

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122415\
 Data File : BF084080.D
 Acq On : 24 Dec 2015 15:32
 Operator : UM/SJ
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 24 16:02:03 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 15:37:25 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	47595	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	189224	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	85789	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	160421	20.00	ng	0.00
75) Chrysene-d12	13.96	240	109506	20.00	ng	0.00
86) Perylene-d12	15.38	264	89964	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	344159	60.59	ng	0.00
7) Phenol-d6	6.46	99	414294	58.58	ng	0.01
23) Nitrobenzene-d5	7.38	82	402995	62.06	ng	0.01
41) 2,4,6-Tribromophenol	10.64	330	114584	63.66	ng	0.01
44) 2-Fluorobiphenyl	9.16	172	684272	53.57	ng	0.00
78) Terphenyl-d14	12.90	244	676342	54.29	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.34	88	69758	60.82	ng	99
3) Pyridine	3.06	79	192554	71.42	ng	98
4) n-Nitrosodimethylamine	3.01	42	76923	69.24	ng	93
6) Aniline	6.46	93	254764	57.34	ng	91
8) 2-Chlorophenol	6.59	128	199218	55.74	ng	99
9) Benzaldehyde	6.35	77	101647	51.78	ng	91
10) Phenol	6.48	94	257862	64.11	ng	98
11) bis(2-Chloroethyl)ether	6.54	93	175653	60.91	ng	98
12) 1,3-Dichlorobenzene	6.82	146	235144	59.99	ng	97
13) 1,4-Dichlorobenzene	6.82	146	235144	61.27	ng	95
14) 1,2-Dichlorobenzene	6.98	146	194784	54.07	ng	93
15) Benzyl Alcohol	6.96	79	157087	58.48	ng	90
16) 2,2'-oxybis(1-Chloropropan	7.08	45	160585	56.31	ng	# 1
17) 2-Methylphenol	7.08	107	159642	58.92	ng	# 89
18) Hexachloroethane	7.31	117	81837	57.28	ng	94
19) n-Nitroso-di-n-propylamine	7.23	70	126585	58.19	ng	# 91
20) 3+4-Methylphenols	7.23	107	190889	54.96	ng	# 61
22) Acetophenone	7.22	105	264064	54.53	ng	# 93
24) Nitrobenzene	7.39	77	188584	53.28	ng	98
25) Isophorone	7.64	82	348179	57.43	ng	# 92
26) 2-Nitrophenol	7.71	139	116624	68.26	ng	96
27) 2,4-Dimethylphenol	7.76	122	175012	59.24	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	200508	56.82	ng	# 97
29) 2,4-Dichlorophenol	7.96	162	164535	60.58	ng	94
30) 1,2,4-Trichlorobenzene	8.03	180	170649	55.84	ng	99
31) Naphthalene	8.11	128	587675	56.43	ng	100
32) Benzoic acid	7.92	122	94902	84.78	ng	96
33) 4-Chloroaniline	8.17	127	250529	62.69	ng	# 90
34) Hexachlorobutadiene	8.24	225	98816	57.73	ng	99
35) Caprolactam	8.56	113	46911	62.65	ng	96
36) 4-Chloro-3-methylphenol	8.66	107	171506	56.09	ng	92
37) 2-Methylnaphthalene	8.80	142	347955	53.86	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	154743	55.58	ng	98
40) Hexachlorocyclopentadiene	8.96	237	44730	99.52	ng	97

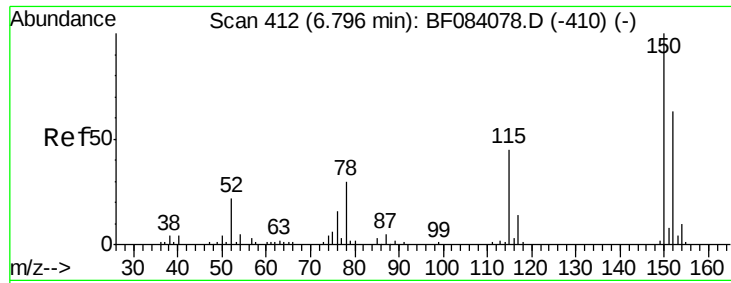
Data Path : Z:\HPCHEM1\BNA F\DATA\BF122415\
 Data File : BF084080.D
 Acq On : 24 Dec 2015 15:32
 Operator : UM/SJ
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 24 15:37:25 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	106599	60.56	nq	94
43) 2,4,5-Trichlorophenol	9.14	196	105260	59.62	nq	100
45) 1,1'-Biphenyl	9.26	154	437899	54.45	nq	99
46) 2-Chloronaphthalene	9.29	162	331428	55.12	nq	99
47) 2-Nitroaniline	9.39	65	100835	64.41	nq	# 83
48) Acenaphthylene	9.70	152	540530	55.01	nq	99
49) Dimethylphthalate	9.57	163	407673	56.60	nq	# 91
50) 2,6-Dinitrotoluene	9.63	165	81618	54.04	nq	# 52
51) Acenaphthene	9.87	154	315376	55.21	nq	100
52) 3-Nitroaniline	9.80	138	84600	51.87	nq	95
53) 2,4-Dinitrophenol	9.92	184	33390	100.79	nq	93
54) Dibenzofuran	10.04	168	419428	52.77	nq	# 89
55) 4-Nitrophenol	9.98	139	52658	70.44	nq	# 79
56) 2,4-Dinitrotoluene	10.04	165	125464	61.73	nq	96
57) Fluorene	10.38	166	358644	52.98	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	73450	58.55	nq	99
59) Diethylphthalate	10.27	149	448350	61.02	nq	99
60) 4-Chlorophenyl-phenylether	10.38	204	173323	56.42	nq	88
61) 4-Nitroaniline	10.42	138	87612	58.84	nq	95
62) Azobenzene	10.54	77	363603	61.95	nq	93
64) 4,6-Dinitro-2-methylphenol	10.45	198	59857	83.56	nq	96
65) n-Nitrosodiphenylamine	10.50	169	307365	52.00	nq	98
66) 4-Bromophenyl-phenylether	10.86	248	102601	53.20	nq	# 68
67) Hexachlorobenzene	10.94	284	119555	58.36	nq	# 89
68) Atrazine	11.04	200	108747	62.74	nq	95
69) Pentachlorophenol	11.14	266	38545	77.34	nq	99
70) Phenanthrene	11.34	178	495885	39.41	nq	98
71) Anthracene	11.40	178	563634	54.07	nq	100
72) Carbazole	11.56	167	480208	51.27	nq	97
73) Di-n-butylphthalate	11.88	149	572561	50.11	nq	# 97
74) Fluoranthene	12.53	202	527291	34.71	nq	98
76) Benzidine	12.65	184	201688	54.48	nq	97
77) Pyrene	12.76	202	526392	41.65	nq	99
79) Butylbenzylphthalate	13.38	149	240489	61.35	nq	86
80) Benzo(a)anthracene	13.95	228	389858	48.86	nq	99
81) 3,3'-Dichlorobenzidine	13.91	252	118904	56.86	nq	# 95
82) Chrysene	13.99	228	323800	43.29	nq	99
83) Bis(2-ethylhexyl)phthalate	13.94	149	289522	55.72	nq	# 97
84) Di-n-octyl phthalate	14.55	149	418377	57.66	nq	100
85) Indeno(1,2,3-cd)pyrene	16.77	276	402663	65.94	nq	99
87) Benzo(b)fluoranthene	15.00	252	645852	91.11	nq	# 98
88) Benzo(k)fluoranthene	15.00	252	645852	128.62	nq	98
89) Benzo(a)pyrene	15.32	252	309625	54.62	nq	99
90) Dibenzo(a,h)anthracene	16.77	278	333260	62.15	nq	98
91) Benzo(g,h,i)perylene	17.19	276	344584	63.18	nq	99

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

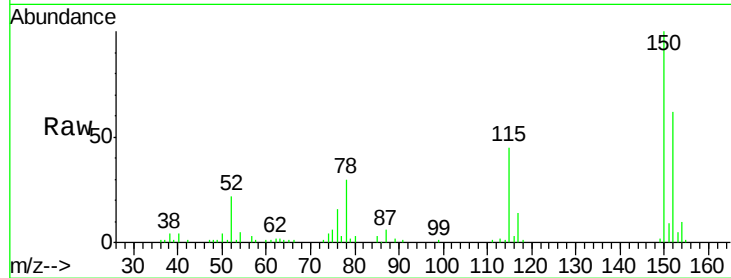


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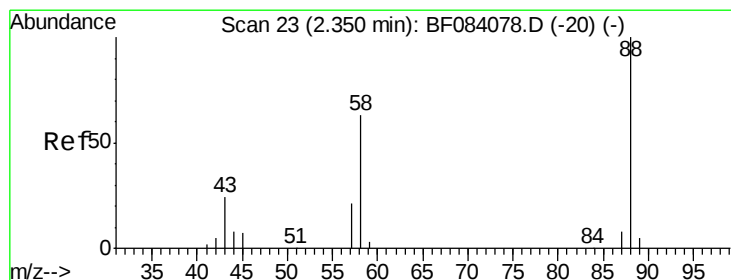
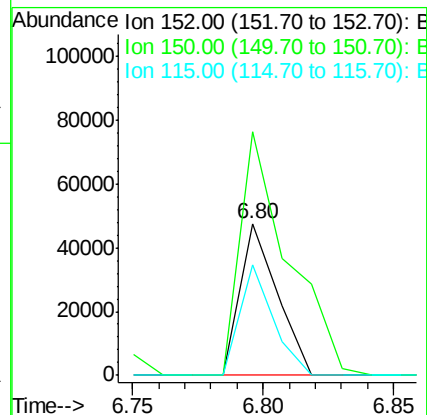
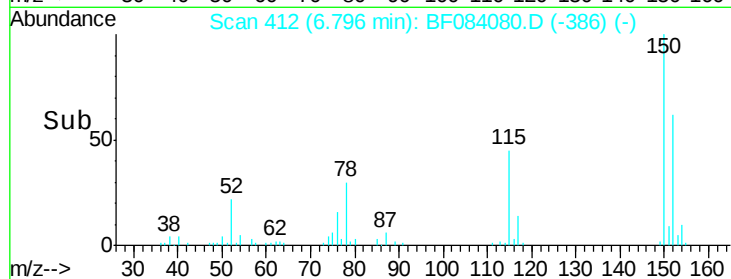
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF084080.D
Acq: 24 Dec 2015 15:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 47595
Ion Ratio Lower Upper
152 100
150 160.5 123.0 184.4
115 72.8 51.4 77.2



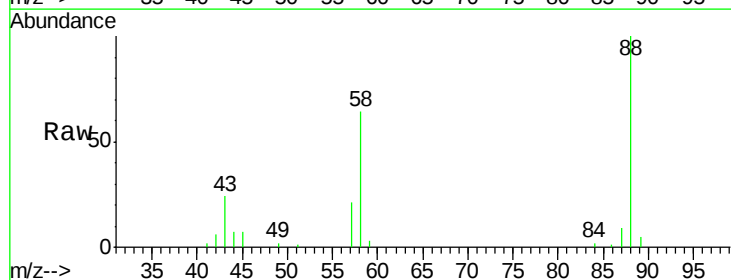
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



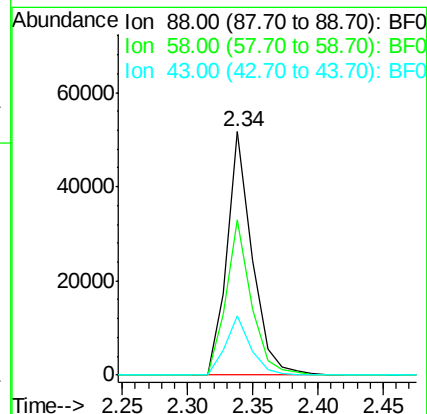
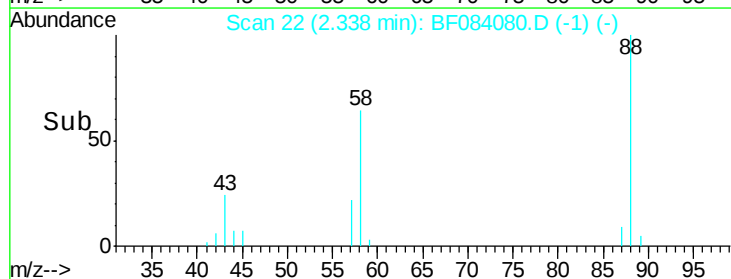
#2

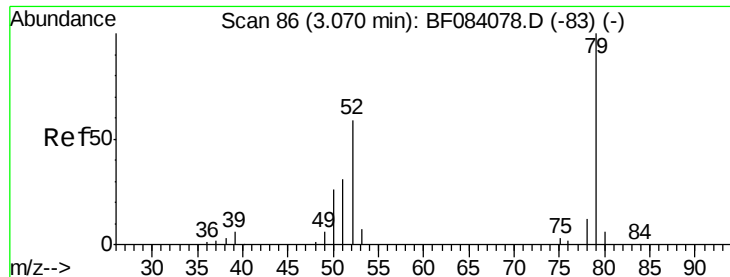
1,4-Dioxane
Concen: 60.82 ng
RT: 2.34 min Scan# 22
Delta R.T. -0.01 min
Lab File: BF084080.D
Acq: 24 Dec 2015 15:32

Tgt Ion: 88 Resp: 69758
Ion Ratio Lower Upper
88 100
58 63.4 51.2 76.8
43 24.0 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: 71.42 ng

RT: 3.06 min Scan# 85

Delta R.T. -0.01 min

Lab File: BF084080.D

Acq: 24 Dec 2015 15:32

Instrument :

BNA_F

ClientSampleId :

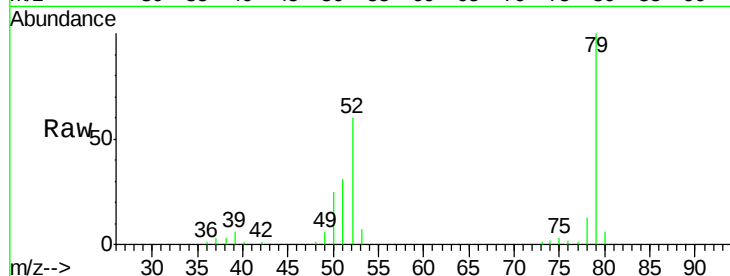
Tot Ion: 79 Resp: 192554

Ion Ratio Lower Upper

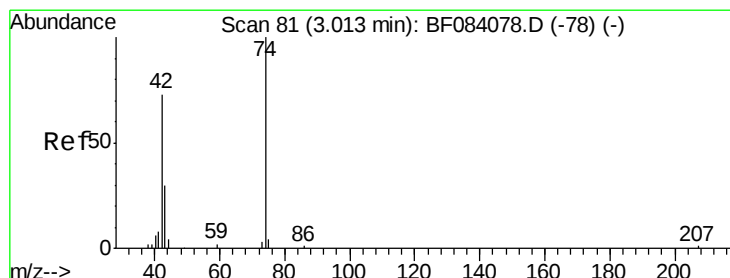
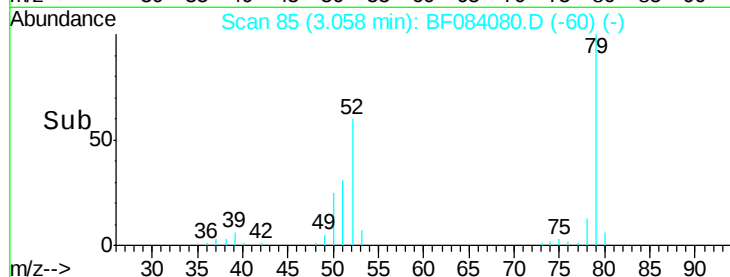
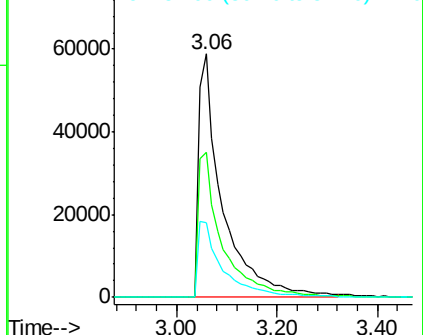
79 100

52 59.5 49.0 73.4

51 30.6 25.2 37.8



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 52.00 (51.70 to 52.70): BF0
Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 69.24 ng

RT: 3.01 min Scan# 81

Delta R.T. 0.00 min

Lab File: BF084080.D

Acq: 24 Dec 2015 15:32

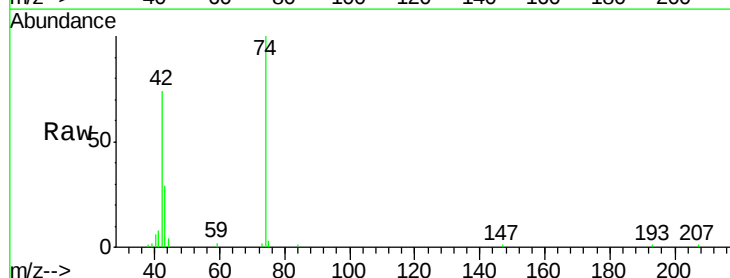
Tgt Ion: 42 Resp: 76923

Ion Ratio Lower Upper

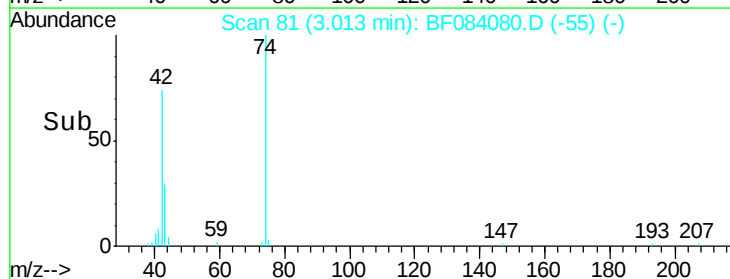
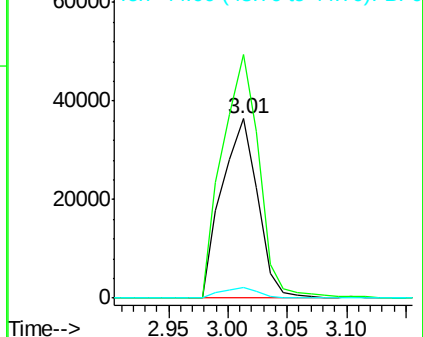
42 100

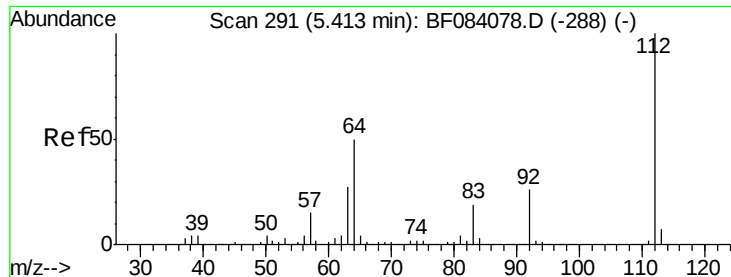
74 135.8 115.7 173.5

44 6.1 5.1 7.7



Abundance Ion 42.00 (41.70 to 42.70): BF0
Ion 74.00 (73.70 to 74.70): BF0
Ion 44.00 (43.70 to 44.70): BF0

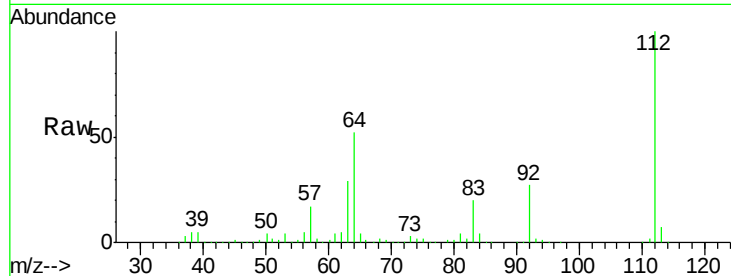




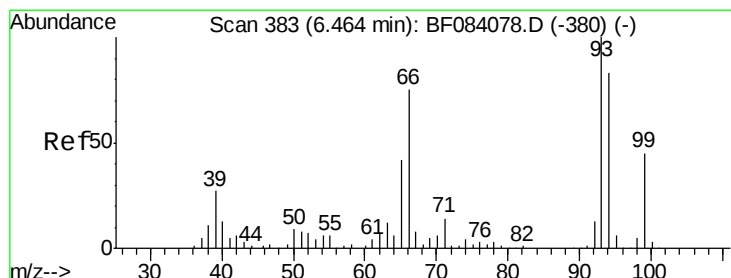
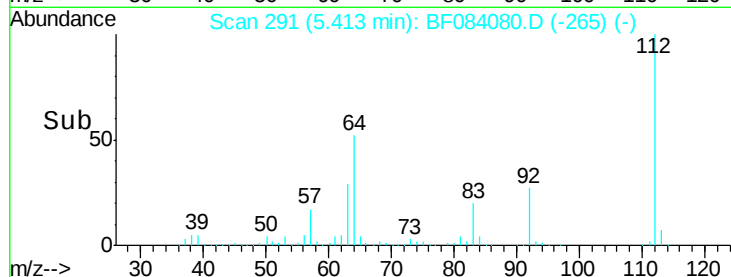
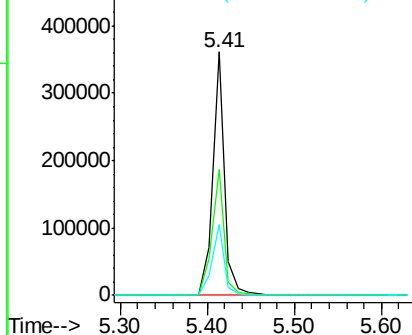
#5
2-Fluorophenol
Concen: 60.59 ng
RT: 5.41 min Scan# 291
Delta R.T. 0.00 min
Lab File: BF084080.D
Acq: 24 Dec 2015 15:32

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
112	100		
64	51.8	36.6	55.0
63	28.9	19.4	29.0

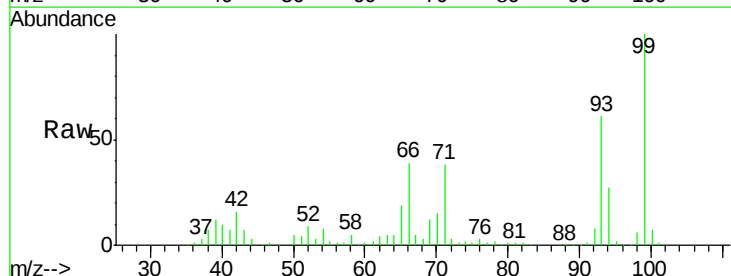


Abundance Ion 112.00 (111.70 to 112.70): BF0
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0

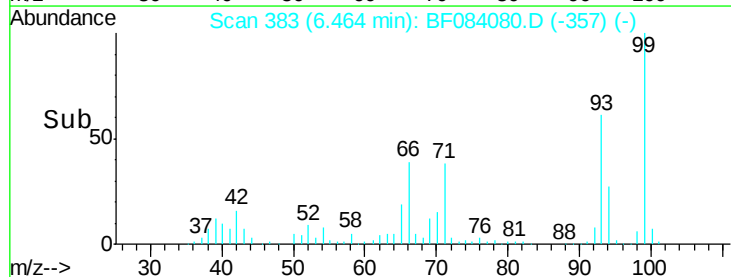
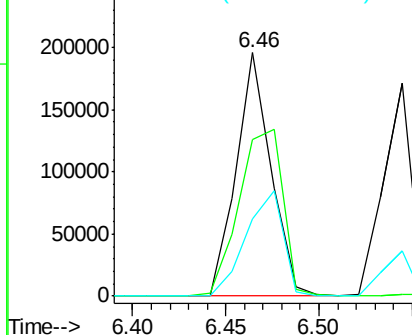


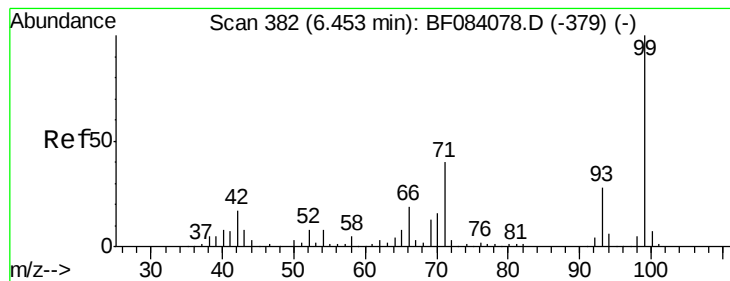
#6
Aniline
Concen: 57.34 ng
RT: 6.46 min Scan# 383
Delta R.T. 0.00 min
Lab File: BF084080.D
Acq: 24 Dec 2015 15:32

Tgt Ion	Ratio	Lower	Upper
93	100		
66	64.5	44.9	67.3
65	32.0	23.7	35.5



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 66.00 (65.70 to 66.70): BF0
Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 58.58 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.01 min

Lab File: BF084080.D

Acq: 24 Dec 2015 15:32

Instrument :
BNA_F
ClientSampleId :

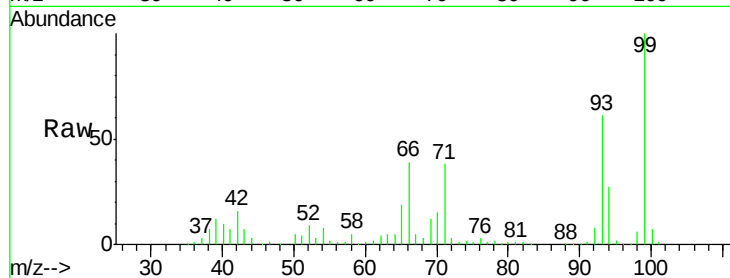
Tot Ion: 99 Resp: 414294

Ion Ratio Lower Upper

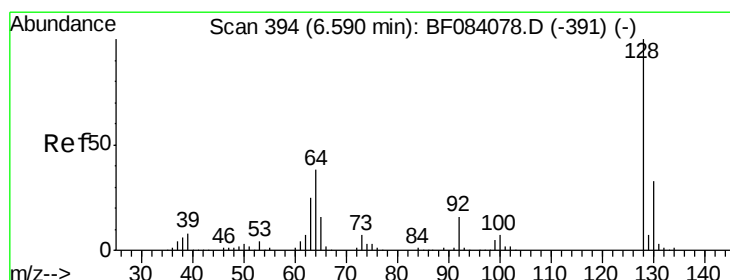
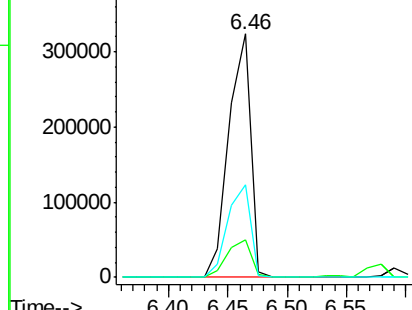
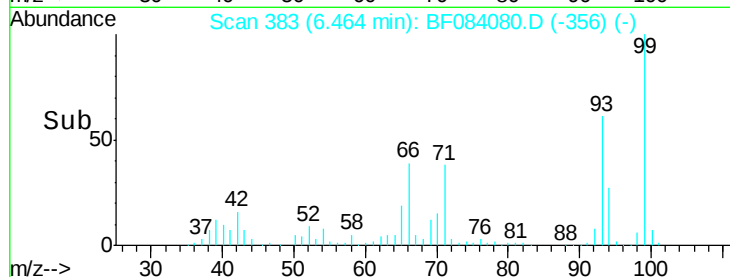
99 100

42 15.5 12.8 19.2

71 38.0 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: 55.74 ng

RT: 6.59 min Scan# 394

Delta R.T. 0.00 min

Lab File: BF084080.D

Acq: 24 Dec 2015 15:32

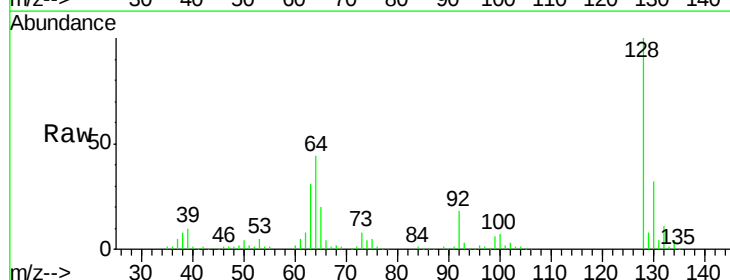
Tgt Ion: 128 Resp: 199218

Ion Ratio Lower Upper

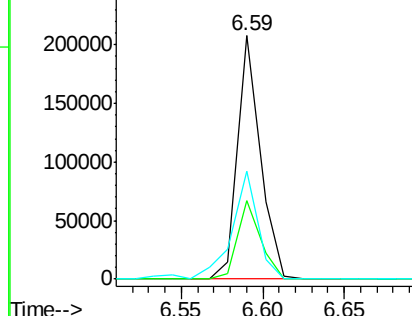
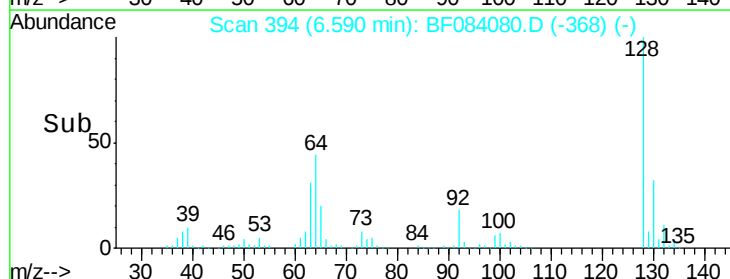
128 100

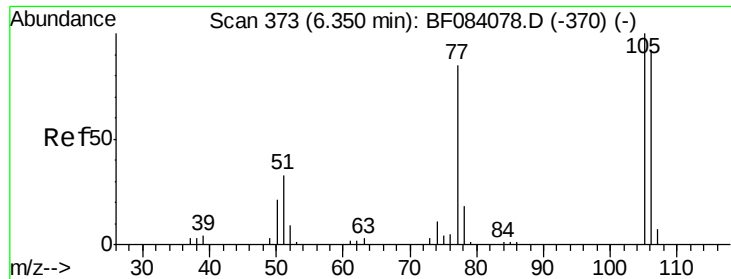
130 32.2 11.6 51.6

64 44.4 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

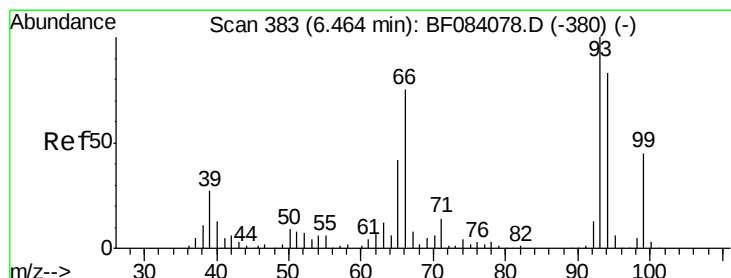
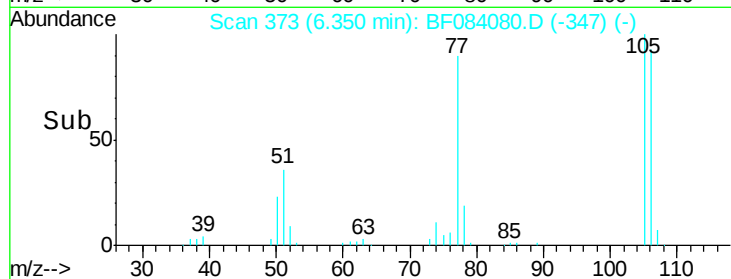
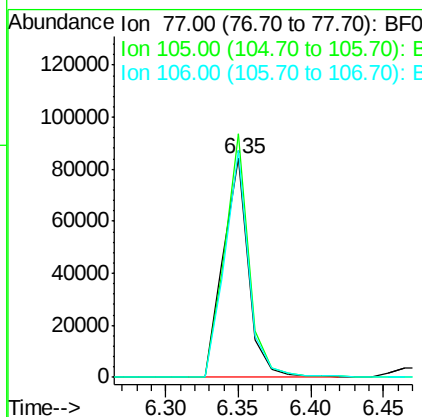
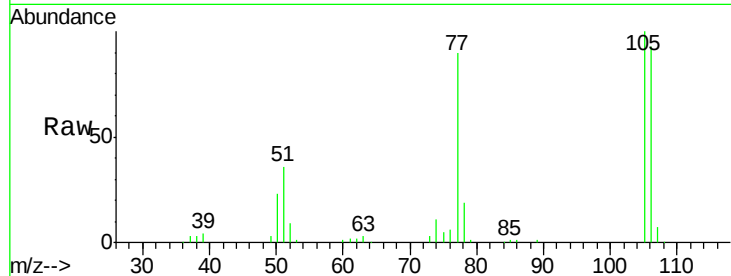




#9
Benzaldehyde
Concen: 51.78 ng
RT: 6.35 min Scan# 373
Delta R.T. 0.00 min
Lab File: BF084080.D
Acq: 24 Dec 2015 15:32

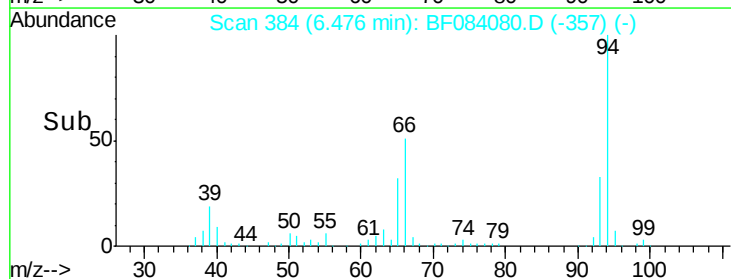
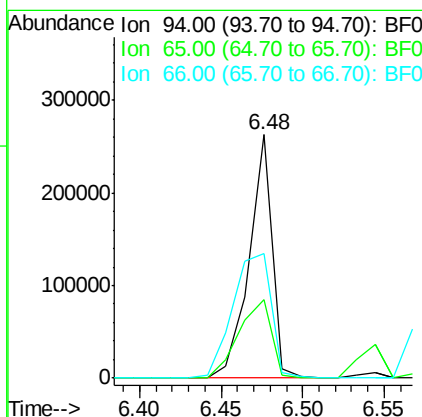
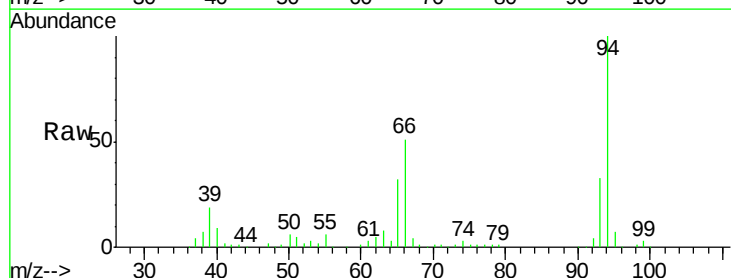
Instrument :
BNA_F
ClientSampleId :

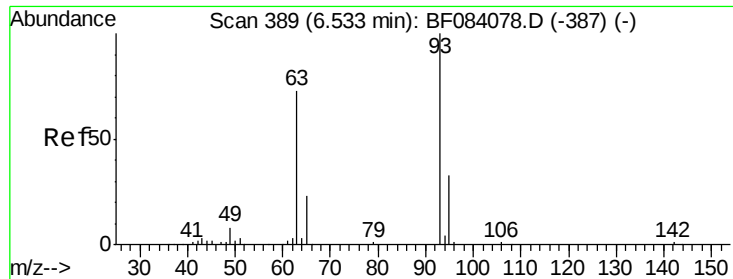
Tot Ion: 77 Resp: 101647
Ion Ratio Lower Upper
77 100
105 111.2 83.0 123.0
106 103.8 74.6 114.6



#10
Phenol
Concen: 64.11 ng
RT: 6.48 min Scan# 384
Delta R.T. 0.01 min
Lab File: BF084080.D
Acq: 24 Dec 2015 15:32

Tgt Ion: 94 Resp: 257862
Ion Ratio Lower Upper
94 100
65 32.1 12.9 52.9
66 51.0 32.7 72.7

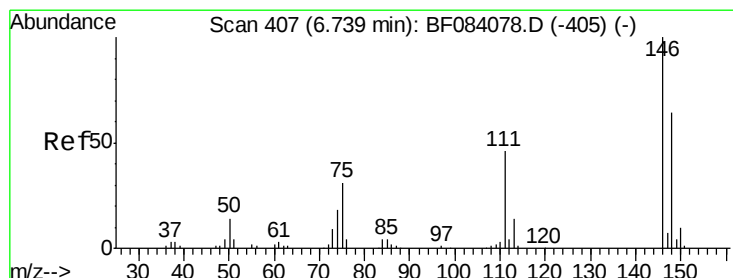
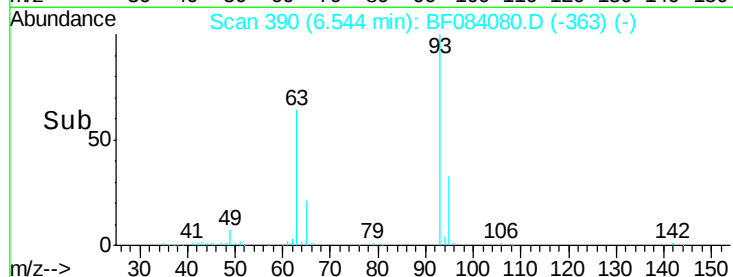
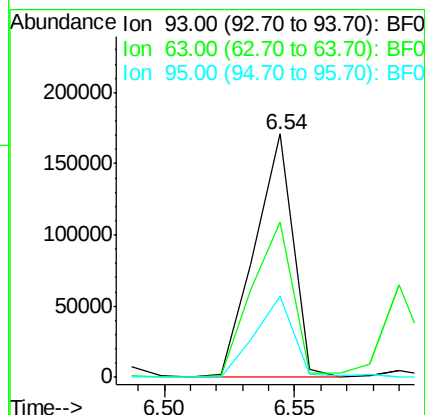
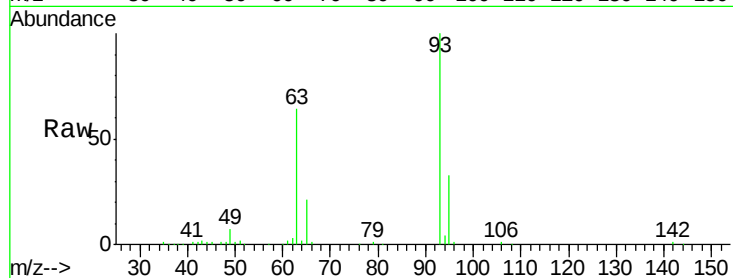




#11
bis(2-Chloroethyl)ether
Concen: 60.91 ng
RT: 6.54 min Scan# 390
Delta R.T. 0.01 min
Lab File: BF084080.D
Acq: 24 Dec 2015 15:32

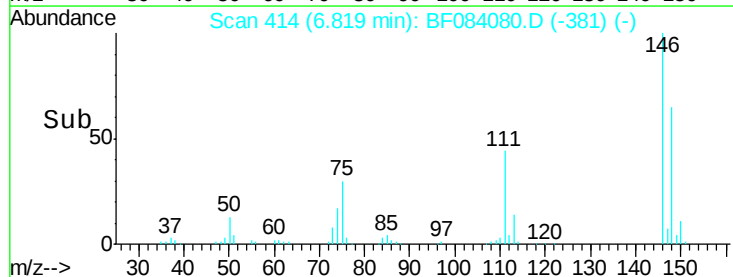
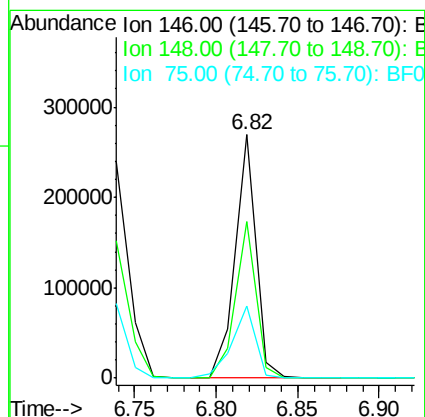
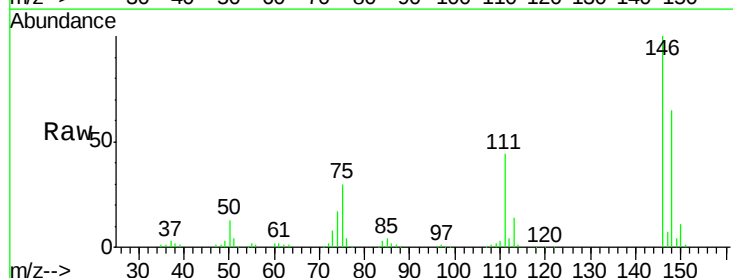
Instrument :
BNA_F
ClientSampleId :

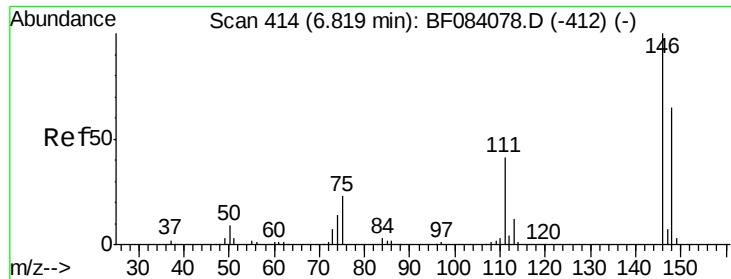
Tot Ion: 93 Resp: 175653
Ion Ratio Lower Upper
93 100
63 63.8 45.9 85.9
95 33.2 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 59.99 ng
RT: 6.82 min Scan# 414
Delta R.T. 0.08 min
Lab File: BF084080.D
Acq: 24 Dec 2015 15:32

Tgt Ion: 146 Resp: 235144
Ion Ratio Lower Upper
146 100
148 64.5 51.9 77.9
75 29.7 20.5 30.7

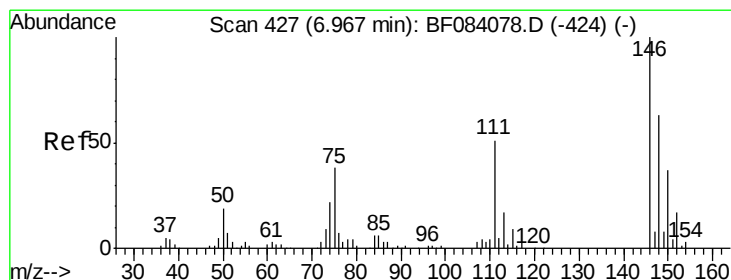
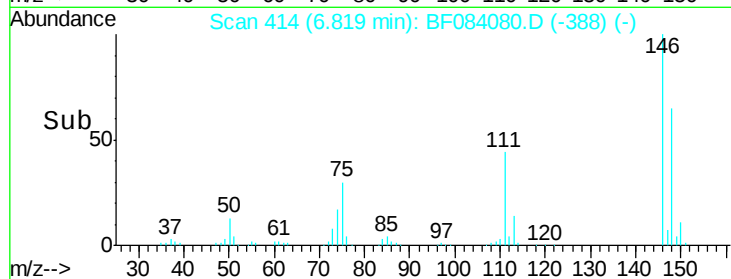
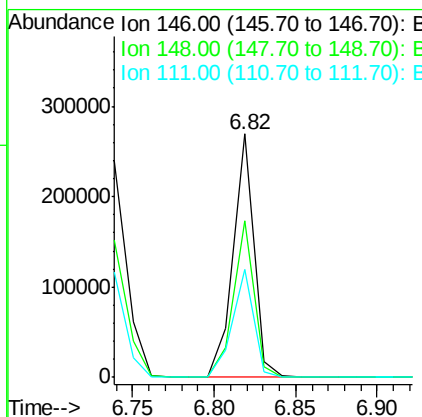
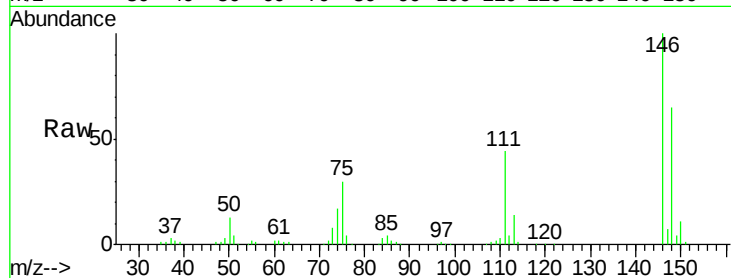




#13
 1,4-Dichlorobenzene
 Concen: 61.27 ng
 RT: 6.82 min Scan# 414
 Delta R.T. 0.00 min
 Lab File: BF084080.D
 Acq: 24 Dec 2015 15:32

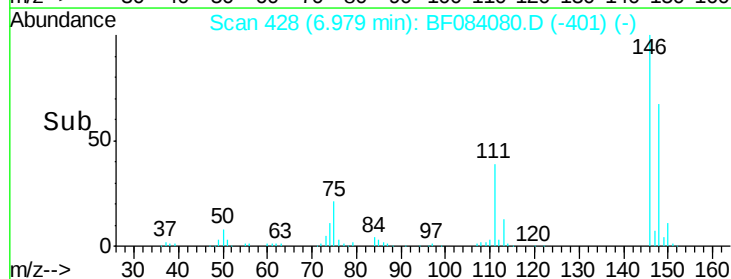
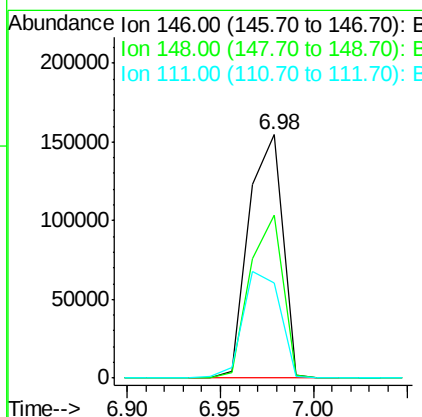
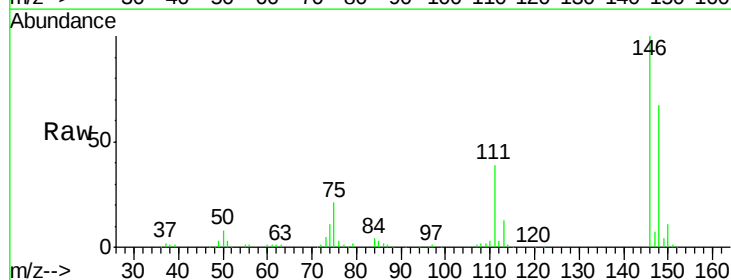
Instrument :
 BNA_F
 ClientSampleId :

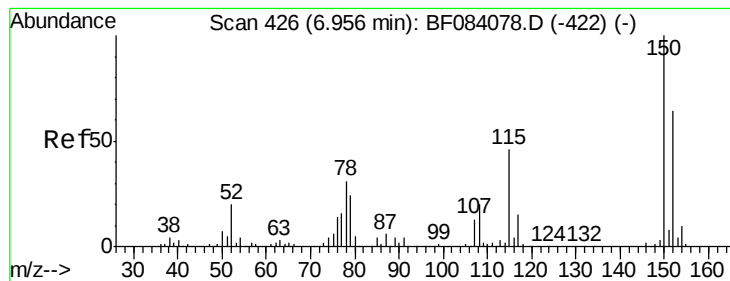
Tot Ion:146 Resp: 235144
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.9 77.9
 111 44.2 41.6 62.4



#14
 1,2-Dichlorobenzene
 Concen: 54.07 ng
 RT: 6.98 min Scan# 428
 Delta R.T. 0.01 min
 Lab File: BF084080.D
 Acq: 24 Dec 2015 15:32

Tgt Ion:146 Resp: 194784
 Ion Ratio Lower Upper
 146 100
 148 66.8 51.6 77.4
 111 39.1 38.0 57.0





#15

Benzyl Alcohol

Concen: 58.48 ng

RT: 6.96 min Scan# 426

Delta R.T. 0.00 min

Lab File: BF084080.D

Acq: 24 Dec 2015 15:32

Instrument :

BNA_F

ClientSampled :

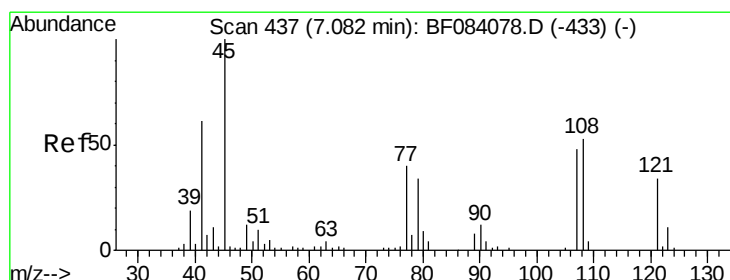
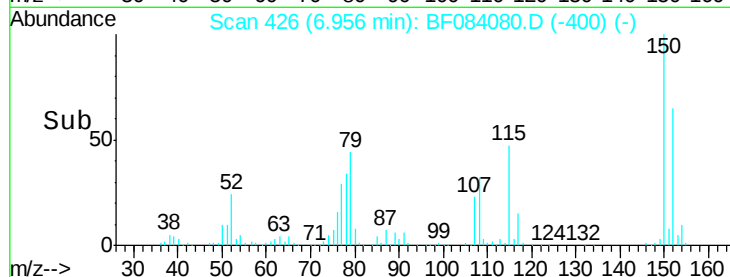
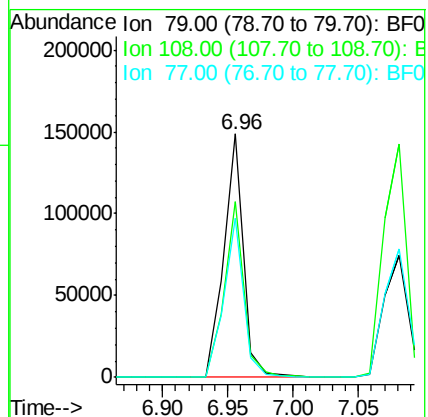
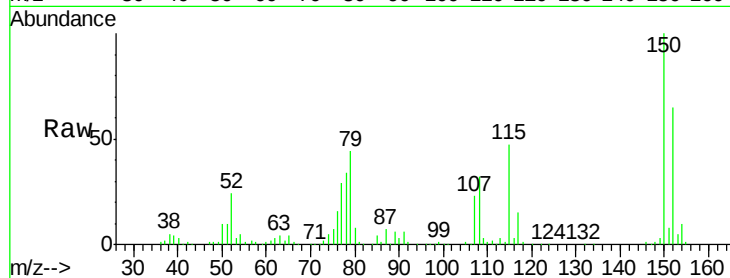
Tot Ion: 79 Resp: 157087

Ion Ratio Lower Upper

79 100

108 72.1 69.0 103.4

77 65.1 50.0 75.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 56.31 ng

RT: 7.08 min Scan# 437

Delta R.T. 0.00 min

Lab File: BF084080.D

Acq: 24 Dec 2015 15:32

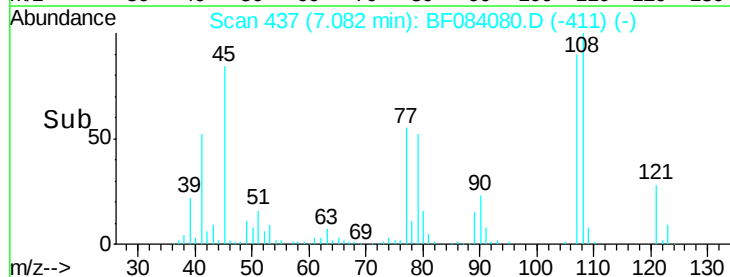
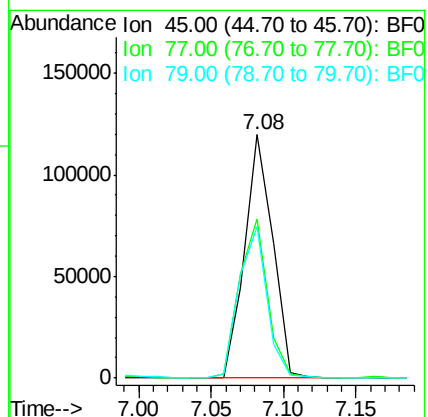
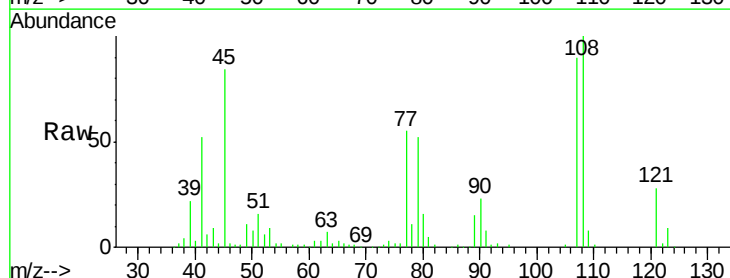
Tgt Ion: 45 Resp: 160585

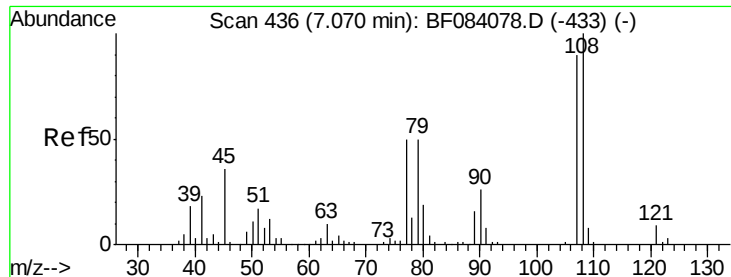
Ion Ratio Lower Upper

45 100

77 65.5 0.0 39.6#

79 62.2 0.0 35.0#





#17

2-Methylphenol

Concen: 58.92 ng

RT: 7.08 min Scan# 437

Delta R.T. 0.01 min

Lab File: BF084080.D

Acq: 24 Dec 2015 15:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 159642

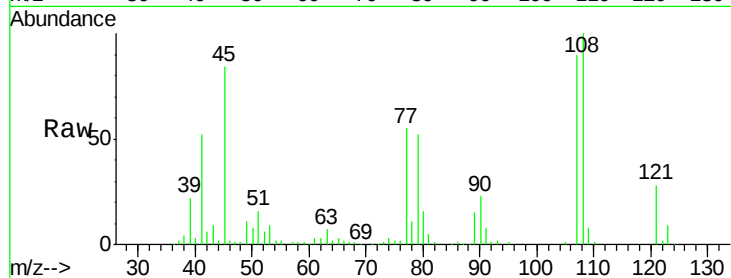
Ion Ratio Lower Upper

107 100

108 111.1 89.8 134.6

77 61.2 35.7 53.5#

79 58.1 35.7 53.5#

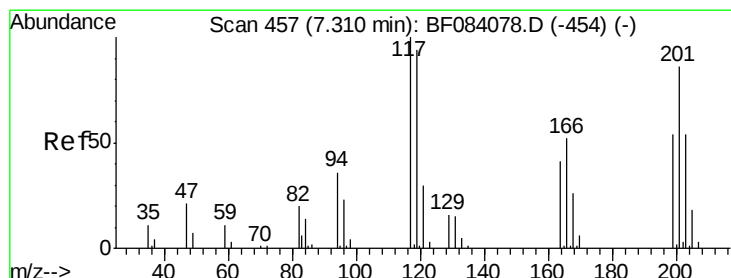
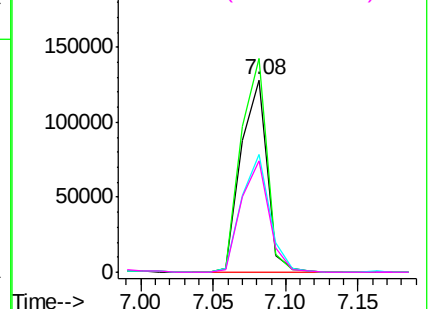
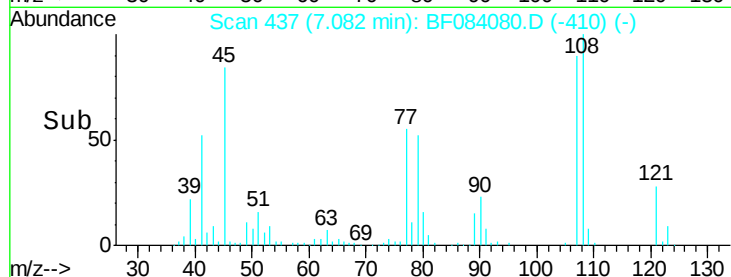


Abundance Ion 107.00 (106.70 to 107.70): E

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: 57.28 ng

RT: 7.31 min Scan# 457

Delta R.T. 0.00 min

Lab File: BF084080.D

Acq: 24 Dec 2015 15:32

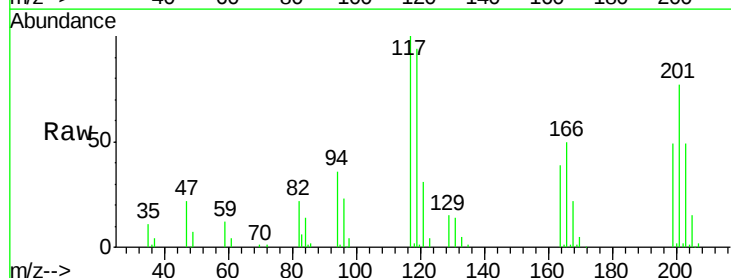
Tgt Ion:117 Resp: 81837

Ion Ratio Lower Upper

117 100

119 94.4 77.4 116.0

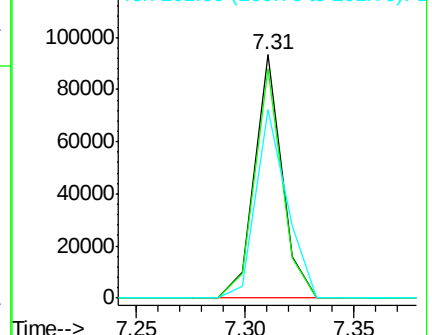
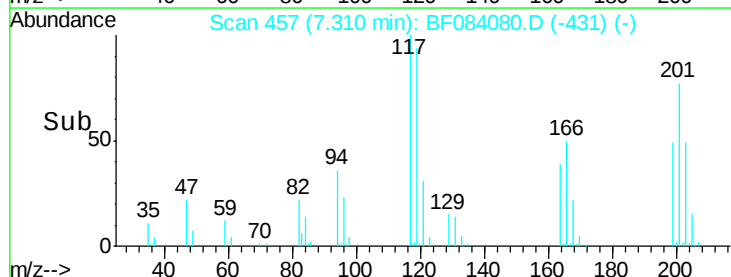
201 77.3 68.6 103.0

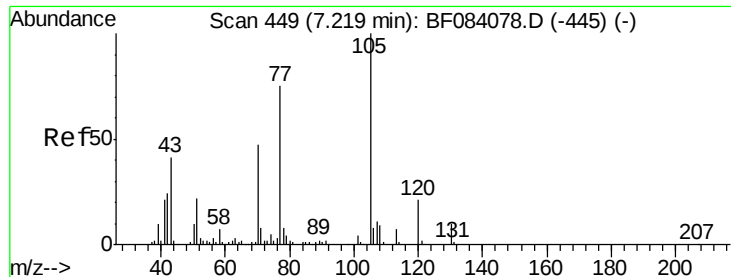


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

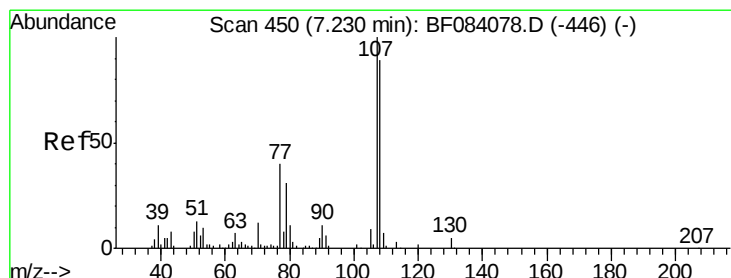
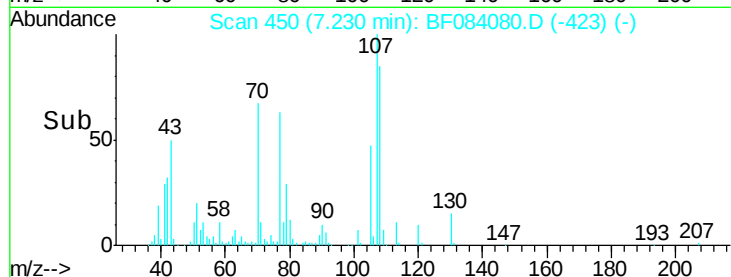
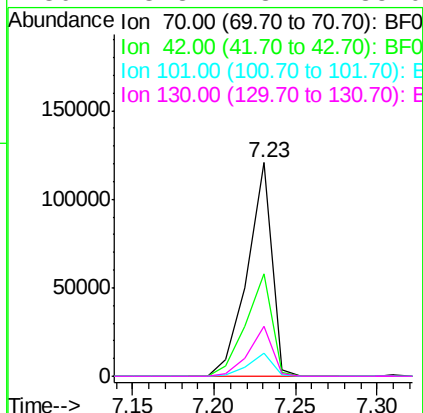
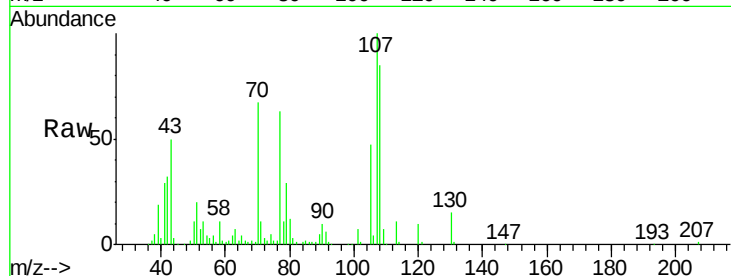




#19
n-Nitroso-di-n-propylamine
Concen: 58.19 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.01 min
Lab File: BF084080.D
Acq: 24 Dec 2015 15:32

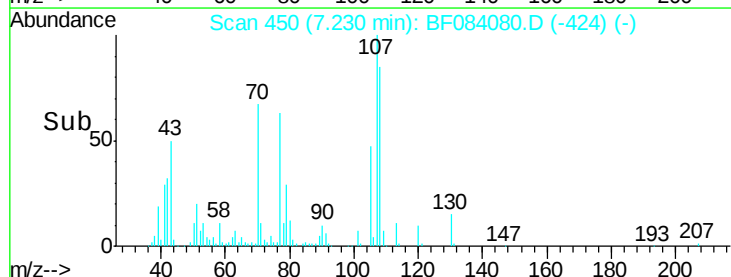
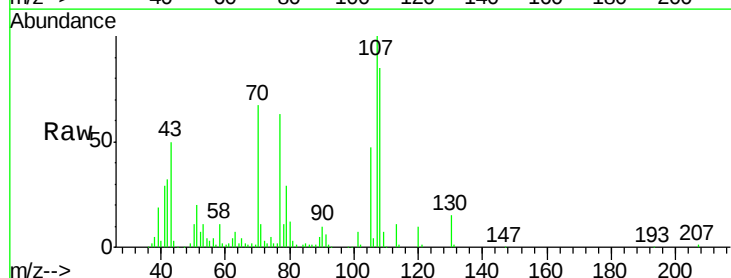
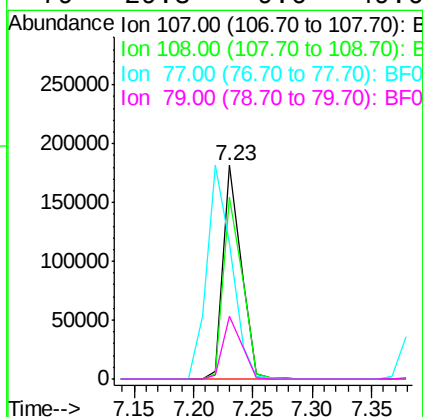
Instrument :
BNA_F
ClientSampleId :

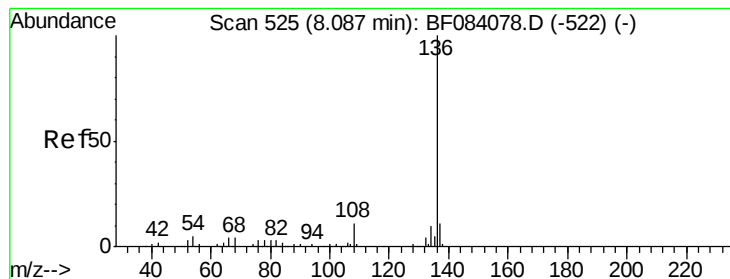
Tot Ion: 70 Resp: 126585
Ion Ratio Lower Upper
70 100
42 48.0 33.3 49.9
101 10.5 9.3 13.9
130 23.3 23.4 35.0#



#20
3+4-Methylphenols
Concen: 54.96 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.00 min
Lab File: BF084080.D
Acq: 24 Dec 2015 15:32

Tgt Ion: 107 Resp: 190889
Ion Ratio Lower Upper
107 100
108 85.1 64.1 104.1
77 63.3 128.9 168.9#
79 29.3 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: BF084080.D

Acq: 24 Dec 2015 15:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 189224

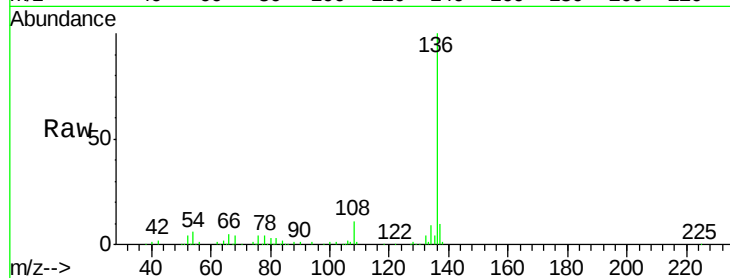
Ion Ratio Lower Upper

136 100

137 10.4 8.7 13.1

54 6.0 5.8 8.8

68 4.3 4.2 6.2

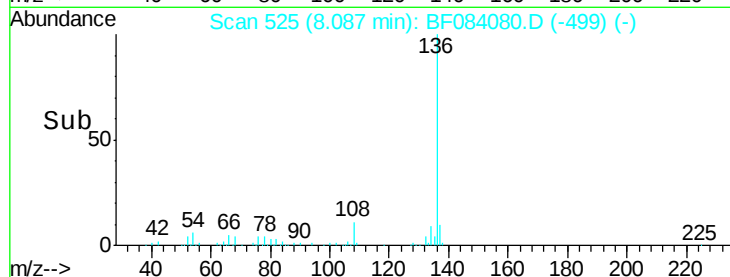


Abundance Ion 136.00 (135.70 to 136.70): E

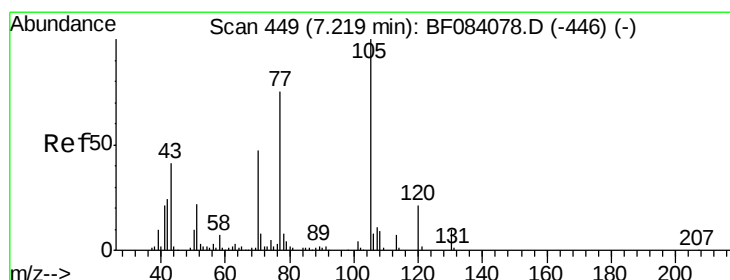
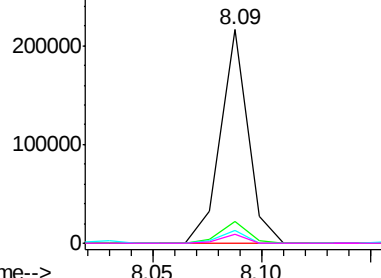
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 54.53 ng

RT: 7.22 min Scan# 449

Delta R.T. 0.00 min

Lab File: BF084080.D

Acq: 24 Dec 2015 15:32

Tgt Ion:105 Resp: 264064

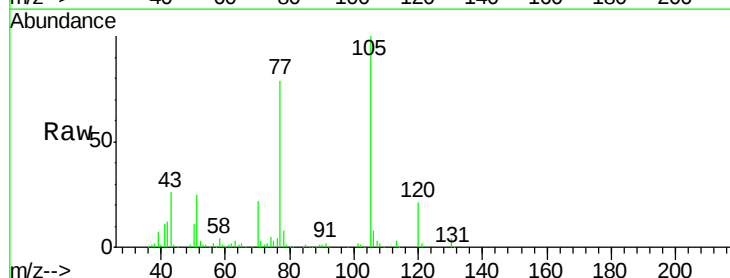
Ion Ratio Lower Upper

105 100

71 3.5 3.7 5.5#

51 24.8 25.1 37.7#

120 20.9 16.6 25.0

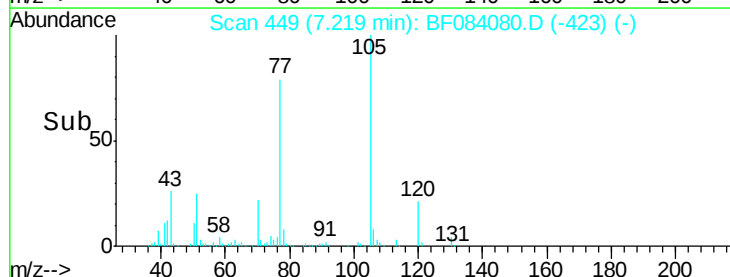


Abundance Ion 105.00 (104.70 to 105.70): E

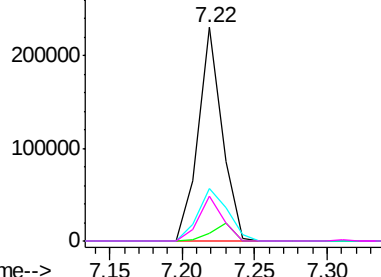
Ion 71.00 (70.70 to 71.70): BF0

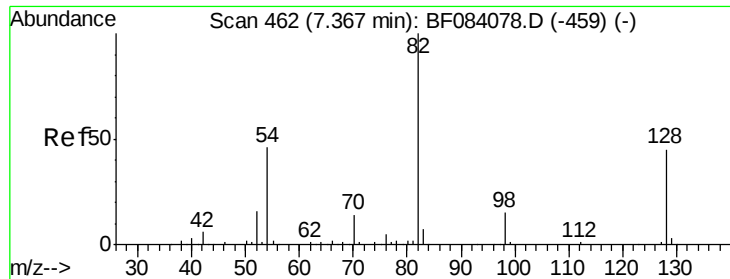
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

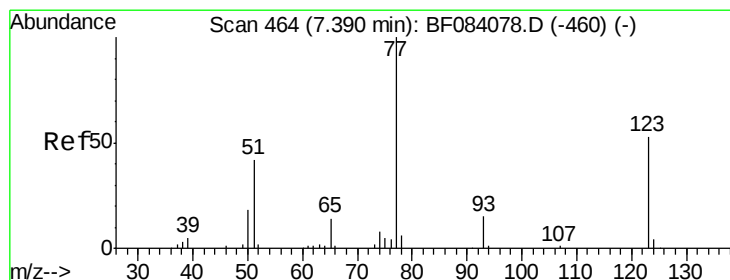
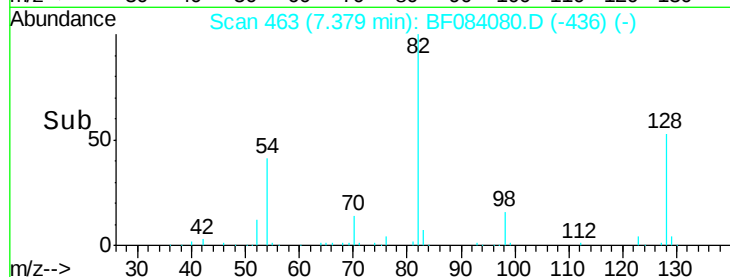
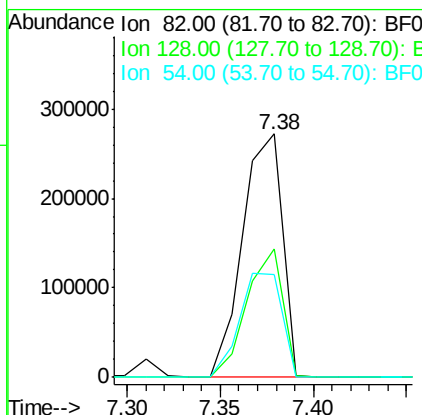
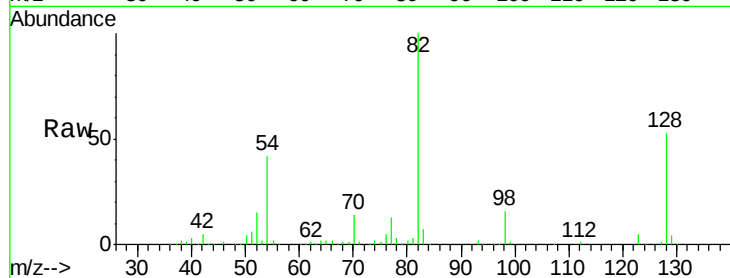




#23
 Nitrobenzene-d5
 Concen: 62.06 ng
 RT: 7.38 min Scan# 463
 Delta R.T. 0.01 min
 Lab File: BF084080.D
 Acq: 24 Dec 2015 15:32

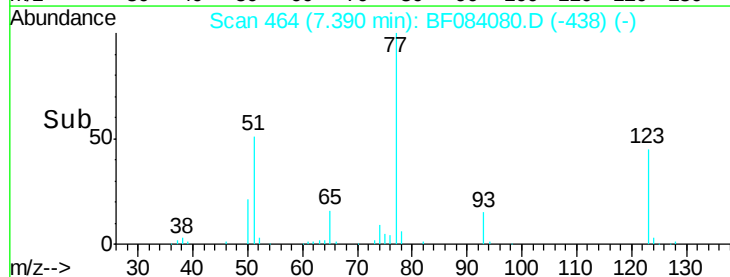
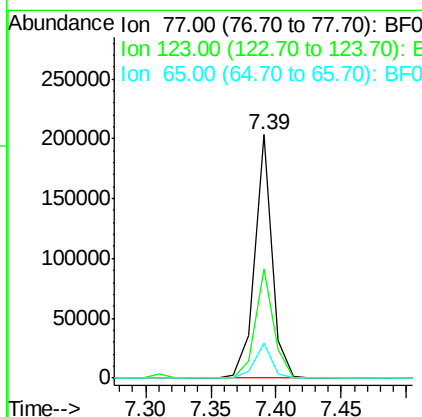
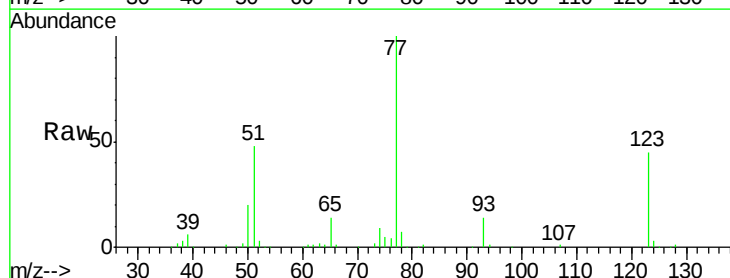
Instrument :
 BNA_F
 ClientSampleId :

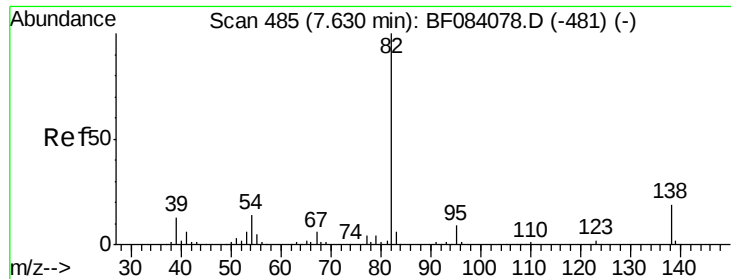
Tot Ion: 82 Resp: 402995
 Ion Ratio Lower Upper
 82 100
 128 52.9 34.6 51.8#
 54 42.1 38.4 57.6



#24
 Nitrobenzene
 Concen: 53.28 ng
 RT: 7.39 min Scan# 464
 Delta R.T. 0.00 min
 Lab File: BF084080.D
 Acq: 24 Dec 2015 15:32

Tgt Ion: 77 Resp: 188584
 Ion Ratio Lower Upper
 77 100
 123 45.1 37.4 56.2
 65 14.4 10.9 16.3





#25

Isophorone

Concen: 57.43 ng

RT: 7.64 min Scan# 486

Delta R.T. 0.01 min

Lab File: BF084080.D

Acq: 24 Dec 2015 15:32

Instrument :

BNA_F

ClientSampled :

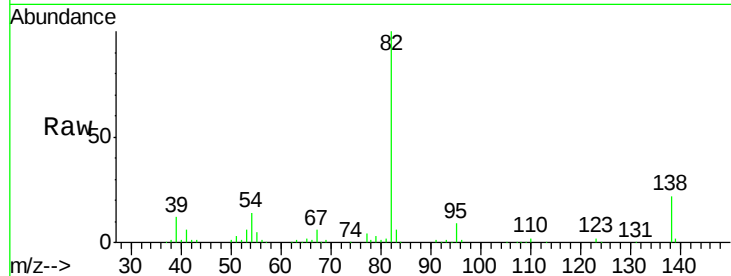
Tot Ion: 82 Resp: 348179

Ion Ratio Lower Upper

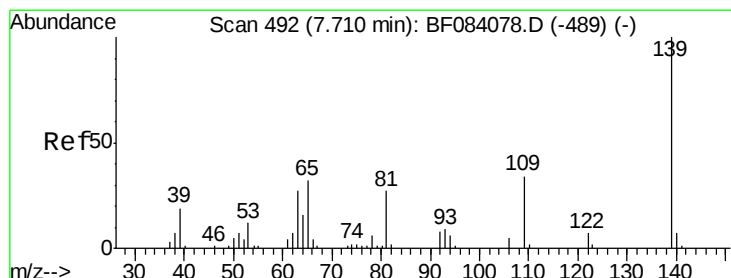
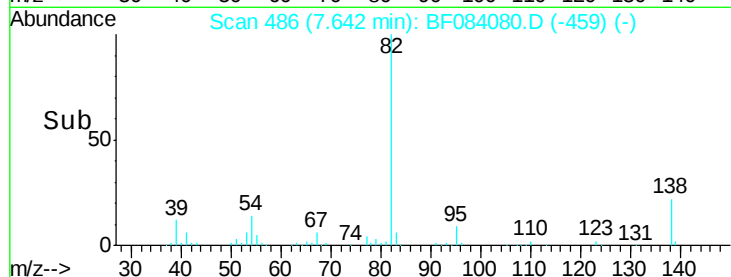
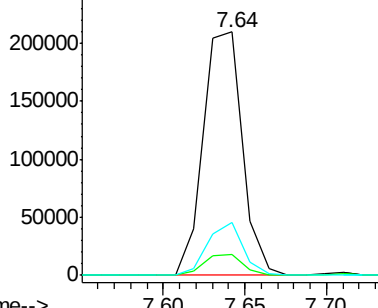
82 100

95 8.7 6.6 10.0

138 21.7 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: 68.26 ng

RT: 7.71 min Scan# 492

Delta R.T. 0.00 min

Lab File: BF084080.D

Acq: 24 Dec 2015 15:32

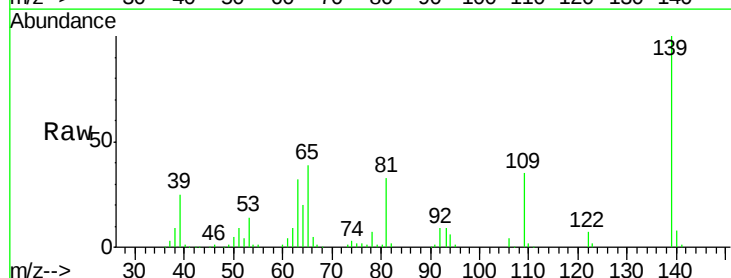
Tgt Ion: 139 Resp: 116624

Ion Ratio Lower Upper

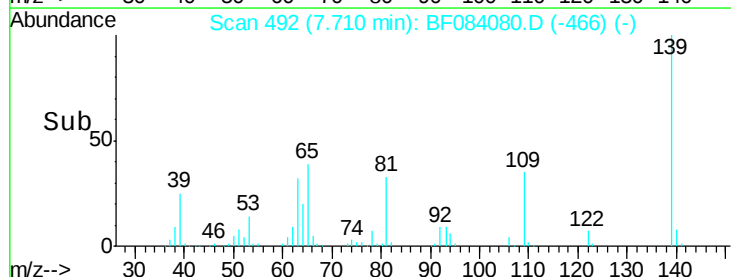
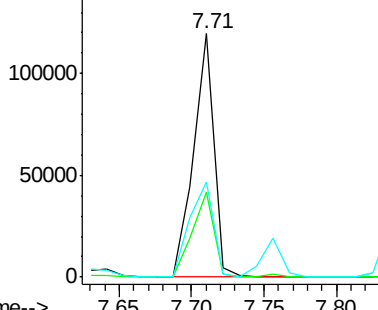
139 100

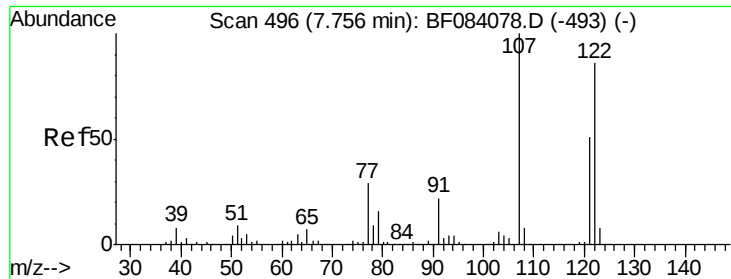
109 34.8 25.4 38.2

65 38.9 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

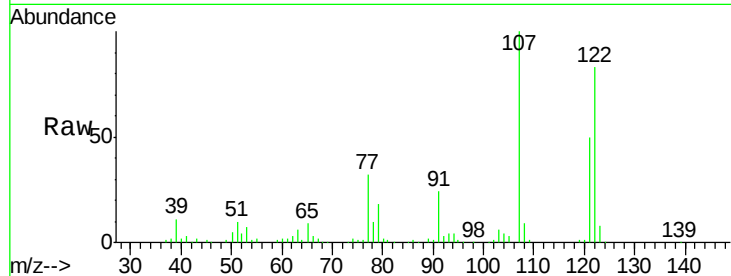




#27
2,4-Dimethylphenol
Concen: 59.24 ng
RT: 7.76 min Scan# 496
Delta R.T. 0.00 min
Lab File: BF084080.D
Acq: 24 Dec 2015 15:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	120.1	99.1	148.7
121	59.9	47.9	71.9

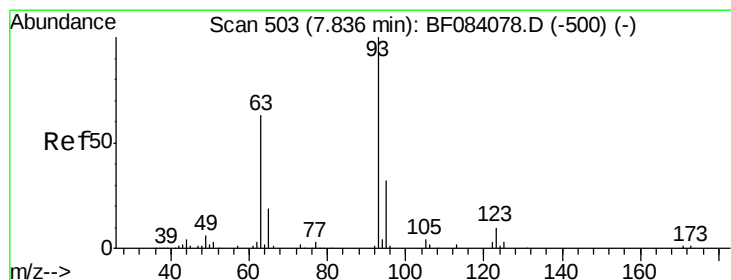
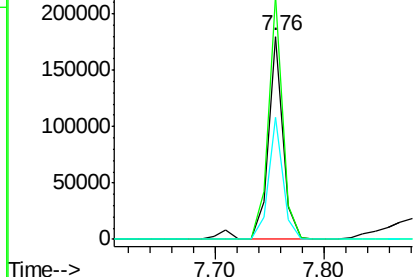
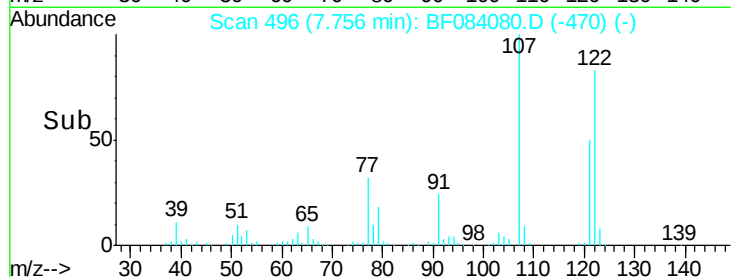


Abundance

Ion 122.00 (121.70 to 122.70): E

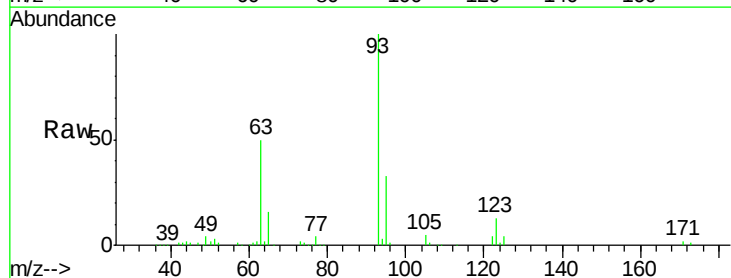
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 56.82 ng
RT: 7.85 min Scan# 504
Delta R.T. 0.01 min
Lab File: BF084080.D
Acq: 24 Dec 2015 15:32

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	25.8	38.6
123	13.4	8.6	12.8#

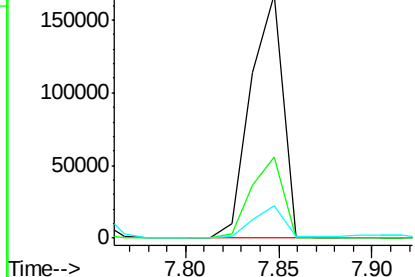
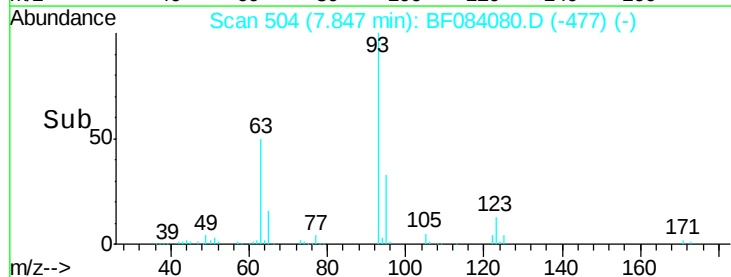


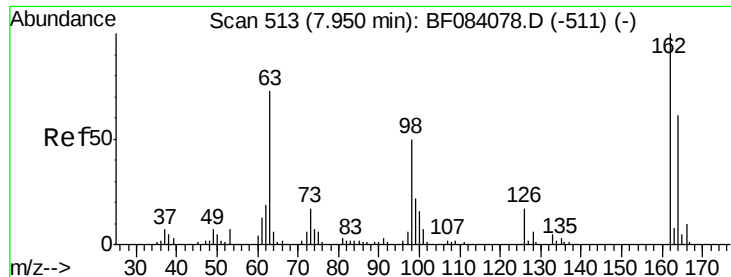
Abundance

Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

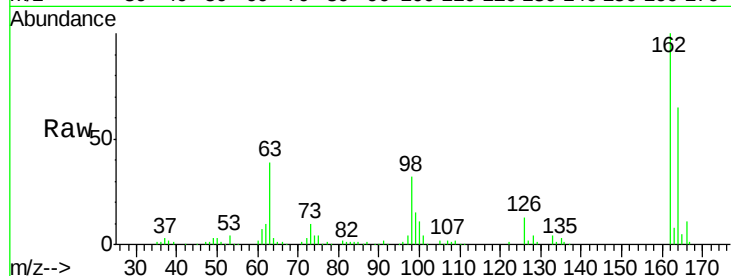




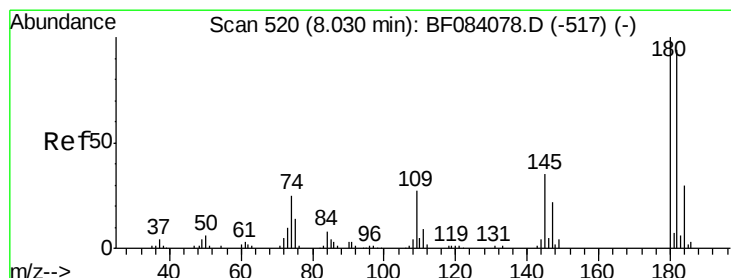
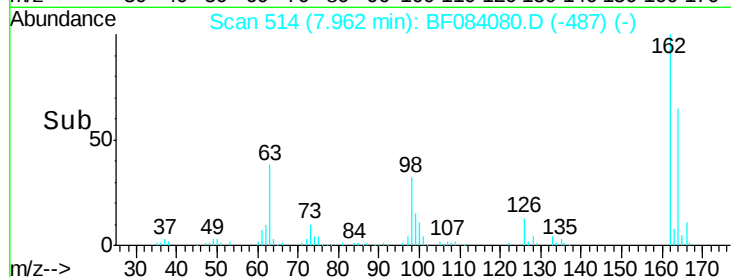
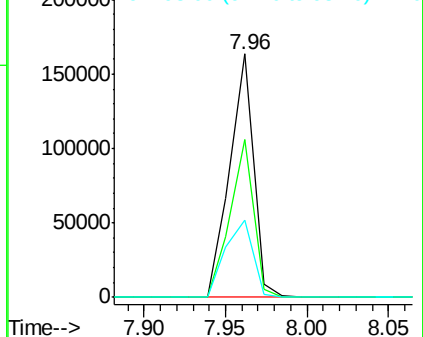
#29
 2,4-Dichlorophenol
 Concen: 60.58 ng
 RT: 7.96 min Scan# 514
 Delta R.T. 0.01 min
 Lab File: BF084080.D
 Acq: 24 Dec 2015 15:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.6	44.1	84.1
98	31.6	20.2	60.2

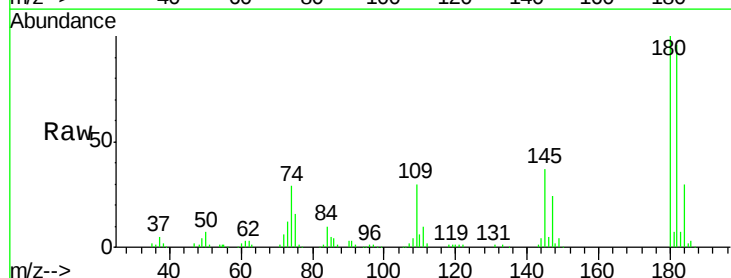


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

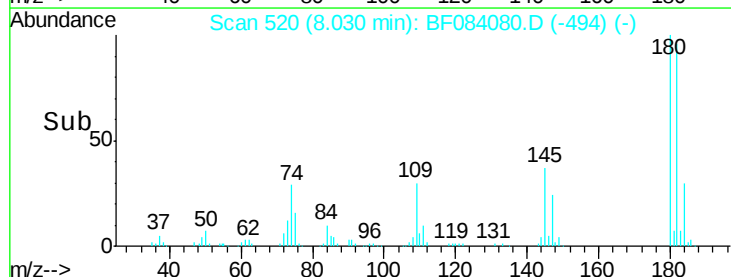
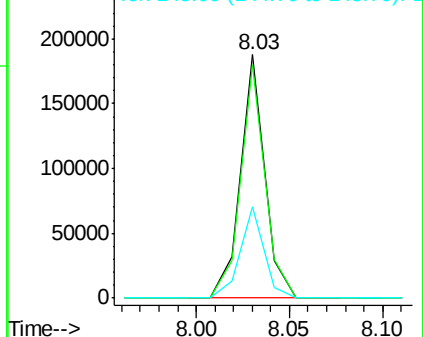


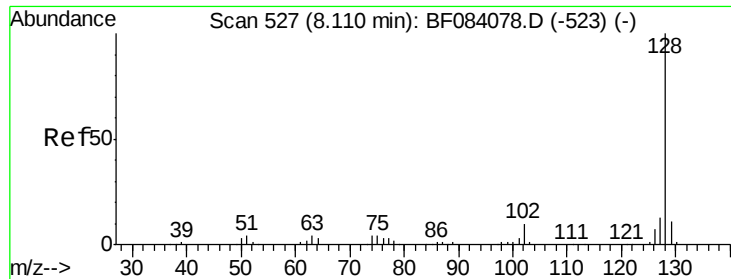
#30
 1,2,4-Trichlorobenzene
 Concen: 55.84 ng
 RT: 8.03 min Scan# 520
 Delta R.T. 0.00 min
 Lab File: BF084080.D
 Acq: 24 Dec 2015 15:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.4	114.6
145	37.3	31.6	47.4



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

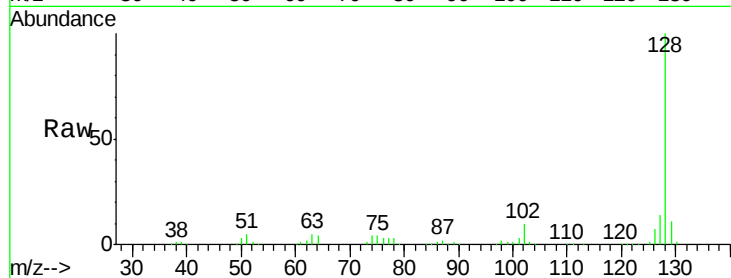




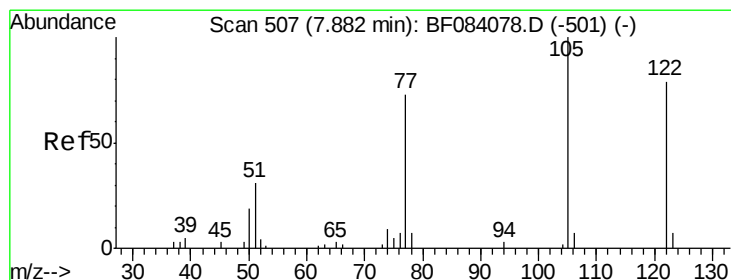
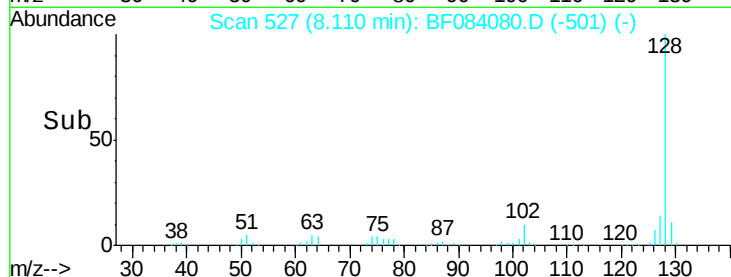
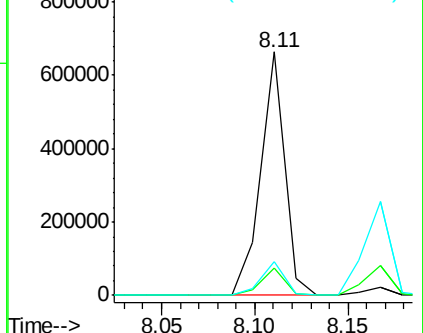
#31
Naphthalene
Concen: 56.43 ng
RT: 8.11 min Scan# 527
Delta R.T. 0.00 min
Lab File: BF084080.D
Acq: 24 Dec 2015 15:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 587675
Ion Ratio Lower Upper
128 100
129 11.2 9.1 13.7
127 14.0 11.1 16.7

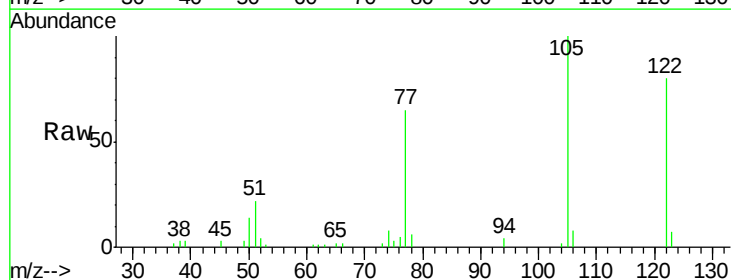


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

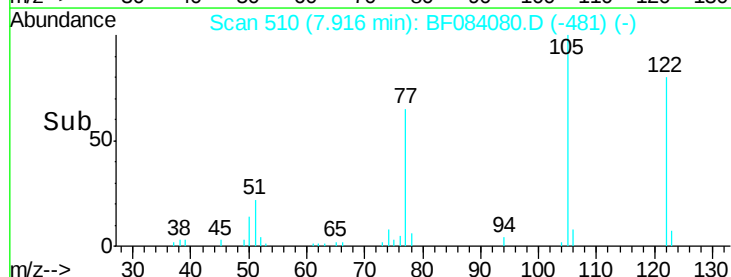
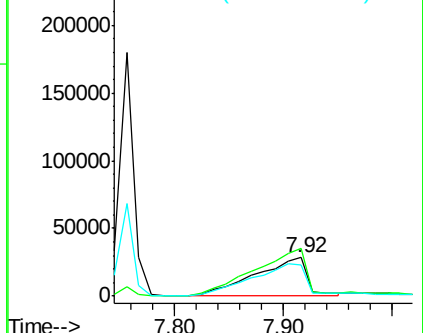


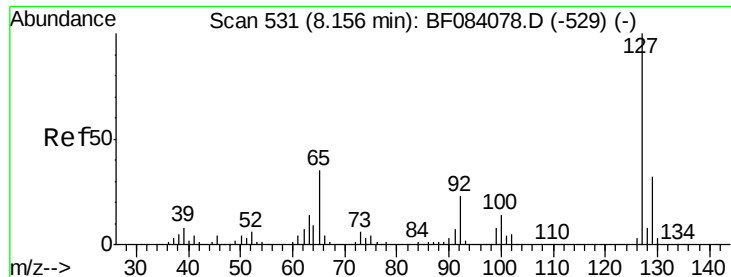
#32
Benzoic acid
Concen: 84.78 ng
RT: 7.92 min Scan# 510
Delta R.T. 0.03 min
Lab File: BF084080.D
Acq: 24 Dec 2015 15:32

Tgt Ion:122 Resp: 94902
Ion Ratio Lower Upper
122 100
105 124.8 100.3 140.3
77 81.0 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

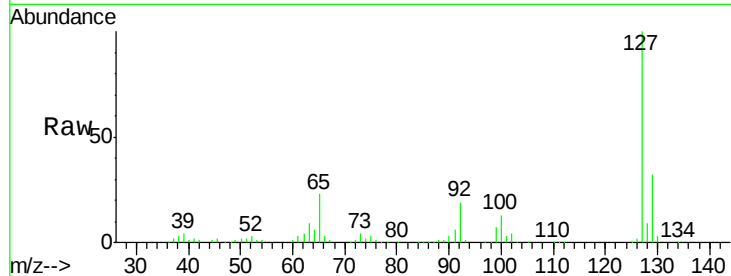




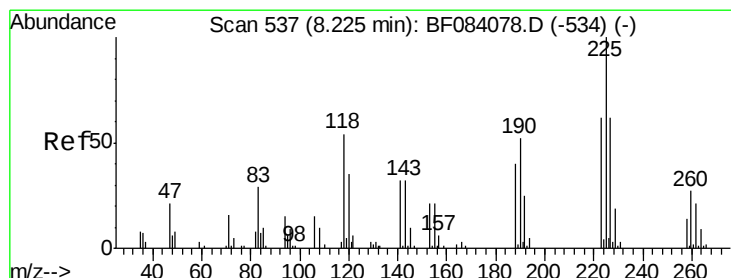
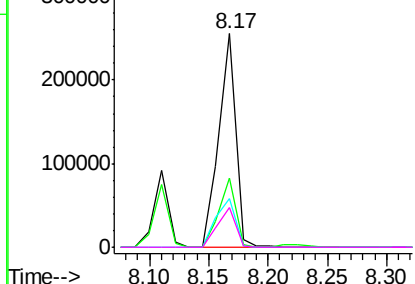
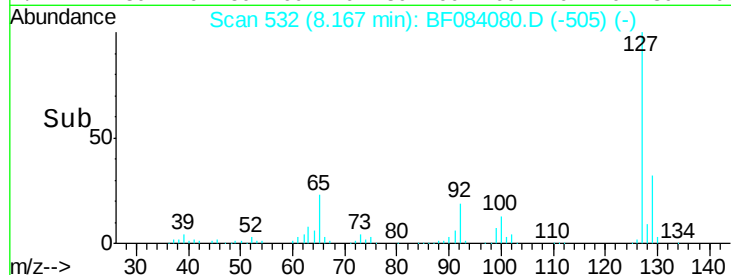
#33
4-Chloroaniline
Concen: 62.69 ng
RT: 8.17 min Scan# 532
Delta R.T. 0.01 min
Lab File: BF084080.D
Acq: 24 Dec 2015 15:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	250529
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.5	39.7
65	22.9	27.2	40.8
92	18.6	17.7	26.5

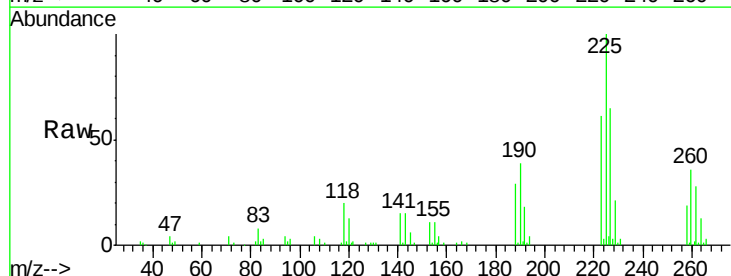


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

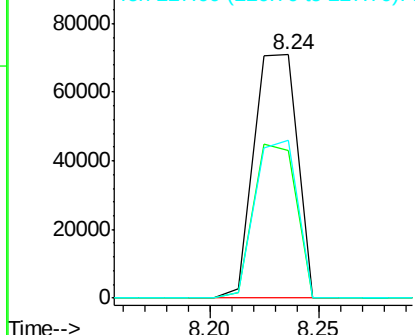
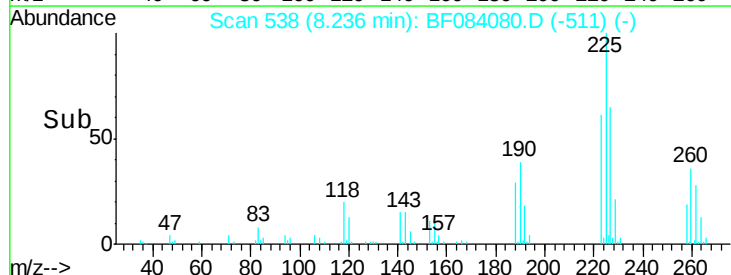


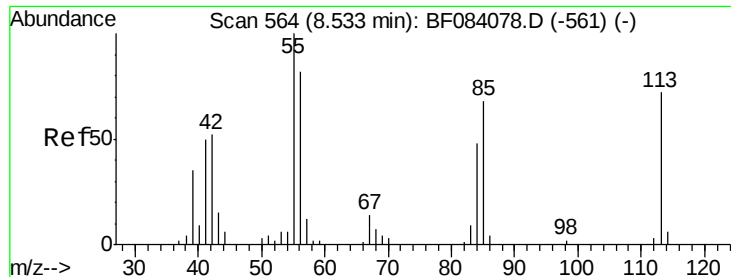
#34
Hexachlorobutadiene
Concen: 57.73 ng
RT: 8.24 min Scan# 538
Delta R.T. 0.01 min
Lab File: BF084080.D
Acq: 24 Dec 2015 15:32

Tgt Ion:	225	Resp:	98816
Ion	Ratio	Lower	Upper
225	100		
223	60.8	49.4	74.0
227	64.6	50.8	76.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 62.65 ng

RT: 8.56 min Scan# 566

Delta R.T. 0.02 min

Lab File: BF084080.D

Acq: 24 Dec 2015 15:32

Instrument :

BNA_F

ClientSampled :

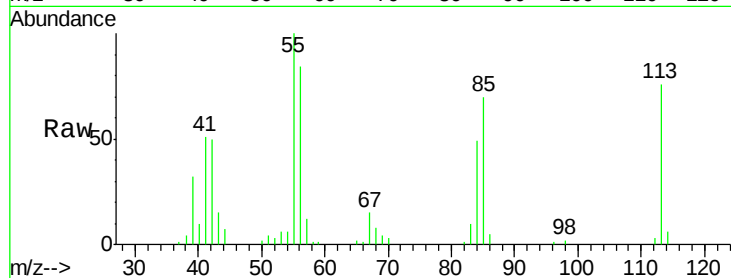
Tot Ion:113 Resp: 46911

Ion Ratio Lower Upper

113 100

55 131.7 116.9 156.9

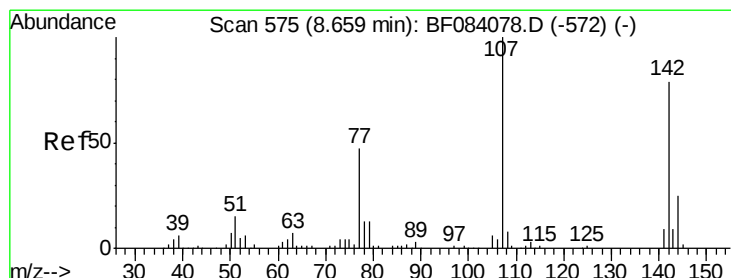
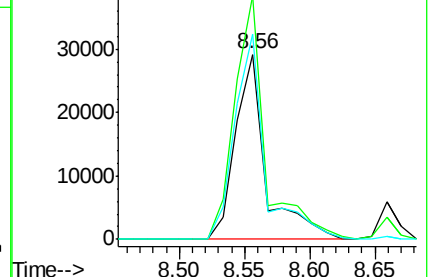
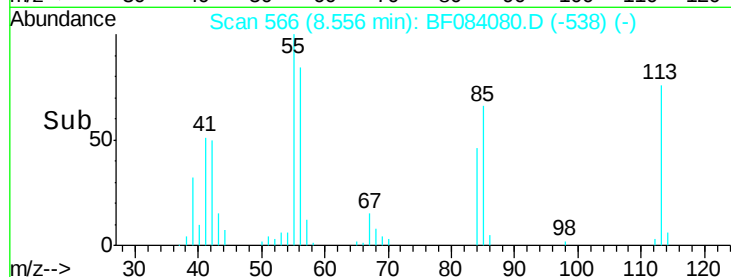
56 110.9 93.8 133.8



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: 56.09 ng

RT: 8.66 min Scan# 575

Delta R.T. 0.00 min

Lab File: BF084080.D

Acq: 24 Dec 2015 15:32

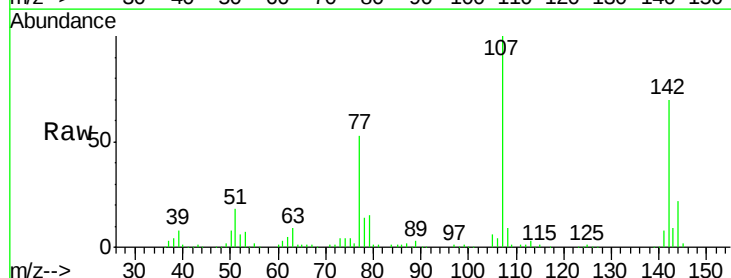
Tgt Ion:107 Resp: 171506

Ion Ratio Lower Upper

107 100

144 21.7 19.7 29.5

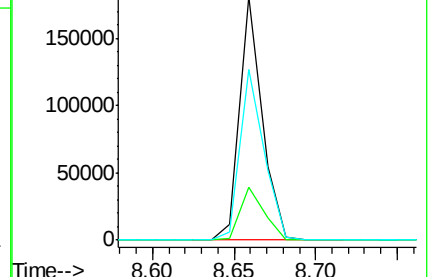
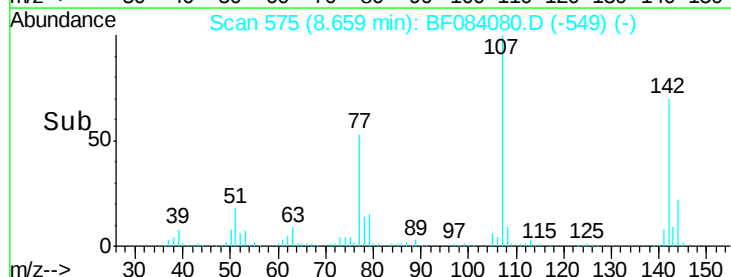
142 69.9 61.8 92.6

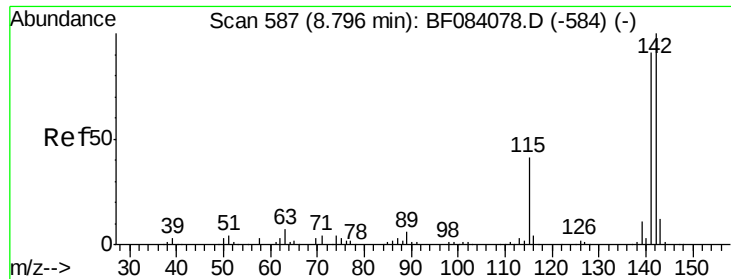


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

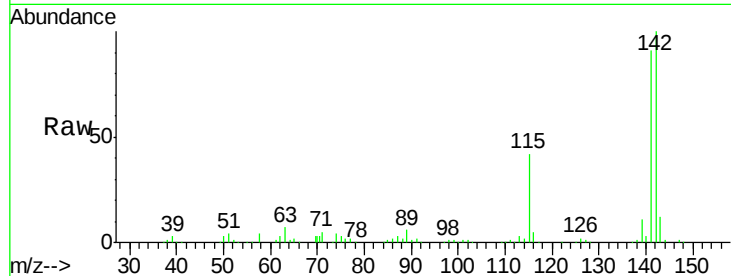




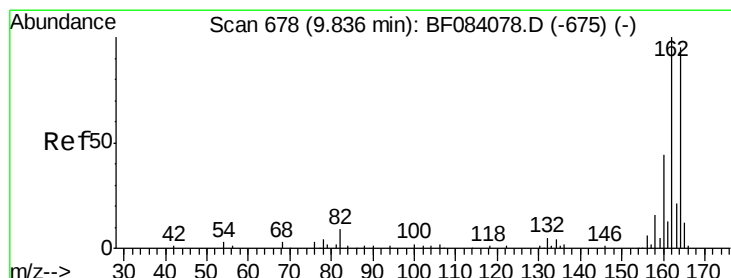
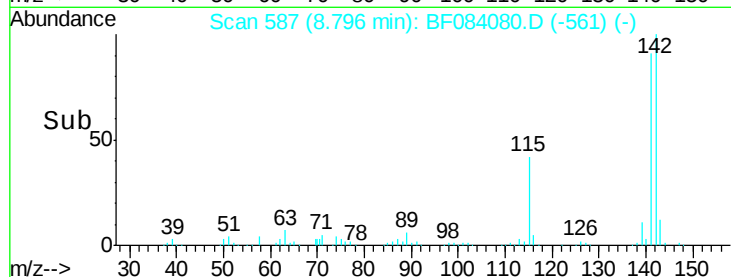
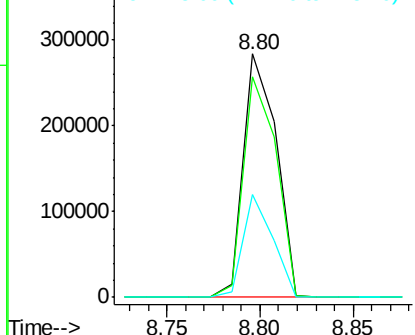
#37
 2-Methylnaphthalene
 Concen: 53.86 ng
 RT: 8.80 min Scan# 587
 Delta R.T. 0.00 min
 Lab File: BF084080.D
 Acq: 24 Dec 2015 15:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 347955
 Ion Ratio Lower Upper
 142 100
 141 90.7 72.4 108.6
 115 42.2 27.9 41.9#

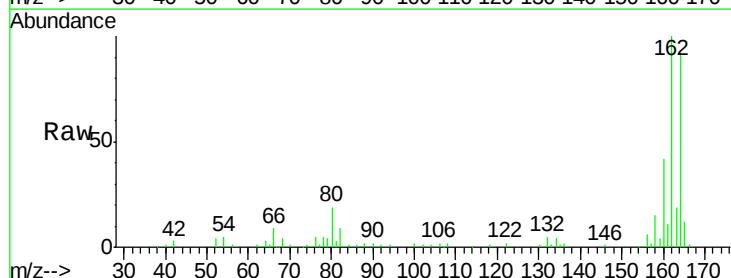


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

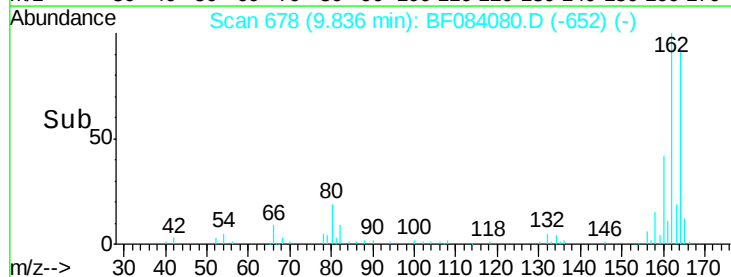
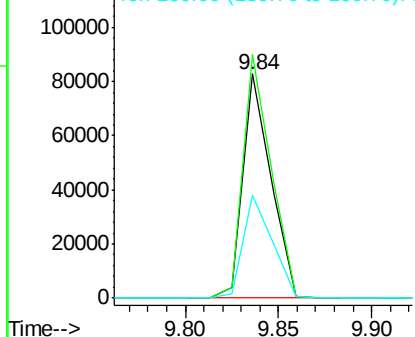


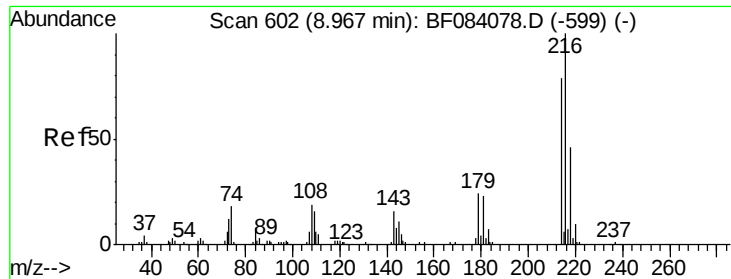
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 678
 Delta R.T. 0.00 min
 Lab File: BF084080.D
 Acq: 24 Dec 2015 15:32

Tgt Ion:164 Resp: 85789
 Ion Ratio Lower Upper
 164 100
 162 108.6 85.1 127.7
 160 45.7 37.5 56.3



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

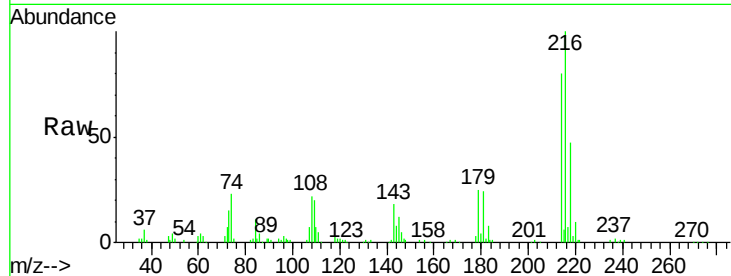




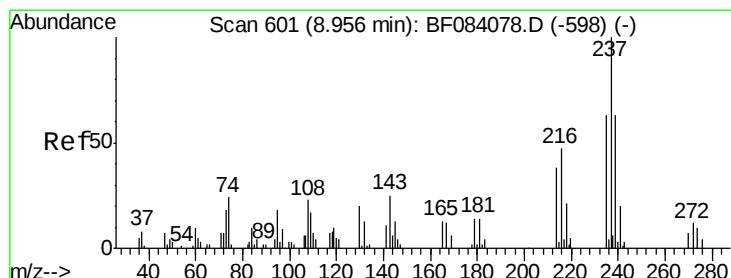
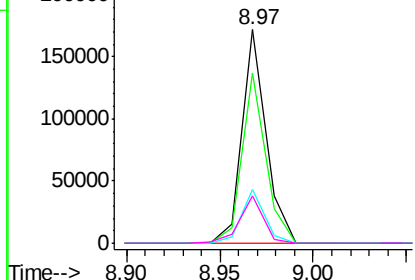
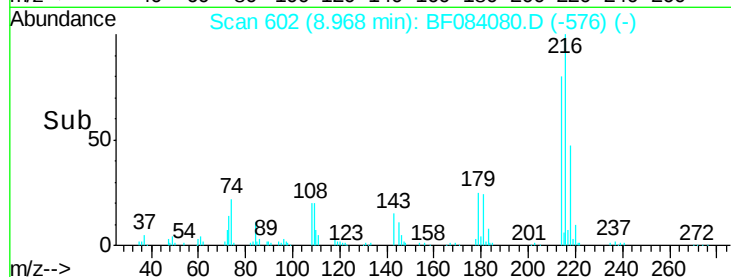
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 55.58 ng
 RT: 8.97 min Scan# 602
 Delta R.T. 0.00 min
 Lab File: BF084080.D
 Acq: 24 Dec 2015 15:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	154743
Ion Ratio	Lower	Upper
216	100	
214	78.5	64.2 96.2
179	24.2	18.7 28.1
108	21.9	16.8 25.2

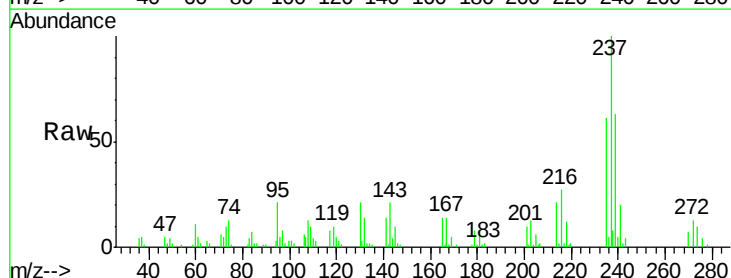


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

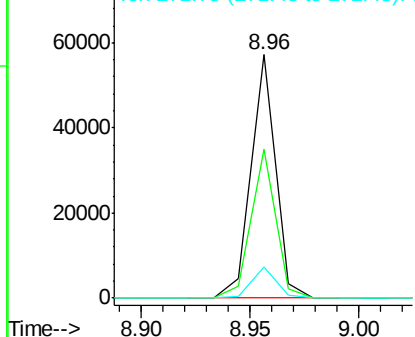
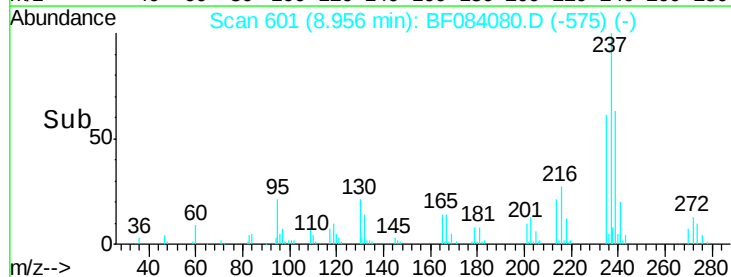


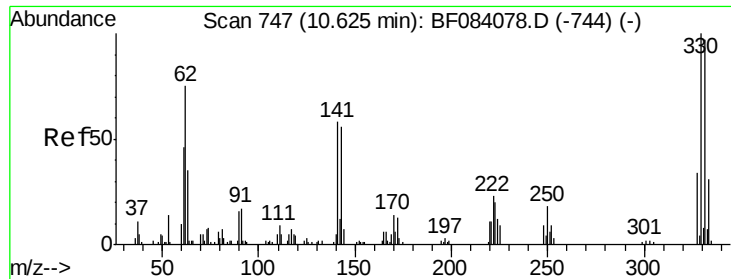
#40
 Hexachlorocyclopentadiene
 Concen: 99.52 ng
 RT: 8.96 min Scan# 601
 Delta R.T. 0.00 min
 Lab File: BF084080.D
 Acq: 24 Dec 2015 15:32

Tgt Ion:237	Resp:	44730
Ion Ratio	Lower	Upper
237	100	
235	61.3	43.1 83.1
272	13.0	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

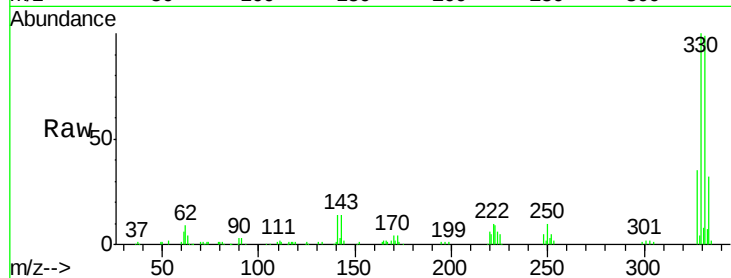




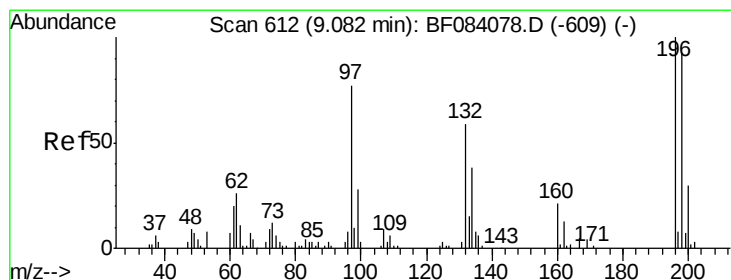
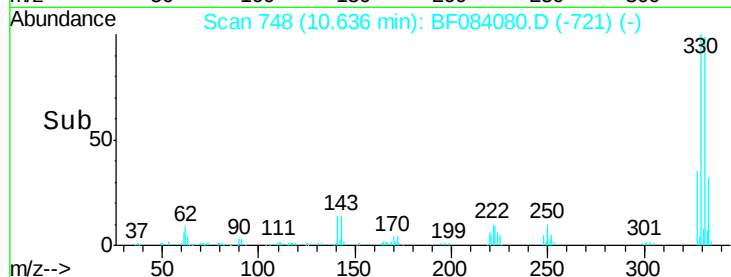
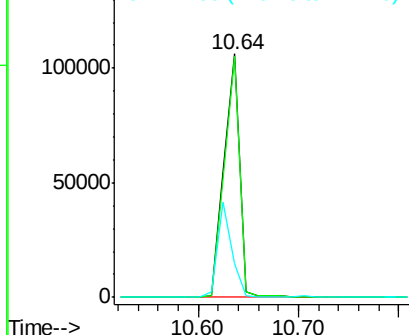
#41
 2,4,6-Tribromophenol
 Concen: 63.66 ng
 RT: 10.64 min Scan# 748
 Delta R.T. 0.01 min
 Lab File: BF084080.D
 Acq: 24 Dec 2015 15:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 114584
 Ion Ratio Lower Upper
 330 100
 332 97.7 76.6 114.8
 141 35.6 27.8 41.6

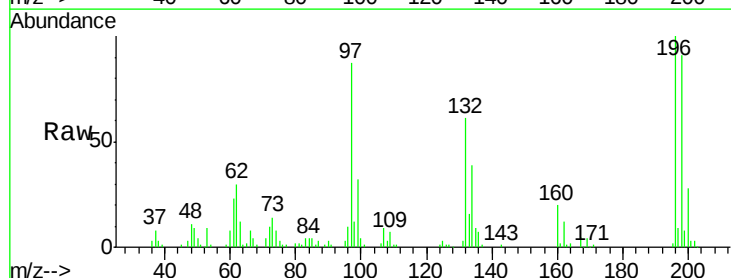


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

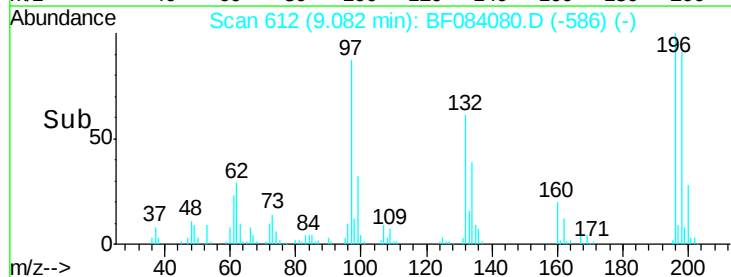
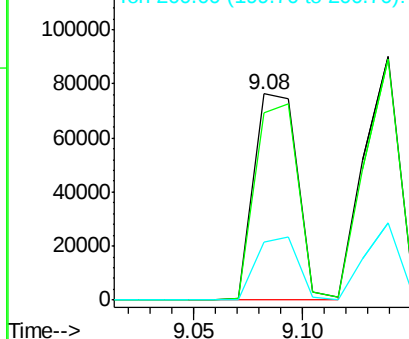


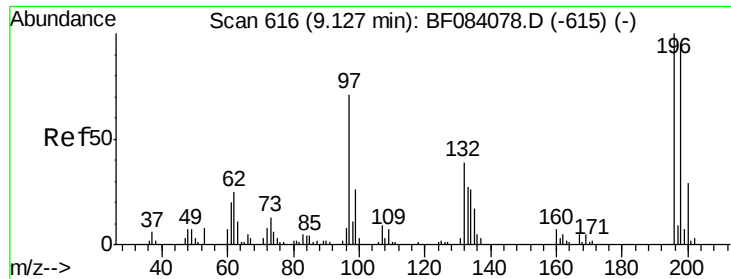
#42
 2,4,6-Trichlorophenol
 Concen: 60.56 ng
 RT: 9.08 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: BF084080.D
 Acq: 24 Dec 2015 15:32

Tgt Ion:196 Resp: 106599
 Ion Ratio Lower Upper
 196 100
 198 90.7 77.7 116.5
 200 28.3 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

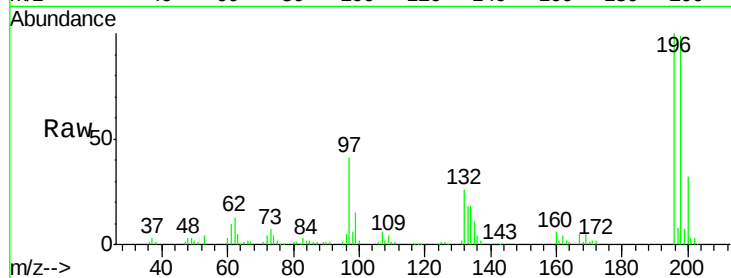




#43
 2,4,5-Trichlorophenol
 Concen: 59.62 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.01 min
 Lab File: BF084080.D
 Acq: 24 Dec 2015 15:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	99.0	79.0	118.6
97	41.0	33.0	49.6
132	26.2	21.1	31.7



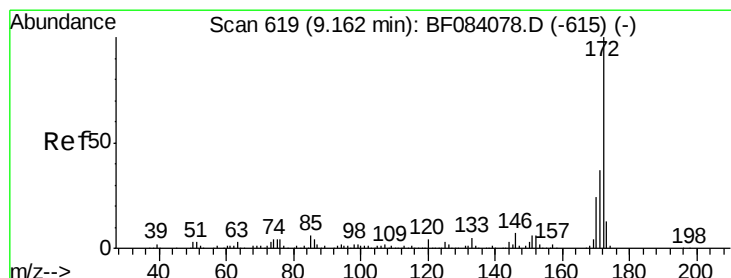
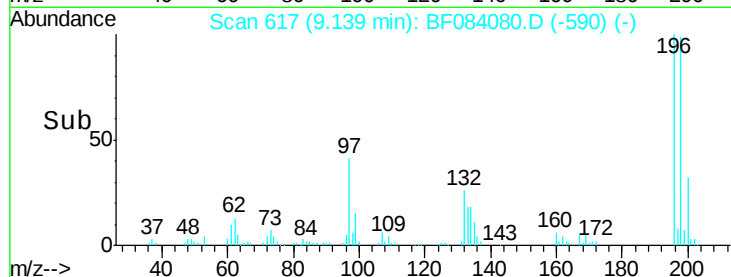
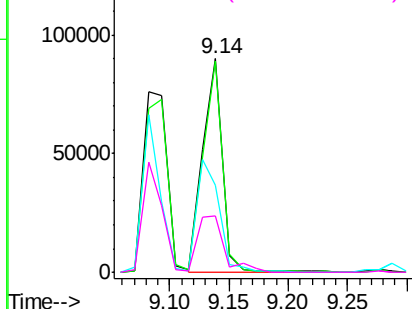
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

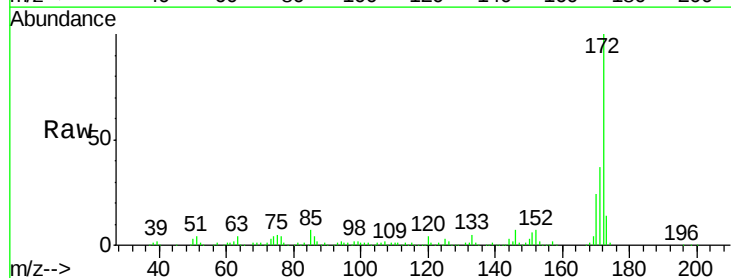
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 53.57 ng
 RT: 9.16 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF084080.D
 Acq: 24 Dec 2015 15:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	28.9	43.3
170	24.3	18.6	27.8

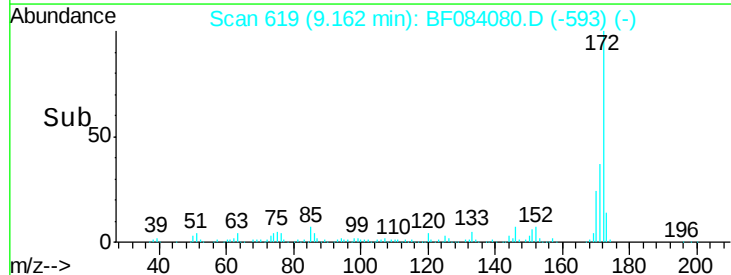
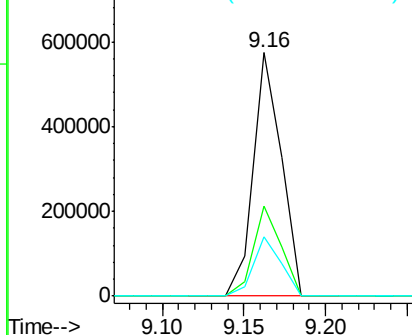


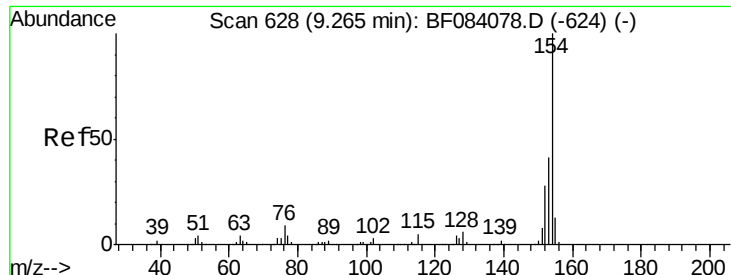
Abundance

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

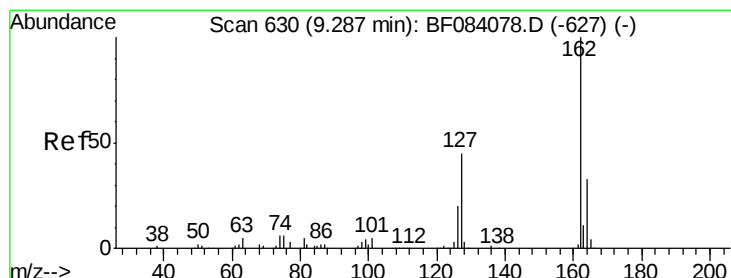
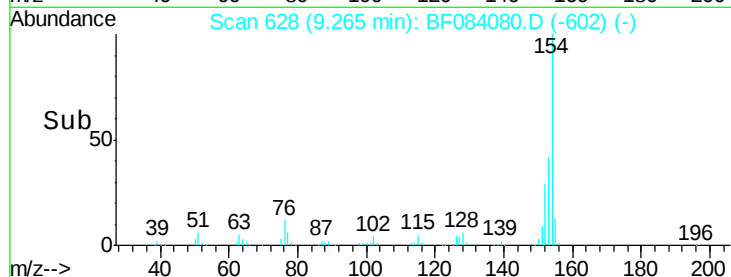
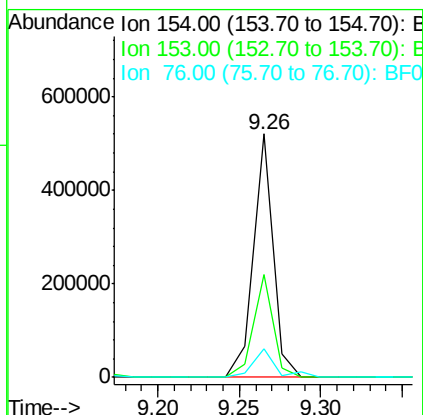
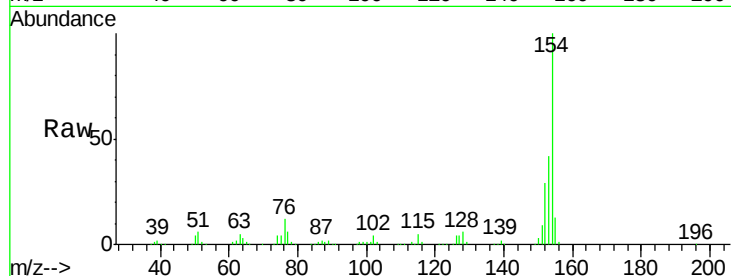




#45
 1,1'-Biphenyl
 Concen: 54.45 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF084080.D
 Acq: 24 Dec 2015 15:32

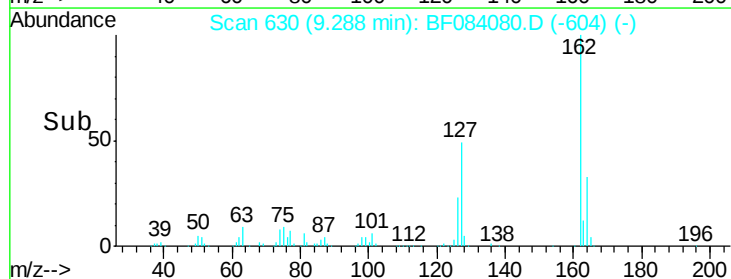
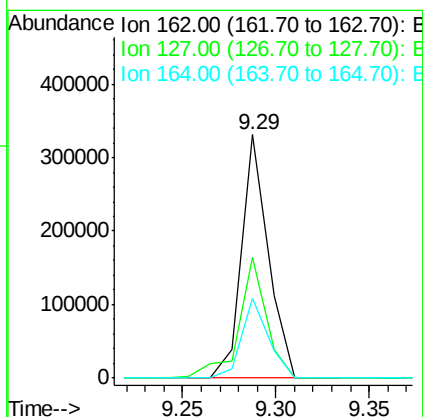
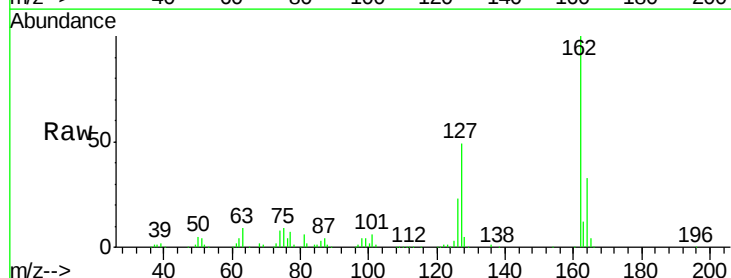
Instrument :
 BNA_F
 ClientSampleId :

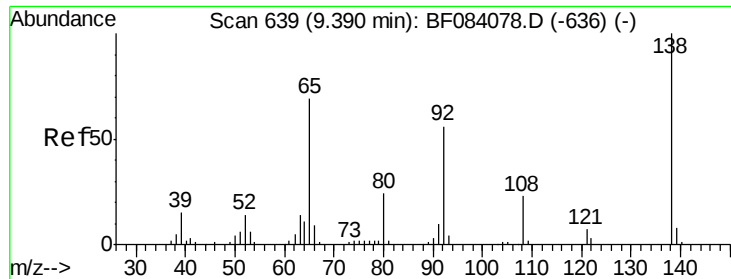
Tot Ion:154 Resp: 437899
 Ion Ratio Lower Upper
 154 100
 153 42.3 21.6 61.6
 76 12.0 0.0 32.7



#46
 2-Chloronaphthalene
 Concen: 55.12 ng
 RT: 9.29 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF084080.D
 Acq: 24 Dec 2015 15:32

Tgt Ion:162 Resp: 331428
 Ion Ratio Lower Upper
 162 100
 127 49.5 40.2 60.4
 164 32.9 25.7 38.5

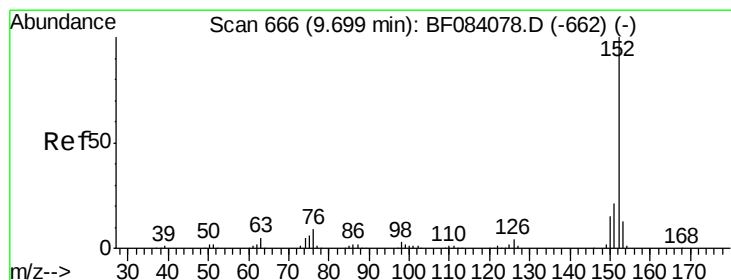
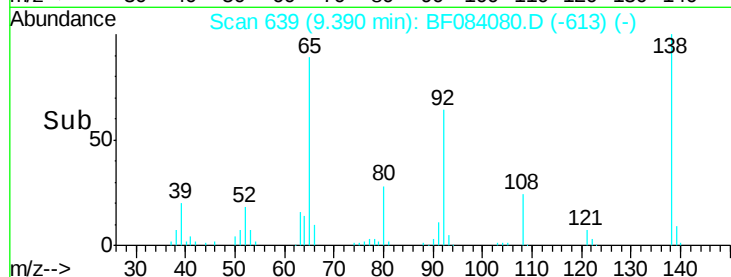
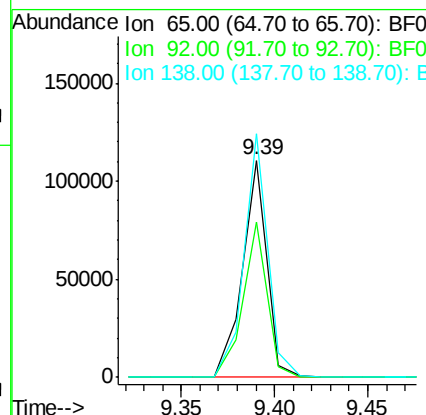
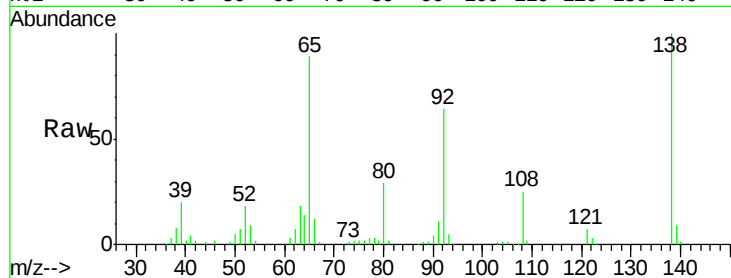




#47
2-Nitroaniline
Concen: 64.41 ng
RT: 9.39 min Scan# 639
Delta R.T. 0.00 min
Lab File: BF084080.D
Acq: 24 Dec 2015 15:32

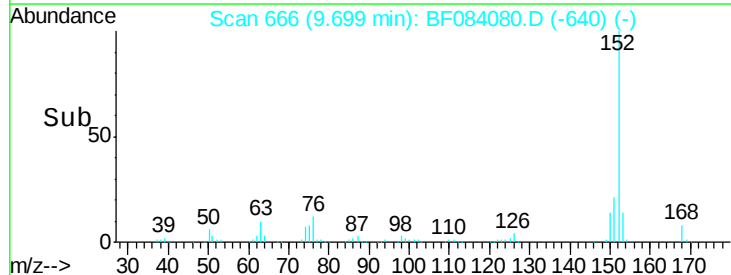
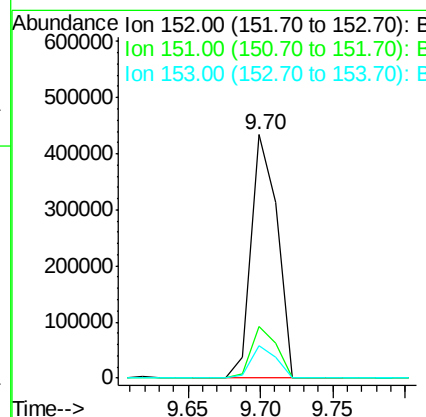
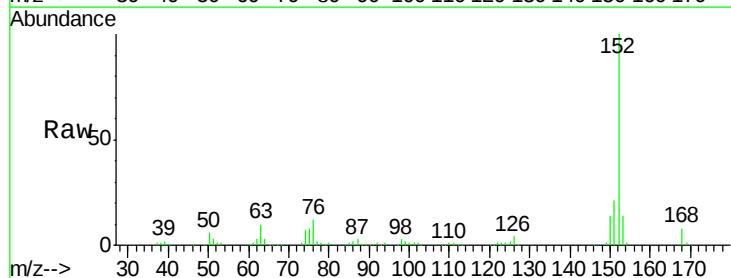
Instrument :
BNA_F
ClientSampleId :

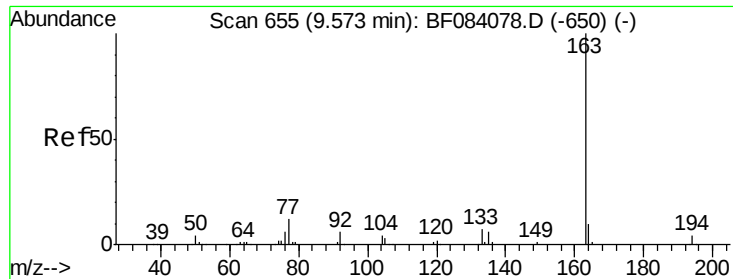
Tot Ion: 65 Resp: 100835
Ion Ratio Lower Upper
65 100
92 71.5 53.4 80.2
138 112.3 71.1 106.7#



#48
Acenaphthylene
Concen: 55.01 ng
RT: 9.70 min Scan# 666
Delta R.T. 0.00 min
Lab File: BF084080.D
Acq: 24 Dec 2015 15:32

Tgt Ion: 152 Resp: 540530
Ion Ratio Lower Upper
152 100
151 21.0 16.3 24.5
153 13.6 10.4 15.6

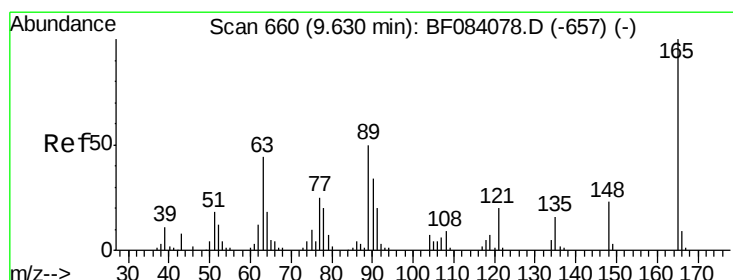
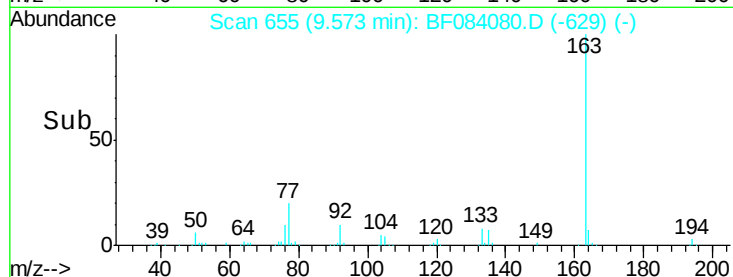
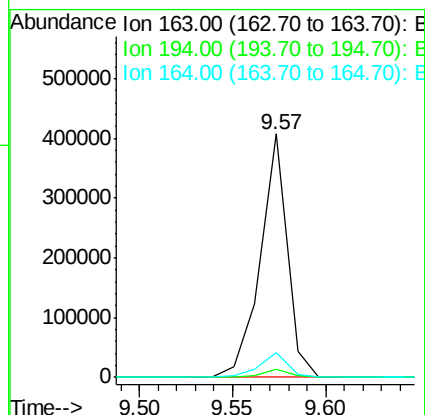
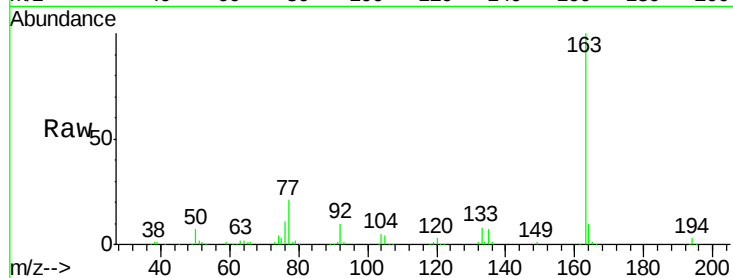




#49
Dimethylphthalate
Concen: 56.60 ng
RT: 9.57 min Scan# 655
Delta R.T. 0.00 min
Lab File: BF084080.D
Acq: 24 Dec 2015 15:32

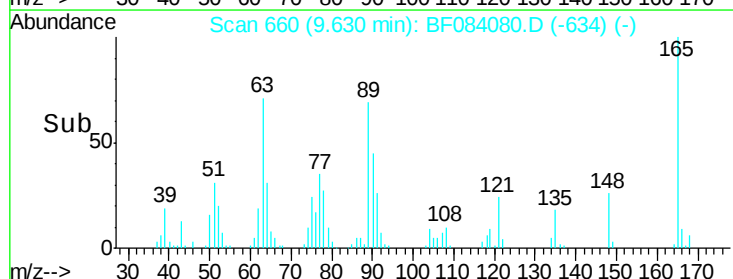
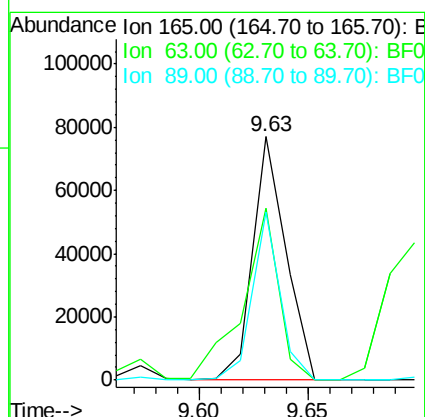
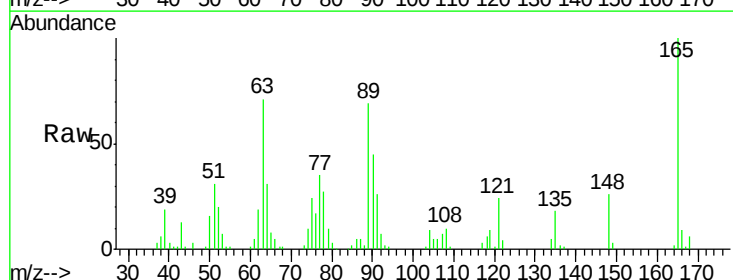
Instrument :
BNA_F
ClientSampleId :

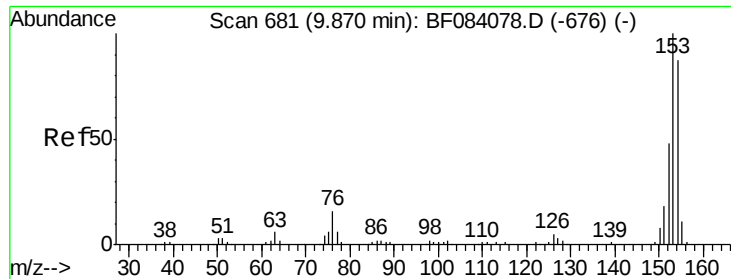
Tot Ion:163 Resp: 407673
Ion Ratio Lower Upper
163 100
194 3.1 8.0 12.0#
164 10.1 8.0 12.0



#50
2,6-Dinitrotoluene
Concen: 54.04 ng
RT: 9.63 min Scan# 660
Delta R.T. 0.00 min
Lab File: BF084080.D
Acq: 24 Dec 2015 15:32

Tgt Ion:165 Resp: 81618
Ion Ratio Lower Upper
165 100
63 70.6 28.8 43.2#
89 69.3 35.1 52.7#

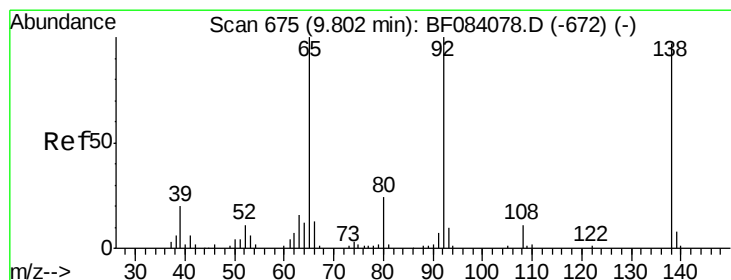
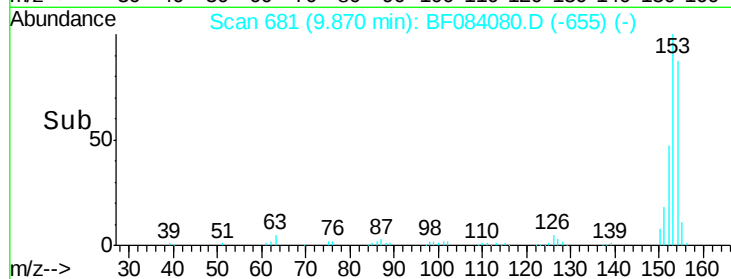
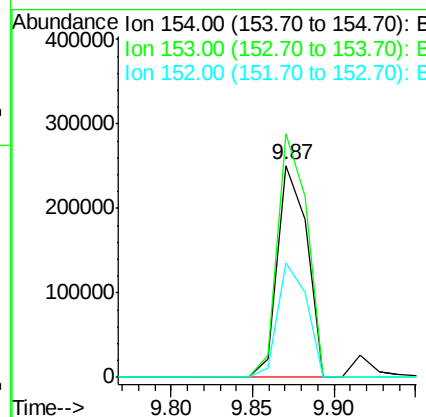
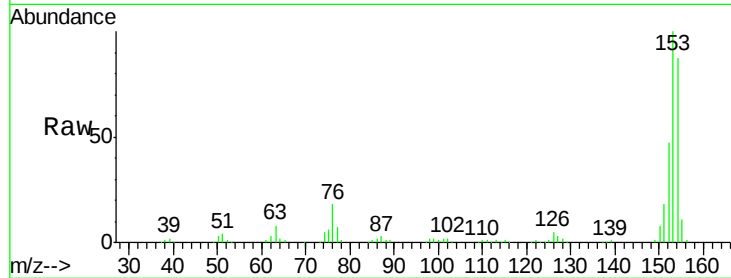




#51
Acenaphthene
Concen: 55.21 ng
RT: 9.87 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF084080.D
Acq: 24 Dec 2015 15:32

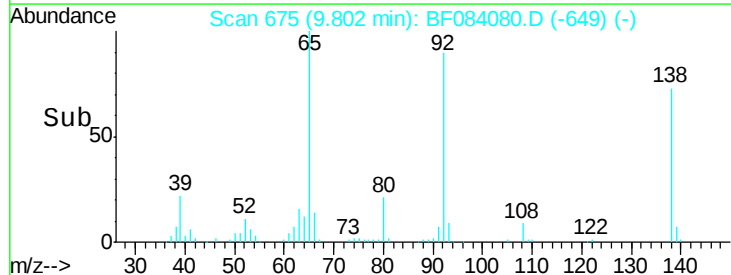
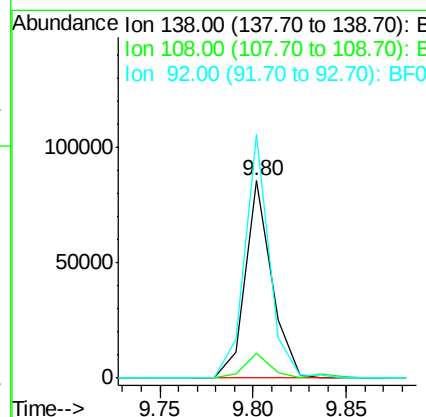
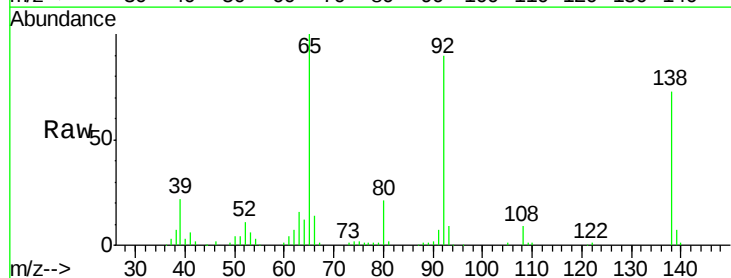
Instrument :
BNA_F
ClientSampleId :

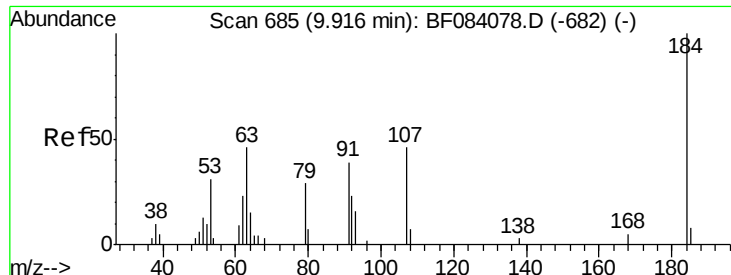
Tot Ion:154 Resp: 315376
Ion Ratio Lower Upper
154 100
153 115.0 91.5 137.3
152 54.0 43.0 64.6



#52
3-Nitroaniline
Concen: 51.87 ng
RT: 9.80 min Scan# 675
Delta R.T. 0.00 min
Lab File: BF084080.D
Acq: 24 Dec 2015 15:32

Tgt Ion:138 Resp: 84600
Ion Ratio Lower Upper
138 100
108 12.7 10.5 15.7
92 123.3 103.9 155.9

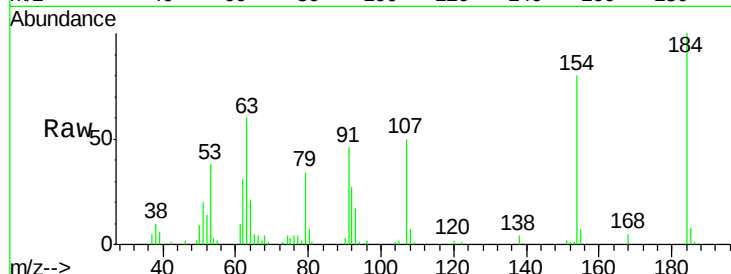




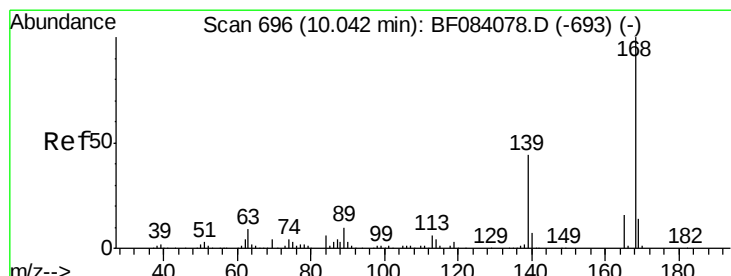
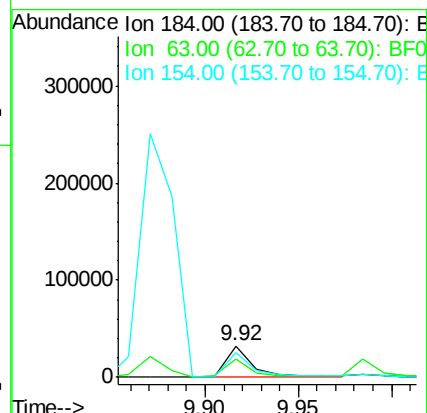
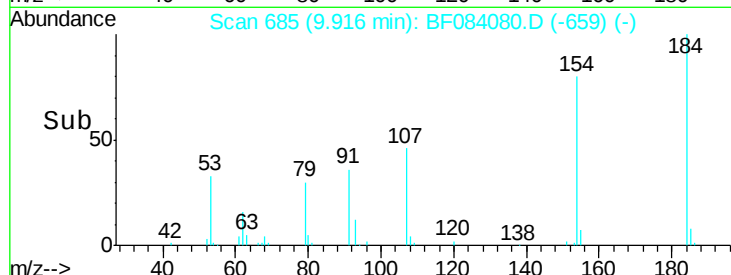
#53
2,4-Dinitrophenol
Concen: 100.79 ng
RT: 9.92 min Scan# 685
Delta R.T. 0.00 min
Lab File: BF084080.D
Acq: 24 Dec 2015 15:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 33390
Ion Ratio Lower Upper
184 100
63 60.3 43.1 64.7
154 80.1 60.5 90.7

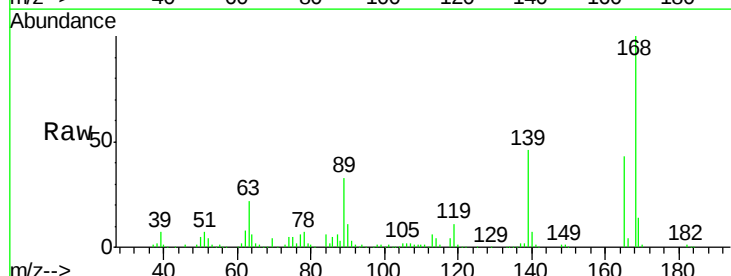


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

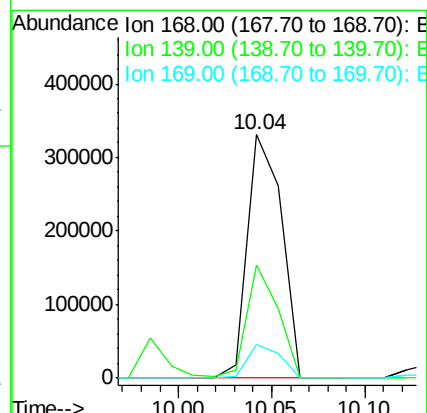
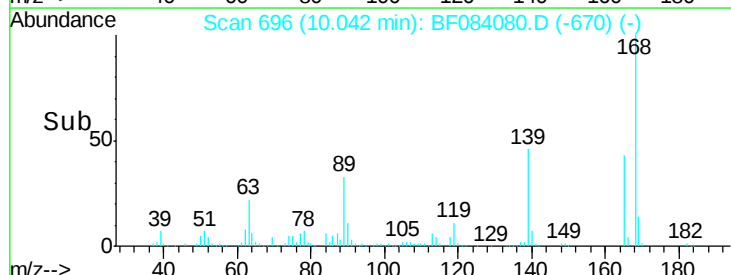


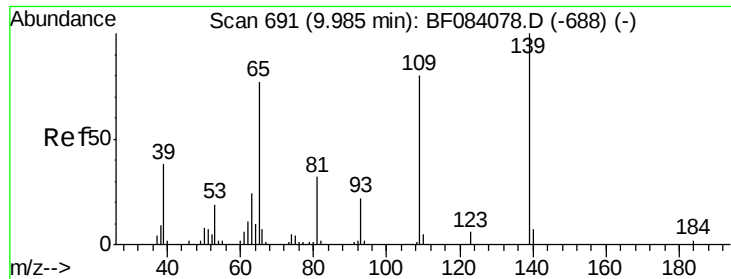
#54
Dibenzofuran
Concen: 52.77 ng
RT: 10.04 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF084080.D
Acq: 24 Dec 2015 15:32

Tgt Ion:168 Resp: 419428
Ion Ratio Lower Upper
168 100
139 46.2 30.5 45.7#
169 14.1 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

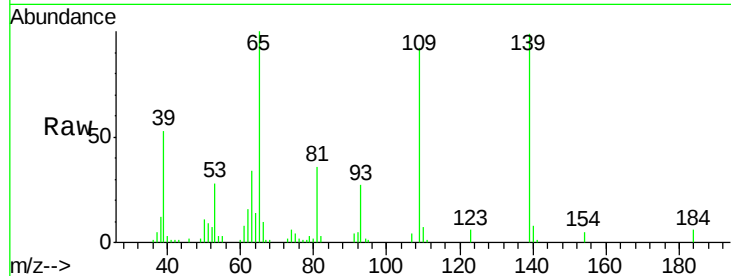




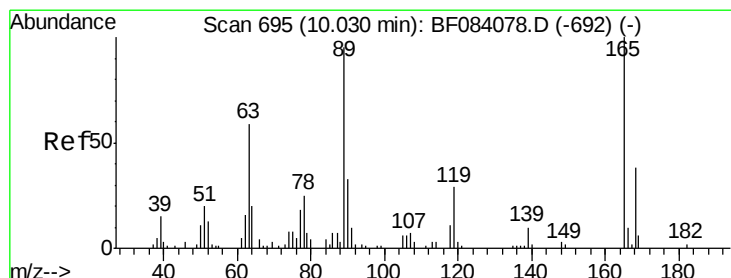
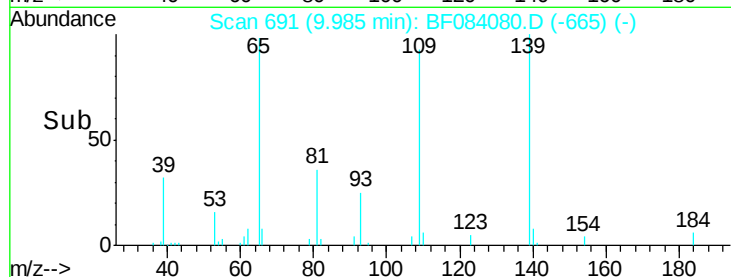
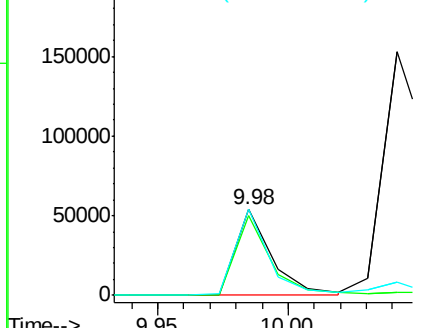
#55
4-Nitrophenol
Concen: 70.44 ng
RT: 9.98 min Scan# 691
Delta R.T. 0.00 min
Lab File: BF084080.D
Acq: 24 Dec 2015 15:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 52658
Ion Ratio Lower Upper
139 100
109 92.6 58.5 98.5
65 100.7 57.6 97.6#

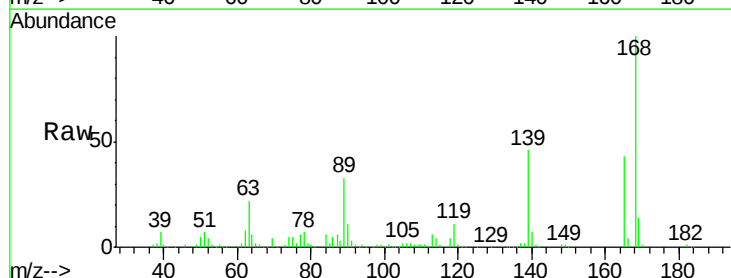


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

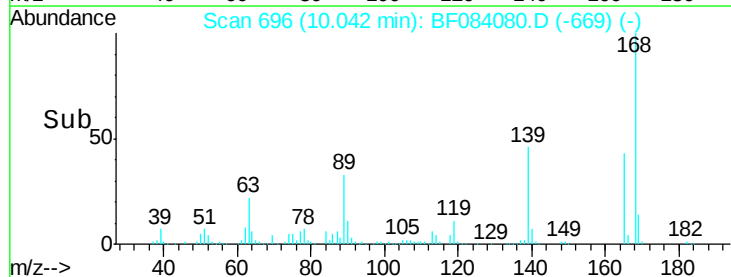
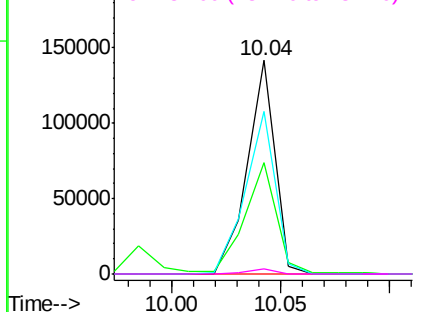


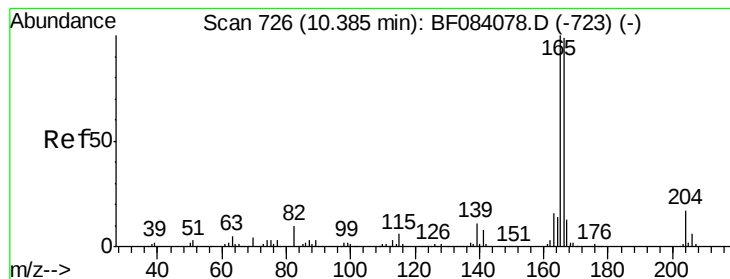
#56
2,4-Dinitrotoluene
Concen: 61.73 ng
RT: 10.04 min Scan# 696
Delta R.T. 0.01 min
Lab File: BF084080.D
Acq: 24 Dec 2015 15:32

Tgt Ion:165 Resp: 125464
Ion Ratio Lower Upper
165 100
63 51.9 36.7 55.1
89 75.9 61.9 92.9
182 2.3 2.0 3.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 52.98 ng

RT: 10.38 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF084080.D

Acq: 24 Dec 2015 15:32

Instrument :

BNA_F

ClientSampled :

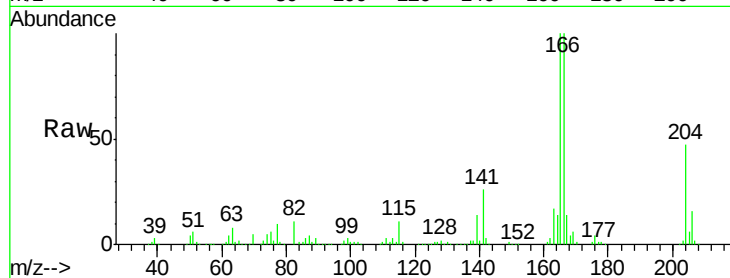
Tot Ion:166 Resp: 358644

Ion Ratio Lower Upper

166 100

165 99.5 79.1 118.7

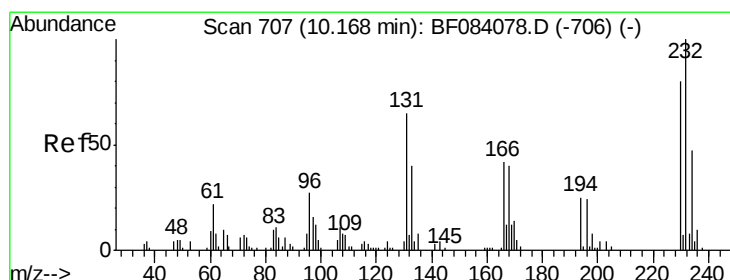
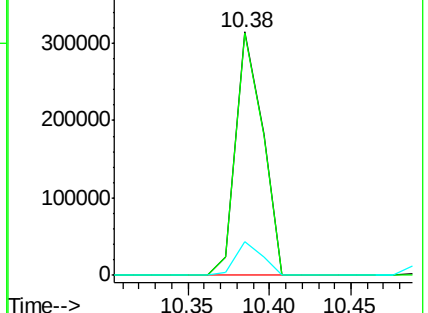
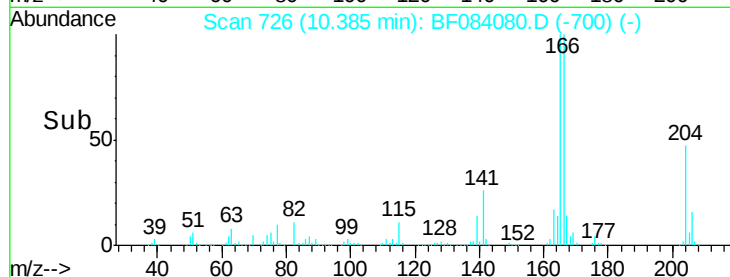
167 13.9 10.4 15.6



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: 58.55 ng

RT: 10.17 min Scan# 707

Delta R.T. 0.00 min

Lab File: BF084080.D

Acq: 24 Dec 2015 15:32

Tgt Ion:232 Resp: 73450

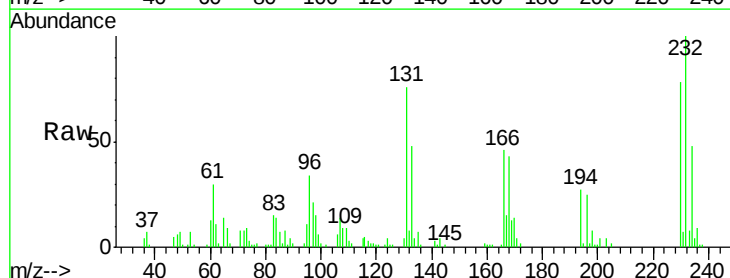
Ion Ratio Lower Upper

232 100

131 59.4 47.0 70.6

130 2.9 2.0 3.0

166 36.8 30.5 45.7

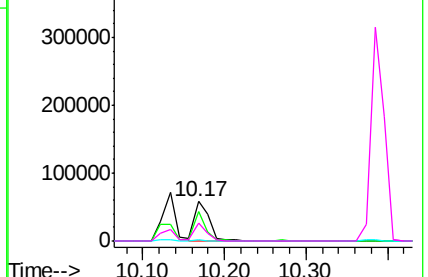
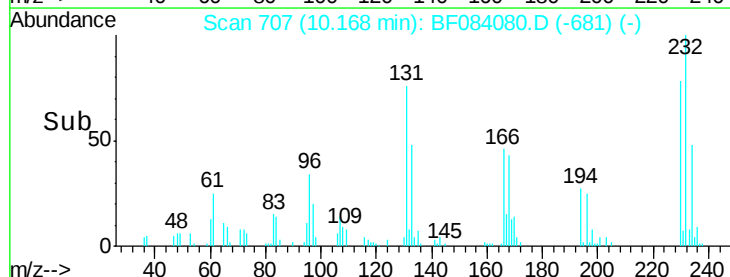


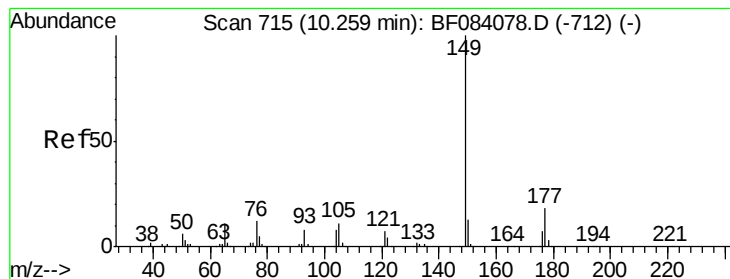
Abundance Ion 232.00 (231.70 to 232.70): E

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: 61.02 ng

RT: 10.27 min Scan# 716

Delta R.T. 0.01 min

Lab File: BF084080.D

Acq: 24 Dec 2015 15:32

Instrument :

BNA_F

ClientSampleId :

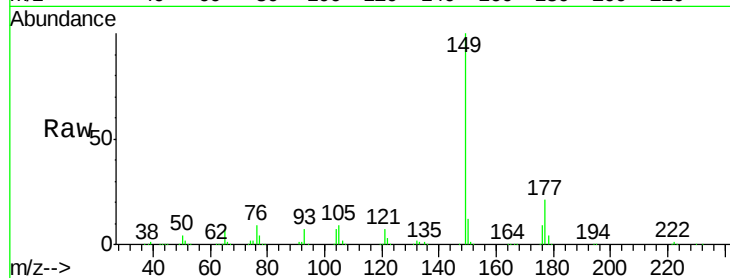
Tot Ion:149 Resp: 448350

Ion Ratio Lower Upper

149 100

177 20.7 17.3 25.9

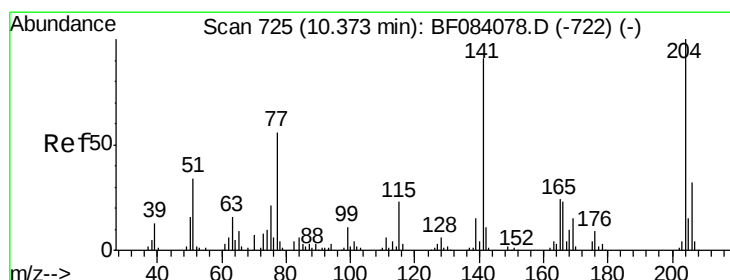
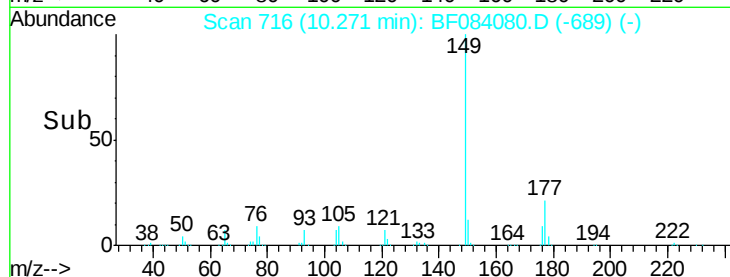
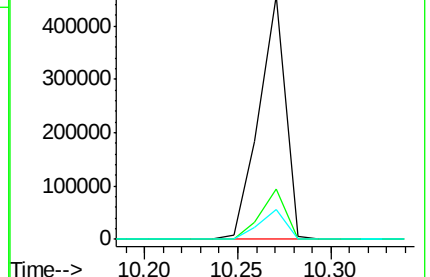
150 12.4 9.8 14.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 56.42 ng

RT: 10.38 min Scan# 726

Delta R.T. 0.01 min

Lab File: BF084080.D

Acq: 24 Dec 2015 15:32

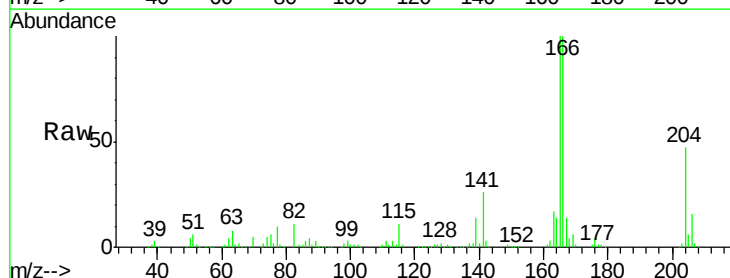
Tgt Ion:204 Resp: 173323

Ion Ratio Lower Upper

204 100

206 33.8 25.7 38.5

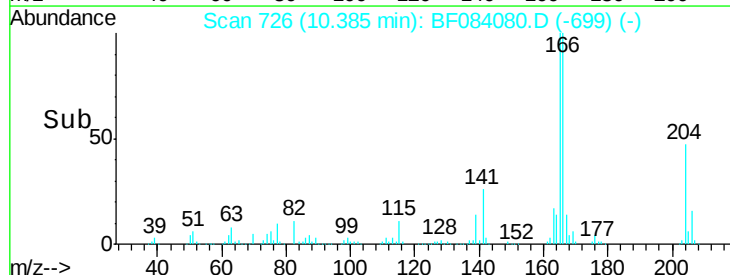
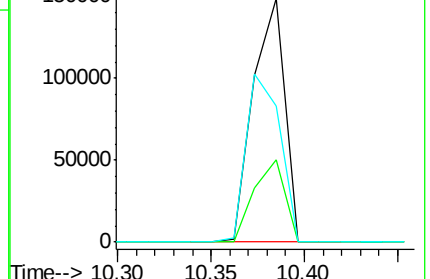
141 55.7 55.1 82.7

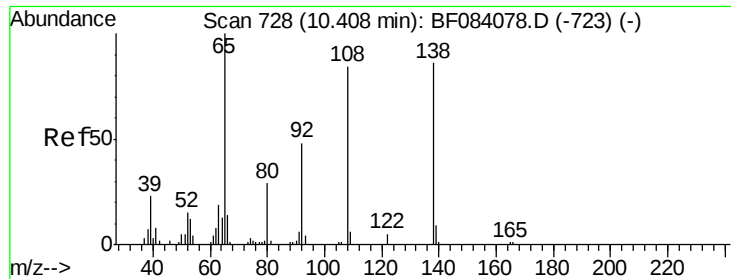


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

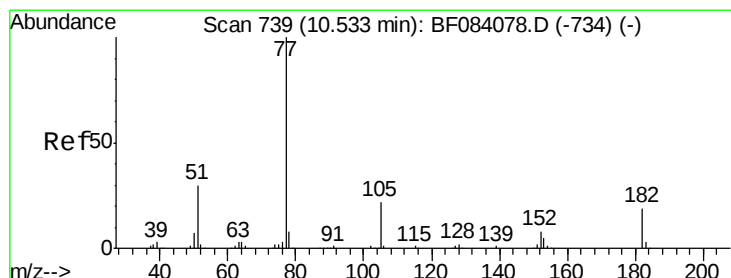
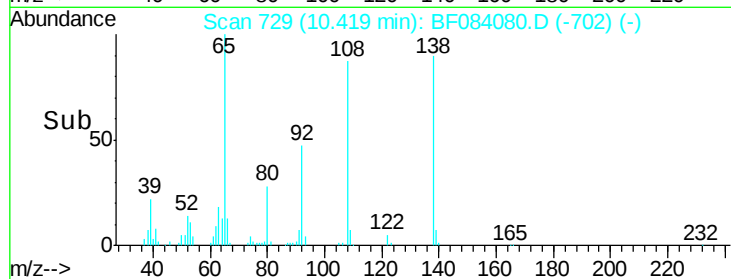
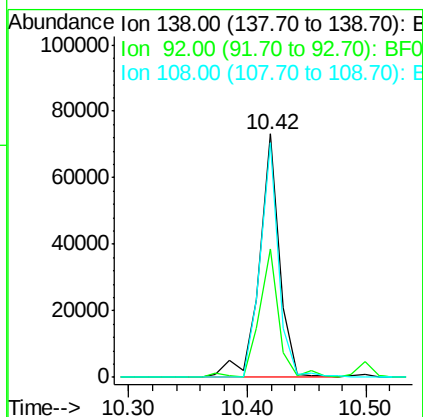
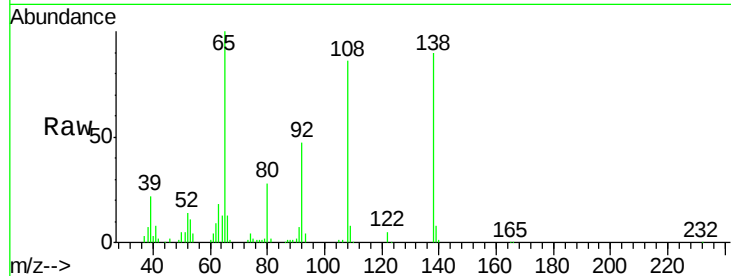




#61
4-Nitroaniline
Concen: 58.84 ng
RT: 10.42 min Scan# 729
Delta R.T. 0.01 min
Lab File: BF084080.D
Acq: 24 Dec 2015 15:32

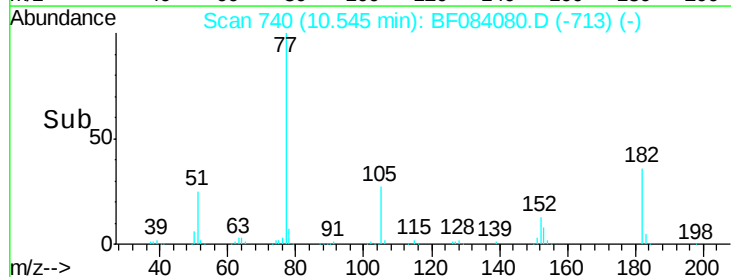
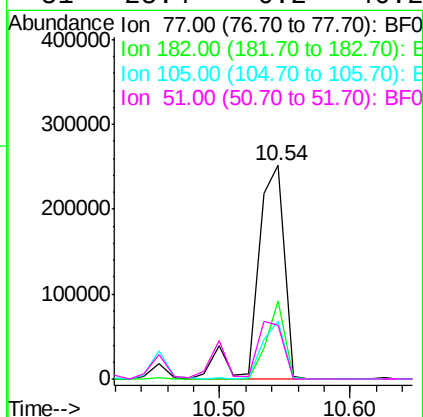
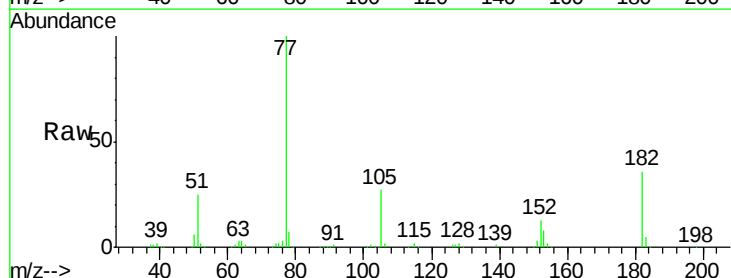
Instrument :
BNA_F
ClientSampleId :

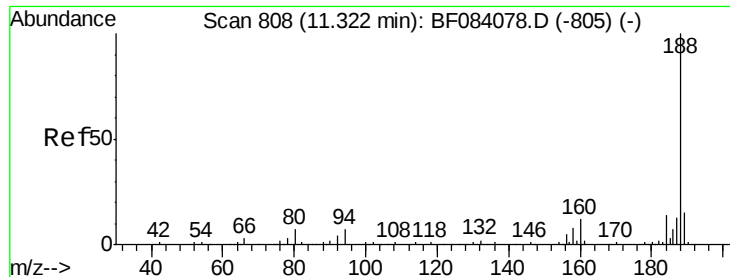
Tot Ion:138 Resp: 87612
Ion Ratio Lower Upper
138 100
92 52.6 32.6 72.6
108 96.6 68.6 108.6



#62
Azobenzene
Concen: 61.95 ng
RT: 10.54 min Scan# 740
Delta R.T. 0.01 min
Lab File: BF084080.D
Acq: 24 Dec 2015 15:32

Tgt Ion: 77 Resp: 363603
Ion Ratio Lower Upper
77 100
182 36.5 8.3 48.3
105 26.9 4.6 44.6
51 25.4 6.2 46.2

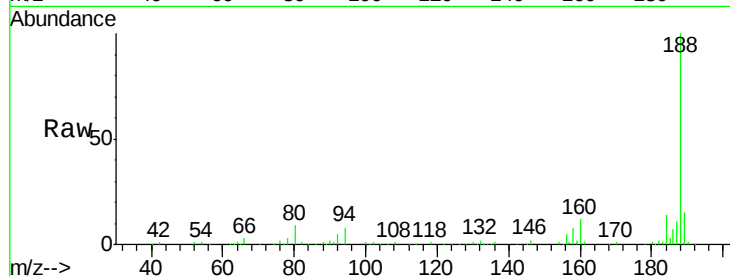




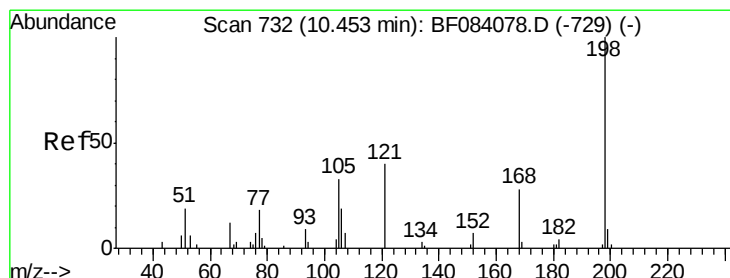
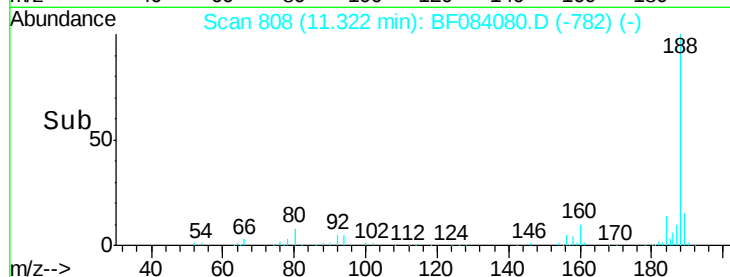
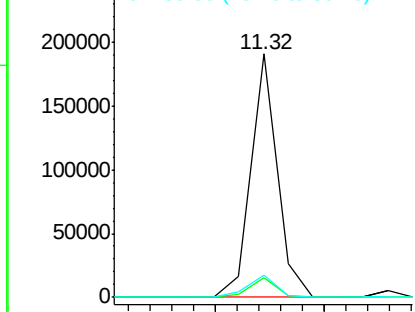
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF084080.D
Acq: 24 Dec 2015 15:32

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 160421
Ion Ratio Lower Upper
188 100
94 8.1 9.0 13.4#
80 9.0 9.6 14.4#

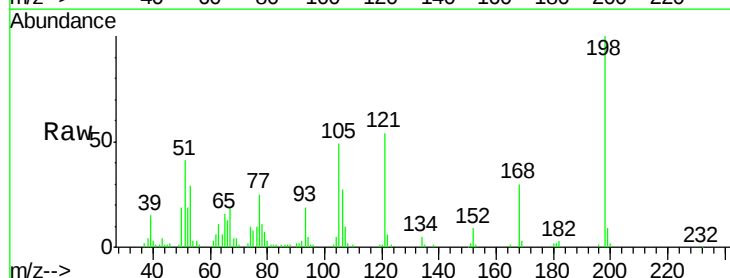


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

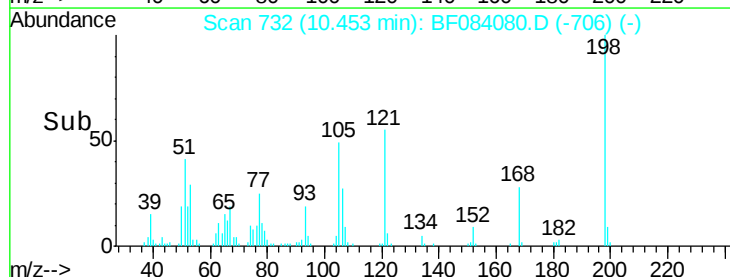
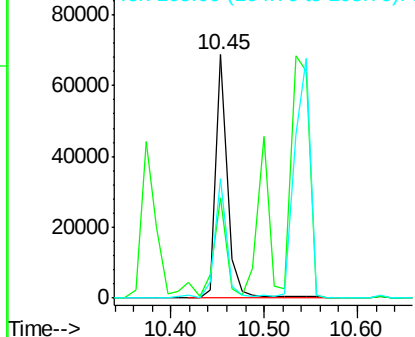


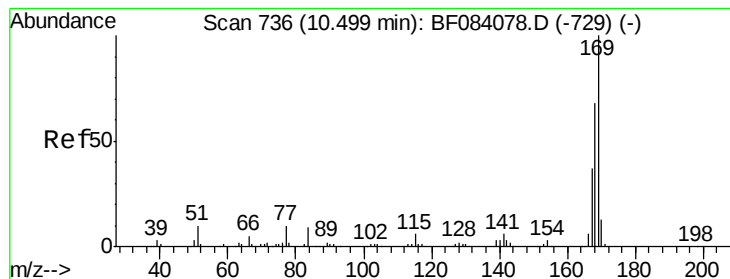
#64
4,6-Dinitro-2-methylphenol
Concen: 83.56 ng
RT: 10.45 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF084080.D
Acq: 24 Dec 2015 15:32

Tgt Ion:198 Resp: 59857
Ion Ratio Lower Upper
198 100
51 41.2 18.9 58.9
105 49.0 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: 52.00 ng

RT: 10.50 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF084080.D

Acq: 24 Dec 2015 15:32

Instrument :

BNA_F

ClientSampleId :

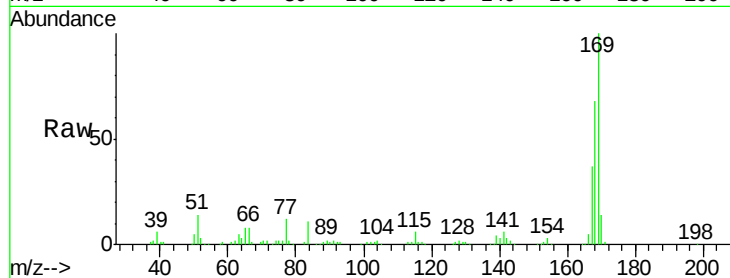
Tot Ion:169 Resp: 307365

Ion Ratio Lower Upper

169 100

168 67.6 55.1 82.7

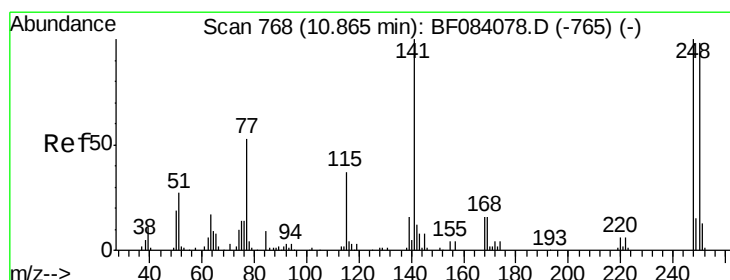
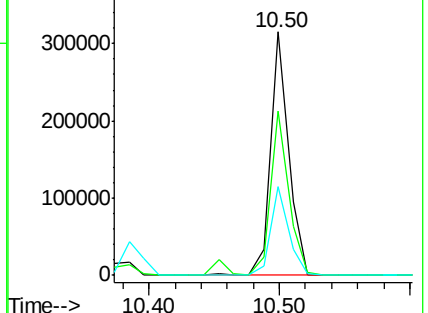
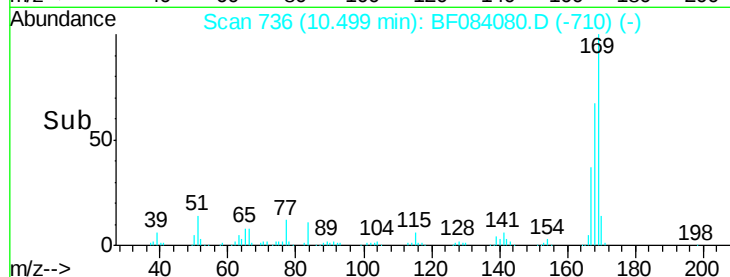
167 36.6 30.0 45.0



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: 53.20 ng

RT: 10.86 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF084080.D

Acq: 24 Dec 2015 15:32

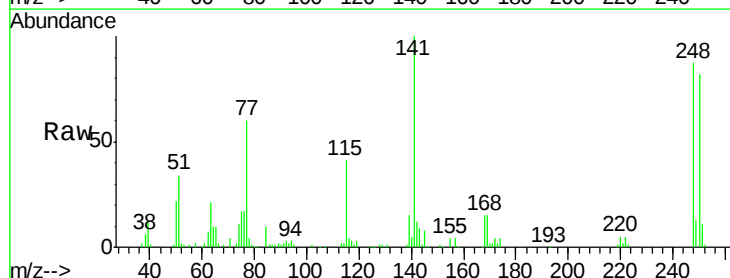
Tgt Ion:248 Resp: 102601

Ion Ratio Lower Upper

248 100

250 94.8 78.4 117.6

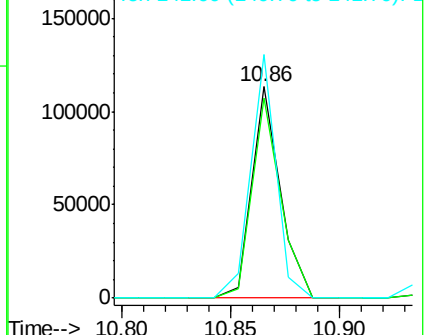
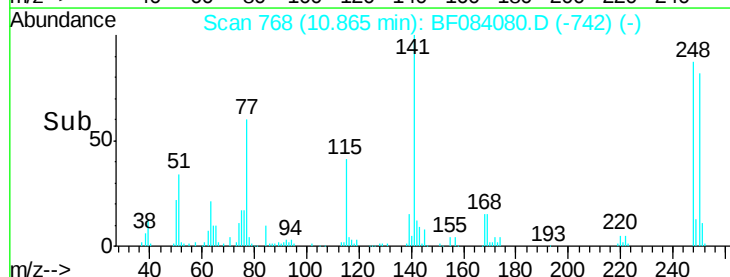
141 115.4 44.0 66.0#

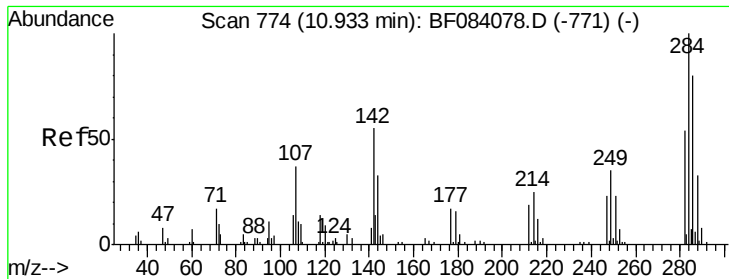


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

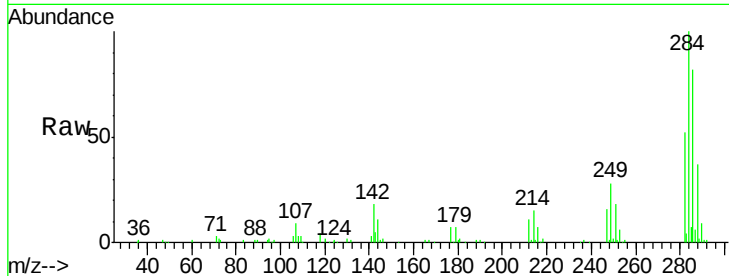




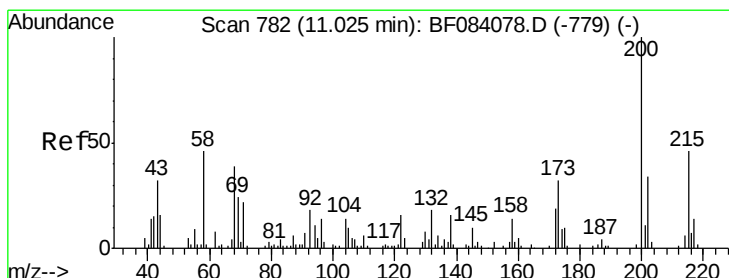
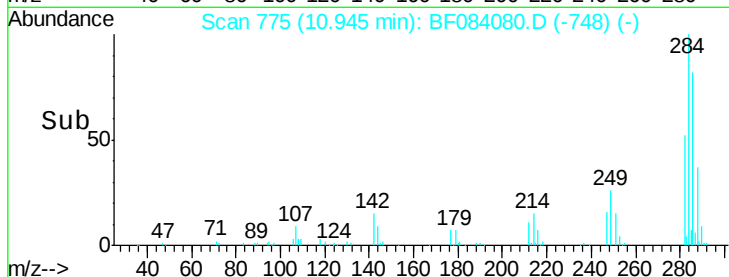
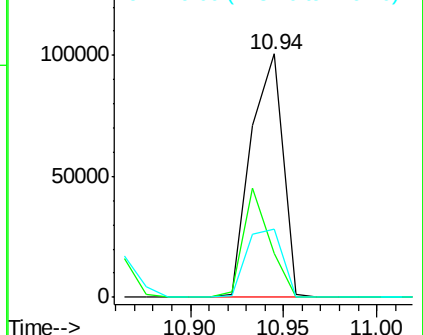
#67
Hexachlorobenzene
Concen: 58.36 ng
RT: 10.94 min Scan# 775
Delta R.T. 0.01 min
Lab File: BF084080.D
Acq: 24 Dec 2015 15:32

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 119555
Ion Ratio Lower Upper
284 100
142 18.2 22.2 33.4#
249 28.0 24.6 37.0

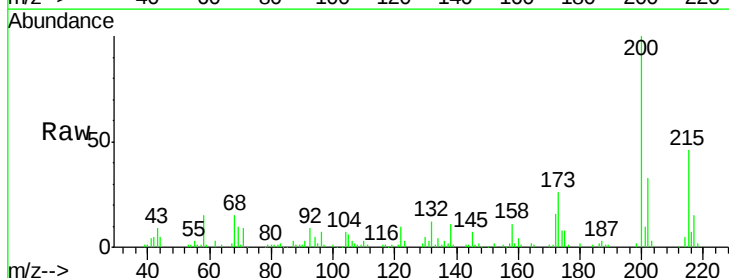


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

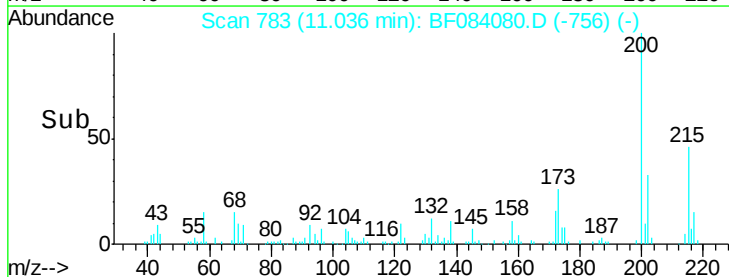
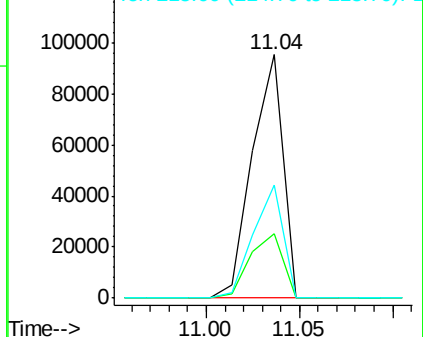


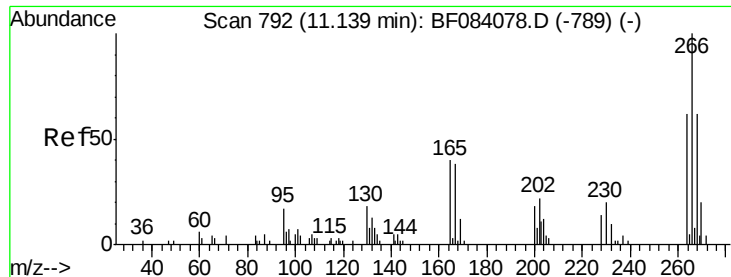
#68
Atrazine
Concen: 62.74 ng
RT: 11.04 min Scan# 783
Delta R.T. 0.01 min
Lab File: BF084080.D
Acq: 24 Dec 2015 15:32

Tgt Ion:200 Resp: 108747
Ion Ratio Lower Upper
200 100
173 26.3 9.5 49.5
215 46.4 23.8 63.8



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

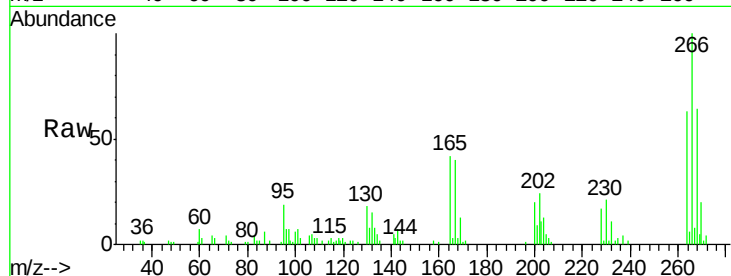




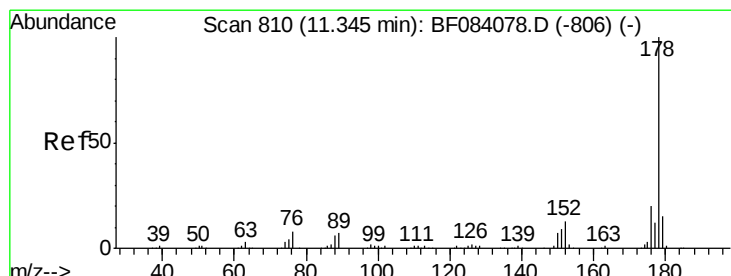
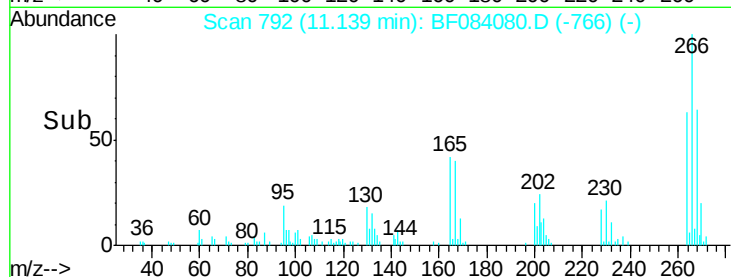
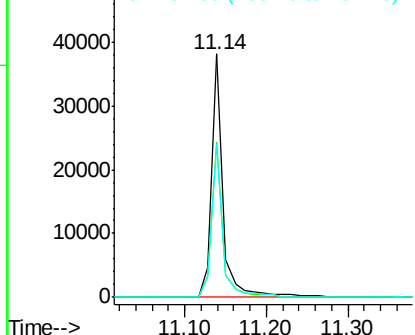
#69
 Pentachlorophenol
 Concen: 77.34 ng
 RT: 11.14 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF084080.D
 Acq: 24 Dec 2015 15:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 38545
 Ion Ratio Lower Upper
 266 100
 268 63.8 52.4 78.6
 264 62.9 50.2 75.2

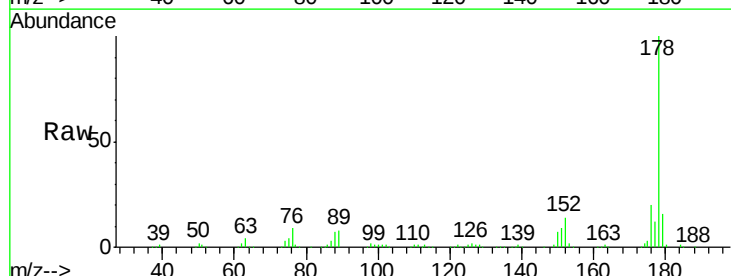


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

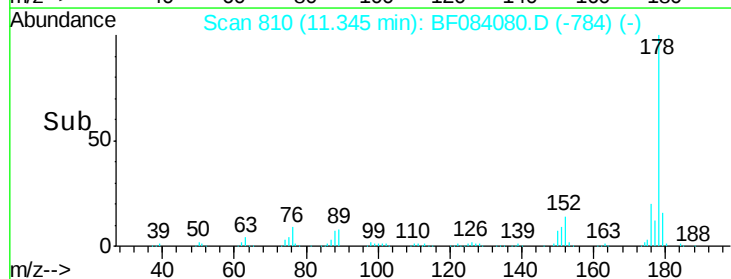
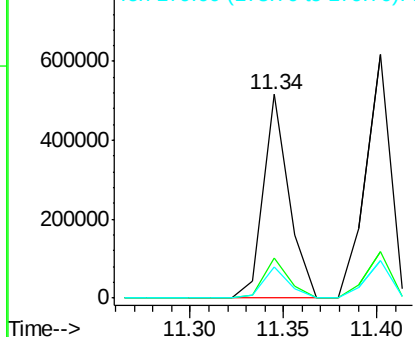


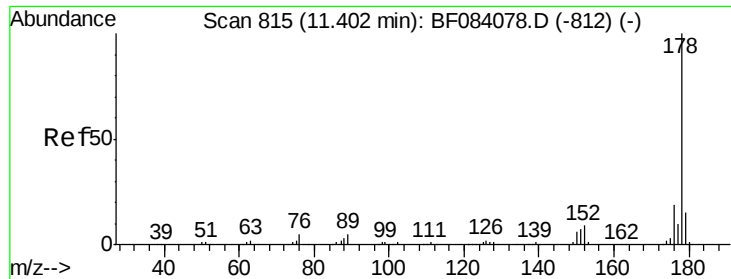
#70
 Phenanthrene
 Concen: 39.41 ng
 RT: 11.34 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF084080.D
 Acq: 24 Dec 2015 15:32

Tgt Ion:178 Resp: 495885
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.3 22.9
 179 15.6 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

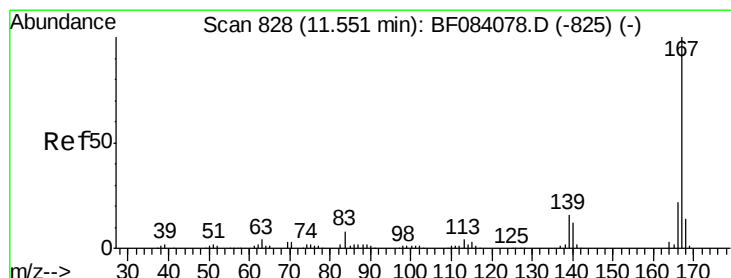
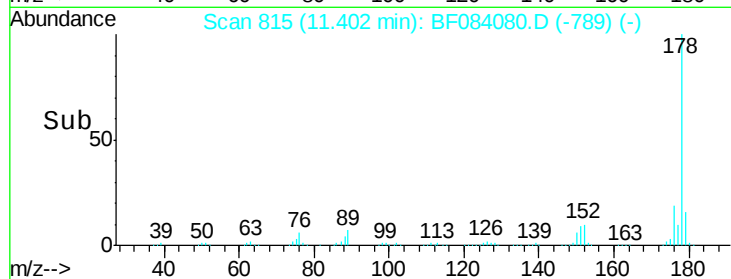
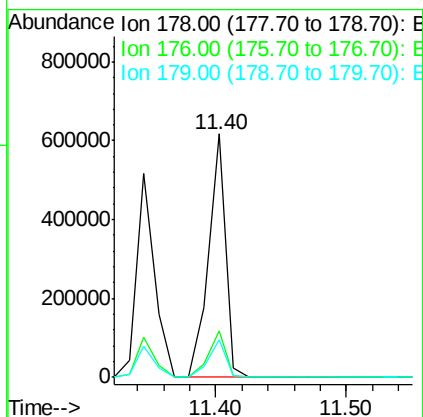
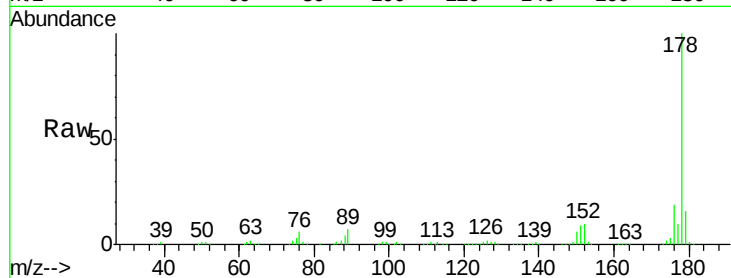




#71
 Anthracene
 Concen: 54.07 ng
 RT: 11.40 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF084080.D
 Acq: 24 Dec 2015 15:32

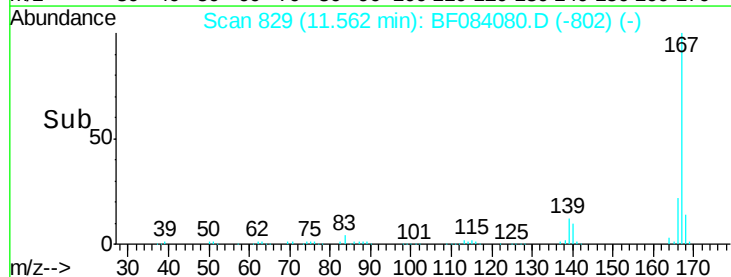
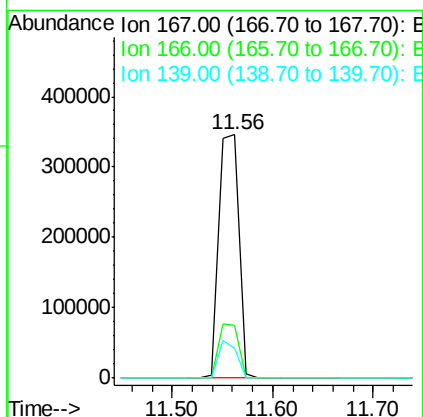
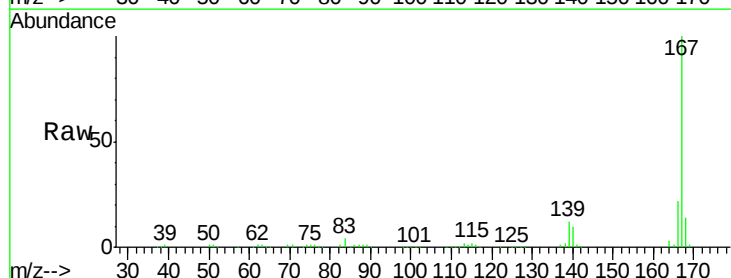
Instrument :
 BNA_F
 ClientSampled :

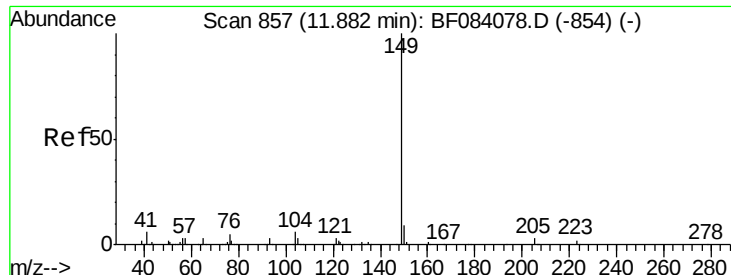
Tot Ion:178 Resp: 563634
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.0
 179 15.6 12.5 18.7



#72
 Carbazole
 Concen: 51.27 ng
 RT: 11.56 min Scan# 829
 Delta R.T. 0.01 min
 Lab File: BF084080.D
 Acq: 24 Dec 2015 15:32

Tgt Ion:167 Resp: 480208
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.6 26.4
 139 12.1 11.8 17.8





#73

Di-n-butylphthalate

Concen: 50.11 ng

RT: 11.88 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF084080.D

Acq: 24 Dec 2015 15:32

Instrument :

BNA_F

ClientSampleId :

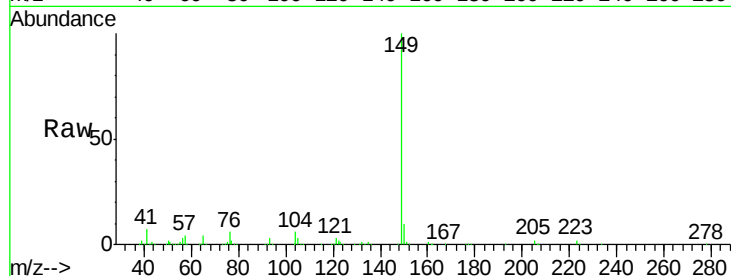
Tot Ion:149 Resp: 572561

Ion Ratio Lower Upper

149 100

150 9.6 7.1 10.7

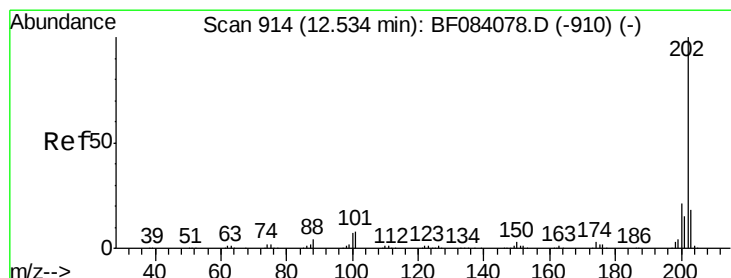
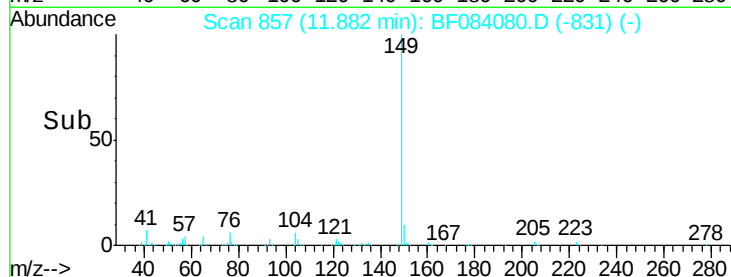
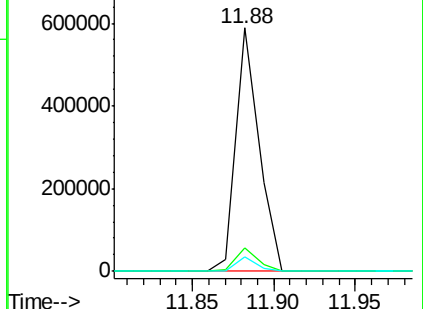
104 5.7 3.2 4.8#



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: 34.71 ng

RT: 12.53 min Scan# 914

Delta R.T. 0.00 min

Lab File: BF084080.D

Acq: 24 Dec 2015 15:32

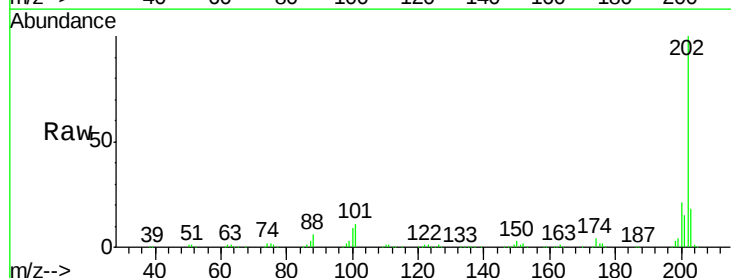
Tgt Ion:202 Resp: 527291

Ion Ratio Lower Upper

202 100

101 11.2 0.0 32.8

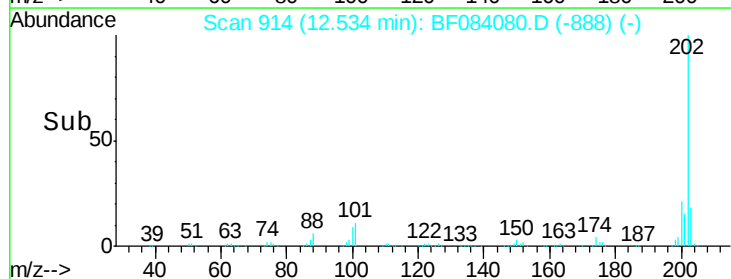
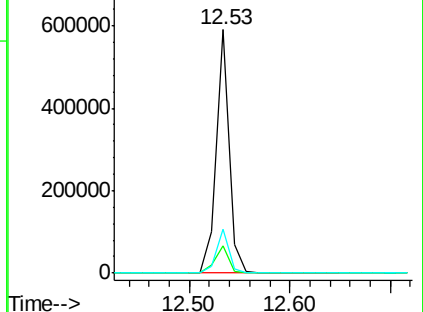
203 17.9 0.0 37.9

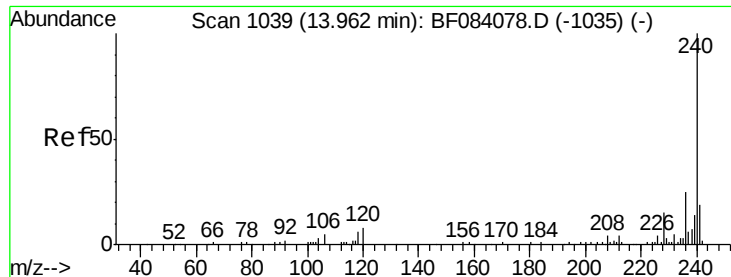


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

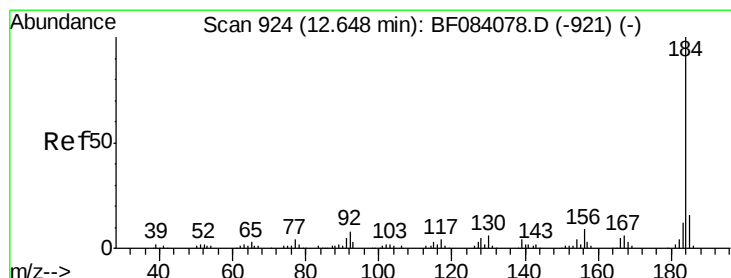
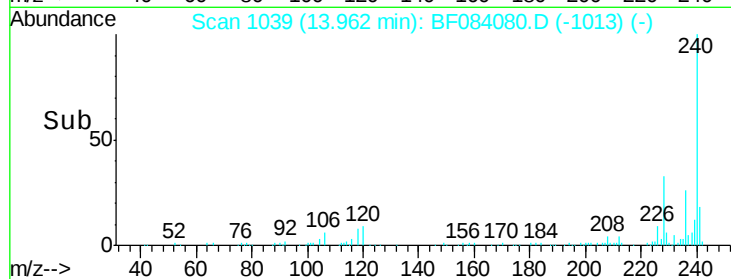
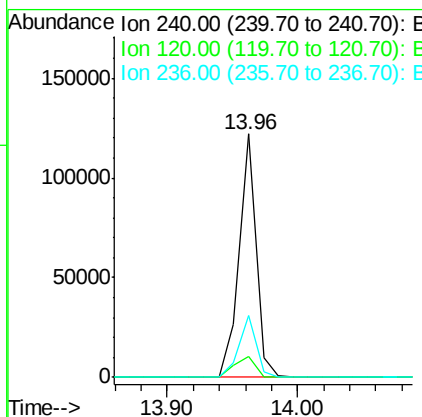
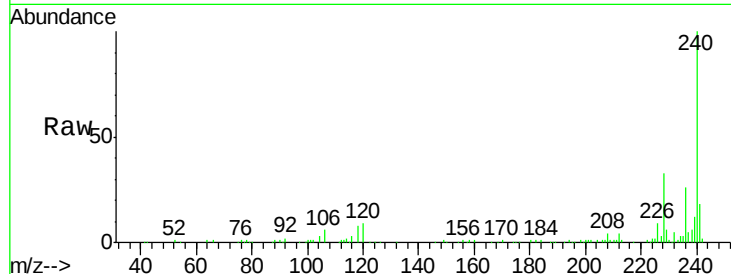




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.96 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF084080.D
Acq: 24 Dec 2015 15:32

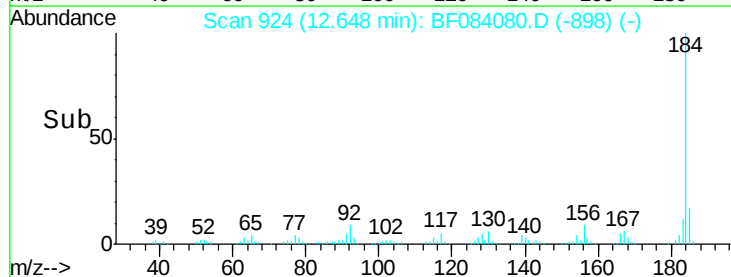
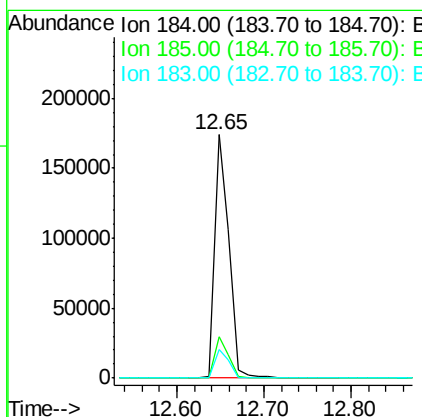
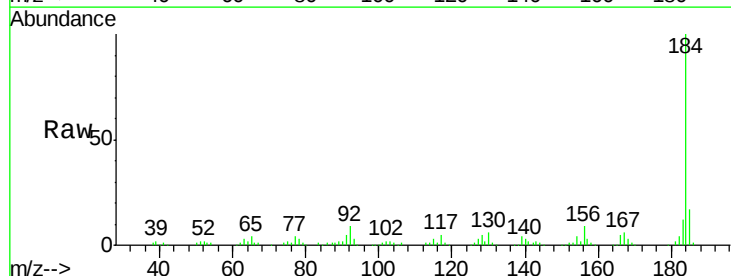
Instrument :
BNA_F
ClientSampleId :

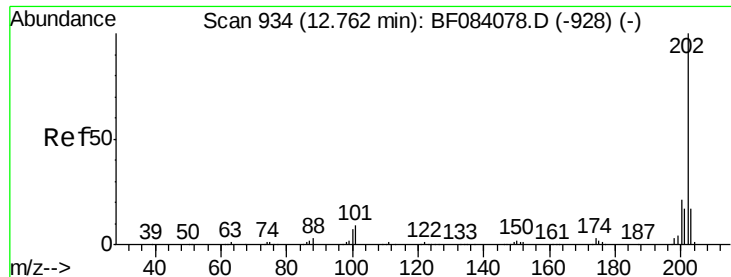
Tot Ion:240 Resp: 109506
Ion Ratio Lower Upper
240 100
120 8.6 9.5 14.3#
236 25.5 20.6 31.0



#76
Benzidine
Concen: 54.48 ng
RT: 12.65 min Scan# 924
Delta R.T. 0.00 min
Lab File: BF084080.D
Acq: 24 Dec 2015 15:32

Tgt Ion:184 Resp: 201688
Ion Ratio Lower Upper
184 100
185 16.9 12.2 18.2
183 11.8 9.8 14.8

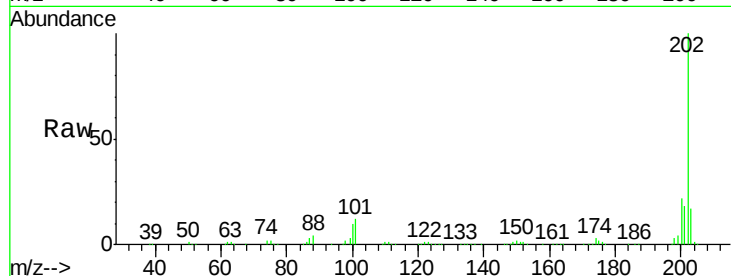




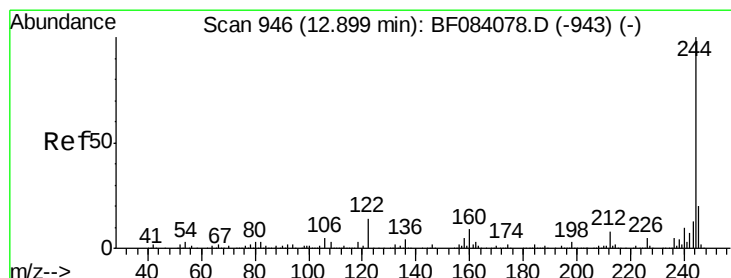
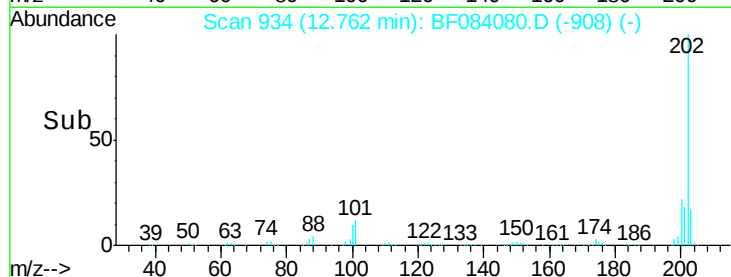
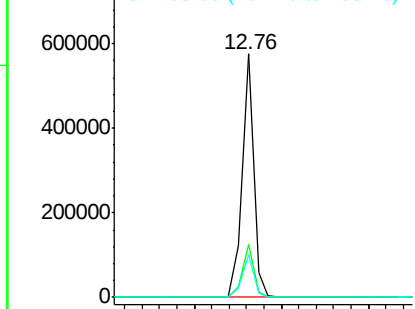
#77
Pvrene
Concen: 41.65 ng
RT: 12.76 min Scan# 934
Delta R.T. 0.00 min
Lab File: BF084080.D
Acq: 24 Dec 2015 15:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.2	25.8
203	17.5	14.3	21.5

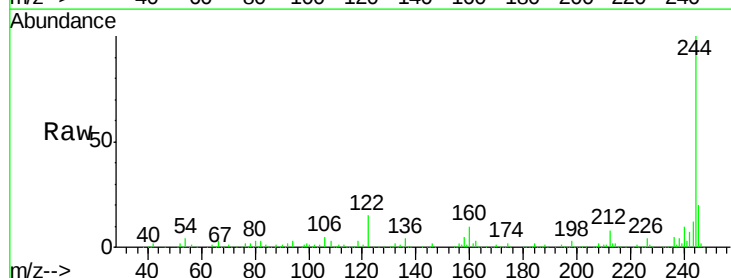


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

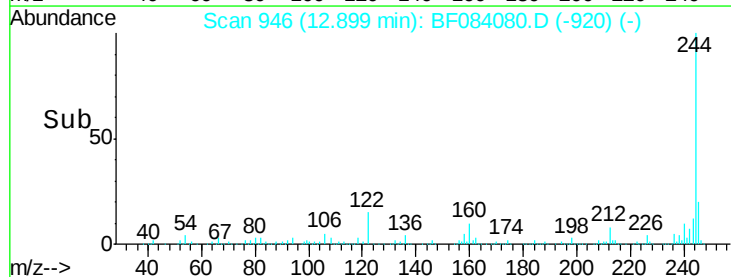
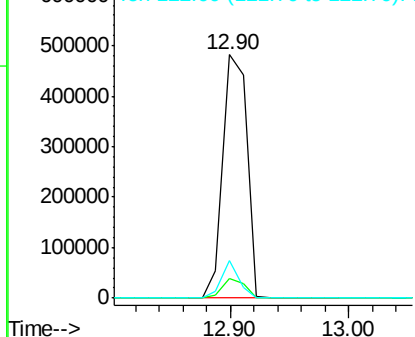


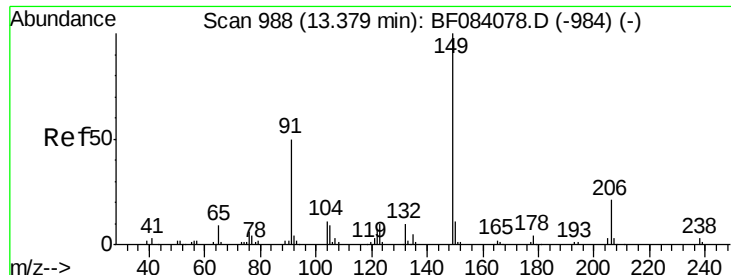
#78
Terphenyl-d14
Concen: 54.29 ng
RT: 12.90 min Scan# 946
Delta R.T. 0.00 min
Lab File: BF084080.D
Acq: 24 Dec 2015 15:32

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.7	8.5
122	15.3	7.4	11.0



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

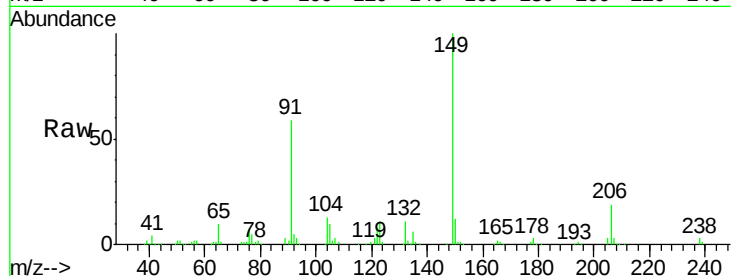




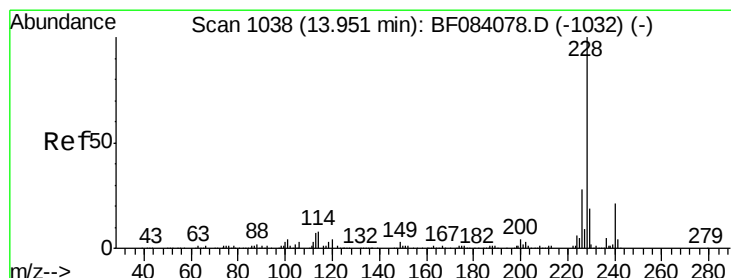
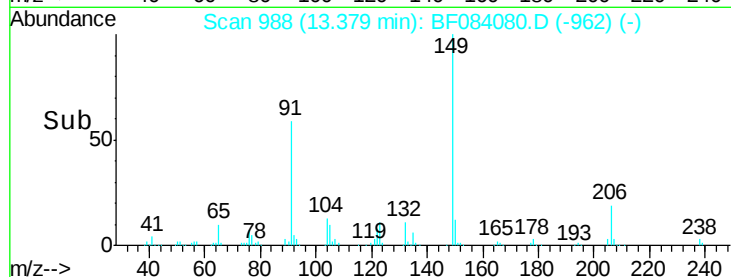
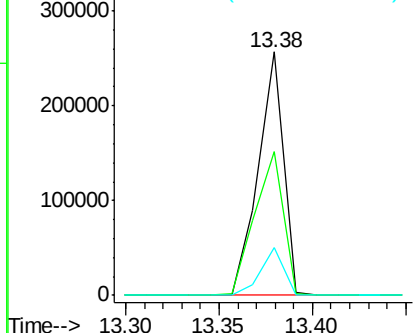
#79
Butylbenzylphthalate
Concen: 61.35 ng
RT: 13.38 min Scan# 988
Delta R.T. 0.00 min
Lab File: BF084080.D
Acq: 24 Dec 2015 15:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 240489
Ion Ratio Lower Upper
149 100
91 59.0 57.6 86.4
206 19.4 13.2 19.8

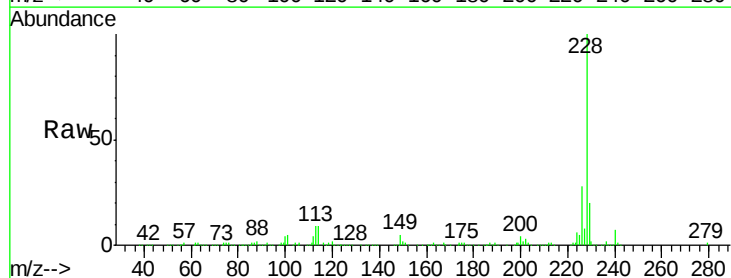


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

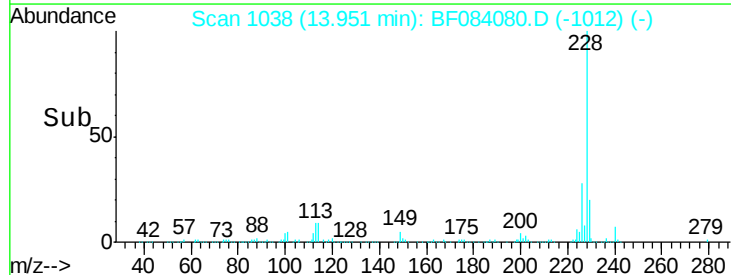
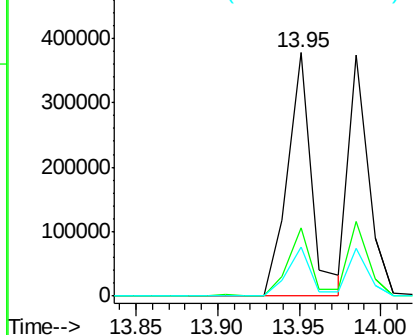


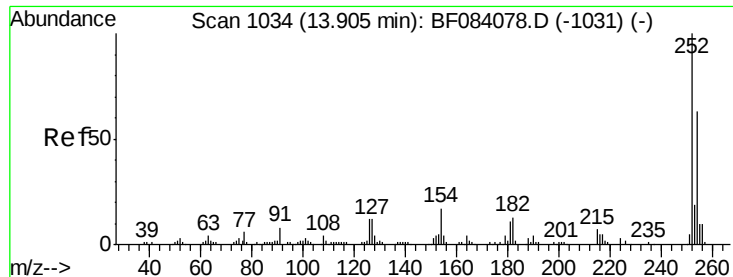
#80
Benzo(a)anthracene
Concen: 48.86 ng
RT: 13.95 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF084080.D
Acq: 24 Dec 2015 15:32

Tgt Ion:228 Resp: 389858
Ion Ratio Lower Upper
228 100
226 27.8 21.8 32.6
229 19.9 15.8 23.8



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

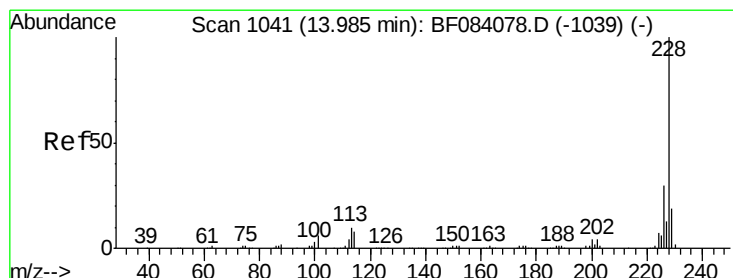
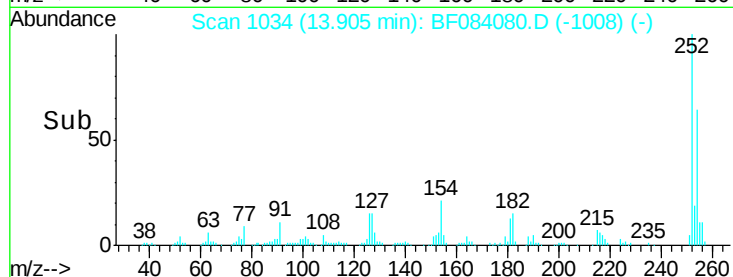
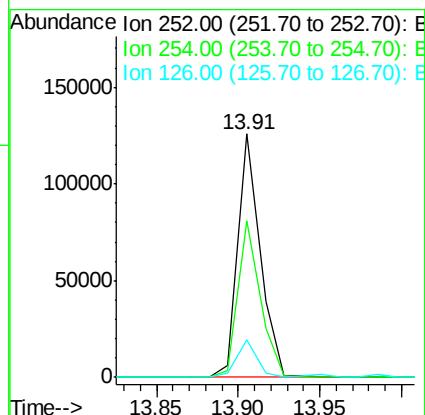
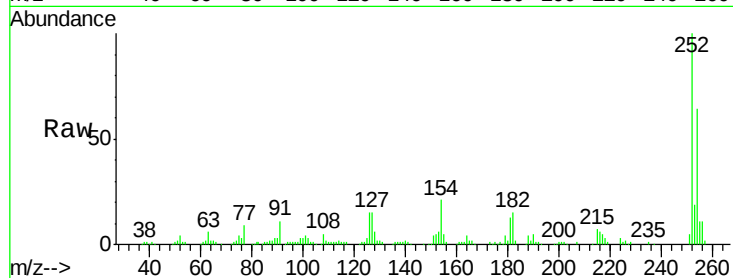




#81
 3,3'-Dichlorobenzidine
 Concen: 56.86 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: BF084080.D
 Acq: 24 Dec 2015 15:32

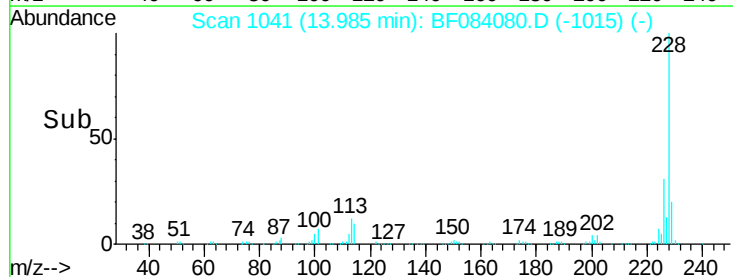
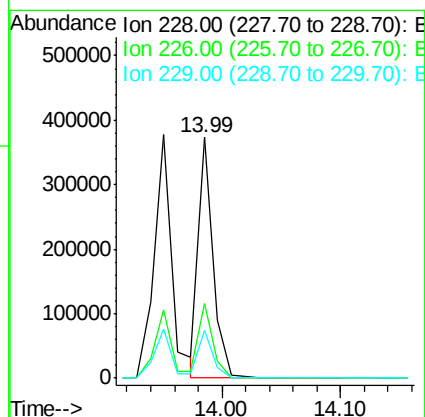
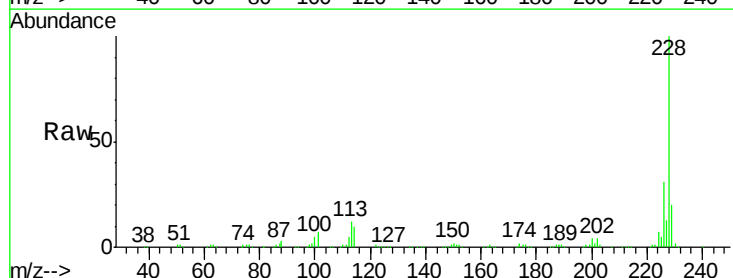
Instrument :
 BNA_F
 ClientSampleId :

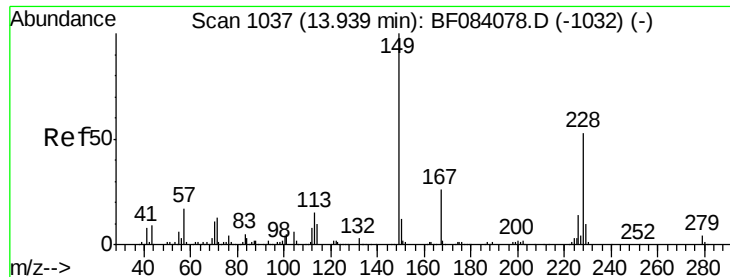
Tot Ion:252 Resp: 118904
 Ion Ratio Lower Upper
 252 100
 254 64.5 53.5 80.3
 126 15.4 4.9 7.3#



#82
 Chrysene
 Concen: 43.29 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF084080.D
 Acq: 24 Dec 2015 15:32

Tgt Ion:228 Resp: 323800
 Ion Ratio Lower Upper
 228 100
 226 30.9 24.3 36.5
 229 19.7 16.1 24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 55.72 ng

RT: 13.94 min Scan# 1037

Delta R.T. 0.00 min

Lab File: BF084080.D

Acq: 24 Dec 2015 15:32

Instrument :

BNA_F

ClientSampleId :

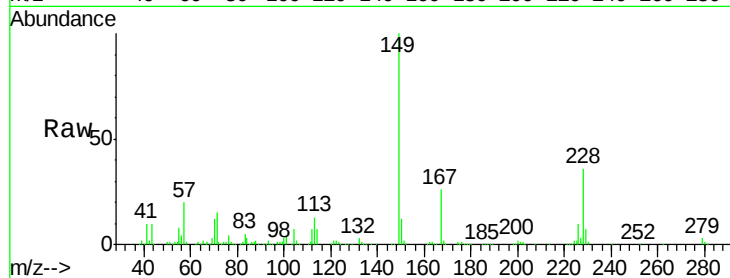
Tot Ion:149 Resp: 289522

Ion Ratio Lower Upper

149 100

167 26.0 19.7 29.5

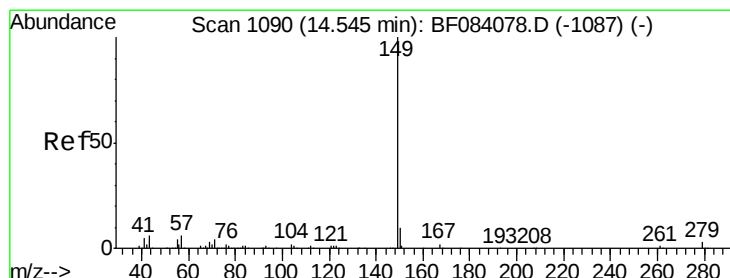
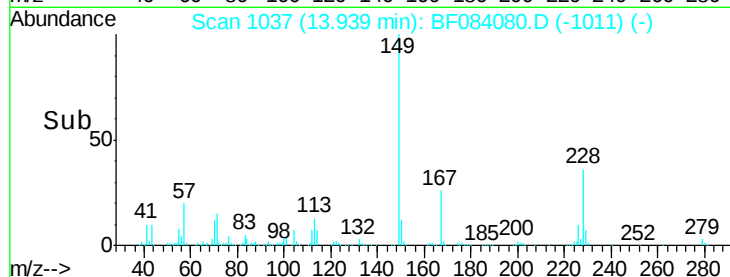
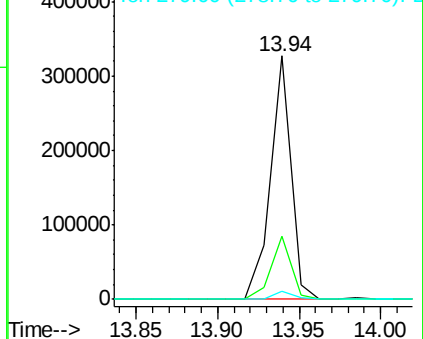
279 3.1 1.8 2.6#



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: 57.66 ng

RT: 14.55 min Scan# 1090

Delta R.T. 0.00 min

Lab File: BF084080.D

Acq: 24 Dec 2015 15:32

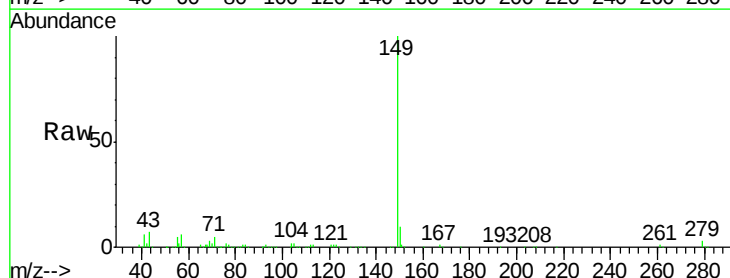
Tgt Ion:149 Resp: 418377

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

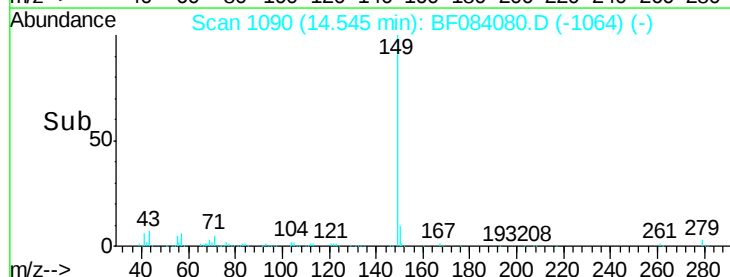
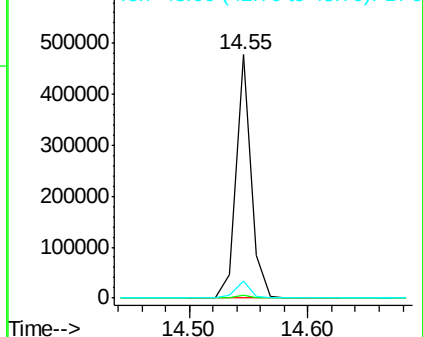
43 7.2 5.6 8.4

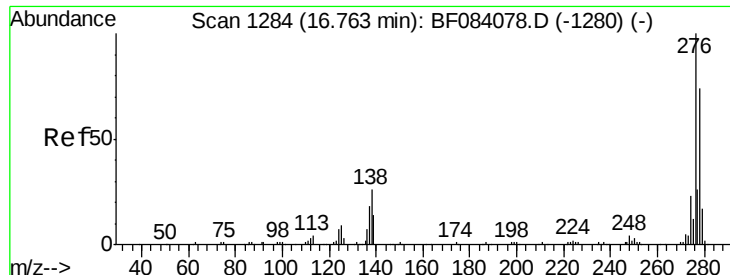


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

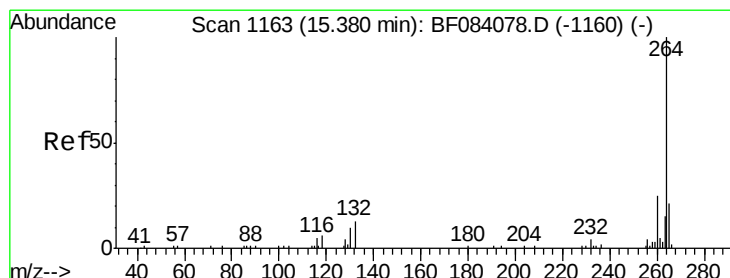
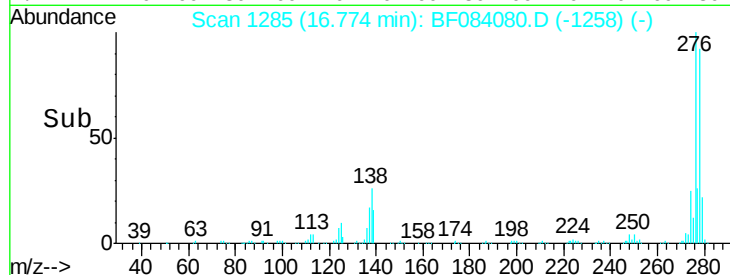
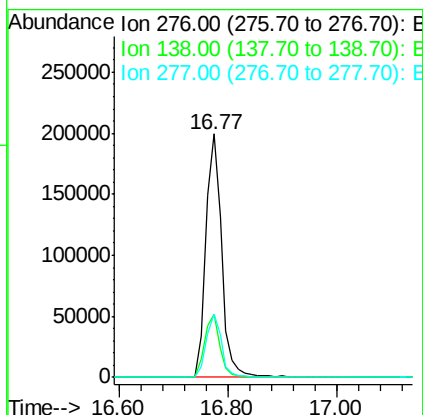
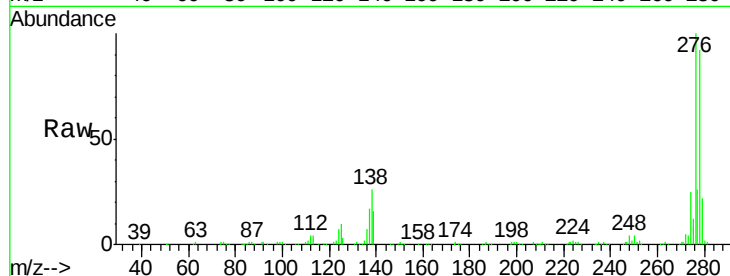




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 65.94 ng
 RT: 16.77 min Scan# 1285
 Delta R.T. 0.01 min
 Lab File: BF084080.D
 Acq: 24 Dec 2015 15:32

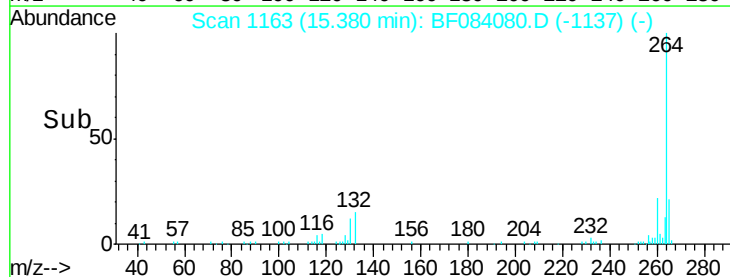
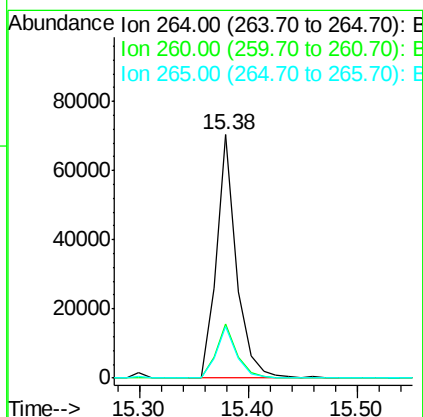
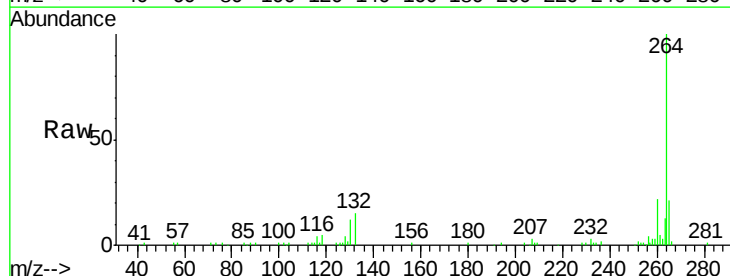
Instrument :
 BNA_F
 ClientSampled :

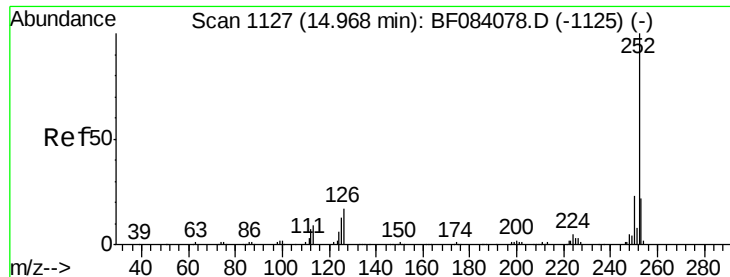
Tot Ion:276 Resp: 402663
 Ion Ratio Lower Upper
 276 100
 138 25.0 20.6 30.8
 277 25.2 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.38 min Scan# 1163
 Delta R.T. 0.00 min
 Lab File: BF084080.D
 Acq: 24 Dec 2015 15:32

Tgt Ion:264 Resp: 89964
 Ion Ratio Lower Upper
 264 100
 260 22.4 19.4 29.2
 265 21.1 17.8 26.6





#87

Benzo(b)fluoranthene

Concen: 91.11 ng

RT: 15.00 min Scan# 1130

Delta R.T. 0.03 min

Lab File: BF084080.D

Acq: 24 Dec 2015 15:32

Instrument :

BNA_F

ClientSampleId :

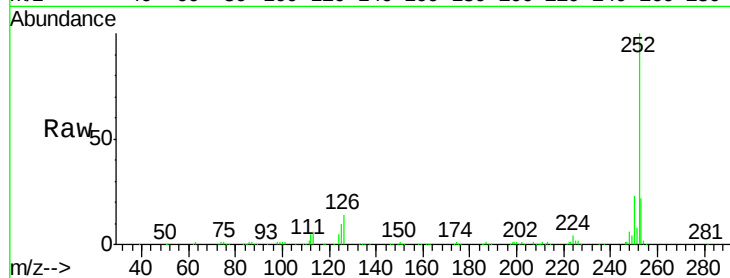
Tot Ion:252 Resp: 645852

Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

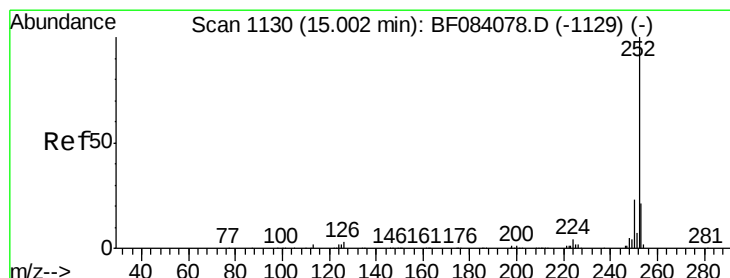
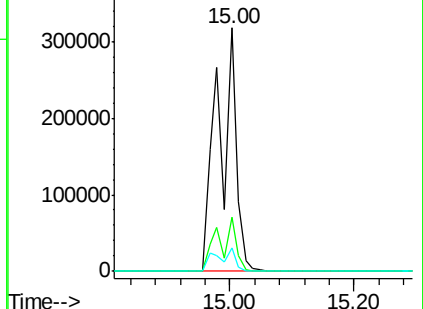
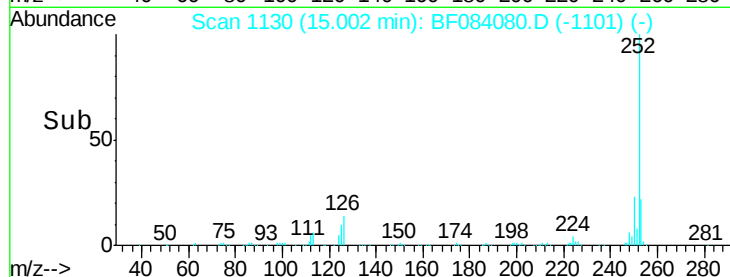
125 9.7 6.5 9.7#



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



#88

Benzo(k)fluoranthene

Concen: 128.62 ng

RT: 15.00 min Scan# 1130

Delta R.T. 0.00 min

Lab File: BF084080.D

Acq: 24 Dec 2015 15:32

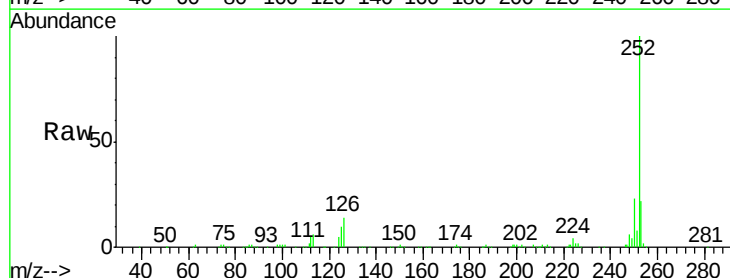
Tgt Ion:252 Resp: 645852

Ion Ratio Lower Upper

252 100

253 22.0 18.1 27.1

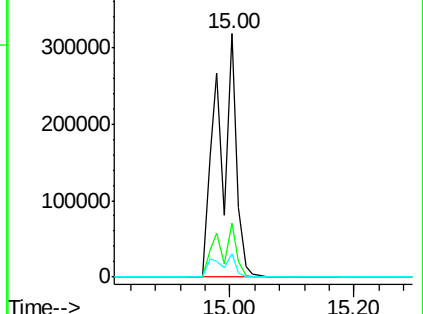
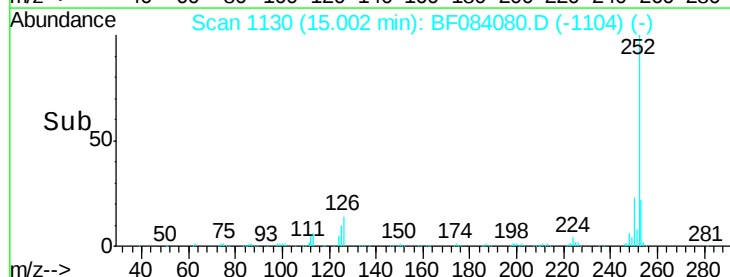
125 9.7 9.0 13.6

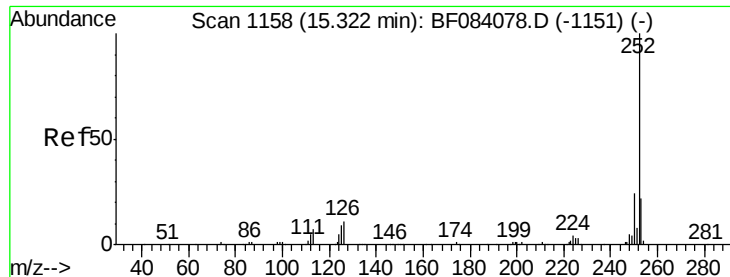


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 54.62 ng

RT: 15.32 min Scan# 1158

Delta R.T. 0.00 min

Lab File: BF084080.D

Acq: 24 Dec 2015 15:32

Instrument :

BNA_F

ClientSampleId :

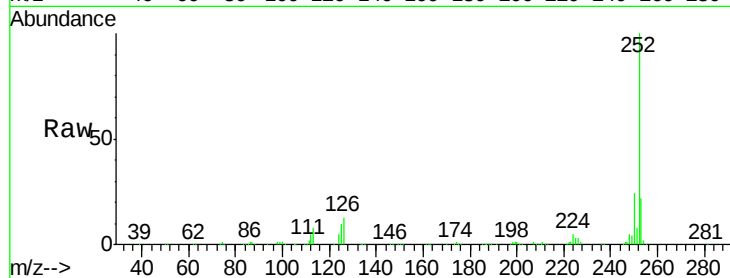
Tot Ion:252 Resp: 309625

Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

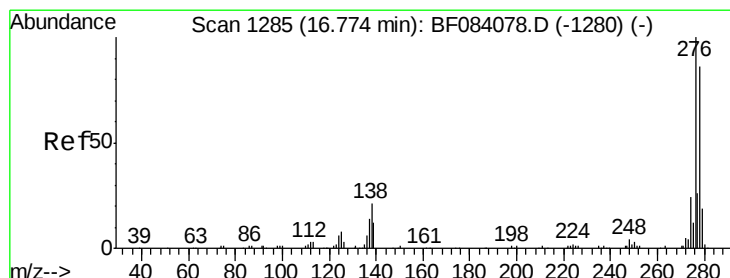
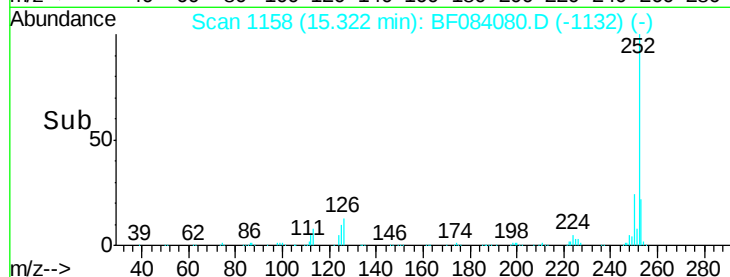
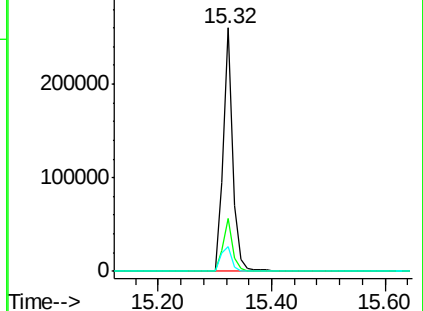
125 10.1 7.0 10.4



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: 62.15 ng

RT: 16.77 min Scan# 1285

Delta R.T. 0.00 min

Lab File: BF084080.D

Acq: 24 Dec 2015 15:32

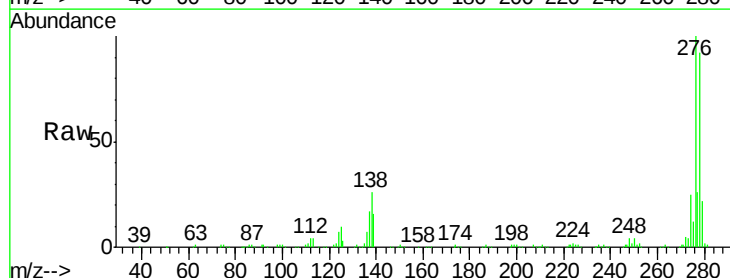
Tgt Ion:278 Resp: 333260

Ion Ratio Lower Upper

278 100

139 17.0 15.0 22.4

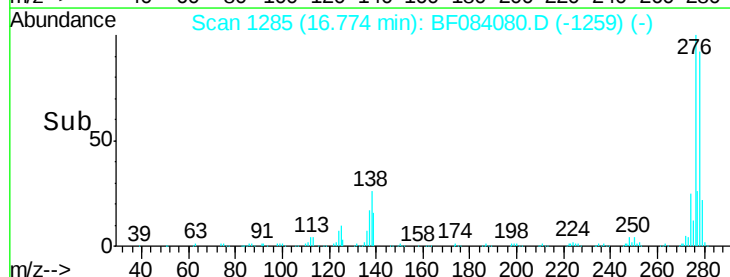
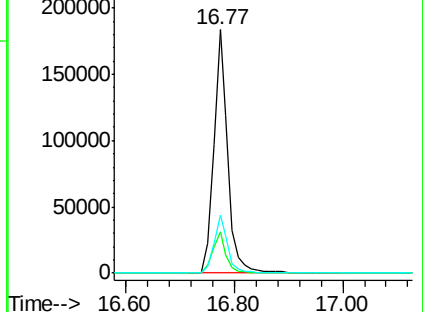
279 23.7 18.9 28.3

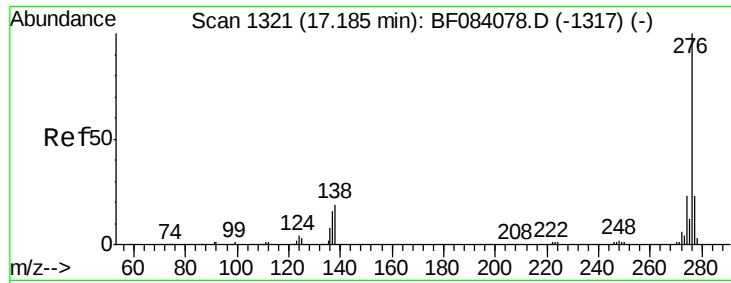


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

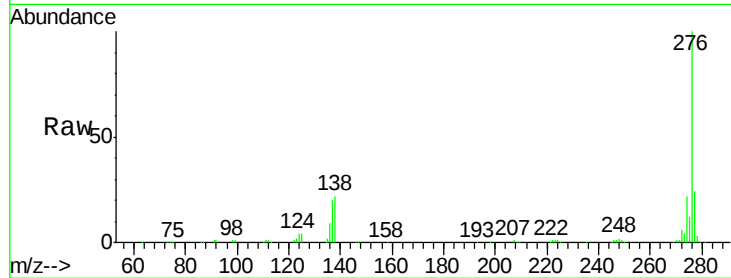




#91
 Benzo(a,h,i)perylene
 Concen: 63.18 ng
 RT: 17.19 min Scan# 1321
 Delta R.T. 0.00 min
 Lab File: BF084080.D
 Acq: 24 Dec 2015 15:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 344584
 Ion Ratio Lower Upper
 276 100
 277 23.9 18.8 28.2
 138 22.4 17.8 26.6



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

