

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031015\
 Data File : BF077660.D
 Acq On : 10 Mar 2015 14:49
 Operator : TP/IZ
 Sample : PB81894BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81894BSD

Quant Time: Mar 11 00:11:30 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 11 00:54:19 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.18	152	60185	20.00	ng	0.00
21) Naphthalene-d8	8.76	136	236972	20.00	ng	0.00
38) Acenaphthene-d10	10.93	164	118455	20.00	ng	0.00
63) Phenanthrene-d10	12.77	188	229471	20.00	ng	0.00
75) Chrysene-d12	16.05	240	230070	20.00	ng	-0.03
86) Perylene-d12	17.79	264	220378	20.00	ng	-0.11

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	282914	78.48	ng	0.00
7) Phenol-d6	6.75	99	363419	78.40	ng	0.00
23) Nitrobenzene-d5	7.88	82	273597	71.80	ng	0.00
41) 2,4,6-Tribromophenol	11.91	330	92911	81.46	ng	0.00
44) 2-Fluorobiphenyl	10.11	172	598600	78.80	ng	0.00
78) Terphenyl-d14	14.76	244	639849	65.02	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.11	88	50722	33.16	ng	97
3) Pyridine	2.83	79	129098	29.50	ng	97
4) n-Nitrosodimethylamine	2.73	42	71943	37.81	ng	92
6) Aniline	6.77	93	115658	18.05	ng	# 51
8) 2-Chlorophenol	6.92	128	166247	39.09	ng	96
9) Benzaldehyde	6.63	77	20243	7.19	ng	90
10) Phenol	6.77	94	196938	35.81	ng	77
11) bis(2-Chloroethyl)ether	6.88	93	156980	39.72	ng	95
12) 1,3-Dichlorobenzene	7.11	146	173996	37.57	ng	98
13) 1,4-Dichlorobenzene	7.21	146	177455	37.67	ng	99
14) 1,2-Dichlorobenzene	7.39	146	168778	37.66	ng	99
15) Benzyl Alcohol	7.37	79	134911	38.29	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.55	45	214142	37.91	ng	97
17) 2-Methylphenol	7.52	107	135344	40.72	ng	98
18) Hexachloroethane	7.81	117	59939	38.09	ng	# 78
19) n-Nitroso-di-n-propylamine	7.70	70	109943	37.35	ng	98
20) 3+4-Methylphenols	7.71	107	172169	39.32	ng	# 75
22) Acetophenone	7.69	105	226049	40.55	ng	# 82
24) Nitrobenzene	7.90	77	164372	41.00	ng	100
25) Isophorone	8.20	82	307657	40.69	ng	97
26) 2-Nitrophenol	8.29	139	84346	51.33	ng	100
27) 2,4-Dimethylphenol	8.36	122	156858	42.66	ng	99
28) bis(2-Chloroethoxy)methane	8.48	93	191029	40.00	ng	98
29) 2,4-Dichlorophenol	8.59	162	141878	41.11	ng	91
30) 1,2,4-Trichlorobenzene	8.69	180	149368	39.37	ng	99
31) Naphthalene	8.79	128	472847	39.90	ng	99
32) Benzoic acid	8.46	122	85543	47.88	ng	100
33) 4-Chloroaniline	8.86	127	91717	17.41	ng	97
34) Hexachlorobutadiene	8.94	225	81284	37.52	ng	100
35) Caprolactam	9.29	113	43699	41.48	ng	95
36) 4-Chloro-3-methylphenol	9.47	107	147049	42.38	ng	95
37) 2-Methylnaphthalene	9.65	142	327010	38.86	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.85	216	139469	41.03	ng	# 98
40) Hexachlorocyclopentadiene	9.84	237	144523	79.30	ng	96

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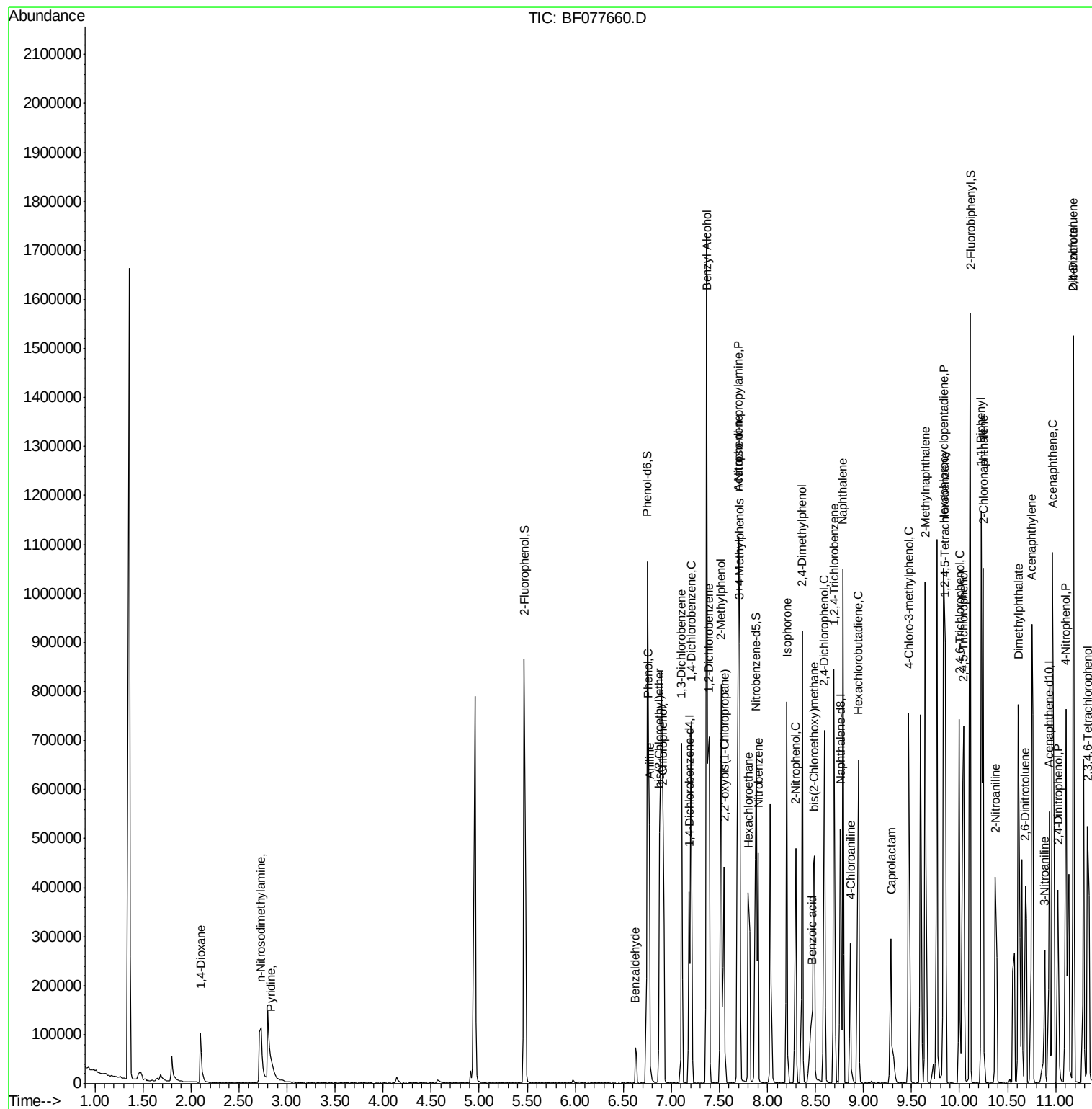
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.00	196	101100	44.92	ng	99
43) 2,4,5-Trichlorophenol	10.04	196	110804	46.04	ng	# 90
45) 1,1'-Biphenyl	10.23	154	385440	42.95	ng	97
46) 2-Chloronaphthalene	10.25	162	319812	45.44	ng	97
47) 2-Nitroaniline	10.38	65	83951	48.46	ng	98
48) Acenaphthylene	10.76	152	503984	45.23	ng	98
49) Dimethylphthalate	10.62	163	358484	43.05	ng	99
50) 2,6-Dinitrotoluene	10.69	165	82060	49.14	ng	99
51) Acenaphthene	10.97	154	283525	42.64	ng	100
52) 3-Nitroaniline	10.89	138	48227	25.05	ng	92
53) 2,4-Dinitrophenol	11.02	184	60394	118.86	ng	# 86
54) Dibenzofuran	11.19	168	445449	43.39	ng	98
55) 4-Nitrophenol	11.11	139	133436	86.17	ng	# 63
56) 2,4-Dinitrotoluene	11.18	165	111518	49.42	ng	# 84
57) Fluorene	11.61	166	359915	43.85	ng	98
58) 2,3,4,6-Tetrachlorophenol	11.34	232	88406	45.69	ng	96
59) Diethylphthalate	11.49	149	363936	44.33	ng	99
60) 4-Chlorophenyl-phenylether	11.62	204	169253	42.80	ng	91
61) 4-Nitroaniline	11.64	138	84746	45.93	ng	92
62) Azobenzene	11.82	77	341951	43.91	ng	97
64) 4,6-Dinitro-2-methylphenol	11.68	198	41971	46.01	ng	99
65) n-Nitrosodiphenylamine	11.77	169	328133	43.10	ng	99
66) 4-Bromophenyl-phenylether	12.23	248	105159	39.13	ng	97
67) Hexachlorobenzene	12.28	284	111833	38.77	ng	97
68) Atrazine	12.44	200	102011	41.21	ng	97
69) Pentachlorophenol	12.54	266	127957	84.41	ng	98
70) Phenanthrene	12.80	178	533652	40.12	ng	99
71) Anthracene	12.86	178	561881	42.57	ng	98
72) Carbazole	13.07	167	549041	43.75	ng	99
73) Di-n-butylphthalate	13.52	149	546155	37.06	ng	# 97
74) Fluoranthene	14.27	202	543793	37.43	ng	98
76) Benzidine	14.46	184	204535	26.31	ng	98
77) Pyrene	14.55	202	554195	39.38	ng	99
79) Butylbenzylphthalate	15.38	149	240178	41.48	ng	# 84
80) Benzo(a)anthracene	16.04	228	554217	41.10	ng	99
81) 3,3'-Dichlorobenzidine	16.02	252	123054	24.91	ng	# 97
82) Chrysene	16.09	228	527779	41.68	ng	98
83) Bis(2-ethylhexyl)phthalate	16.11	149	348035	37.48	ng	99
84) Di-n-octyl phthalate	16.90	149	608386	39.25	ng	96
87) Benzo(b)fluoranthene	17.35	252	520220	40.59	ng	# 97
88) Benzo(k)fluoranthene	17.35	252	520220	41.42	ng	98
89) Benzo(a)pyrene	17.73	252	522208	42.79	ng	97
90) Dibenzo(a,h)anthracene	19.23	278	498009	42.78	ng	98
91) Benzo(g,h,i)perylene	19.61	276	507861	43.23	ng	99

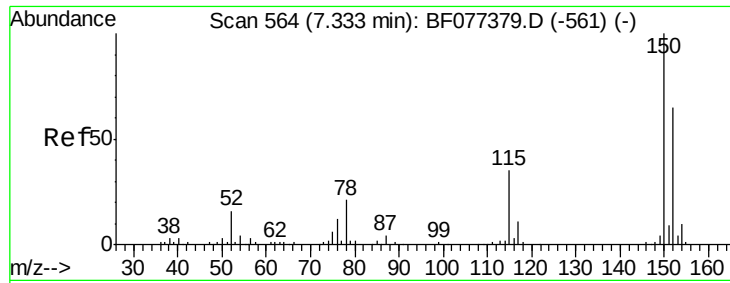
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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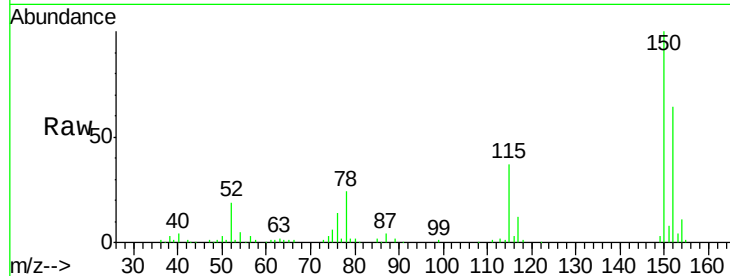


#1

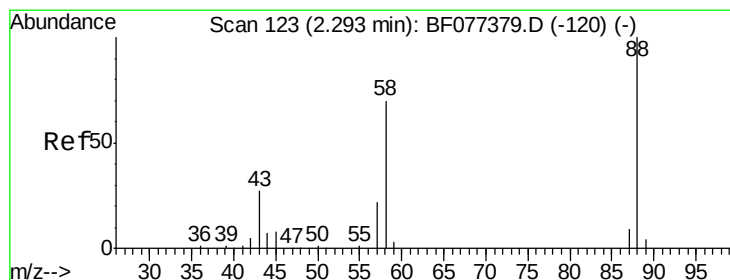
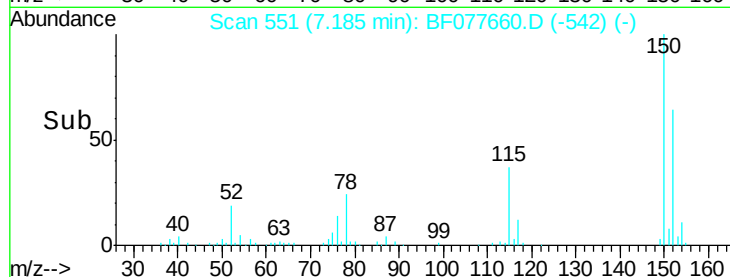
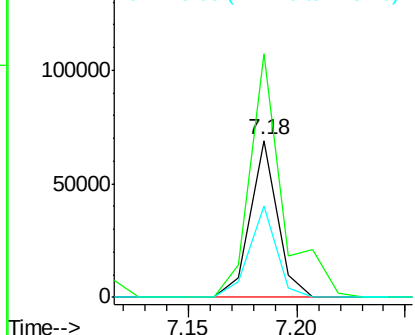
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.18 min Scan# 551
Delta R.T. -0.00 min
Lab File: BF077660.D
Acq: 10 Mar 2015 14:49

Instrument :
BNA_F
ClientSampleId :
PB81894BSD

Tgt Ion:152 Resp: 60185
Ion Ratio Lower Upper
152 100
150 155.5 124.0 186.0
115 58.2 49.4 74.2



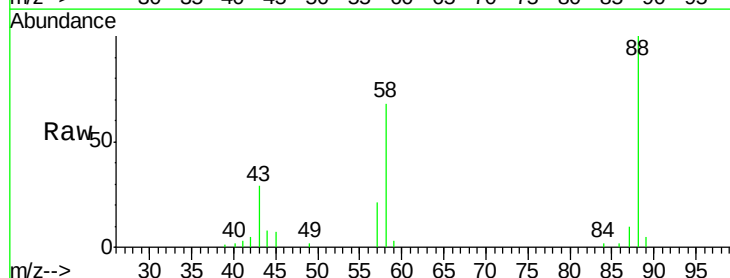
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



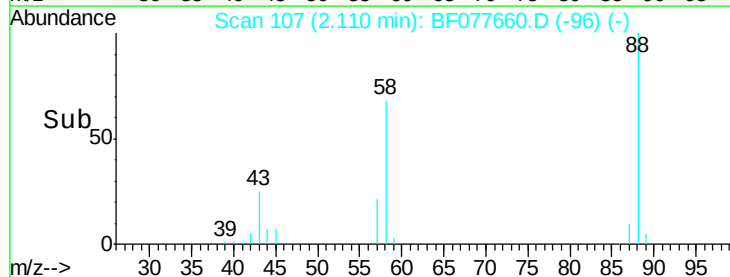
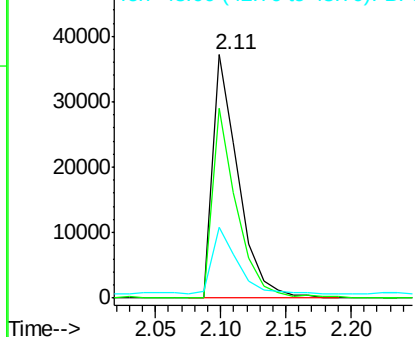
#2

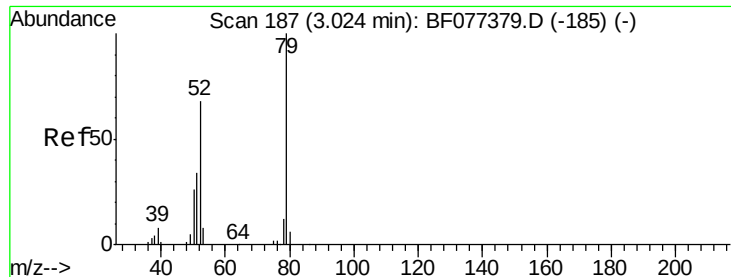
1,4-Dioxane
Concen: 33.16 ng
RT: 2.11 min Scan# 107
Delta R.T. 0.03 min
Lab File: BF077660.D
Acq: 10 Mar 2015 14:49

Tgt Ion: 88 Resp: 50722
Ion Ratio Lower Upper
88 100
58 75.0 62.1 93.1
43 27.9 24.0 36.0



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





#3

Pyridine

Concen: 29.50 ng

RT: 2.83 min Scan# 170

Delta R.T. 0.02 min

Lab File: BF077660.D

Acq: 10 Mar 2015 14:49

Instrument :

BNA_F

ClientSampleId :

PB81894BSD

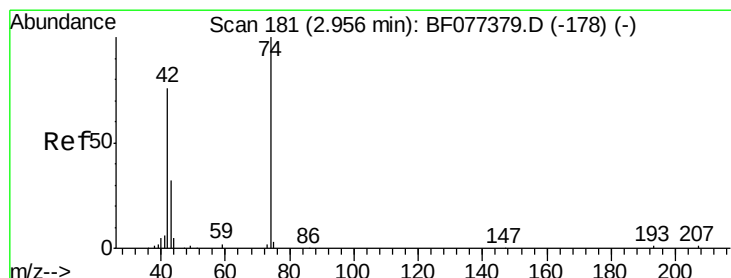
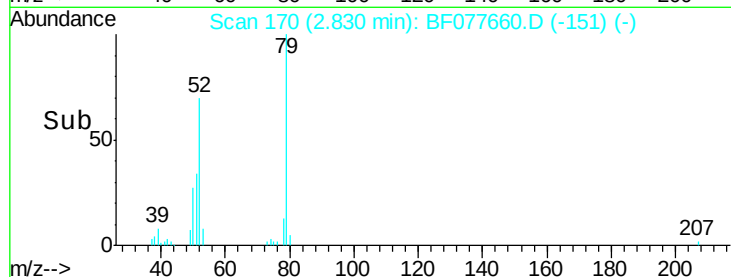
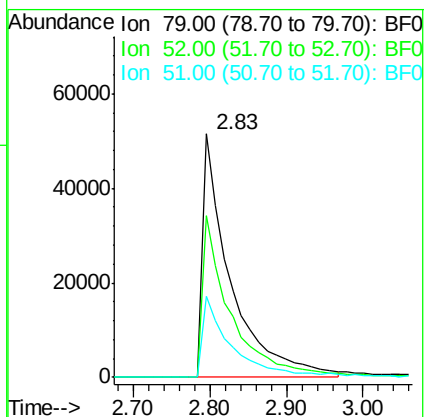
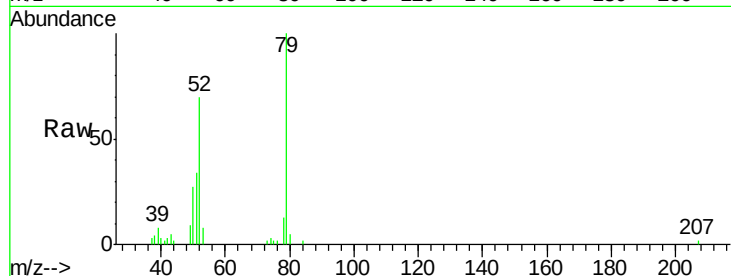
Tgt Ion: 79 Resp: 129098

Ion Ratio Lower Upper

79 100

52 69.6 57.7 86.5

51 33.9 28.5 42.7



#4

n-Nitrosodimethylamine

Concen: 37.81 ng

RT: 2.73 min Scan# 162

Delta R.T. 0.03 min

Lab File: BF077660.D

Acq: 10 Mar 2015 14:49

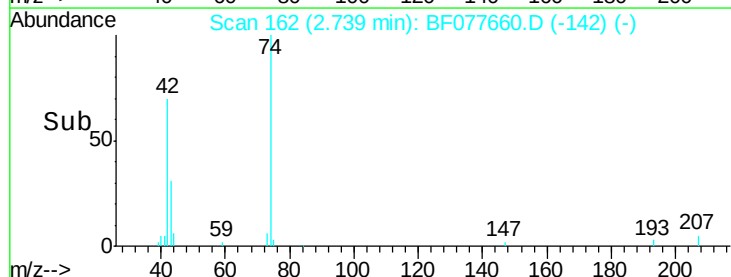
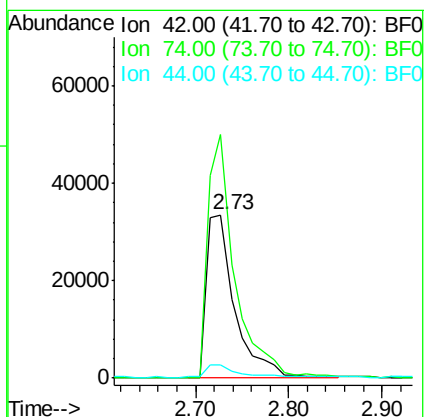
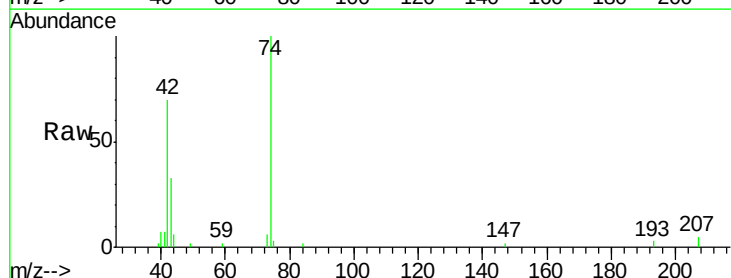
Tgt Ion: 42 Resp: 71943

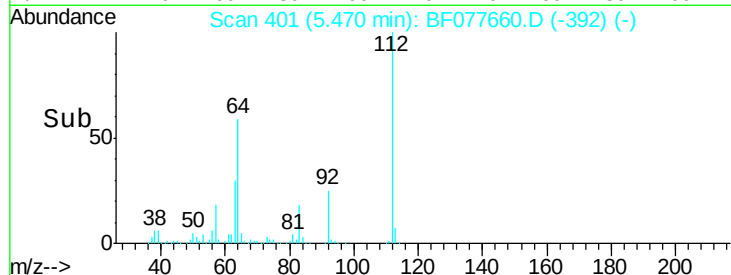
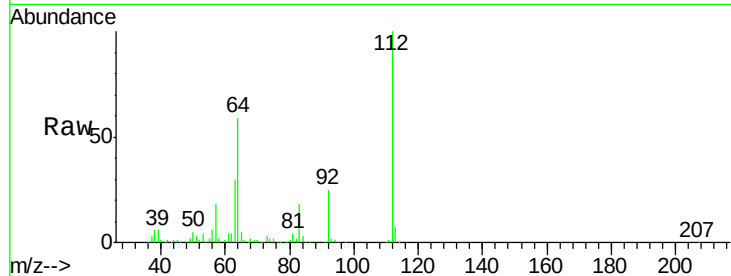
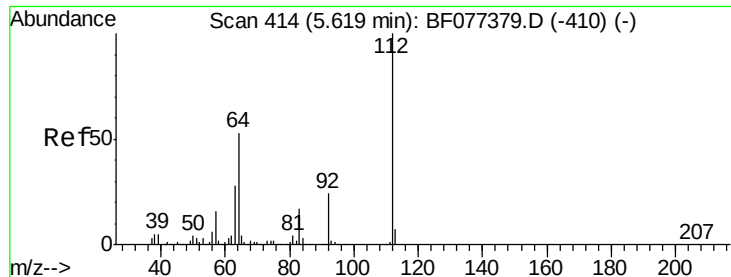
Ion Ratio Lower Upper

42 100

74 143.5 107.1 160.7

44 8.5 6.7 10.1

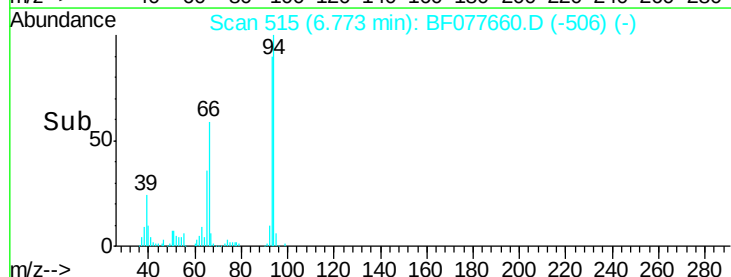
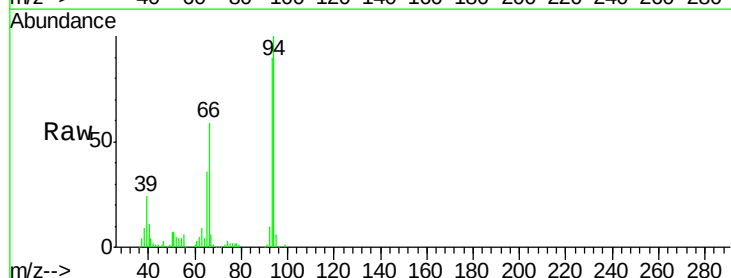
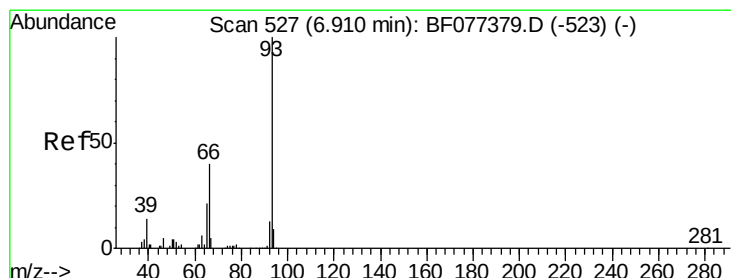
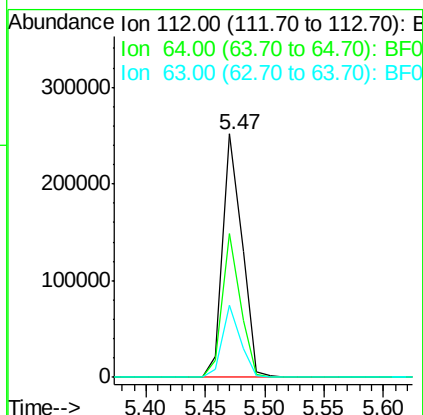




#5
2-Fluorophenol
Concen: 78.48 ng
RT: 5.47 min Scan# 401
Delta R.T. 0.00 min
Lab File: BF077660.D
Acq: 10 Mar 2015 14:49

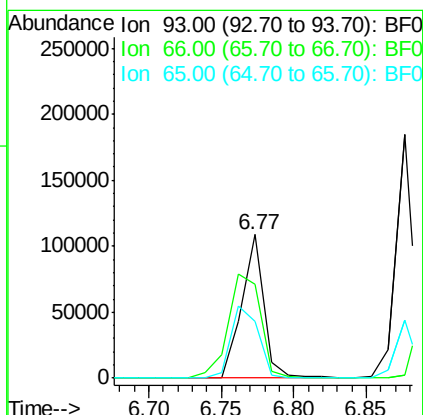
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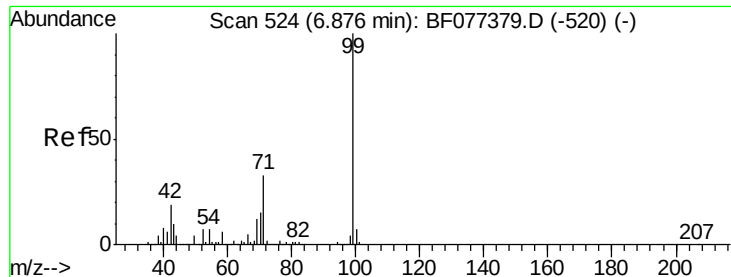
Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.3	48.5	72.7
63	29.7	25.0	37.4



#6
Aniline
Concen: 18.05 ng
RT: 6.77 min Scan# 515
Delta R.T. 0.00 min
Lab File: BF077660.D
Acq: 10 Mar 2015 14:49

Tgt Ion	Ratio	Lower	Upper
93	100		
66	65.4	29.1	43.7#
65	39.7	14.6	22.0#





#7

Phenol-d6

Concen: 78.40 ng

RT: 6.75 min Scan# 513

Delta R.T. -0.00 min

Lab File: BF077660.D

Acq: 10 Mar 2015 14:49

Instrument :

BNA_F

ClientSampleId :

PB81894BSD

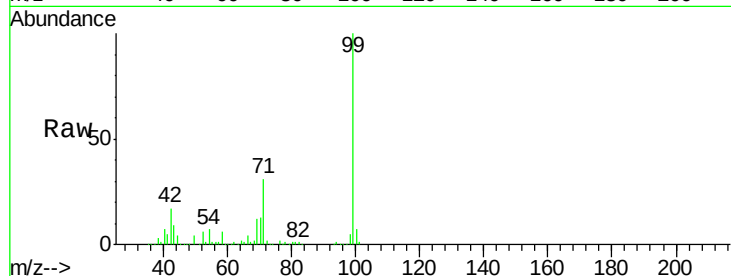
Tgt Ion: 99 Resp: 363419

Ion Ratio Lower Upper

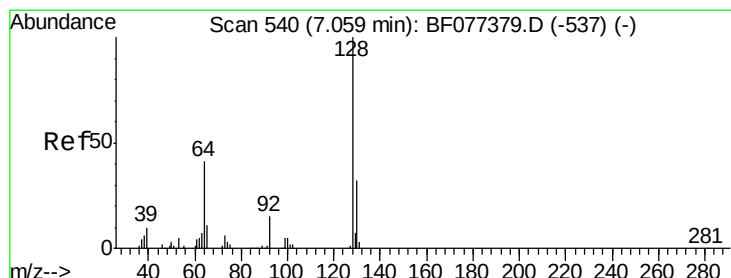
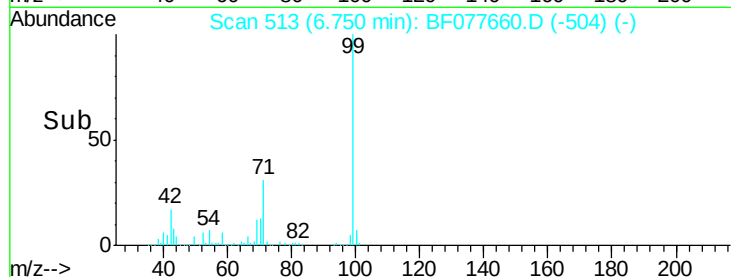
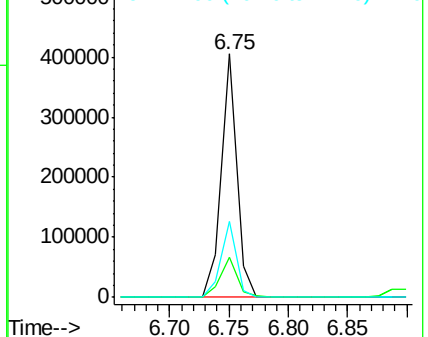
99 100

42 16.6 16.2 24.4

71 31.4 26.7 40.1



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: 39.09 ng

RT: 6.92 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF077660.D

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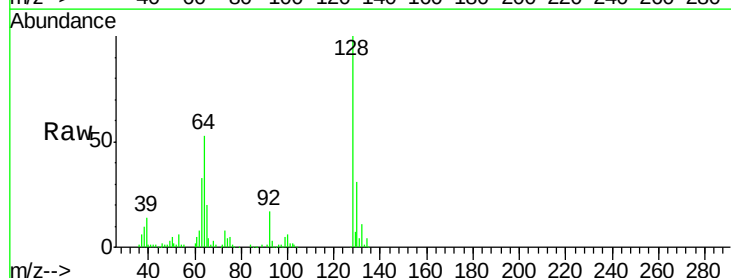
Tgt Ion: 128 Resp: 166247

Ion Ratio Lower Upper

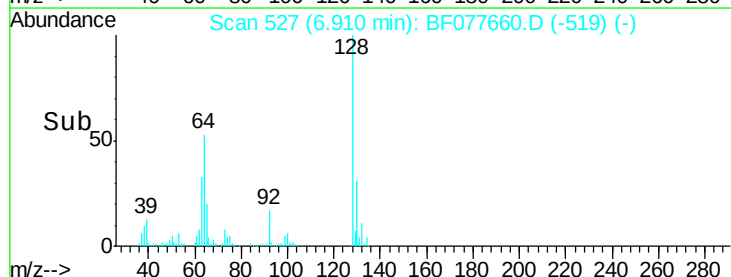
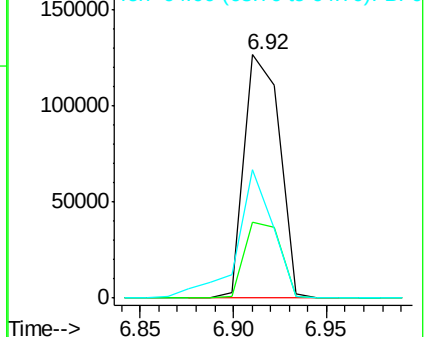
128 100

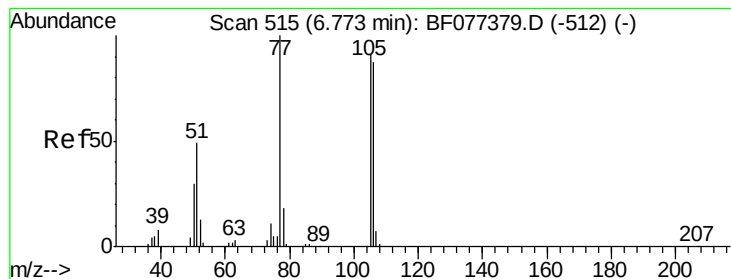
130 31.1 12.0 52.0

64 52.7 29.2 69.2



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: 7.19 ng

RT: 6.63 min Scan# 502

Delta R.T. -0.00 min

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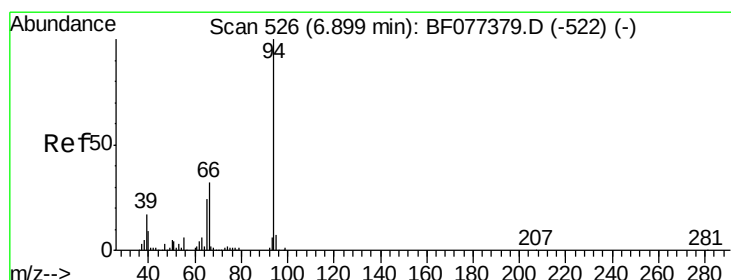
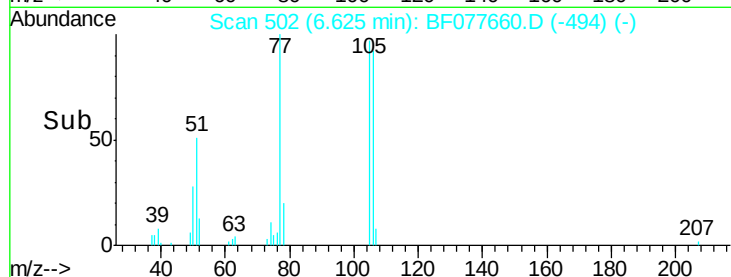
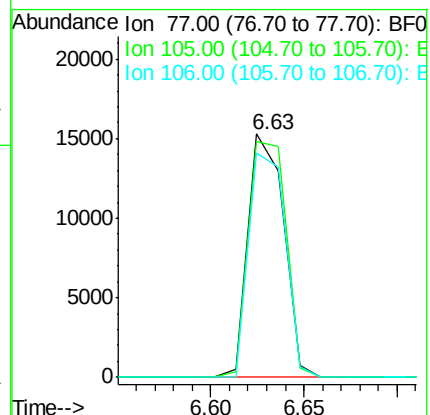
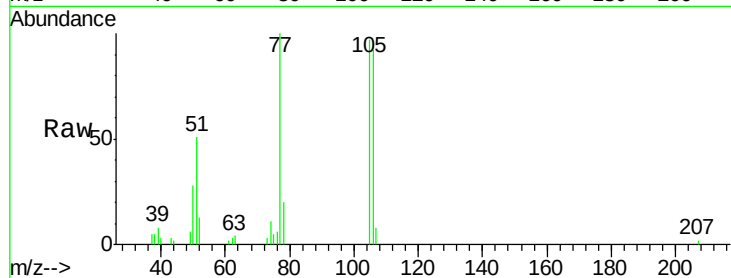
Tgt Ion: 77 Resp: 20243

Ion Ratio Lower Upper

77 100

105 96.8 85.9 125.9

106 92.2 82.9 122.9



#10

Phenol

Concen: 35.81 ng

RT: 6.77 min Scan# 514

Delta R.T. -0.00 min

Lab File: BF077660.D

Acq: 10 Mar 2015 14:49

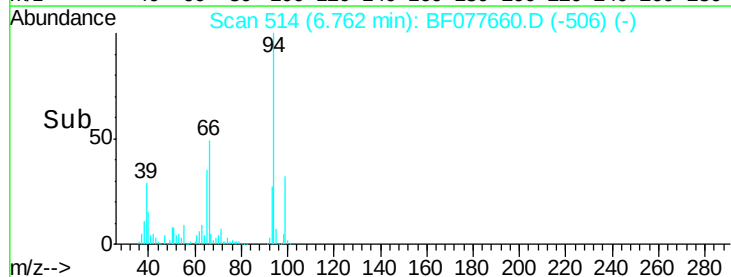
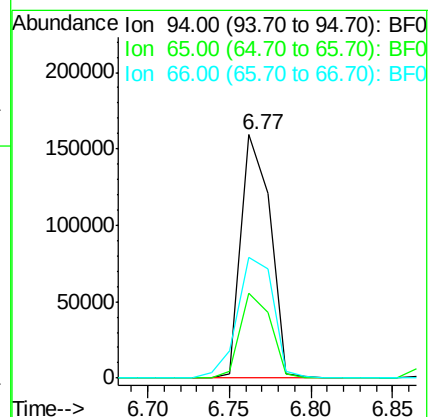
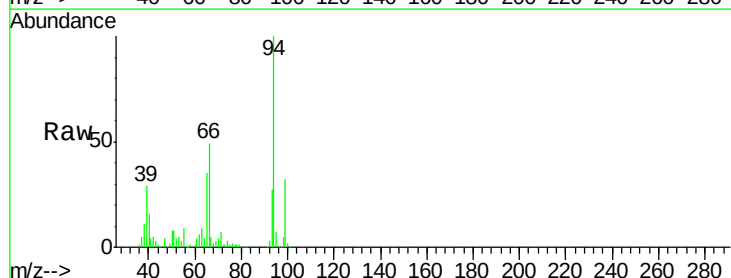
Tgt Ion: 94 Resp: 196938

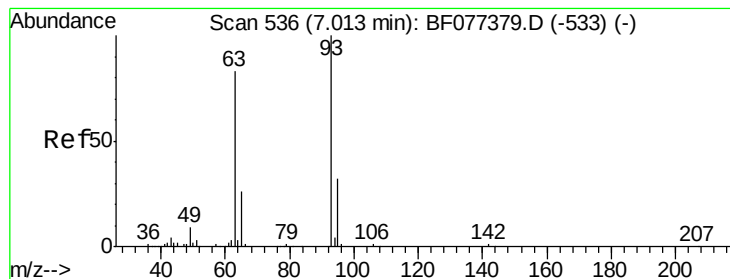
Ion Ratio Lower Upper

94 100

65 34.6 5.7 45.7

66 49.5 13.6 53.6





#11

bis(2-Chloroethyl)ether

Concen: 39.72 ng

RT: 6.88 min Scan# 524

Delta R.T. -0.00 min

Lab File: BF077660.D

Acq: 10 Mar 2015 14:49

Instrument :

BNA_F

ClientSampleId :

PB81894BSD

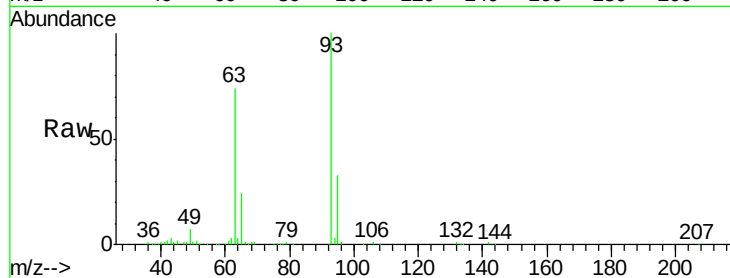
Tgt Ion: 93 Resp: 156980

Ion Ratio Lower Upper

93 100

63 74.0 48.7 88.7

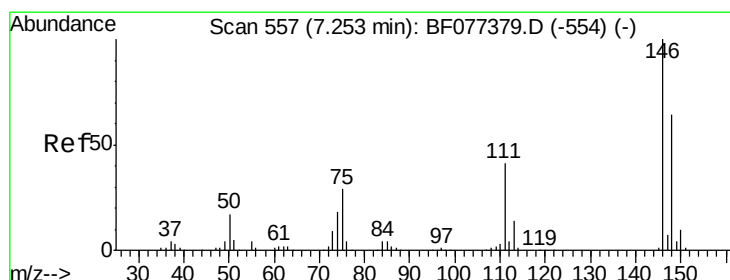
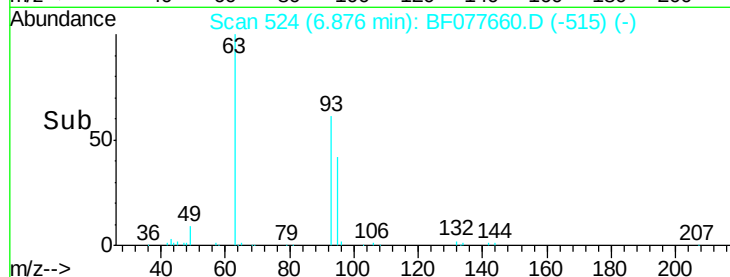
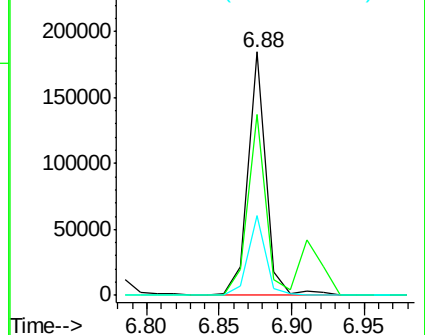
95 32.7 13.6 53.6



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: 37.57 ng

RT: 7.11 min Scan# 544

Delta R.T. -0.00 min

Lab File: BF077660.D

Acq: 10 Mar 2015 14:49

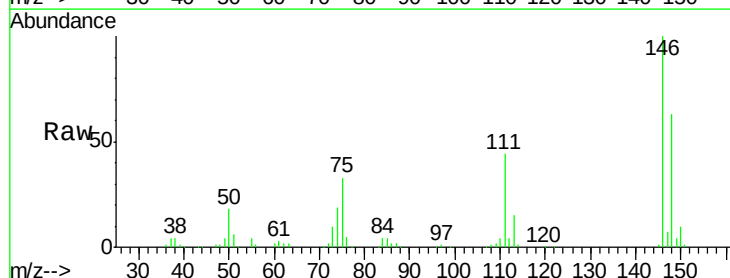
Tgt Ion: 146 Resp: 173996

Ion Ratio Lower Upper

146 100

148 63.2 49.8 74.8

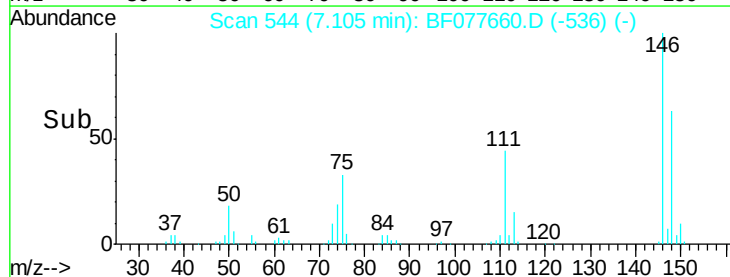
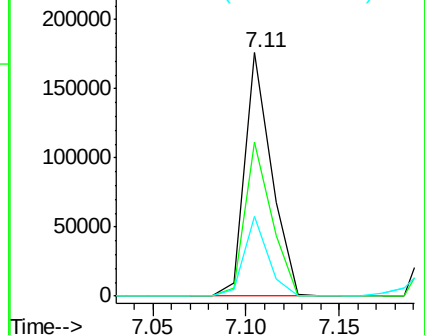
75 32.9 28.2 42.4

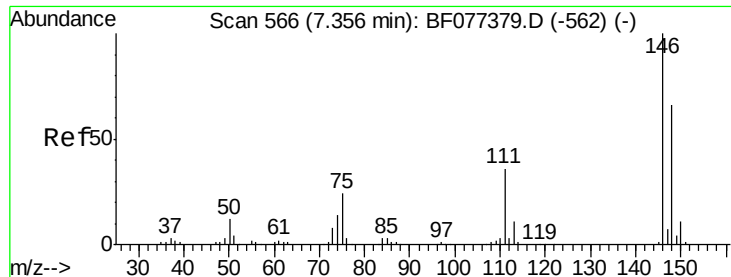


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

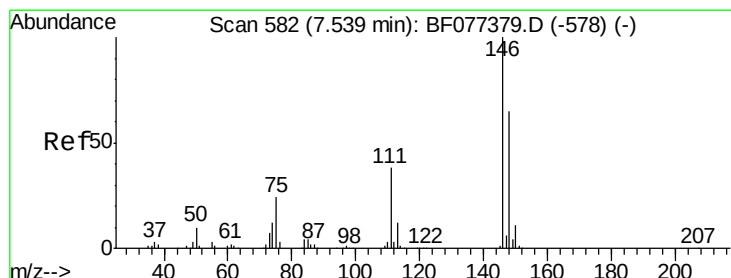
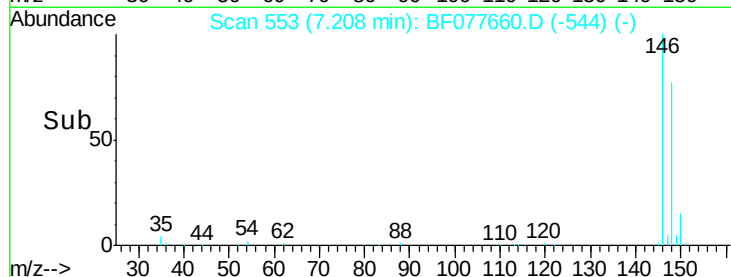
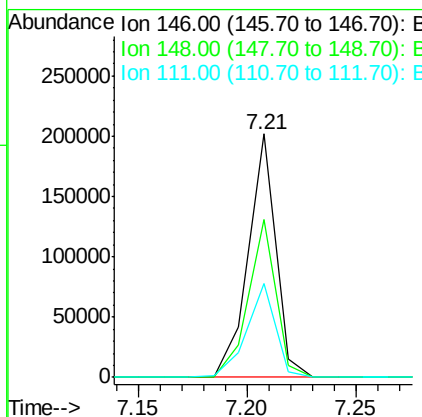
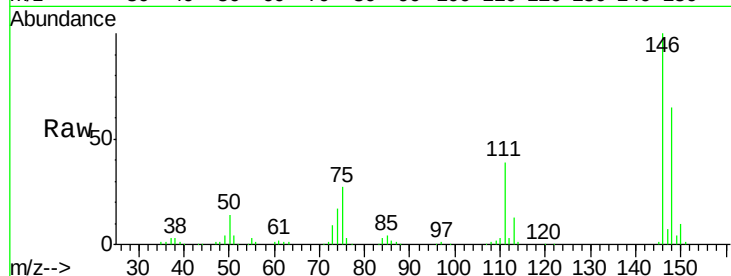




#13
 1,4-Dichlorobenzene
 Concen: 37.67 ng
 RT: 7.21 min Scan# 553
 Delta R.T. -0.00 min
 Lab File: BF077660.D
 Acq: 10 Mar 2015 14:49

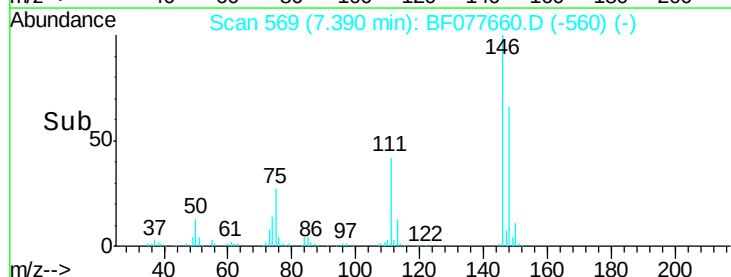
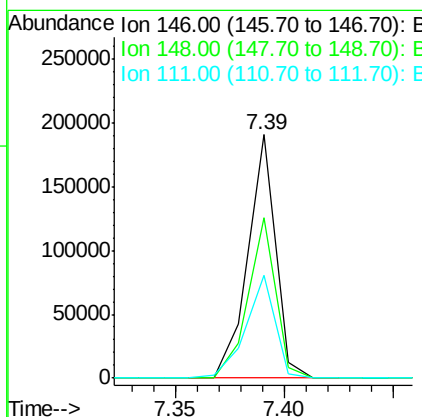
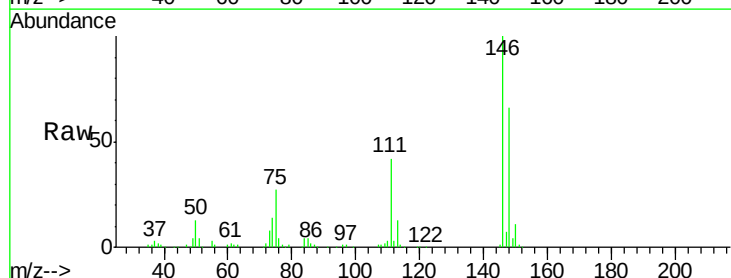
Instrument :
 BNA_F
 ClientSampleId :
 PB81894BSD

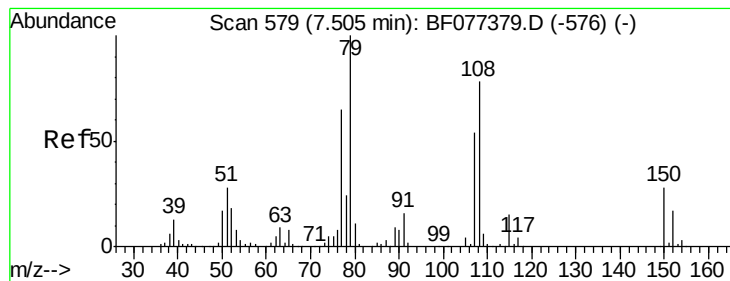
Tgt Ion:146 Resp: 177455
 Ion Ratio Lower Upper
 146 100
 148 65.1 52.0 78.0
 111 38.5 31.9 47.9



#14
 1,2-Dichlorobenzene
 Concen: 37.66 ng
 RT: 7.39 min Scan# 569
 Delta R.T. -0.00 min
 Lab File: BF077660.D
 Acq: 10 Mar 2015 14:49

Tgt Ion:146 Resp: 168778
 Ion Ratio Lower Upper
 146 100
 148 65.8 51.6 77.4
 111 42.3 34.2 51.2





#15

Benzyl Alcohol

Concen: 38.29 ng

RT: 7.37 min Scan# 567

Delta R.T. -0.00 min

Lab File: BF077660.D

Acq: 10 Mar 2015 14:49

Instrument :

BNA_F

ClientSampleId :

PB81894BSD

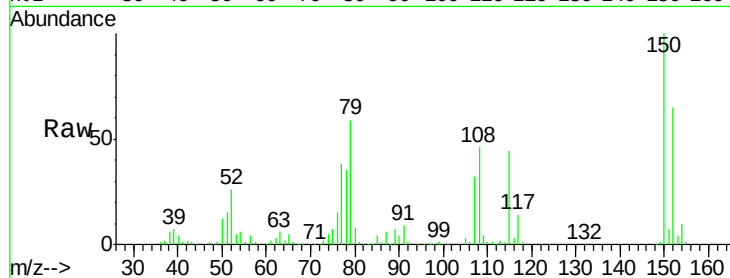
Tgt Ion: 79 Resp: 134911

Ion Ratio Lower Upper

79 100

108 78.0 58.3 87.5

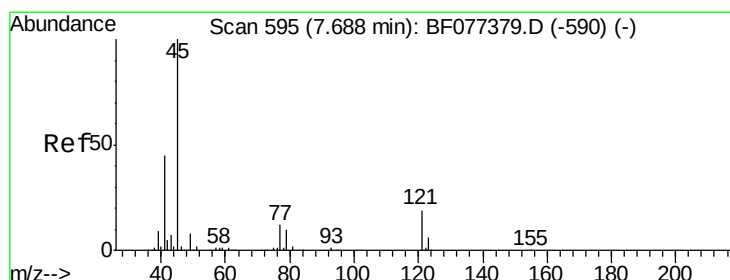
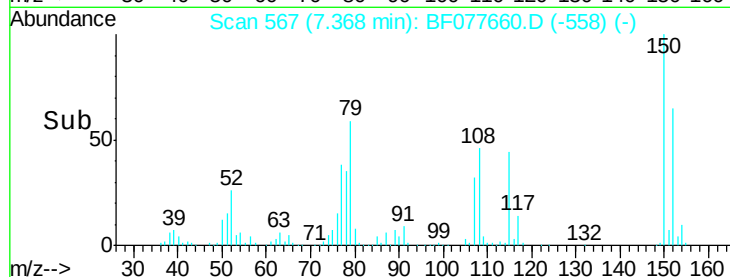
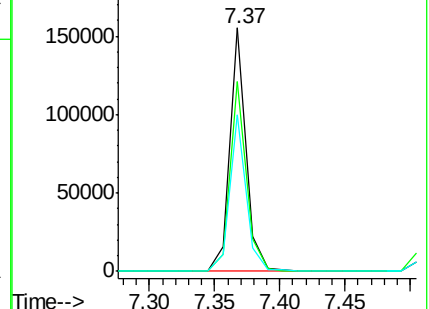
77 64.3 51.3 76.9



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: 37.91 ng

RT: 7.55 min Scan# 583

Delta R.T. -0.00 min

Lab File: BF077660.D

Acq: 10 Mar 2015 14:49

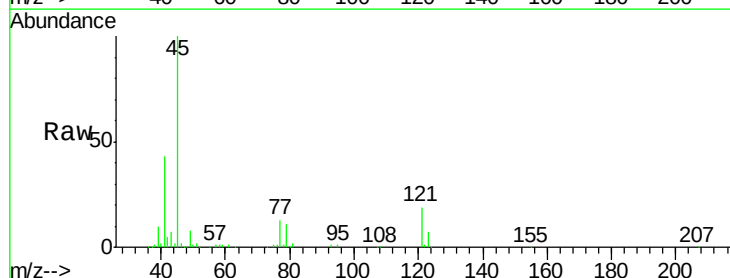
Tgt Ion: 45 Resp: 214142

Ion Ratio Lower Upper

45 100

77 13.4 0.0 34.6

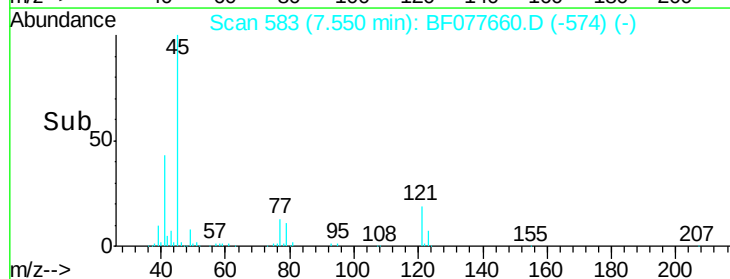
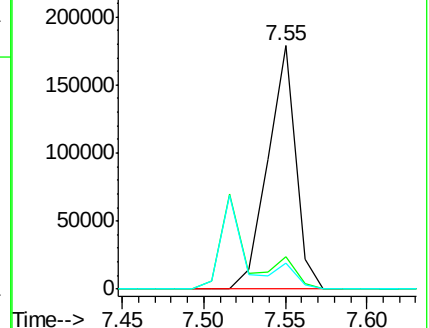
79 10.7 0.0 31.5

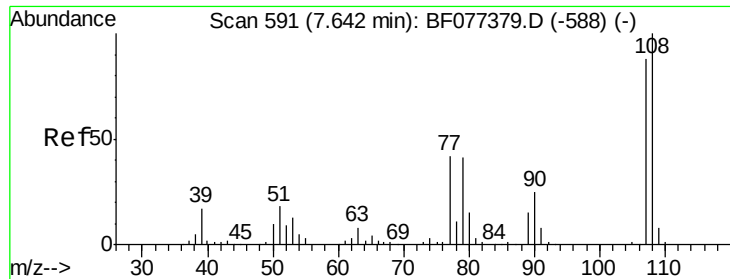


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

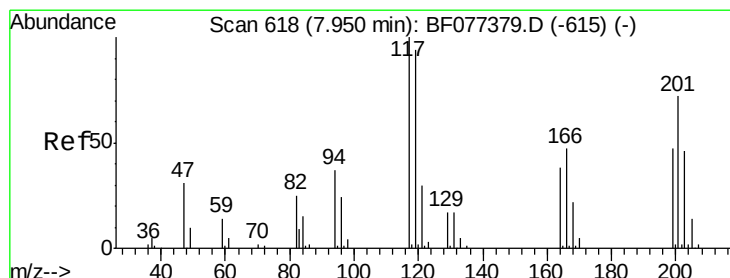
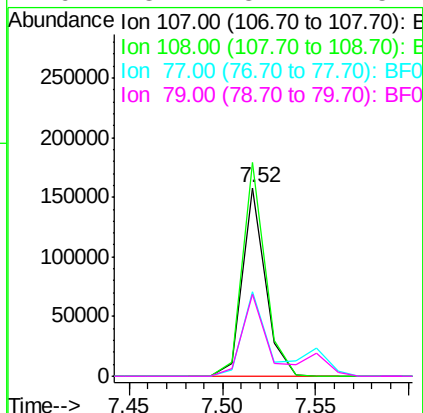
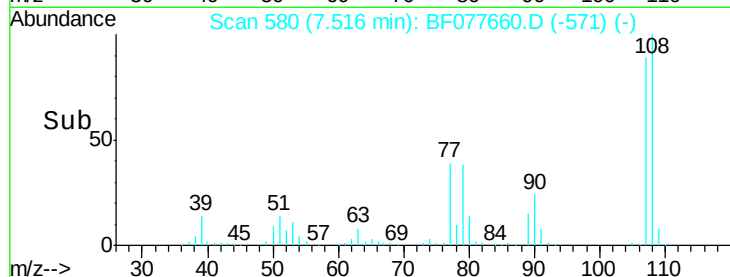
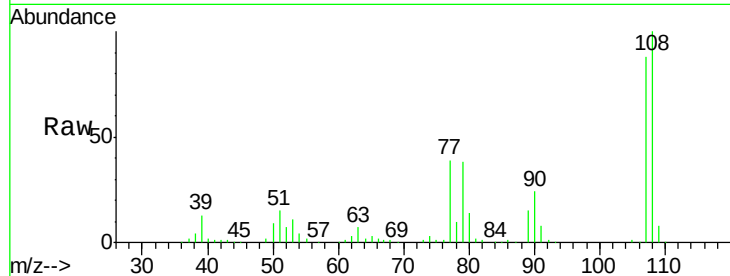




#17
2-Methylphenol
Concen: 40.72 ng
RT: 7.52 min Scan# 580
Delta R.T. -0.00 min
Lab File: BF077660.D
Acq: 10 Mar 2015 14:49

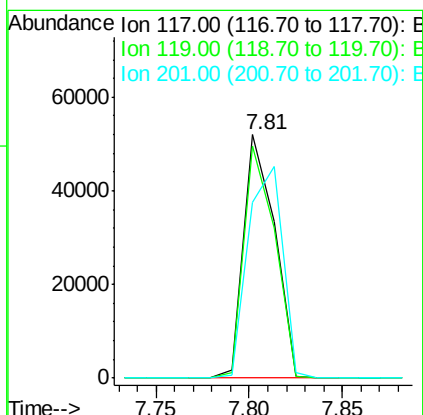
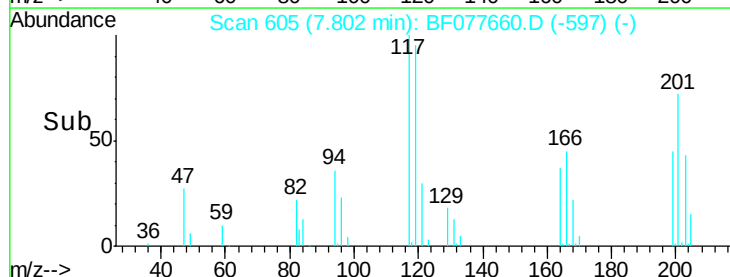
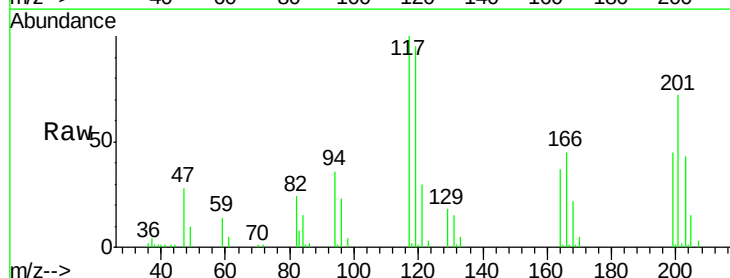
Instrument :
BNA_F
ClientSampleId :
PB81894BSD

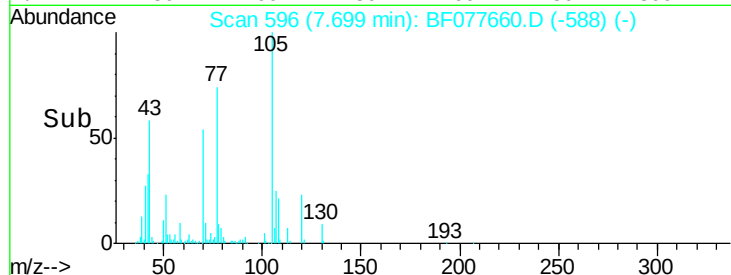
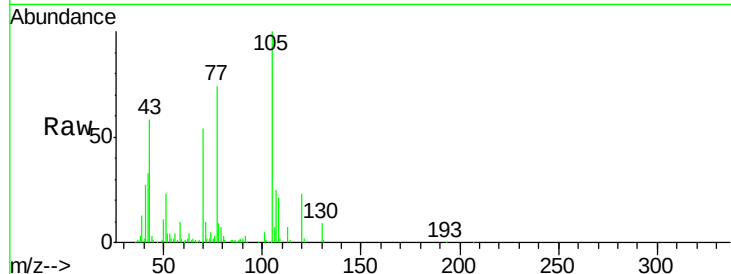
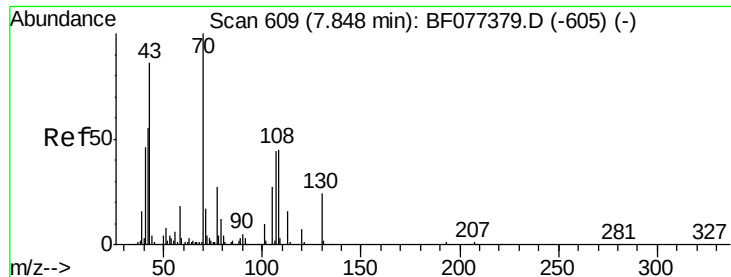
Tgt Ion:	107	Resp:	135344
Ion	Ratio	Lower	Upper
107	100		
108	113.2	91.2	136.8
77	44.5	33.6	50.4
79	43.4	32.1	48.1



#18
Hexachloroethane
Concen: 38.09 ng
RT: 7.81 min Scan# 605
Delta R.T. -0.00 min
Lab File: BF077660.D
Acq: 10 Mar 2015 14:49

Tgt Ion:	117	Resp:	59939
Ion	Ratio	Lower	Upper
117	100		
119	95.4	77.8	116.8
201	71.9	90.6	136.0#

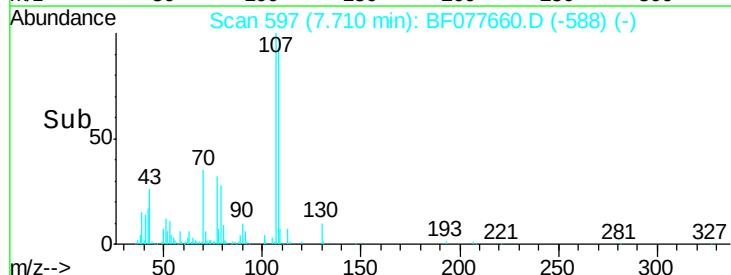
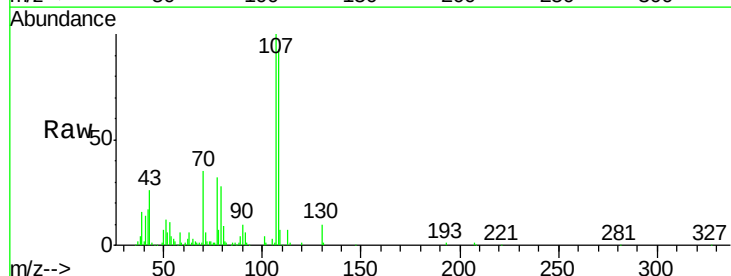
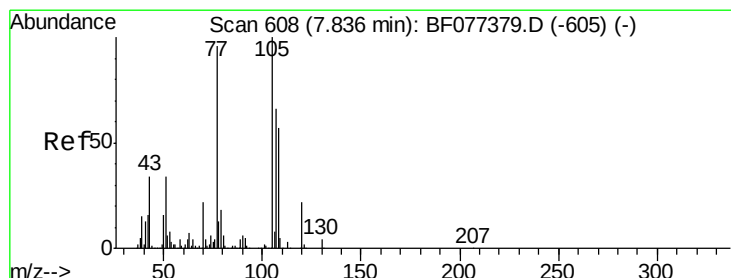
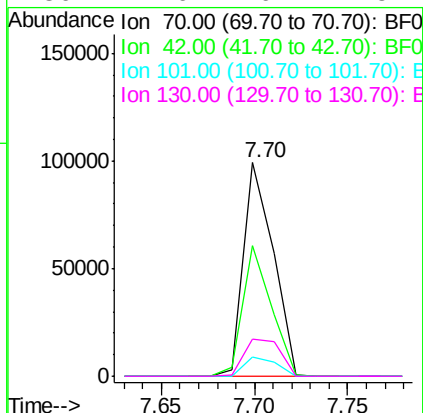




#19
n-Nitroso-di-n-propylamine
Concen: 37.35 ng
RT: 7.70 min Scan# 596
Delta R.T. -0.00 min
Lab File: BF077660.D
Acq: 10 Mar 2015 14:49

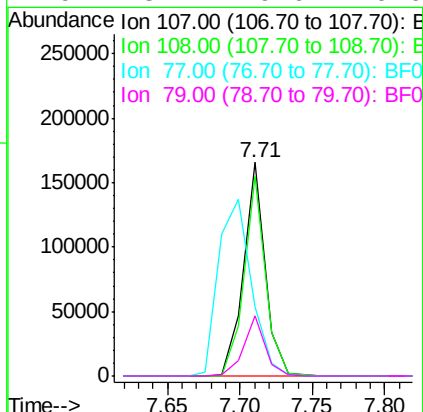
Instrument :
BNA_F
ClientSampleId :
PB81894BSD

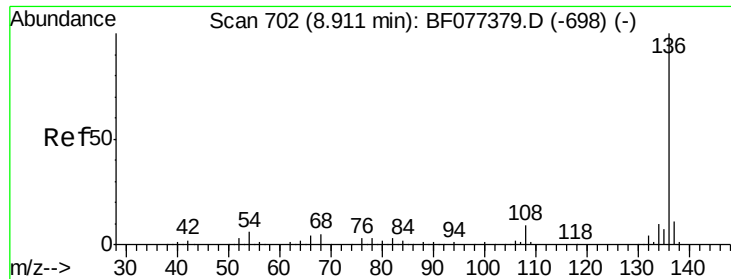
Tgt Ion:	70	Resp:	109943
Ion	Ratio	Lower	Upper
70	100		
42	61.1	48.3	72.5
101	8.9	7.5	11.3
130	17.6	16.7	25.1



#20
3+4-Methylphenols
Concen: 39.32 ng
RT: 7.71 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF077660.D
Acq: 10 Mar 2015 14:49

Tgt Ion:	107	Resp:	172169
Ion	Ratio	Lower	Upper
107	100		
108	93.4	76.8	116.8
77	32.5	65.8	105.8#
79	28.4	9.6	49.6

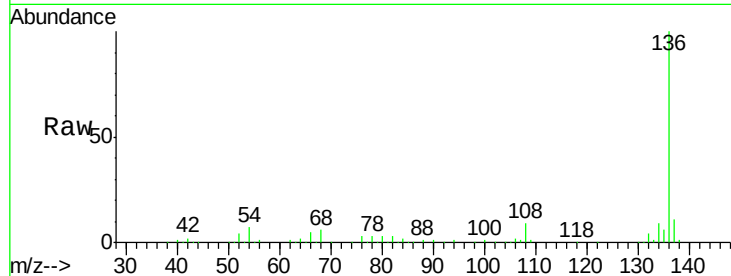




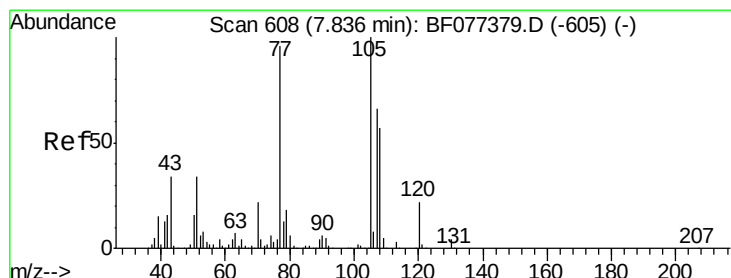
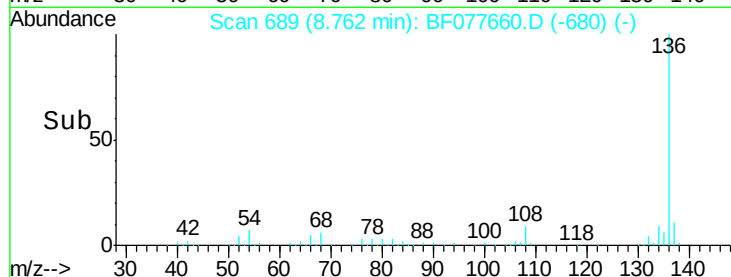
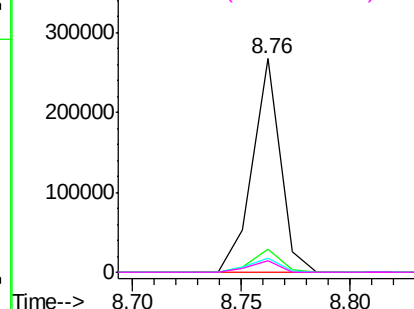
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.76 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF077660.D
Acq: 10 Mar 2015 14:49

Instrument :
BNA_F
ClientSampleId :
PB81894BSD

Tgt Ion:	136	Resp:	236972
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	6.8	6.2	9.4
68	5.5	5.0	7.6

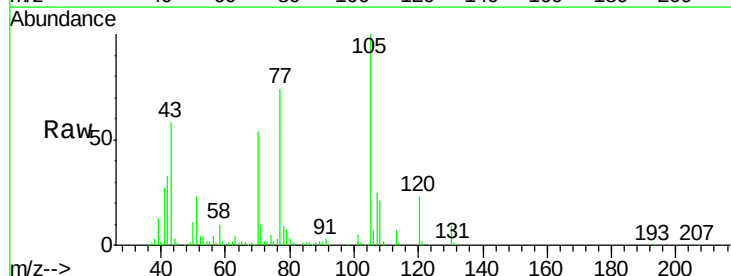


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

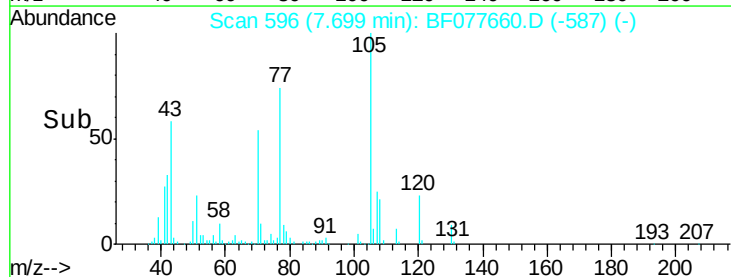
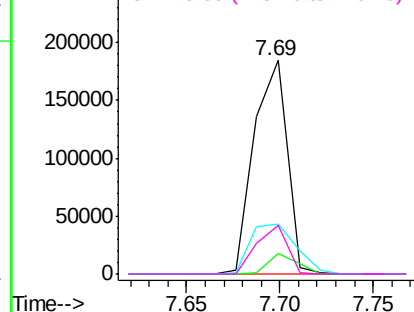


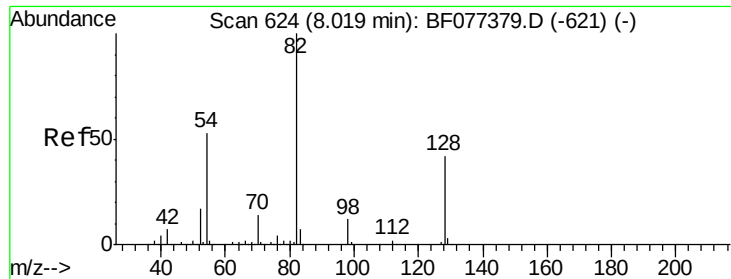
#22
Acetophenone
Concen: 40.55 ng
RT: 7.69 min Scan# 596
Delta R.T. -0.00 min
Lab File: BF077660.D
Acq: 10 Mar 2015 14:49

Tgt Ion:	105	Resp:	226049
Ion	Ratio	Lower	Upper
105	100		
71	9.5	1.7	2.5#
51	23.4	30.7	46.1#
120	22.7	16.7	25.1



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

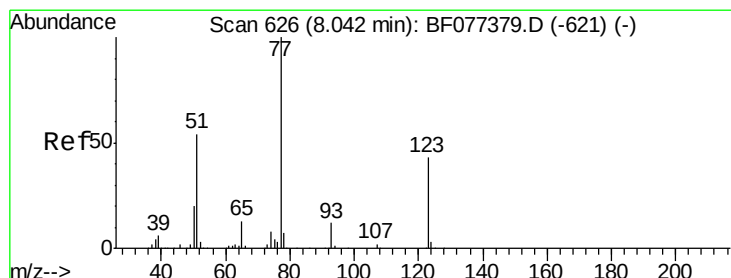
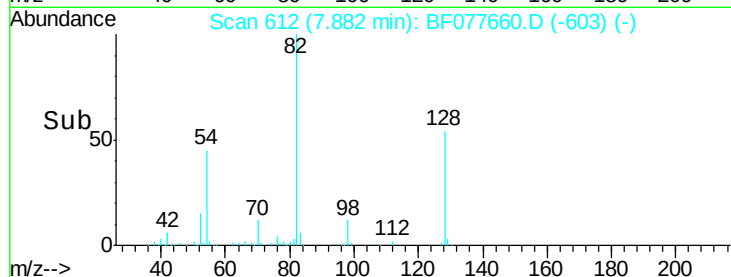
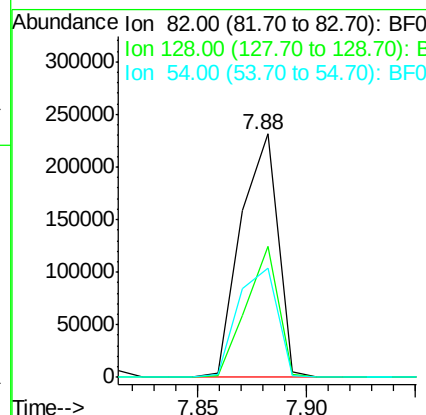
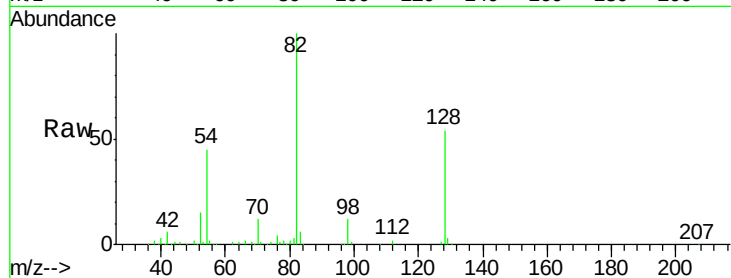




#23
 Nitrobenzene-d5
 Concen: 71.80 ng
 RT: 7.88 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: BF077660.D
 Acq: 10 Mar 2015 14:49

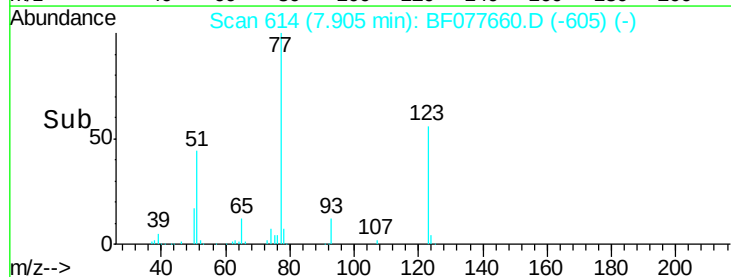
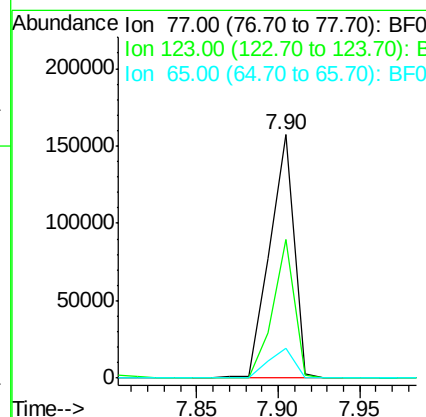
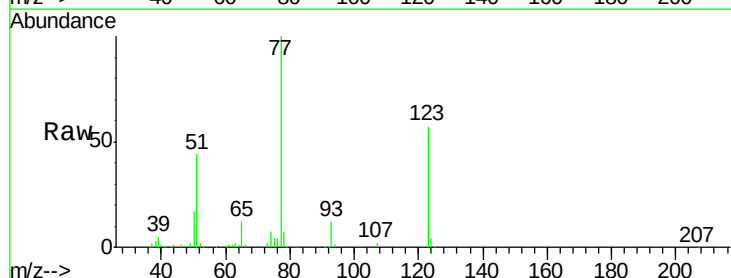
Instrument :
 BNA_F
 ClientSampleId :
 PB81894BSD

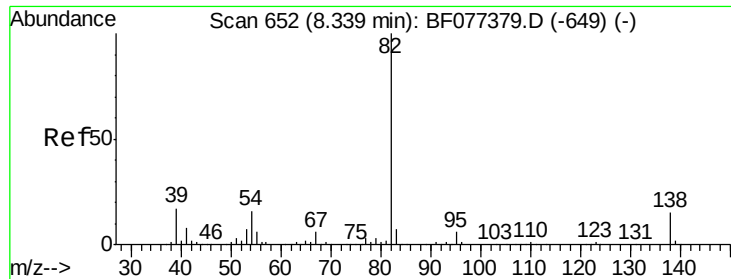
Tgt Ion	Ratio	Lower	Upper
82	100		
128	53.7	43.8	65.8
54	44.7	36.7	55.1



#24
 Nitrobenzene
 Concen: 41.00 ng
 RT: 7.90 min Scan# 614
 Delta R.T. -0.00 min
 Lab File: BF077660.D
 Acq: 10 Mar 2015 14:49

Tgt Ion	Ratio	Lower	Upper
77	100		
123	57.2	45.9	68.9
65	12.4	9.5	14.3





#25

Isophorone

Concen: 40.69 ng

RT: 8.20 min Scan# 640

Delta R.T. -0.00 min

Lab File: BF077660.D

Acq: 10 Mar 2015 14:49

Instrument :

BNA_F

ClientSampleId :

PB81894BSD

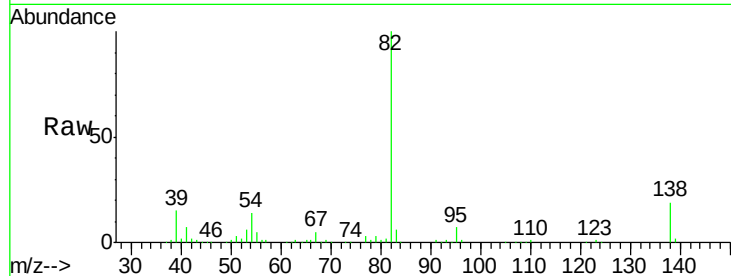
Tgt Ion: 82 Resp: 307657

Ion Ratio Lower Upper

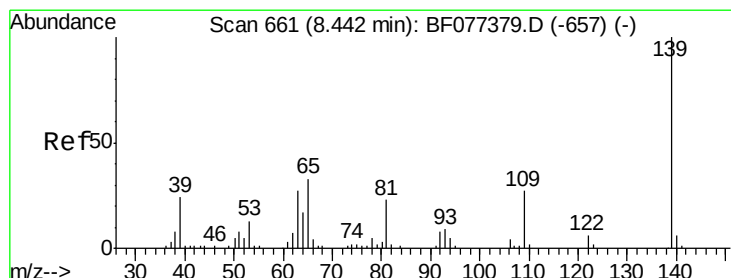
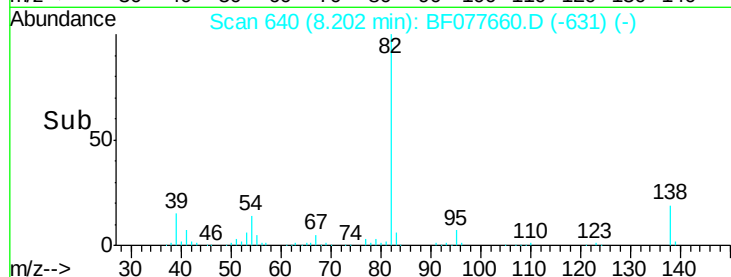
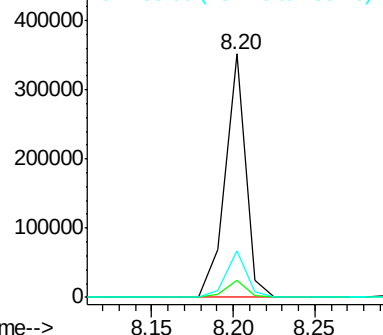
82 100

95 7.0 5.4 8.2

138 18.8 16.3 24.5



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 51.33 ng

RT: 8.29 min Scan# 648

Delta R.T. -0.00 min

Lab File: BF077660.D

Acq: 10 Mar 2015 14:49

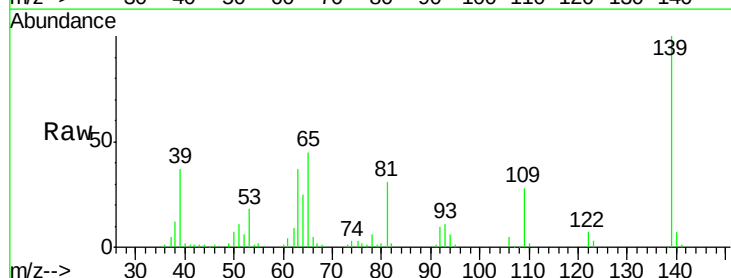
Tgt Ion: 139 Resp: 84346

Ion Ratio Lower Upper

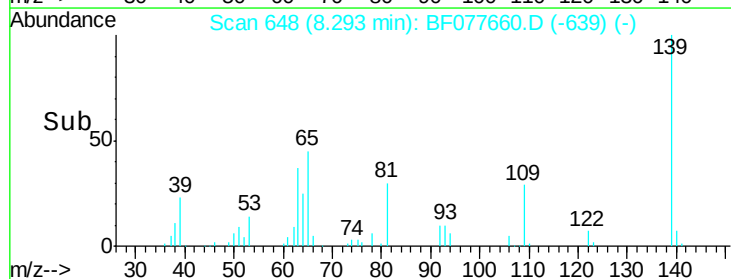
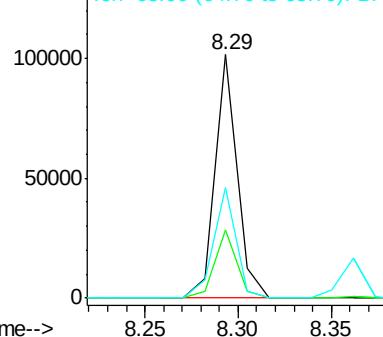
139 100

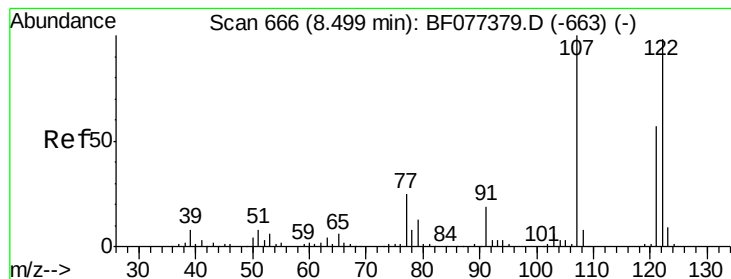
109 28.3 22.6 34.0

65 45.4 36.4 54.6



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 42.66 ng

RT: 8.36 min Scan# 654

Delta R.T. -0.00 min

Lab File: BF077660.D

Acq: 10 Mar 2015 14:49

Instrument :

BNA_F

ClientSampleId :

PB81894BSD

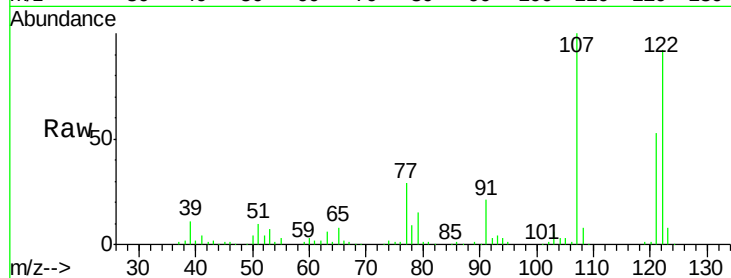
Tgt Ion:122 Resp: 156858

Ion Ratio Lower Upper

122 100

107 108.8 86.6 130.0

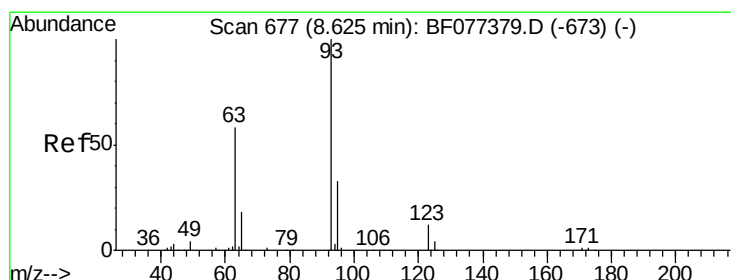
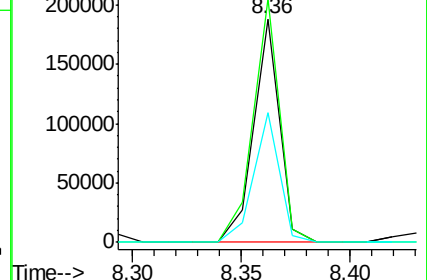
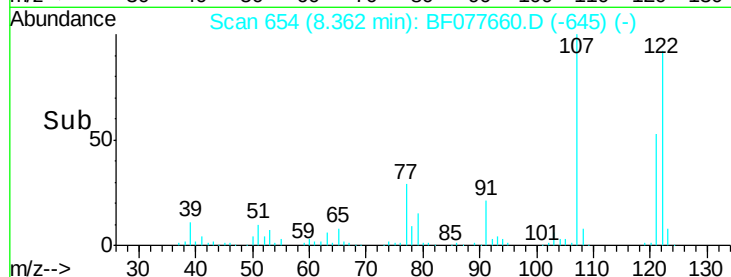
121 57.8 47.4 71.0



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: 40.00 ng

RT: 8.48 min Scan# 665

Delta R.T. -0.00 min

Lab File: BF077660.D

Acq: 10 Mar 2015 14:49

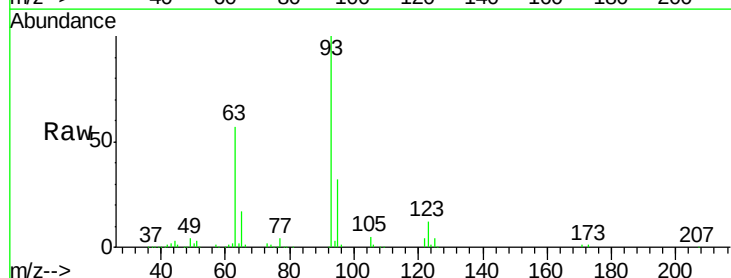
Tgt Ion: 93 Resp: 191029

Ion Ratio Lower Upper

93 100

95 32.5 26.4 39.6

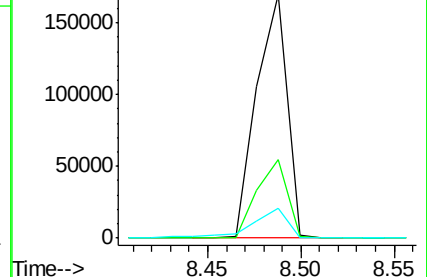
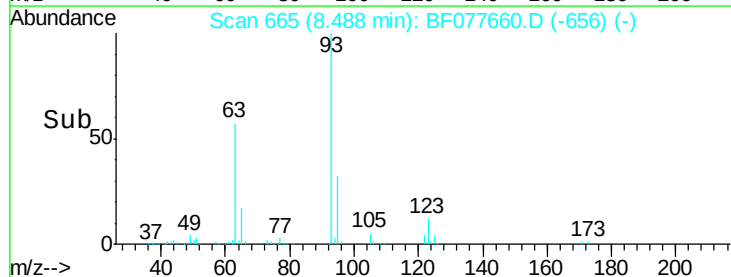
123 12.5 8.7 13.1

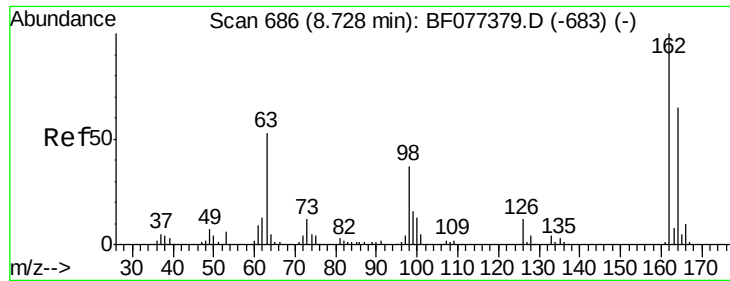


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

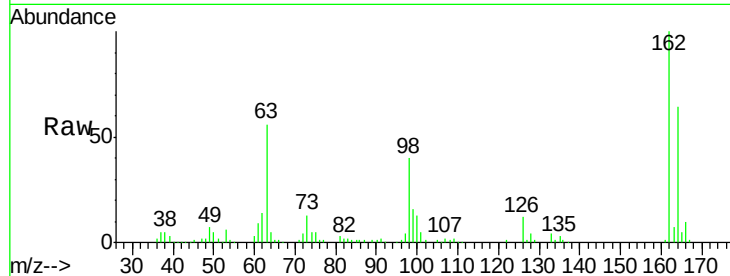




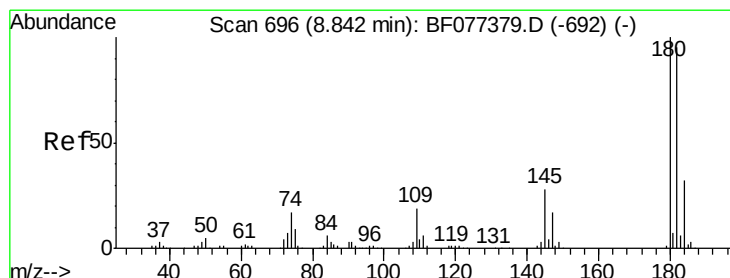
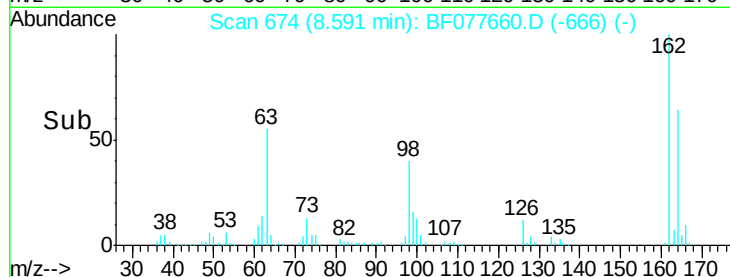
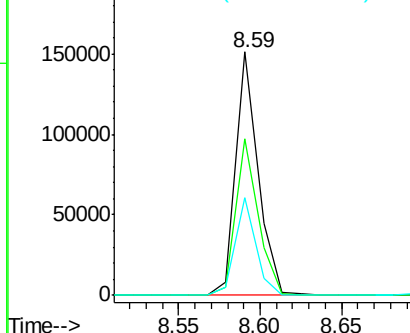
#29
2,4-Dichlorophenol
Concen: 41.11 ng
RT: 8.59 min Scan# 674
Delta R.T. -0.00 min
Lab File: BF077660.D
Acq: 10 Mar 2015 14:49

Instrument :
BNA_F
ClientSampleId :
PB81894BSD

Tgt Ion:162 Resp: 141878
Ion Ratio Lower Upper
162 100
164 64.4 46.4 86.4
98 39.9 6.9 46.9

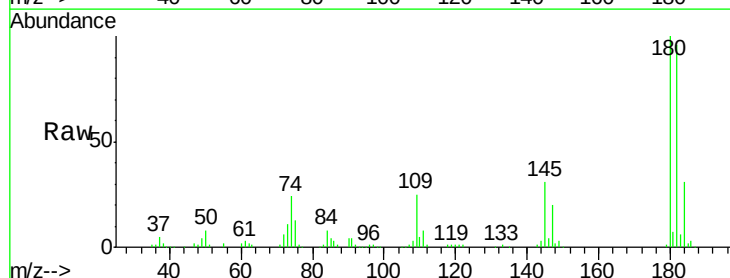


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): E

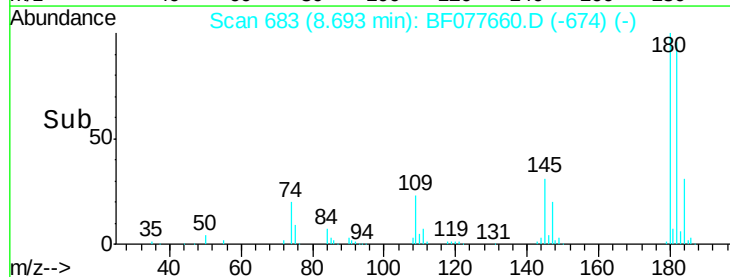
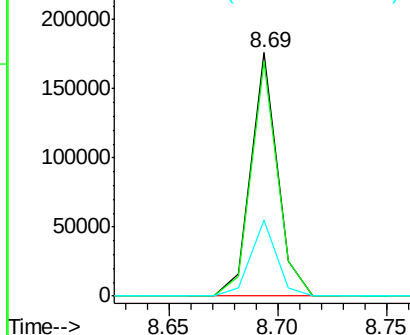


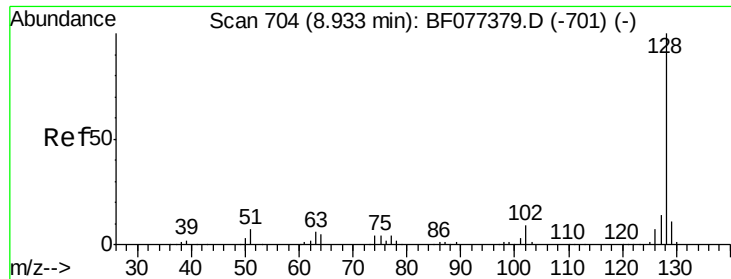
#30
1,2,4-Trichlorobenzene
Concen: 39.37 ng
RT: 8.69 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF077660.D
Acq: 10 Mar 2015 14:49

Tgt Ion:180 Resp: 149368
Ion Ratio Lower Upper
180 100
182 96.4 76.2 114.4
145 31.4 24.5 36.7



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

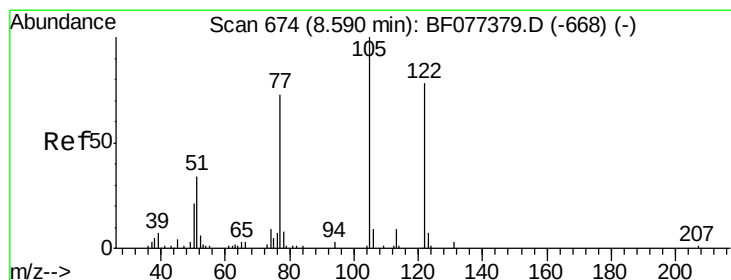
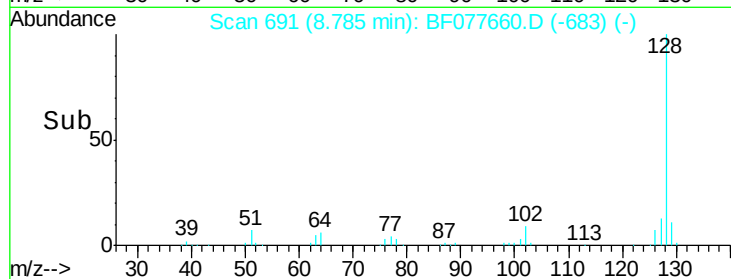
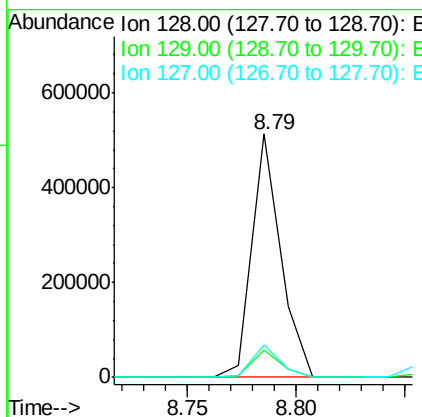
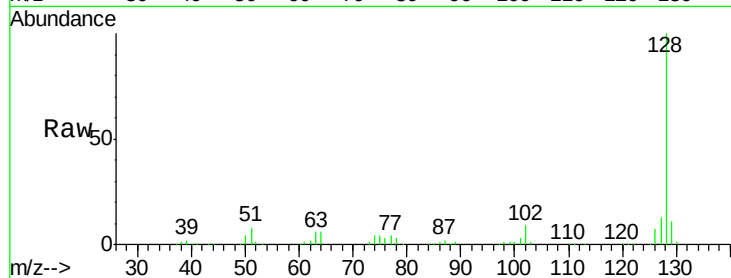




#31
Naphthalene
Concen: 39.90 ng
RT: 8.79 min Scan# 691
Delta R.T. -0.00 min
Lab File: BF077660.D
Acq: 10 Mar 2015 14:49

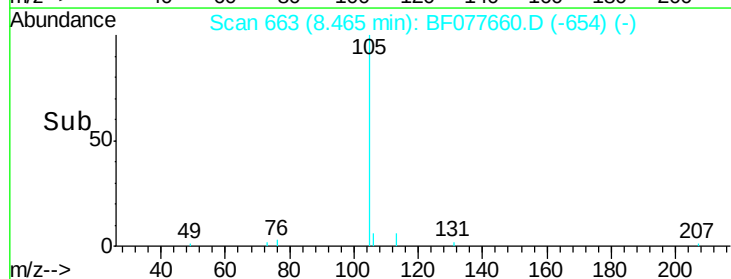
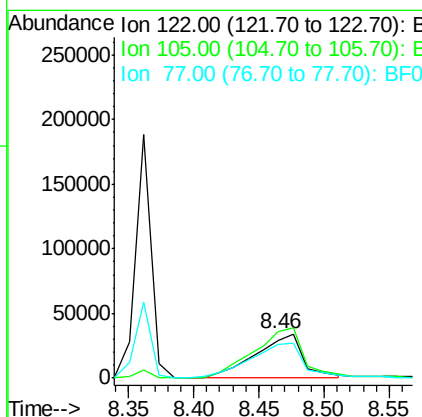
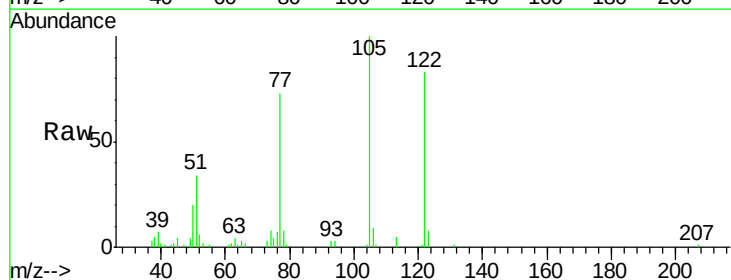
Instrument :
BNA_F
ClientSampleId :
PB81894BSD

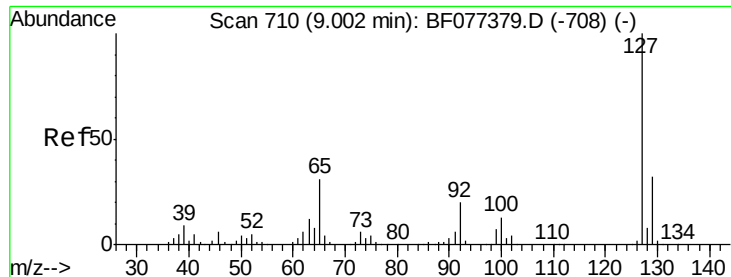
Tgt Ion:128 Resp: 472847
Ion Ratio Lower Upper
128 100
129 11.4 9.4 14.0
127 13.4 10.6 15.8



#32
Benzoic acid
Concen: 47.88 ng
RT: 8.46 min Scan# 663
Delta R.T. 0.00 min
Lab File: BF077660.D
Acq: 10 Mar 2015 14:49

Tgt Ion:122 Resp: 85543
Ion Ratio Lower Upper
122 100
105 120.8 100.3 140.3
77 88.5 68.7 108.7

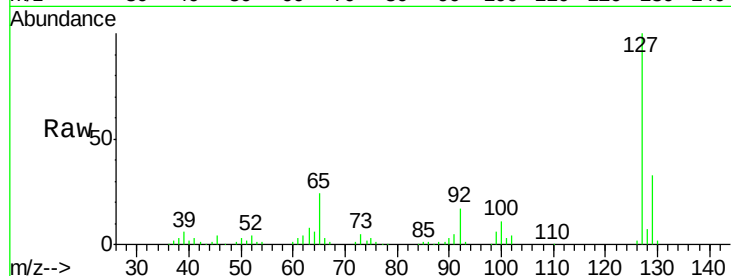




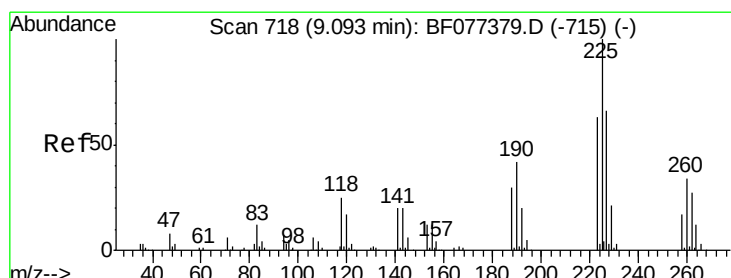
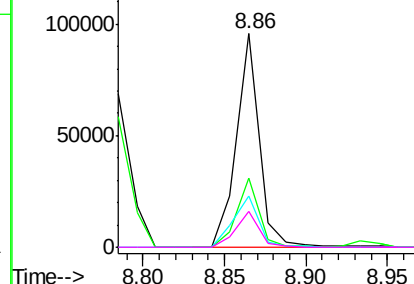
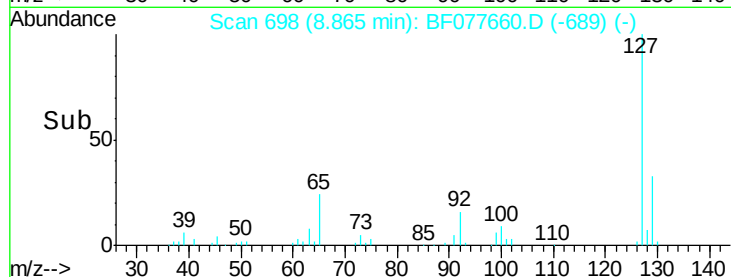
#33
4-Chloroaniline
Concen: 17.41 ng
RT: 8.86 min Scan# 698
Delta R.T. -0.00 min
Lab File: BF077660.D
Acq: 10 Mar 2015 14:49

Instrument :
BNA_F
ClientSampleId :
PB81894BSD

Tgt Ion:	127	Resp:	91717
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.9	40.3
65	24.0	16.7	25.1
92	16.6	12.5	18.7

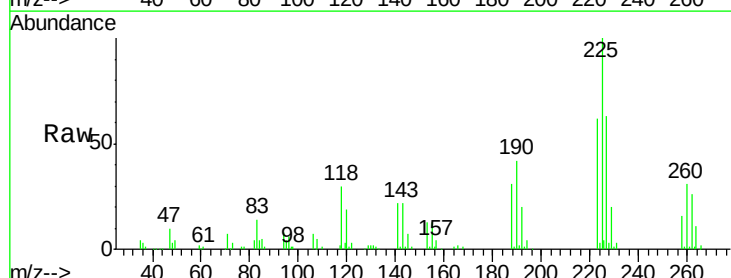


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

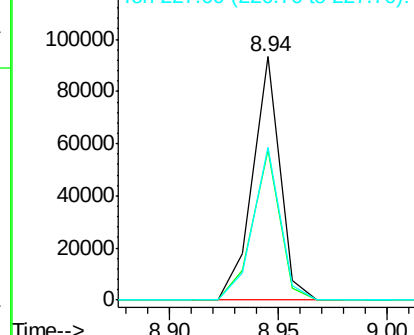
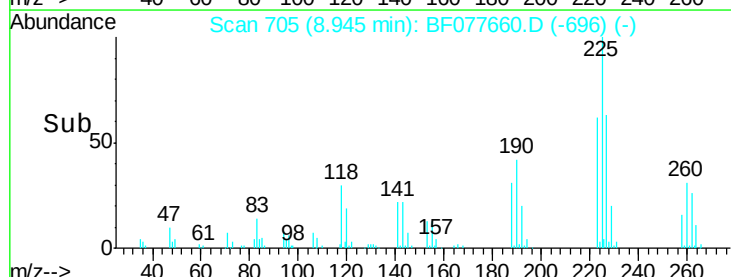


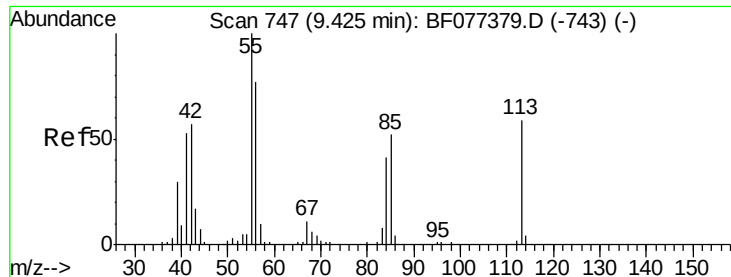
#34
Hexachlorobutadiene
Concen: 37.52 ng
RT: 8.94 min Scan# 705
Delta R.T. -0.00 min
Lab File: BF077660.D
Acq: 10 Mar 2015 14:49

Tgt Ion:	225	Resp:	81284
Ion	Ratio	Lower	Upper
225	100		
223	61.5	49.5	74.3
227	63.0	50.5	75.7



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: 41.48 ng

RT: 9.29 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF077660.D

Acq: 10 Mar 2015 14:49

Instrument :

BNA_F

ClientSampleId :

PB81894BSD

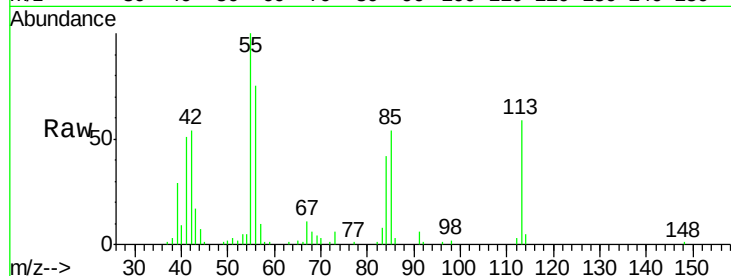
Tgt Ion:113 Resp: 43699

Ion Ratio Lower Upper

113 100

55 169.0 154.6 194.6

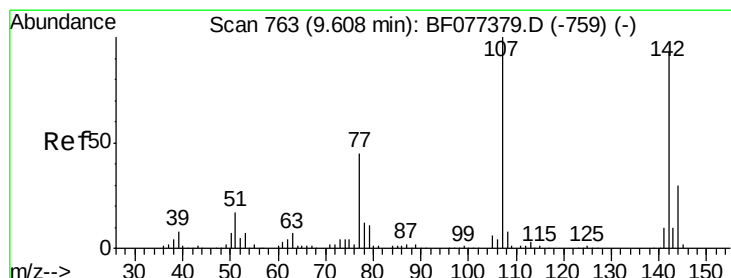
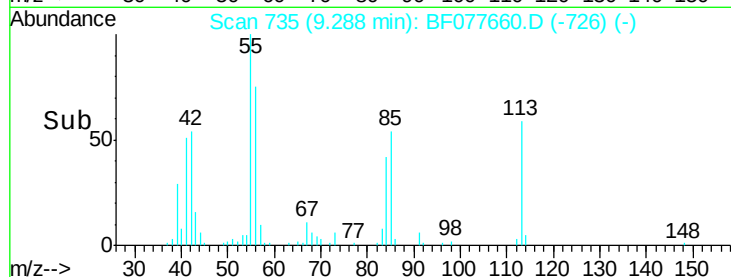
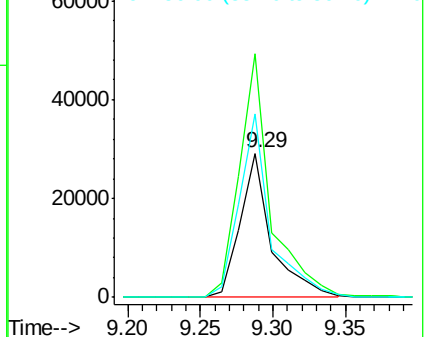
56 127.4 114.0 154.0



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: 42.38 ng

RT: 9.47 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF077660.D

Acq: 10 Mar 2015 14:49

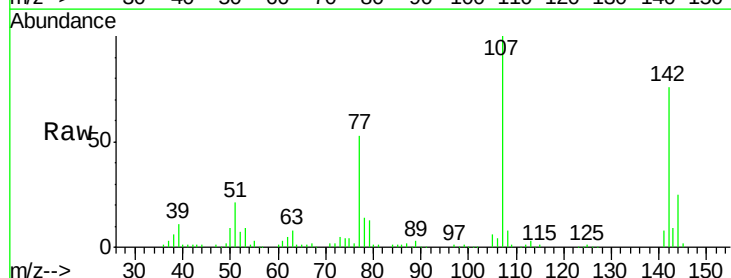
Tgt Ion:107 Resp: 147049

Ion Ratio Lower Upper

107 100

144 24.9 21.1 31.7

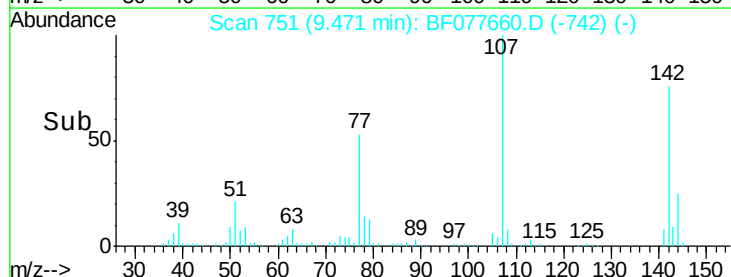
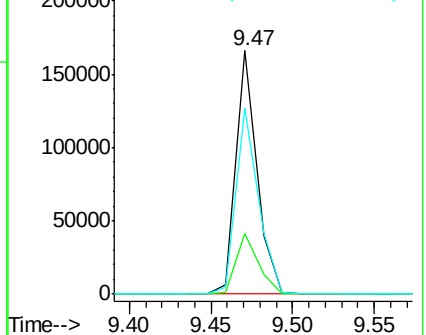
142 76.2 65.3 97.9

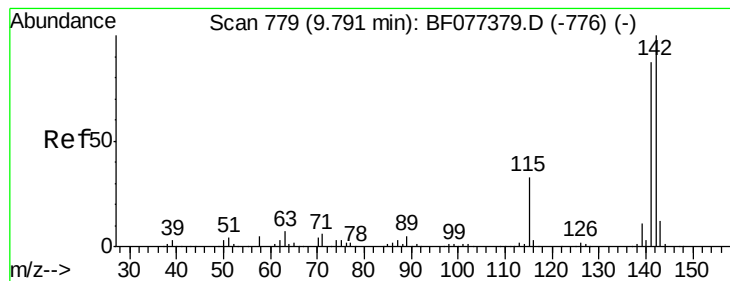


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

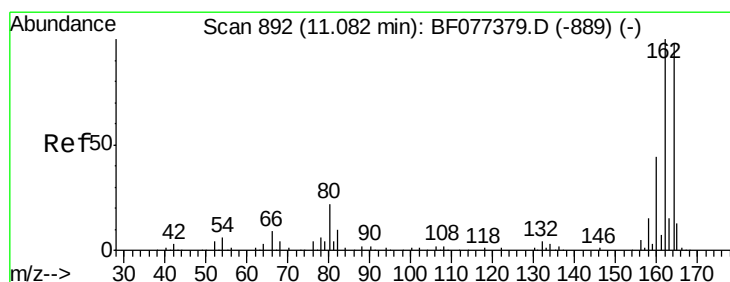
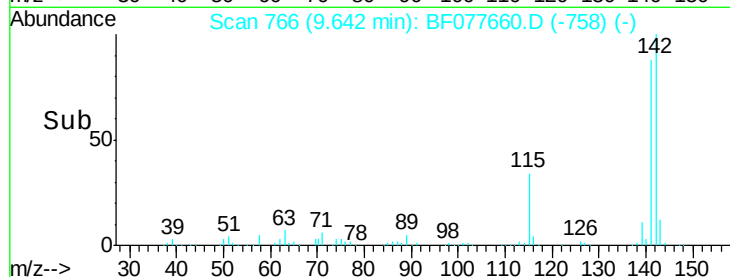
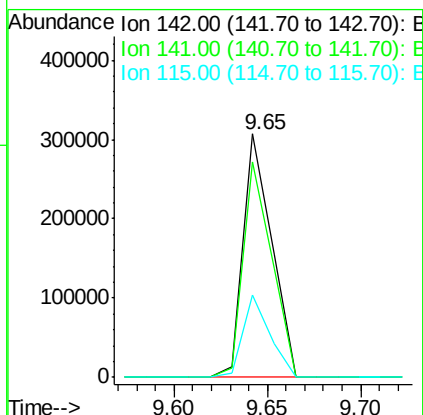
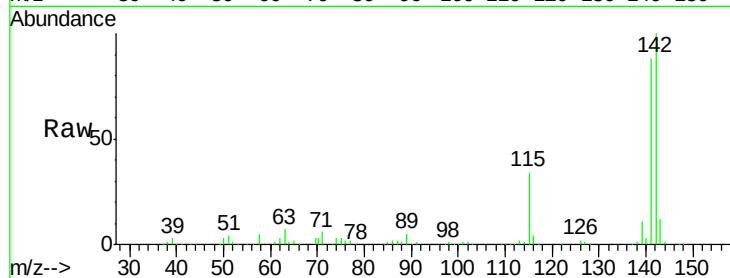




#37
 2-Methylnaphthalene
 Concen: 38.86 ng
 RT: 9.65 min Scan# 766
 Delta R.T. -0.00 min
 Lab File: BF077660.D
 Acq: 10 Mar 2015 14:49

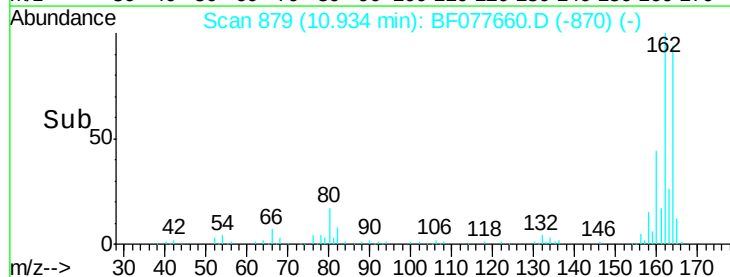
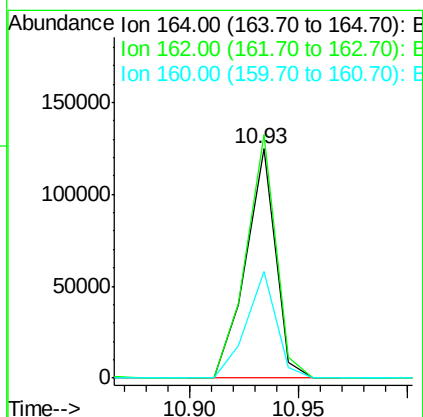
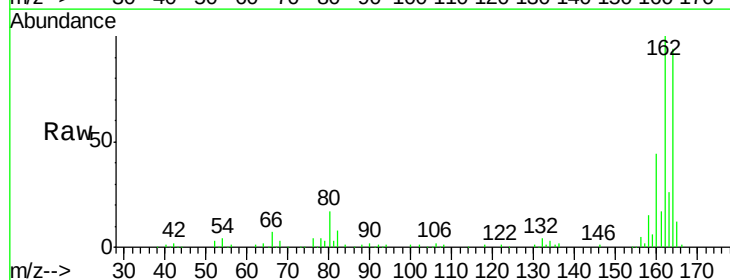
Instrument :
 BNA_F
 ClientSampleId :
 PB81894BSD

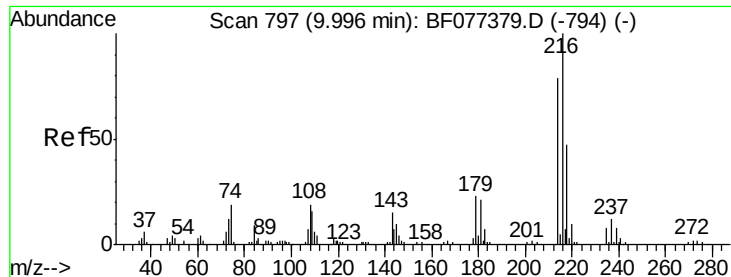
Tgt Ion:142 Resp: 327010
 Ion Ratio Lower Upper
 142 100
 141 88.4 70.7 106.1
 115 33.9 24.2 36.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.93 min Scan# 879
 Delta R.T. -0.00 min
 Lab File: BF077660.D
 Acq: 10 Mar 2015 14:49

Tgt Ion:164 Resp: 118455
 Ion Ratio Lower Upper
 164 100
 162 106.2 83.2 124.8
 160 46.5 34.6 52.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.03 ng

RT: 9.85 min Scan# 784

Delta R.T. -0.00 min

Lab File: BF077660.D

Acq: 10 Mar 2015 14:49

Instrument :

BNA_F

ClientSampleId :

PB81894BSD

Tgt Ion:216 Resp: 139469

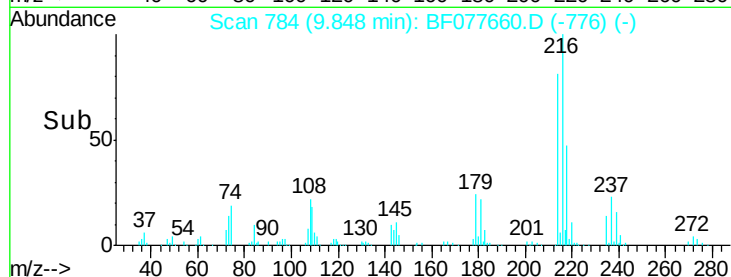
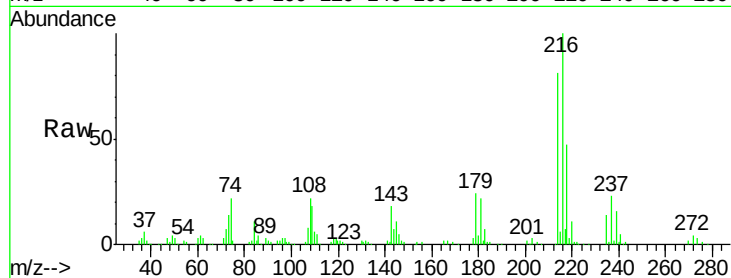
Ion Ratio Lower Upper

216 100

214 79.9 63.4 95.0

179 22.0 16.6 25.0

108 22.0 14.2 21.4#

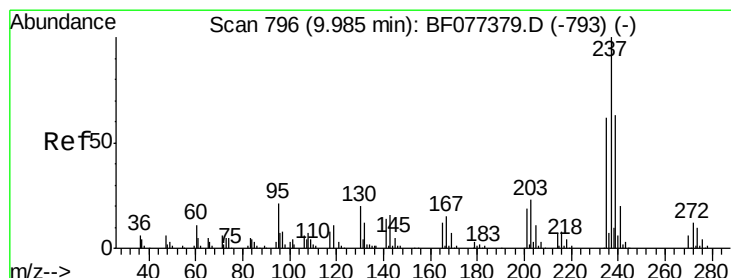
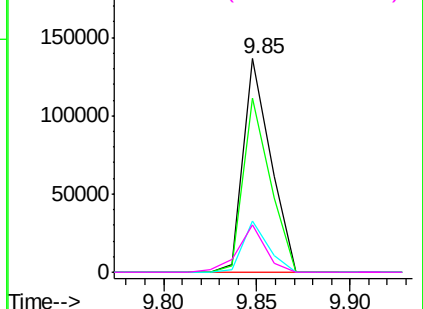


Abundance Ion 216.00 (215.70 to 216.70): E

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: 79.30 ng

RT: 9.84 min Scan# 783

Delta R.T. -0.00 min

Lab File: BF077660.D

Acq: 10 Mar 2015 14:49

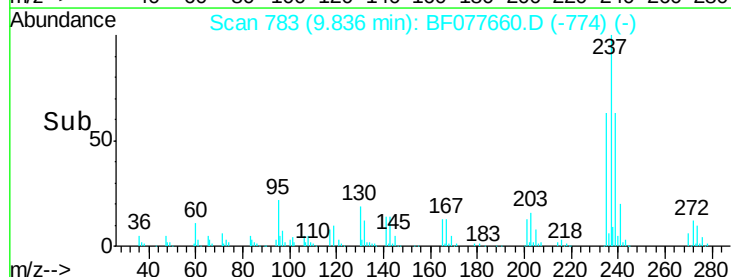
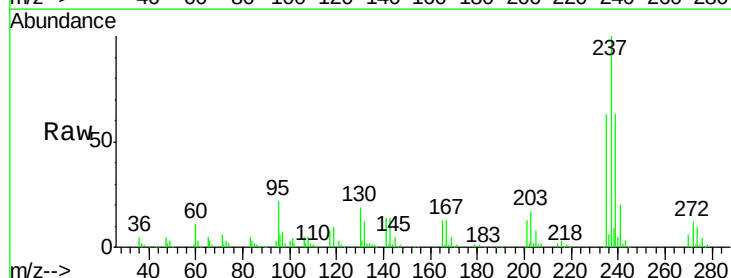
Tgt Ion:237 Resp: 144523

Ion Ratio Lower Upper

237 100

235 63.3 41.0 81.0

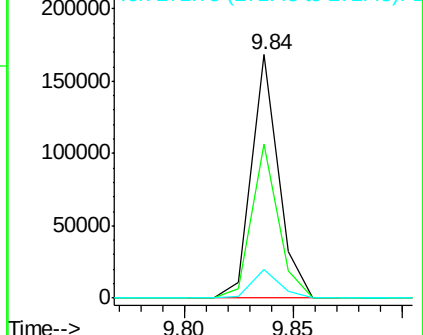
272 11.8 0.0 34.3

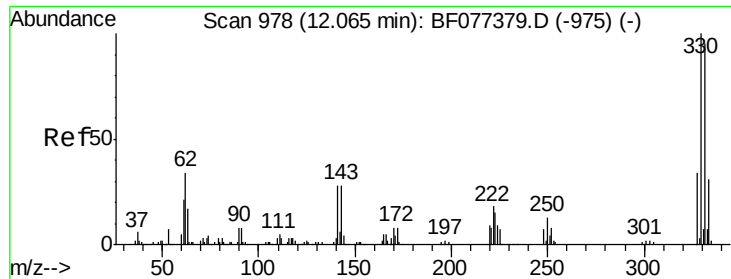


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

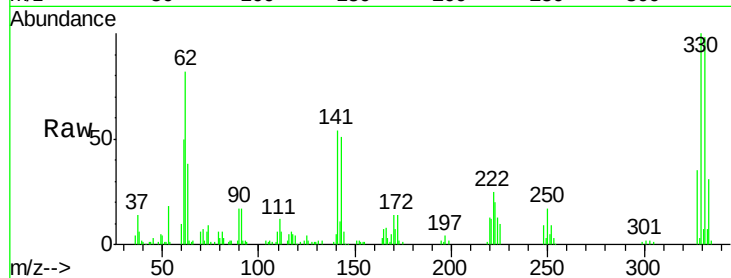




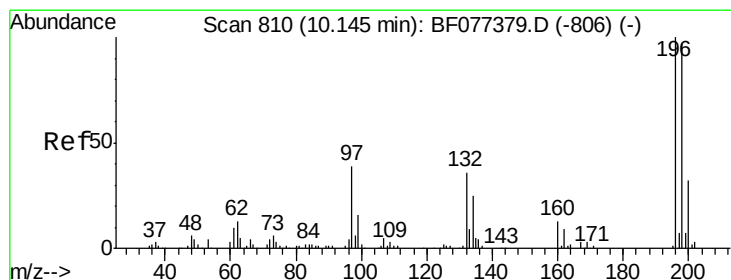
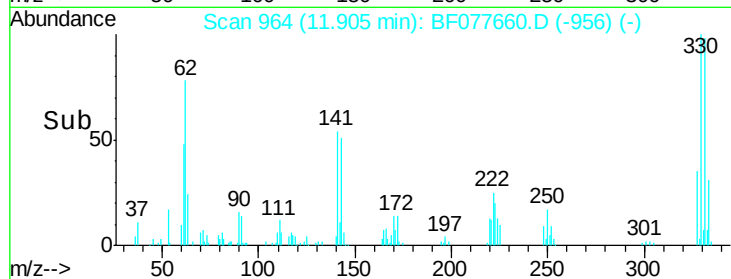
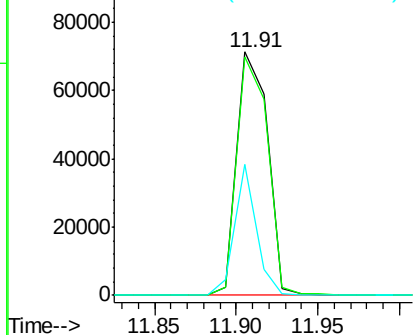
#41
 2,4,6-Tribromophenol
 Concen: 81.46 ng
 RT: 11.91 min Scan# 964
 Delta R.T. -0.00 min
 Lab File: BF077660.D
 Acq: 10 Mar 2015 14:49

Instrument :
 BNA_F
 ClientSampleId :
 PB81894BSD

Tgt Ion:330 Resp: 92911
 Ion Ratio Lower Upper
 330 100
 332 98.0 77.4 116.2
 141 37.9 28.8 43.2

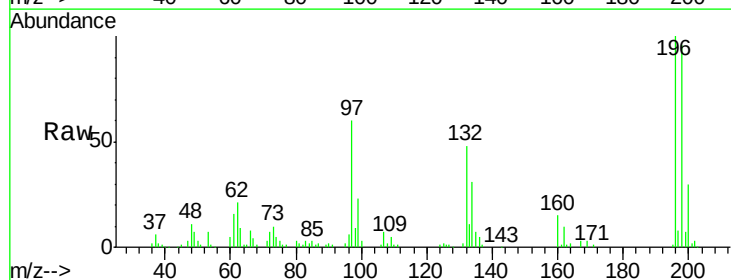


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

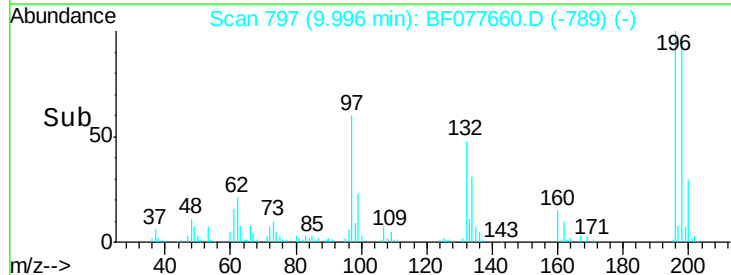
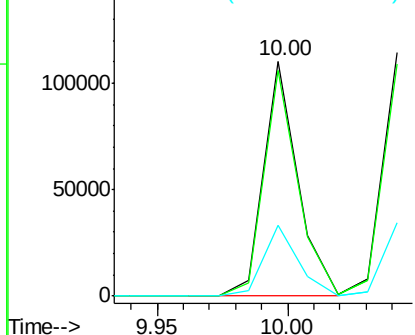


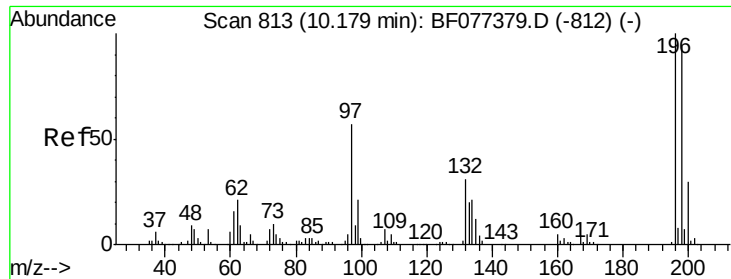
#42
 2,4,6-Trichlorophenol
 Concen: 44.92 ng
 RT: 10.00 min Scan# 797
 Delta R.T. -0.00 min
 Lab File: BF077660.D
 Acq: 10 Mar 2015 14:49

Tgt Ion:196 Resp: 101100
 Ion Ratio Lower Upper
 196 100
 198 96.0 75.8 113.8
 200 30.1 24.2 36.4



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

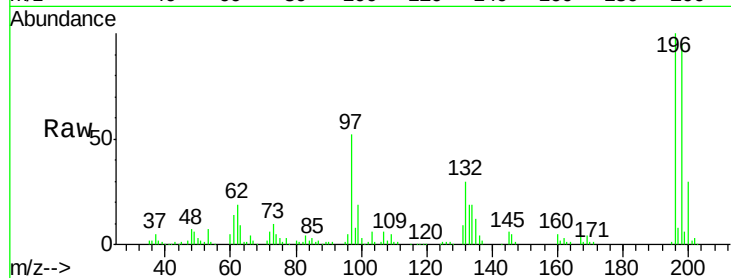




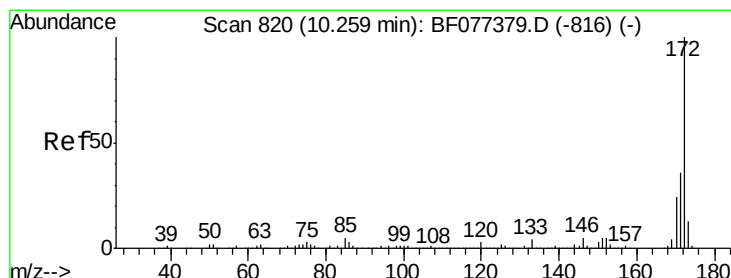
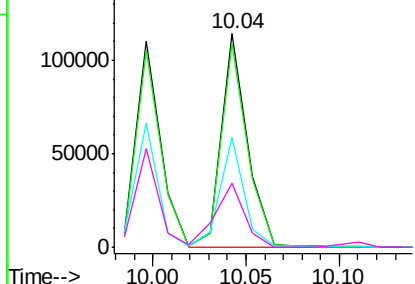
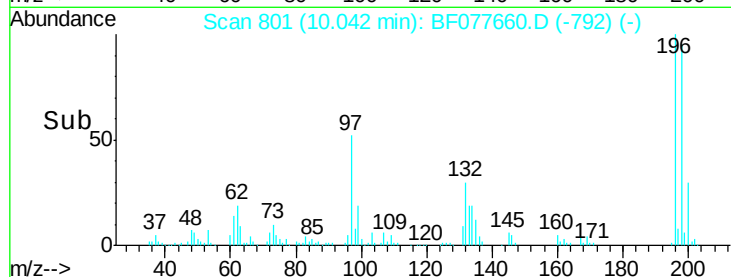
#43
 2,4,5-Trichlorophenol
 Concen: 46.04 ng
 RT: 10.04 min Scan# 801
 Delta R.T. 0.00 min
 Lab File: BF077660.D
 Acq: 10 Mar 2015 14:49

Instrument :
 BNA_F
 ClientSampleId :
 PB81894BSD

Tgt Ion:196 Resp: 110804
 Ion Ratio Lower Upper
 196 100
 198 95.4 77.2 115.8
 97 51.6 27.7 41.5#
 132 30.2 18.0 27.0#

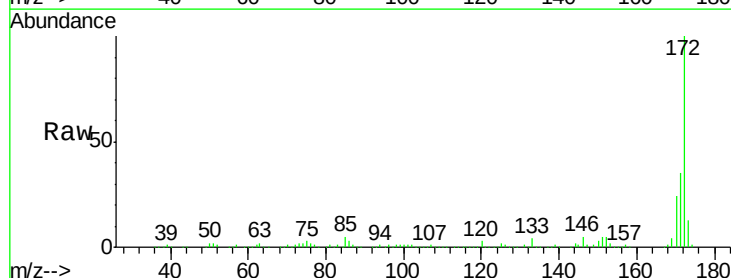


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

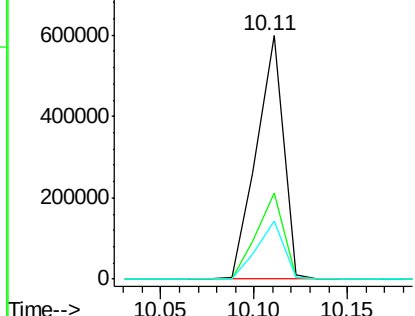
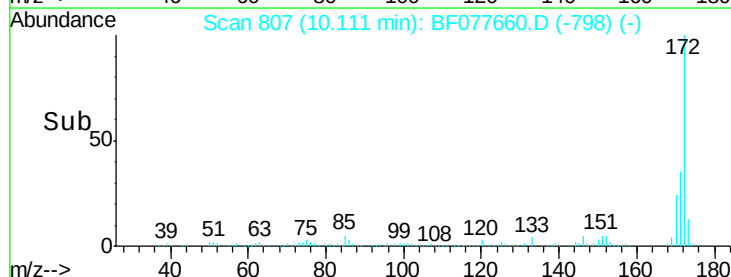


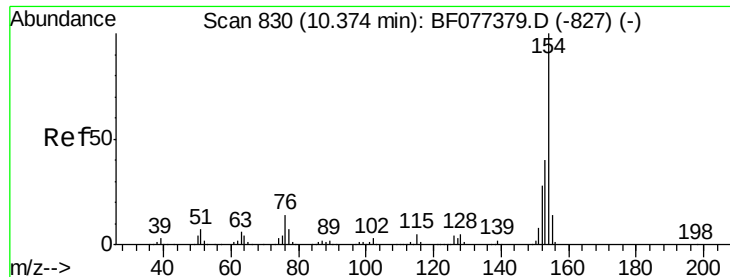
#44
 2-Fluorobiphenyl
 Concen: 78.80 ng
 RT: 10.11 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BF077660.D
 Acq: 10 Mar 2015 14:49

Tgt Ion:172 Resp: 598600
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.9 43.3
 170 23.6 19.4 29.2



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

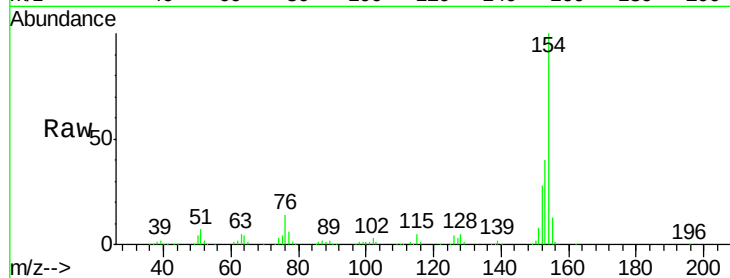




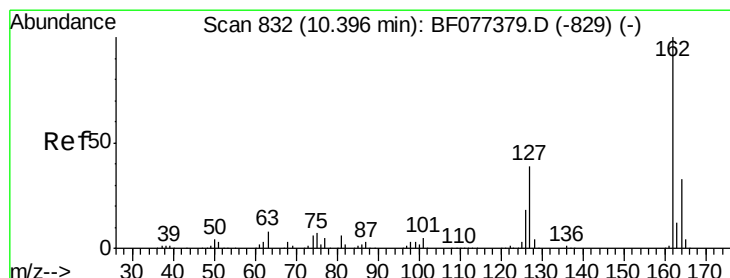
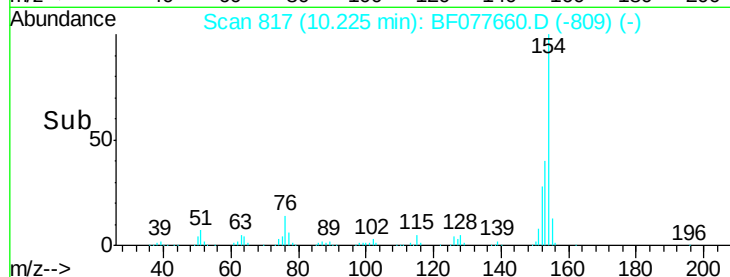
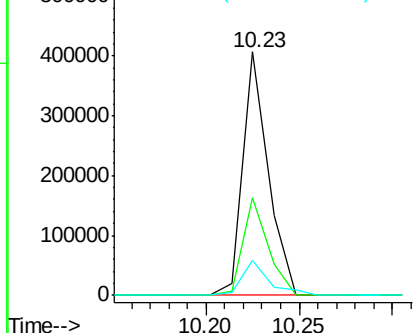
#45
 1,1'-Biphenyl
 Concen: 42.95 ng
 RT: 10.23 min Scan# 817
 Delta R.T. -0.00 min
 Lab File: BF077660.D
 Acq: 10 Mar 2015 14:49

Instrument :
 BNA_F
 ClientSampleId :
 PB81894BSD

Tgt Ion:154 Resp: 385440
 Ion Ratio Lower Upper
 154 100
 153 39.9 20.2 60.2
 76 14.1 0.0 29.4

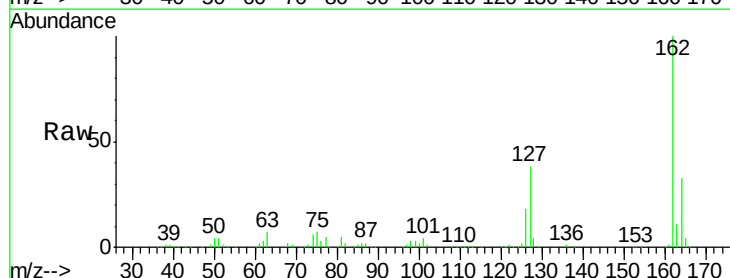


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

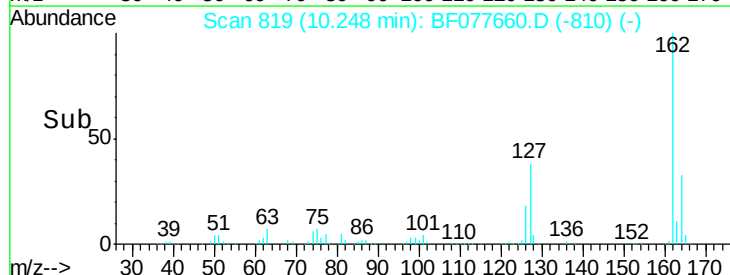
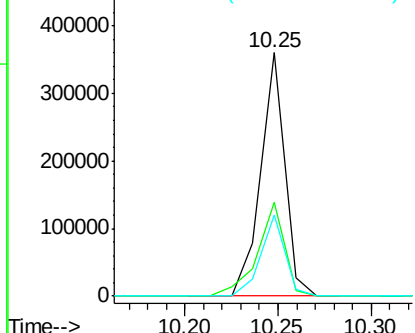


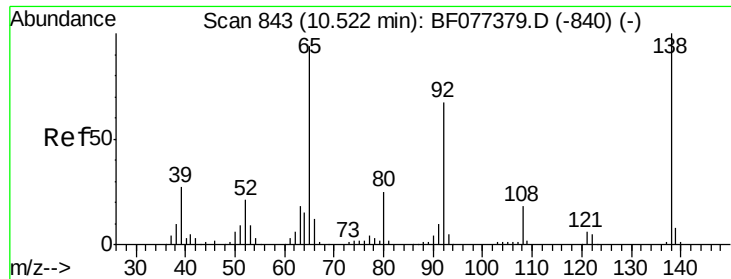
#46
 2-Chloronaphthalene
 Concen: 45.44 ng
 RT: 10.25 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF077660.D
 Acq: 10 Mar 2015 14:49

Tgt Ion:162 Resp: 319812
 Ion Ratio Lower Upper
 162 100
 127 38.3 33.3 49.9
 164 33.3 26.2 39.4



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

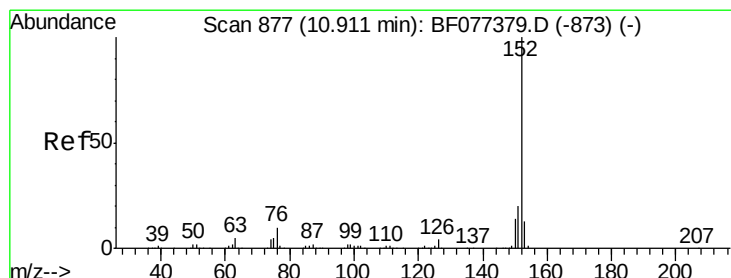
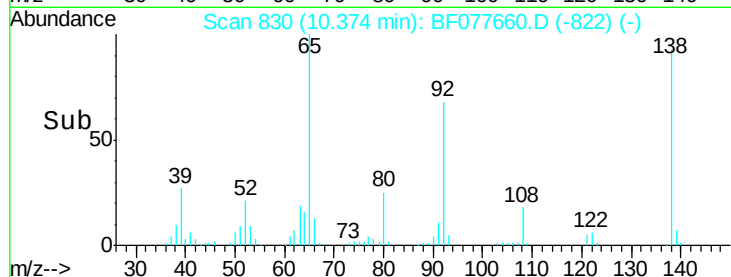
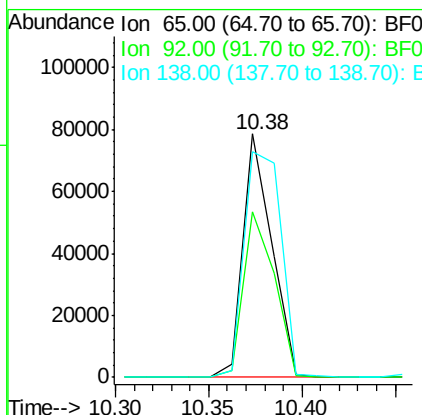
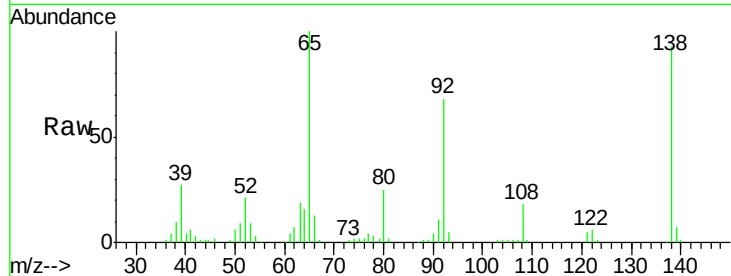




#47
 2-Nitroaniline
 Concen: 48.46 ng
 RT: 10.38 min Scan# 830
 Delta R.T. -0.00 min
 Lab File: BF077660.D
 Acq: 10 Mar 2015 14:49

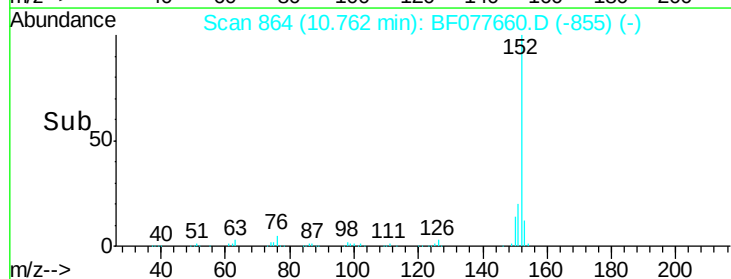
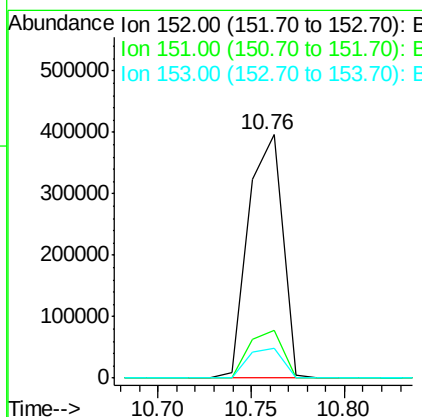
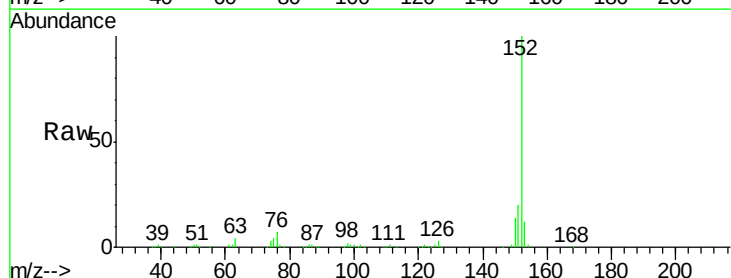
Instrument :
 BNA_F
 ClientSampleId :
 PB81894BSD

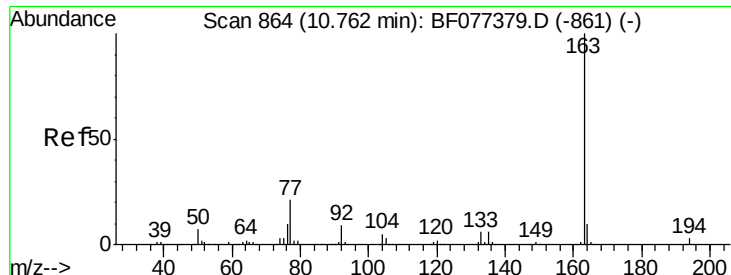
Tgt Ion:	65	Resp:	83951
Ion	Ratio	Lower	Upper
65	100		
92	68.2	52.4	78.6
138	92.9	73.4	110.0



#48
 Acenaphthylene
 Concen: 45.23 ng
 RT: 10.76 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: BF077660.D
 Acq: 10 Mar 2015 14:49

Tgt Ion:	152	Resp:	503984
Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.1	24.1
153	12.4	10.9	16.3

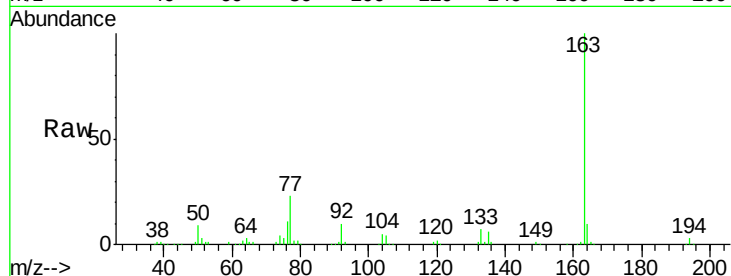




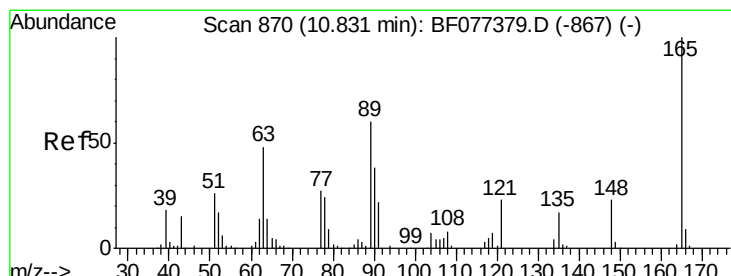
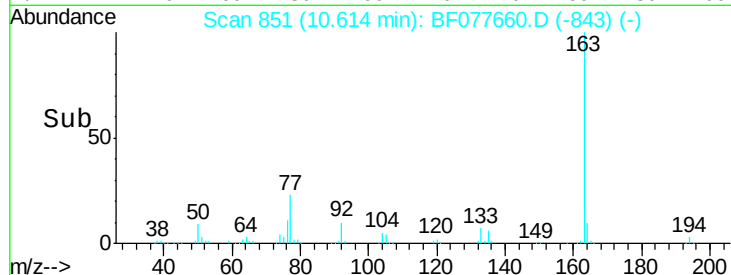
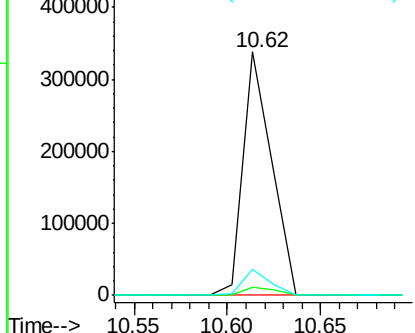
#49
Dimethylphthalate
Concen: 43.05 ng
RT: 10.62 min Scan# 851
Delta R.T. -0.00 min
Lab File: BF077660.D
Acq: 10 Mar 2015 14:49

Instrument :
BNA_F
ClientSampleId :
PB81894BSD

Tgt Ion:163 Resp: 358484
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.5 8.6 13.0

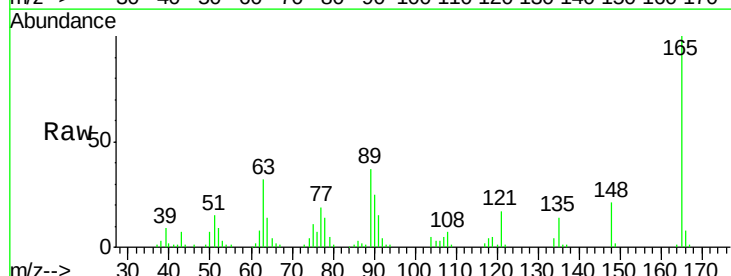


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

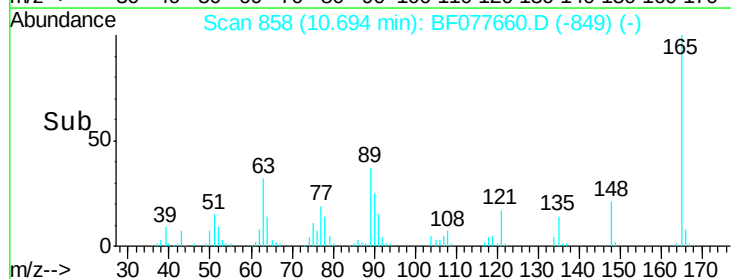
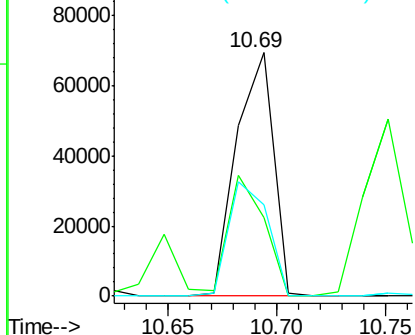


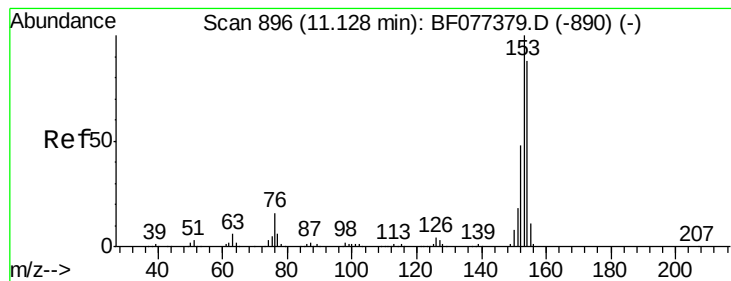
#50
2,6-Dinitrotoluene
Concen: 49.14 ng
RT: 10.69 min Scan# 858
Delta R.T. -0.00 min
Lab File: BF077660.D
Acq: 10 Mar 2015 14:49

Tgt Ion:165 Resp: 82060
Ion Ratio Lower Upper
165 100
63 32.3 25.2 37.8
89 37.3 30.5 45.7



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: 42.64 ng

RT: 10.97 min Scan# 882

Delta R.T. -0.00 min

Lab File: BF077660.D

Acq: 10 Mar 2015 14:49

Instrument :

BNA_F

ClientSampleId :

PB81894BSD

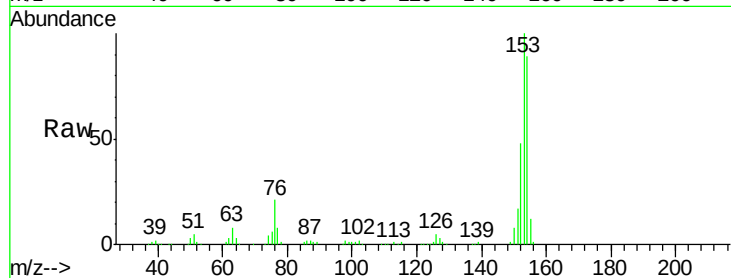
Tgt Ion:154 Resp: 283525

Ion Ratio Lower Upper

154 100

153 113.0 90.5 135.7

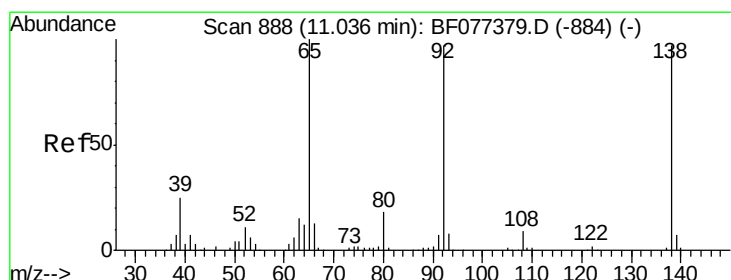
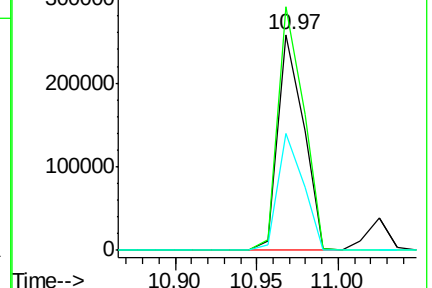
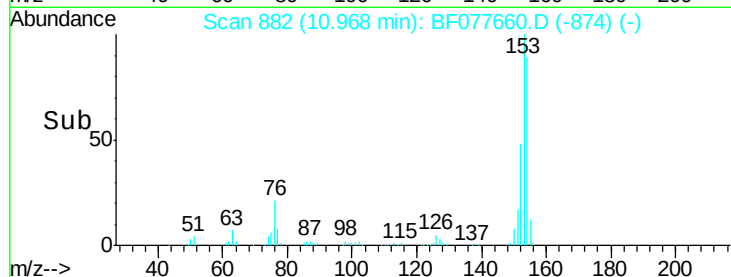
152 54.5 43.5 65.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 25.05 ng

RT: 10.89 min Scan# 875

Delta R.T. -0.00 min

Lab File: BF077660.D

Acq: 10 Mar 2015 14:49

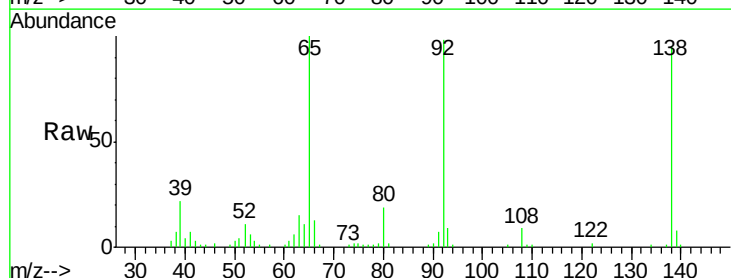
Tgt Ion:138 Resp: 48227

Ion Ratio Lower Upper

138 100

108 9.9 7.8 11.8

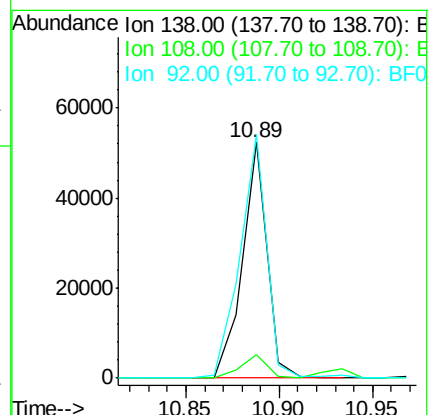
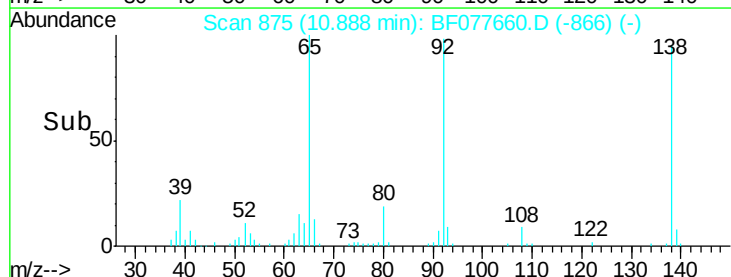
92 103.3 90.6 135.8

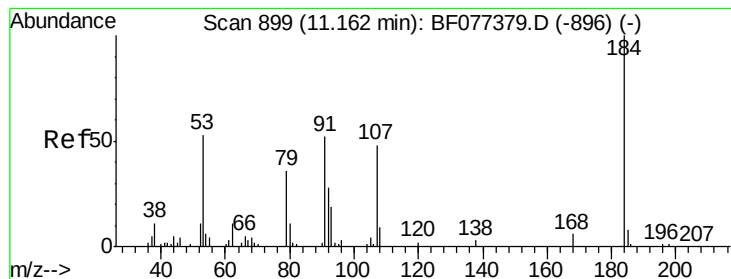


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 118.86 ng

RT: 11.02 min Scan# 887

Delta R.T. -0.00 min

Lab File: BF077660.D

Acq: 10 Mar 2015 14:49

Instrument :

BNA_F

ClientSampleId :

PB81894BSD

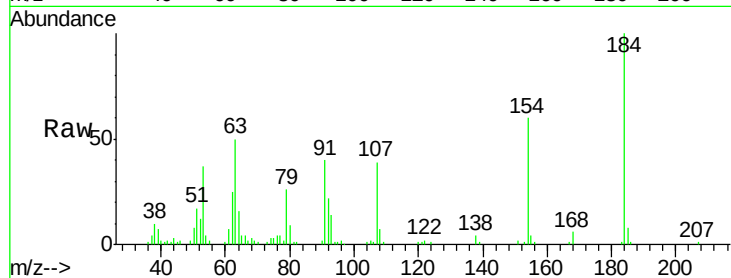
Tgt Ion:184 Resp: 60394

Ion Ratio Lower Upper

184 100

63 49.6 29.5 44.3#

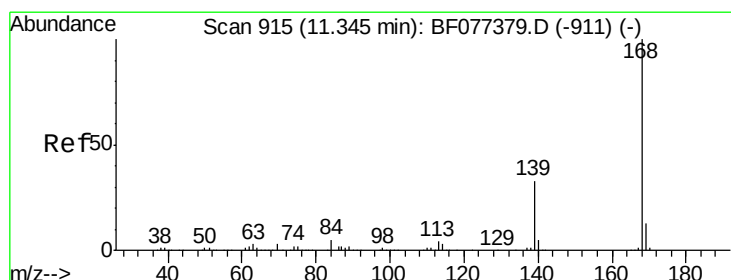
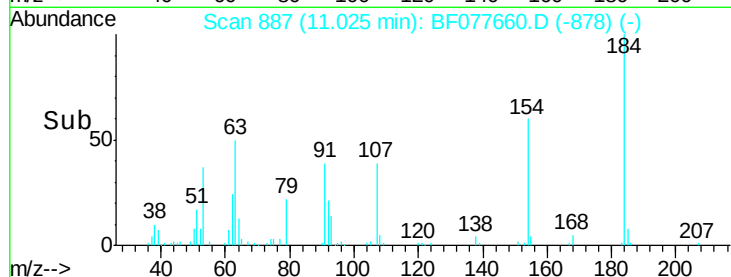
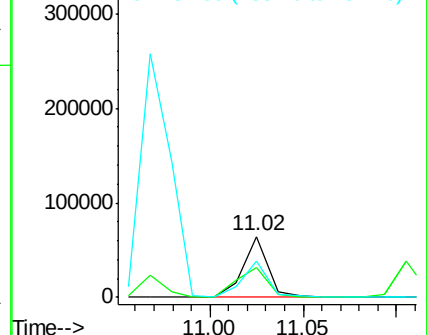
154 60.2 43.2 64.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 43.39 ng

RT: 11.19 min Scan# 901

Delta R.T. -0.00 min

Lab File: BF077660.D

Acq: 10 Mar 2015 14:49

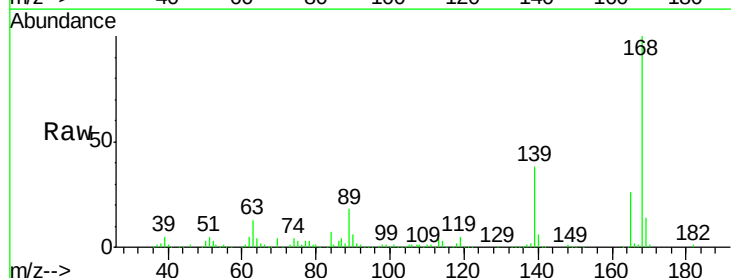
Tgt Ion:168 Resp: 445449

Ion Ratio Lower Upper

168 100

139 37.8 29.3 43.9

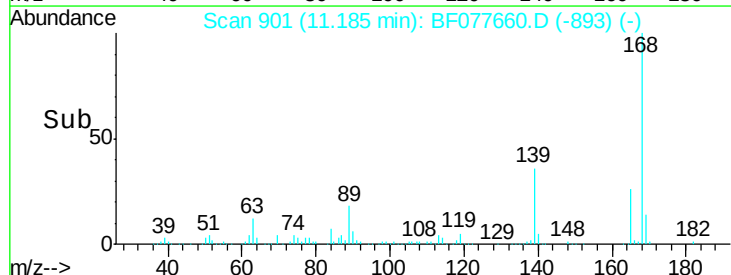
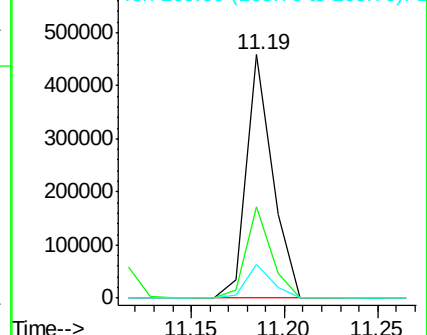
169 13.7 10.9 16.3

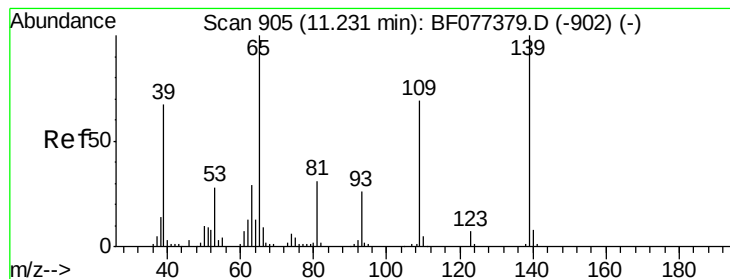


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 86.17 ng

RT: 11.11 min Scan# 894

Delta R.T. 0.00 min

Lab File: BF077660.D

Acq: 10 Mar 2015 14:49

Instrument :

BNA_F

ClientSampleId :

PB81894BSD

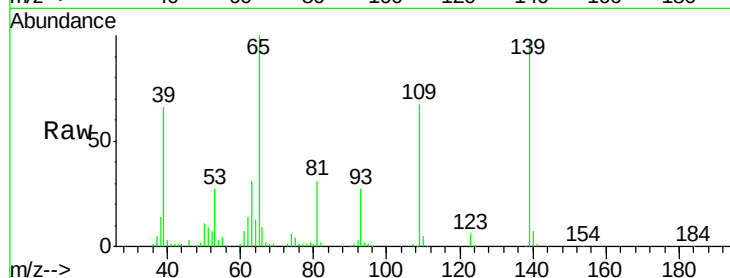
Tgt Ion:139 Resp: 133436

Ion Ratio Lower Upper

139 100

109 68.7 36.2 76.2

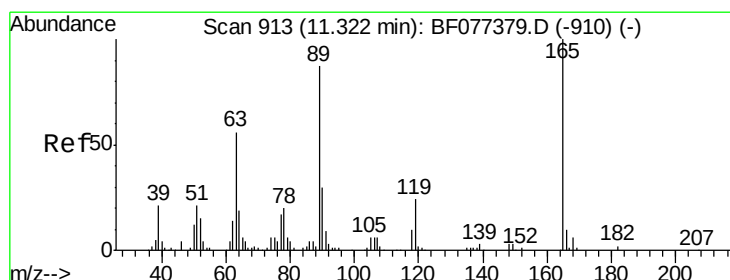
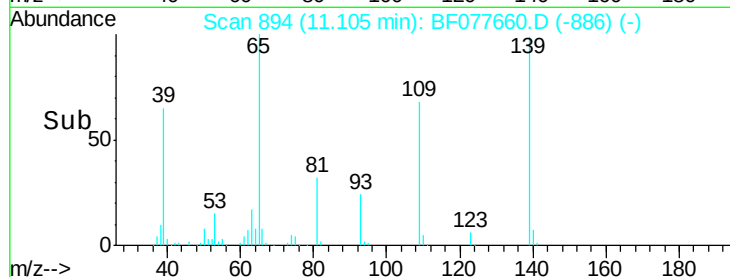
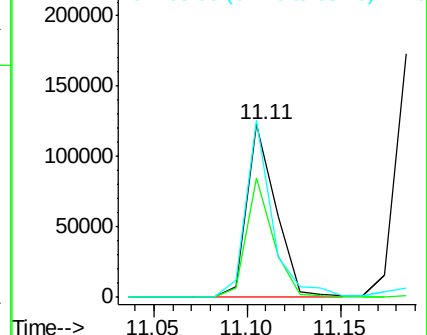
65 102.2 40.3 80.3#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 49.42 ng

RT: 11.18 min Scan# 901

Delta R.T. -0.00 min

Lab File: BF077660.D

Acq: 10 Mar 2015 14:49

Tgt Ion:165 Resp: 111518

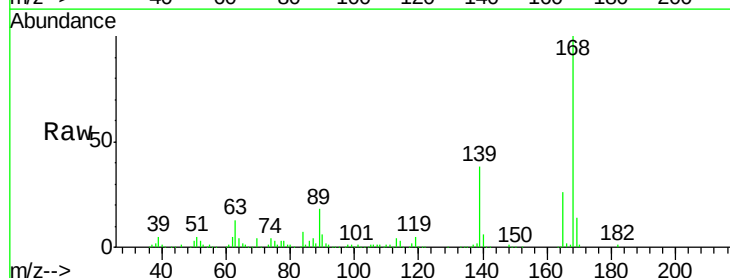
Ion Ratio Lower Upper

165 100

63 50.6 29.8 44.8#

89 70.1 48.5 72.7

182 2.2 1.9 2.9

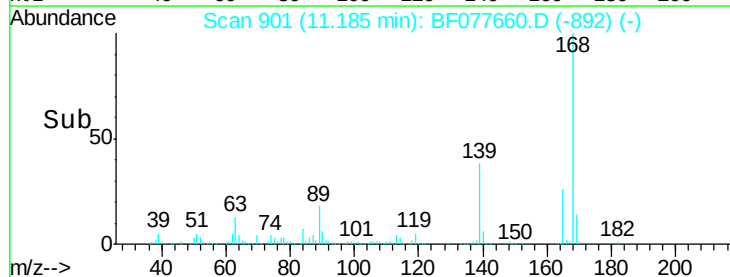
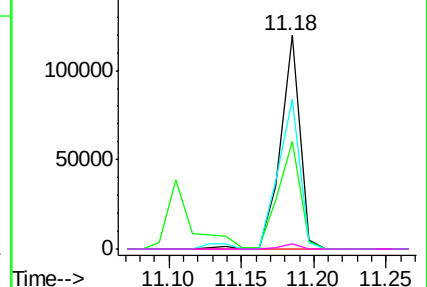


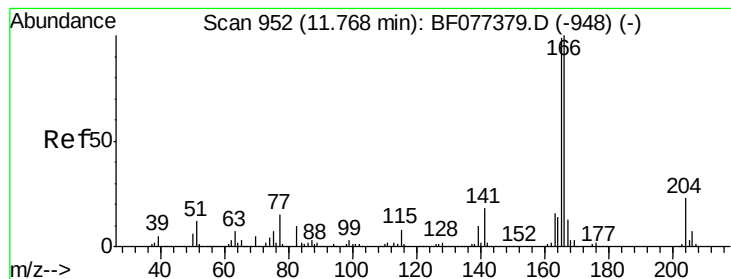
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 43.85 ng

RT: 11.61 min Scan# 938

Delta R.T. -0.00 min

Lab File: BF077660.D

Acq: 10 Mar 2015 14:49

Instrument :

BNA_F

ClientSampleId :

PB81894BSD

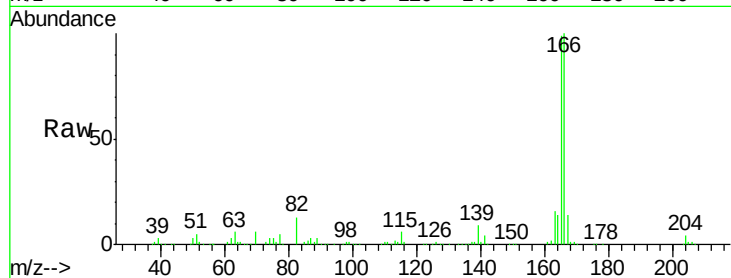
Tgt Ion:166 Resp: 359915

Ion Ratio Lower Upper

166 100

165 99.3 77.6 116.4

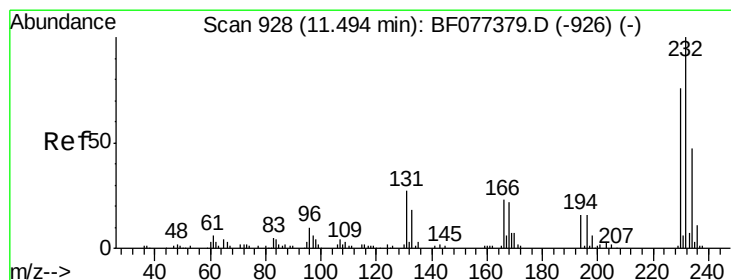
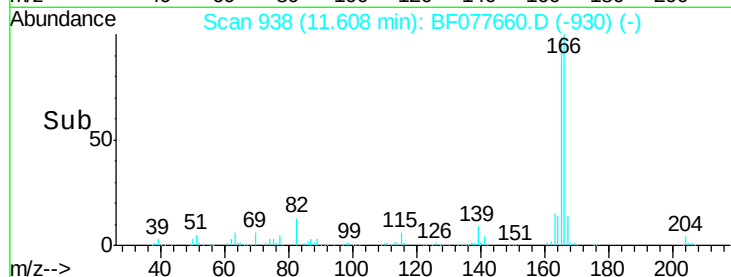
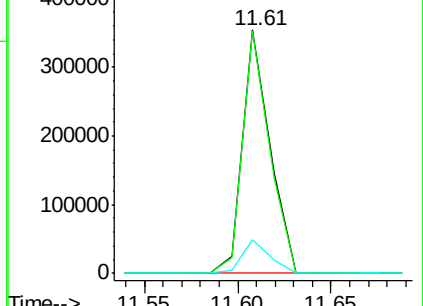
167 13.7 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 45.69 ng

RT: 11.34 min Scan# 915

Delta R.T. -0.00 min

Lab File: BF077660.D

Acq: 10 Mar 2015 14:49

Tgt Ion:232 Resp: 88406

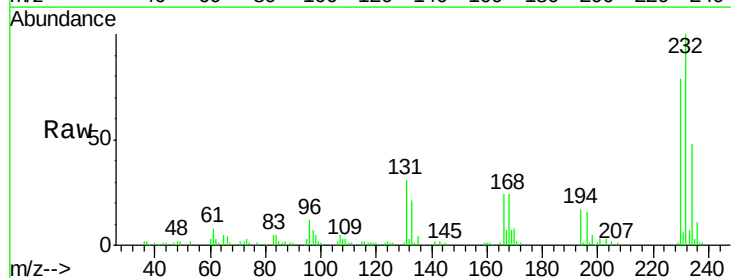
Ion Ratio Lower Upper

232 100

131 46.0 34.2 51.2

130 2.1 1.8 2.6

166 31.2 24.3 36.5

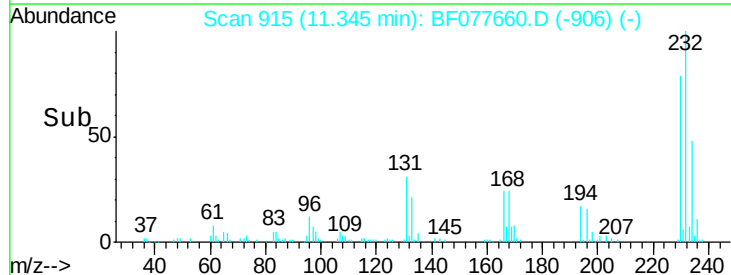
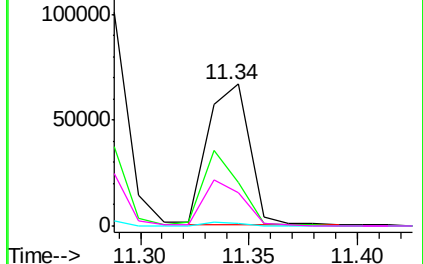


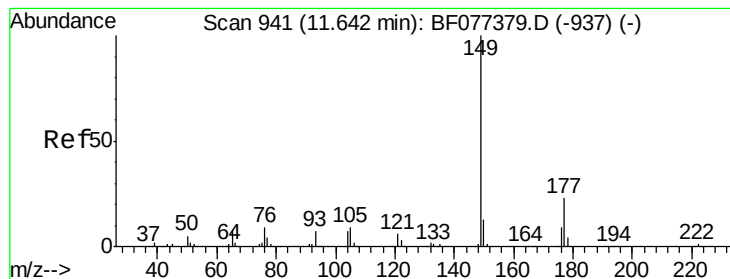
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 44.33 ng

RT: 11.49 min Scan# 928

Delta R.T. -0.00 min

Lab File: BF077660.D

Acq: 10 Mar 2015 14:49

Instrument :

BNA_F

ClientSampleId :

PB81894BSD

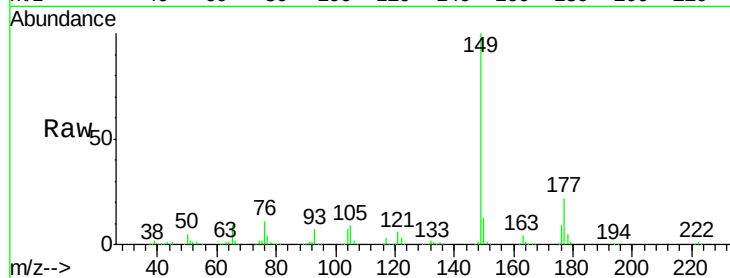
Tgt Ion:149 Resp: 363936

Ion Ratio Lower Upper

149 100

177 21.9 17.2 25.8

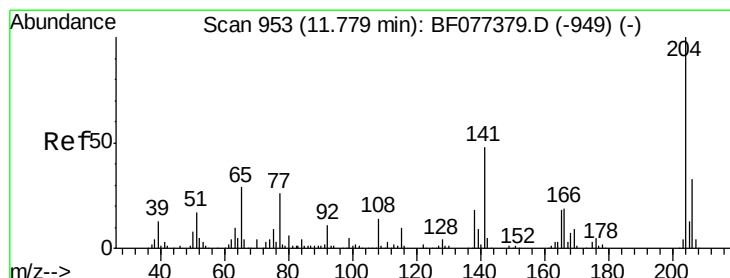
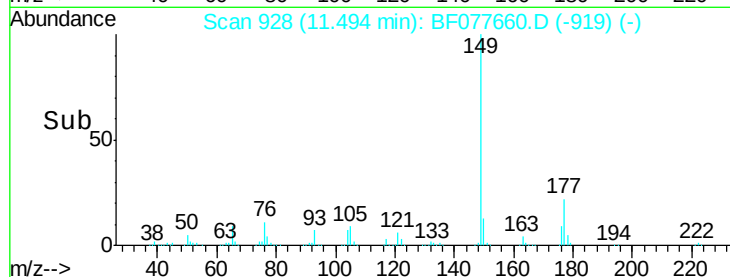
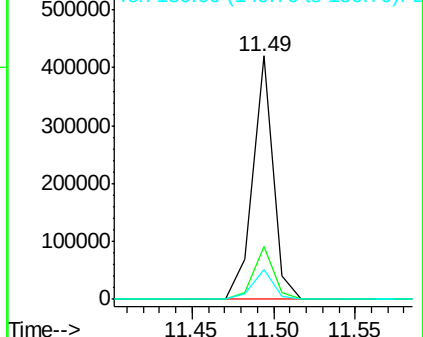
150 12.5 10.5 15.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 42.80 ng

RT: 11.62 min Scan# 939

Delta R.T. -0.00 min

Lab File: BF077660.D

Acq: 10 Mar 2015 14:49

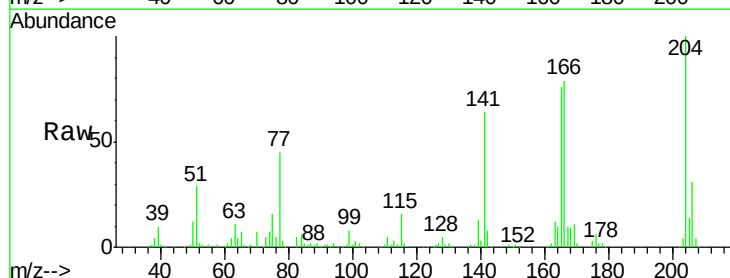
Tgt Ion:204 Resp: 169253

Ion Ratio Lower Upper

204 100

206 31.3 25.9 38.9

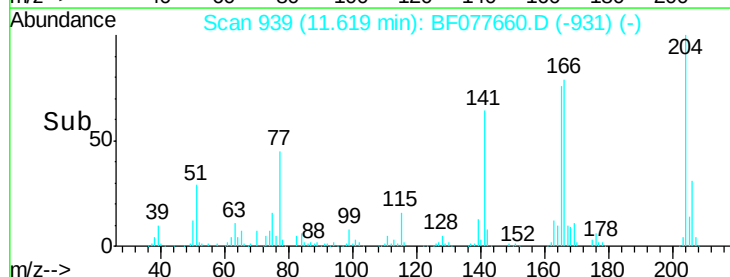
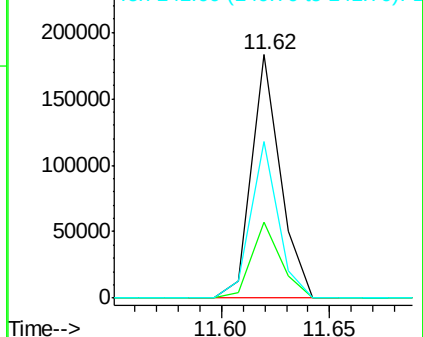
141 64.1 43.6 65.4

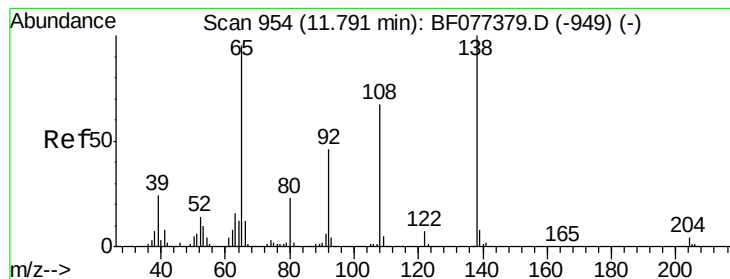


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 45.93 ng

RT: 11.64 min Scan# 941

Delta R.T. -0.00 min

Lab File: BF077660.D

Acq: 10 Mar 2015 14:49

Instrument :

BNA_F

ClientSampleId :

PB81894BSD

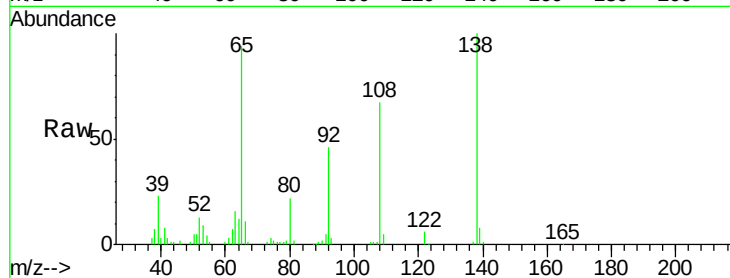
Tgt Ion:138 Resp: 84746

Ion Ratio Lower Upper

138 100

92 46.0 32.8 72.8

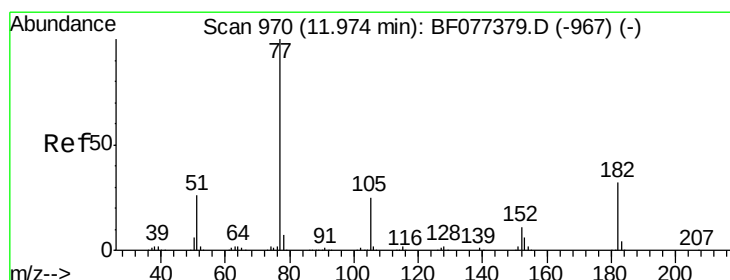
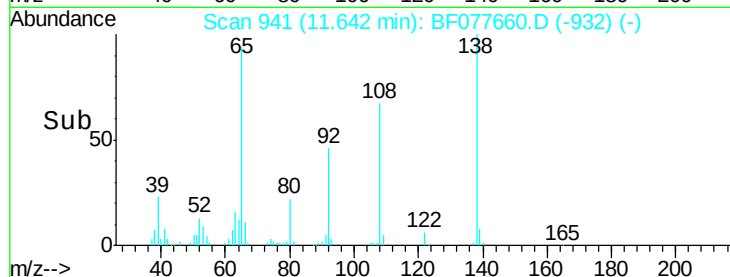
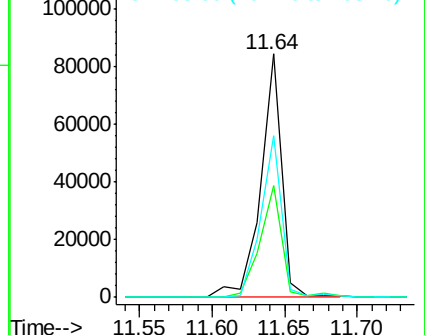
108 66.7 52.1 92.1



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 43.91 ng

RT: 11.82 min Scan# 956

Delta R.T. -0.00 min

Lab File: BF077660.D

Acq: 10 Mar 2015 14:49

Tgt Ion: 77 Resp: 341951

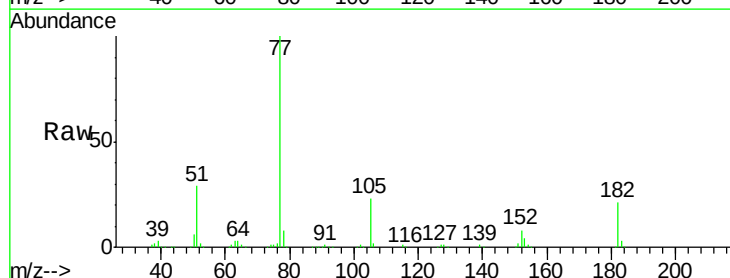
Ion Ratio Lower Upper

77 100

182 20.6 4.9 44.9

105 22.5 3.3 43.3

51 28.8 8.9 48.9

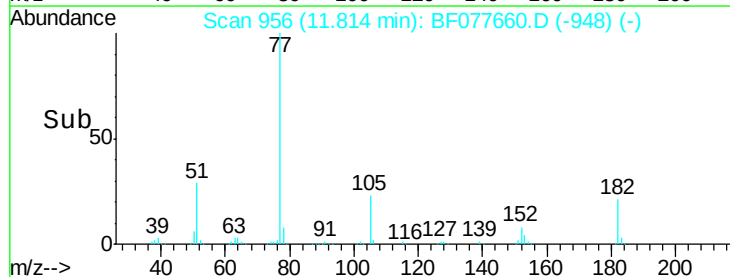
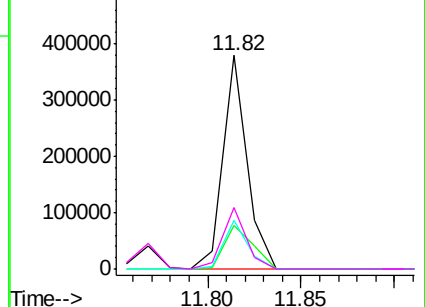


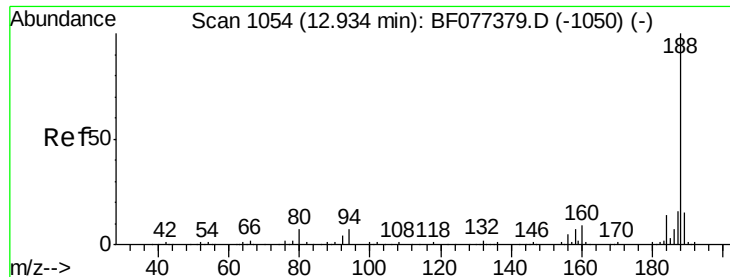
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

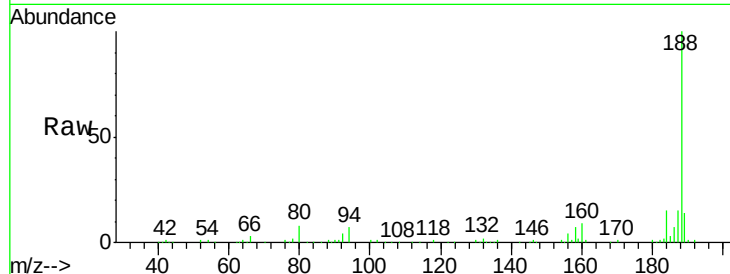




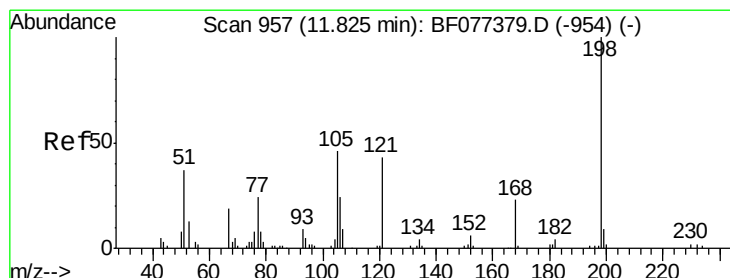
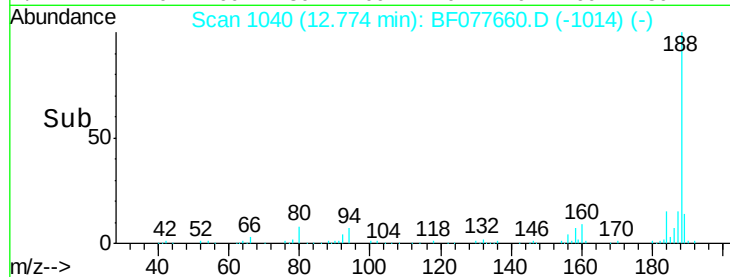
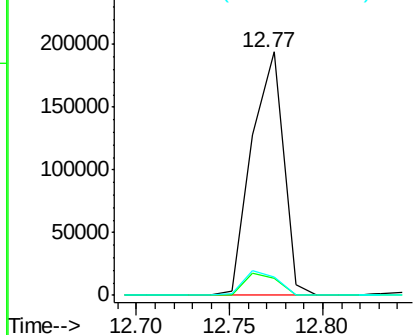
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.77 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF077660.D
Acq: 10 Mar 2015 14:49

Instrument :
BNA_F
ClientSampleId :
PB81894BSD

Tgt Ion:188 Resp: 229471
Ion Ratio Lower Upper
188 100
94 7.0 7.4 11.2#
80 7.5 8.0 12.0#

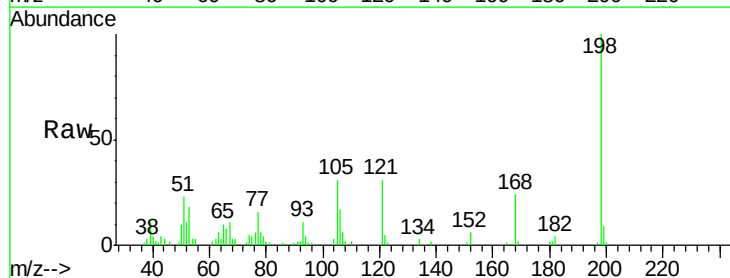


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

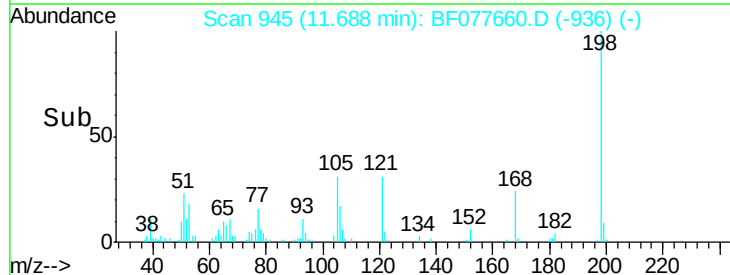
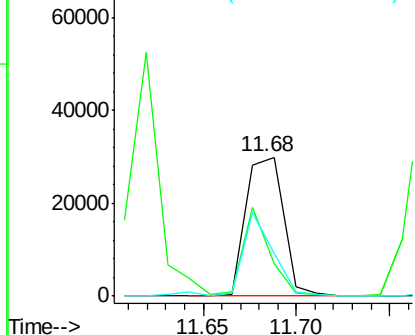


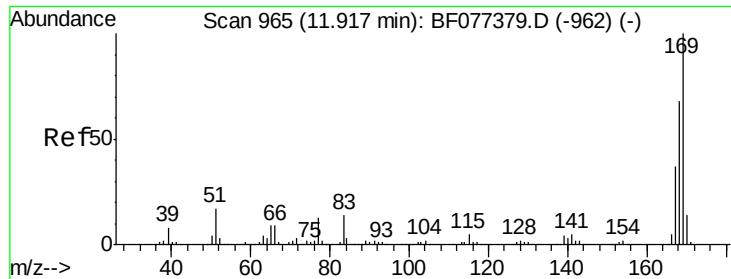
#64
4,6-Dinitro-2-methylphenol
Concen: 46.01 ng
RT: 11.68 min Scan# 945
Delta R.T. -0.00 min
Lab File: BF077660.D
Acq: 10 Mar 2015 14:49

Tgt Ion:198 Resp: 41971
Ion Ratio Lower Upper
198 100
51 23.3 2.7 42.7
105 30.8 10.0 50.0



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

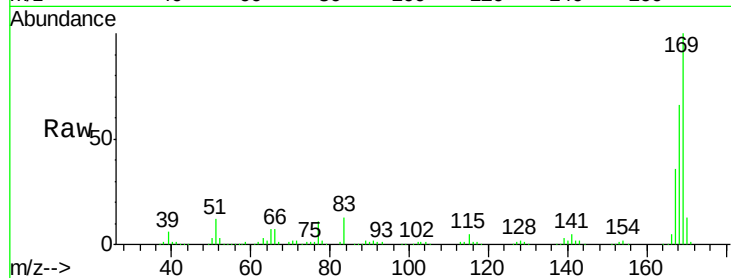




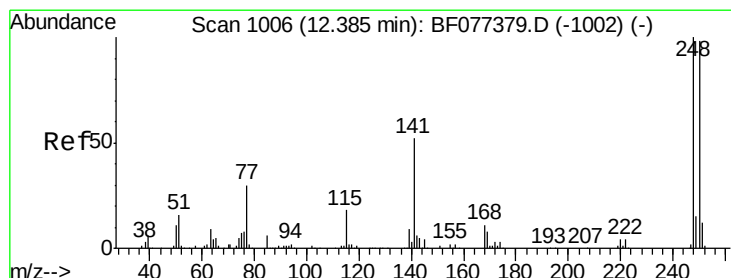
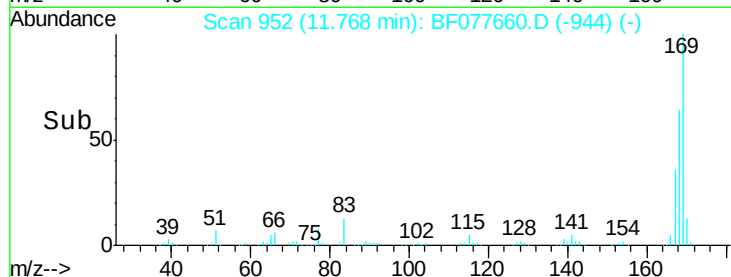
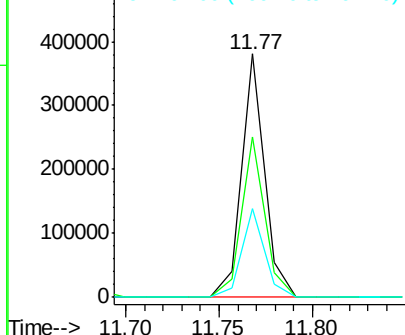
#65
 n-Nitrosodiphenylamine
 Concen: 43.10 ng
 RT: 11.77 min Scan# 952
 Delta R.T. -0.00 min
 Lab File: BF077660.D
 Acq: 10 Mar 2015 14:49

Instrument :
 BNA_F
 ClientSampleId :
 PB81894BSD

Tgt Ion:169 Resp: 328133
 Ion Ratio Lower Upper
 169 100
 168 66.1 53.0 79.6
 167 36.2 29.5 44.3

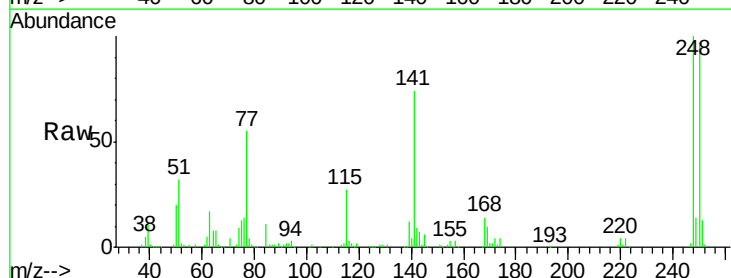


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

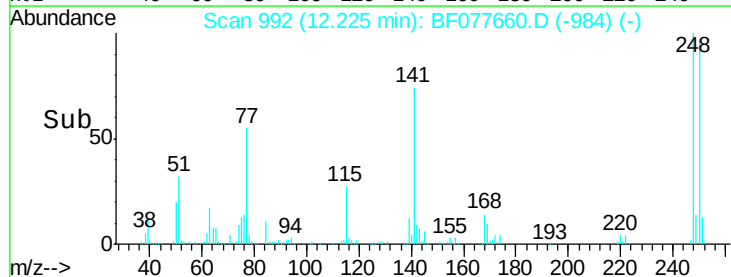
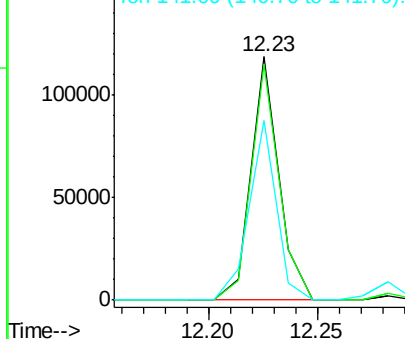


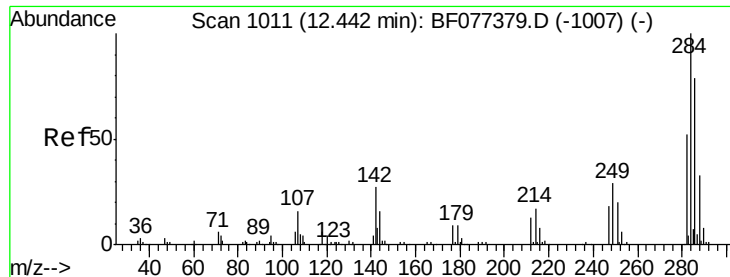
#66
 4-Bromophenyl-phenylether
 Concen: 39.13 ng
 RT: 12.23 min Scan# 992
 Delta R.T. -0.00 min
 Lab File: BF077660.D
 Acq: 10 Mar 2015 14:49

Tgt Ion:248 Resp: 105159
 Ion Ratio Lower Upper
 248 100
 250 97.1 78.0 117.0
 141 73.9 54.1 81.1



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

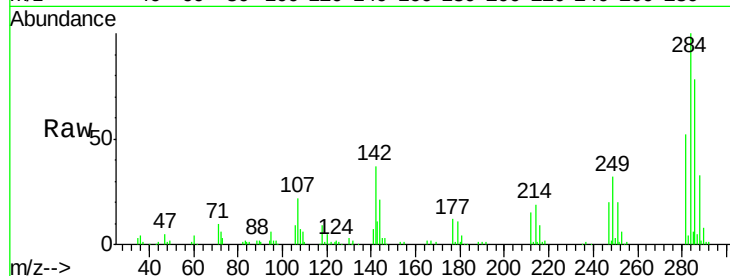




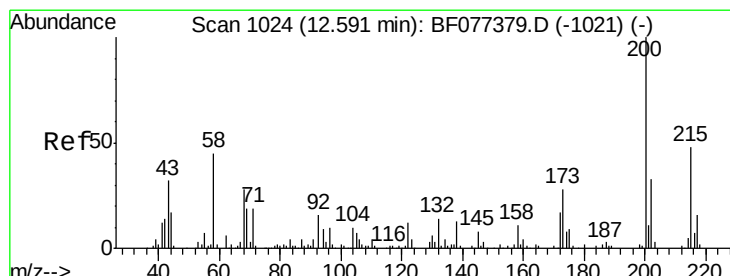
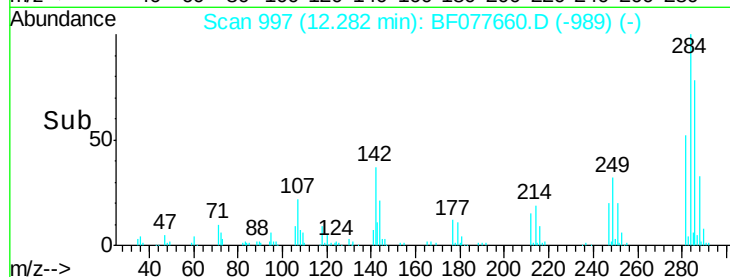
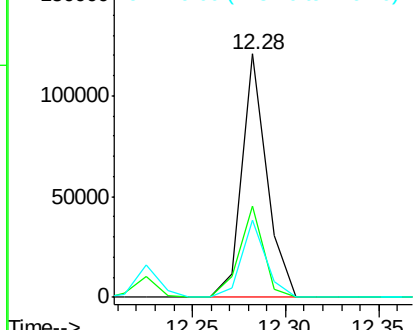
#67
Hexachlorobenzene
Concen: 38.77 ng
RT: 12.28 min Scan# 997
Delta R.T. -0.00 min
Lab File: BF077660.D
Acq: 10 Mar 2015 14:49

Instrument :
BNA_F
ClientSampleId :
PB81894BSD

Tgt Ion:284 Resp: 111833
Ion Ratio Lower Upper
284 100
142 37.3 31.6 47.4
249 31.8 27.0 40.4

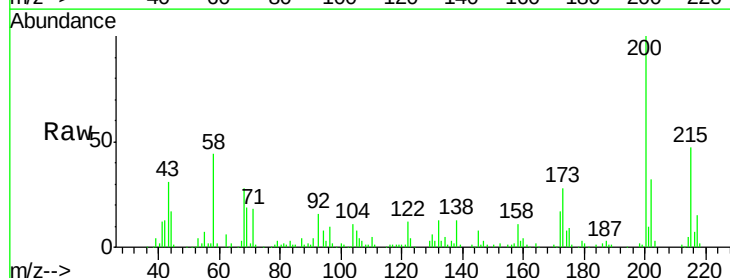


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

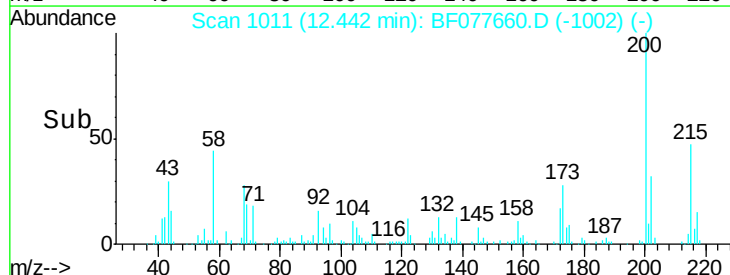
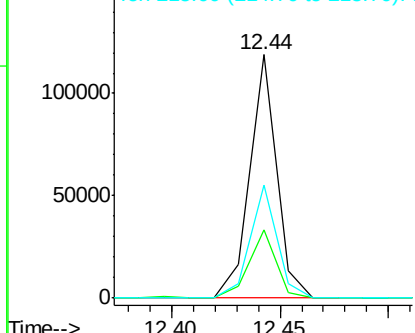


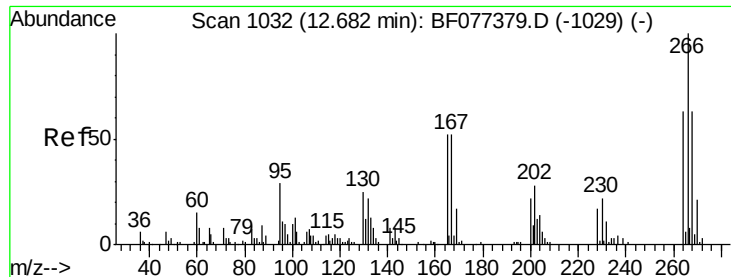
#68
Atrazine
Concen: 41.21 ng
RT: 12.44 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BF077660.D
Acq: 10 Mar 2015 14:49

Tgt Ion:200 Resp: 102011
Ion Ratio Lower Upper
200 100
173 28.1 9.6 49.6
215 46.7 24.4 64.4



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

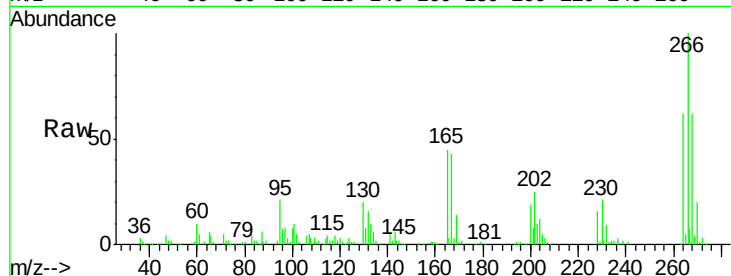




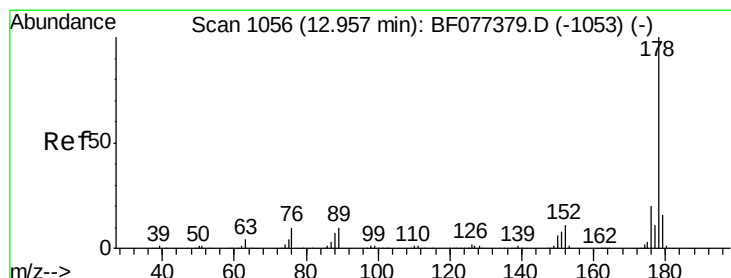
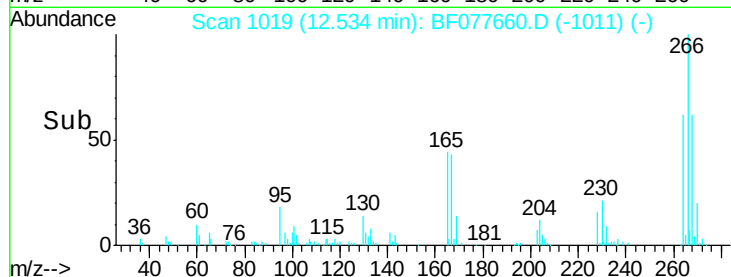
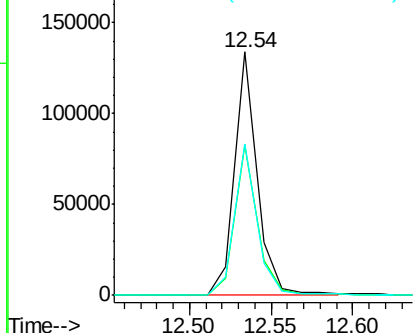
#69
 Pentachlorophenol
 Concen: 84.41 ng
 RT: 12.54 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BF077660.D
 Acq: 10 Mar 2015 14:49

Instrument :
 BNA_F
 ClientSampleId :
 PB81894BSD

Tgt Ion: 266 Resp: 127957
 Ion Ratio Lower Upper
 266 100
 268 61.6 51.2 76.8
 264 62.4 50.7 76.1

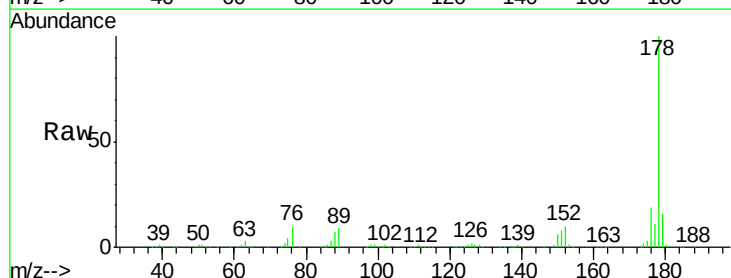


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

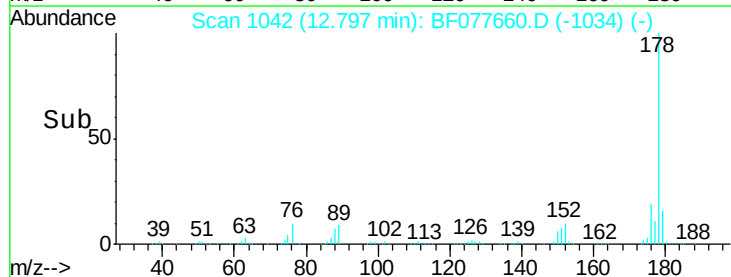
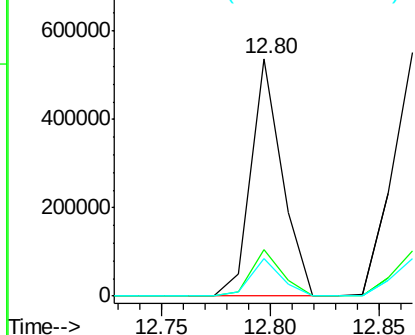


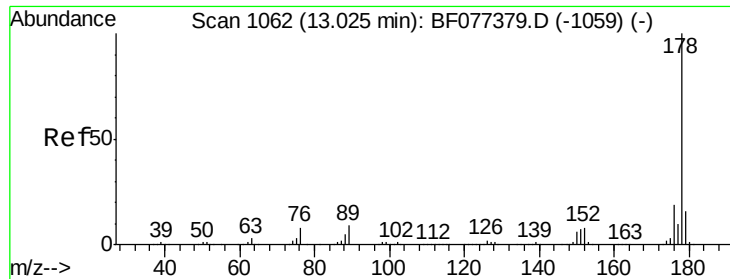
#70
 Phenanthrene
 Concen: 40.12 ng
 RT: 12.80 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BF077660.D
 Acq: 10 Mar 2015 14:49

Tgt Ion: 178 Resp: 533652
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.5 23.3
 179 15.9 12.2 18.2



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

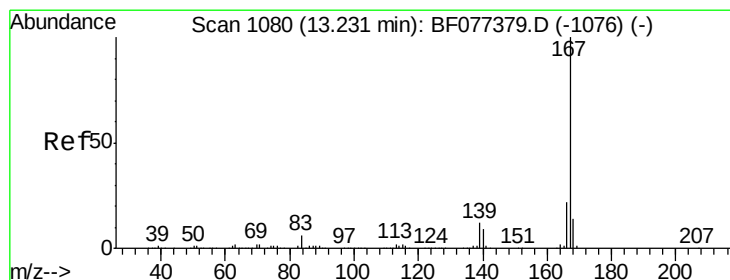
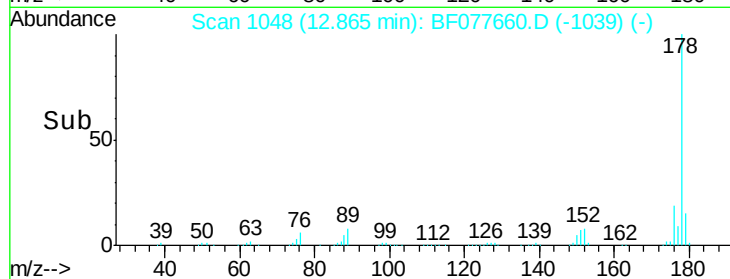
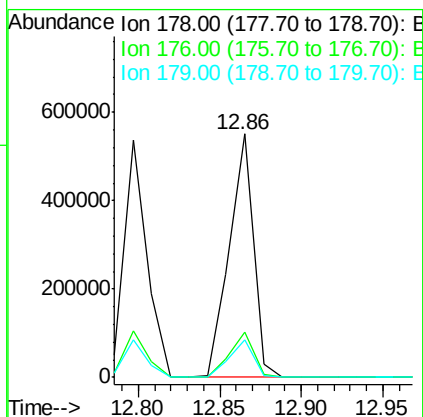
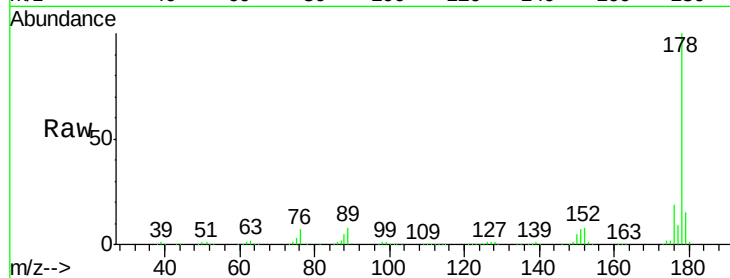




#71
 Anthracene
 Concen: 42.57 ng
 RT: 12.86 min Scan# 1048
 Delta R.T. -0.00 min
 Lab File: BF077660.D
 Acq: 10 Mar 2015 14:49

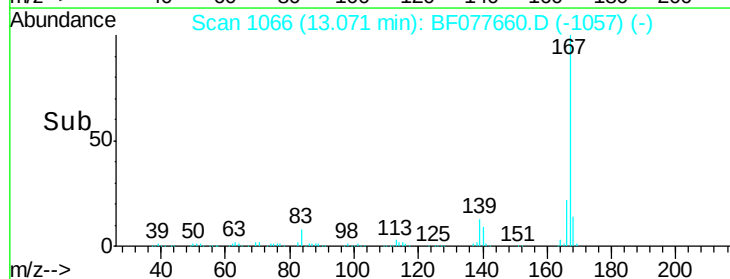
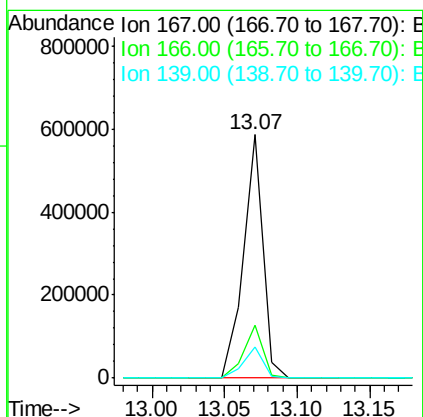
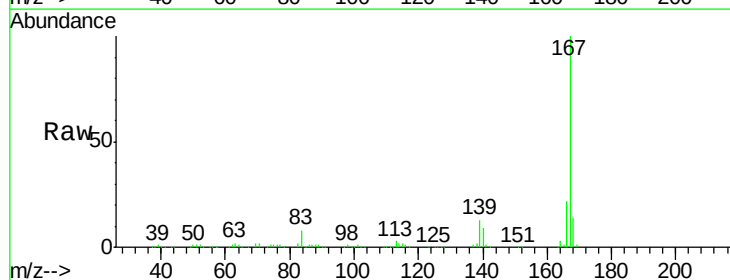
Instrument :
 BNA_F
 ClientSampleId :
 PB81894BSD

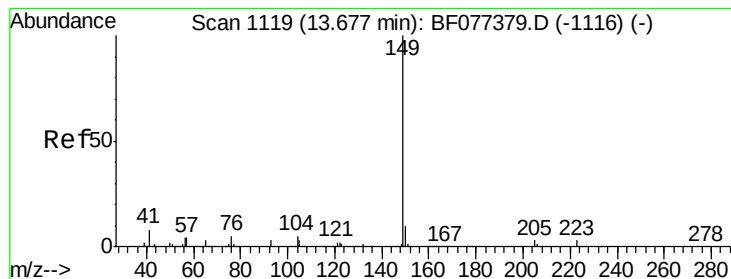
Tgt Ion:178 Resp: 561881
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.4 23.0
 179 15.3 12.9 19.3



#72
 Carbazole
 Concen: 43.75 ng
 RT: 13.07 min Scan# 1066
 Delta R.T. -0.00 min
 Lab File: BF077660.D
 Acq: 10 Mar 2015 14:49

Tgt Ion:167 Resp: 549041
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.6 26.4
 139 12.6 9.9 14.9





#73

Di-n-butylphthalate

Concen: 37.06 ng

RT: 13.52 min Scan# 1106

Delta R.T. -0.00 min

Lab File: BF077660.D

Acq: 10 Mar 2015 14:49

Instrument :

BNA_F

ClientSampleId :

PB81894BSD

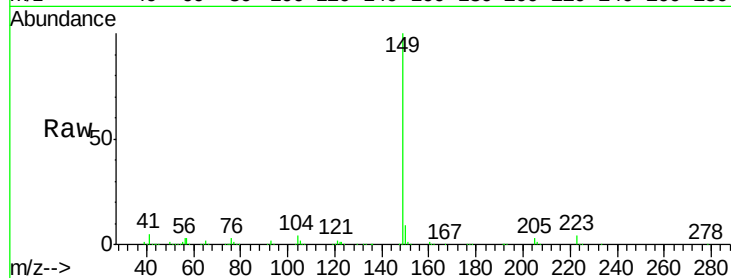
Tgt Ion:149 Resp: 546155

Ion Ratio Lower Upper

149 100

150 8.9 7.8 11.8

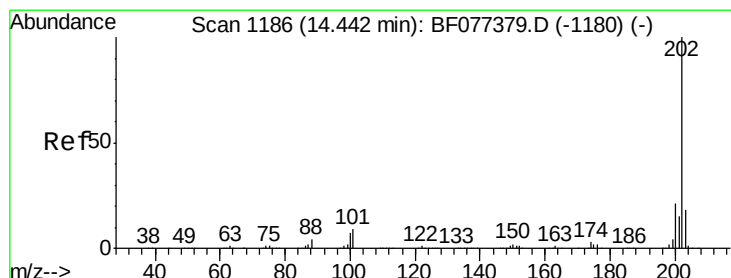
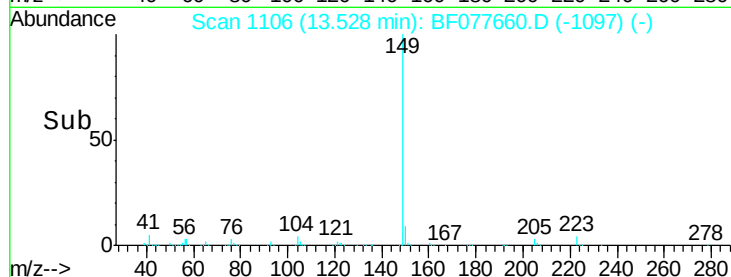
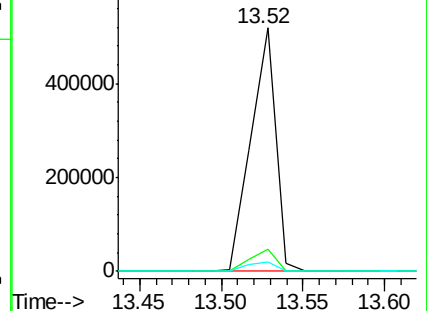
104 3.8 4.1 6.1#



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: 37.43 ng

RT: 14.27 min Scan# 1171

Delta R.T. -0.00 min

Lab File: BF077660.D

Acq: 10 Mar 2015 14:49

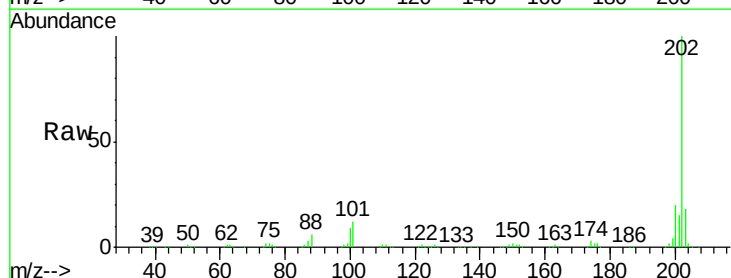
Tgt Ion:202 Resp: 543793

Ion Ratio Lower Upper

202 100

101 12.3 0.0 30.8

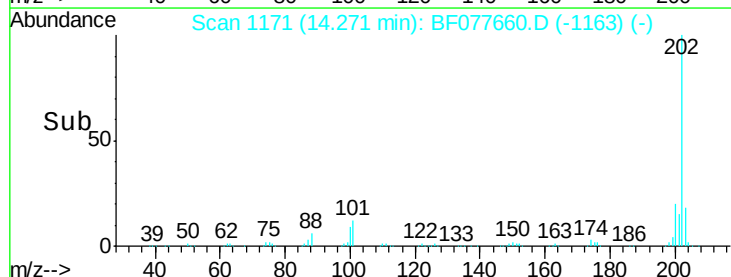
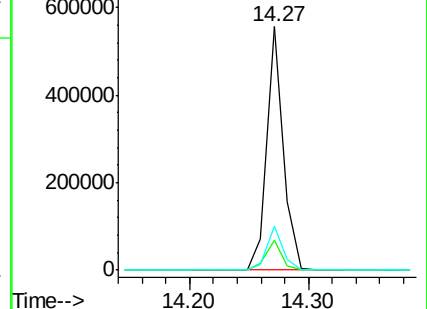
203 17.9 0.0 37.7

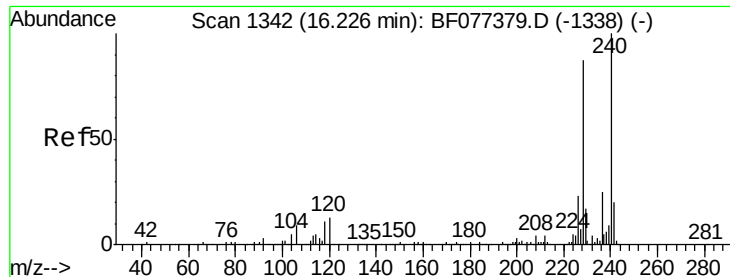


Abundance Ion 202.00 (201.70 to 202.70): E

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: 16.05 min Scan# 1327

Delta R.T. -0.03 min

Lab File: BF077660.D

Acq: 10 Mar 2015 14:49

Instrument :

BNA_F

ClientSampleId :

PB81894BSD

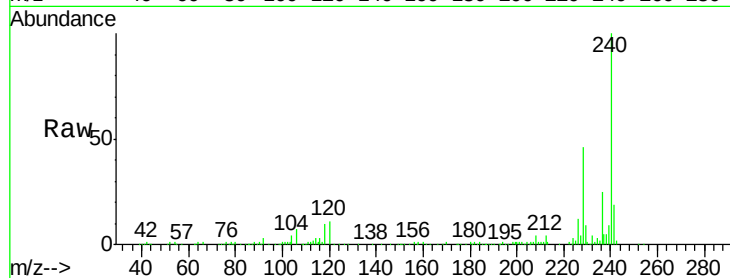
Tgt Ion:240 Resp: 230070

Ion Ratio Lower Upper

240 100

120 11.0 8.8 13.2

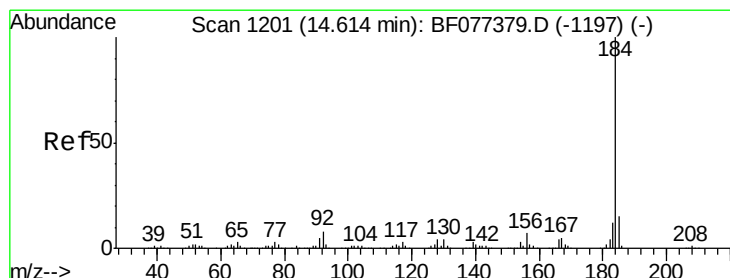
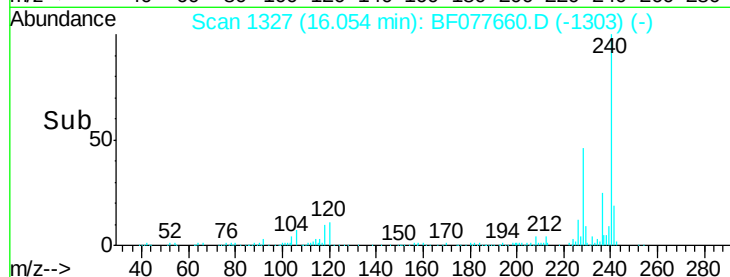
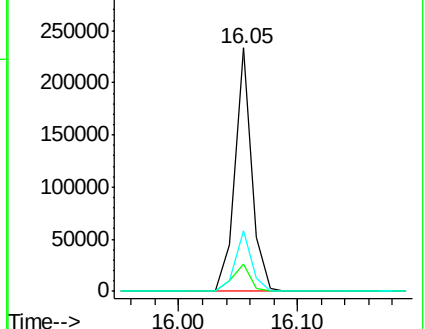
236 24.9 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 26.31 ng

RT: 14.46 min Scan# 1187

Delta R.T. -0.01 min

Lab File: BF077660.D

Acq: 10 Mar 2015 14:49

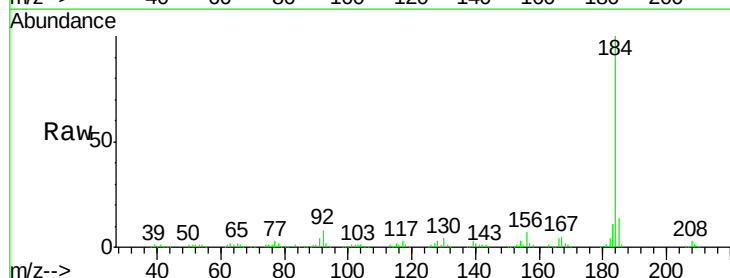
Tgt Ion:184 Resp: 204535

Ion Ratio Lower Upper

184 100

185 14.3 12.6 18.8

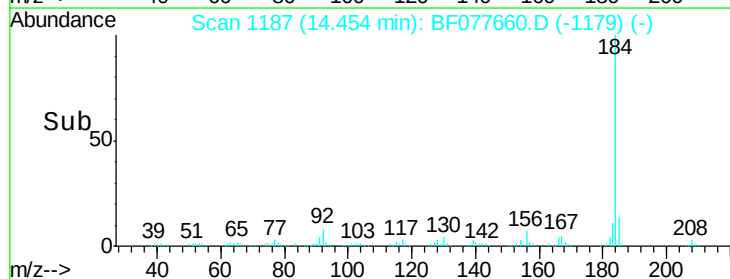
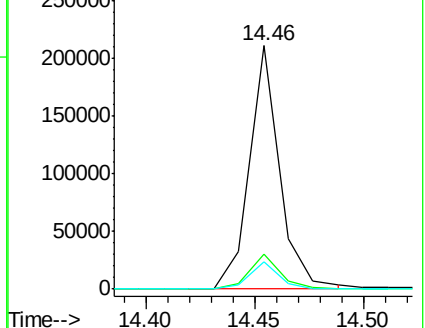
183 11.3 9.3 13.9

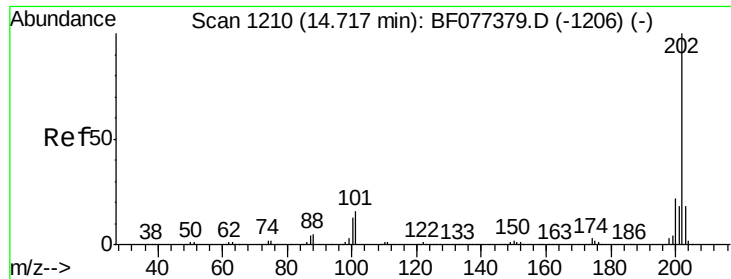


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

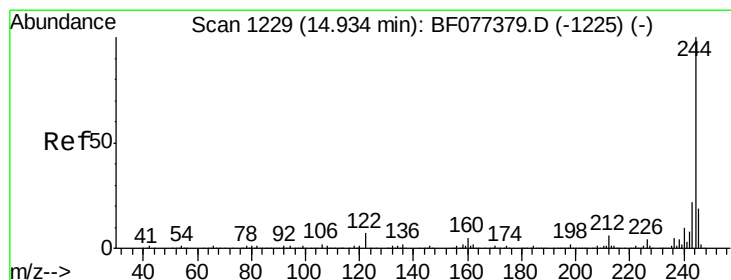
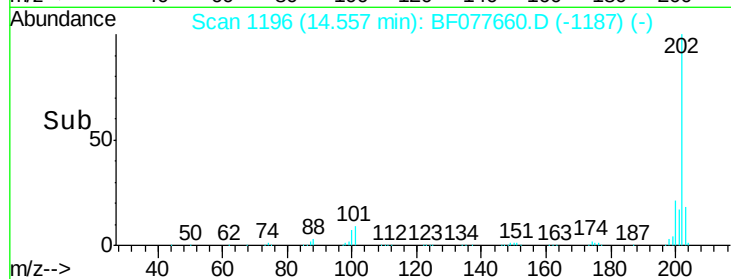
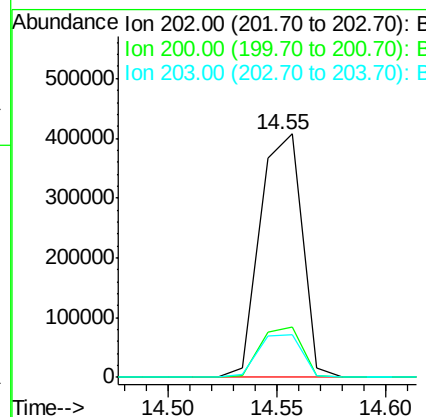
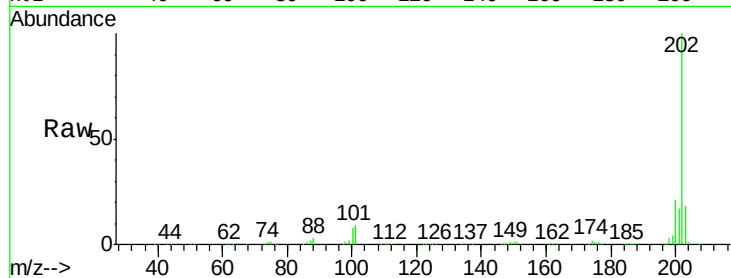




#77
 Pyrene
 Concen: 39.38 ng
 RT: 14.55 min Scan# 1196
 Delta R.T. -0.00 min
 Lab File: BF077660.D
 Acq: 10 Mar 2015 14:49

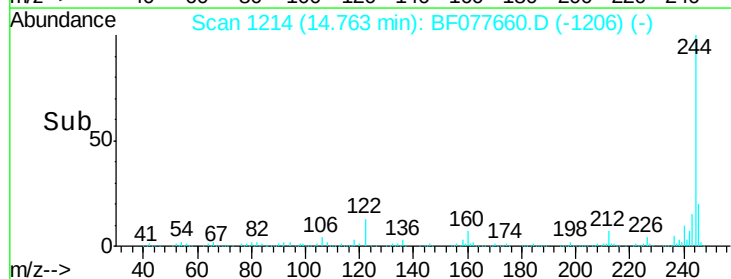
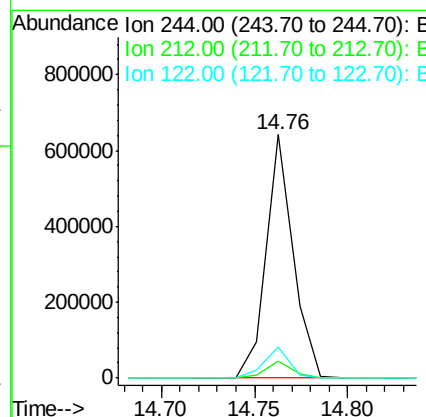
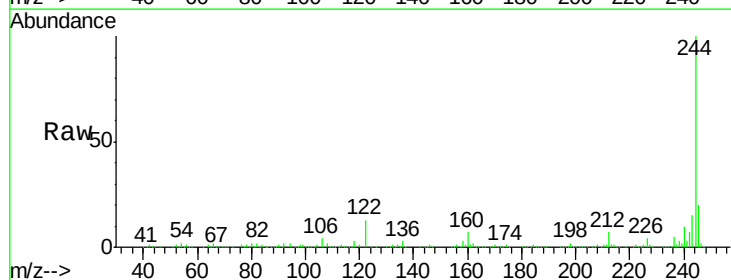
Instrument :
 BNA_F
 ClientSampleId :
 PB81894BSD

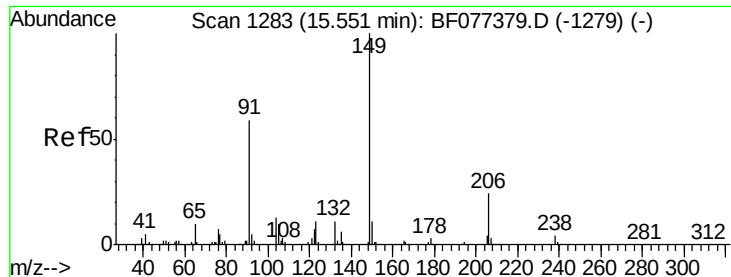
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.1	25.7
203	17.6	14.2	21.2



#78
 Terphenyl-d14
 Concen: 65.02 ng
 RT: 14.76 min Scan# 1214
 Delta R.T. -0.00 min
 Lab File: BF077660.D
 Acq: 10 Mar 2015 14:49

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.2	7.8
122	12.7	7.8	11.8

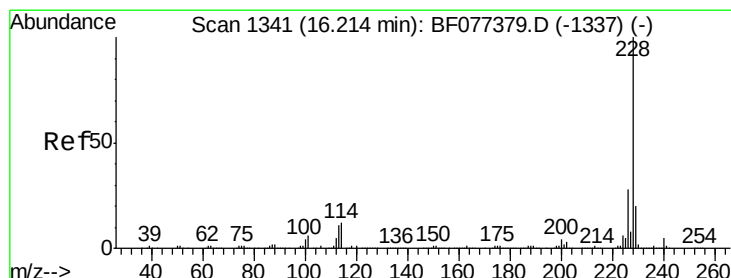
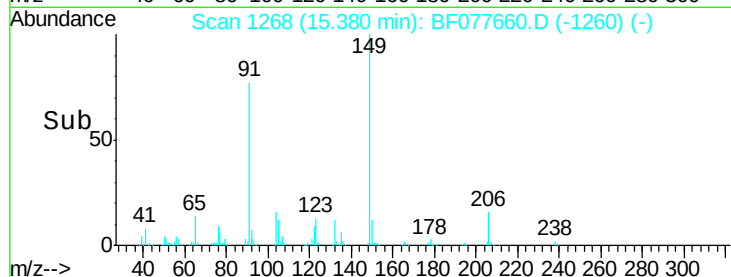
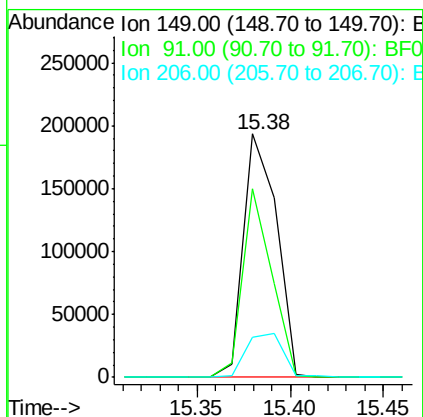
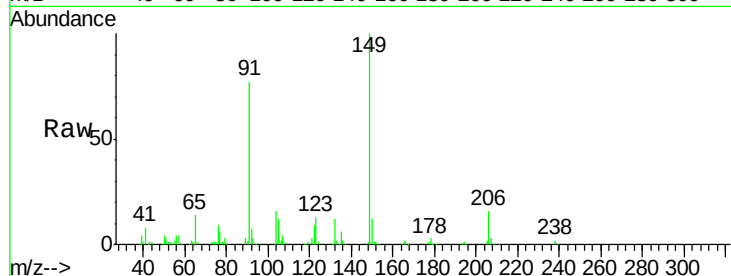




#79
Butylbenzylphthalate
Concen: 41.48 ng
RT: 15.38 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF077660.D
Acq: 10 Mar 2015 14:49

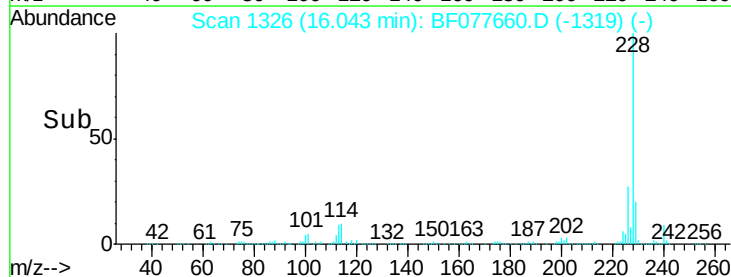
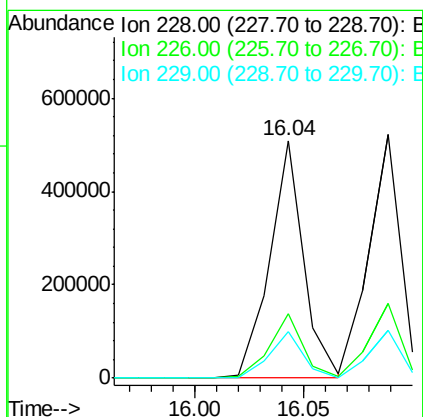
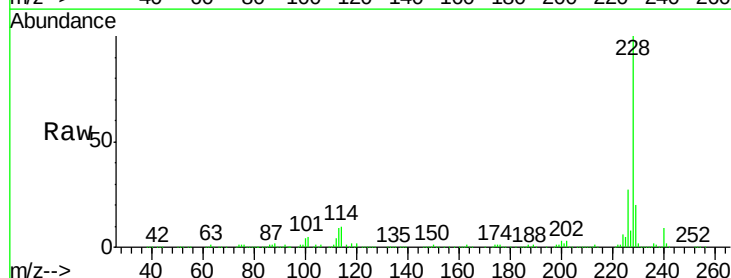
Instrument :
BNA_F
ClientSampleId :
PB81894BSD

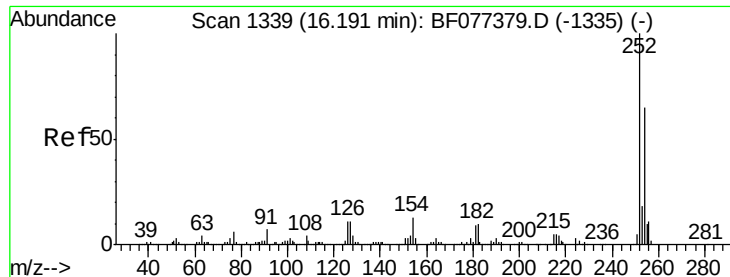
Tgt Ion:149 Resp: 240178
Ion Ratio Lower Upper
149 100
91 77.2 51.2 76.8#
206 16.4 17.8 26.8#



#80
Benzo(a)anthracene
Concen: 41.10 ng
RT: 16.04 min Scan# 1326
Delta R.T. -0.03 min
Lab File: BF077660.D
Acq: 10 Mar 2015 14:49

Tgt Ion:228 Resp: 554217
Ion Ratio Lower Upper
228 100
226 27.0 22.0 33.0
229 19.7 15.8 23.8

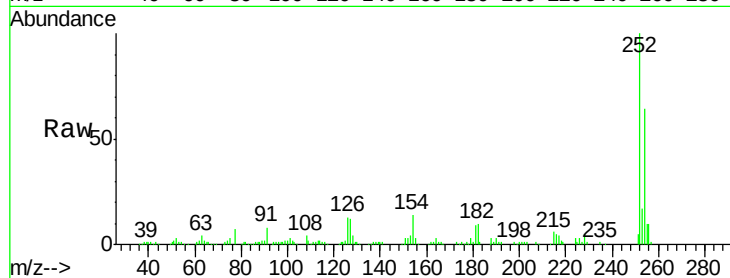




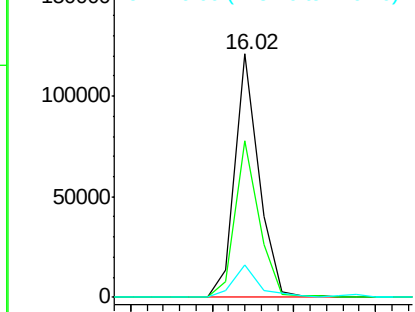
#81
 3,3'-Dichlorobenzidine
 Concen: 24.91 ng
 RT: 16.02 min Scan# 1324
 Delta R.T. -0.03 min
 Lab File: BF077660.D
 Acq: 10 Mar 2015 14:49

Instrument :
 BNA_F
 ClientSampleId :
 PB81894BSD

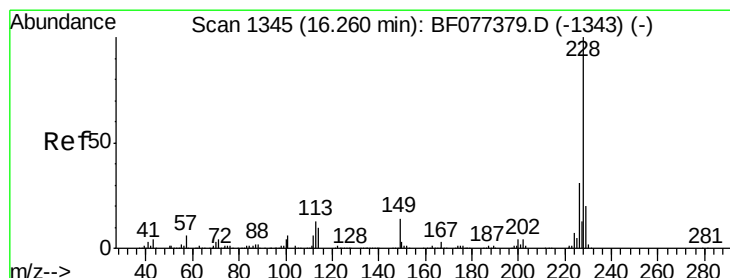
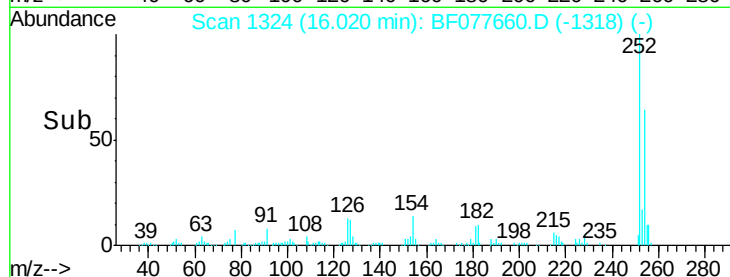
Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.4	52.9	79.3
126	13.1	7.3	10.9



Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

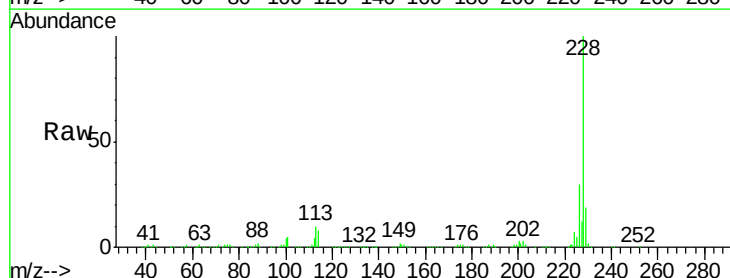


Time--> 15.95 16.00 16.05 16.10

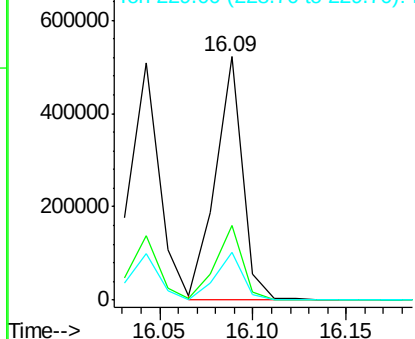


#82
 Chrysene
 Concen: 41.68 ng
 RT: 16.09 min Scan# 1330
 Delta R.T. -0.03 min
 Lab File: BF077660.D
 Acq: 10 Mar 2015 14:49

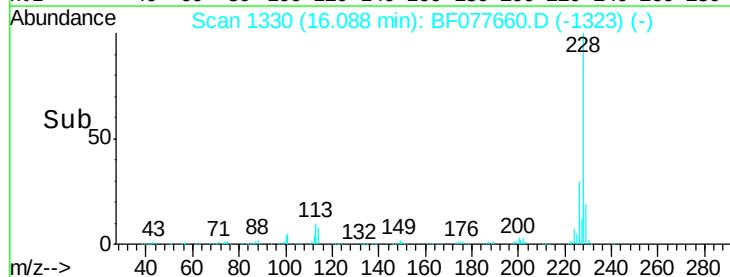
Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.9	37.3
229	19.4	16.4	24.6

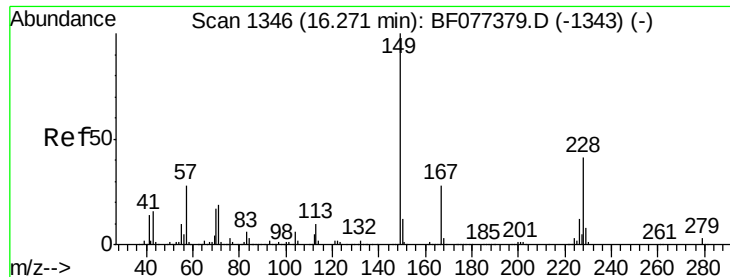


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E



Time--> 16.05 16.10 16.15

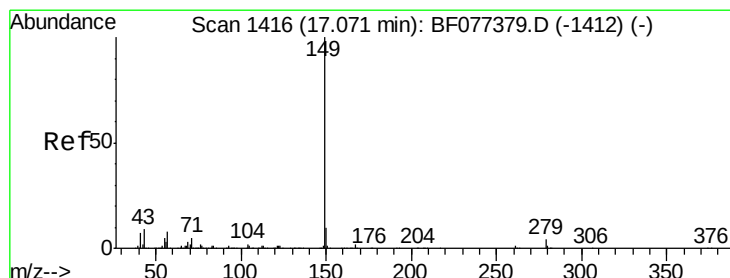
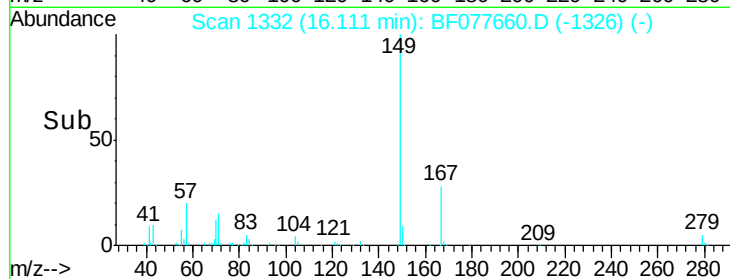
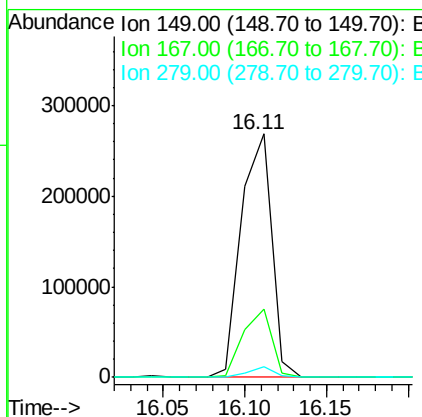
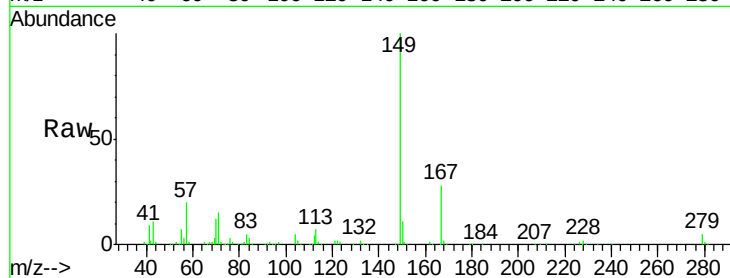




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.48 ng
 RT: 16.11 min Scan# 1332
 Delta R.T. -0.03 min
 Lab File: BF077660.D
 Acq: 10 Mar 2015 14:49

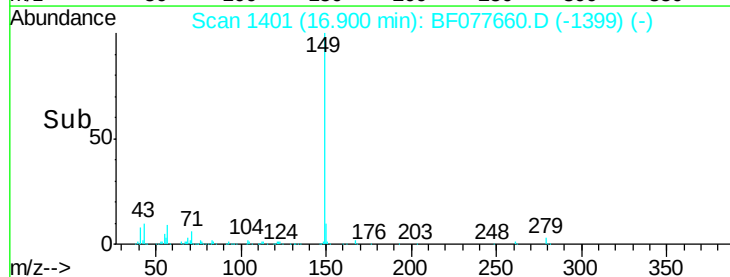
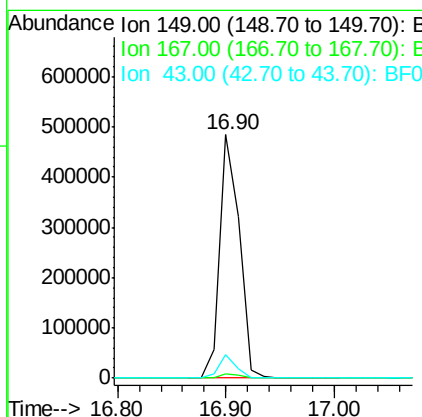
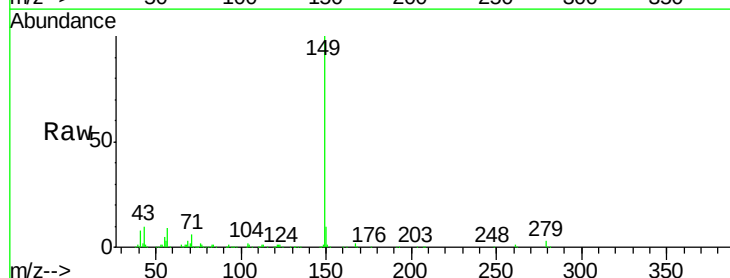
Instrument :
 BNA_F
 ClientSampleId :
 PB81894BSD

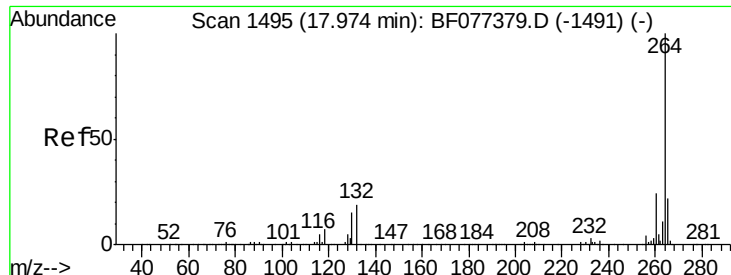
Tgt Ion:149 Resp: 348035
 Ion Ratio Lower Upper
 149 100
 167 28.0 22.8 34.2
 279 4.6 3.8 5.6



#84
 Di-n-octyl phthalate
 Concen: 39.25 ng
 RT: 16.90 min Scan# 1401
 Delta R.T. -0.07 min
 Lab File: BF077660.D
 Acq: 10 Mar 2015 14:49

Tgt Ion:149 Resp: 608386
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 8.5 8.1 12.1



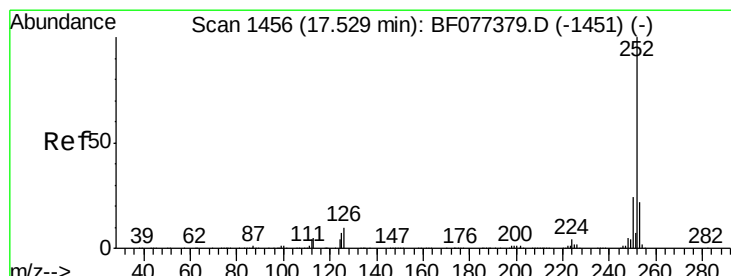
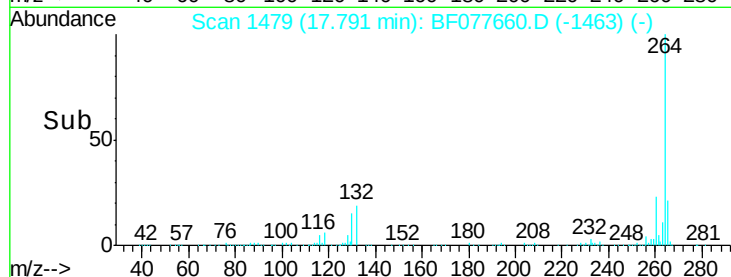
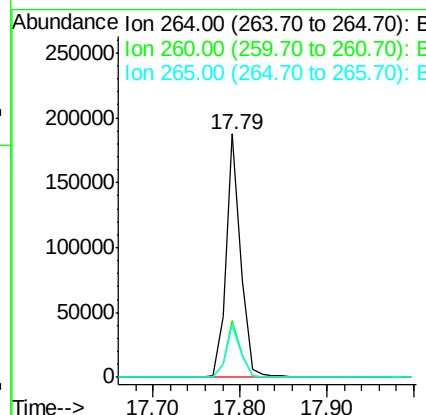
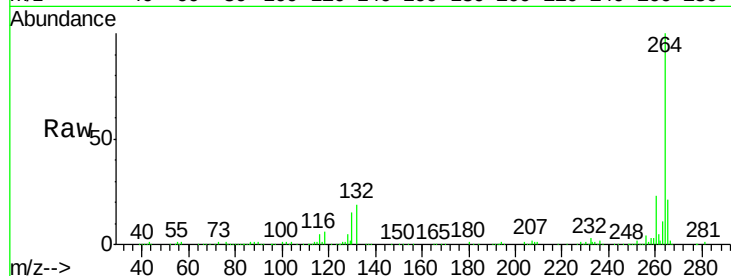


#86
Perylene-d12
Concen: 20.00 ng
RT: 17.79 min Scan# 1479
Delta R.T. -0.11 min
Lab File: BF077660.D
Acq: 10 Mar 2015 14:49

Instrument :
BNA_F
ClientSampleId :
PB81894BSD

Tgt Ion: 264 Resp: 220378

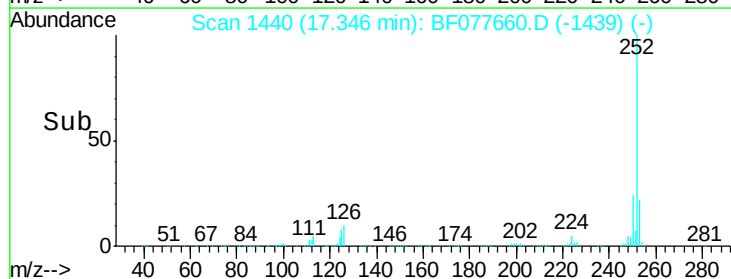
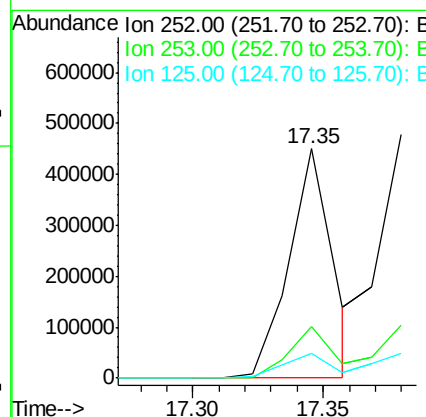
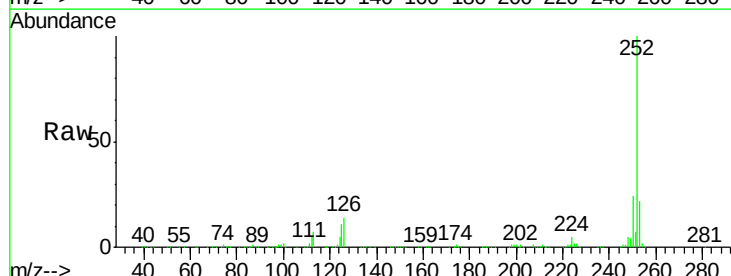
Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.3	28.9
265	21.3	16.8	25.2

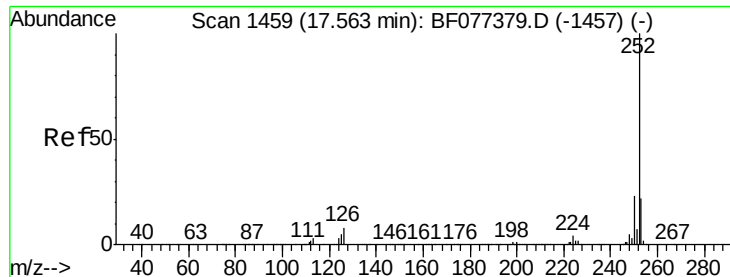


#87
Benzo(b)fluoranthene
Concen: 40.59 ng
RT: 17.35 min Scan# 1440
Delta R.T. -0.09 min
Lab File: BF077660.D
Acq: 10 Mar 2015 14:49

Tgt Ion: 252 Resp: 520220

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.6	26.4
125	10.7	5.4	8.2

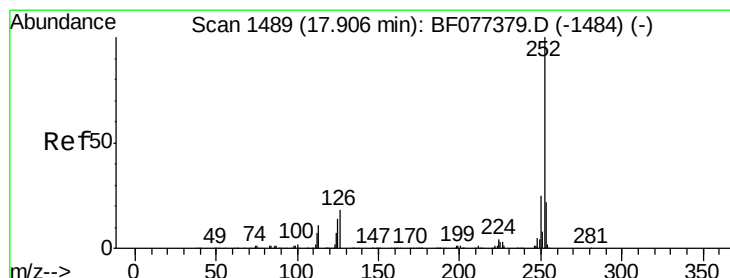
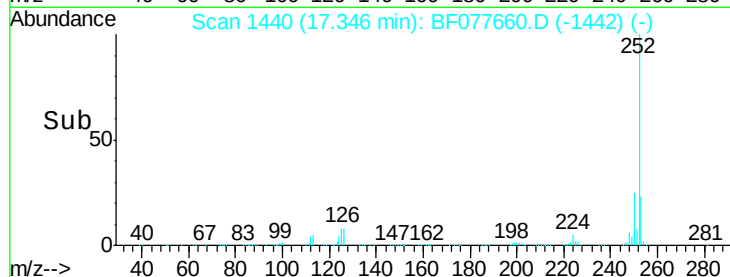
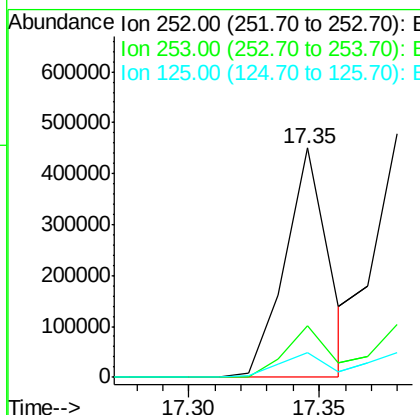
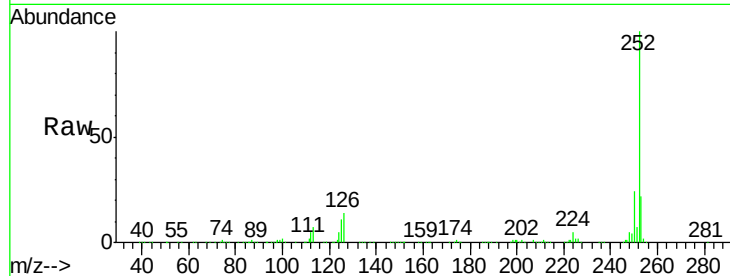




#88
Benzo(k)fluoranthene
Concen: 41.42 ng
RT: 17.35 min Scan# 1440
Delta R.T. -0.12 min
Lab File: BF077660.D
Acq: 10 Mar 2015 14:49

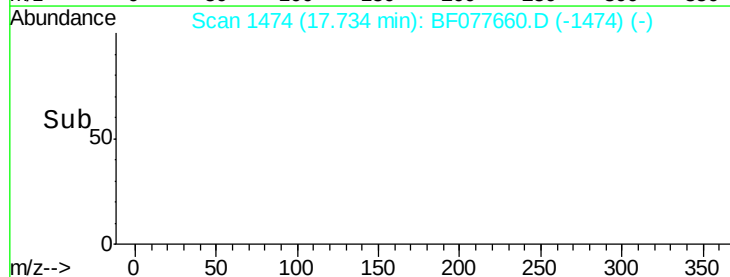
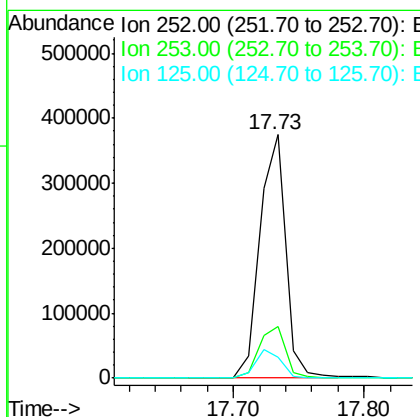
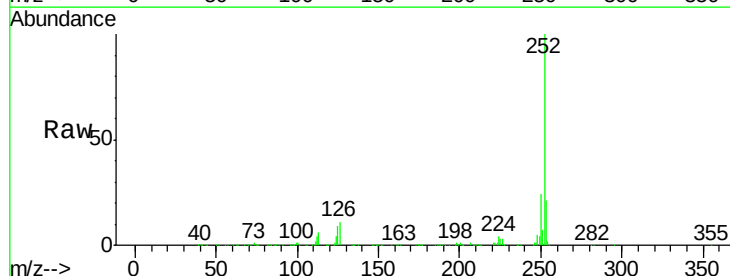
Instrument :
BNA_F
ClientSampleId :
PB81894BSD

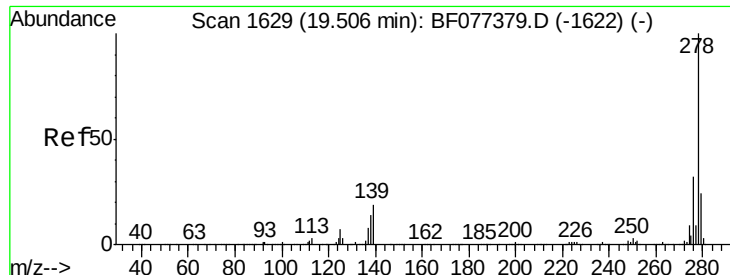
Tgt Ion:252 Resp: 520220
Ion Ratio Lower Upper
252 100
253 22.4 18.1 27.1
125 10.7 10.1 15.1



#89
Benzo(a)pyrene
Concen: 42.79 ng
RT: 17.73 min Scan# 1474
Delta R.T. -0.11 min
Lab File: BF077660.D
Acq: 10 Mar 2015 14:49

Tgt Ion:252 Resp: 522208
Ion Ratio Lower Upper
252 100
253 21.4 18.2 27.2
125 8.6 8.3 12.5



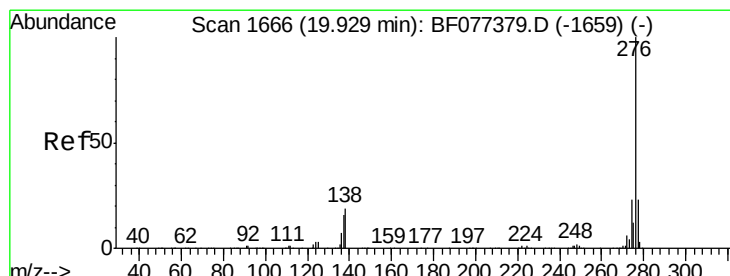
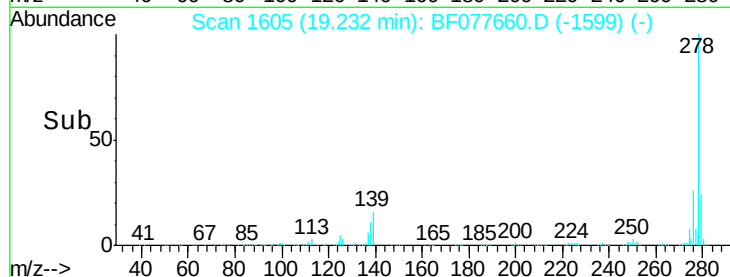
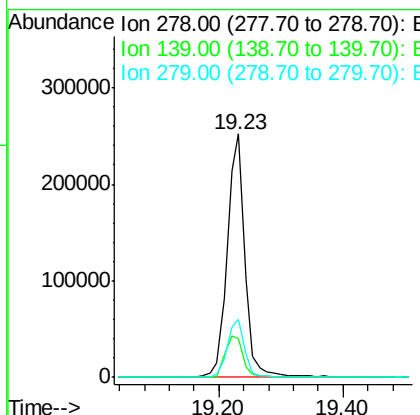
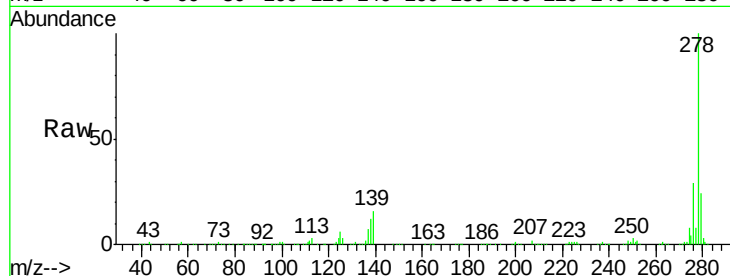


#90
Dibenzo(a,h)anthracene
Concen: 42.78 ng
RT: 19.23 min Scan# 1605
Delta R.T. -0.13 min
Lab File: BF077660.D
Acq: 10 Mar 2015 14:49

Instrument :
BNA_F
ClientSampleId :
PB81894BSD

Tgt Ion: 278 Resp: 498009

Ion	Ratio	Lower	Upper
278	100		
139	16.0	14.3	21.5
279	23.6	19.0	28.6



#91
Benzo(g,h,i)perylene
Concen: 43.23 ng
RT: 19.61 min Scan# 1638
Delta R.T. -0.14 min
Lab File: BF077660.D
Acq: 10 Mar 2015 14:49

Tgt Ion: 276 Resp: 507861

Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.9	28.3
138	25.7	20.5	30.7

