

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122415\
 Data File : BF084076.D
 Acq On : 24 Dec 2015 13:38
 Operator : UM/SJ
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 24 15:10:26 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 24 15:05:54 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	51394	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	201708	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	97856	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	175163	20.00	ng	0.00
75) Chrysene-d12	13.95	240	132023	20.00	ng	-0.01
86) Perylene-d12	15.37	264	101204	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	61054	20.26	ng	0.00
7) Phenol-d6	6.45	99	70974	20.03	ng	0.00
23) Nitrobenzene-d5	7.37	82	70901	21.59	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	21229	22.55	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	153427	21.10	ng	0.00
78) Terphenyl-d14	12.90	244	161831	29.23	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.34	88	12934	9.01	ng	94
3) Pyridine	3.09	79	30451	9.32	ng	96
4) n-Nitrosodimethylamine	3.00	42	11605	9.56	ng	97
6) Aniline	6.45	93	48604	9.91	ng	89
8) 2-Chlorophenol	6.59	128	37371	10.77	ng	90
9) Benzaldehyde	6.35	77	22345	9.44	ng	89
10) Phenol	6.46	94	43805	10.68	ng	88
11) bis(2-Chloroethyl)ether	6.53	93	31270	9.98	ng	95
12) 1,3-Dichlorobenzene	6.74	146	42321	10.97	ng	98
13) 1,4-Dichlorobenzene	6.74	146	42321	11.24	ng	94
14) 1,2-Dichlorobenzene	6.97	146	41237	11.45	ng	99
15) Benzyl Alcohol	6.94	79	31324	11.23	ng	90
16) 2,2'-oxybis(1-Chloropropan	7.08	45	31757	10.50	ng	76
17) 2-Methylphenol	7.07	107	30737	11.12	ng	# 94
18) Hexachloroethane	7.31	117	16413	11.88	ng	97
19) n-Nitroso-di-n-propylamine	7.21	70	23506	10.94	ng	# 81
20) 3+4-Methylphenols	7.23	107	37179	10.90	ng	# 47
22) Acetophenone	7.21	105	54754	11.57	ng	# 94
24) Nitrobenzene	7.38	77	38634	11.42	ng	95
25) Isophorone	7.62	82	64549	10.37	ng	97
26) 2-Nitrophenol	7.70	139	19072	10.47	ng	# 69
27) 2,4-Dimethylphenol	7.76	122	29211	9.20	ng	94
28) bis(2-Chloroethoxy)methane	7.84	93	41093	10.66	ng	99
29) 2,4-Dichlorophenol	7.95	162	29850	10.53	ng	94
30) 1,2,4-Trichlorobenzene	8.03	180	32635	11.03	ng	97
31) Naphthalene	8.11	128	108957	10.57	ng	98
32) Benzoic acid	7.85	122	11873	8.82	ng	95
33) 4-Chloroaniline	8.16	127	45967	10.91	ng	98
34) Hexachlorobutadiene	8.22	225	19004	10.75	ng	99
35) Caprolactam	8.50	113	8152	9.57	ng	91
36) 4-Chloro-3-methylphenol	8.65	107	33690	11.11	ng	# 83
37) 2-Methylnaphthalene	8.80	142	75188	11.27	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	31212	10.61	ng	96
40) Hexachlorocyclopentadiene	8.96	237	2216	3.24	ng	90

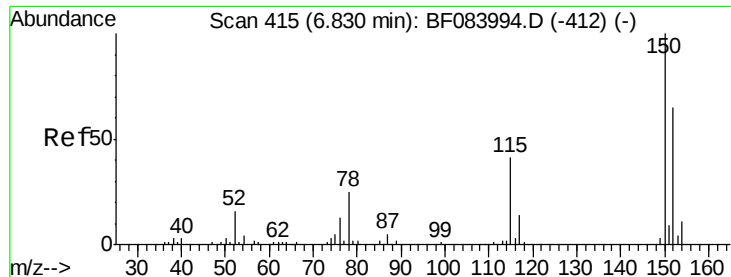
Data Path : Z:\HPCHEM1\BNA F\DATA\BF122415\
 Data File : BF084076.D
 Acq On : 24 Dec 2015 13:38
 Operator : UM/SJ
 Sample : SSTDICC010
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 24 15:05:54 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	22152	12.50	nq	95
43) 2,4,5-Trichlorophenol	9.13	196	21889	11.87	nq #	89
45) 1,1'-Biphenyl	9.25	154	89356	10.33	nq	99
46) 2-Chloronaphthalene	9.29	162	67010	10.76	nq #	89
47) 2-Nitroaniline	9.38	65	18017	10.61	nq	96
48) Acenaphthylene	9.70	152	117102	11.87	nq	99
49) Dimethylphthalate	9.56	163	84180	10.99	nq #	91
50) 2,6-Dinitrotoluene	9.62	165	16973	10.50	nq #	50
51) Acenaphthene	9.87	154	68151	11.62	nq	98
52) 3-Nitroaniline	9.79	138	19534	11.38	nq	95
53) 2,4-Dinitrophenol	9.92	184	1609	2.83	nq	99
54) Dibenzofuran	10.04	168	96851	11.03	nq	97
55) 4-Nitrophenol	9.98	139	8039	7.97	nq	91
56) 2,4-Dinitrotoluene	10.03	165	24716	12.17	nq	86
57) Fluorene	10.38	166	80813	11.62	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	14633	10.07	nq	92
59) Diethylphthalate	10.26	149	87821	11.67	nq	99
60) 4-Chlorophenyl-phenylether	10.37	204	38038	11.94	nq	92
61) 4-Nitroaniline	10.40	138	16536	9.42	nq #	77
62) Azobenzene	10.53	77	66725	10.04	nq	95
64) 4,6-Dinitro-2-methylphenol	10.44	198	7516	7.34	nq	93
65) n-Nitrosodiphenylamine	10.49	169	65303	10.09	nq	97
66) 4-Bromophenyl-phenylether	10.86	248	20504	10.21	nq #	90
67) Hexachlorobenzene	10.93	284	23999	10.95	nq #	92
68) Atrazine	11.02	200	19317	9.88	nq	92
69) Pentachlorophenol	11.14	266	3599	5.27	nq	98
70) Phenanthrene	11.34	178	126939	12.82	nq	98
71) Anthracene	11.39	178	118764	11.81	nq	100
72) Carbazole	11.55	167	107178	11.40	nq	98
73) Di-n-butylphthalate	11.88	149	133231	11.41	nq	99
74) Fluoranthene	12.53	202	149095	15.19	nq	94
76) Benzidine	12.65	184	50269	10.68	nq	99
77) Pyrene	12.76	202	138348	15.45	nq	99
79) Butylbenzylphthalate	13.37	149	46539	11.30	nq	92
80) Benzo(a)anthracene	13.95	228	94049	12.35	nq	98
81) 3,3'-Dichlorobenzidine	13.91	252	25167	8.79	nq #	97
82) Chrysene	13.99	228	85716	12.13	nq	98
83) Bis(2-ethylhexyl)phthalate	13.94	149	61223	10.72	nq #	96
84) Di-n-octyl phthalate	14.55	149	85962	9.78	nq	99
85) Indeno(1,2,3-cd)pyrene	16.77	276	69911	11.96	nq	100
87) Benzo(b)fluoranthene	14.97	252	135447	21.23	nq #	96
88) Benzo(k)fluoranthene	14.97	252	135447	22.32	nq	98
89) Benzo(a)pyrene	15.32	252	60930	10.31	nq	99
90) Dibenzo(a,h)anthracene	16.77	278	59332	12.12	nq	97
91) Benzo(g,h,i)perylene	17.19	276	58678	11.85	nq	98

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

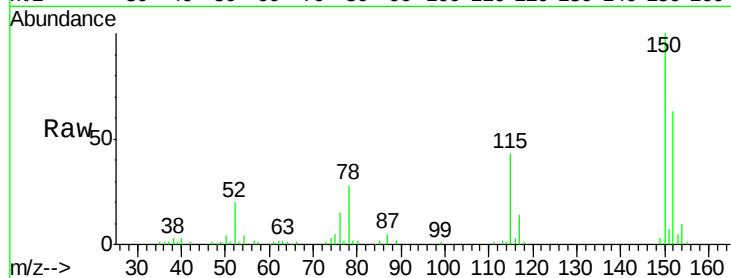


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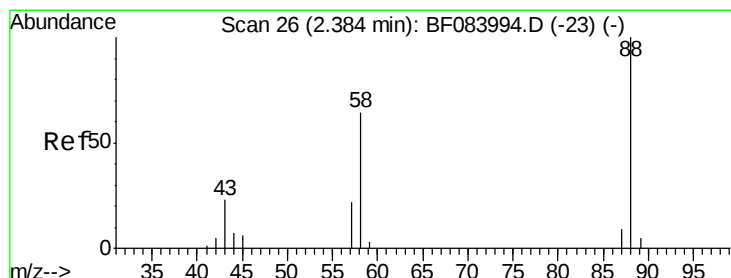
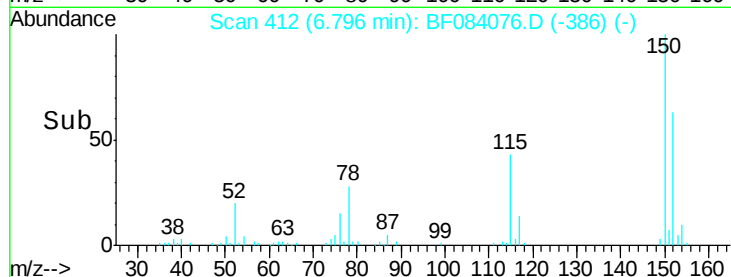
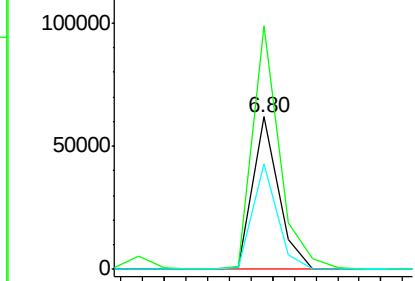
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF084076.D
Acq: 24 Dec 2015 13:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 51394
Ion Ratio Lower Upper
152 100
150 159.8 123.0 184.4
115 68.9 51.4 77.2



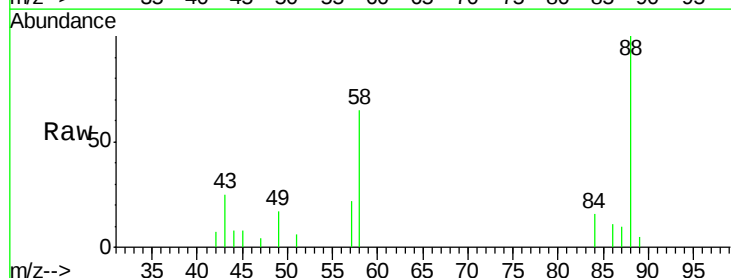
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



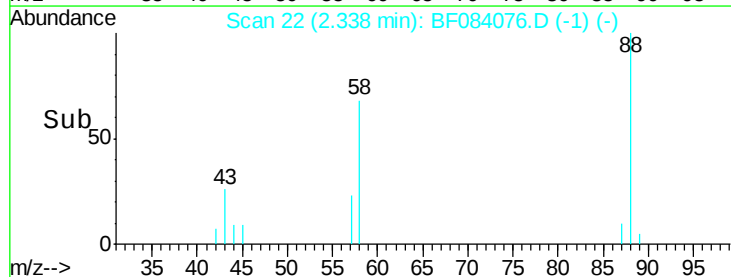
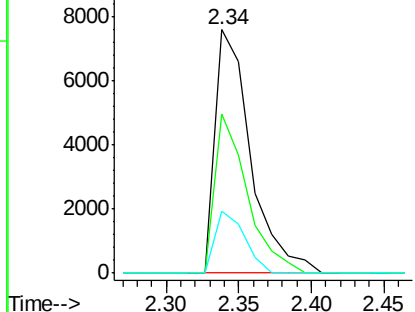
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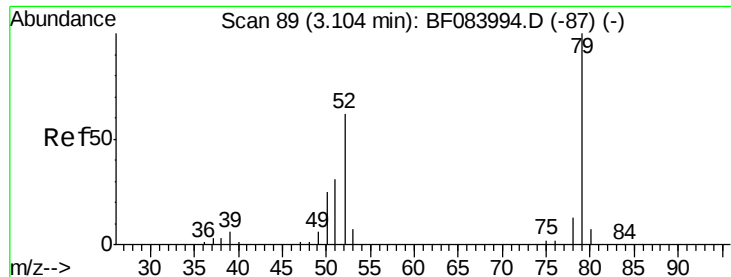
1,4-Dioxane
Concen: 9.01 ng
RT: 2.34 min Scan# 22
Delta R.T. -0.01 min
Lab File: BF084076.D
Acq: 24 Dec 2015 13:38

Tgt Ion: 88 Resp: 12934
Ion Ratio Lower Upper
88 100
58 59.2 51.2 76.8
43 20.9 19.5 29.3



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

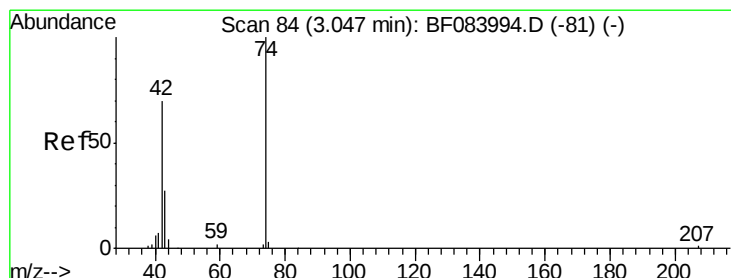
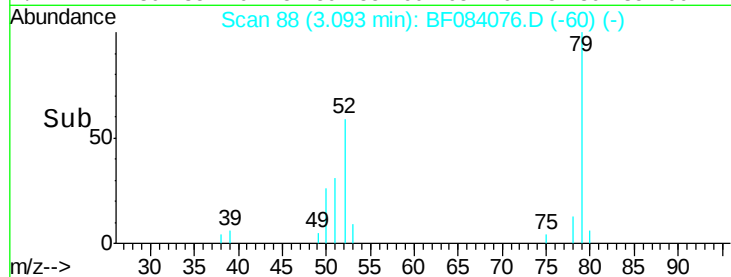
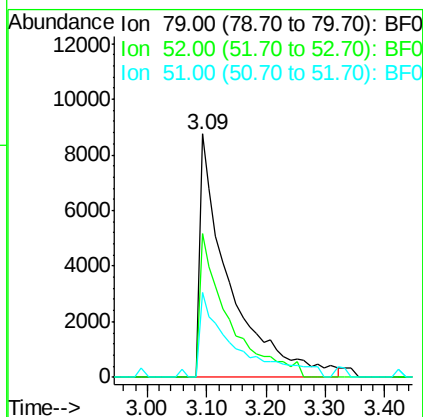
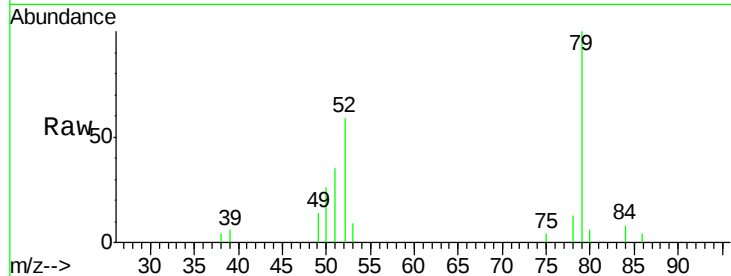




#3
 Pvridine
 Concen: 9.32 ng
 RT: 3.09 min Scan# 88
 Delta R.T. 0.02 min
 Lab File: BF084076.D
 Acq: 24 Dec 2015 13:38

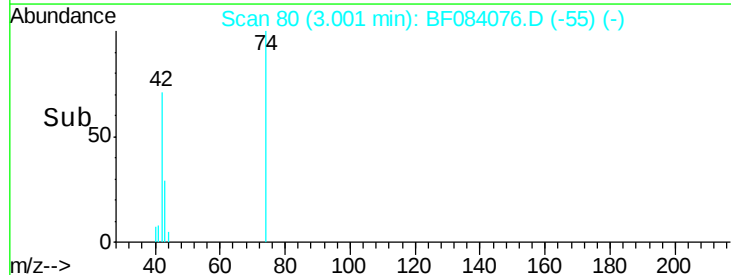
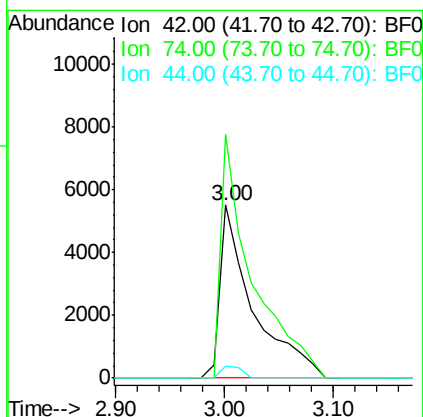
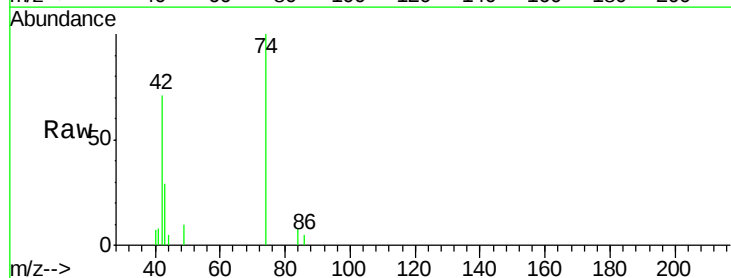
Instrument :
 BNA_F
 ClientSampled :

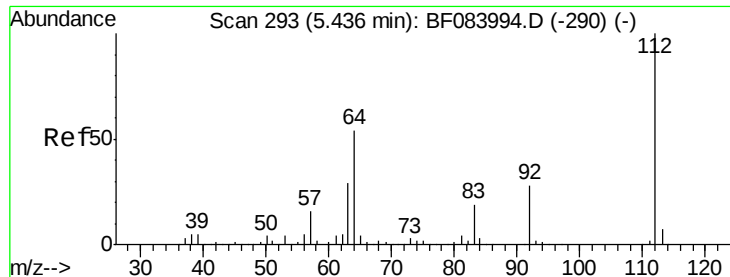
Tot Ion: 79 Resp: 30451
 Ion Ratio Lower Upper
 79 100
 52 58.8 49.0 73.4
 51 34.8 25.2 37.8



#4
 n-Nitrosodimethylamine
 Concen: 9.56 ng
 RT: 3.00 min Scan# 80
 Delta R.T. -0.01 min
 Lab File: BF084076.D
 Acq: 24 Dec 2015 13:38

Tgt Ion: 42 Resp: 11605
 Ion Ratio Lower Upper
 42 100
 74 141.1 115.7 173.5
 44 7.0 5.1 7.7





#5

2-Fluorophenol

Concen: 20.26 ng

RT: 5.41 min Scan# 291

Delta R.T. 0.00 min

Lab File: BF084076.D

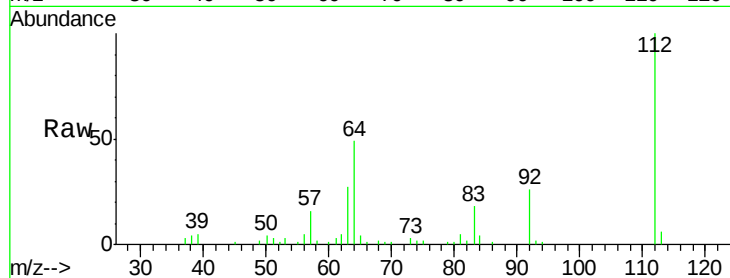
Acq: 24 Dec 2015 13:38

Instrument :

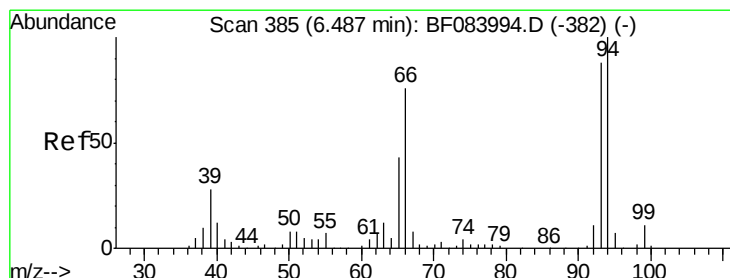
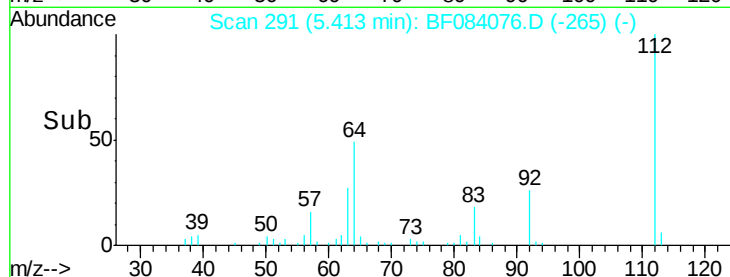
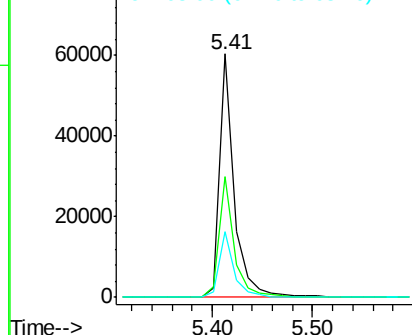
BNA_F

ClientSampleId :

Tot Ion:	112	Resp:	61054
Ion	Ratio	Lower	Upper
112	100		
64	49.5	36.6	55.0
63	27.1	19.4	29.0



Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 9.91 ng

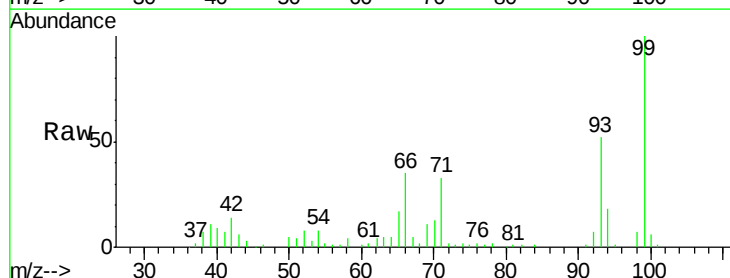
RT: 6.45 min Scan# 382

Delta R.T. -0.01 min

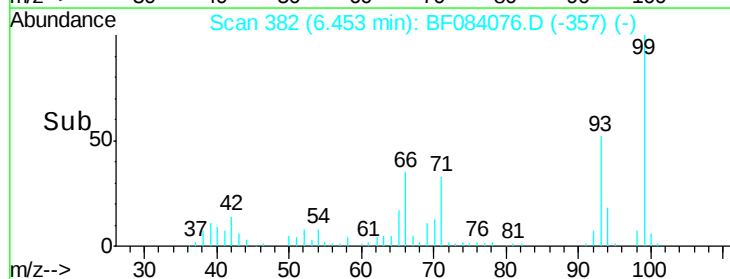
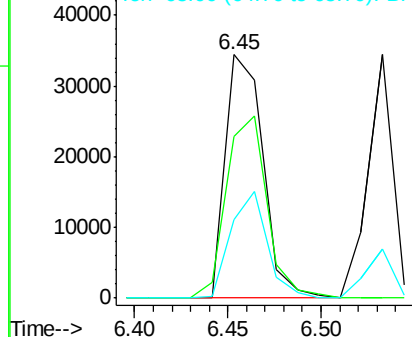
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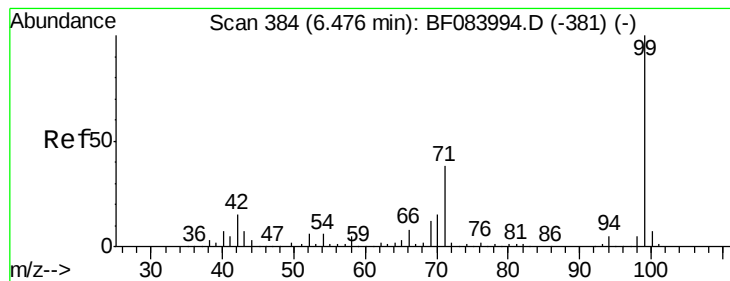
Acq: 24 Dec 2015 13:38

Tgt Ion:	93	Resp:	48604
Ion	Ratio	Lower	Upper
93	100		
66	66.5	44.9	67.3
65	32.3	23.7	35.5



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 20.03 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.00 min

Lab File: BF084076.D

Acq: 24 Dec 2015 13:38

Instrument :

BNA_F

ClientSampleId :

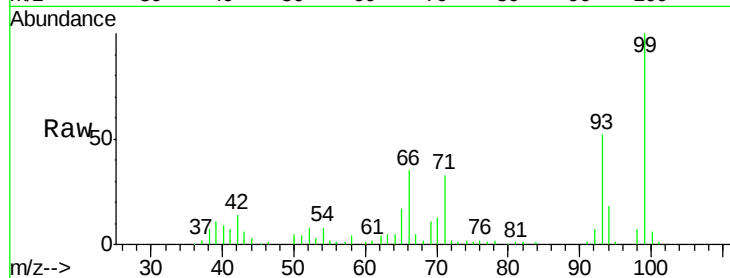
Tot Ion: 99 Resp: 70974

Ion Ratio Lower Upper

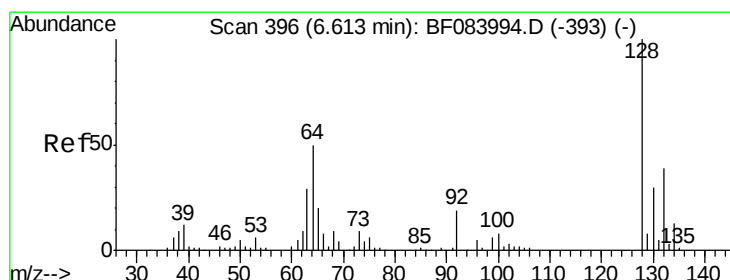
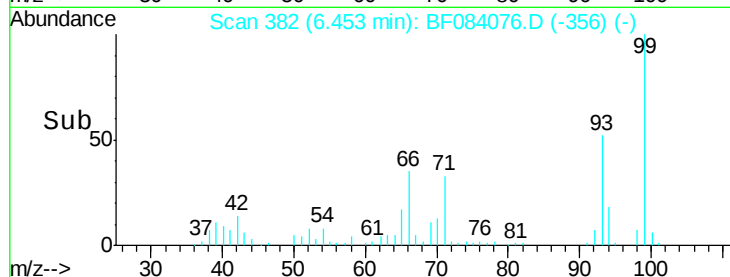
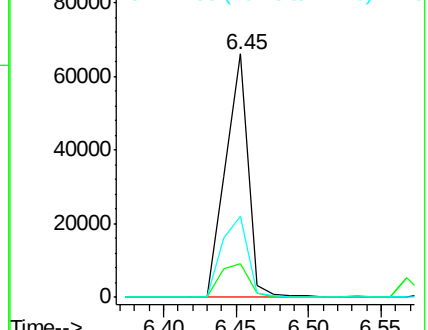
99 100

42 13.6 12.8 19.2

71 33.1 30.9 46.3



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



#8

2-Chlorophenol

Concen: 10.77 ng

RT: 6.59 min Scan# 394

Delta R.T. 0.00 min

Lab File: BF084076.D

Acq: 24 Dec 2015 13:38

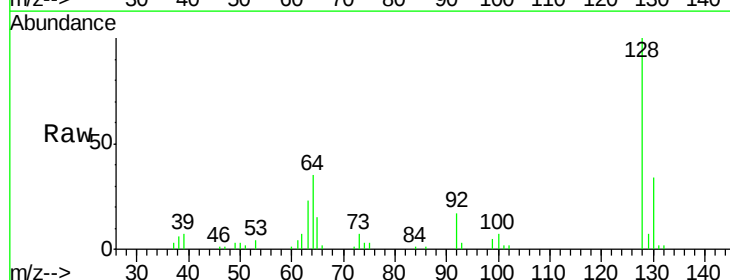
Tgt Ion: 128 Resp: 37371

Ion Ratio Lower Upper

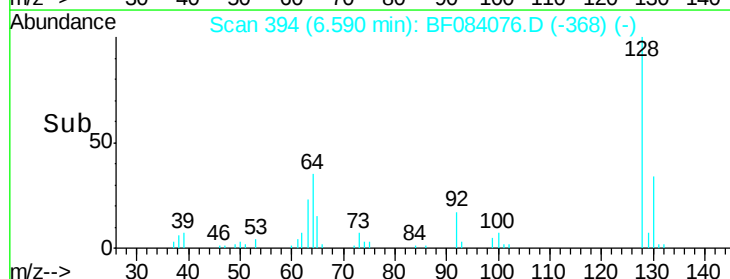
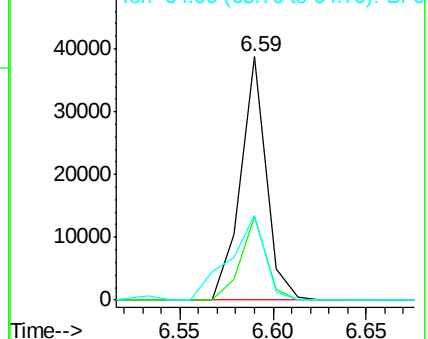
128 100

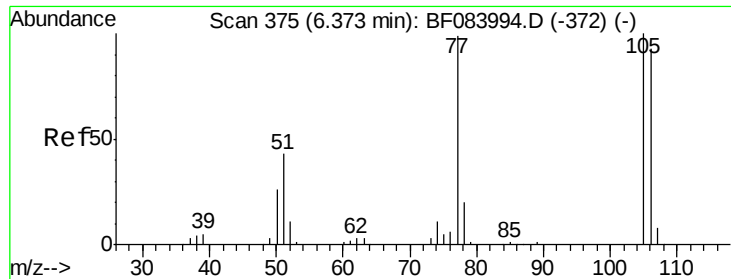
130 34.4 11.6 51.6

64 35.0 23.8 63.8



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

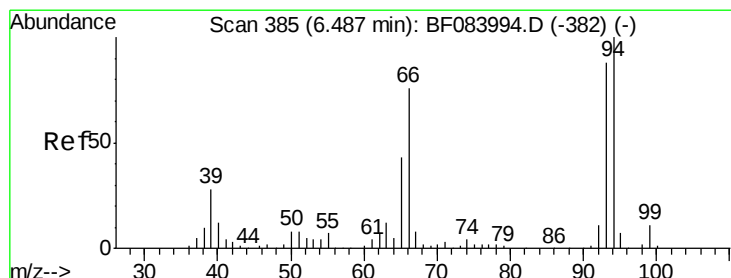
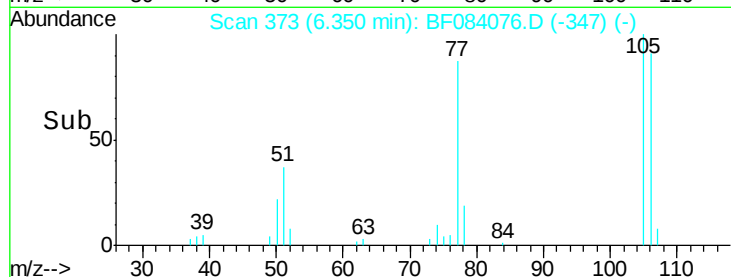
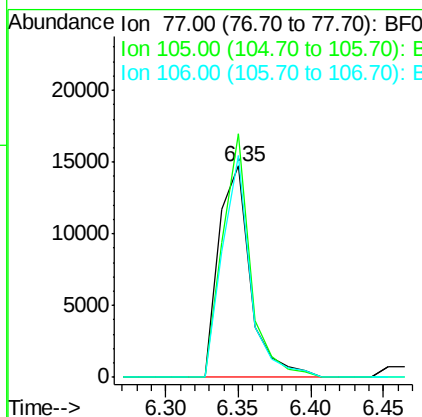
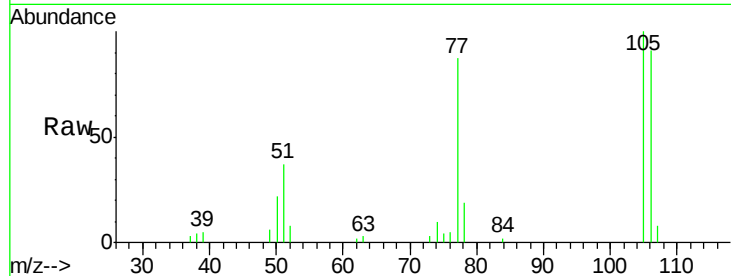




#9
Benzaldehyde
Concen: 9.44 ng
RT: 6.35 min Scan# 373
Delta R.T. 0.00 min
Lab File: BF084076.D
Acq: 24 Dec 2015 13:38

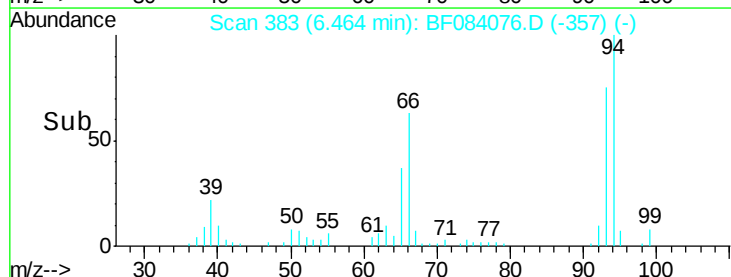
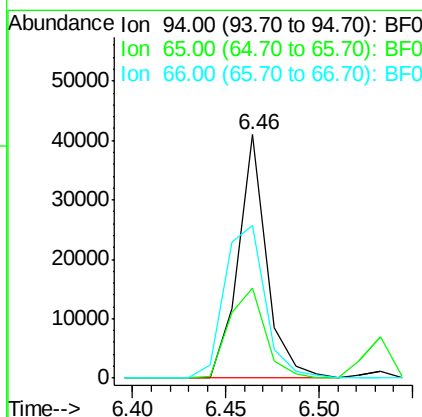
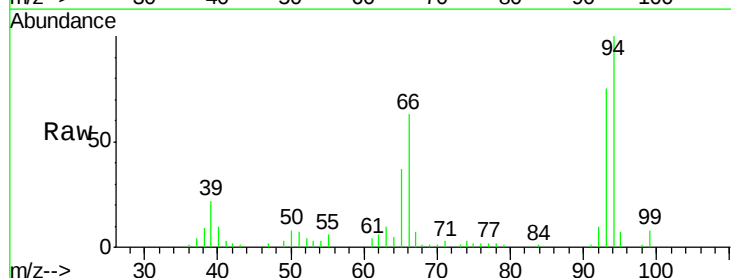
Instrument :
BNA_F
ClientSampleId :

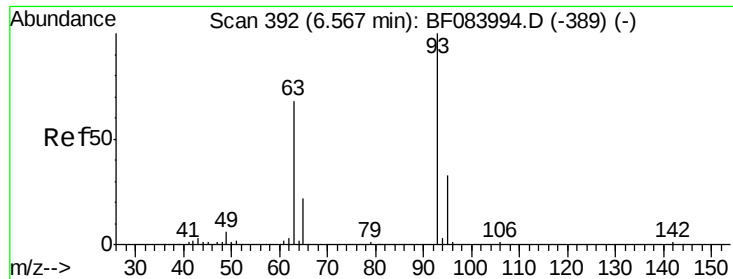
Tot Ion: 77 Resp: 22345
Ion Ratio Lower Upper
77 100
105 115.2 83.0 123.0
106 105.1 74.6 114.6



#10
Phenol
Concen: 10.68 ng
RT: 6.46 min Scan# 383
Delta R.T. 0.00 min
Lab File: BF084076.D
Acq: 24 Dec 2015 13:38

Tgt Ion: 94 Resp: 43805
Ion Ratio Lower Upper
94 100
65 37.0 12.9 52.9
66 62.8 32.7 72.7





#11

bis(2-Chloroethyl)ether

Concen: 9.98 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF084076.D

Acq: 24 Dec 2015 13:38

Instrument :

BNA_F

ClientSampleId :

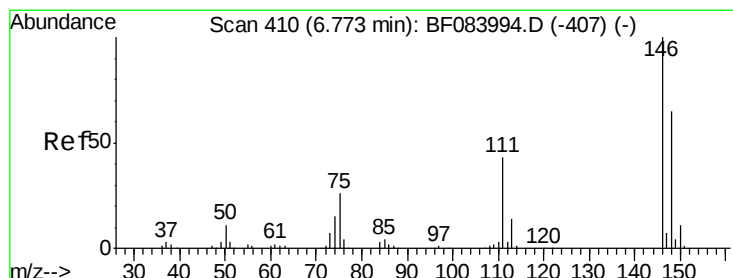
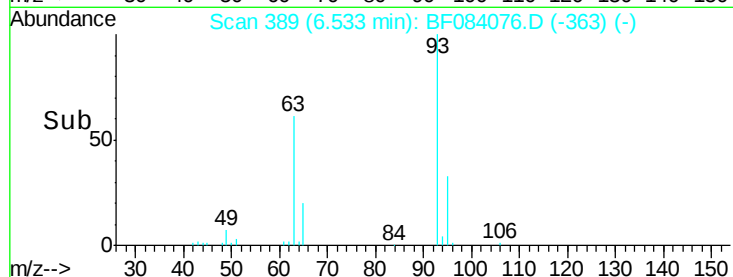
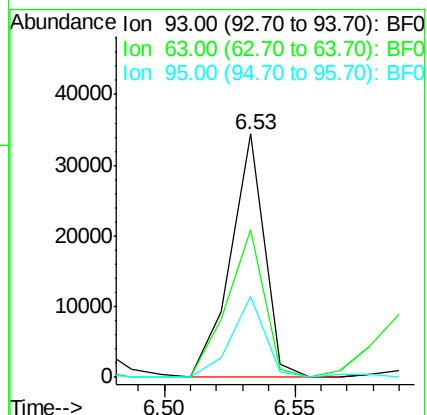
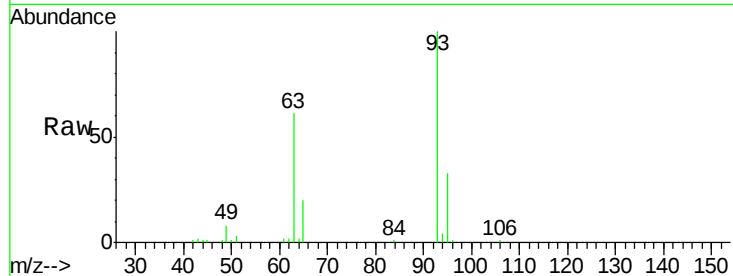
Tot Ion: 93 Resp: 31270

Ion Ratio Lower Upper

93 100

63 60.7 45.9 85.9

95 33.1 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 10.97 ng

RT: 6.74 min Scan# 407

Delta R.T. 0.00 min

Lab File: BF084076.D

Acq: 24 Dec 2015 13:38

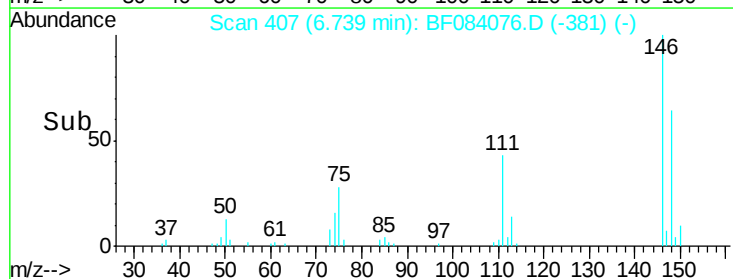
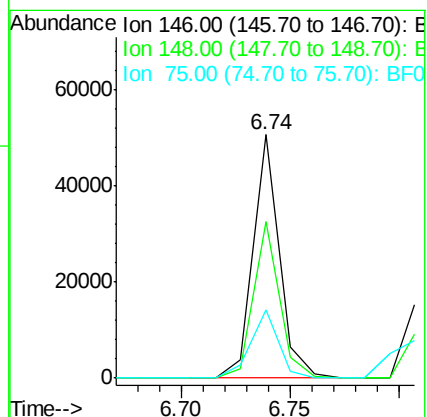
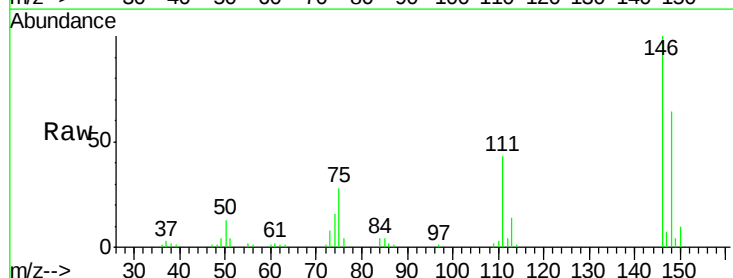
Tgt Ion: 146 Resp: 42321

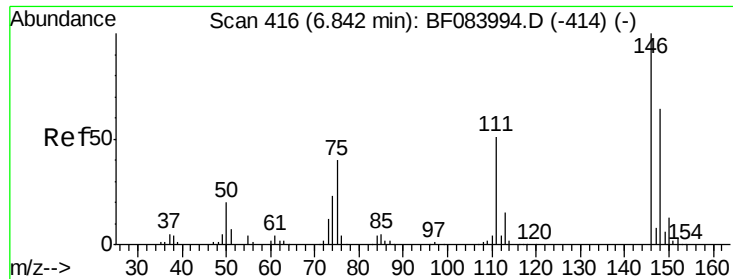
Ion Ratio Lower Upper

146 100

148 64.4 51.9 77.9

75 28.0 20.5 30.7

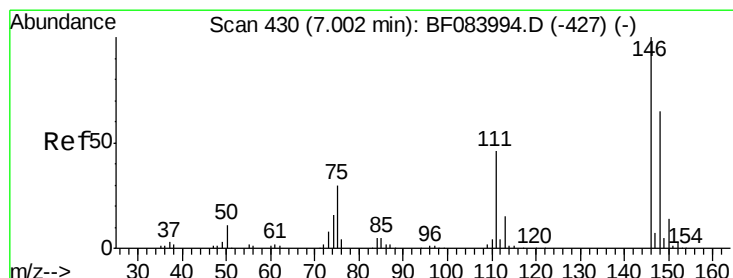
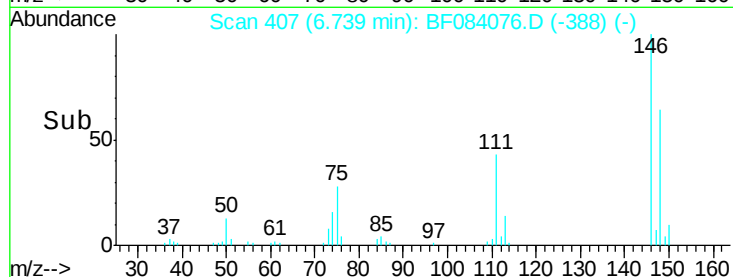
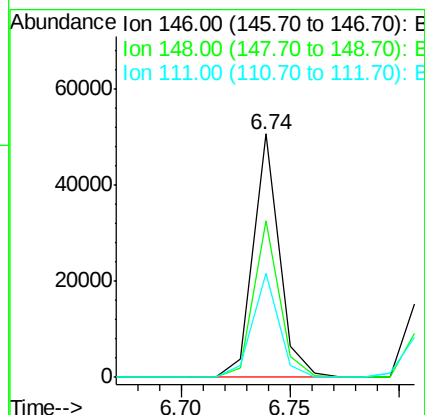
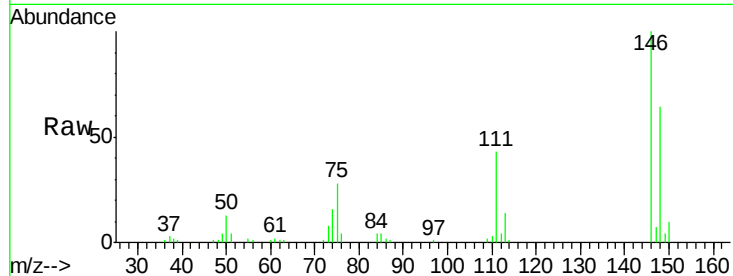




#13
 1,4-Dichlorobenzene
 Concen: 11.24 ng
 RT: 6.74 min Scan# 407
 Delta R.T. -0.08 min
 Lab File: BF084076.D
 Acq: 24 Dec 2015 13:38

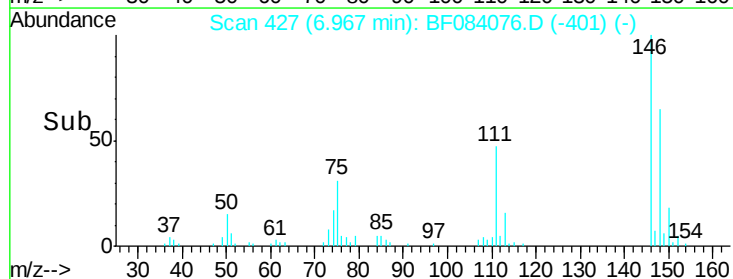
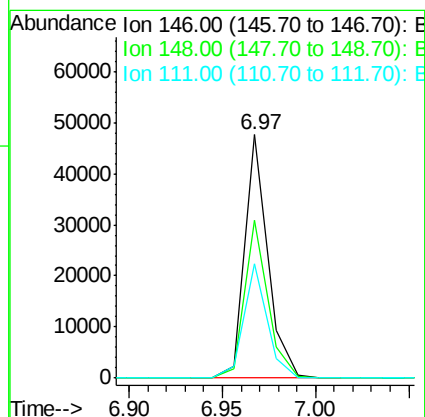
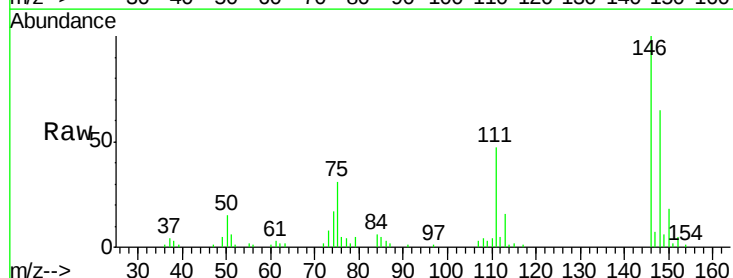
Instrument :
 BNA_F
 ClientSampleId :

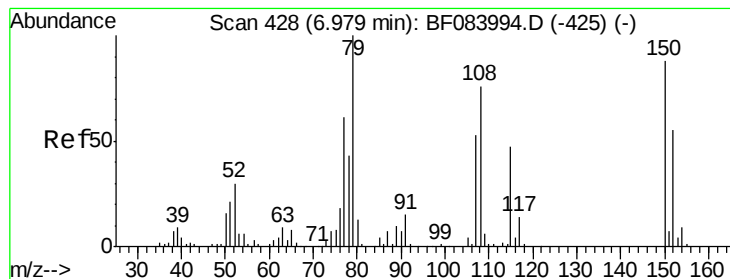
Tot Ion:146 Resp: 42321
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.9 77.9
 111 42.7 41.6 62.4



#14
 1,2-Dichlorobenzene
 Concen: 11.45 ng
 RT: 6.97 min Scan# 427
 Delta R.T. 0.00 min
 Lab File: BF084076.D
 Acq: 24 Dec 2015 13:38

Tgt Ion:146 Resp: 41237
 Ion Ratio Lower Upper
 146 100
 148 65.0 51.6 77.4
 111 46.9 38.0 57.0





#15

Benzyl Alcohol

Concen: 11.23 ng

RT: 6.94 min Scan# 425

Delta R.T. -0.01 min

Lab File: BF084076.D

Acq: 24 Dec 2015 13:38

Instrument :

BNA_F

ClientSampleId :

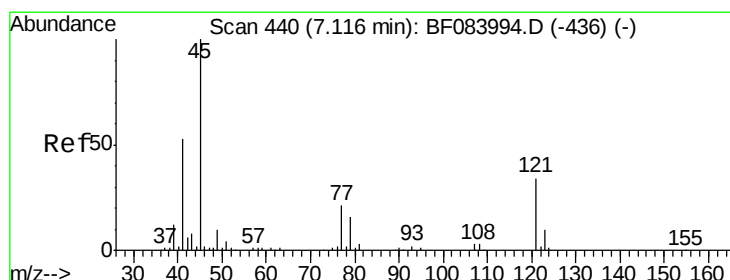
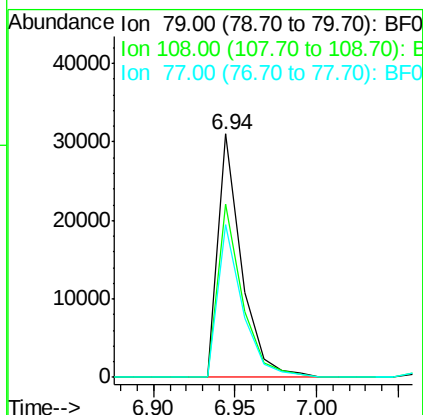
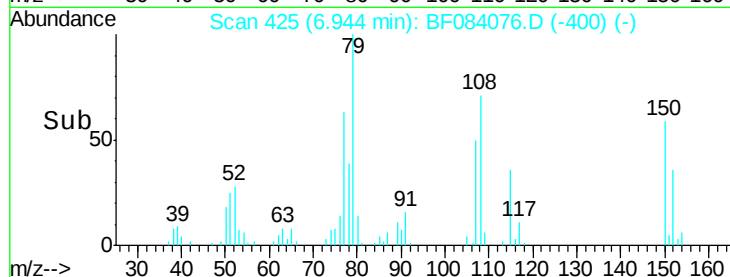
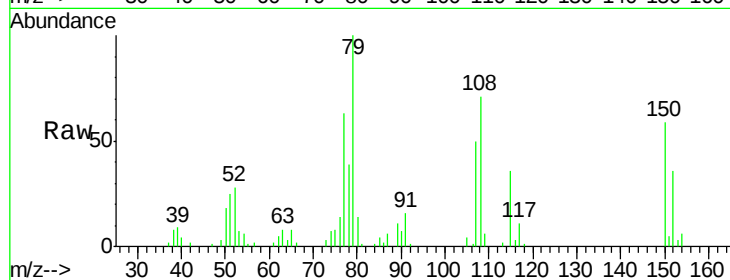
Tot Ion: 79 Resp: 31324

Ion Ratio Lower Upper

79 100

108 71.1 69.0 103.4

77 62.5 50.0 75.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 10.50 ng

RT: 7.08 min Scan# 437

Delta R.T. 0.00 min

Lab File: BF084076.D

Acq: 24 Dec 2015 13:38

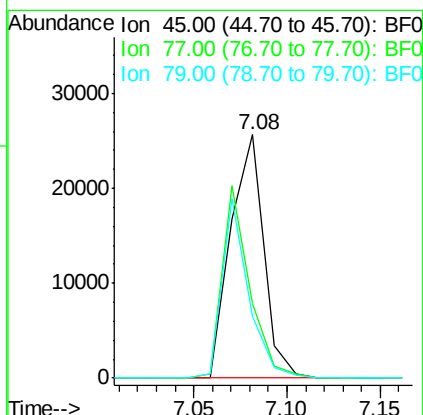
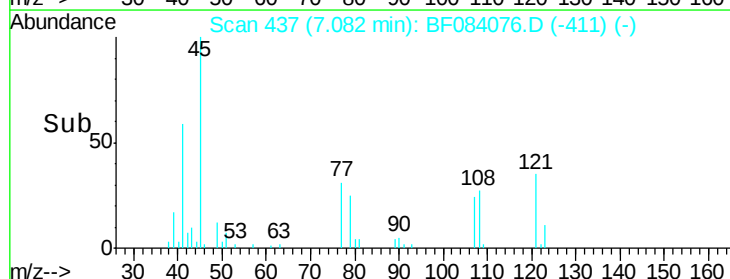
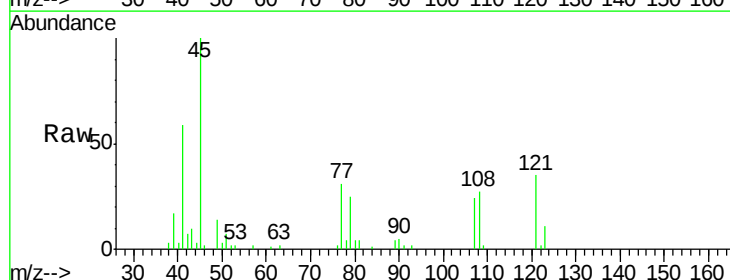
Tgt Ion: 45 Resp: 31757

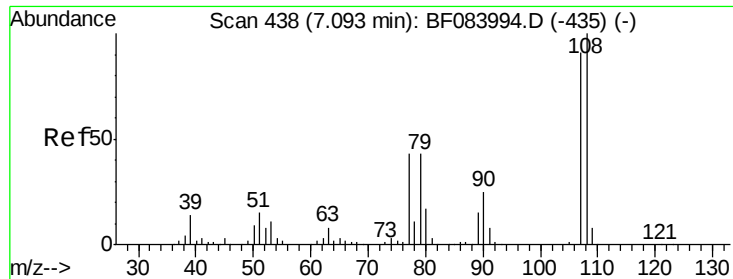
Ion Ratio Lower Upper

45 100

77 30.5 0.0 39.6

79 25.4 0.0 35.0

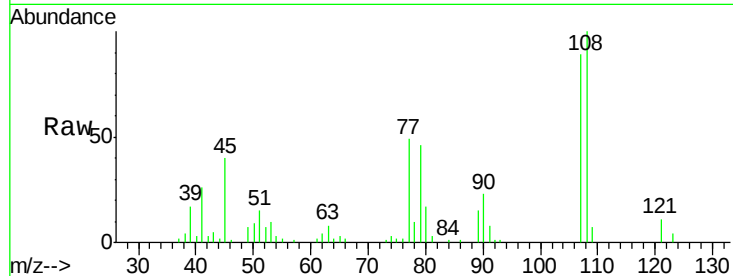




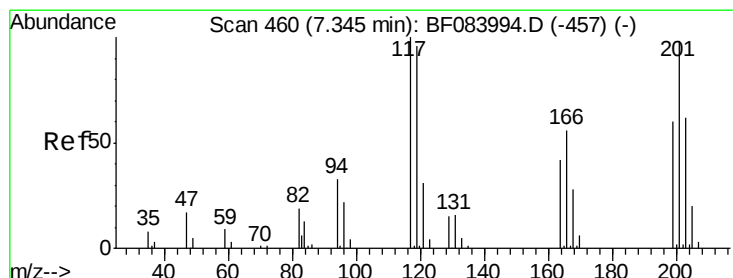
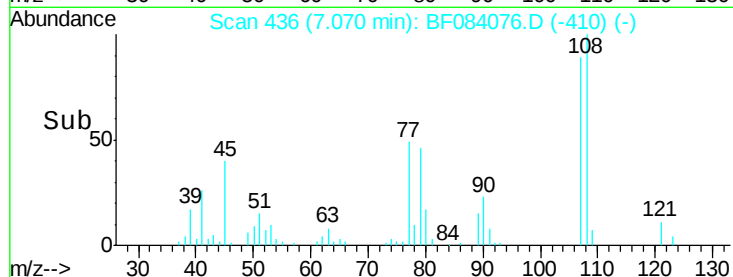
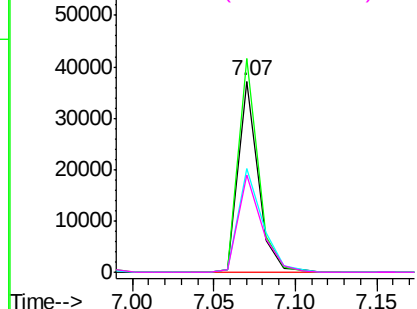
#17
2-Methylphenol
Concen: 11.12 ng
RT: 7.07 min Scan# 436
Delta R.T. 0.00 min
Lab File: BF084076.D
Acq: 24 Dec 2015 13:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 30737
Ion Ratio Lower Upper
107 100
108 111.9 89.8 134.6
77 54.6 35.7 53.5#
79 50.9 35.7 53.5

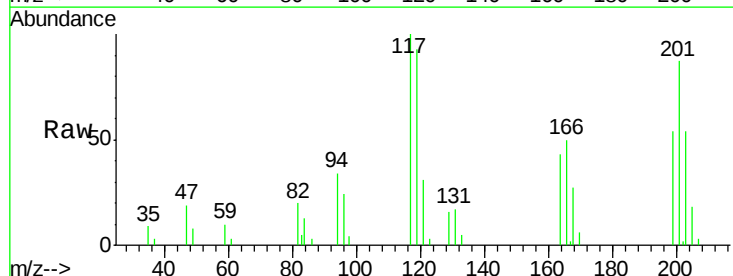


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

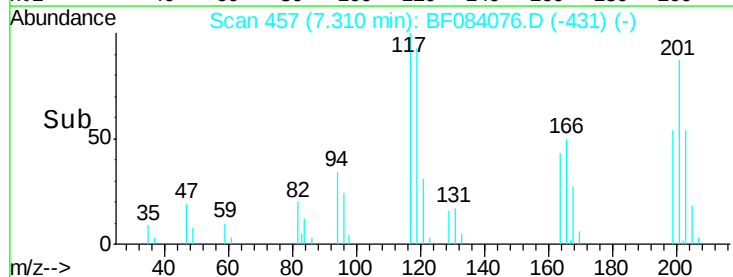
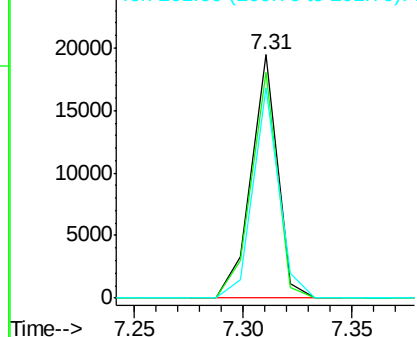


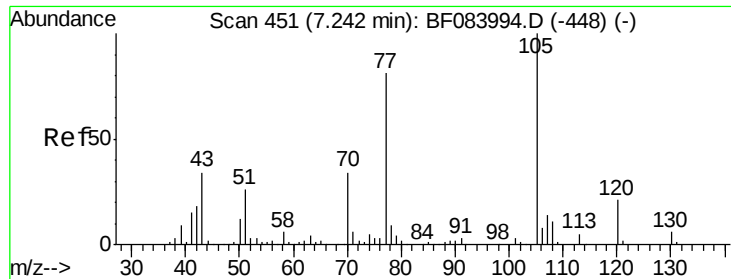
#18
Hexachloroethane
Concen: 11.88 ng
RT: 7.31 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF084076.D
Acq: 24 Dec 2015 13:38

Tgt Ion:117 Resp: 16413
Ion Ratio Lower Upper
117 100
119 92.6 77.4 116.0
201 86.6 68.6 103.0



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

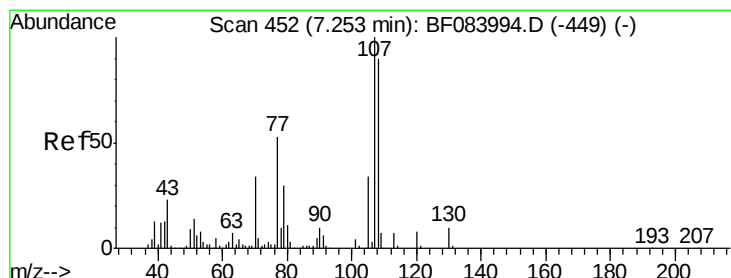
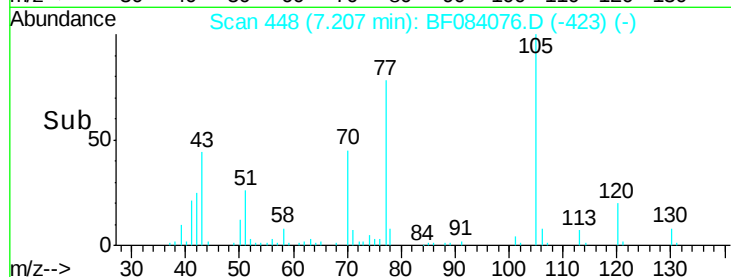
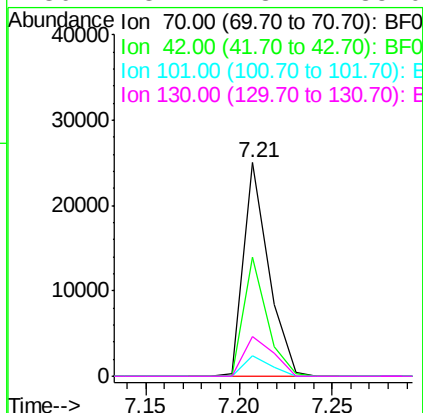
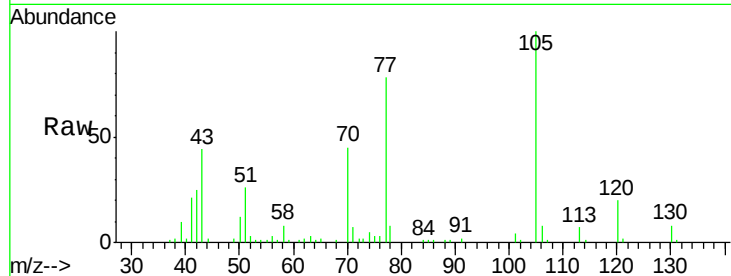




#19
n-Nitroso-di-n-propylamine
Concen: 10.94 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.01 min
Lab File: BF084076.D
Acq: 24 Dec 2015 13:38

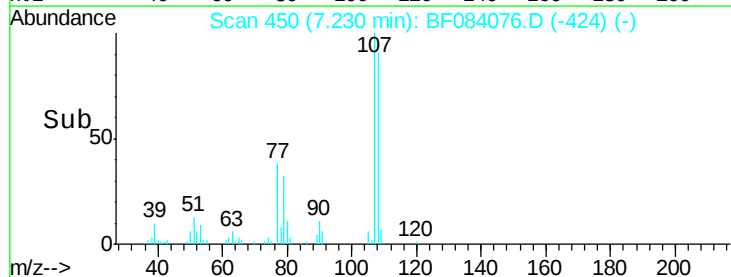
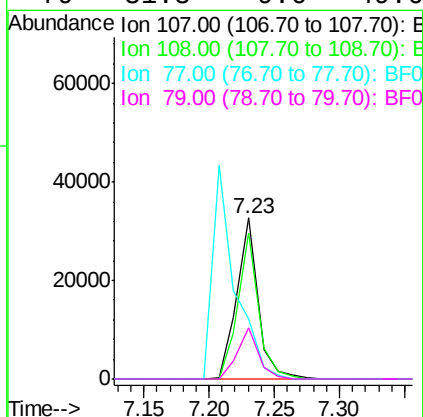
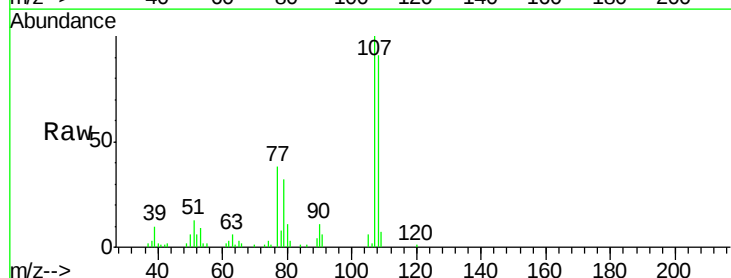
Instrument :
BNA_F
ClientSampleId :

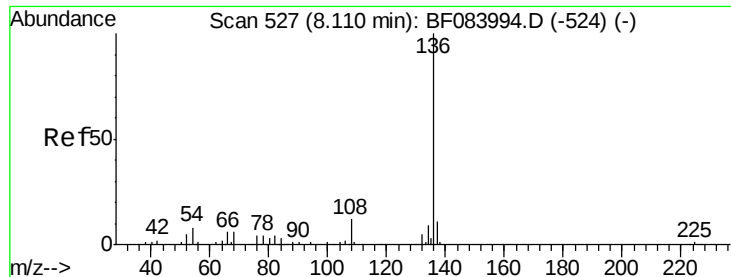
Tot Ion: 70 Resp: 23506
Ion Ratio Lower Upper
70 100
42 55.9 33.3 49.9#
101 9.6 9.3 13.9
130 18.4 23.4 35.0#



#20
3+4-Methylphenols
Concen: 10.90 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.00 min
Lab File: BF084076.D
Acq: 24 Dec 2015 13:38

Tgt Ion:107 Resp: 37179
Ion Ratio Lower Upper
107 100
108 91.0 64.1 104.1
77 37.6 128.9 168.9#
79 31.8 9.6 49.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 525

Delta R.T. 0.00 min

Lab File: BF084076.D

Acq: 24 Dec 2015 13:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 201708

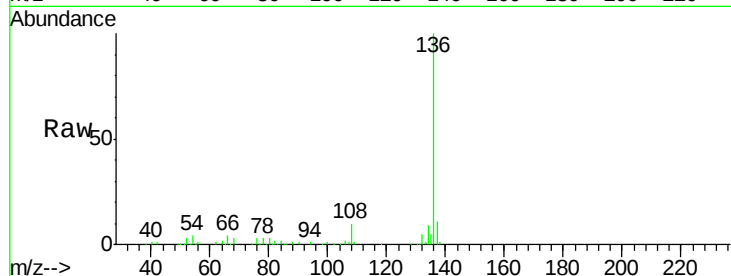
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 4.2 5.8 8.8#

68 3.5 4.2 6.2#

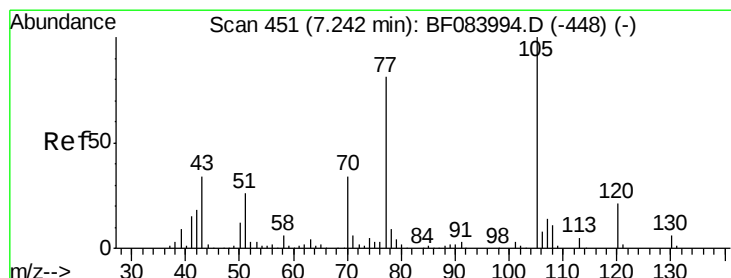
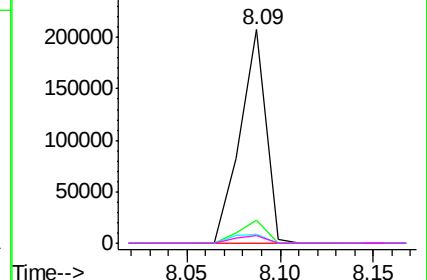
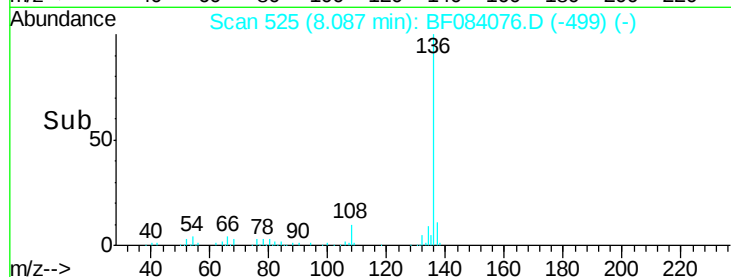


Abundance Ion 136.00 (135.70 to 136.70): E

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: 11.57 ng

RT: 7.21 min Scan# 448

Delta R.T. -0.01 min

Lab File: BF084076.D

Acq: 24 Dec 2015 13:38

Tgt Ion:105 Resp: 54754

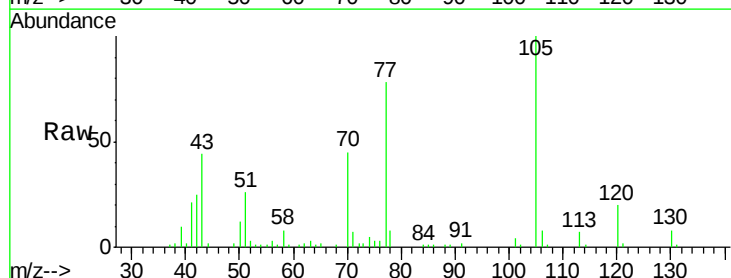
Ion Ratio Lower Upper

105 100

71 7.2 3.7 5.5#

51 25.9 25.1 37.7

120 20.4 16.6 25.0

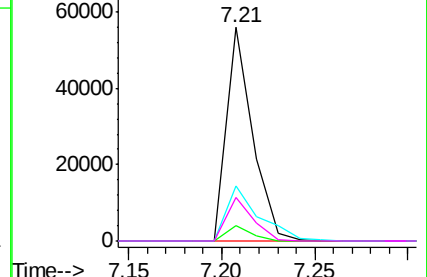
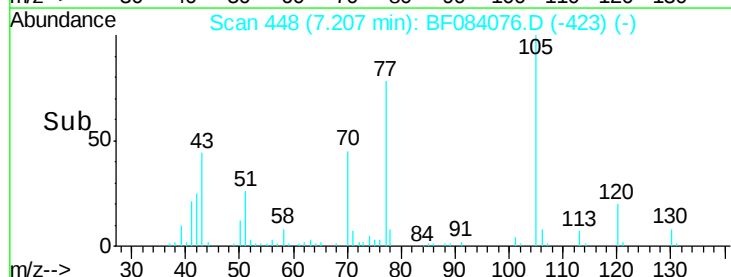


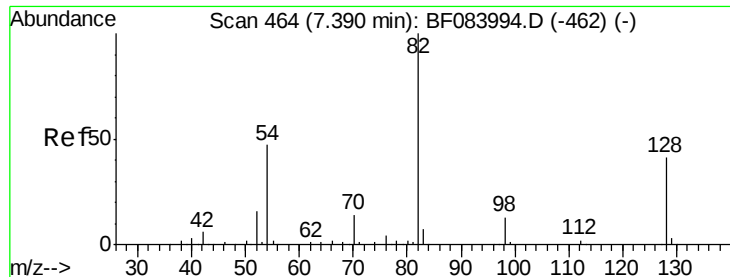
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

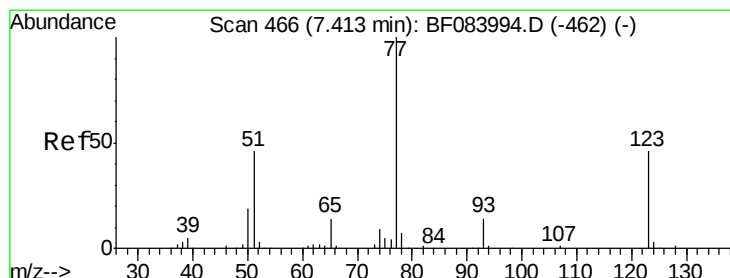
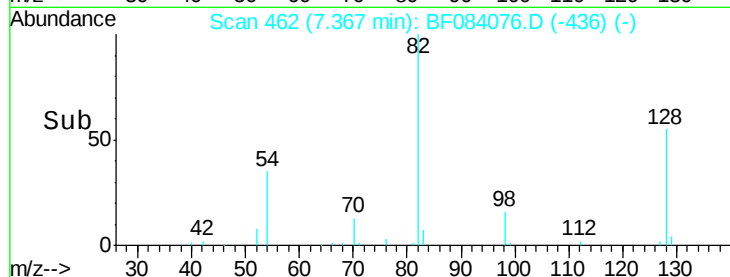
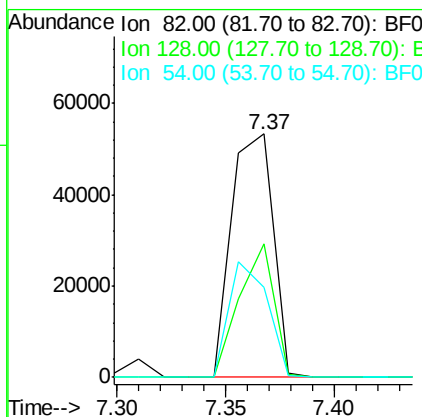
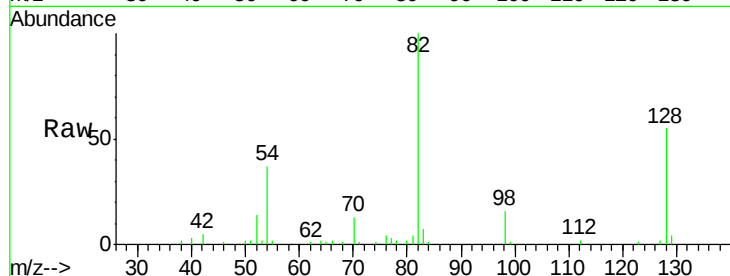




#23
 Nitrobenzene-d5
 Concen: 21.59 ng
 RT: 7.37 min Scan# 462
 Delta R.T. 0.00 min
 Lab File: BF084076.D
 Acq: 24 Dec 2015 13:38

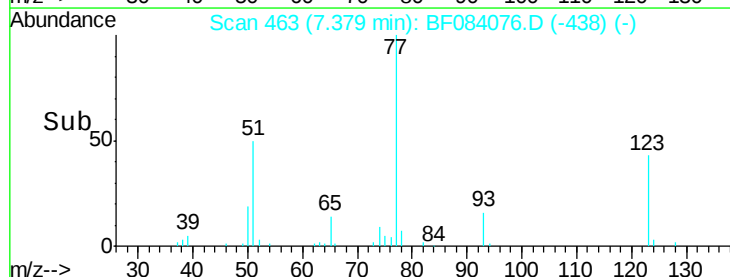
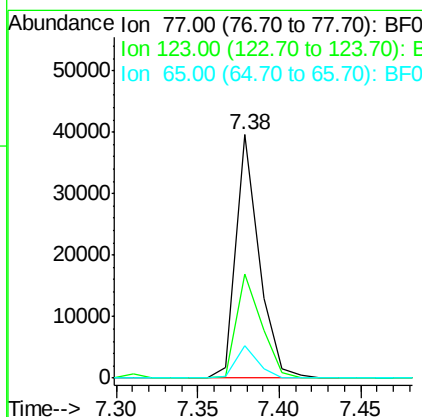
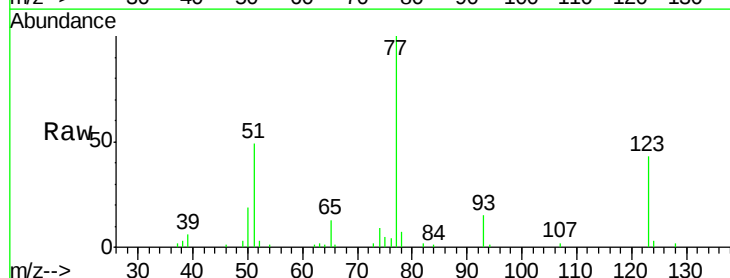
Instrument :
 BNA_F
 ClientSampleId :

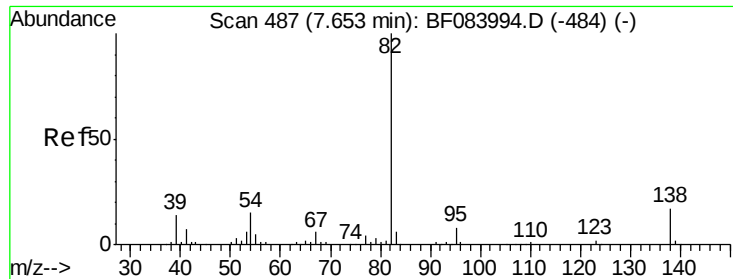
Tot Ion: 82 Resp: 70901
 Ion Ratio Lower Upper
 82 100
 128 54.9 34.6 51.8#
 54 36.8 38.4 57.6#



#24
 Nitrobenzene
 Concen: 11.42 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.01 min
 Lab File: BF084076.D
 Acq: 24 Dec 2015 13:38

Tgt Ion: 77 Resp: 38634
 Ion Ratio Lower Upper
 77 100
 123 42.7 37.4 56.2
 65 13.3 10.9 16.3





#25

Isophorone

Concen: 10.37 ng

RT: 7.62 min Scan# 484

Delta R.T. -0.01 min

Lab File: BF084076.D

Acq: 24 Dec 2015 13:38

Instrument :

BNA_F

ClientSampleId :

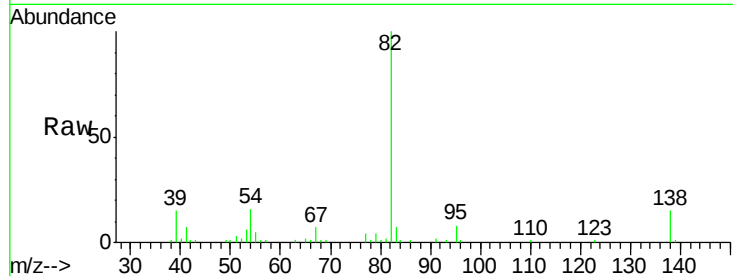
Tot Ion: 82 Resp: 64549

Ion Ratio Lower Upper

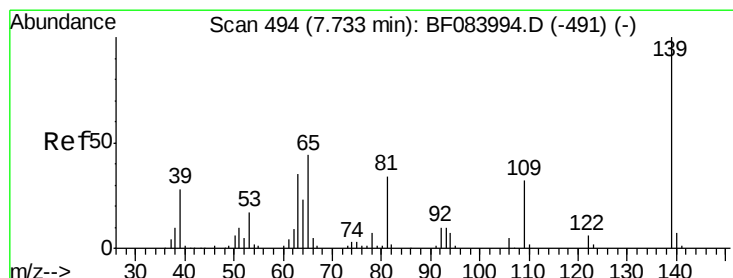
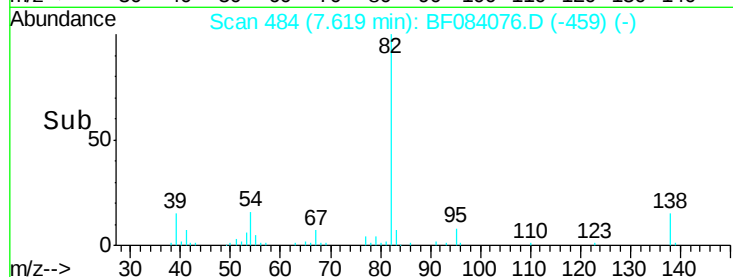
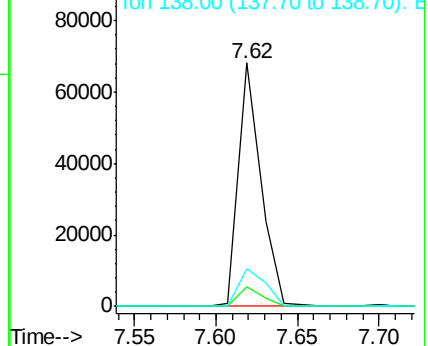
82 100

95 8.0 6.6 10.0

138 15.4 13.6 20.4



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



#26

2-Nitrophenol

Concen: 10.47 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.01 min

Lab File: BF084076.D

Acq: 24 Dec 2015 13:38

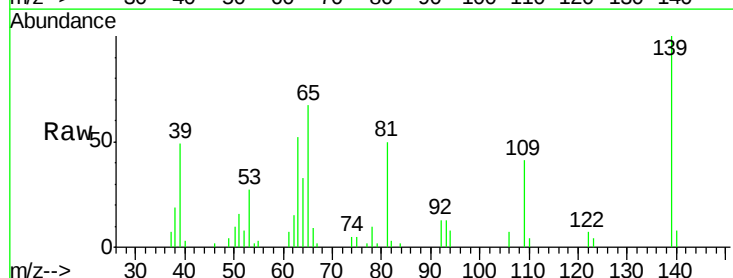
Tgt Ion: 139 Resp: 19072

Ion Ratio Lower Upper

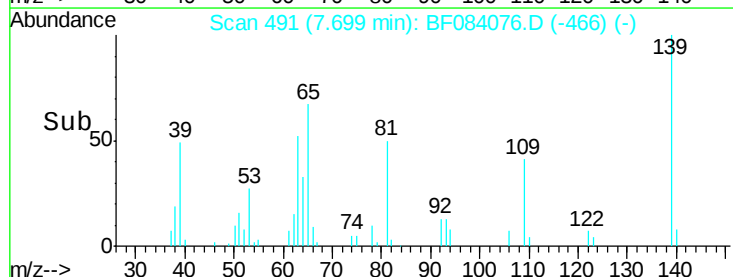
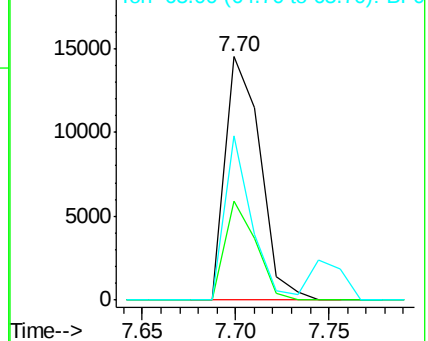
139 100

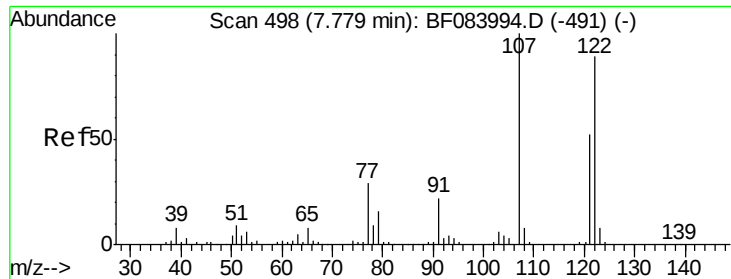
109 40.6 25.4 38.2#

65 67.4 32.3 48.5#



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





#27

2,4-Dimethylphenol

Concen: 9.20 ng

RT: 7.76 min Scan# 496

Delta R.T. 0.00 min

Lab File: BF084076.D

Acq: 24 Dec 2015 13:38

Instrument :

BNA_F

ClientSampled :

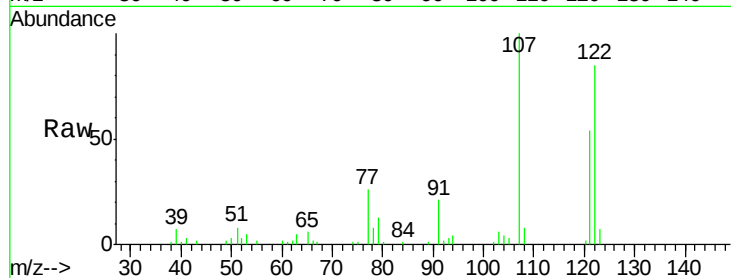
Tot Ion:122 Resp: 29211

Ion Ratio Lower Upper

122 100

107 117.6 99.1 148.7

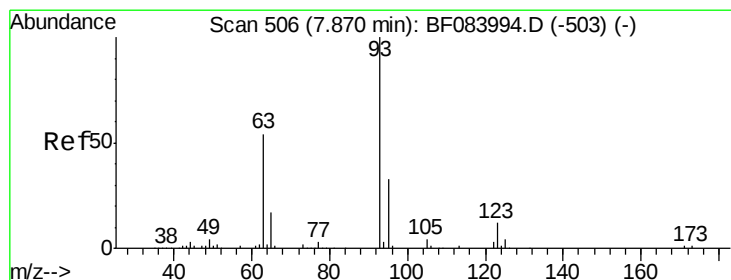
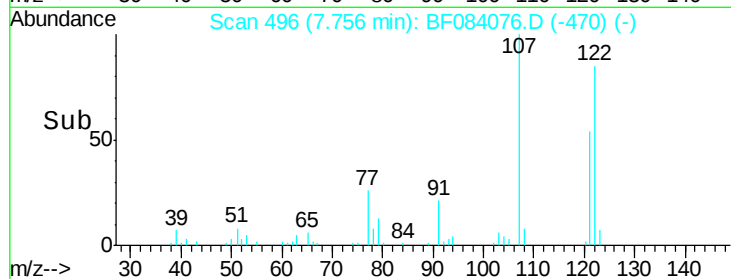
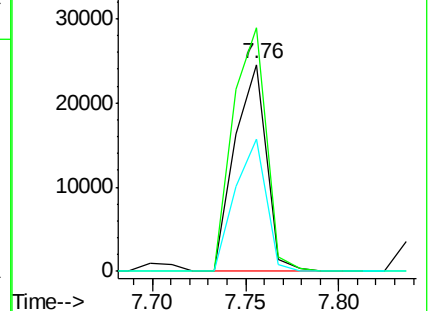
121 64.0 47.9 71.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 10.66 ng

RT: 7.84 min Scan# 503

Delta R.T. 0.00 min

Lab File: BF084076.D

Acq: 24 Dec 2015 13:38

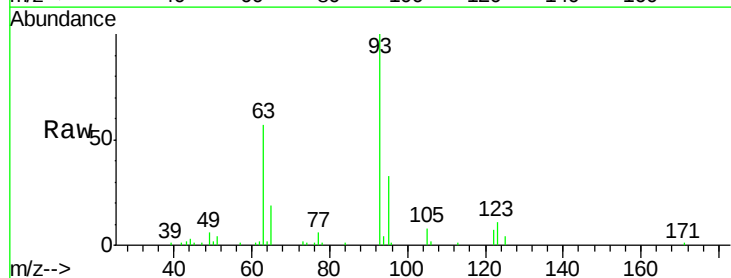
Tgt Ion: 93 Resp: 41093

Ion Ratio Lower Upper

93 100

95 33.1 25.8 38.6

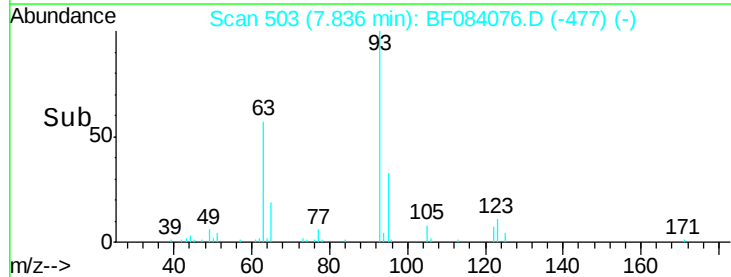
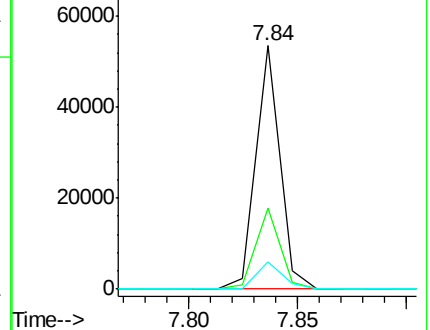
123 11.1 8.6 12.8

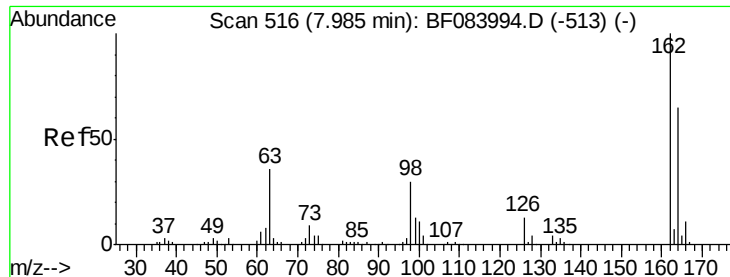


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

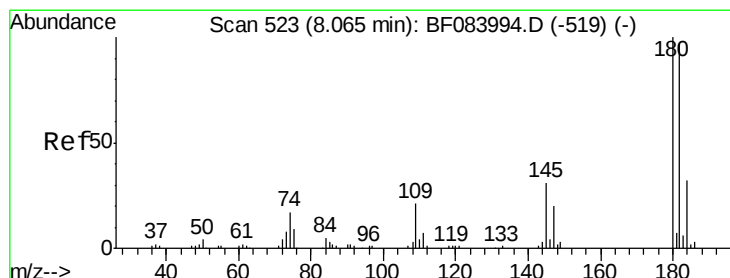
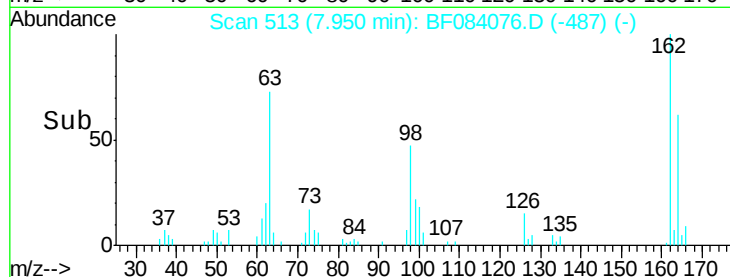
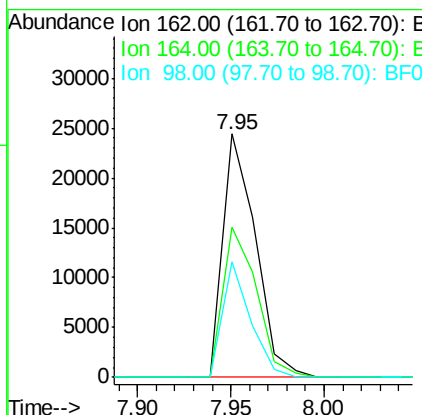
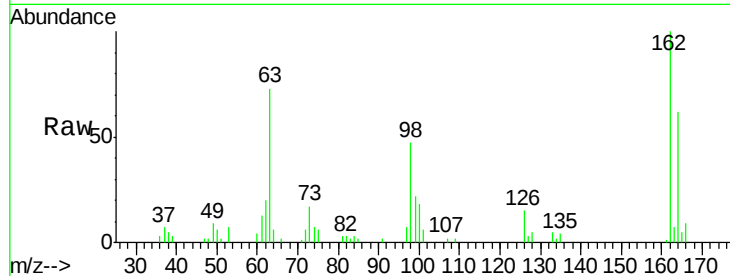




#29
2,4-Dichlorophenol
Concen: 10.53 ng
RT: 7.95 min Scan# 513
Delta R.T. 0.00 min
Lab File: BF084076.D
Acq: 24 Dec 2015 13:38

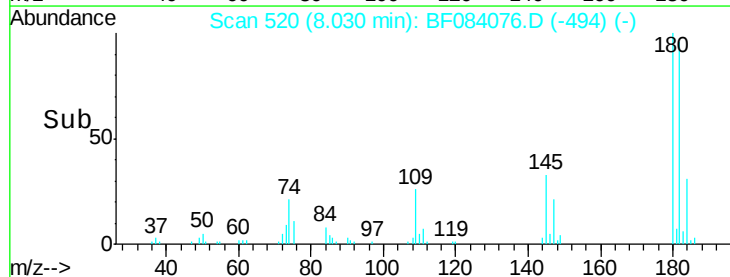
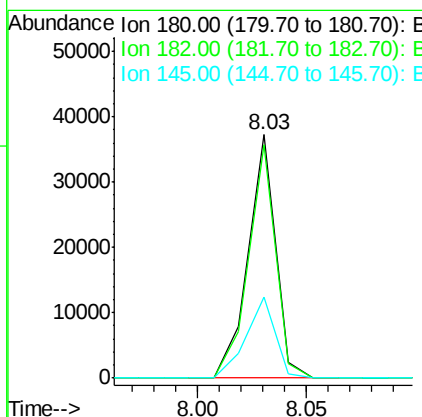
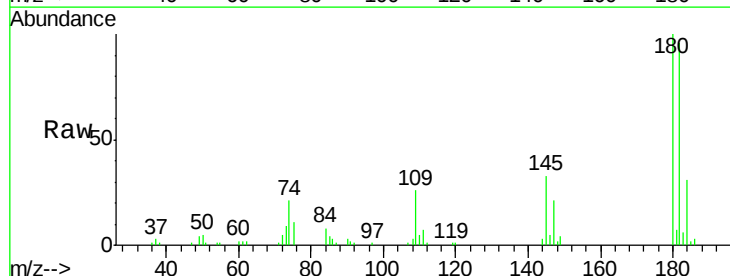
Instrument :
BNA_F
ClientSampleId :

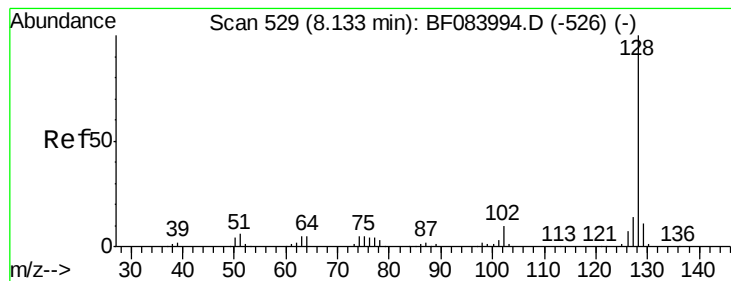
Tot Ion:162 Resp: 29850
Ion Ratio Lower Upper
162 100
164 61.8 44.1 84.1
98 47.2 20.2 60.2



#30
1,2,4-Trichlorobenzene
Concen: 11.03 ng
RT: 8.03 min Scan# 520
Delta R.T. 0.00 min
Lab File: BF084076.D
Acq: 24 Dec 2015 13:38

Tgt Ion:180 Resp: 32635
Ion Ratio Lower Upper
180 100
182 96.1 76.4 114.6
145 33.3 31.6 47.4





#31

Naphthalene

Concen: 10.57 ng

RT: 8.11 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF084076.D

Acq: 24 Dec 2015 13:38

Instrument :

BNA_F

ClientSampleId :

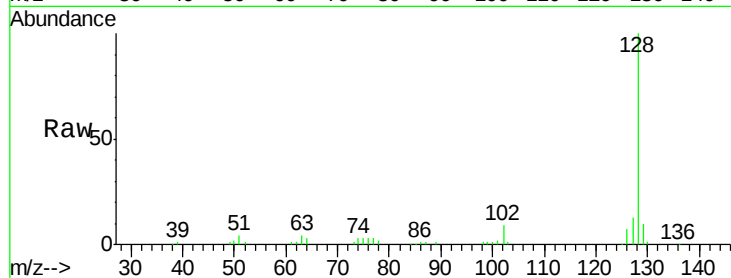
Tot Ion:128 Resp: 108957

Ion Ratio Lower Upper

128 100

129 10.4 9.1 13.7

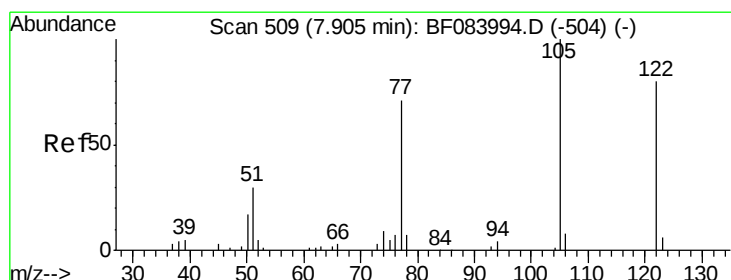
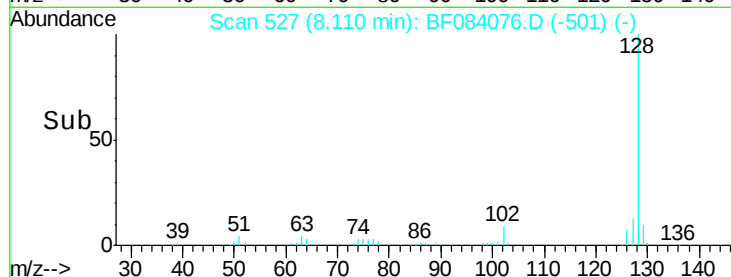
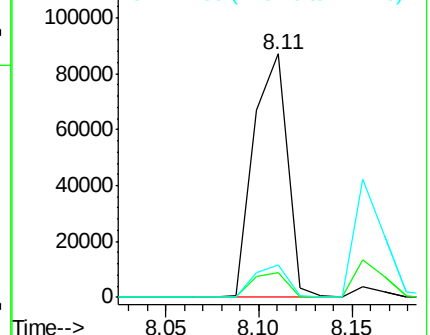
127 13.1 11.1 16.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 8.82 ng

RT: 7.85 min Scan# 504

Delta R.T. -0.03 min

Lab File: BF084076.D

Acq: 24 Dec 2015 13:38

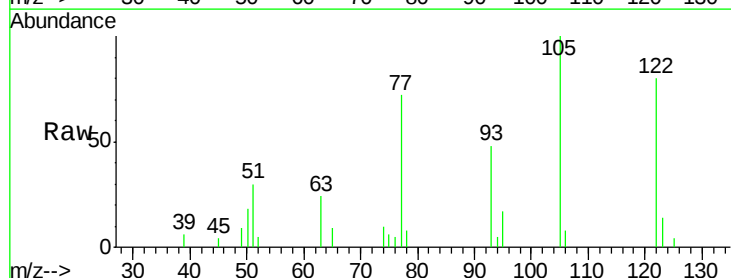
Tgt Ion:122 Resp: 11873

Ion Ratio Lower Upper

122 100

105 124.5 100.3 140.3

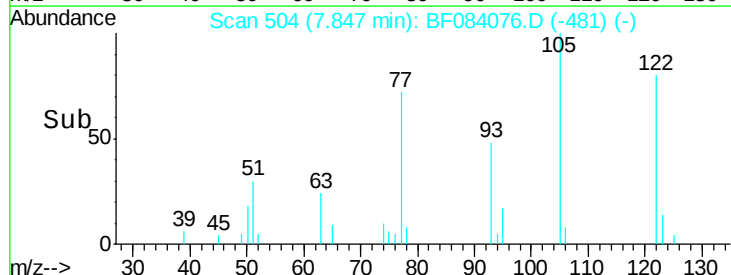
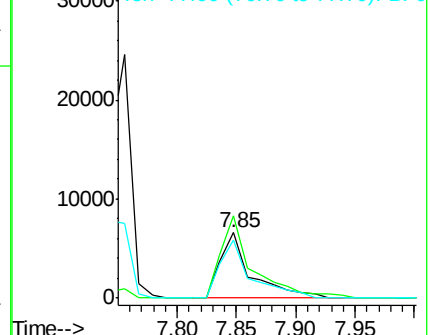
77 89.1 63.5 103.5

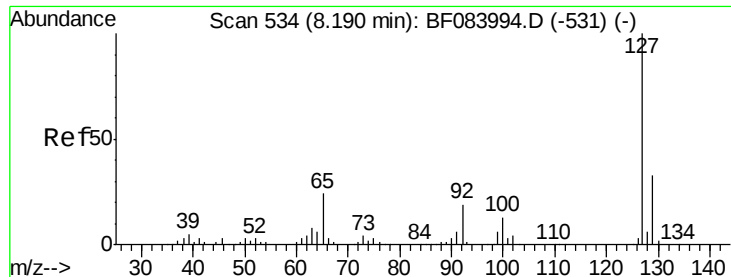


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

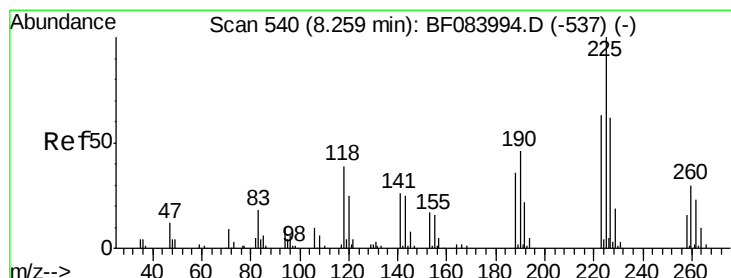
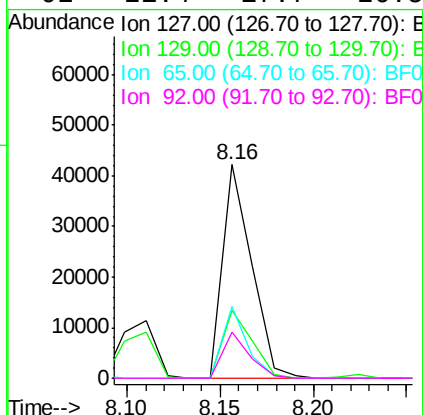
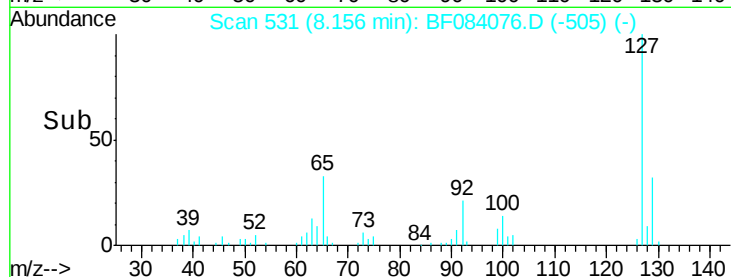
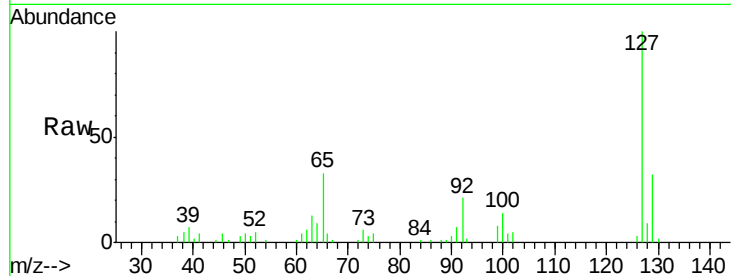




#33
4-Chloroaniline
Concen: 10.91 ng
RT: 8.16 min Scan# 531
Delta R.T. 0.00 min
Lab File: BF084076.D
Acq: 24 Dec 2015 13:38

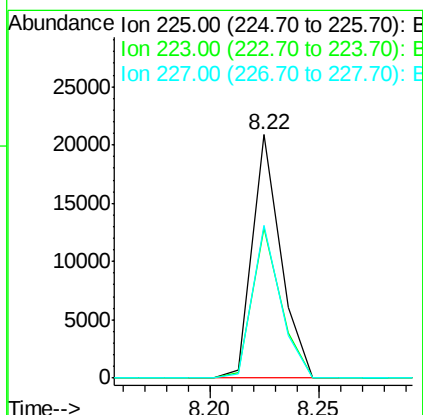
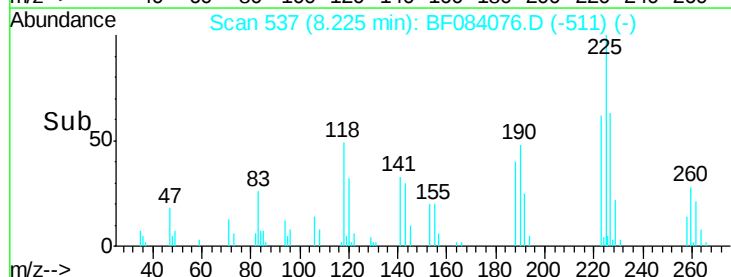
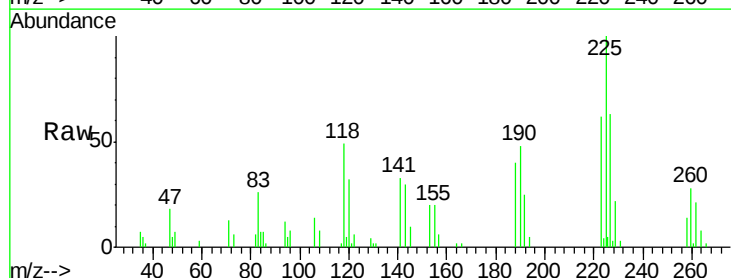
Instrument :
BNA_F
ClientSampleId :

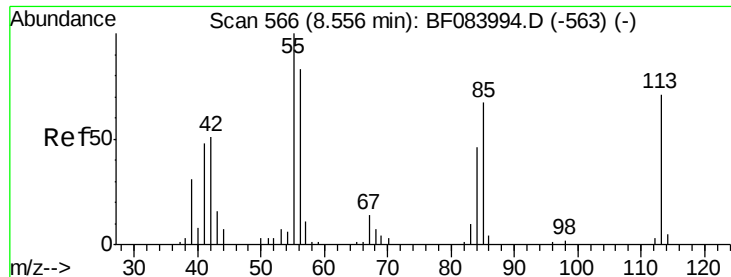
Tot Ion:	127	Resp:	45967
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.5	39.7
65	33.3	27.2	40.8
92	21.4	17.7	26.5



#34
Hexachlorobutadiene
Concen: 10.75 ng
RT: 8.22 min Scan# 537
Delta R.T. 0.00 min
Lab File: BF084076.D
Acq: 24 Dec 2015 13:38

Tgt Ion:	225	Resp:	19004
Ion	Ratio	Lower	Upper
225	100		
223	61.6	49.4	74.0
227	62.5	50.8	76.2

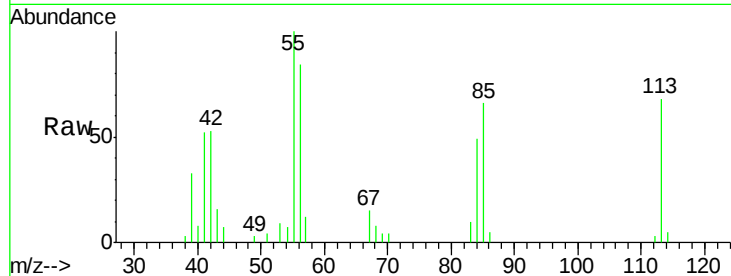




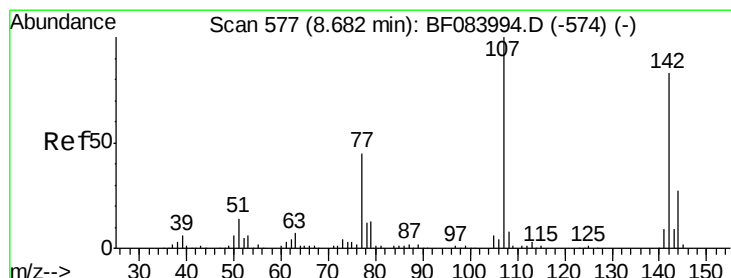
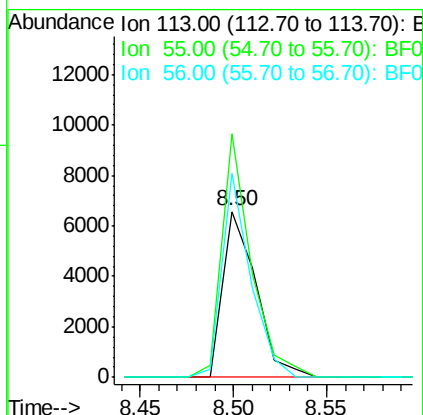
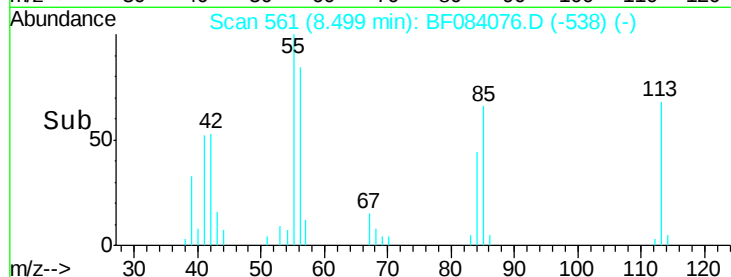
#35
Caprolactam
Concen: 9.57 ng
RT: 8.50 min Scan# 561
Delta R.T. -0.03 min
Lab File: BF084076.D
Acq: 24 Dec 2015 13:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 8152
Ion Ratio Lower Upper
113 100
55 147.0 116.9 156.9
56 123.1 93.8 133.8

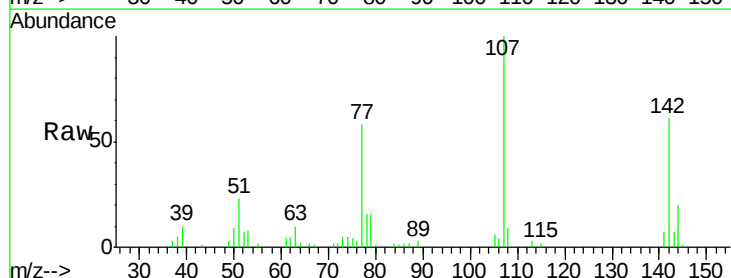


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

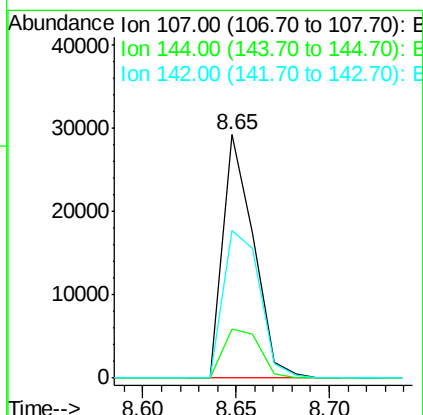
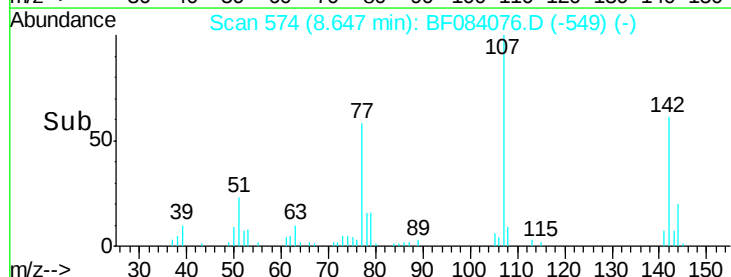


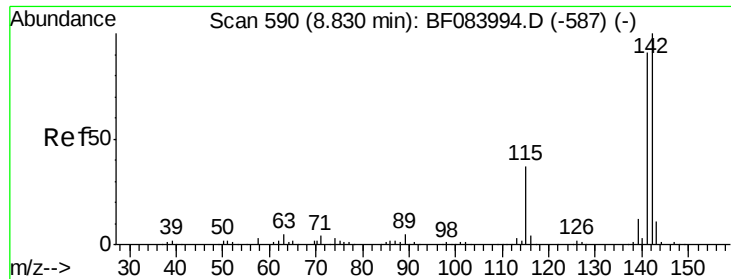
#36
4-Chloro-3-methylphenol
Concen: 11.11 ng
RT: 8.65 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF084076.D
Acq: 24 Dec 2015 13:38

Tgt Ion:107 Resp: 33690
Ion Ratio Lower Upper
107 100
144 19.9 19.7 29.5
142 60.7 61.8 92.6#



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

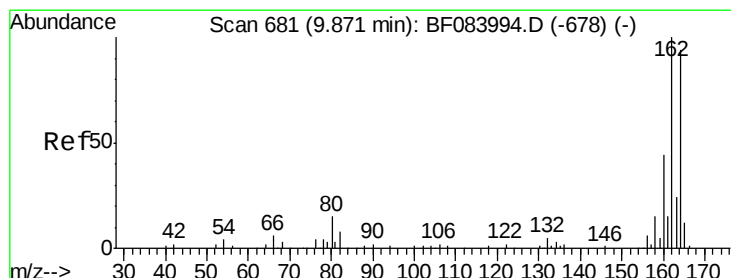
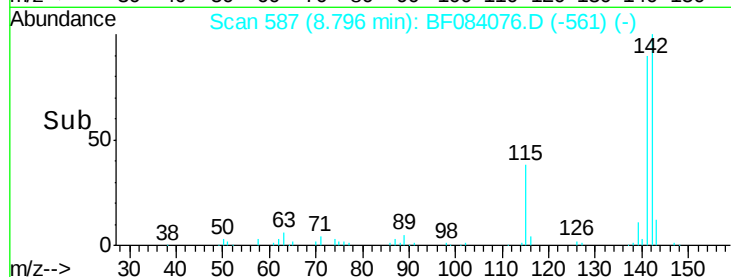
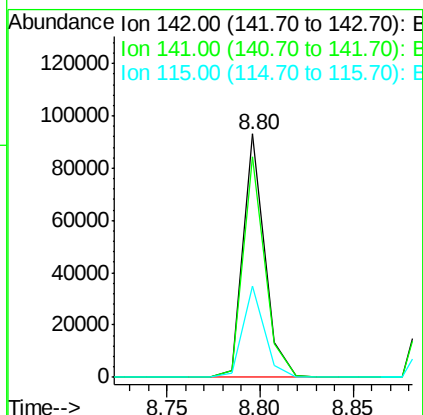
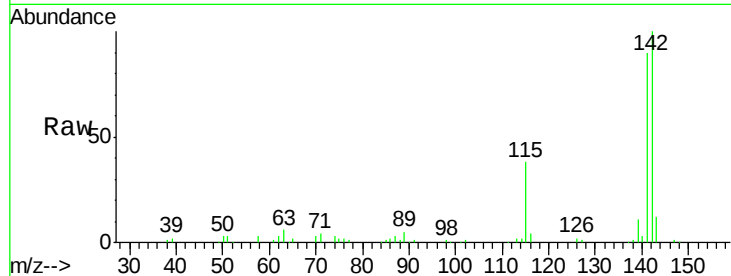




#37
2-Methylnaphthalene
Concen: 11.27 ng
RT: 8.80 min Scan# 587
Delta R.T. 0.00 min
Lab File: BF084076.D
Acq: 24 Dec 2015 13:38

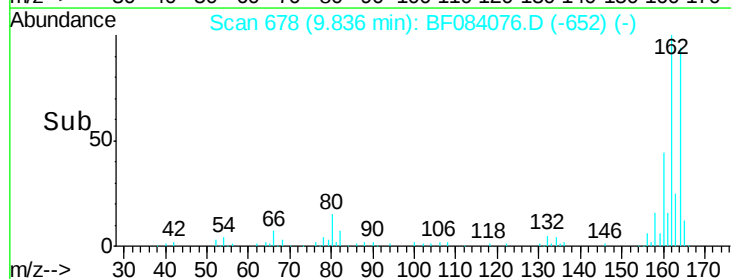
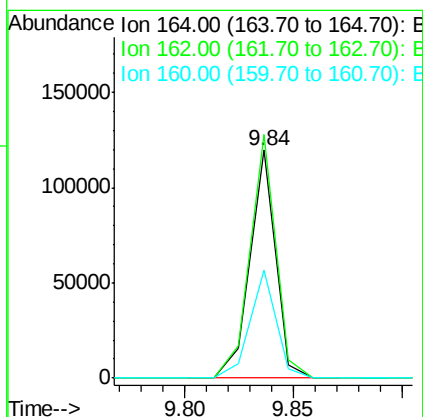
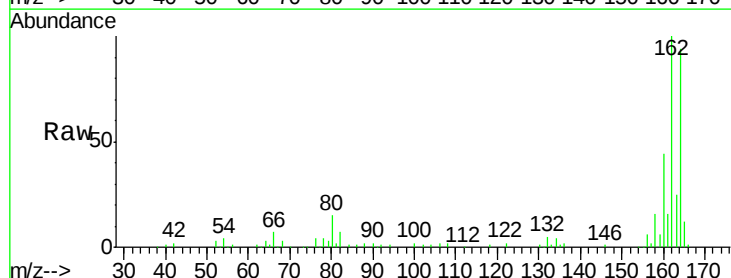
Instrument :
BNA_F
ClientSampleId :

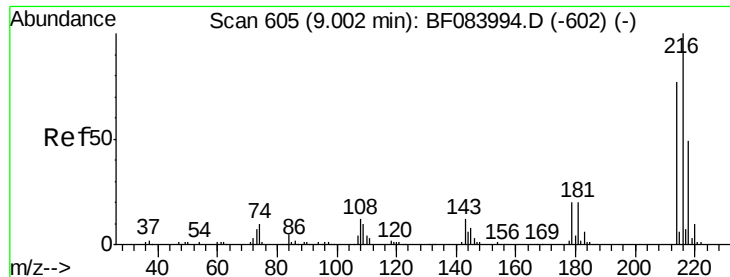
Tot Ion:142 Resp: 75188
Ion Ratio Lower Upper
142 100
141 90.4 72.4 108.6
115 37.7 27.9 41.9



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 678
Delta R.T. 0.00 min
Lab File: BF084076.D
Acq: 24 Dec 2015 13:38

Tgt Ion:164 Resp: 97856
Ion Ratio Lower Upper
164 100
162 106.7 85.1 127.7
160 47.3 37.5 56.3

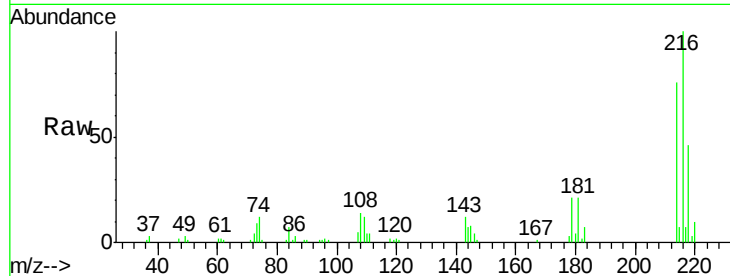




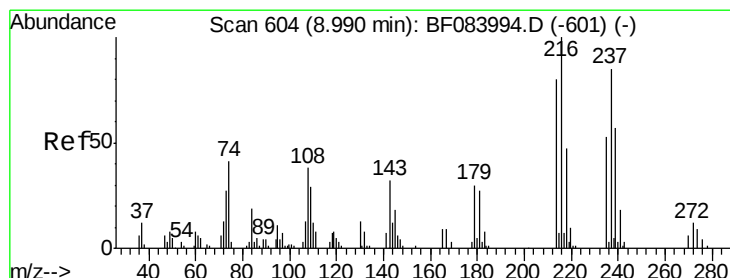
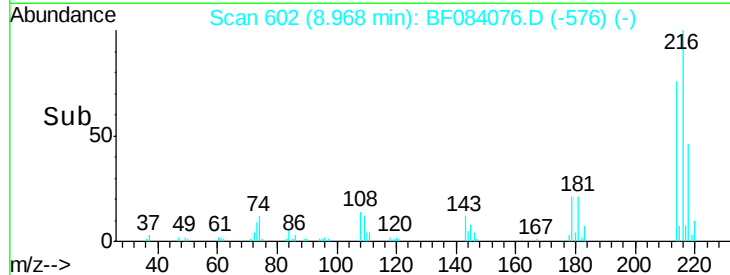
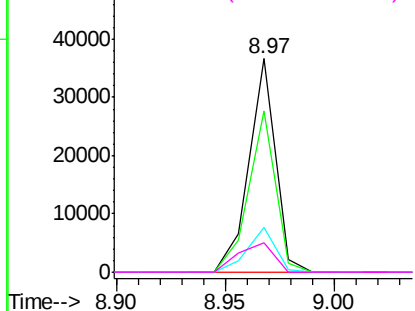
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 10.61 ng
 RT: 8.97 min Scan# 602
 Delta R.T. 0.00 min
 Lab File: BF084076.D
 Acq: 24 Dec 2015 13:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	31212
Ion	Ratio	Lower	Upper
216	100		
214	76.7	64.2	96.2
179	22.1	18.7	28.1
108	18.1	16.8	25.2

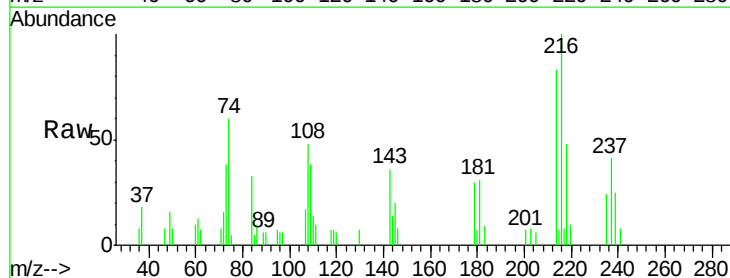


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

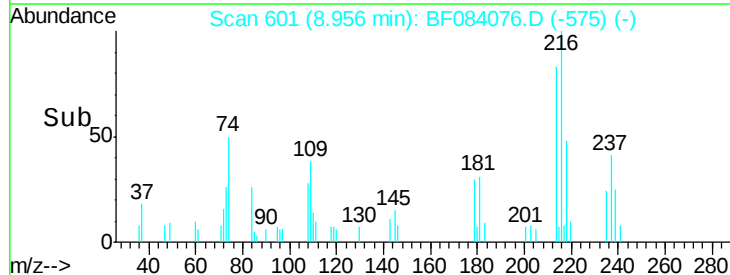
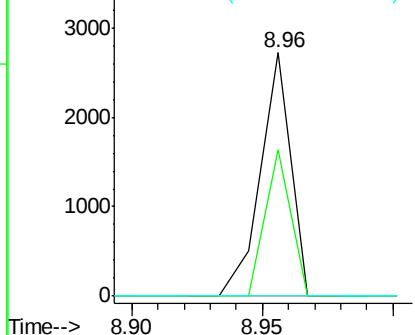


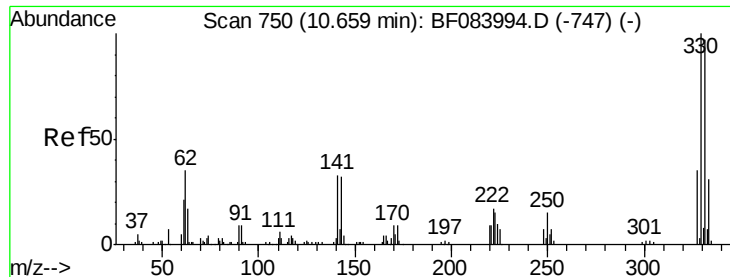
#40
 Hexachlorocyclopentadiene
 Concen: 3.24 ng
 RT: 8.96 min Scan# 601
 Delta R.T. 0.00 min
 Lab File: BF084076.D
 Acq: 24 Dec 2015 13:38

Tgt Ion:	237	Resp:	2216
Ion	Ratio	Lower	Upper
237	100		
235	60.0	43.1	83.1
272	0.0	0.0	35.1



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

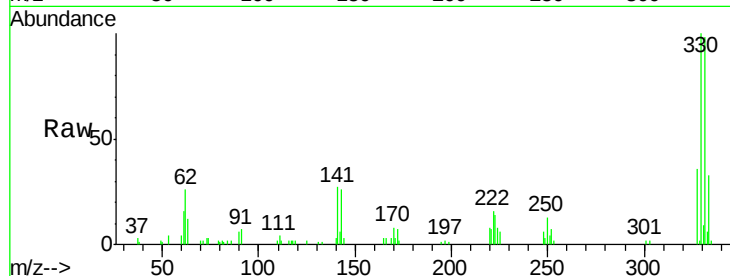




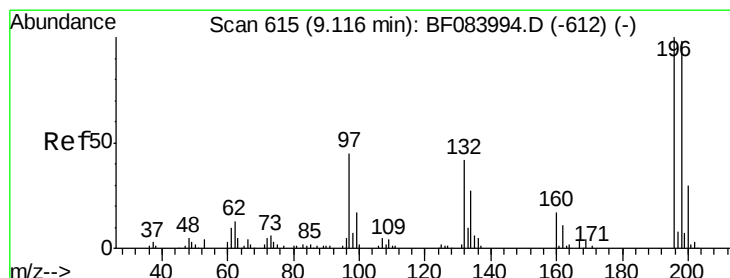
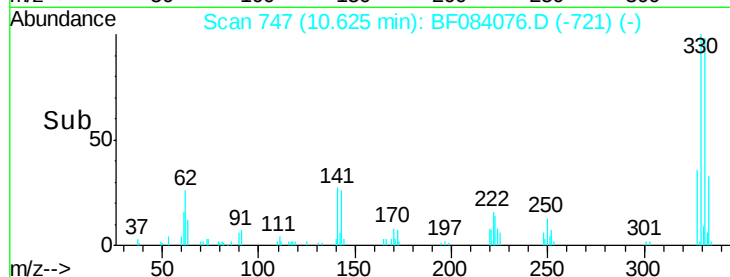
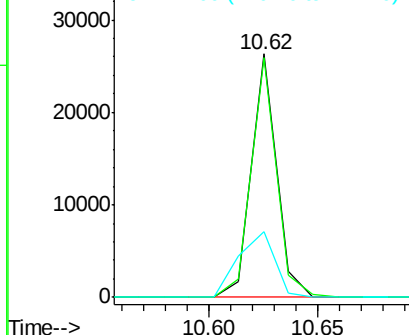
#41
 2,4,6-Tribromophenol
 Concen: 22.55 ng
 RT: 10.62 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF084076.D
 Acq: 24 Dec 2015 13:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 21229
 Ion Ratio Lower Upper
 330 100
 332 98.9 76.6 114.8
 141 38.9 27.8 41.6

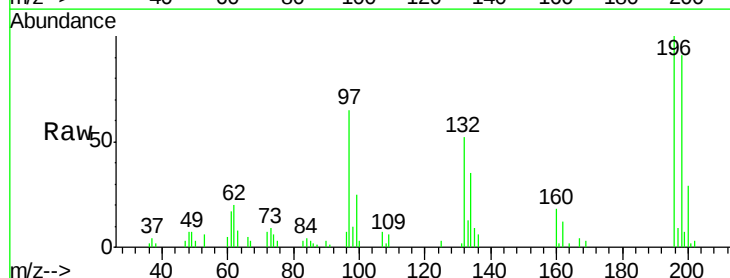


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

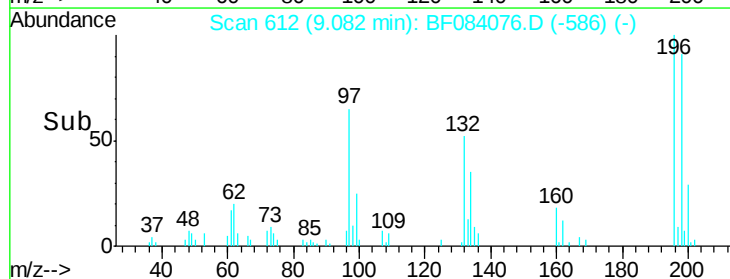
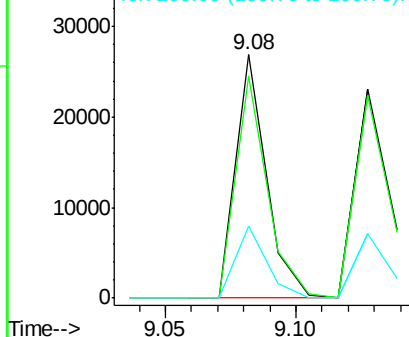


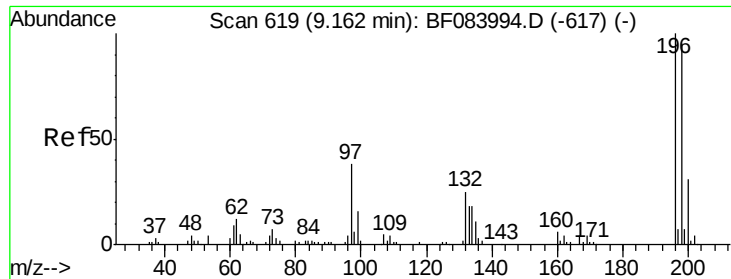
#42
 2,4,6-Trichlorophenol
 Concen: 12.50 ng
 RT: 9.08 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: BF084076.D
 Acq: 24 Dec 2015 13:38

Tgt Ion:196 Resp: 22152
 Ion Ratio Lower Upper
 196 100
 198 91.2 77.7 116.5
 200 29.4 24.6 37.0



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

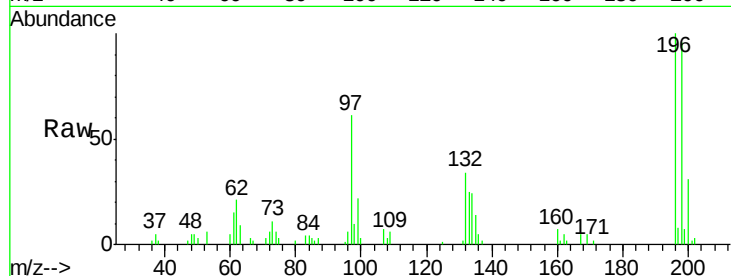




#43
 2,4,5-Trichlorophenol
 Concen: 11.87 ng
 RT: 9.13 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF084076.D
 Acq: 24 Dec 2015 13:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.5	79.0	118.6
97	60.6	33.0	49.6
132	34.1	21.1	31.7



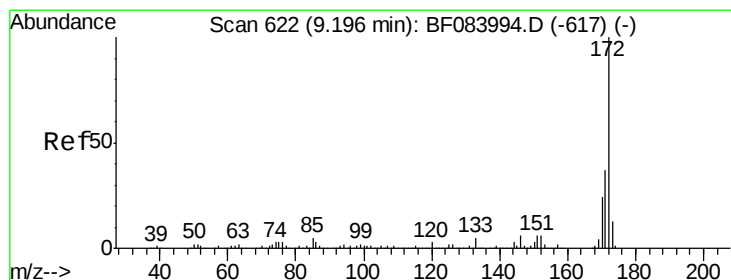
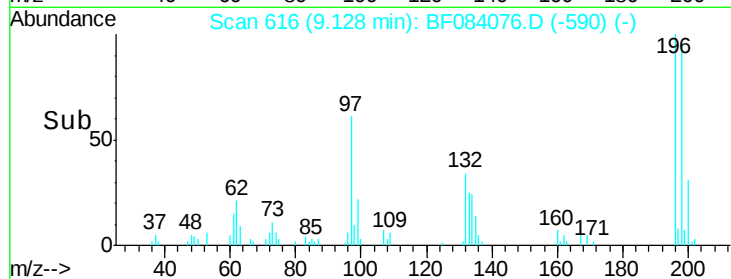
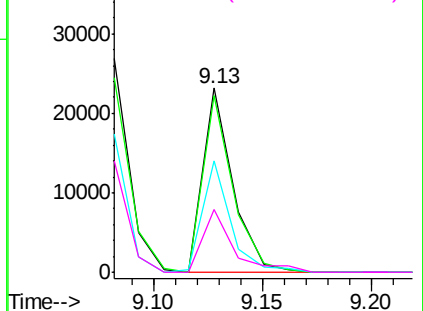
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

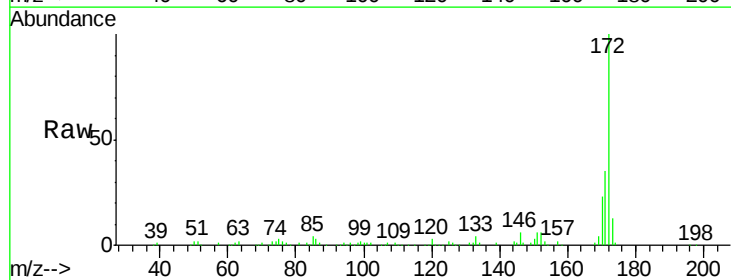
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 21.10 ng
 RT: 9.16 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF084076.D
 Acq: 24 Dec 2015 13:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.9	43.3
170	22.9	18.6	27.8

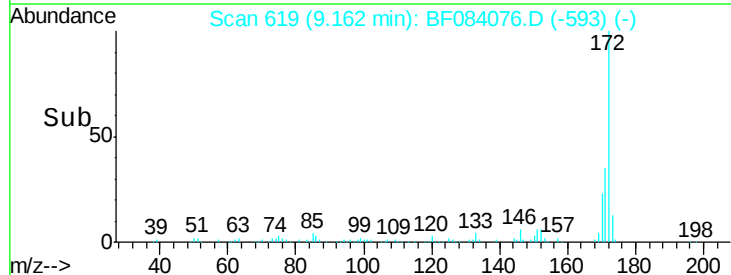
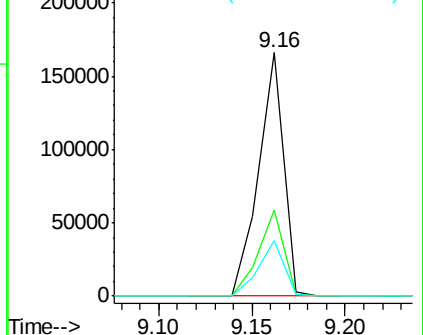


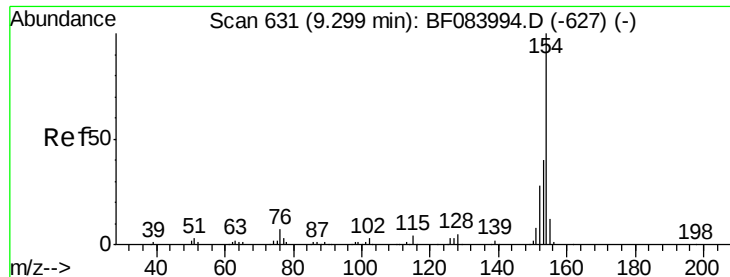
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

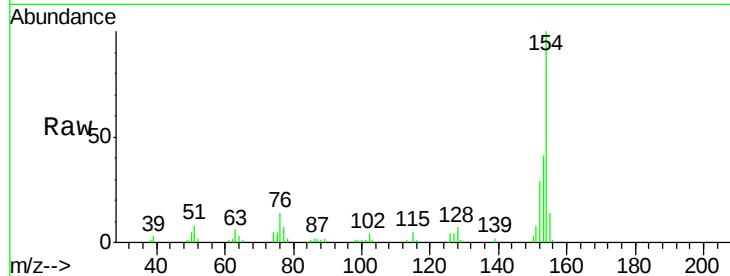




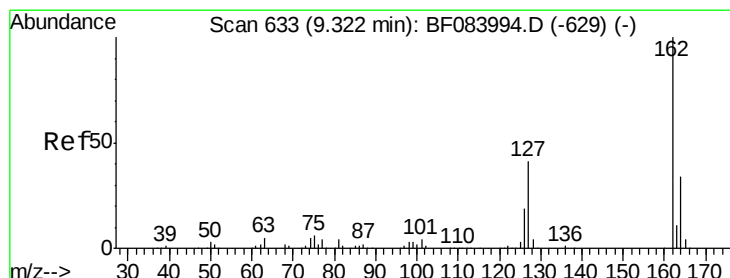
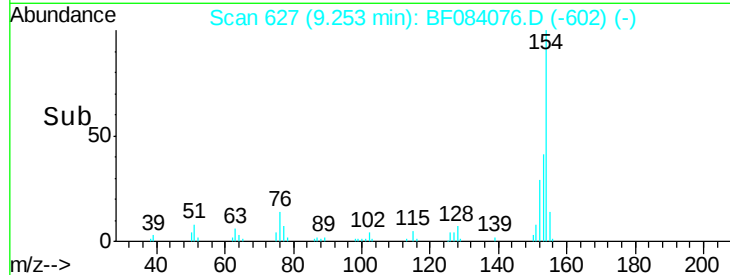
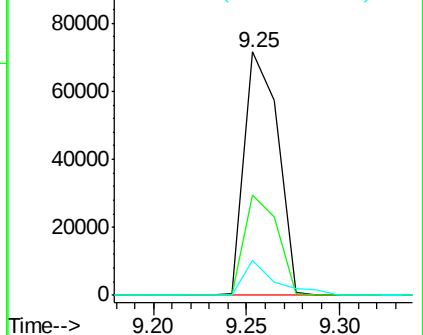
#45
 1,1'-Biphenyl
 Concen: 10.33 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF084076.D
 Acq: 24 Dec 2015 13:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.2	21.6	61.6
76	14.2	0.0	32.7

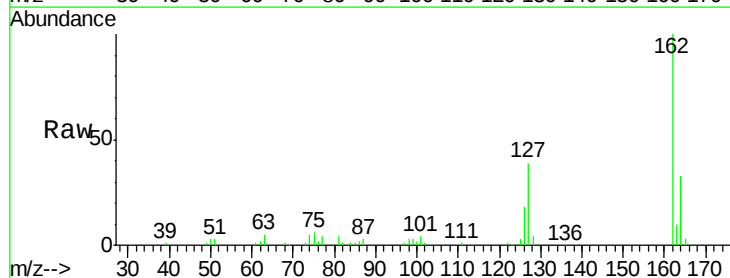


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

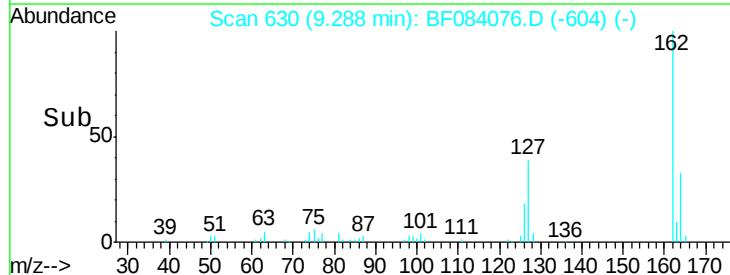
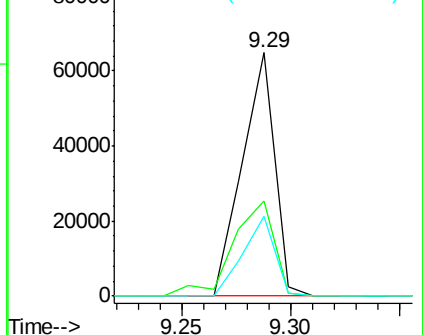


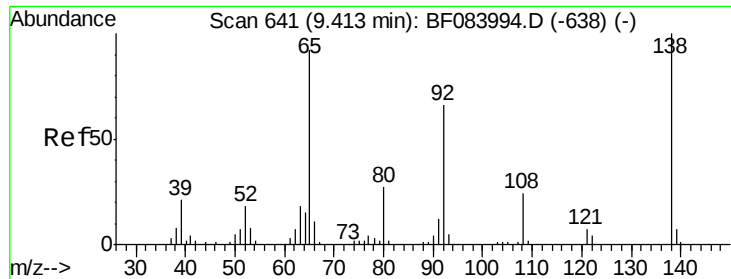
#46
 2-Chloronaphthalene
 Concen: 10.76 ng
 RT: 9.29 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF084076.D
 Acq: 24 Dec 2015 13:38

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.0	40.2	60.4#
164	32.9	25.7	38.5



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

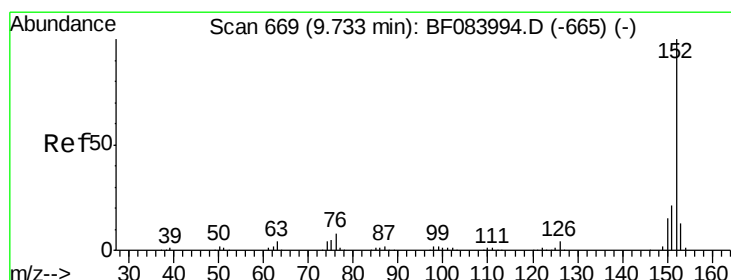
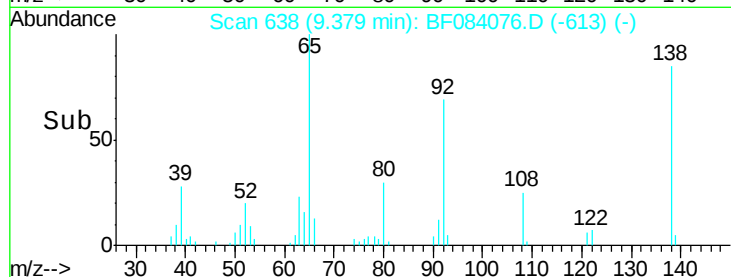
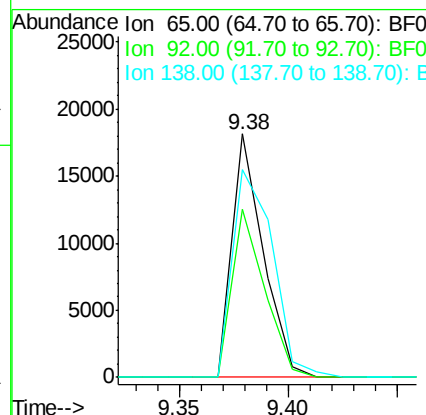
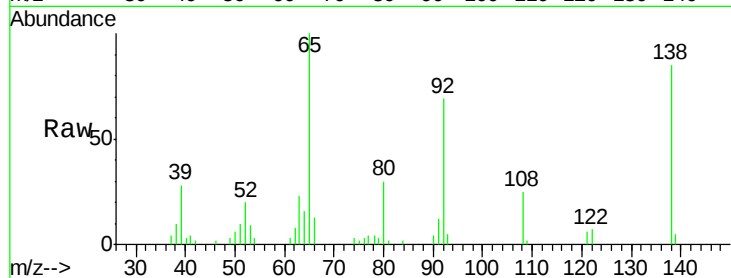




#47
2-Nitroaniline
Concen: 10.61 ng
RT: 9.38 min Scan# 638
Delta R.T. -0.01 min
Lab File: BF084076.D
Acq: 24 Dec 2015 13:38

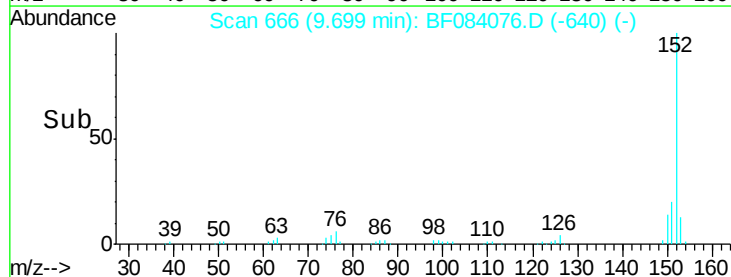
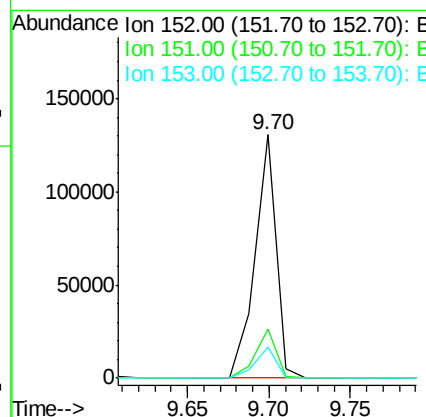
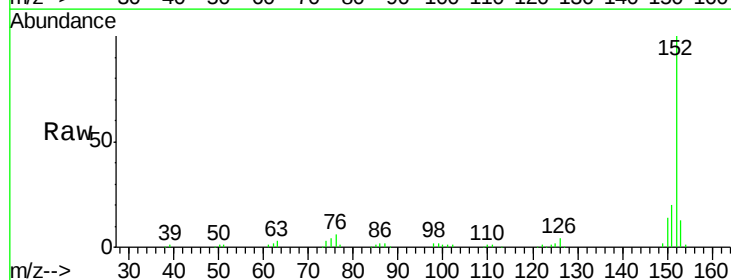
Instrument :
BNA_F
ClientSampled :

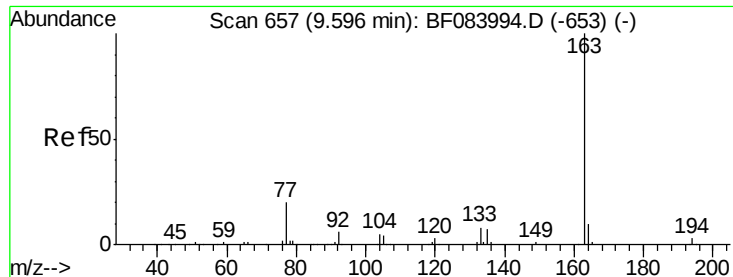
Tot Ion: 65 Resp: 18017
Ion Ratio Lower Upper
65 100
92 69.1 53.4 80.2
138 85.1 71.1 106.7



#48
Acenaphthylene
Concen: 11.87 ng
RT: 9.70 min Scan# 666
Delta R.T. 0.00 min
Lab File: BF084076.D
Acq: 24 Dec 2015 13:38

Tgt Ion: 152 Resp: 117102
Ion Ratio Lower Upper
152 100
151 20.0 16.3 24.5
153 12.6 10.4 15.6

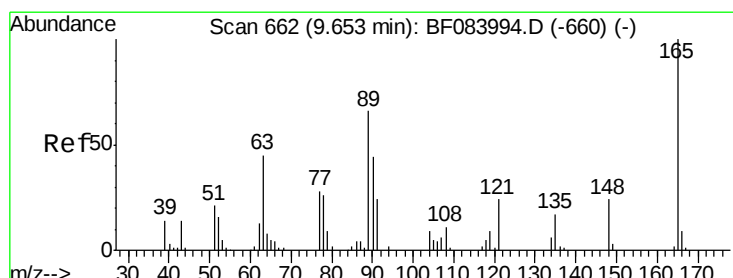
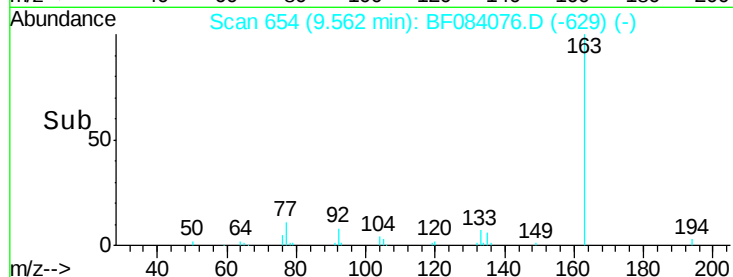
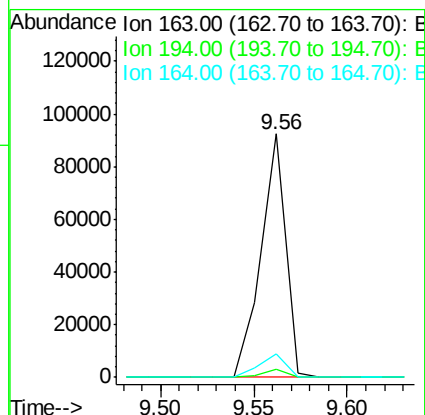
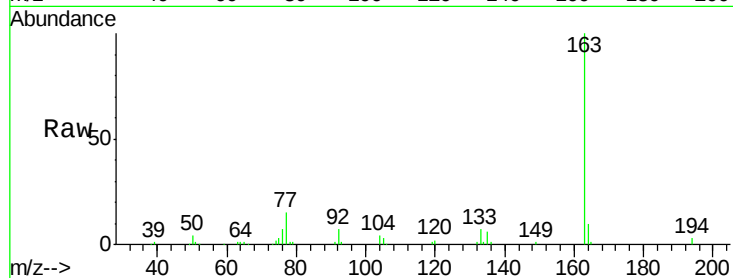




#49
Dimethylphthalate
Concen: 10.99 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF084076.D
Acq: 24 Dec 2015 13:38

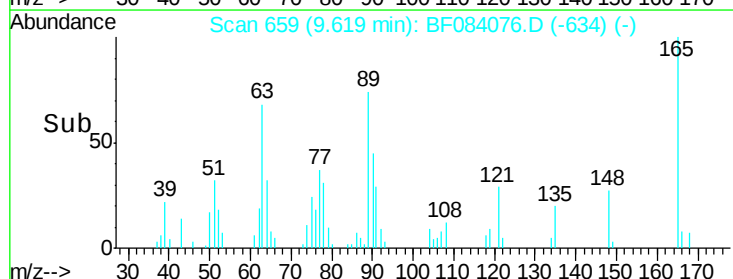
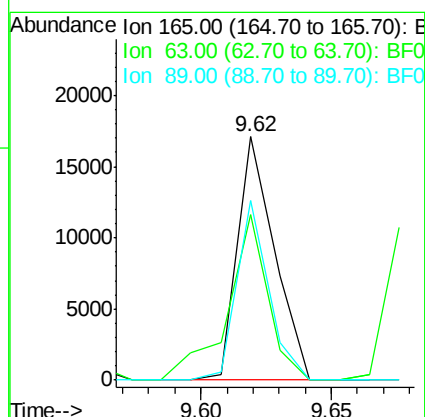
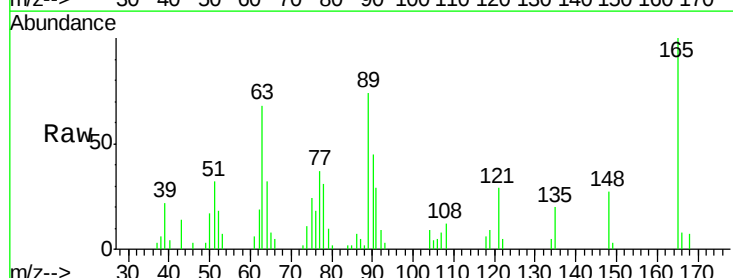
Instrument :
BNA_F
ClientSampleId :

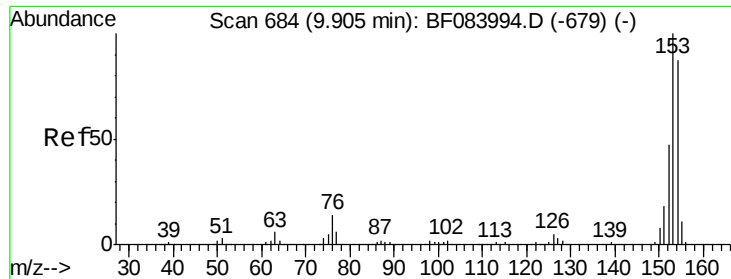
Tot Ion:163 Resp: 84180
Ion Ratio Lower Upper
163 100
194 3.3 8.0 12.0#
164 9.7 8.0 12.0



#50
2,6-Dinitrotoluene
Concen: 10.50 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.01 min
Lab File: BF084076.D
Acq: 24 Dec 2015 13:38

Tgt Ion:165 Resp: 16973
Ion Ratio Lower Upper
165 100
63 67.8 28.8 43.2#
89 73.8 35.1 52.7#

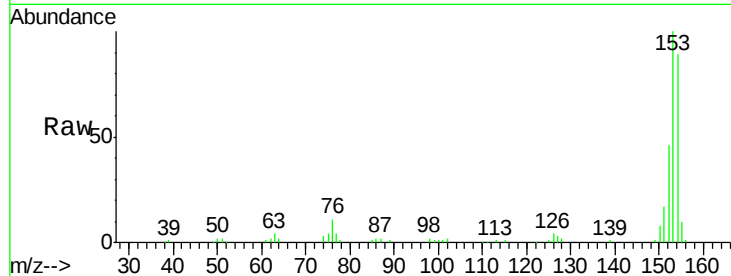




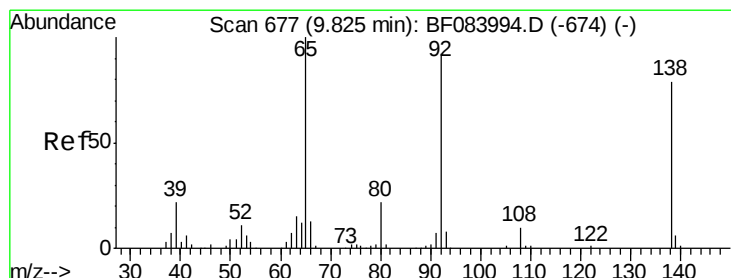
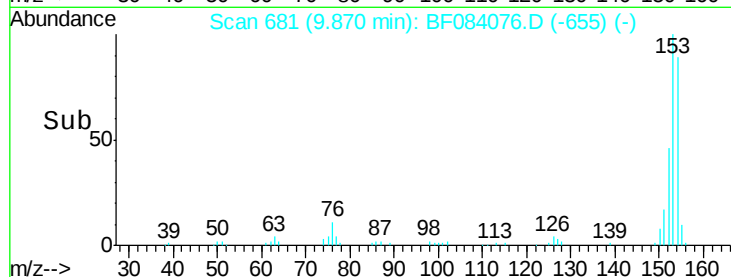
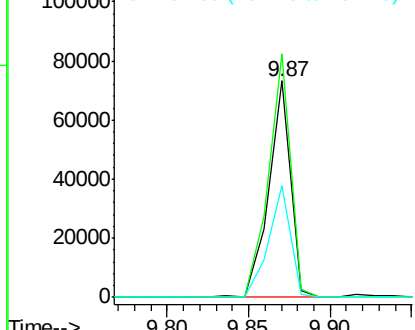
#51
Acenaphthene
Concen: 11.62 ng
RT: 9.87 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF084076.D
Acq: 24 Dec 2015 13:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 68151
Ion Ratio Lower Upper
154 100
153 112.6 91.5 137.3
152 51.9 43.0 64.6

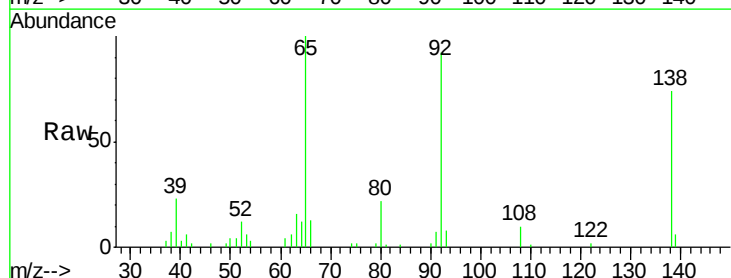


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

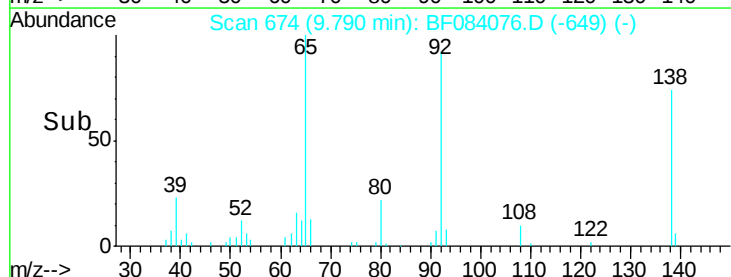
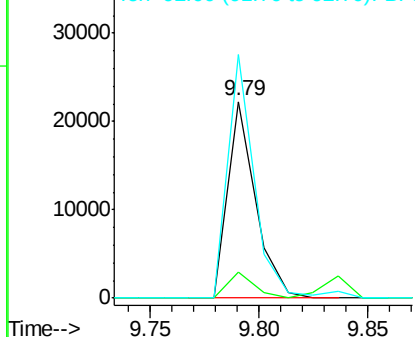


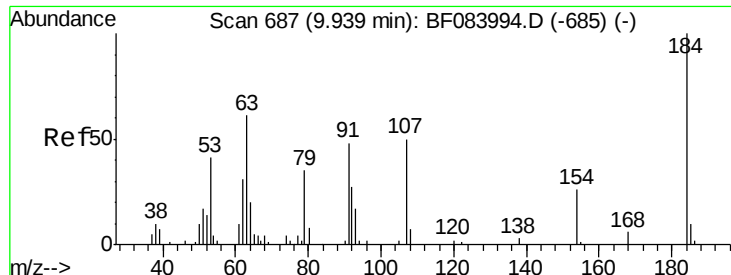
#52
3-Nitroaniline
Concen: 11.38 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF084076.D
Acq: 24 Dec 2015 13:38

Tgt Ion:138 Resp: 19534
Ion Ratio Lower Upper
138 100
108 13.3 10.5 15.7
92 123.7 103.9 155.9



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

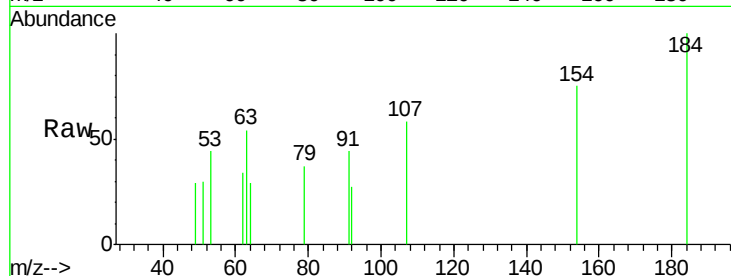




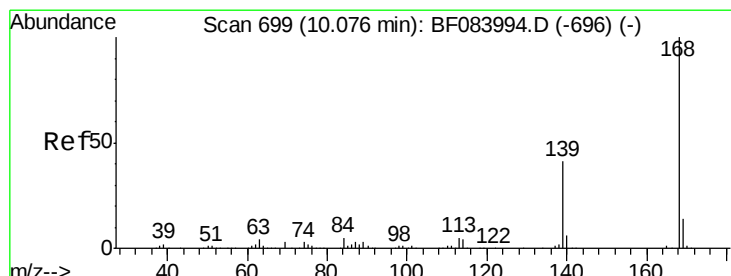
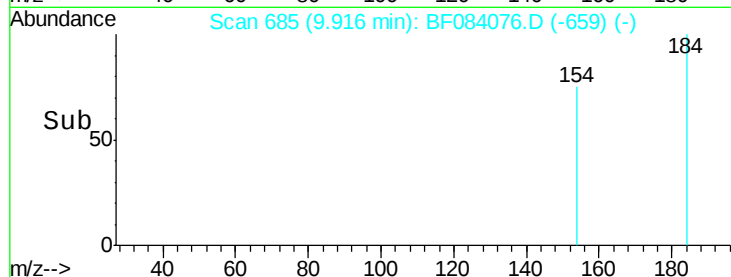
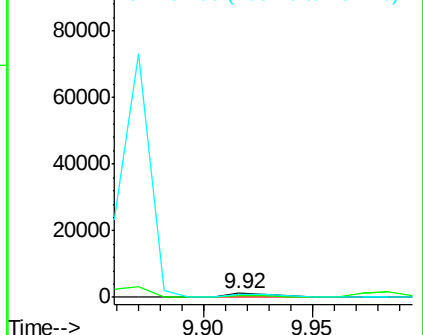
#53
2,4-Dinitrophenol
Concen: 2.83 ng
RT: 9.92 min Scan# 685
Delta R.T. 0.00 min
Lab File: BF084076.D
Acq: 24 Dec 2015 13:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 1609
Ion Ratio Lower Upper
184 100
63 53.5 43.1 64.7
154 75.0 60.5 90.7

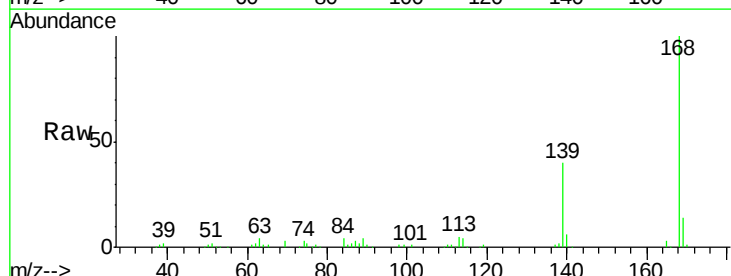


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

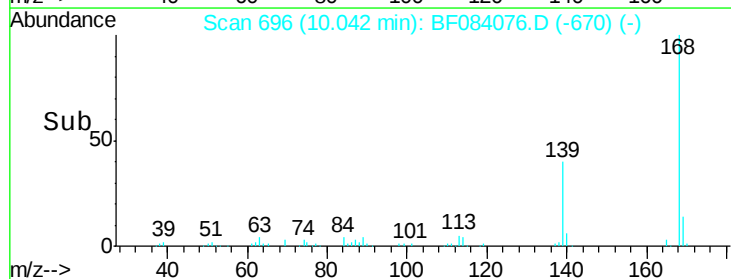
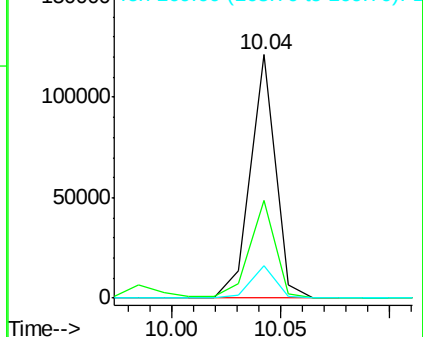


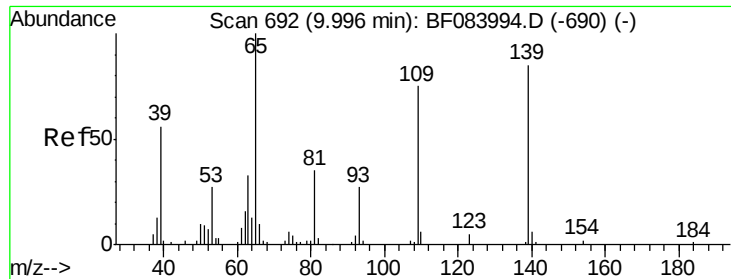
#54
Dibenzofuran
Concen: 11.03 ng
RT: 10.04 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF084076.D
Acq: 24 Dec 2015 13:38

Tgt Ion:168 Resp: 96851
Ion Ratio Lower Upper
168 100
139 40.0 30.5 45.7
169 13.5 10.4 15.6



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

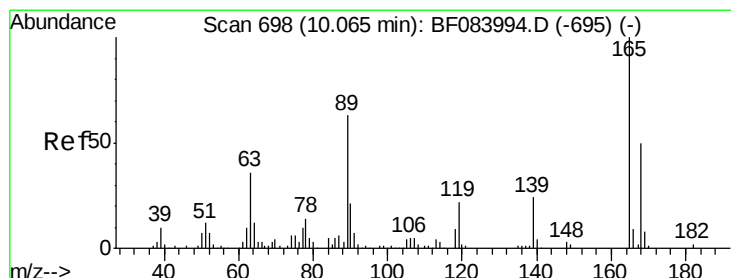
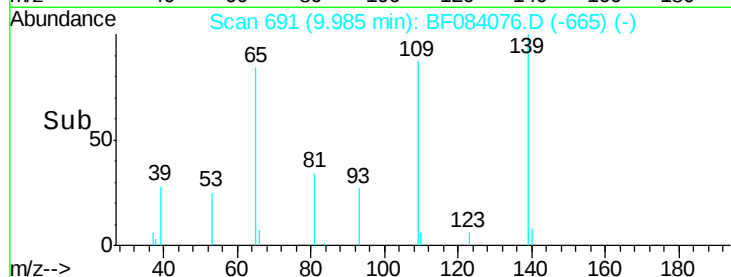
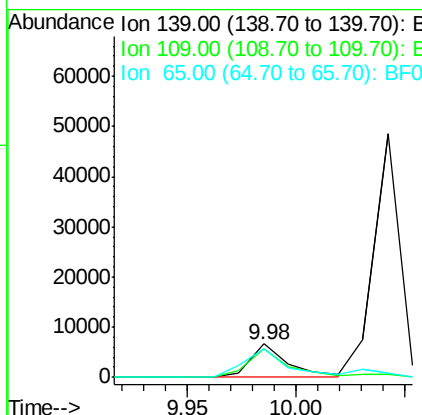
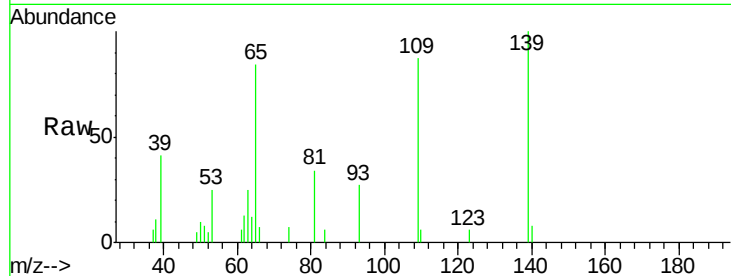




#55
4-Nitrophenol
Concen: 7.97 ng
RT: 9.98 min Scan# 691
Delta R.T. 0.00 min
Lab File: BF084076.D
Acq: 24 Dec 2015 13:38

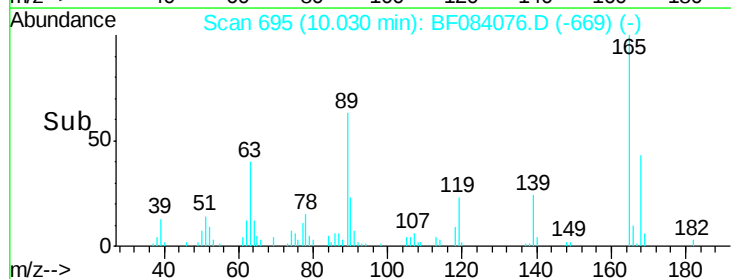
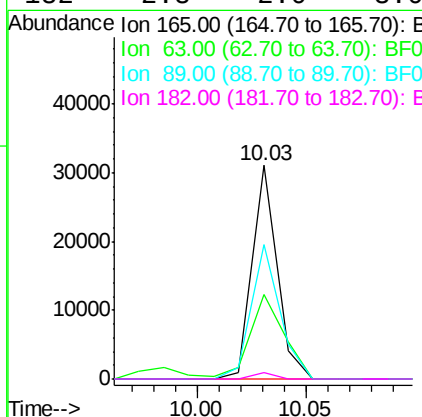
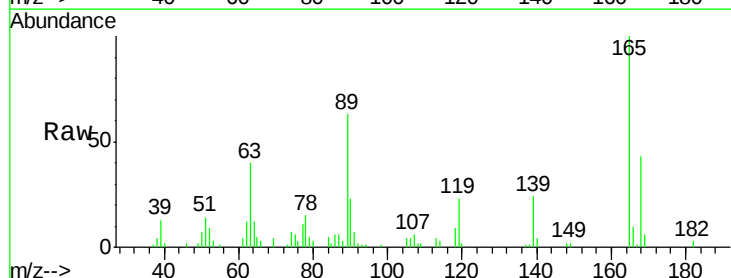
Instrument :
BNA_F
ClientSampleId :

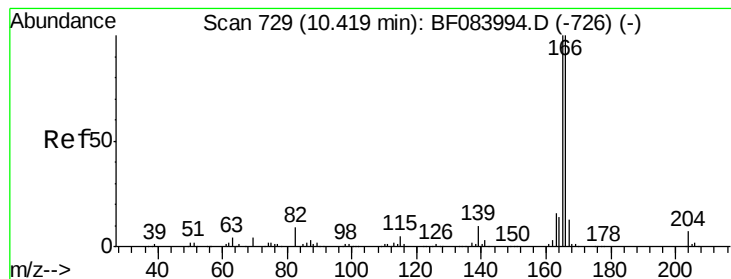
Tot Ion:139 Resp: 8039
Ion Ratio Lower Upper
139 100
109 86.5 58.5 98.5
65 84.4 57.6 97.6



#56
2,4-Dinitrotoluene
Concen: 12.17 ng
RT: 10.03 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF084076.D
Acq: 24 Dec 2015 13:38

Tgt Ion:165 Resp: 24716
Ion Ratio Lower Upper
165 100
63 39.8 36.7 55.1
89 63.1 61.9 92.9
182 2.8 2.0 3.0





#57

Fluorene

Concen: 11.62 ng

RT: 10.38 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF084076.D

Acq: 24 Dec 2015 13:38

Instrument :

BNA_F

ClientSampleId :

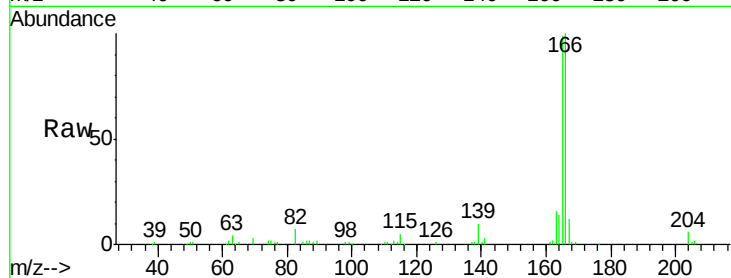
Tot Ion:166 Resp: 80813

Ion Ratio Lower Upper

166 100

165 98.7 79.1 118.7

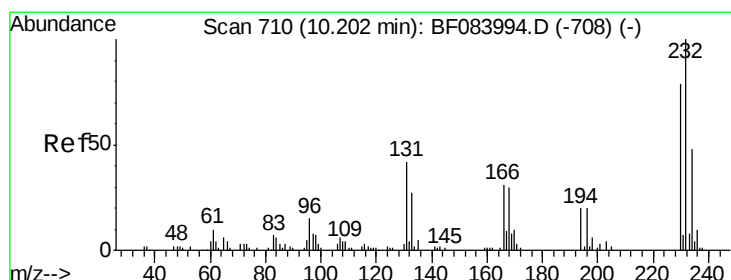
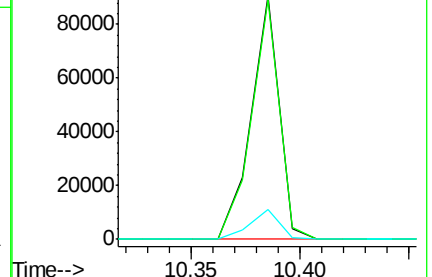
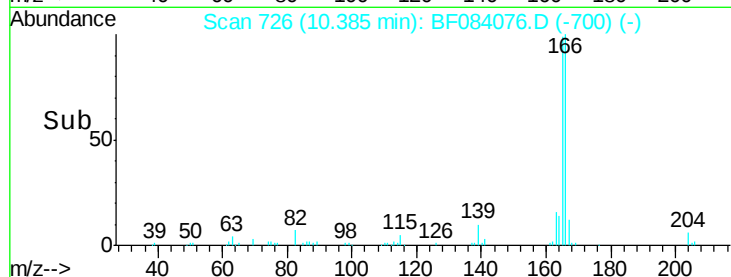
167 12.3 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 10.07 ng

RT: 10.17 min Scan# 707

Delta R.T. 0.00 min

Lab File: BF084076.D

Acq: 24 Dec 2015 13:38

Tgt Ion:232 Resp: 14633

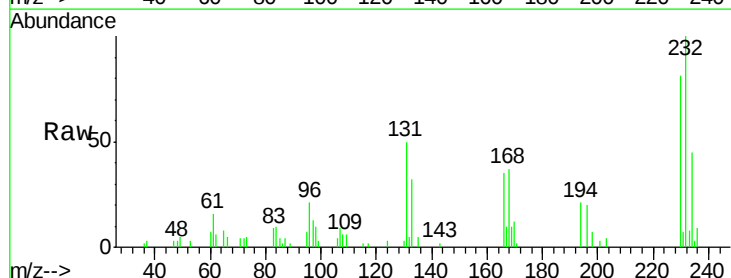
Ion Ratio Lower Upper

232 100

131 51.2 47.0 70.6

130 2.1 2.0 3.0

166 35.1 30.5 45.7

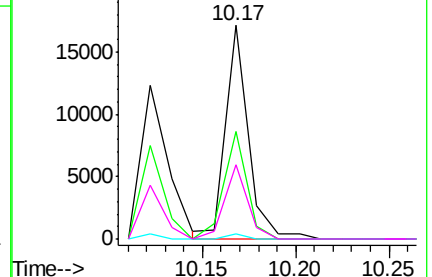
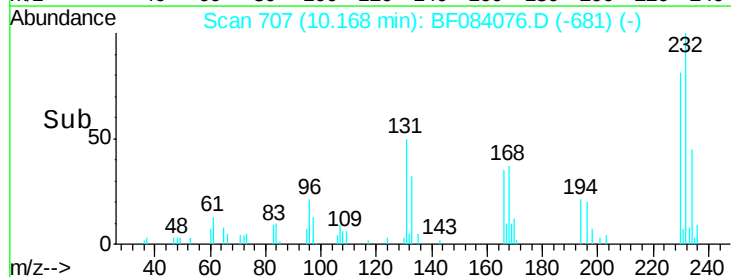


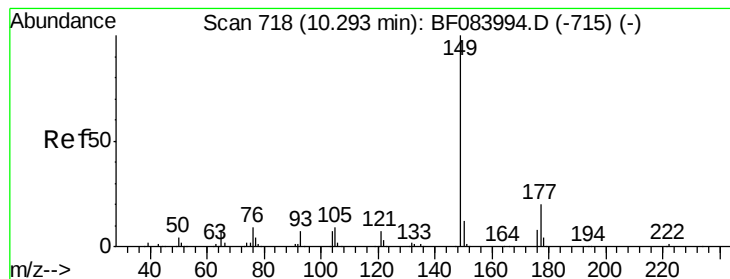
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 11.67 ng

RT: 10.26 min Scan# 715

Delta R.T. 0.00 min

Lab File: BF084076.D

Acq: 24 Dec 2015 13:38

Instrument :

BNA_F

ClientSampled :

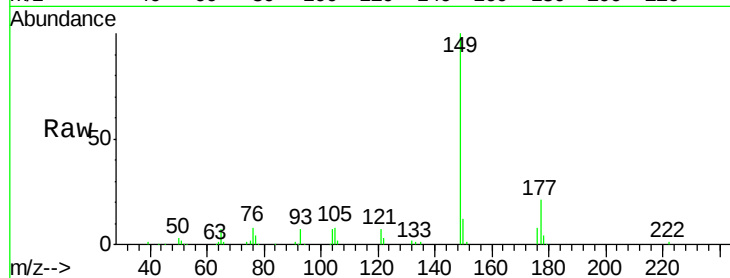
Tot Ion:149 Resp: 87821

Ion Ratio Lower Upper

149 100

177 20.8 17.3 25.9

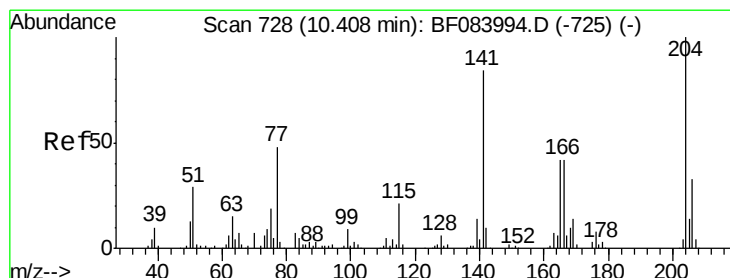
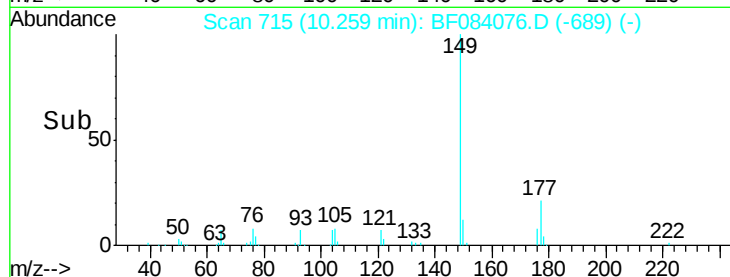
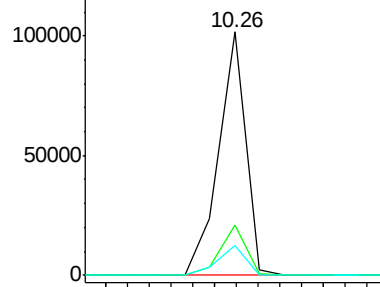
150 12.2 9.8 14.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 11.94 ng

RT: 10.37 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF084076.D

Acq: 24 Dec 2015 13:38

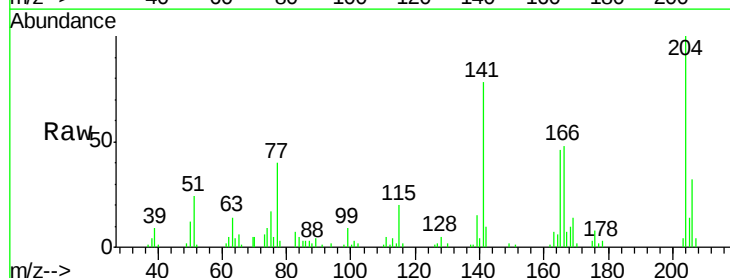
Tgt Ion:204 Resp: 38038

Ion Ratio Lower Upper

204 100

206 32.0 25.7 38.5

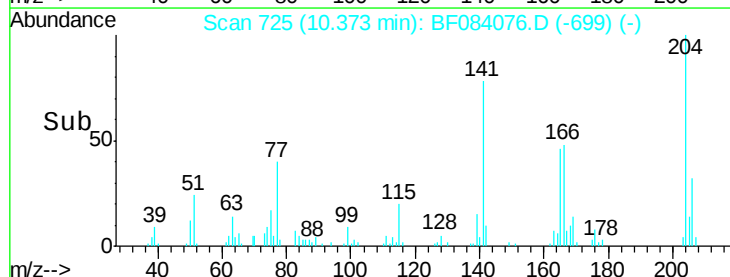
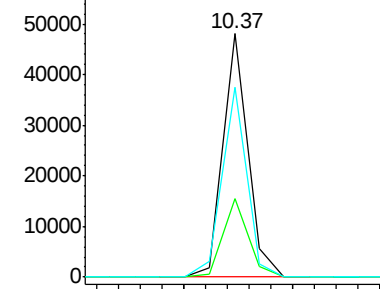
141 78.2 55.1 82.7

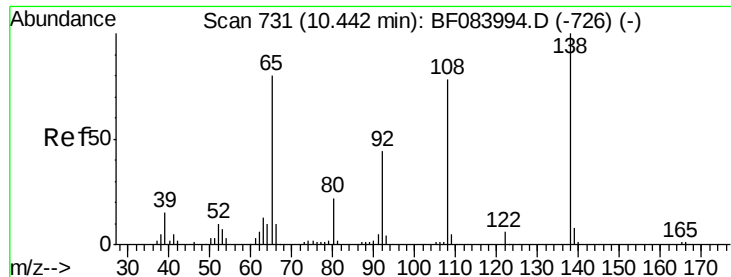


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

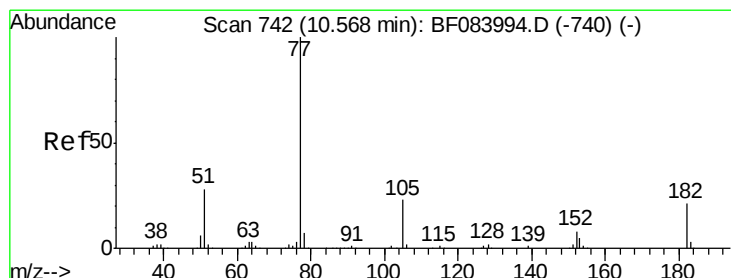
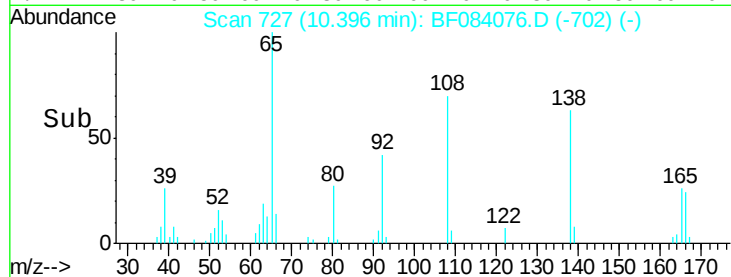
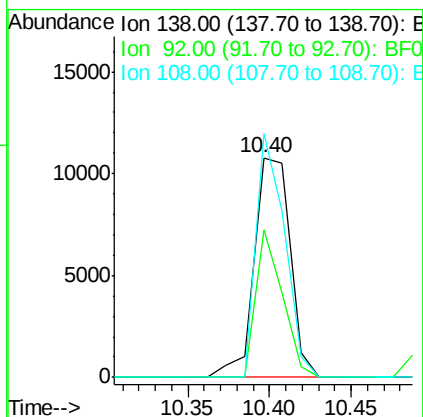
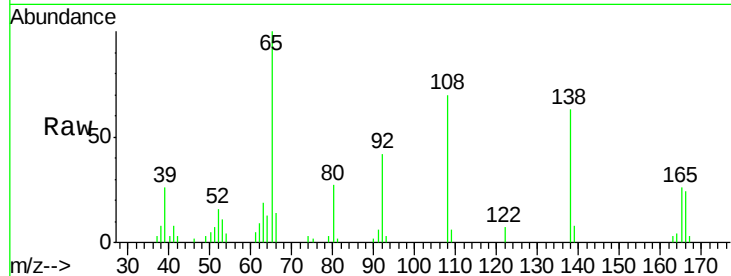




#61
4-Nitroaniline
Concen: 9.42 ng
RT: 10.40 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF084076.D
Acq: 24 Dec 2015 13:38

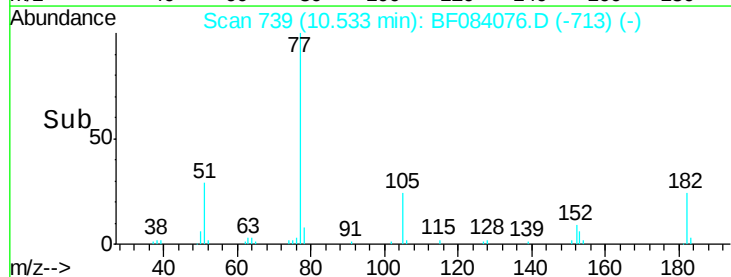
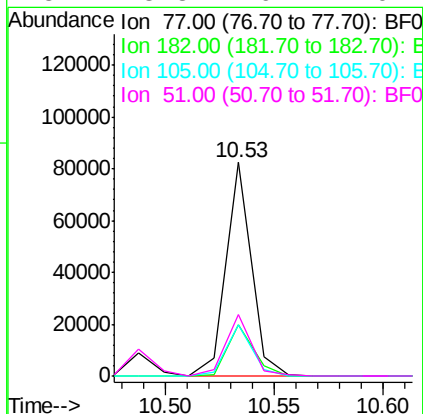
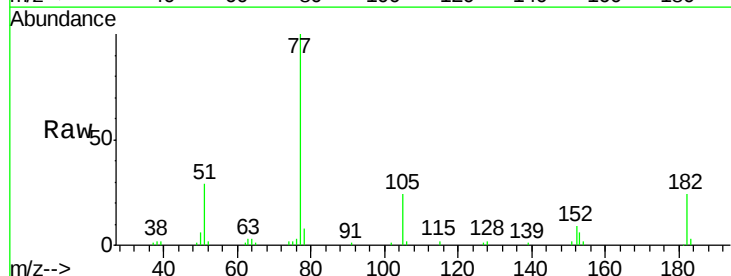
Instrument :
BNA_F
ClientSampleId :

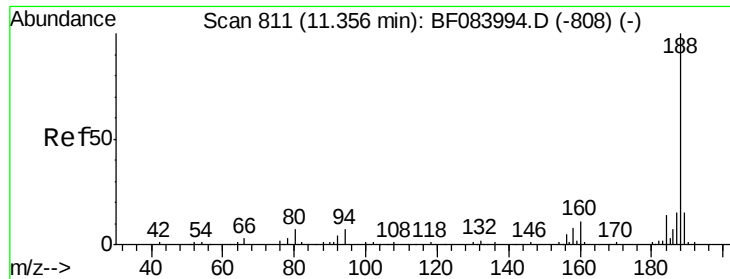
Tot Ion:138 Resp: 16536
Ion Ratio Lower Upper
138 100
92 67.1 32.6 72.6
108 111.0 68.6 108.6#



#62
Azobenzene
Concen: 10.04 ng
RT: 10.53 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF084076.D
Acq: 24 Dec 2015 13:38

Tgt Ion: 77 Resp: 66725
Ion Ratio Lower Upper
77 100
182 24.2 8.3 48.3
105 24.2 4.6 44.6
51 28.8 6.2 46.2

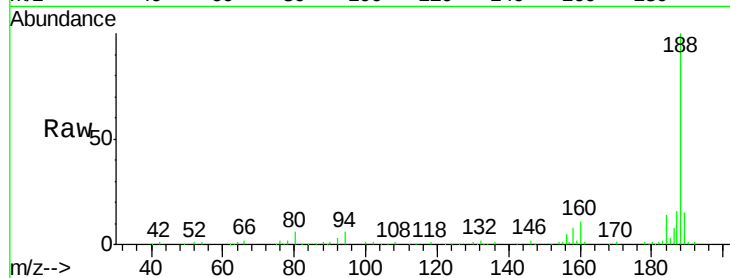




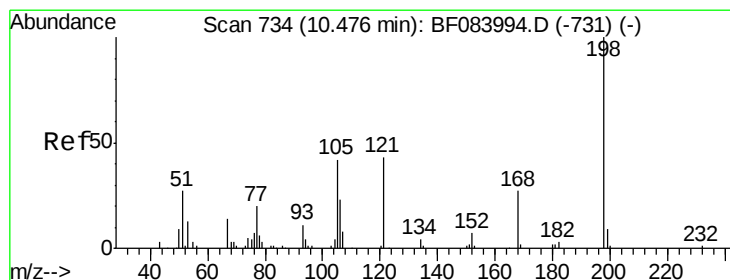
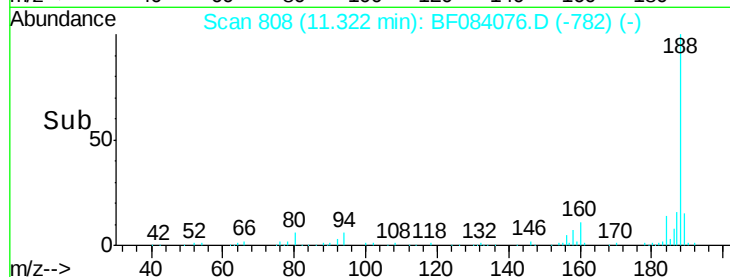
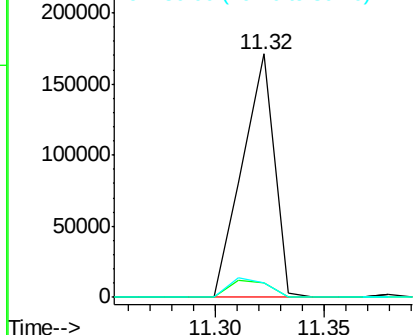
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF084076.D
Acq: 24 Dec 2015 13:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 175163
Ion Ratio Lower Upper
188 100
94 6.0 9.0 13.4#
80 5.8 9.6 14.4#

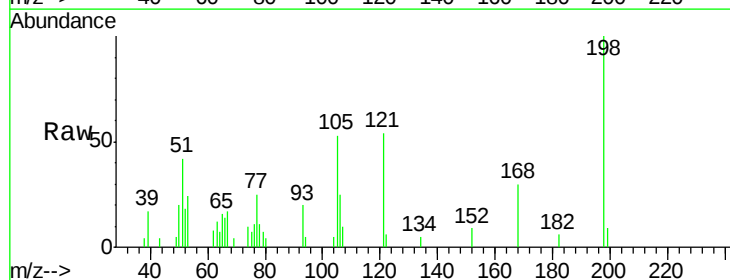


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

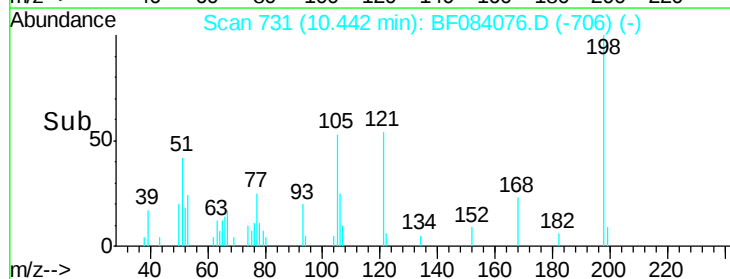
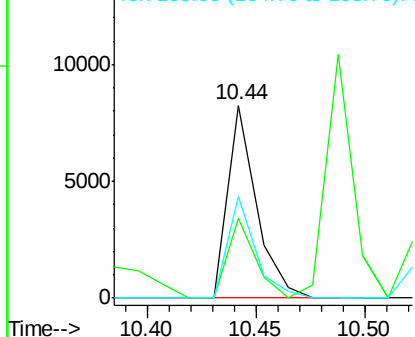


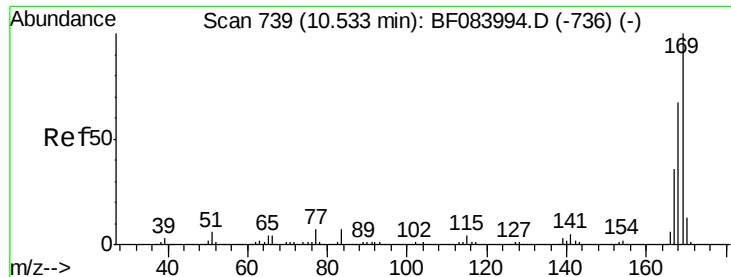
#64
4,6-Dinitro-2-methylphenol
Concen: 7.34 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF084076.D
Acq: 24 Dec 2015 13:38

Tgt Ion:198 Resp: 7516
Ion Ratio Lower Upper
198 100
51 41.8 18.9 58.9
105 52.5 26.4 66.4



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

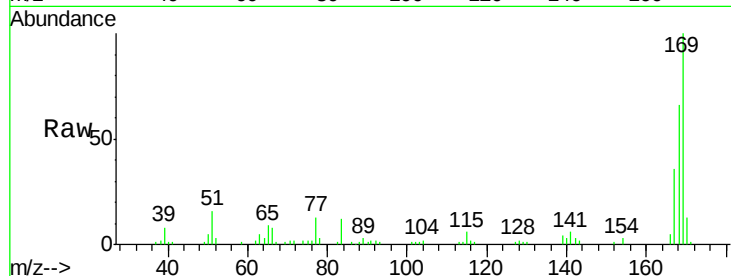




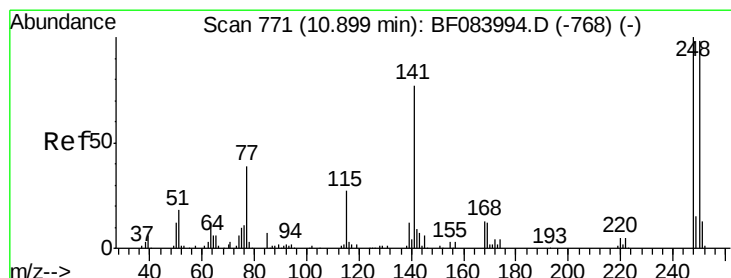
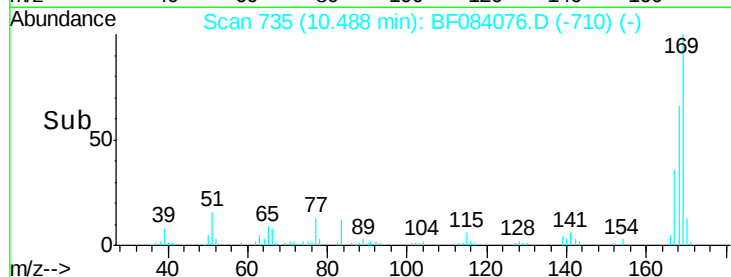
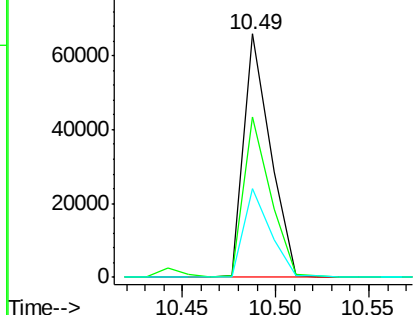
#65
 n-Nitrosodiphenylamine
 Concen: 10.09 ng
 RT: 10.49 min Scan# 735
 Delta R.T. -0.01 min
 Lab File: BF084076.D
 Acq: 24 Dec 2015 13:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 65303
 Ion Ratio Lower Upper
 169 100
 168 66.0 55.1 82.7
 167 36.3 30.0 45.0

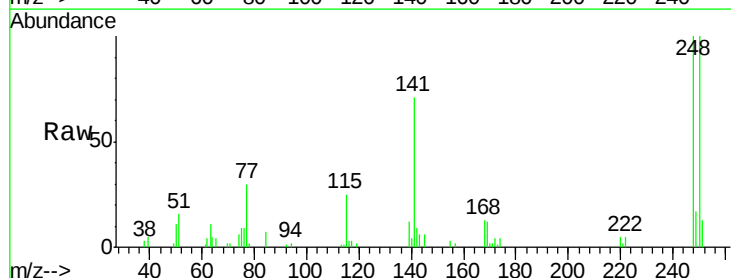


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

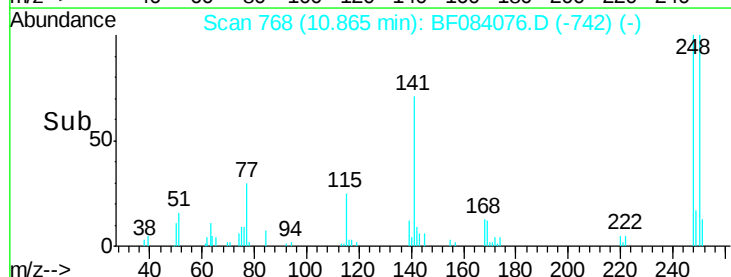
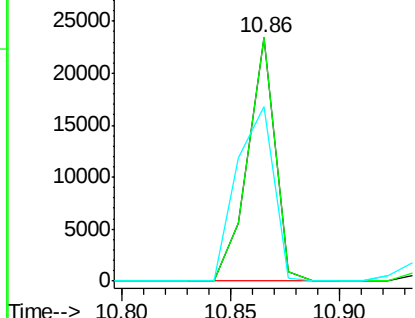


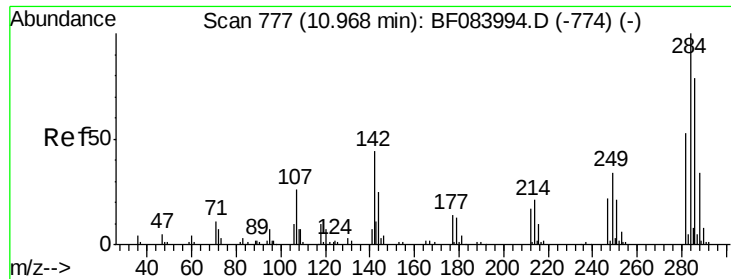
#66
 4-Bromophenyl-phenylether
 Concen: 10.21 ng
 RT: 10.86 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: BF084076.D
 Acq: 24 Dec 2015 13:38

Tgt Ion:248 Resp: 20504
 Ion Ratio Lower Upper
 248 100
 250 100.0 78.4 117.6
 141 71.5 44.0 66.0#



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





#67

Hexachlorobenzene

Concen: 10.95 ng

RT: 10.93 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF084076.D

Acq: 24 Dec 2015 13:38

Instrument :

BNA_F

ClientSampleId :

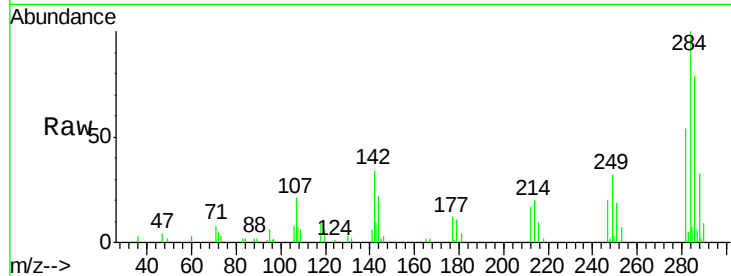
Tot Ion:284 Resp: 23999

Ion Ratio Lower Upper

284 100

142 34.3 22.2 33.4#

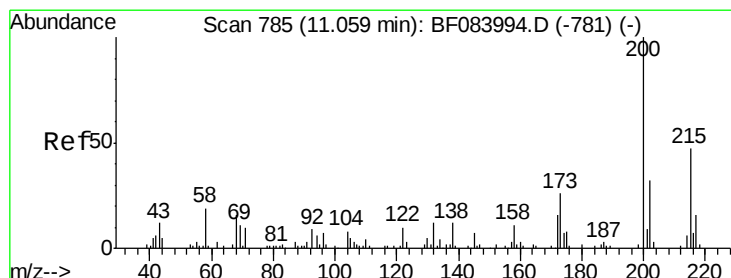
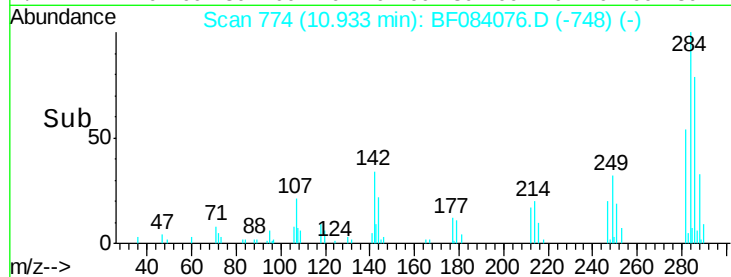
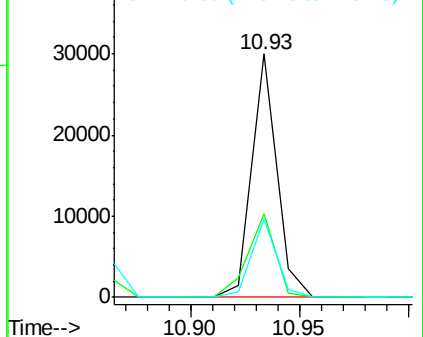
249 32.5 24.6 37.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 9.88 ng

RT: 11.02 min Scan# 782

Delta R.T. 0.00 min

Lab File: BF084076.D

Acq: 24 Dec 2015 13:38

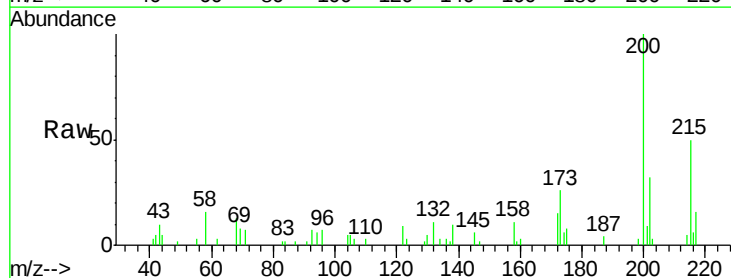
Tgt Ion:200 Resp: 19317

Ion Ratio Lower Upper

200 100

173 25.9 9.5 49.5

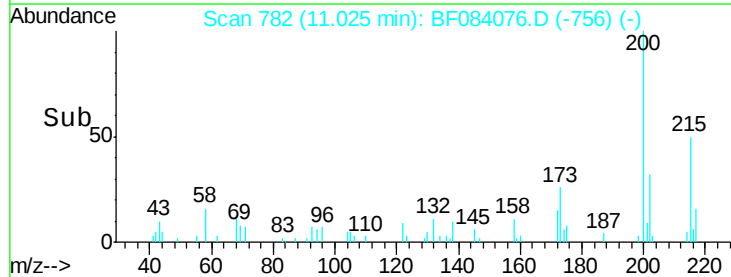
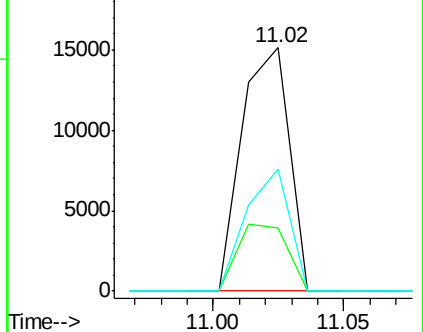
215 50.0 23.8 63.8

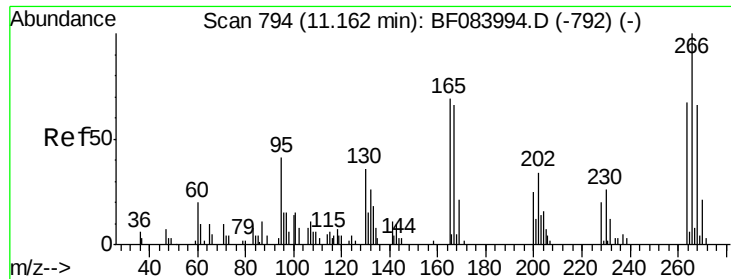


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

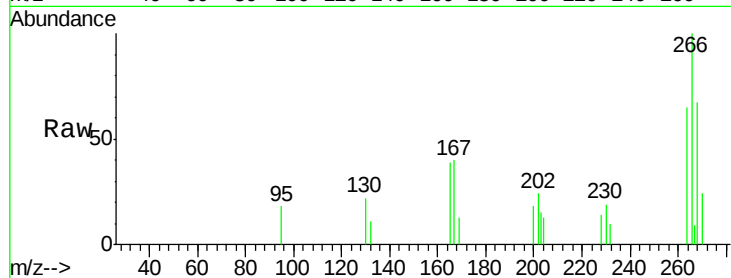




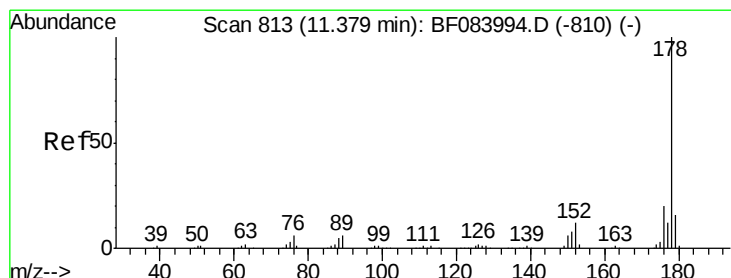
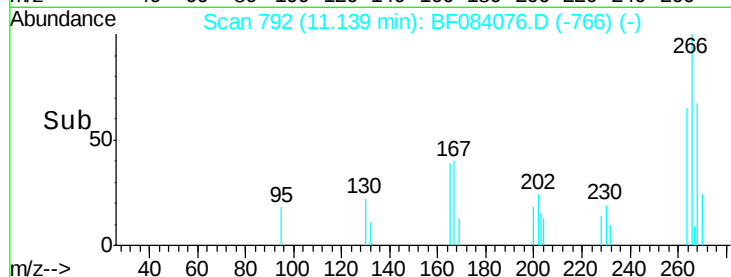
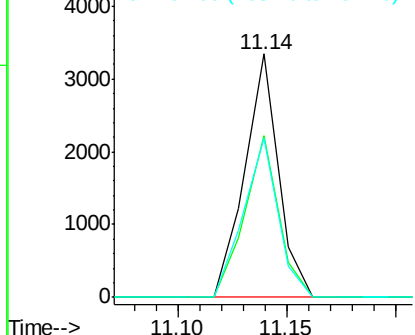
#69
 Pentachlorophenol
 Concen: 5.27 ng
 RT: 11.14 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF084076.D
 Acq: 24 Dec 2015 13:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 3599
 Ion Ratio Lower Upper
 266 100
 268 66.6 52.4 78.6
 264 65.3 50.2 75.2

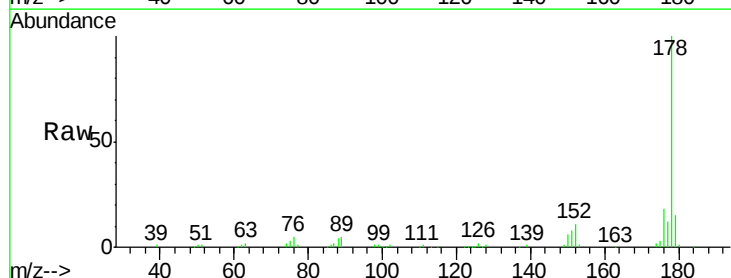


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

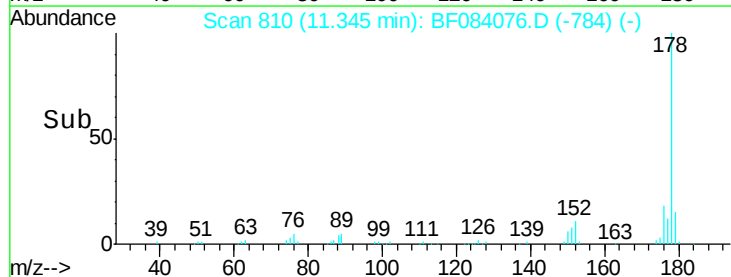
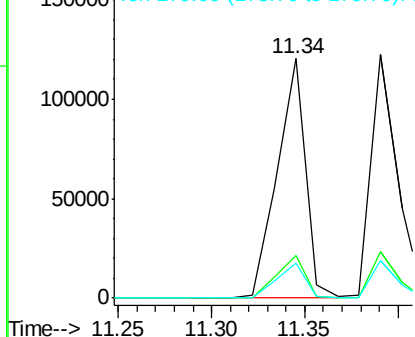


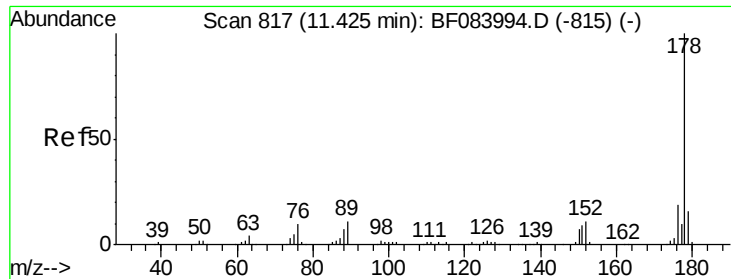
#70
 Phenanthrene
 Concen: 12.82 ng
 RT: 11.34 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF084076.D
 Acq: 24 Dec 2015 13:38

Tgt Ion:178 Resp: 126939
 Ion Ratio Lower Upper
 178 100
 176 17.9 15.3 22.9
 179 14.8 12.0 18.0



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

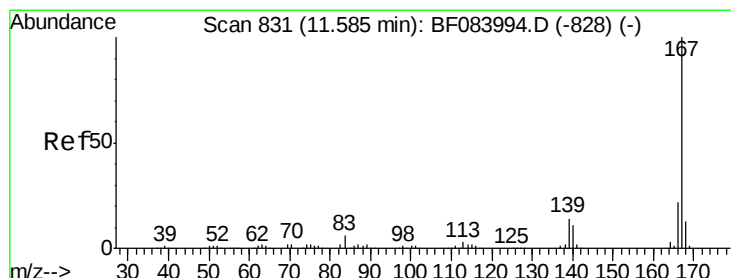
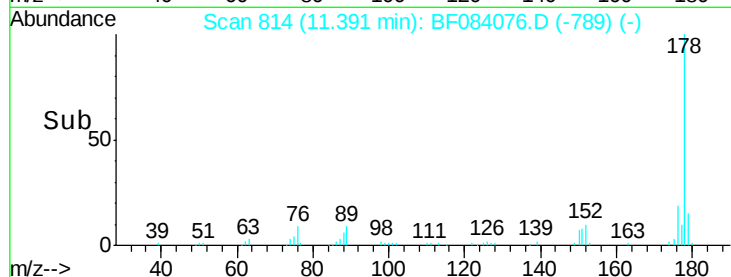
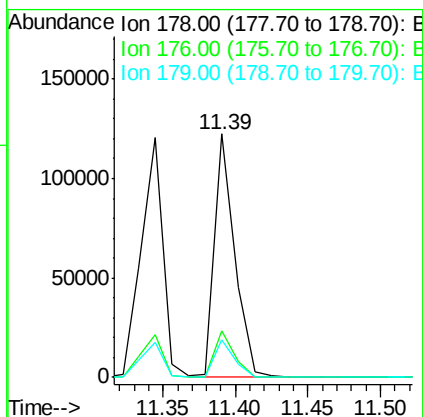
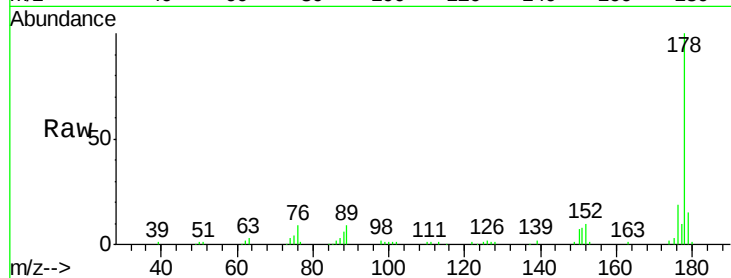




#71
 Anthracene
 Concen: 11.81 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF084076.D
 Acq: 24 Dec 2015 13:38

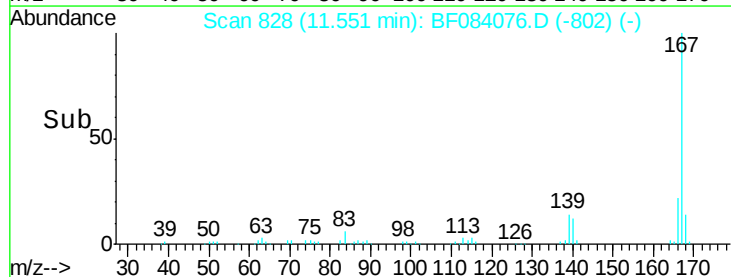
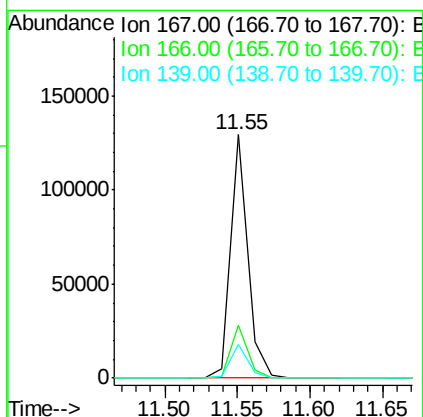
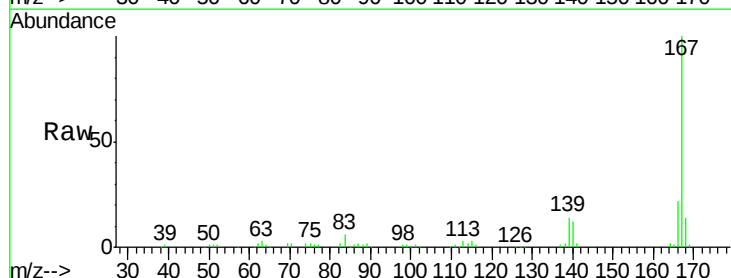
Instrument :
 BNA_F
 ClientSampleId :

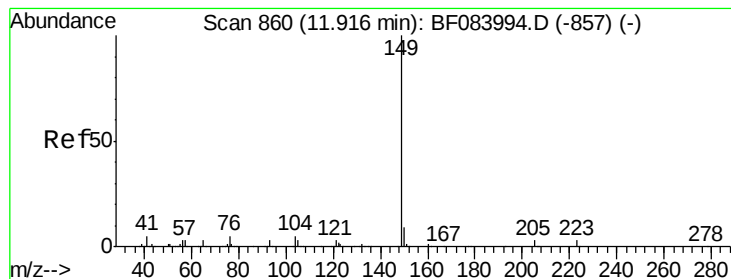
Tot Ion:178 Resp: 118764
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.0
 179 15.4 12.5 18.7



#72
 Carbazole
 Concen: 11.40 ng
 RT: 11.55 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF084076.D
 Acq: 24 Dec 2015 13:38

Tgt Ion:167 Resp: 107178
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.6 26.4
 139 13.7 11.8 17.8





#73

Di-n-butylphthalate

Concen: 11.41 ng

RT: 11.88 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF084076.D

Acq: 24 Dec 2015 13:38

Instrument :

BNA_F

ClientSampleId :

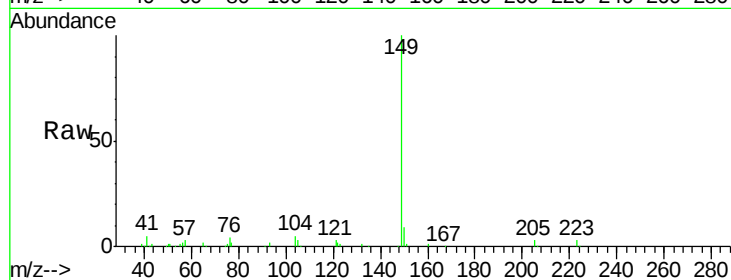
Tot Ion:149 Resp: 133231

Ion Ratio Lower Upper

149 100

150 9.1 7.1 10.7

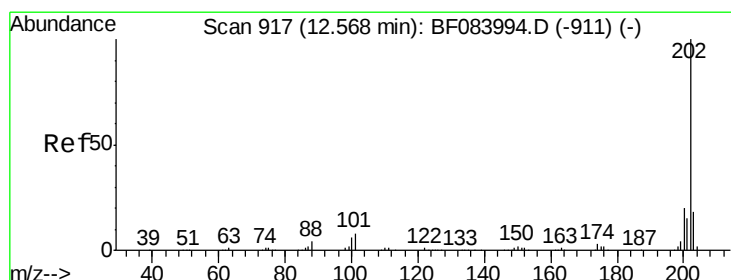
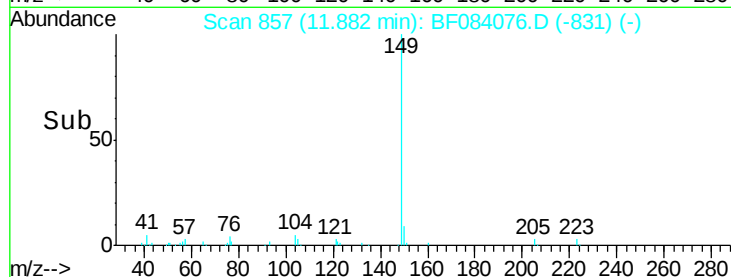
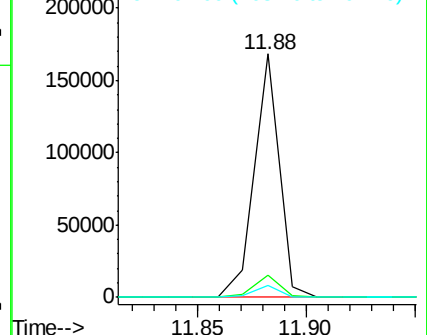
104 4.7 3.2 4.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 15.19 ng

RT: 12.53 min Scan# 914

Delta R.T. 0.00 min

Lab File: BF084076.D

Acq: 24 Dec 2015 13:38

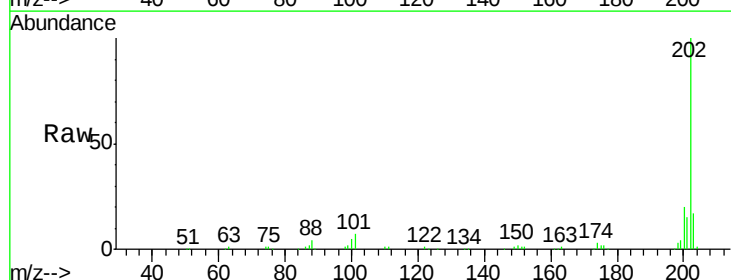
Tgt Ion:202 Resp: 149095

Ion Ratio Lower Upper

202 100

101 7.3 0.0 32.8

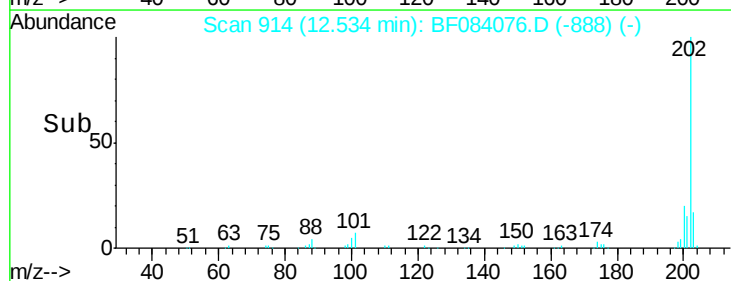
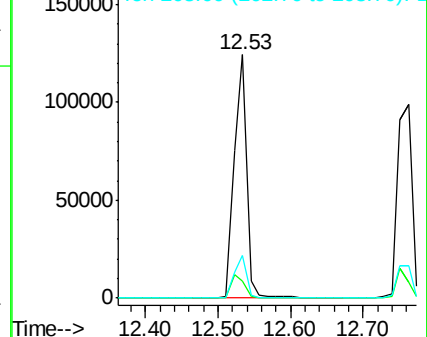
203 17.4 0.0 37.9

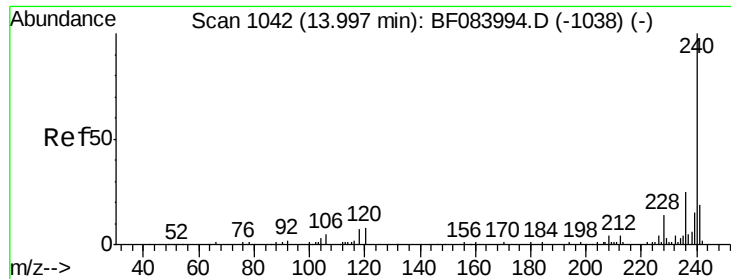


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF084076.D

Acq: 24 Dec 2015 13:38

Instrument :

BNA_F

ClientSampleId :

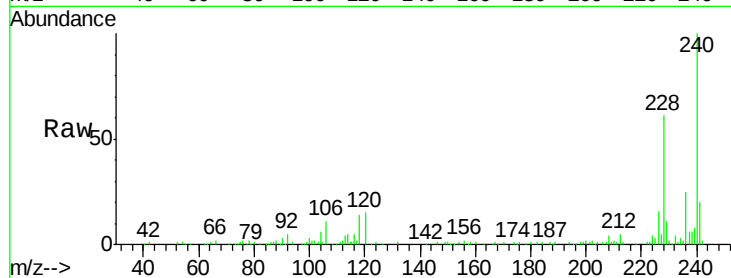
Tot Ion:240 Resp: 132023

Ion Ratio Lower Upper

240 100

120 15.4 9.5 14.3#

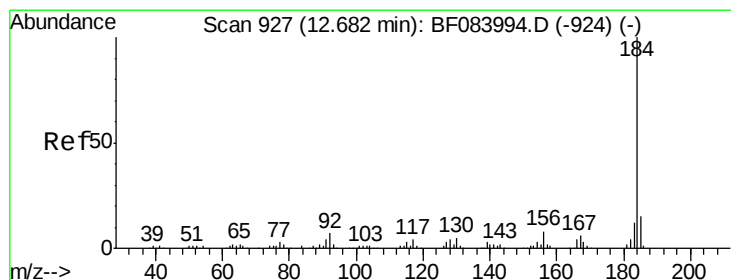
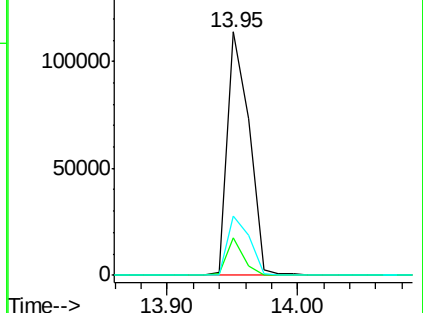
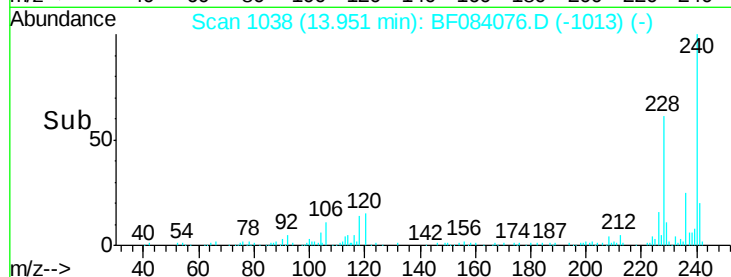
236 24.5 20.6 31.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 10.68 ng

RT: 12.65 min Scan# 924

Delta R.T. 0.00 min

Lab File: BF084076.D

Acq: 24 Dec 2015 13:38

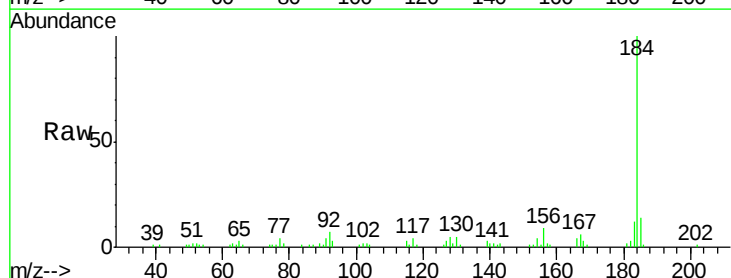
Tgt Ion:184 Resp: 50269

Ion Ratio Lower Upper

184 100

185 14.4 12.2 18.2

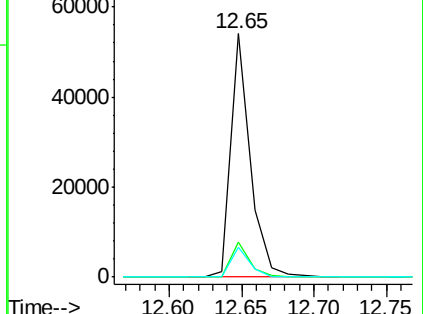
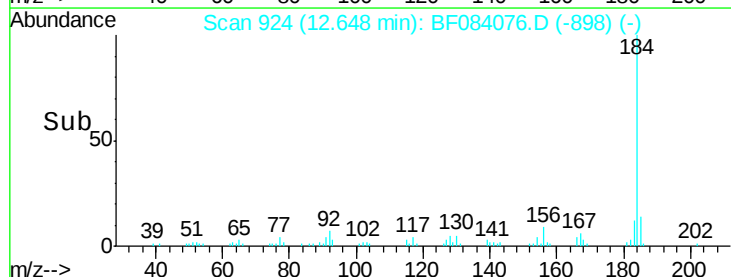
183 12.4 9.8 14.8

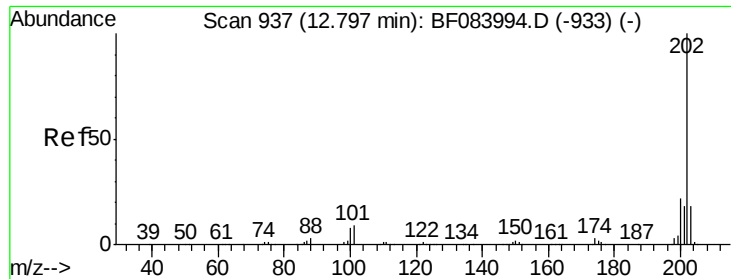


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

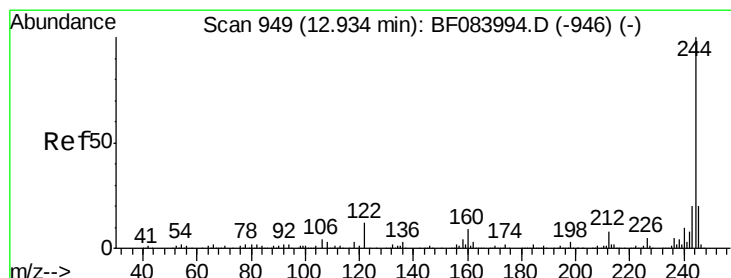
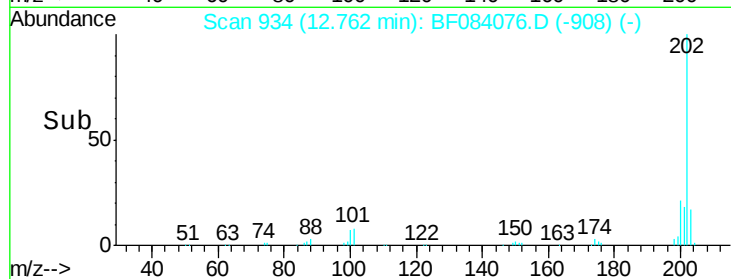
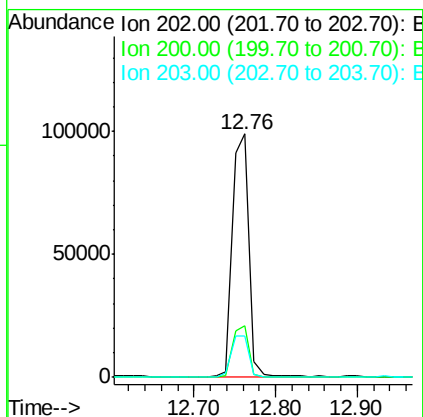
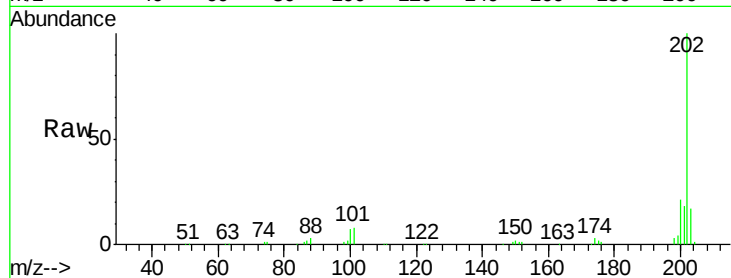




#77
 Pvrene
 Concen: 15.45 ng
 RT: 12.76 min Scan# 934
 Delta R.T. 0.00 min
 Lab File: BF084076.D
 Acq: 24 Dec 2015 13:38

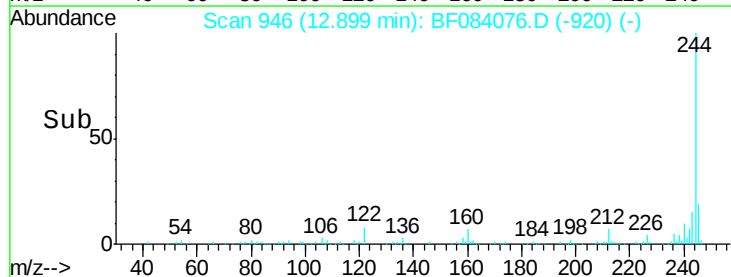
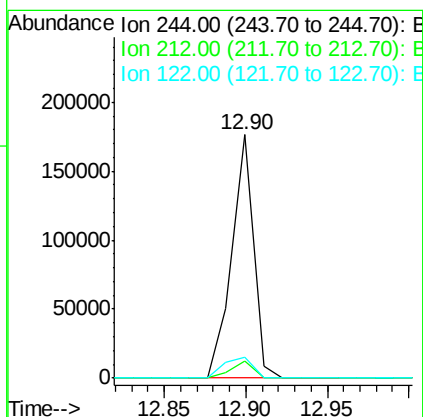
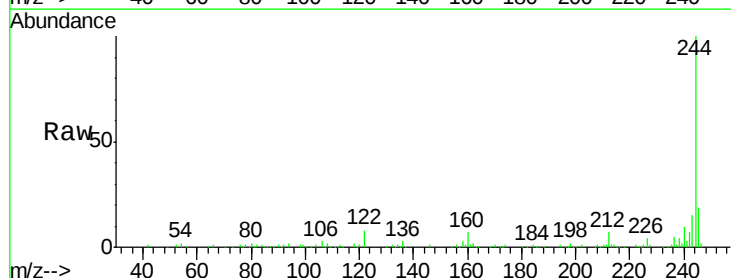
Instrument :
 BNA_F
 ClientSampleId :

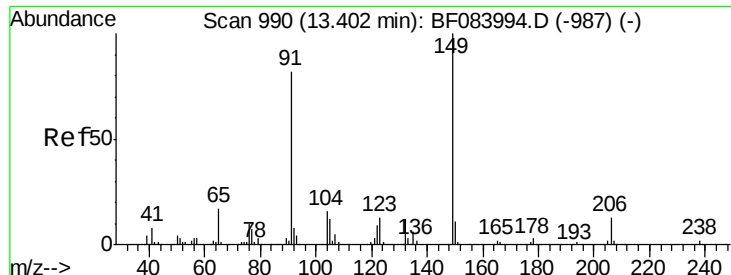
Tot Ion:202 Resp: 138348
 Ion Ratio Lower Upper
 202 100
 200 21.2 17.2 25.8
 203 17.0 14.3 21.5



#78
 Terphenyl-d14
 Concen: 29.23 ng
 RT: 12.90 min Scan# 946
 Delta R.T. 0.00 min
 Lab File: BF084076.D
 Acq: 24 Dec 2015 13:38

Tgt Ion:244 Resp: 161831
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 8.4 7.4 11.0

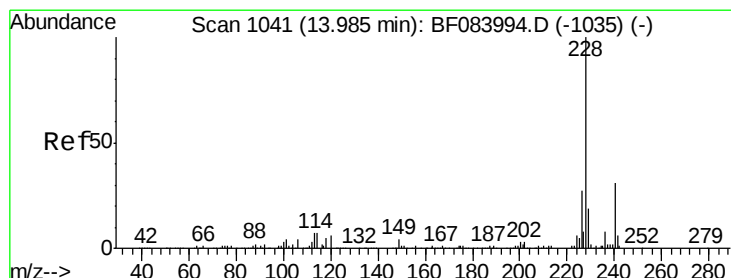
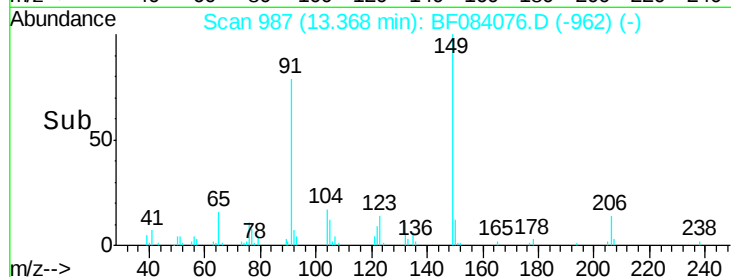
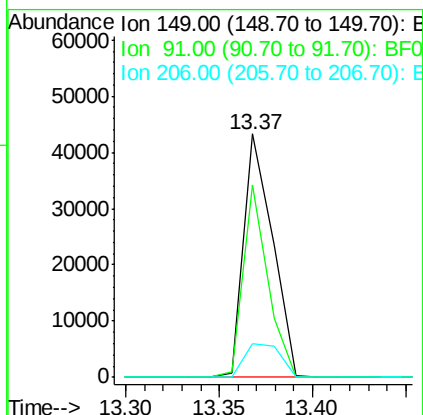
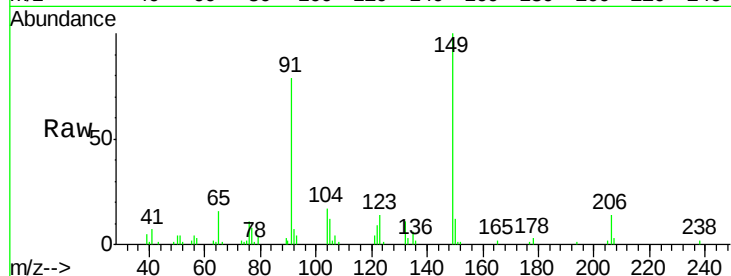




#79
Butylbenzylphthalate
Concen: 11.30 ng
RT: 13.37 min Scan# 987
Delta R.T. -0.01 min
Lab File: BF084076.D
Acq: 24 Dec 2015 13:38

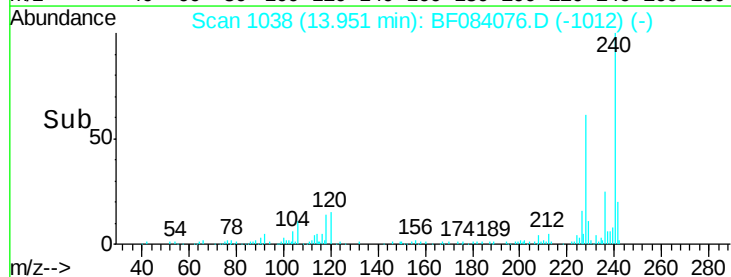
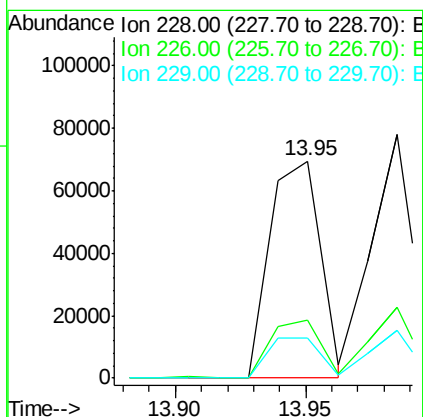
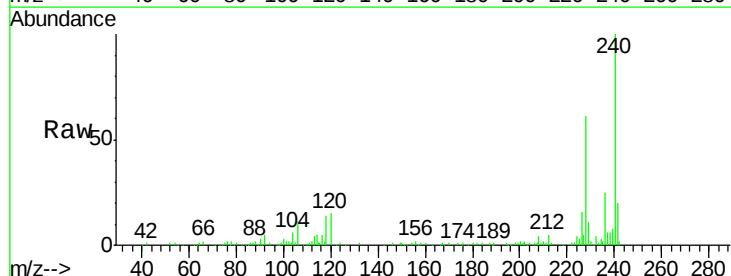
Instrument :
BNA_F
ClientSampleId :

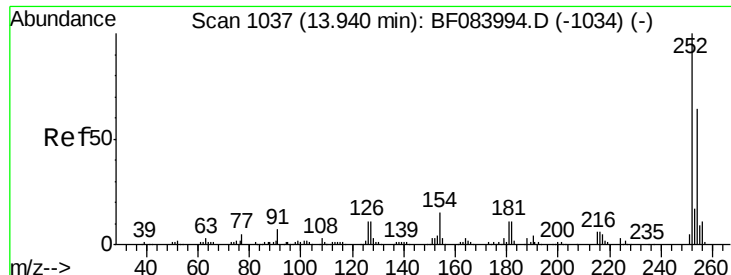
Tot Ion:149 Resp: 46539
Ion Ratio Lower Upper
149 100
91 78.9 57.6 86.4
206 13.8 13.2 19.8



#80
Benzo(a)anthracene
Concen: 12.35 ng
RT: 13.95 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF084076.D
Acq: 24 Dec 2015 13:38

Tgt Ion:228 Resp: 94049
Ion Ratio Lower Upper
228 100
226 26.5 21.8 32.6
229 18.6 15.8 23.8

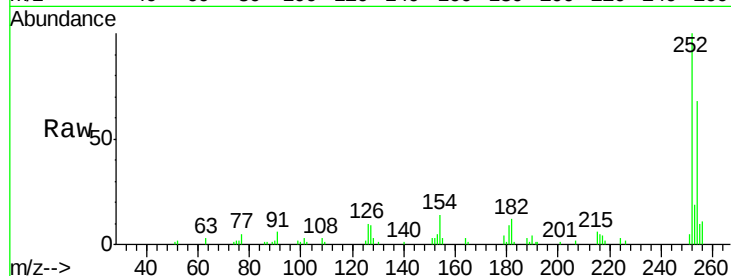




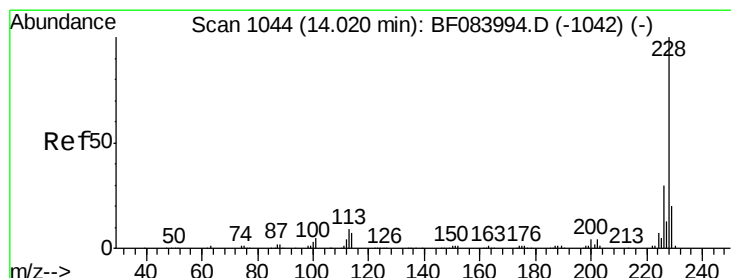
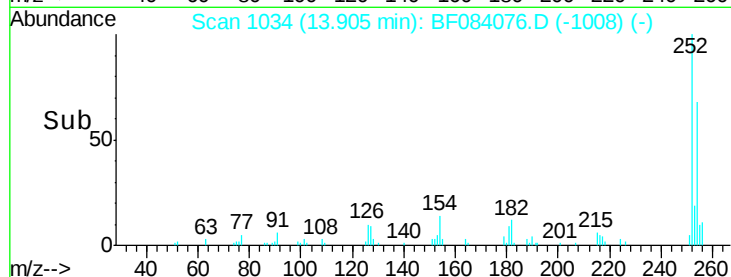
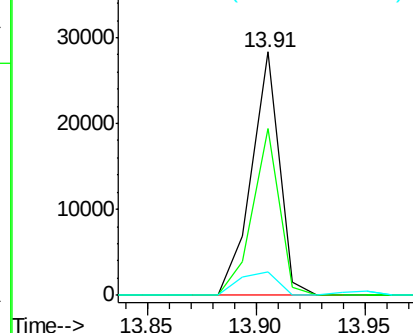
#81
 3,3'-Dichlorobenzidine
 Concen: 8.79 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: BF084076.D
 Acq: 24 Dec 2015 13:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 25167
 Ion Ratio Lower Upper
 252 100
 254 68.4 53.5 80.3
 126 9.5 4.9 7.3#

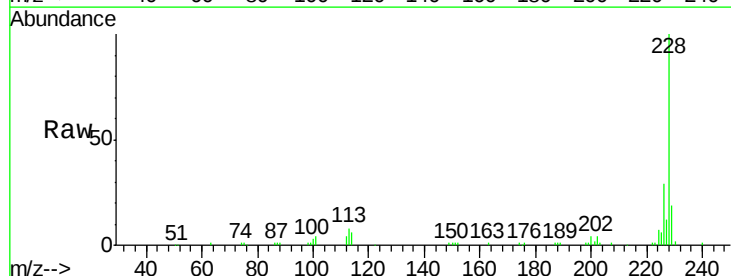


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

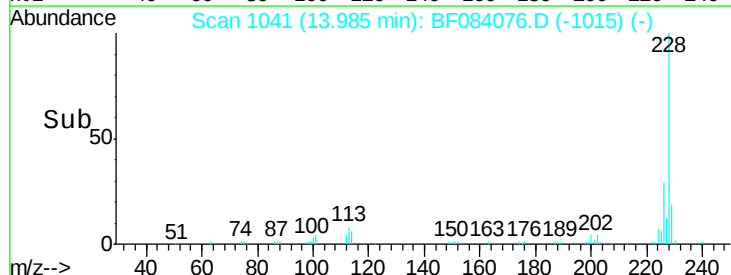
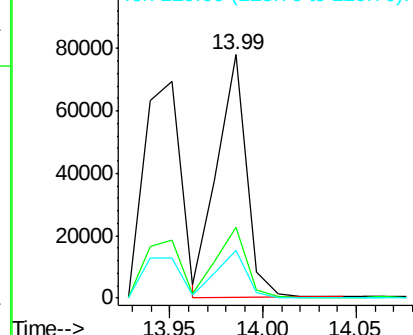


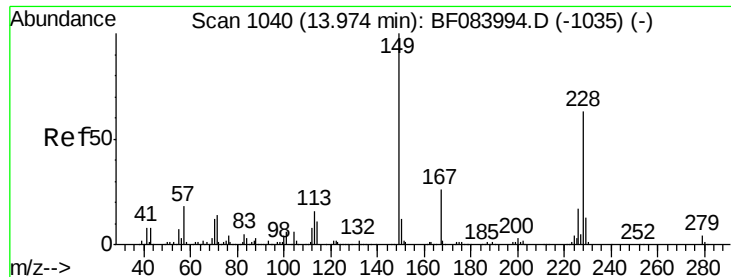
#82
 Chrysene
 Concen: 12.13 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF084076.D
 Acq: 24 Dec 2015 13:38

Tgt Ion:228 Resp: 85716
 Ion Ratio Lower Upper
 228 100
 226 29.0 24.3 36.5
 229 19.4 16.1 24.1



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 10.72 ng

RT: 13.94 min Scan# 1037

Delta R.T. 0.00 min

Lab File: BF084076.D

Acq: 24 Dec 2015 13:38

Instrument :

BNA_F

ClientSampleId :

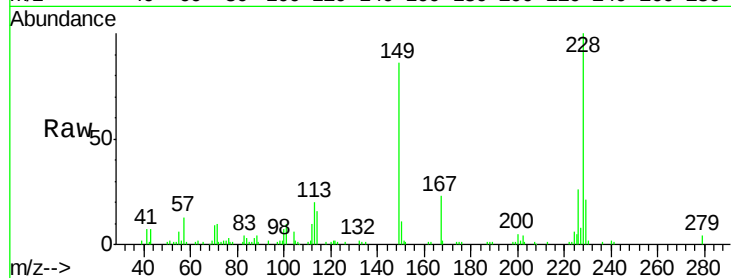
Tot Ion:149 Resp: 61223

Ion Ratio Lower Upper

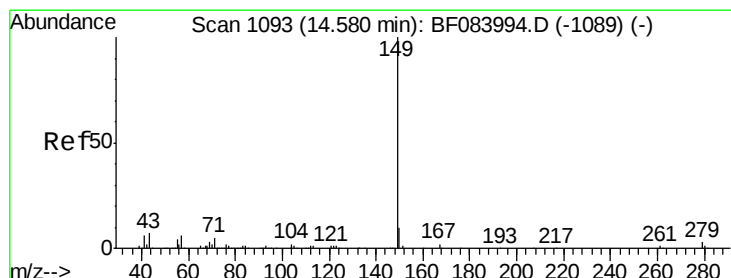
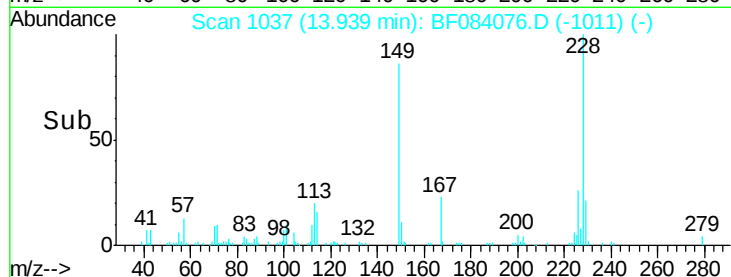
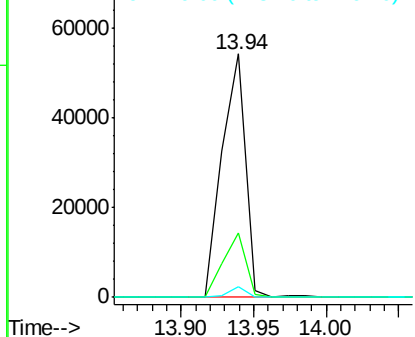
149 100

167 26.5 19.7 29.5

279 4.2 1.8 2.6#



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



#84

Di-n-octyl phthalate

Concen: 9.78 ng

RT: 14.55 min Scan# 1090

Delta R.T. 0.00 min

Lab File: BF084076.D

Acq: 24 Dec 2015 13:38

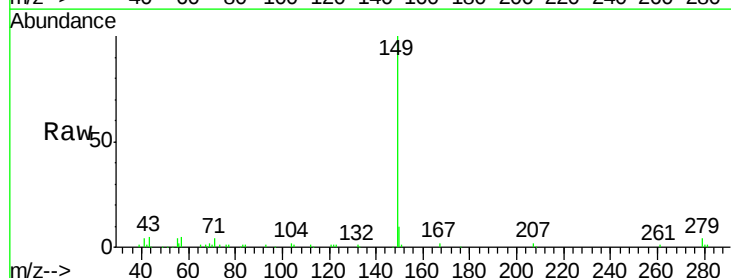
Tgt Ion:149 Resp: 85962

Ion Ratio Lower Upper

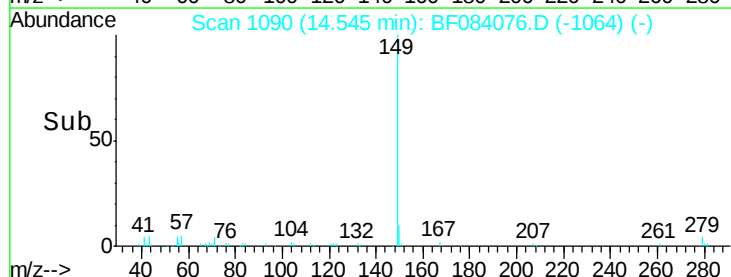
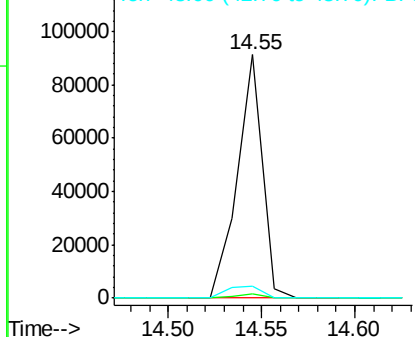
149 100

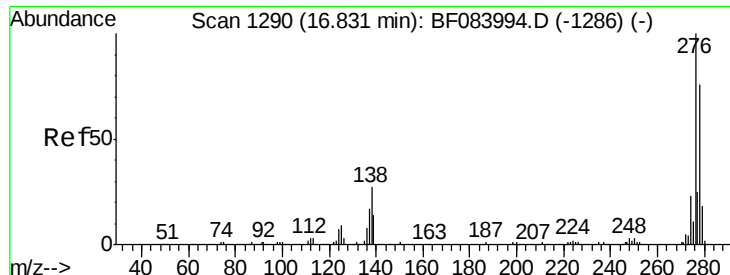
167 1.8 1.2 1.8

43 7.4 5.6 8.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

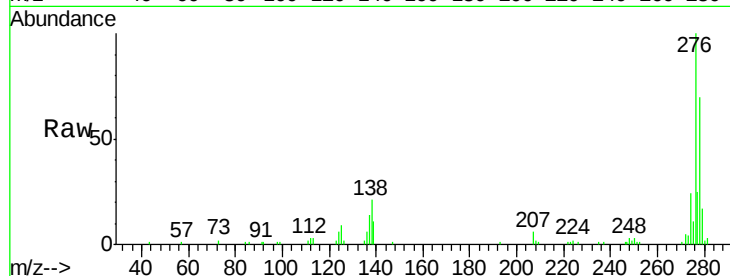




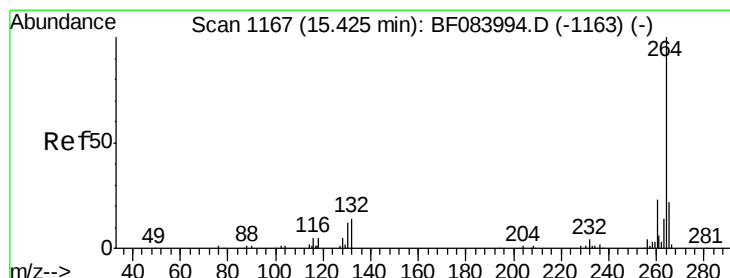
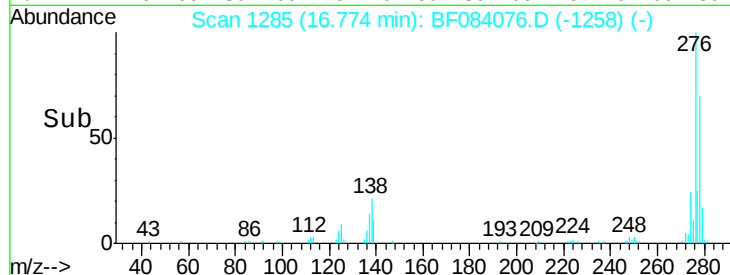
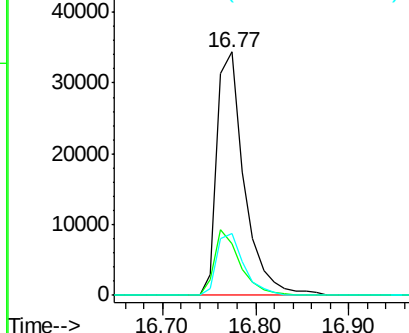
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 11.96 ng
 RT: 16.77 min Scan# 1285
 Delta R.T. 0.01 min
 Lab File: BF084076.D
 Acq: 24 Dec 2015 13:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 69911
 Ion Ratio Lower Upper
 276 100
 138 25.4 20.6 30.8
 277 25.2 20.1 30.1

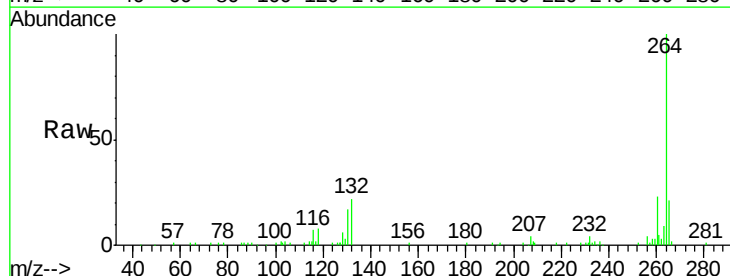


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

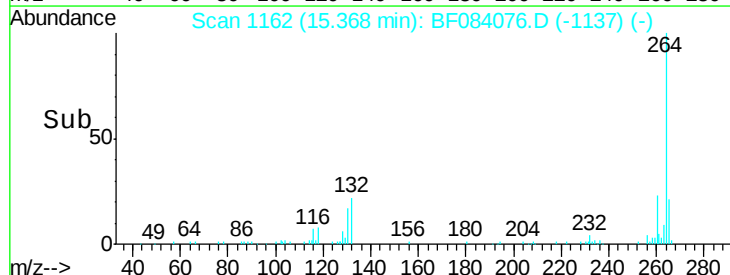
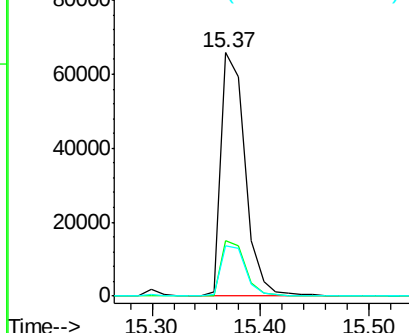


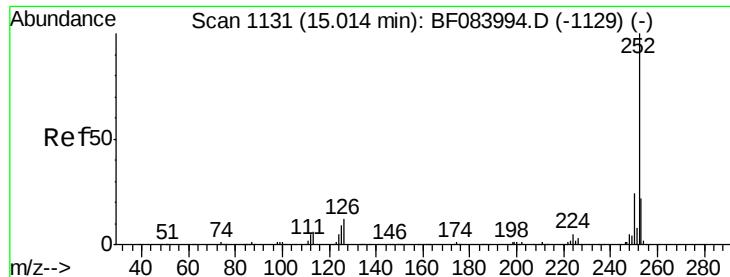
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1162
 Delta R.T. -0.01 min
 Lab File: BF084076.D
 Acq: 24 Dec 2015 13:38

Tgt Ion:264 Resp: 101204
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.4 29.2
 265 20.7 17.8 26.6



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

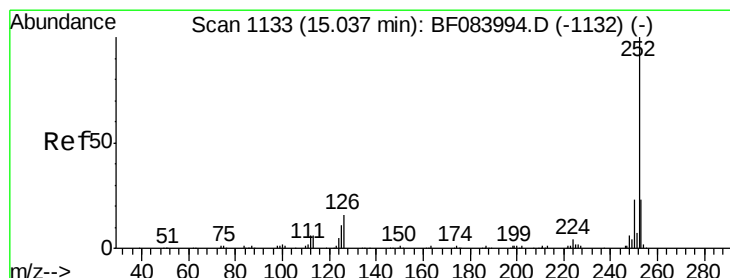
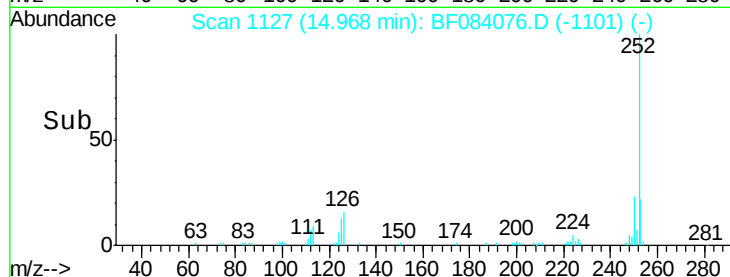
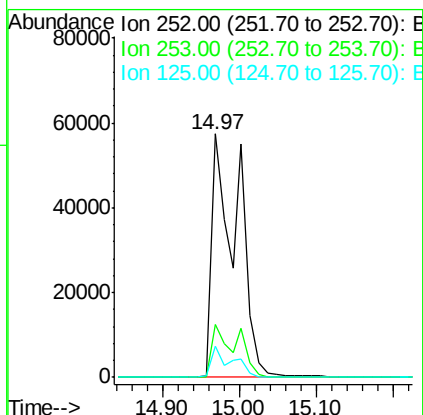
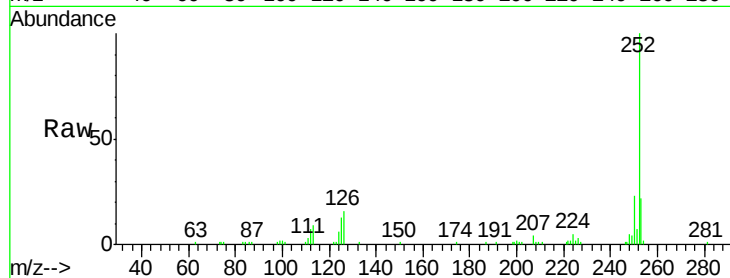




#87
Benzo(b)fluoranthene
Concen: 21.23 ng
RT: 14.97 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BF084076.D
Acq: 24 Dec 2015 13:38

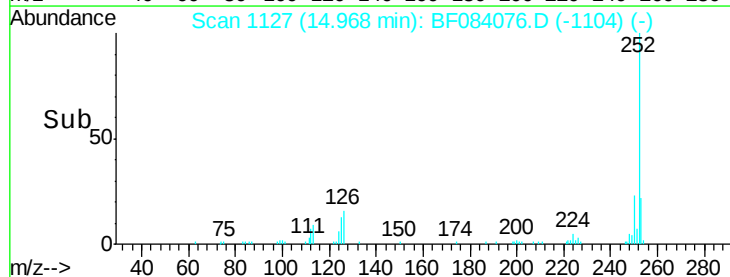
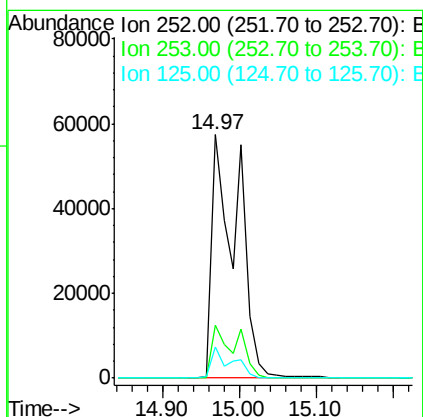
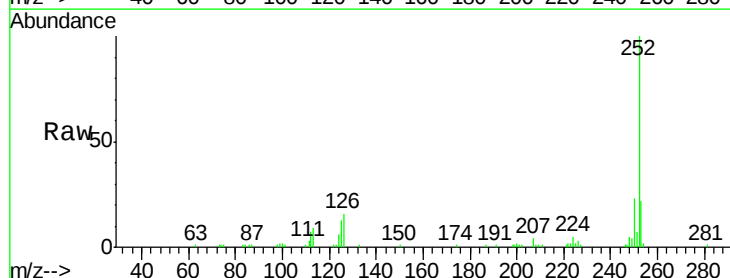
Instrument :
BNA_F
ClientSampleId :

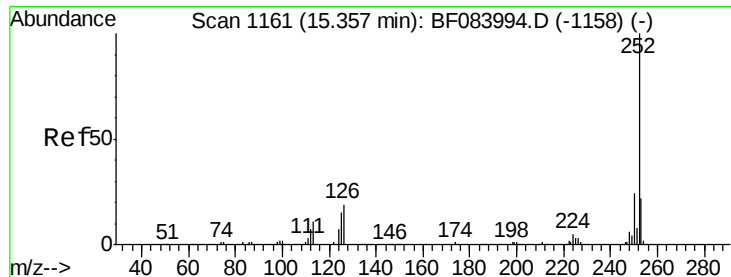
Tot Ion:252 Resp: 135447
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 12.6 6.5 9.7#



#88
Benzo(k)fluoranthene
Concen: 22.32 ng
RT: 14.97 min Scan# 1127
Delta R.T. -0.03 min
Lab File: BF084076.D
Acq: 24 Dec 2015 13:38

Tgt Ion:252 Resp: 135447
Ion Ratio Lower Upper
252 100
253 22.0 18.1 27.1
125 12.6 9.0 13.6





#89

Benzo(a)pyrene

Concen: 10.31 ng

RT: 15.32 min Scan# 1158

Delta R.T. 0.00 min

Lab File: BF084076.D

Acq: 24 Dec 2015 13:38

Instrument :

BNA_F

ClientSampleId :

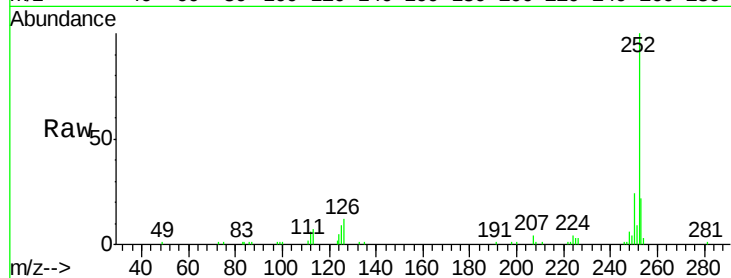
Tot Ion:252 Resp: 60930

Ion Ratio Lower Upper

252 100

253 21.5 17.3 25.9

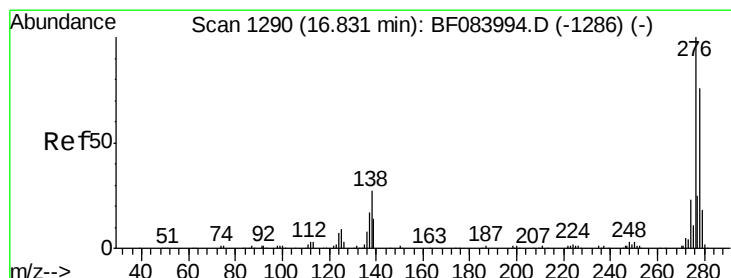
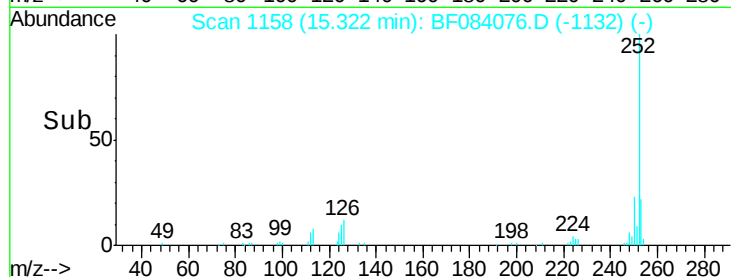
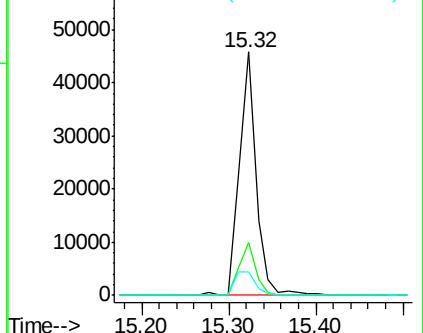
125 9.4 7.0 10.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 12.12 ng

RT: 16.77 min Scan# 1285

Delta R.T. 0.00 min

Lab File: BF084076.D

Acq: 24 Dec 2015 13:38

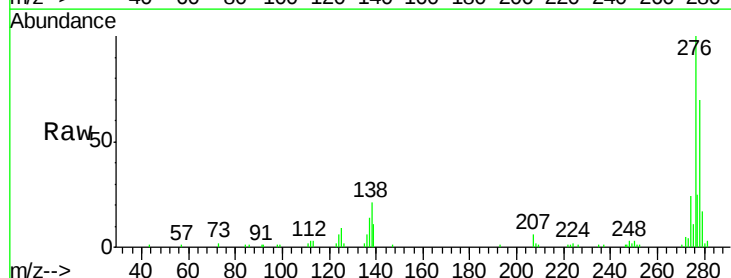
Tgt Ion:278 Resp: 59332

Ion Ratio Lower Upper

278 100

139 15.4 15.0 22.4

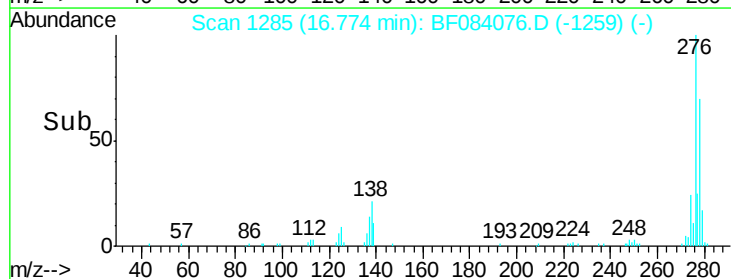
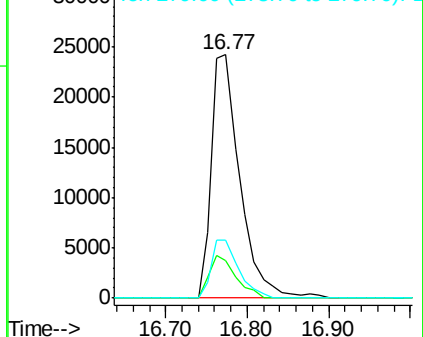
279 23.6 18.9 28.3

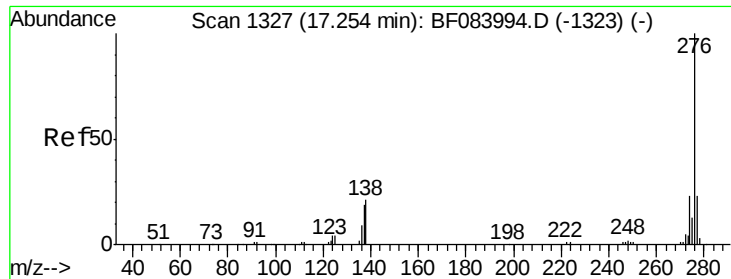


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 11.85 ng
 RT: 17.19 min Scan# 1321
 Delta R.T. 0.00 min
 Lab File: BF084076.D
 Acq: 24 Dec 2015 13:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276	Resp:	58678
Ion Ratio	Lower	Upper
276	100	
277	23.1	18.8 28.2
138	21.0	17.8 26.6

