

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111915\
 Data File : BF083054.D
 Acq On : 20 Nov 2015 00:34
 Operator : UM/IZ
 Sample : PB86723BSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86723BSD

Quant Time: Nov 20 07:26:23 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 20 01:33:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	107157	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	407934	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	218380	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	418360	20.00	ng	0.00
75) Chrysene-d12	13.86	240	377586	20.00	ng	0.00
86) Perylene-d12	15.23	264	343508	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	800650	116.05	ng	0.01
7) Phenol-d6	6.36	99	1203282	132.42	ng	0.01
23) Nitrobenzene-d5	7.26	82	783685	87.95	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	280605	121.02	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1189420	73.35	ng	-0.01
78) Terphenyl-d14	12.81	244	1290920	80.71	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.22	88	96377	30.81	ng	98
3) Pyridine	2.89	79	286846	33.83	ng	97
4) n-Nitrosodimethylamine	2.83	42	152812	35.62	ng	99
6) Aniline	6.36	93	317096	25.51	ng	# 86
8) 2-Chlorophenol	6.49	128	306029	39.77	ng	99
9) Benzaldehyde	6.24	77	209055	46.72	ng	98
10) Phenol	6.37	94	415876	39.28	ng	96
11) bis(2-Chloroethyl)ether	6.44	93	303549	39.46	ng	98
12) 1,3-Dichlorobenzene	6.64	146	311773m	36.20	ng	
13) 1,4-Dichlorobenzene	6.72	146	320258	36.71	ng	99
14) 1,2-Dichlorobenzene	6.88	146	324592	40.26	ng	96
15) Benzyl Alcohol	6.85	79	309212	41.36	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.99	45	476121	39.70	ng	96
17) 2-Methylphenol	6.98	107	282600	43.98	ng	99
18) Hexachloroethane	7.22	117	124191	38.73	ng	# 90
19) n-Nitroso-di-n-propylamine	7.13	70	257357	38.76	ng	97
20) 3+4-Methylphenols	7.13	107	338490m	40.41	ng	
22) Acetophenone	7.12	105	441214	38.61	ng	# 98
24) Nitrobenzene	7.29	77	371070	41.28	ng	94
25) Isophorone	7.54	82	680424	40.49	ng	97
26) 2-Nitrophenol	7.61	139	162168	41.25	ng	92
27) 2,4-Dimethylphenol	7.66	122	302864	46.62	ng	98
28) bis(2-Chloroethoxy)methane	7.76	93	391305	41.56	ng	99
29) 2,4-Dichlorophenol	7.86	162	289644	46.00	ng	97
30) 1,2,4-Trichlorobenzene	7.94	180	285741	40.98	ng	99
31) Naphthalene	8.01	128	875838	41.21	ng	99
32) Benzoic acid	7.79	122	163547	41.39	ng	95
33) 4-Chloroaniline	8.06	127	173241	18.74	ng	94
34) Hexachlorobutadiene	8.14	225	175007	40.16	ng	99
35) Caprolactam	8.43	113	87920m	43.92	ng	
36) 4-Chloro-3-methylphenol	8.57	107	334010	45.89	ng	95
37) 2-Methylnaphthalene	8.70	142	566441	40.03	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	287326	39.90	ng	98
40) Hexachlorocyclopentadiene	8.86	237	277262	82.63	ng	99

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111915\
 Data File : BF083054.D
 Acq On : 20 Nov 2015 00:34
 Operator : UM/IZ
 Sample : PB86723BSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

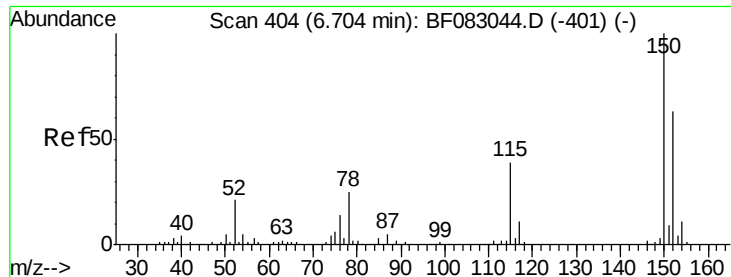
Instrument :
 BNA_F
 ClientSampleId :
 PB86723BSD

Quant Time: Nov 20 07:26:23 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 20 01:33:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	205630	39.35	ng	100
43) 2,4,5-Trichlorophenol	9.04	196	206016	39.54	ng	97
45) 1,1'-Biphenyl	9.17	154	763924	39.76	ng	98
46) 2-Chloronaphthalene	9.20	162	611857	41.86	ng	97
47) 2-Nitroaniline	9.29	65	200142	36.29	ng	95
48) Acenaphthylene	9.61	152	975558	40.54	ng	100
49) Dimethylphthalate	9.48	163	755737	42.05	ng	99
50) 2,6-Dinitrotoluene	9.54	165	167643	43.27	ng	87
51) Acenaphthene	9.78	154	606923	39.91	ng	99
52) 3-Nitroaniline	9.70	138	96255	21.78	ng	86
53) 2,4-Dinitrophenol	9.81	184	200940	101.77	ng	# 85
54) Dibenzofuran	9.95	168	829733	40.72	ng	98
55) 4-Nitrophenol	9.88	139	228612	75.36	ng	# 76
56) 2,4-Dinitrotoluene	9.94	165	226326	43.65	ng	99
57) Fluorene	10.29	166	698210	42.58	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	190732	45.29	ng	98
59) Diethylphthalate	10.18	149	716421	40.87	ng	99
60) 4-Chlorophenyl-phenylether	10.29	204	307702	40.07	ng	94
61) 4-Nitroaniline	10.32	138	176929	39.20	ng	95
62) Azobenzene	10.44	77	792303	40.36	ng	84
64) 4,6-Dinitro-2-methylphenol	10.35	198	125553	47.07	ng	91
65) n-Nitrosodiphenylamine	10.41	169	578041	39.43	ng	100
66) 4-Bromophenyl-phenylether	10.77	248	190238	39.26	ng	92
67) Hexachlorobenzene	10.84	284	221206	41.73	ng	92
68) Atrazine	10.94	200	224687	48.92	ng	98
69) Pentachlorophenol	11.04	266	234932	86.86	ng	100
70) Phenanthrene	11.24	178	1021209	40.46	ng	100
71) Anthracene	11.30	178	1066210	41.93	ng	99
72) Carbazole	11.46	167	1016583	45.74	ng	99
73) Di-n-butylphthalate	11.80	149	1195645	42.66	ng	99
74) Fluoranthene	12.43	202	1101734	41.88	ng	99
76) Benzidine	12.56	184	490504	39.70	ng	98
77) Pyrene	12.66	202	1196952	45.03	ng	100
79) Butylbenzylphthalate	13.29	149	475927	40.52	ng	97
80) Benzo(a)anthracene	13.85	228	1046320	43.60	ng	100
81) 3,3'-Dichlorobenzidine	13.81	252	224405	27.78	ng	# 95
82) Chrysene	13.88	228	934009	42.45	ng	99
83) Bis(2-ethylhexyl)phthalate	13.86	149	689805	44.91	ng	100
84) Di-n-octyl phthalate	14.47	149	1091352	43.62	ng	98
85) Indeno(1,2,3-cd)pyrene	16.53	276	819699	45.79	ng	100
87) Benzo(b)fluoranthene	14.85	252	870443m	36.24	ng	
88) Benzo(k)fluoranthene	14.88	252	815134m	44.55	ng	
89) Benzo(a)pyrene	15.19	252	824264	42.76	ng	99
90) Dibenzo(a,h)anthracene	16.56	278	687888	41.01	ng	98
91) Benzo(g,h,i)perylene	16.92	276	673096	41.14	ng	# 96

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

Page: 3



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.70 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF083054.D

Acq: 20 Nov 2015 00:34

Instrument :

BNA_F

ClientSampleId :

PB86723BSD

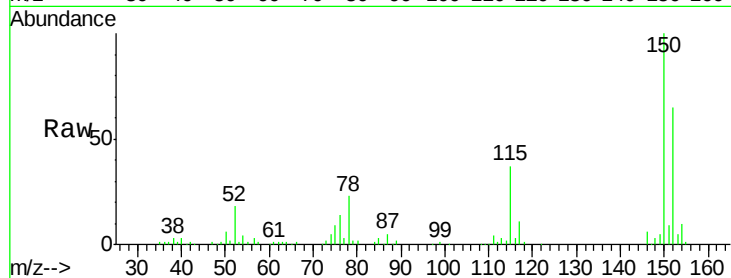
Tgt Ion:152 Resp: 107157

Ion Ratio Lower Upper

152 100

150 154.1 126.4 189.6

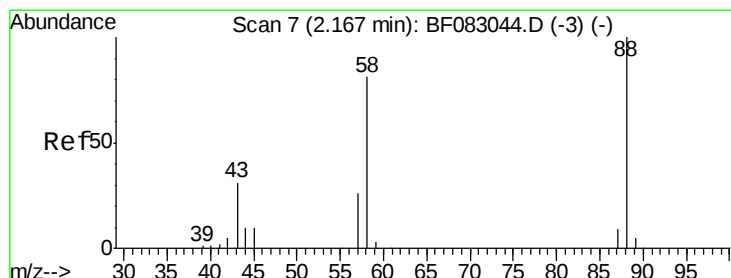
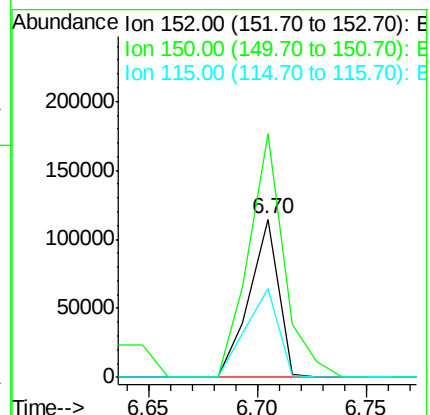
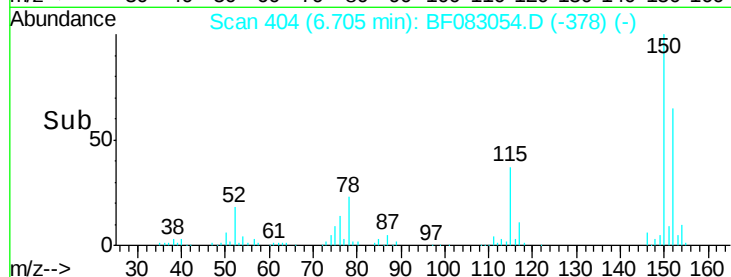
115 56.5 49.0 73.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 30.81 ng

RT: 2.22 min Scan# 12

Delta R.T. 0.06 min

Lab File: BF083054.D

Acq: 20 Nov 2015 00:34

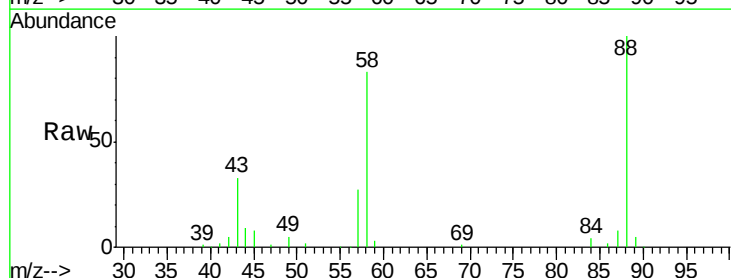
Tgt Ion: 88 Resp: 96377

Ion Ratio Lower Upper

88 100

58 83.3 64.8 97.2

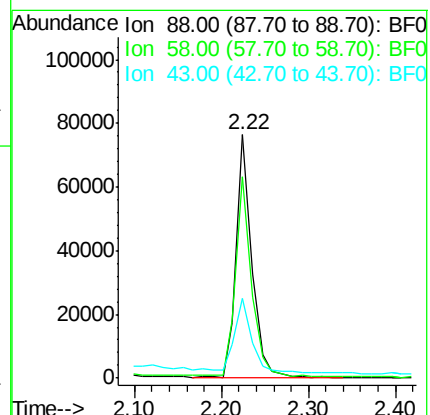
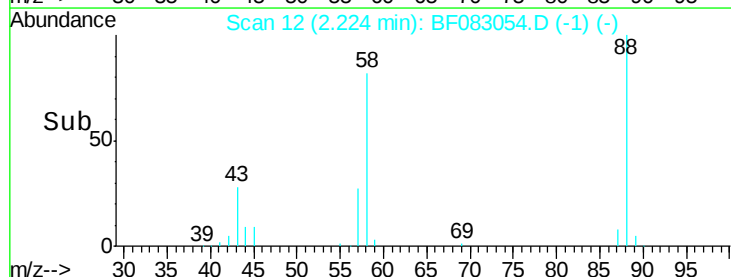
43 32.9 26.2 39.4

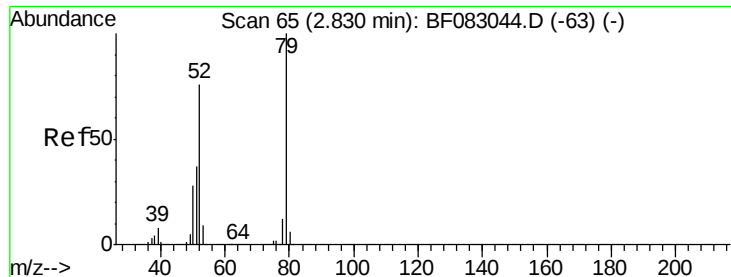


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 33.83 ng

RT: 2.89 min Scan# 70

Delta R.T. 0.06 min

Lab File: BF083054.D

Acq: 20 Nov 2015 00:34

Instrument :

BNA_F

ClientSampleId :

PB86723BSD

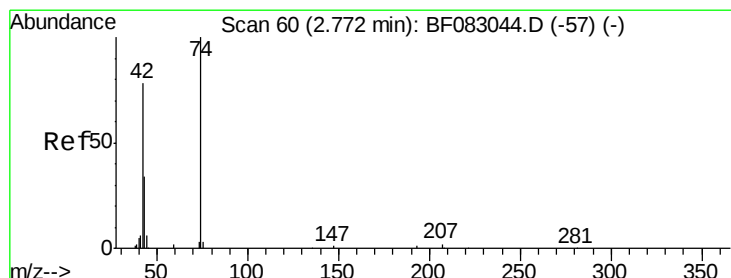
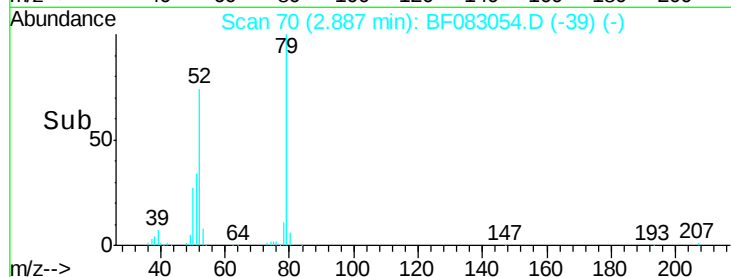
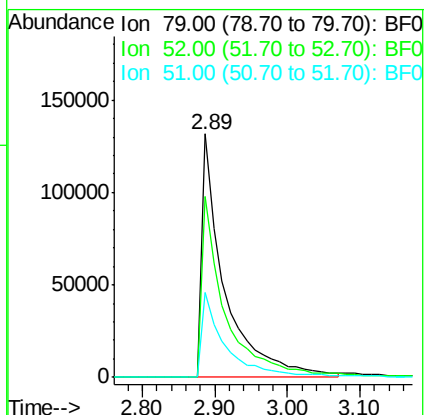
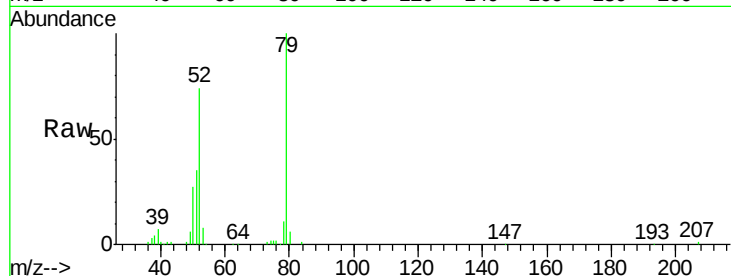
Tgt Ion: 79 Resp: 286846

Ion Ratio Lower Upper

79 100

52 74.1 61.0 91.4

51 34.7 30.0 45.0



#4

n-Nitrosodimethylamine

Concen: 35.62 ng

RT: 2.83 min Scan# 65

Delta R.T. 0.06 min

Lab File: BF083054.D

Acq: 20 Nov 2015 00:34

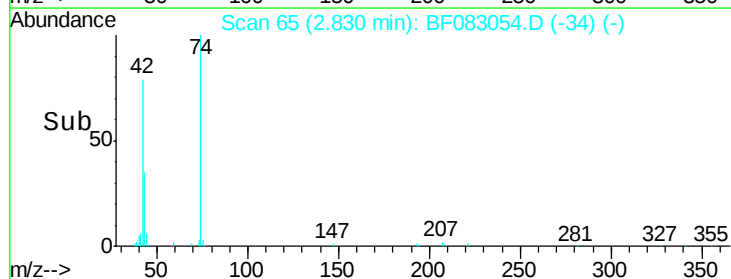
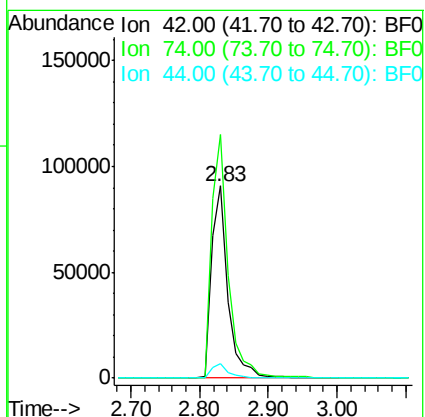
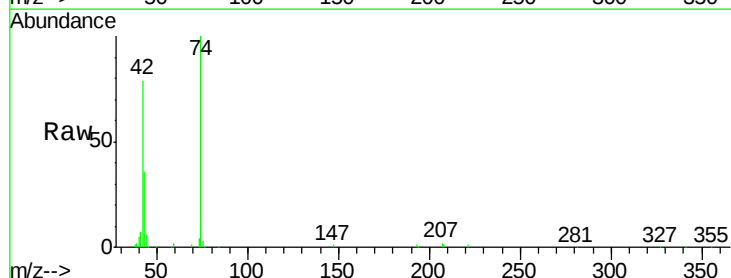
Tgt Ion: 42 Resp: 152812

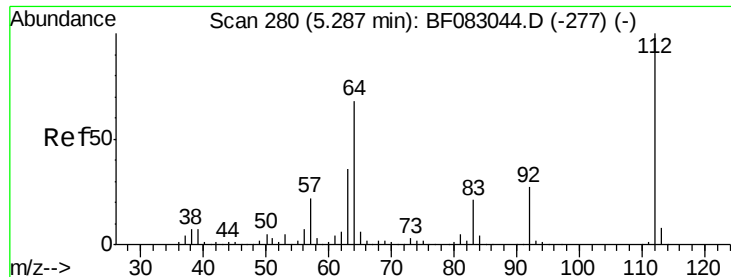
Ion Ratio Lower Upper

42 100

74 126.8 102.4 153.6

44 7.6 5.8 8.8





#5

2-Fluorophenol

Concen: 116.05 ng

RT: 5.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: BF083054.D

Acq: 20 Nov 2015 00:34

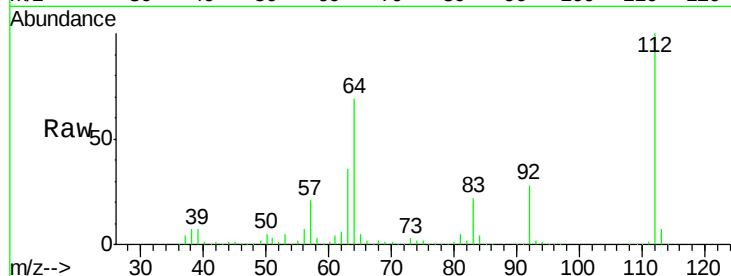
Instrument :

BNA_F

ClientSampleId :

PB86723BSD

Tgt Ion:	112	Resp:	800650
Ion	Ratio	Lower	Upper
112	100		
64	68.7	54.8	82.2
63	35.8	29.0	43.4

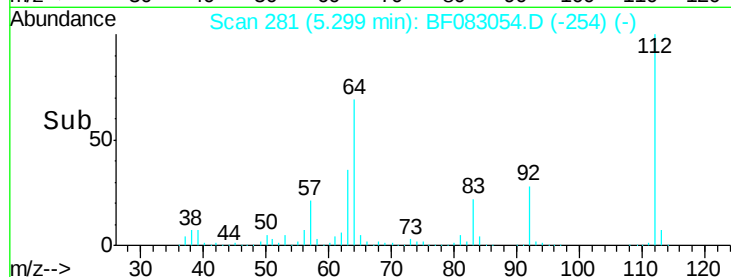


Abundance Ion 112.00 (111.70 to 112.70): BF083044.D (-277) (-)

Ion 64.00 (63.70 to 64.70): BF083044.D (-277) (-)

Ion 63.00 (62.70 to 63.70): BF083044.D (-277) (-)

Time-->

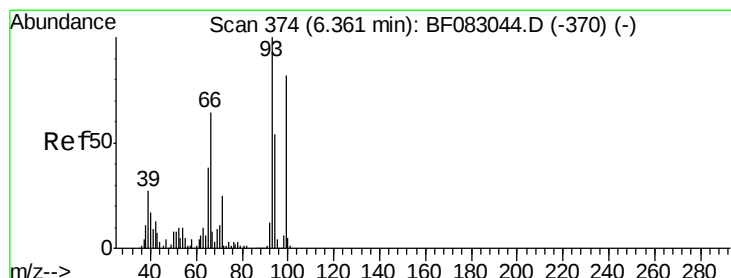


Abundance Ion 112.00 (111.70 to 112.70): BF083054.D (-254) (-)

Ion 64.00 (63.70 to 64.70): BF083054.D (-254) (-)

Ion 63.00 (62.70 to 63.70): BF083054.D (-254) (-)

Time-->



#6

Aniline

Concen: 25.51 ng

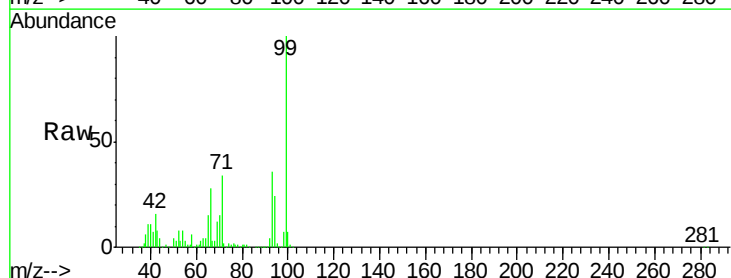
RT: 6.36 min Scan# 374

Delta R.T. 0.00 min

Lab File: BF083054.D

Acq: 20 Nov 2015 00:34

Tgt Ion:	93	Resp:	317096
Ion	Ratio	Lower	Upper
93	100		
66	78.0	51.4	77.2#
65	42.5	30.7	46.1

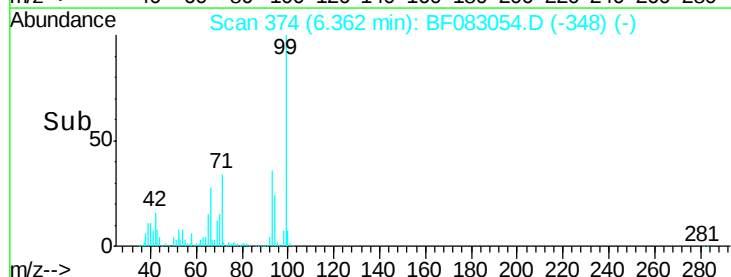


Abundance Ion 93.00 (92.70 to 93.70): BF083044.D (-370) (-)

Ion 66.00 (65.70 to 66.70): BF083044.D (-370) (-)

Ion 65.00 (64.70 to 65.70): BF083044.D (-370) (-)

Time-->

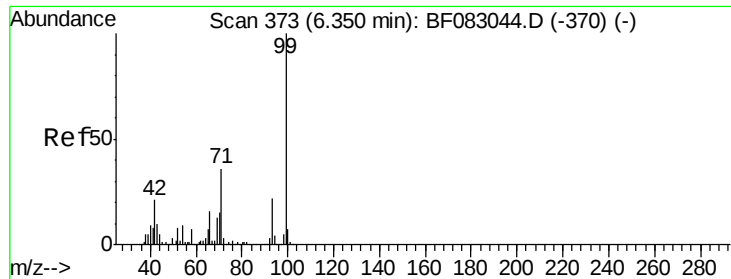


Abundance Ion 93.00 (92.70 to 93.70): BF083054.D (-348) (-)

Ion 66.00 (65.70 to 66.70): BF083054.D (-348) (-)

Ion 65.00 (64.70 to 65.70): BF083054.D (-348) (-)

Time-->



#7

Phenol-d6

Concen: 132.42 ng

RT: 6.36 min Scan# 374

Delta R.T. 0.01 min

Lab File: BF083054.D

Acq: 20 Nov 2015 00:34

Instrument :

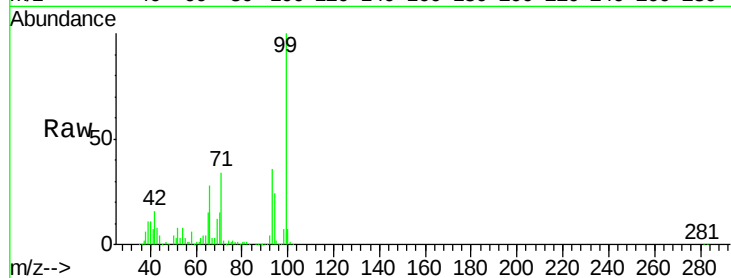
BNA_F

ClientSampleId :

PB86723BSD

Tgt Ion: 99 Resp: 1203282

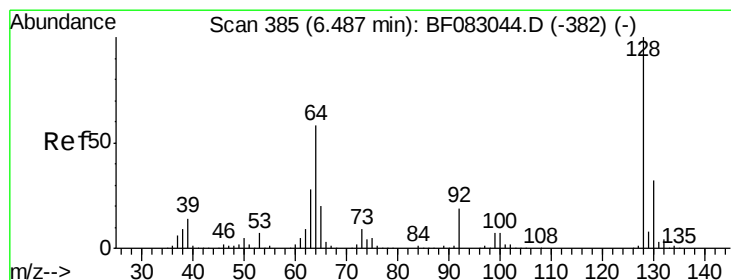
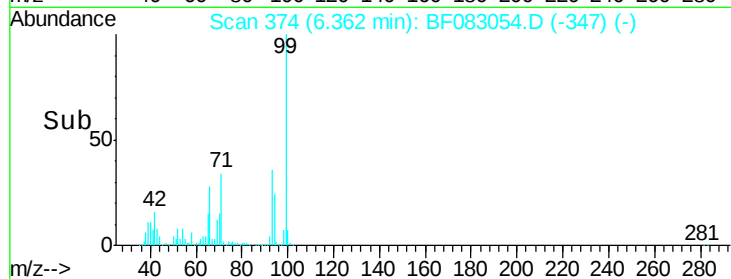
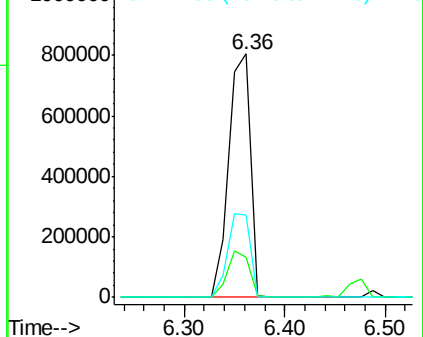
Ion	Ratio	Lower	Upper
99	100		
42	16.3	16.6	25.0#
71	33.6	29.2	43.8



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: 39.77 ng

RT: 6.49 min Scan# 385

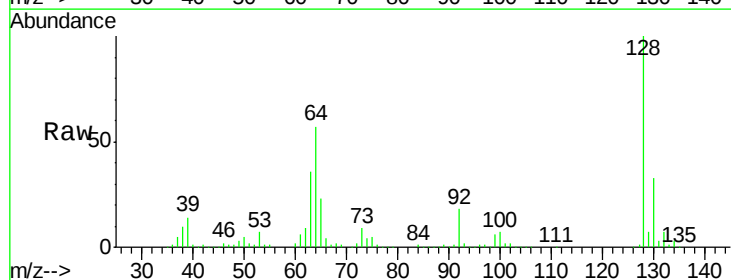
Delta R.T. 0.00 min

Lab File: BF083054.D

Acq: 20 Nov 2015 00:34

Tgt Ion: 128 Resp: 306029

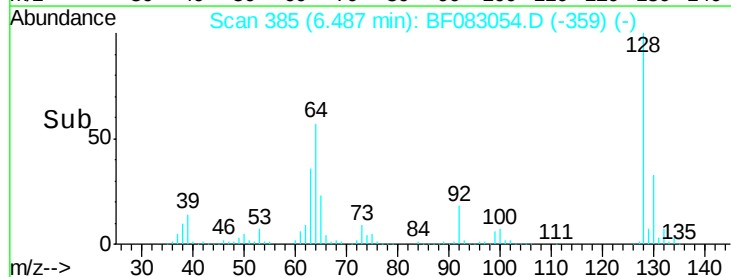
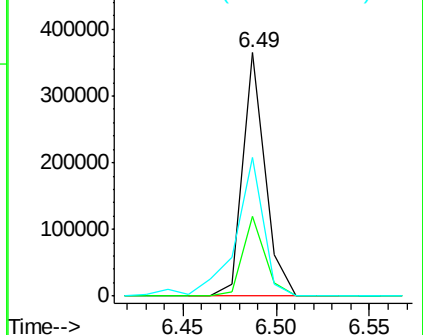
Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.3	52.3
64	56.9	38.3	78.3

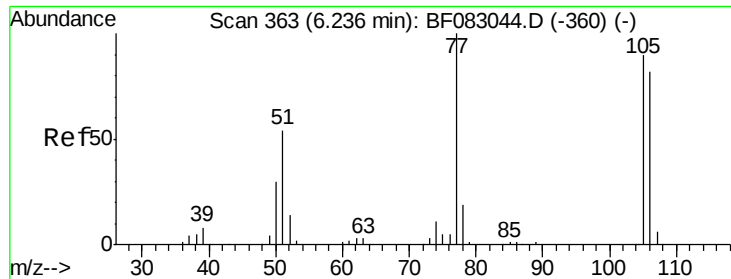


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

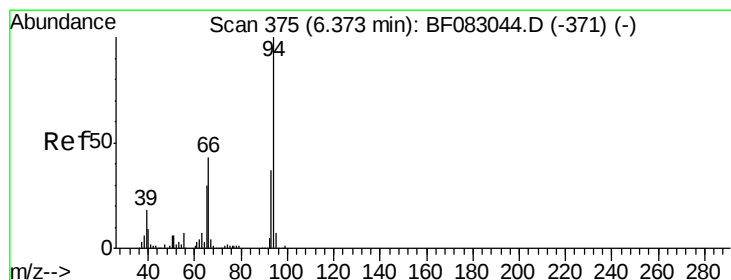
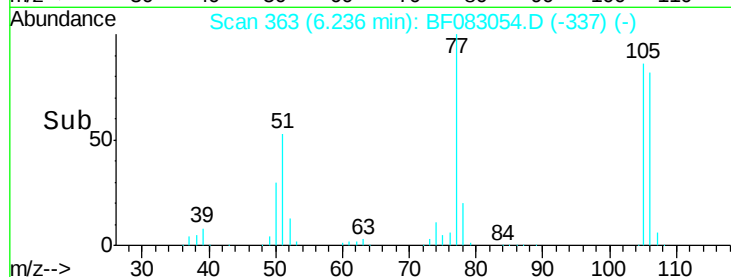
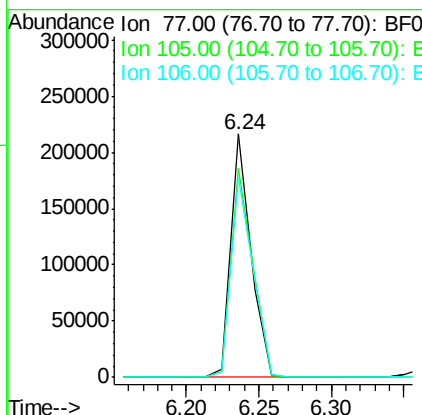
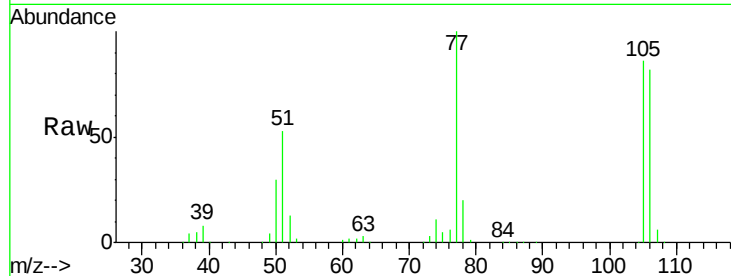




#9
Benzaldehyde
Concen: 46.72 ng
RT: 6.24 min Scan# 363
Delta R.T. 0.00 min
Lab File: BF083054.D
Acq: 20 Nov 2015 00:34

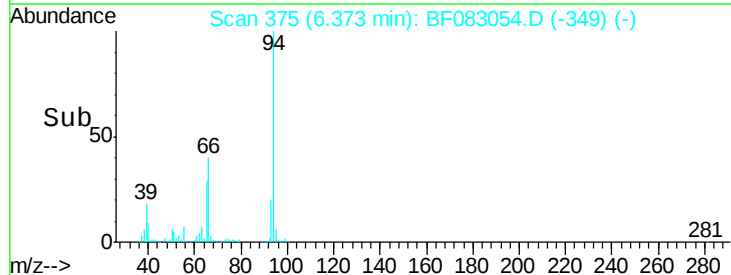
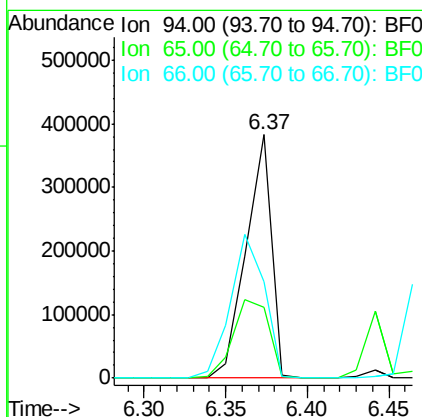
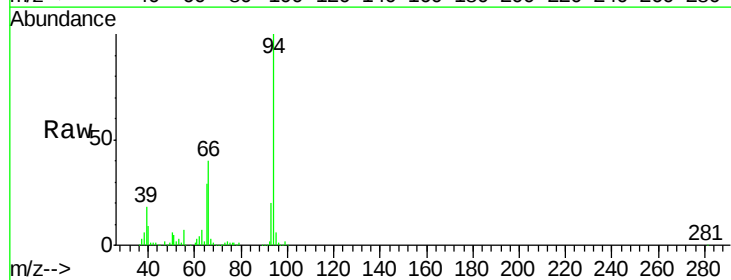
Instrument :
BNA_F
ClientSampleId :
PB86723BSD

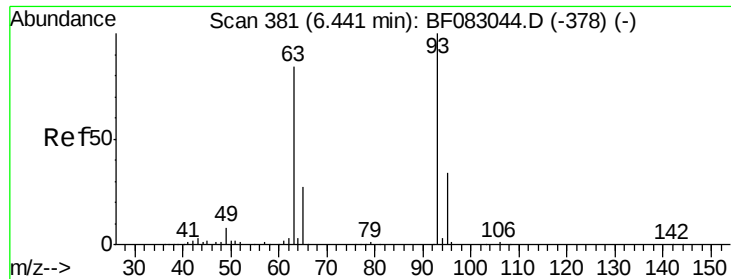
Tgt Ion: 77 Resp: 209055
Ion Ratio Lower Upper
77 100
105 86.0 69.6 109.6
106 82.1 62.0 102.0



#10
Phenol
Concen: 39.28 ng
RT: 6.37 min Scan# 375
Delta R.T. 0.00 min
Lab File: BF083054.D
Acq: 20 Nov 2015 00:34

Tgt Ion: 94 Resp: 415876
Ion Ratio Lower Upper
94 100
65 28.9 10.1 50.1
66 39.6 23.2 63.2

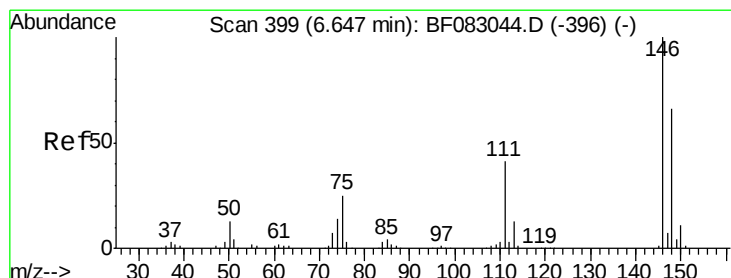
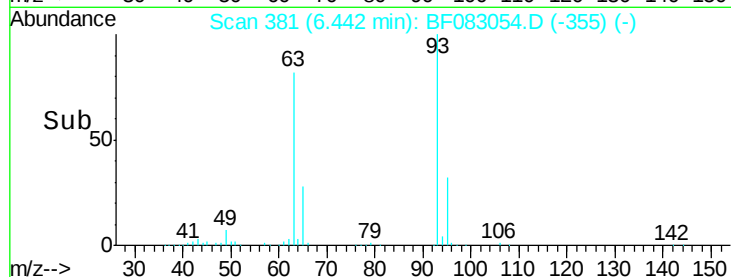
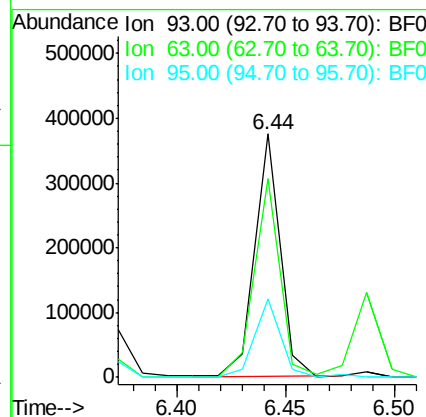
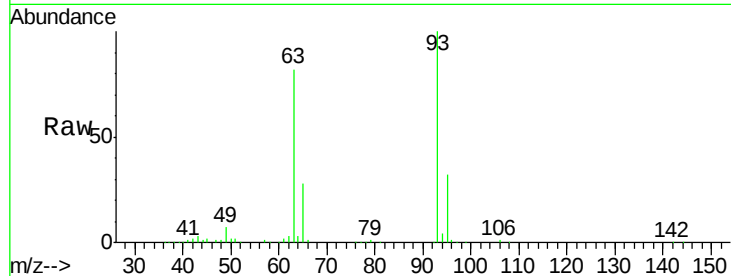




#11
bis(2-Chloroethyl)ether
Concen: 39.46 ng
RT: 6.44 min Scan# 381
Delta R.T. 0.00 min
Lab File: BF083054.D
Acq: 20 Nov 2015 00:34

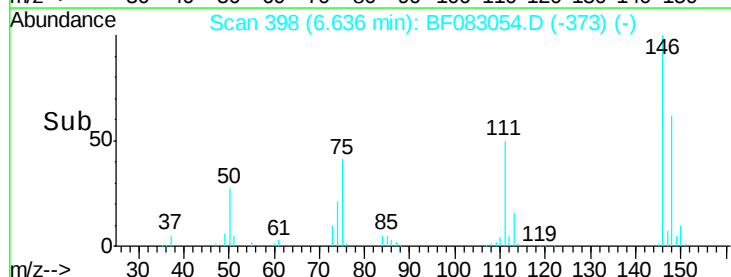
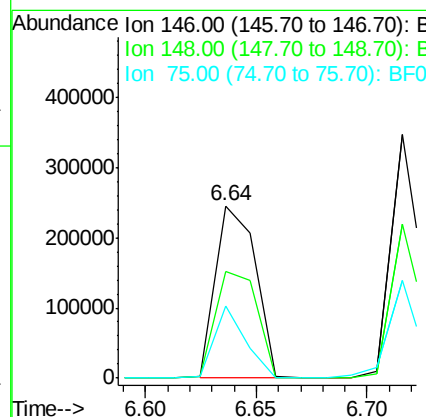
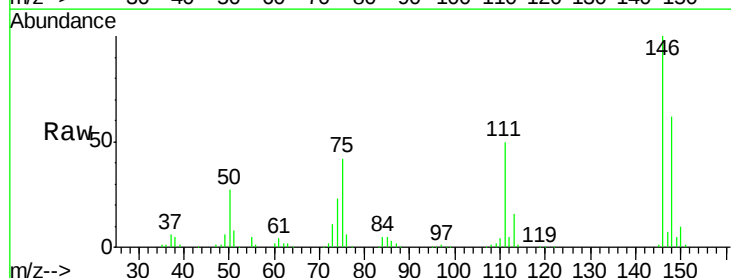
Instrument :
BNA_F
ClientSampleId :
PB86723BSD

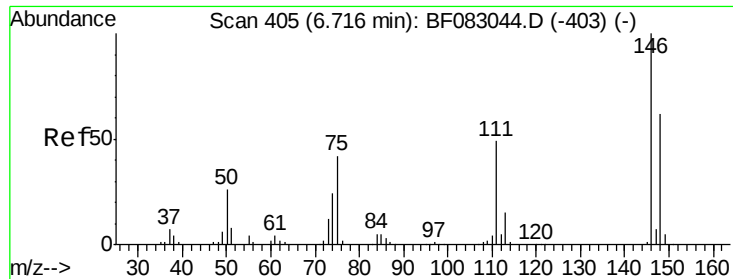
Tgt Ion: 93 Resp: 303549
Ion Ratio Lower Upper
93 100
63 81.7 63.6 103.6
95 32.4 13.8 53.8



#12
1,3-Dichlorobenzene
Concen: 36.20 ng m
RT: 6.64 min Scan# 398
Delta R.T. -0.01 min
Lab File: BF083054.D
Acq: 20 Nov 2015 00:34

Tgt Ion: 146 Resp: 311773
Ion Ratio Lower Upper
146 100
148 62.2 52.8 79.2
75 41.8 20.3 30.5#

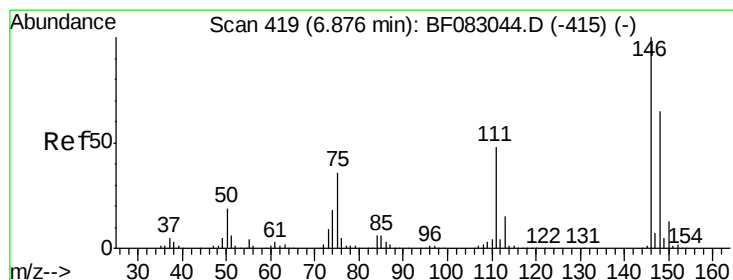
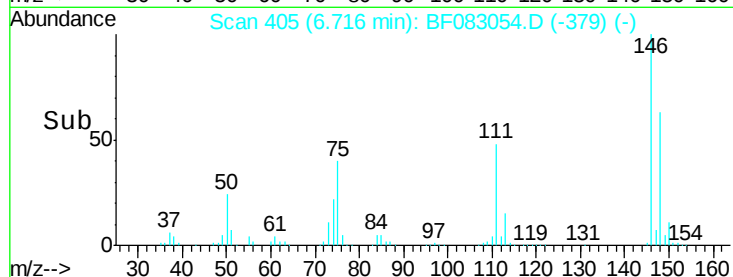
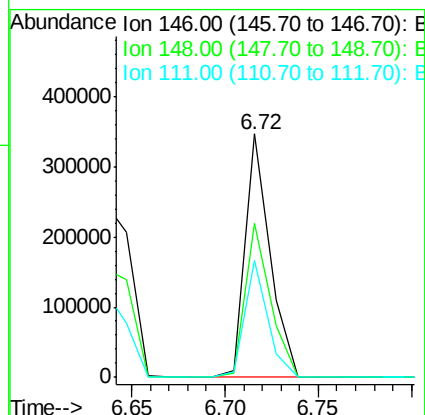
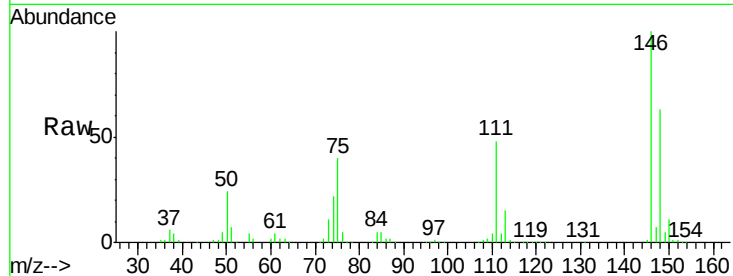




#13
 1,4-Dichlorobenzene
 Concen: 36.71 ng
 RT: 6.72 min Scan# 405
 Delta R.T. 0.00 min
 Lab File: BF083054.D
 Acq: 20 Nov 2015 00:34

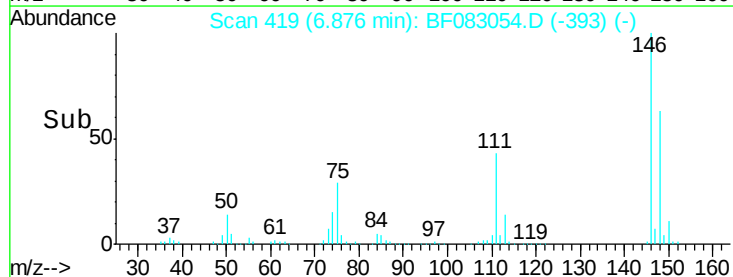
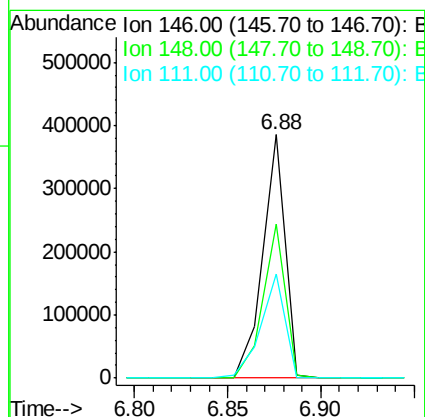
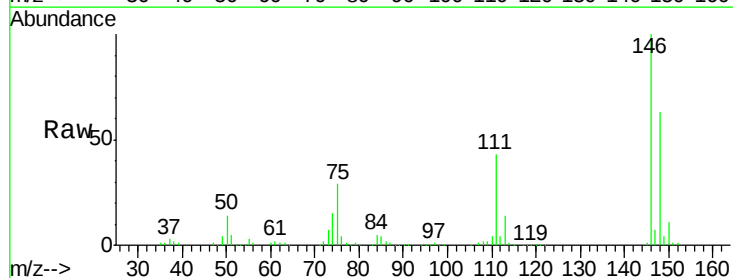
Instrument :
 BNA_F
 ClientSampleId :
 PB86723BSD

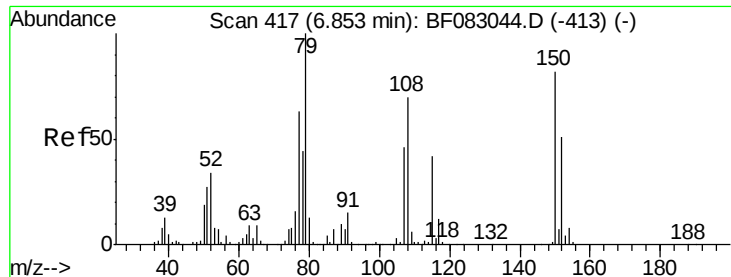
Tgt Ion:146 Resp: 320258
 Ion Ratio Lower Upper
 146 100
 148 63.1 49.6 74.4
 111 48.1 39.0 58.6



#14
 1,2-Dichlorobenzene
 Concen: 40.26 ng
 RT: 6.88 min Scan# 419
 Delta R.T. 0.00 min
 Lab File: BF083054.D
 Acq: 20 Nov 2015 00:34

Tgt Ion:146 Resp: 324592
 Ion Ratio Lower Upper
 146 100
 148 63.2 51.8 77.6
 111 42.8 38.2 57.2





#15

Benzyl Alcohol

Concen: 41.36 ng

RT: 6.85 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF083054.D

Acq: 20 Nov 2015 00:34

Instrument :

BNA_F

ClientSampleId :

PB86723BSD

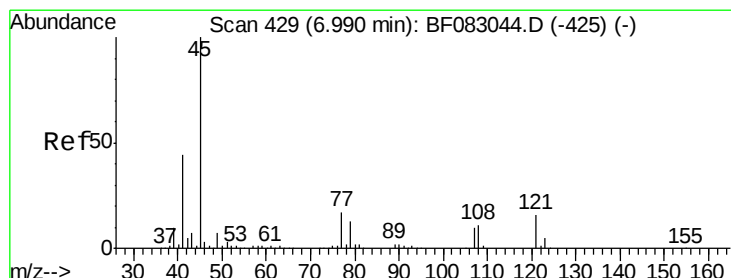
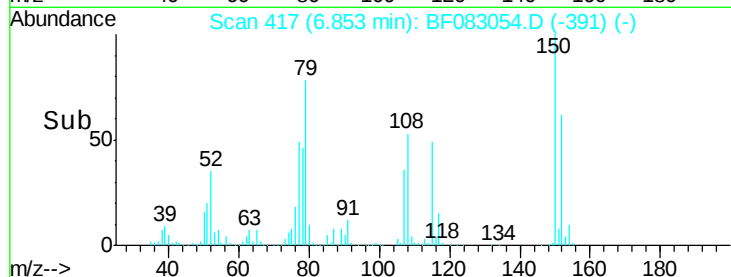
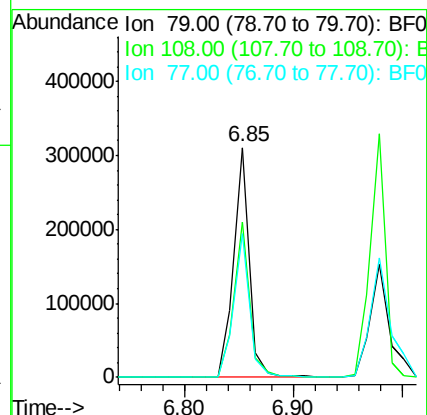
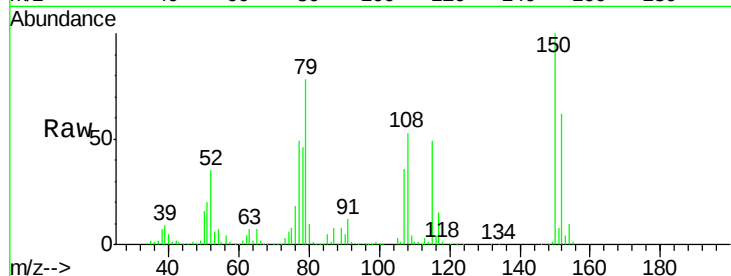
Tgt Ion: 79 Resp: 309212

Ion Ratio Lower Upper

79 100

108 67.7 55.7 83.5

77 62.5 50.7 76.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.70 ng

RT: 6.99 min Scan# 429

Delta R.T. 0.00 min

Lab File: BF083054.D

Acq: 20 Nov 2015 00:34

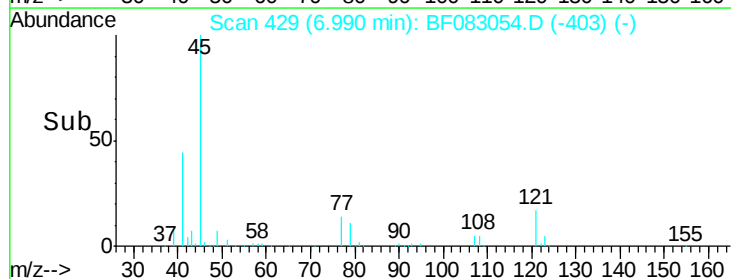
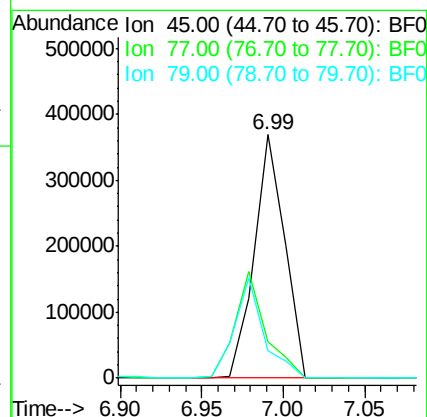
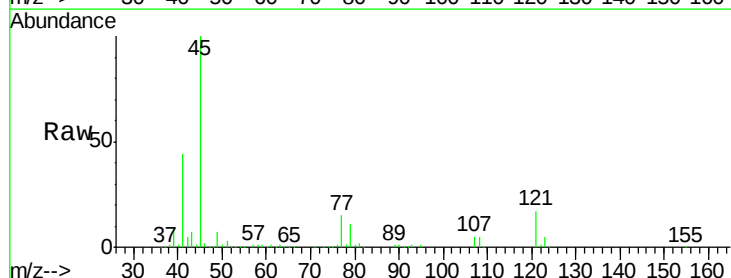
Tgt Ion: 45 Resp: 476121

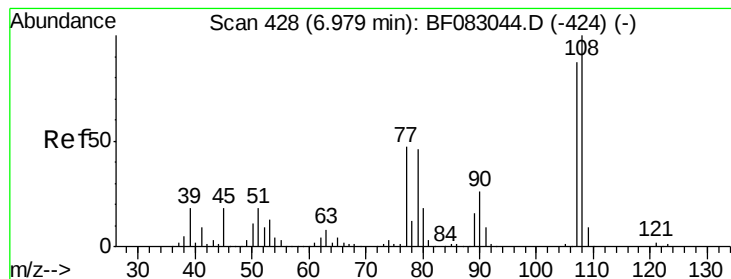
Ion Ratio Lower Upper

45 100

77 15.0 0.0 36.7

79 11.3 0.0 33.0





#17

2-Methylphenol

Concen: 43.98 ng

RT: 6.98 min Scan# 428

Delta R.T. 0.00 min

Lab File: BF083054.D

Acq: 20 Nov 2015 00:34

Instrument :

BNA_F

ClientSampleId :

PB86723BSD

Tgt Ion:107 Resp: 282600

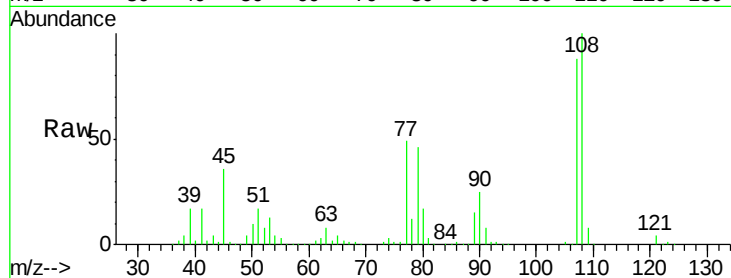
Ion Ratio Lower Upper

107 100

108 114.3 92.3 138.5

77 55.9 43.9 65.9

79 52.8 42.6 64.0



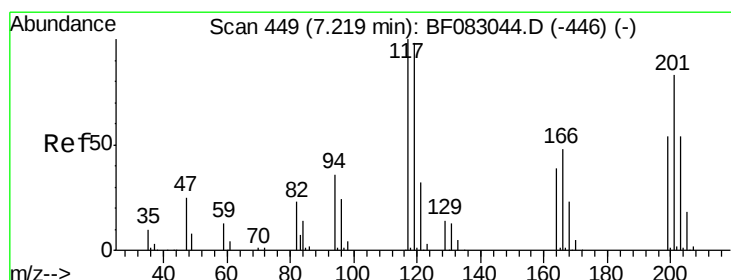
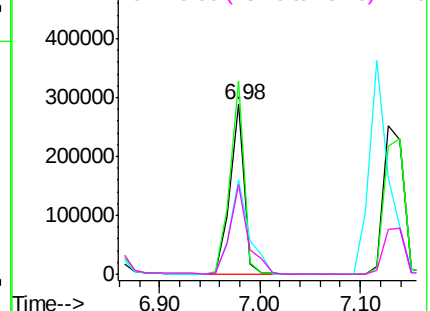
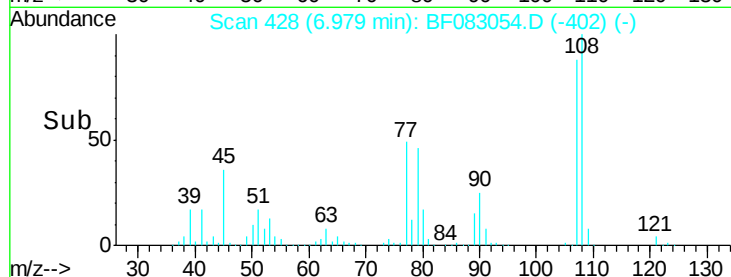
Abundance

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: 38.73 ng

RT: 7.22 min Scan# 449

Delta R.T. 0.00 min

Lab File: BF083054.D

Acq: 20 Nov 2015 00:34

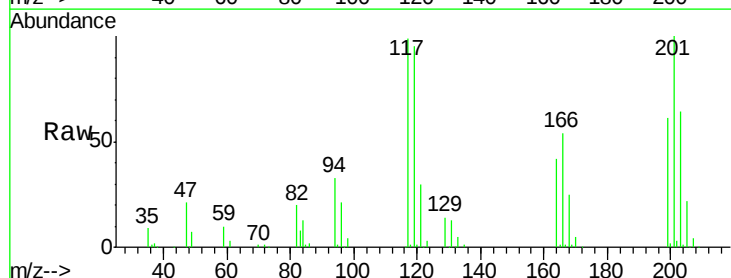
Tgt Ion:117 Resp: 124191

Ion Ratio Lower Upper

117 100

119 96.2 78.3 117.5

201 101.5 66.5 99.7#

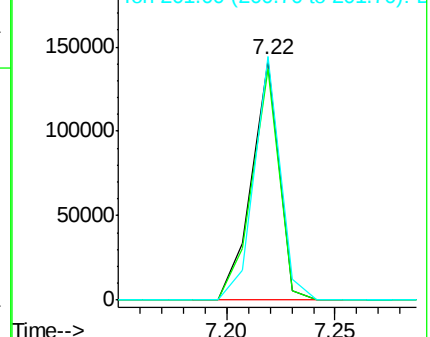
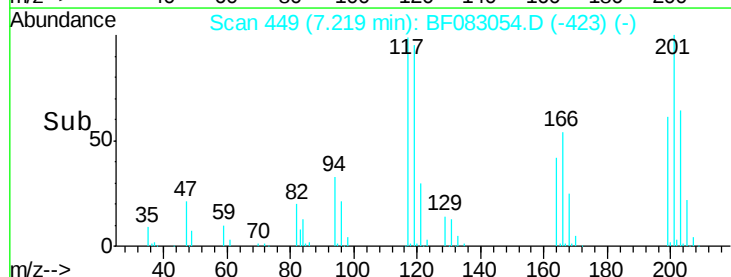


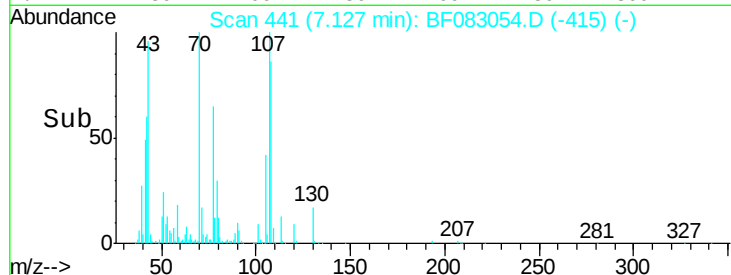
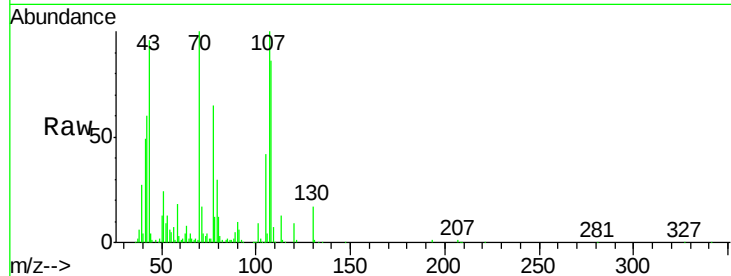
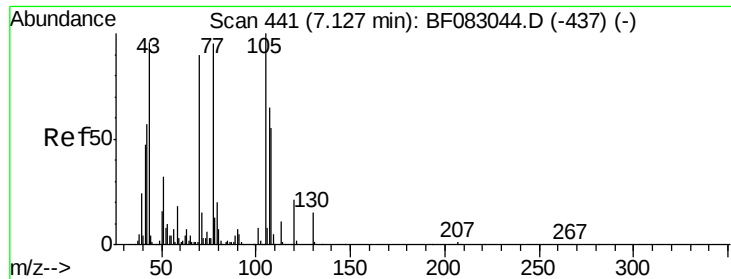
Abundance

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

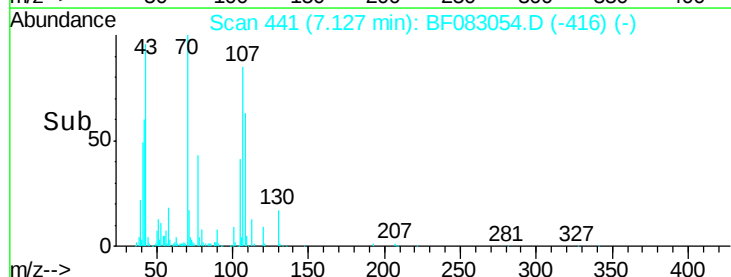
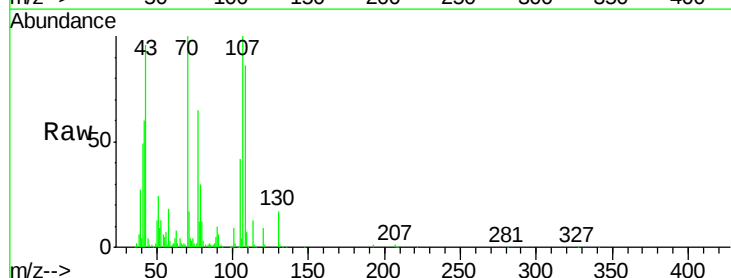
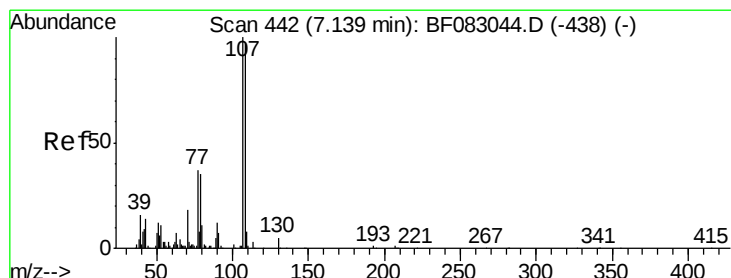
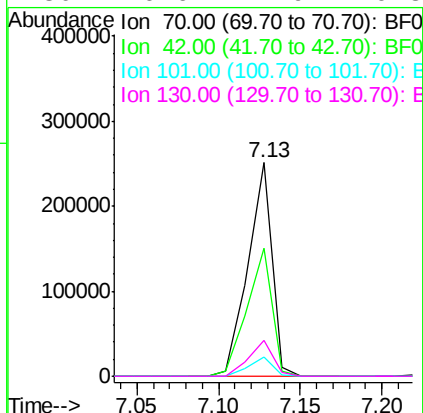




#19
n-Nitroso-di-n-propylamine
Concen: 38.76 ng
RT: 7.13 min Scan# 441
Delta R.T. 0.00 min
Lab File: BF083054.D
Acq: 20 Nov 2015 00:34

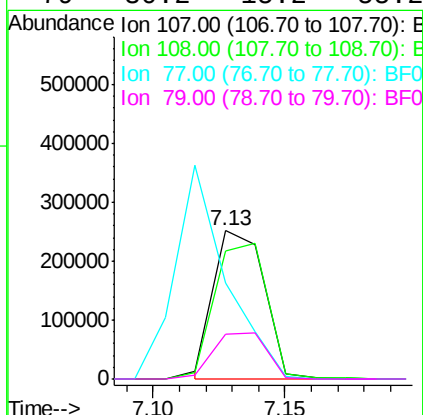
Instrument :
BNA_F
ClientSampleId :
PB86723BSD

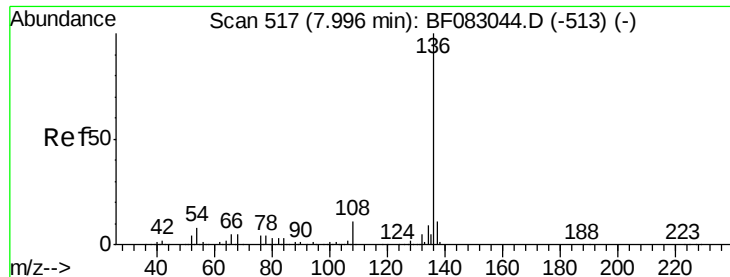
Tgt Ion:	70	Resp:	257357
Ion	Ratio	Lower	Upper
70	100		
42	60.2	50.2	75.2
101	9.0	6.8	10.2
130	16.6	12.9	19.3



#20
3+4-Methylphenols
Concen: 40.41 ng m
RT: 7.13 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF083054.D
Acq: 20 Nov 2015 00:34

Tgt Ion:	107	Resp:	338490
Ion	Ratio	Lower	Upper
107	100		
108	86.3	77.4	117.4
77	64.9	16.7	56.7#
79	30.2	15.2	55.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.00 min Scan# 517

Delta R.T. 0.00 min

Lab File: BF083054.D

Acq: 20 Nov 2015 00:34

Instrument :

BNA_F

ClientSampleId :

PB86723BSD

Tgt Ion:136 Resp: 407934

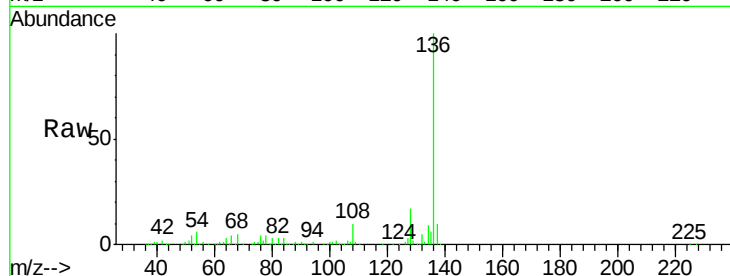
Ion Ratio Lower Upper

136 100

137 10.2 8.6 12.8

54 6.4 6.2 9.2

68 4.7 4.2 6.2

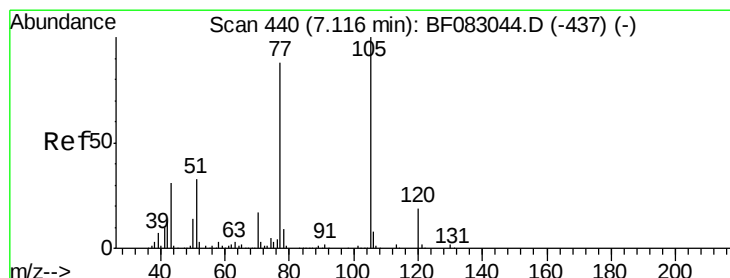
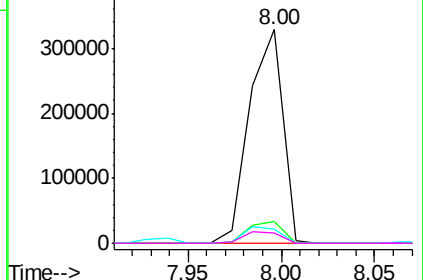
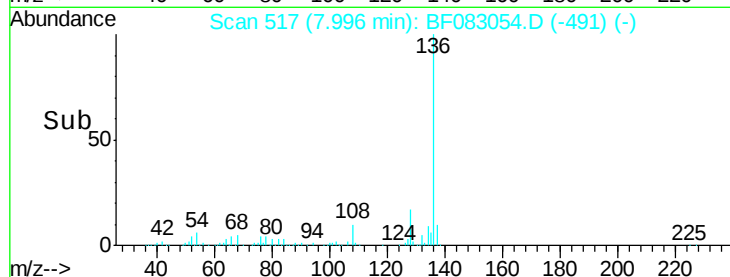


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 38.61 ng

RT: 7.12 min Scan# 440

Delta R.T. 0.00 min

Lab File: BF083054.D

Acq: 20 Nov 2015 00:34

Tgt Ion:105 Resp: 441214

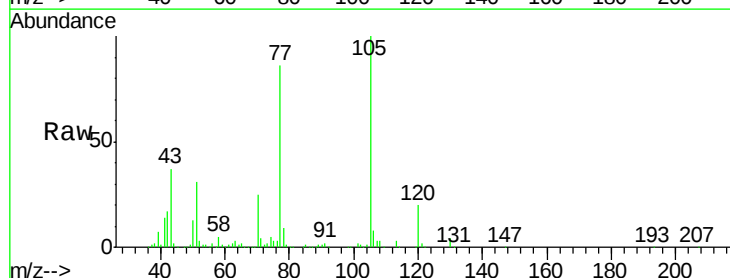
Ion Ratio Lower Upper

105 100

71 4.2 2.3 3.5#

51 30.8 26.1 39.1

120 19.6 15.3 22.9

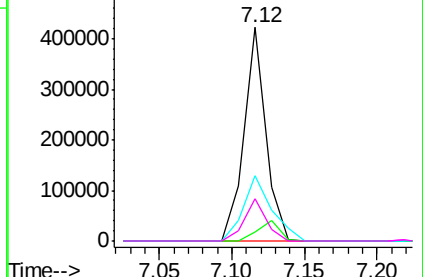
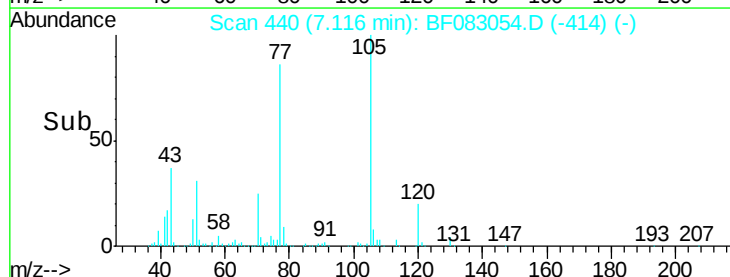


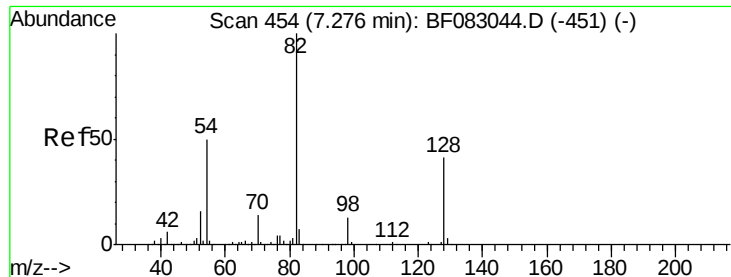
Abundance Ion 105.00 (104.70 to 105.70): E

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

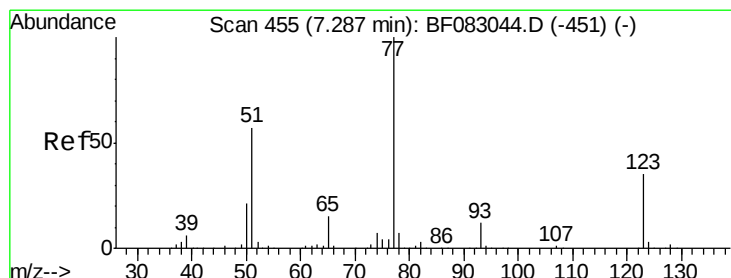
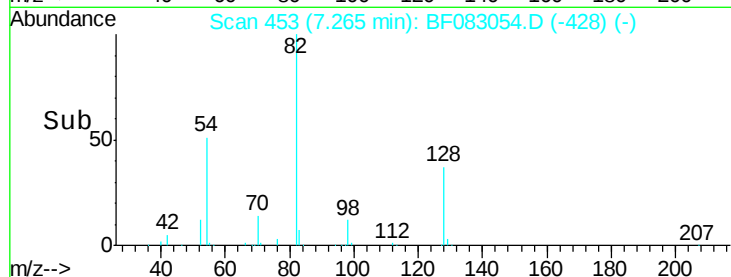
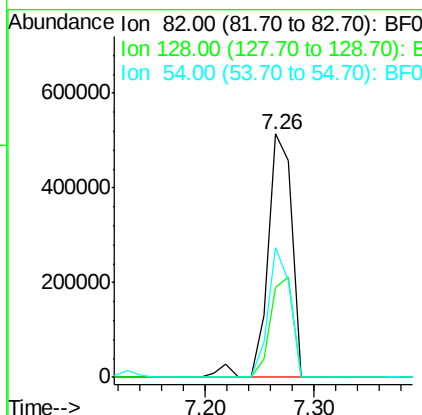
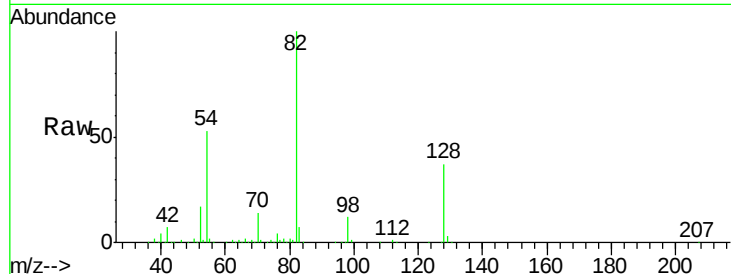




#23
 Nitrobenzene-d5
 Concen: 87.95 ng
 RT: 7.26 min Scan# 453
 Delta R.T. -0.01 min
 Lab File: BF083054.D
 Acq: 20 Nov 2015 00:34

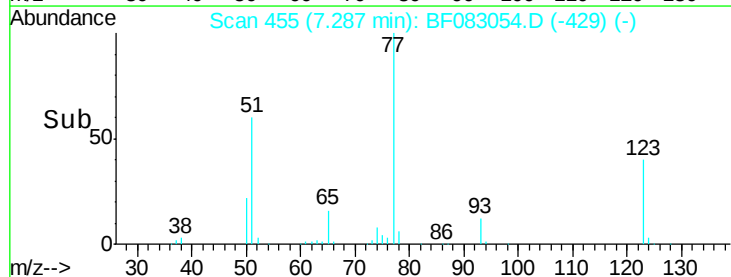
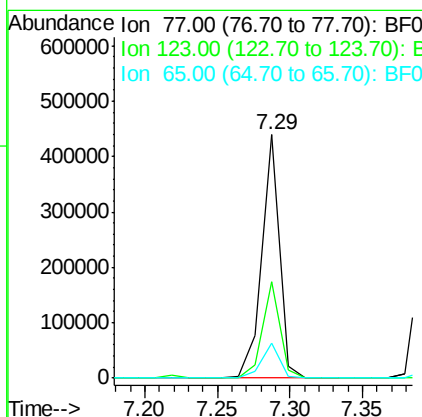
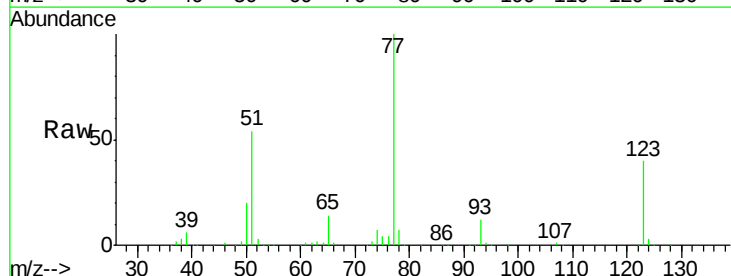
Instrument :
 BNA_F
 ClientSampleId :
 PB86723BSD

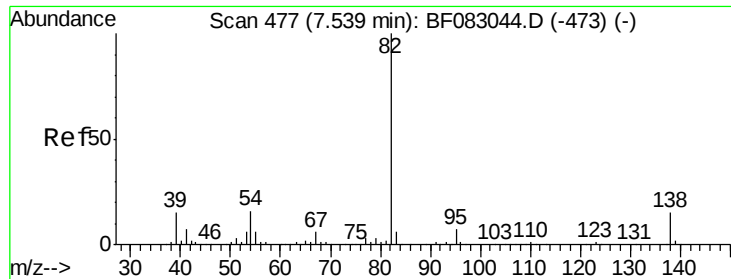
Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.8	33.1	49.7
54	53.2	39.8	59.6



#24
 Nitrobenzene
 Concen: 41.28 ng
 RT: 7.29 min Scan# 455
 Delta R.T. 0.00 min
 Lab File: BF083054.D
 Acq: 20 Nov 2015 00:34

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.7	28.2	42.4
65	14.5	11.8	17.8





#25

Isophorone

Concen: 40.49 ng

RT: 7.54 min Scan# 477

Delta R.T. 0.00 min

Lab File: BF083054.D

Acq: 20 Nov 2015 00:34

Instrument :

BNA_F

ClientSampleId :

PB86723BSD

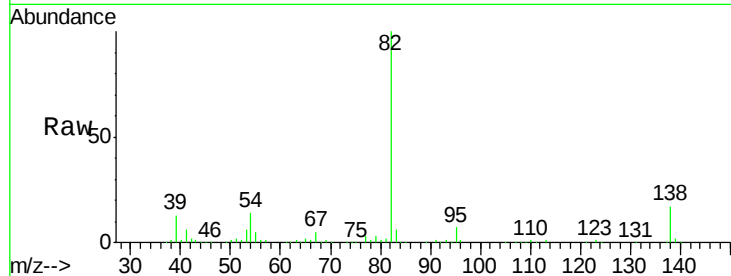
Tgt Ion: 82 Resp: 680424

Ion Ratio Lower Upper

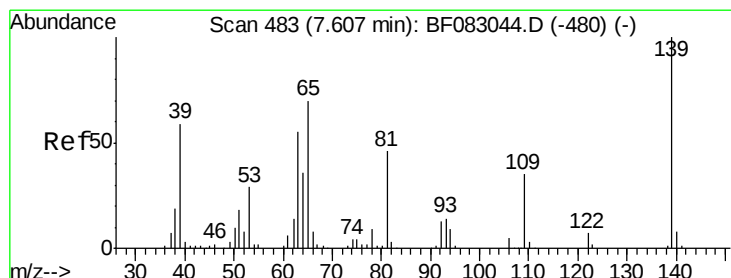
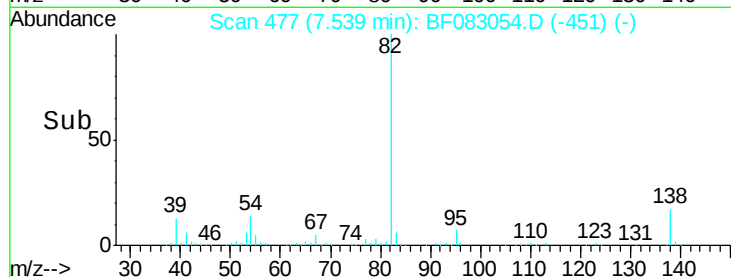
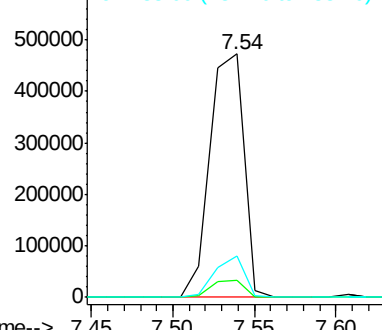
82 100

95 7.0 5.7 8.5

138 17.1 12.2 18.4



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: 41.25 ng

RT: 7.61 min Scan# 483

Delta R.T. 0.00 min

Lab File: BF083054.D

Acq: 20 Nov 2015 00:34

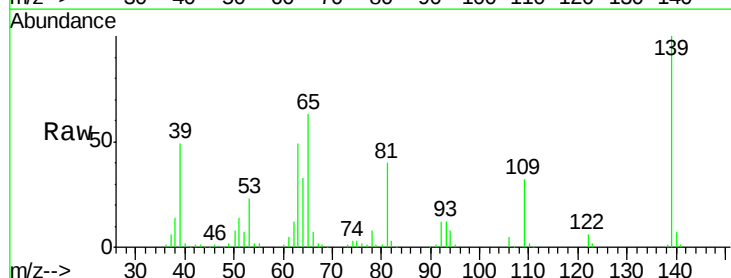
Tgt Ion: 139 Resp: 162168

Ion Ratio Lower Upper

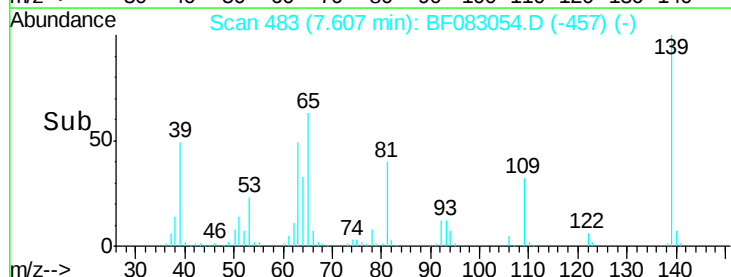
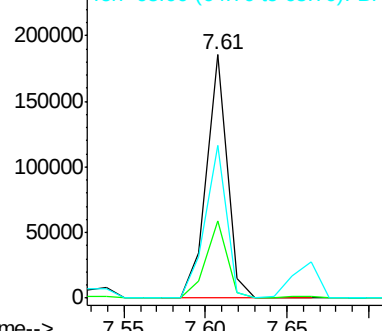
139 100

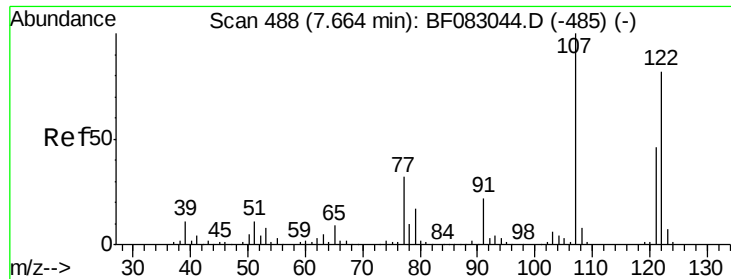
109 31.8 27.8 41.6

65 62.7 56.4 84.6



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

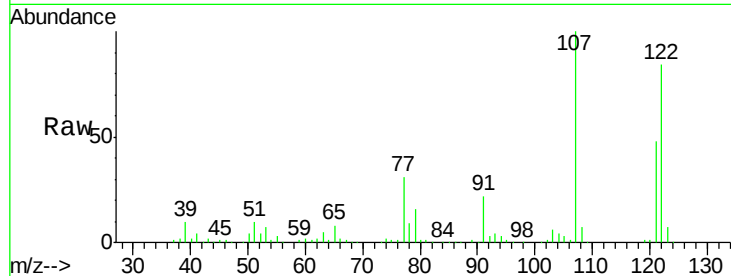




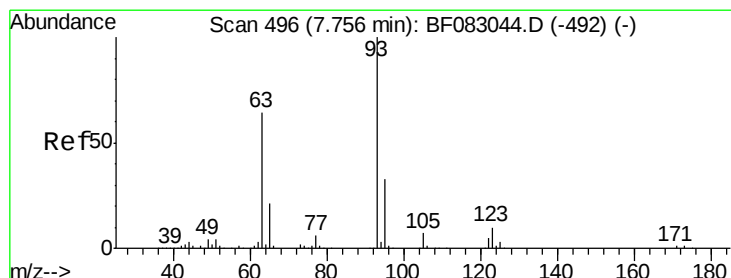
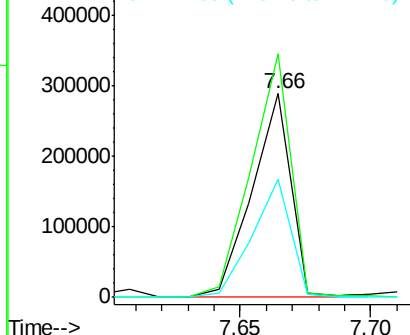
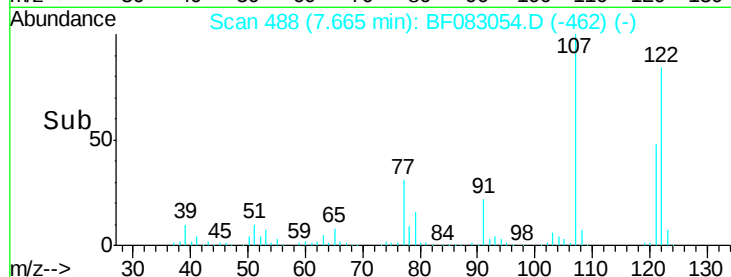
#27
 2,4-Dimethylphenol
 Concen: 46.62 ng
 RT: 7.66 min Scan# 488
 Delta R.T. 0.00 min
 Lab File: BF083054.D
 Acq: 20 Nov 2015 00:34

Instrument :
 BNA_F
 ClientSampleId :
 PB86723BSD

Tgt Ion:122 Resp: 302864
 Ion Ratio Lower Upper
 122 100
 107 119.6 97.5 146.3
 121 57.9 45.3 67.9

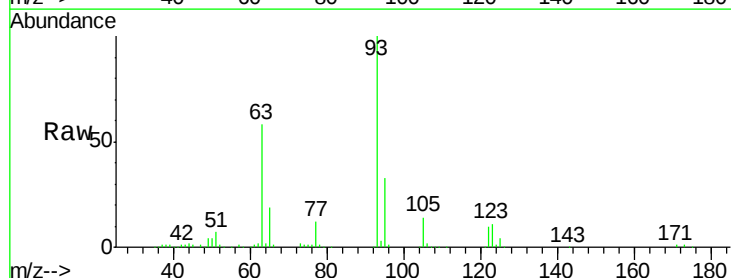


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

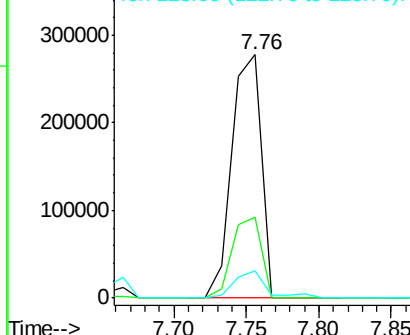
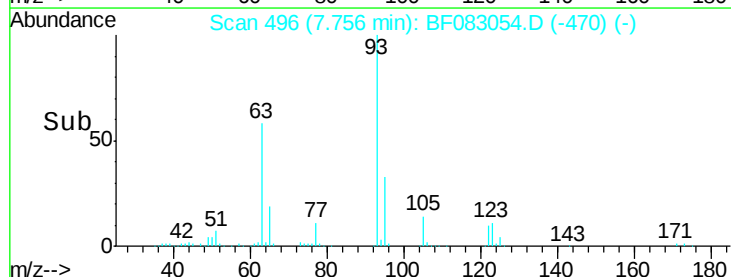


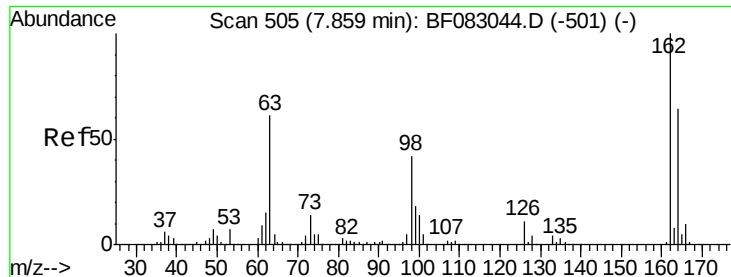
#28
 bis(2-Chloroethoxy)methane
 Concen: 41.56 ng
 RT: 7.76 min Scan# 496
 Delta R.T. 0.00 min
 Lab File: BF083054.D
 Acq: 20 Nov 2015 00:34

Tgt Ion: 93 Resp: 391305
 Ion Ratio Lower Upper
 93 100
 95 33.4 26.2 39.2
 123 11.5 8.5 12.7



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

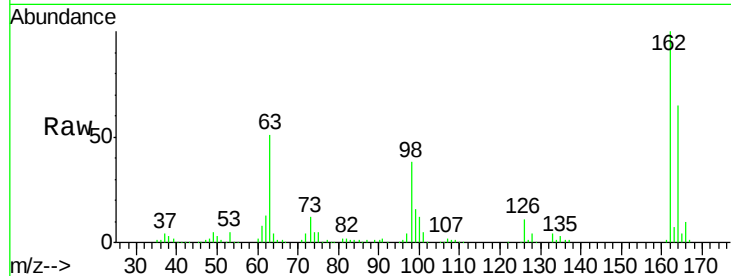




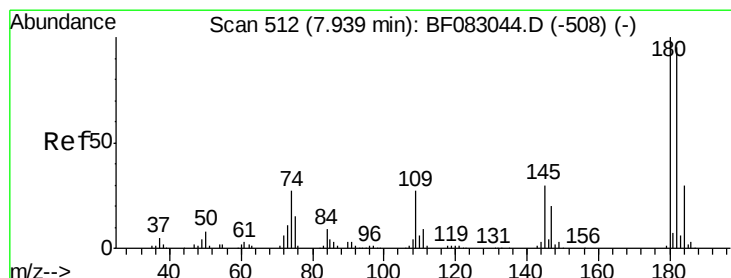
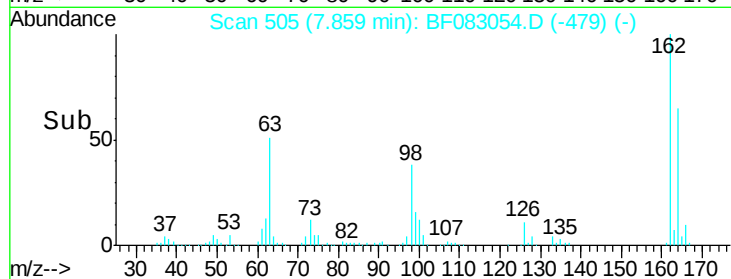
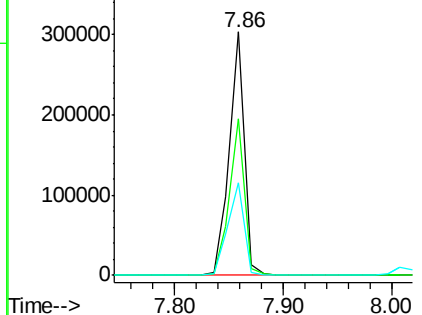
#29
2,4-Dichlorophenol
Concen: 46.00 ng
RT: 7.86 min Scan# 505
Delta R.T. 0.00 min
Lab File: BF083054.D
Acq: 20 Nov 2015 00:34

Instrument :
BNA_F
ClientSampleId :
PB86723BSD

Tgt Ion:162 Resp: 289644
Ion Ratio Lower Upper
162 100
164 64.5 44.1 84.1
98 38.0 21.6 61.6

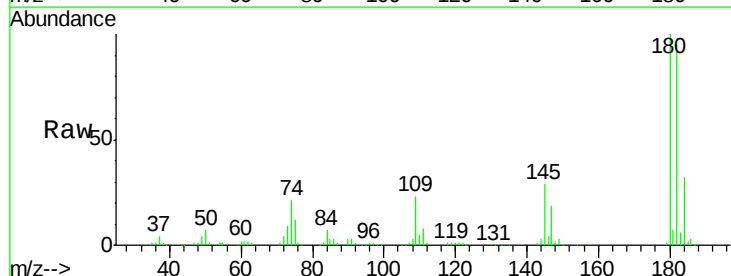


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

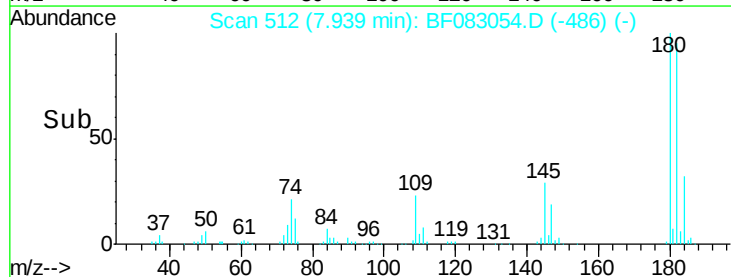
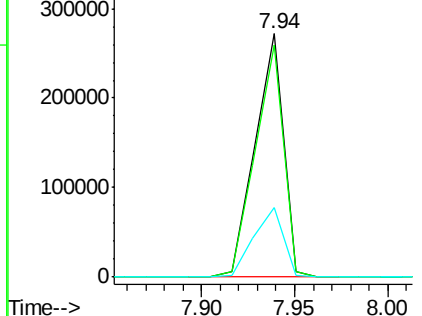


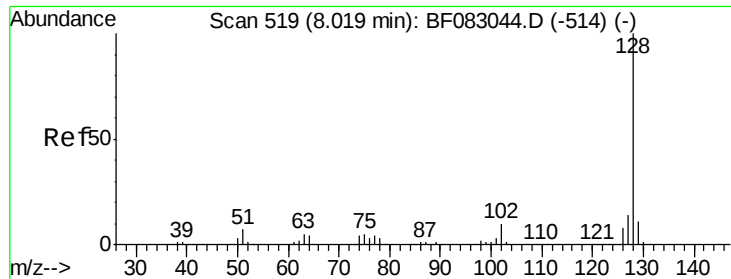
#30
1,2,4-Trichlorobenzene
Concen: 40.98 ng
RT: 7.94 min Scan# 512
Delta R.T. 0.00 min
Lab File: BF083054.D
Acq: 20 Nov 2015 00:34

Tgt Ion:180 Resp: 285741
Ion Ratio Lower Upper
180 100
182 95.5 76.2 114.4
145 28.8 24.0 36.0



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

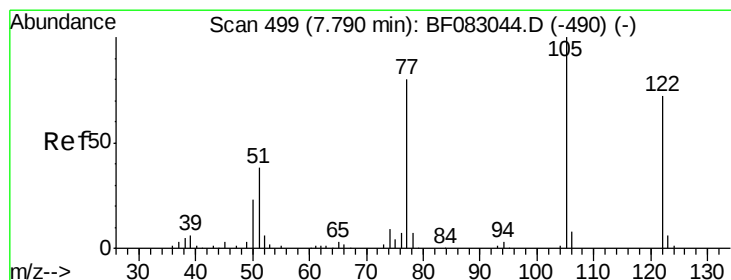
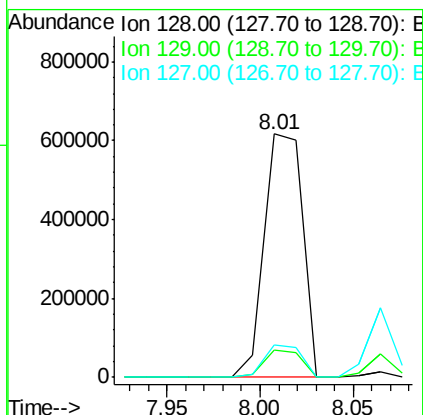
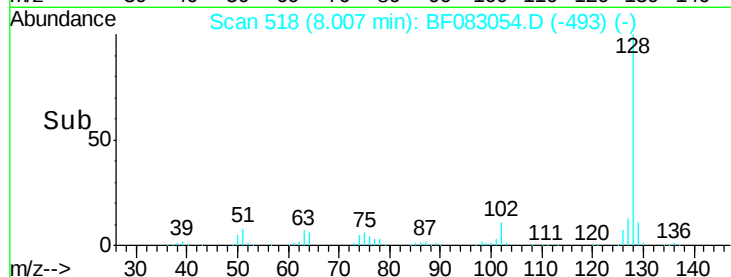
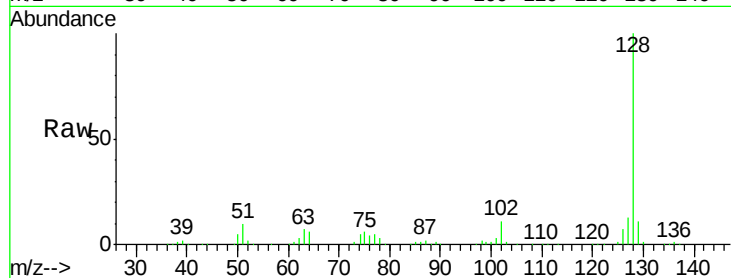




#31
Naphthalene
Concen: 41.21 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF083054.D
Acq: 20 Nov 2015 00:34

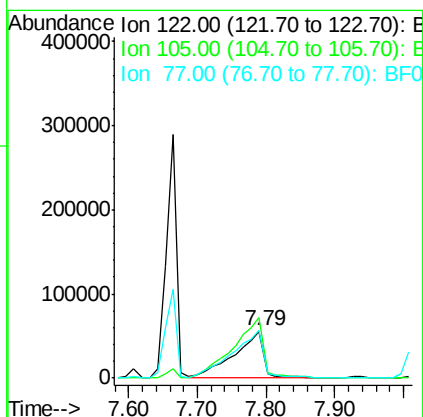
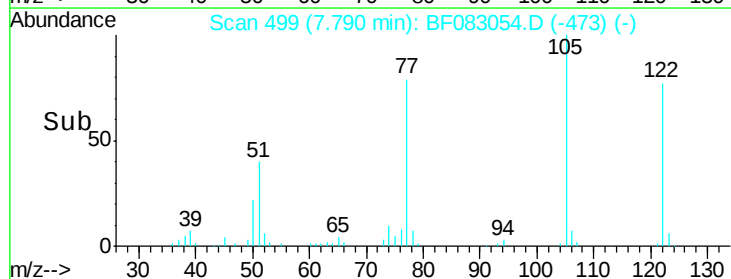
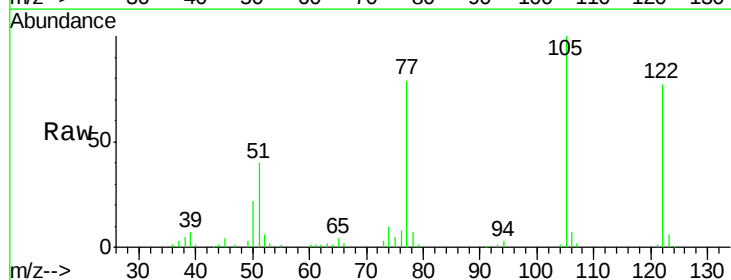
Instrument :
BNA_F
ClientSampleId :
PB86723BSD

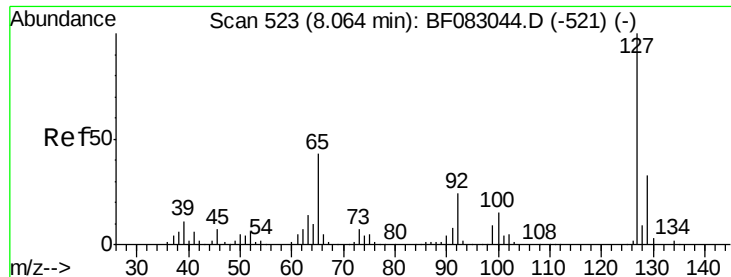
Tgt Ion:128 Resp: 875838
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.4
127 13.1 10.9 16.3



#32
Benzoic acid
Concen: 41.39 ng
RT: 7.79 min Scan# 499
Delta R.T. 0.00 min
Lab File: BF083054.D
Acq: 20 Nov 2015 00:34

Tgt Ion:122 Resp: 163547
Ion Ratio Lower Upper
122 100
105 130.1 115.0 155.0
77 102.5 89.0 129.0

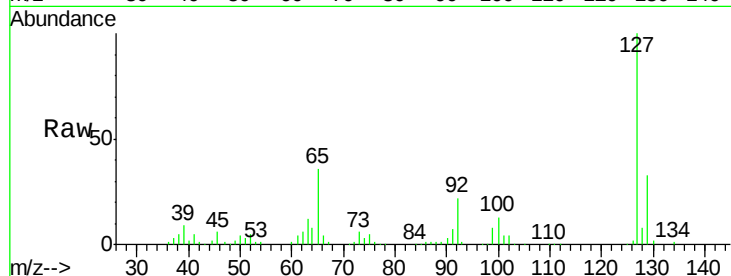




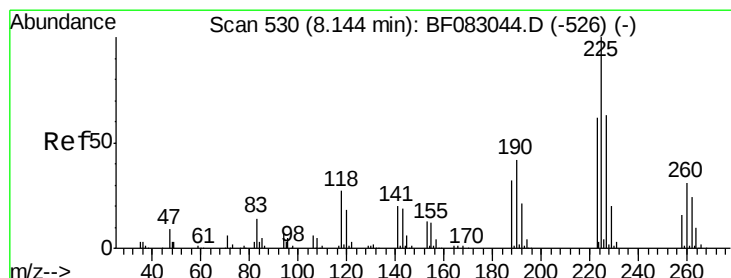
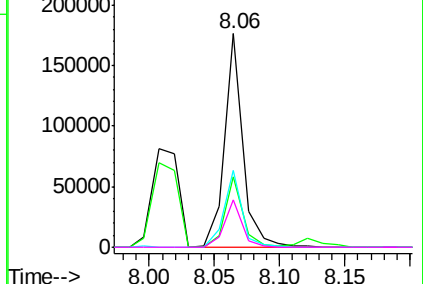
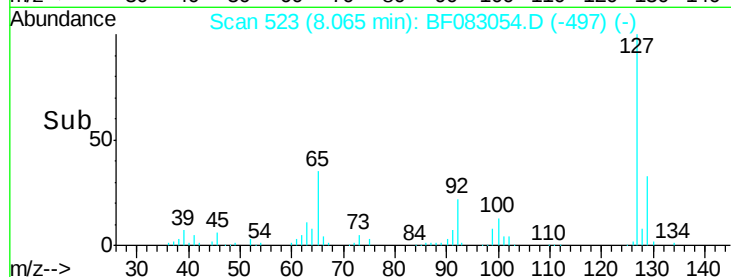
#33
4-Chloroaniline
Concen: 18.74 ng
RT: 8.06 min Scan# 523
Delta R.T. 0.00 min
Lab File: BF083054.D
Acq: 20 Nov 2015 00:34

Instrument :
BNA_F
ClientSampleId :
PB86723BSD

Tgt Ion:	127	Resp:	173241
Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.1	39.1
65	35.9	34.4	51.6
92	22.0	19.5	29.3

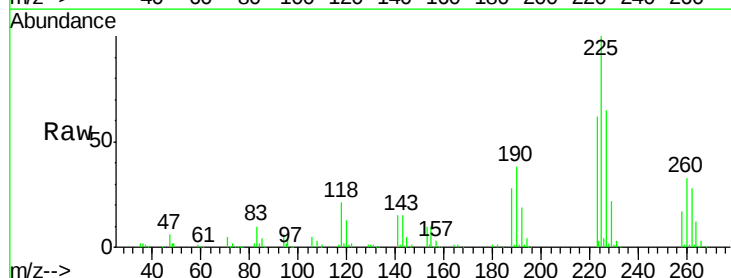


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

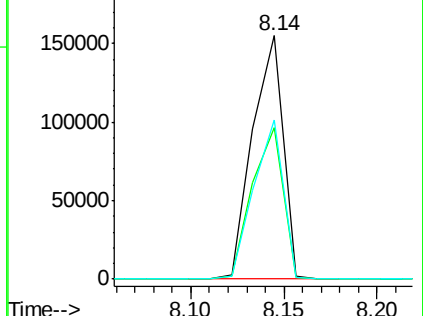
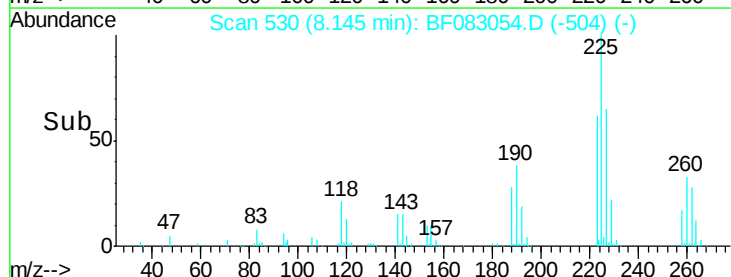


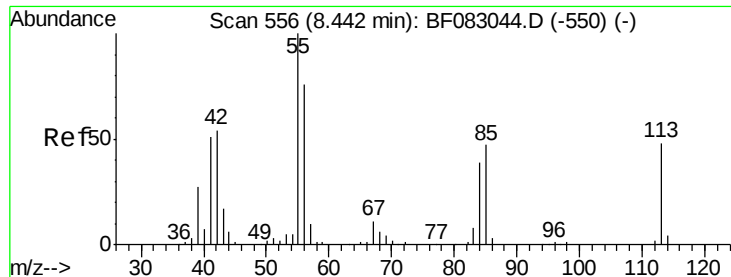
#34
Hexachlorobutadiene
Concen: 40.16 ng
RT: 8.14 min Scan# 530
Delta R.T. 0.00 min
Lab File: BF083054.D
Acq: 20 Nov 2015 00:34

Tgt Ion:	225	Resp:	175007
Ion	Ratio	Lower	Upper
225	100		
223	62.1	49.8	74.6
227	65.4	50.6	76.0



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

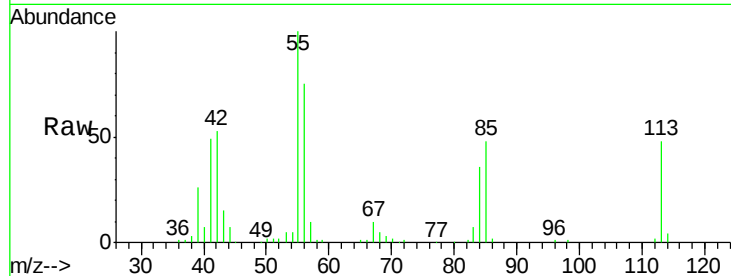




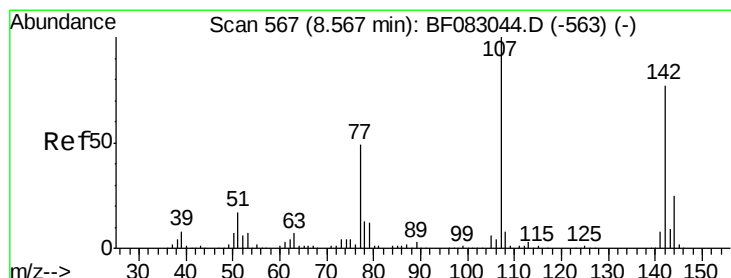
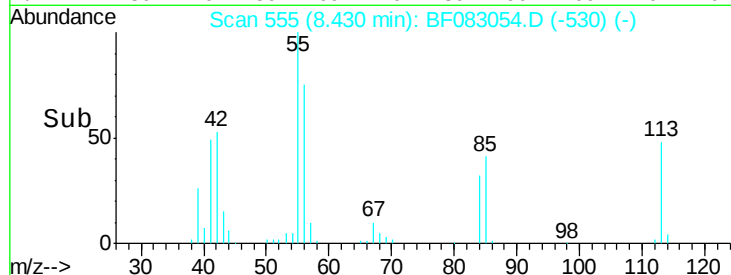
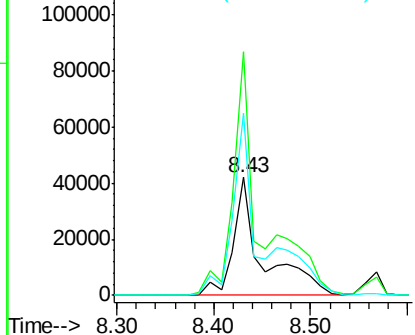
#35
 Caprolactam
 Concen: 43.92 ng m
 RT: 8.43 min Scan# 555
 Delta R.T. -0.01 min
 Lab File: BF083054.D
 Acq: 20 Nov 2015 00:34

Instrument :
 BNA_F
 ClientSampleId :
 PB86723BSD

Tgt Ion:113 Resp: 87920
 Ion Ratio Lower Upper
 113 100
 55 207.0 189.1 229.1
 56 154.8 137.9 177.9

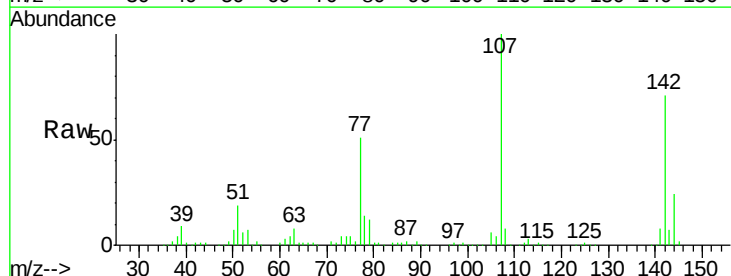


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

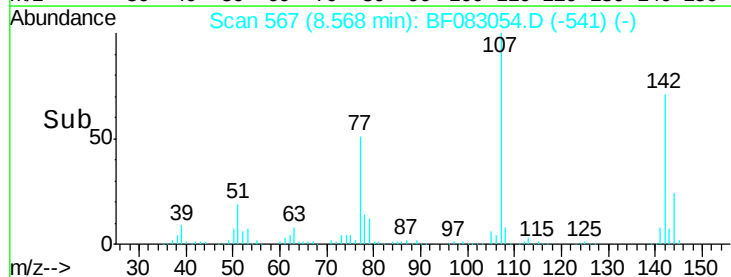
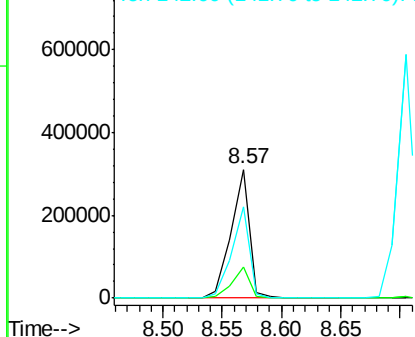


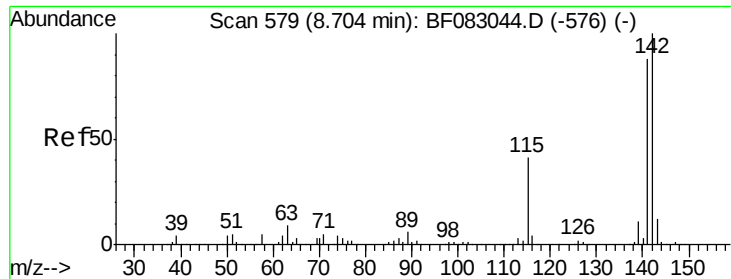
#36
 4-Chloro-3-methylphenol
 Concen: 45.89 ng
 RT: 8.57 min Scan# 567
 Delta R.T. 0.00 min
 Lab File: BF083054.D
 Acq: 20 Nov 2015 00:34

Tgt Ion:107 Resp: 334010
 Ion Ratio Lower Upper
 107 100
 144 23.8 20.0 30.0
 142 71.1 61.3 91.9



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

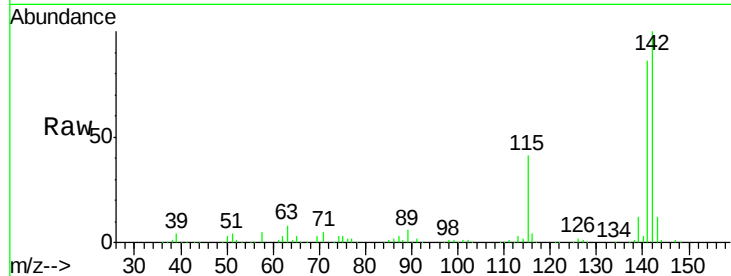




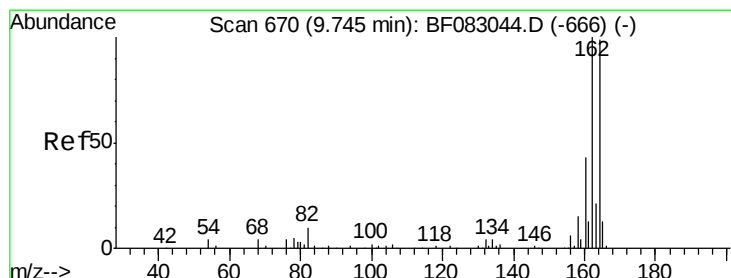
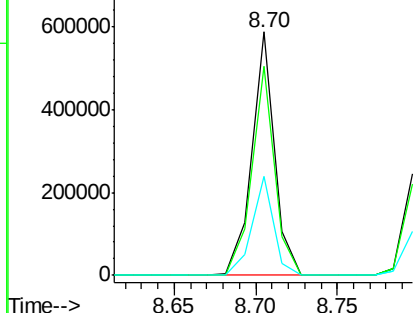
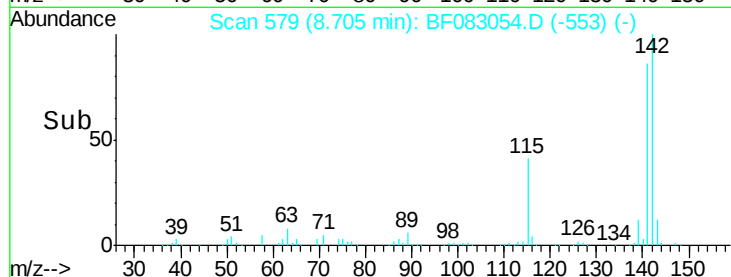
#37
 2-Methylnaphthalene
 Concen: 40.03 ng
 RT: 8.70 min Scan# 579
 Delta R.T. 0.00 min
 Lab File: BF083054.D
 Acq: 20 Nov 2015 00:34

Instrument :
 BNA_F
 ClientSampleId :
 PB86723BSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	85.8	70.7	106.1
115	40.8	33.1	49.7

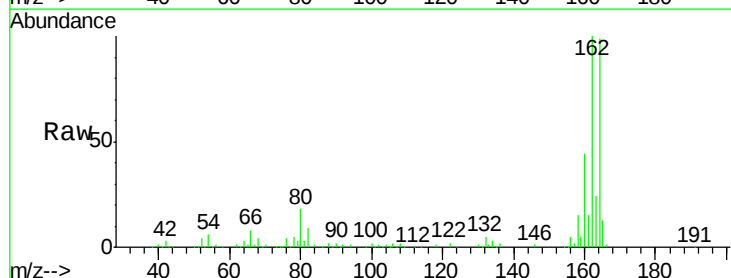


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

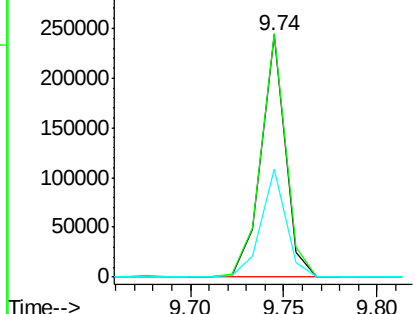
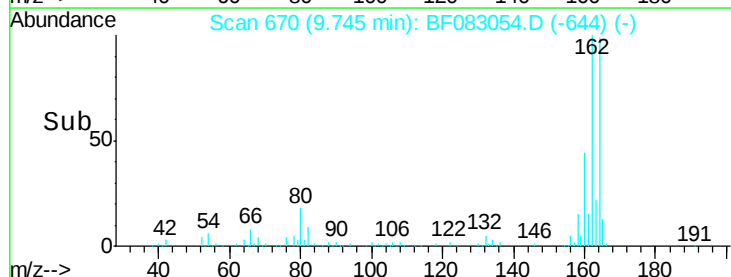


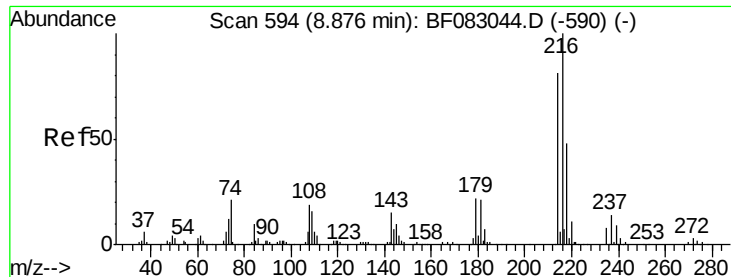
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.74 min Scan# 670
 Delta R.T. 0.00 min
 Lab File: BF083054.D
 Acq: 20 Nov 2015 00:34

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.6	80.5	120.7
160	44.4	35.0	52.4



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.90 ng

RT: 8.88 min Scan# 594

Delta R.T. 0.00 min

Lab File: BF083054.D

Acq: 20 Nov 2015 00:34

Instrument :

BNA_F

ClientSampleId :

PB86723BSD

Tgt Ion:216 Resp: 287326

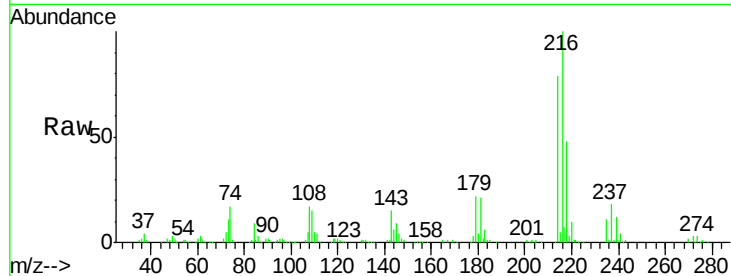
Ion Ratio Lower Upper

216 100

214 78.6 64.6 97.0

179 22.2 17.8 26.6

108 21.9 16.8 25.2

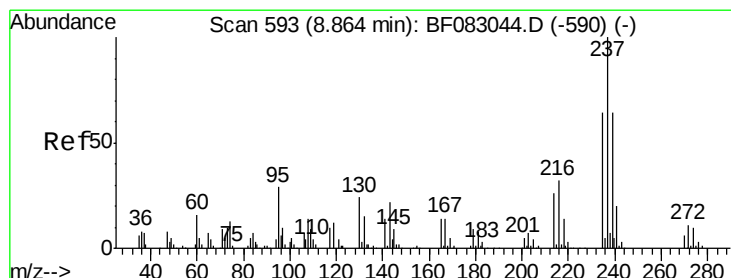
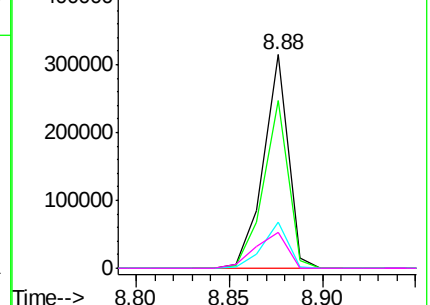
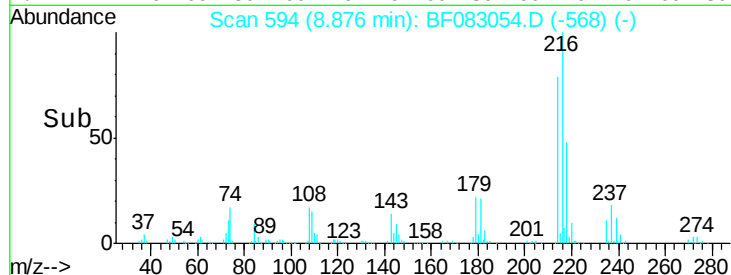


Abundance Ion 216.00 (215.70 to 216.70): E

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: 82.63 ng

RT: 8.86 min Scan# 593

Delta R.T. 0.00 min

Lab File: BF083054.D

Acq: 20 Nov 2015 00:34

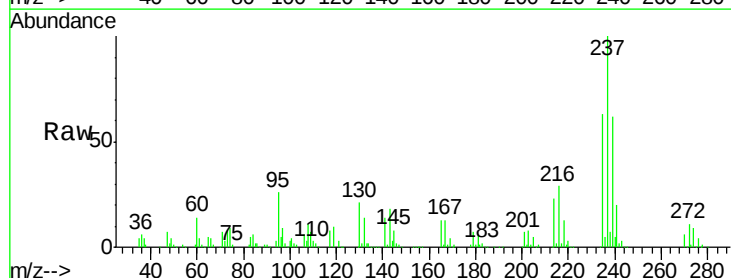
Tgt Ion:237 Resp: 277262

Ion Ratio Lower Upper

237 100

235 63.2 44.1 84.1

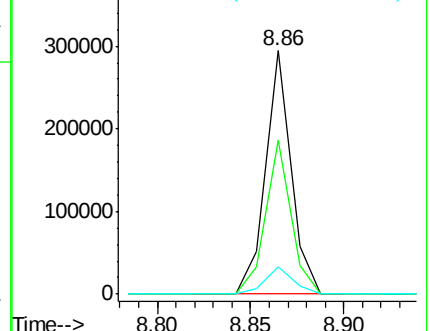
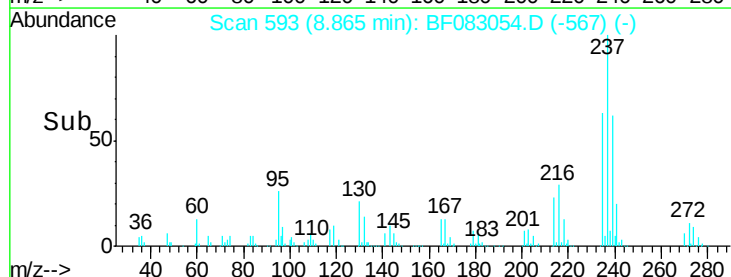
272 11.4 0.0 30.9

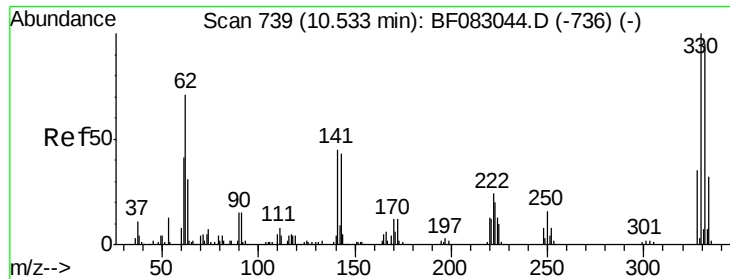


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

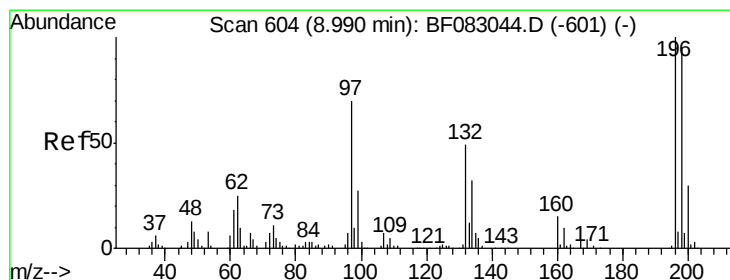
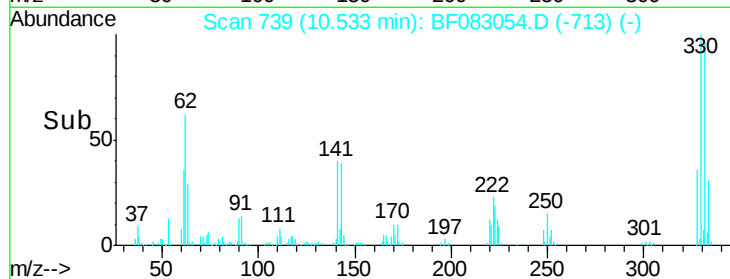
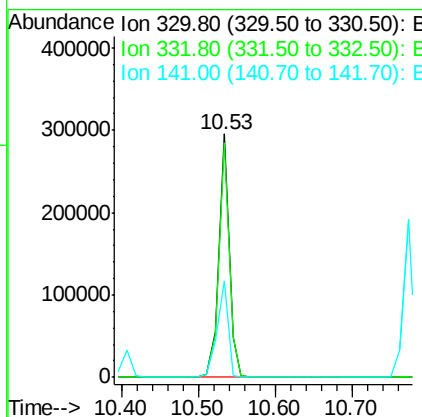
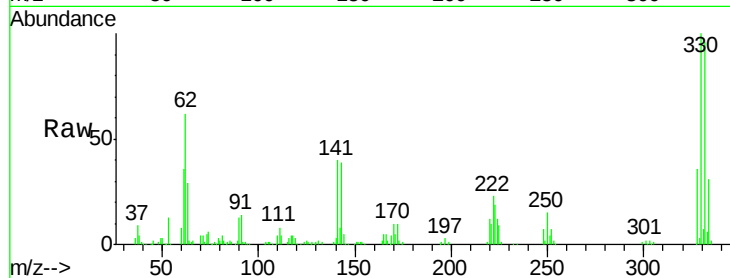




#41
 2,4,6-Tribromophenol
 Concen: 121.02 ng
 RT: 10.53 min Scan# 739
 Delta R.T. 0.00 min
 Lab File: BF083054.D
 Acq: 20 Nov 2015 00:34

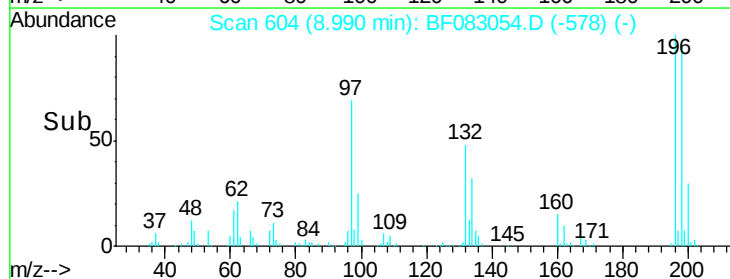
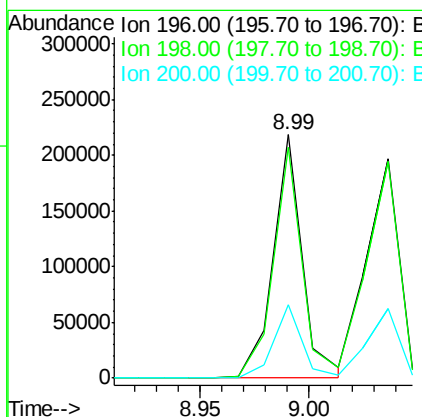
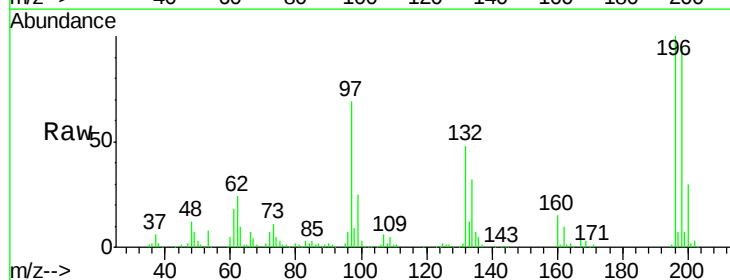
Instrument :
 BNA_F
 ClientSampleId :
 PB86723BSD

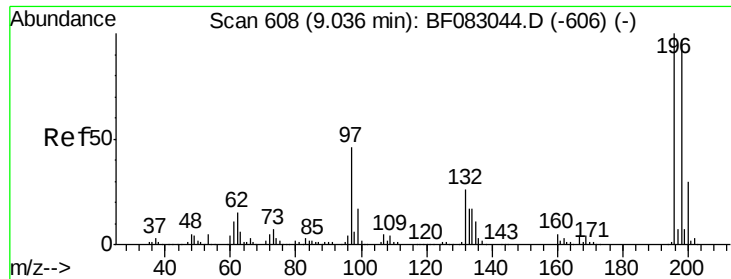
Tgt Ion:330 Resp: 280605
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.6 116.4
 141 41.3 34.6 52.0



#42
 2,4,6-Trichlorophenol
 Concen: 39.35 ng
 RT: 8.99 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: BF083054.D
 Acq: 20 Nov 2015 00:34

Tgt Ion:196 Resp: 205630
 Ion Ratio Lower Upper
 196 100
 198 94.7 75.9 113.9
 200 30.4 24.0 36.0

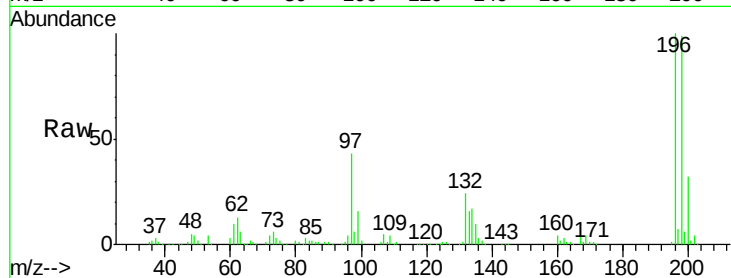




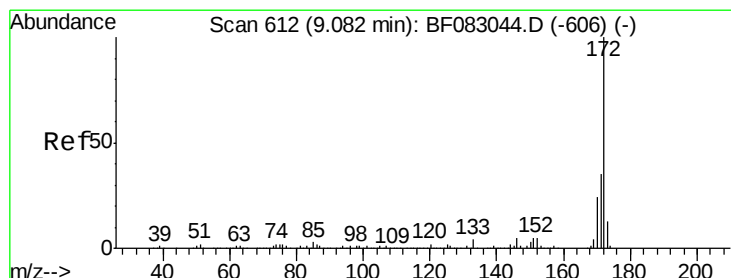
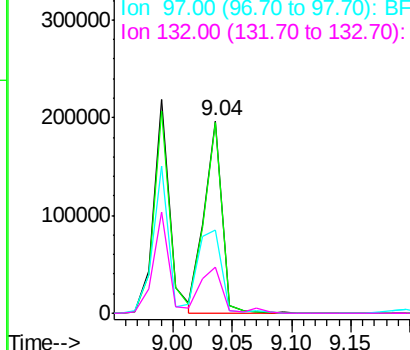
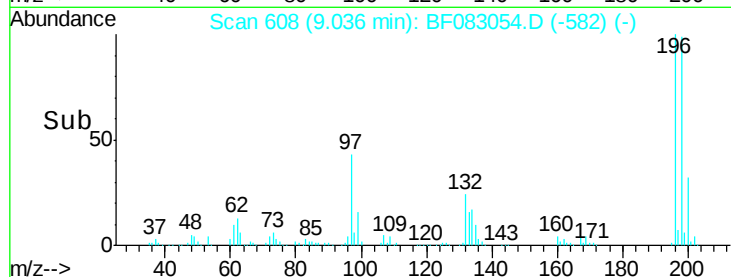
#43
 2,4,5-Trichlorophenol
 Concen: 39.54 ng
 RT: 9.04 min Scan# 608
 Delta R.T. 0.00 min
 Lab File: BF083054.D
 Acq: 20 Nov 2015 00:34

Instrument :
 BNA_F
 ClientSampleId :
 PB86723BSD

Tgt Ion:196 Resp: 206016
 Ion Ratio Lower Upper
 196 100
 198 99.0 77.8 116.6
 97 43.5 37.1 55.7
 132 23.8 21.0 31.4

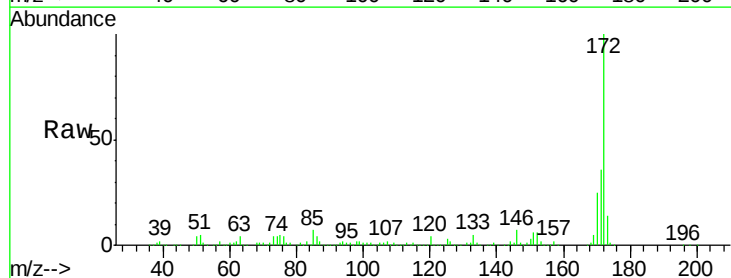


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

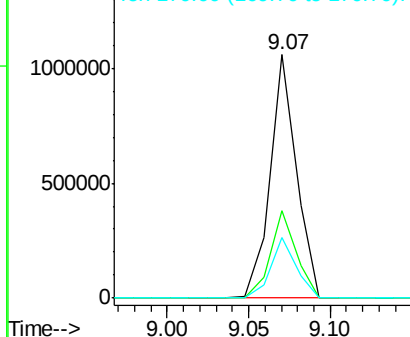
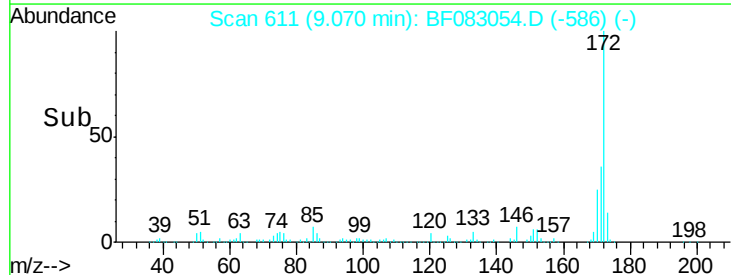


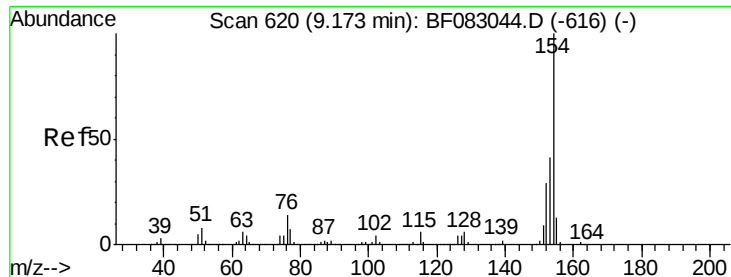
#44
 2-Fluorobiphenyl
 Concen: 73.35 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF083054.D
 Acq: 20 Nov 2015 00:34

Tgt Ion:172 Resp: 1189420
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.2 42.4
 170 24.8 19.4 29.0



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

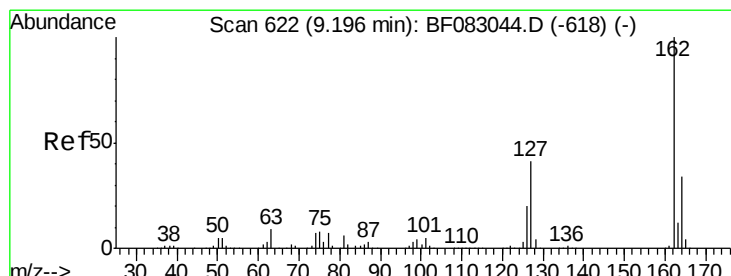
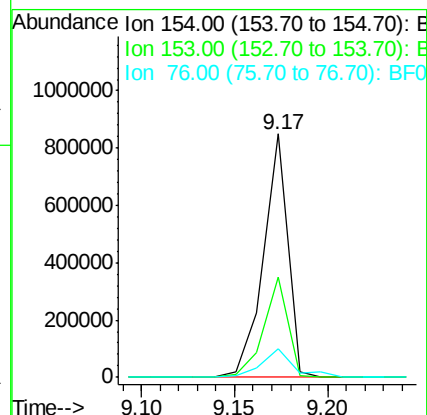
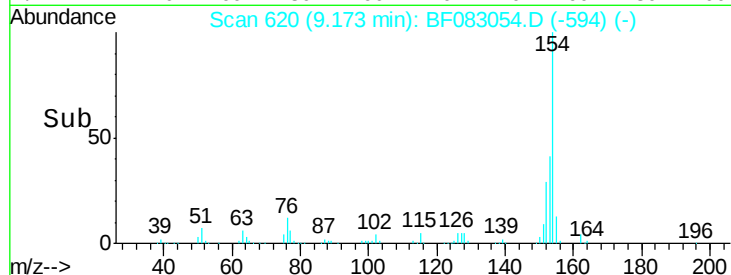
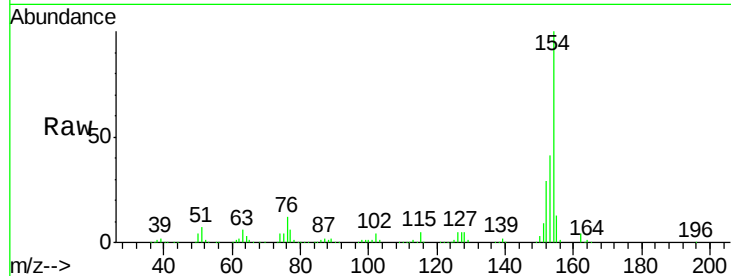




#45
 1,1'-Biphenyl
 Concen: 39.76 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: BF083054.D
 Acq: 20 Nov 2015 00:34

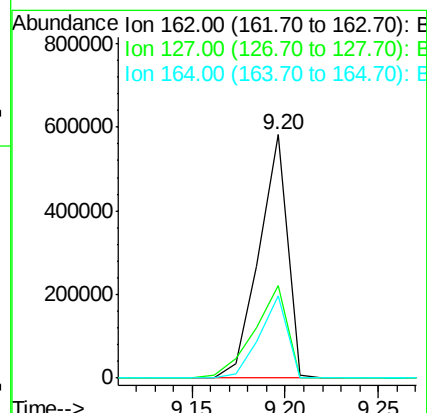
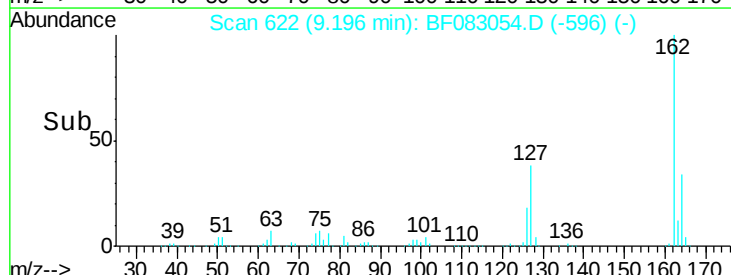
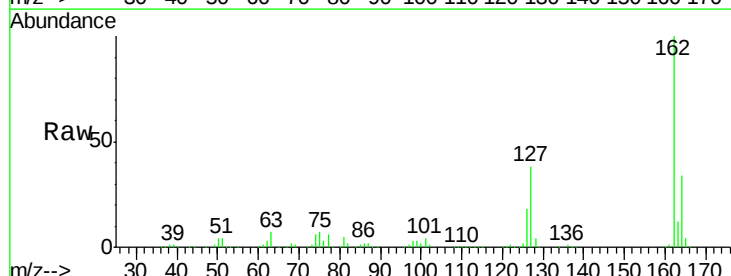
Instrument :
 BNA_F
 ClientSampled :
 PB86723BSD

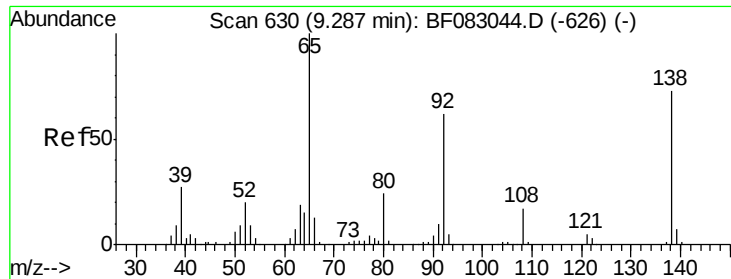
Tgt Ion:154 Resp: 763924
 Ion Ratio Lower Upper
 154 100
 153 41.1 20.7 60.7
 76 11.7 0.0 34.0



#46
 2-Chloronaphthalene
 Concen: 41.86 ng
 RT: 9.20 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF083054.D
 Acq: 20 Nov 2015 00:34

Tgt Ion:162 Resp: 611857
 Ion Ratio Lower Upper
 162 100
 127 38.0 32.8 49.2
 164 33.7 26.9 40.3

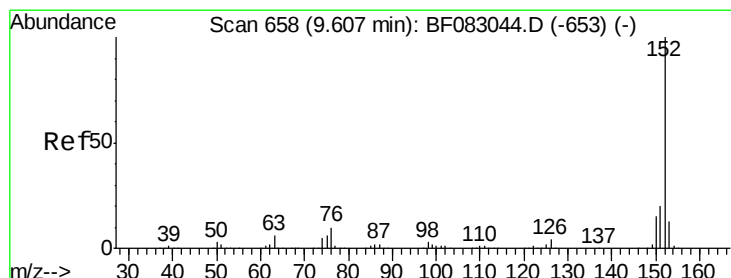
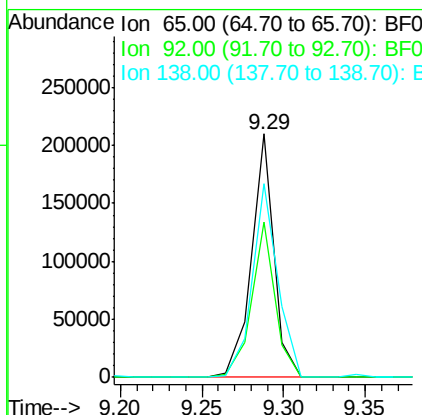
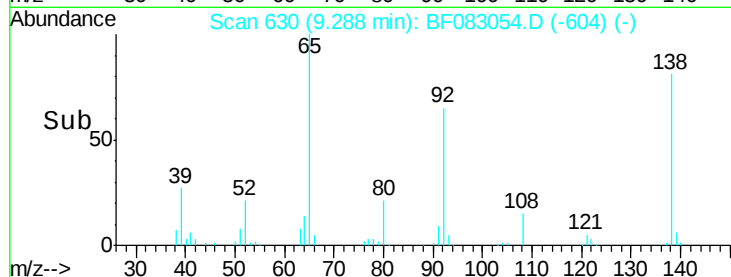
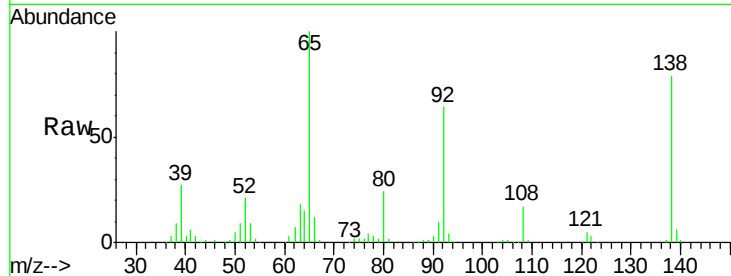




#47
 2-Nitroaniline
 Concen: 36.29 ng
 RT: 9.29 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF083054.D
 Acq: 20 Nov 2015 00:34

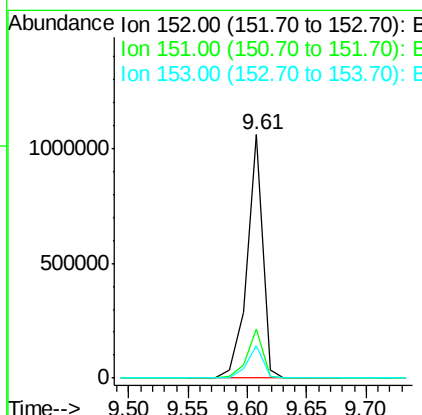
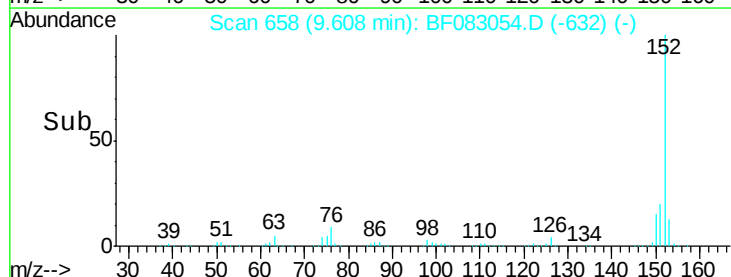
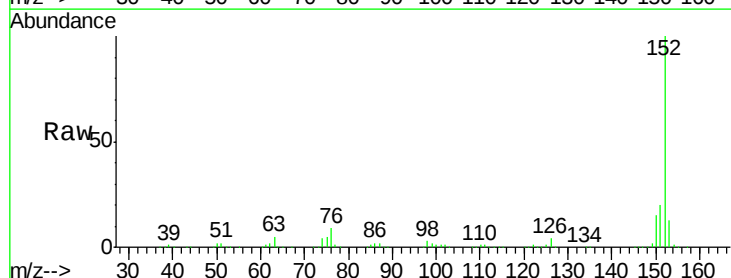
Instrument :
 BNA_F
 ClientSampleId :
 PB86723BSD

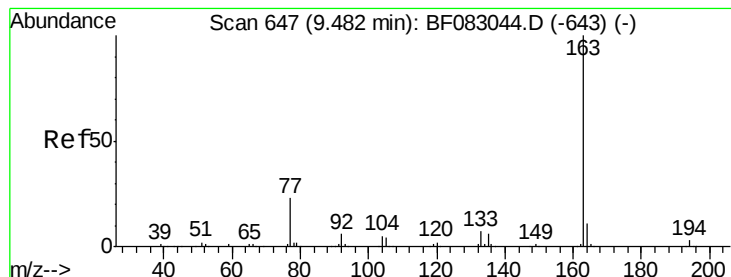
Tgt Ion:	65	Resp:	200142
Ion	Ratio	Lower	Upper
65	100		
92	64.0	49.6	74.4
138	79.5	58.8	88.2



#48
 Acenaphthylene
 Concen: 40.54 ng
 RT: 9.61 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: BF083054.D
 Acq: 20 Nov 2015 00:34

Tgt Ion:	152	Resp:	975558
Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.2
153	13.4	10.6	15.8





#49

Dimethylphthalate

Concen: 42.05 ng

RT: 9.48 min Scan# 647

Delta R.T. 0.00 min

Lab File: BF083054.D

Acq: 20 Nov 2015 00:34

Instrument :

BNA_F

ClientSampleId :

PB86723BSD

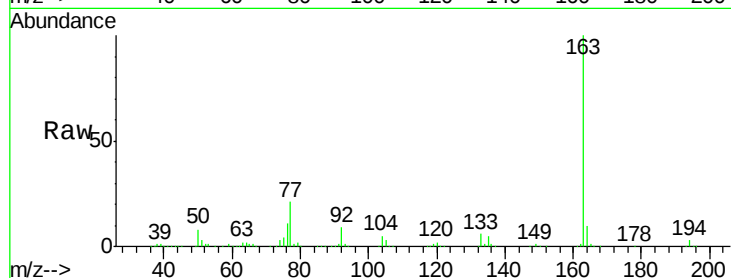
Tgt Ion:163 Resp: 755737

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

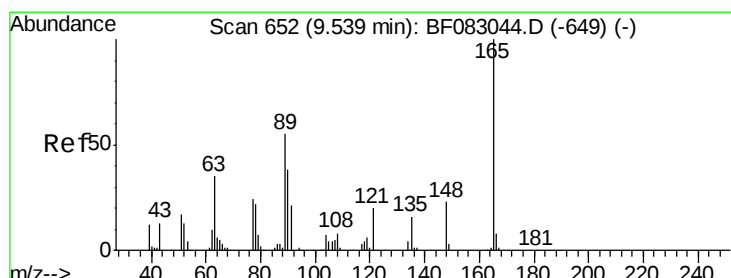
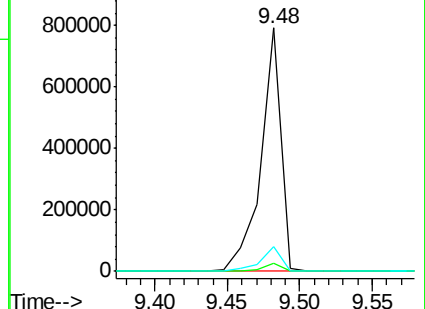
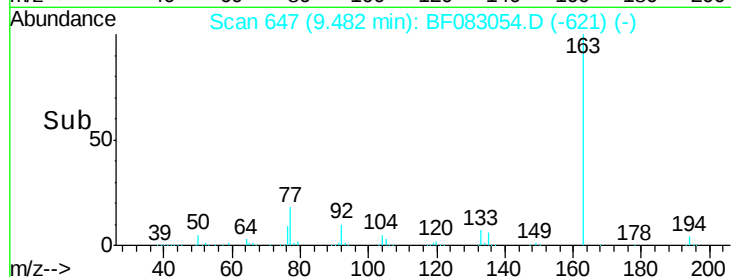
164 10.1 8.5 12.7



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: 43.27 ng

RT: 9.54 min Scan# 652

Delta R.T. 0.00 min

Lab File: BF083054.D

Acq: 20 Nov 2015 00:34

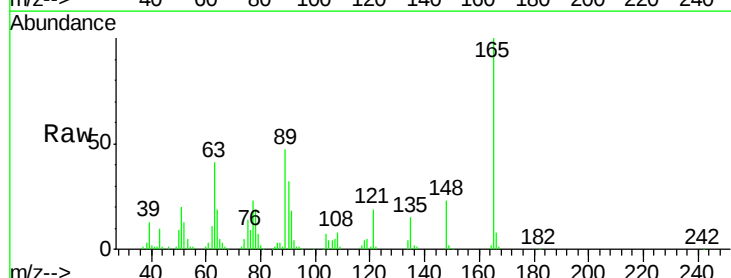
Tgt Ion:165 Resp: 167643

Ion Ratio Lower Upper

165 100

63 41.3 40.6 61.0

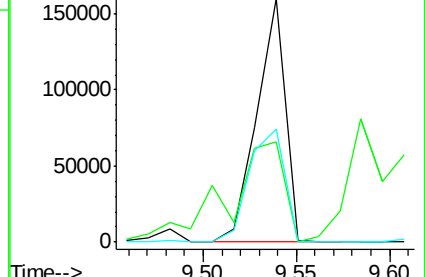
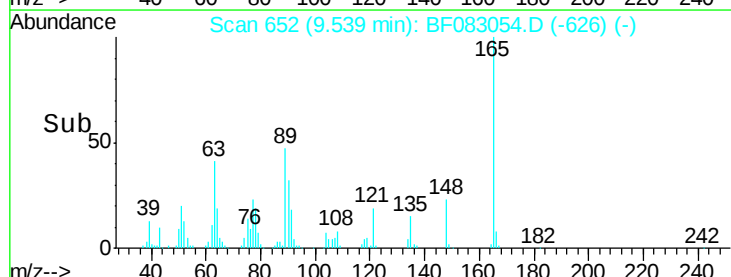
89 46.6 44.5 66.7

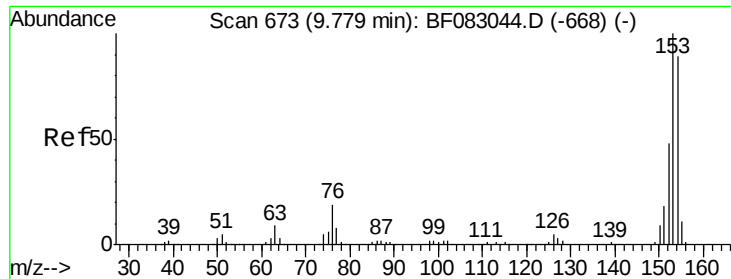


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.91 ng

RT: 9.78 min Scan# 673

Delta R.T. 0.00 min

Lab File: BF083054.D

Acq: 20 Nov 2015 00:34

Instrument :

BNA_F

ClientSampleId :

PB86723BSD

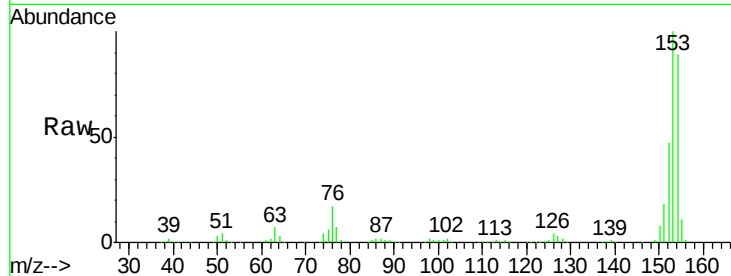
Tgt Ion:154 Resp: 606923

Ion Ratio Lower Upper

154 100

153 112.8 90.1 135.1

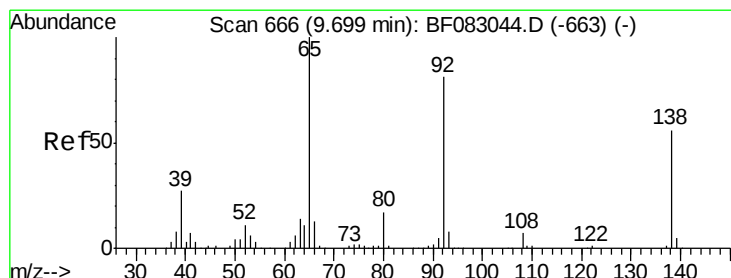
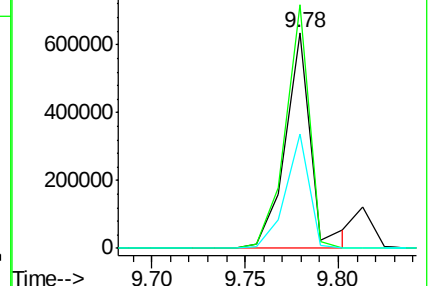
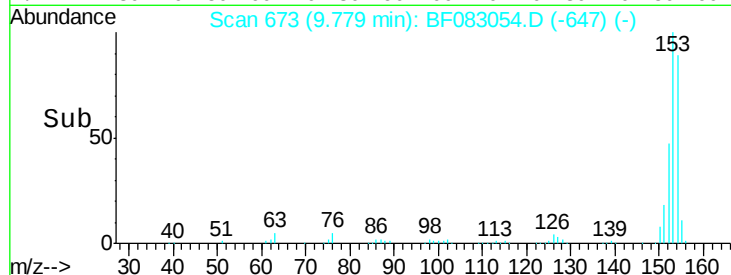
152 53.1 43.3 64.9



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: 21.78 ng

RT: 9.70 min Scan# 666

Delta R.T. 0.00 min

Lab File: BF083054.D

Acq: 20 Nov 2015 00:34

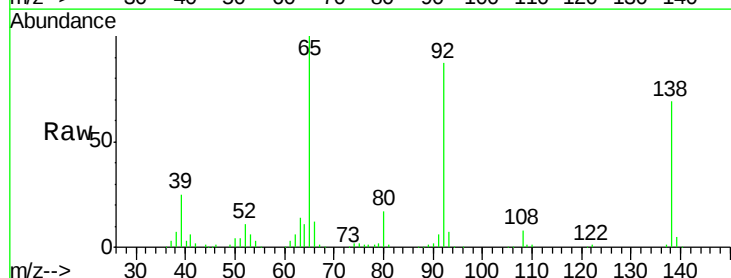
Tgt Ion:138 Resp: 96255

Ion Ratio Lower Upper

138 100

108 11.2 9.4 14.0

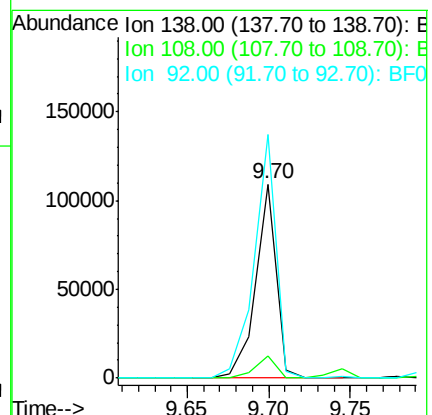
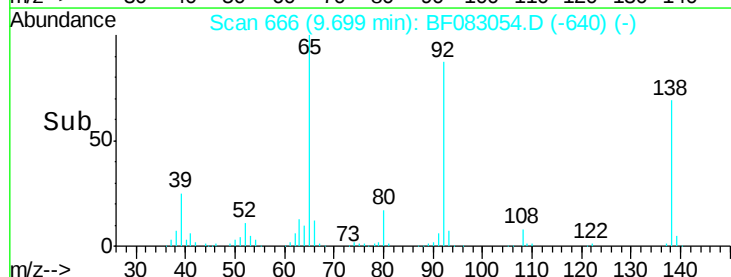
92 125.6 115.2 172.8

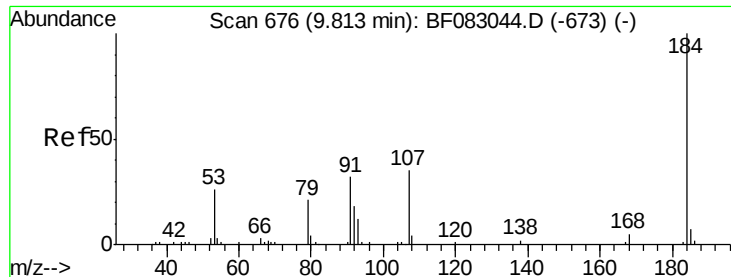


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

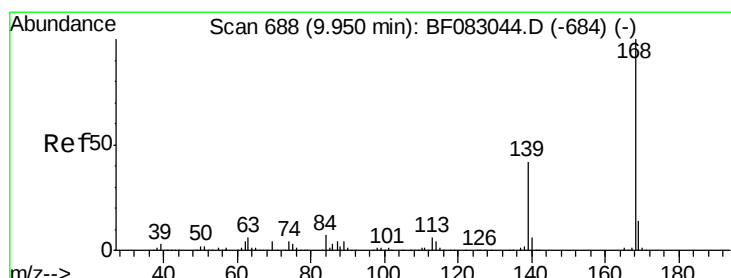
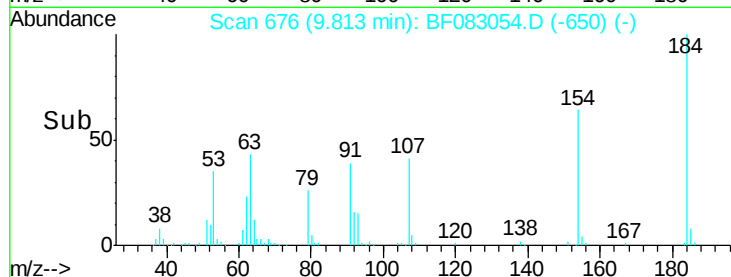
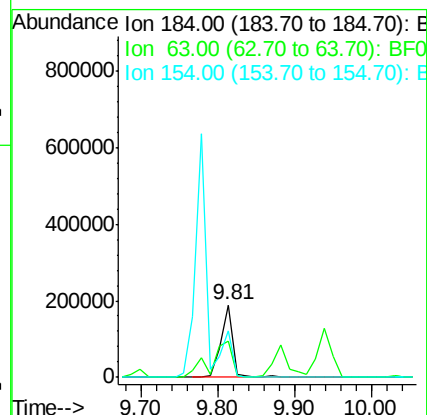
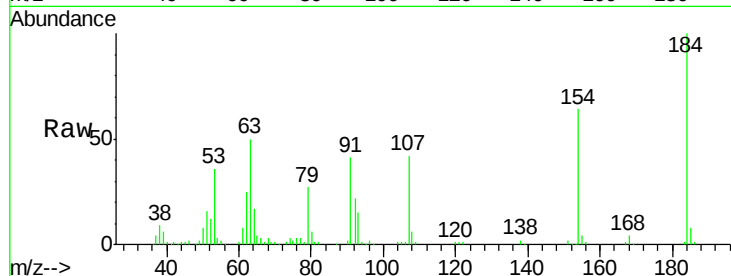




#53
 2,4-Dinitrophenol
 Concen: 101.77 ng
 RT: 9.81 min Scan# 676
 Delta R.T. 0.00 min
 Lab File: BF083054.D
 Acq: 20 Nov 2015 00:34

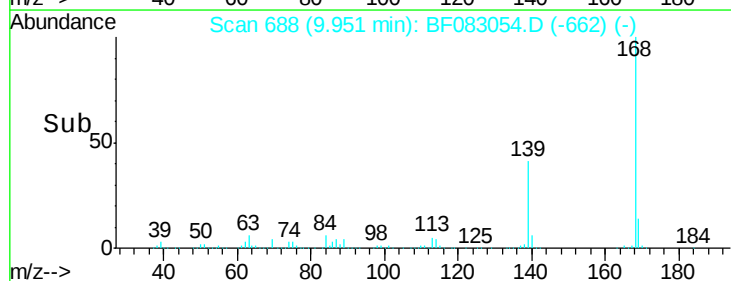
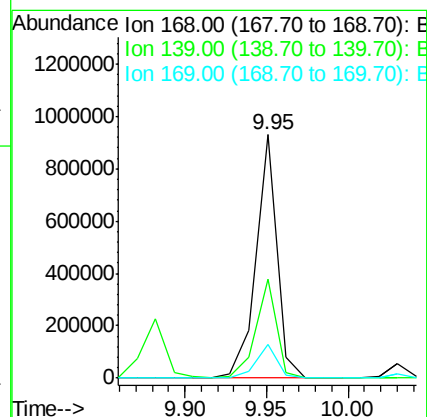
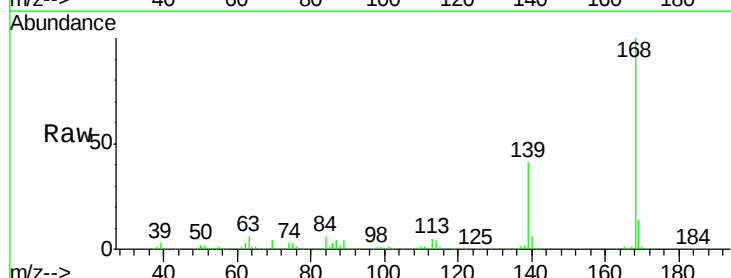
Instrument :
 BNA_F
 ClientSampleId :
 PB86723BSD

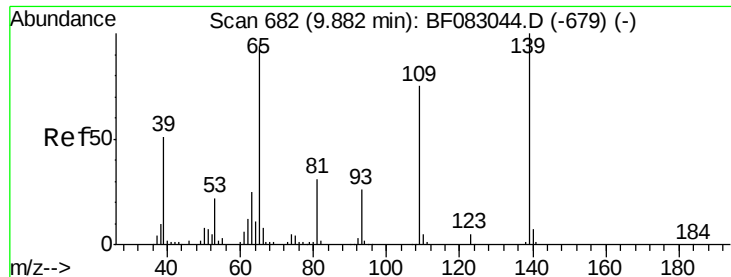
Tgt Ion:184 Resp: 200940
 Ion Ratio Lower Upper
 184 100
 63 50.4 30.4 45.6#
 154 63.7 44.9 67.3



#54
 Dibenzofuran
 Concen: 40.72 ng
 RT: 9.95 min Scan# 688
 Delta R.T. 0.00 min
 Lab File: BF083054.D
 Acq: 20 Nov 2015 00:34

Tgt Ion:168 Resp: 829733
 Ion Ratio Lower Upper
 168 100
 139 40.6 33.5 50.3
 169 13.7 11.2 16.8





#55

4-Nitrophenol

Concen: 75.36 ng

RT: 9.88 min Scan# 682

Delta R.T. 0.00 min

Lab File: BF083054.D

Acq: 20 Nov 2015 00:34

Instrument :

BNA_F

ClientSampleId :

PB86723BSD

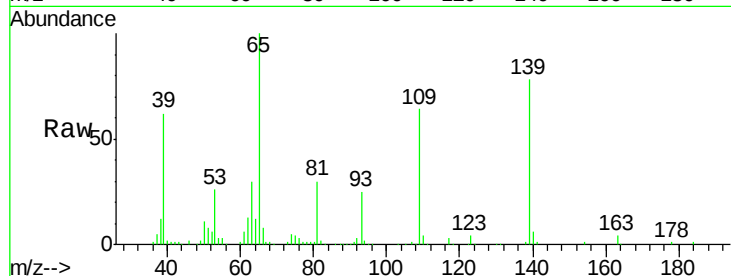
Tgt Ion:139 Resp: 228612

Ion Ratio Lower Upper

139 100

109 82.2 54.6 94.6

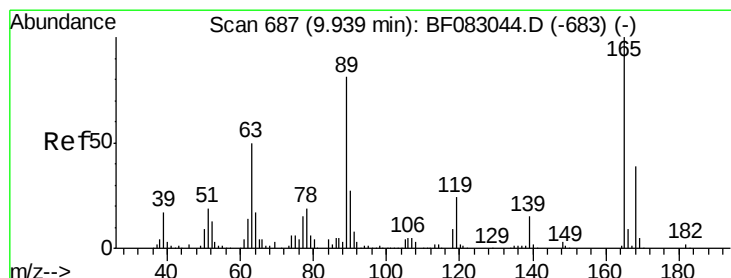
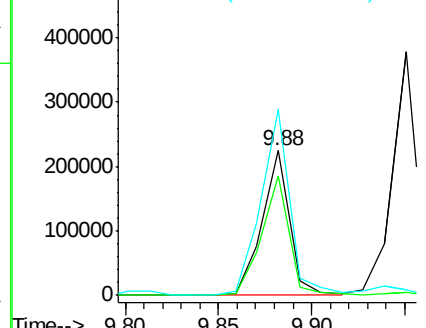
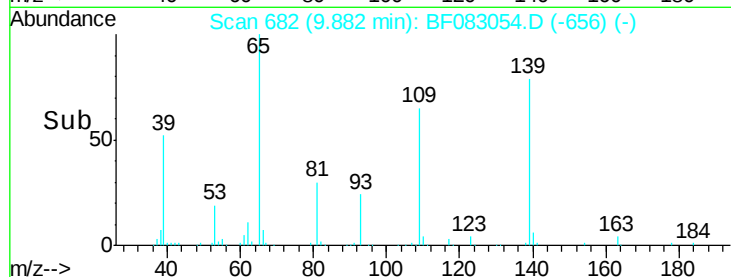
65 128.4 74.4 114.4#



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: 43.65 ng

RT: 9.94 min Scan# 687

Delta R.T. 0.00 min

Lab File: BF083054.D

Acq: 20 Nov 2015 00:34

Tgt Ion:165 Resp: 226326

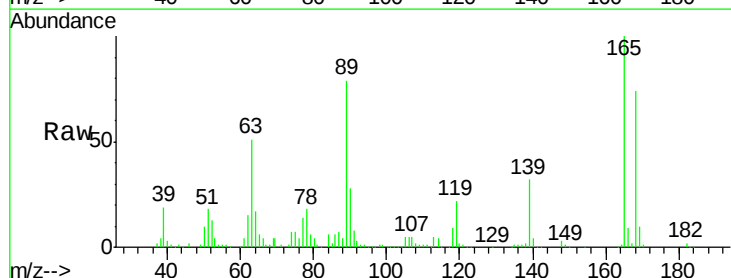
Ion Ratio Lower Upper

165 100

63 50.6 40.6 61.0

89 79.5 64.4 96.6

182 2.1 1.6 2.4

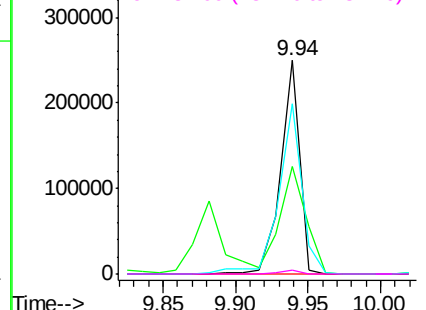
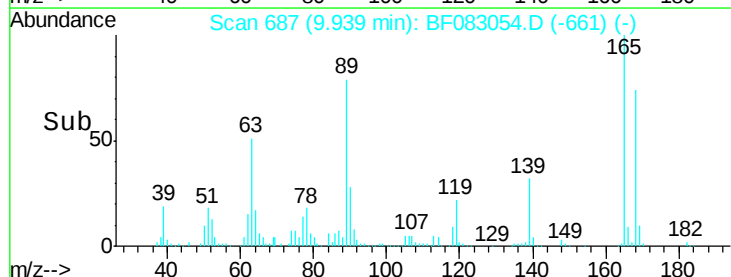


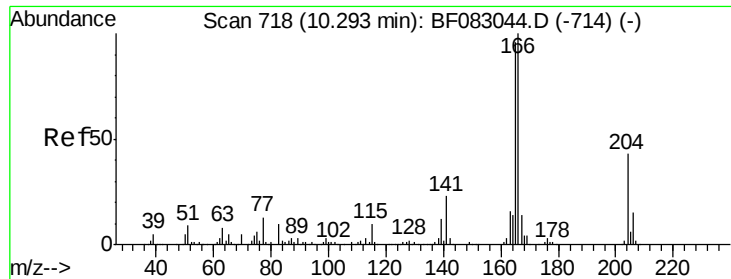
Abundance Ion 165.00 (164.70 to 165.70): E

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: 42.58 ng

RT: 10.29 min Scan# 718

Delta R.T. 0.00 min

Lab File: BF083054.D

Acq: 20 Nov 2015 00:34

Instrument :

BNA_F

ClientSampleId :

PB86723BSD

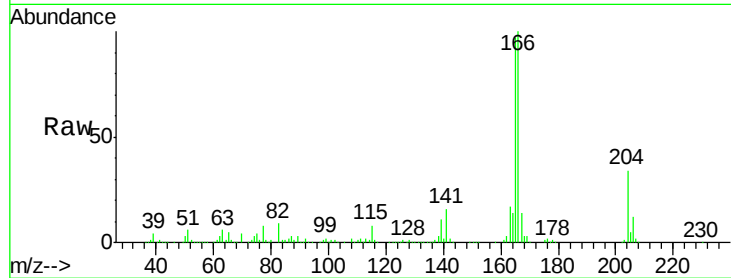
Tgt Ion:166 Resp: 698210

Ion Ratio Lower Upper

166 100

165 97.4 77.1 115.7

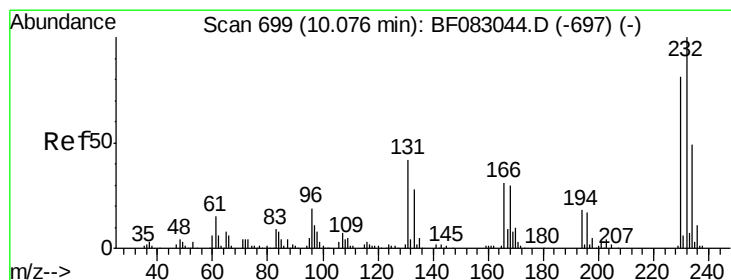
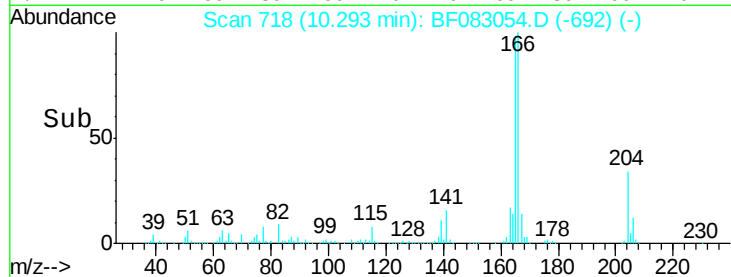
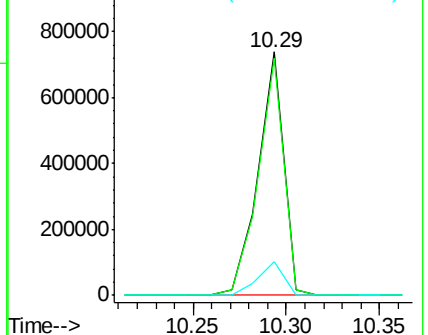
167 13.8 11.0 16.4



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: 45.29 ng

RT: 10.08 min Scan# 699

Delta R.T. 0.00 min

Lab File: BF083054.D

Acq: 20 Nov 2015 00:34

Tgt Ion:232 Resp: 190732

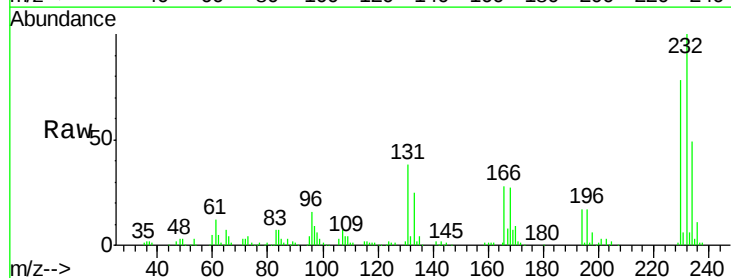
Ion Ratio Lower Upper

232 100

131 44.6 36.5 54.7

130 2.2 1.8 2.6

166 30.0 25.4 38.0

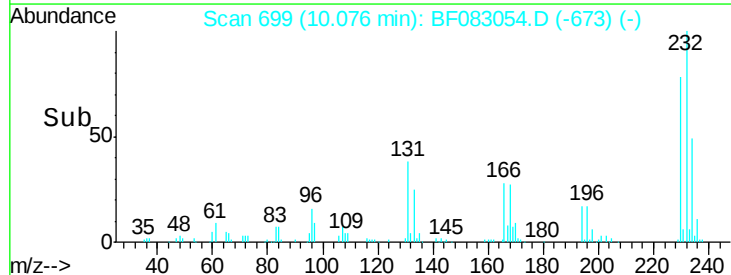
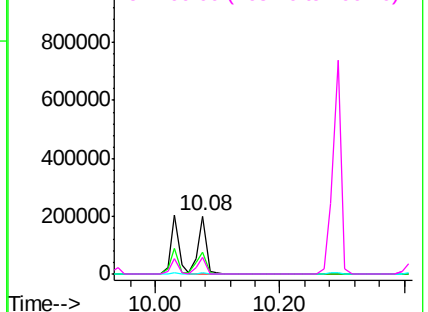


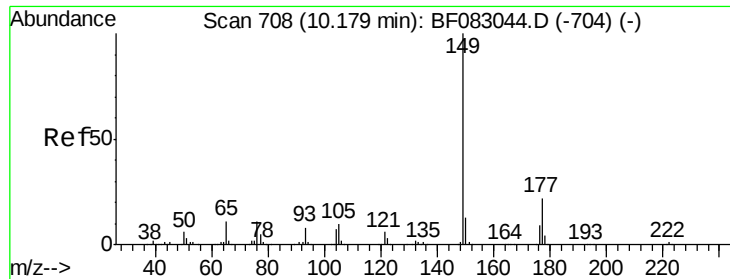
Abundance Ion 232.00 (231.70 to 232.70): E

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

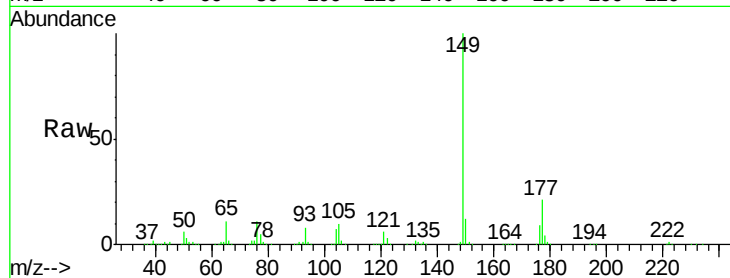




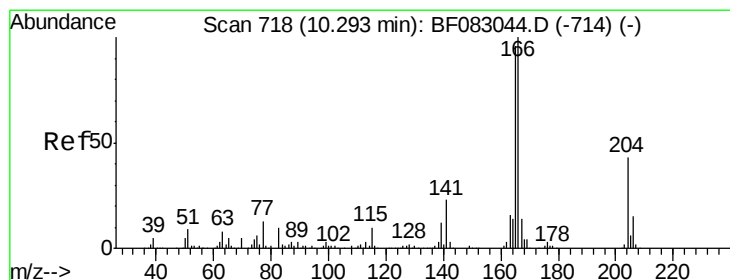
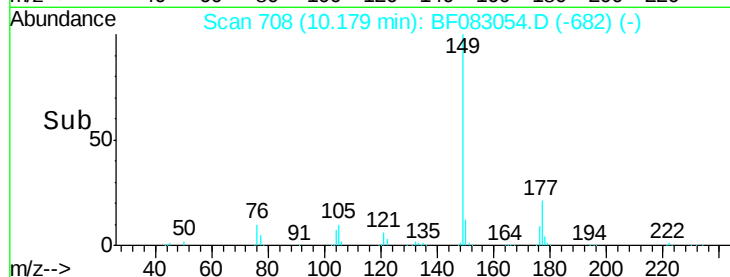
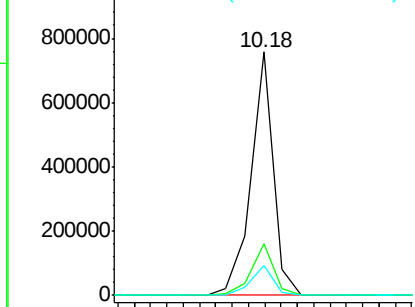
#59
Diethylphthalate
Concen: 40.87 ng
RT: 10.18 min Scan# 708
Delta R.T. 0.00 min
Lab File: BF083054.D
Acq: 20 Nov 2015 00:34

Instrument :
BNA_F
ClientSampleId :
PB86723BSD

Tgt Ion:149 Resp: 716421
Ion Ratio Lower Upper
149 100
177 21.4 17.4 26.2
150 12.5 10.2 15.2

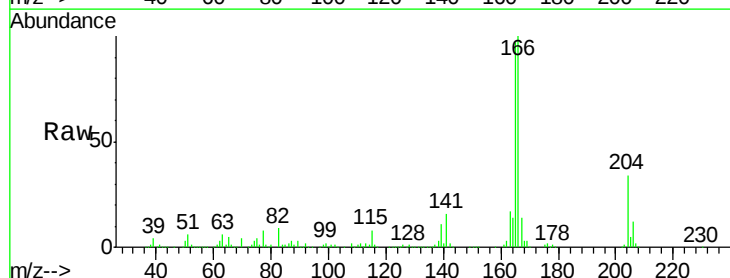


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

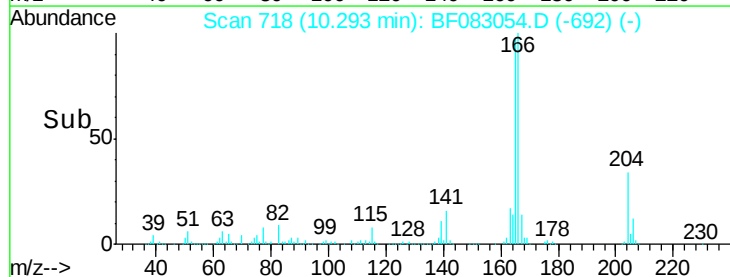
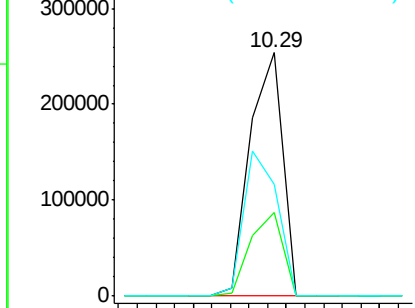


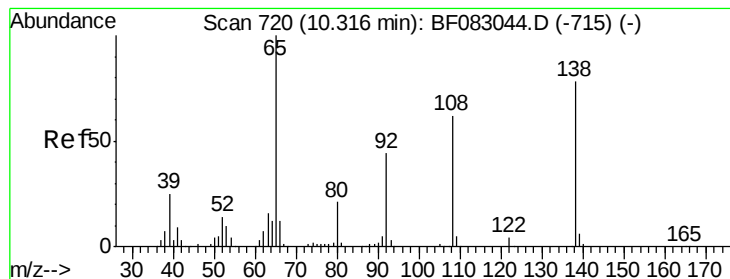
#60
4-Chlorophenyl-phenylether
Concen: 40.07 ng
RT: 10.29 min Scan# 718
Delta R.T. 0.00 min
Lab File: BF083054.D
Acq: 20 Nov 2015 00:34

Tgt Ion:204 Resp: 307702
Ion Ratio Lower Upper
204 100
206 34.4 28.2 42.4
141 46.0 41.8 62.8



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: 39.20 ng

RT: 10.32 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF083054.D

Acq: 20 Nov 2015 00:34

Instrument :

BNA_F

ClientSampleId :

PB86723BSD

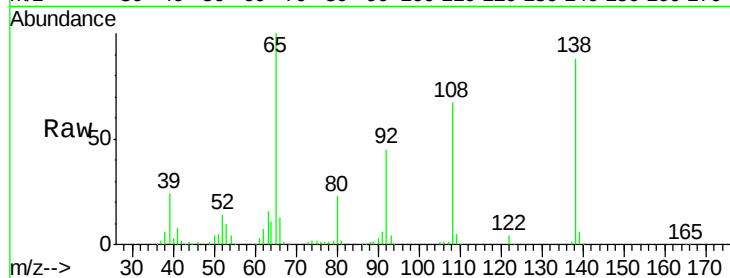
Tgt Ion:138 Resp: 176929

Ion Ratio Lower Upper

138 100

92 51.6 36.4 76.4

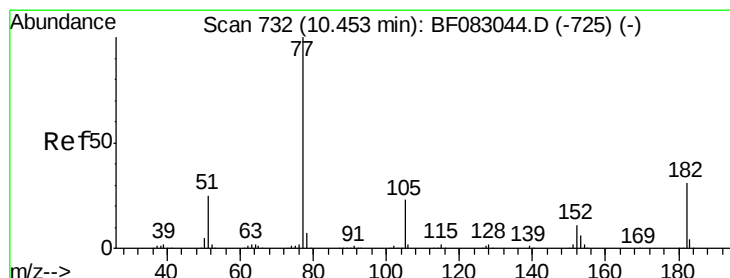
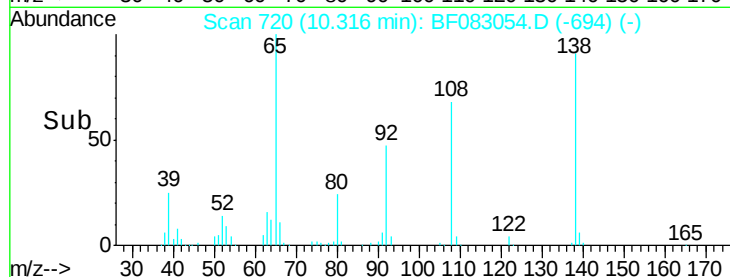
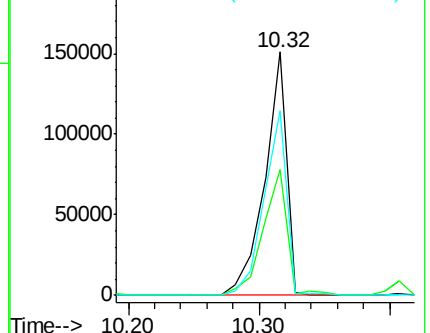
108 76.1 59.6 99.6



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: 40.36 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF083054.D

Acq: 20 Nov 2015 00:34

Tgt Ion: 77 Resp: 792303

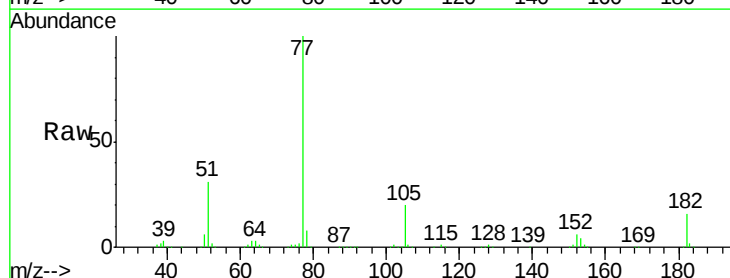
Ion Ratio Lower Upper

77 100

182 15.7 10.8 50.8

105 20.1 3.4 43.4

51 30.5 4.7 44.7

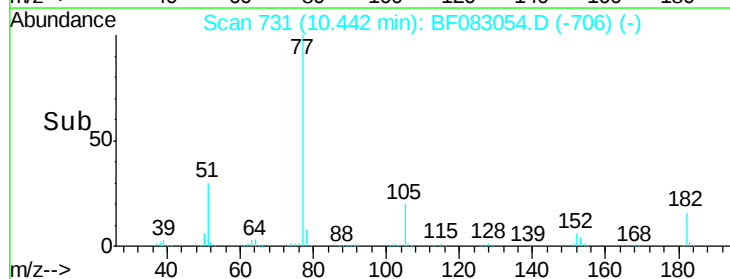
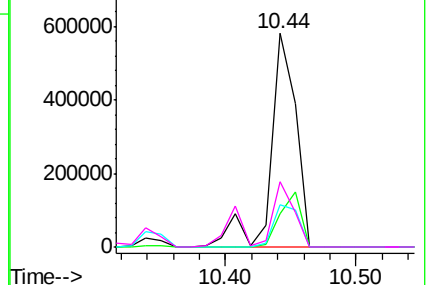


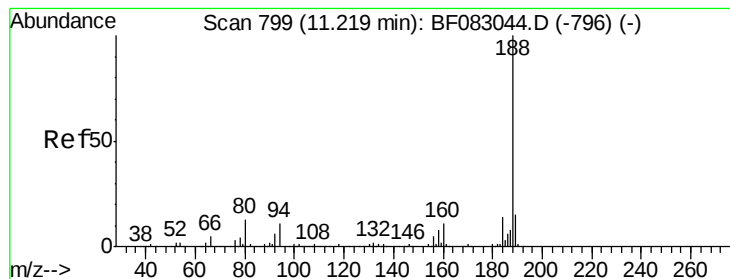
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.22 min Scan# 799

Delta R.T. 0.00 min

Lab File: BF083054.D

Acq: 20 Nov 2015 00:34

Instrument :

BNA_F

ClientSampleId :

PB86723BSD

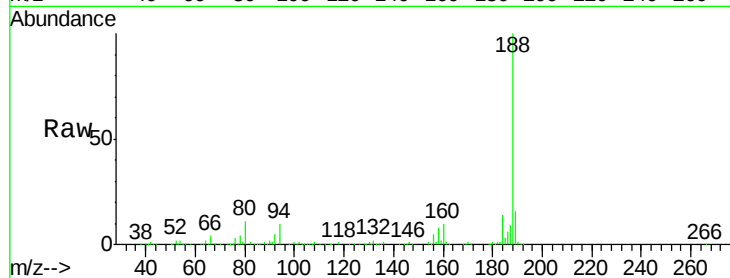
Tgt Ion:188 Resp: 418360

Ion Ratio Lower Upper

188 100

94 10.2 9.0 13.4

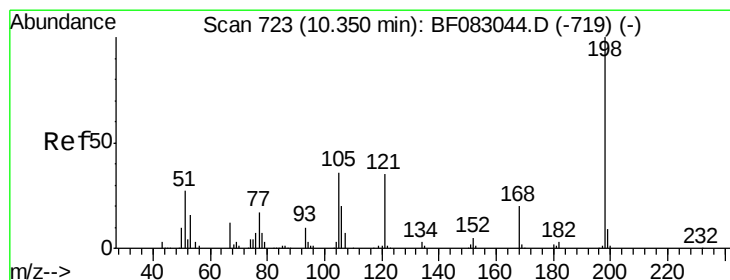
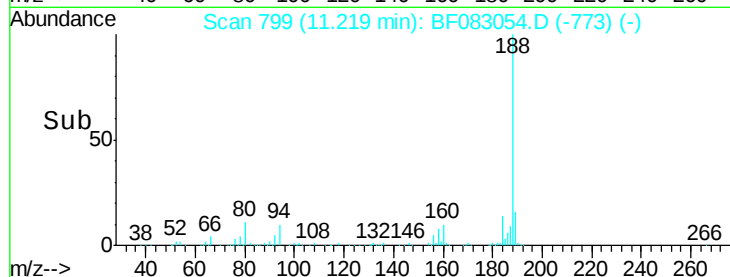
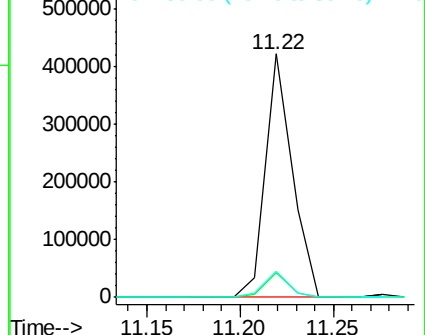
80 10.8 10.2 15.4



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: 47.07 ng

RT: 10.35 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF083054.D

Acq: 20 Nov 2015 00:34

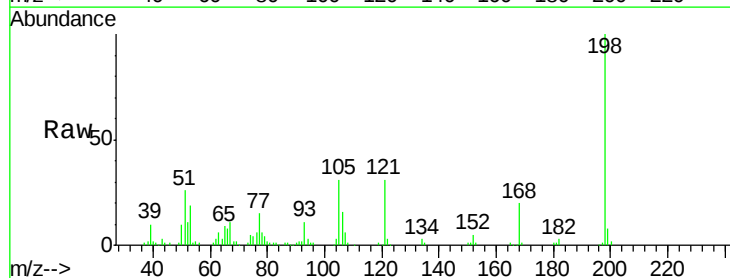
Tgt Ion:198 Resp: 125553

Ion Ratio Lower Upper

198 100

51 25.9 11.1 51.1

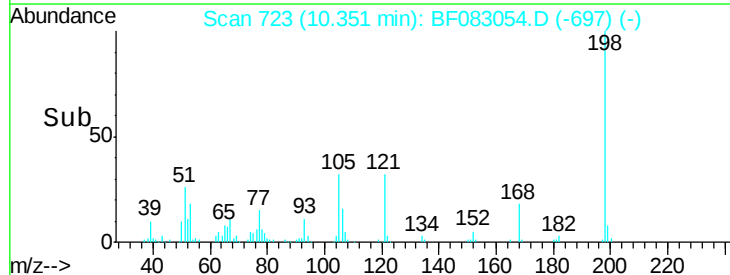
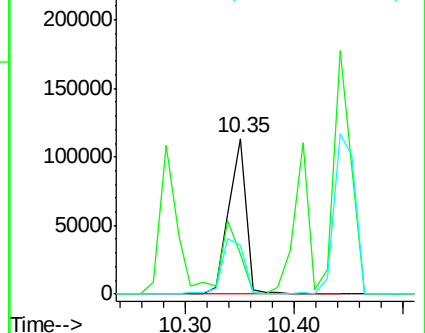
105 31.4 16.5 56.5

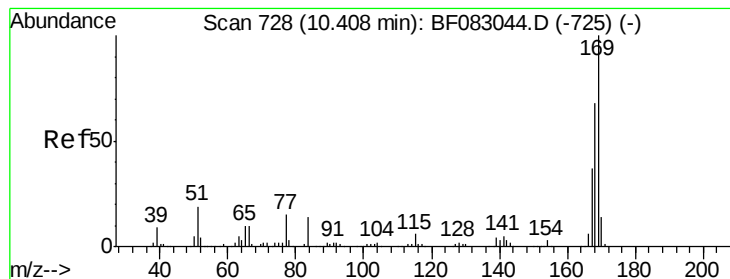


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 39.43 ng

RT: 10.41 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF083054.D

Acq: 20 Nov 2015 00:34

Instrument :

BNA_F

ClientSampleId :

PB86723BSD

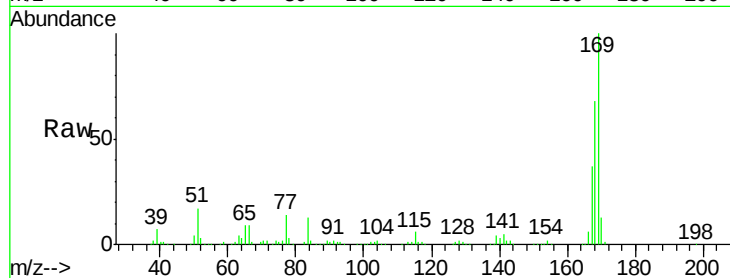
Tgt Ion:169 Resp: 578041

Ion Ratio Lower Upper

169 100

168 67.5 54.2 81.2

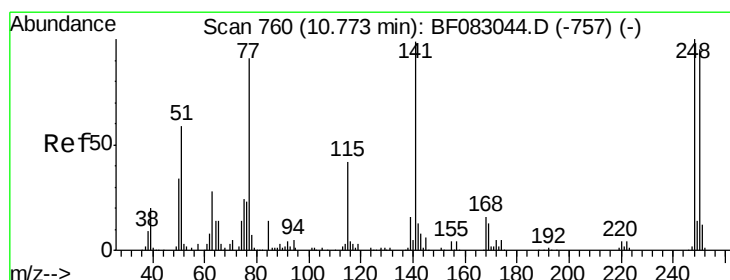
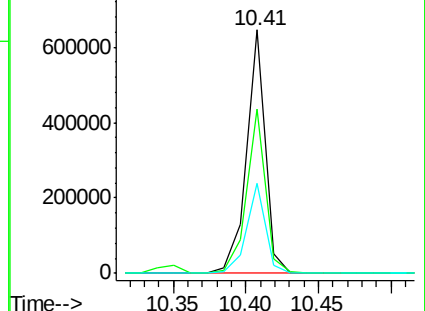
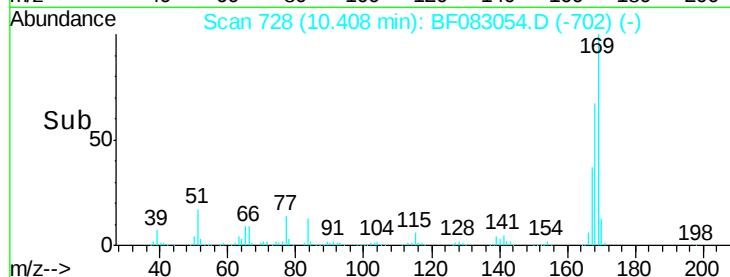
167 37.1 29.5 44.3



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: 39.26 ng

RT: 10.77 min Scan# 760

Delta R.T. 0.00 min

Lab File: BF083054.D

Acq: 20 Nov 2015 00:34

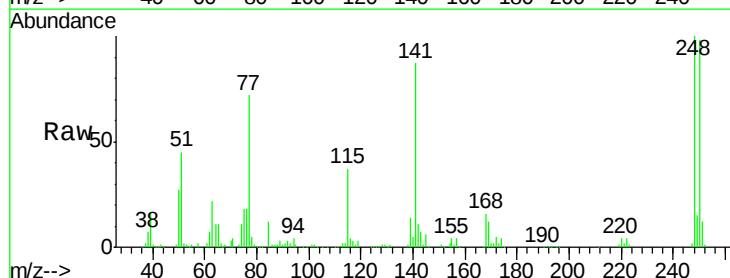
Tgt Ion:248 Resp: 190238

Ion Ratio Lower Upper

248 100

250 98.3 76.1 114.1

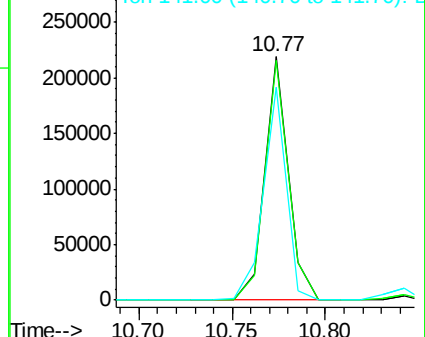
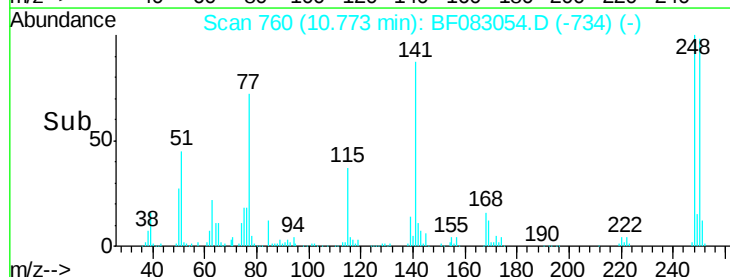
141 87.4 79.2 118.8

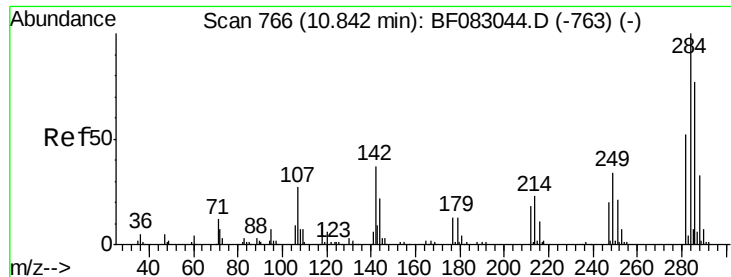


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 41.73 ng

RT: 10.84 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF083054.D

Acq: 20 Nov 2015 00:34

Instrument :

BNA_F

ClientSampleId :

PB86723BSD

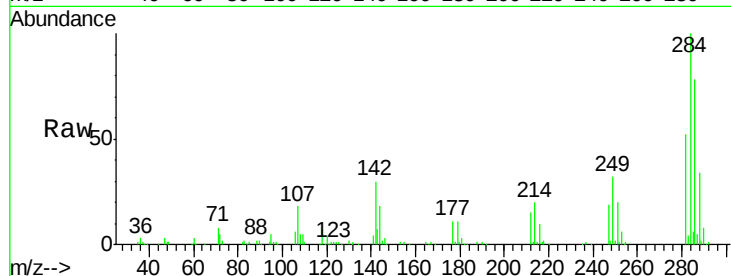
Tgt Ion:284 Resp: 221206

Ion Ratio Lower Upper

284 100

142 30.0 29.5 44.3

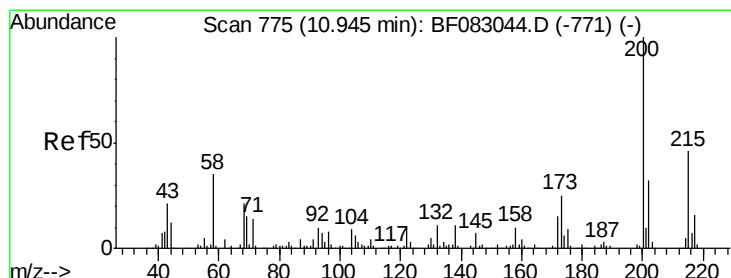
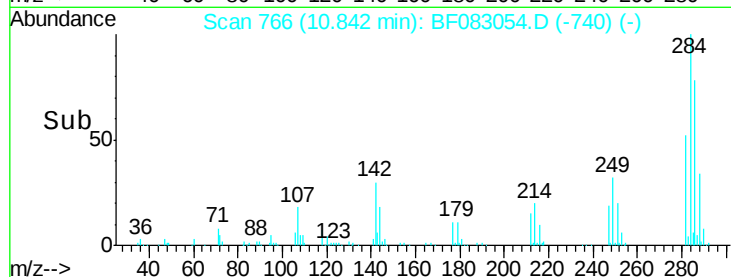
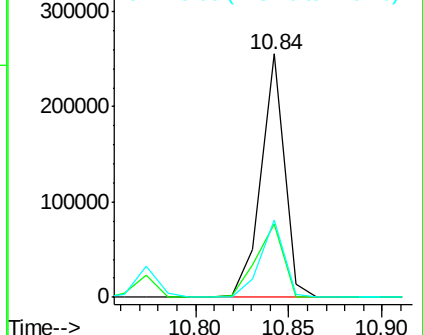
249 31.9 27.2 40.8



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: 48.92 ng

RT: 10.94 min Scan# 775

Delta R.T. 0.00 min

Lab File: BF083054.D

Acq: 20 Nov 2015 00:34

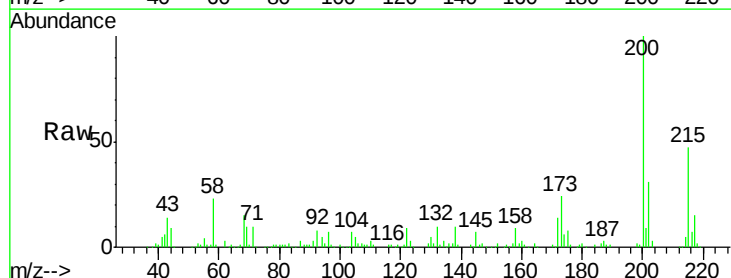
Tgt Ion:200 Resp: 224687

Ion Ratio Lower Upper

200 100

173 23.8 4.9 44.9

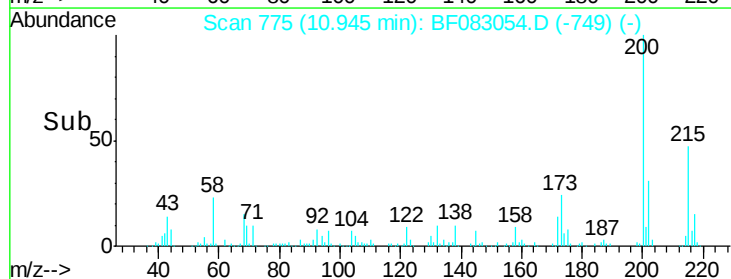
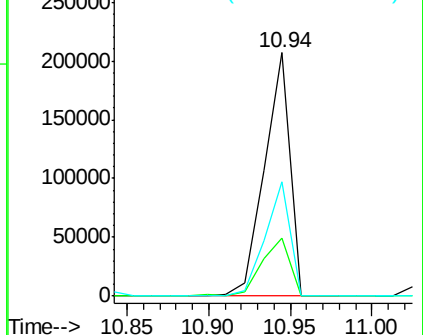
215 47.2 25.5 65.5

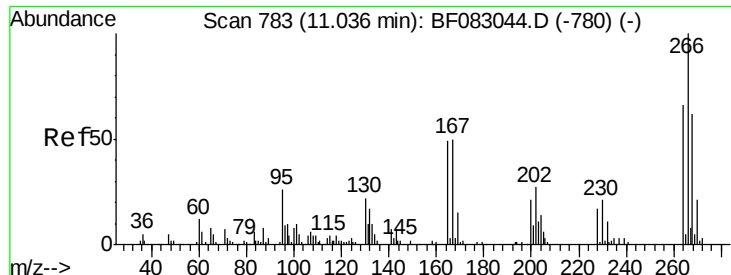


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

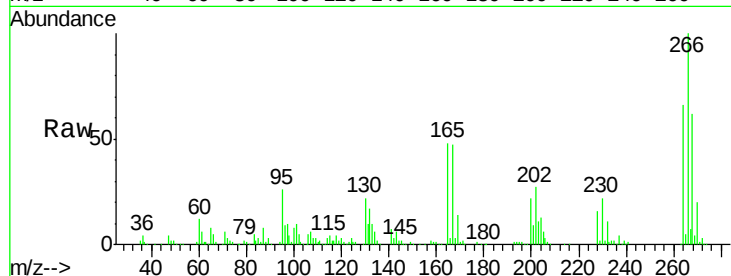




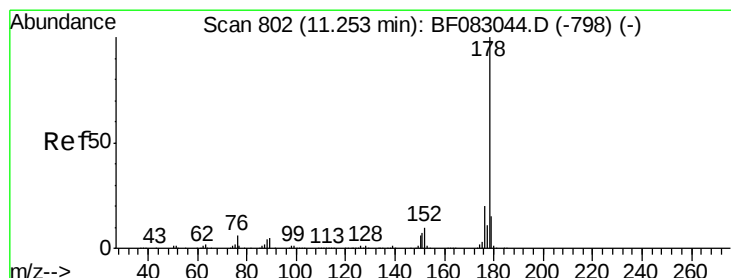
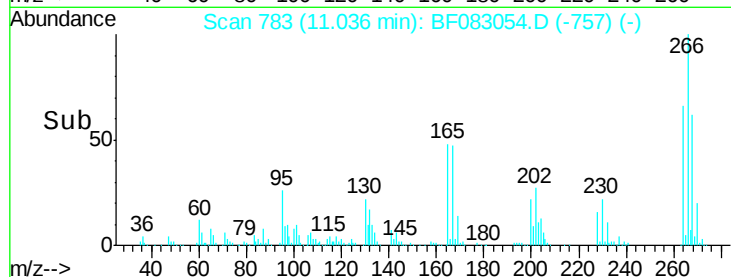
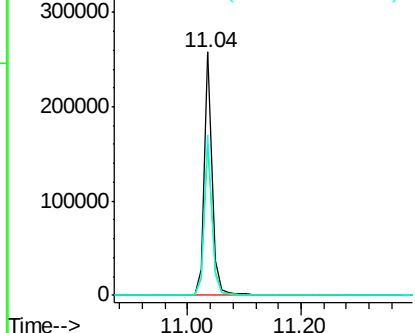
#69
 Pentachlorophenol
 Concen: 86.86 ng
 RT: 11.04 min Scan# 783
 Delta R.T. 0.00 min
 Lab File: BF083054.D
 Acq: 20 Nov 2015 00:34

Instrument :
 BNA_F
 ClientSampleId :
 PB86723BSD

Tgt Ion:266 Resp: 234932
 Ion Ratio Lower Upper
 266 100
 268 62.1 49.6 74.4
 264 65.7 52.7 79.1

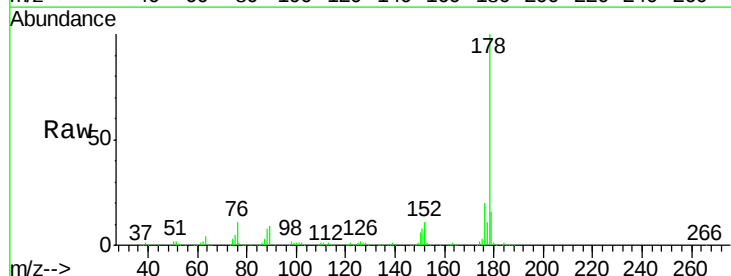


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

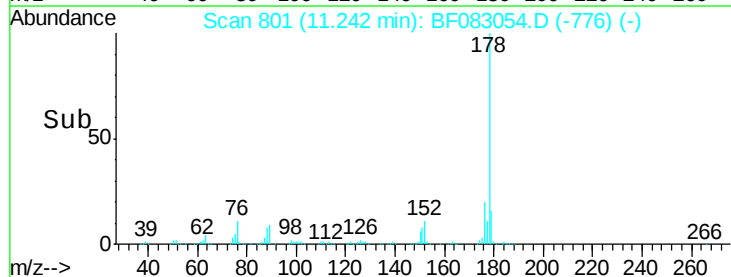
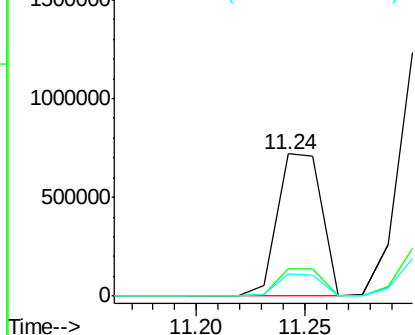


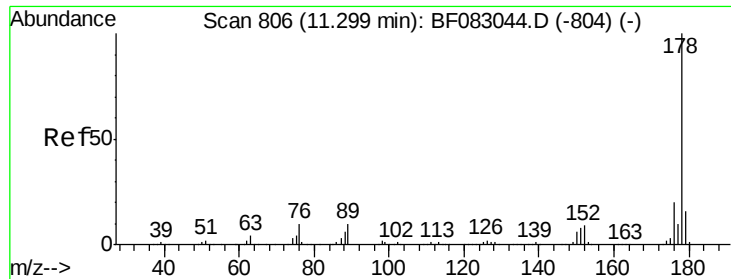
#70
 Phenanthrene
 Concen: 40.46 ng
 RT: 11.24 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BF083054.D
 Acq: 20 Nov 2015 00:34

Tgt Ion:178 Resp: 1021209
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.6 23.4
 179 15.8 12.3 18.5



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

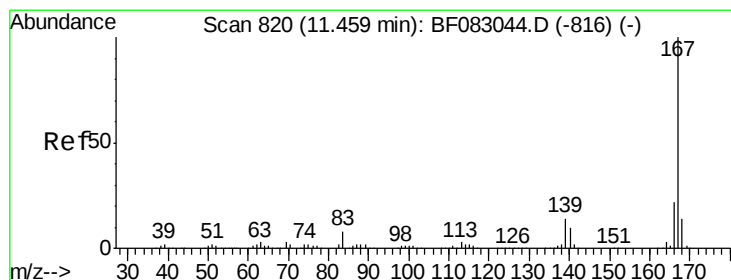
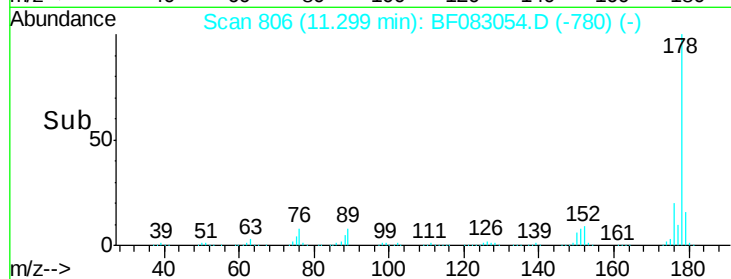
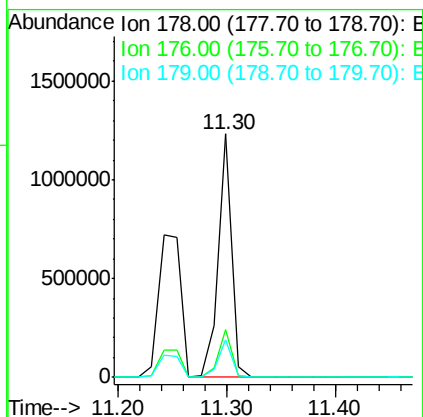
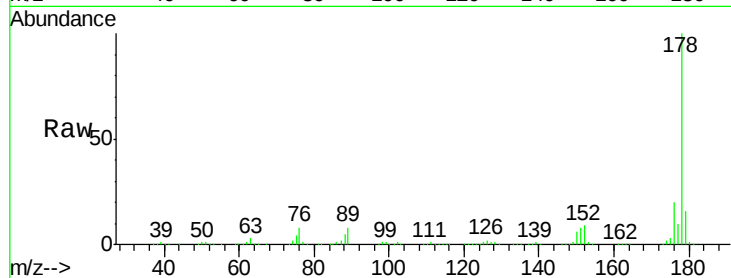




#71
 Anthracene
 Concen: 41.93 ng
 RT: 11.30 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BF083054.D
 Acq: 20 Nov 2015 00:34

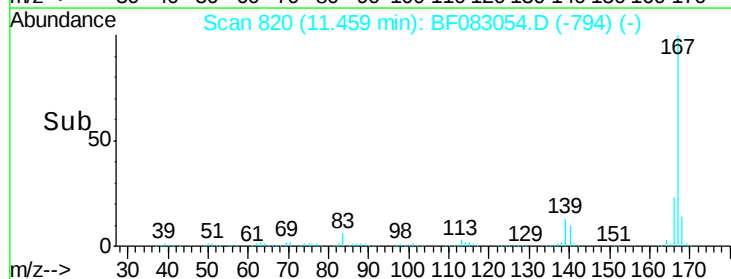
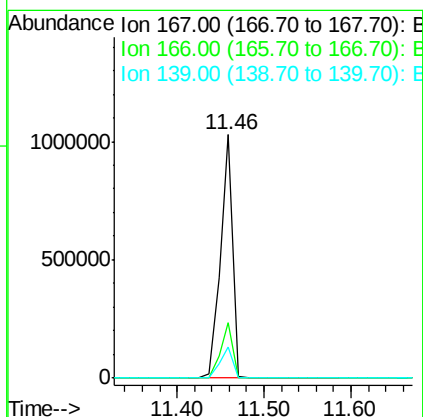
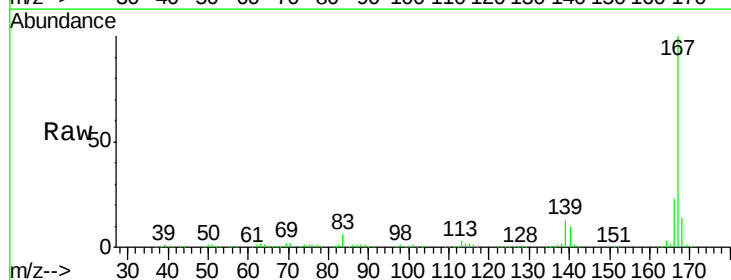
Instrument :
 BNA_F
 ClientSampleId :
 PB86723BSD

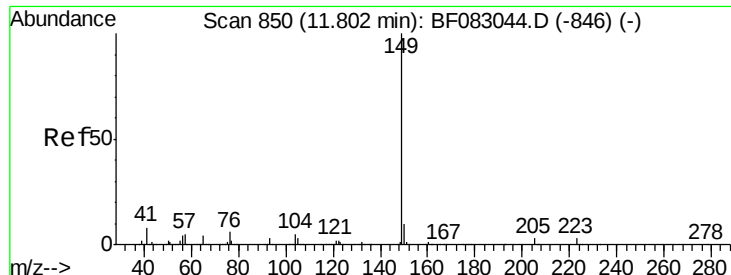
Tgt Ion:178 Resp: 1066210
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.8 23.6
 179 15.7 13.1 19.7



#72
 Carbazole
 Concen: 45.74 ng
 RT: 11.46 min Scan# 820
 Delta R.T. 0.00 min
 Lab File: BF083054.D
 Acq: 20 Nov 2015 00:34

Tgt Ion:167 Resp: 1016583
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.8 26.6
 139 12.8 11.0 16.4





#73

Di-n-butylphthalate

Concen: 42.66 ng

RT: 11.80 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF083054.D

Acq: 20 Nov 2015 00:34

Instrument :

BNA_F

ClientSampleId :

PB86723BSD

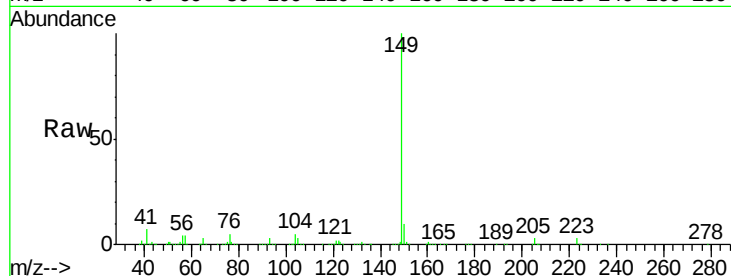
Tgt Ion:149 Resp: 1195645

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.8

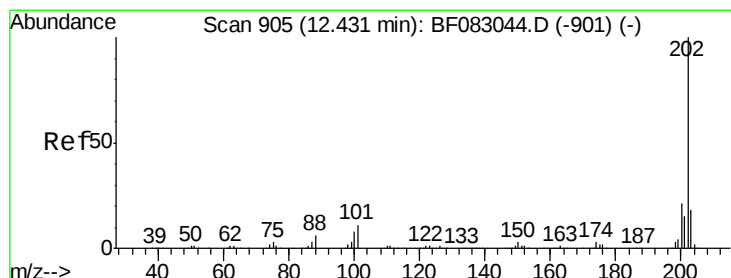
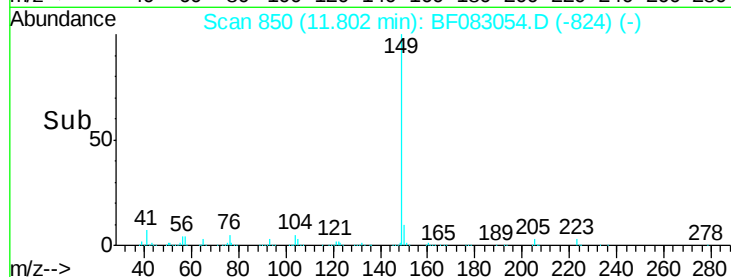
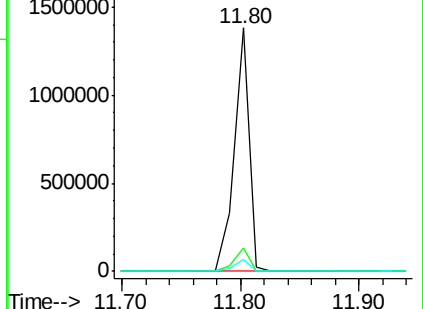
104 4.9 4.3 6.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.88 ng

RT: 12.43 min Scan# 905

Delta R.T. 0.00 min

Lab File: BF083054.D

Acq: 20 Nov 2015 00:34

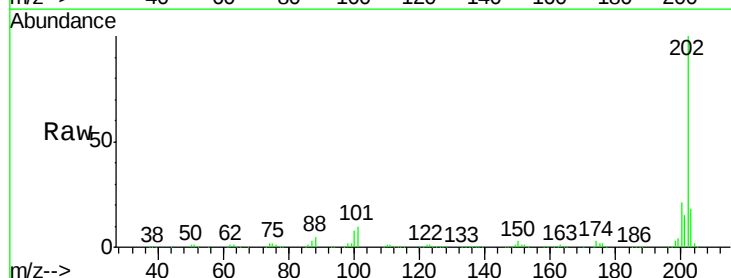
Tgt Ion:202 Resp: 1101734

Ion Ratio Lower Upper

202 100

101 10.2 0.0 31.1

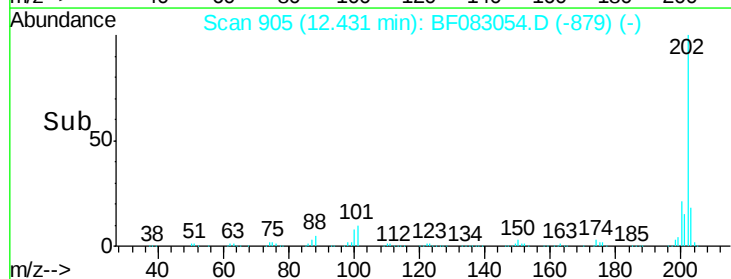
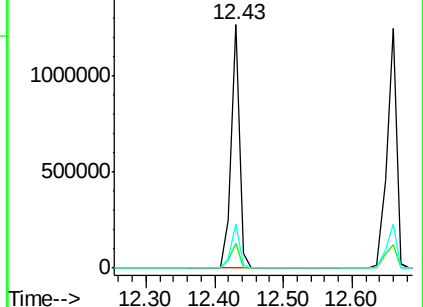
203 18.0 0.0 38.4

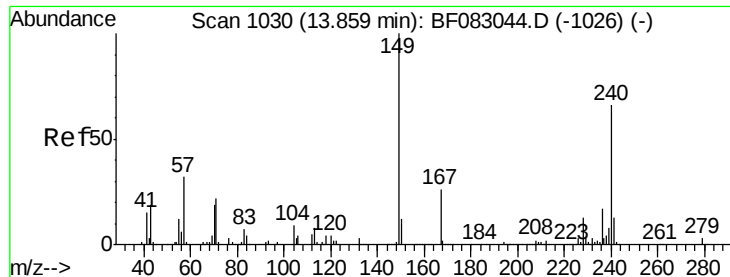


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.86 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BF083054.D

Acq: 20 Nov 2015 00:34

Instrument :

BNA_F

ClientSampleId :

PB86723BSD

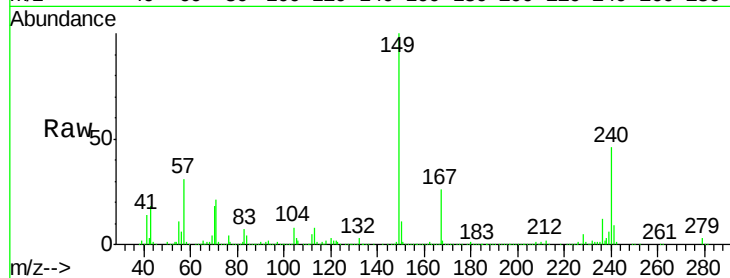
Tgt Ion:240 Resp: 377586

Ion Ratio Lower Upper

240 100

120 6.3 5.3 7.9

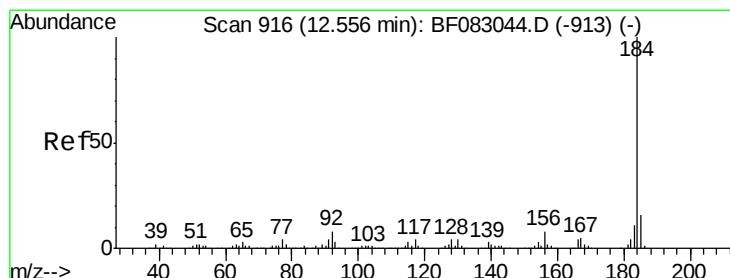
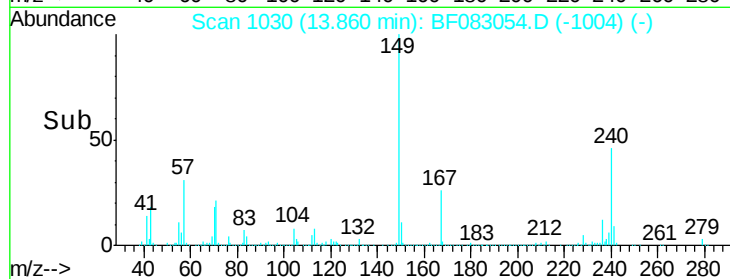
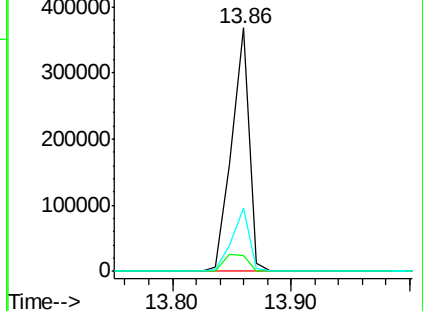
236 26.0 20.4 30.6



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: 39.70 ng

RT: 12.56 min Scan# 916

Delta R.T. 0.00 min

Lab File: BF083054.D

Acq: 20 Nov 2015 00:34

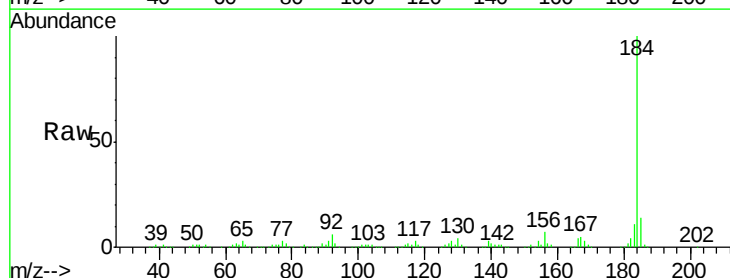
Tgt Ion:184 Resp: 490504

Ion Ratio Lower Upper

184 100

185 14.3 12.6 19.0

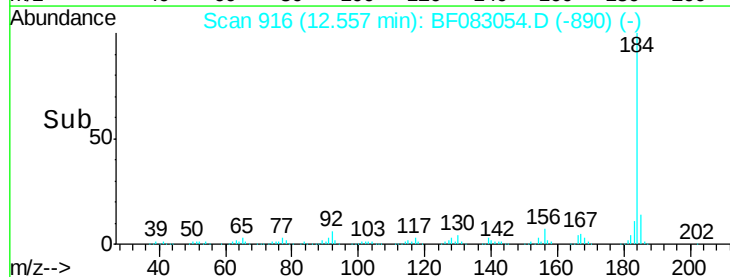
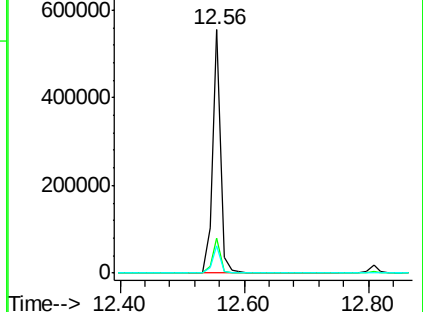
183 11.2 9.0 13.4

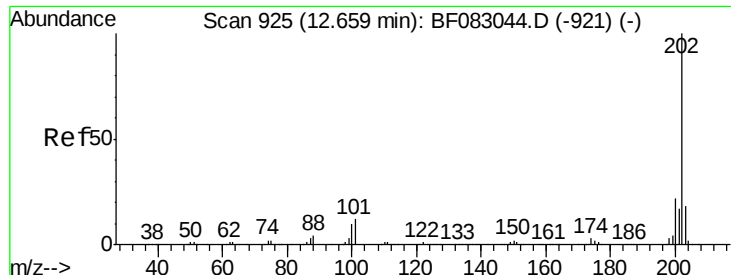


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



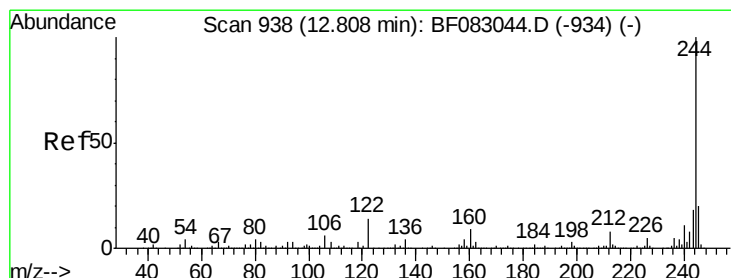
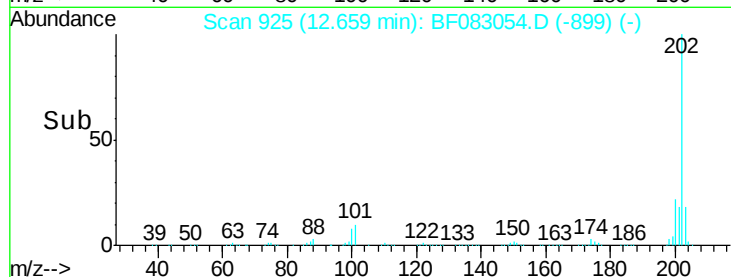
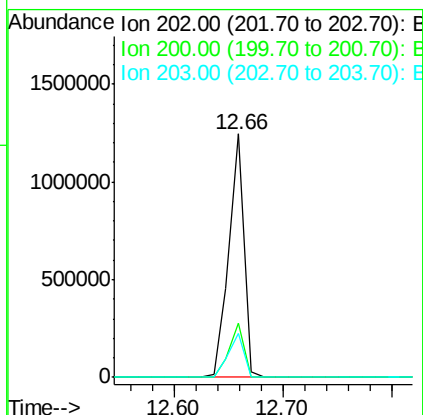
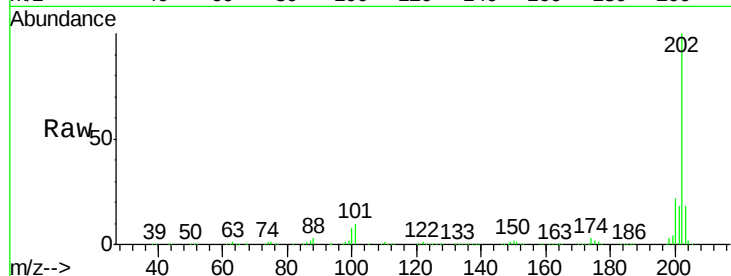


#77
 Pyrene
 Concen: 45.03 ng
 RT: 12.66 min Scan# 925
 Delta R.T. 0.00 min
 Lab File: BF083054.D
 Acq: 20 Nov 2015 00:34

Instrument :
 BNA_F
 ClientSampleId :
 PB86723BSD

Tgt Ion: 202 Resp: 1196952

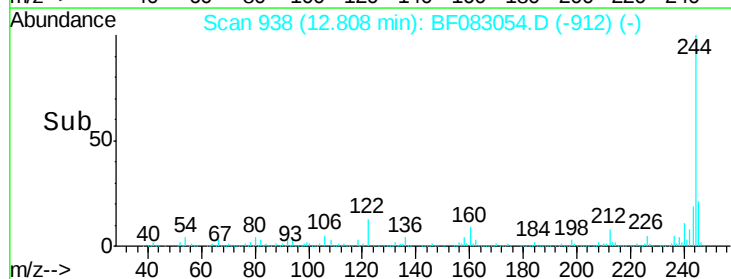
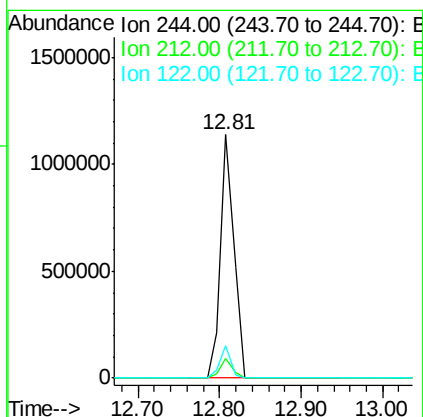
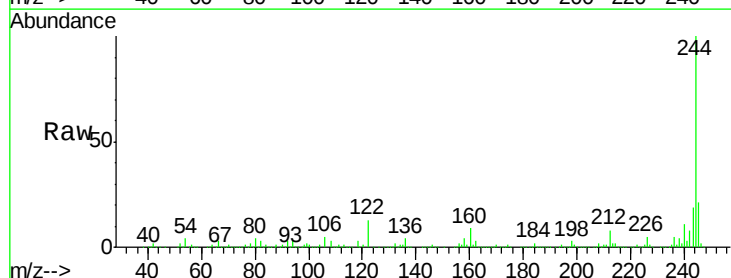
Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.6	26.4
203	18.2	14.6	22.0

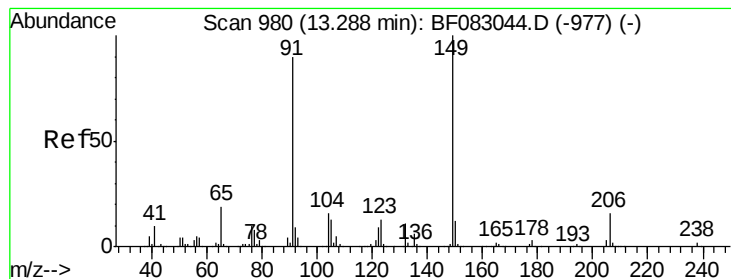


#78
 Terphenyl-d14
 Concen: 80.71 ng
 RT: 12.81 min Scan# 938
 Delta R.T. 0.00 min
 Lab File: BF083054.D
 Acq: 20 Nov 2015 00:34

Tgt Ion: 244 Resp: 1290920

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.4	9.6
122	13.4	10.9	16.3





#79

Butylbenzylphthalate

Concen: 40.52 ng

RT: 13.29 min Scan# 980

Delta R.T. 0.00 min

Lab File: BF083054.D

Acq: 20 Nov 2015 00:34

Instrument :

BNA_F

ClientSampleId :

PB86723BSD

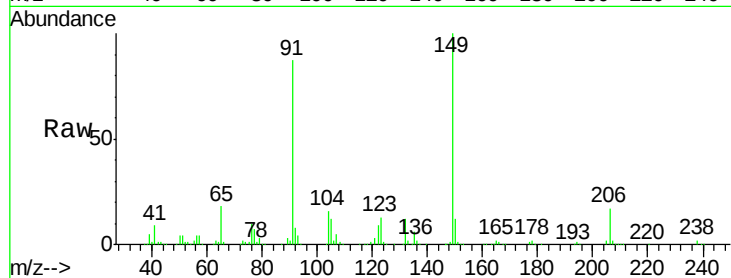
Tgt Ion:149 Resp: 475927

Ion Ratio Lower Upper

149 100

91 86.9 71.9 107.9

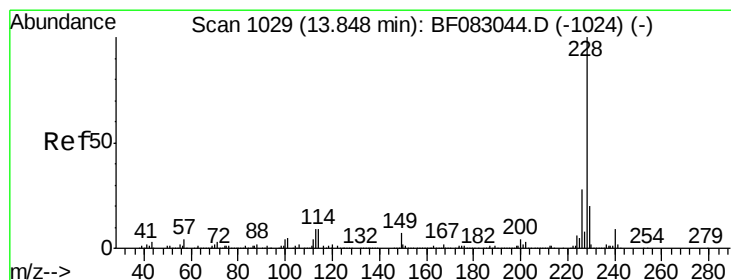
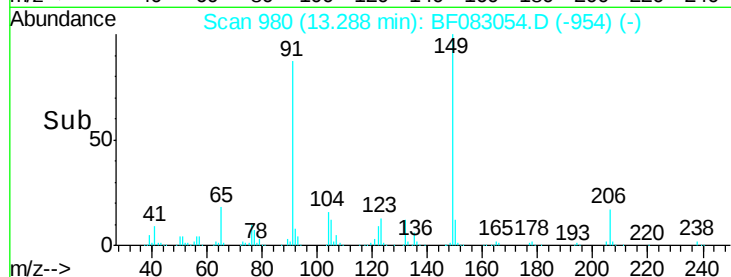
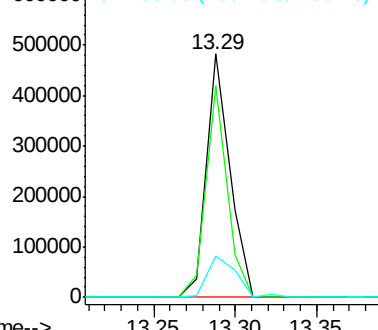
206 17.0 13.1 19.7



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: 43.60 ng

RT: 13.85 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BF083054.D

Acq: 20 Nov 2015 00:34

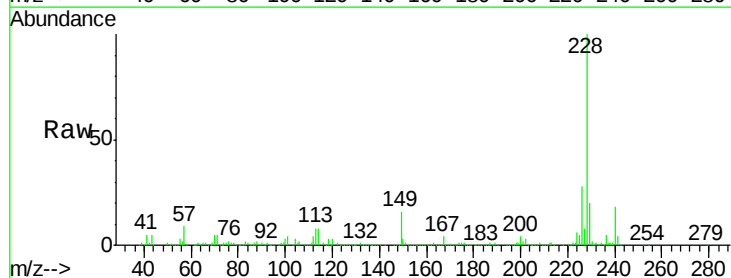
Tgt Ion:228 Resp: 1046320

Ion Ratio Lower Upper

228 100

226 28.2 22.6 34.0

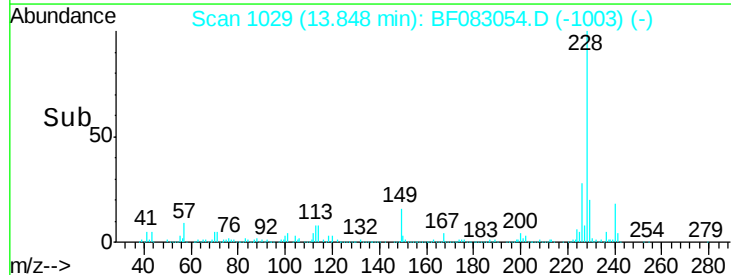
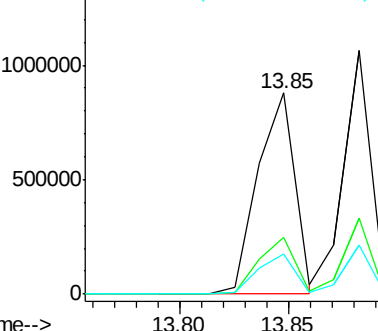
229 20.2 16.1 24.1

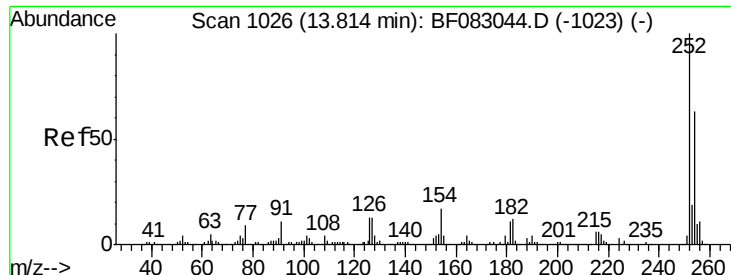


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

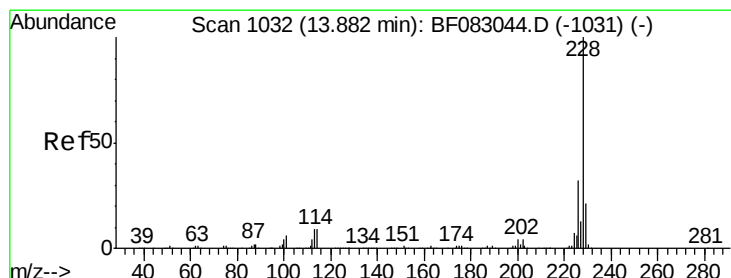
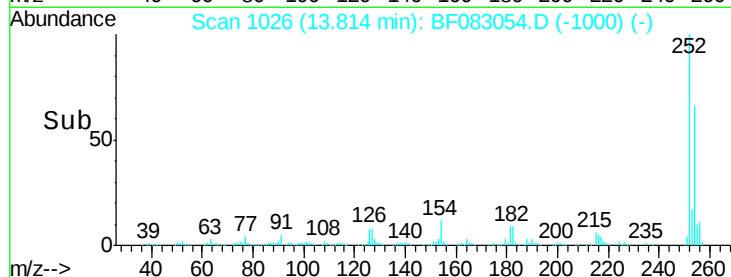
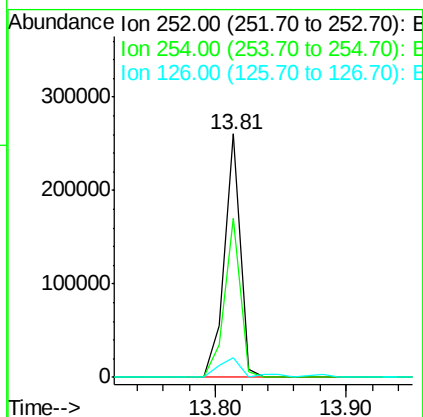
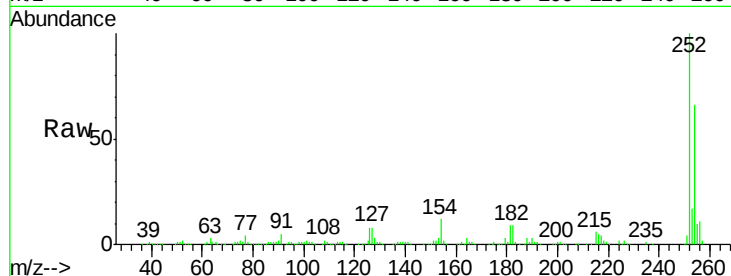




#81
 3,3'-Dichlorobenzidine
 Concen: 27.78 ng
 RT: 13.81 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BF083054.D
 Acq: 20 Nov 2015 00:34

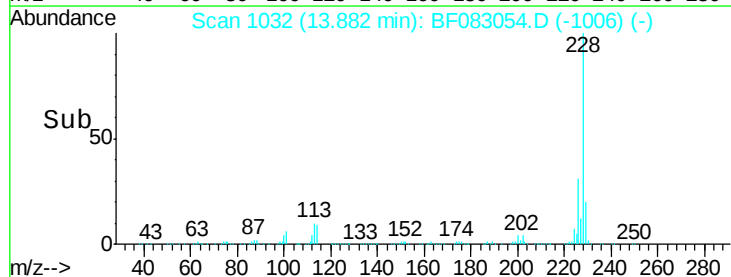
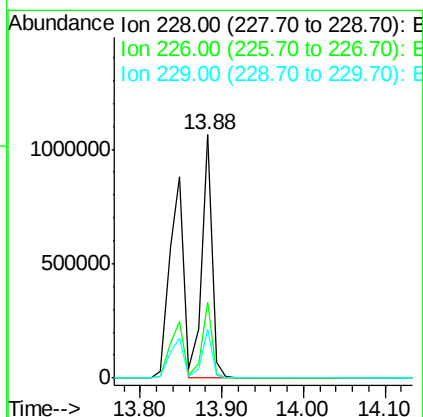
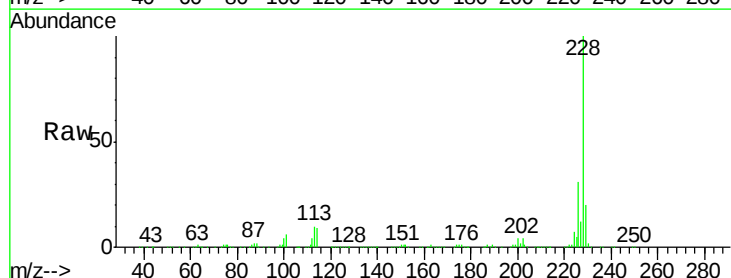
Instrument :
 BNA_F
 ClientSampleId :
 PB86723BSD

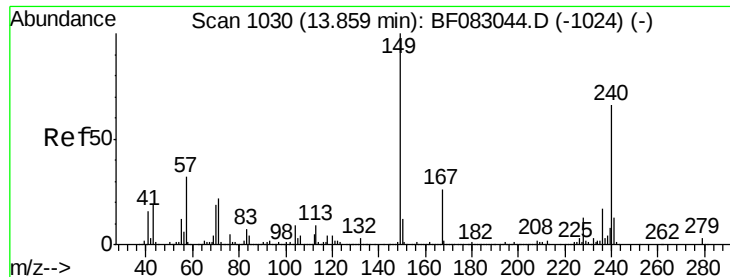
Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.6	50.6	76.0
126	7.9	10.2	15.4



#82
 Chrysene
 Concen: 42.45 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. 0.00 min
 Lab File: BF083054.D
 Acq: 20 Nov 2015 00:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.3	37.9
229	20.4	16.4	24.6

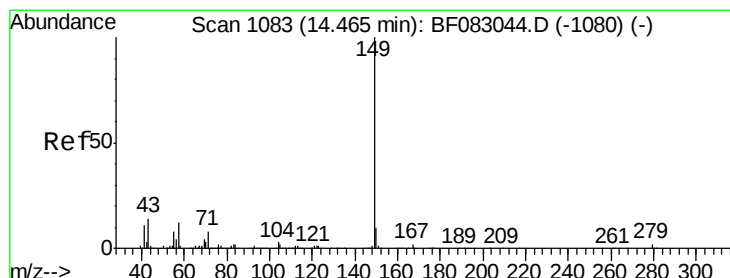
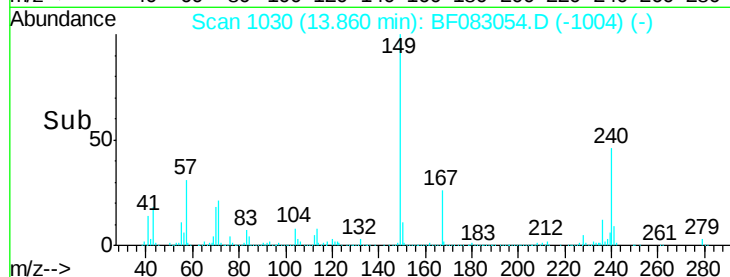
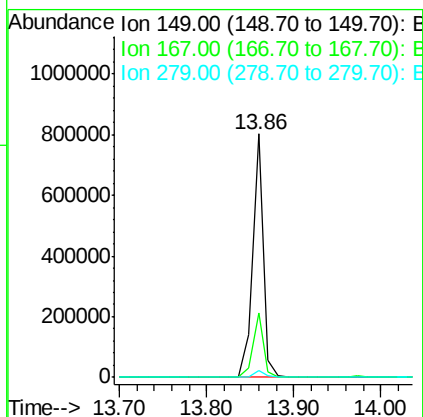
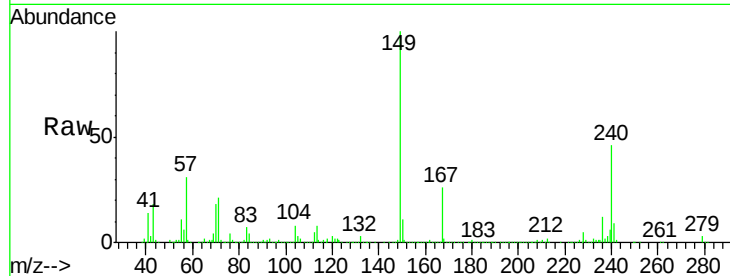




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.91 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: BF083054.D
 Acq: 20 Nov 2015 00:34

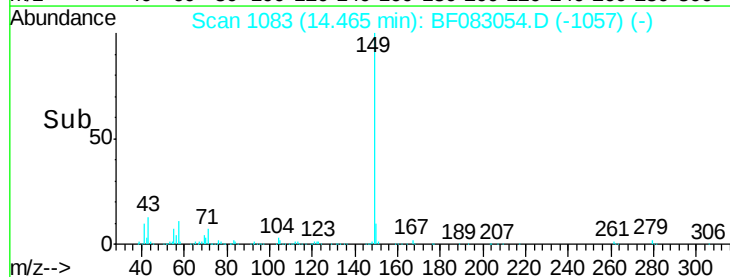
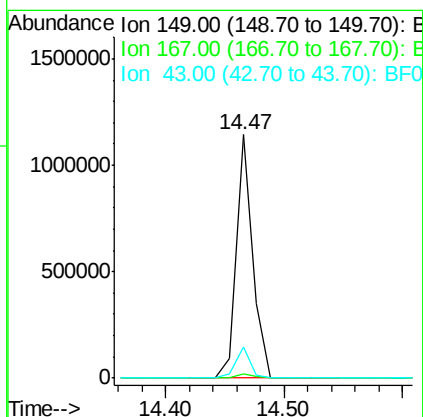
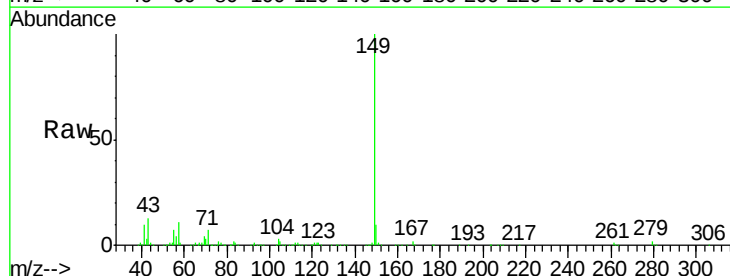
Instrument :
 BNA_F
 ClientSampleId :
 PB86723BSD

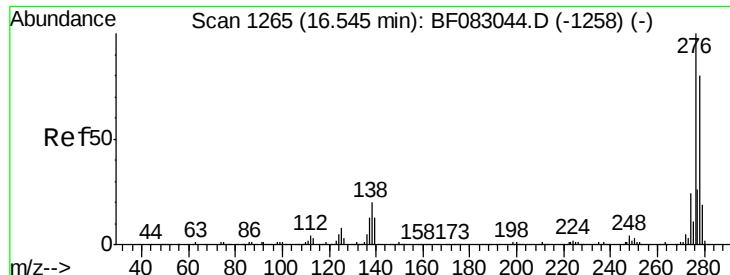
Tgt Ion:149 Resp: 689805
 Ion Ratio Lower Upper
 149 100
 167 26.2 20.9 31.3
 279 2.9 2.0 3.0



#84
 Di-n-octyl phthalate
 Concen: 43.62 ng
 RT: 14.47 min Scan# 1083
 Delta R.T. 0.00 min
 Lab File: BF083054.D
 Acq: 20 Nov 2015 00:34

Tgt Ion:149 Resp: 1091352
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 12.0 8.8 13.2

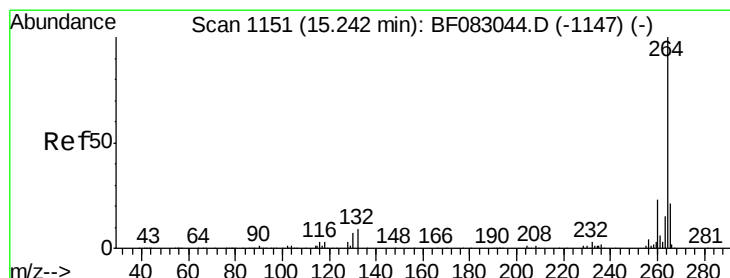
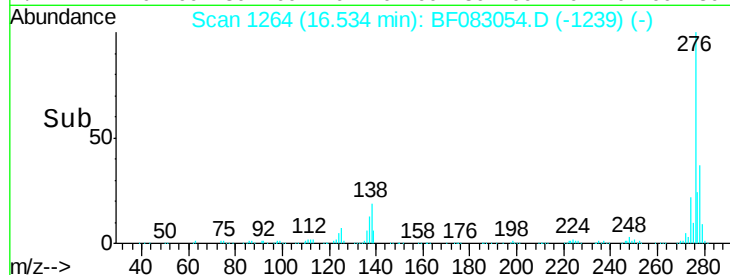
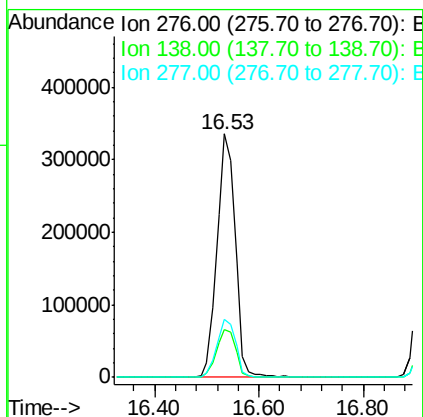
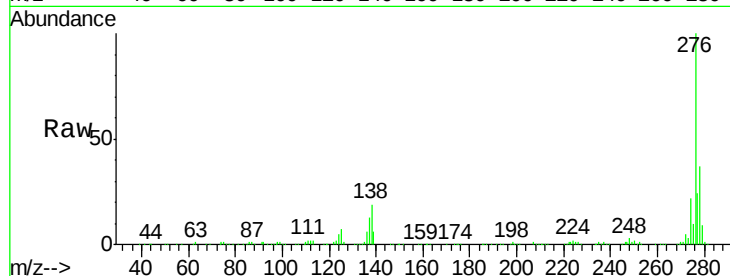




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.79 ng
 RT: 16.53 min Scan# 1264
 Delta R.T. -0.01 min
 Lab File: BF083054.D
 Acq: 20 Nov 2015 00:34

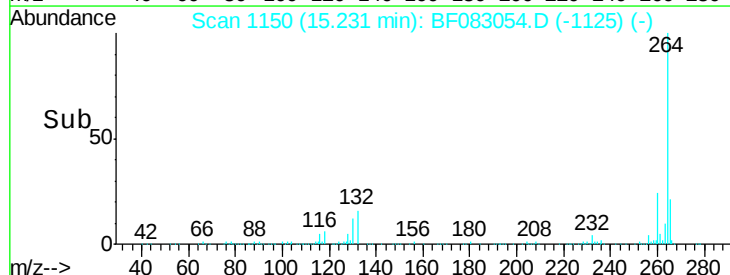
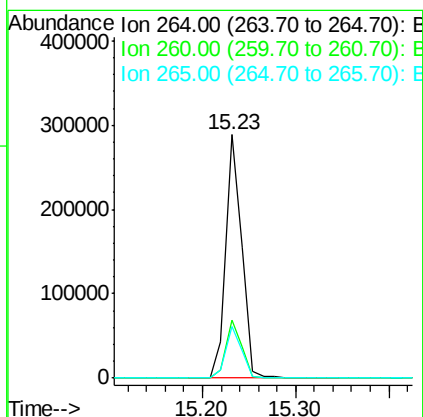
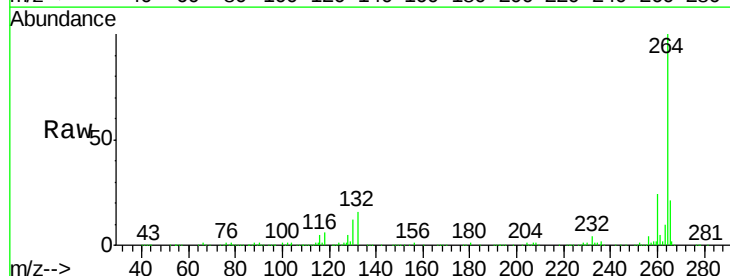
Instrument :
 BNA_F
 ClientSampleId :
 PB86723BSD

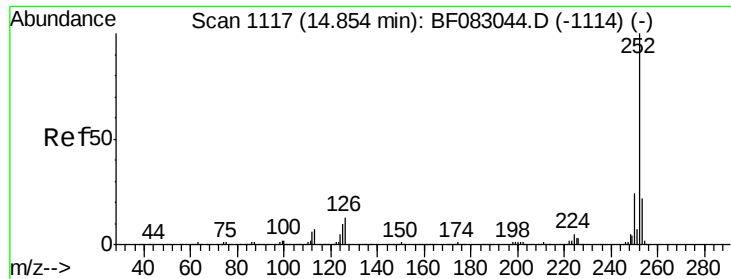
Tgt Ion: 276 Resp: 819699
 Ion Ratio Lower Upper
 276 100
 138 20.7 16.3 24.5
 277 24.9 19.8 29.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.23 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF083054.D
 Acq: 20 Nov 2015 00:34

Tgt Ion: 264 Resp: 343508
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.6 27.8
 265 21.3 17.0 25.6

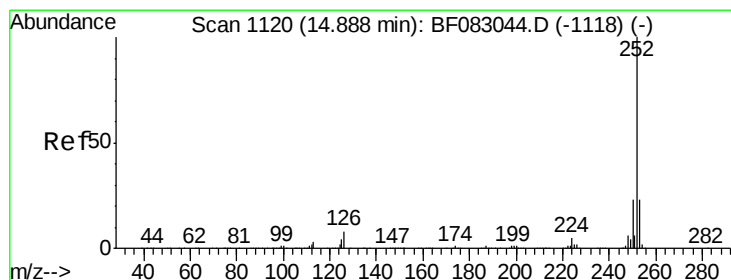
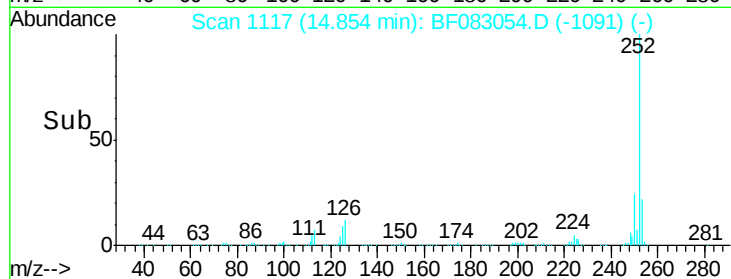
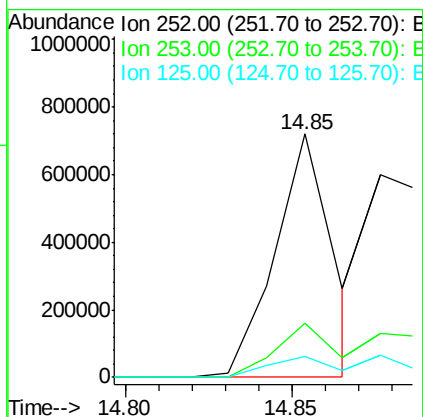
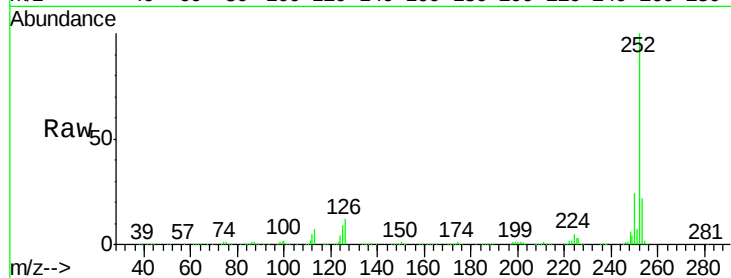




#87
Benzo(b)fluoranthene
Concen: 36.24 ng m
RT: 14.85 min Scan# 1117
Delta R.T. 0.00 min
Lab File: BF083054.D
Acq: 20 Nov 2015 00:34

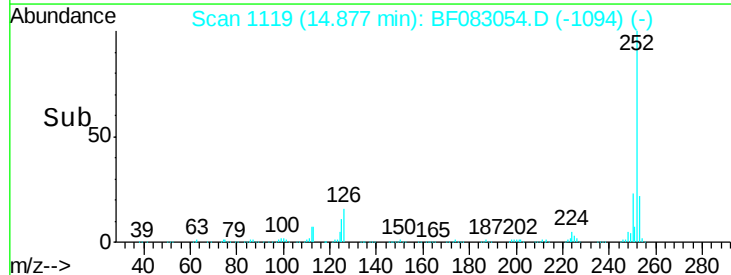
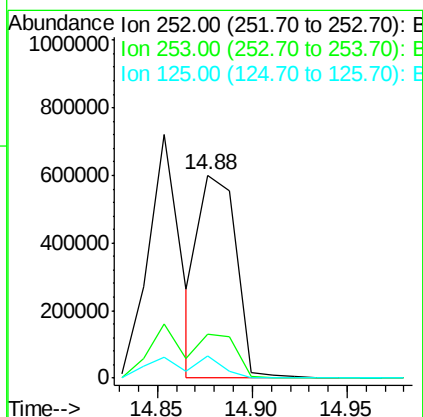
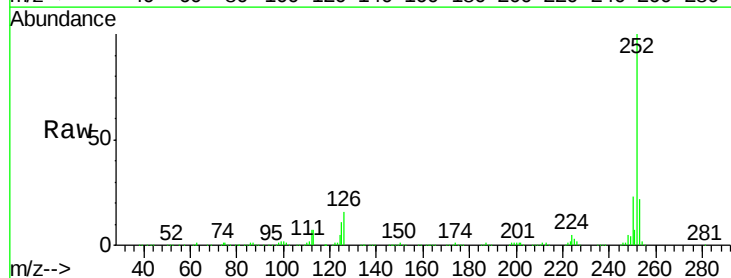
Instrument :
BNA_F
ClientSampleId :
PB86723BSD

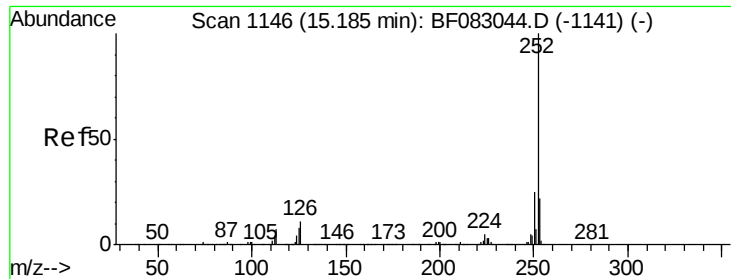
Tgt Ion:252 Resp: 870443
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 8.5 7.7 11.5



#88
Benzo(k)fluoranthene
Concen: 44.55 ng m
RT: 14.88 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BF083054.D
Acq: 20 Nov 2015 00:34

Tgt Ion:252 Resp: 815134
Ion Ratio Lower Upper
252 100
253 21.6 17.8 26.6
125 10.8 3.8 5.6#





#89

Benzo(a)pyrene

Concen: 42.76 ng

RT: 15.19 min Scan# 1146

Delta R.T. 0.00 min

Lab File: BF083054.D

Acq: 20 Nov 2015 00:34

Instrument :

BNA_F

ClientSampleId :

PB86723BSD

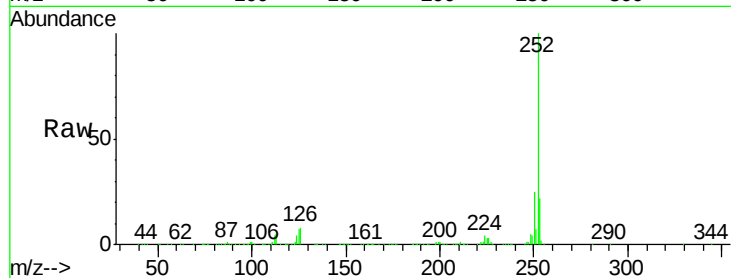
Tgt Ion:252 Resp: 824264

Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

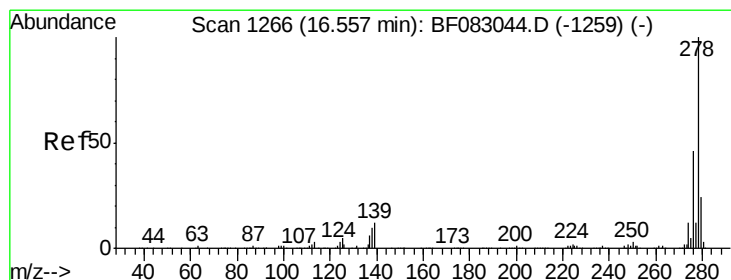
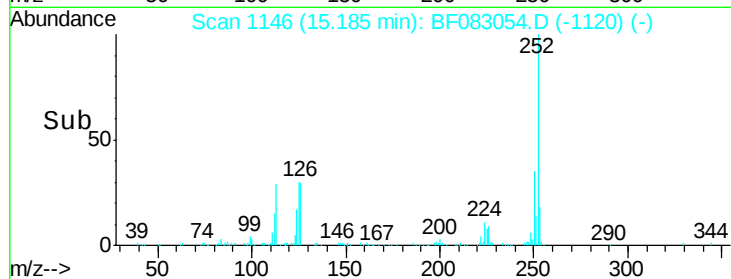
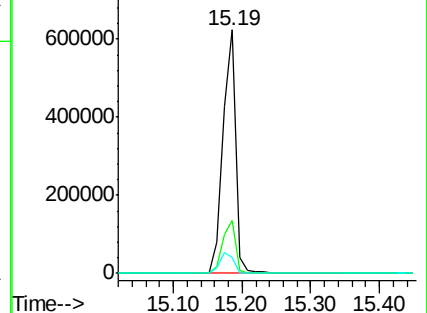
125 6.7 6.4 9.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 41.01 ng

RT: 16.56 min Scan# 1266

Delta R.T. 0.00 min

Lab File: BF083054.D

Acq: 20 Nov 2015 00:34

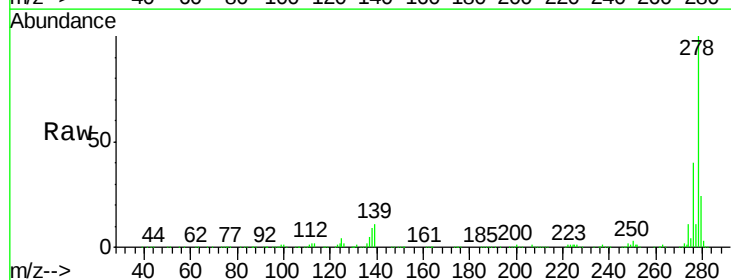
Tgt Ion:278 Resp: 687888

Ion Ratio Lower Upper

278 100

139 11.2 9.8 14.8

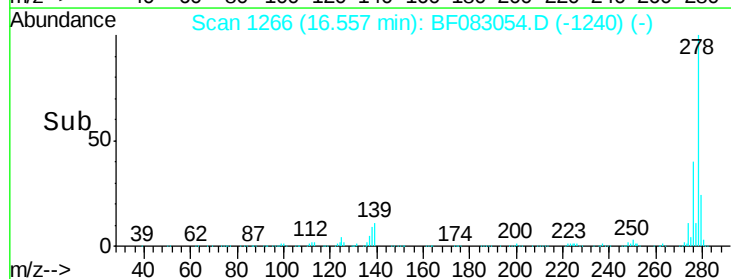
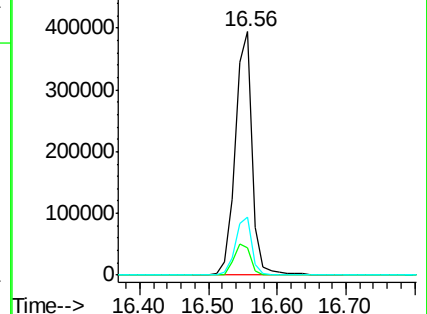
279 23.8 19.6 29.4

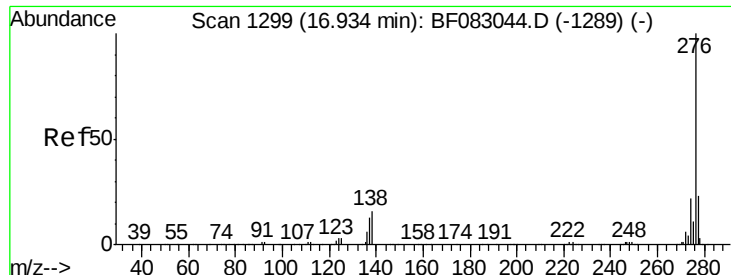


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 41.14 ng

RT: 16.92 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BF083054.D

Acq: 20 Nov 2015 00:34

Instrument :

BNA_F

ClientSampleId :

PB86723BSD

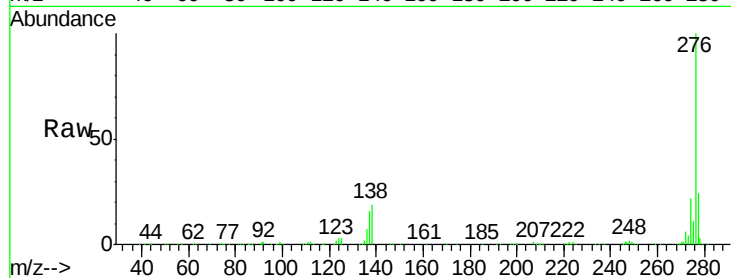
Tgt Ion: 276 Resp: 673096

Ion Ratio Lower Upper

276 100

277 24.3 18.6 27.8

138 18.8 12.5 18.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

