

Data Path : Z:\HPCHEM1\BNA_F\Data\BF121815\
 Data File : BF083887.D
 Acq On : 17 Dec 2015 20:56
 Operator : UM/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF121815

Quant Time: Dec 18 01:29:19 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 18 01:01:02 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	51830	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	200098	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	96377	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	185868	20.00	ng	0.00
75) Chrysene-d12	14.03	240	165464	20.00	ng	0.00
86) Perylene-d12	15.47	264	127036	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	266110	80.35	ng	0.00
7) Phenol-d6	6.51	99	300404	74.10	ng	0.00
23) Nitrobenzene-d5	7.44	82	280773	80.08	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	90218	84.97	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	578813	84.21	ng	0.00
78) Terphenyl-d14	12.98	244	608105	86.00	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.46	88	53715	37.39	ng	98
3) Pyridine	3.21	79	125872	35.43	ng	98
4) n-Nitrosodimethylamine	3.15	42	56679	41.83	ng	97
6) Aniline	6.53	93	197650	37.86	ng	92
8) 2-Chlorophenol	6.66	128	154138	39.10	ng	99
9) Benzaldehyde	6.42	77	79350	32.49	ng	99
10) Phenol	6.52	94	162292	35.88	ng	98
11) bis(2-Chloroethyl)ether	6.61	93	136607	39.75	ng	97
12) 1,3-Dichlorobenzene	6.82	146	170308	40.18	ng	99
13) 1,4-Dichlorobenzene	6.89	146	163735	37.83	ng	98
14) 1,2-Dichlorobenzene	7.05	146	166091	47.87	ng	100
15) Benzyl Alcohol	7.01	79	117725	38.37	ng	# 88
16) 2,2'-oxybis(1-Chloropropan	7.15	45	139880	39.48	ng	99
17) 2-Methylphenol	7.14	107	122069	39.48	ng	99
18) Hexachloroethane	7.39	117	62156	39.14	ng	96
19) n-Nitroso-di-n-propylamine	7.29	70	90904	38.47	ng	# 83
20) 3+4-Methylphenols	7.29	107	141094	38.83	ng	97
22) Acetophenone	7.29	105	207878	43.15	ng	100
24) Nitrobenzene	7.46	77	159563	44.01	ng	98
25) Isophorone	7.70	82	264239	40.06	ng	99
26) 2-Nitrophenol	7.78	139	82721	44.07	ng	99
27) 2,4-Dimethylphenol	7.81	122	127389	39.40	ng	98
28) bis(2-Chloroethoxy)methane	7.90	93	143517	36.78	ng	99
29) 2,4-Dichlorophenol	8.02	162	124361	42.40	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	122404	38.86	ng	99
31) Naphthalene	8.18	128	419611	41.45	ng	99
32) Benzoic acid	7.94	122	62500	51.14	ng	94
33) 4-Chloroaniline	8.22	127	168639	37.13	ng	99
34) Hexachlorobutadiene	8.30	225	77151	39.22	ng	99
35) Caprolactam	8.60	113	38255	39.47	ng	98
36) 4-Chloro-3-methylphenol	8.72	107	150194	45.38	ng	99
37) 2-Methylnaphthalene	8.88	142	283320	40.74	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	121260	39.90	ng	98
40) Hexachlorocyclopentadiene	9.04	237	32134	42.82	ng	98

Data Path : Z:\HPCHEM1\BNA_F\Data\BF121815\
 Data File : BF083887.D
 Acq On : 17 Dec 2015 20:56
 Operator : UM/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF121815

Quant Time: Dec 18 01:29:19 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 18 01:01:02 2015
 Response via : Initial Calibration

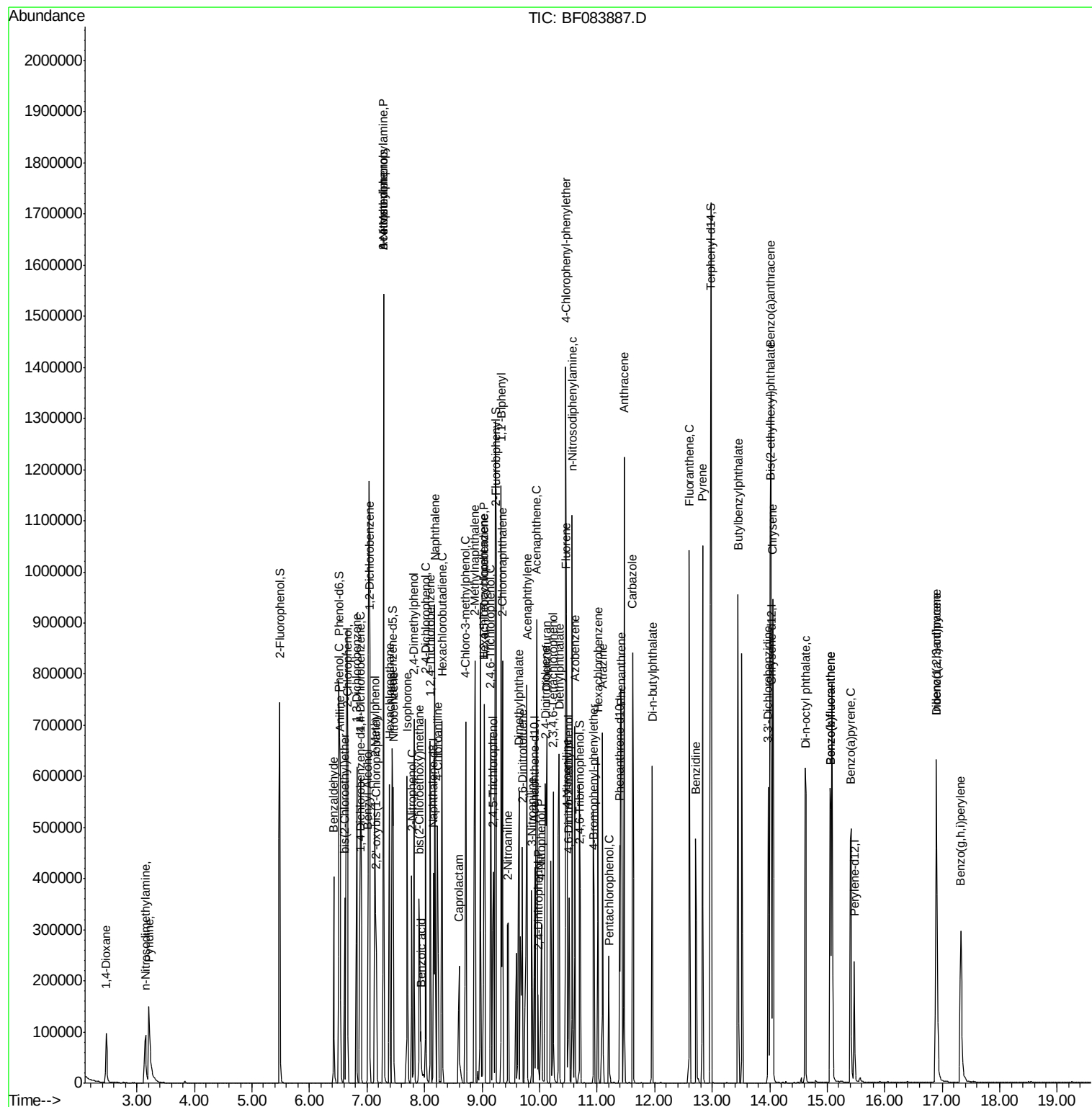
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	81409	40.57	ng	98
43) 2,4,5-Trichlorophenol	9.20	196	82265	41.43	ng	98
45) 1,1'-Biphenyl	9.33	154	345990	42.69	ng	99
46) 2-Chloronaphthalene	9.36	162	262323	41.28	ng	99
47) 2-Nitroaniline	9.45	65	73667	38.65	ng	98
48) Acenaphthylene	9.78	152	459159	40.87	ng	99
49) Dimethylphthalate	9.64	163	341586	42.24	ng	99
50) 2,6-Dinitrotoluene	9.70	165	77247	43.79	ng	98
51) Acenaphthene	9.95	154	278064	40.25	ng	99
52) 3-Nitroaniline	9.86	138	73364	39.45	ng	98
53) 2,4-Dinitrophenol	9.97	184	24085	43.43	ng	98
54) Dibenzofuran	10.12	168	355529	39.63	ng	99
55) 4-Nitrophenol	10.03	139	55758	48.03	ng	98
56) 2,4-Dinitrotoluene	10.10	165	97773	43.24	ng	95
57) Fluorene	10.46	166	304249	44.56	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.24	232	64885	44.17	ng	95
59) Diethylphthalate	10.34	149	344996	41.26	ng	100
60) 4-Chlorophenyl-phenylether	10.45	204	143874	41.84	ng	99
61) 4-Nitroaniline	10.48	138	74277	38.61	ng	98
62) Azobenzene	10.61	77	299865	42.79	ng	99
64) 4,6-Dinitro-2-methylphenol	10.51	198	48553	42.96	ng	96
65) n-Nitrosodiphenylamine	10.57	169	253836	37.53	ng	98
66) 4-Bromophenyl-phenylether	10.94	248	86923	38.25	ng	97
67) Hexachlorobenzene	11.01	284	98390	41.12	ng	97
68) Atrazine	11.09	200	74731	34.88	ng	98
69) Pentachlorophenol	11.21	266	37492	39.47	ng	98
70) Phenanthrene	11.42	178	420097	37.41	ng	99
71) Anthracene	11.47	178	435688	40.14	ng	100
72) Carbazole	11.62	167	392651	36.61	ng	100
73) Di-n-butylphthalate	11.96	149	513336	40.73	ng	100
74) Fluoranthene	12.60	202	430247	38.39	ng	99
76) Benzidine	12.72	184	225811	34.08	ng	97
77) Pyrene	12.83	202	448007	42.76	ng	100
79) Butylbenzylphthalate	13.45	149	215852	39.19	ng	99
80) Benzo(a)anthracene	14.02	228	380155	37.37	ng	99
81) 3,3'-Dichlorobenzidine	13.97	252	140400	36.92	ng	# 95
82) Chrysene	14.05	228	364252	37.06	ng	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	281860	38.33	ng	99
84) Di-n-octyl phthalate	14.63	149	467220	40.60	ng	100
85) Indeno(1,2,3-cd)pyrene	16.90	276	305016	41.51	ng	99
87) Benzo(b)fluoranthene	15.06	252	370966	40.05	ng	99
88) Benzo(k)fluoranthene	15.06	252	370966	48.55	ng	# 95
89) Benzo(a)pyrene	15.41	252	310883	40.65	ng	100
90) Dibenzo(a,h)anthracene	16.90	278	254366	42.75	ng	99
91) Benzo(g,h,i)perylene	17.32	276	250454	42.95	ng	99

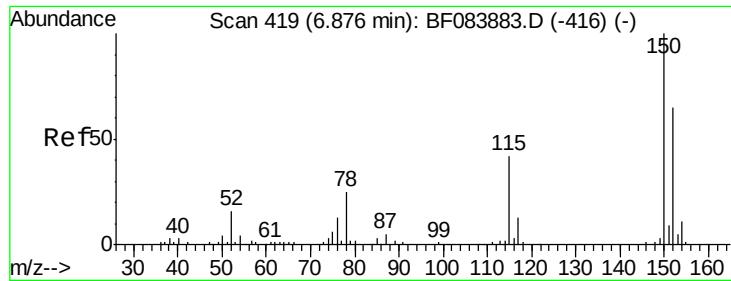
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\Data\BF121815\
Data File : BF083887.D
Acq On : 17 Dec 2015 20:56
Operator : UM/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF121815

Quant Time: Dec 18 01:29:19 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 18 01:01:02 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.88 min Scan# 419

Delta R.T. 0.00 min

Lab File: BF083887.D

Acq: 17 Dec 2015 20:56

Instrument :

BNA_F

ClientSampleId :

ICVBF121815

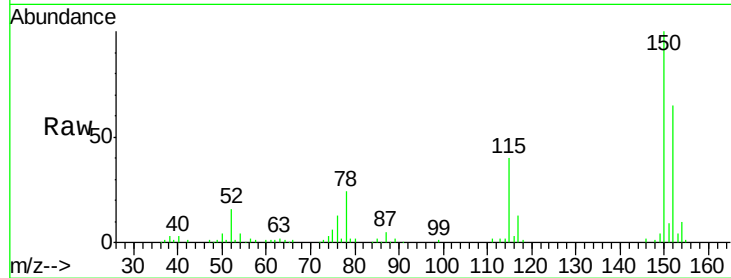
Tgt Ion:152 Resp: 51830

Ion Ratio Lower Upper

152 100

150 154.7 123.0 184.4

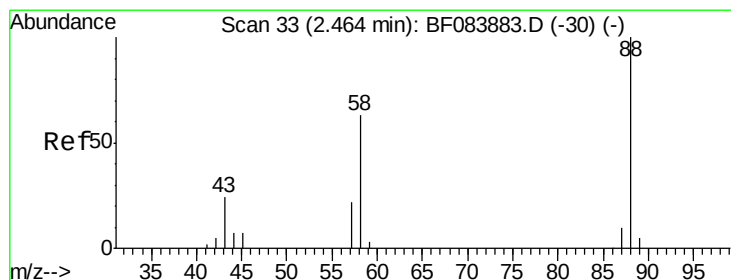
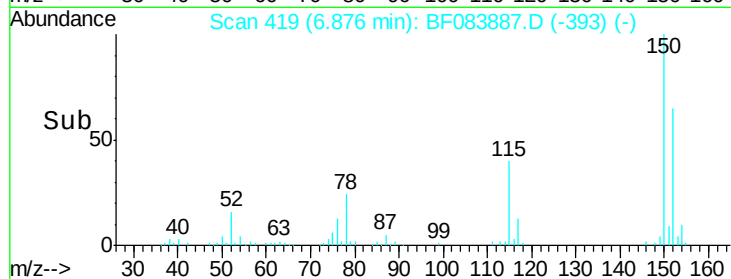
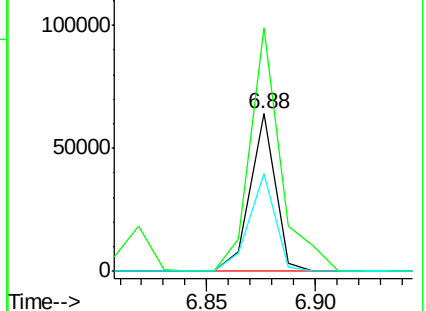
115 62.1 51.4 77.2



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: 37.39 ng

RT: 2.46 min Scan# 33

Delta R.T. 0.00 min

Lab File: BF083887.D

Acq: 17 Dec 2015 20:56

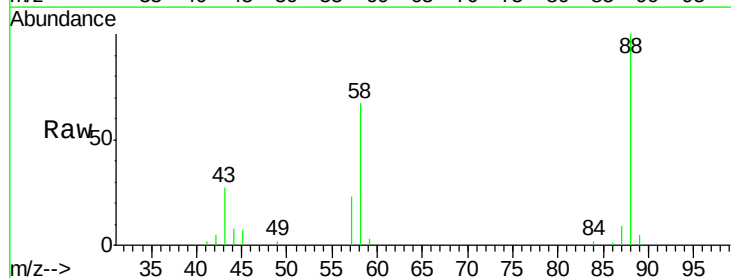
Tgt Ion: 88 Resp: 53715

Ion Ratio Lower Upper

88 100

58 65.2 51.2 76.8

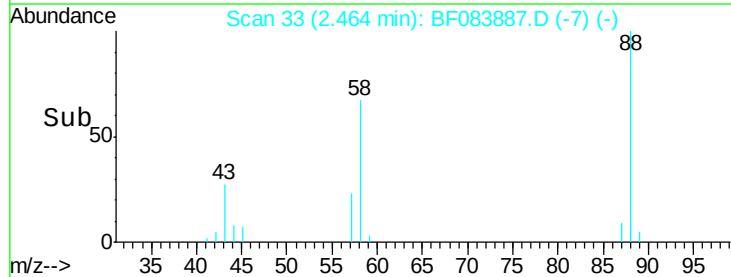
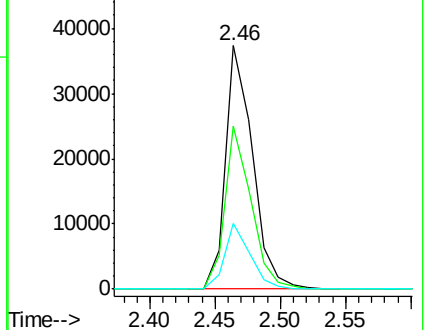
43 25.2 19.5 29.3

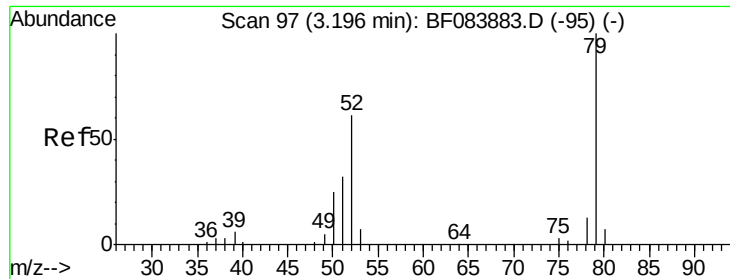


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

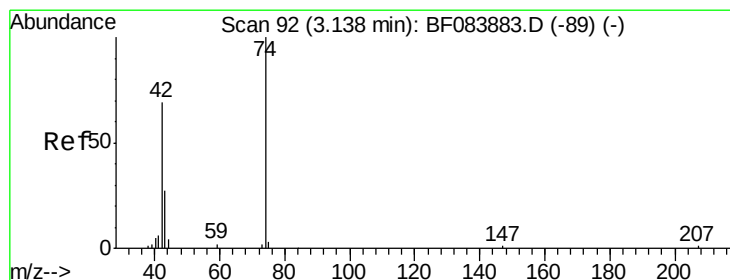
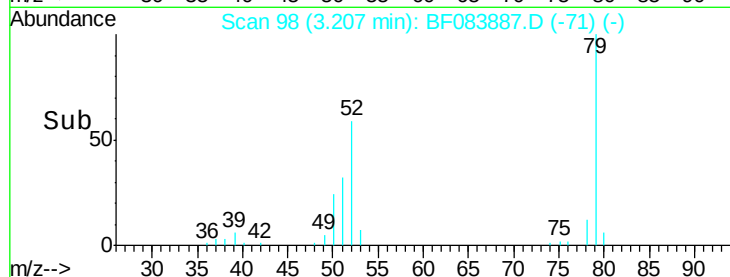
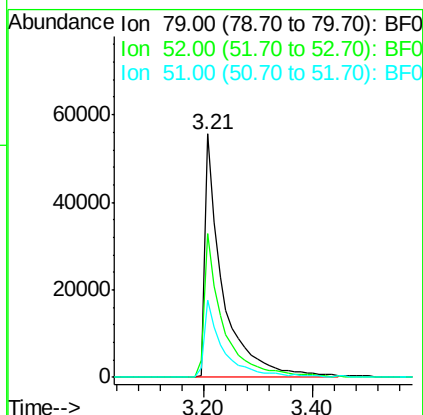
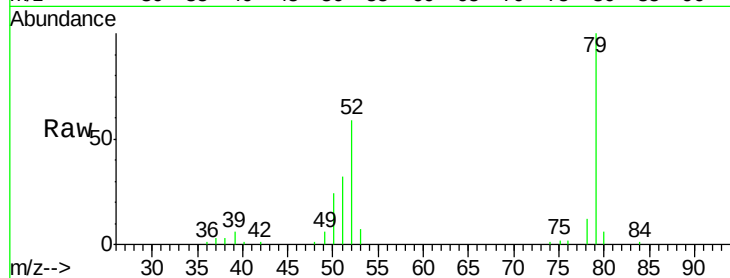




#3
 Pyridine
 Concen: 35.43 ng
 RT: 3.21 min Scan# 98
 Delta R.T. 0.01 min
 Lab File: BF083887.D
 Acq: 17 Dec 2015 20:56

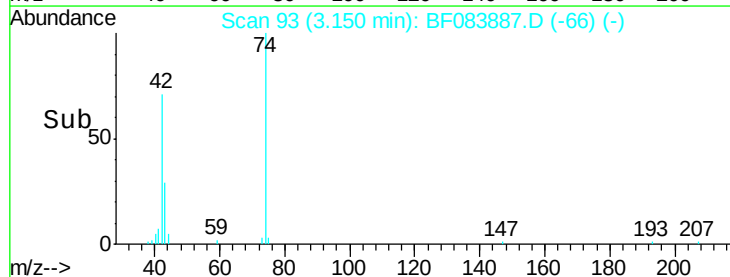
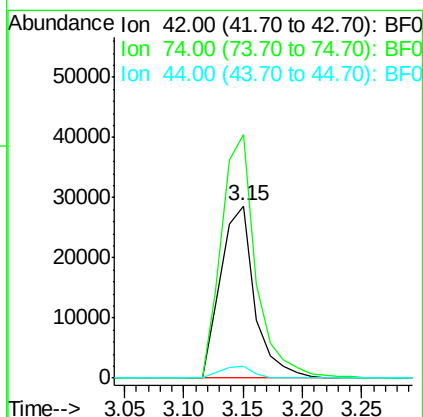
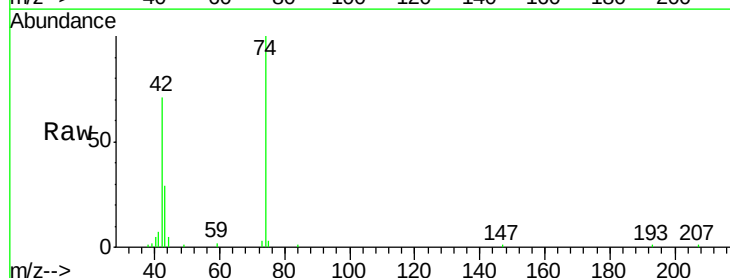
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF121815

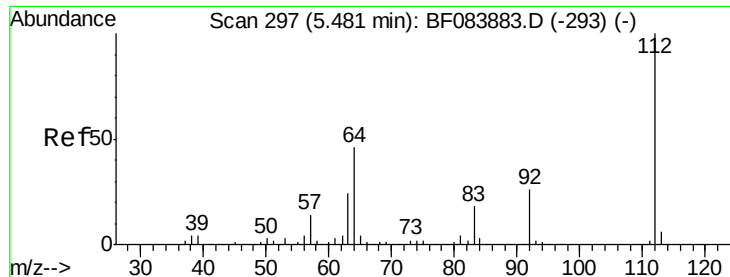
Tgt Ion: 79 Resp: 125872
 Ion Ratio Lower Upper
 79 100
 52 59.2 49.0 73.4
 51 31.6 25.2 37.8



#4
 n-Nitrosodimethylamine
 Concen: 41.83 ng
 RT: 3.15 min Scan# 93
 Delta R.T. 0.01 min
 Lab File: BF083887.D
 Acq: 17 Dec 2015 20:56

Tgt Ion: 42 Resp: 56679
 Ion Ratio Lower Upper
 42 100
 74 141.2 115.7 173.5
 44 6.9 5.1 7.7





#5

2-Fluorophenol

Concen: 80.35 ng

RT: 5.48 min Scan# 297

Delta R.T. 0.00 min

Lab File: BF083887.D

Acq: 17 Dec 2015 20:56

Instrument :

BNA_F

ClientSampleId :

ICVBF121815

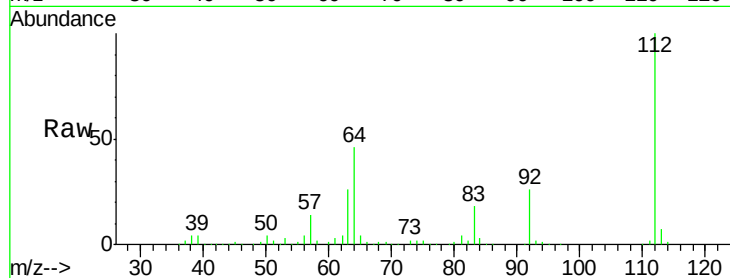
Tgt Ion: 112 Resp: 266110

Ion Ratio Lower Upper

112 100

64 46.3 36.6 55.0

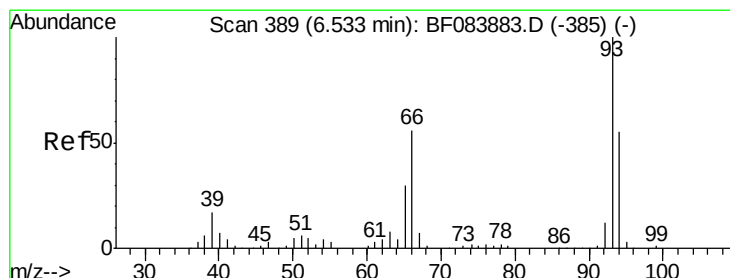
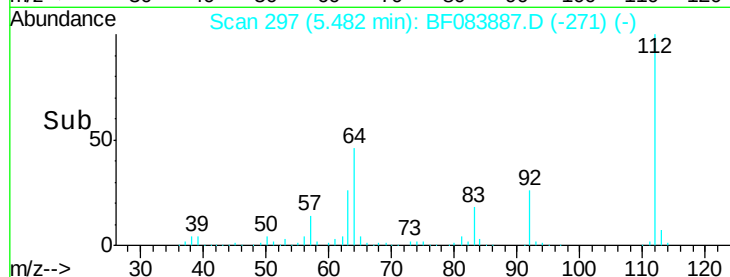
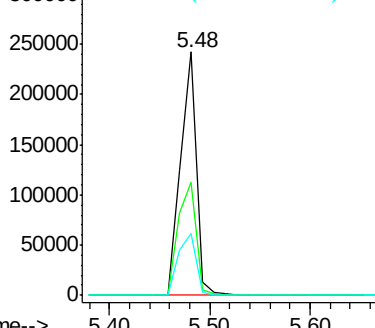
63 25.5 19.4 29.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 37.86 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF083887.D

Acq: 17 Dec 2015 20:56

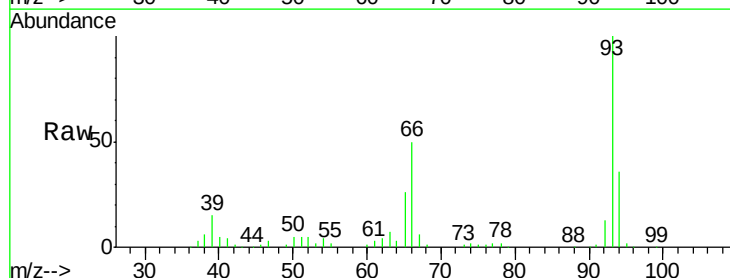
Tgt Ion: 93 Resp: 197650

Ion Ratio Lower Upper

93 100

66 50.2 44.9 67.3

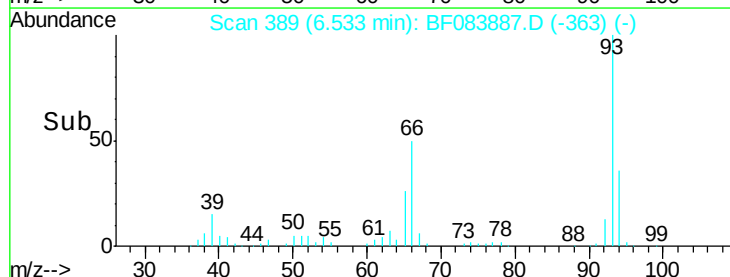
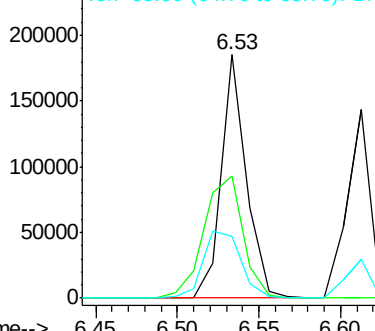
65 25.6 23.7 35.5

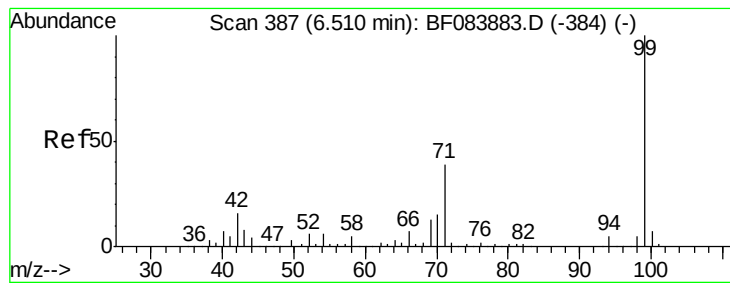


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 74.10 ng

RT: 6.51 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF083887.D

Acq: 17 Dec 2015 20:56

Instrument :

BNA_F

ClientSampleId :

ICVBF121815

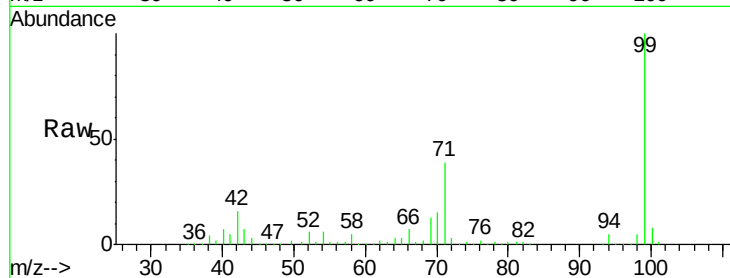
Tgt Ion: 99 Resp: 300404

Ion Ratio Lower Upper

99 100

42 16.1 12.8 19.2

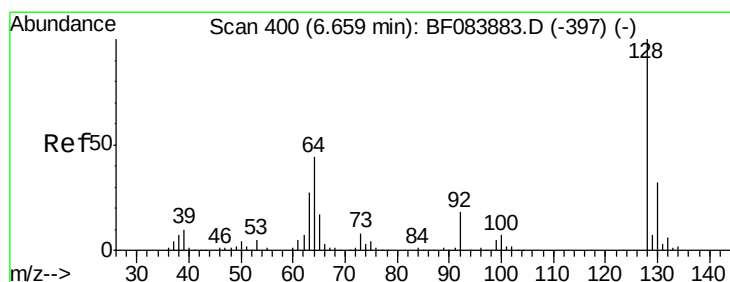
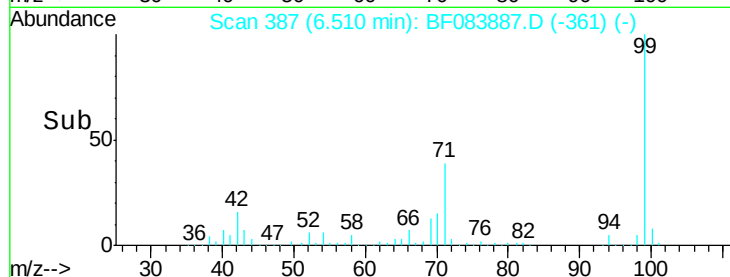
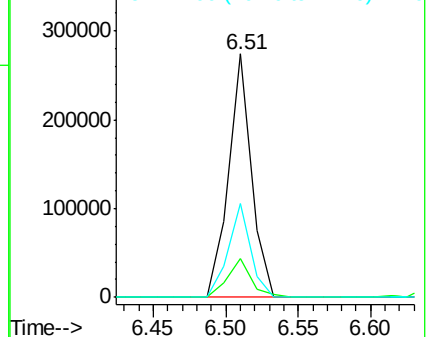
71 38.6 30.9 46.3



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: 39.10 ng

RT: 6.66 min Scan# 400

Delta R.T. 0.00 min

Lab File: BF083887.D

Acq: 17 Dec 2015 20:56

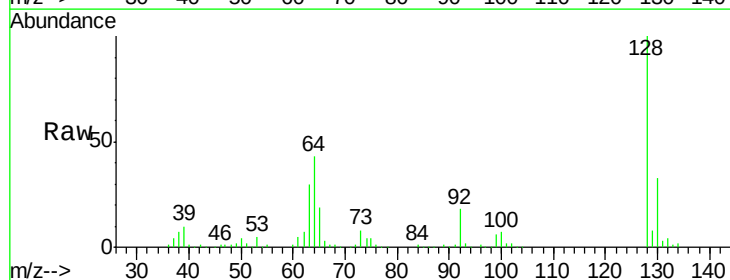
Tgt Ion: 128 Resp: 154138

Ion Ratio Lower Upper

128 100

130 33.0 11.6 51.6

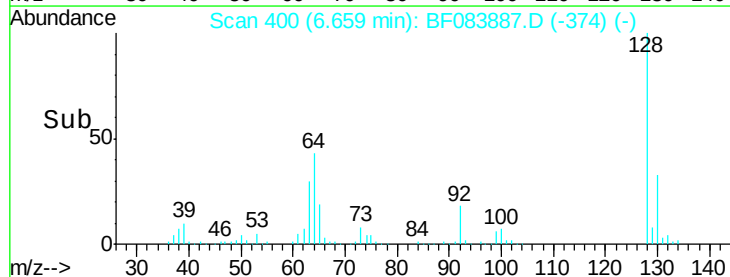
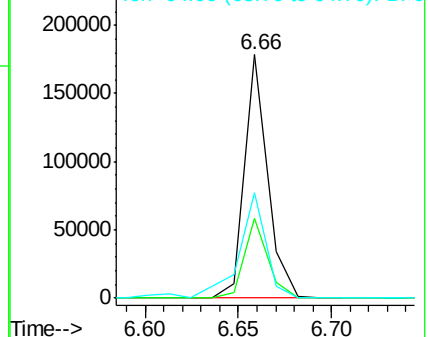
64 43.3 23.8 63.8

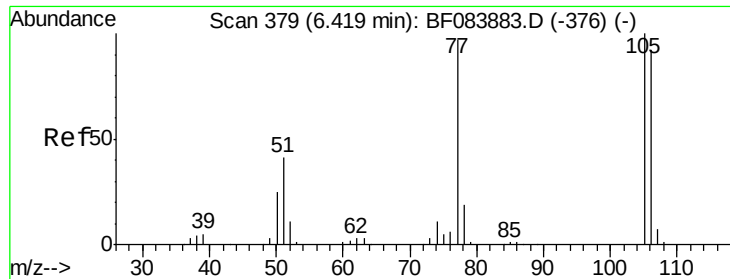


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 32.49 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF083887.D

Acq: 17 Dec 2015 20:56

Instrument :

BNA_F

ClientSampleId :

ICVBF121815

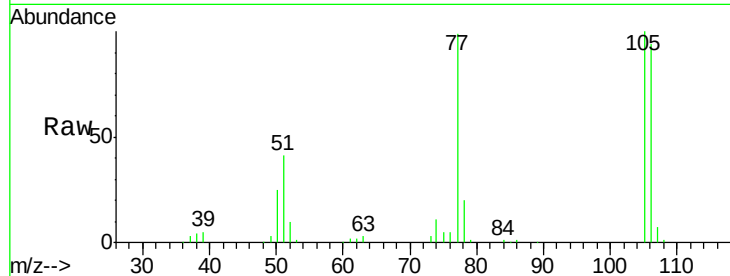
Tgt Ion: 77 Resp: 79350

Ion Ratio Lower Upper

77 100

105 101.5 83.0 123.0

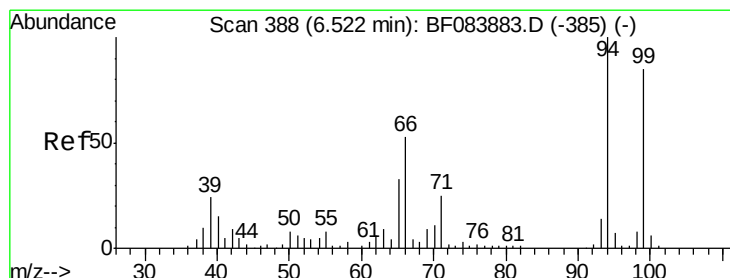
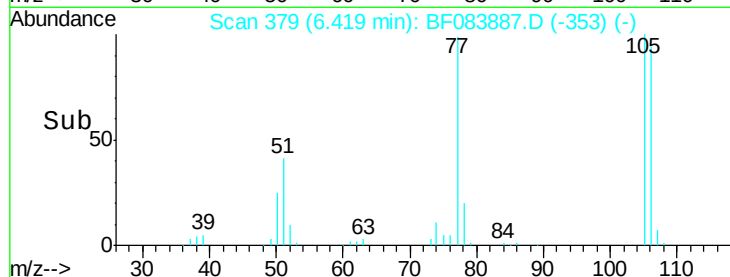
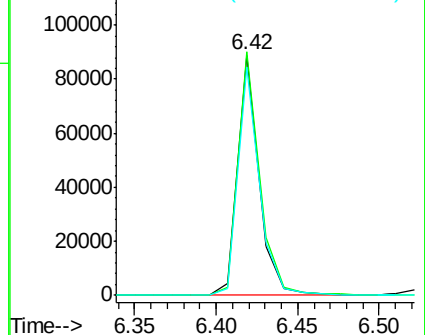
106 95.4 74.6 114.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 35.88 ng

RT: 6.52 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF083887.D

Acq: 17 Dec 2015 20:56

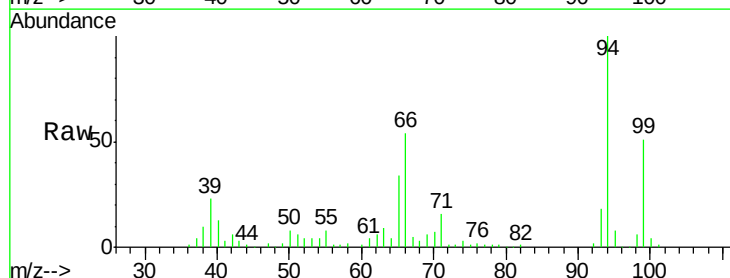
Tgt Ion: 94 Resp: 162292

Ion Ratio Lower Upper

94 100

65 34.2 12.9 52.9

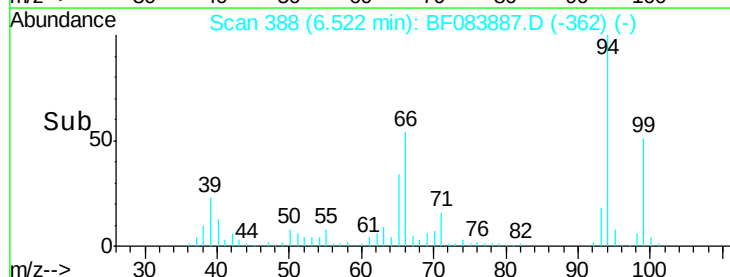
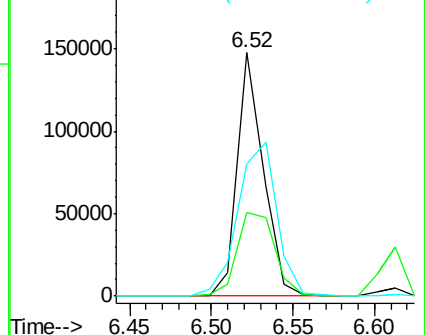
66 54.5 32.7 72.7

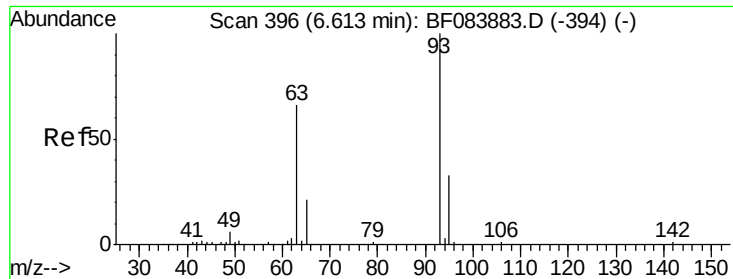


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

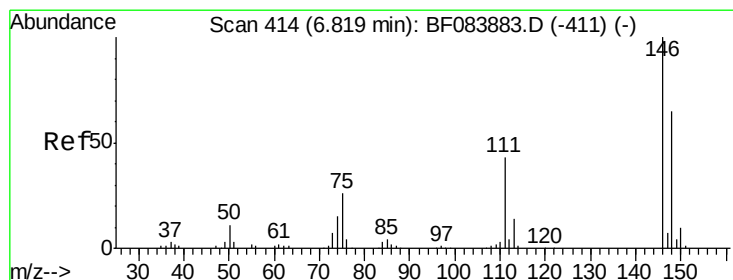
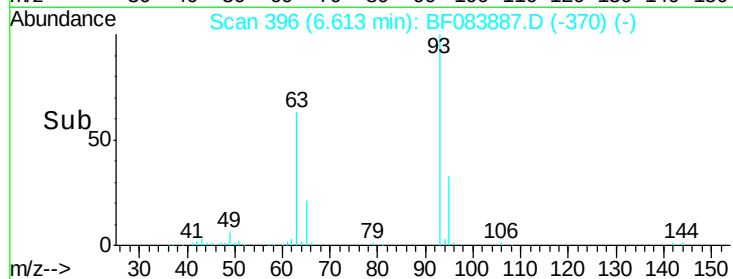
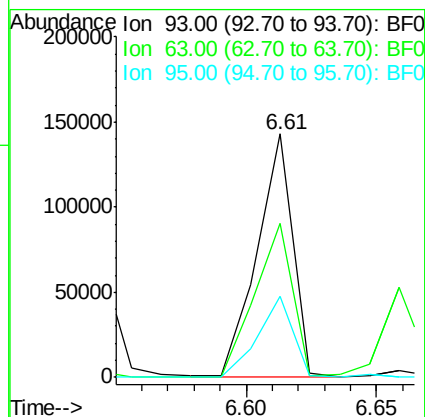
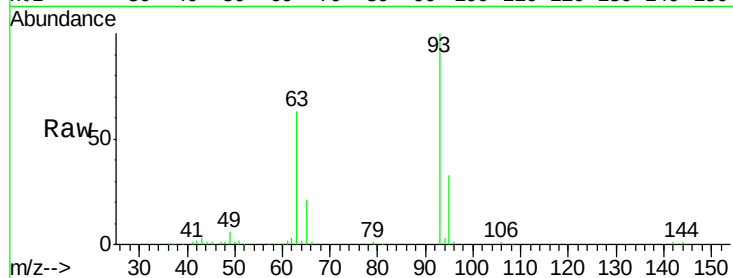




#11
bis(2-Chloroethyl)ether
Concen: 39.75 ng
RT: 6.61 min Scan# 396
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

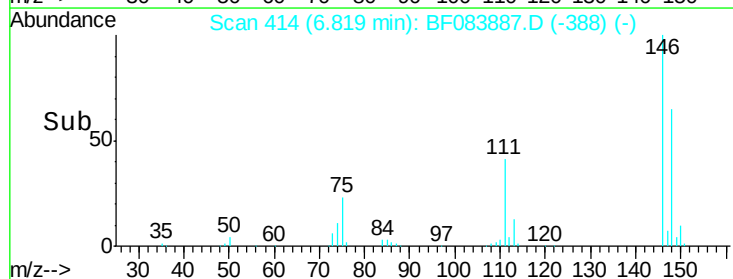
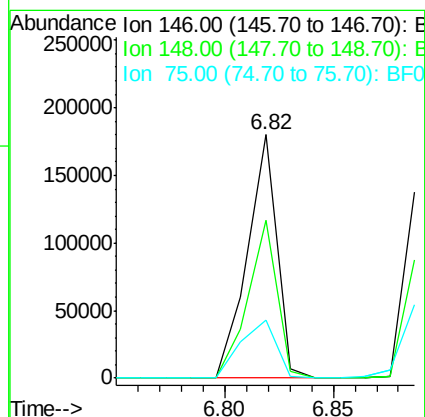
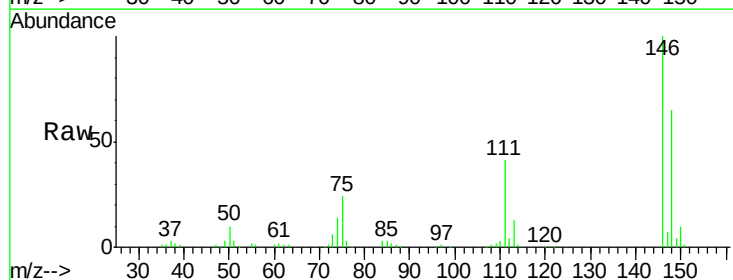
Instrument :
BNA_F
ClientSampleId :
ICVBF121815

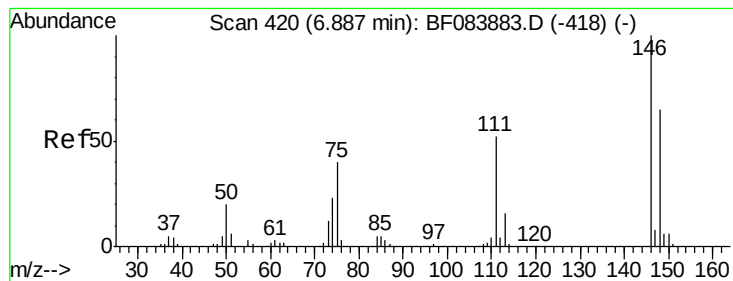
Tgt Ion:	93	Resp:	136607
Ion	Ratio	Lower	Upper
93	100		
63	63.3	45.9	85.9
95	33.1	12.3	52.3



#12
1,3-Dichlorobenzene
Concen: 40.18 ng
RT: 6.82 min Scan# 414
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Tgt Ion:	146	Resp:	170308
Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.9	77.9
75	24.1	20.5	30.7





#13

1,4-Dichlorobenzene

Concen: 37.83 ng

RT: 6.89 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF083887.D

Acq: 17 Dec 2015 20:56

Instrument :

BNA_F

ClientSampleId :

ICVBF121815

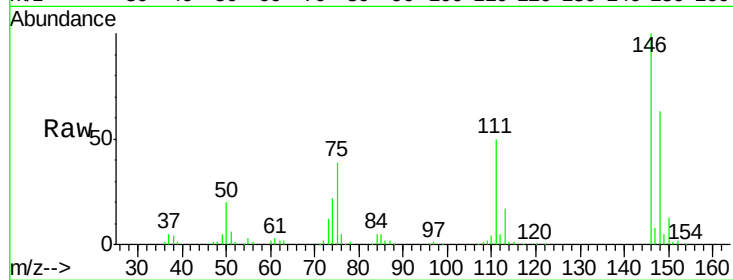
Tgt Ion:146 Resp: 163735

Ion Ratio Lower Upper

146 100

148 63.3 51.9 77.9

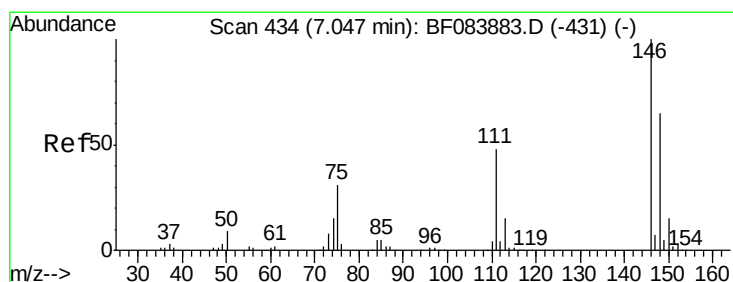
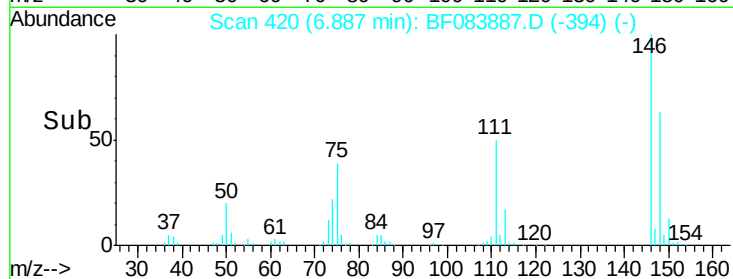
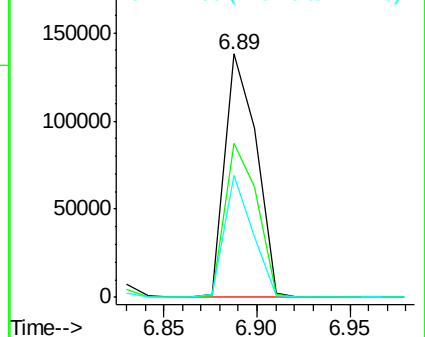
111 50.2 41.6 62.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 47.87 ng

RT: 7.05 min Scan# 434

Delta R.T. 0.00 min

Lab File: BF083887.D

Acq: 17 Dec 2015 20:56

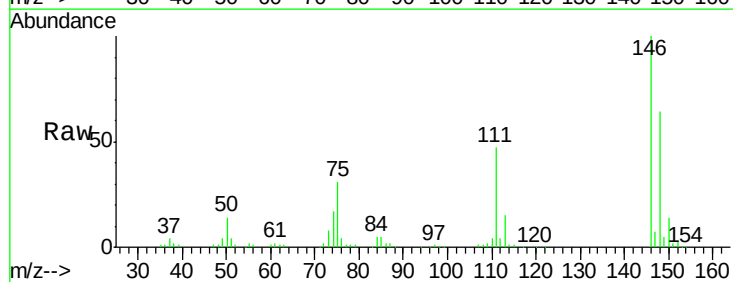
Tgt Ion:146 Resp: 166091

Ion Ratio Lower Upper

146 100

148 64.3 51.6 77.4

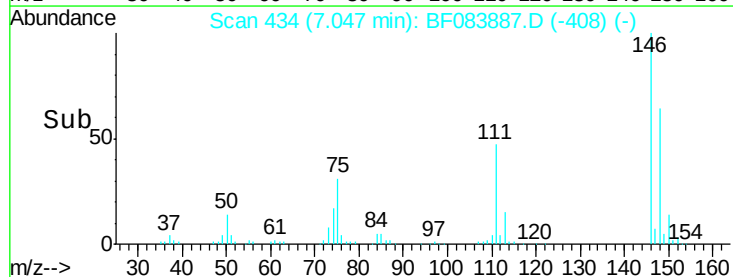
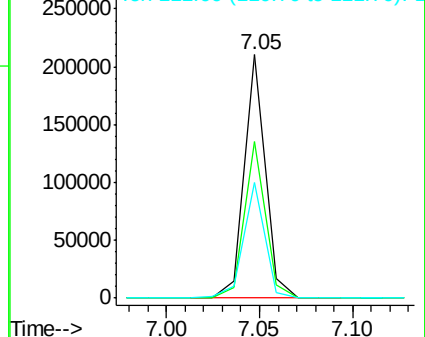
111 47.4 38.0 57.0

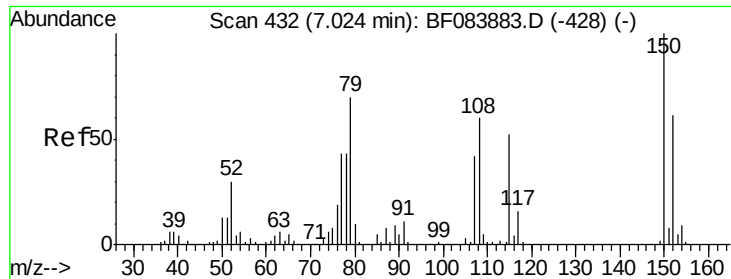


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

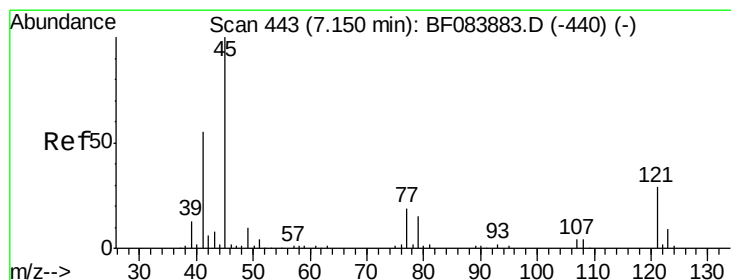
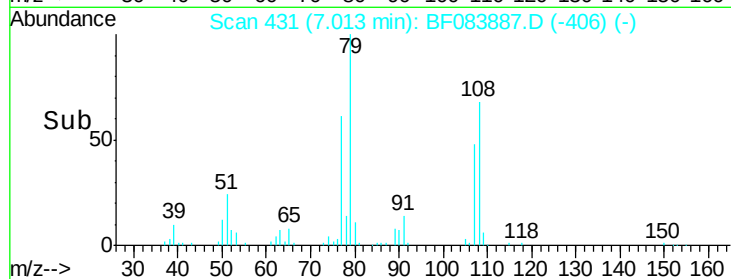
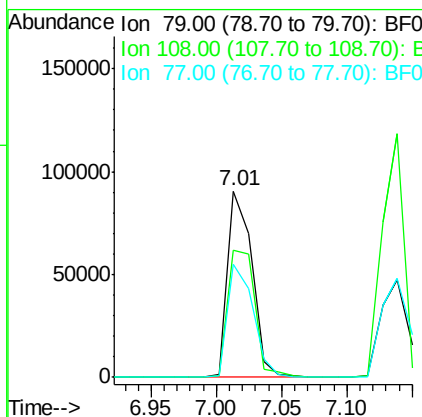
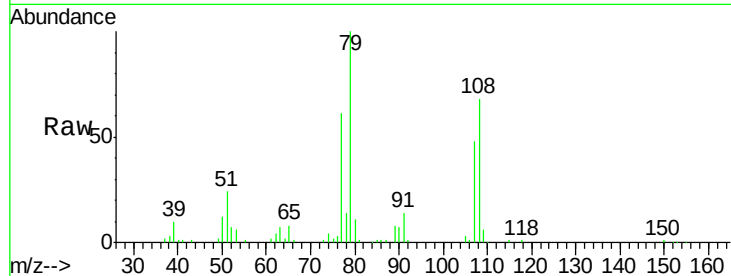




#15
Benzyl Alcohol
Concen: 38.37 ng
RT: 7.01 min Scan# 431
Delta R.T. -0.01 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

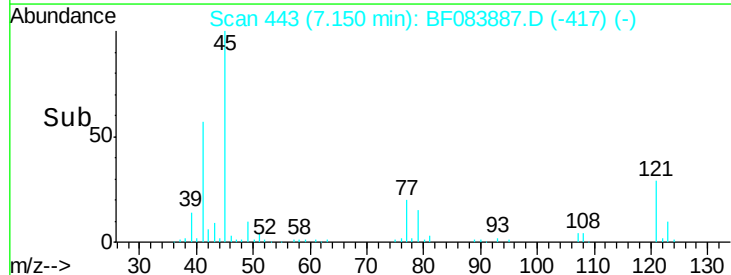
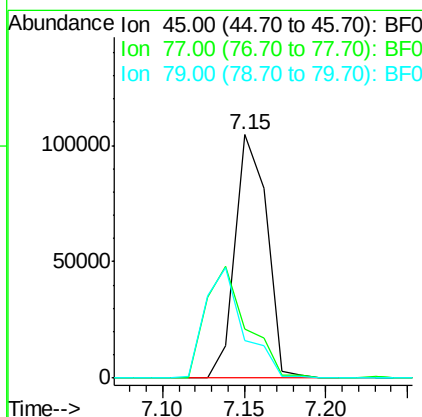
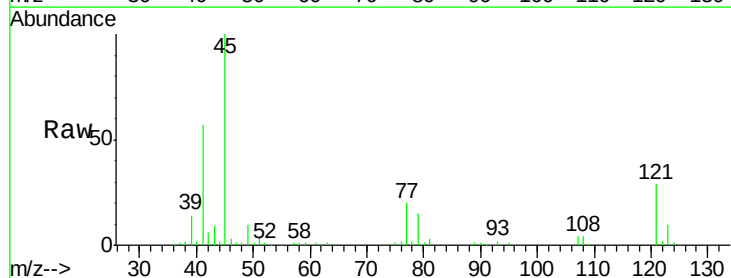
Instrument :
BNA_F
ClientSampleId :
ICVBF121815

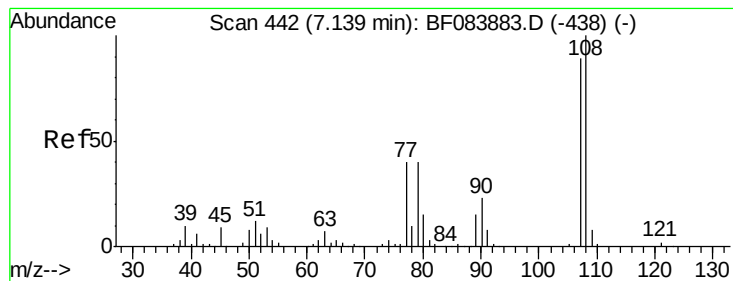
Tgt Ion: 79 Resp: 117725
Ion Ratio Lower Upper
79 100
108 68.3 69.0 103.4#
77 60.8 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.48 ng
RT: 7.15 min Scan# 443
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Tgt Ion: 45 Resp: 139880
Ion Ratio Lower Upper
45 100
77 20.0 0.0 39.6
79 15.3 0.0 35.0





#17

2-Methylphenol

Concen: 39.48 ng

RT: 7.14 min Scan# 442

Delta R.T. 0.00 min

Lab File: BF083887.D

Acq: 17 Dec 2015 20:56

Instrument :

BNA_F

ClientSampleId :

ICVBF121815

Tgt Ion:107 Resp: 122069

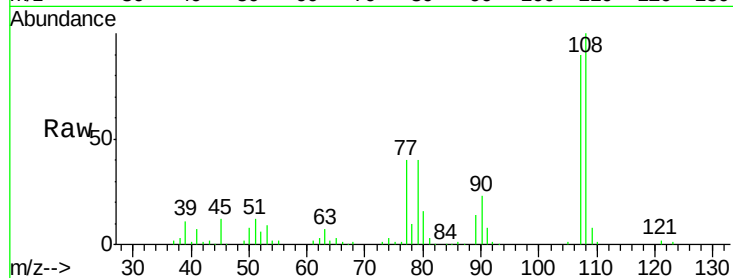
Ion Ratio Lower Upper

107 100

108 111.4 89.8 134.6

77 45.1 35.7 53.5

79 44.7 35.7 53.5

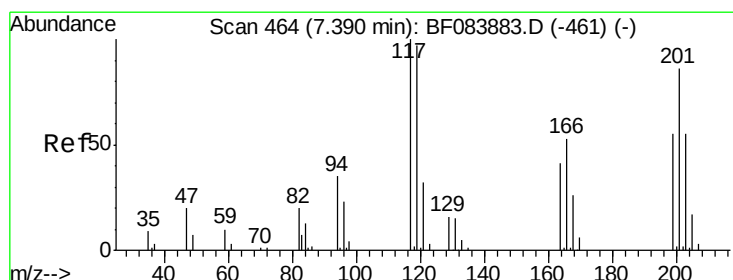
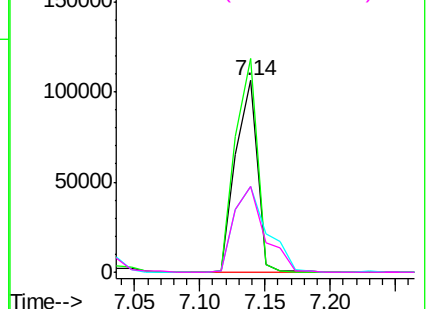
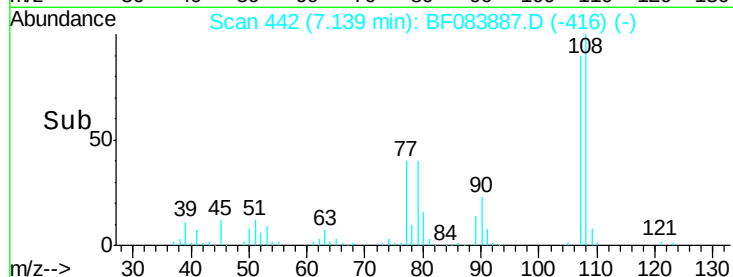


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 39.14 ng

RT: 7.39 min Scan# 464

Delta R.T. 0.00 min

Lab File: BF083887.D

Acq: 17 Dec 2015 20:56

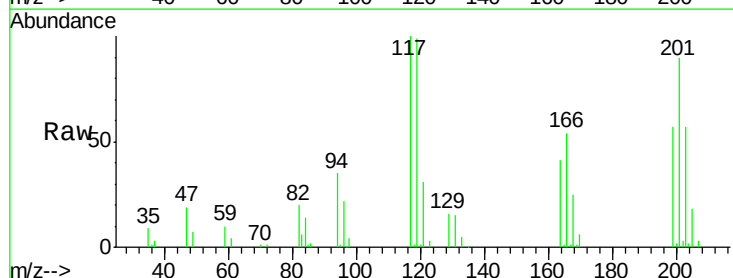
Tgt Ion:117 Resp: 62156

Ion Ratio Lower Upper

117 100

119 99.4 77.4 116.0

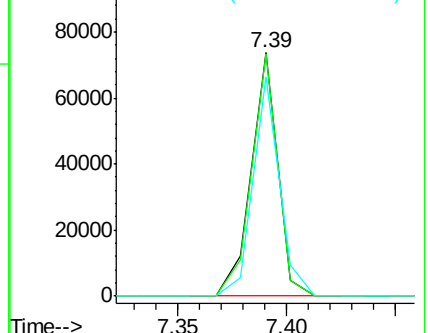
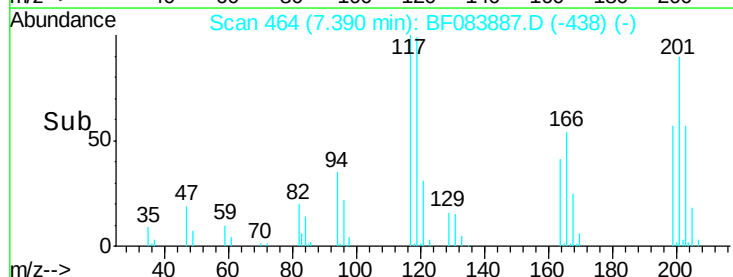
201 90.2 68.6 103.0

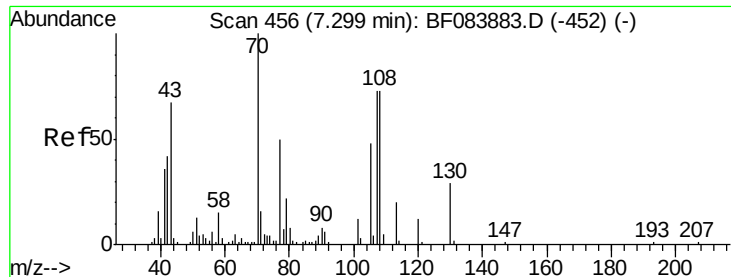


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 38.47 ng

RT: 7.29 min Scan# 455

Delta R.T. -0.01 min

Lab File: BF083887.D

Acq: 17 Dec 2015 20:56

Instrument :

BNA_F

ClientSampleId :

ICVBF121815

Tgt Ion: 70 Resp: 90904

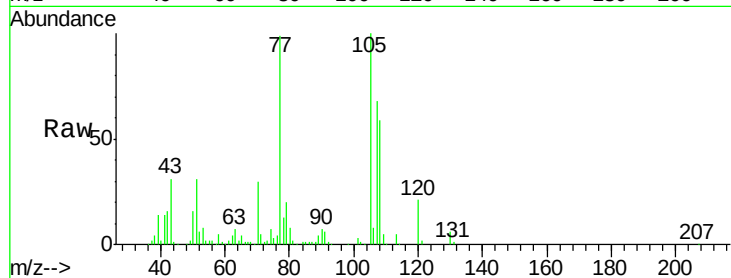
Ion Ratio Lower Upper

70 100

42 54.0 33.3 49.9#

101 9.4 9.3 13.9

130 20.1 23.4 35.0#

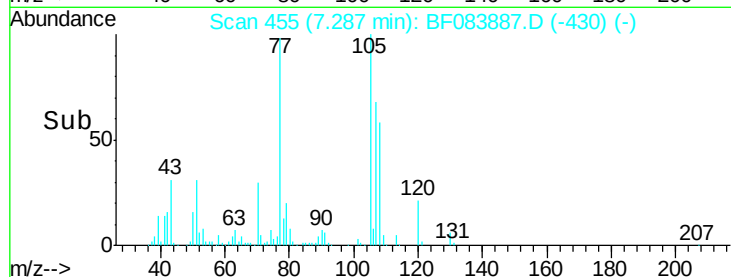
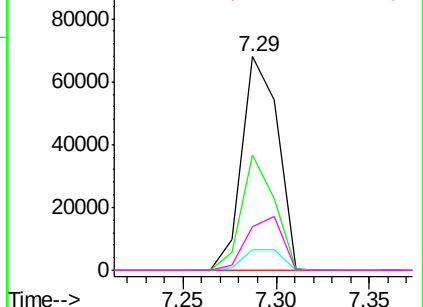


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 38.83 ng

RT: 7.29 min Scan# 455

Delta R.T. 0.00 min

Lab File: BF083887.D

Acq: 17 Dec 2015 20:56

Tgt Ion: 107 Resp: 141094

Ion Ratio Lower Upper

107 100

108 86.2 64.1 104.1

77 144.7 128.9 168.9

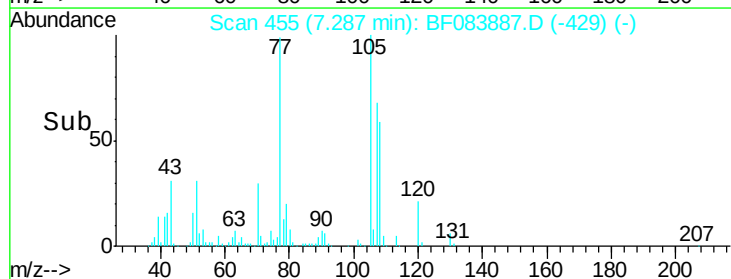
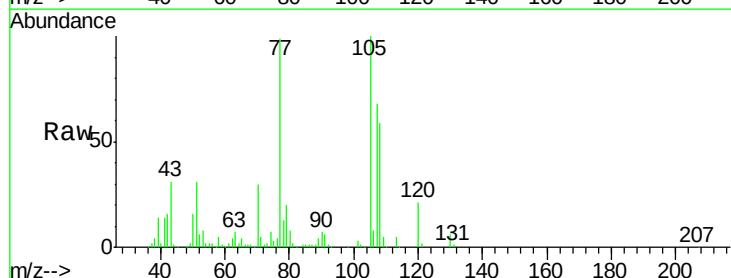
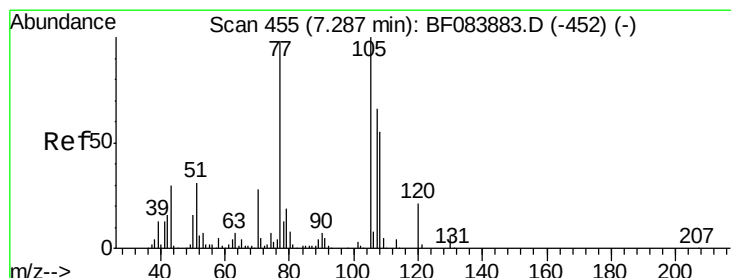
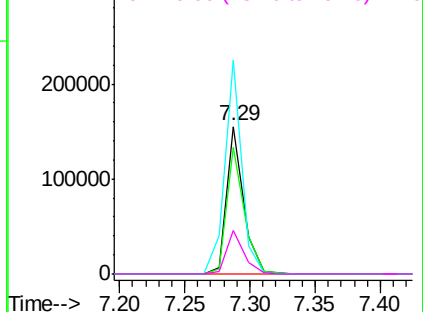
79 29.7 9.6 49.6

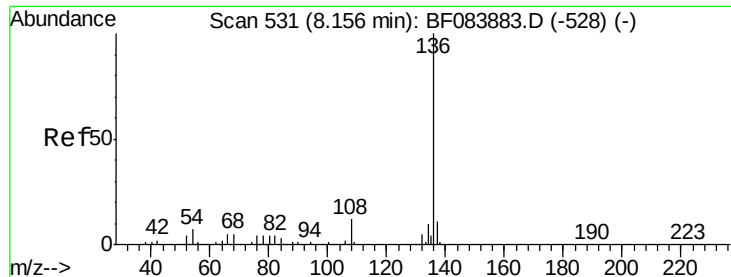
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.16 min Scan# 531

Delta R.T. 0.00 min

Lab File: BF083887.D

Acq: 17 Dec 2015 20:56

Instrument :

BNA_F

ClientSampleId :

ICVBF121815

Tgt Ion:136 Resp: 200098

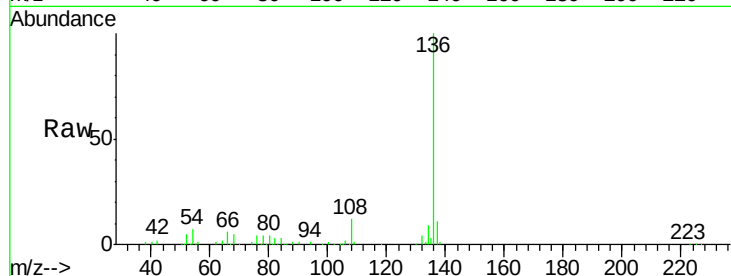
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 7.1 5.8 8.8

68 5.2 4.2 6.2

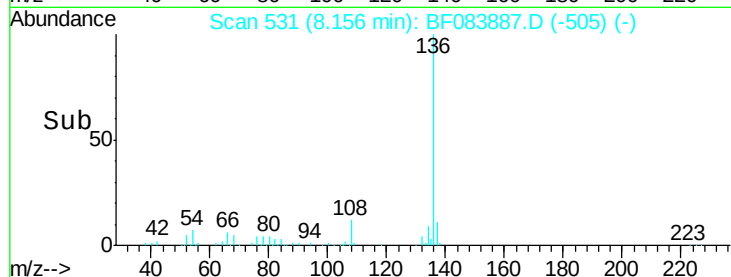


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

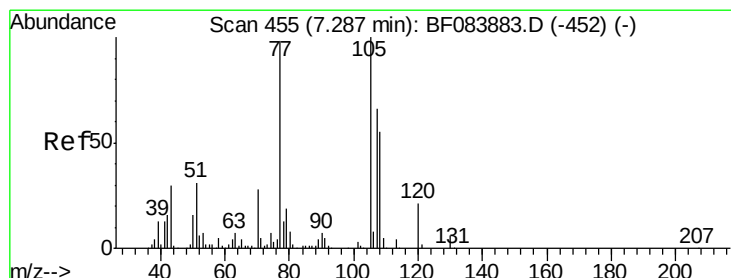
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->

8.10 8.15 8.20



#22

Acetophenone

Concen: 43.15 ng

RT: 7.29 min Scan# 455

Delta R.T. 0.00 min

Lab File: BF083887.D

Acq: 17 Dec 2015 20:56

Tgt Ion:105 Resp: 207878

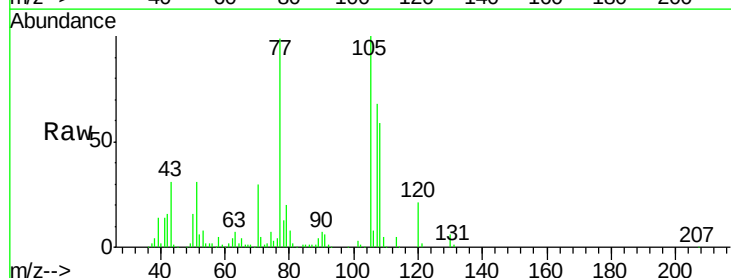
Ion Ratio Lower Upper

105 100

71 5.0 3.7 5.5

51 31.3 25.1 37.7

120 20.7 16.6 25.0

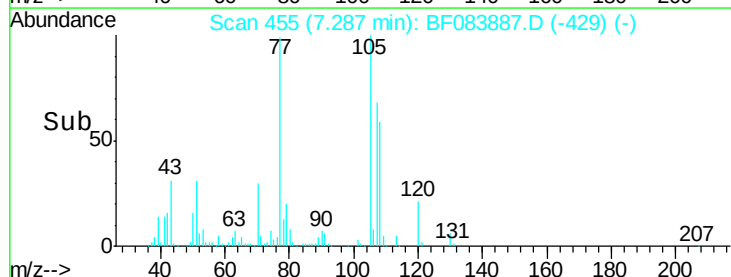


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

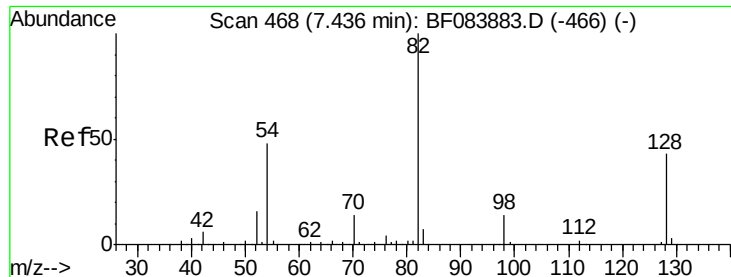
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

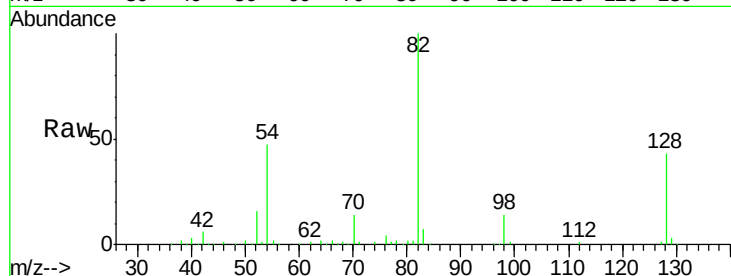
7.25 7.30 7.35



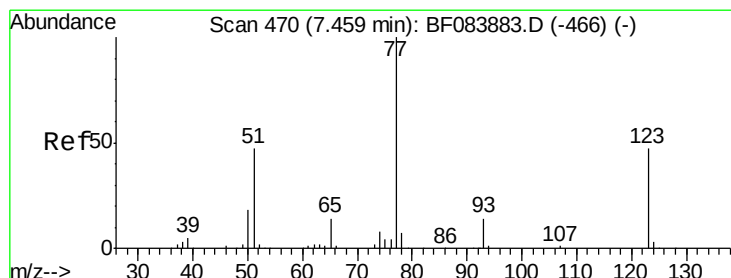
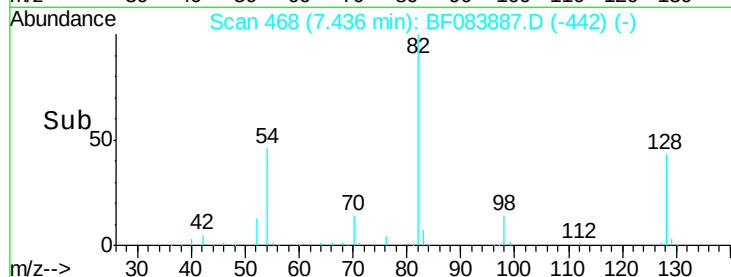
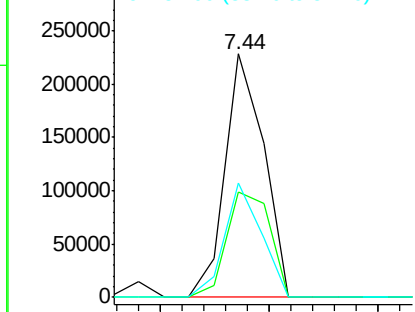
#23
 Nitrobenzene-d5
 Concen: 80.08 ng
 RT: 7.44 min Scan# 468
 Delta R.T. 0.00 min
 Lab File: BF083887.D
 Acq: 17 Dec 2015 20:56

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF121815

Tgt Ion: 82 Resp: 280773
 Ion Ratio Lower Upper
 82 100
 128 43.2 34.6 51.8
 54 47.1 38.4 57.6

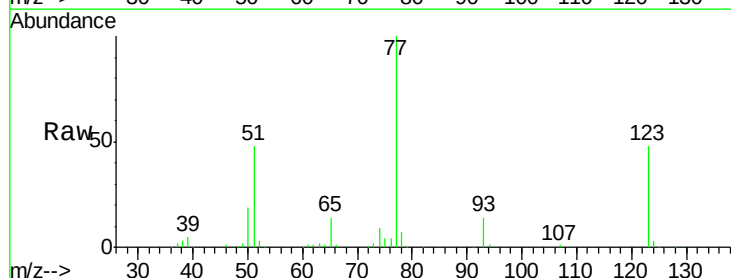


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

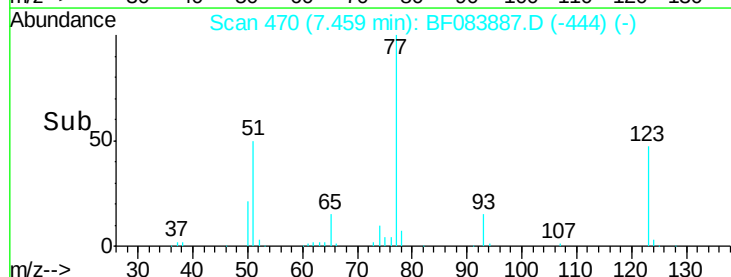
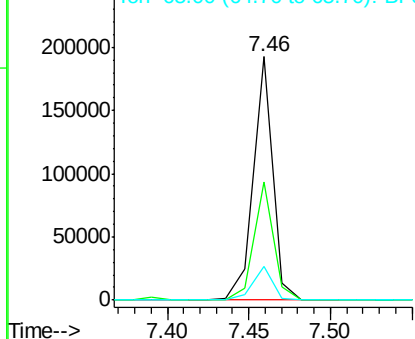


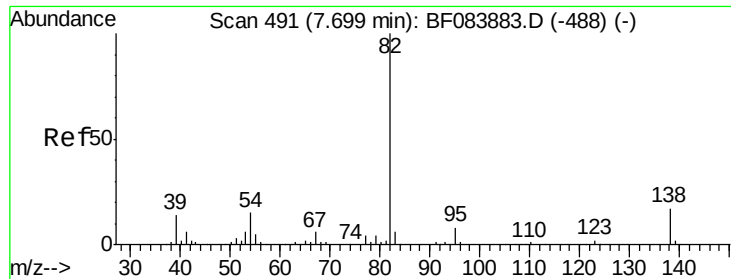
#24
 Nitrobenzene
 Concen: 44.01 ng
 RT: 7.46 min Scan# 470
 Delta R.T. 0.00 min
 Lab File: BF083887.D
 Acq: 17 Dec 2015 20:56

Tgt Ion: 77 Resp: 159563
 Ion Ratio Lower Upper
 77 100
 123 48.4 37.4 56.2
 65 13.7 10.9 16.3



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





#25

Isophorone

Concen: 40.06 ng

RT: 7.70 min Scan# 491

Delta R.T. 0.00 min

Lab File: BF083887.D

Acq: 17 Dec 2015 20:56

Instrument :

BNA_F

ClientSampleId :

ICVBF121815

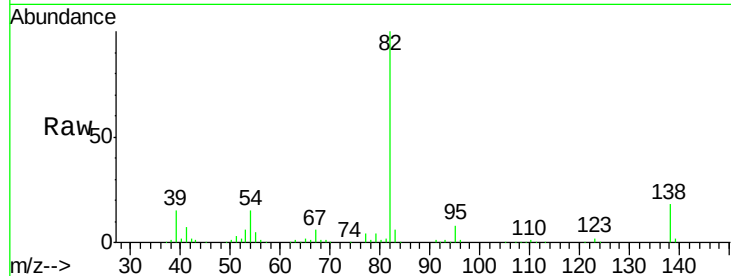
Tgt Ion: 82 Resp: 264239

Ion Ratio Lower Upper

82 100

95 8.4 6.6 10.0

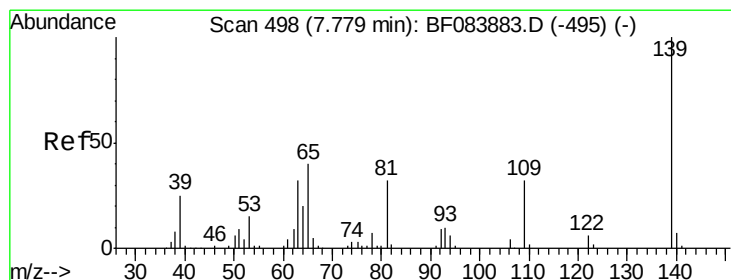
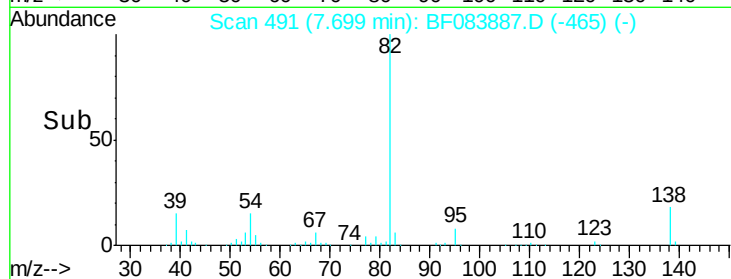
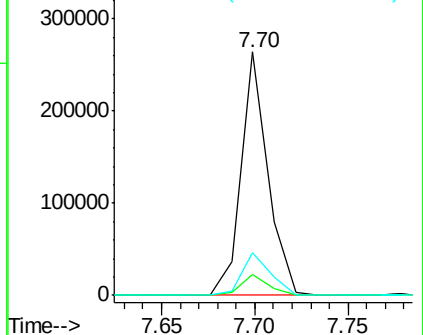
138 17.6 13.6 20.4



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: 44.07 ng

RT: 7.78 min Scan# 498

Delta R.T. 0.00 min

Lab File: BF083887.D

Acq: 17 Dec 2015 20:56

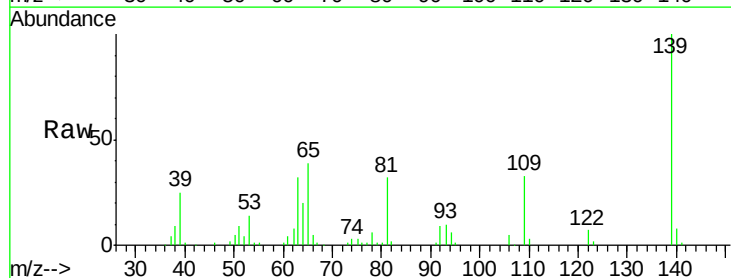
Tgt Ion: 139 Resp: 82721

Ion Ratio Lower Upper

139 100

109 32.6 25.4 38.2

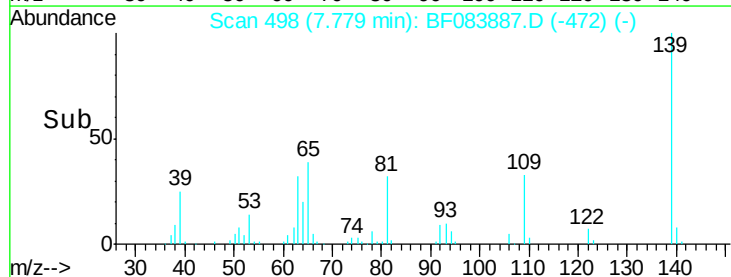
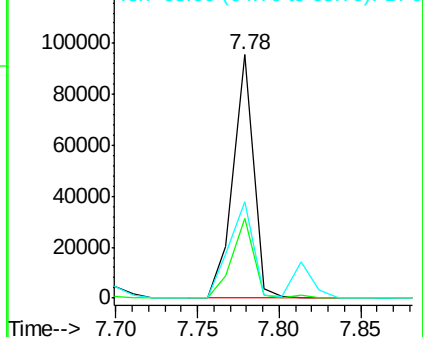
65 39.5 32.3 48.5

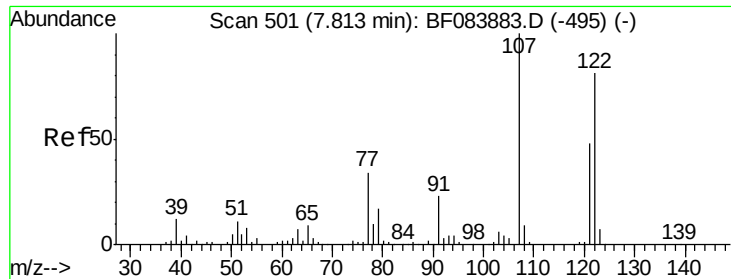


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

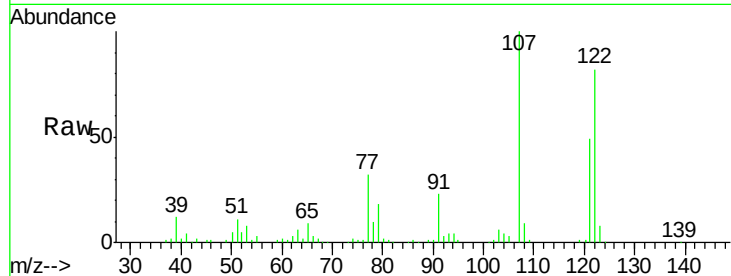




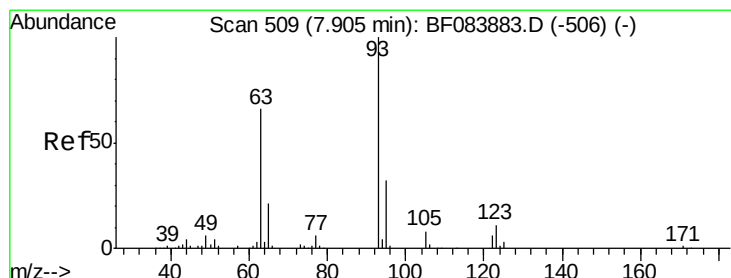
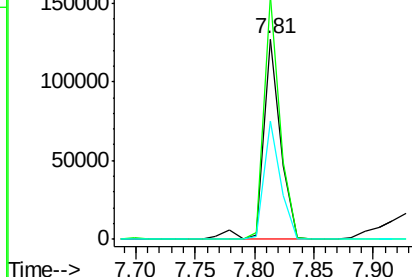
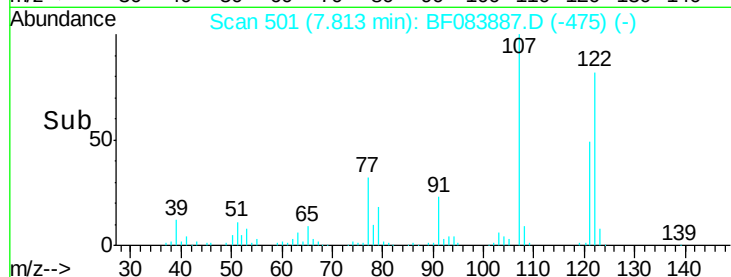
#27
 2,4-Dimethylphenol
 Concen: 39.40 ng
 RT: 7.81 min Scan# 501
 Delta R.T. 0.00 min
 Lab File: BF083887.D
 Acq: 17 Dec 2015 20:56

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF121815

Tgt Ion:122 Resp: 127389
 Ion Ratio Lower Upper
 122 100
 107 121.6 99.1 148.7
 121 59.2 47.9 71.9

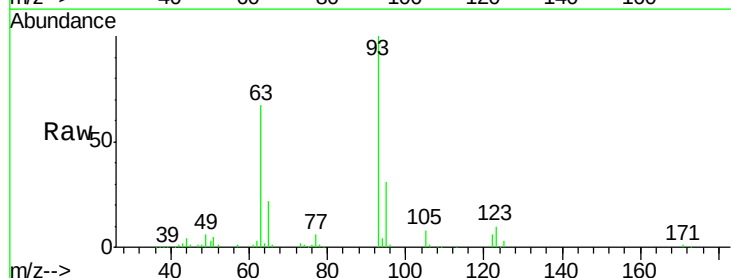


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

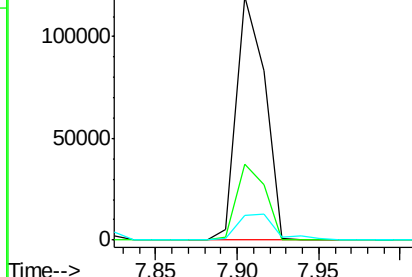
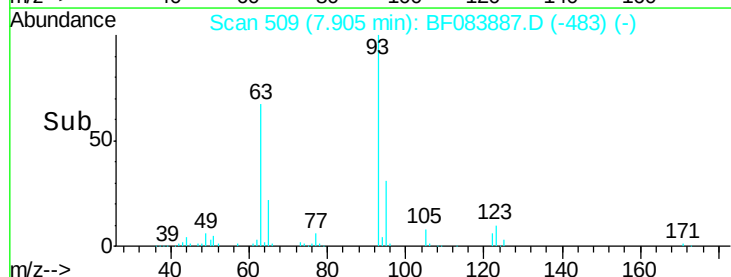


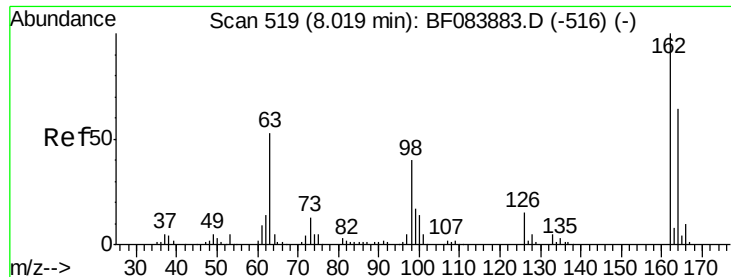
#28
 bis(2-Chloroethoxy)methane
 Concen: 36.78 ng
 RT: 7.90 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: BF083887.D
 Acq: 17 Dec 2015 20:56

Tgt Ion: 93 Resp: 143517
 Ion Ratio Lower Upper
 93 100
 95 31.4 25.8 38.6
 123 10.4 8.6 12.8



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

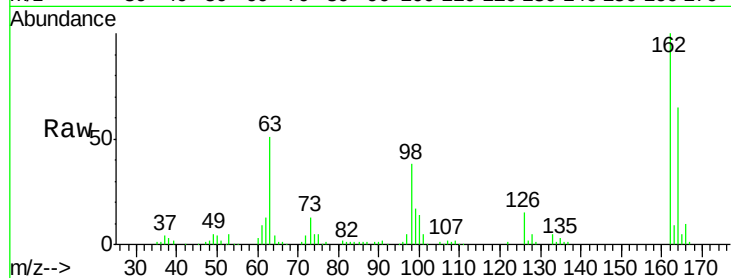




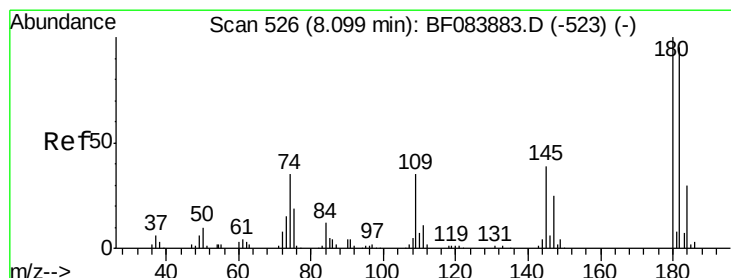
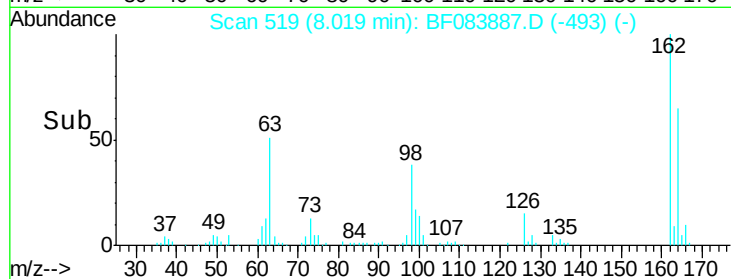
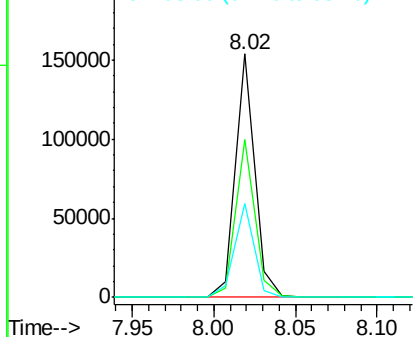
#29
 2,4-Dichlorophenol
 Concen: 42.40 ng
 RT: 8.02 min Scan# 519
 Delta R.T. 0.00 min
 Lab File: BF083887.D
 Acq: 17 Dec 2015 20:56

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF121815

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.8	44.1	84.1
98	38.4	20.2	60.2

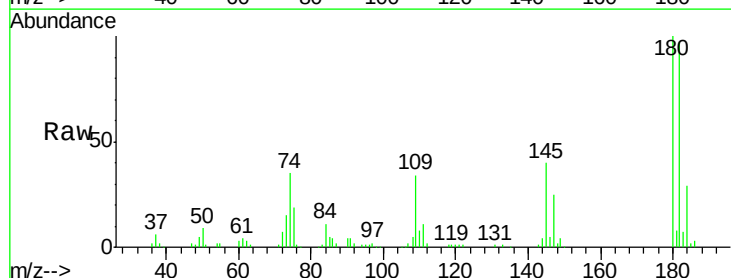


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

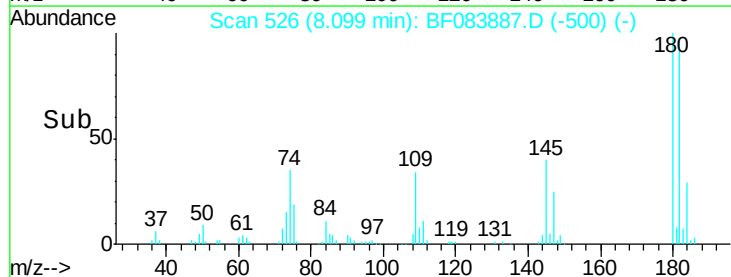
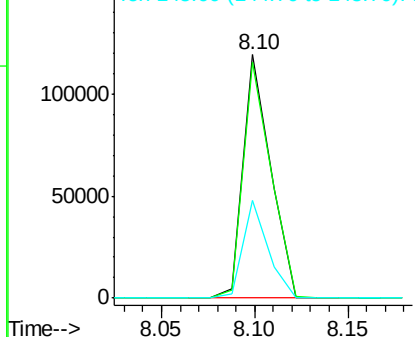


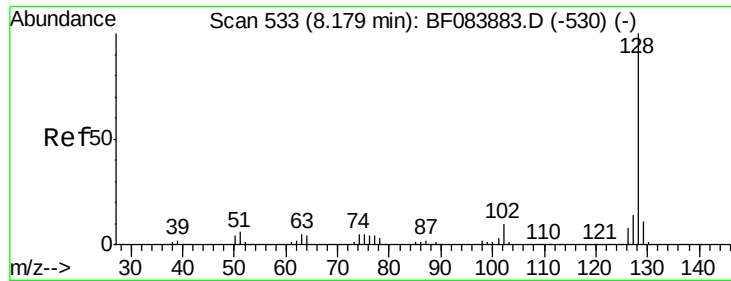
#30
 1,2,4-Trichlorobenzene
 Concen: 38.86 ng
 RT: 8.10 min Scan# 526
 Delta R.T. 0.00 min
 Lab File: BF083887.D
 Acq: 17 Dec 2015 20:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	76.4	114.6
145	40.0	31.6	47.4



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

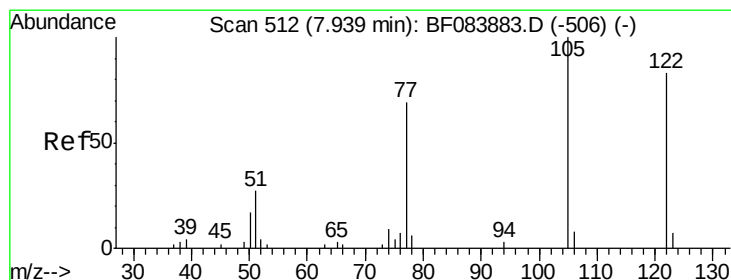
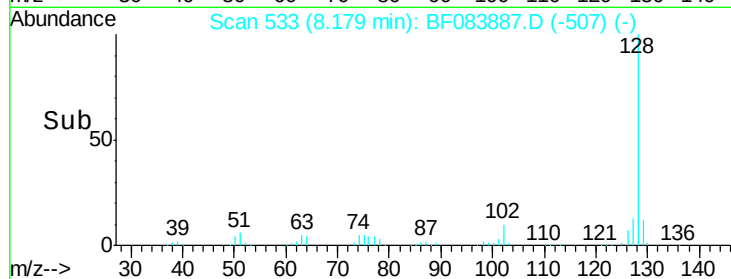
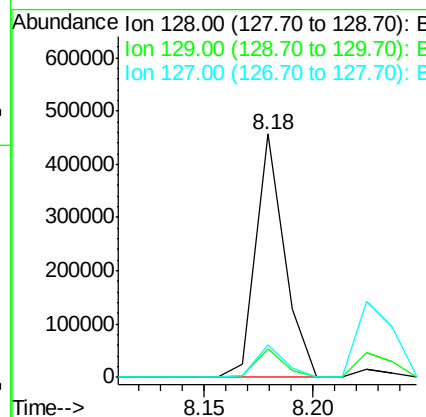
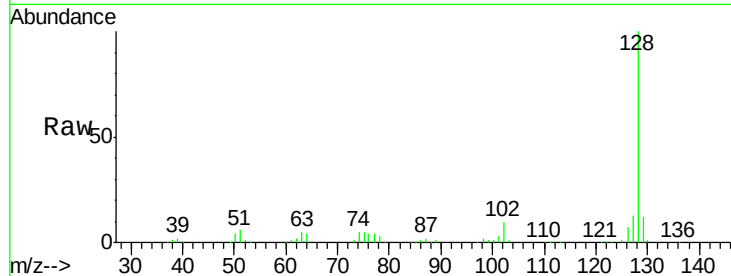




#31
Naphthalene
Concen: 41.45 ng
RT: 8.18 min Scan# 533
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

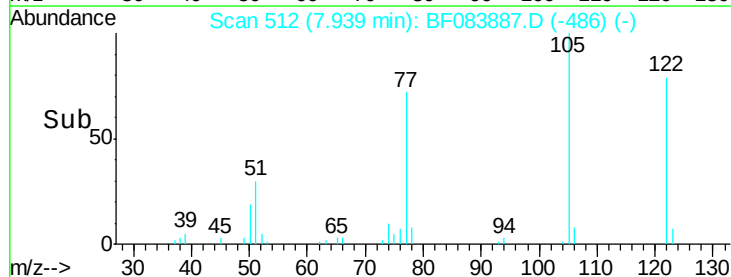
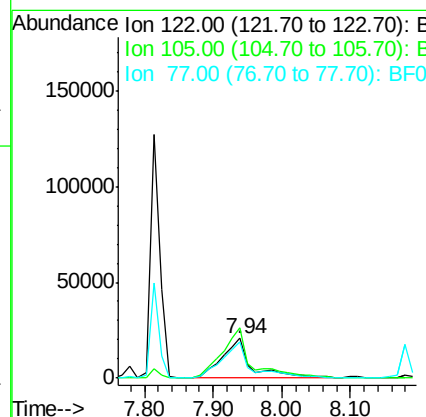
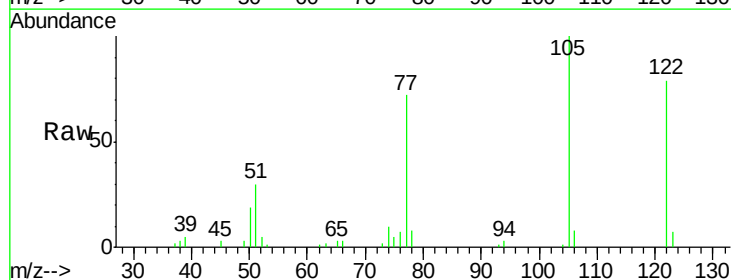
Instrument :
BNA_F
ClientSampleId :
ICVBF121815

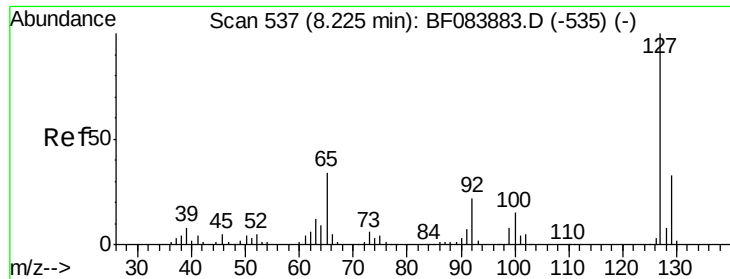
Tgt Ion:128 Resp: 419611
Ion Ratio Lower Upper
128 100
129 11.6 9.1 13.7
127 13.4 11.1 16.7



#32
Benzoic acid
Concen: 51.14 ng
RT: 7.94 min Scan# 512
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Tgt Ion:122 Resp: 62500
Ion Ratio Lower Upper
122 100
105 125.9 100.3 140.3
77 91.0 63.5 103.5

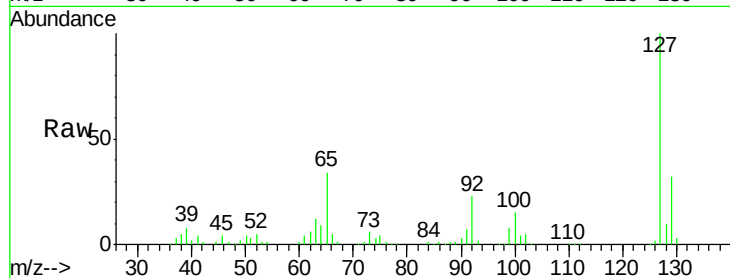




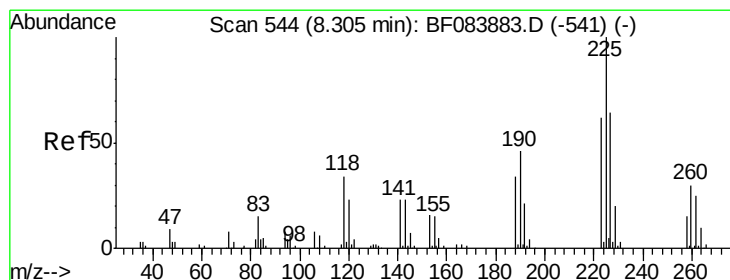
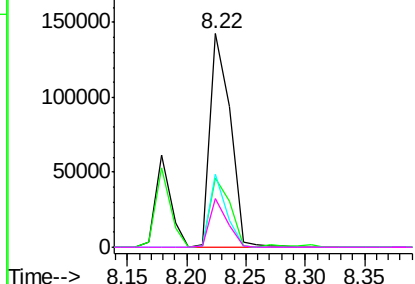
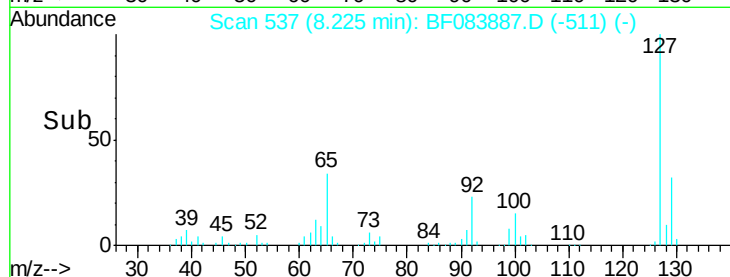
#33
4-Chloroaniline
Concen: 37.13 ng
RT: 8.22 min Scan# 537
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Instrument :
BNA_F
ClientSampleId :
ICVBF121815

Tgt Ion:	127	Resp:	168639
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.5	39.7
65	34.0	27.2	40.8
92	22.5	17.7	26.5

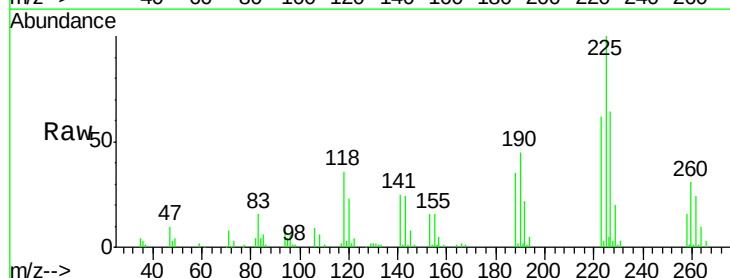


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

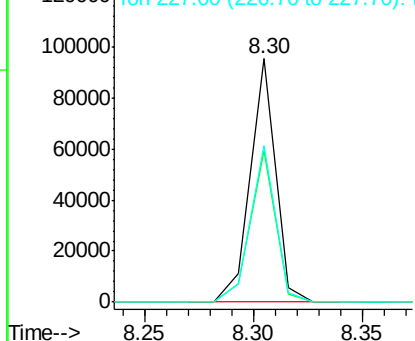
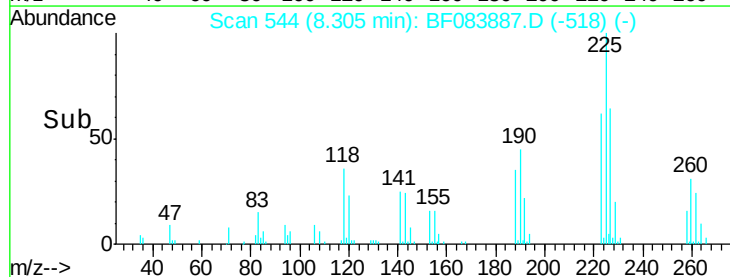


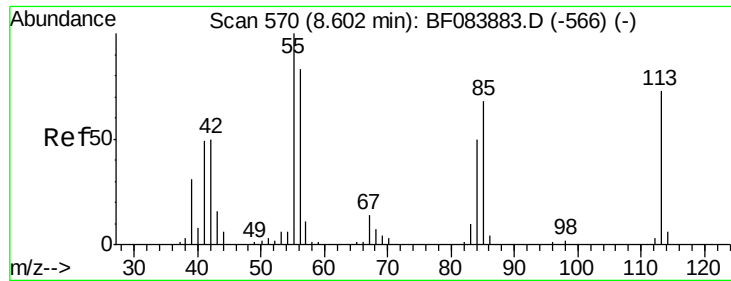
#34
Hexachlorobutadiene
Concen: 39.22 ng
RT: 8.30 min Scan# 544
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Tgt Ion:	225	Resp:	77151
Ion	Ratio	Lower	Upper
225	100		
223	62.4	49.4	74.0
227	64.2	50.8	76.2



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

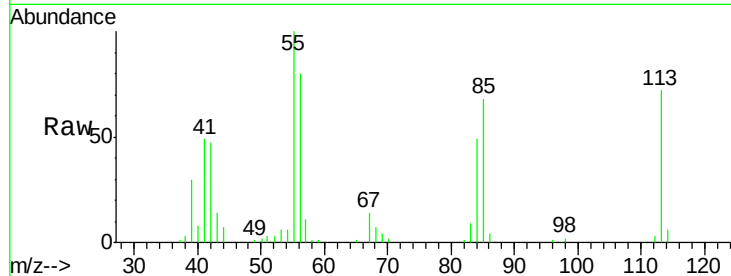




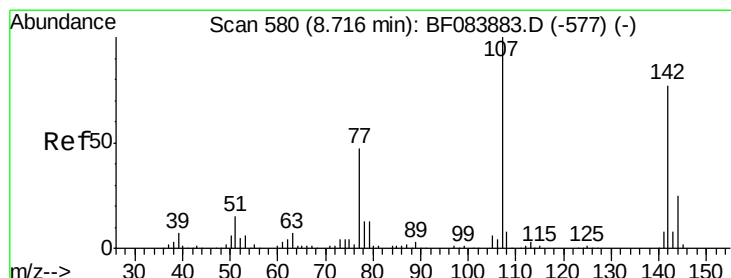
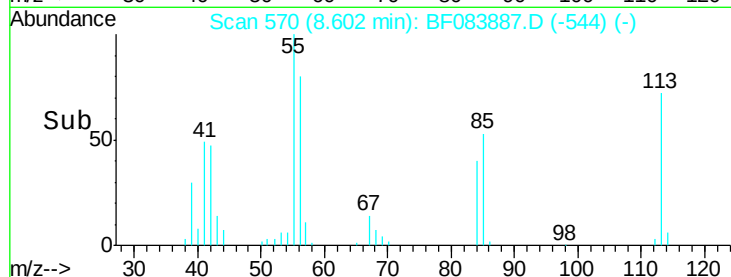
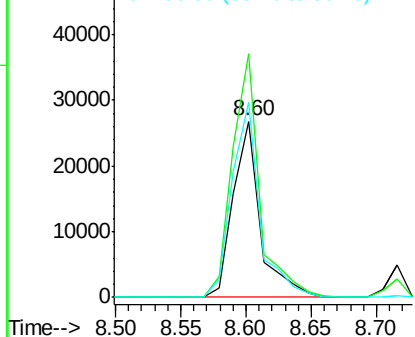
#35
 Caprolactam
 Concen: 39.47 ng
 RT: 8.60 min Scan# 570
 Delta R.T. 0.00 min
 Lab File: BF083887.D
 Acq: 17 Dec 2015 20:56

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF121815

Tgt Ion:113 Resp: 38255
 Ion Ratio Lower Upper
 113 100
 55 138.4 116.9 156.9
 56 110.5 93.8 133.8

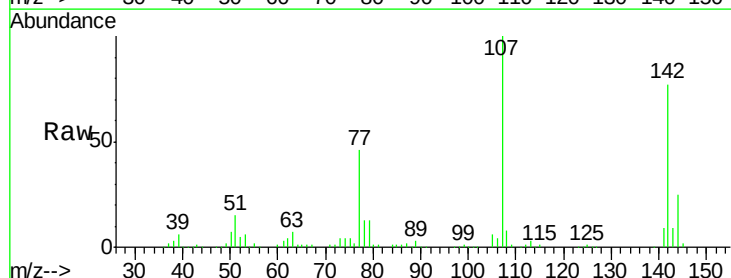


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

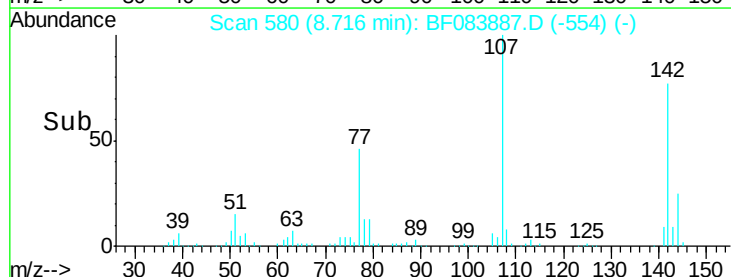
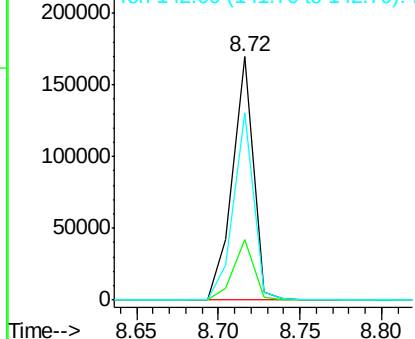


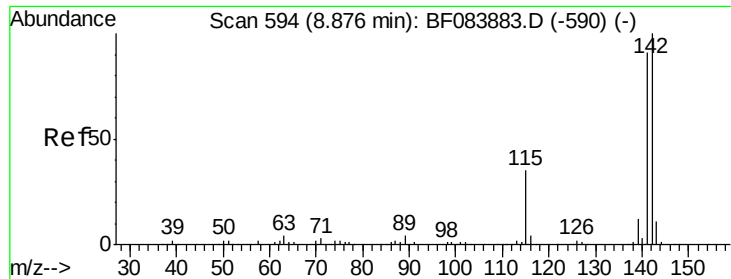
#36
 4-Chloro-3-methylphenol
 Concen: 45.38 ng
 RT: 8.72 min Scan# 580
 Delta R.T. 0.00 min
 Lab File: BF083887.D
 Acq: 17 Dec 2015 20:56

Tgt Ion:107 Resp: 150194
 Ion Ratio Lower Upper
 107 100
 144 25.0 19.7 29.5
 142 76.7 61.8 92.6



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

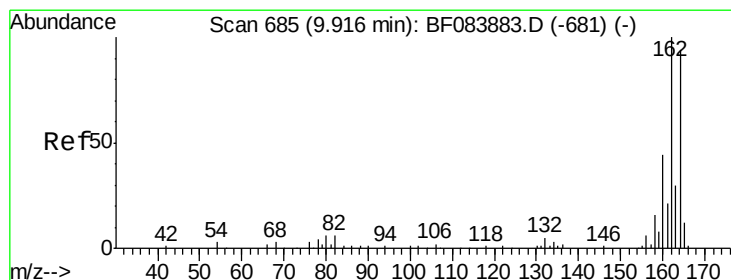
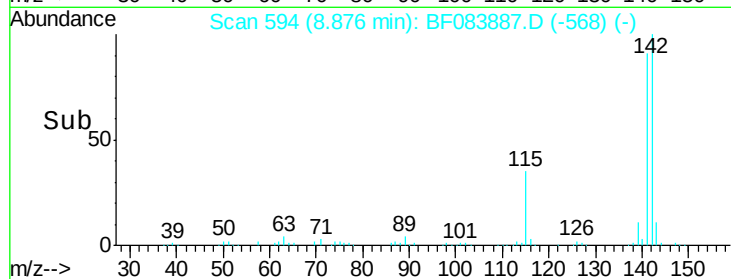
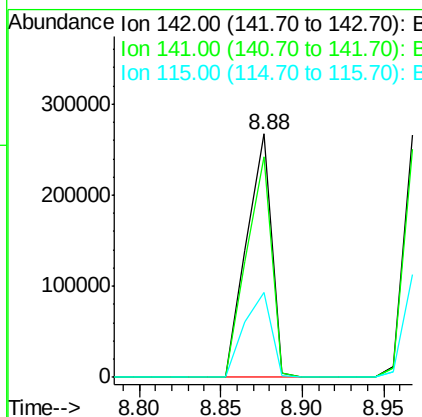
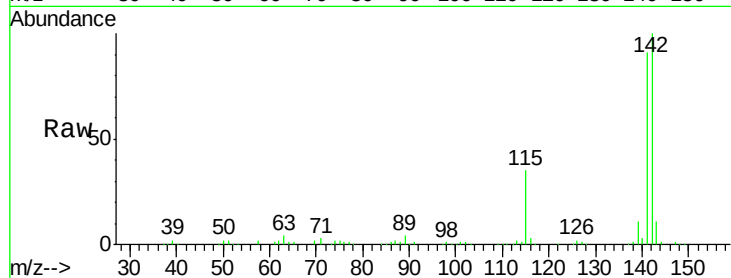




#37
2-Methylnaphthalene
Concen: 40.74 ng
RT: 8.88 min Scan# 594
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

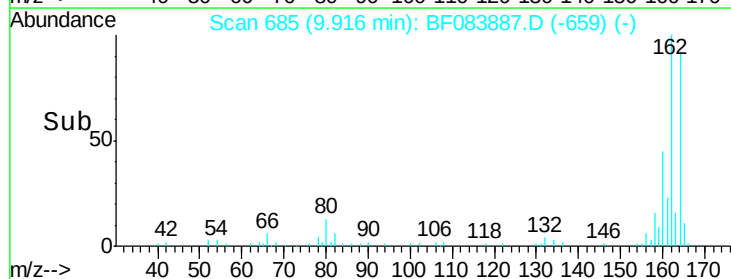
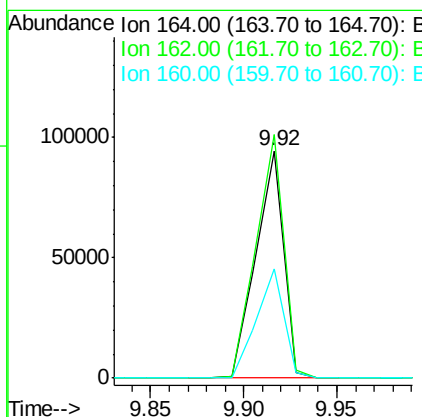
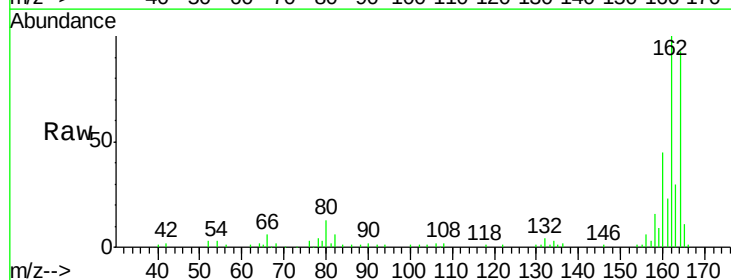
Instrument :
BNA_F
ClientSampleId :
ICVBF121815

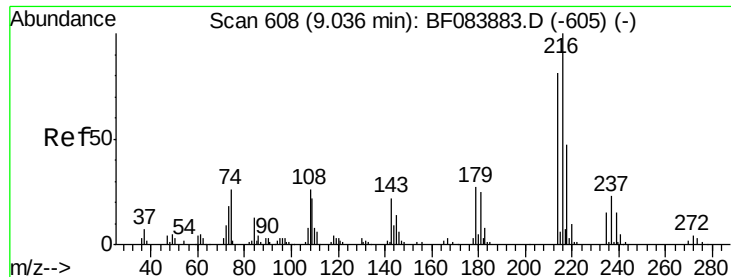
Tgt Ion:142 Resp: 283320
Ion Ratio Lower Upper
142 100
141 90.8 72.4 108.6
115 34.7 27.9 41.9



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 685
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Tgt Ion:164 Resp: 96377
Ion Ratio Lower Upper
164 100
162 107.1 85.1 127.7
160 47.9 37.5 56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.90 ng

RT: 9.04 min Scan# 608

Delta R.T. 0.00 min

Lab File: BF083887.D

Acq: 17 Dec 2015 20:56

Instrument :

BNA_F

ClientSampleId :

ICVBF121815

Tgt Ion:216 Resp: 121260

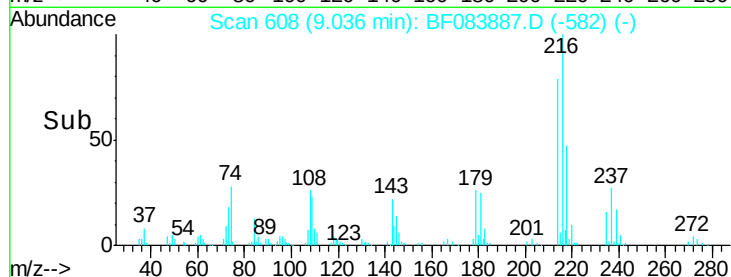
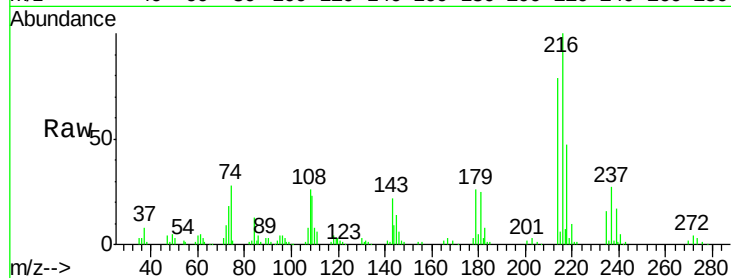
Ion Ratio Lower Upper

216 100

214 77.6 64.2 96.2

179 23.0 18.7 28.1

108 20.1 16.8 25.2

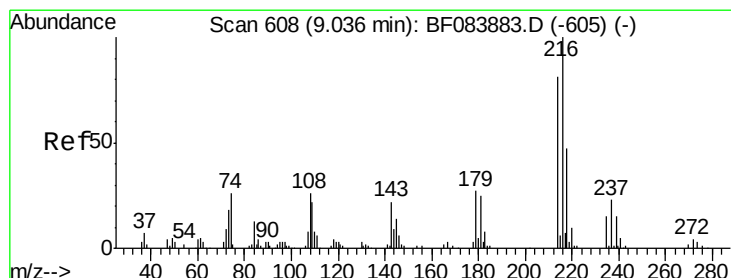
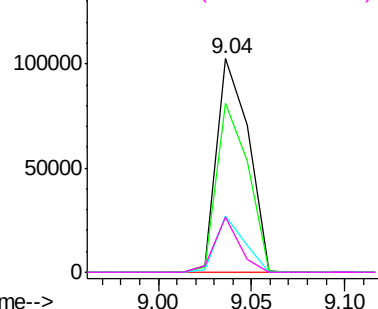


Abundance Ion 216.00 (215.70 to 216.70): E

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: 42.82 ng

RT: 9.04 min Scan# 608

Delta R.T. 0.00 min

Lab File: BF083887.D

Acq: 17 Dec 2015 20:56

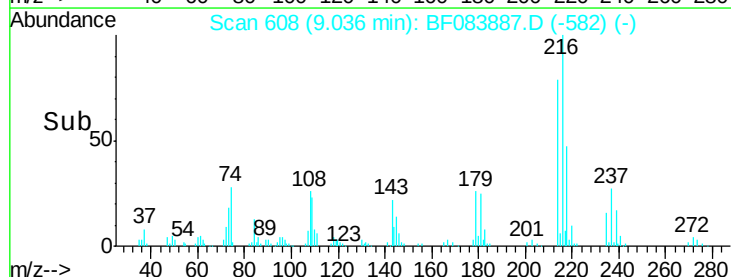
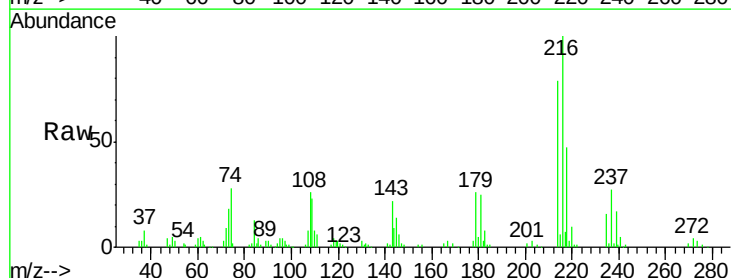
Tgt Ion:237 Resp: 32134

Ion Ratio Lower Upper

237 100

235 61.3 43.1 83.1

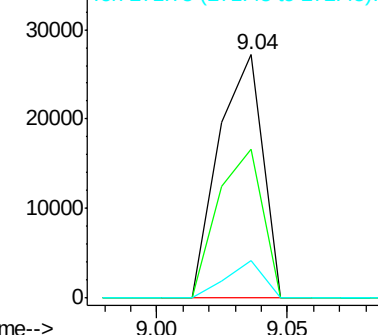
272 15.3 0.0 35.1

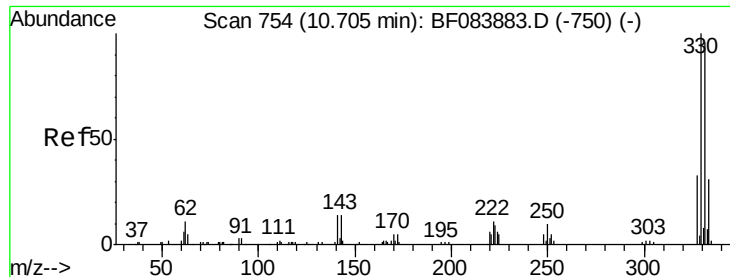


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

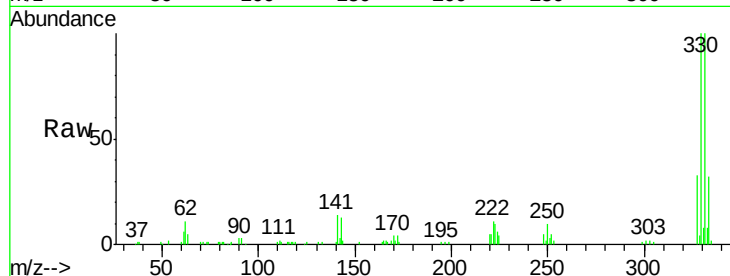




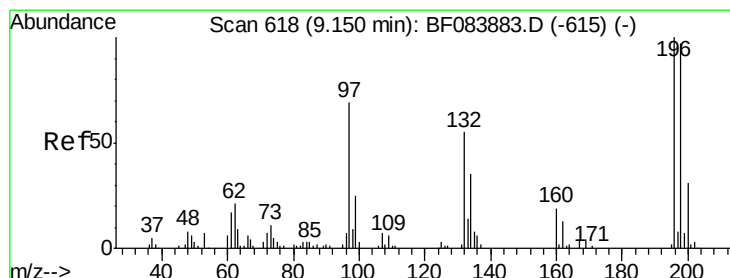
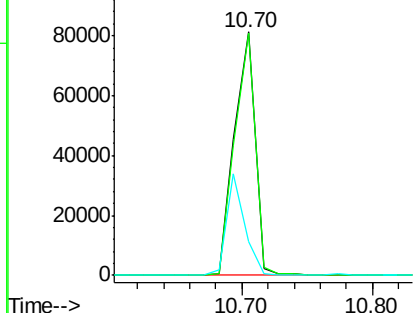
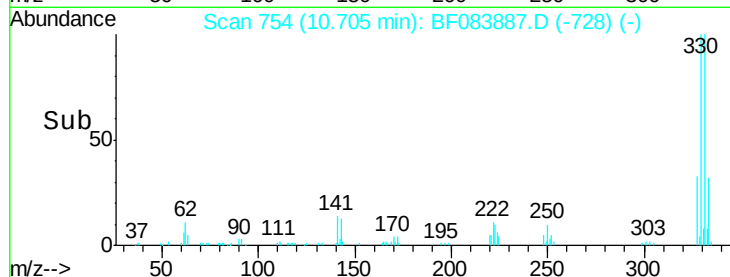
#41
 2,4,6-Tribromophenol
 Concen: 84.97 ng
 RT: 10.70 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: BF083887.D
 Acq: 17 Dec 2015 20:56

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF121815

Tgt Ion:330 Resp: 90218
 Ion Ratio Lower Upper
 330 100
 332 97.7 76.6 114.8
 141 36.1 27.8 41.6

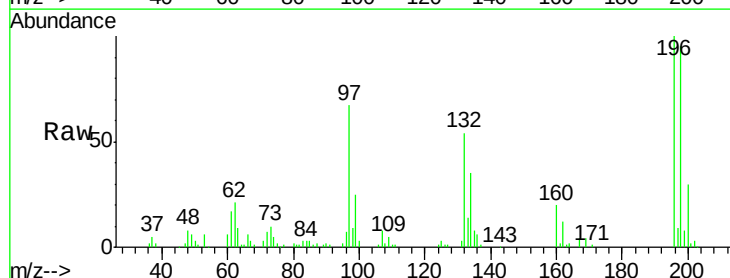


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

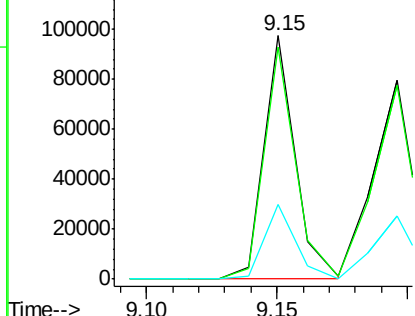
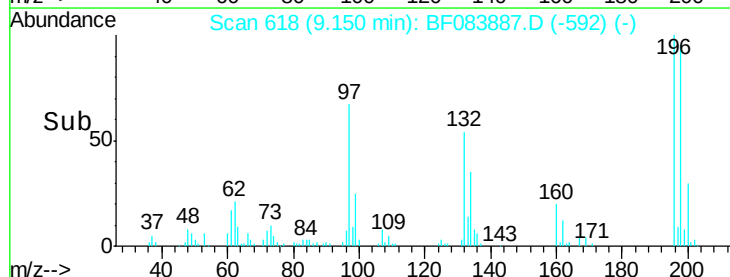


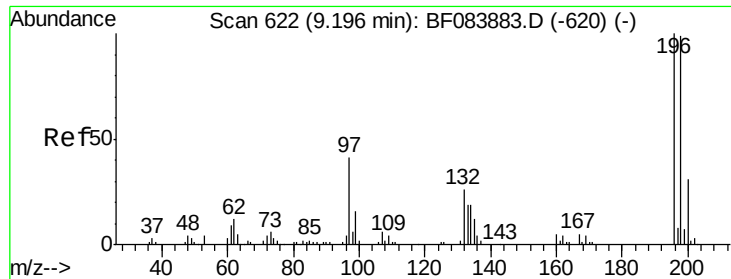
#42
 2,4,6-Trichlorophenol
 Concen: 40.57 ng
 RT: 9.15 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: BF083887.D
 Acq: 17 Dec 2015 20:56

Tgt Ion:196 Resp: 81409
 Ion Ratio Lower Upper
 196 100
 198 95.3 77.7 116.5
 200 30.4 24.6 37.0



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

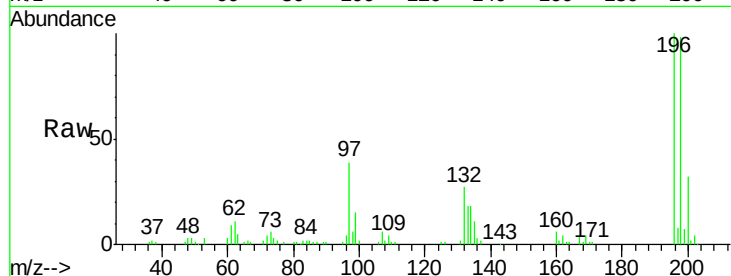




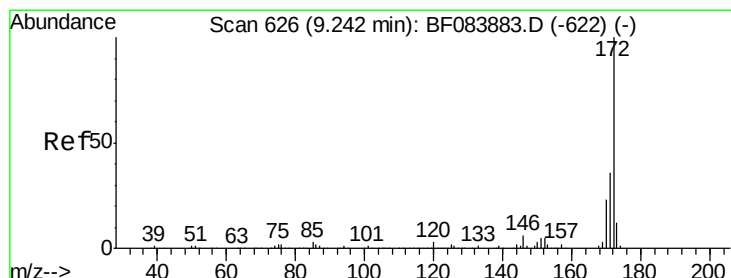
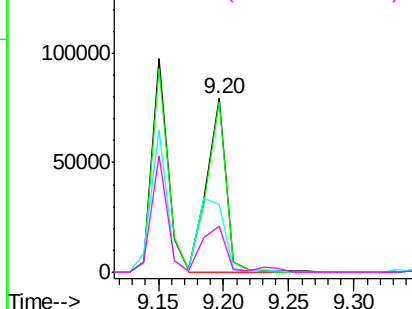
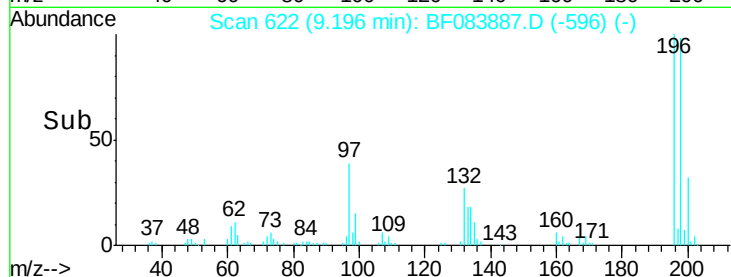
#43
 2,4,5-Trichlorophenol
 Concen: 41.43 ng
 RT: 9.20 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF083887.D
 Acq: 17 Dec 2015 20:56

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF121815

Tgt Ion:	196	Resp:	82265
Ion	Ratio	Lower	Upper
196	100		
198	97.5	79.0	118.6
97	39.2	33.0	49.6
132	26.6	21.1	31.7

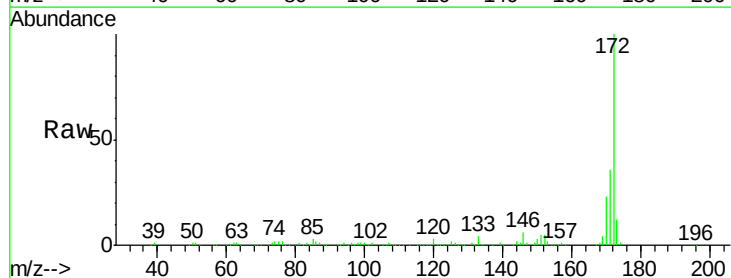


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

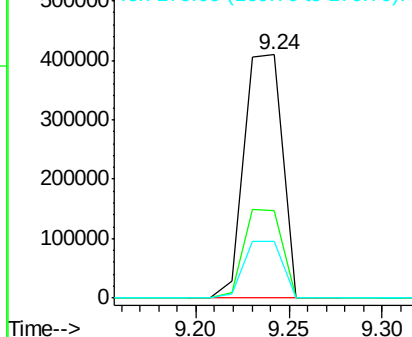
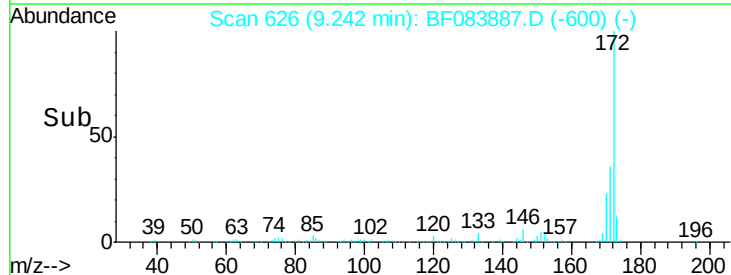


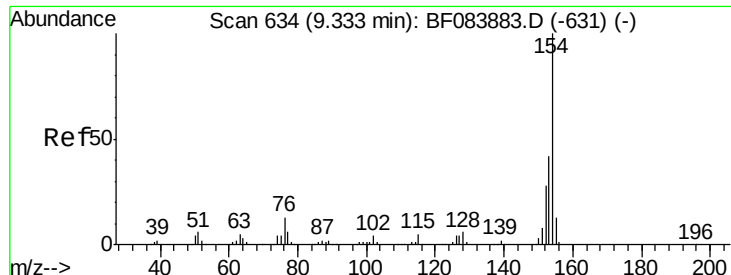
#44
 2-Fluorobiphenyl
 Concen: 84.21 ng
 RT: 9.24 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: BF083887.D
 Acq: 17 Dec 2015 20:56

Tgt Ion:	172	Resp:	578813
Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.9	43.3
170	23.5	18.6	27.8



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

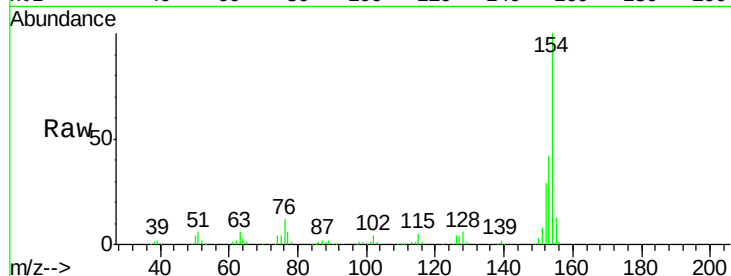




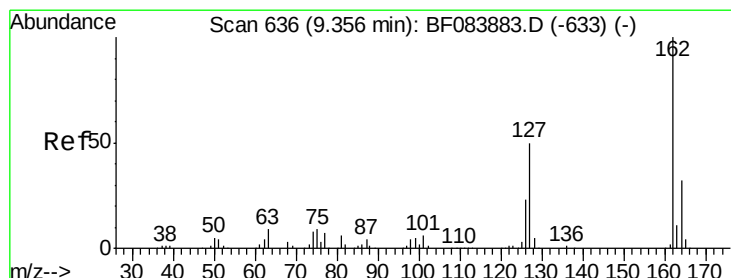
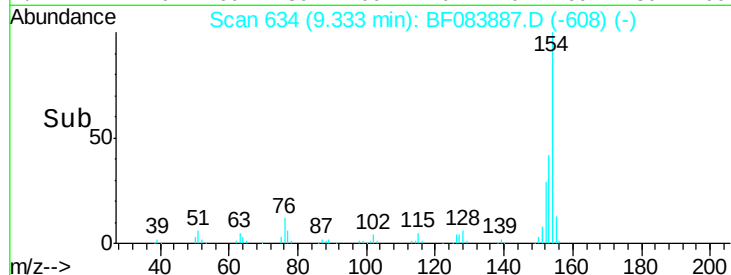
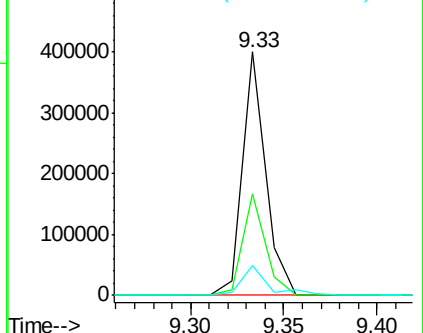
#45
 1,1'-Biphenyl
 Concen: 42.69 ng
 RT: 9.33 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: BF083887.D
 Acq: 17 Dec 2015 20:56

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF121815

Tgt Ion:154 Resp: 345990
 Ion Ratio Lower Upper
 154 100
 153 41.8 21.6 61.6
 76 12.1 0.0 32.7

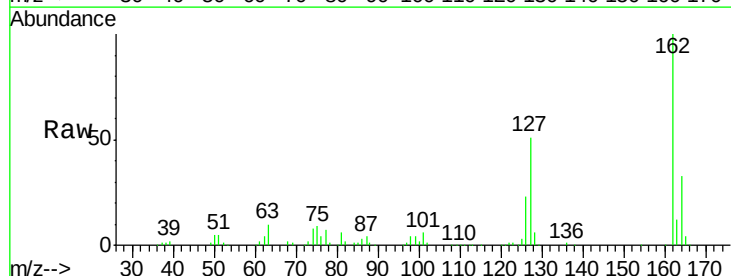


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

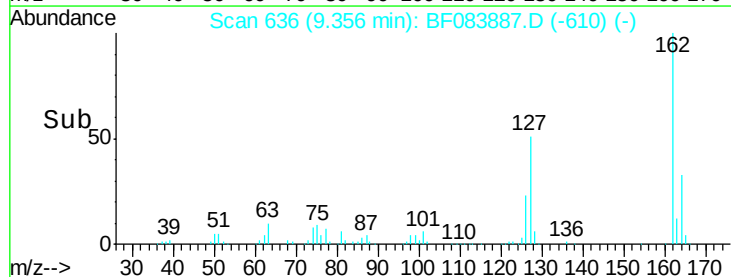
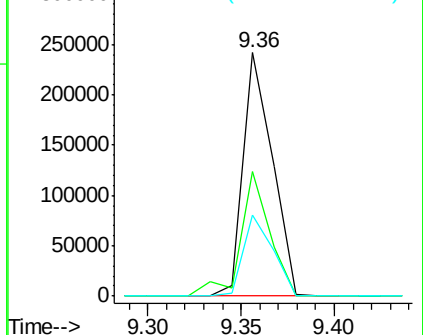


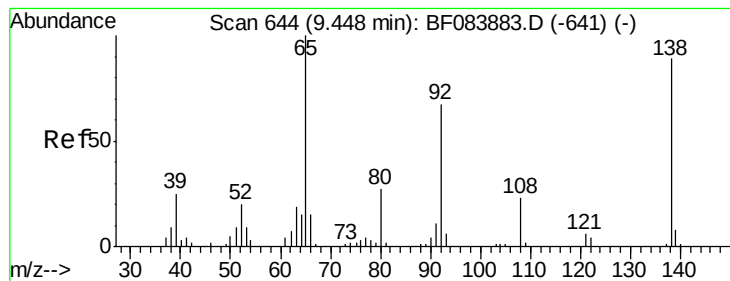
#46
 2-Chloronaphthalene
 Concen: 41.28 ng
 RT: 9.36 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: BF083887.D
 Acq: 17 Dec 2015 20:56

Tgt Ion:162 Resp: 262323
 Ion Ratio Lower Upper
 162 100
 127 51.0 40.2 60.4
 164 33.0 25.7 38.5



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: 38.65 ng

RT: 9.45 min Scan# 644

Delta R.T. 0.00 min

Lab File: BF083887.D

Acq: 17 Dec 2015 20:56

Instrument :

BNA_F

ClientSampleId :

ICVBF121815

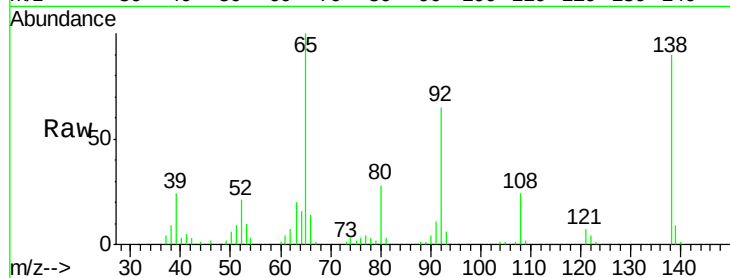
Tgt Ion: 65 Resp: 73667

Ion Ratio Lower Upper

65 100

92 65.2 53.4 80.2

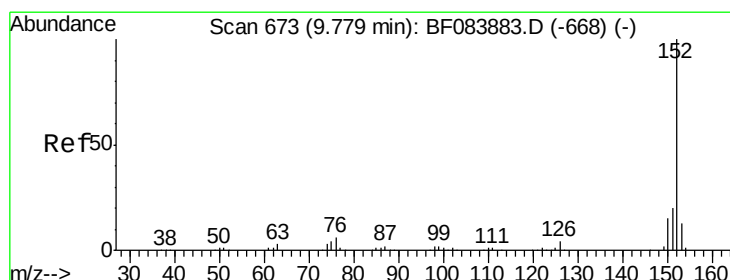
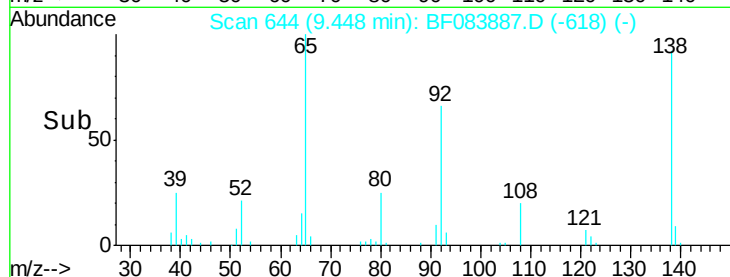
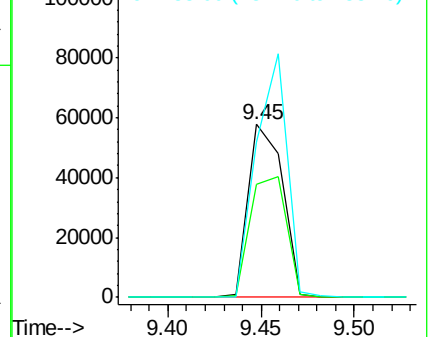
138 90.1 71.1 106.7



Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 40.87 ng

RT: 9.78 min Scan# 673

Delta R.T. 0.00 min

Lab File: BF083887.D

Acq: 17 Dec 2015 20:56

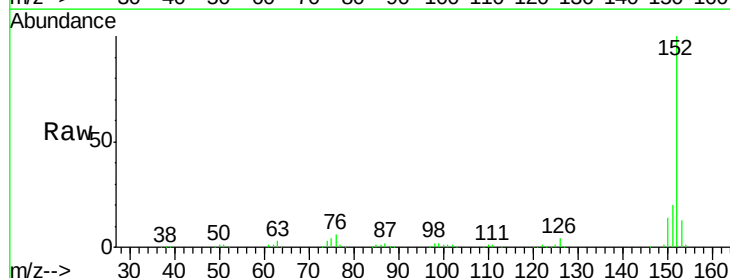
Tgt Ion: 152 Resp: 459159

Ion Ratio Lower Upper

152 100

151 20.2 16.3 24.5

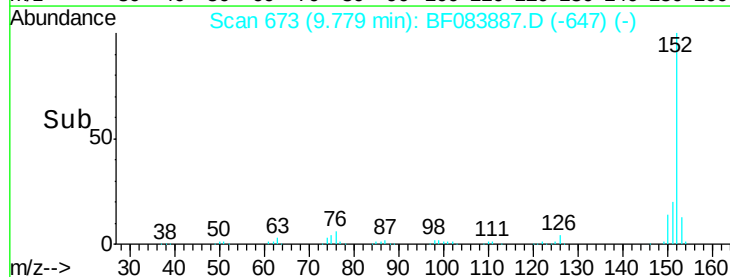
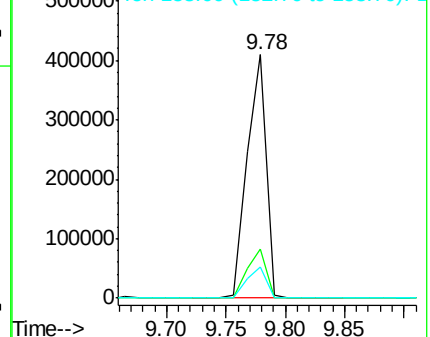
153 12.7 10.4 15.6

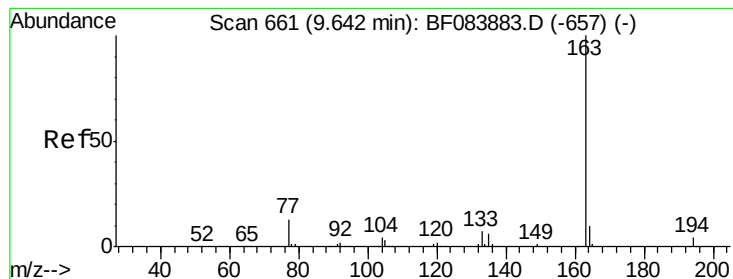


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 42.24 ng

RT: 9.64 min Scan# 661

Delta R.T. 0.00 min

Lab File: BF083887.D

Acq: 17 Dec 2015 20:56

Instrument :

BNA_F

ClientSampleId :

ICVBF121815

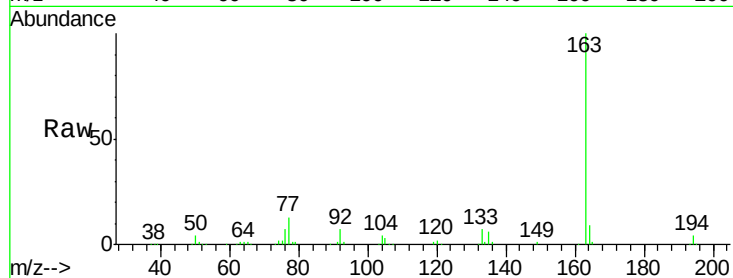
Tgt Ion:163 Resp: 341586

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.6

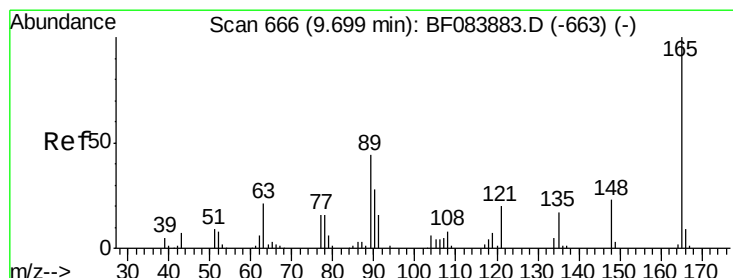
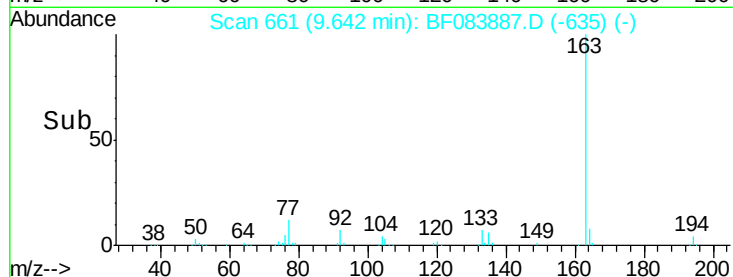
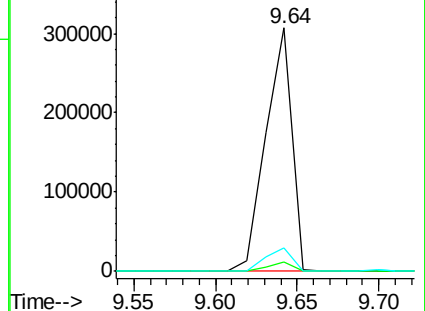
164 9.5 7.9 11.9



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 43.79 ng

RT: 9.70 min Scan# 666

Delta R.T. 0.00 min

Lab File: BF083887.D

Acq: 17 Dec 2015 20:56

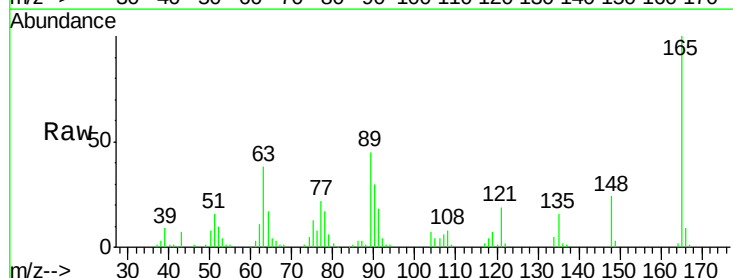
Tgt Ion:165 Resp: 77247

Ion Ratio Lower Upper

165 100

63 37.6 28.8 43.2

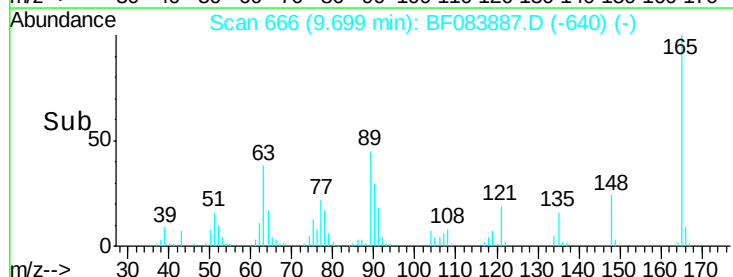
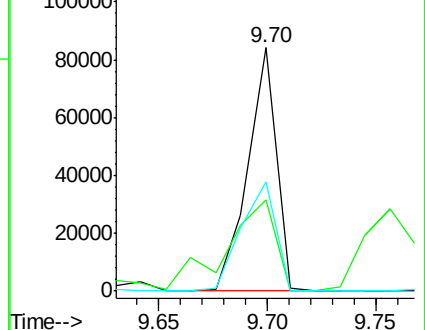
89 45.0 35.1 52.7

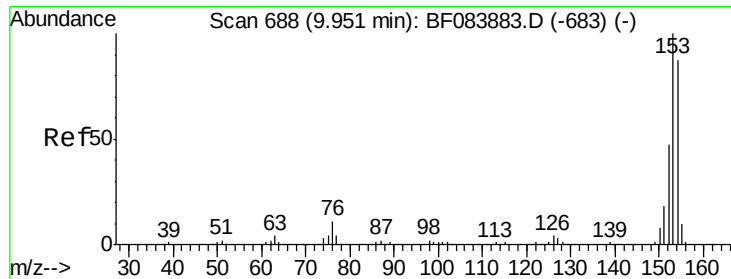


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.25 ng

RT: 9.95 min Scan# 688

Delta R.T. 0.00 min

Lab File: BF083887.D

Acq: 17 Dec 2015 20:56

Instrument :

BNA_F

ClientSampleId :

ICVBF121815

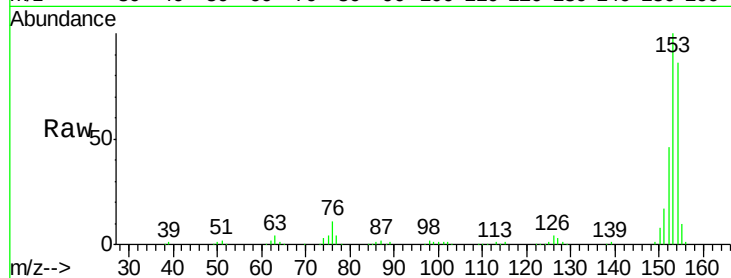
Tgt Ion:154 Resp: 278064

Ion Ratio Lower Upper

154 100

153 116.5 91.5 137.3

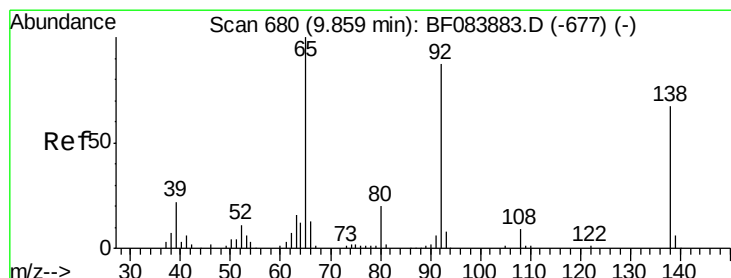
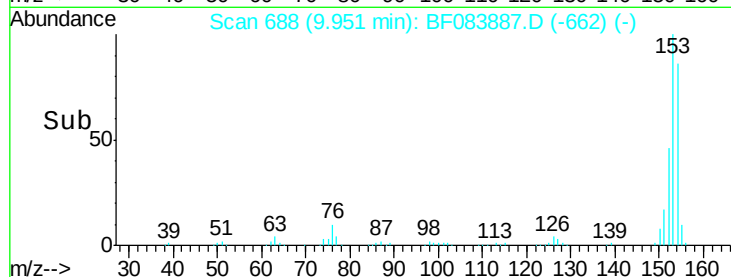
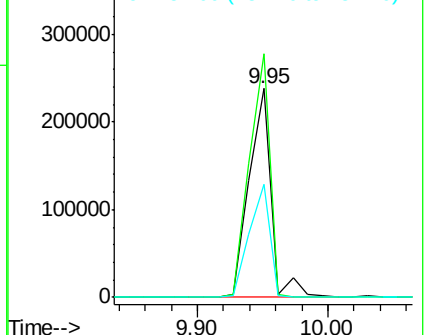
152 53.9 43.0 64.6



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: 39.45 ng

RT: 9.86 min Scan# 680

Delta R.T. 0.00 min

Lab File: BF083887.D

Acq: 17 Dec 2015 20:56

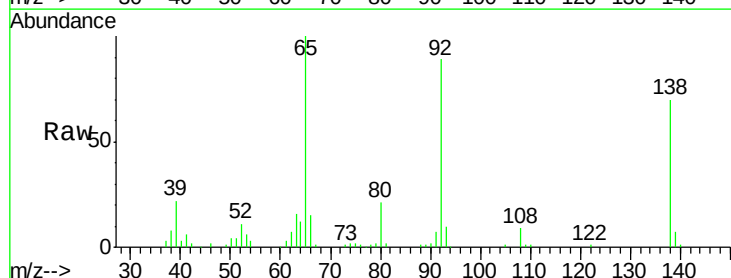
Tgt Ion:138 Resp: 73364

Ion Ratio Lower Upper

138 100

108 13.3 10.5 15.7

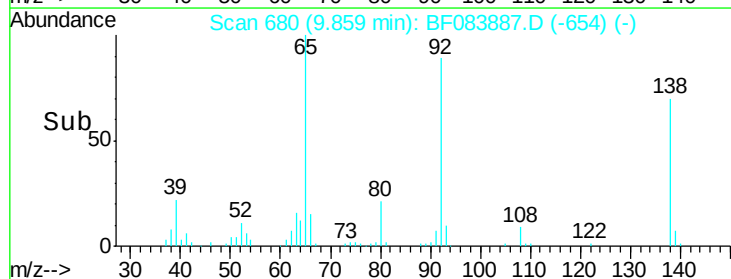
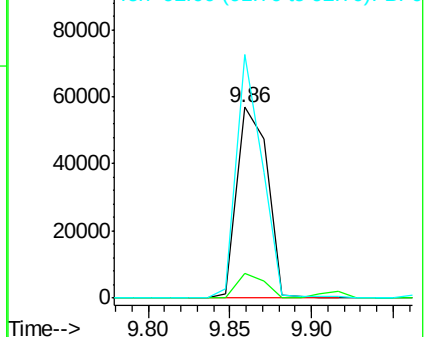
92 127.6 103.9 155.9

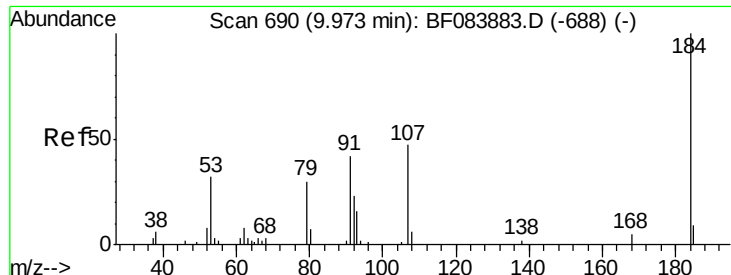


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

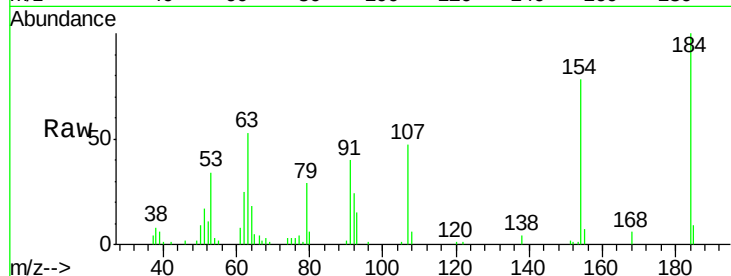




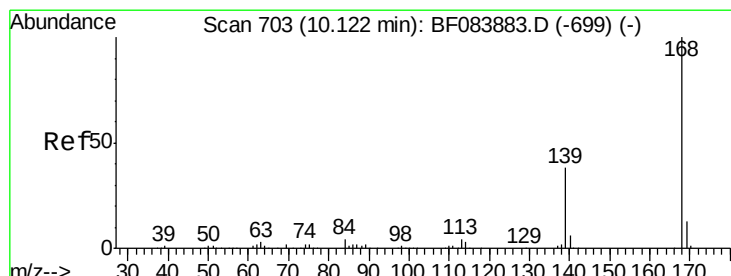
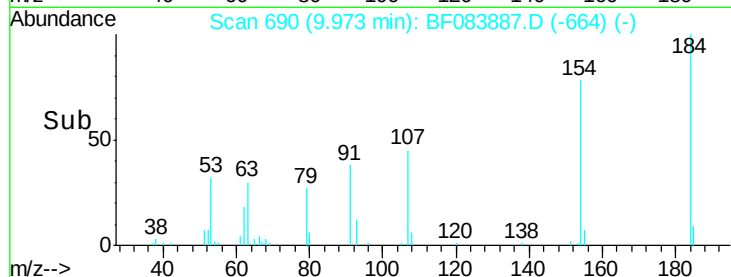
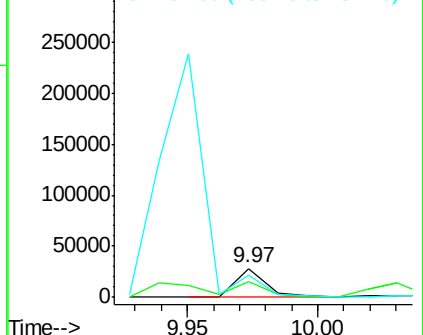
#53
2,4-Dinitrophenol
Concen: 43.43 ng
RT: 9.97 min Scan# 690
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Instrument :
BNA_F
ClientSampleId :
ICVBF121815

Tgt Ion:184 Resp: 24085
Ion Ratio Lower Upper
184 100
63 53.0 43.1 64.7
154 77.9 60.5 90.7

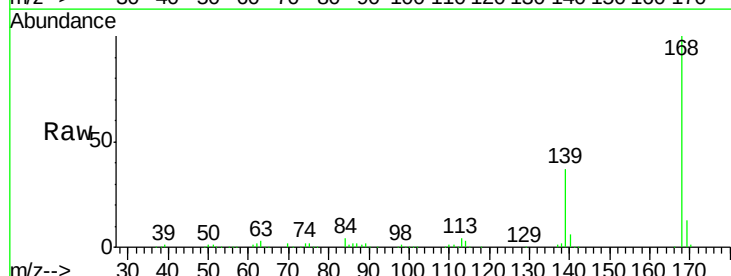


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

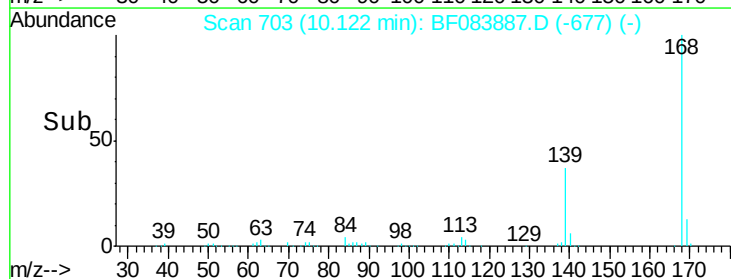
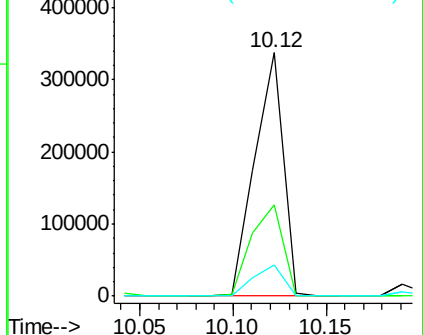


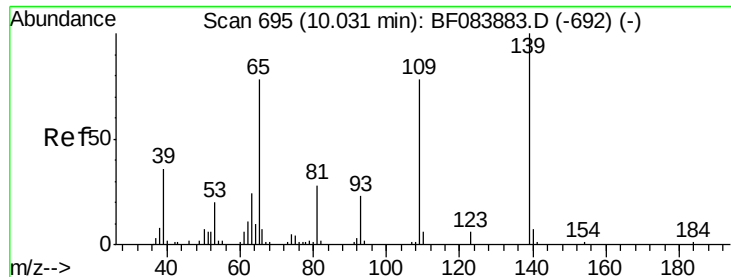
#54
Dibenzofuran
Concen: 39.63 ng
RT: 10.12 min Scan# 703
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Tgt Ion:168 Resp: 355529
Ion Ratio Lower Upper
168 100
139 37.4 30.5 45.7
169 13.0 10.4 15.6



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: 48.03 ng

RT: 10.03 min Scan# 695

Delta R.T. 0.00 min

Lab File: BF083887.D

Acq: 17 Dec 2015 20:56

Instrument :

BNA_F

ClientSampleId :

ICVBF121815

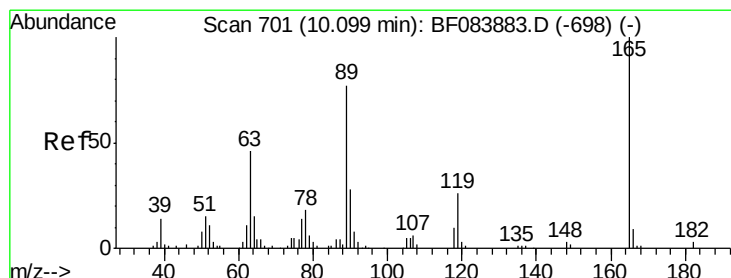
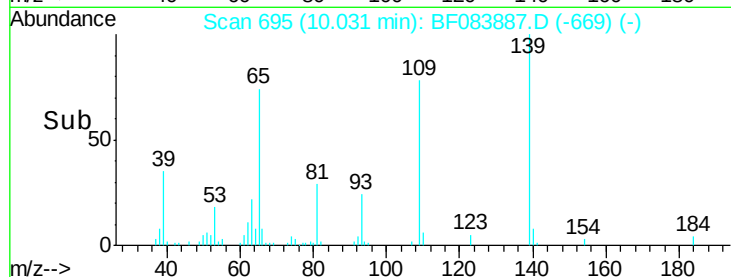
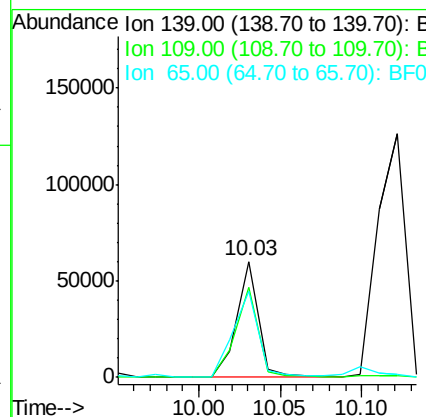
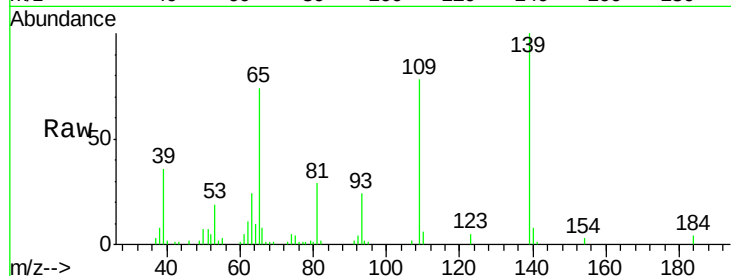
Tgt Ion:139 Resp: 55758

Ion Ratio Lower Upper

139 100

109 78.2 58.5 98.5

65 74.1 57.6 97.6



#56

2,4-Dinitrotoluene

Concen: 43.24 ng

RT: 10.10 min Scan# 701

Delta R.T. 0.00 min

Lab File: BF083887.D

Acq: 17 Dec 2015 20:56

Tgt Ion:165 Resp: 97773

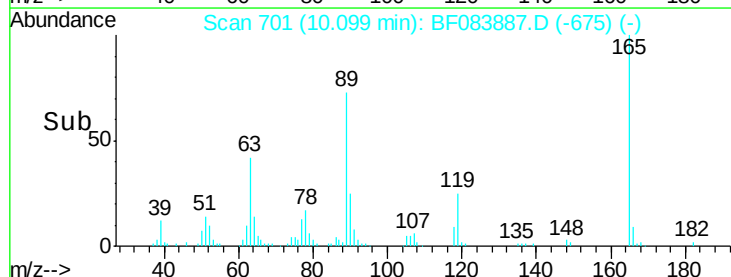
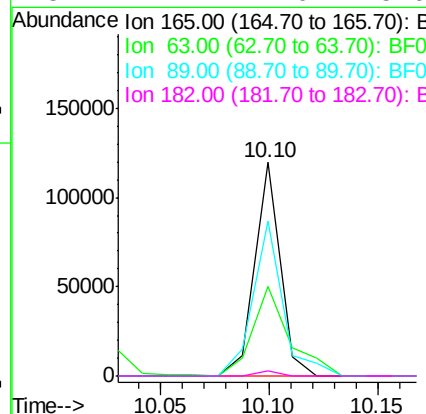
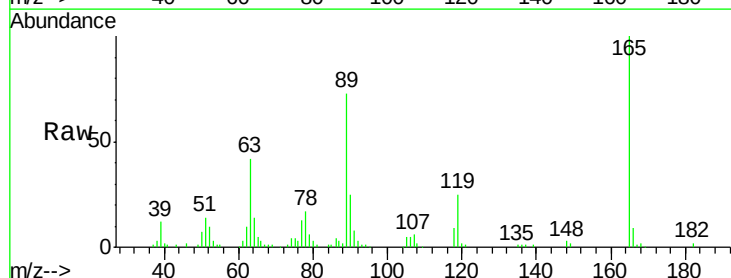
Ion Ratio Lower Upper

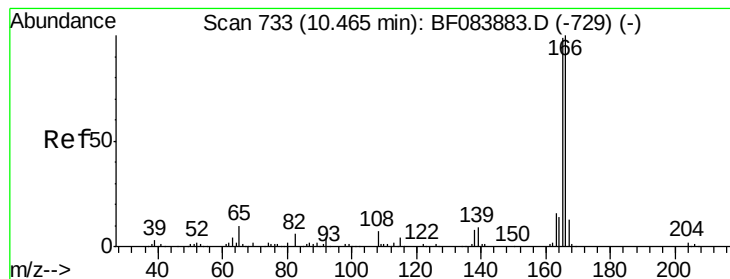
165 100

63 42.0 36.7 55.1

89 72.8 61.9 92.9

182 2.4 2.0 3.0





#57

Fluorene

Concen: 44.56 ng

RT: 10.46 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF083887.D

Acq: 17 Dec 2015 20:56

Instrument :

BNA_F

ClientSampleId :

ICVBF121815

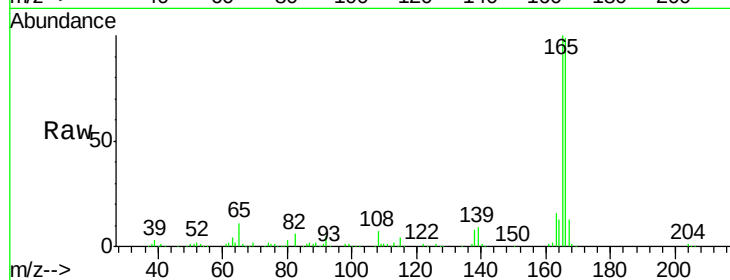
Tgt Ion:166 Resp: 304249

Ion Ratio Lower Upper

166 100

165 100.6 79.1 118.7

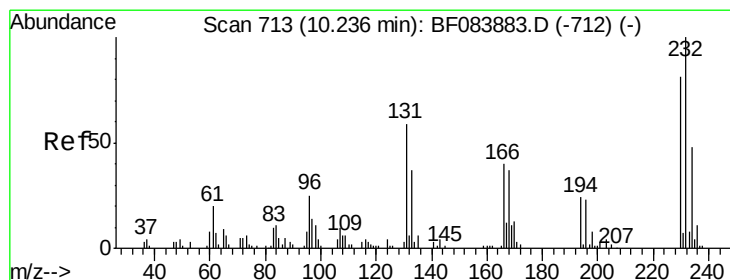
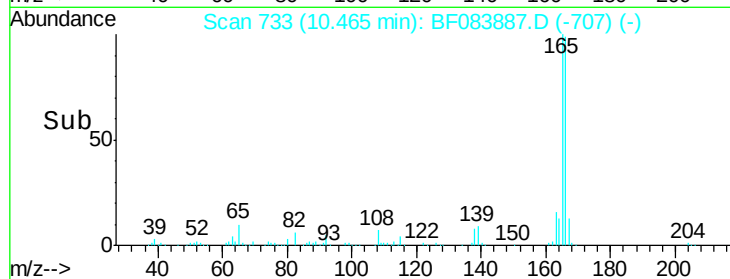
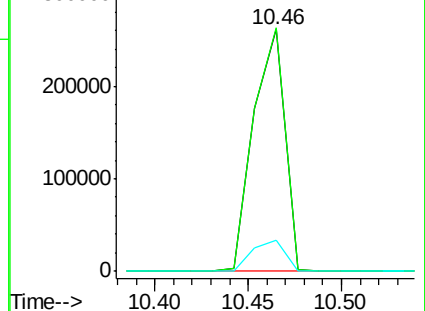
167 12.6 10.4 15.6



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: 44.17 ng

RT: 10.24 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF083887.D

Acq: 17 Dec 2015 20:56

Tgt Ion:232 Resp: 64885

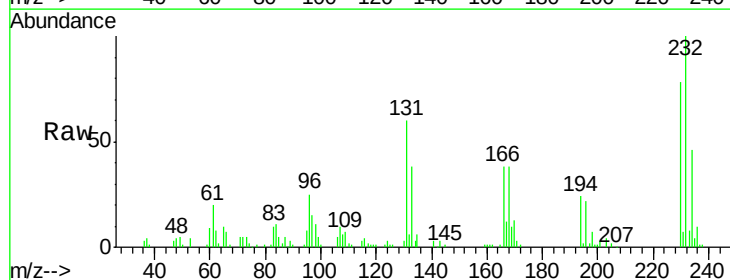
Ion Ratio Lower Upper

232 100

131 55.1 47.0 70.6

130 2.3 2.0 3.0

166 35.2 30.5 45.7

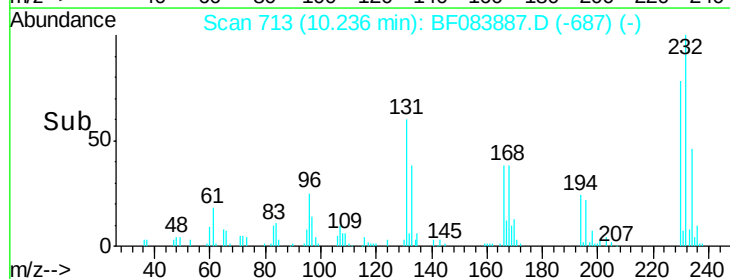
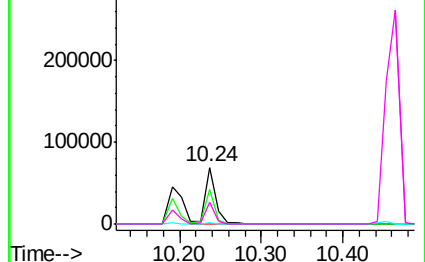


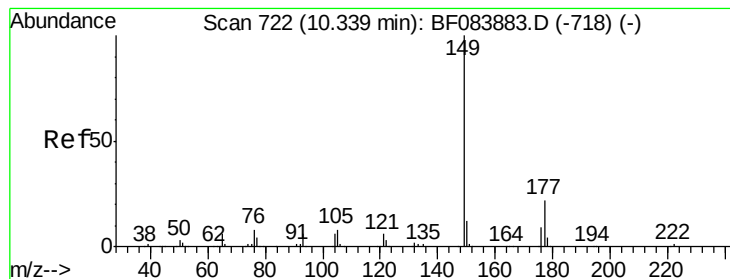
Abundance Ion 232.00 (231.70 to 232.70): E

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: 41.26 ng

RT: 10.34 min Scan# 722

Delta R.T. 0.00 min

Lab File: BF083887.D

Acq: 17 Dec 2015 20:56

Instrument :

BNA_F

ClientSampleId :

ICVBF121815

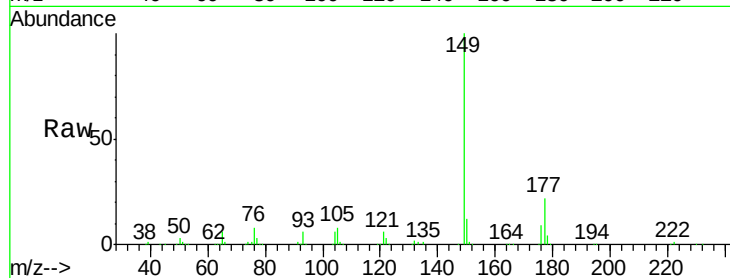
Tgt Ion:149 Resp: 344996

Ion Ratio Lower Upper

149 100

177 21.8 17.3 25.9

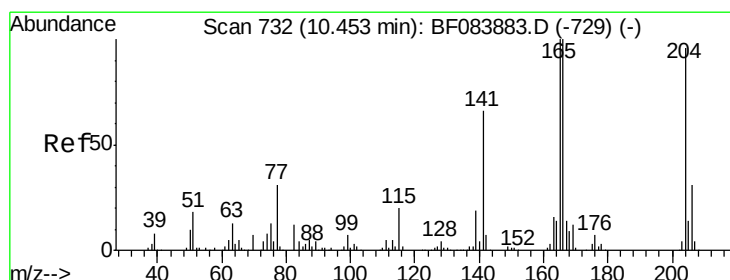
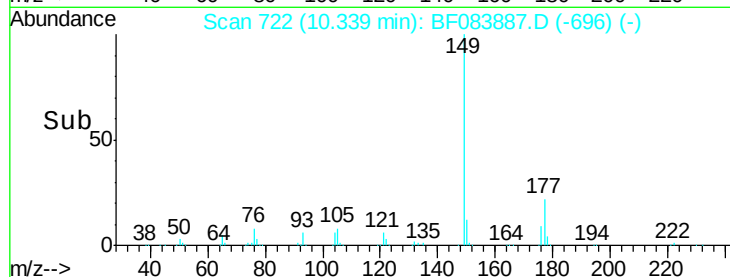
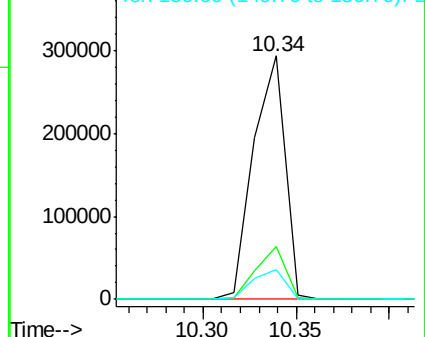
150 12.4 9.8 14.8



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: 41.84 ng

RT: 10.45 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF083887.D

Acq: 17 Dec 2015 20:56

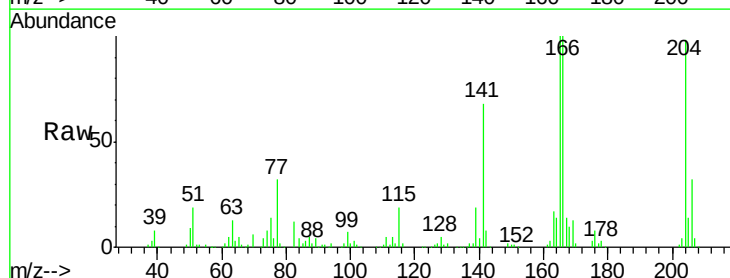
Tgt Ion:204 Resp: 143874

Ion Ratio Lower Upper

204 100

206 33.1 25.7 38.5

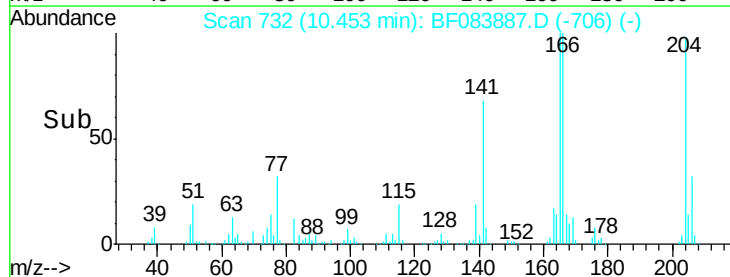
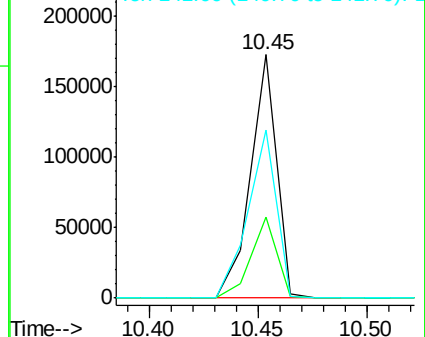
141 69.1 55.1 82.7

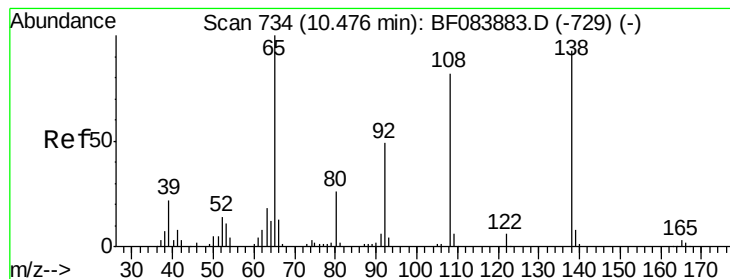


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 38.61 ng

RT: 10.48 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF083887.D

Acq: 17 Dec 2015 20:56

Instrument :

BNA_F

ClientSampleId :

ICVBF121815

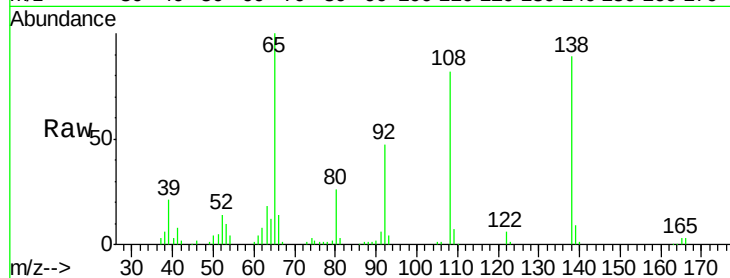
Tgt Ion:138 Resp: 74277

Ion Ratio Lower Upper

138 100

92 52.1 32.6 72.6

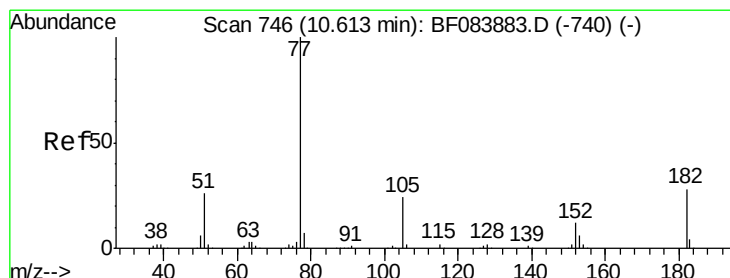
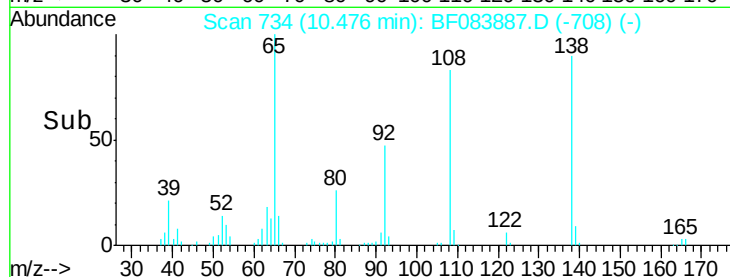
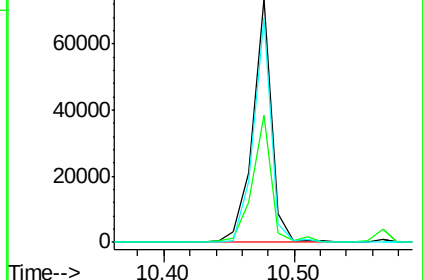
108 91.9 68.6 108.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 42.79 ng

RT: 10.61 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF083887.D

Acq: 17 Dec 2015 20:56

Tgt Ion: 77 Resp: 299865

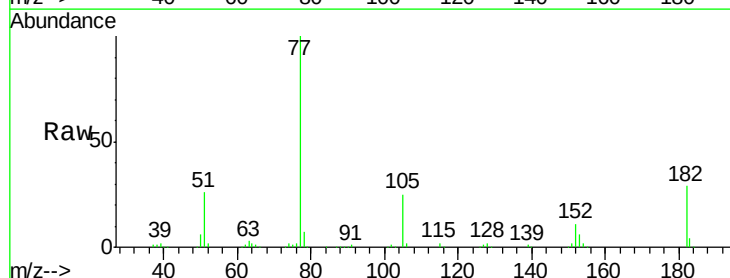
Ion Ratio Lower Upper

77 100

182 28.9 8.3 48.3

105 25.0 4.6 44.6

51 25.9 6.2 46.2

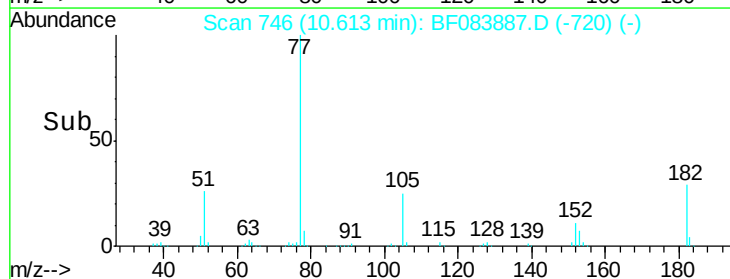
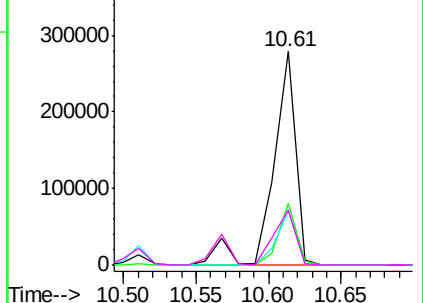


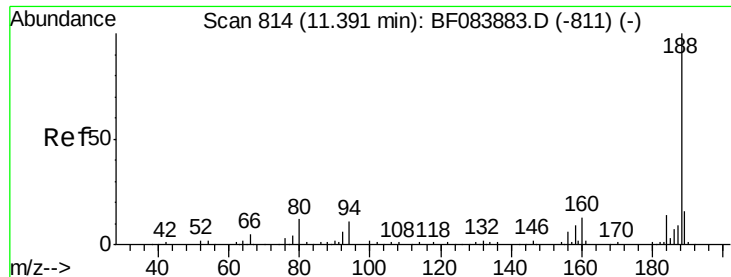
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

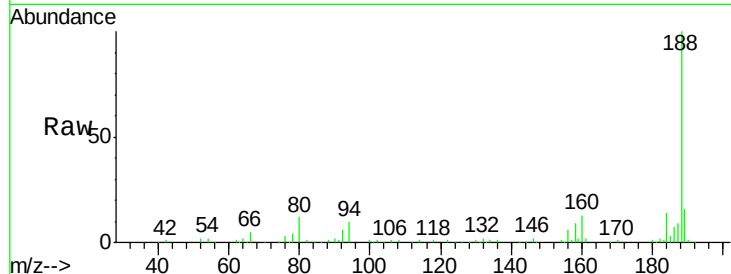




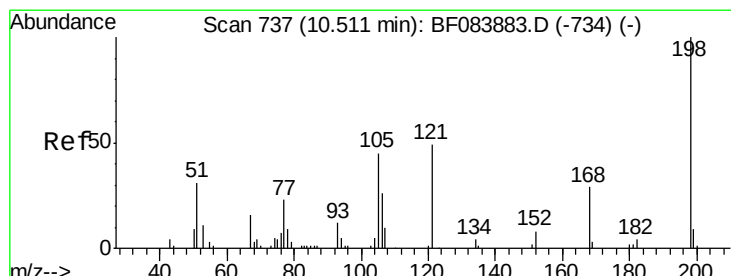
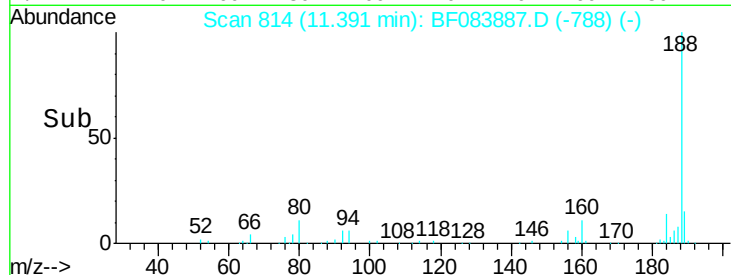
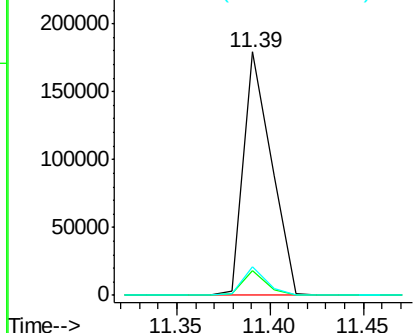
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Instrument :
BNA_F
ClientSampleId :
ICVBF121815

Tgt Ion:188 Resp: 185868
Ion Ratio Lower Upper
188 100
94 10.4 9.0 13.4
80 11.7 9.6 14.4

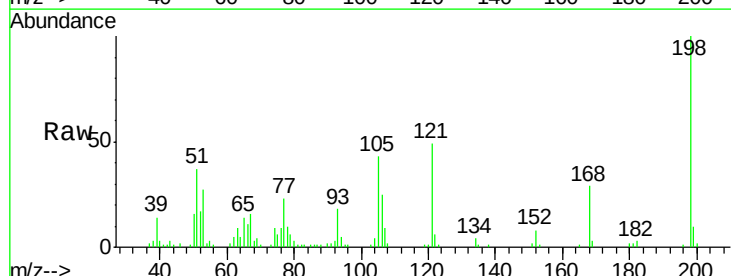


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

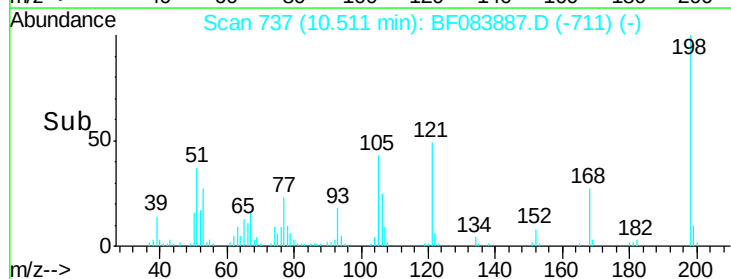
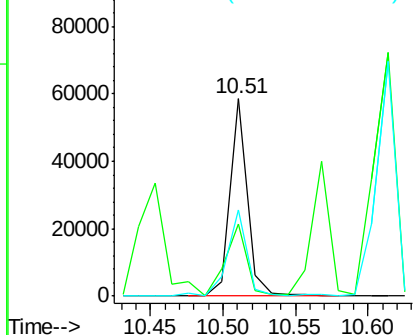


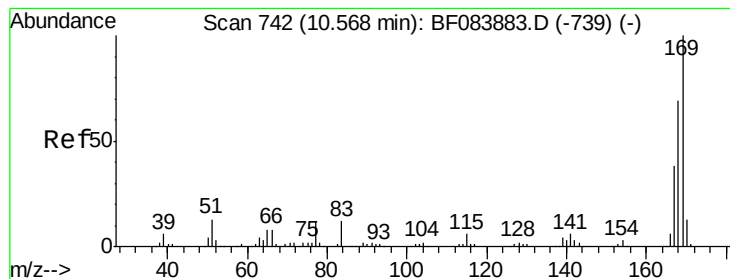
#64
4,6-Dinitro-2-methylphenol
Concen: 42.96 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Tgt Ion:198 Resp: 48553
Ion Ratio Lower Upper
198 100
51 36.5 18.9 58.9
105 43.5 26.4 66.4



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: 37.53 ng

RT: 10.57 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF083887.D

Acq: 17 Dec 2015 20:56

Instrument :

BNA_F

ClientSampleId :

ICVBF121815

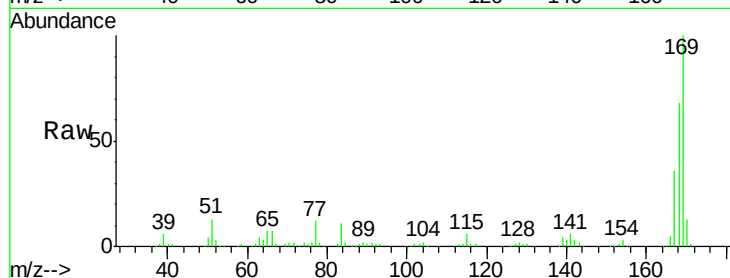
Tgt Ion:169 Resp: 253836

Ion Ratio Lower Upper

169 100

168 67.9 55.1 82.7

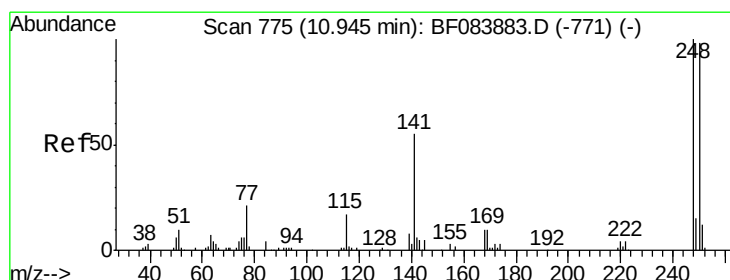
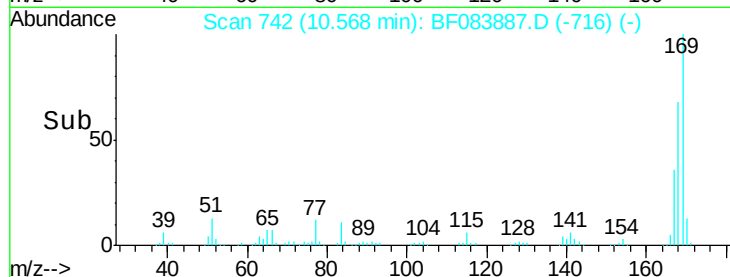
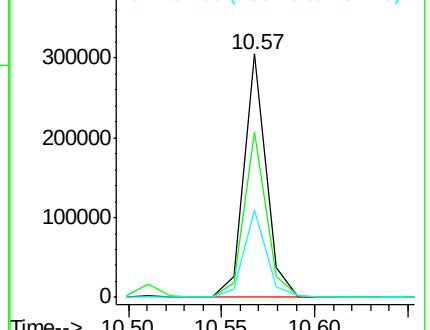
167 36.1 30.0 45.0



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: 38.25 ng

RT: 10.94 min Scan# 775

Delta R.T. 0.00 min

Lab File: BF083887.D

Acq: 17 Dec 2015 20:56

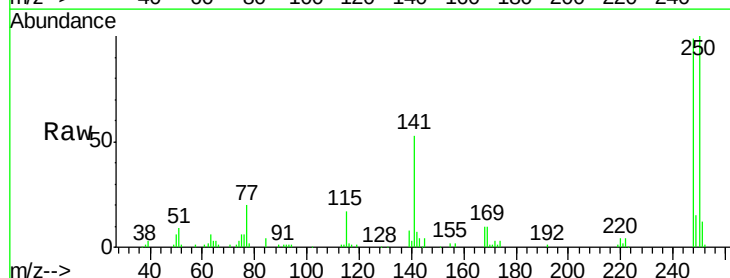
Tgt Ion:248 Resp: 86923

Ion Ratio Lower Upper

248 100

250 100.9 78.4 117.6

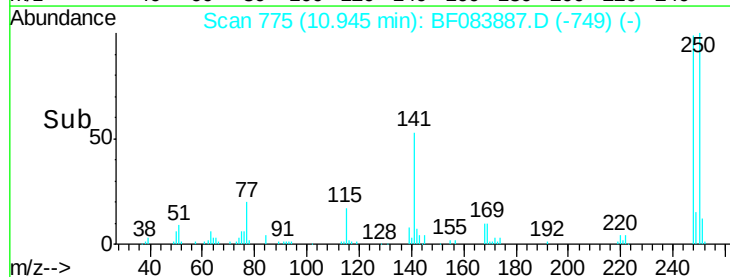
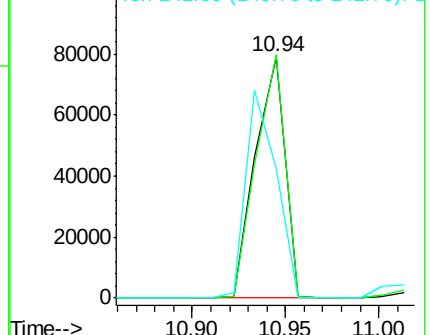
141 53.8 44.0 66.0

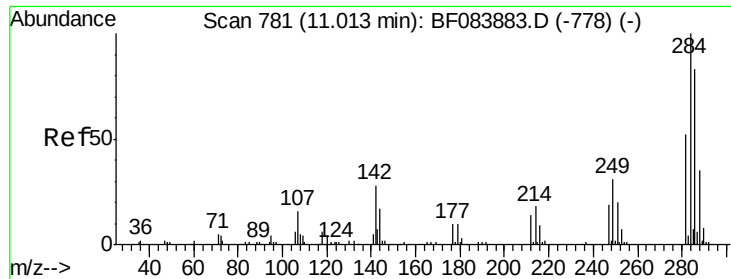


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 41.12 ng

RT: 11.01 min Scan# 781

Delta R.T. 0.00 min

Lab File: BF083887.D

Acq: 17 Dec 2015 20:56

Instrument :

BNA_F

ClientSampleId :

ICVBF121815

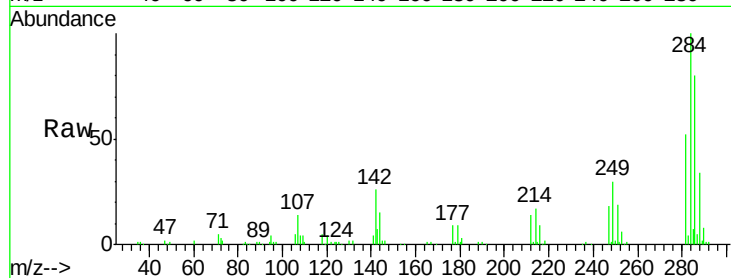
Tgt Ion:284 Resp: 98390

Ion Ratio Lower Upper

284 100

142 25.5 22.2 33.4

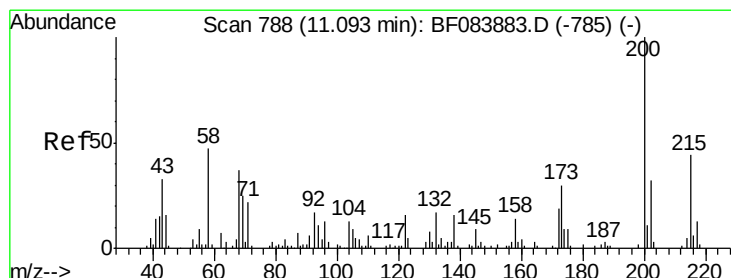
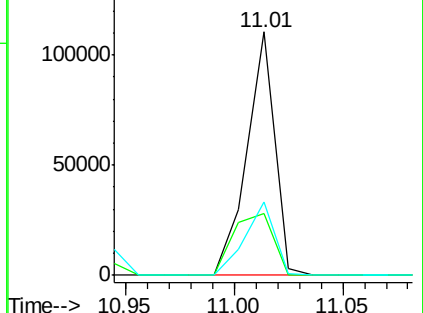
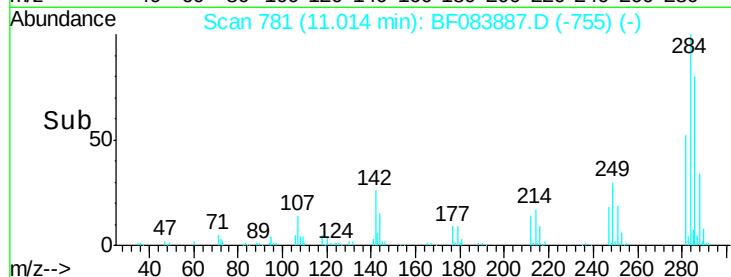
249 30.0 24.6 37.0



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: 34.88 ng

RT: 11.09 min Scan# 788

Delta R.T. 0.00 min

Lab File: BF083887.D

Acq: 17 Dec 2015 20:56

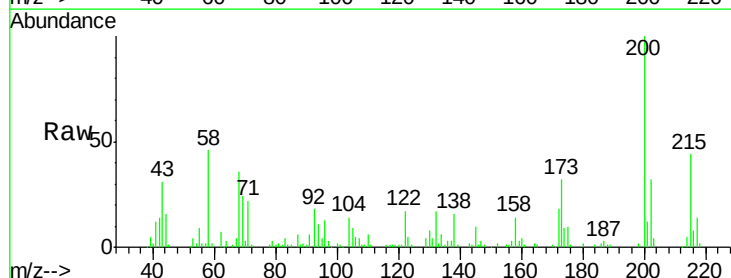
Tgt Ion:200 Resp: 74731

Ion Ratio Lower Upper

200 100

173 31.7 9.5 49.5

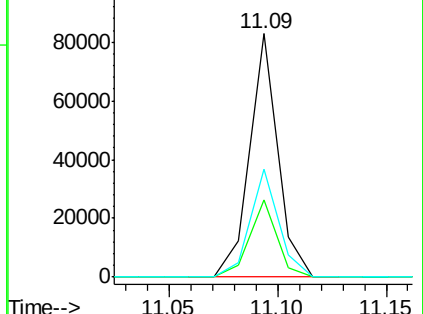
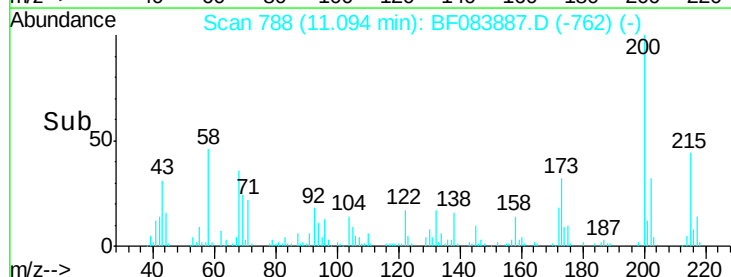
215 44.4 23.8 63.8

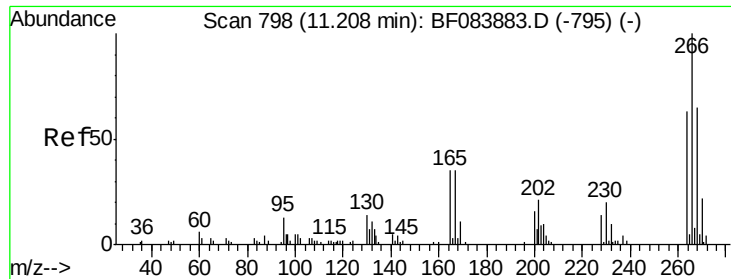


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

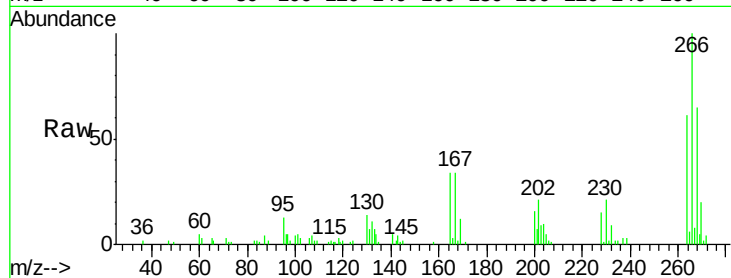




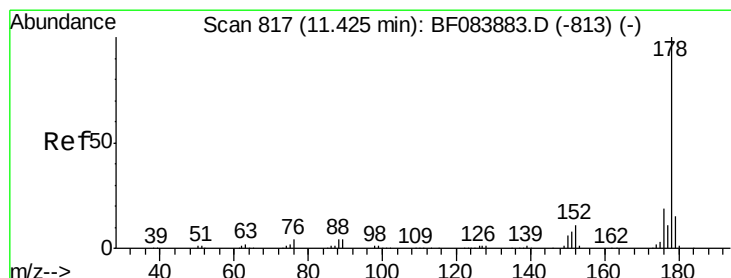
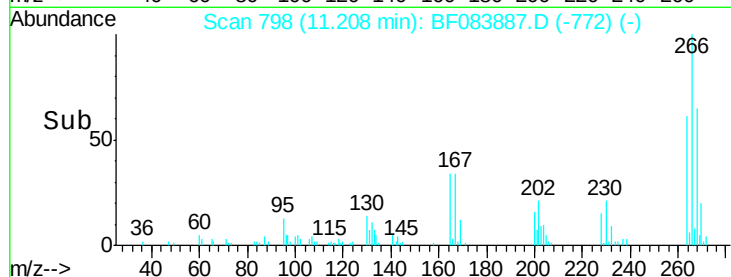
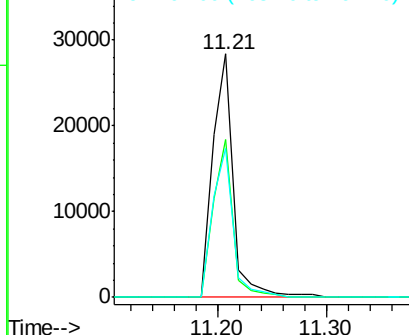
#69
 Pentachlorophenol
 Concen: 39.47 ng
 RT: 11.21 min Scan# 798
 Delta R.T. 0.00 min
 Lab File: BF083887.D
 Acq: 17 Dec 2015 20:56

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF121815

Tgt Ion:266 Resp: 37492
 Ion Ratio Lower Upper
 266 100
 268 64.7 52.4 78.6
 264 61.1 50.2 75.2

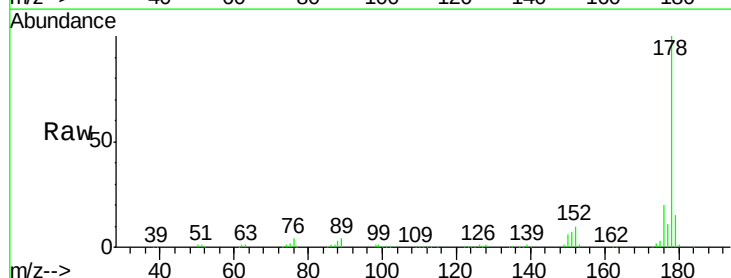


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

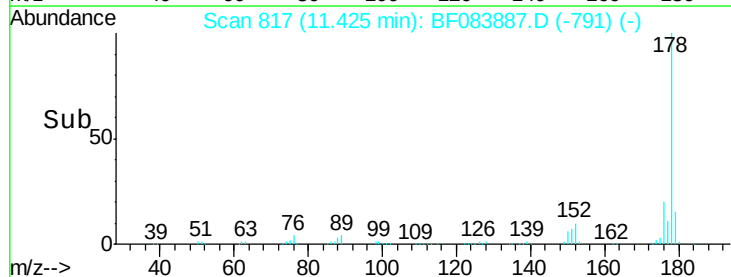
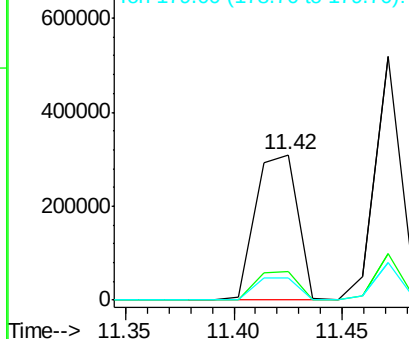


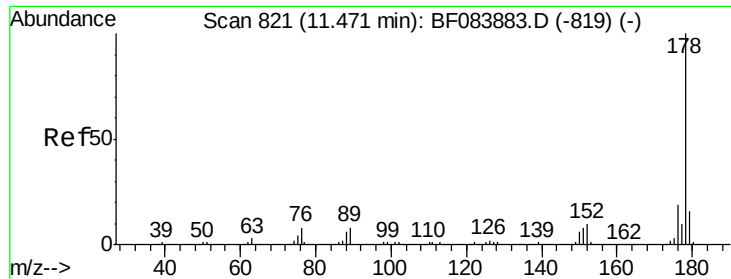
#70
 Phenanthrene
 Concen: 37.41 ng
 RT: 11.42 min Scan# 817
 Delta R.T. 0.00 min
 Lab File: BF083887.D
 Acq: 17 Dec 2015 20:56

Tgt Ion:178 Resp: 420097
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.3 22.9
 179 14.8 12.0 18.0



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

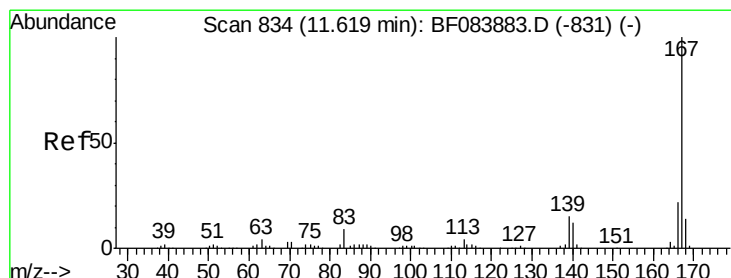
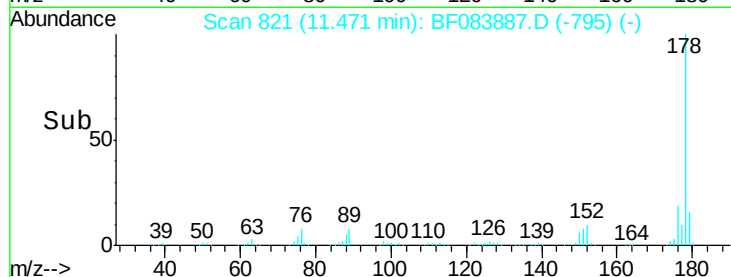
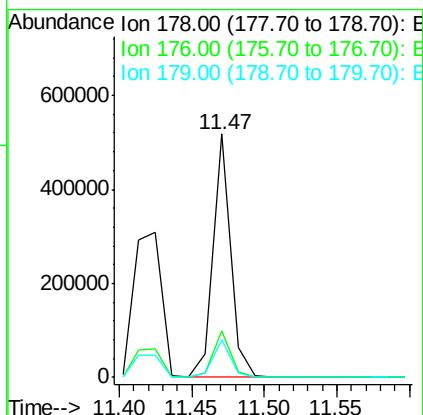
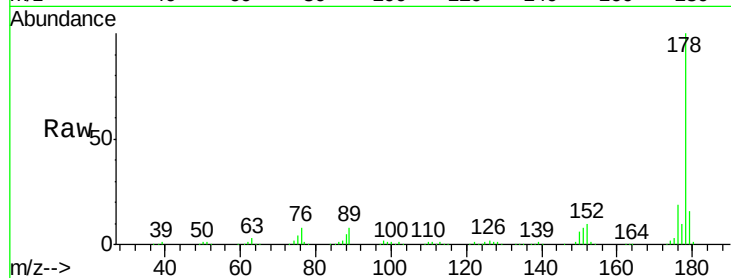




#71
 Anthracene
 Concen: 40.14 ng
 RT: 11.47 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BF083887.D
 Acq: 17 Dec 2015 20:56

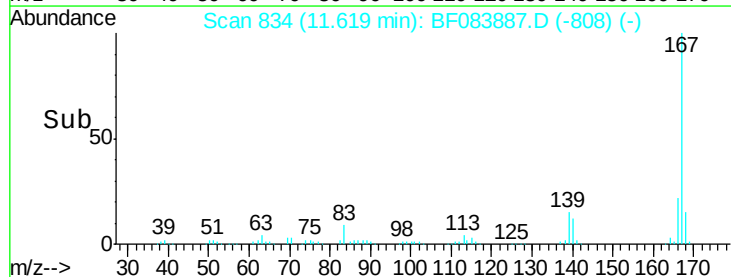
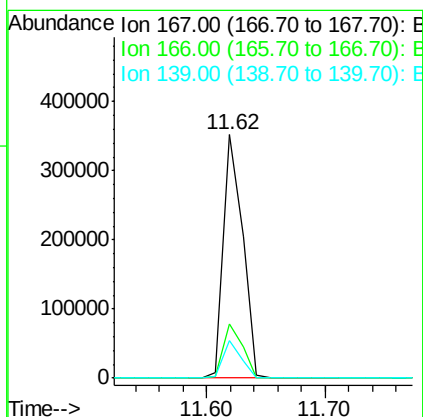
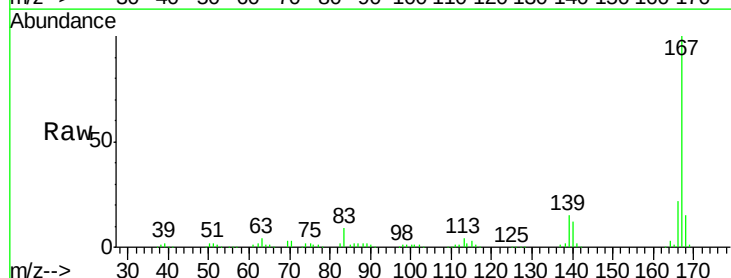
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF121815

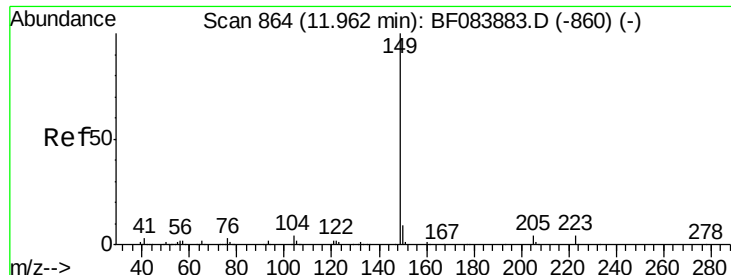
Tgt Ion:178 Resp: 435688
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.4 23.0
 179 15.6 12.5 18.7



#72
 Carbazole
 Concen: 36.61 ng
 RT: 11.62 min Scan# 834
 Delta R.T. 0.00 min
 Lab File: BF083887.D
 Acq: 17 Dec 2015 20:56

Tgt Ion:167 Resp: 392651
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.6 26.4
 139 15.2 11.8 17.8





#73

Di-n-butylphthalate

Concen: 40.73 ng

RT: 11.96 min Scan# 864

Delta R.T. 0.00 min

Lab File: BF083887.D

Acq: 17 Dec 2015 20:56

Instrument :

BNA_F

ClientSampleId :

ICVBF121815

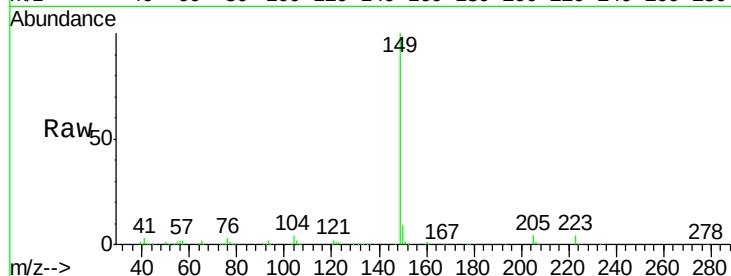
Tgt Ion:149 Resp: 513336

Ion Ratio Lower Upper

149 100

150 9.0 7.1 10.7

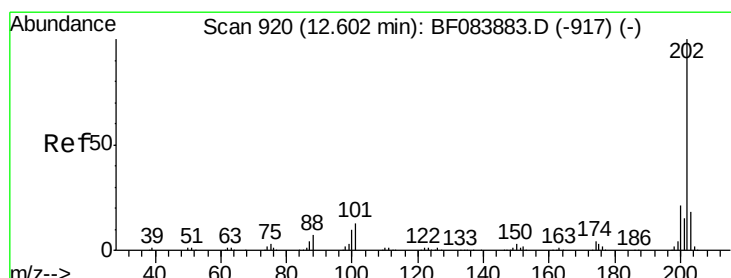
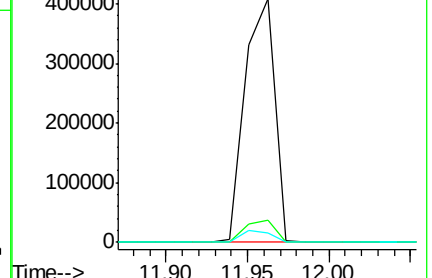
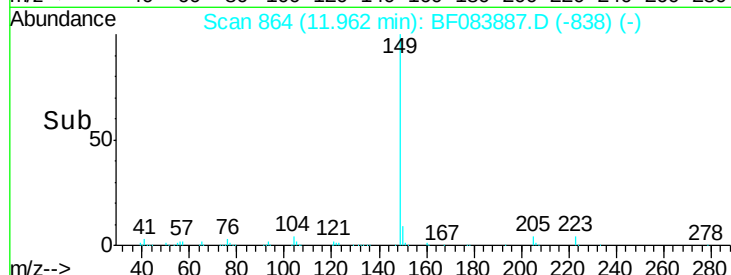
104 4.0 3.2 4.8



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: 38.39 ng

RT: 12.60 min Scan# 920

Delta R.T. 0.00 min

Lab File: BF083887.D

Acq: 17 Dec 2015 20:56

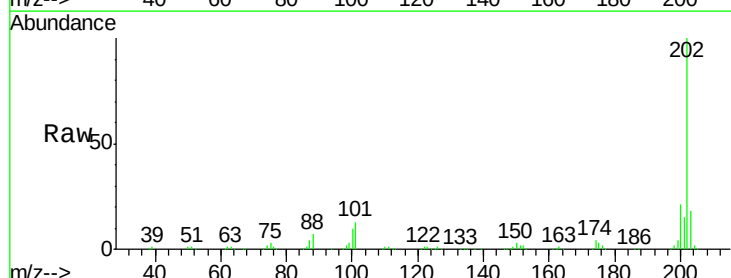
Tgt Ion:202 Resp: 430247

Ion Ratio Lower Upper

202 100

101 13.2 0.0 32.8

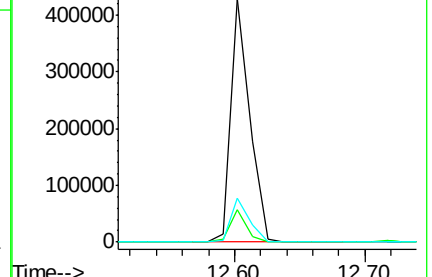
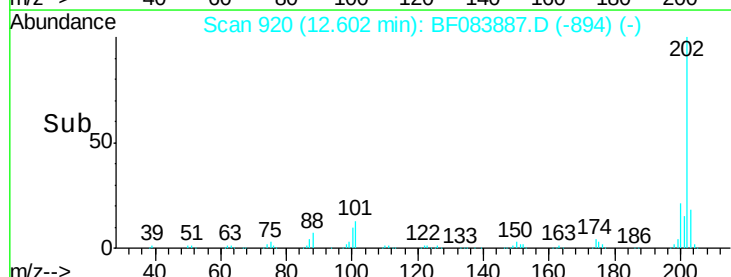
203 18.2 0.0 37.9

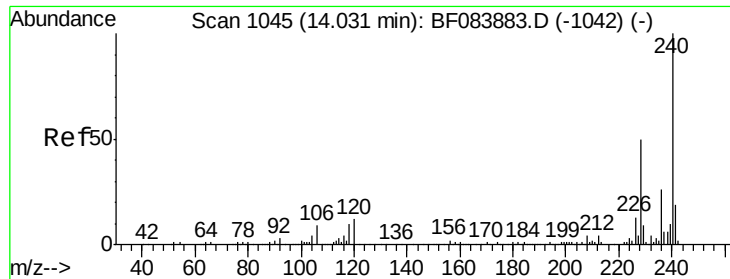


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

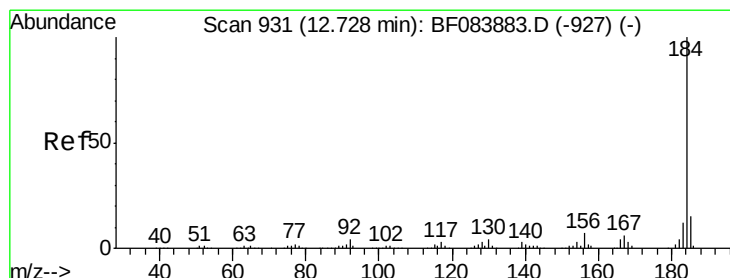
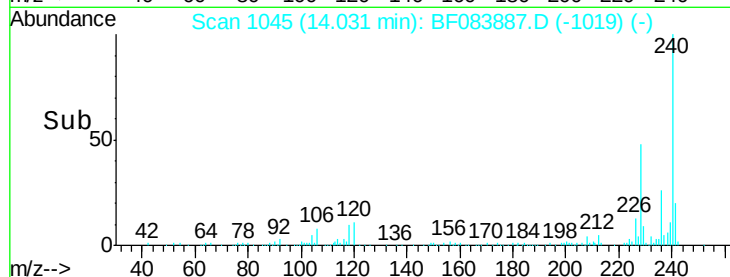
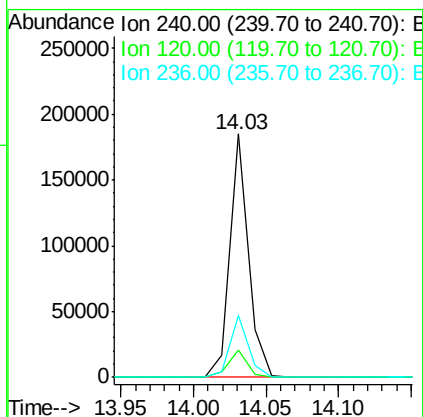
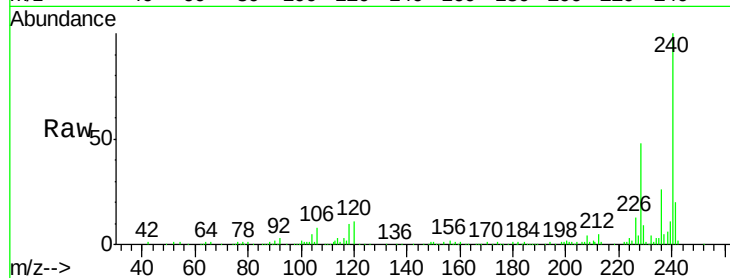




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.03 min Scan# 1045
 Delta R.T. 0.00 min
 Lab File: BF083887.D
 Acq: 17 Dec 2015 20:56

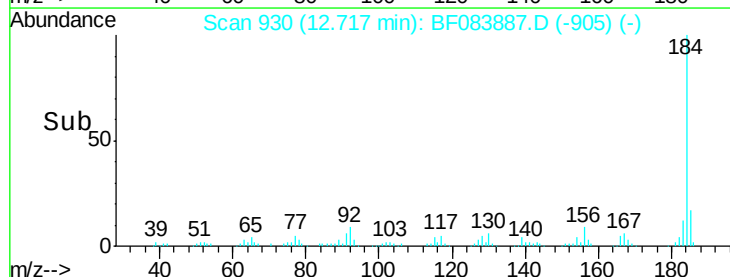
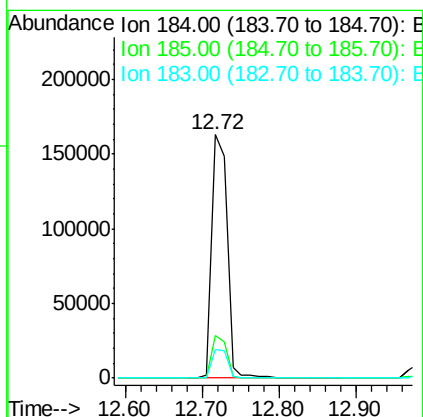
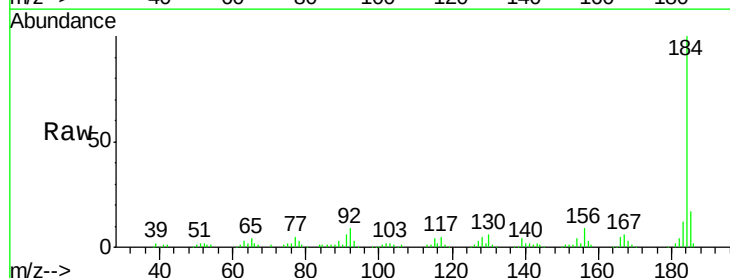
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF121815

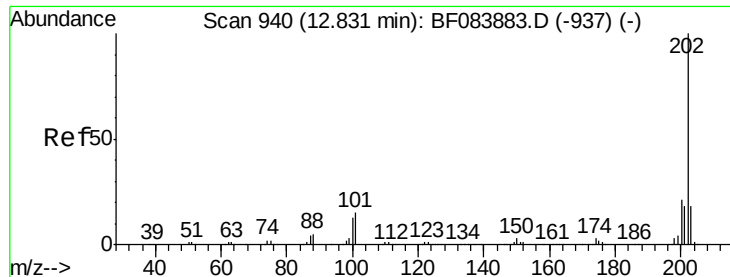
Tgt Ion:240 Resp: 165464
 Ion Ratio Lower Upper
 240 100
 120 11.2 9.5 14.3
 236 25.6 20.6 31.0



#76
 Benzidine
 Concen: 34.08 ng
 RT: 12.72 min Scan# 930
 Delta R.T. -0.01 min
 Lab File: BF083887.D
 Acq: 17 Dec 2015 20:56

Tgt Ion:184 Resp: 225811
 Ion Ratio Lower Upper
 184 100
 185 17.4 12.2 18.2
 183 12.0 9.8 14.8

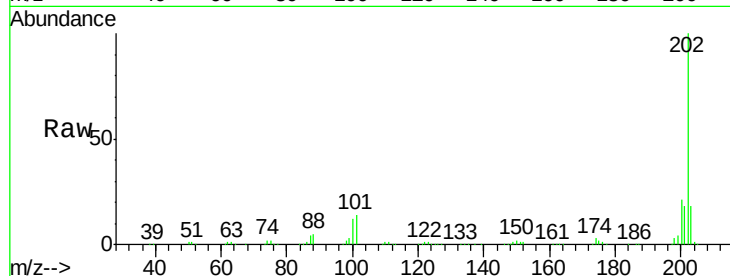




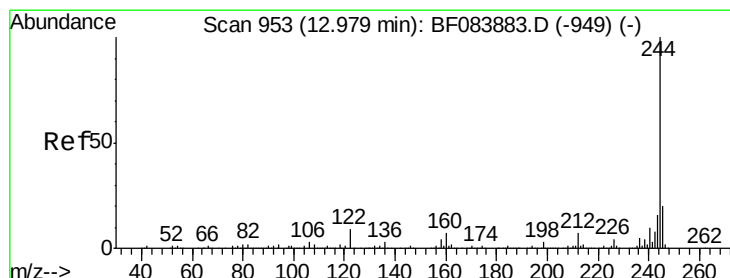
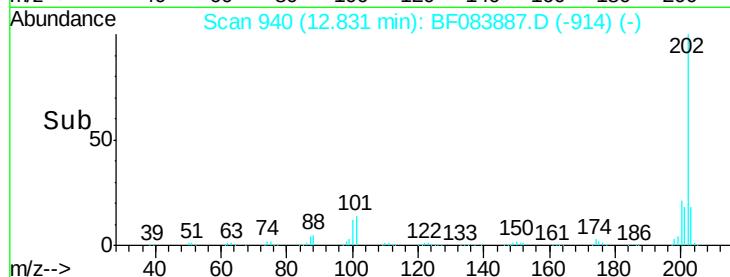
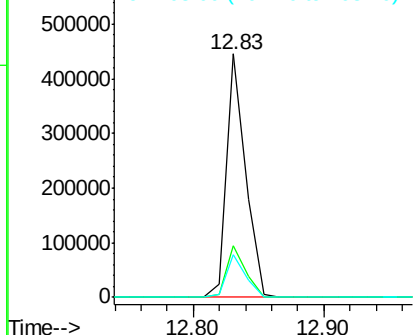
#77
Pyrene
 Concen: 42.76 ng
 RT: 12.83 min Scan# 940
 Delta R.T. 0.00 min
 Lab File: BF083887.D
 Acq: 17 Dec 2015 20:56

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF121815

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.2	25.8
203	17.7	14.3	21.5

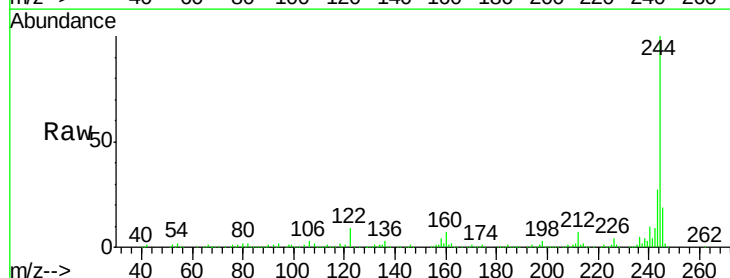


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

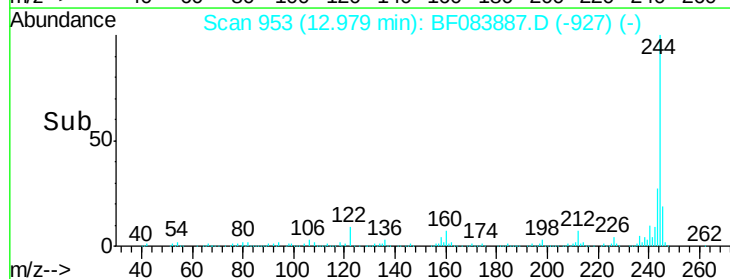
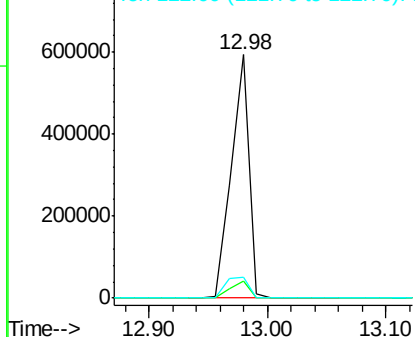


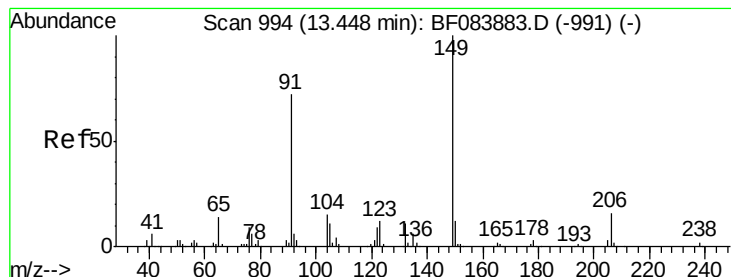
#78
Terphenyl-d14
 Concen: 86.00 ng
 RT: 12.98 min Scan# 953
 Delta R.T. 0.00 min
 Lab File: BF083887.D
 Acq: 17 Dec 2015 20:56

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.7	8.5
122	8.7	7.4	11.0



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 39.19 ng

RT: 13.45 min Scan# 994

Delta R.T. 0.00 min

Lab File: BF083887.D

Acq: 17 Dec 2015 20:56

Instrument :

BNA_F

ClientSampleId :

ICVBF121815

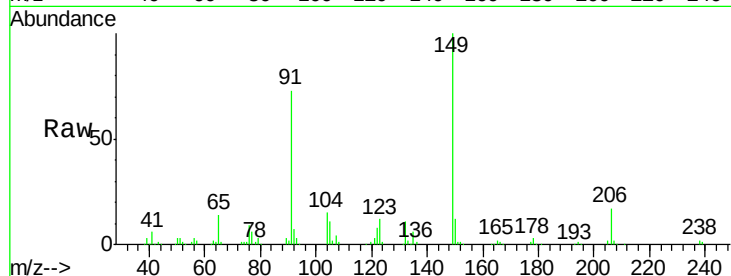
Tgt Ion:149 Resp: 215852

Ion Ratio Lower Upper

149 100

91 72.5 57.6 86.4

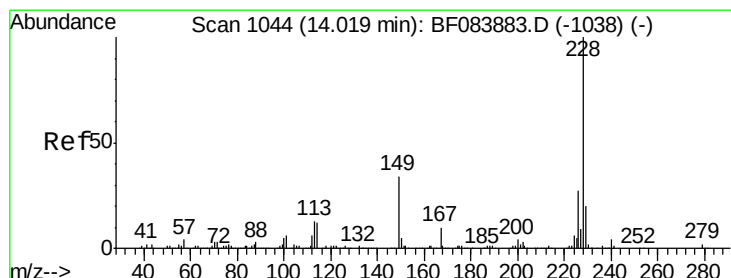
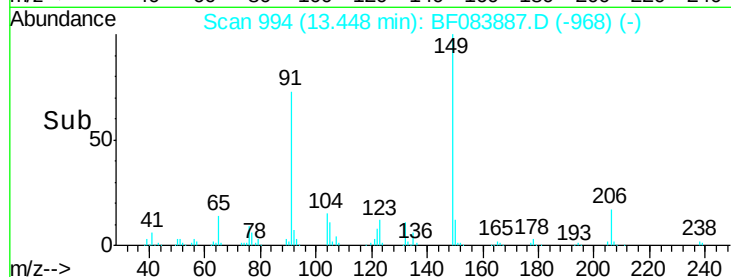
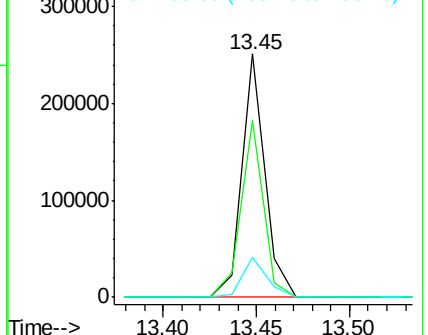
206 16.6 13.2 19.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 37.37 ng

RT: 14.02 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BF083887.D

Acq: 17 Dec 2015 20:56

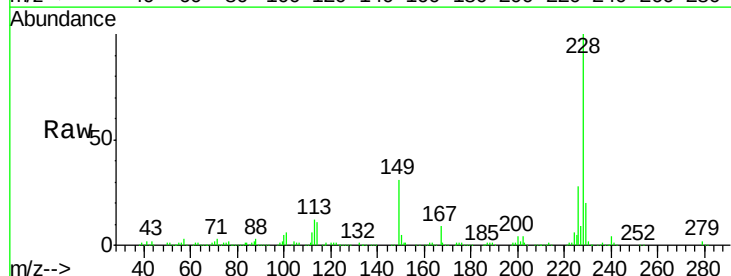
Tgt Ion:228 Resp: 380155

Ion Ratio Lower Upper

228 100

226 27.6 21.8 32.6

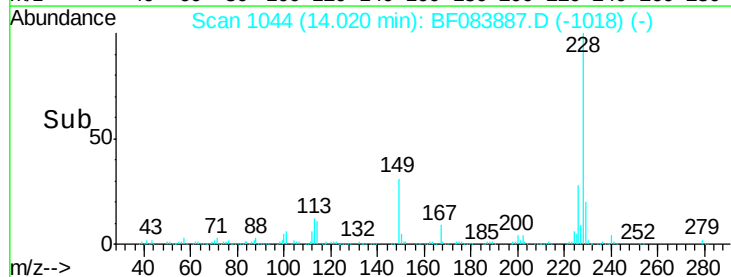
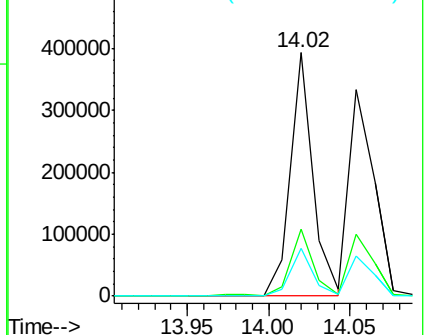
229 19.7 15.8 23.8

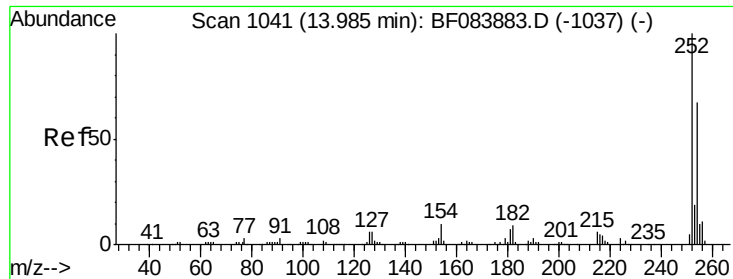


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

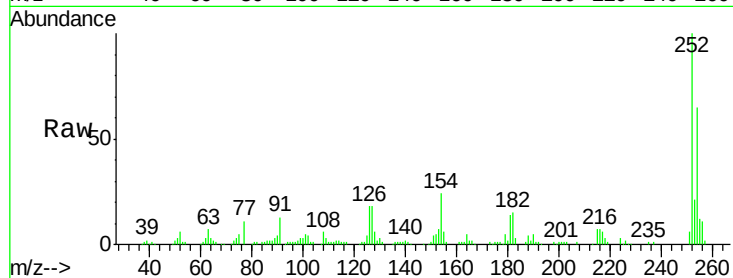




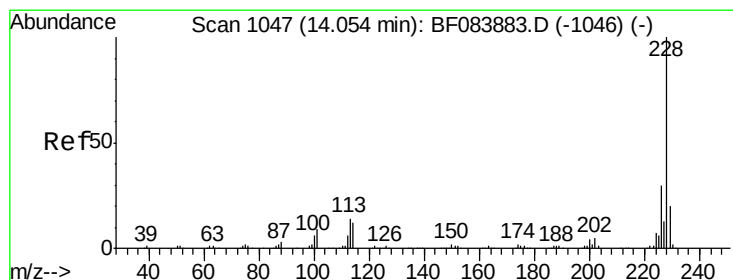
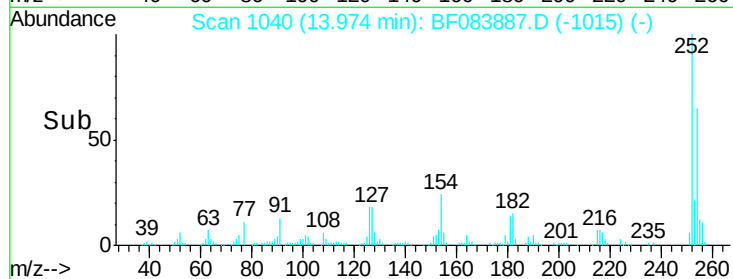
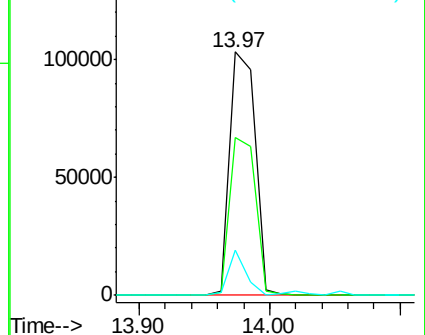
#81
3,3'-Dichlorobenzidine
Concen: 36.92 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Instrument :
BNA_F
ClientSampleId :
ICVBF121815

Tgt Ion:	252	Resp:	140400
Ion	Ratio	Lower	Upper
252	100		
254	64.9	53.5	80.3
126	18.4	4.9	7.3#

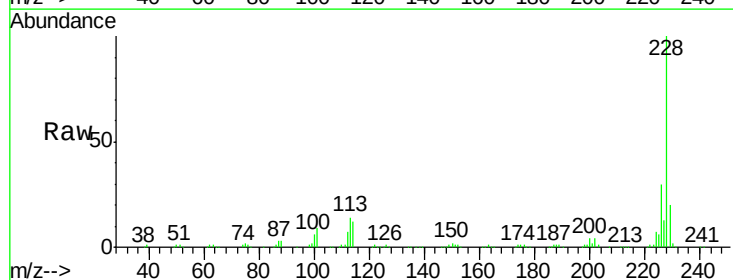


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E



#82
Chrysene
Concen: 37.06 ng
RT: 14.05 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Tgt Ion:	228	Resp:	364252
Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.3	36.5
229	19.6	16.1	24.1



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

