

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111915\
 Data File : BF083051.D
 Acq On : 19 Nov 2015 23:06
 Operator : UM/IZ
 Sample : PB86753BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86753BS

Quant Time: Nov 20 07:10:49 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	121167	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	481146	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	246340	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	464157	20.00	ng	0.00
75) Chrysene-d12	13.86	240	412367	20.00	ng	0.00
86) Perylene-d12	15.23	264	326020	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	968886	124.20	ng	0.01
7) Phenol-d6	6.36	99	1317101	128.19	ng	0.01
23) Nitrobenzene-d5	7.28	82	940176	89.46	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	322964	123.48	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1425233	77.92	ng	-0.01
78) Terphenyl-d14	12.82	244	1538908	88.10	ng	0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.22	88	106146	30.01	ng	95
3) Pyridine	2.89	79	324786	33.88	ng	98
4) n-Nitrosodimethylamine	2.83	42	178485	36.80	ng	98
6) Aniline	6.36	93	442210	31.47	ng	93
8) 2-Chlorophenol	6.49	128	332993	38.27	ng	94
9) Benzaldehyde	6.24	77	241869	48.19	ng	95
10) Phenol	6.37	94	567353	47.39	ng	92
11) bis(2-Chloroethyl)ether	6.44	93	332251	38.19	ng	97
12) 1,3-Dichlorobenzene	6.65	146	370659	38.06	ng	98
13) 1,4-Dichlorobenzene	6.72	146	361983	36.69	ng	99
14) 1,2-Dichlorobenzene	6.88	146	382165	41.92	ng	98
15) Benzyl Alcohol	6.85	79	328333	38.84	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.99	45	558813	41.21	ng	98
17) 2-Methylphenol	6.98	107	290500	39.98	ng	98
18) Hexachloroethane	7.22	117	138983	38.33	ng	93
19) n-Nitroso-di-n-propylamine	7.13	70	267816	35.67	ng	100
20) 3+4-Methylphenols	7.14	107	408464	43.13	ng	99
22) Acetophenone	7.12	105	511975	37.99	ng	99
24) Nitrobenzene	7.29	77	383406	36.16	ng	97
25) Isophorone	7.54	82	771099	38.90	ng	99
26) 2-Nitrophenol	7.61	139	171948	37.08	ng	97
27) 2,4-Dimethylphenol	7.66	122	338111	44.13	ng	97
28) bis(2-Chloroethoxy)methane	7.76	93	475878	42.85	ng	99
29) 2,4-Dichlorophenol	7.86	162	322576	43.44	ng	99
30) 1,2,4-Trichlorobenzene	7.94	180	326658	39.72	ng	99
31) Naphthalene	8.02	128	1013080	40.41	ng	99
32) Benzoic acid	7.79	122	195739	42.00	ng	95
33) 4-Chloroaniline	8.06	127	278664	25.56	ng	95
34) Hexachlorobutadiene	8.14	225	200129	38.93	ng	99
35) Caprolactam	8.44	113	109116m	46.22	ng	
36) 4-Chloro-3-methylphenol	8.57	107	376245	43.82	ng	94
37) 2-Methylnaphthalene	8.70	142	636486	38.14	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	307722	37.88	ng	99
40) Hexachlorocyclopentadiene	8.86	237	310749	82.10	ng	98

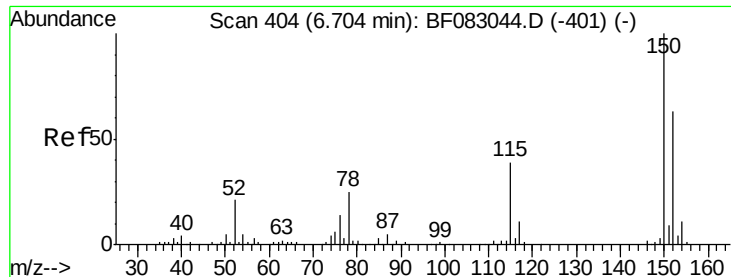
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111915\
 Data File : BF083051.D
 Acq On : 19 Nov 2015 23:06
 Operator : UM/IZ
 Sample : PB86753BS
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	218777	37.12	ng	98
43) 2,4,5-Trichlorophenol	9.04	196	250684	42.65	ng	99
45) 1,1'-Biphenyl	9.17	154	816274	37.66	ng	99
46) 2-Chloronaphthalene	9.20	162	684271	41.50	ng	99
47) 2-Nitroaniline	9.29	65	218599	35.14	ng	97
48) Acenaphthylene	9.61	152	1047846	38.60	ng	98
49) Dimethylphthalate	9.48	163	774805	38.22	ng	100
50) 2,6-Dinitrotoluene	9.54	165	190067	43.49	ng	93
51) Acenaphthene	9.78	154	624883	36.43	ng	100
52) 3-Nitroaniline	9.70	138	114931	23.05	ng	96
53) 2,4-Dinitrophenol	9.81	184	201669	90.55	ng	# 68
54) Dibenzofuran	9.95	168	870482	37.87	ng	100
55) 4-Nitrophenol	9.88	139	247974	72.46	ng	# 75
56) 2,4-Dinitrotoluene	9.94	165	220801	37.75	ng	89
57) Fluorene	10.29	166	726564	39.28	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.08	232	206356	43.44	ng	97
59) Diethylphthalate	10.18	149	760414	38.46	ng	99
60) 4-Chlorophenyl-phenylether	10.29	204	363054	41.91	ng	98
61) 4-Nitroaniline	10.32	138	171488	33.68	ng	96
62) Azobenzene	10.45	77	940059	42.45	ng	98
64) 4,6-Dinitro-2-methylphenol	10.35	198	142081	48.01	ng	78
65) n-Nitrosodiphenylamine	10.41	169	601182	36.96	ng	99
66) 4-Bromophenyl-phenylether	10.77	248	200180	37.24	ng	93
67) Hexachlorobenzene	10.84	284	231458	39.36	ng	98
68) Atrazine	10.94	200	231473	45.43	ng	98
69) Pentachlorophenol	11.04	266	248498	82.81	ng	99
70) Phenanthrene	11.25	178	1217080	43.46	ng	100
71) Anthracene	11.30	178	1073709	38.06	ng	99
72) Carbazole	11.46	167	1071080	43.43	ng	100
73) Di-n-butylphthalate	11.80	149	1240372	39.89	ng	100
74) Fluoranthene	12.43	202	1100238	37.70	ng	99
76) Benzidine	12.56	184	589747	43.71	ng	98
77) Pyrene	12.66	202	1208562	41.63	ng	100
79) Butylbenzylphthalate	13.29	149	516414	40.26	ng	100
80) Benzo(a)anthracene	13.85	228	1067751	40.74	ng	100
81) 3,3'-Dichlorobenzidine	13.81	252	267612	30.34	ng	# 97
82) Chrysene	13.88	228	911386m	37.93	ng	
83) Bis(2-ethylhexyl)phthalate	13.86	149	718113	42.81	ng	100
84) Di-n-octyl phthalate	14.47	149	1121820	41.05	ng	98
85) Indeno(1,2,3-cd)pyrene	16.53	276	801522	41.00	ng	100
87) Benzo(b)fluoranthene	14.85	252	868819m	38.11	ng	
88) Benzo(k)fluoranthene	14.89	252	837995m	48.26	ng	
89) Benzo(a)pyrene	15.19	252	828739	45.30	ng	99
90) Dibenzo(a,h)anthracene	16.56	278	671301	42.17	ng	99
91) Benzo(g,h,i)perylene	16.92	276	667553	42.99	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.70 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF083051.D

Acq: 19 Nov 2015 23:06

Instrument :

BNA_F

ClientSampleId :

PB86753BS

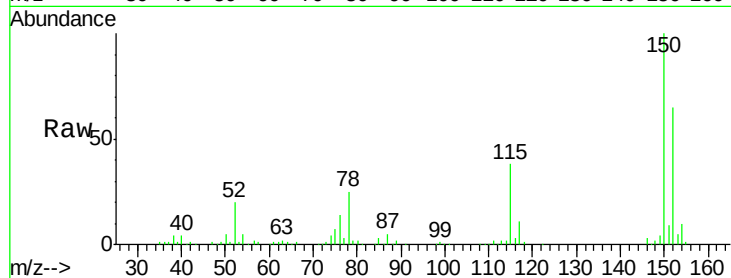
Tgt Ion:152 Resp: 121167

Ion Ratio Lower Upper

152 100

150 155.0 126.4 189.6

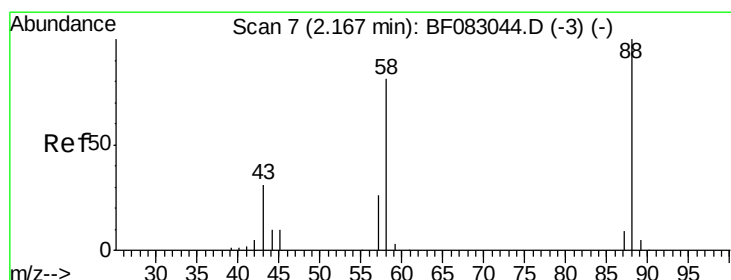
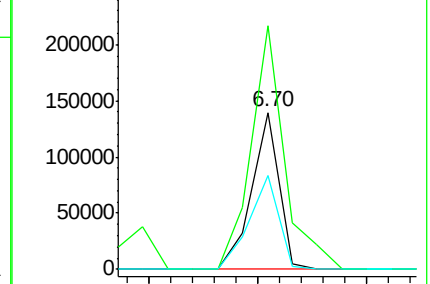
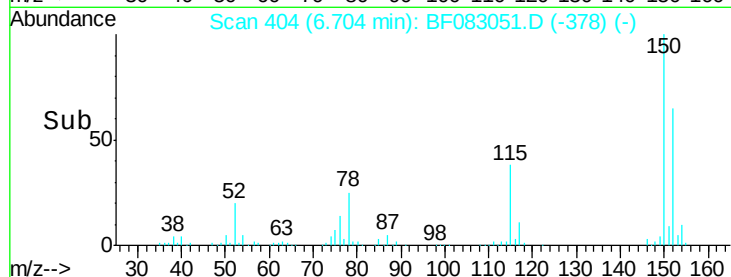
115 59.5 49.0 73.6



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: 30.01 ng

RT: 2.22 min Scan# 12

Delta R.T. 0.06 min

Lab File: BF083051.D

Acq: 19 Nov 2015 23:06

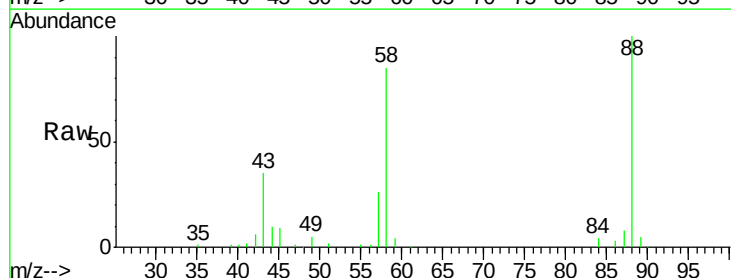
Tgt Ion: 88 Resp: 106146

Ion Ratio Lower Upper

88 100

58 86.0 64.8 97.2

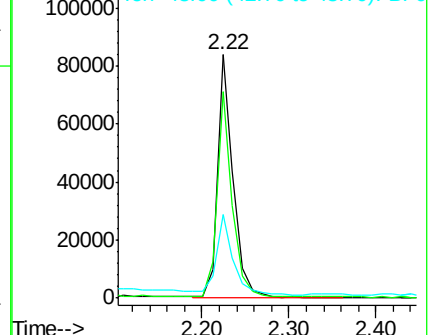
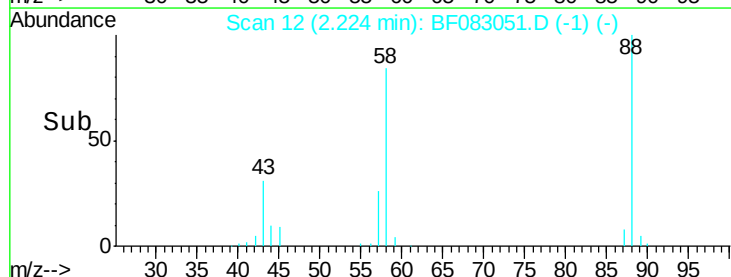
43 35.5 26.2 39.4

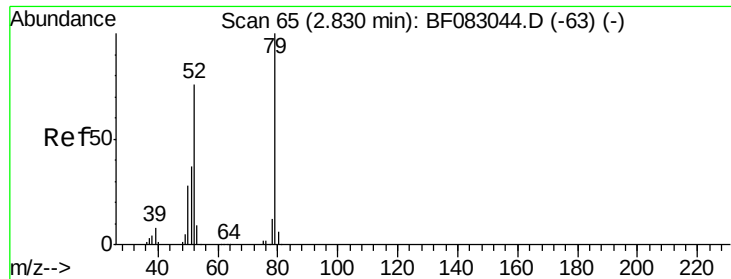


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 33.88 ng

RT: 2.89 min Scan# 70

Delta R.T. 0.06 min

Lab File: BF083051.D

Acq: 19 Nov 2015 23:06

Instrument :

BNA_F

ClientSampleId :

PB86753BS

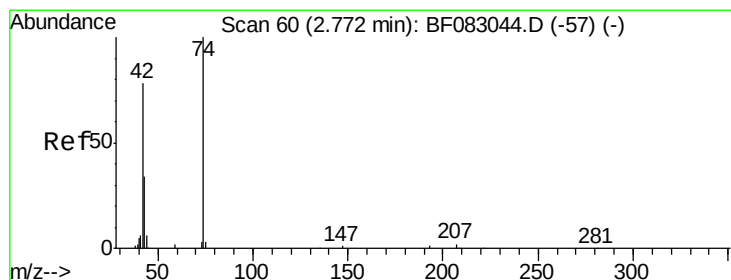
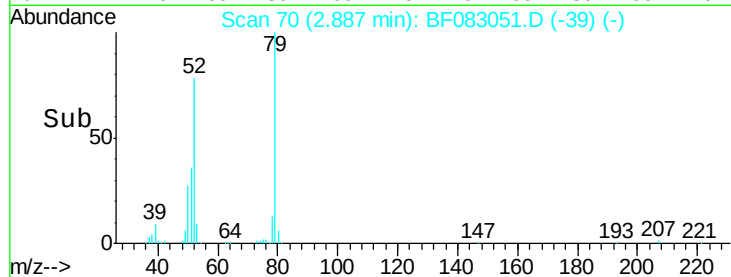
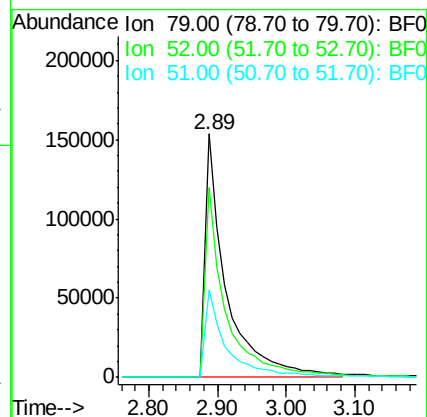
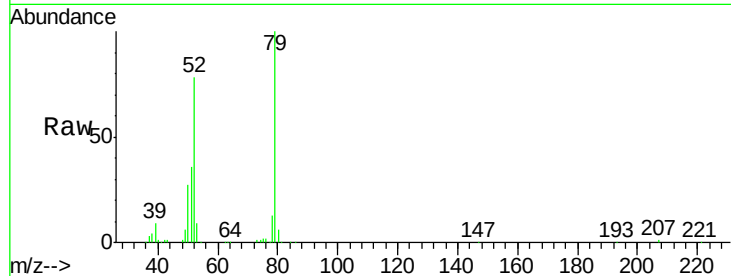
Tgt Ion: 79 Resp: 324786

Ion Ratio Lower Upper

79 100

52 77.8 61.0 91.4

51 36.2 30.0 45.0



#4

n-Nitrosodimethylamine

Concen: 36.80 ng

RT: 2.83 min Scan# 65

Delta R.T. 0.06 min

Lab File: BF083051.D

Acq: 19 Nov 2015 23:06

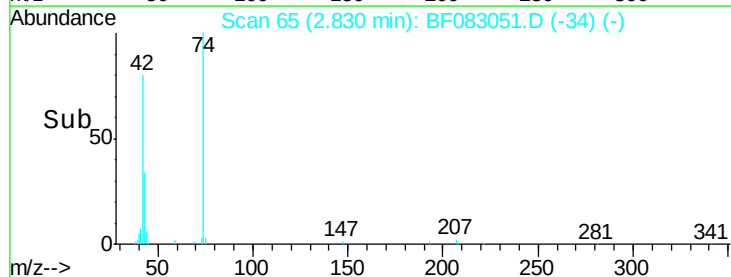
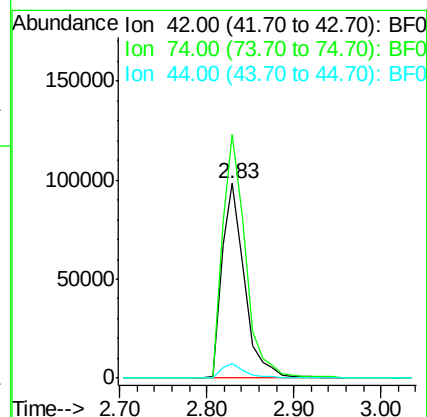
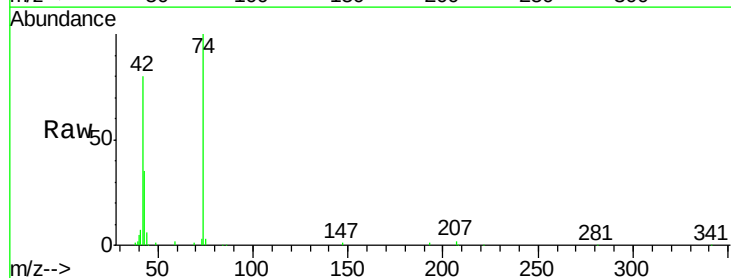
Tgt Ion: 42 Resp: 178485

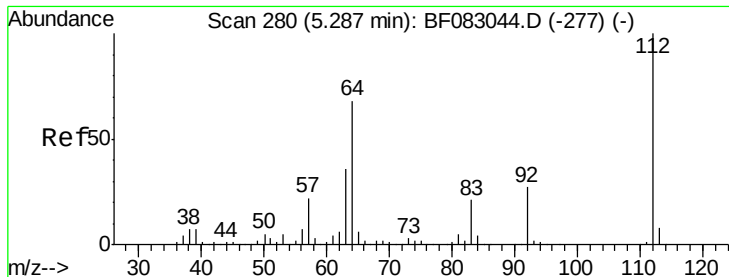
Ion Ratio Lower Upper

42 100

74 125.2 102.4 153.6

44 7.4 5.8 8.8





#5

2-Fluorophenol

Concen: 124.20 ng

RT: 5.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: BF083051.D

Acq: 19 Nov 2015 23:06

Instrument :

BNA_F

ClientSampleId :

PB86753BS

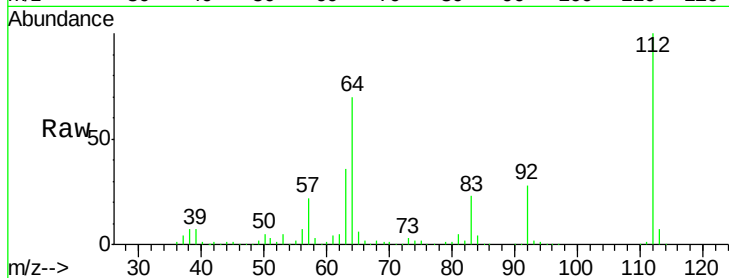
Tgt Ion: 112 Resp: 968886

Ion Ratio Lower Upper

112 100

64 69.6 54.8 82.2

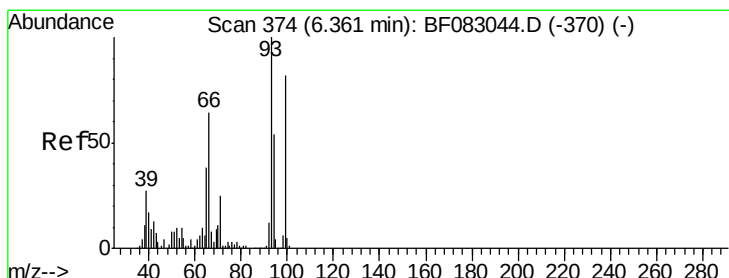
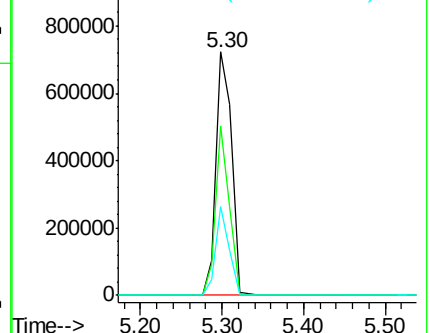
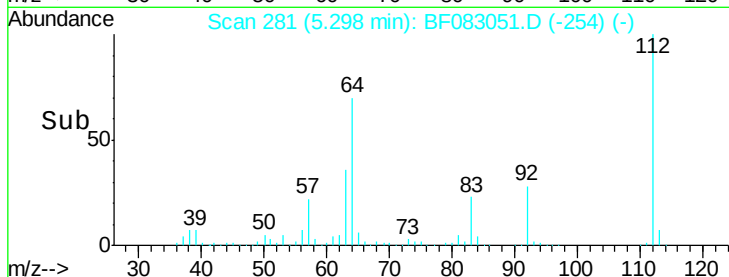
63 36.3 29.0 43.4



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) (-)



#6

Aniline

Concen: 31.47 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.00 min

Lab File: BF083051.D

Acq: 19 Nov 2015 23:06

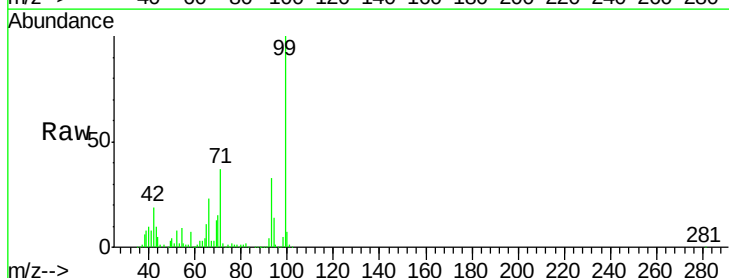
Tgt Ion: 93 Resp: 442210

Ion Ratio Lower Upper

93 100

66 69.8 51.4 77.2

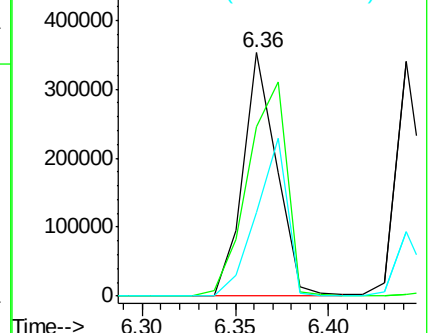
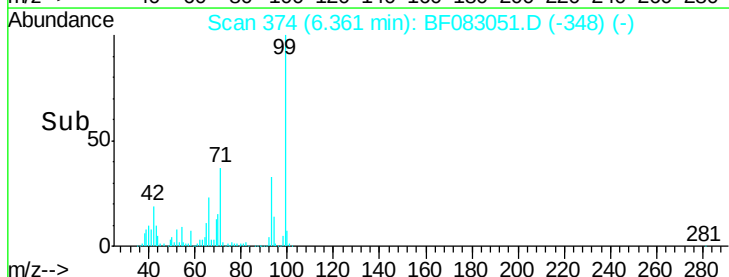
65 34.4 30.7 46.1

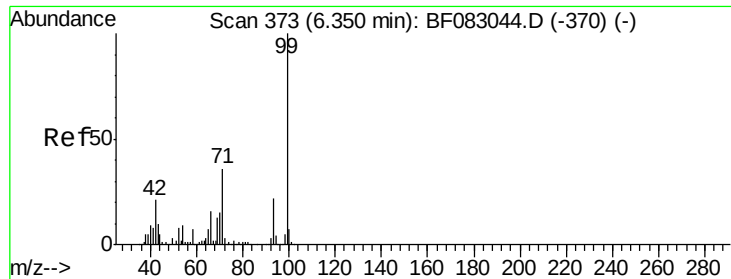


Abundance Ion 93.00 (92.70 to 93.70): BF083044.D (-370) (-)

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

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





#7

Phenol-d6

Concen: 128.19 ng

RT: 6.36 min Scan# 374

Delta R.T. 0.01 min

Lab File: BF083051.D

Acq: 19 Nov 2015 23:06

Instrument :

BNA_F

ClientSampleId :

PB86753BS

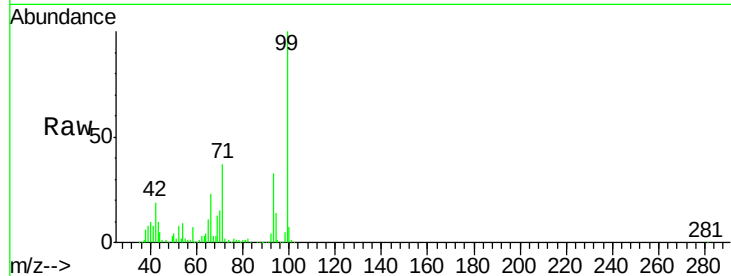
Tgt Ion: 99 Resp: 1317101

Ion Ratio Lower Upper

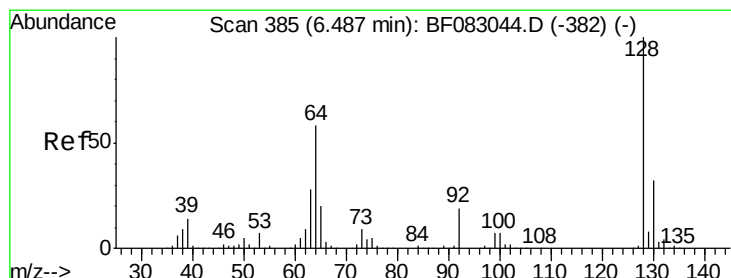
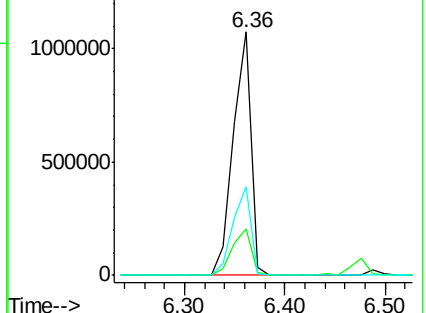
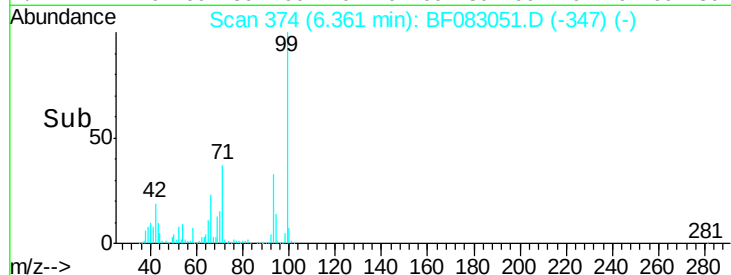
99 100

42 19.0 16.6 25.0

71 36.5 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: 38.27 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF083051.D

Acq: 19 Nov 2015 23:06

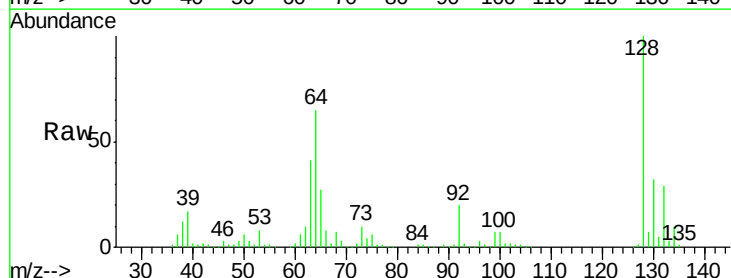
Tgt Ion: 128 Resp: 332993

Ion Ratio Lower Upper

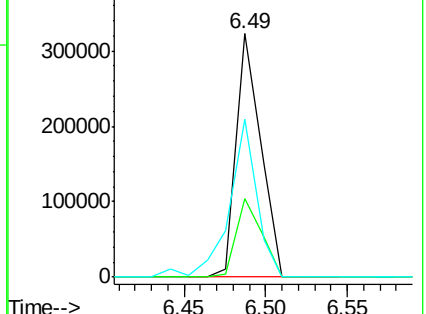
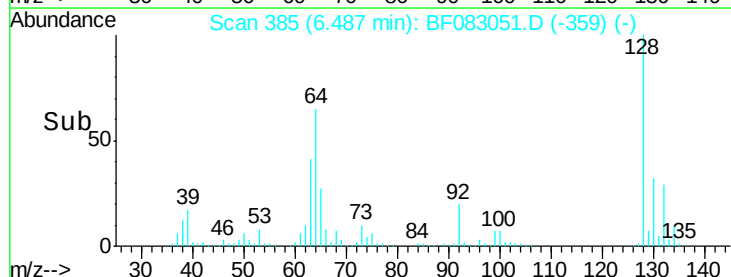
128 100

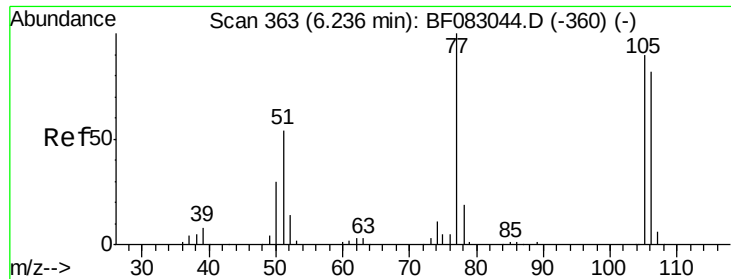
130 32.4 12.3 52.3

64 64.7 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: 48.19 ng

RT: 6.24 min Scan# 363

Delta R.T. 0.00 min

Lab File: BF083051.D

Acq: 19 Nov 2015 23:06

Instrument :

BNA_F

ClientSampleId :

PB86753BS

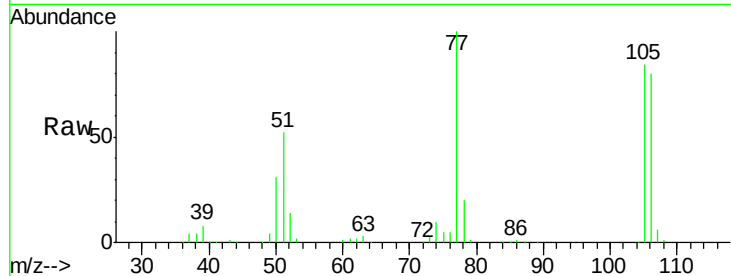
Tgt Ion: 77 Resp: 241869

Ion Ratio Lower Upper

77 100

105 83.5 69.6 109.6

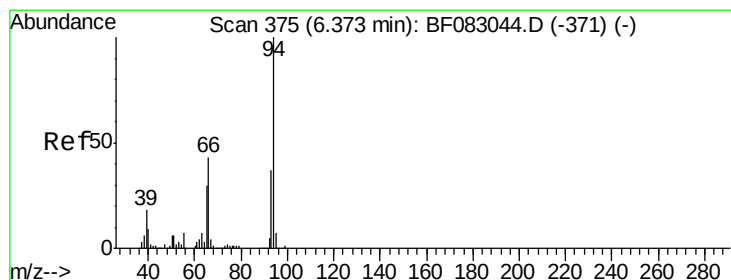
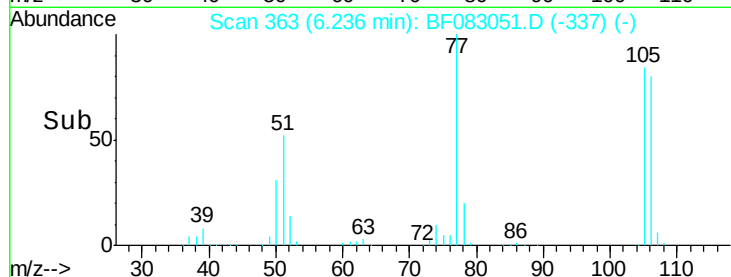
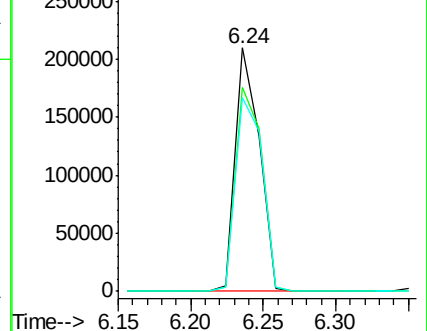
106 79.7 62.0 102.0



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 47.39 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF083051.D

Acq: 19 Nov 2015 23:06

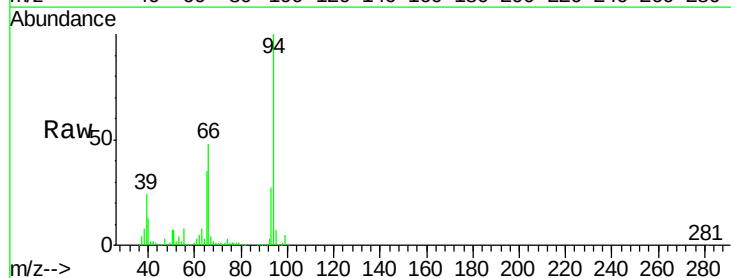
Tgt Ion: 94 Resp: 567353

Ion Ratio Lower Upper

94 100

65 35.2 10.1 50.1

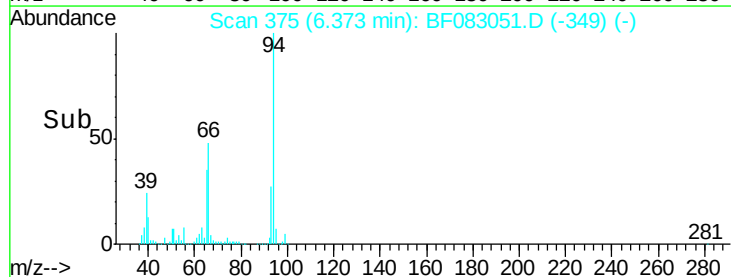
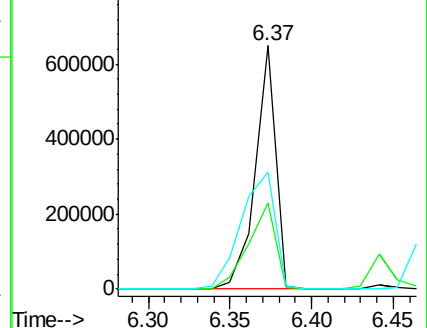
66 47.8 23.2 63.2

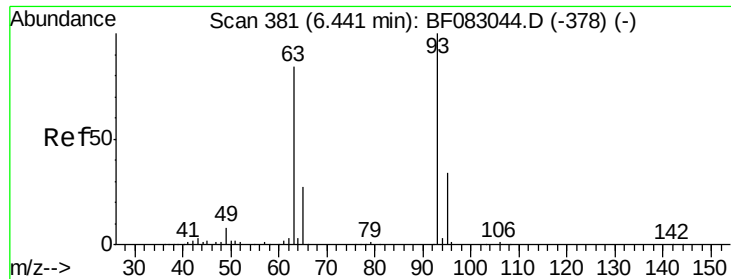


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

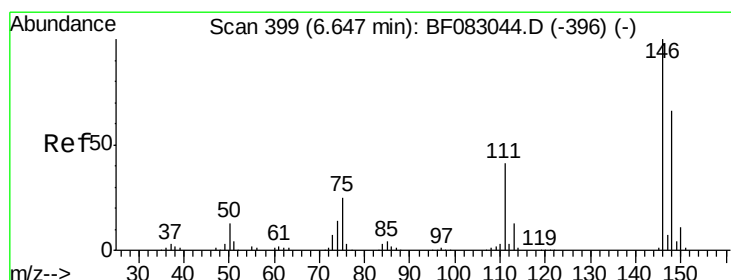
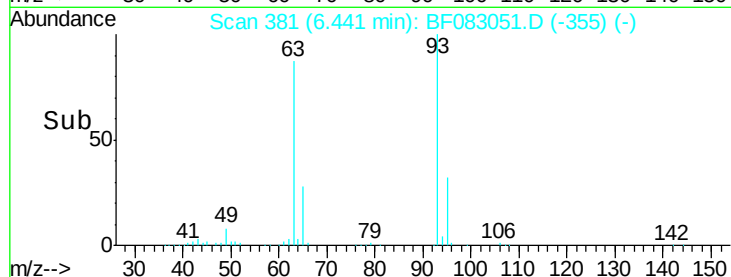
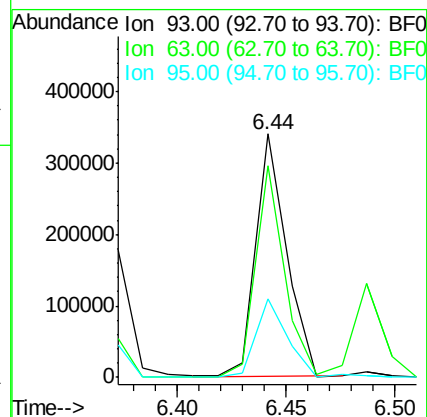
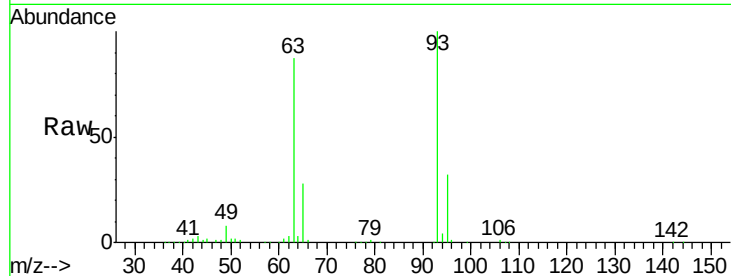




#11
bis(2-Chloroethyl)ether
Concen: 38.19 ng
RT: 6.44 min Scan# 381
Delta R.T. 0.00 min
Lab File: BF083051.D
Acq: 19 Nov 2015 23:06

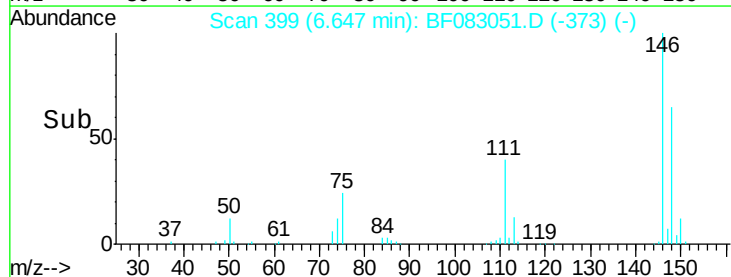
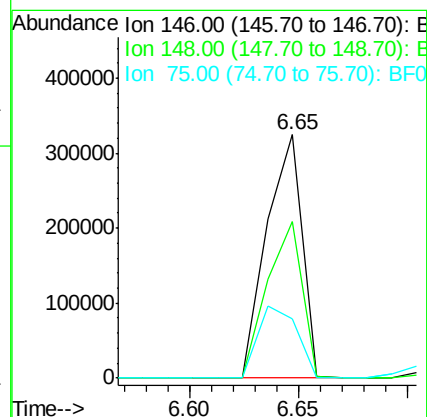
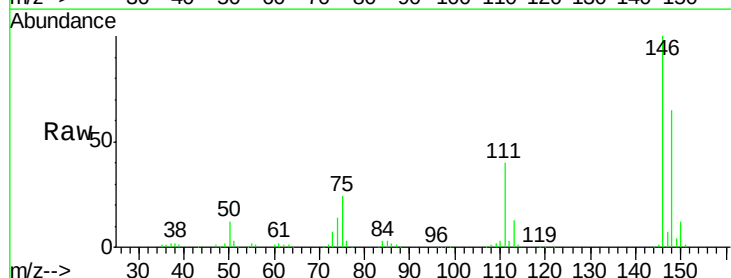
Instrument :
BNA_F
ClientSampleId :
PB86753BS

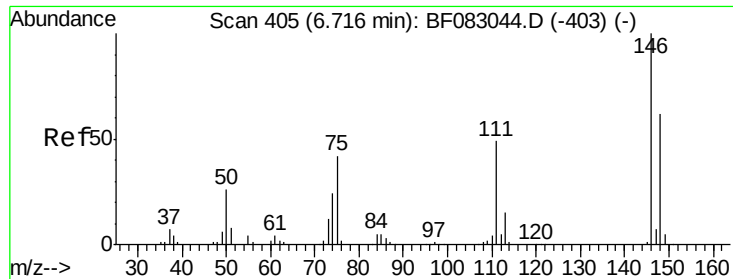
Tgt Ion: 93 Resp: 332251
Ion Ratio Lower Upper
93 100
63 86.7 63.6 103.6
95 32.1 13.8 53.8



#12
1,3-Dichlorobenzene
Concen: 38.06 ng
RT: 6.65 min Scan# 399
Delta R.T. 0.00 min
Lab File: BF083051.D
Acq: 19 Nov 2015 23:06

Tgt Ion: 146 Resp: 370659
Ion Ratio Lower Upper
146 100
148 64.5 52.8 79.2
75 24.4 20.3 30.5

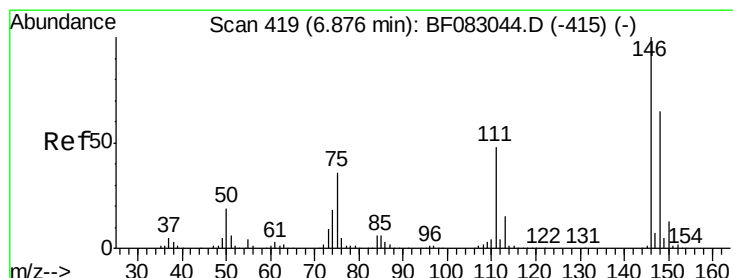
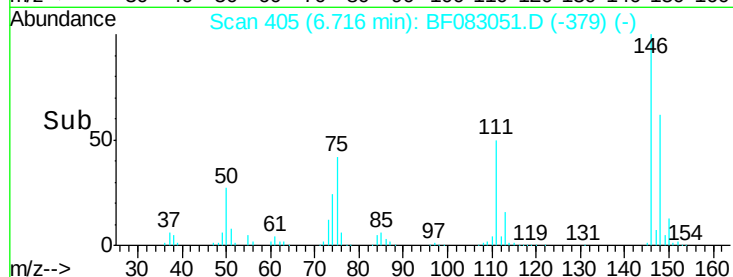
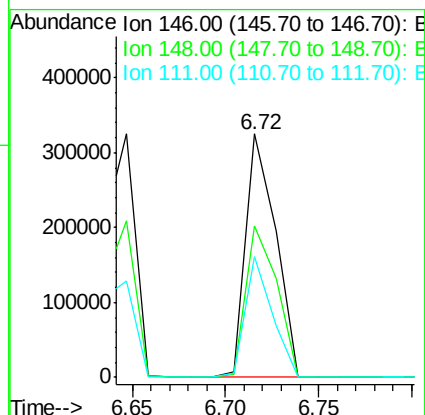
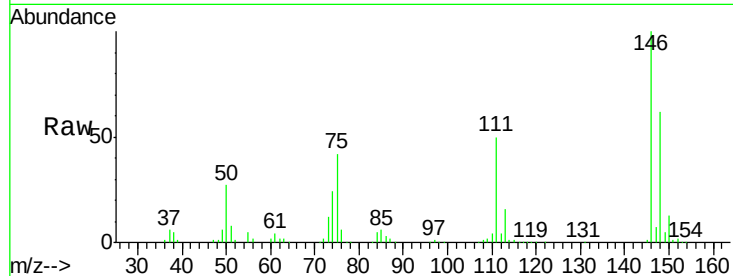




#13
 1,4-Dichlorobenzene
 Concen: 36.69 ng
 RT: 6.72 min Scan# 405
 Delta R.T. 0.00 min
 Lab File: BF083051.D
 Acq: 19 Nov 2015 23:06

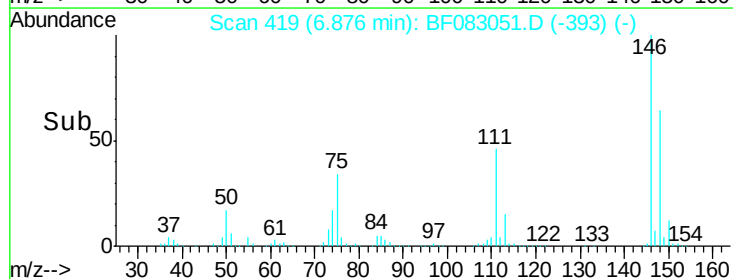
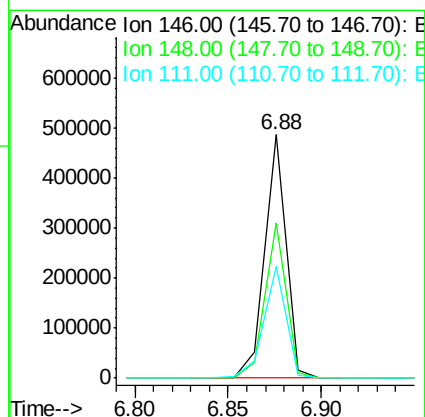
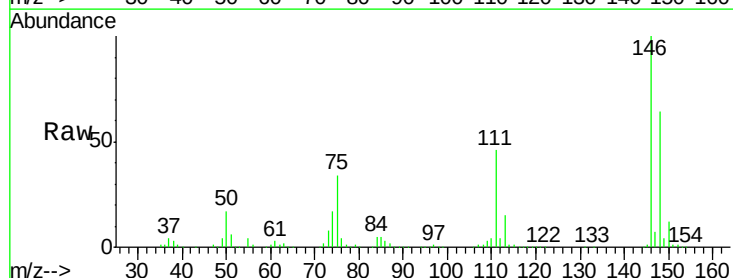
Instrument :
 BNA_F
 ClientSampleId :
 PB86753BS

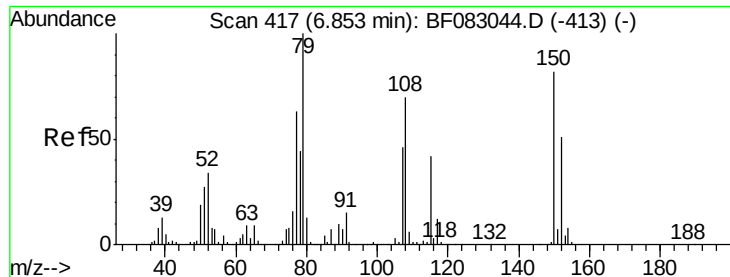
Tgt Ion:146 Resp: 361983
 Ion Ratio Lower Upper
 146 100
 148 62.3 49.6 74.4
 111 49.8 39.0 58.6



#14
 1,2-Dichlorobenzene
 Concen: 41.92 ng
 RT: 6.88 min Scan# 419
 Delta R.T. 0.00 min
 Lab File: BF083051.D
 Acq: 19 Nov 2015 23:06

Tgt Ion:146 Resp: 382165
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.8 77.6
 111 46.1 38.2 57.2





#15

Benzyl Alcohol

Concen: 38.84 ng

RT: 6.85 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF083051.D

Acq: 19 Nov 2015 23:06

Instrument :

BNA_F

ClientSampleId :

PB86753BS

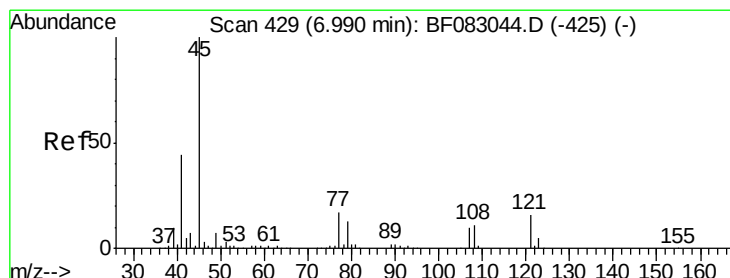
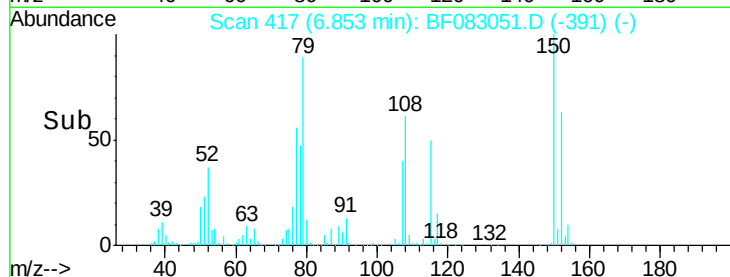
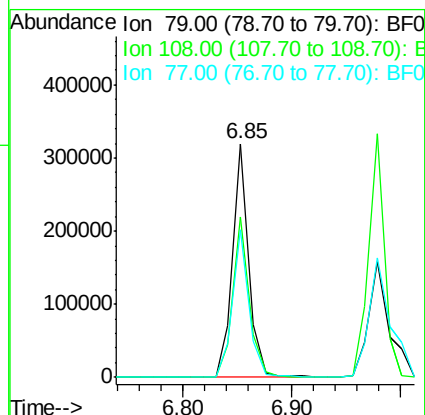
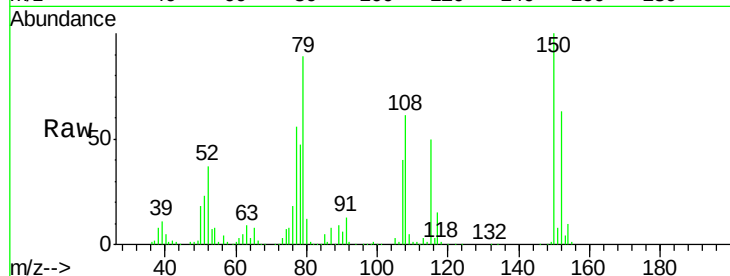
Tgt Ion: 79 Resp: 328333

Ion Ratio Lower Upper

79 100

108 68.5 55.7 83.5

77 63.0 50.7 76.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.21 ng

RT: 6.99 min Scan# 429

Delta R.T. -0.00 min

Lab File: BF083051.D

Acq: 19 Nov 2015 23:06

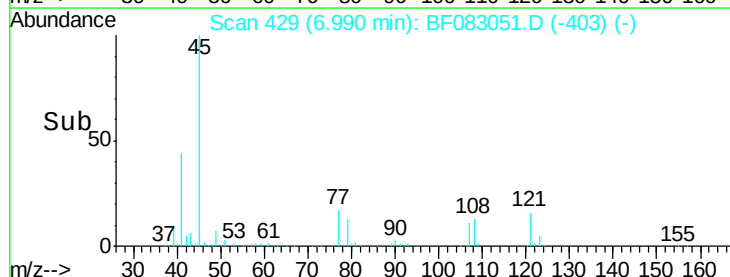
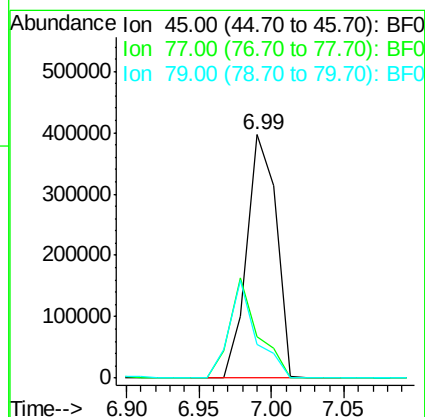
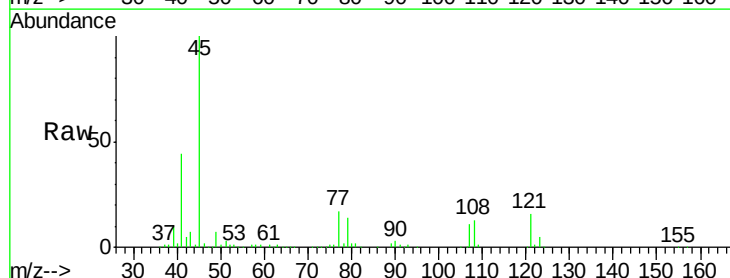
Tgt Ion: 45 Resp: 558813

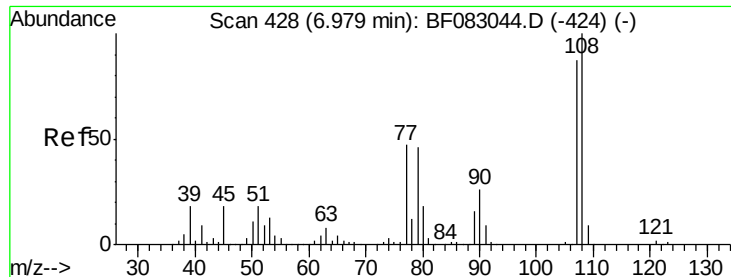
Ion Ratio Lower Upper

45 100

77 17.2 0.0 36.7

79 13.8 0.0 33.0

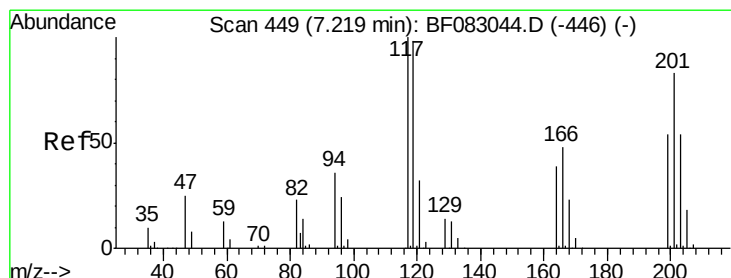
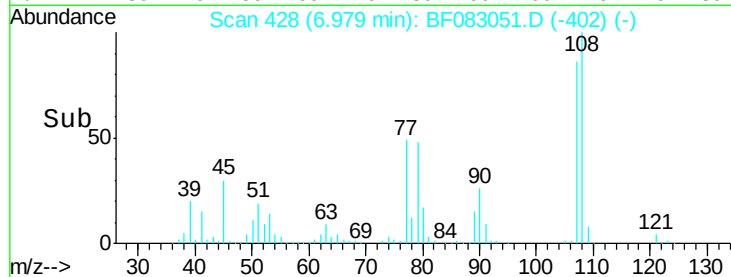
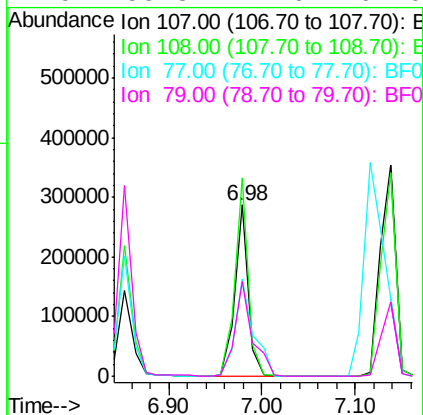
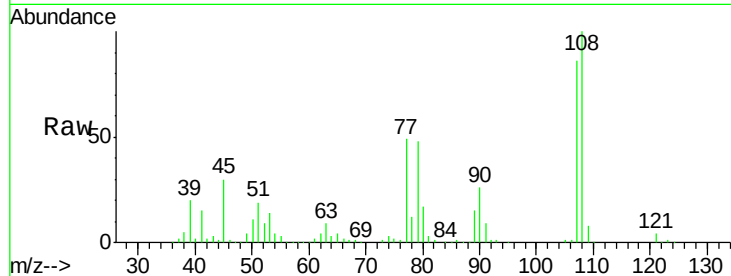




#17
2-Methylphenol
Concen: 39.98 ng
RT: 6.98 min Scan# 428
Delta R.T. 0.00 min
Lab File: BF083051.D
Acq: 19 Nov 2015 23:06

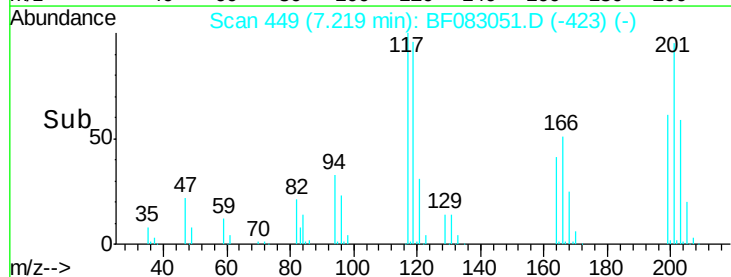
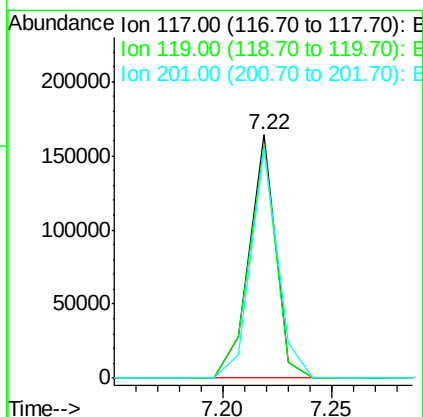
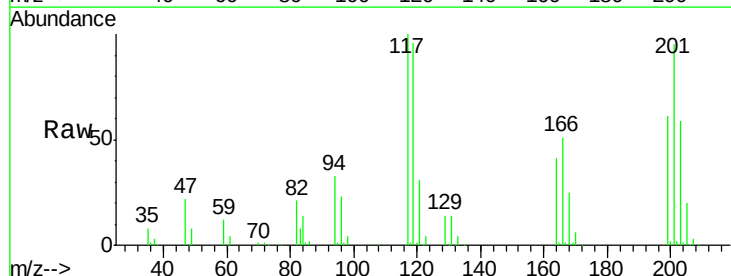
Instrument :
BNA_F
ClientSampleId :
PB86753BS

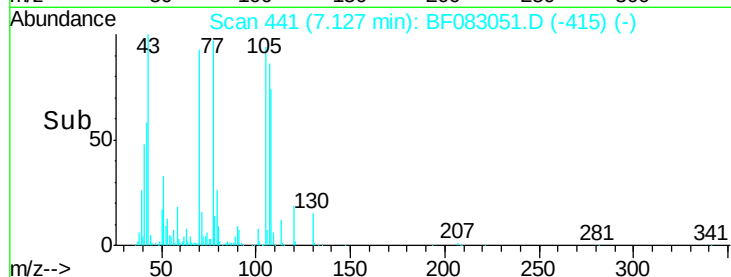
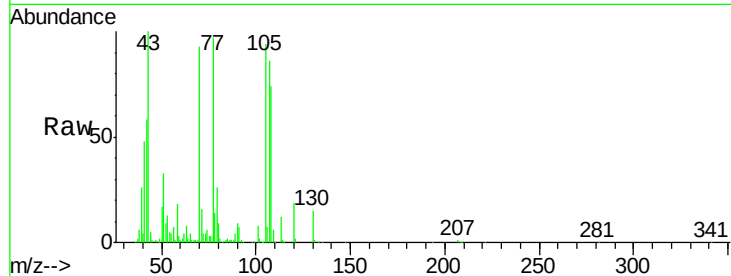
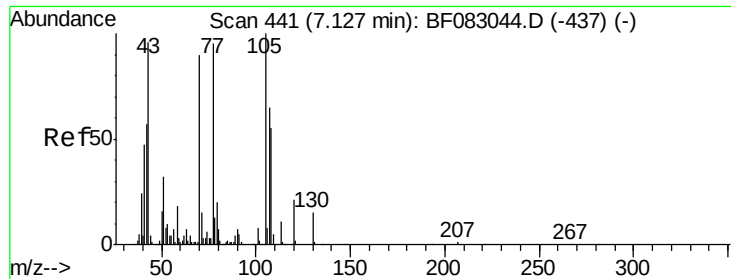
Tgt Ion:107 Resp: 290500
Ion Ratio Lower Upper
107 100
108 116.0 92.3 138.5
77 57.1 43.9 65.9
79 55.3 42.6 64.0



#18
Hexachloroethane
Concen: 38.33 ng
RT: 7.22 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF083051.D
Acq: 19 Nov 2015 23:06

Tgt Ion:117 Resp: 138983
Ion Ratio Lower Upper
117 100
119 95.9 78.3 117.5
201 94.6 66.5 99.7

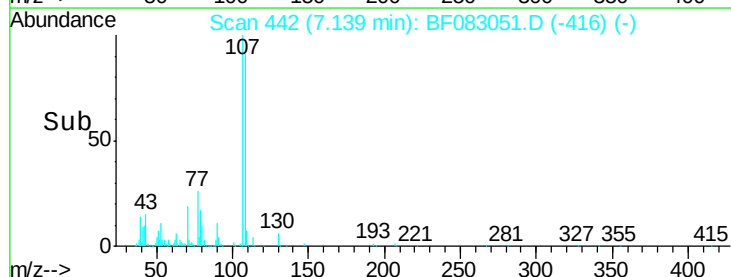
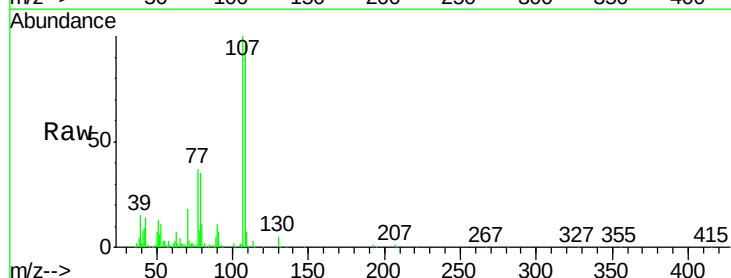
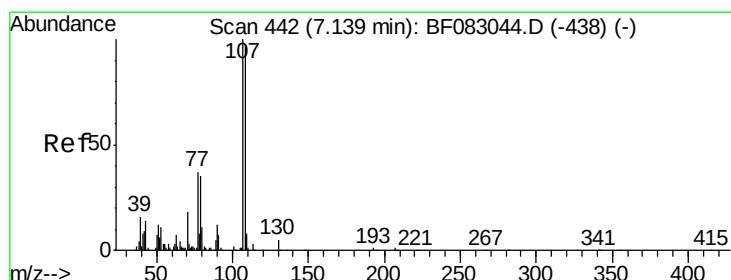
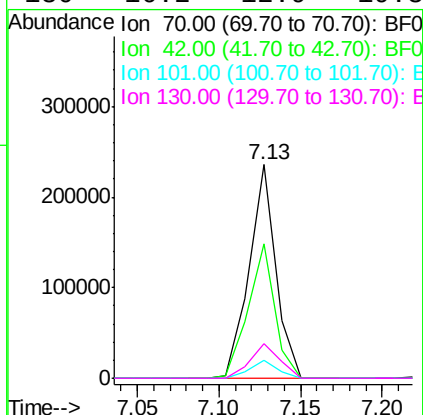




#19
n-Nitroso-di-n-propylamine
Concen: 35.67 ng
RT: 7.13 min Scan# 441
Delta R.T. 0.00 min
Lab File: BF083051.D
Acq: 19 Nov 2015 23:06

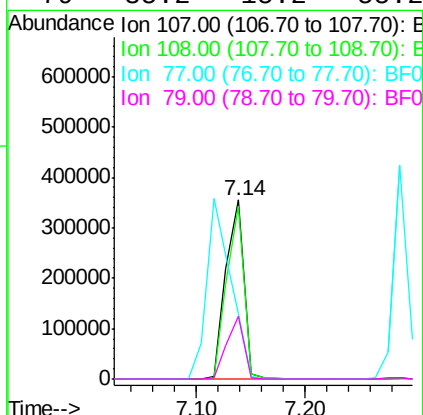
Instrument :
BNA_F
ClientSampleId :
PB86753BS

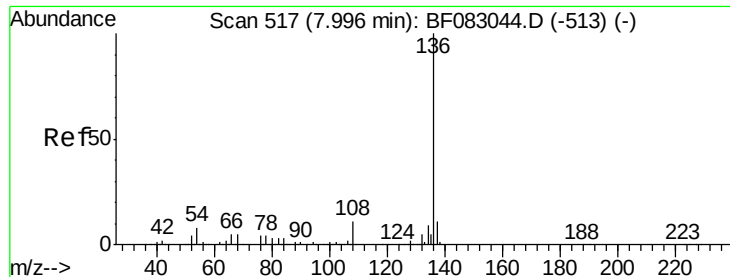
Tgt Ion:	70	Resp:	267816
Ion	Ratio	Lower	Upper
70	100		
42	62.7	50.2	75.2
101	8.7	6.8	10.2
130	16.2	12.9	19.3



#20
3+4-Methylphenols
Concen: 43.13 ng
RT: 7.14 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF083051.D
Acq: 19 Nov 2015 23:06

Tgt Ion:	107	Resp:	408464
Ion	Ratio	Lower	Upper
107	100		
108	96.4	77.4	117.4
77	36.7	16.7	56.7
79	35.2	15.2	55.2

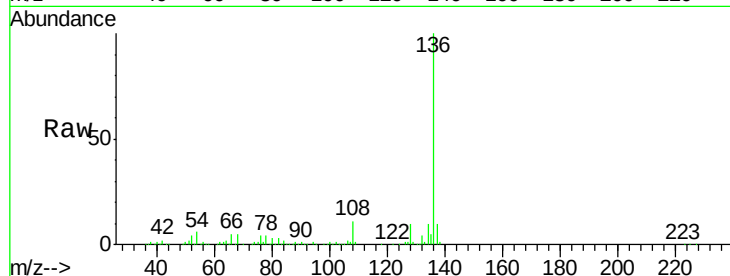




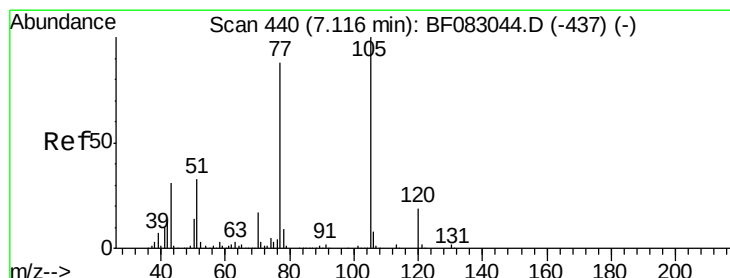
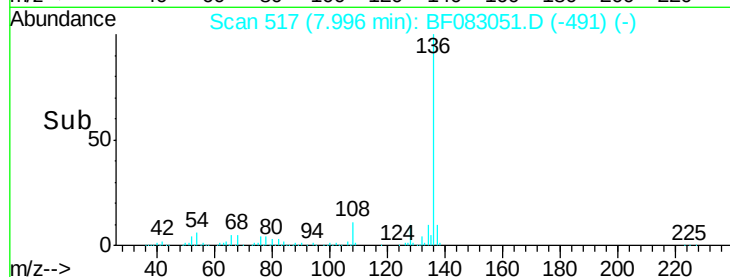
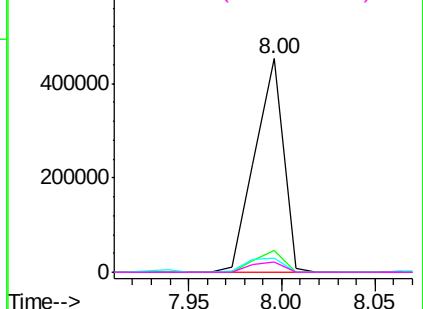
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 517
Delta R.T. -0.00 min
Lab File: BF083051.D
Acq: 19 Nov 2015 23:06

Instrument :
BNA_F
ClientSampleId :
PB86753BS

Tgt Ion:	136	Resp:	481146
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.6	12.8
54	6.4	6.2	9.2
68	4.6	4.2	6.2

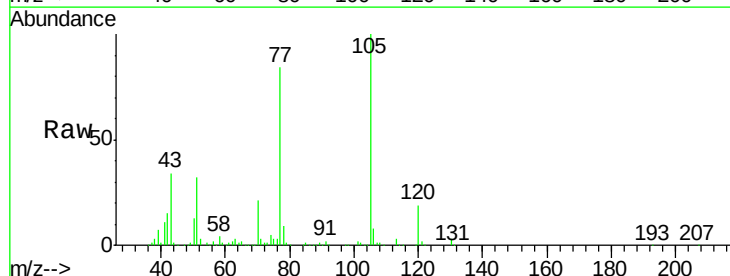


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

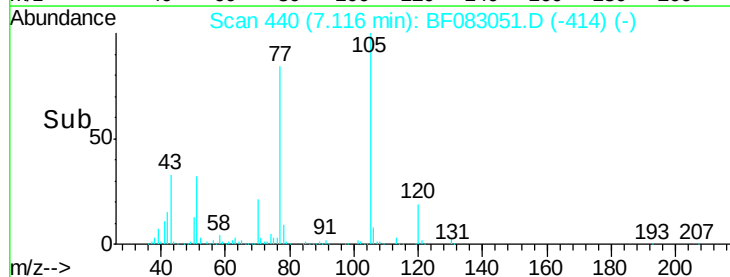
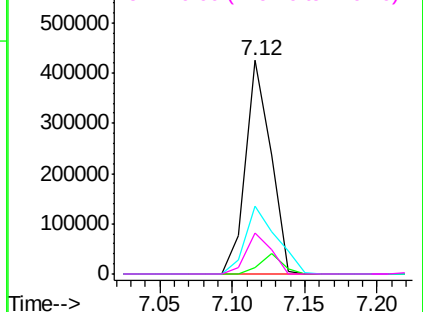


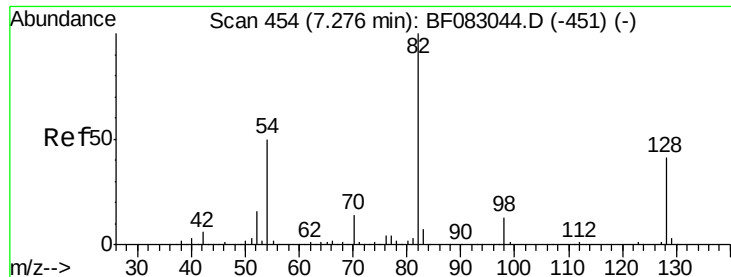
#22
Acetophenone
Concen: 37.99 ng
RT: 7.12 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF083051.D
Acq: 19 Nov 2015 23:06

Tgt Ion:	105	Resp:	511975
Ion	Ratio	Lower	Upper
105	100		
71	3.3	2.3	3.5
51	31.8	26.1	39.1
120	19.3	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

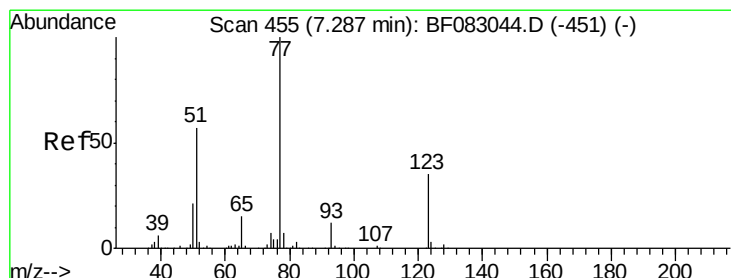
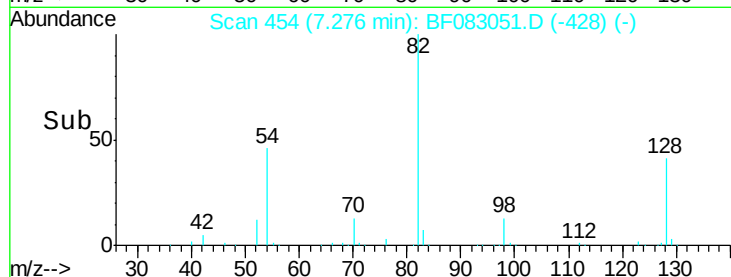
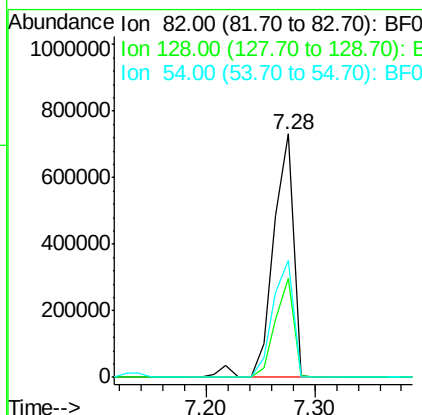
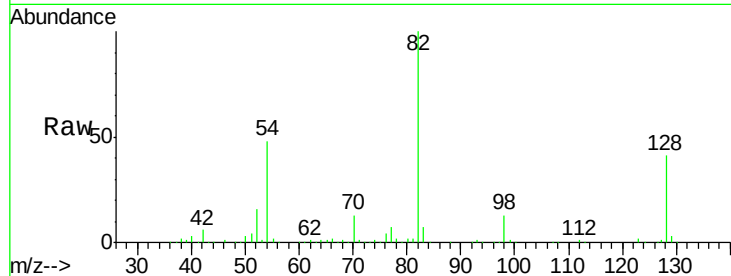




#23
 Nitrobenzene-d5
 Concen: 89.46 ng
 RT: 7.28 min Scan# 454
 Delta R.T. 0.00 min
 Lab File: BF083051.D
 Acq: 19 Nov 2015 23:06

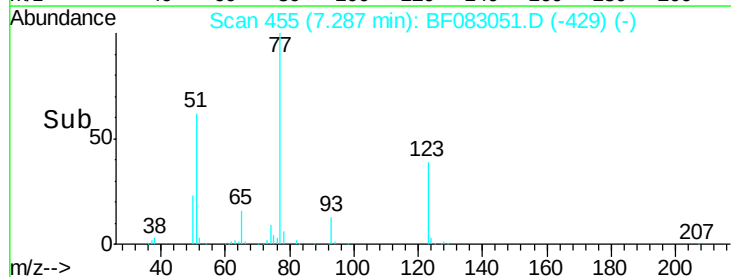
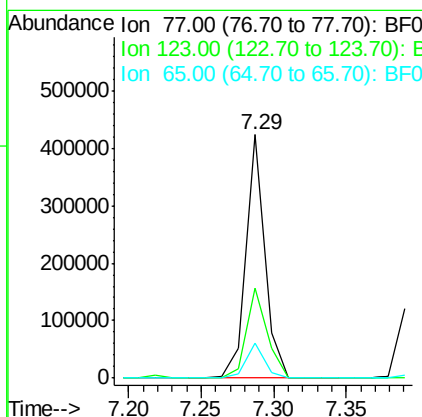
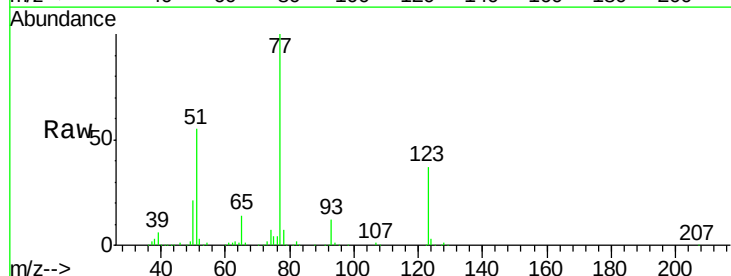
Instrument :
 BNA_F
 ClientSampleID :
 PB86753BS

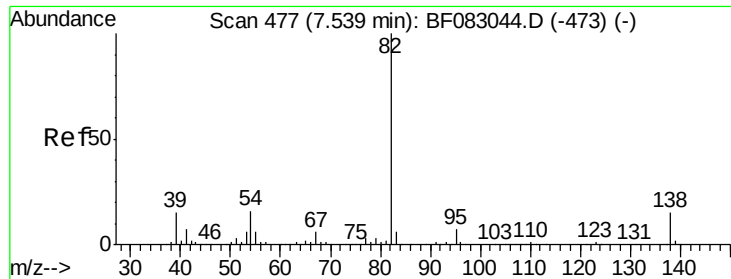
Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.8	33.1	49.7
54	47.8	39.8	59.6



#24
 Nitrobenzene
 Concen: 36.16 ng
 RT: 7.29 min Scan# 455
 Delta R.T. 0.00 min
 Lab File: BF083051.D
 Acq: 19 Nov 2015 23:06

Tgt Ion	Ratio	Lower	Upper
77	100		
123	37.1	28.2	42.4
65	14.3	11.8	17.8





#25

Isophorone

Concen: 38.90 ng

RT: 7.54 min Scan# 477

Delta R.T. 0.00 min

Lab File: BF083051.D

Acq: 19 Nov 2015 23:06

Instrument :

BNA_F

ClientSampleId :

PB86753BS

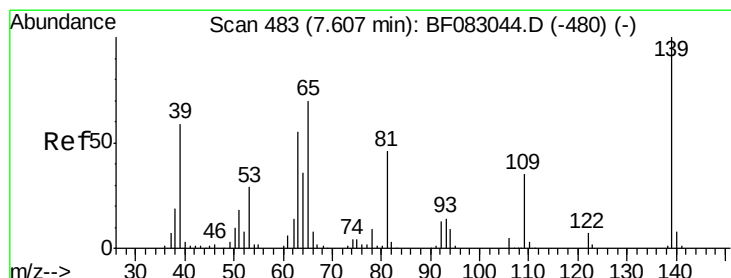
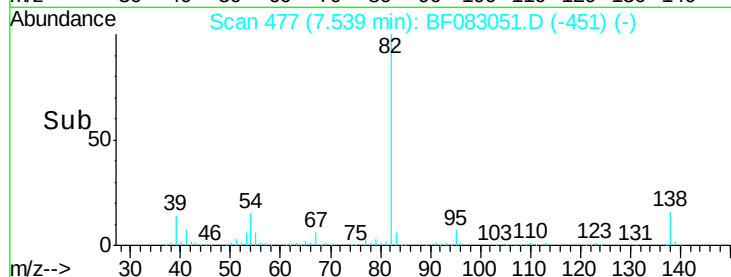
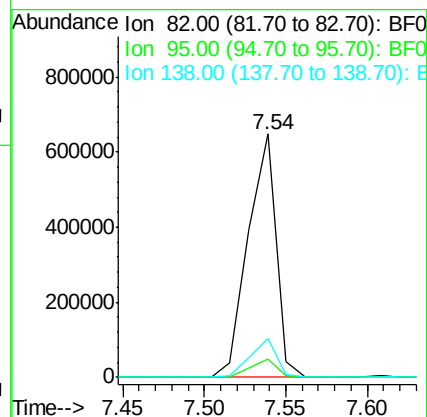
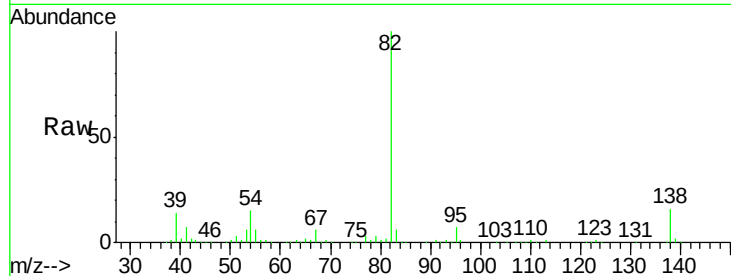
Tgt Ion: 82 Resp: 771099

Ion Ratio Lower Upper

82 100

95 7.5 5.7 8.5

138 16.0 12.2 18.4



#26

2-Nitrophenol

Concen: 37.08 ng

RT: 7.61 min Scan# 483

Delta R.T. 0.00 min

Lab File: BF083051.D

Acq: 19 Nov 2015 23:06

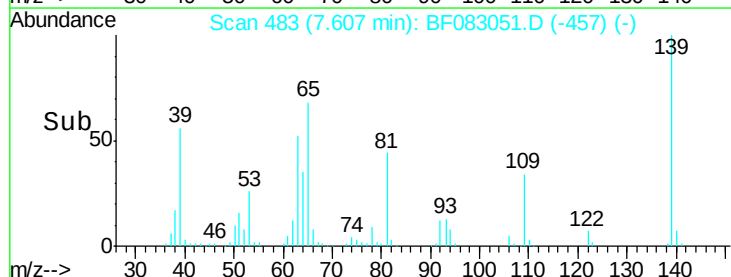
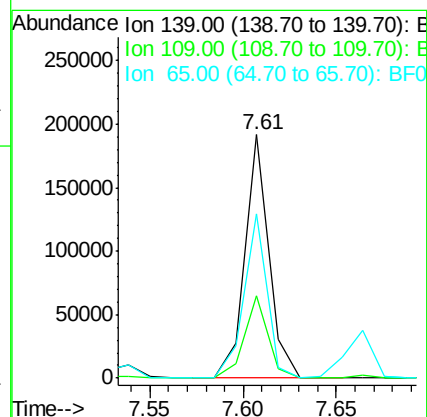
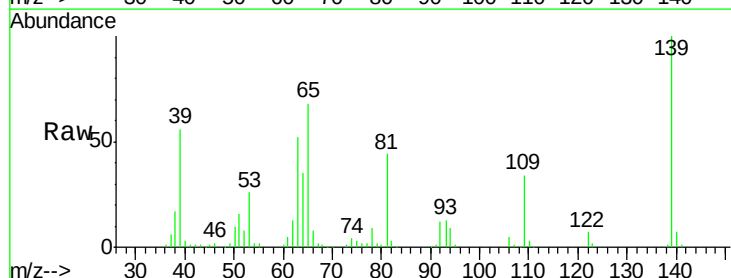
Tgt Ion: 139 Resp: 171948

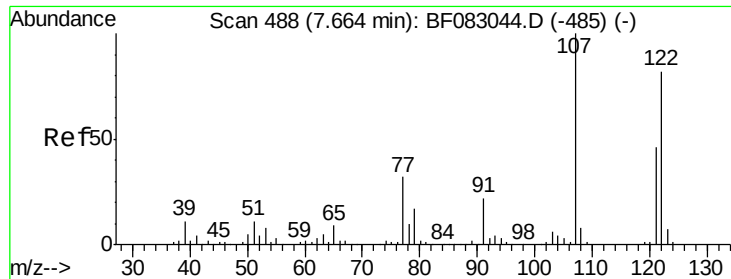
Ion Ratio Lower Upper

139 100

109 33.9 27.8 41.6

65 67.5 56.4 84.6

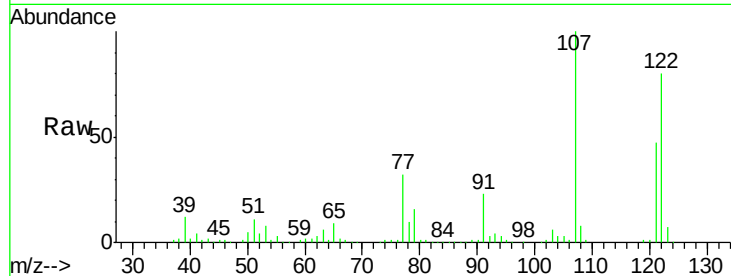




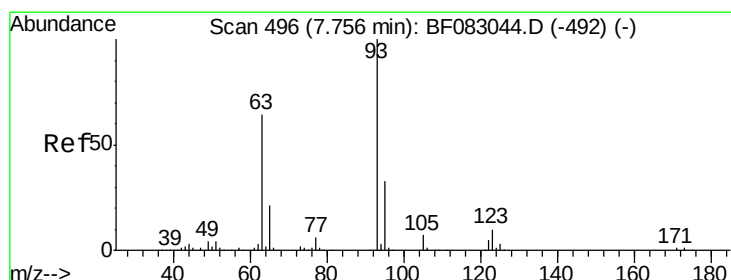
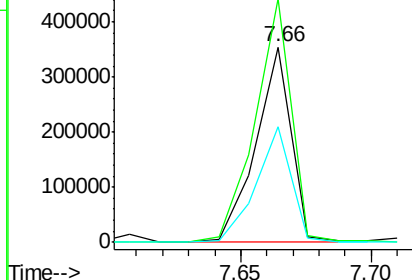
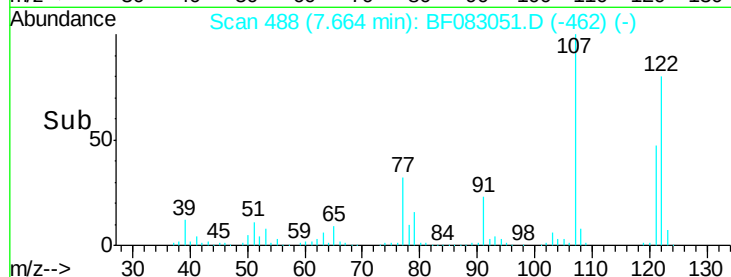
#27
 2,4-Dimethylphenol
 Concen: 44.13 ng
 RT: 7.66 min Scan# 488
 Delta R.T. 0.00 min
 Lab File: BF083051.D
 Acq: 19 Nov 2015 23:06

Instrument :
 BNA_F
 ClientSampleID :
 PB86753BS

Tgt Ion: 122 Resp: 338111
 Ion Ratio Lower Upper
 122 100
 107 124.8 97.5 146.3
 121 59.1 45.3 67.9

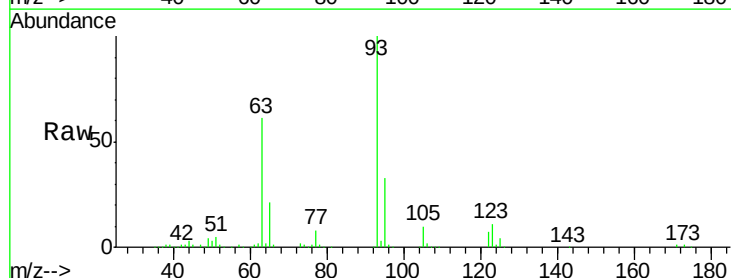


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

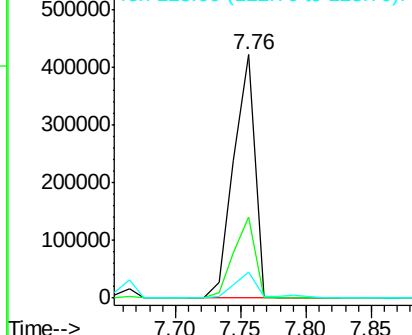
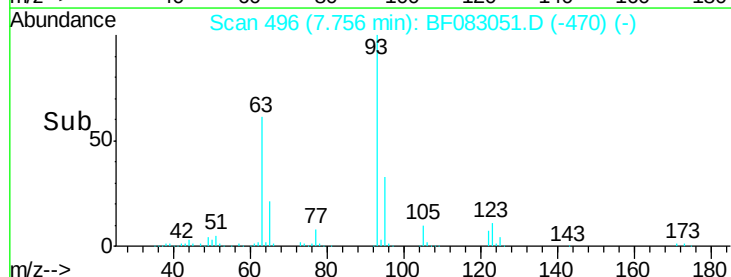


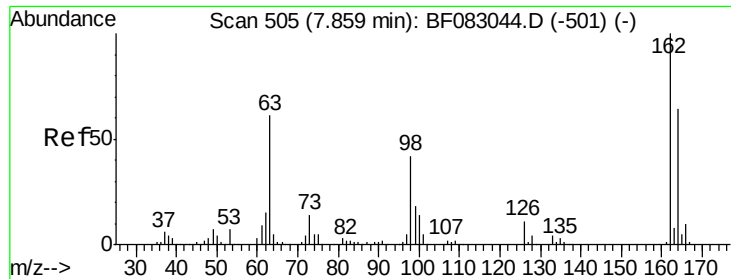
#28
 bis(2-Chloroethoxy)methane
 Concen: 42.85 ng
 RT: 7.76 min Scan# 496
 Delta R.T. 0.00 min
 Lab File: BF083051.D
 Acq: 19 Nov 2015 23:06

Tgt Ion: 93 Resp: 475878
 Ion Ratio Lower Upper
 93 100
 95 33.2 26.2 39.2
 123 10.8 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

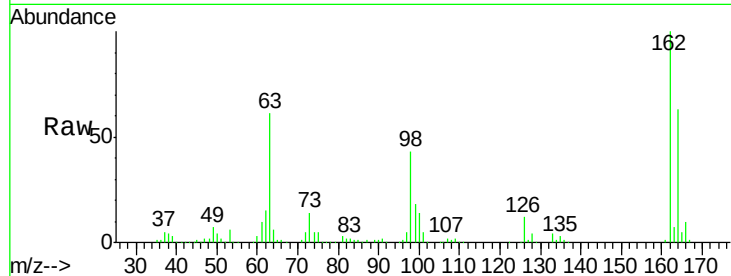




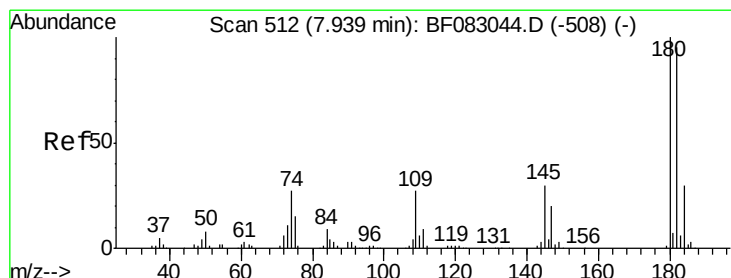
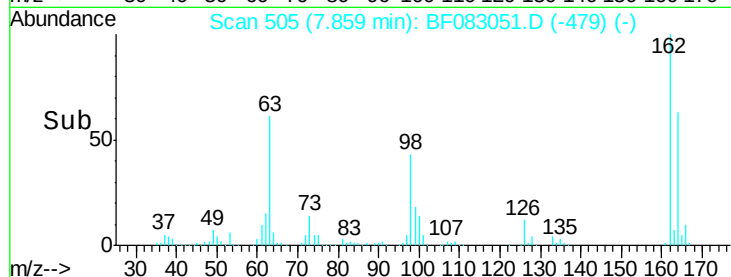
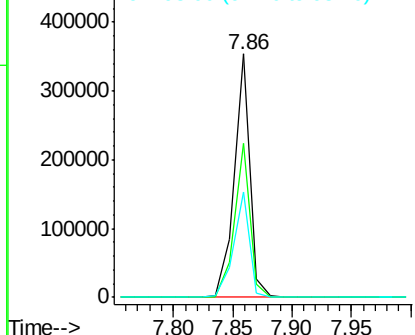
#29
 2,4-Dichlorophenol
 Concen: 43.44 ng
 RT: 7.86 min Scan# 505
 Delta R.T. 0.00 min
 Lab File: BF083051.D
 Acq: 19 Nov 2015 23:06

Instrument :
 BNA_F
 ClientSampleId :
 PB86753BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.4	44.1	84.1
98	43.0	21.6	61.6

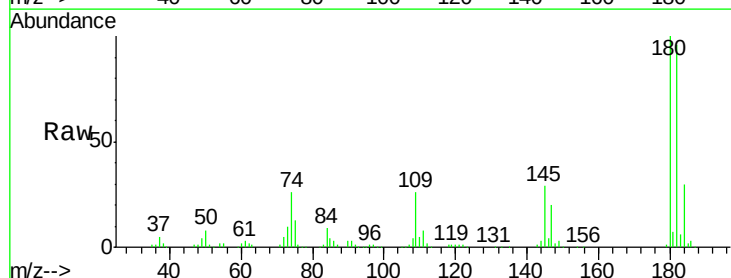


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

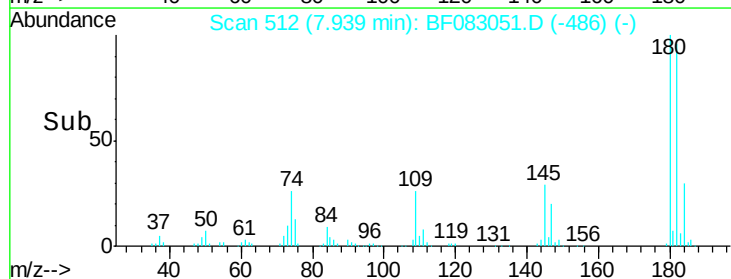
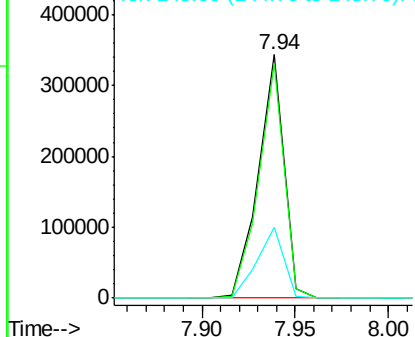


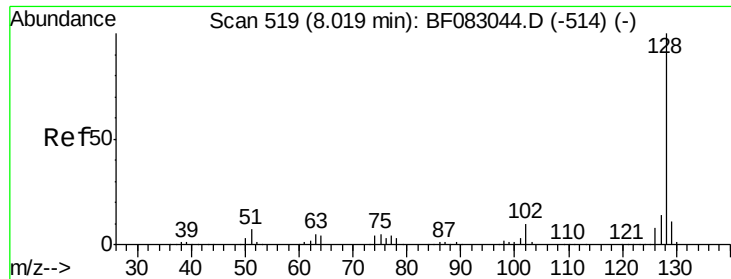
#30
 1,2,4-Trichlorobenzene
 Concen: 39.72 ng
 RT: 7.94 min Scan# 512
 Delta R.T. -0.00 min
 Lab File: BF083051.D
 Acq: 19 Nov 2015 23:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	76.2	114.4
145	29.0	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

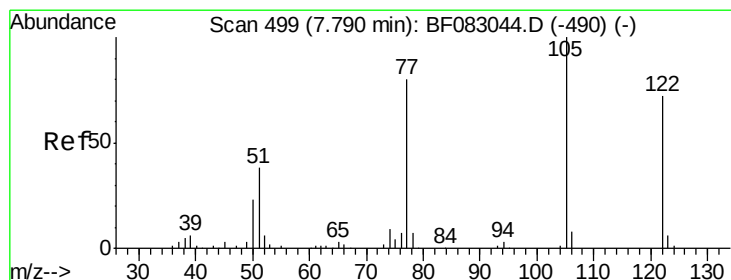
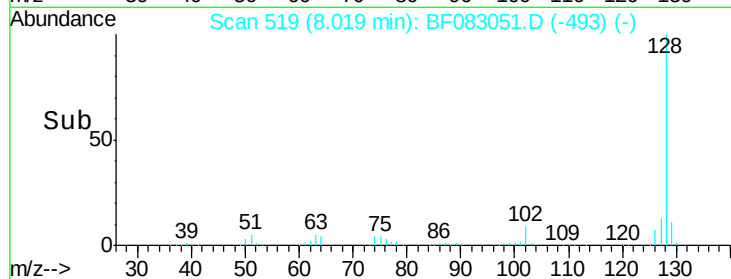
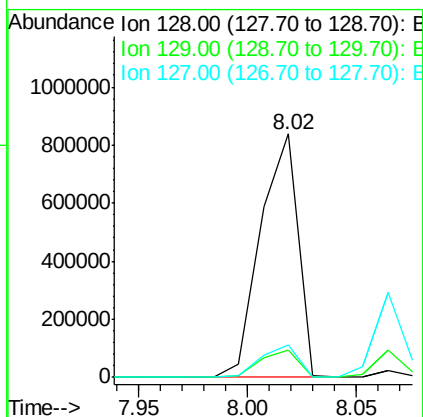
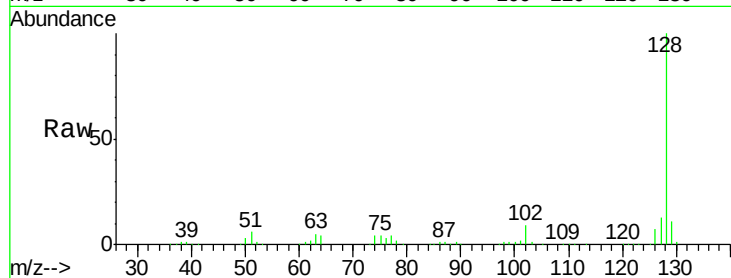




#31
Naphthalene
Concen: 40.41 ng
RT: 8.02 min Scan# 519
Delta R.T. 0.00 min
Lab File: BF083051.D
Acq: 19 Nov 2015 23:06

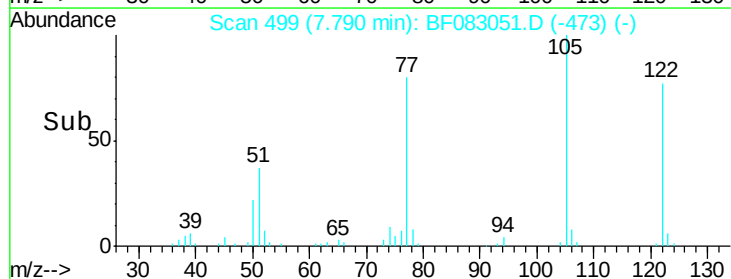
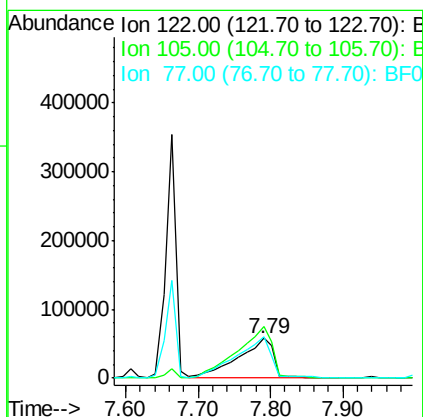
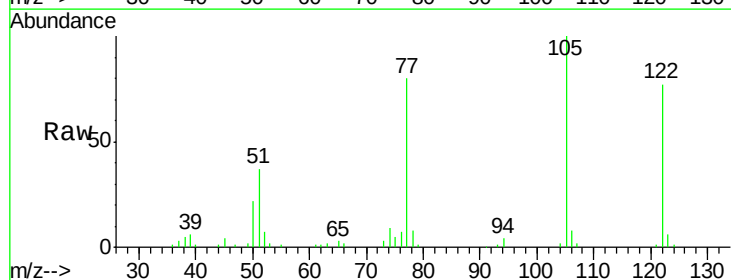
Instrument :
BNA_F
ClientSampleId :
PB86753BS

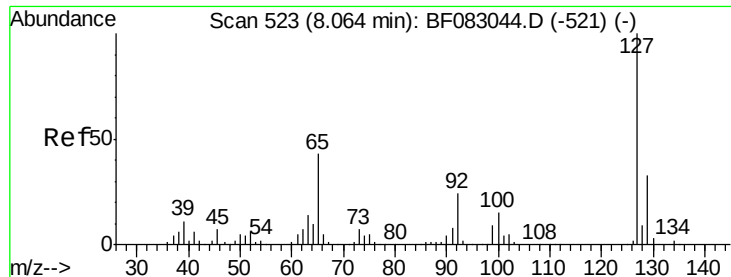
Tgt Ion:128 Resp: 1013080
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.4
127 13.1 10.9 16.3



#32
Benzoic acid
Concen: 42.00 ng
RT: 7.79 min Scan# 499
Delta R.T. -0.00 min
Lab File: BF083051.D
Acq: 19 Nov 2015 23:06

Tgt Ion:122 Resp: 195739
Ion Ratio Lower Upper
122 100
105 129.9 115.0 155.0
77 103.7 89.0 129.0

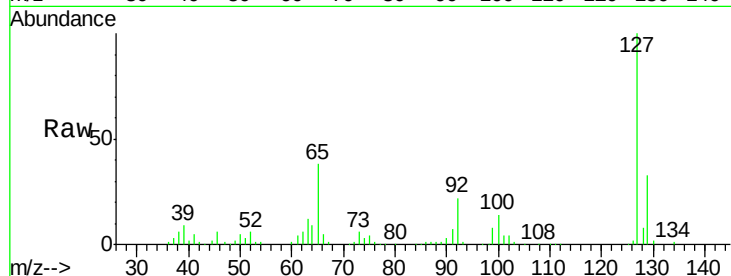




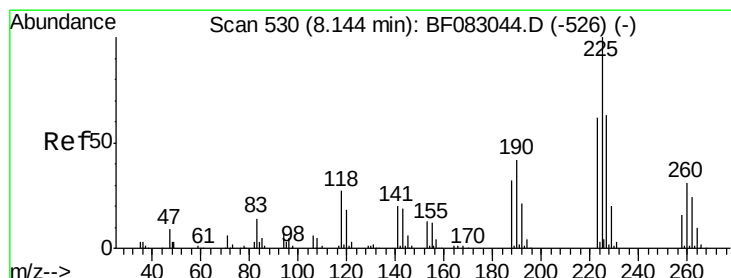
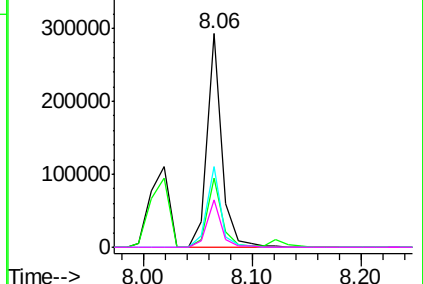
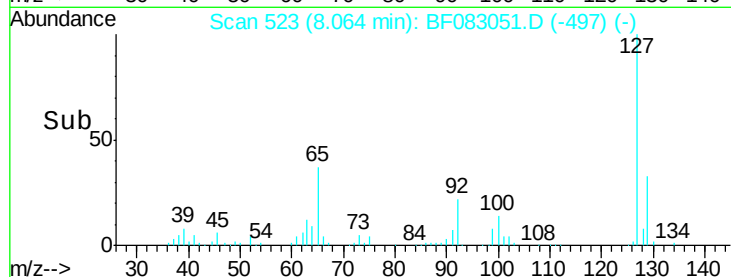
#33
4-Chloroaniline
Concen: 25.56 ng
RT: 8.06 min Scan# 523
Delta R.T. 0.00 min
Lab File: BF083051.D
Acq: 19 Nov 2015 23:06

Instrument :
BNA_F
ClientSampleId :
PB86753BS

Tgt Ion:	127	Resp:	278664
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.1	39.1
65	38.0	34.4	51.6
92	22.2	19.5	29.3

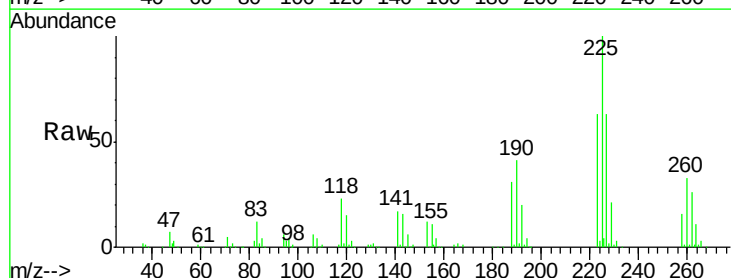


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

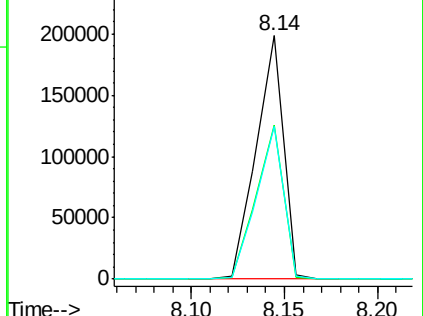
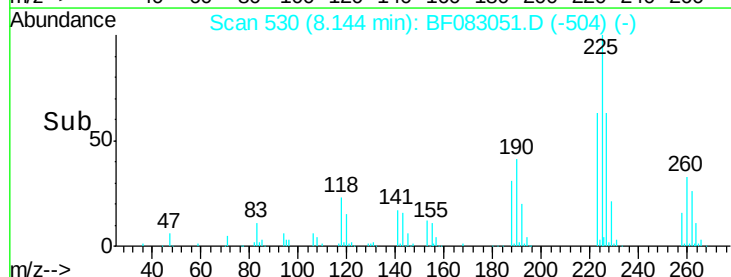


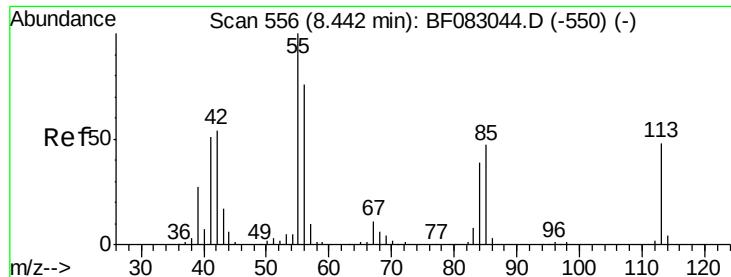
#34
Hexachlorobutadiene
Concen: 38.93 ng
RT: 8.14 min Scan# 530
Delta R.T. 0.00 min
Lab File: BF083051.D
Acq: 19 Nov 2015 23:06

Tgt Ion:	225	Resp:	200129
Ion	Ratio	Lower	Upper
225	100		
223	63.2	49.8	74.6
227	62.7	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

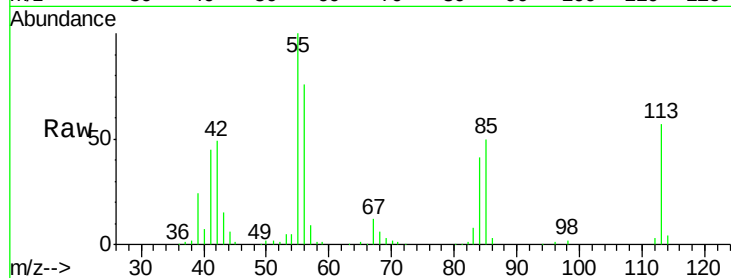




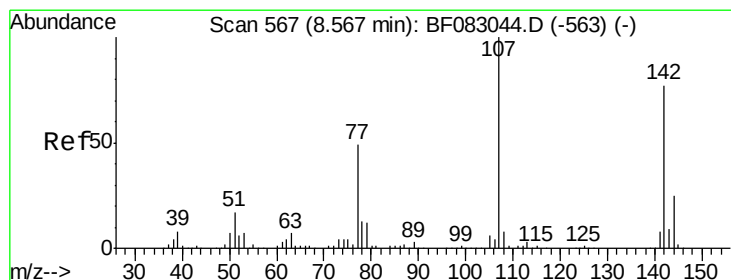
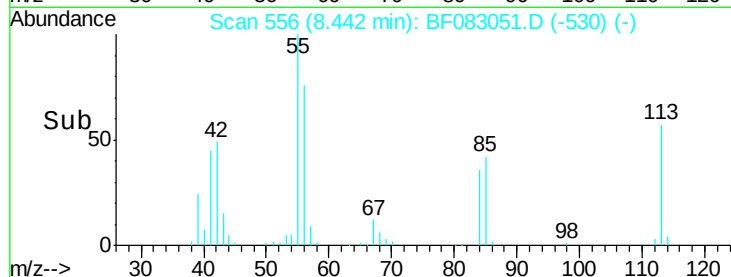
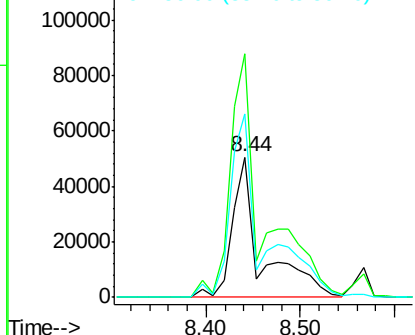
#35
 Caprolactam
 Concen: 46.22 ng m
 RT: 8.44 min Scan# 556
 Delta R.T. 0.00 min
 Lab File: BF083051.D
 Acq: 19 Nov 2015 23:06

Instrument :
 BNA_F
 ClientSampleId :
 PB86753BS

Tgt Ion:113 Resp: 109116
 Ion Ratio Lower Upper
 113 100
 55 173.9 189.1 229.1#
 56 131.4 137.9 177.9#

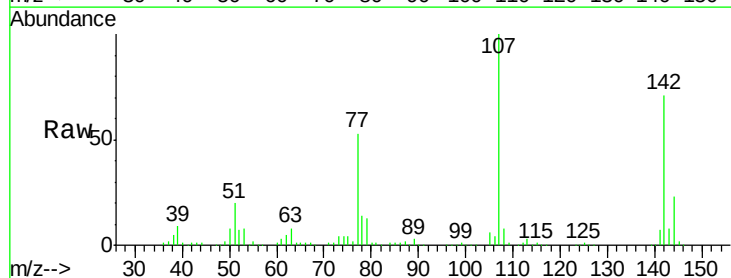


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

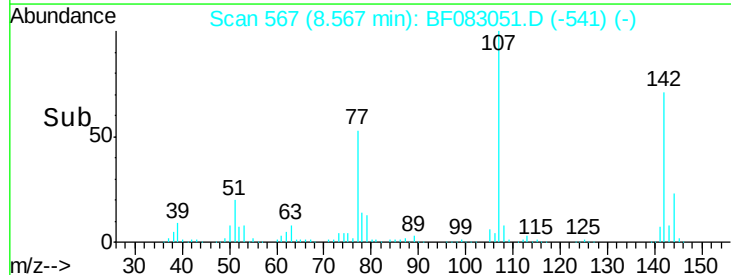
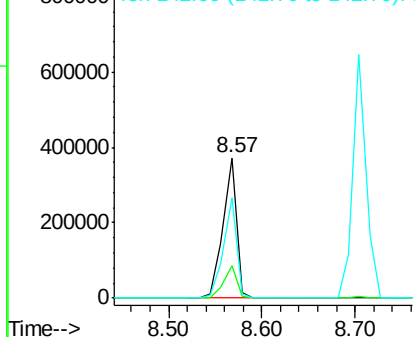


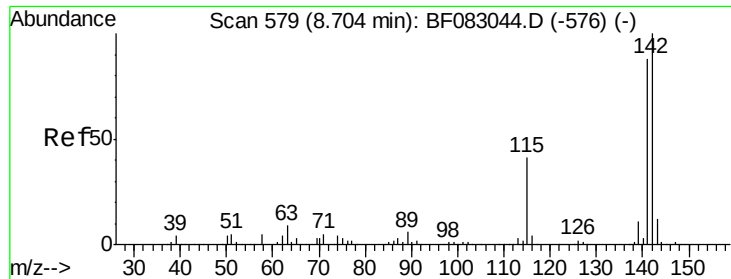
#36
 4-Chloro-3-methylphenol
 Concen: 43.82 ng
 RT: 8.57 min Scan# 567
 Delta R.T. -0.00 min
 Lab File: BF083051.D
 Acq: 19 Nov 2015 23:06

Tgt Ion:107 Resp: 376245
 Ion Ratio Lower Upper
 107 100
 144 22.8 20.0 30.0
 142 71.5 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

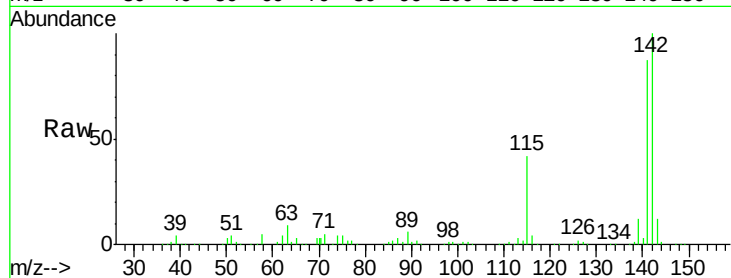




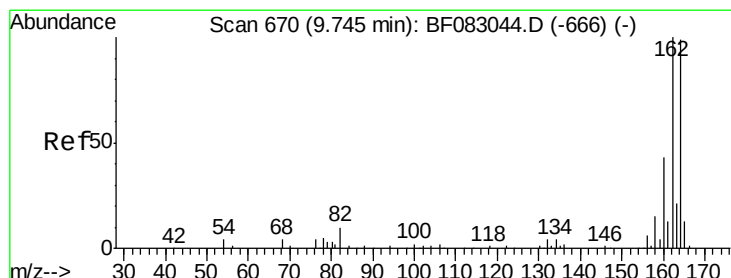
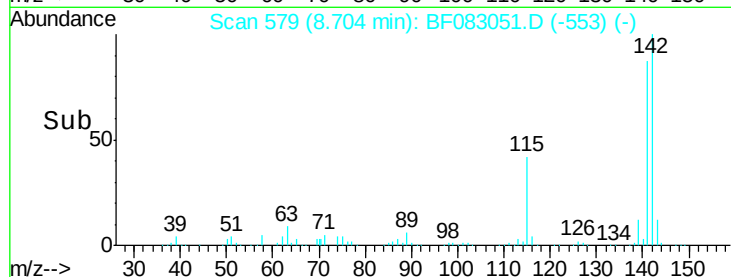
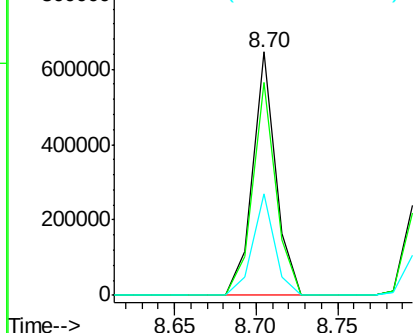
#37
 2-Methylnaphthalene
 Concen: 38.14 ng
 RT: 8.70 min Scan# 579
 Delta R.T. 0.00 min
 Lab File: BF083051.D
 Acq: 19 Nov 2015 23:06

Instrument :
 BNA_F
 ClientSampled :
 PB86753BS

Tgt Ion:142 Resp: 636486
 Ion Ratio Lower Upper
 142 100
 141 87.4 70.7 106.1
 115 41.5 33.1 49.7

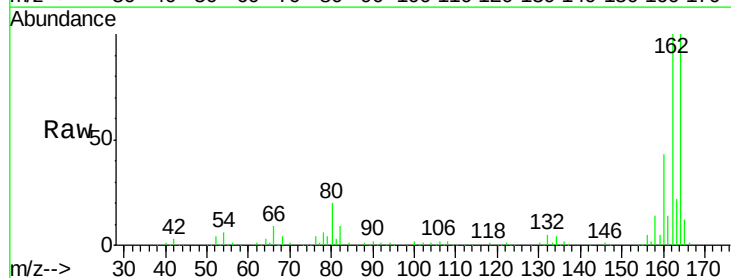


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

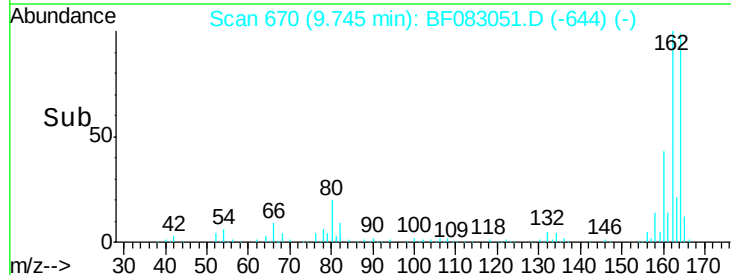
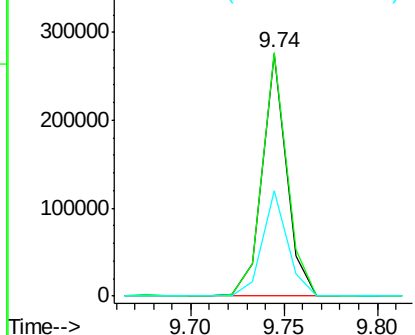


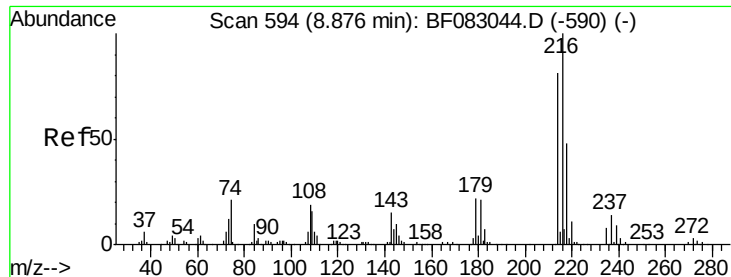
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.74 min Scan# 670
 Delta R.T. 0.00 min
 Lab File: BF083051.D
 Acq: 19 Nov 2015 23:06

Tgt Ion:164 Resp: 246340
 Ion Ratio Lower Upper
 164 100
 162 100.4 80.5 120.7
 160 43.6 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: 37.88 ng

RT: 8.88 min Scan# 594

Delta R.T. 0.00 min

Lab File: BF083051.D

Acq: 19 Nov 2015 23:06

Instrument :

BNA_F

ClientSampleId :

PB86753BS

Tgt Ion:216 Resp: 307722

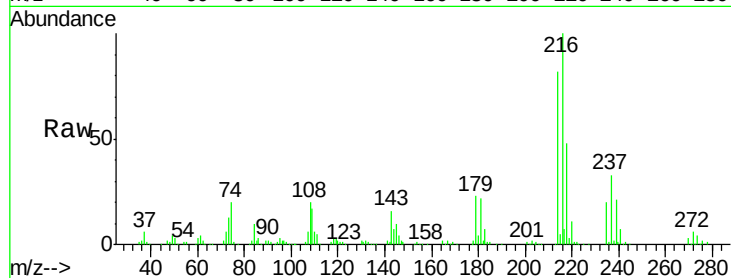
Ion Ratio Lower Upper

216 100

214 80.7 64.6 97.0

179 22.8 17.8 26.6

108 23.3 16.8 25.2

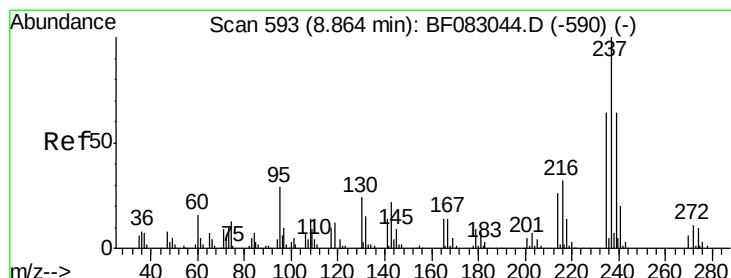
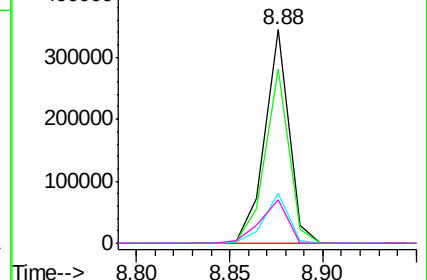
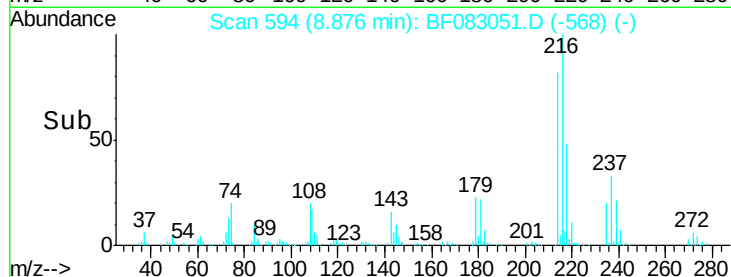


Abundance Ion 216.00 (215.70 to 216.70): E

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: 82.10 ng

RT: 8.86 min Scan# 593

Delta R.T. 0.00 min

Lab File: BF083051.D

Acq: 19 Nov 2015 23:06

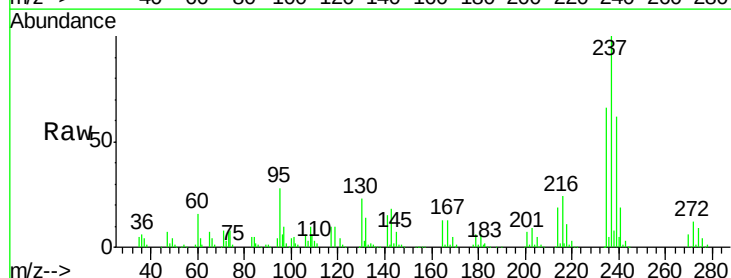
Tgt Ion:237 Resp: 310749

Ion Ratio Lower Upper

237 100

235 65.6 44.1 84.1

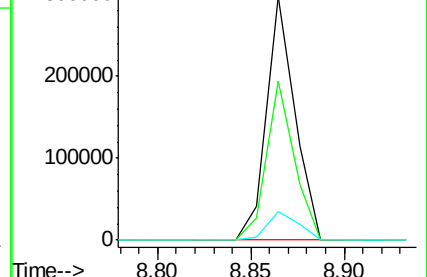
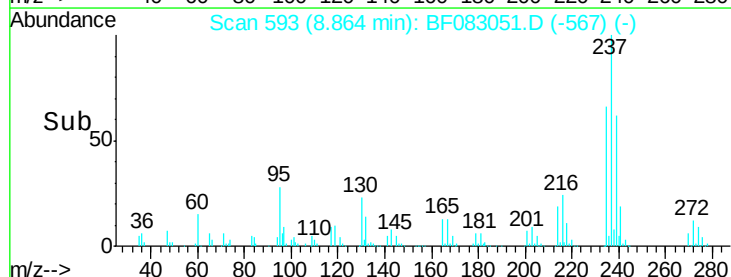
272 11.5 0.0 30.9

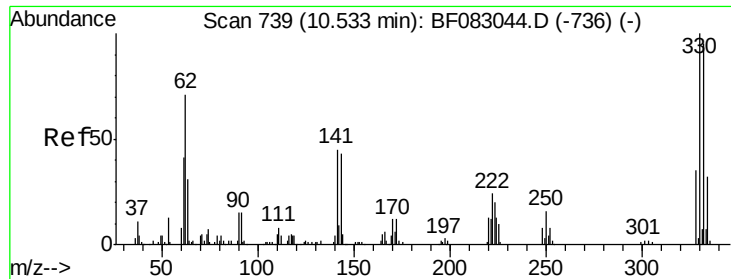


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

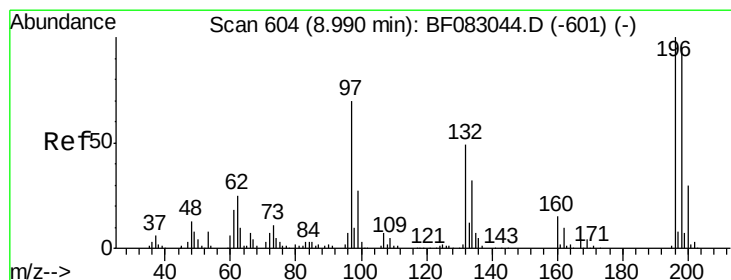
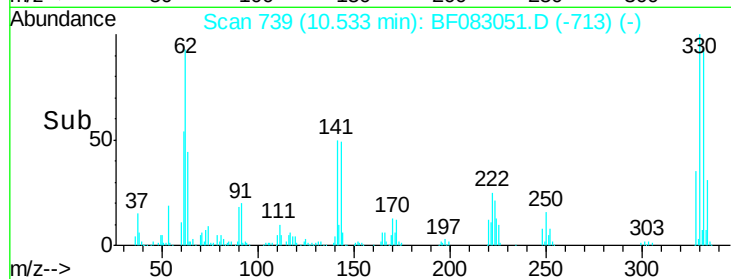
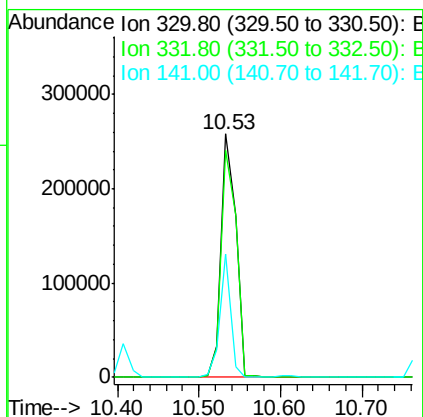
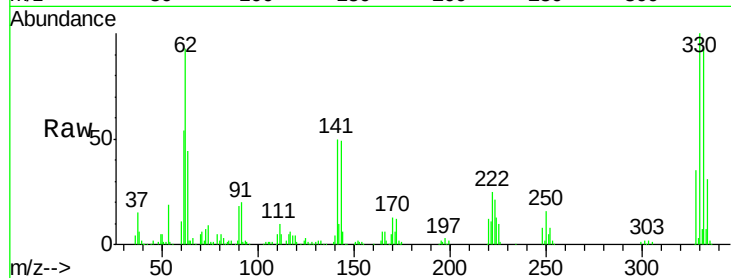




#41
 2,4,6-Tribromophenol
 Concen: 123.48 ng
 RT: 10.53 min Scan# 739
 Delta R.T. 0.00 min
 Lab File: BF083051.D
 Acq: 19 Nov 2015 23:06

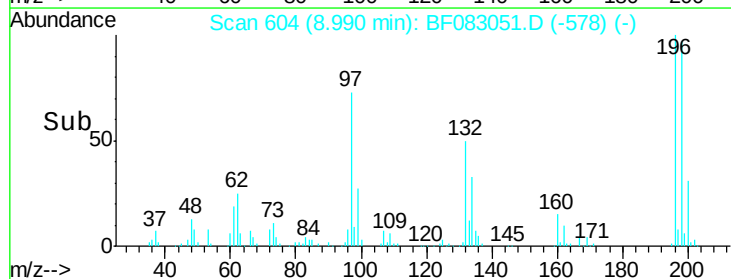
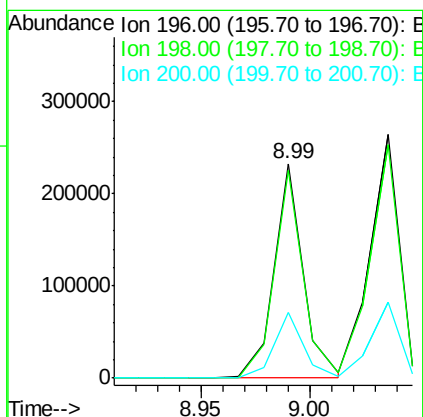
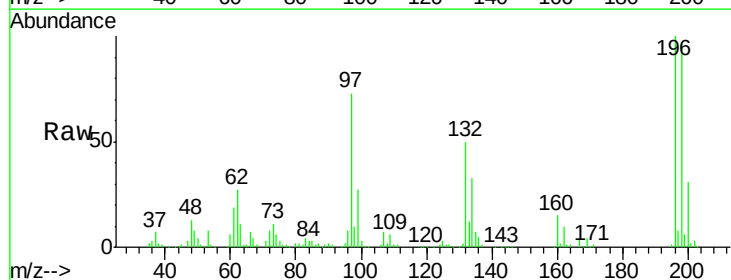
Instrument :
 BNA_F
 ClientSampleId :
 PB86753BS

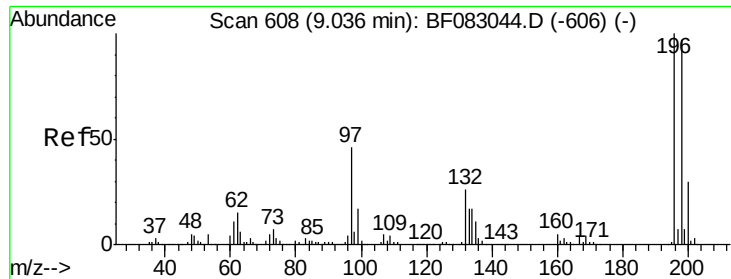
Tgt Ion:330 Resp: 322964
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.6 116.4
 141 37.1 34.6 52.0



#42
 2,4,6-Trichlorophenol
 Concen: 37.12 ng
 RT: 8.99 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: BF083051.D
 Acq: 19 Nov 2015 23:06

Tgt Ion:196 Resp: 218777
 Ion Ratio Lower Upper
 196 100
 198 96.9 75.9 113.9
 200 30.7 24.0 36.0

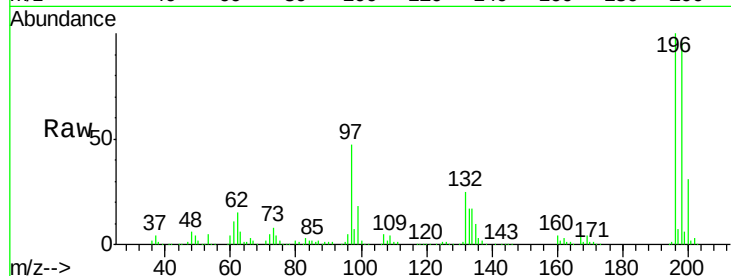




#43
 2,4,5-Trichlorophenol
 Concen: 42.65 ng
 RT: 9.04 min Scan# 608
 Delta R.T. 0.00 min
 Lab File: BF083051.D
 Acq: 19 Nov 2015 23:06

Instrument :
 BNA_F
 ClientSampleId :
 PB86753BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.8	77.8	116.6
97	46.7	37.1	55.7
132	25.0	21.0	31.4



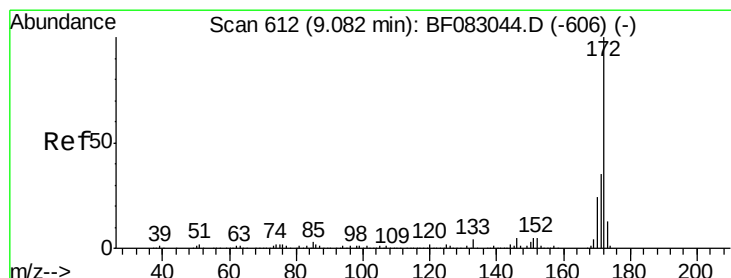
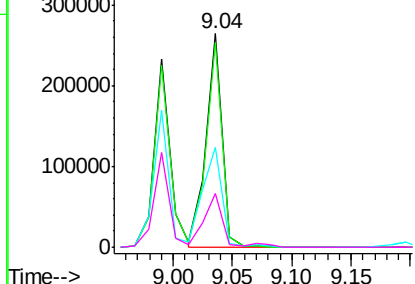
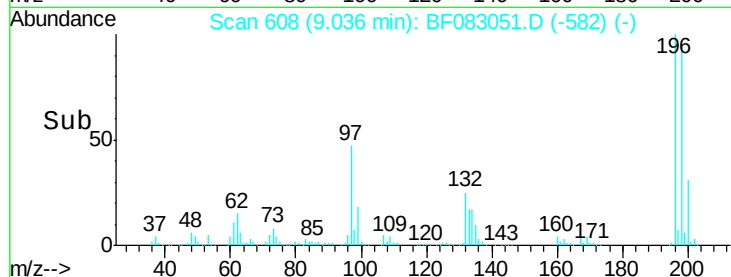
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

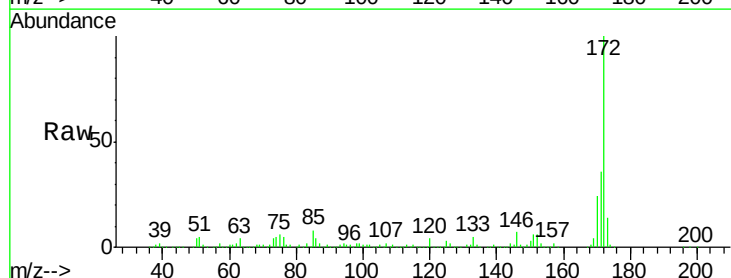
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 77.92 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF083051.D
 Acq: 19 Nov 2015 23:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.2	42.4
170	23.8	19.4	29.0

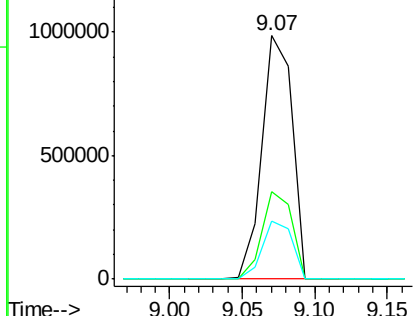
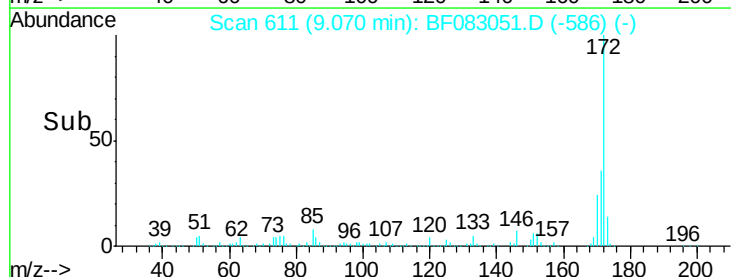


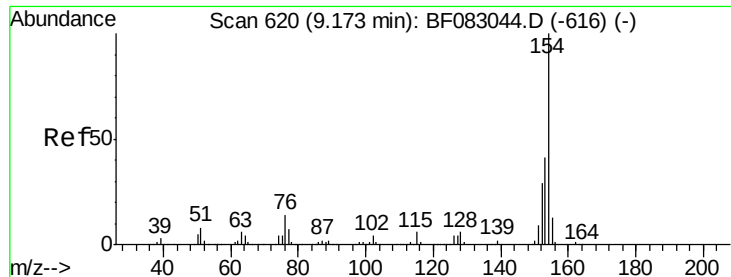
Abundance

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: 37.66 ng

RT: 9.17 min Scan# 620

Delta R.T. 0.00 min

Lab File: BF083051.D

Acq: 19 Nov 2015 23:06

Instrument :

BNA_F

ClientSampleId :

PB86753BS

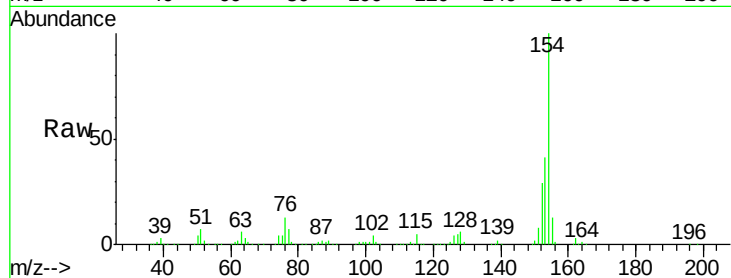
Tgt Ion:154 Resp: 816274

Ion Ratio Lower Upper

154 100

153 41.1 20.7 60.7

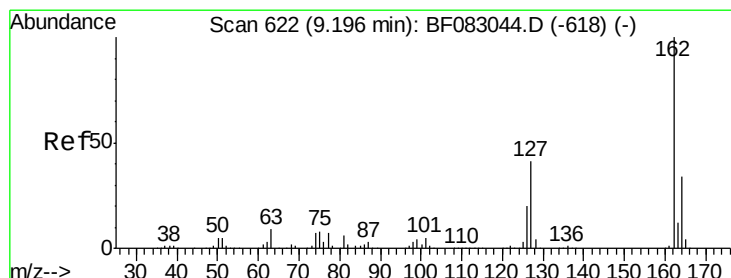
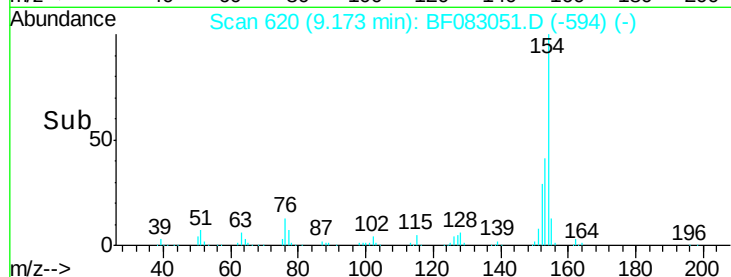
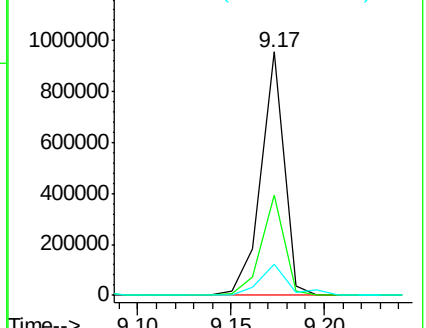
76 13.0 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): E



#46

2-Chloronaphthalene

Concen: 41.50 ng

RT: 9.20 min Scan# 622

Delta R.T. -0.00 min

Lab File: BF083051.D

Acq: 19 Nov 2015 23:06

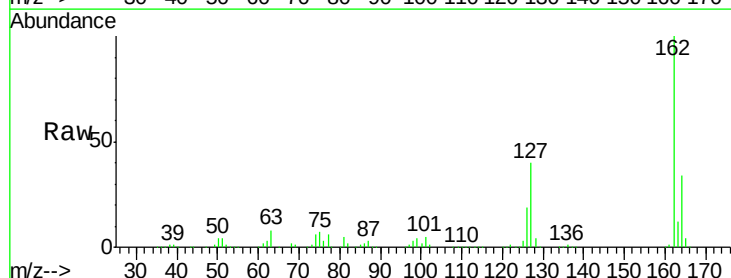
Tgt Ion:162 Resp: 684271

Ion Ratio Lower Upper

162 100

127 40.2 32.8 49.2

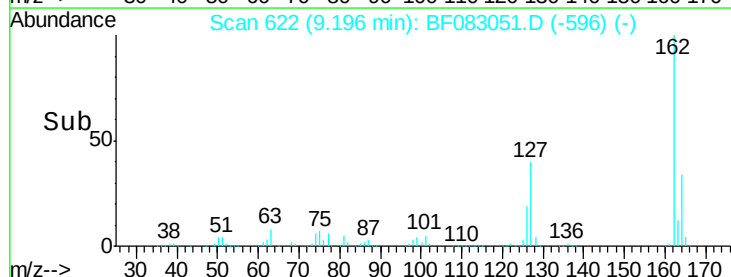
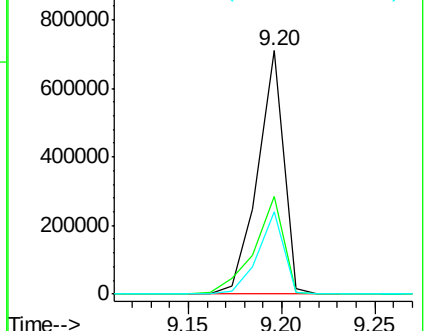
164 34.1 26.9 40.3

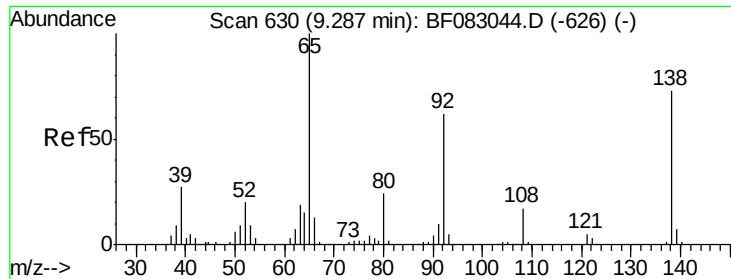


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 35.14 ng

RT: 9.29 min Scan# 630

Delta R.T. 0.00 min

Lab File: BF083051.D

Acq: 19 Nov 2015 23:06

Instrument :

BNA_F

ClientSampleId :

PB86753BS

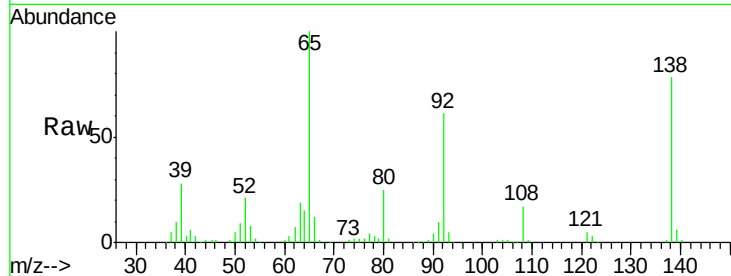
Tgt Ion: 65 Resp: 218599

Ion Ratio Lower Upper

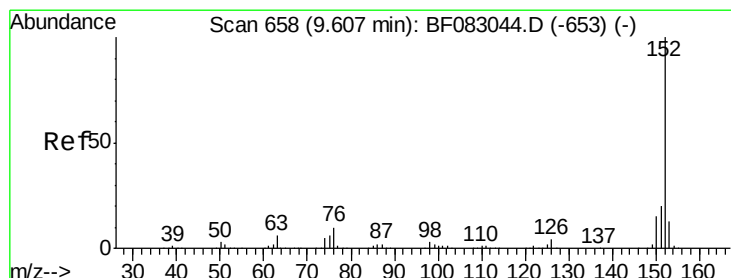
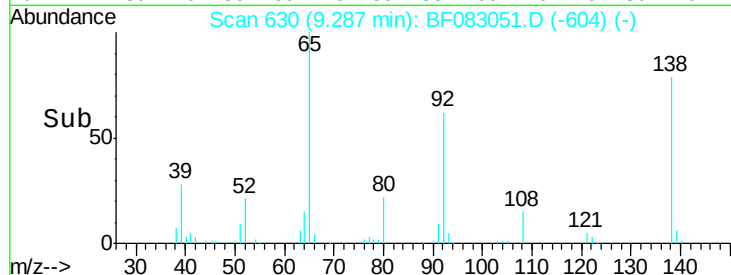
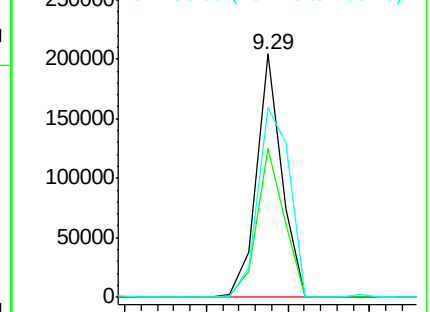
65 100

92 61.4 49.6 74.4

138 77.9 58.8 88.2



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



#48

Acenaphthylene

Concen: 38.60 ng

RT: 9.61 min Scan# 658

Delta R.T. 0.00 min

Lab File: BF083051.D

Acq: 19 Nov 2015 23:06

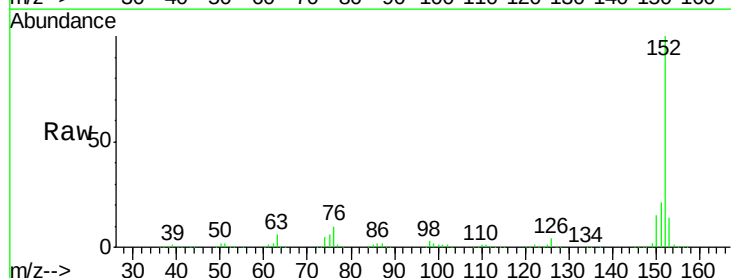
Tgt Ion: 152 Resp: 1047846

Ion Ratio Lower Upper

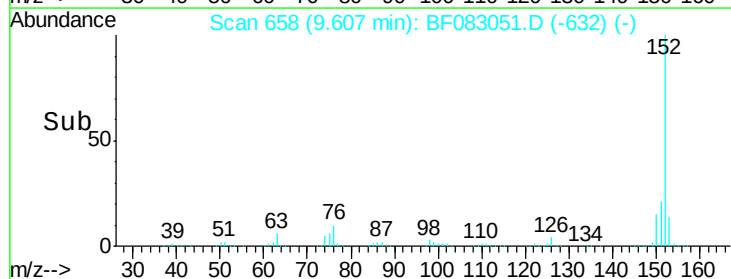
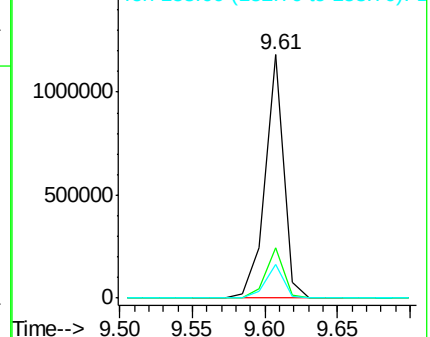
152 100

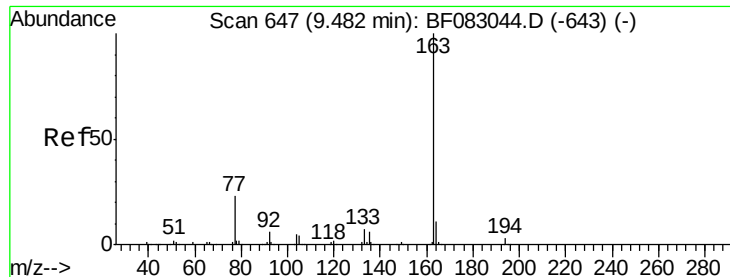
151 20.9 16.2 24.2

153 13.9 10.6 15.8



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

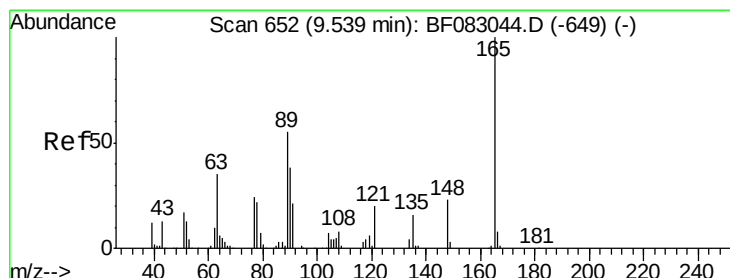
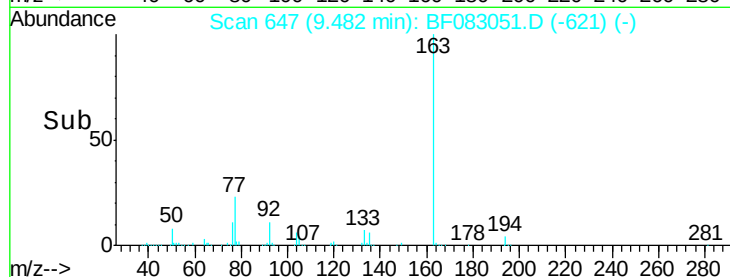
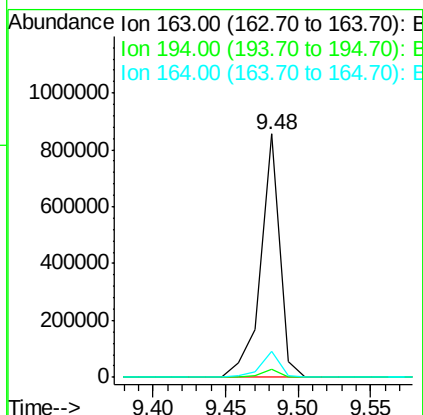
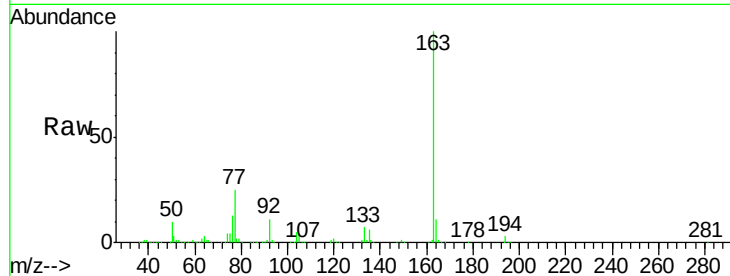




#49
Dimethylphthalate
Concen: 38.22 ng
RT: 9.48 min Scan# 647
Delta R.T. 0.00 min
Lab File: BF083051.D
Acq: 19 Nov 2015 23:06

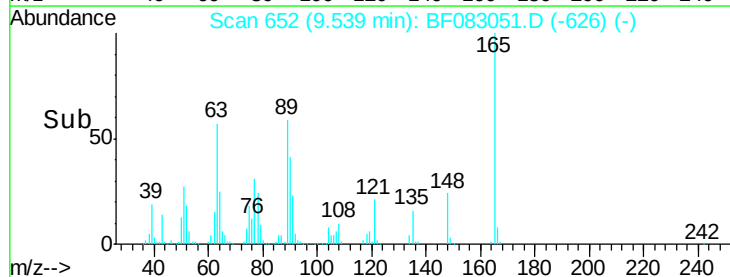
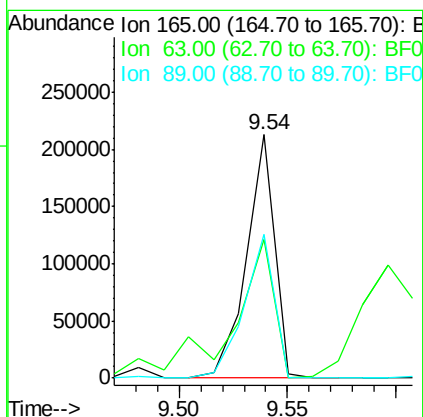
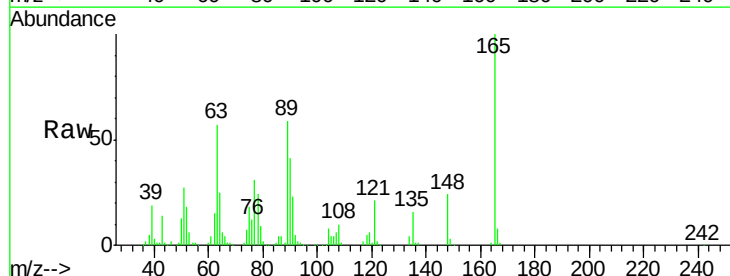
Instrument :
BNA_F
ClientSampleId :
PB86753BS

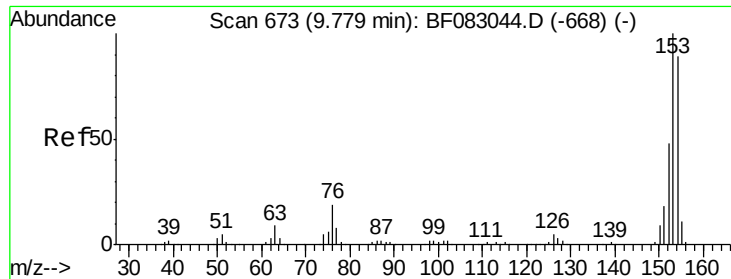
Tgt Ion:163 Resp: 774805
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.5 8.5 12.7



#50
2,6-Dinitrotoluene
Concen: 43.49 ng
RT: 9.54 min Scan# 652
Delta R.T. 0.00 min
Lab File: BF083051.D
Acq: 19 Nov 2015 23:06

Tgt Ion:165 Resp: 190067
Ion Ratio Lower Upper
165 100
63 57.0 40.6 61.0
89 59.2 44.5 66.7





#51

Acenaphthene

Concen: 36.43 ng

RT: 9.78 min Scan# 673

Delta R.T. -0.00 min

Lab File: BF083051.D

Acq: 19 Nov 2015 23:06

Instrument :

BNA_F

ClientSampleId :

PB86753BS

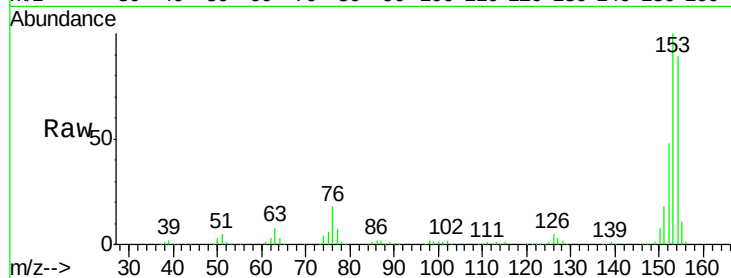
Tgt Ion:154 Resp: 624883

Ion Ratio Lower Upper

154 100

153 111.9 90.1 135.1

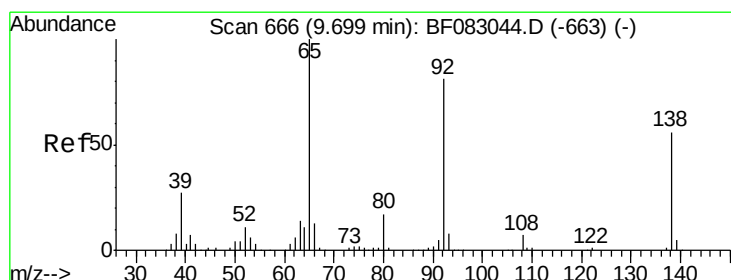
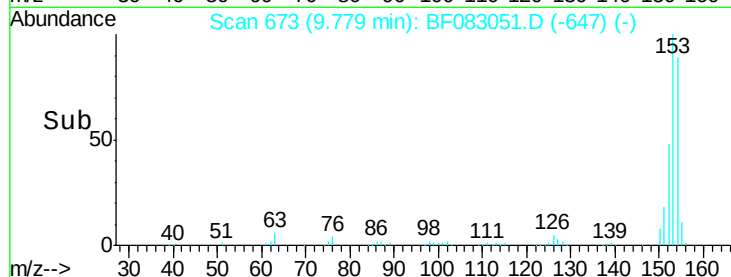
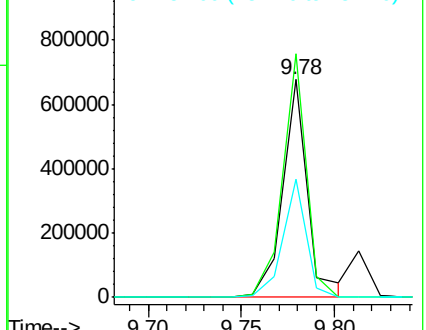
152 54.2 43.3 64.9



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: 23.05 ng

RT: 9.70 min Scan# 666

Delta R.T. 0.00 min

Lab File: BF083051.D

Acq: 19 Nov 2015 23:06

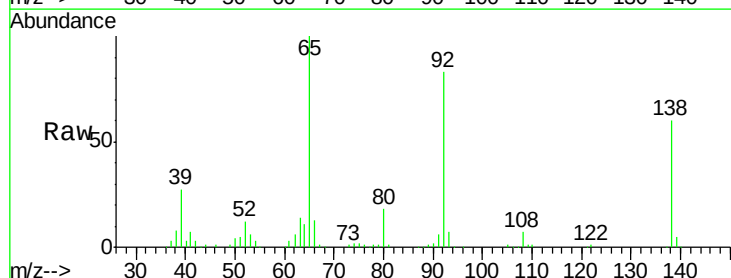
Tgt Ion:138 Resp: 114931

Ion Ratio Lower Upper

138 100

108 11.0 9.4 14.0

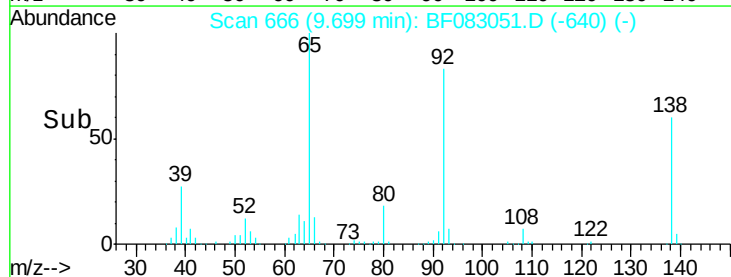
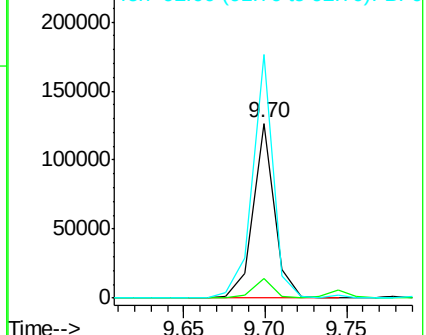
92 139.1 115.2 172.8

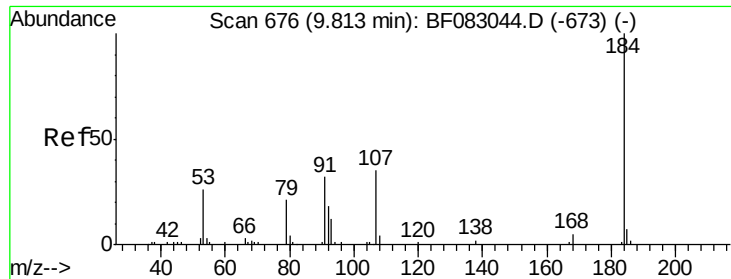


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

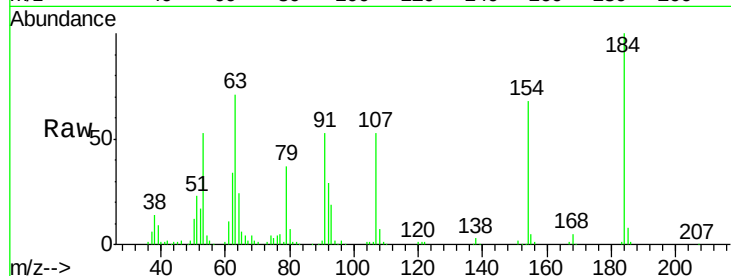




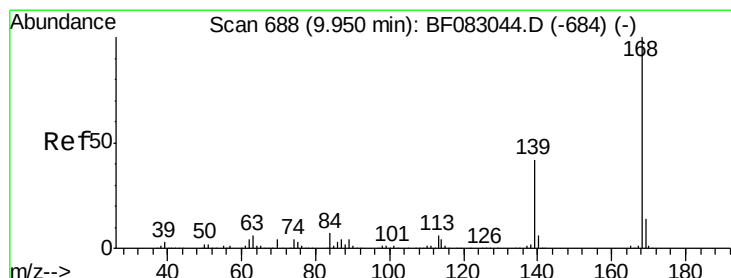
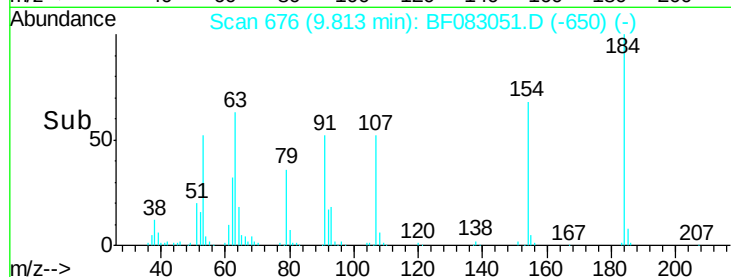
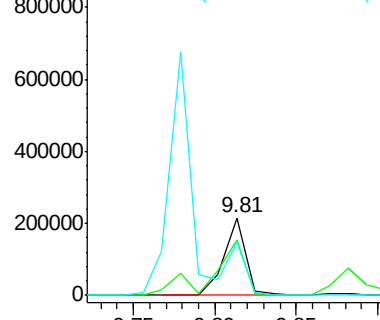
#53
2,4-Dinitrophenol
Concen: 90.55 ng
RT: 9.81 min Scan# 676
Delta R.T. 0.00 min
Lab File: BF083051.D
Acq: 19 Nov 2015 23:06

Instrument :
BNA_F
ClientSampleId :
PB86753BS

Tgt Ion:184 Resp: 201669
Ion Ratio Lower Upper
184 100
63 70.8 30.4 45.6#
154 67.8 44.9 67.3#

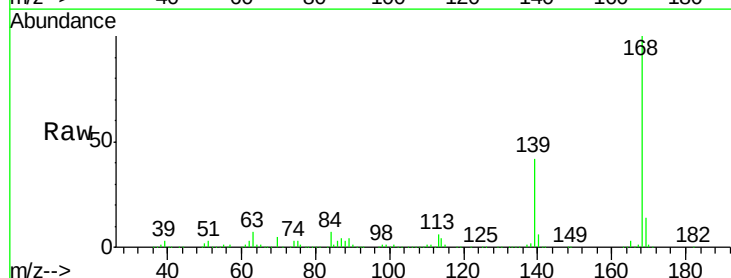


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

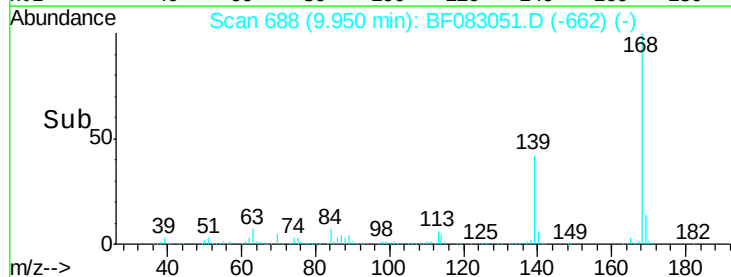
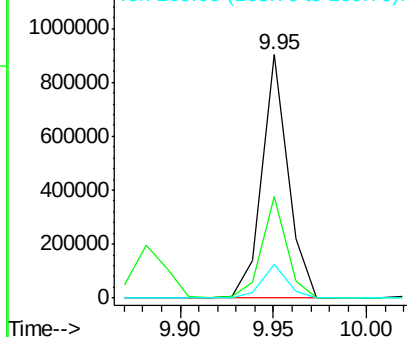


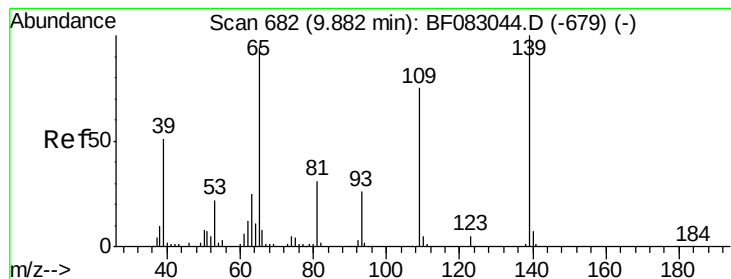
#54
Dibenzofuran
Concen: 37.87 ng
RT: 9.95 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF083051.D
Acq: 19 Nov 2015 23:06

Tgt Ion:168 Resp: 870482
Ion Ratio Lower Upper
168 100
139 41.5 33.5 50.3
169 14.0 11.2 16.8



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 72.46 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.00 min

Lab File: BF083051.D

Acq: 19 Nov 2015 23:06

Instrument :

BNA_F

ClientSampleId :

PB86753BS

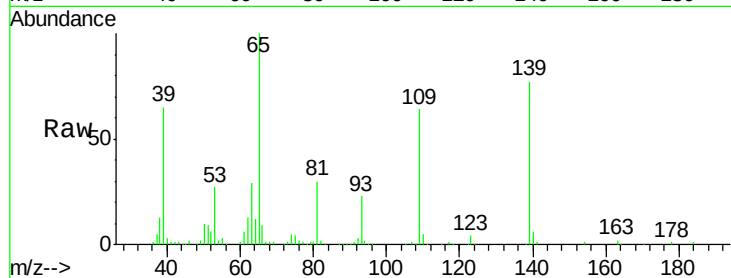
Tgt Ion:139 Resp: 247974

Ion Ratio Lower Upper

139 100

109 83.3 54.6 94.6

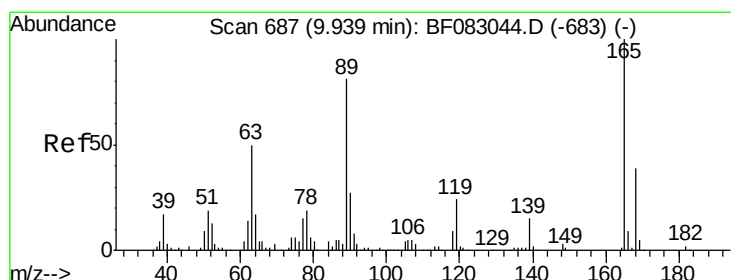
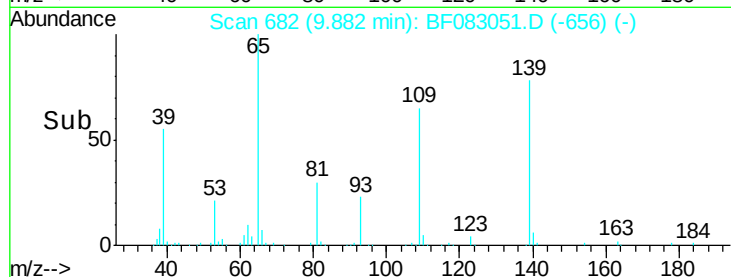
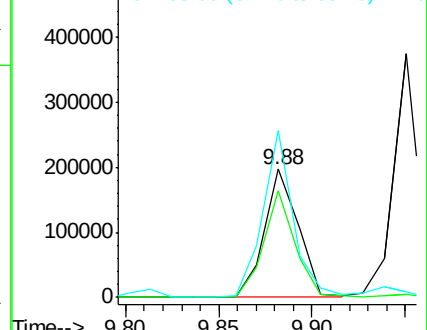
65 130.4 74.4 114.4#



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: 37.75 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.00 min

Lab File: BF083051.D

Acq: 19 Nov 2015 23:06

Tgt Ion:165 Resp: 220801

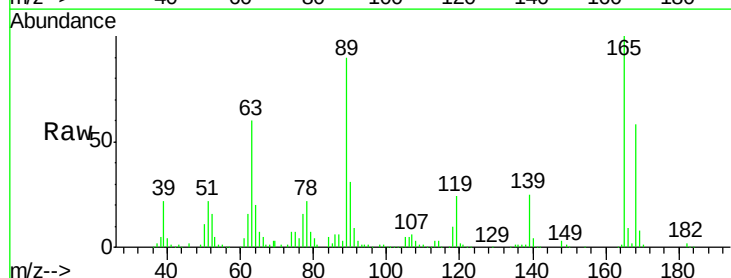
Ion Ratio Lower Upper

165 100

63 59.5 40.6 61.0

89 89.6 64.4 96.6

182 2.0 1.6 2.4

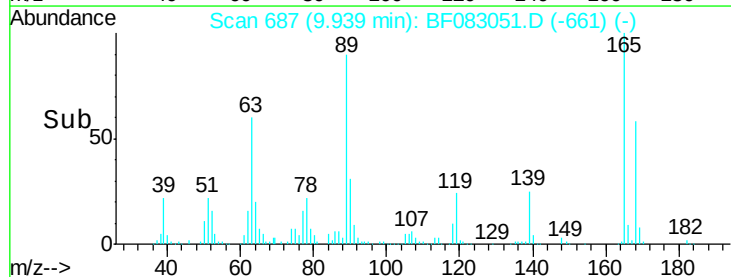
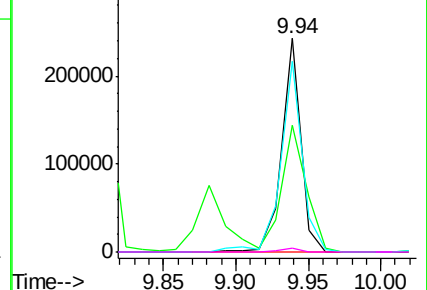


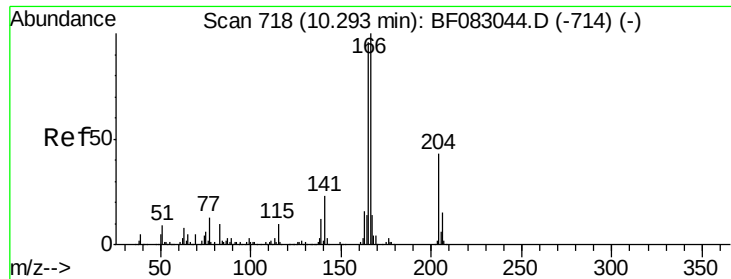
Abundance Ion 165.00 (164.70 to 165.70): E

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

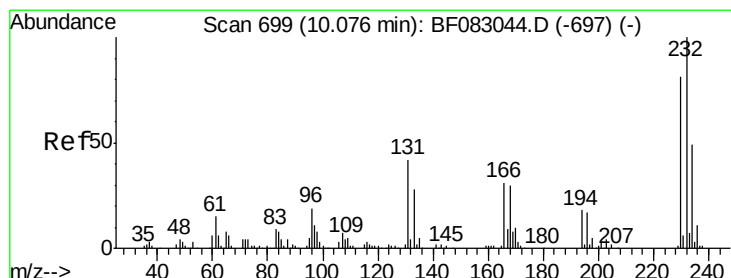
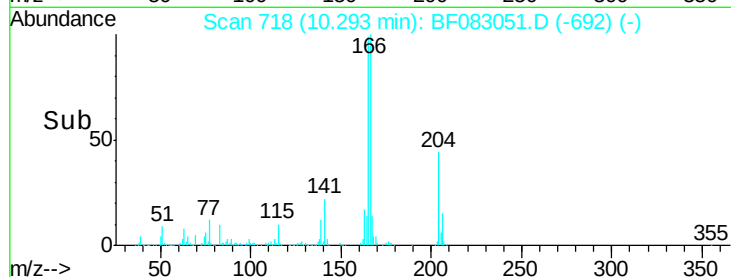
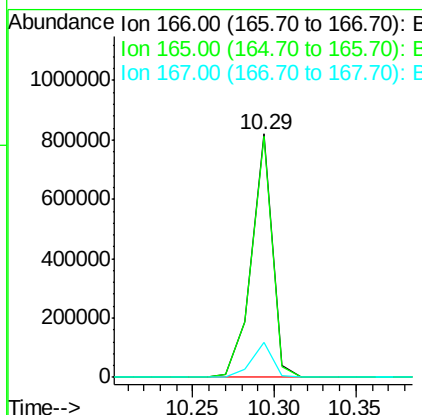
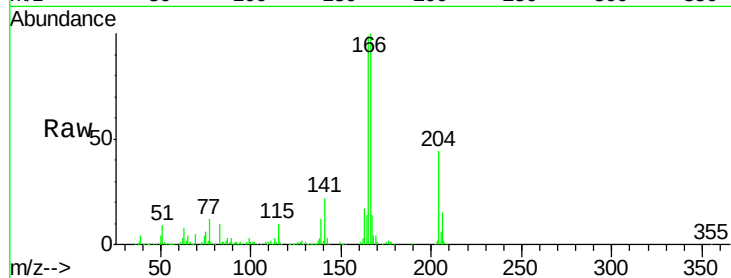




#57
 Fluorene
 Concen: 39.28 ng
 RT: 10.29 min Scan# 718
 Delta R.T. 0.00 min
 Lab File: BF083051.D
 Acq: 19 Nov 2015 23:06

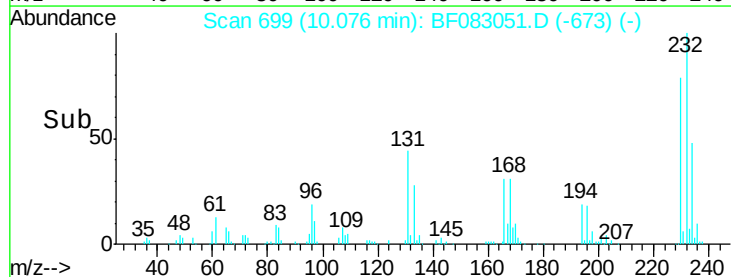
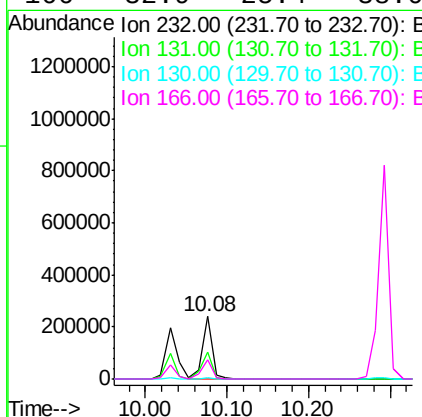
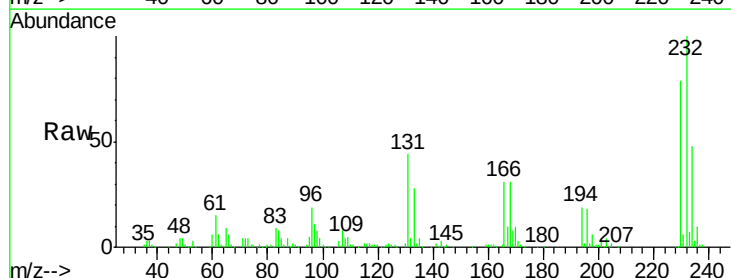
Instrument :
 BNA_F
 ClientSampleId :
 PB86753BS

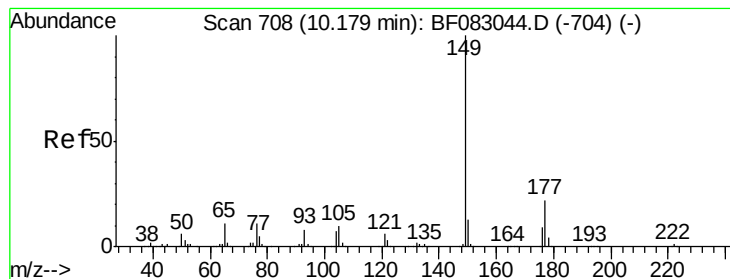
Tgt Ion:166 Resp: 726564
 Ion Ratio Lower Upper
 166 100
 165 98.9 77.1 115.7
 167 14.3 11.0 16.4



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.44 ng
 RT: 10.08 min Scan# 699
 Delta R.T. 0.00 min
 Lab File: BF083051.D
 Acq: 19 Nov 2015 23:06

Tgt Ion:232 Resp: 206356
 Ion Ratio Lower Upper
 232 100
 131 47.6 36.5 54.7
 130 2.1 1.8 2.6
 166 32.9 25.4 38.0





#59

Diethylphthalate

Concen: 38.46 ng

RT: 10.18 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF083051.D

Acq: 19 Nov 2015 23:06

Instrument :

BNA_F

ClientSampleId :

PB86753BS

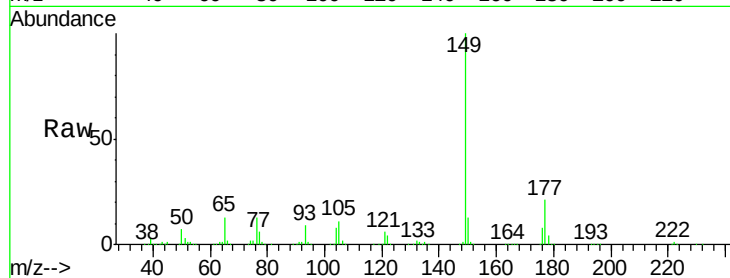
Tgt Ion:149 Resp: 760414

Ion Ratio Lower Upper

149 100

177 21.3 17.4 26.2

150 13.3 10.2 15.2

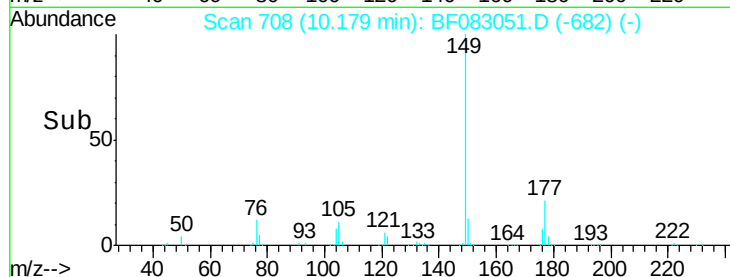


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

Time-->



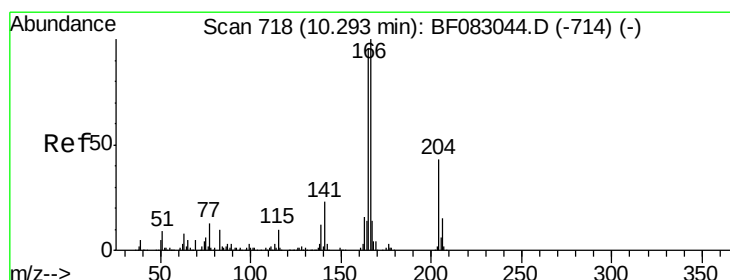
Abundance

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

Time-->



#60

4-Chlorophenyl-phenylether

Concen: 41.91 ng

RT: 10.29 min Scan# 718

Delta R.T. 0.00 min

Lab File: BF083051.D

Acq: 19 Nov 2015 23:06

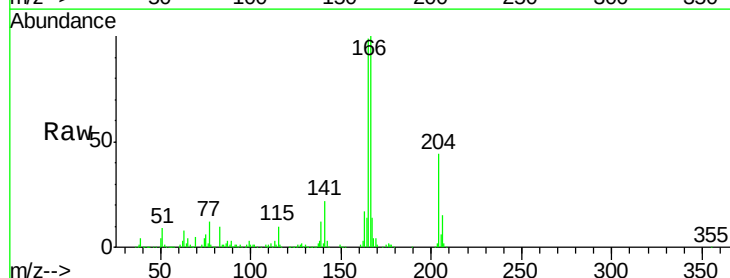
Tgt Ion:204 Resp: 363054

Ion Ratio Lower Upper

204 100

206 34.8 28.2 42.4

141 50.6 41.8 62.8

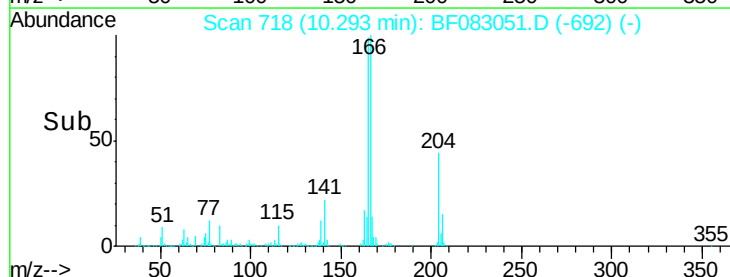


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

Time-->



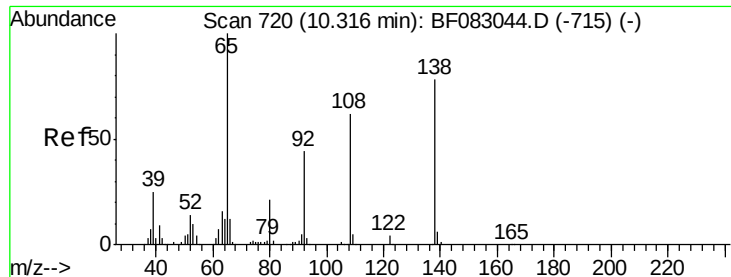
Abundance

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

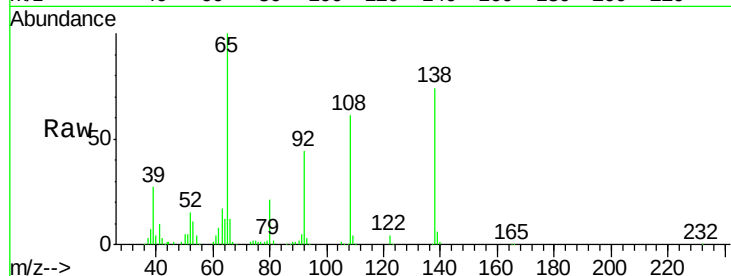
Time-->



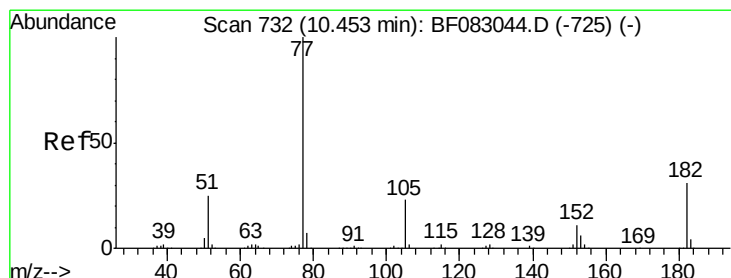
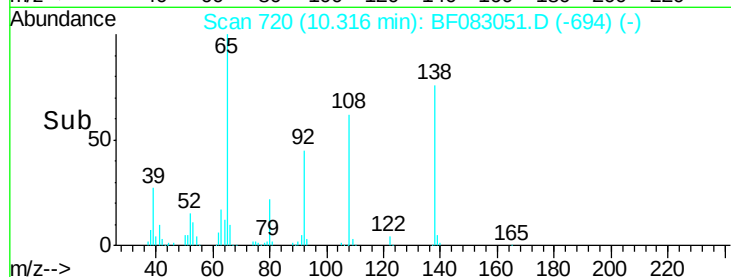
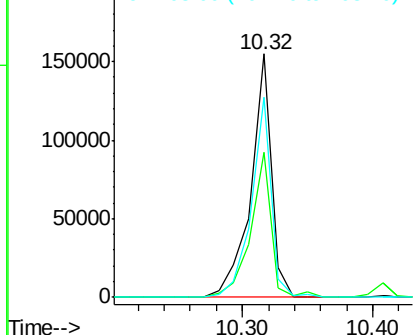
#61
4-Nitroaniline
Concen: 33.68 ng
RT: 10.32 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF083051.D
Acq: 19 Nov 2015 23:06

Instrument :
BNA_F
ClientSampleId :
PB86753BS

Tgt Ion:138 Resp: 171488
Ion Ratio Lower Upper
138 100
92 59.4 36.4 76.4
108 82.4 59.6 99.6

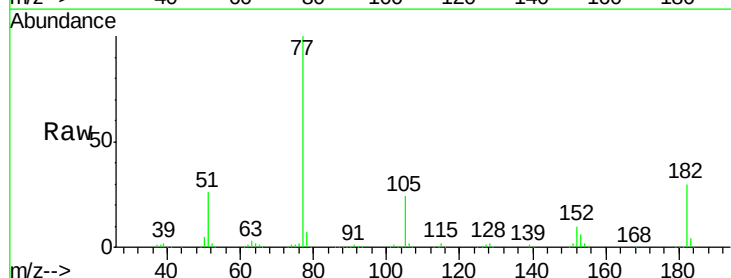


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

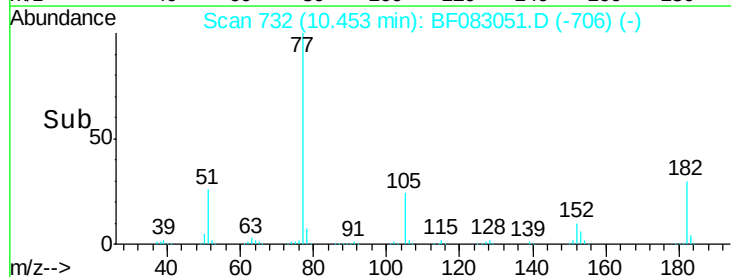
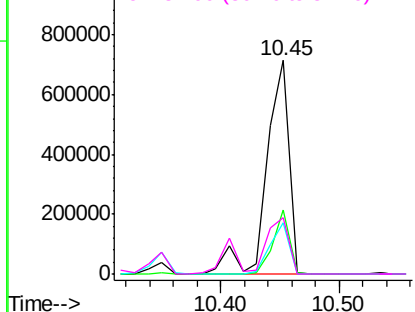


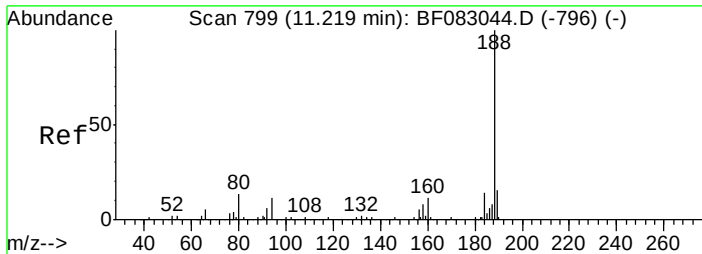
#62
Azobenzene
Concen: 42.45 ng
RT: 10.45 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF083051.D
Acq: 19 Nov 2015 23:06

Tgt Ion: 77 Resp: 940059
Ion Ratio Lower Upper
77 100
182 29.8 10.8 50.8
105 24.1 3.4 43.4
51 26.1 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

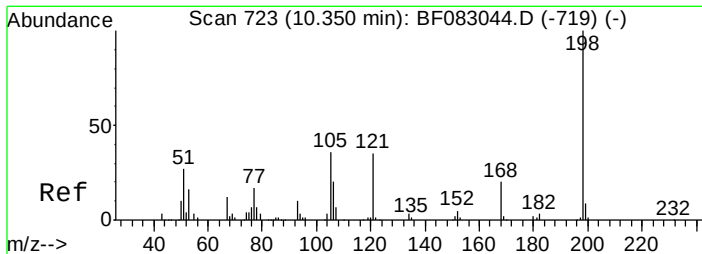
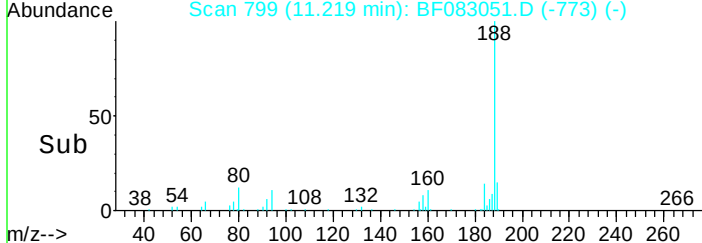
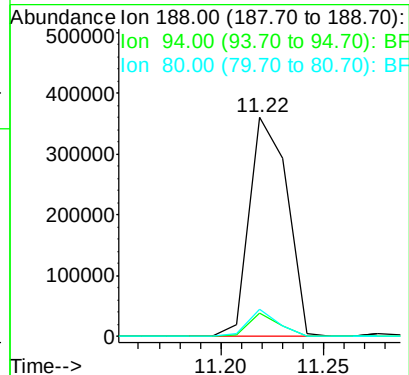
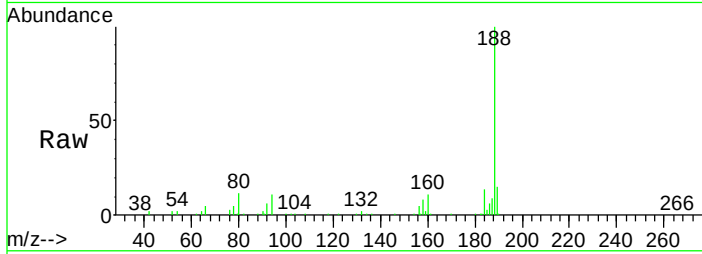




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.22 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF083051.D
 Acq: 19 Nov 2015 23:06

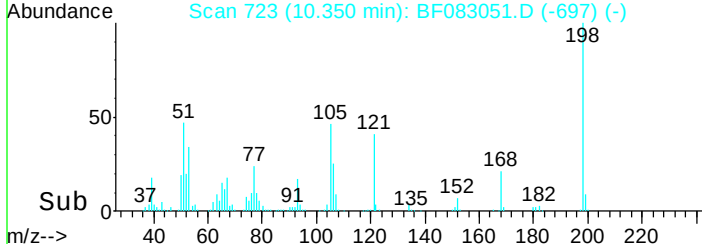
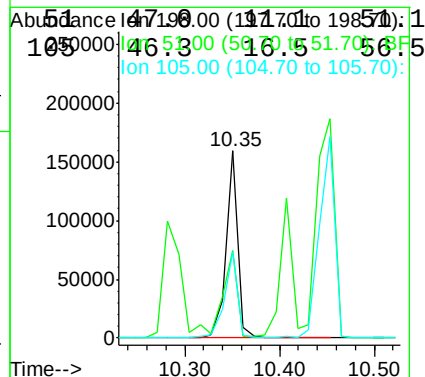
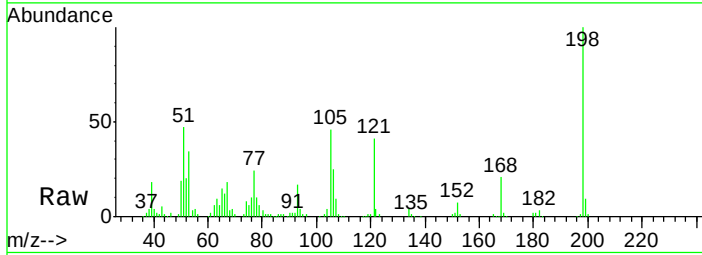
Instrument :
 BNA_F
 ClientSampleId :
 PB86753BS

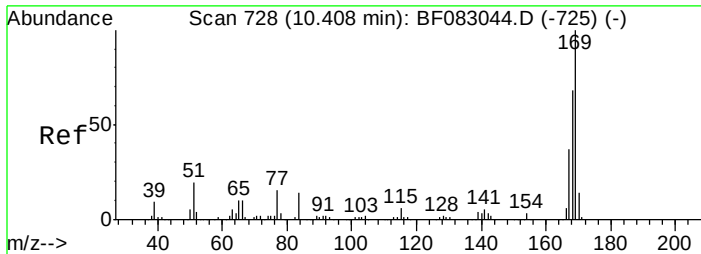
Tgt Ion:	188	Resp:	464157
Ion Ratio	Lower	Upper	
188	100		
94	10.8	9.0	13.4
80	12.2	10.2	15.4



#64
 4,6-Dinitro-2-methylphenol
 Concen: 48.01 ng
 RT: 10.35 min Scan# 723
 Delta R.T. 0.00 min
 Lab File: BF083051.D
 Acq: 19 Nov 2015 23:06

Tgt Ion:	198	Resp:	142081
Ion Ratio	Lower	Upper	
198	100		

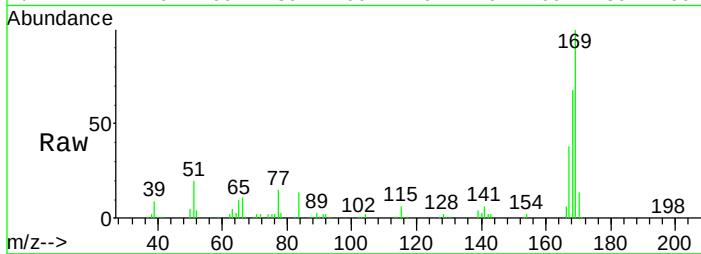




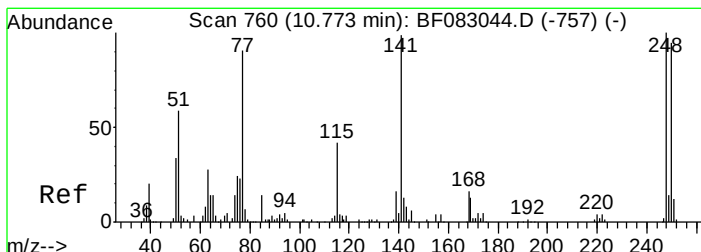
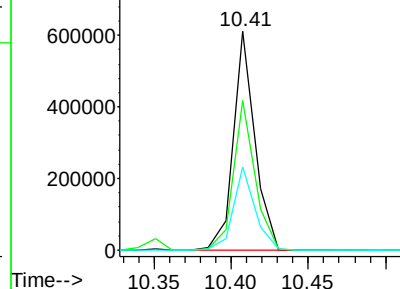
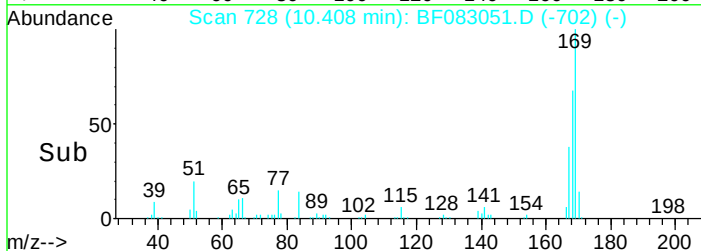
#65
 n-Nitrosodiphenylamine
 Concen: 36.96 ng
 RT: 10.41 min Scan# 728
 Delta R.T. -0.00 min
 Lab File: BF083051.D
 Acq: 19 Nov 2015 23:06

Instrument :
 BNA_F
 ClientSampleId :
 PB86753BS

Tgt Ion:169 Resp: 601182
 Ion Ratio Lower Upper
 169 100
 168 68.3 54.2 81.2
 167 37.9 29.5 44.3

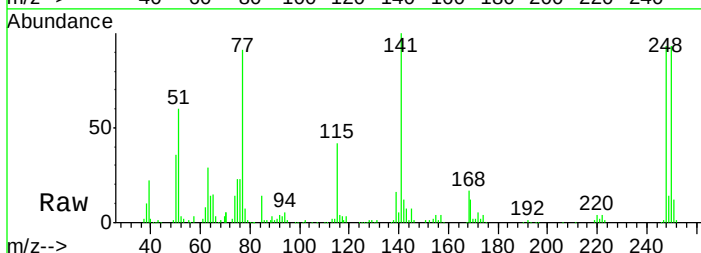


Abundance Ion 169.00 (168.70 to 169.70):
 Ion 168.00 (167.70 to 168.70):
 Ion 167.00 (166.70 to 167.70):

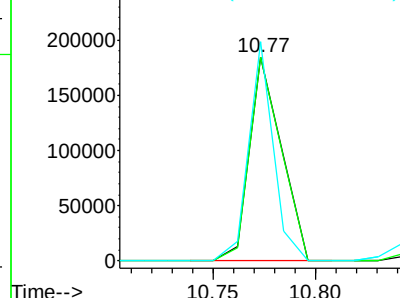
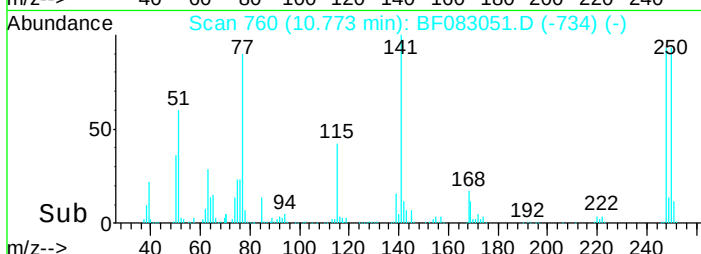


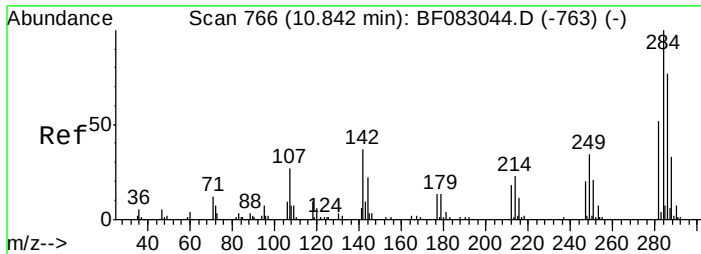
#66
 4-Bromophenyl-phenylether
 Concen: 37.24 ng
 RT: 10.77 min Scan# 760
 Delta R.T. -0.00 min
 Lab File: BF083051.D
 Acq: 19 Nov 2015 23:06

Tgt Ion:248 Resp: 200180
 Ion Ratio Lower Upper
 248 100
 250 100.28 (249.70 to 250.70):
 141 107.8 (107.30 to 108.30):
 114 118.8 (118.30 to 119.30):



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

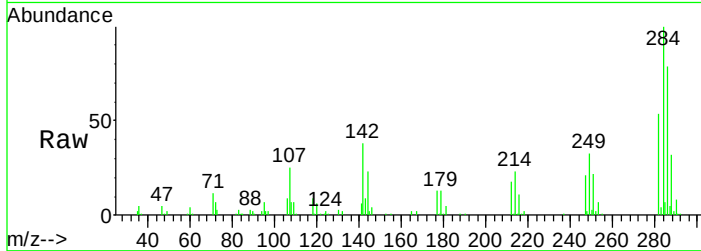




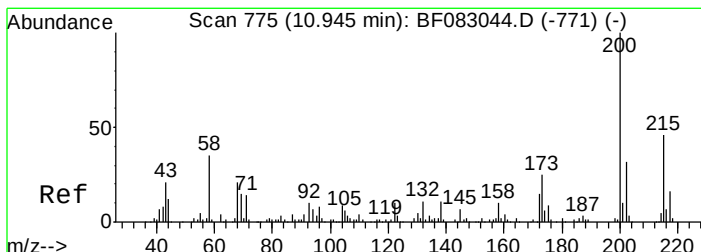
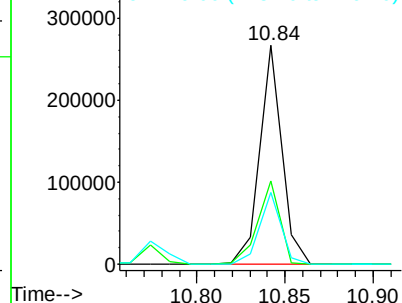
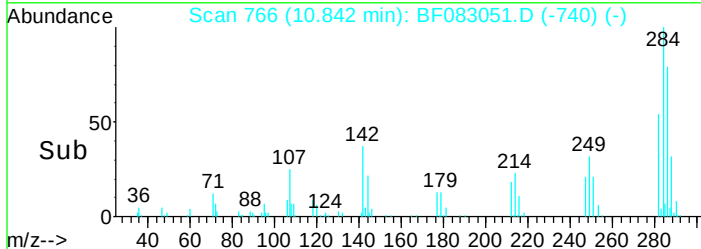
#67
Hexachlorobenzene
Concen: 39.36 ng
RT: 10.84 min Scan# 766
Delta R.T. 0.00 min
Lab File: BF083051.D
Acq: 19 Nov 2015 23:06

Instrument :
BNA_F
ClientSampleId :
PB86753BS

Tgt Ion:284 Resp: 231458
Ion Ratio Lower Upper
284 100
142 38.2 29.5 44.3
249 32.6 27.2 40.8

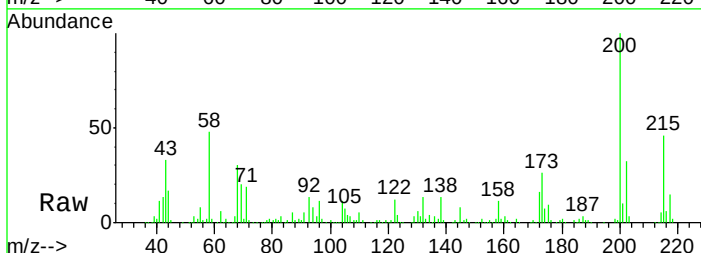


Abundance Ion 283.80 (283.50 to 284.50):
Ion 142.00 (141.70 to 142.70):
Ion 249.00 (248.70 to 249.70):

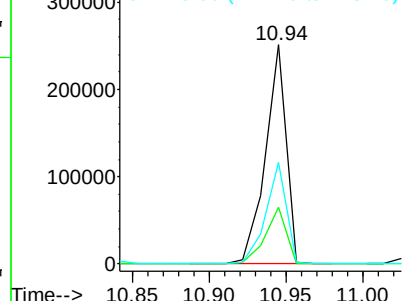
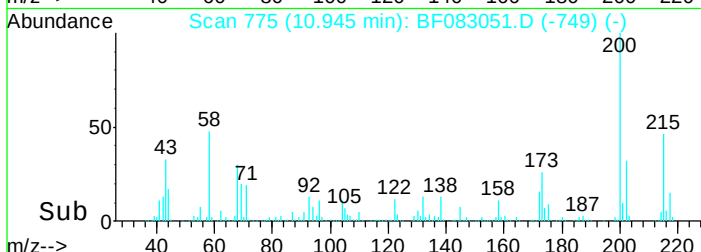


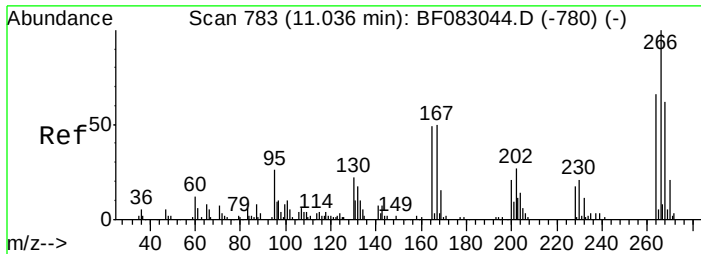
#68
Atrazine
Concen: 45.43 ng
RT: 10.94 min Scan# 775
Delta R.T. 0.00 min
Lab File: BF083051.D
Acq: 19 Nov 2015 23:06

Tgt Ion:200 Resp: 231473
Ion Ratio Lower Upper
200 100
173 26.0 19.7 34.9
215 46.4 25.5 69.5



Abundance Ion 200.00 (199.70 to 200.44):
Ion 173.00 (172.70 to 173.65):
Ion 215.00 (214.70 to 215.70):

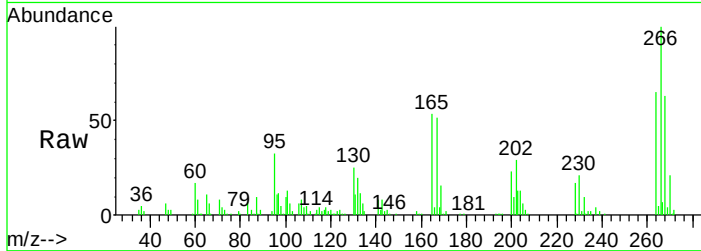




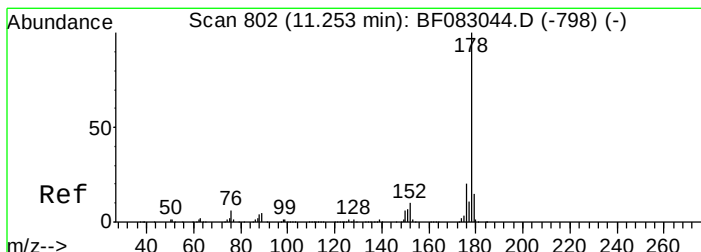
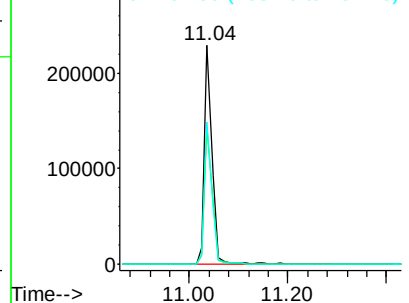
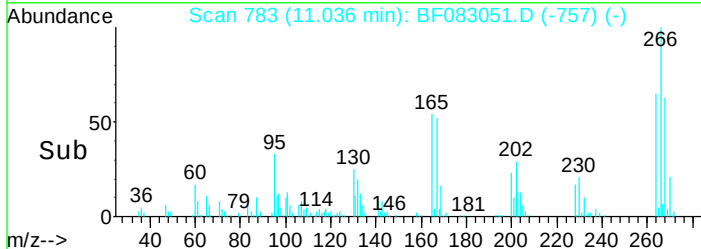
#69
 Pentachlorophenol
 Concen: 82.81 ng
 RT: 11.04 min Scan# 783
 Delta R.T. -0.00 min
 Lab File: BF083051.D
 Acq: 19 Nov 2015 23:06

Instrument :
 BNA_F
 ClientSampleId :
 PB86753BS

Tgt Ion:266 Resp: 248498
 Ion Ratio Lower Upper
 266 100
 268 62.6 49.6 74.4
 264 64.6 52.7 79.1

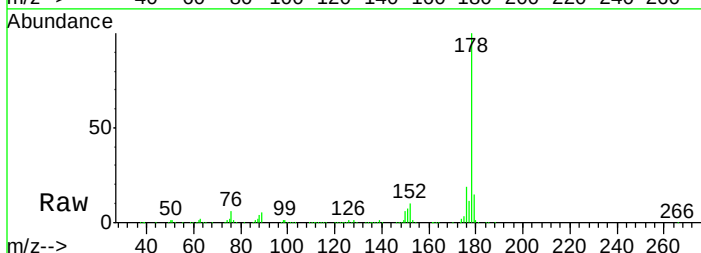


Abundance Ion 265.70 (265.40 to 266.40):
 Ion 268.00 (267.70 to 268.70):
 Ion 264.00 (263.70 to 264.70):

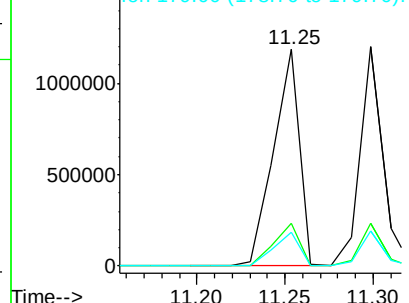
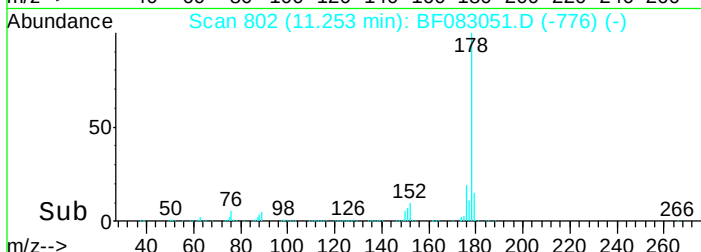


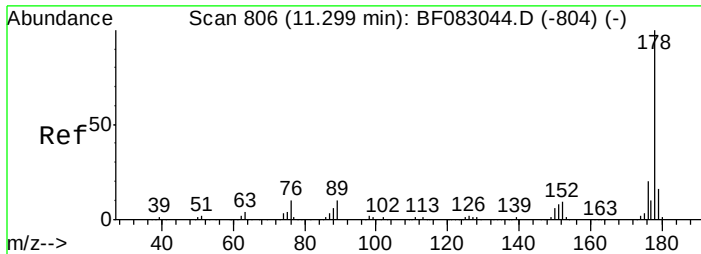
#70
 Phenanthrene
 Concen: 43.46 ng
 RT: 11.25 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BF083051.D
 Acq: 19 Nov 2015 23:06

Tgt Ion:178 Resp: 1217080
 Ion Ratio Lower Upper
 178 100



Abundance Ion 175.00 (174.70 to 175.30):
 Ion 179.00 (178.70 to 179.30):
 Ion 177.00 (176.70 to 177.30):

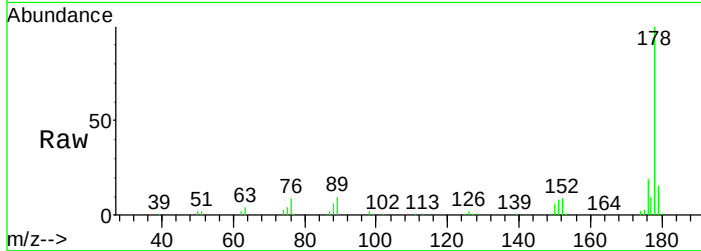




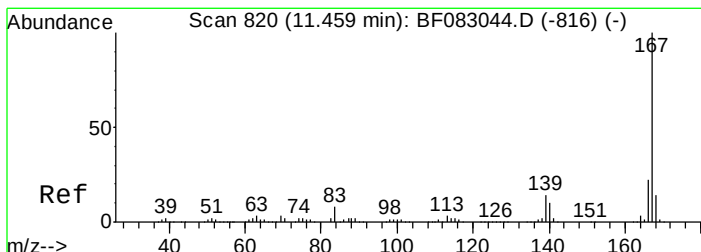
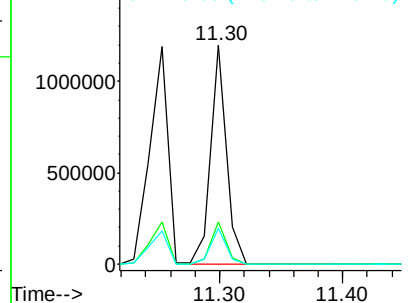
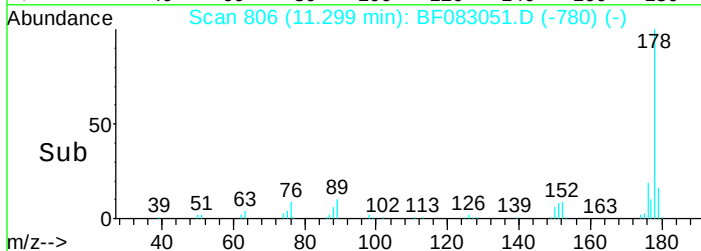
#71
 Anthracene
 Concen: 38.06 ng
 RT: 11.30 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: BF083051.D
 Acq: 19 Nov 2015 23:06

Instrument :
 BNA_F
 ClientSampleId :
 PB86753BS

Tgt Ion:178 Resp: 1073709
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.8 23.6
 179 16.1 13.1 19.7

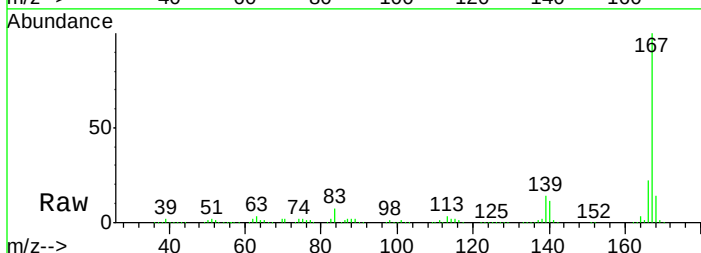


Abundance Ion 178.00 (177.70 to 178.70):
 Ion 176.00 (175.70 to 176.70):
 Ion 179.00 (178.70 to 179.70):

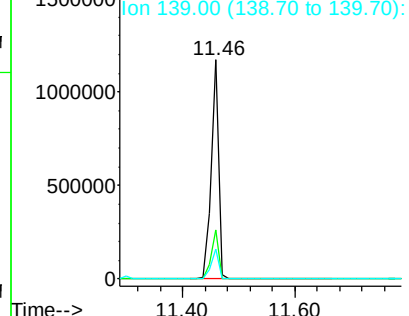
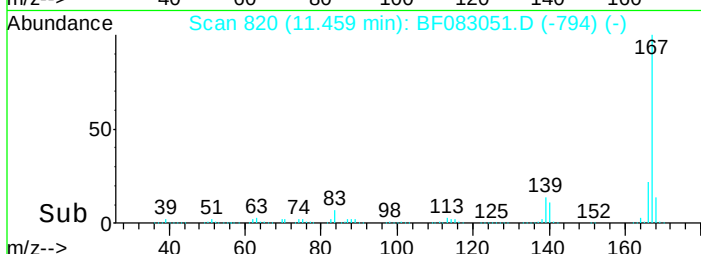


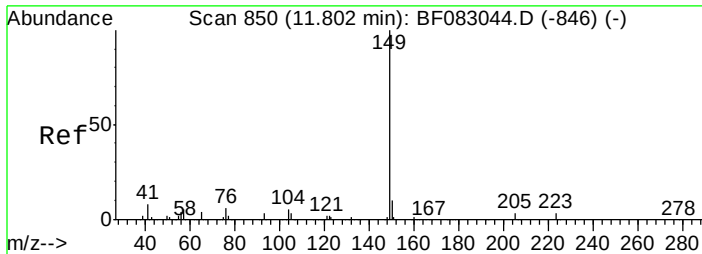
#72
 Carbazole
 Concen: 43.43 ng
 RT: 11.46 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BF083051.D
 Acq: 19 Nov 2015 23:06

Tgt Ion:167 Resp: 1071080
 Ion Ratio Lower Upper
 167 100



Abundance Ion 167.00 (166.70 to 167.30):
 Ion 166.00 (165.70 to 166.70):
 Ion 139.00 (138.70 to 139.70):

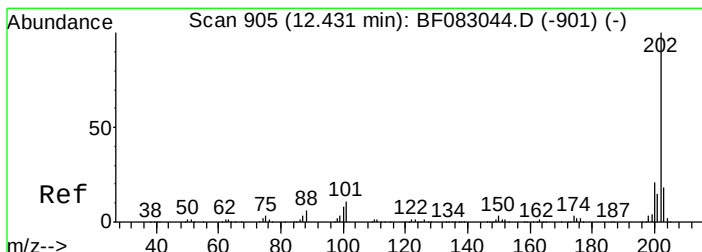
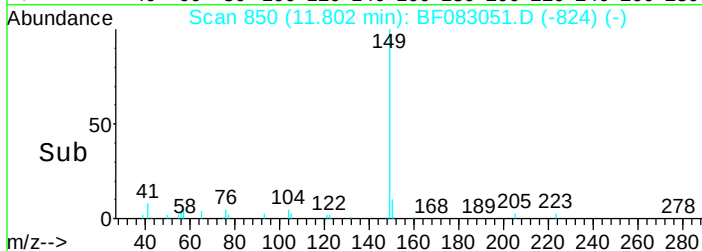
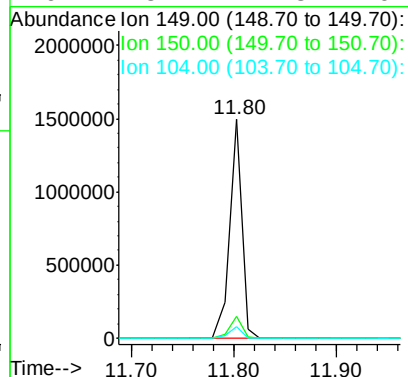
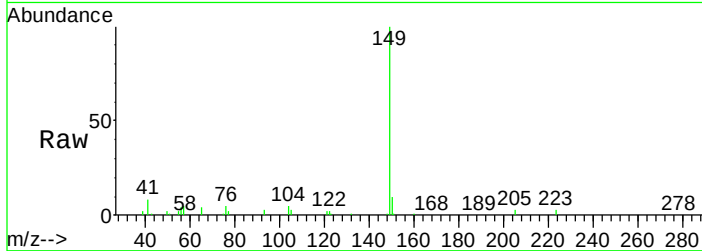




#73
Di-n-butylphthalate
Concen: 39.89 ng
RT: 11.80 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF083051.D
Acq: 19 Nov 2015 23:06

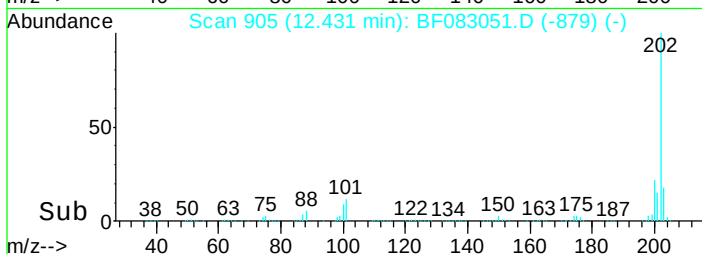
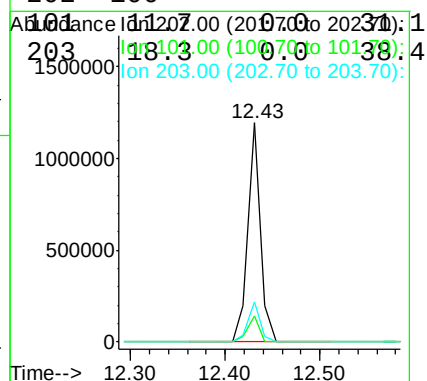
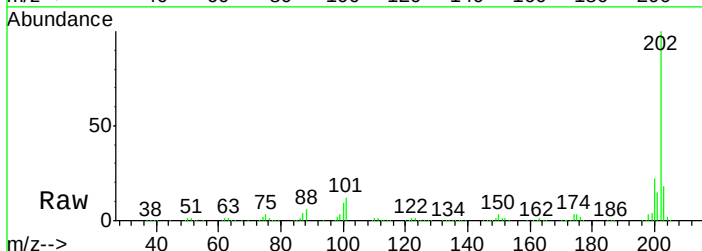
Instrument :
BNA_F
ClientSampleId :
PB86753BS

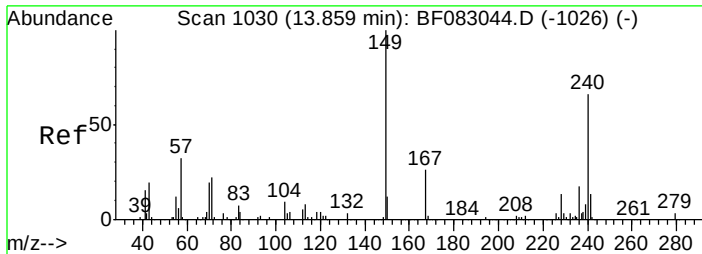
Tgt Ion:149 Resp: 1240372
Ion Ratio Lower Upper
149 100
150 9.7 7.8 11.8
104 5.4 4.3 6.5



#74
Fluoranthene
Concen: 37.70 ng
RT: 12.43 min Scan# 905
Delta R.T. 0.00 min
Lab File: BF083051.D
Acq: 19 Nov 2015 23:06

Tgt Ion:202 Resp: 1100238
Ion Ratio Lower Upper
202 100

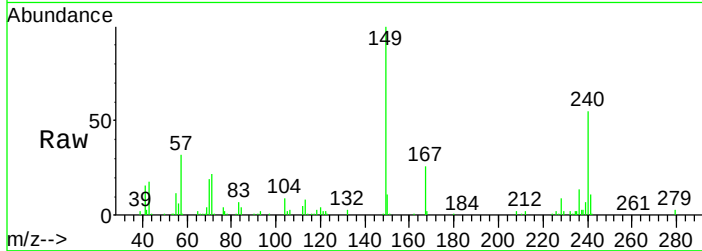




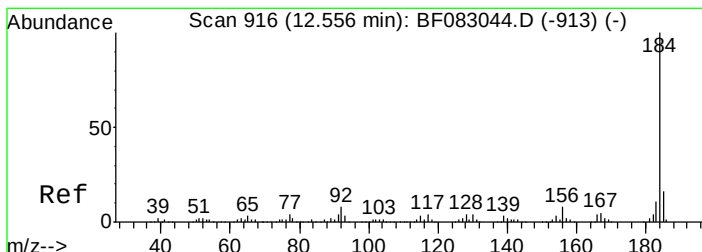
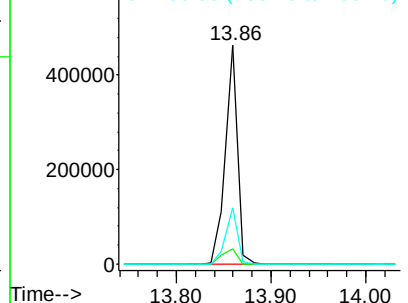
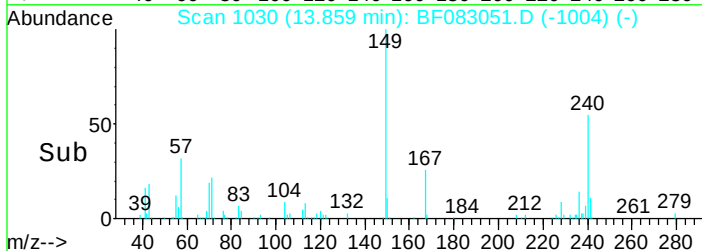
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.86 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF083051.D
Acq: 19 Nov 2015 23:06

Instrument :
BNA_F
ClientSampleId :
PB86753BS

Tgt Ion:240 Resp: 412367
Ion Ratio Lower Upper
240 100
120 7.0 5.3 7.9
236 25.5 20.4 30.6

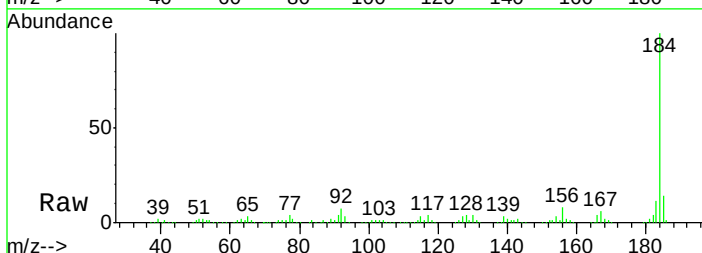


Abundance Ion 240.00 (239.70 to 240.70):
Ion 120.00 (119.70 to 120.70):
Ion 236.00 (235.70 to 236.70):

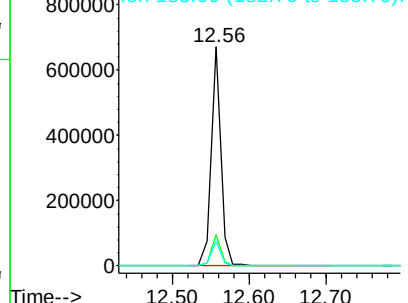
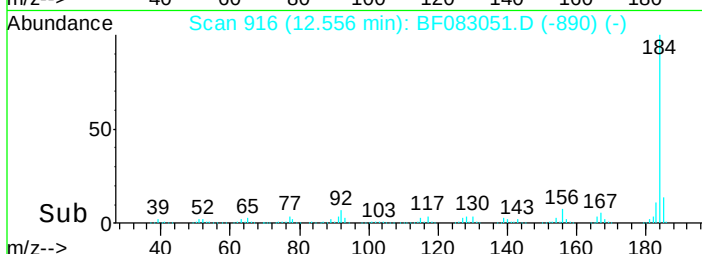


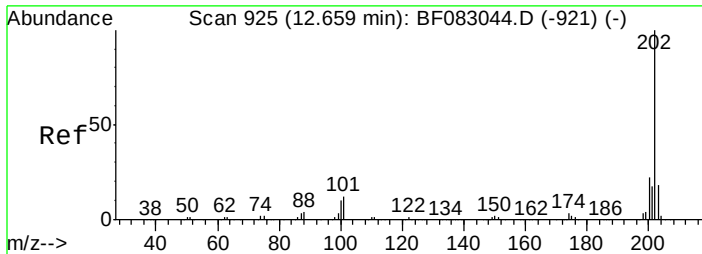
#76
Benzidine
Concen: 43.71 ng
RT: 12.56 min Scan# 916
Delta R.T. -0.00 min
Lab File: BF083051.D
Acq: 19 Nov 2015 23:06

Tgt Ion:184 Resp: 589747
Ion Ratio Lower Upper
184 100



Abundance Ion 184.00 (183.70 to 184.30): 0
Ion 183.00 (182.70 to 183.30): 11.3
Ion 185.00 (184.70 to 185.30): 9.0
Ion 182.00 (181.70 to 182.30): 13.4

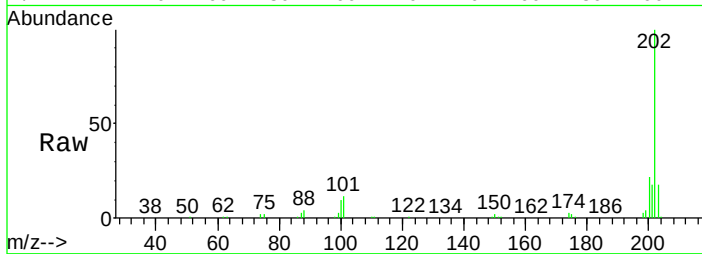




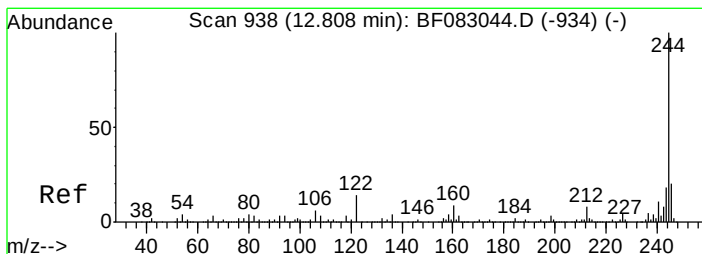
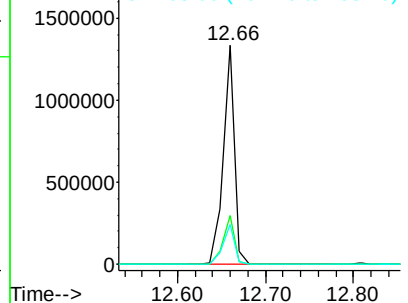
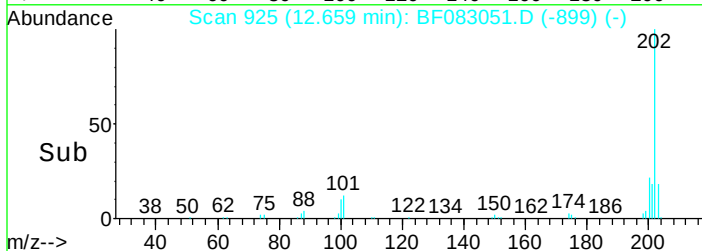
#77
 Pyrene
 Concen: 41.63 ng
 RT: 12.66 min Scan# 925
 Delta R.T. -0.00 min
 Lab File: BF083051.D
 Acq: 19 Nov 2015 23:06

Instrument :
 BNA_F
 ClientSampleId :
 PB86753BS

Tgt Ion:202 Resp: 1208562
 Ion Ratio Lower Upper
 202 100
 200 21.9 17.6 26.4
 203 18.1 14.6 22.0

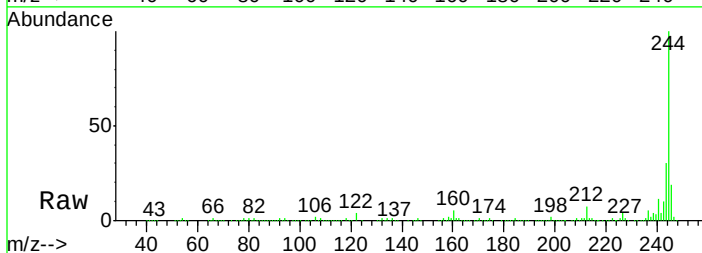


Abundance Ion 202.00 (201.70 to 202.70):
 Ion 200.00 (199.70 to 200.70):
 Ion 203.00 (202.70 to 203.70):

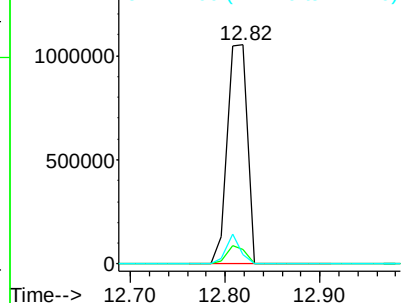
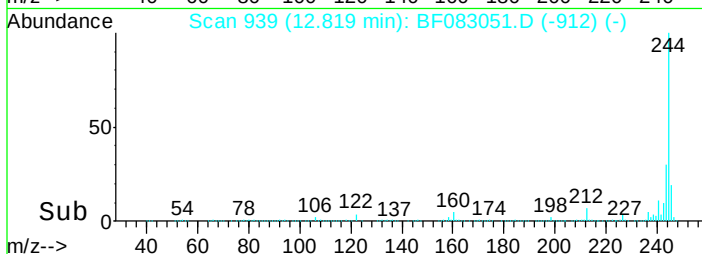


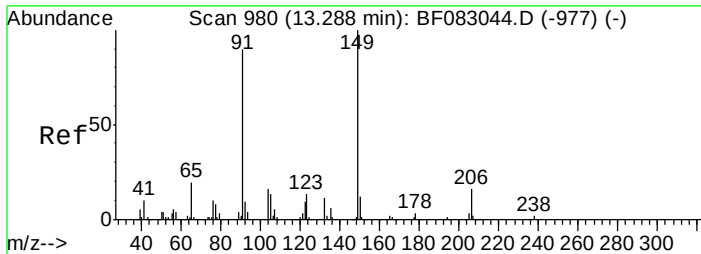
#78
 Terphenyl-d14
 Concen: 88.10 ng
 RT: 12.82 min Scan# 939
 Delta R.T. 0.01 min
 Lab File: BF083051.D
 Acq: 19 Nov 2015 23:06

Tgt Ion:244 Resp: 1538908
 Ion Ratio Lower Upper
 244 100
 212 6.4 4.5 9.6
 122 4.5 10.9 16.3



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





#79

Butylbenzylphthalate

Concen: 40.26 ng

RT: 13.29 min Scan# 980

Delta R.T. 0.00 min

Lab File: BF083051.D

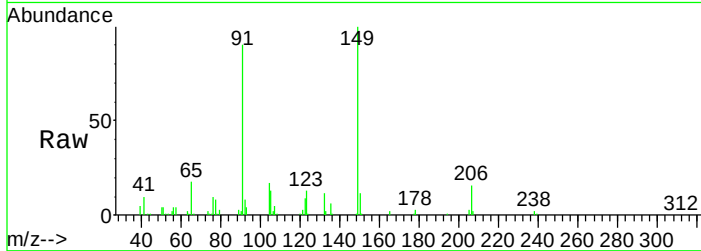
Acq: 19 Nov 2015 23:06

Instrument :

BNA_F

ClientSampleId :

PB86753BS



Tgt Ion:149 Resp: 516414

Ion Ratio Lower Upper

149 100

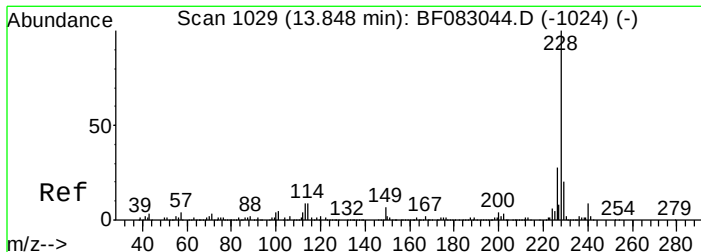
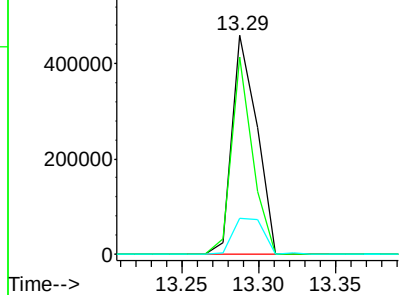
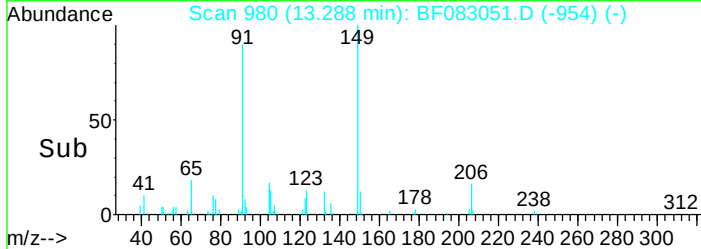
91 89.6 71.9 107.9

206 16.2 13.1 19.7

Abundance Ion 149.00 (148.70 to 149.70):

Ion 91.00 (90.70 to 91.70): BF

Ion 206.00 (205.70 to 206.70):



#80

Benzo(a)anthracene

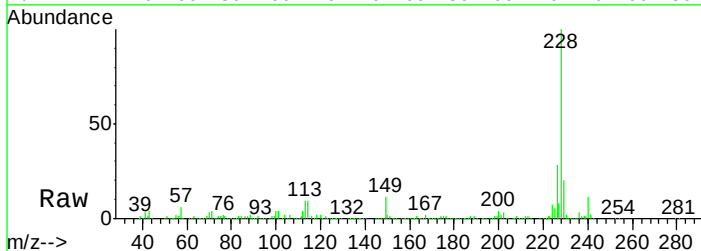
Concen: 40.74 ng

RT: 13.85 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BF083051.D

Acq: 19 Nov 2015 23:06



Tgt Ion:228 Resp: 1067751

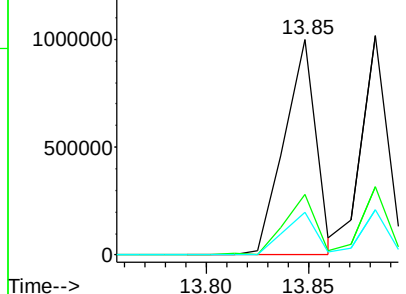
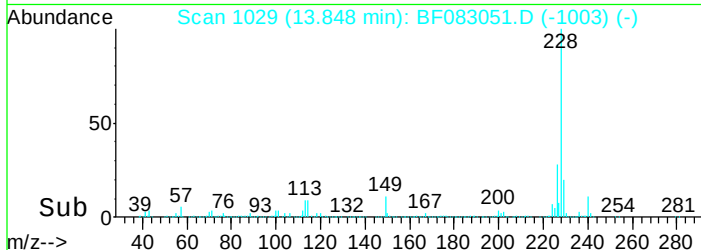
Ion Ratio Lower Upper

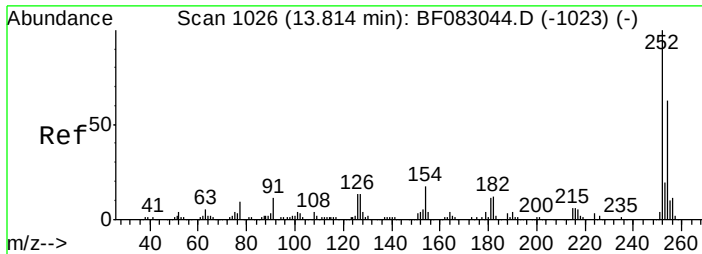
228 100

Abundance Ion 228.00 (227.70 to 228.30):

Ion 229.00 (228.70 to 229.70):

Ion 229.00 (228.70 to 229.70):

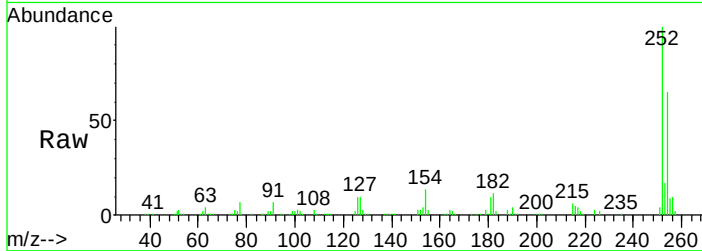




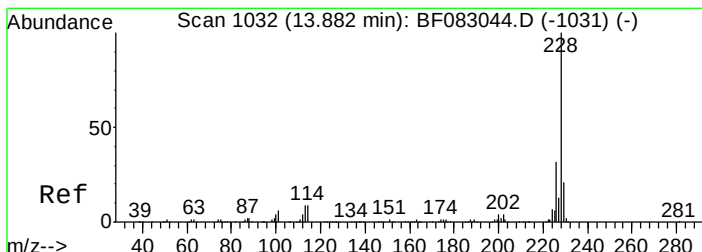
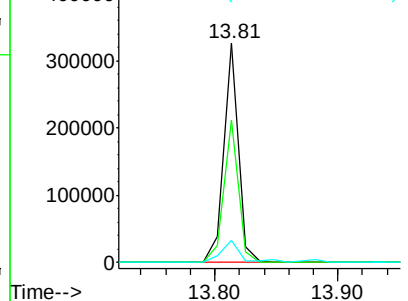
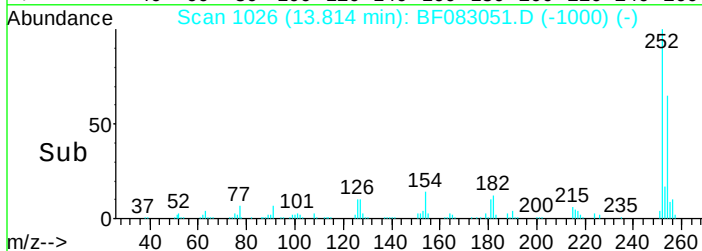
#81
 3,3'-Dichlorobenzidine
 Concen: 30.34 ng
 RT: 13.81 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BF083051.D
 Acq: 19 Nov 2015 23:06

Instrument :
 BNA_F
 ClientSampleId :
 PB86753BS

Tgt Ion:252 Resp: 267612
 Ion Ratio Lower Upper
 252 100
 254 64.9 50.6 76.0
 126 10.0 10.2 15.4#

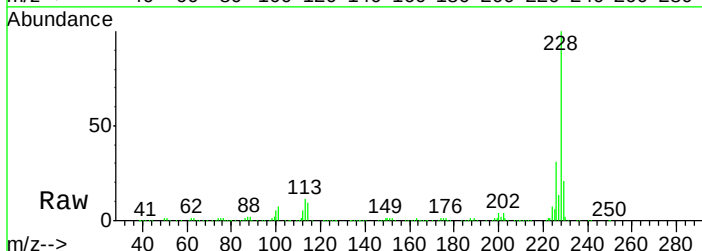


Abundance Ion 252.00 (251.70 to 252.70):
 Ion 254.00 (253.70 to 254.70):
 Ion 126.00 (125.70 to 126.70):

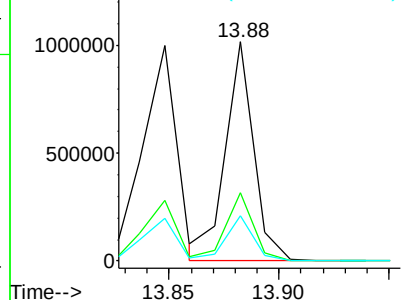
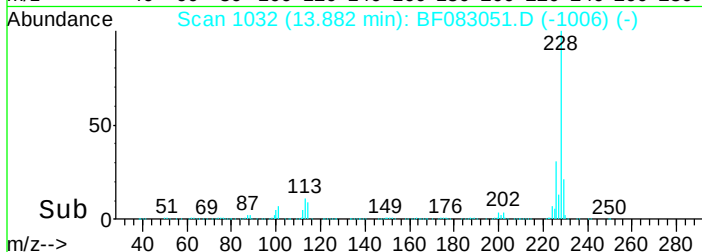


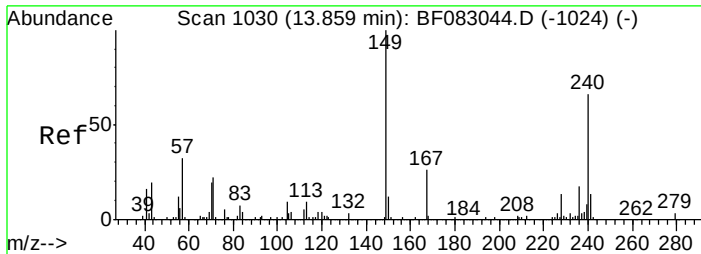
#82
 Chrysene
 Concen: 37.93 ng m
 RT: 13.88 min Scan# 1032
 Delta R.T. -0.00 min
 Lab File: BF083051.D
 Acq: 19 Nov 2015 23:06

Tgt Ion:228 Resp: 911386
 Ion Ratio Lower Upper
 228 100



Abundance Ion 228.00 (227.70 to 228.30):
 Ion 226.00 (225.70 to 226.70):
 Ion 229.00 (228.70 to 229.70):

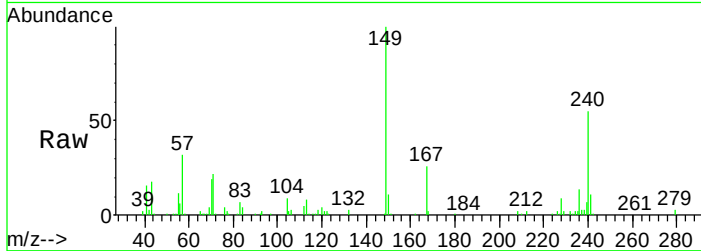




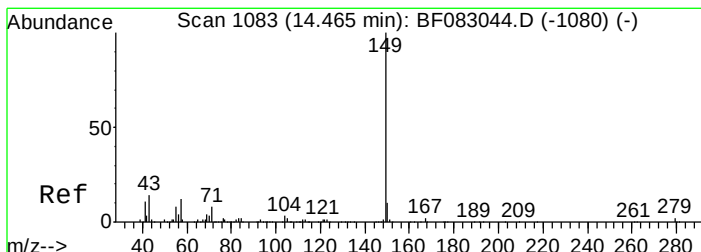
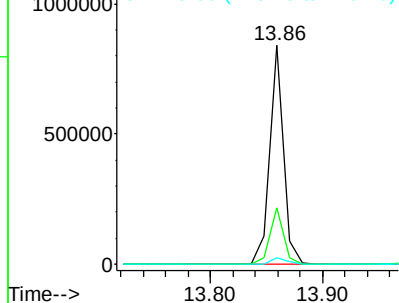
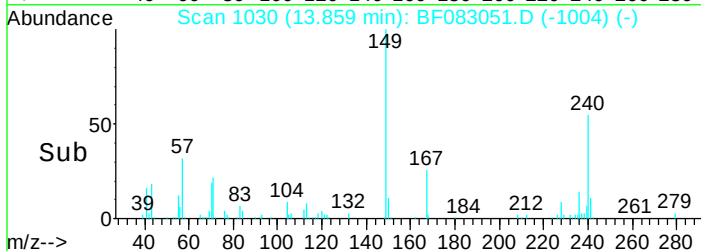
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.81 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: BF083051.D
 Acq: 19 Nov 2015 23:06

Instrument :
 BNA_F
 ClientSampleId :
 PB86753BS

Tgt Ion:149 Resp: 718113
 Ion Ratio Lower Upper
 149 100
 167 26.0 20.9 31.3
 279 2.7 2.0 3.0

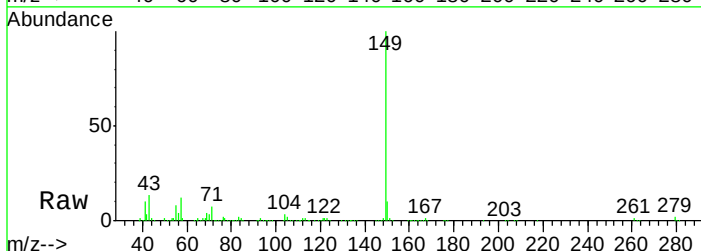


Abundance Ion 149.00 (148.70 to 149.70):
 Ion 167.00 (166.70 to 167.70):
 Ion 279.00 (278.70 to 279.70):

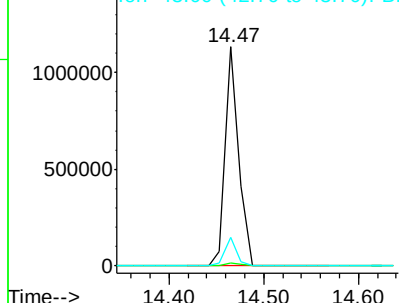
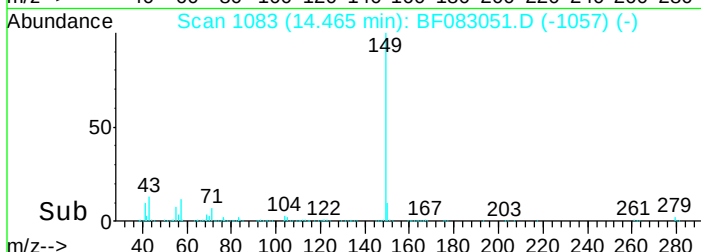


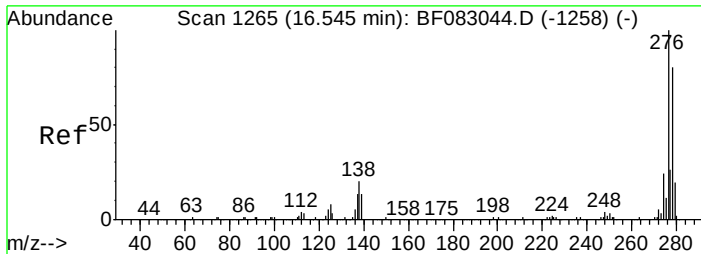
#84
 Di-n-octyl phthalate
 Concen: 41.05 ng
 RT: 14.47 min Scan# 1083
 Delta R.T. 0.00 min
 Lab File: BF083051.D
 Acq: 19 Nov 2015 23:06

Tgt Ion:149 Resp: 1121820
 Ion Ratio Lower Upper
 149 100



Abundance Ion 149.00 (148.70 to 149.70):
 Ion 167.00 (166.70 to 167.70):
 Ion 43.00 (42.70 to 43.70):





#85

Indeno(1,2,3-cd)pyrene

Concen: 41.00 ng

RT: 16.53 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BF083051.D

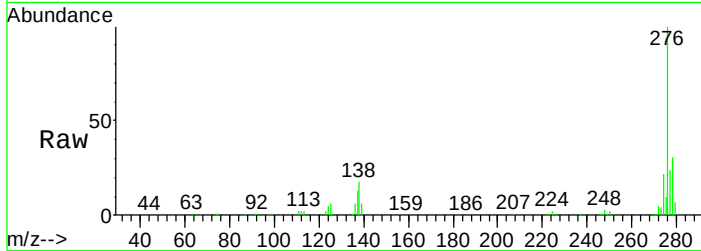
Acq: 19 Nov 2015 23:06

Instrument :

BNA_F

ClientSampleId :

PB86753BS



Tgt Ion:276 Resp: 801522

Ion Ratio Lower Upper

276 100

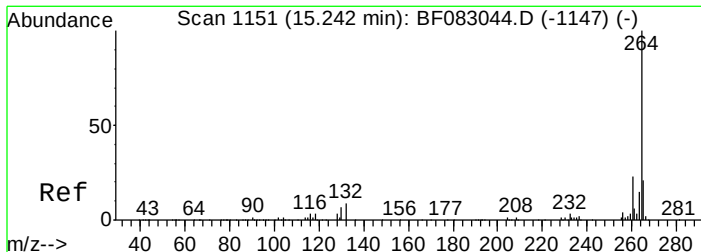
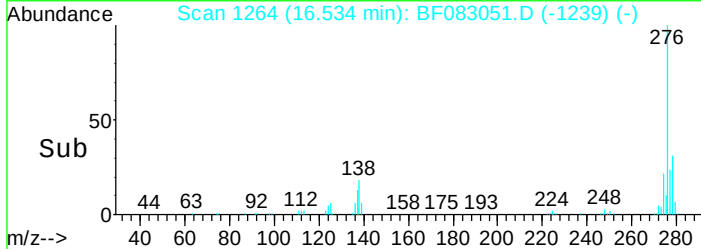
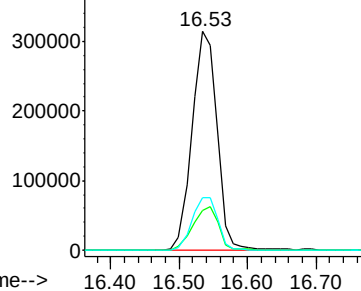
138 20.6 16.3 24.5

277 25.0 19.8 29.8

Abundance Ion 276.00 (275.70 to 276.70):

Ion 138.00 (137.70 to 138.70):

Ion 277.00 (276.70 to 277.70):



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.23 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF083051.D

Acq: 19 Nov 2015 23:06

Tgt Ion:264 Resp: 326020

Ion Ratio Lower Upper

264 100

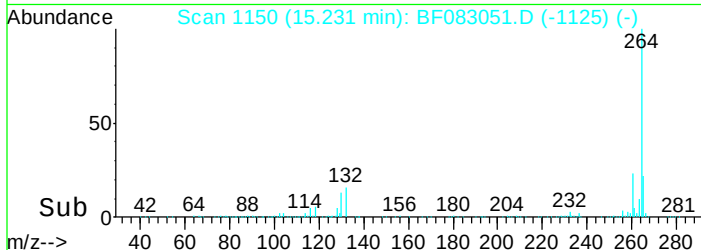
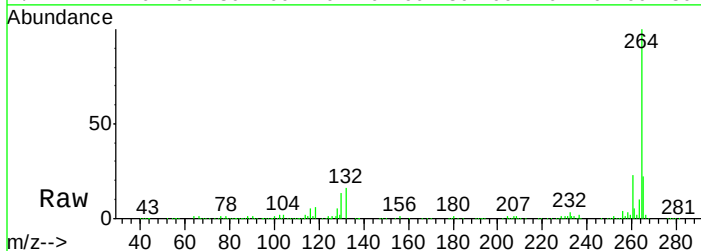
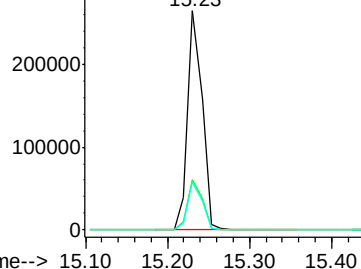
260 22.7 18.6 27.8

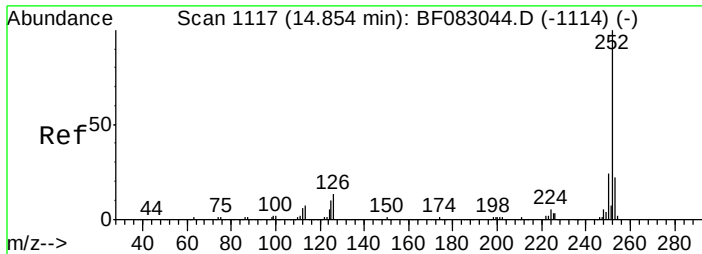
265 21.9 17.0 25.6

Abundance Ion 264.00 (263.70 to 264.70):

Ion 260.00 (259.70 to 260.70):

Ion 265.00 (264.70 to 265.70):

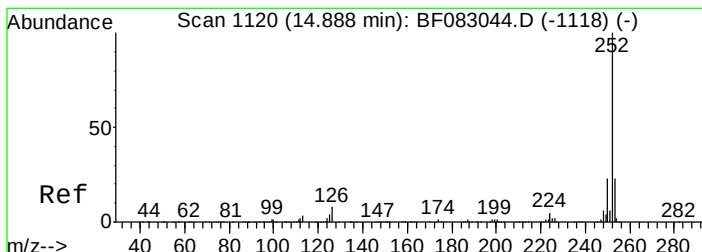
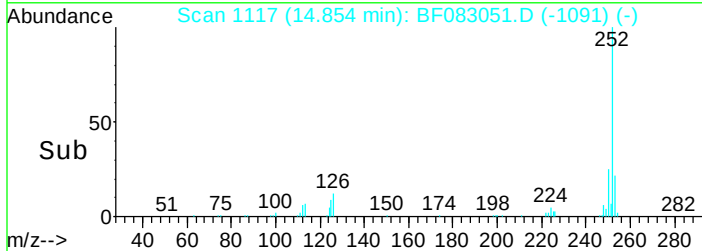
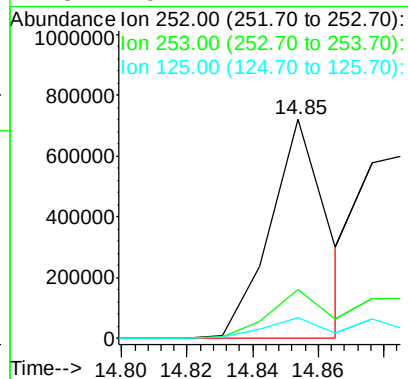
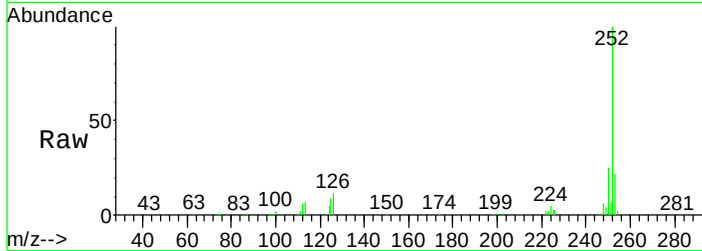




#87
Benzo(b)fluoranthene
Concen: 38.11 ng m
RT: 14.85 min Scan# 1117
Delta R.T. 0.00 min
Lab File: BF083051.D
Acq: 19 Nov 2015 23:06

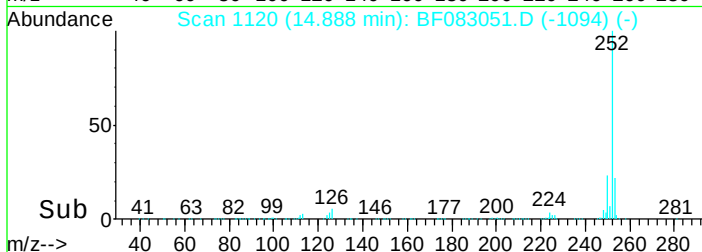
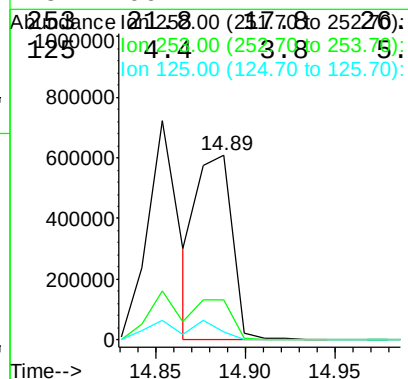
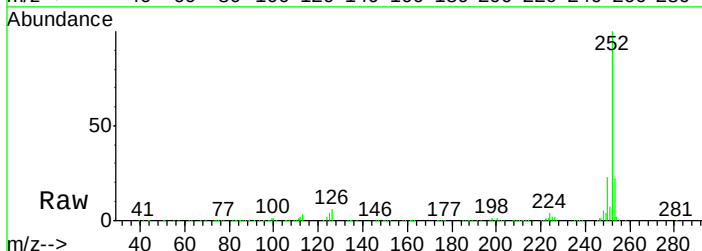
Instrument :
BNA_F
ClientSampleId :
PB86753BS

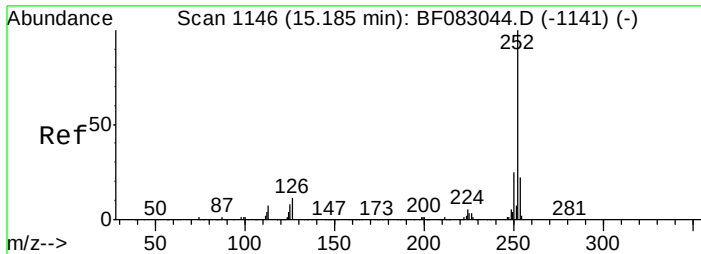
Tgt Ion:252 Resp: 868819
Ion Ratio Lower Upper
252 100
253 22.4 17.6 26.4
125 9.2 7.7 11.5



#88
Benzo(k)fluoranthene
Concen: 48.26 ng m
RT: 14.89 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BF083051.D
Acq: 19 Nov 2015 23:06

Tgt Ion:252 Resp: 837995
Ion Ratio Lower Upper
252 100
253 21.8 17.9 26.6
125 4.4 3.8 5.6





#89

Benzo(a)pyrene

Concen: 45.30 ng

RT: 15.19 min Scan# 1146

Delta R.T. -0.00 min

Lab File: BF083051.D

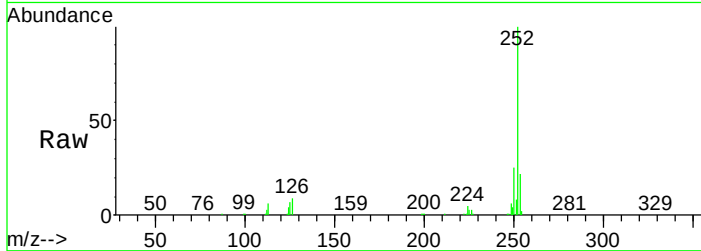
Acq: 19 Nov 2015 23:06

Instrument :

BNA_F

ClientSampleId :

PB86753BS



Tgt Ion:252 Resp: 828739

Ion Ratio Lower Upper

252 100

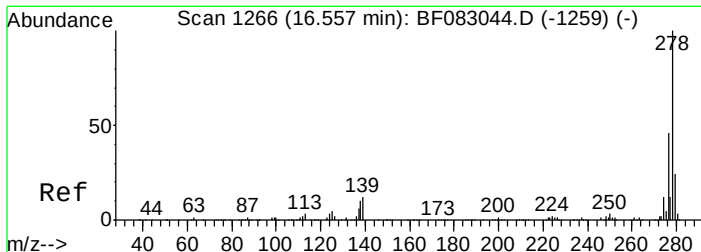
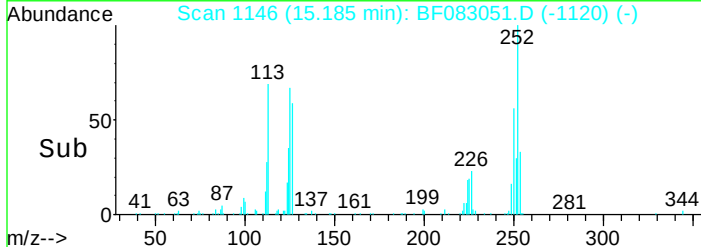
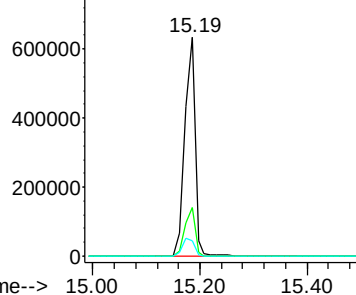
253 22.2 17.5 26.3

125 7.2 6.4 9.6

Abundance Ion 252.00 (251.70 to 252.70):

Ion 253.00 (252.70 to 253.70):

Ion 125.00 (124.70 to 125.70):



#90

Dibenzo(a,h)anthracene

Concen: 42.17 ng

RT: 16.56 min Scan# 1266

Delta R.T. -0.00 min

Lab File: BF083051.D

Acq: 19 Nov 2015 23:06

Tgt Ion:278 Resp: 671301

Ion Ratio Lower Upper

278 100

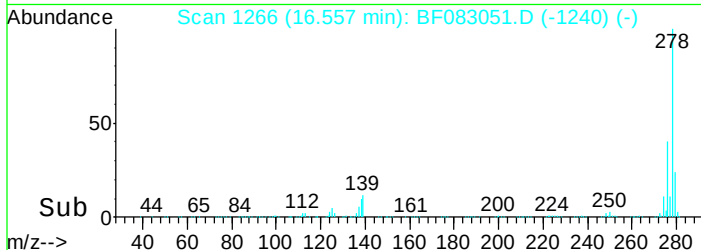
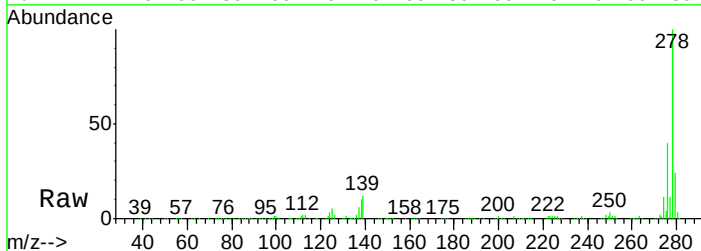
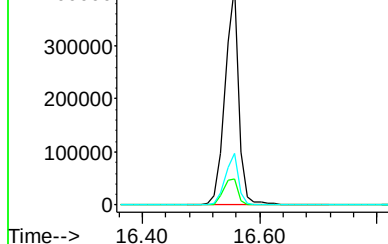
139 23.9 19.6 29.4

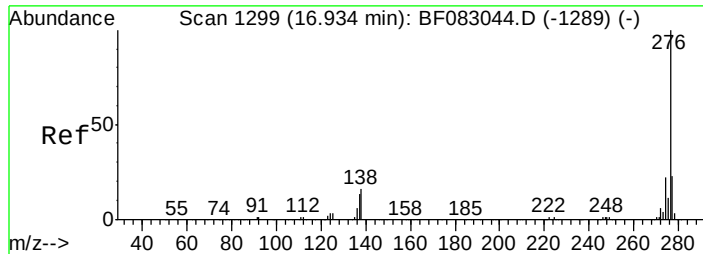
279 23.9 19.6 29.4

Abundance Ion 278.00 (277.70 to 278.70):

Ion 139.00 (138.70 to 139.70):

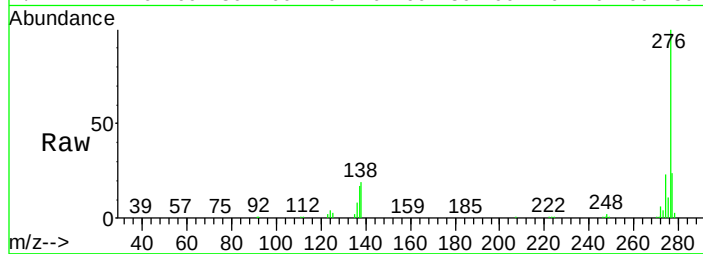
Ion 279.00 (278.70 to 279.70):





#91
Benzo(g,h,i)perylene
Concen: 42.99 ng
RT: 16.92 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF083051.D
Acq: 19 Nov 2015 23:06

Instrument :
BNA_F
ClientSampleId :
PB86753BS



Tgt Ion:276 Resp: 667553
Ion Ratio Lower Upper
276 100
277 23.7 18.6 27.8
138 18.7 12.5 18.7

