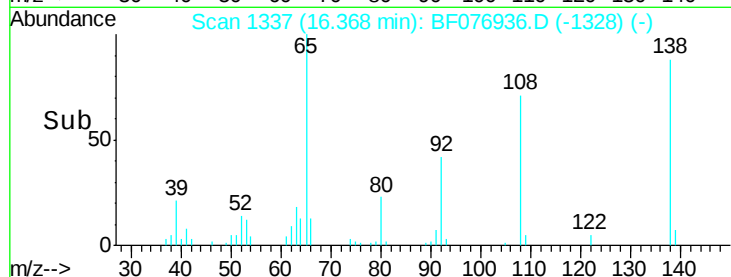
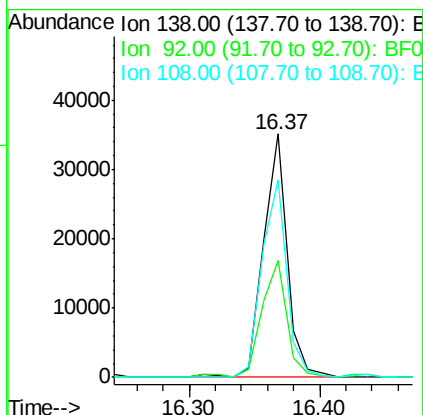
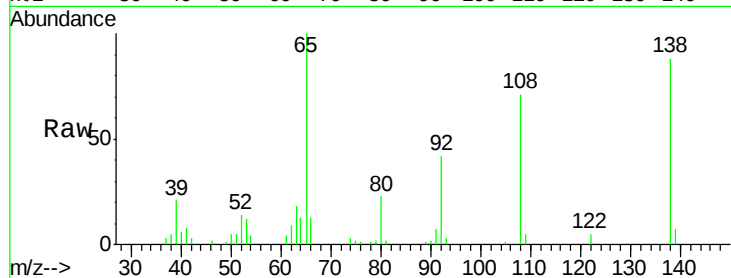




#61
4-Nitroaniline
Concen: 32.53 ng
RT: 16.37 min Scan# 1337
Delta R.T. -0.00 min
Lab File: BF076936.D
Acq: 19 Jan 2015 18:50

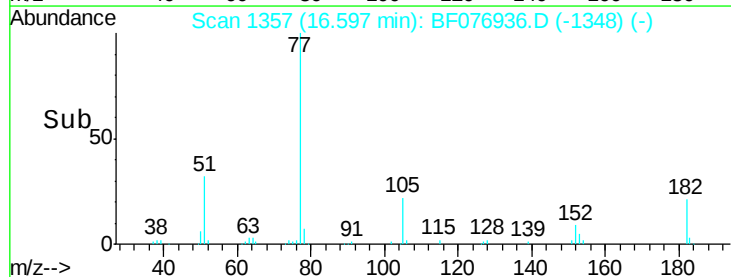
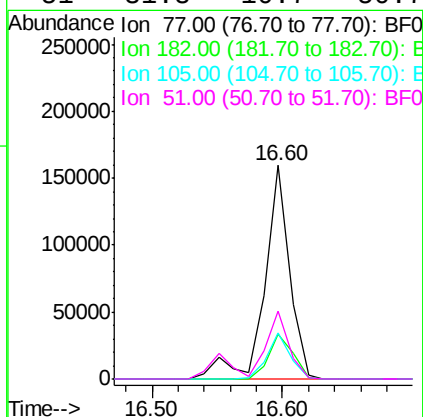
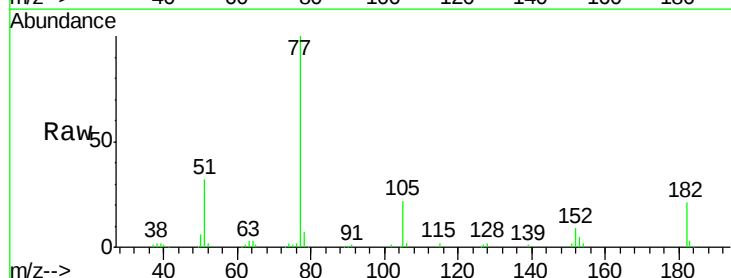
Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 45130
Ion Ratio Lower Upper
138 100
92 48.1 26.7 66.7
108 81.0 64.5 104.5



#62
Azobenzene
Concen: 36.38 ng
RT: 16.60 min Scan# 1357
Delta R.T. -0.00 min
Lab File: BF076936.D
Acq: 19 Jan 2015 18:50

Tgt Ion: 77 Resp: 214127
Ion Ratio Lower Upper
77 100
182 21.0 2.0 42.0
105 21.7 2.3 42.3
51 31.8 10.7 50.7

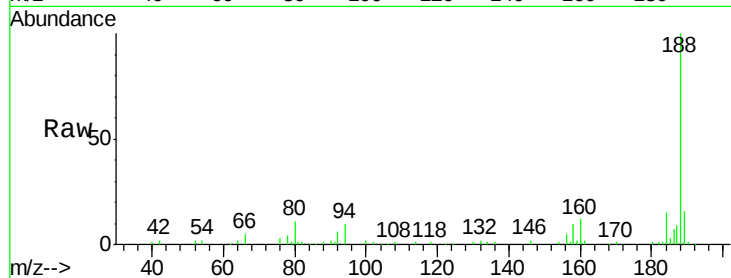




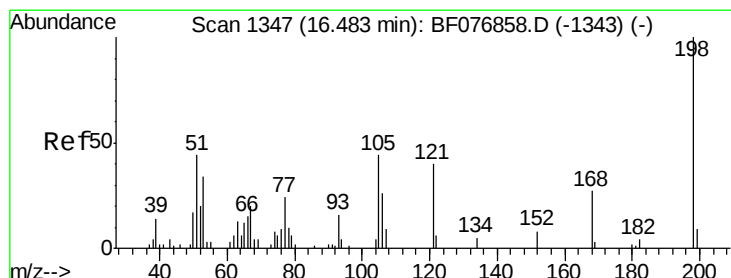
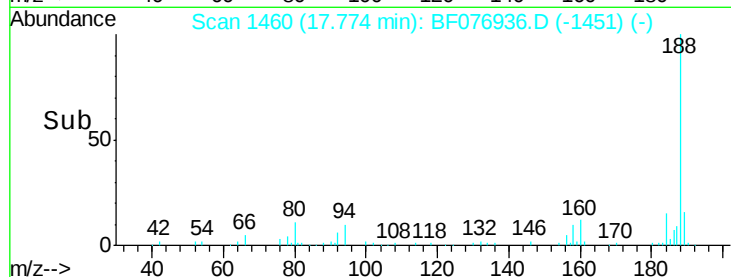
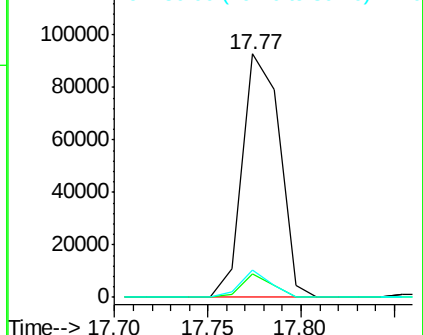
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.77 min Scan# 1460
 Delta R.T. -0.00 min
 Lab File: BF076936.D
 Acq: 19 Jan 2015 18:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 128541
 Ion Ratio Lower Upper
 188 100
 94 9.9 6.0 9.0#
 80 12.1 6.9 10.3#

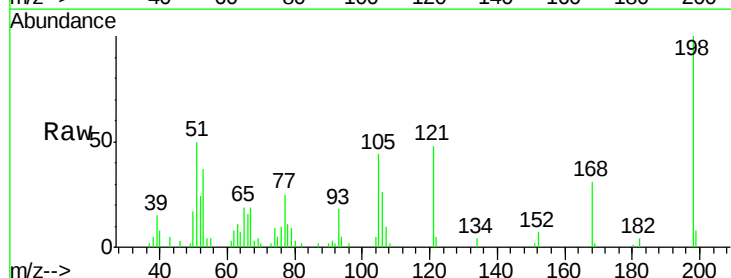


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

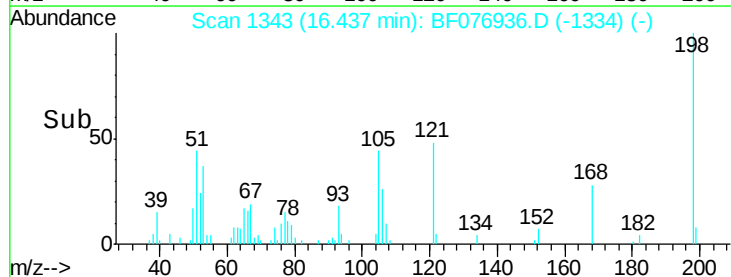
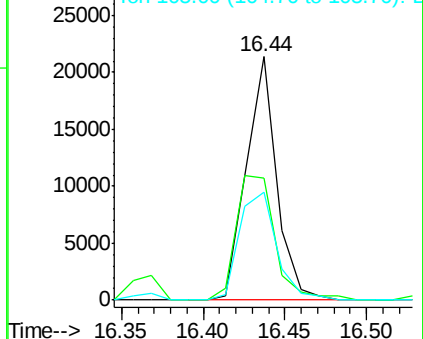


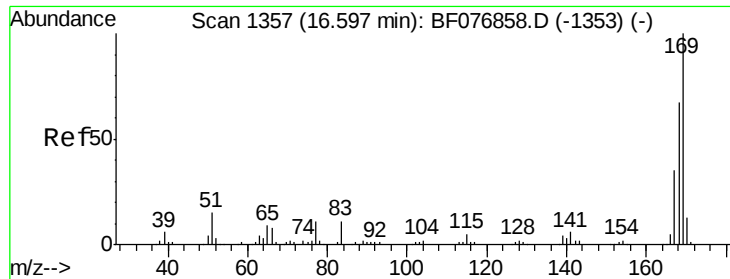
#64
 4,6-Dinitro-2-methylphenol
 Concen: 34.36 ng
 RT: 16.44 min Scan# 1343
 Delta R.T. -0.00 min
 Lab File: BF076936.D
 Acq: 19 Jan 2015 18:50

Tgt Ion:198 Resp: 27552
 Ion Ratio Lower Upper
 198 100
 51 50.1 24.2 64.2
 105 44.4 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

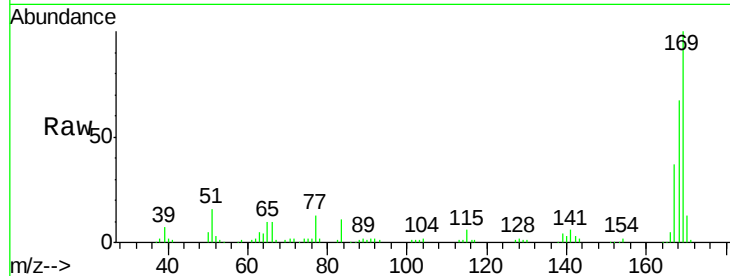




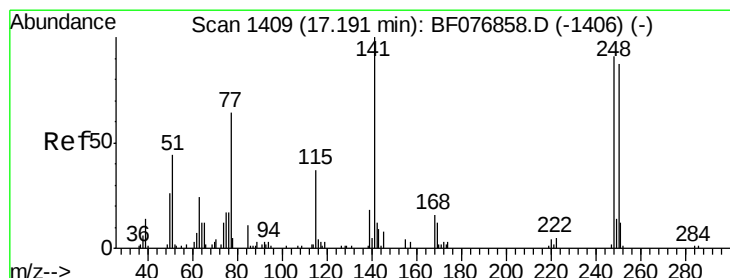
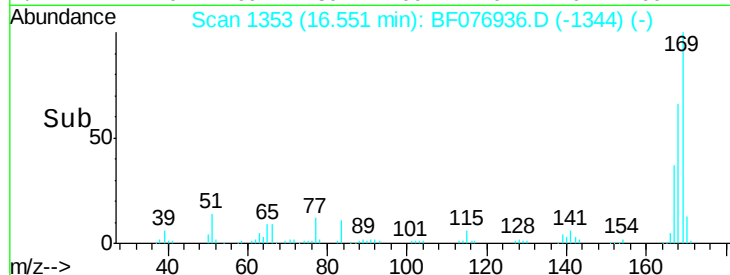
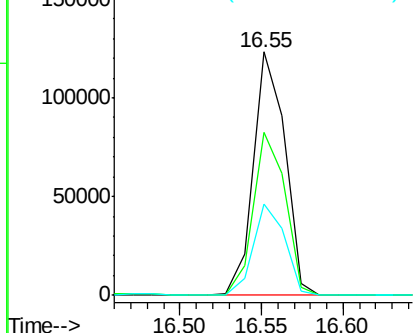
#65
 n-Nitrosodiphenylamine
 Concen: 36.17 ng
 RT: 16.55 min Scan# 1353
 Delta R.T. -0.00 min
 Lab File: BF076936.D
 Acq: 19 Jan 2015 18:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 165794
 Ion Ratio Lower Upper
 169 100
 168 67.1 53.8 80.6
 167 37.3 27.8 41.6

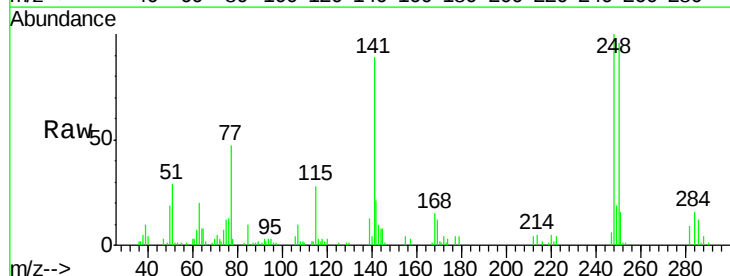


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

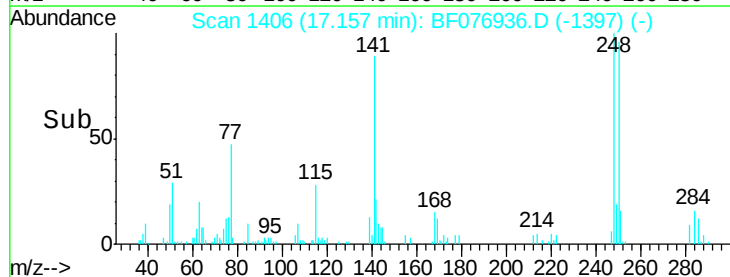
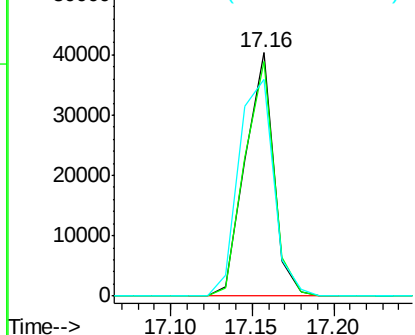


#66
 4-Bromophenyl-phenylether
 Concen: 37.30 ng
 RT: 17.16 min Scan# 1406
 Delta R.T. -0.00 min
 Lab File: BF076936.D
 Acq: 19 Jan 2015 18:50

Tgt Ion:248 Resp: 48571
 Ion Ratio Lower Upper
 248 100
 250 96.5 77.1 115.7
 141 88.9 88.2 132.4



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

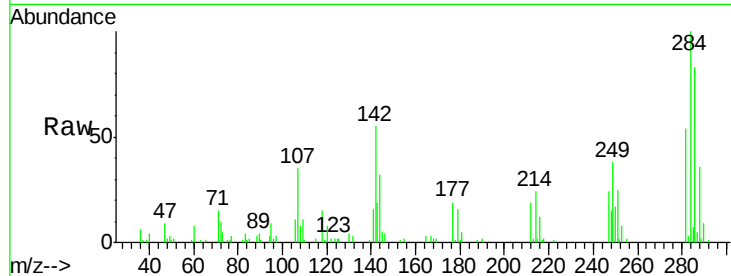




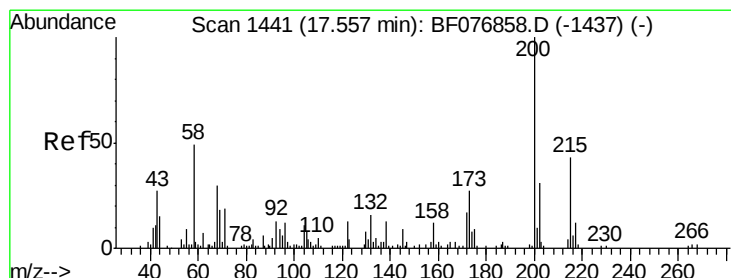
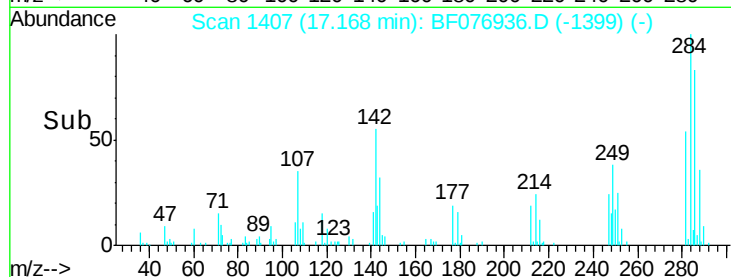
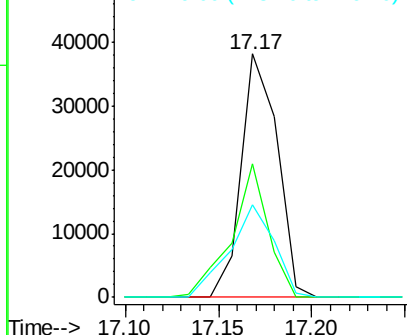
#67
Hexachlorobenzene
Concen: 37.42 ng
RT: 17.17 min Scan# 1407
Delta R.T. -0.01 min
Lab File: BF076936.D
Acq: 19 Jan 2015 18:50

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 51359
Ion Ratio Lower Upper
284 100
142 54.9 38.2 57.4
249 38.0 28.2 42.2

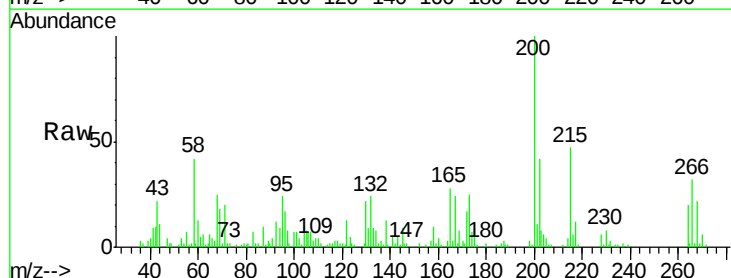


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

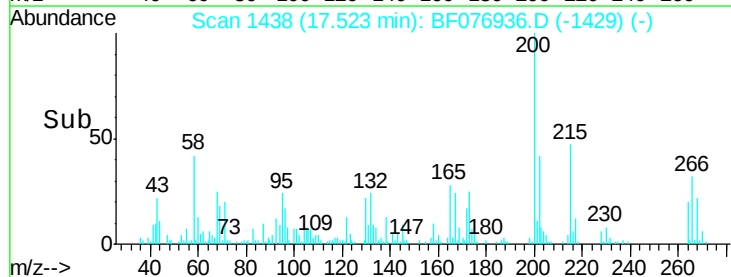
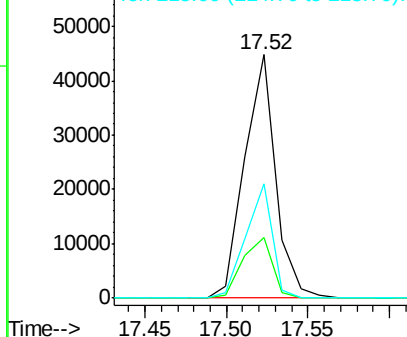


#68
Atrazine
Concen: 42.51 ng
RT: 17.52 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BF076936.D
Acq: 19 Jan 2015 18:50

Tgt Ion:200 Resp: 59119
Ion Ratio Lower Upper
200 100
173 25.1 6.6 46.6
215 46.8 22.9 62.9



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

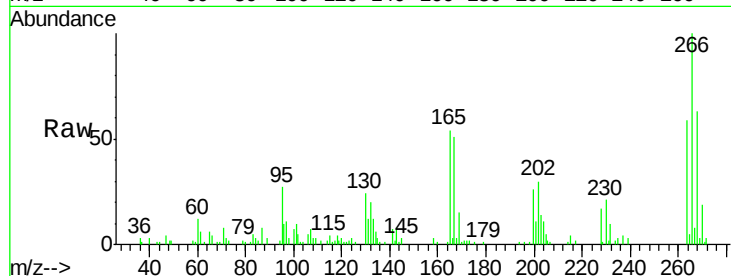




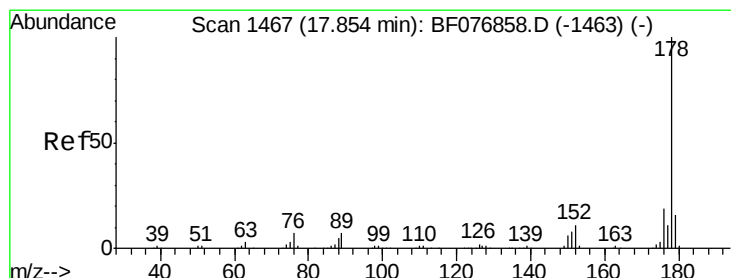
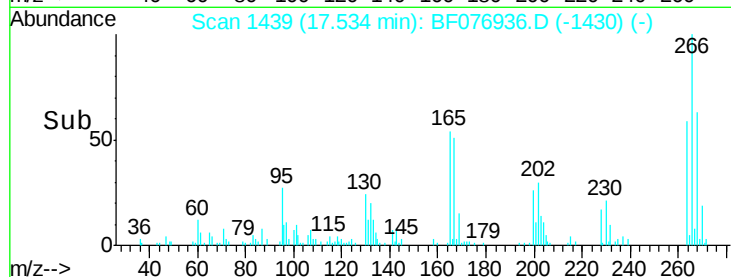
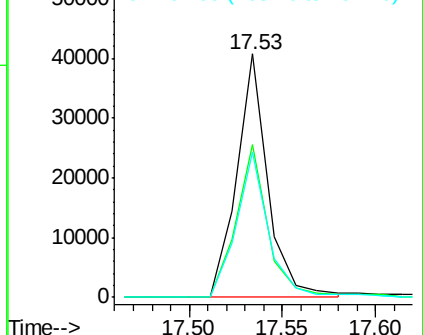
#69
 Pentachlorophenol
 Concen: 75.80 ng
 RT: 17.53 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: BF076936.D
 Acq: 19 Jan 2015 18:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 47463
 Ion Ratio Lower Upper
 266 100
 268 62.8 48.6 72.8
 264 59.5 49.5 74.3

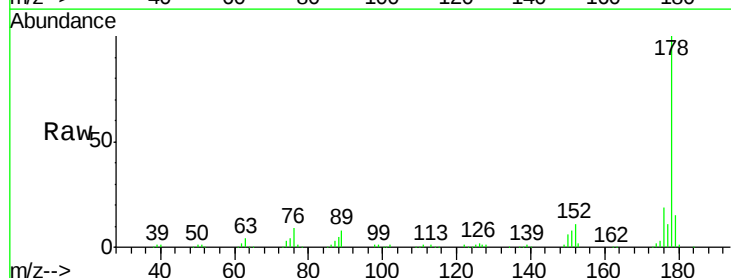


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

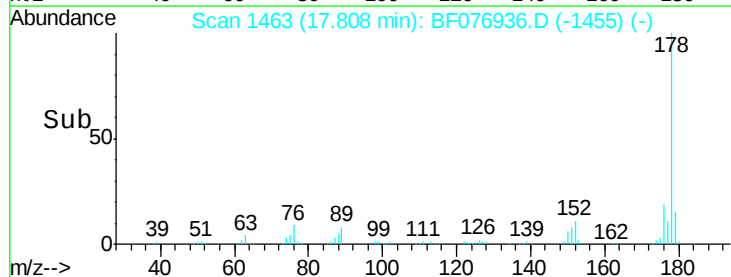
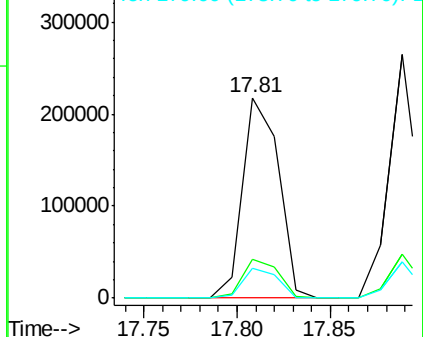


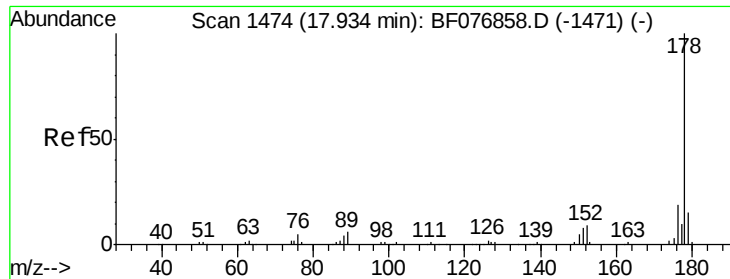
#70
 Phenanthrene
 Concen: 36.43 ng
 RT: 17.81 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: BF076936.D
 Acq: 19 Jan 2015 18:50

Tgt Ion:178 Resp: 292006
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.1 22.7
 179 15.1 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

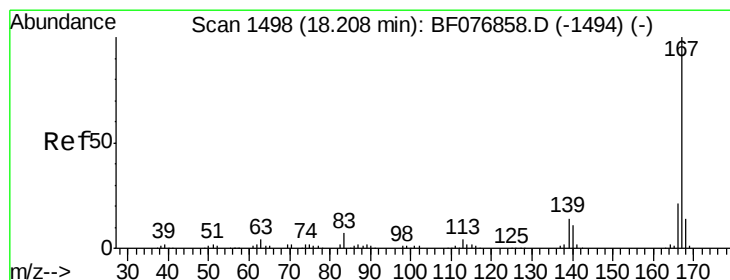
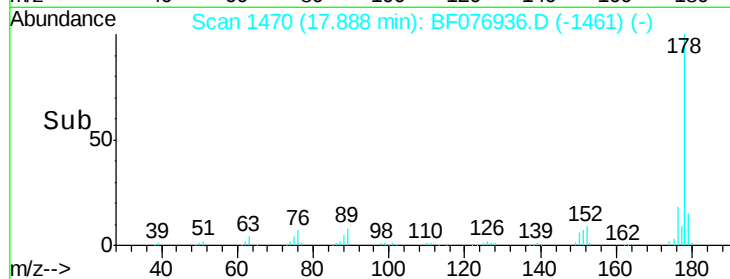
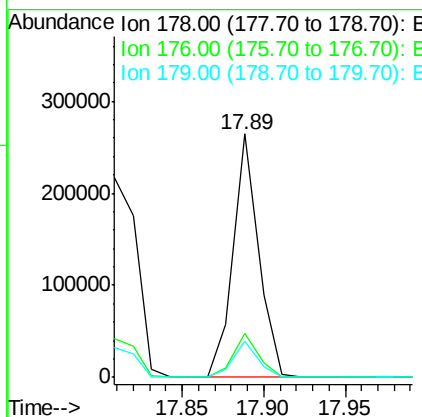
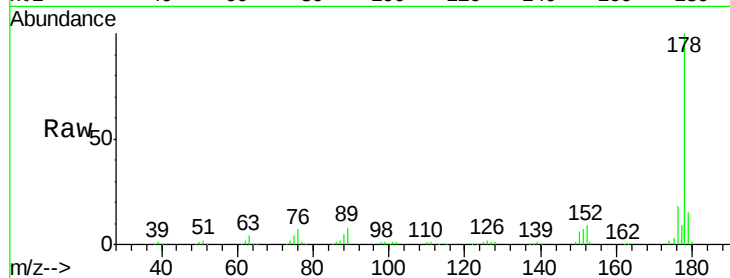




#71
 Anthracene
 Concen: 36.66 ng
 RT: 17.89 min Scan# 1470
 Delta R.T. -0.00 min
 Lab File: BF076936.D
 Acq: 19 Jan 2015 18:50

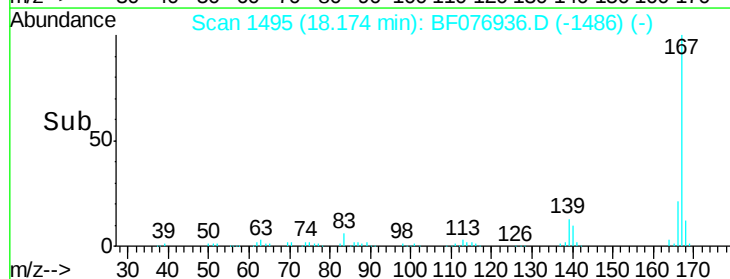
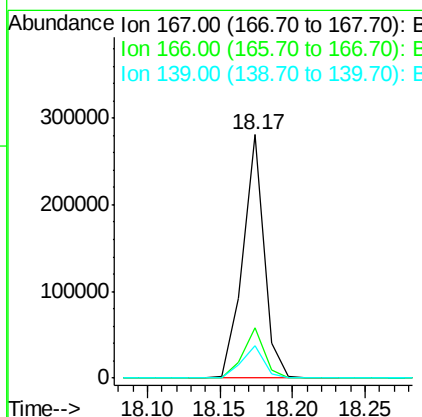
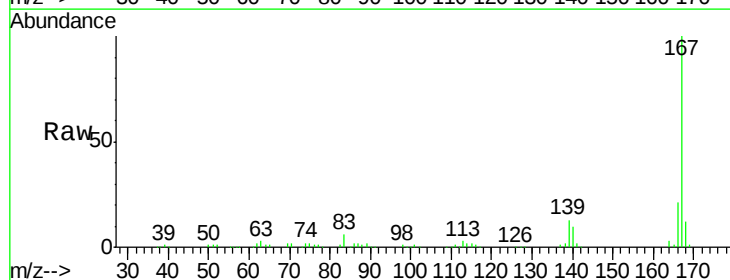
Instrument :
 BNA_F
 ClientSampleId :

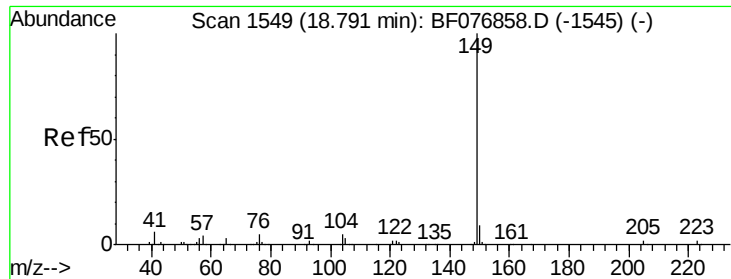
Tot Ion:178 Resp: 286533
 Ion Ratio Lower Upper
 178 100
 176 18.0 15.4 23.0
 179 14.9 11.9 17.9



#72
 Carbazole
 Concen: 37.93 ng
 RT: 18.17 min Scan# 1495
 Delta R.T. -0.00 min
 Lab File: BF076936.D
 Acq: 19 Jan 2015 18:50

Tgt Ion:167 Resp: 287550
 Ion Ratio Lower Upper
 167 100
 166 20.7 17.0 25.6
 139 13.2 11.3 16.9





#73

Di-n-butylphthalate

Concen: 37.86 ng

RT: 18.76 min Scan# 1546

Delta R.T. -0.00 min

Lab File: BF076936.D

Acq: 19 Jan 2015 18:50

Instrument :

BNA_F

ClientSampleId :

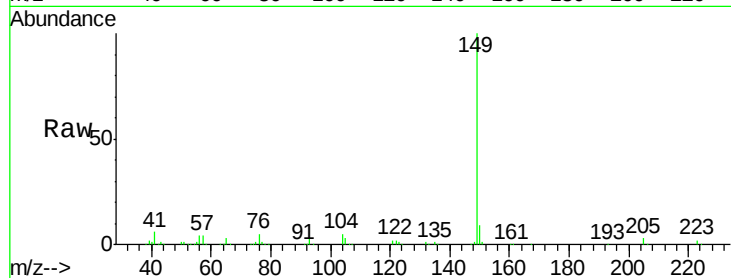
Tot Ion:149 Resp: 332301

Ion Ratio Lower Upper

149 100

150 9.3 6.9 10.3

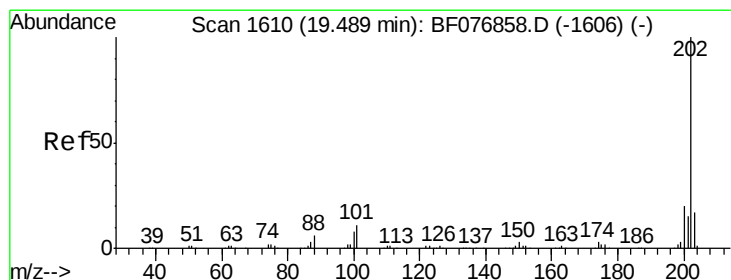
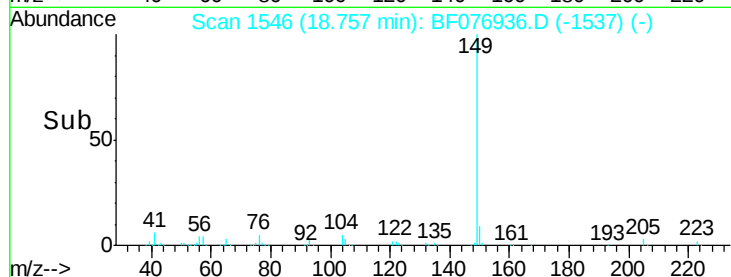
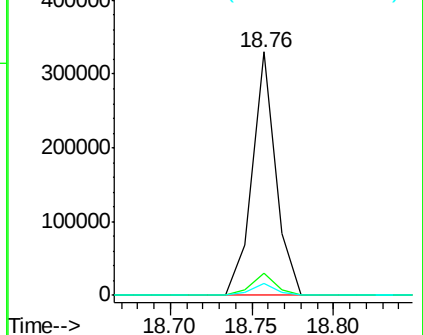
104 5.0 3.7 5.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 36.62 ng

RT: 19.45 min Scan# 1607

Delta R.T. -0.00 min

Lab File: BF076936.D

Acq: 19 Jan 2015 18:50

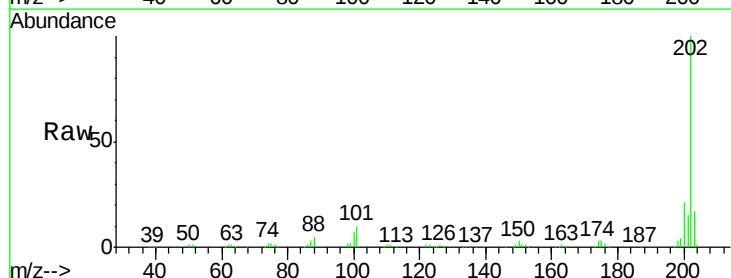
Tgt Ion:202 Resp: 300782

Ion Ratio Lower Upper

202 100

101 9.9 0.0 30.7

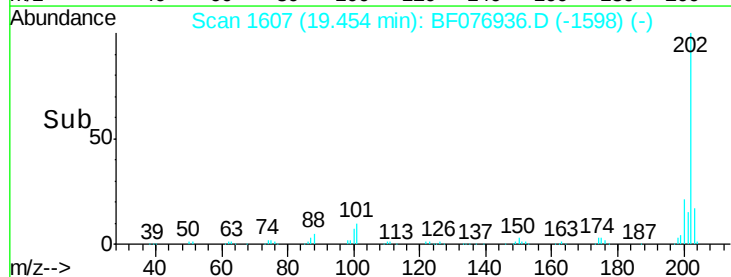
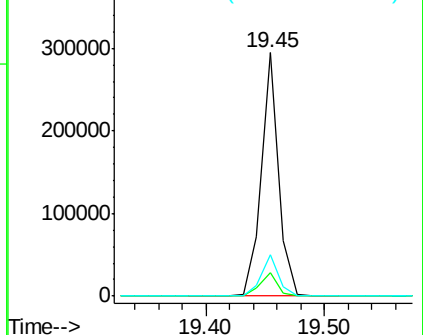
203 17.1 0.0 36.9

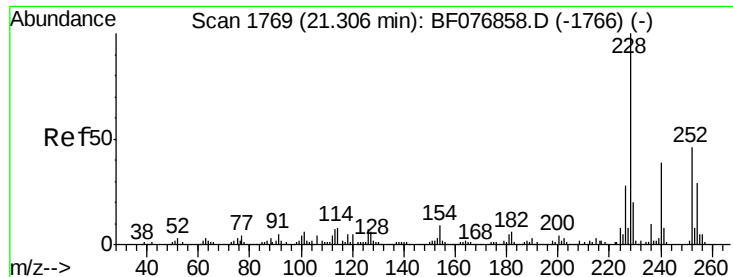


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

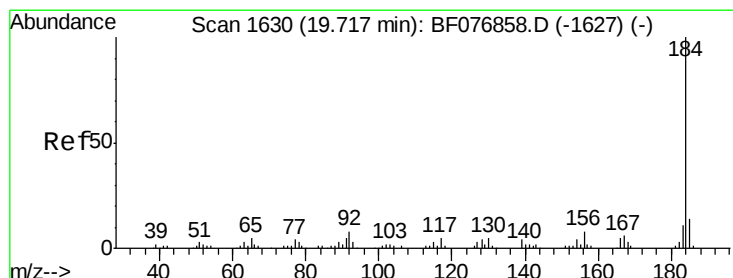
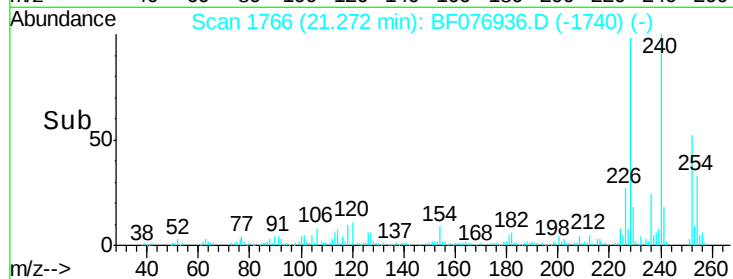
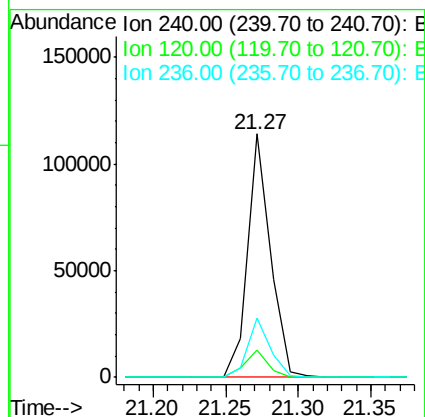
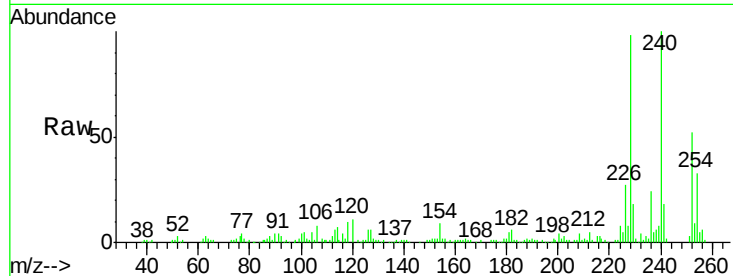




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.27 min Scan# 1766
Delta R.T. -0.00 min
Lab File: BF076936.D
Acq: 19 Jan 2015 18:50

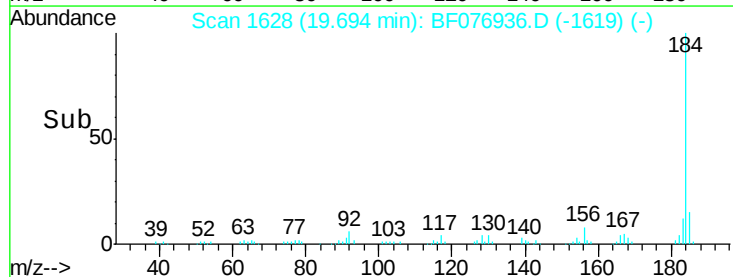
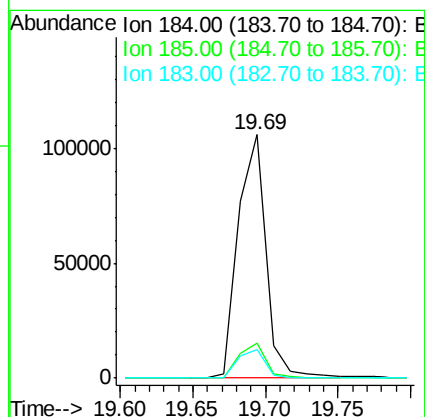
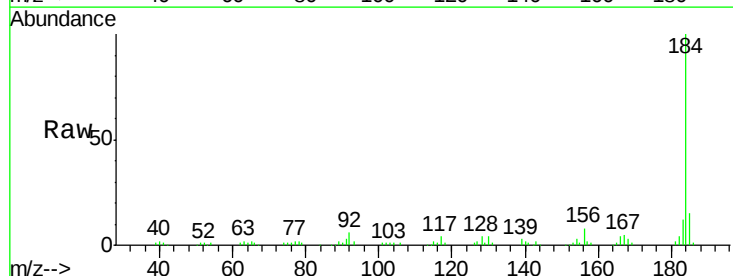
Instrument :
BNA_F
ClientSampleId :

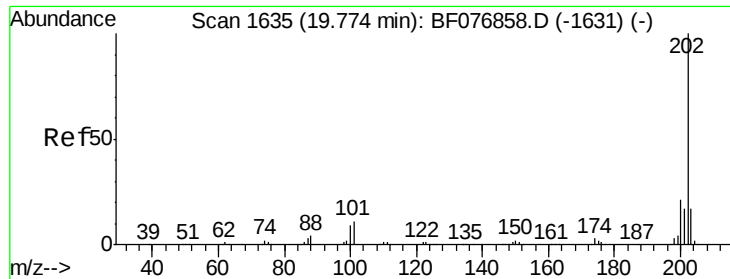
Tot Ion:240 Resp: 124672
Ion Ratio Lower Upper
240 100
120 11.0 10.4 15.6
236 24.3 20.2 30.2



#76
Benzidine
Concen: 35.49 ng
RT: 19.69 min Scan# 1628
Delta R.T. -0.00 min
Lab File: BF076936.D
Acq: 19 Jan 2015 18:50

Tgt Ion:184 Resp: 141571
Ion Ratio Lower Upper
184 100
185 14.6 11.4 17.2
183 11.7 9.0 13.6

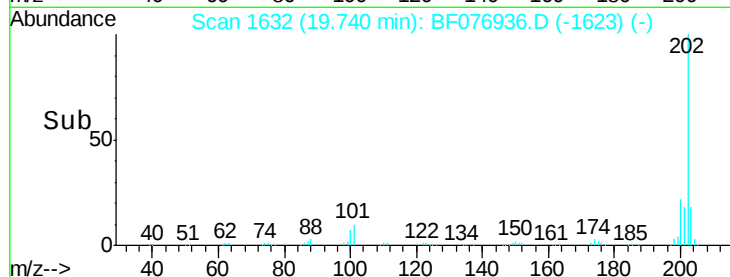
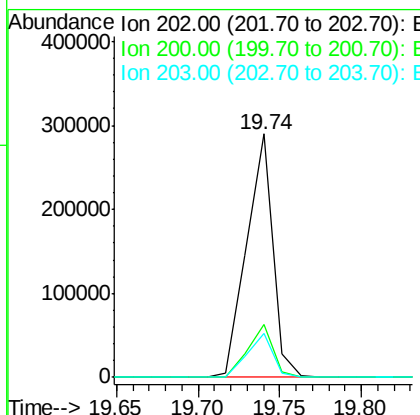
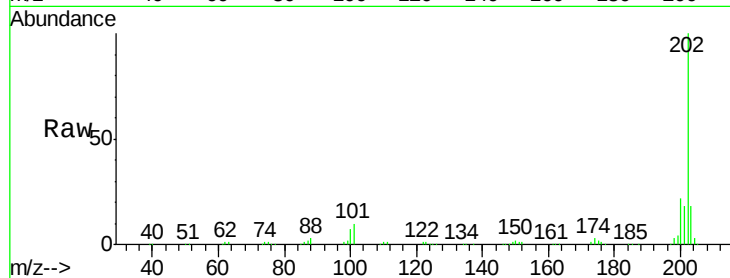




#77
 Pvrene
 Concen: 37.70 ng
 RT: 19.74 min Scan# 1632
 Delta R.T. -0.00 min
 Lab File: BF076936.D
 Acq: 19 Jan 2015 18:50

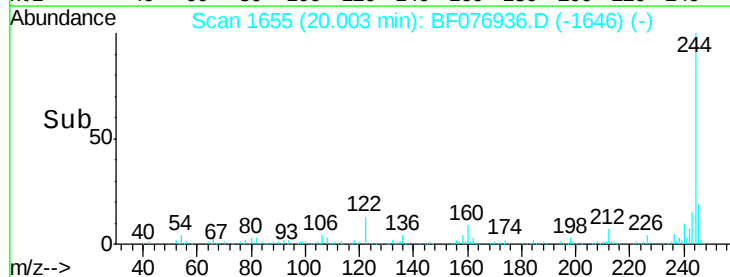
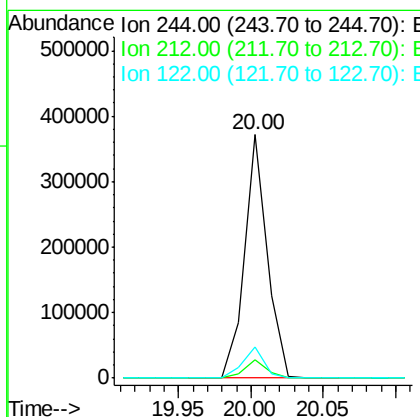
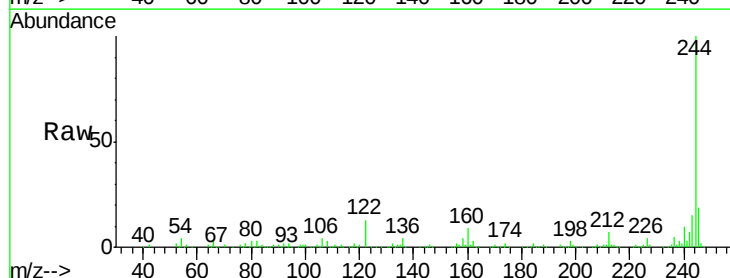
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.6	16.7	25.1
203	18.2	14.0	21.0



#78
 Terphenyl-d14
 Concen: 74.33 ng
 RT: 20.00 min Scan# 1655
 Delta R.T. -0.00 min
 Lab File: BF076936.D
 Acq: 19 Jan 2015 18:50

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.3	9.5
122	13.0	10.1	15.1





#79

Butylbenzylphthalate

Concen: 38.26 ng

RT: 20.67 min Scan# 1713

Delta R.T. -0.00 min

Lab File: BF076936.D

Acq: 19 Jan 2015 18:50

Instrument :

BNA_F

ClientSampleId :

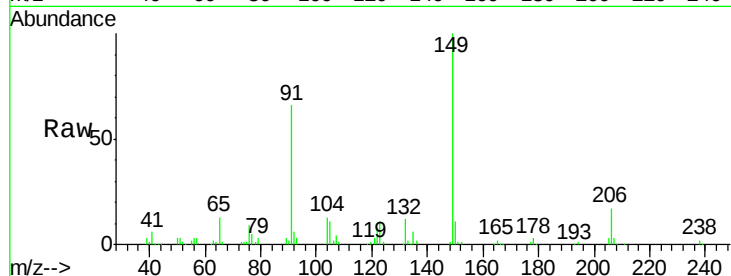
Tot Ion:149 Resp: 148056

Ion Ratio Lower Upper

149 100

91 65.7 50.6 76.0

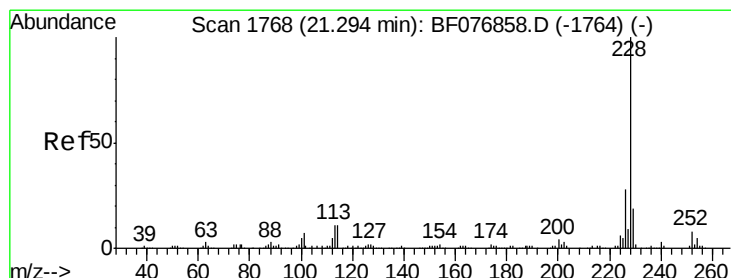
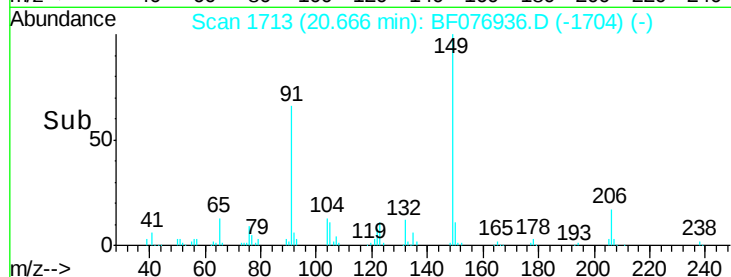
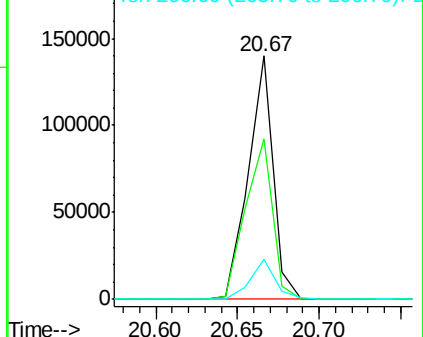
206 16.7 12.8 19.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 35.58 ng

RT: 21.26 min Scan# 1765

Delta R.T. -0.00 min

Lab File: BF076936.D

Acq: 19 Jan 2015 18:50

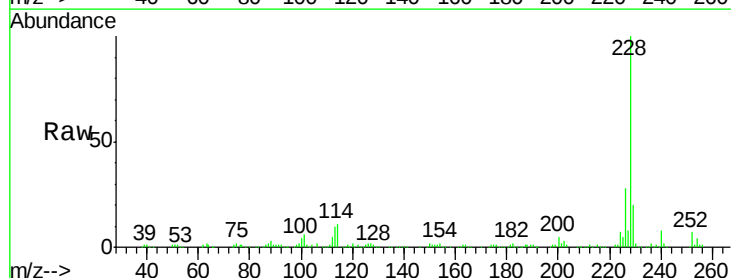
Tgt Ion:228 Resp: 278337

Ion Ratio Lower Upper

228 100

226 27.8 22.1 33.1

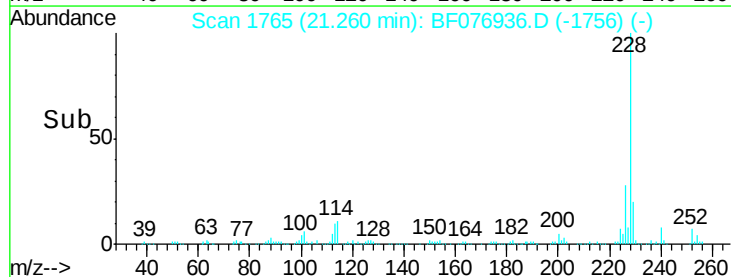
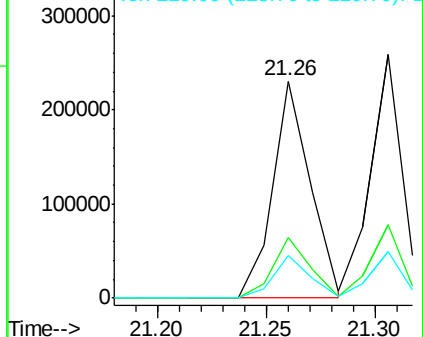
229 19.7 15.5 23.3

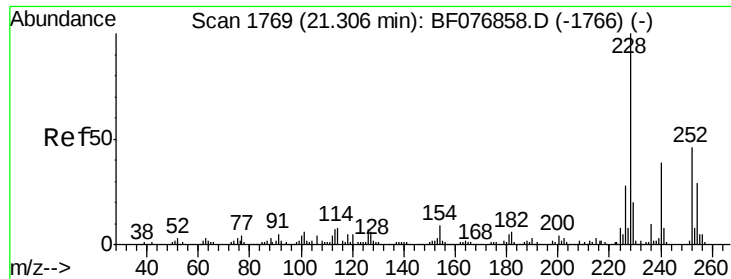


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

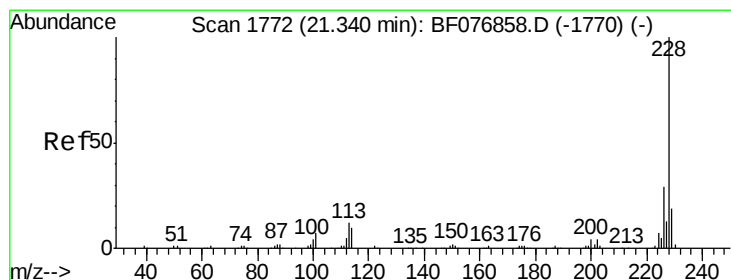
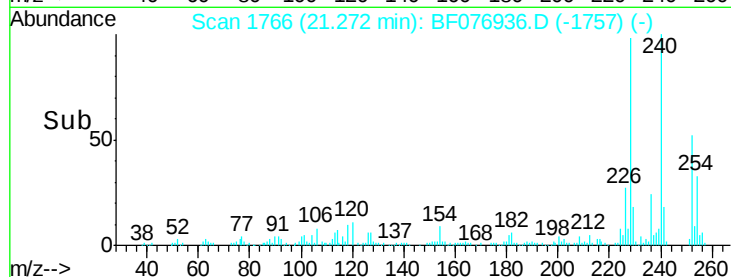
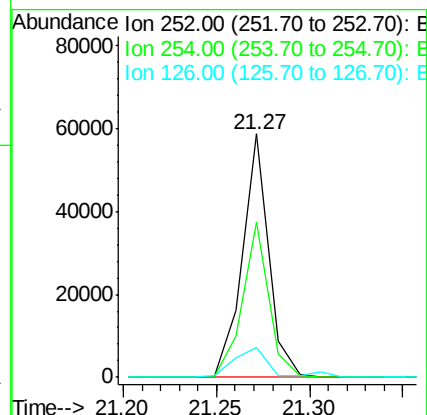
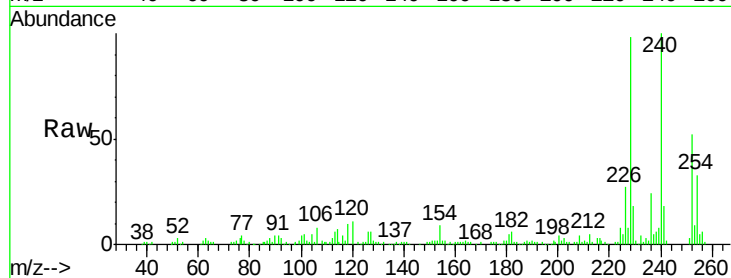




#81
 3,3'-Dichlorobenzidine
 Concen: 23.23 ng
 RT: 21.27 min Scan# 1766
 Delta R.T. -0.00 min
 Lab File: BF076936.D
 Acq: 19 Jan 2015 18:50

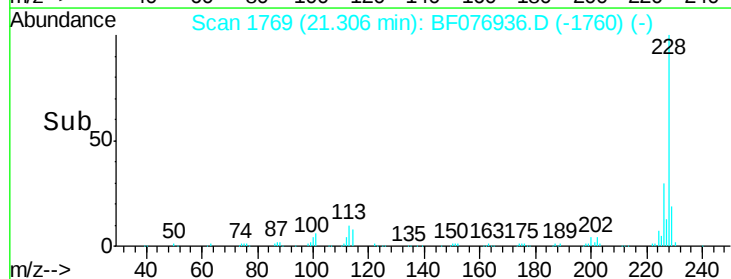
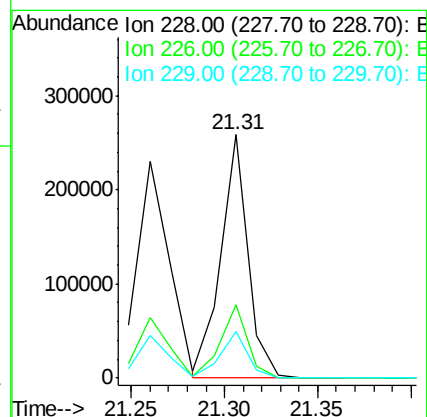
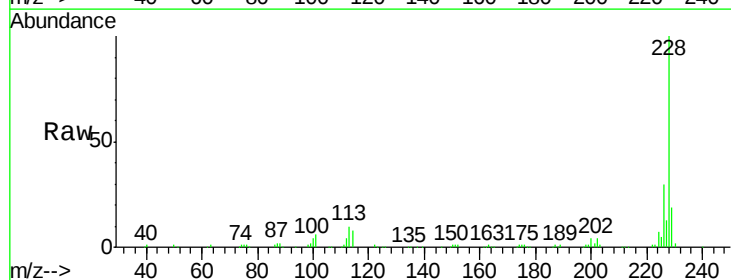
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 57739
 Ion Ratio Lower Upper
 252 100
 254 63.8 50.2 75.4
 126 12.5 11.5 17.3



#82
 Chrysene
 Concen: 36.77 ng
 RT: 21.31 min Scan# 1769
 Delta R.T. -0.00 min
 Lab File: BF076936.D
 Acq: 19 Jan 2015 18:50

Tgt Ion:228 Resp: 262321
 Ion Ratio Lower Upper
 228 100
 226 30.0 23.4 35.0
 229 19.3 15.4 23.0

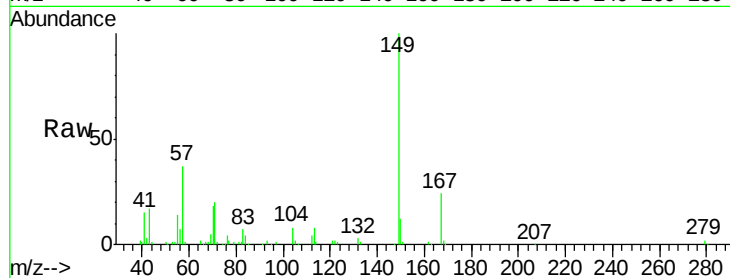




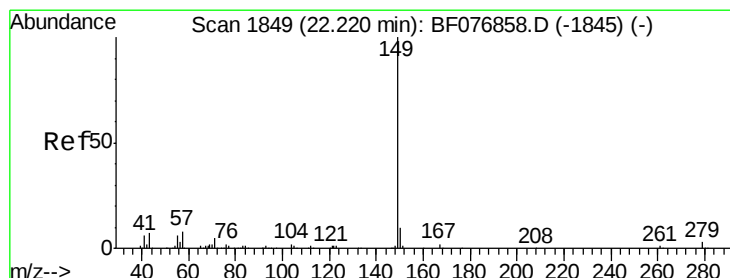
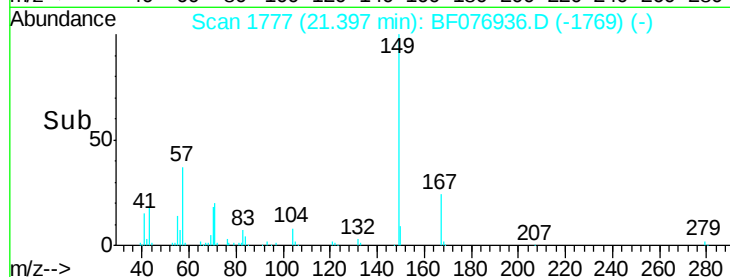
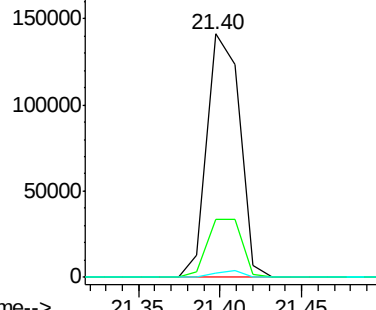
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.49 ng
 RT: 21.40 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BF076936.D
 Acq: 19 Jan 2015 18:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 195354
 Ion Ratio Lower Upper
 149 100
 167 23.9 20.6 30.8
 279 1.7 2.2 3.2#

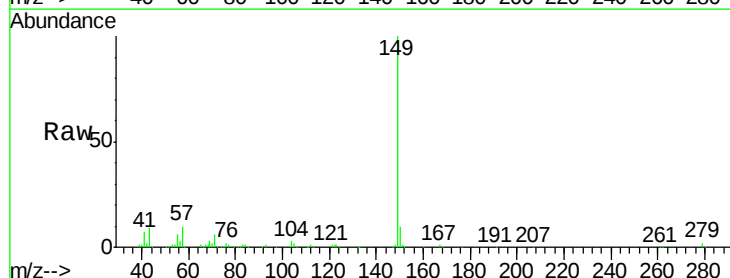


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

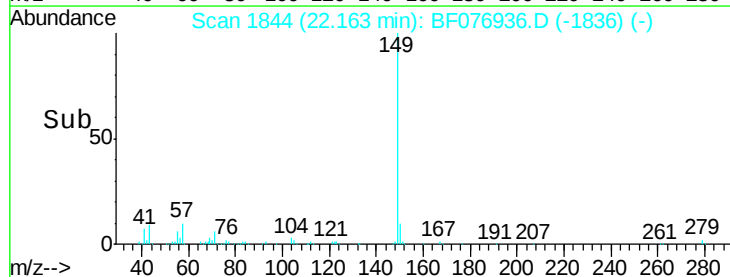
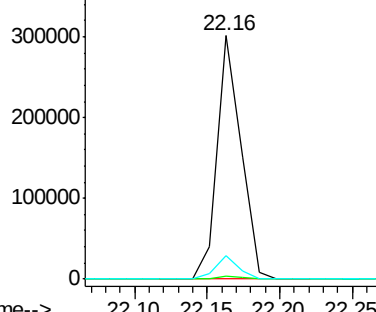


#84
 Di-n-octyl phthalate
 Concen: 37.28 ng
 RT: 22.16 min Scan# 1844
 Delta R.T. -0.01 min
 Lab File: BF076936.D
 Acq: 19 Jan 2015 18:50

Tgt Ion:149 Resp: 346452
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.1 1.7
 43 9.0 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

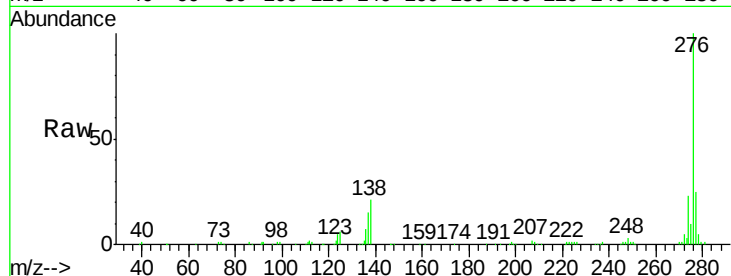




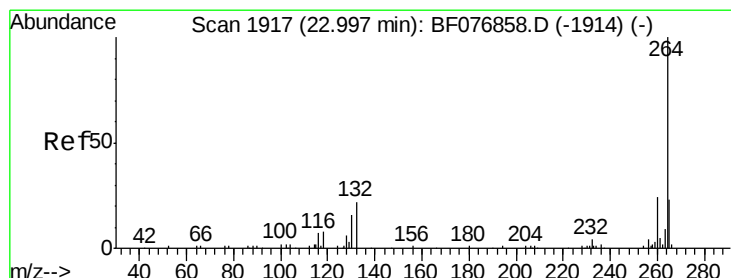
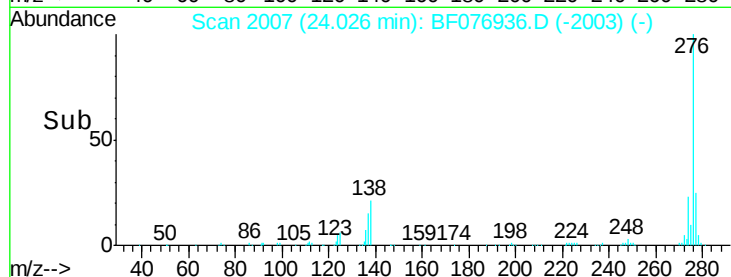
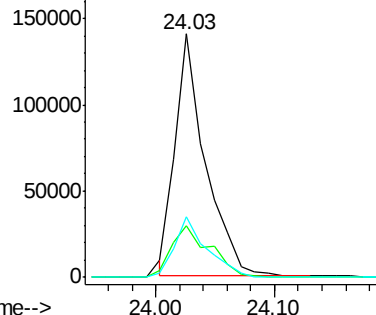
#85
Indeno(1,2,3-cd)pyrene
Concen: 32.77 ng
RT: 24.03 min Scan# 2007
Delta R.T. -0.06 min
Lab File: BF076936.D
Acq: 19 Jan 2015 18:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:276 Resp: 247746
Ion Ratio Lower Upper
276 100
138 27.2 14.6 22.0#
277 26.2 14.8 22.2#

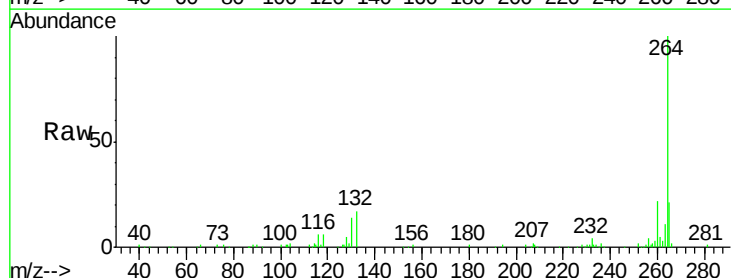


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

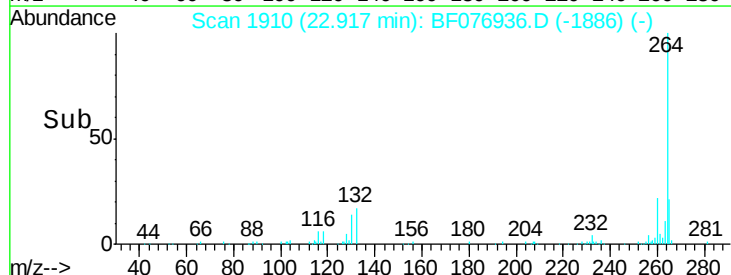
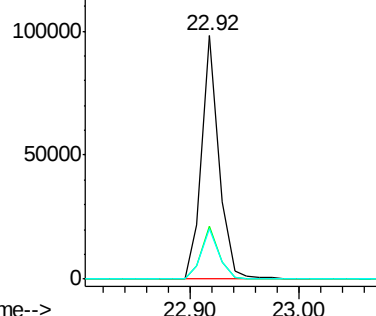


#86
Perylene-d12
Concen: 20.00 ng
RT: 22.92 min Scan# 1910
Delta R.T. -0.02 min
Lab File: BF076936.D
Acq: 19 Jan 2015 18:50

Tgt Ion:264 Resp: 108198
Ion Ratio Lower Upper
264 100
260 21.5 19.0 28.4
265 20.8 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: 40.37 ng

RT: 22.51 min Scan# 1874

Delta R.T. -0.01 min

Lab File: BF076936.D

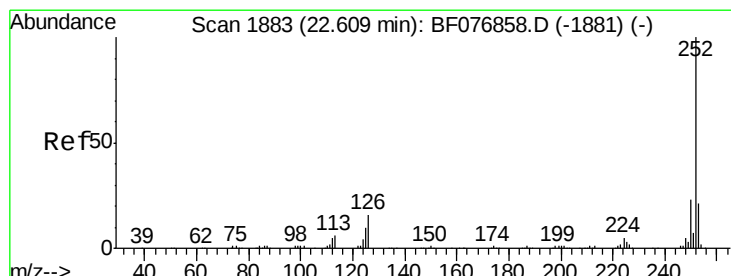
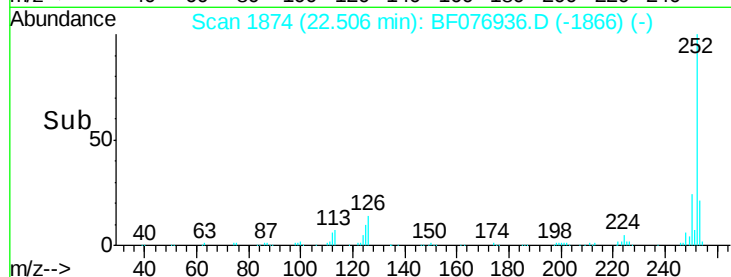
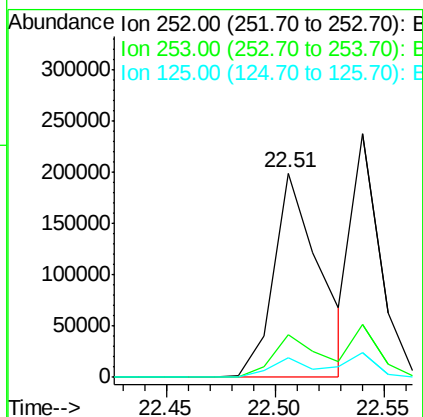
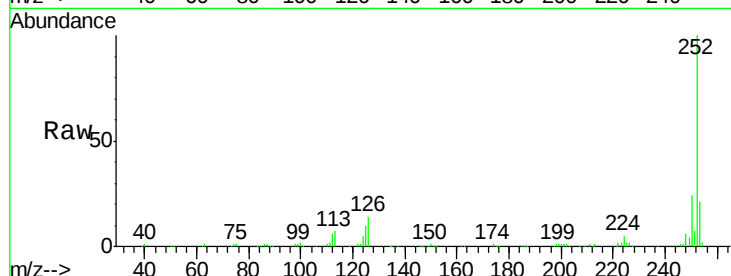
Acq: 19 Jan 2015 18:50

Instrument :

BNA_F

ClientSampleId :

Tot Ion:252	Resp:	294183
Ion Ratio	Lower	Upper
252	100	
253	21.0	17.5 26.3
125	9.7	9.4 14.0



#88

Benzo(k)fluoranthene

Concen: 46.21 ng

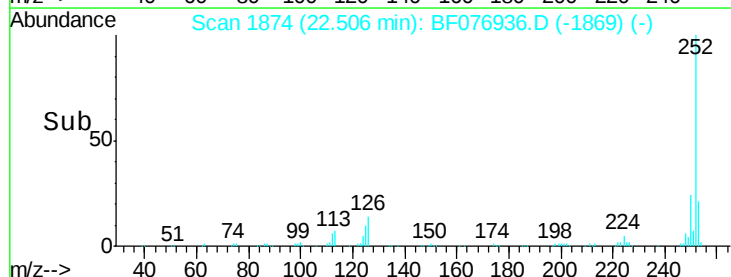
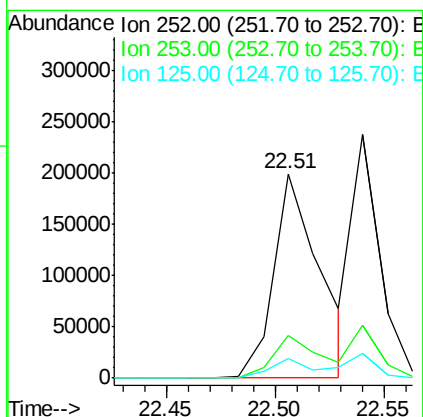
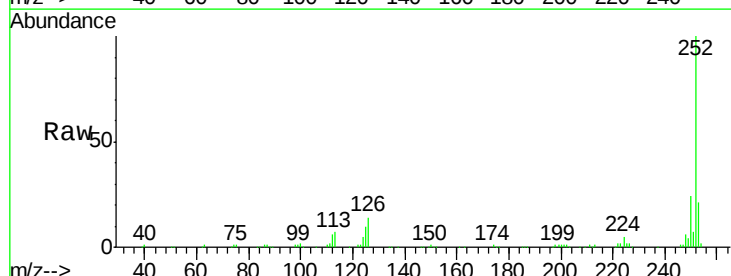
RT: 22.51 min Scan# 1874

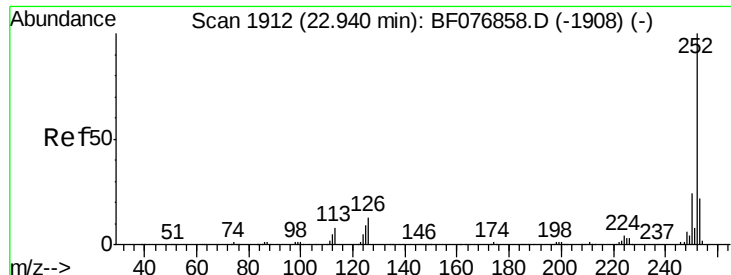
Delta R.T. -0.05 min

Lab File: BF076936.D

Acq: 19 Jan 2015 18:50

Tgt Ion:252	Resp:	294183
Ion Ratio	Lower	Upper
252	100	
253	21.0	17.2 25.8
125	9.7	7.1 10.7

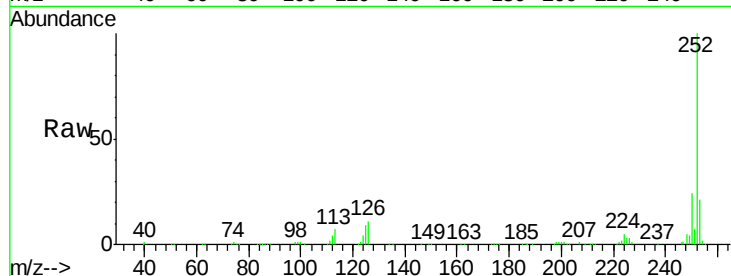




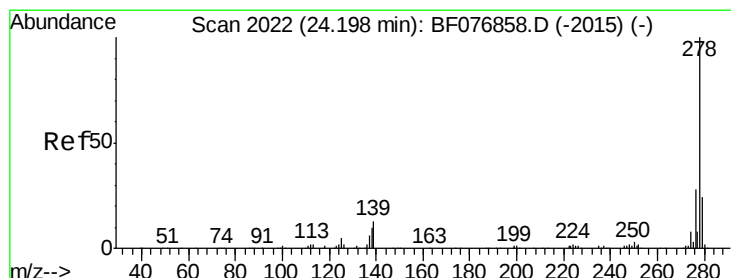
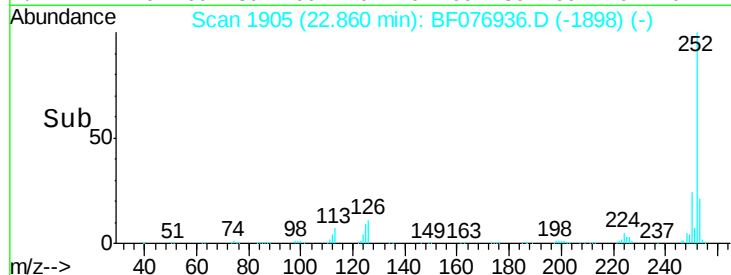
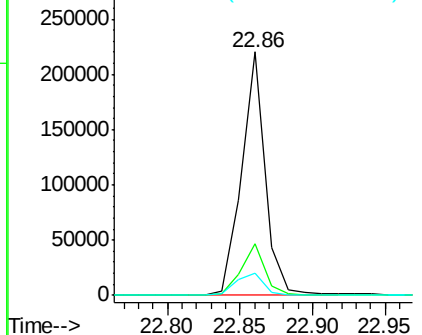
#89
Benzo(a)pyrene
Concen: 39.04 ng
RT: 22.86 min Scan# 1905
Delta R.T. -0.02 min
Lab File: BF076936.D
Acq: 19 Jan 2015 18:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.9	26.9
125	9.3	7.2	10.8

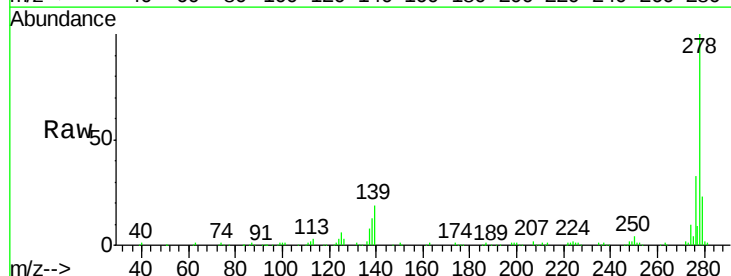


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

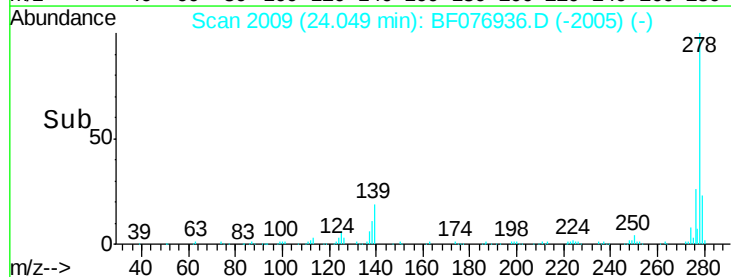
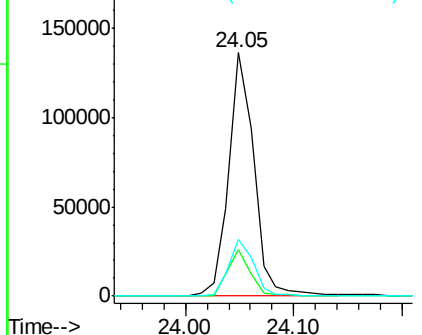


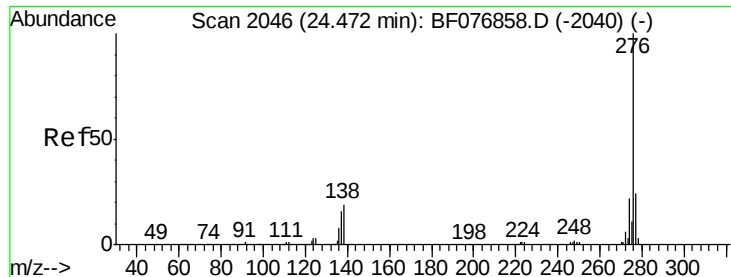
#90
Dibenzo(a,h)anthracene
Concen: 36.68 ng
RT: 24.05 min Scan# 2009
Delta R.T. -0.06 min
Lab File: BF076936.D
Acq: 19 Jan 2015 18:50

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.2	10.5	15.7#
279	23.4	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

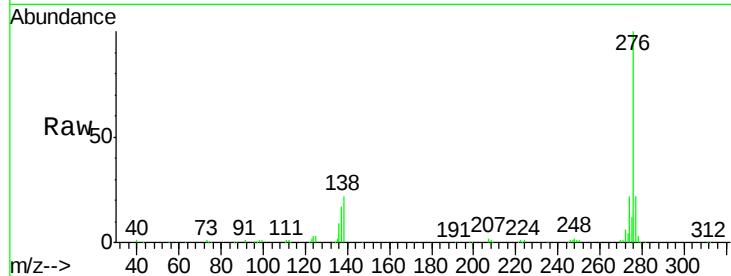




#91
 Benzo(a,h,i)perylene
 Concen: 37.07 ng
 RT: 24.32 min Scan# 2033
 Delta R.T. -0.06 min
 Lab File: BF076936.D
 Acq: 19 Jan 2015 18:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.4	19.5	29.3
138	21.6	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

