

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111815\
 Data File : BF083010.D
 Acq On : 18 Nov 2015 15:07
 Operator : UM/IZ
 Sample : PB86689BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86689BS

Quant Time: Nov 19 01:44:32 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 18 13:32:32 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	148958	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	568465	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	286153	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	562262	20.00	ng	0.00
75) Chrysene-d12	13.88	240	593819	20.00	ng	-0.01
86) Perylene-d12	15.27	264	514828	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1148480	119.96	ng	0.01
7) Phenol-d6	6.38	99	1356034	106.55	ng	-0.01
23) Nitrobenzene-d5	7.30	82	894515	68.47	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	336575	102.58	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1560606	78.17	ng	0.00
78) Terphenyl-d14	12.83	244	1471576	58.78	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.32	88	170716	41.33	ng	95
3) Pyridine	2.99	79	480055	40.05	ng	96
4) n-Nitrosodimethylamine	2.93	42	216654	36.44	ng	# 76
6) Aniline	6.40	93	353388	19.78	ng	# 1
8) 2-Chlorophenol	6.52	128	417395	39.33	ng	95
9) Benzaldehyde	6.27	77	334875	47.63	ng	91
10) Phenol	6.40	94	429068	29.71	ng	84
11) bis(2-Chloroethyl)ether	6.48	93	419457	38.84	ng	# 82
12) 1,3-Dichlorobenzene	6.90	146	377404	31.53	ng	96
13) 1,4-Dichlorobenzene	6.75	146	460963	37.02	ng	93
14) 1,2-Dichlorobenzene	6.90	146	377696	33.35	ng	96
15) Benzyl Alcohol	6.89	79	394092	35.26	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.02	45	663676	41.90	ng	96
17) 2-Methylphenol	7.00	107	317575	35.33	ng	98
18) Hexachloroethane	7.24	117	152317	34.20	ng	96
19) n-Nitroso-di-n-propylamine	7.15	70	322447	34.46	ng	90
20) 3+4-Methylphenols	7.16	107	429242	36.73	ng	# 62
22) Acetophenone	7.15	105	580384	35.63	ng	96
24) Nitrobenzene	7.32	77	465959	34.88	ng	92
25) Isophorone	7.56	82	852894	35.28	ng	98
26) 2-Nitrophenol	7.63	139	201612	36.15	ng	# 80
27) 2,4-Dimethylphenol	7.69	122	342292	34.16	ng	96
28) bis(2-Chloroethoxy)methane	7.78	93	540372	39.63	ng	99
29) 2,4-Dichlorophenol	7.88	162	328641	36.29	ng	87
30) 1,2,4-Trichlorobenzene	7.96	180	351707	34.53	ng	97
31) Naphthalene	8.04	128	1152882	36.76	ng	99
32) Benzoic acid	7.81	122	215283	31.38	ng	87
33) 4-Chloroaniline	8.09	127	121940	9.02	ng	94
34) Hexachlorobutadiene	8.17	225	222115	34.85	ng	99
35) Caprolactam	8.50	113	35506	12.44	ng	# 88
36) 4-Chloro-3-methylphenol	8.59	107	365181	34.29	ng	91
37) 2-Methylnaphthalene	8.83	142	658677	32.46	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	317122	33.72	ng	98
40) Hexachlorocyclopentadiene	8.90	237	372816	73.80	ng	97

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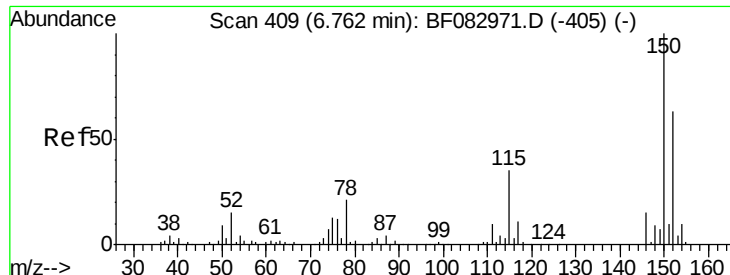
Instrument :
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Quant Time: Nov 19 01:44:32 2015
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	9.01	196	241590	34.42	nq	97
43) 2,4,5-Trichlorophenol	9.06	196	273796	39.44	nq #	88
45) 1,1'-Biphenyl	9.20	154	894402	36.43	nq	95
46) 2-Chloronaphthalene	9.22	162	725782	37.89	nq	98
47) 2-Nitroaniline	9.31	65	241728	34.02	nq	91
48) Acenaphthylene	9.63	152	1084584	36.13	nq	99
49) Dimethylphthalate	9.50	163	853195	36.39	nq	99
50) 2,6-Dinitrotoluene	9.56	165	200946	40.17	nq #	86
51) Acenaphthene	9.80	154	776213	40.80	nq	99
52) 3-Nitroaniline	9.72	138	79263	14.41	nq	87
53) 2,4-Dinitrophenol	9.84	184	216475	78.82	nq #	17
54) Dibenzofuran	9.97	168	958239	37.36	nq	94
55) 4-Nitrophenol	9.90	139	282385	66.91	nq #	80
56) 2,4-Dinitrotoluene	9.96	165	246257	36.28	nq	98
57) Fluorene	10.32	166	746464	35.94	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.10	232	220514	38.92	nq #	91
59) Diethylphthalate	10.20	149	830615	36.29	nq	98
60) 4-Chlorophenyl-phenylether	10.32	204	410344	39.48	nq	98
61) 4-Nitroaniline	10.34	138	170678	30.85	nq #	83
62) Azobenzene	10.48	77	1025996	41.73	nq	96
64) 4,6-Dinitro-2-methylphenol	10.37	198	154835	38.65	nq	97
65) n-Nitrosodiphenylamine	10.43	169	659634	32.47	nq	98
66) 4-Bromophenyl-phenylether	10.80	248	223279	32.98	nq #	70
67) Hexachlorobenzene	10.86	284	249191	32.96	nq #	81
68) Atrazine	10.97	200	261780	41.68	nq	96
69) Pentachlorophenol	11.06	266	273287	59.53	nq	98
70) Phenanthrene	11.28	178	1278671	39.16	nq	98
71) Anthracene	11.32	178	1147201	33.35	nq	98
72) Carbazole	11.48	167	1105227	36.71	nq	97
73) Di-n-butylphthalate	11.82	149	1424311	37.97	nq	98
74) Fluoranthene	12.45	202	1159627	33.10	nq	98
76) Benzidine	12.58	184	599304	30.11	nq	99
77) Pyrene	12.68	202	1249342	30.64	nq	98
79) Butylbenzylphthalate	13.31	149	556243	30.88	nq	96
80) Benzo(a)anthracene	13.87	228	1493462	40.22	nq	99
81) 3,3'-Dichlorobenzidine	13.84	252	249522	18.90	nq #	97
82) Chrysene	13.91	228	1141305	33.56	nq	99
83) Bis(2-ethylhexyl)phthalate	13.88	149	1056173	42.83	nq	99
84) Di-n-octyl phthalate	14.50	149	1822590	44.31	nq	95
85) Indeno(1,2,3-cd)pyrene	16.59	276	1106619	37.78	nq #	94
87) Benzo(b)fluoranthene	14.89	252	2337811	70.74	nq #	98
88) Benzo(k)fluoranthene	14.89	252	2338268	79.76	nq #	97
89) Benzo(a)pyrene	15.22	252	1103985	38.56	nq	98
90) Dibenzo(a,h)anthracene	16.60	278	935783	38.60	nq #	96
91) Benzo(g,h,i)perylene	16.98	276	934774	40.25	nq #	93

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.01 min

Lab File: BF083010.D

Acq: 18 Nov 2015 15:07

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BNA_F

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PB86689BS

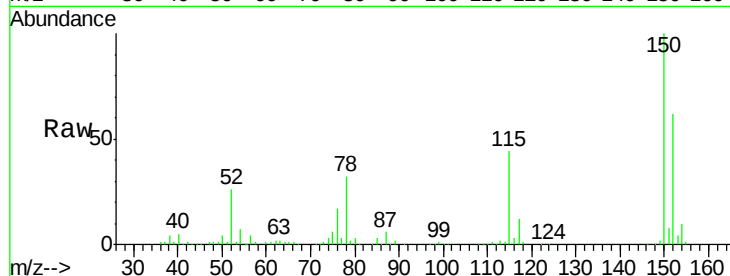
Tot Ion:152 Resp: 148958

Ion Ratio Lower Upper

152 100

150 161.3 127.0 190.4

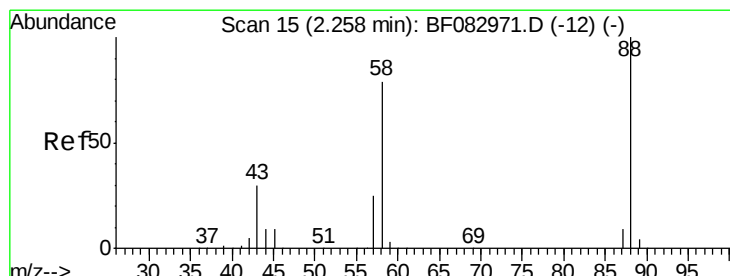
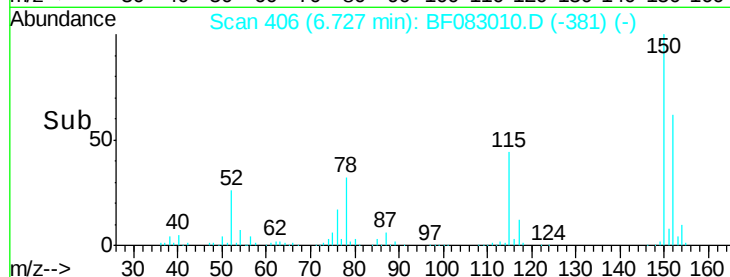
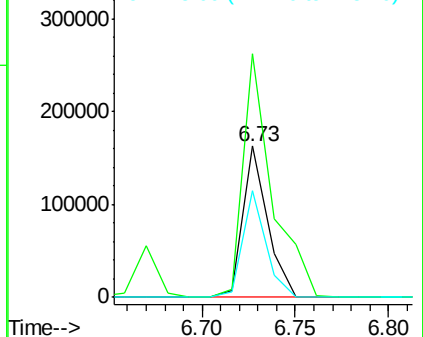
115 70.8 47.0 70.6#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 41.33 ng

RT: 2.32 min Scan# 20

Delta R.T. 0.08 min

Lab File: BF083010.D

Acq: 18 Nov 2015 15:07

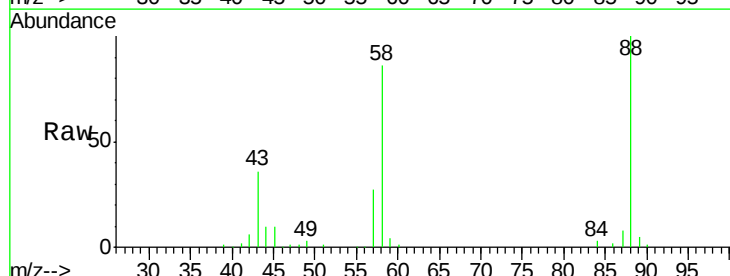
Tgt Ion: 88 Resp: 170716

Ion Ratio Lower Upper

88 100

58 82.2 62.0 93.0

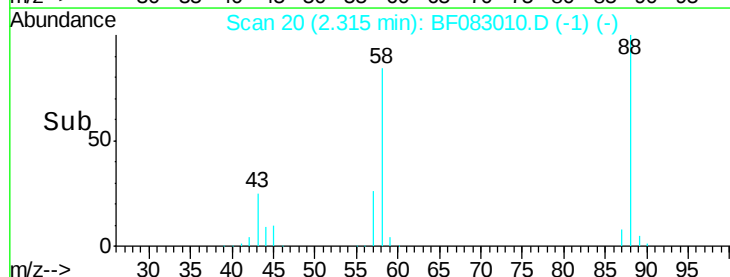
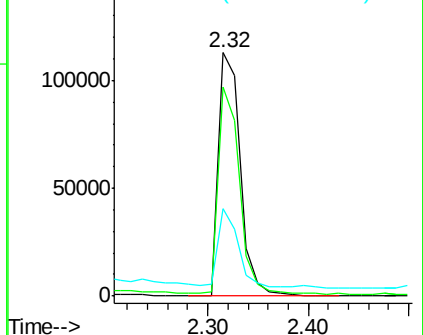
43 31.5 26.6 40.0

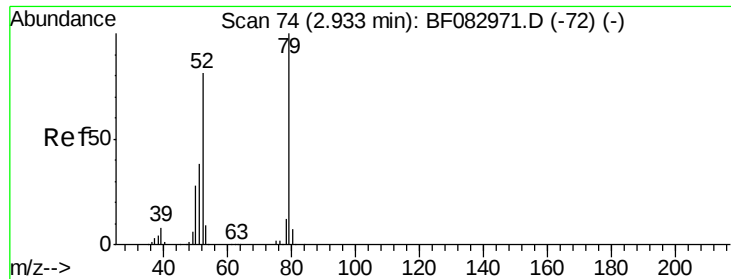


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

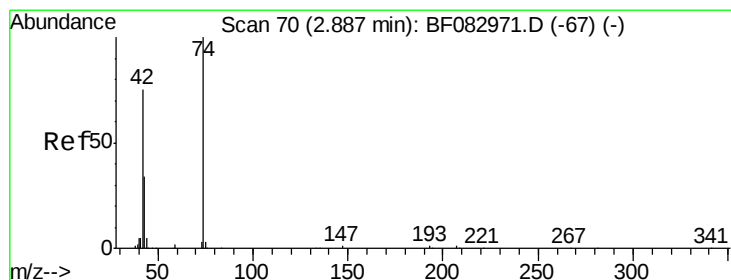
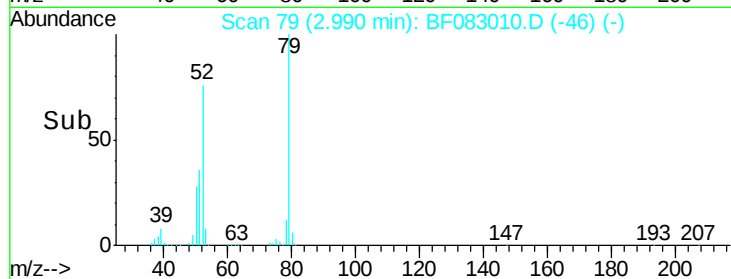
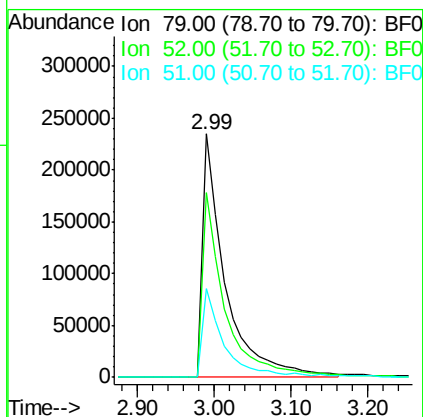
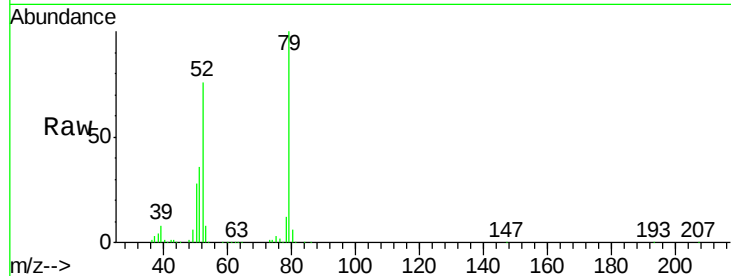




#3
 Pvridine
 Concen: 40.05 ng
 RT: 2.99 min Scan# 79
 Delta R.T. 0.08 min
 Lab File: BF083010.D
 Acq: 18 Nov 2015 15:07

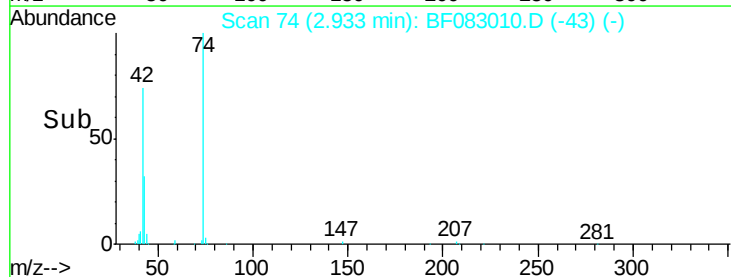
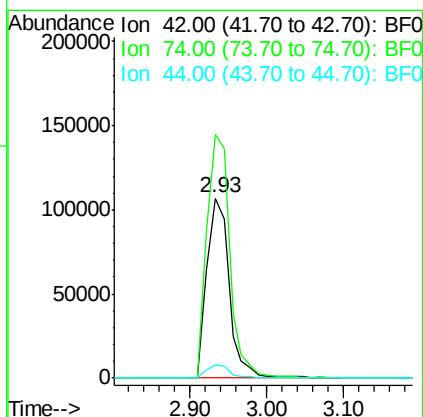
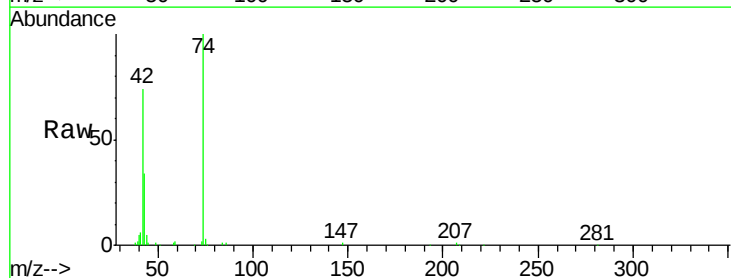
Instrument :
 BNA_F
 ClientSampleId :
 PB86689BS

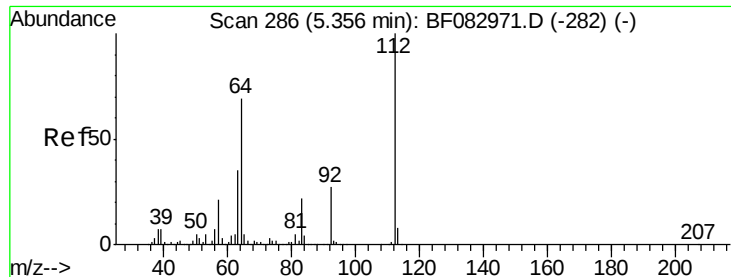
Tot Ion: 79 Resp: 480055
 Ion Ratio Lower Upper
 79 100
 52 75.8 62.8 94.2
 51 36.4 32.0 48.0



#4
 n-Nitrosodimethylamine
 Concen: 36.44 ng
 RT: 2.93 min Scan# 74
 Delta R.T. 0.06 min
 Lab File: BF083010.D
 Acq: 18 Nov 2015 15:07

Tgt Ion: 42 Resp: 216654
 Ion Ratio Lower Upper
 42 100
 74 135.3 87.0 130.4#
 44 7.2 5.8 8.8





#5

2-Fluorophenol

Concen: 119.96 ng

RT: 5.34 min Scan# 285

Delta R.T. 0.01 min

Lab File: BF083010.D

Acq: 18 Nov 2015 15:07

Instrument :

BNA_F

ClientSampleId :

PB86689BS

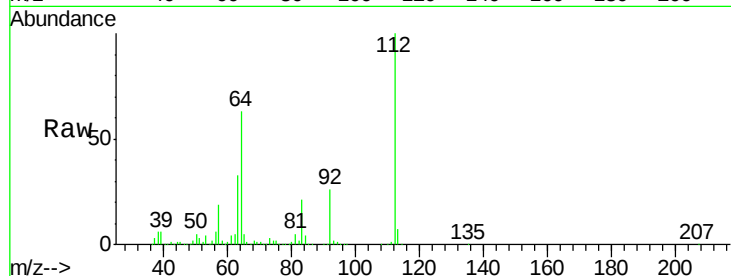
Tot Ion:112 Resp: 1148480

Ion Ratio Lower Upper

112 100

64 62.9 48.9 73.3

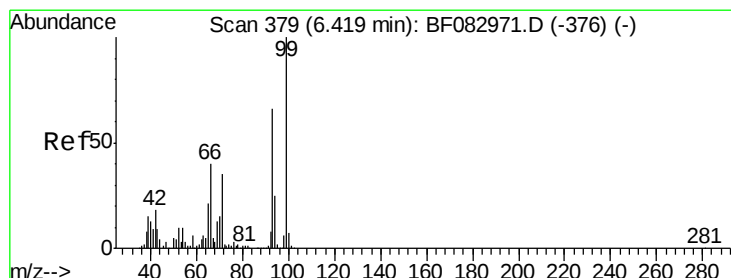
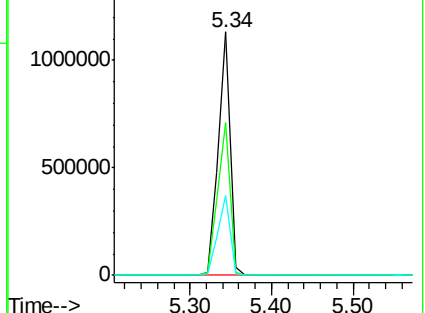
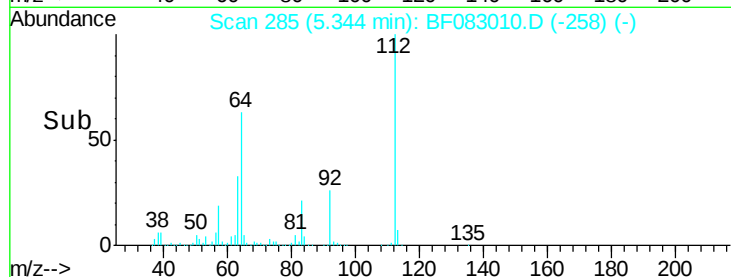
63 32.6 28.1 42.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 19.78 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.00 min

Lab File: BF083010.D

Acq: 18 Nov 2015 15:07

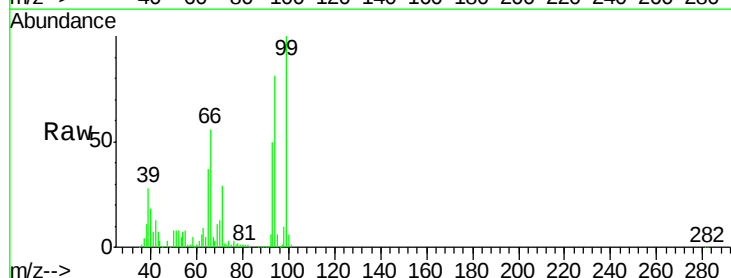
Tgt Ion: 93 Resp: 353388

Ion Ratio Lower Upper

93 100

66 111.8 33.6 50.4#

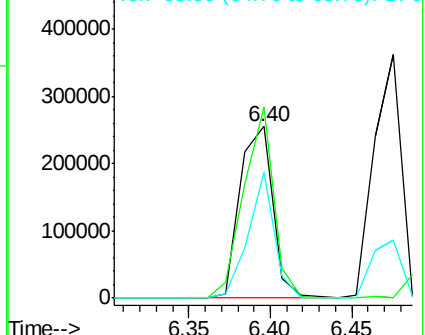
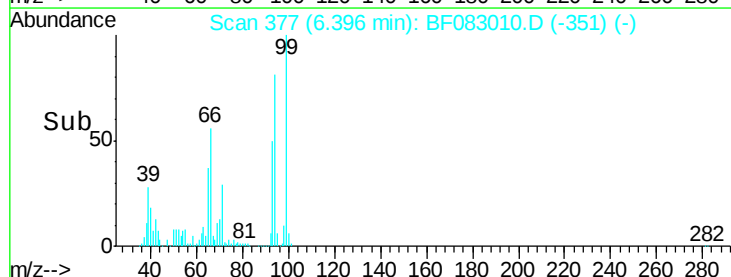
65 73.3 18.1 27.1#

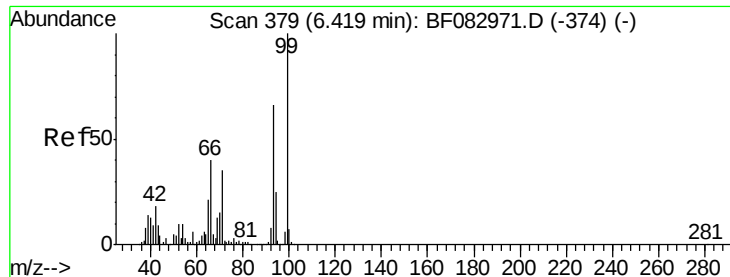


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 106.55 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.01 min

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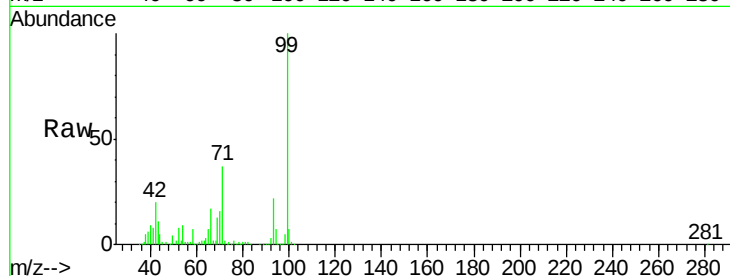
Tot Ion: 99 Resp: 1356034

Ion Ratio Lower Upper

99 100

42 20.0 19.2 28.8

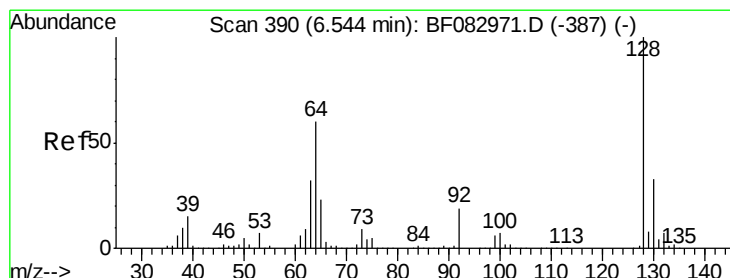
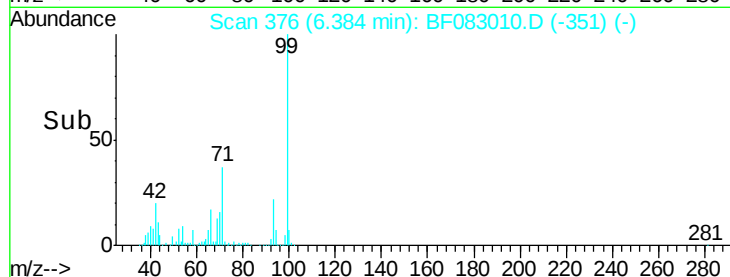
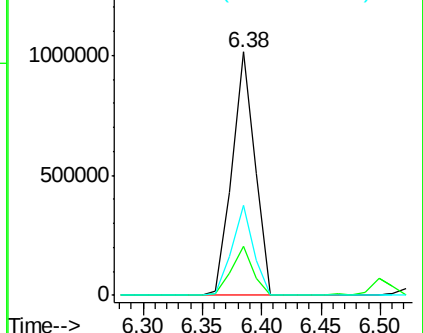
71 36.7 35.0 52.4



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.33 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.00 min

Lab File: BF083010.D

Acq: 18 Nov 2015 15:07

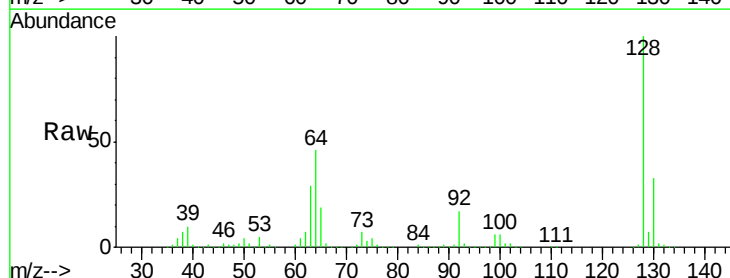
Tgt Ion:128 Resp: 417395

Ion Ratio Lower Upper

128 100

130 33.3 13.5 53.5

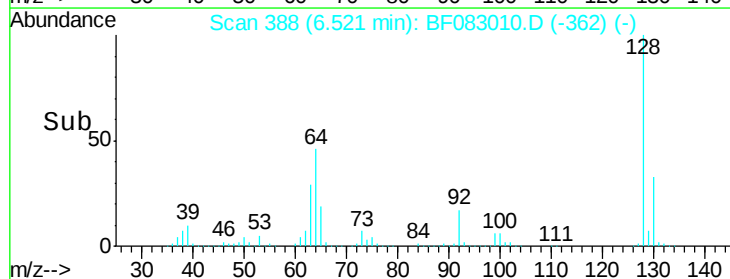
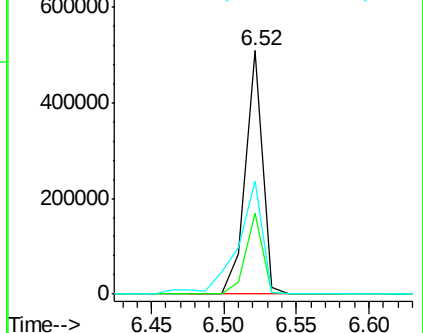
64 46.2 21.1 61.1

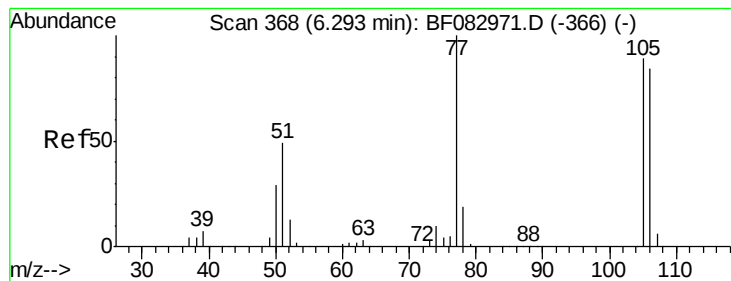


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 47.63 ng

RT: 6.27 min Scan# 366

Delta R.T. -0.00 min

Lab File: BF083010.D

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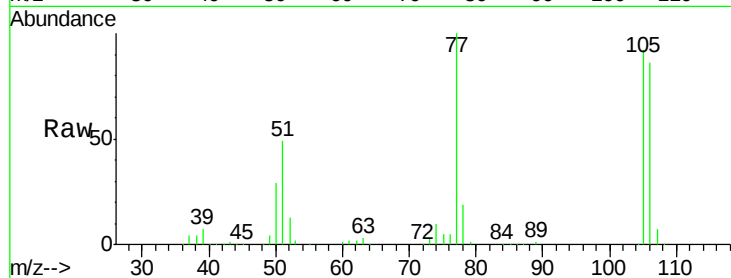
Tot Ion: 77 Resp: 334875

Ion Ratio Lower Upper

77 100

105 92.1 63.5 103.5

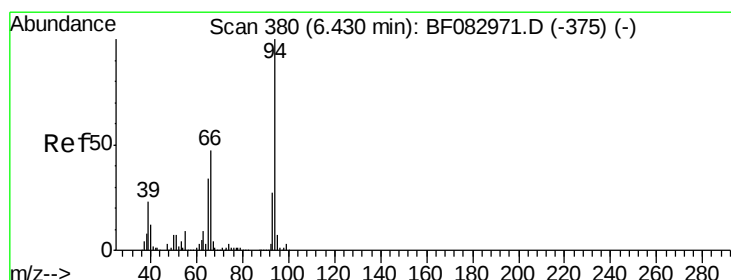
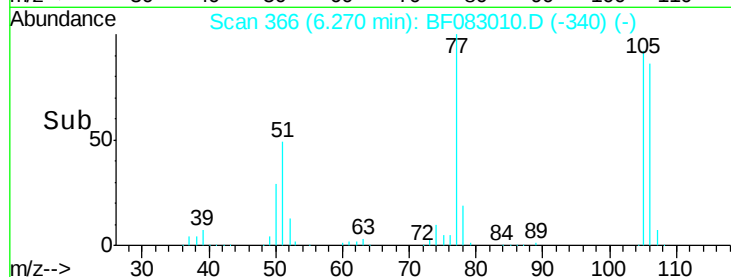
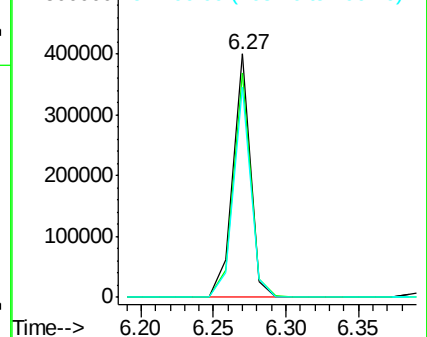
106 86.5 59.3 99.3



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 29.71 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF083010.D

Acq: 18 Nov 2015 15:07

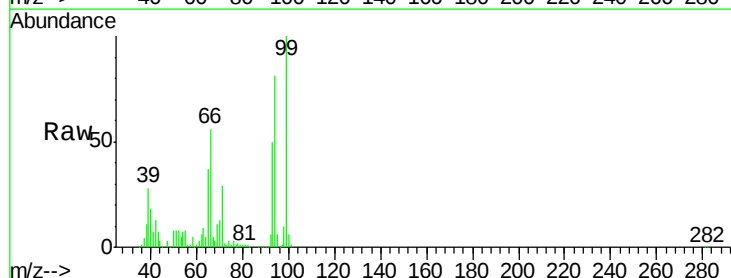
Tgt Ion: 94 Resp: 429068

Ion Ratio Lower Upper

94 100

65 45.5 18.9 58.9

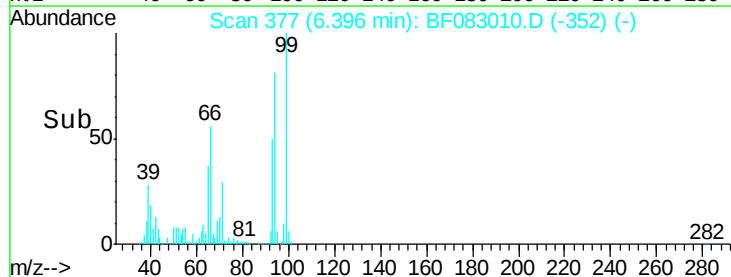
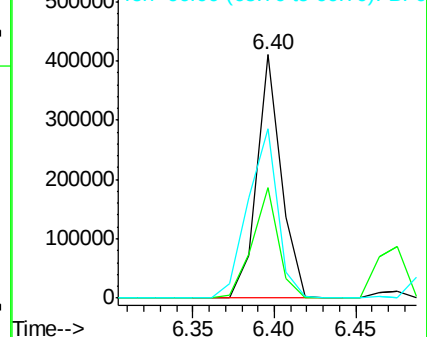
66 69.4 34.9 74.9

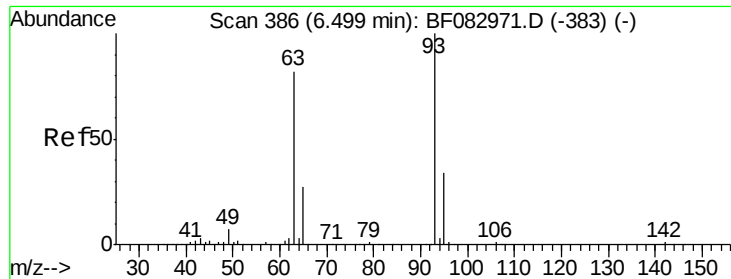


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

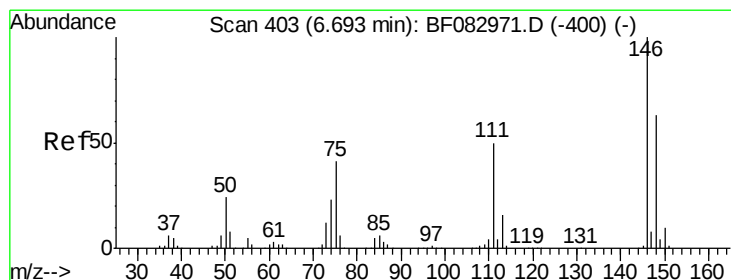
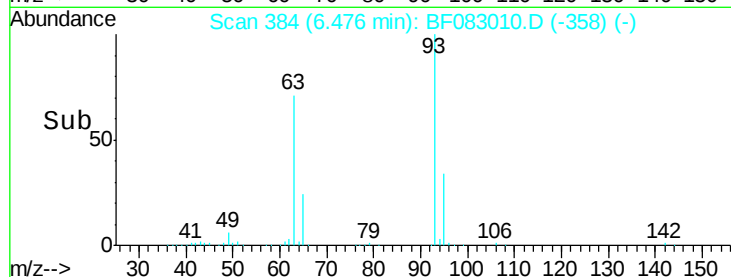
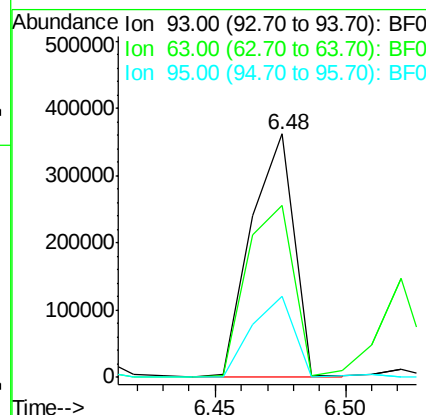
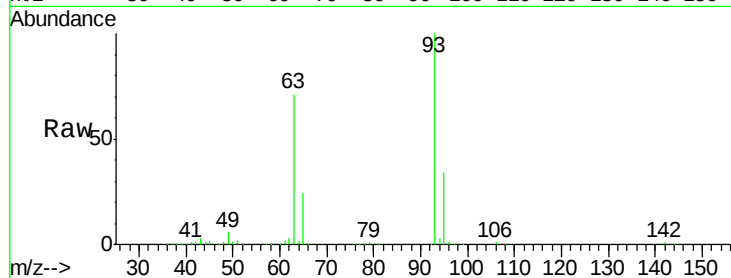




#11
 bis(2-Chloroethyl)ether
 Concen: 38.84 ng
 RT: 6.48 min Scan# 384
 Delta R.T. -0.00 min
 Lab File: BF083010.D
 Acq: 18 Nov 2015 15:07

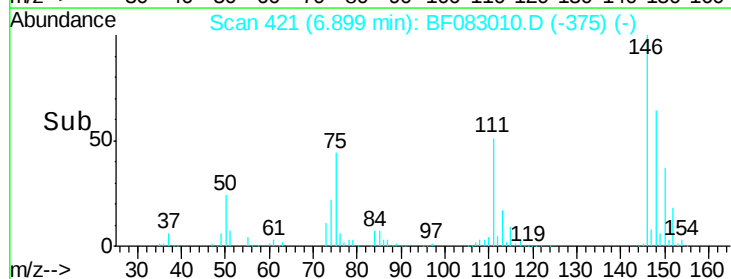
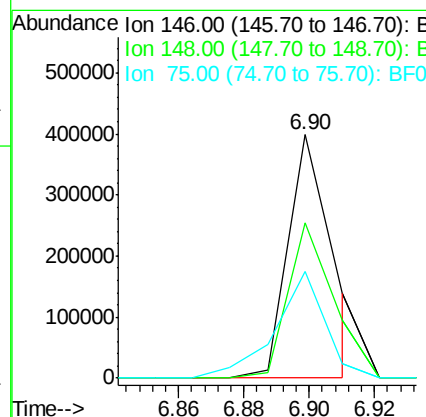
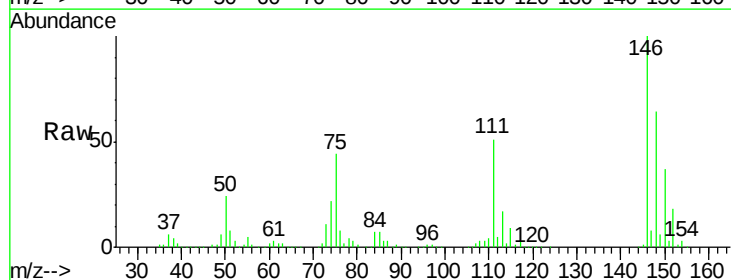
Instrument :
 BNA_F
 ClientSampleId :
 PB86689BS

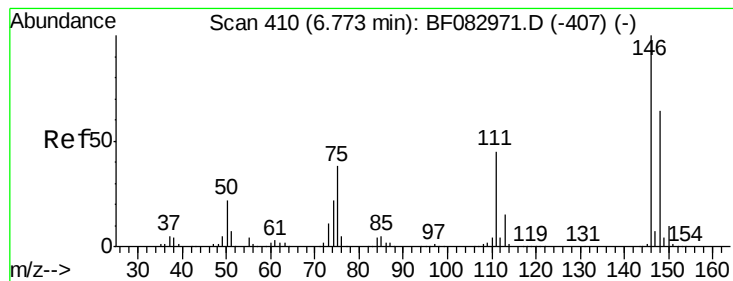
Tot Ion: 93 Resp: 419457
 Ion Ratio Lower Upper
 93 100
 63 70.8 72.7 112.7#
 95 33.6 12.0 52.0



#12
 1,3-Dichlorobenzene
 Concen: 31.53 ng
 RT: 6.90 min Scan# 421
 Delta R.T. 0.23 min
 Lab File: BF083010.D
 Acq: 18 Nov 2015 15:07

Tgt Ion: 146 Resp: 377404
 Ion Ratio Lower Upper
 146 100
 148 63.8 50.5 75.7
 75 43.6 39.5 59.3





#13

1,4-Dichlorobenzene

Concen: 37.02 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF083010.D

Acq: 18 Nov 2015 15:07

Instrument :

BNA_F

ClientSampleId :

PB86689BS

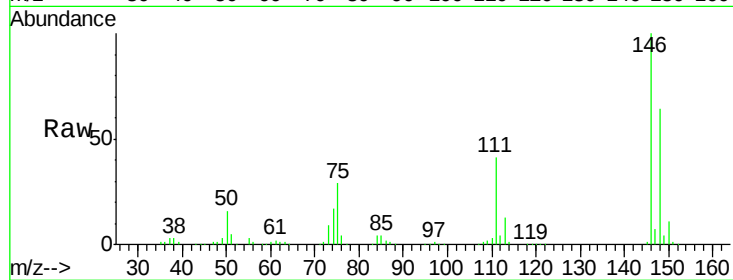
Tot Ion:146 Resp: 460963

Ion Ratio Lower Upper

146 100

148 64.2 50.8 76.2

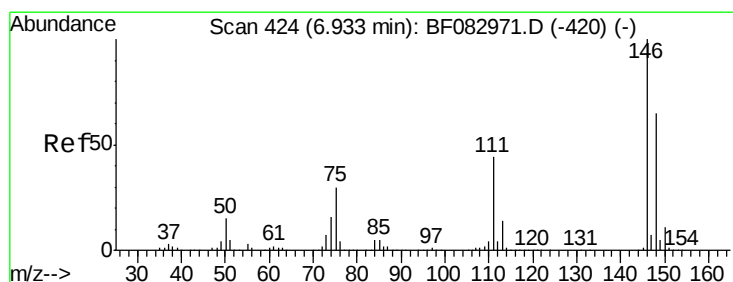
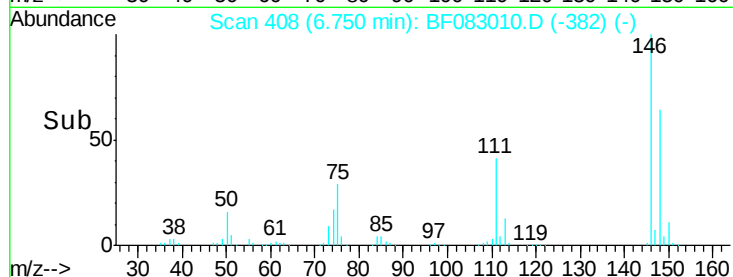
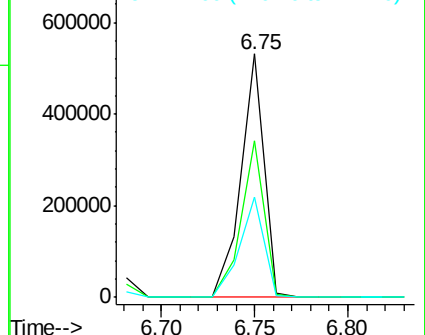
111 41.1 40.6 60.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 33.35 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.01 min

Lab File: BF083010.D

Acq: 18 Nov 2015 15:07

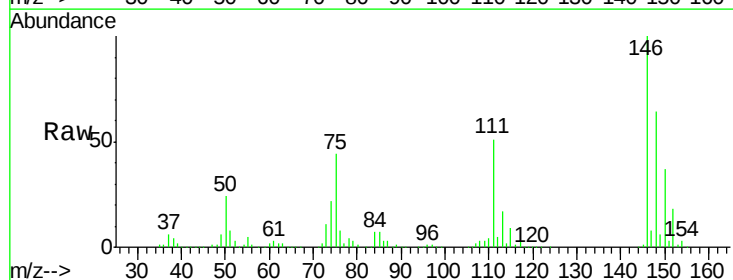
Tgt Ion:146 Resp: 377696

Ion Ratio Lower Upper

146 100

148 63.8 52.2 78.4

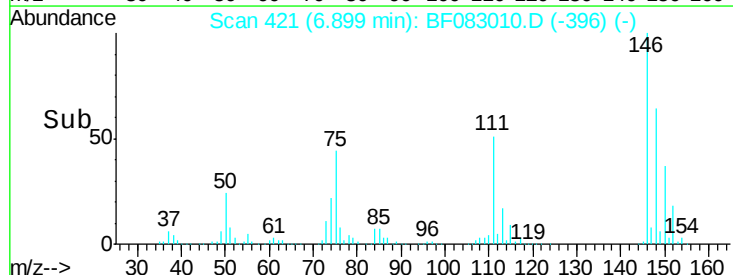
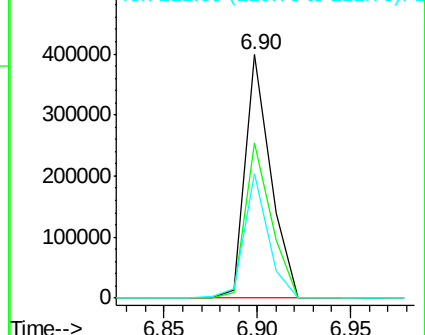
111 51.2 36.6 55.0

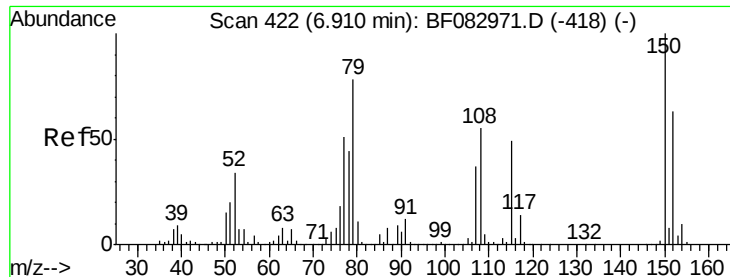


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

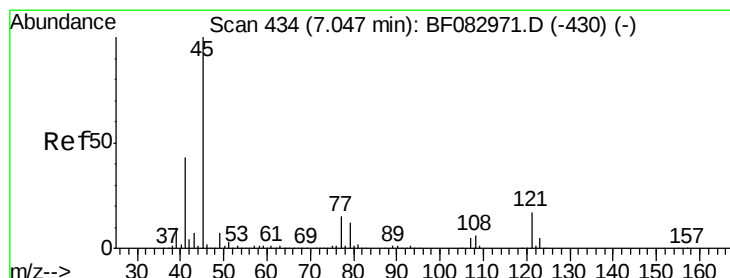
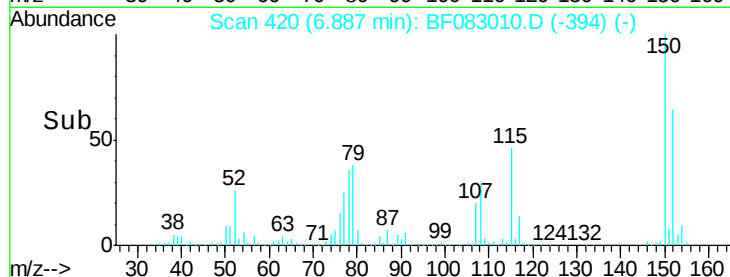
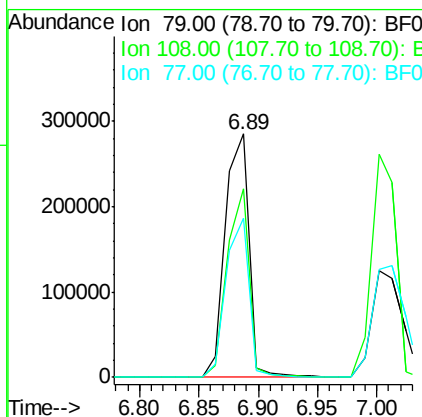
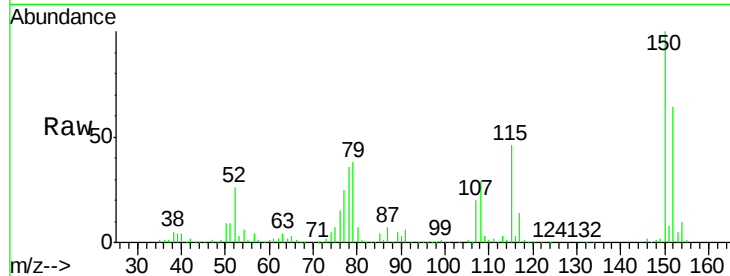




#15
Benzyl Alcohol
Concen: 35.26 ng
RT: 6.89 min Scan# 420
Delta R.T. -0.00 min
Lab File: BF083010.D
Acq: 18 Nov 2015 15:07

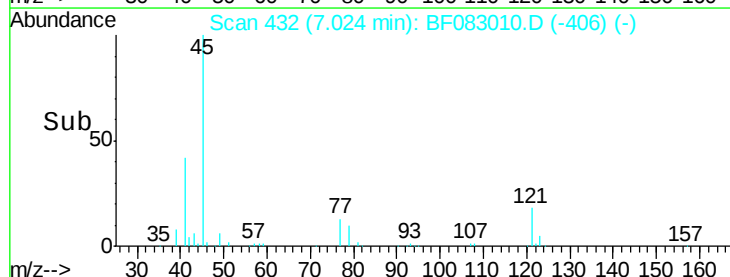
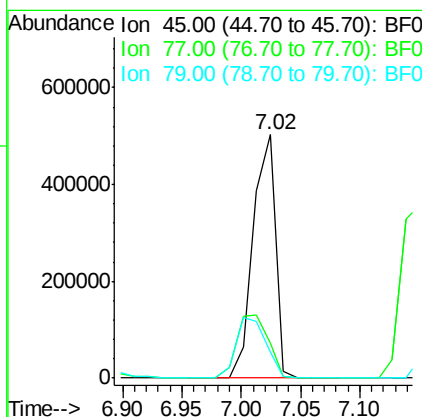
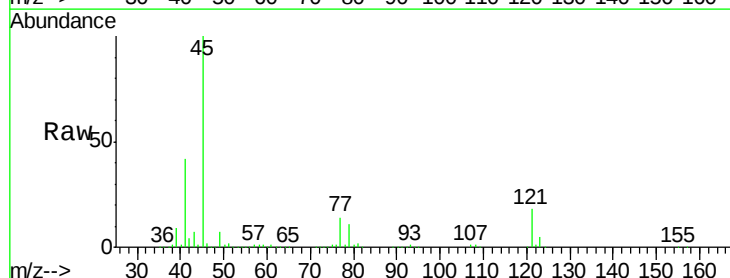
Instrument :
BNA_F
ClientSampleId :
PB86689BS

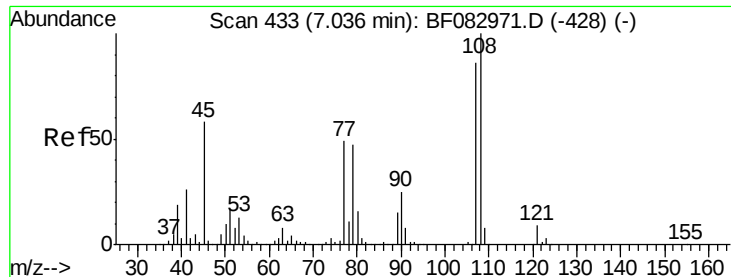
Tot Ion: 79 Resp: 394092
Ion Ratio Lower Upper
79 100
108 77.2 52.2 78.4
77 65.1 52.7 79.1



#16
2,2'-oxybis(1-chloropropane)
Concen: 41.90 ng
RT: 7.02 min Scan# 432
Delta R.T. -0.00 min
Lab File: BF083010.D
Acq: 18 Nov 2015 15:07

Tgt Ion: 45 Resp: 663676
Ion Ratio Lower Upper
45 100
77 14.2 0.0 32.6
79 10.8 0.0 29.2

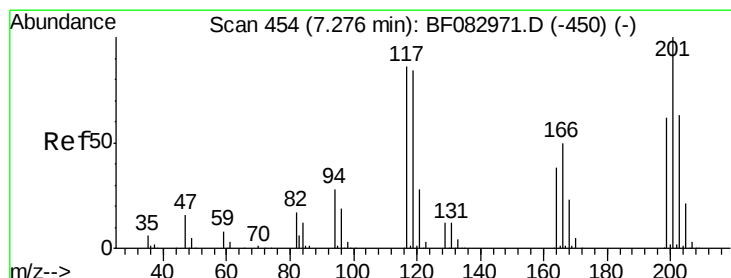
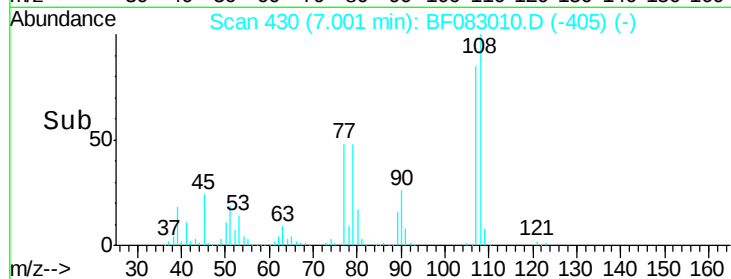
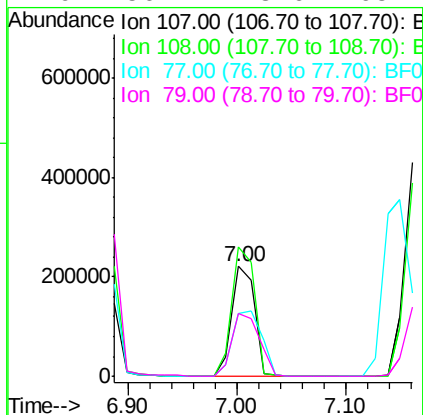
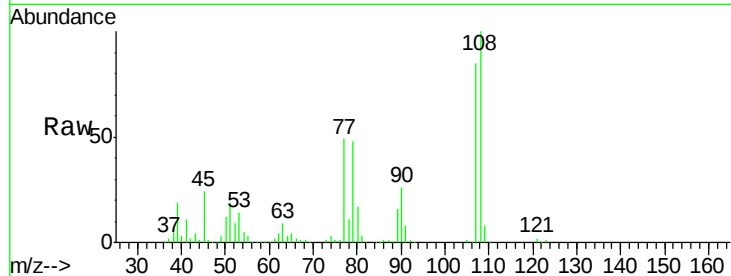




#17
2-Methylphenol
Concen: 35.33 ng
RT: 7.00 min Scan# 430
Delta R.T. -0.01 min
Lab File: BF083010.D
Acq: 18 Nov 2015 15:07

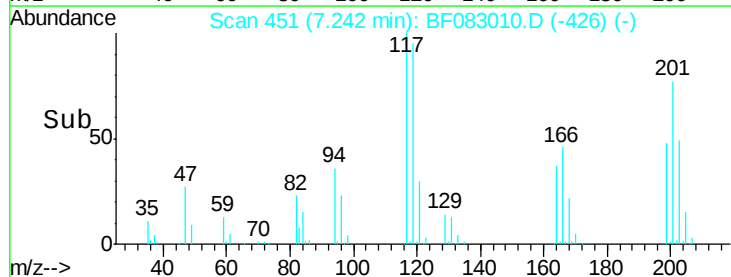
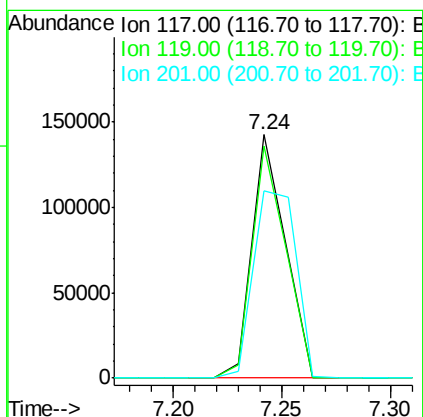
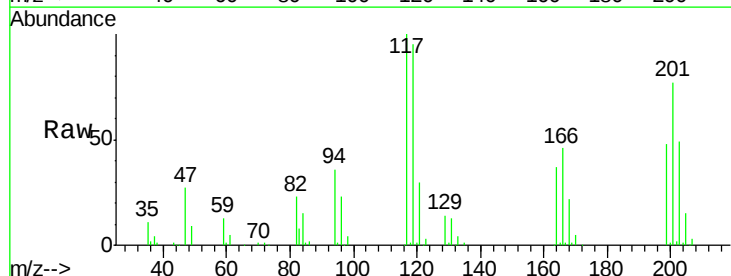
Instrument :
BNA_F
ClientSampleId :
PB86689BS

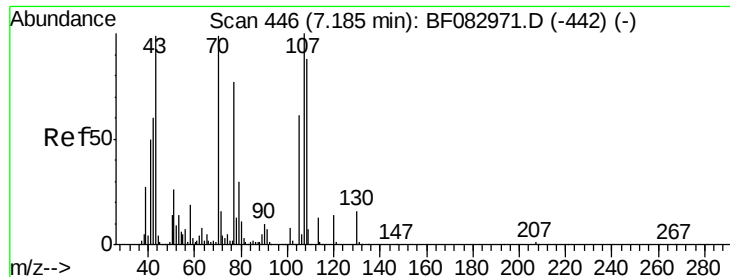
Tot Ion:	107	Resp:	317575
Ion	Ratio	Lower	Upper
107	100		
108	118.0	93.0	139.4
77	57.3	44.1	66.1
79	56.7	43.6	65.4



#18
Hexachloroethane
Concen: 34.20 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.01 min
Lab File: BF083010.D
Acq: 18 Nov 2015 15:07

Tgt Ion:	117	Resp:	152317
Ion	Ratio	Lower	Upper
117	100		
119	95.4	77.7	116.5
201	76.9	66.7	100.1

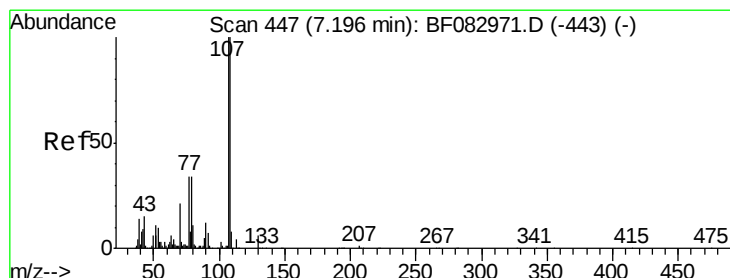
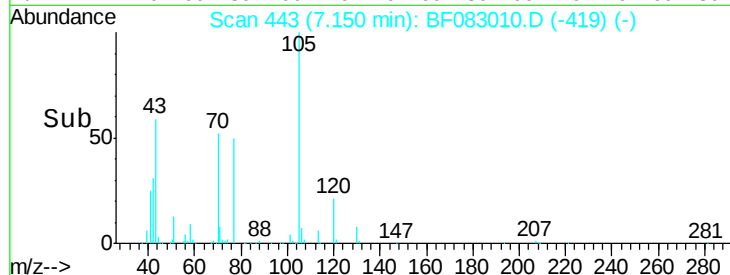
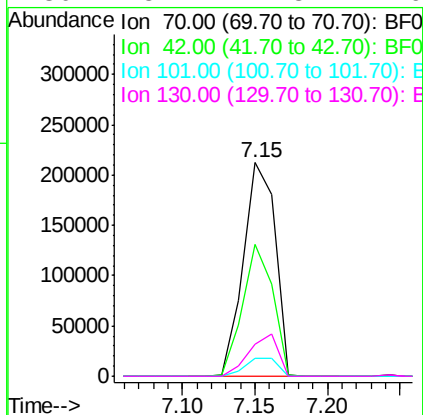
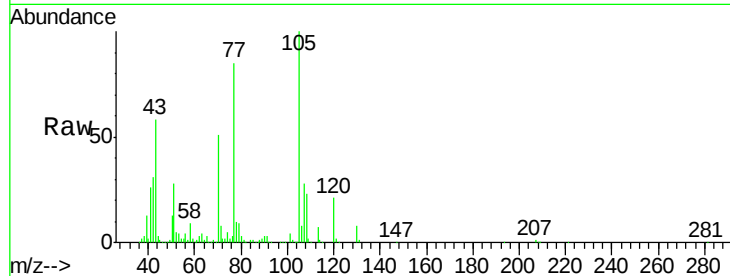




#19
n-Nitroso-di-n-propylamine
Concen: 34.46 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.02 min
Lab File: BF083010.D
Acq: 18 Nov 2015 15:07

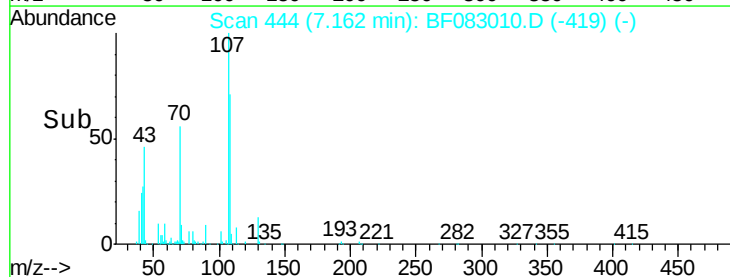
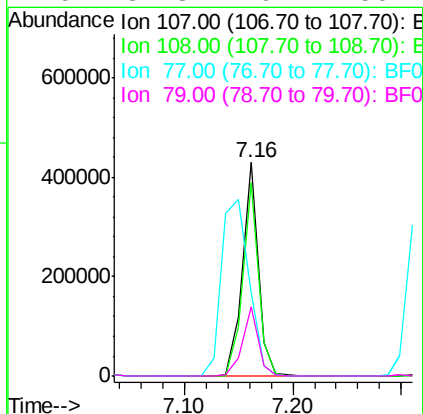
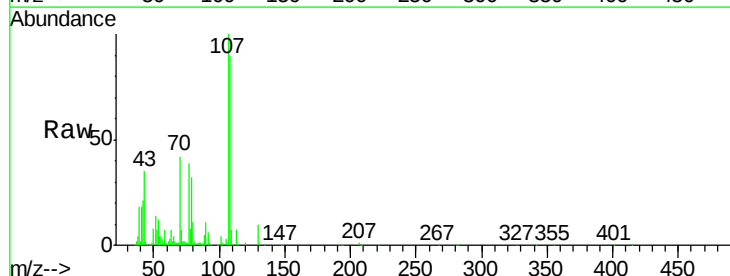
Instrument :
BNA_F
ClientSampleId :
PB86689BS

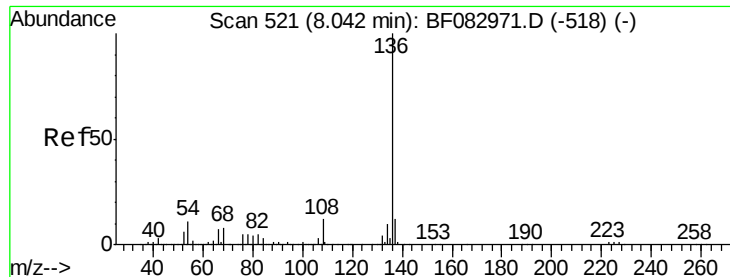
Tot Ion: 70 Resp: 322447
Ion Ratio Lower Upper
70 100
42 61.5 57.7 86.5
101 8.3 7.0 10.6
130 15.1 11.8 17.6



#20
3+4-Methylphenols
Concen: 36.73 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF083010.D
Acq: 18 Nov 2015 15:07

Tgt Ion:107 Resp: 429242
Ion Ratio Lower Upper
107 100
108 90.5 67.3 107.3
77 39.0 100.3 140.3#
79 32.3 16.2 56.2

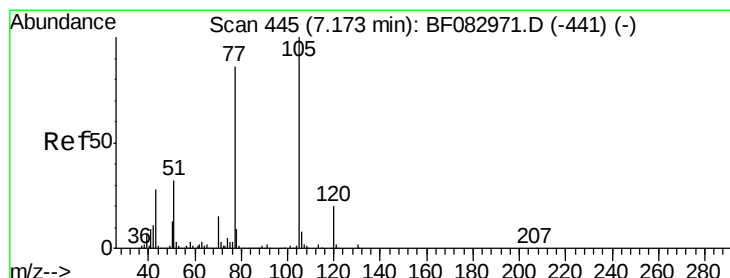
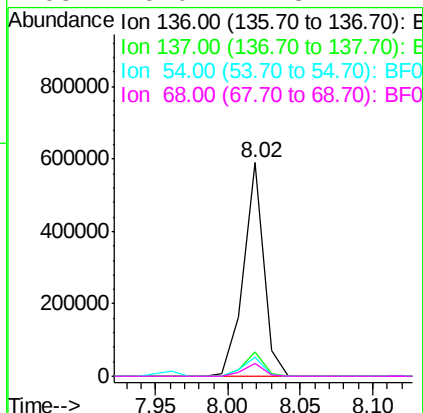
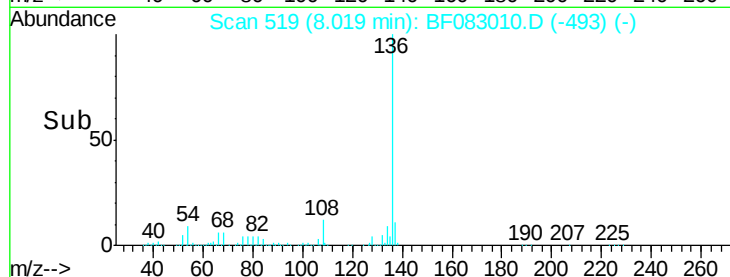
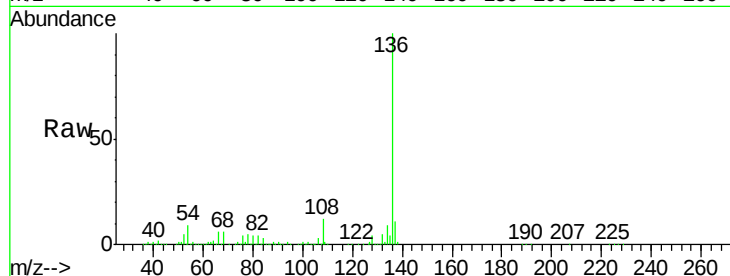




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.00 min
Lab File: BF083010.D
Acq: 18 Nov 2015 15:07

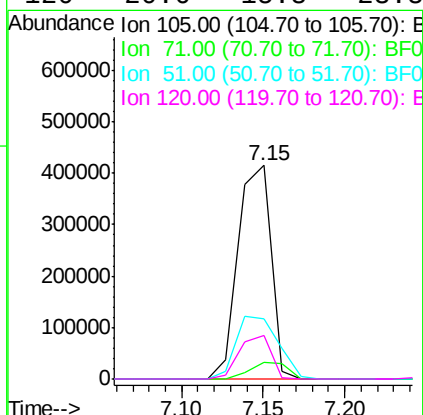
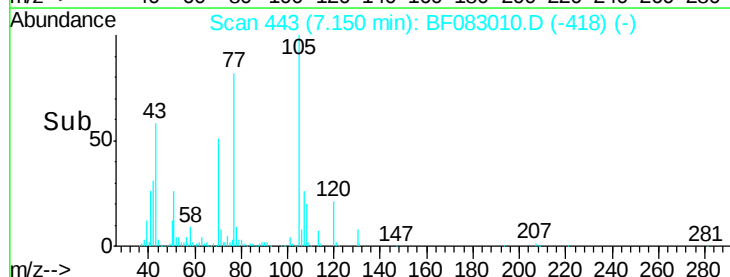
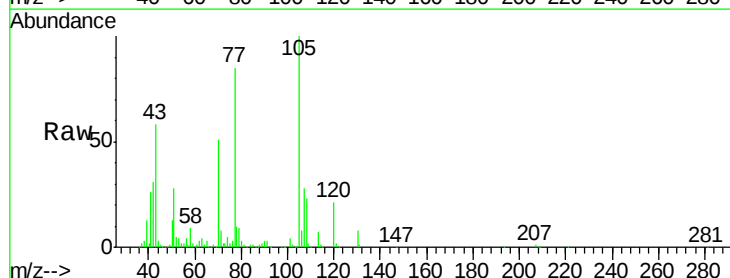
Instrument :
BNA_F
ClientSampleId :
PB86689BS

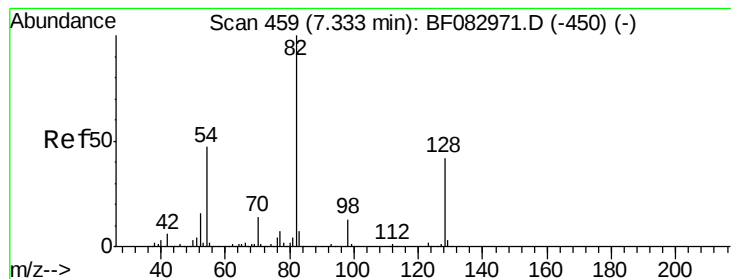
Tot Ion:136	Resp:	568465
Ion Ratio	Lower	Upper
136	100	
137	11.3	9.1 13.7
54	9.2	9.1 13.7
68	6.0	4.8 7.2



#22
Acetophenone
Concen: 35.63 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.01 min
Lab File: BF083010.D
Acq: 18 Nov 2015 15:07

Tgt Ion:105	Resp:	580384
Ion Ratio	Lower	Upper
105	100	
71	8.1	5.6 8.4
51	28.3	24.9 37.3
120	20.6	15.8 23.8





#23

Nitrobenzene-d5

Concen: 68.47 ng

RT: 7.30 min Scan# 456

Delta R.T. -0.01 min

Lab File: BF083010.D

Acq: 18 Nov 2015 15:07

Instrument :

BNA_F

ClientSampleId :

PB86689BS

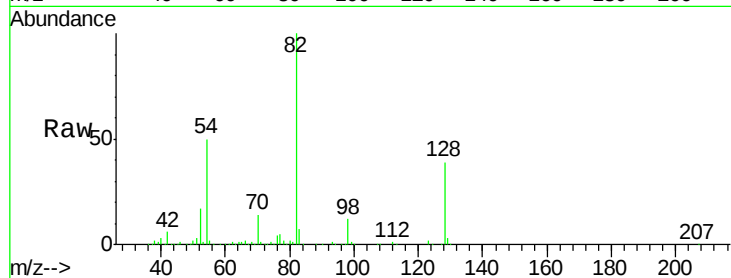
Tot Ion: 82 Resp: 894515

Ion Ratio Lower Upper

82 100

128 38.5 26.8 40.2

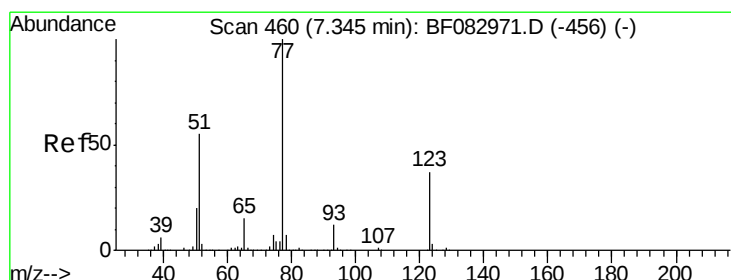
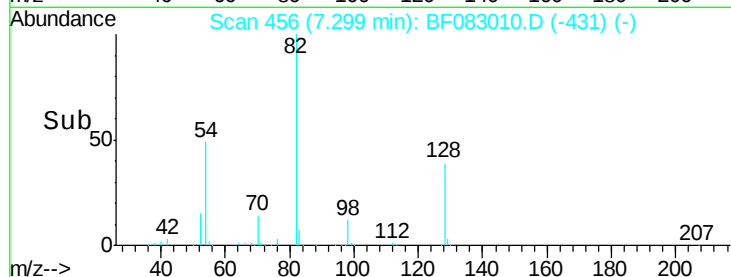
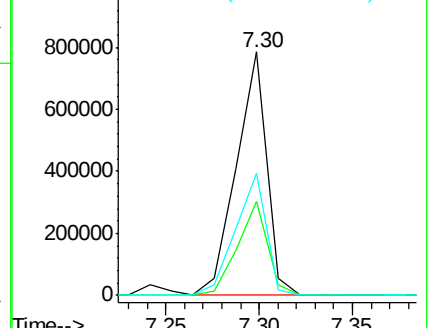
54 50.2 45.7 68.5



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 34.88 ng

RT: 7.32 min Scan# 458

Delta R.T. -0.01 min

Lab File: BF083010.D

Acq: 18 Nov 2015 15:07

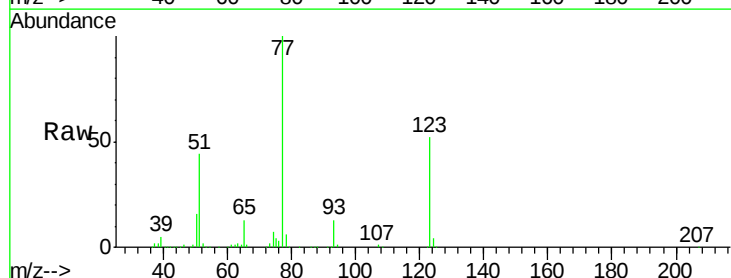
Tgt Ion: 77 Resp: 465959

Ion Ratio Lower Upper

77 100

123 52.0 36.4 54.6

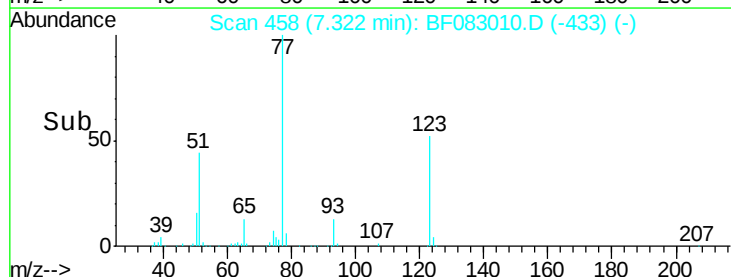
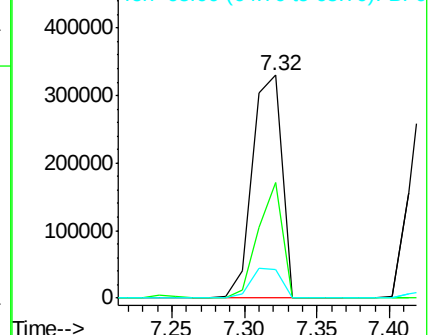
65 13.1 11.5 17.3

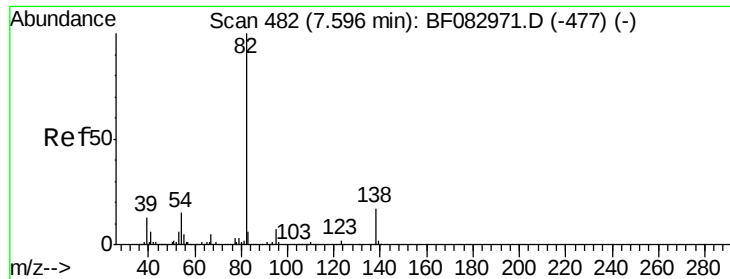


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 35.28 ng

RT: 7.56 min Scan# 479

Delta R.T. -0.01 min

Lab File: BF083010.D

Acq: 18 Nov 2015 15:07

Instrument :

BNA_F

ClientSampled :

PB86689BS

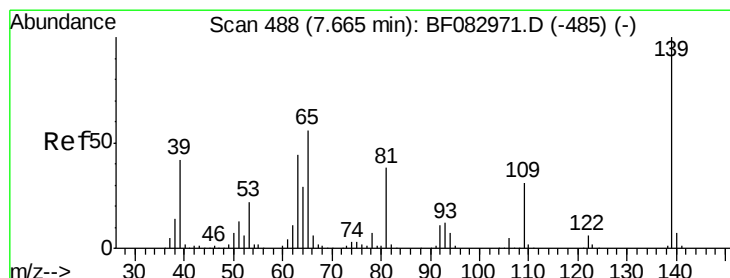
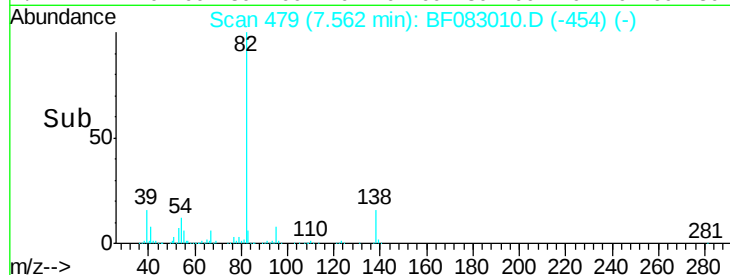
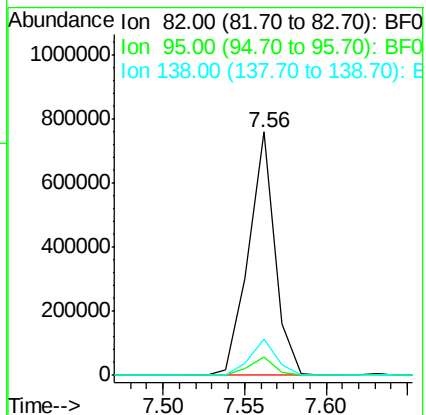
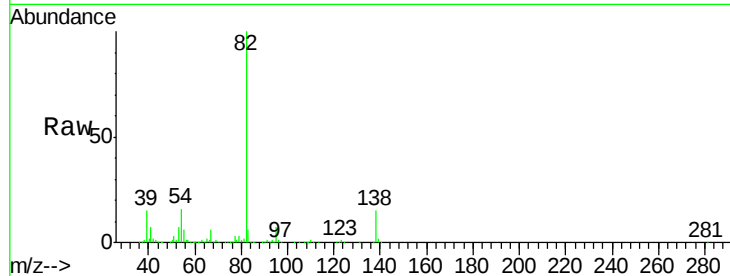
Tot Ion: 82 Resp: 852894

Ion Ratio Lower Upper

82 100

95 7.3 6.6 9.8

138 14.6 11.4 17.0



#26

2-Nitrophenol

Concen: 36.15 ng

RT: 7.63 min Scan# 485

Delta R.T. -0.01 min

Lab File: BF083010.D

Acq: 18 Nov 2015 15:07

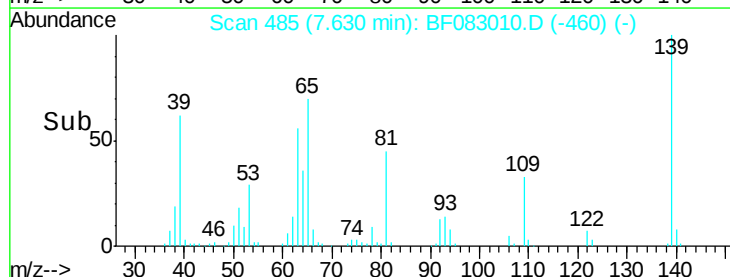
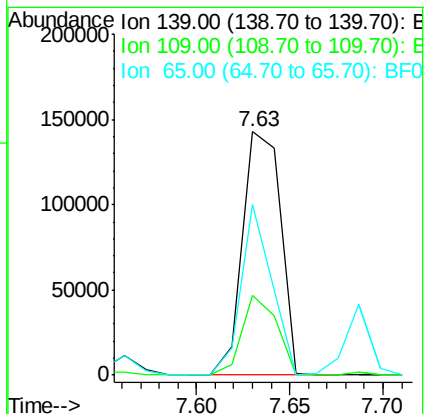
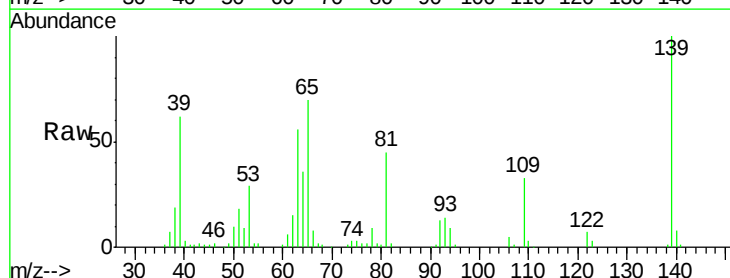
Tgt Ion: 139 Resp: 201612

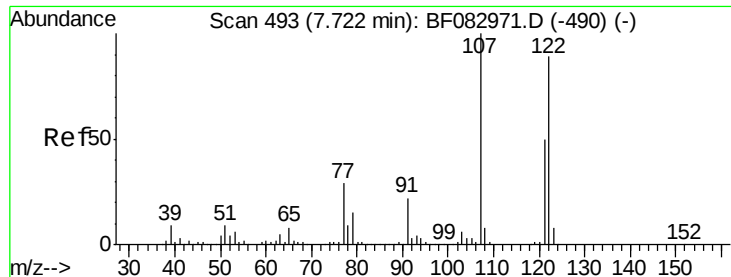
Ion Ratio Lower Upper

139 100

109 32.7 37.6 56.4#

65 69.9 70.6 105.8#

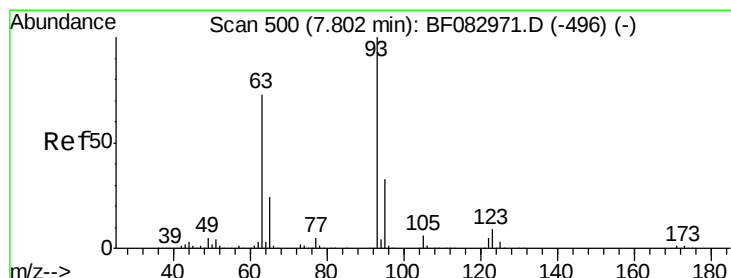
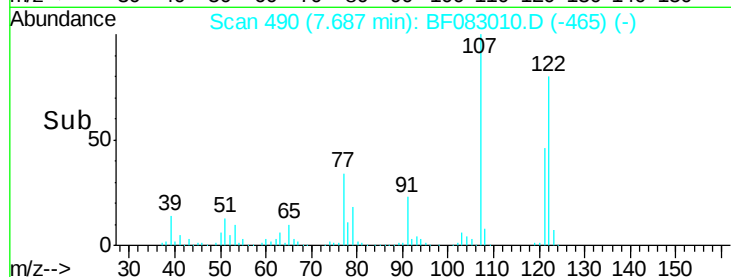
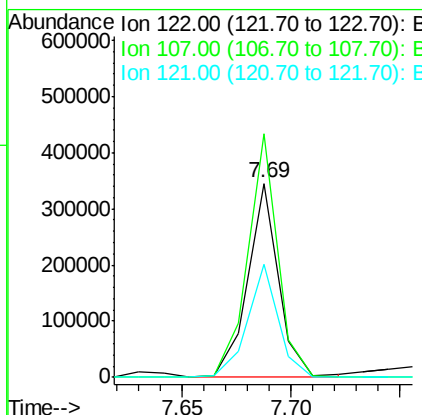
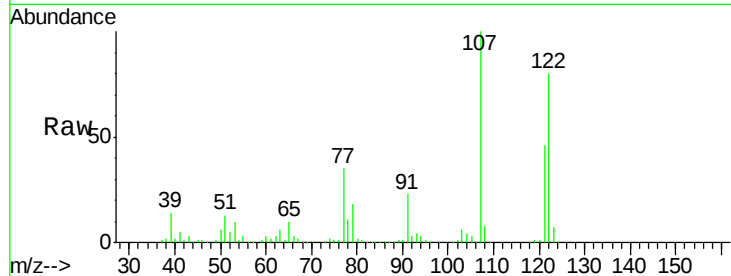




#27
 2,4-Dimethylphenol
 Concen: 34.16 ng
 RT: 7.69 min Scan# 490
 Delta R.T. -0.01 min
 Lab File: BF083010.D
 Acq: 18 Nov 2015 15:07

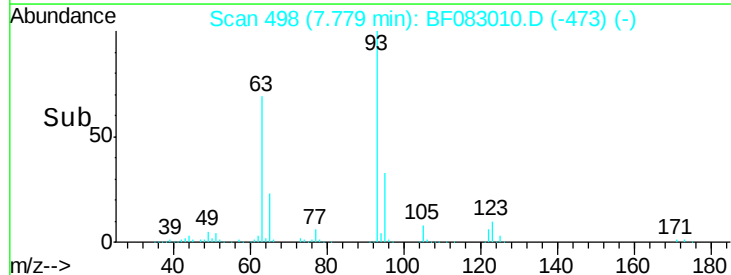
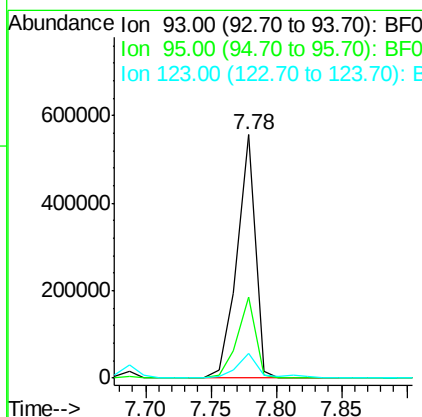
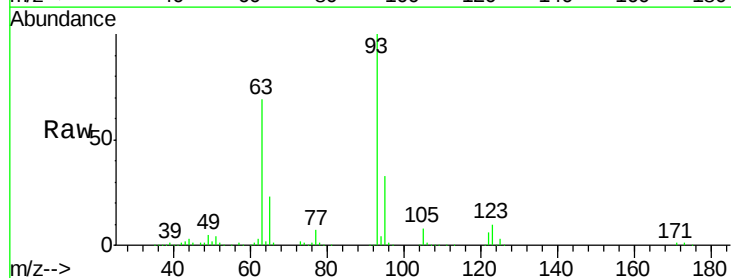
Instrument :
 BNA_F
 ClientSampleId :
 PB86689BS

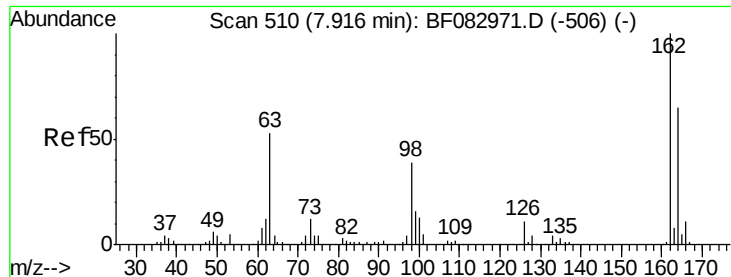
Tot Ion:122 Resp: 342292
 Ion Ratio Lower Upper
 122 100
 107 125.5 106.0 159.0
 121 58.2 46.7 70.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.63 ng
 RT: 7.78 min Scan# 498
 Delta R.T. -0.01 min
 Lab File: BF083010.D
 Acq: 18 Nov 2015 15:07

Tgt Ion: 93 Resp: 540372
 Ion Ratio Lower Upper
 93 100
 95 33.2 26.6 40.0
 123 10.2 9.7 14.5

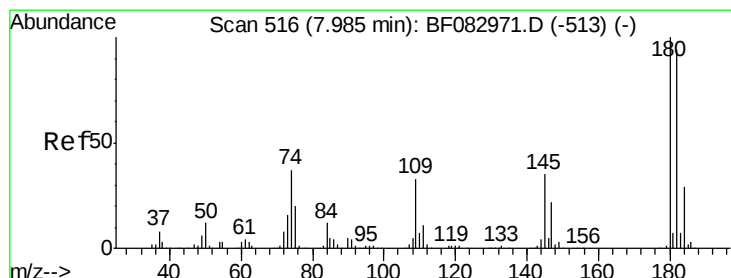
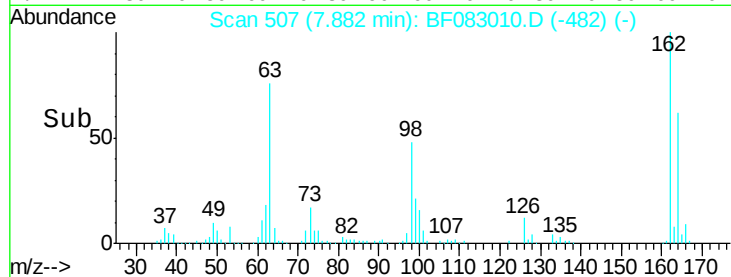
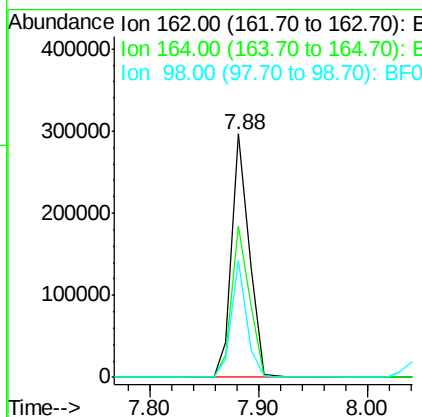
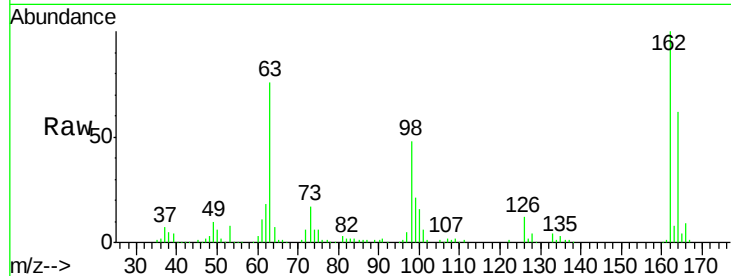




#29
2,4-Dichlorophenol
Concen: 36.29 ng
RT: 7.88 min Scan# 507
Delta R.T. -0.01 min
Lab File: BF083010.D
Acq: 18 Nov 2015 15:07

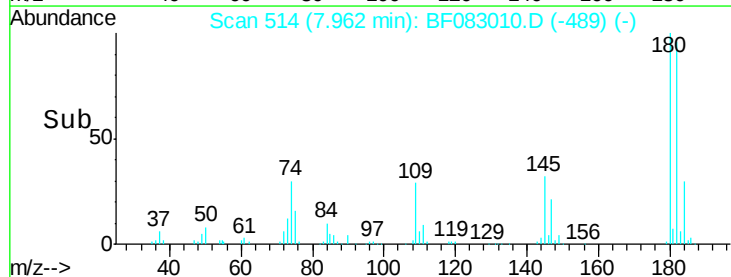
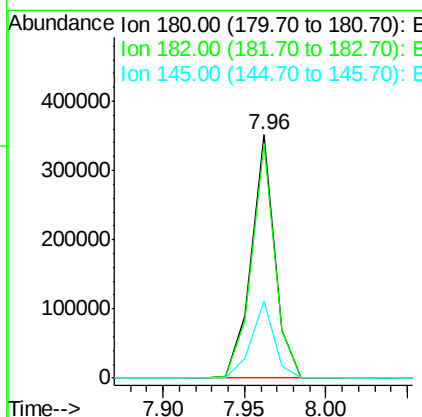
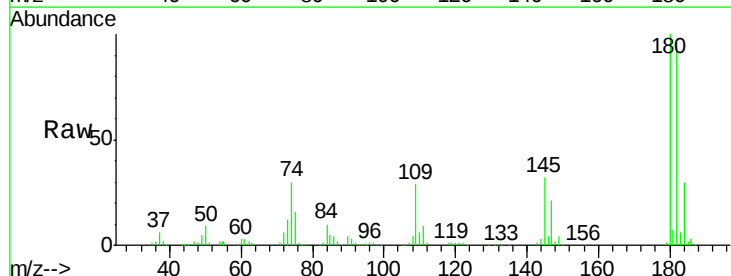
Instrument :
BNA_F
ClientSampleId :
PB86689BS

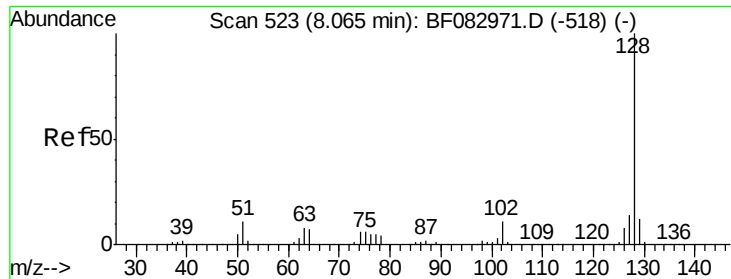
Tot Ion:162 Resp: 328641
Ion Ratio Lower Upper
162 100
164 62.5 46.8 86.8
98 47.9 12.5 52.5



#30
1,2,4-Trichlorobenzene
Concen: 34.53 ng
RT: 7.96 min Scan# 514
Delta R.T. -0.01 min
Lab File: BF083010.D
Acq: 18 Nov 2015 15:07

Tgt Ion:180 Resp: 351707
Ion Ratio Lower Upper
180 100
182 96.1 74.9 112.3
145 31.9 27.8 41.8

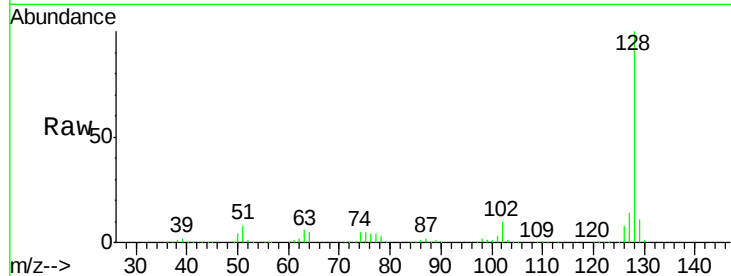




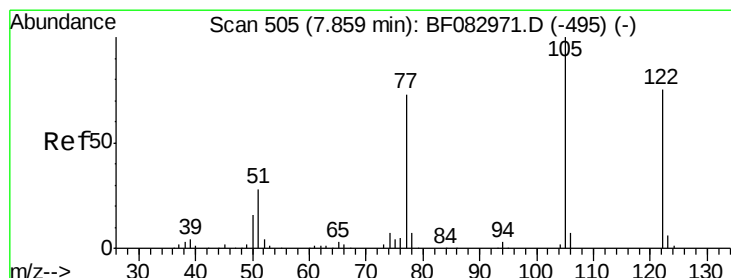
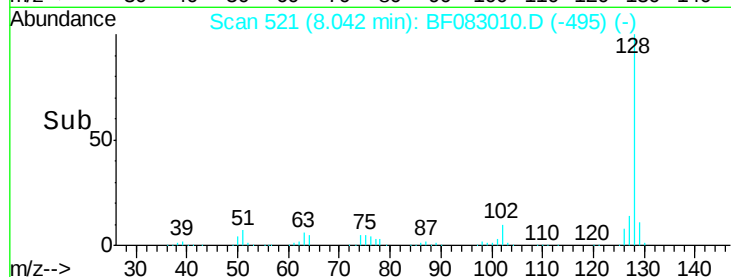
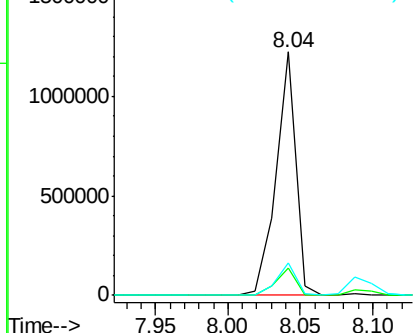
#31
Naphthalene
Concen: 36.76 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.00 min
Lab File: BF083010.D
Acq: 18 Nov 2015 15:07

Instrument :
BNA_F
ClientSampleId :
PB86689BS

Tot Ion:128 Resp: 1152882
Ion Ratio Lower Upper
128 100
129 11.4 9.5 14.3
127 13.6 11.4 17.0

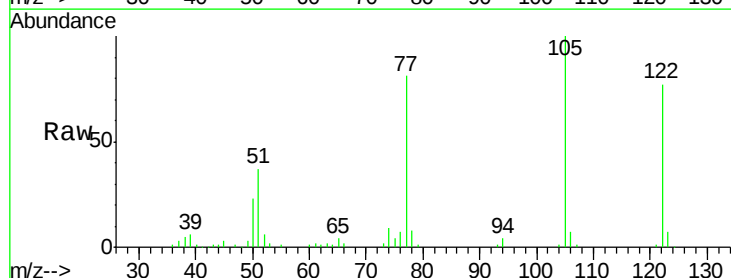


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

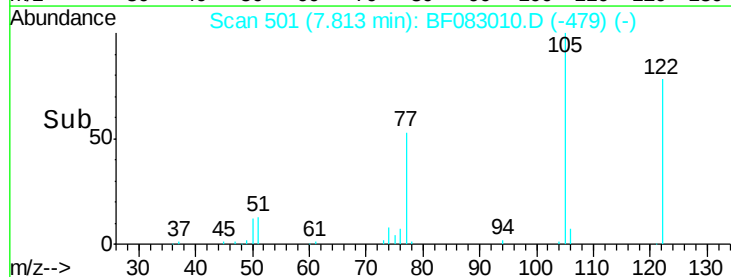
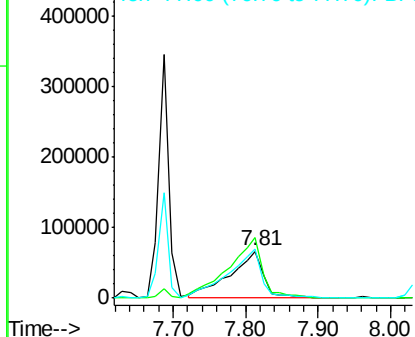


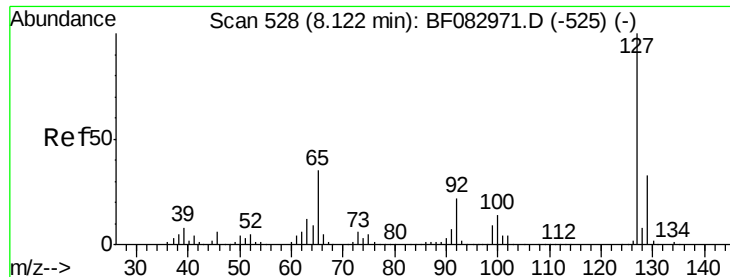
#32
Benzoic acid
Concen: 31.38 ng
RT: 7.81 min Scan# 501
Delta R.T. -0.05 min
Lab File: BF083010.D
Acq: 18 Nov 2015 15:07

Tgt Ion:122 Resp: 215283
Ion Ratio Lower Upper
122 100
105 129.6 122.6 162.6
77 104.3 100.9 140.9



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

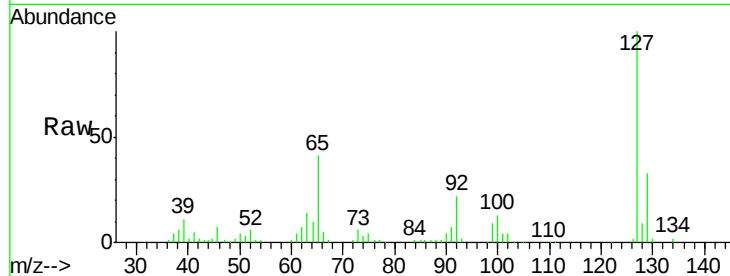




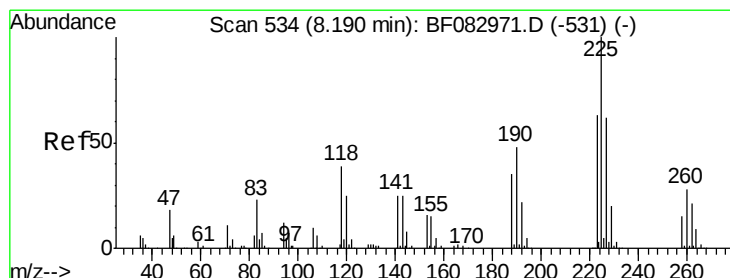
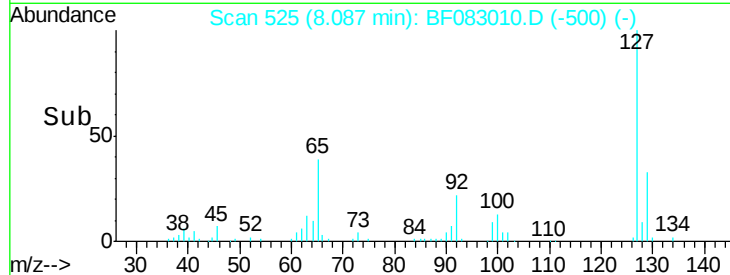
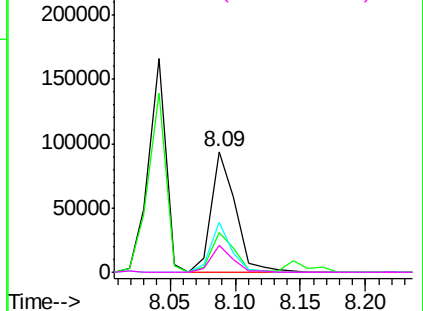
#33
4-Chloroaniline
Concen: 9.02 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.01 min
Lab File: BF083010.D
Acq: 18 Nov 2015 15:07

Instrument :
BNA_F
ClientSampleId :
PB86689BS

Tot Ion:127	Resp:	121940
Ion Ratio	Lower	Upper
127	100	
129	33.0	26.3 39.5
65	41.3	37.8 56.8
92	22.3	20.6 31.0

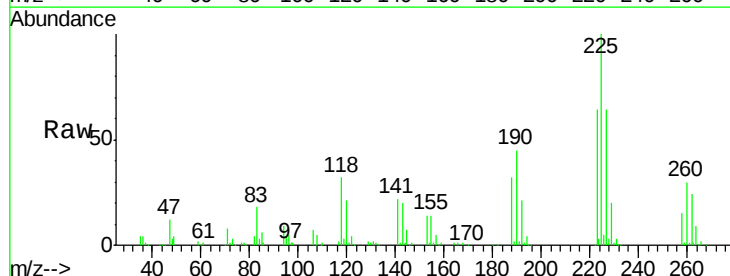


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

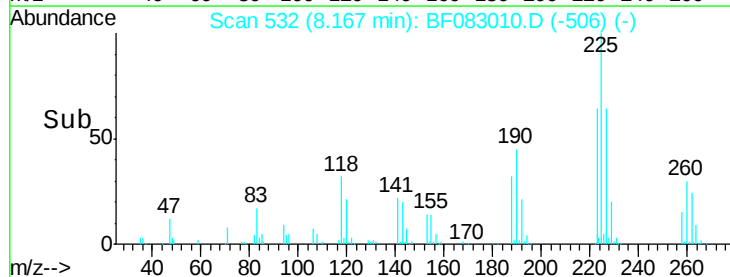
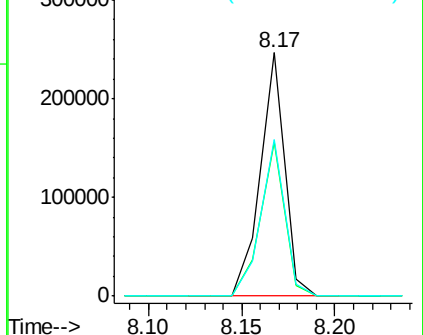


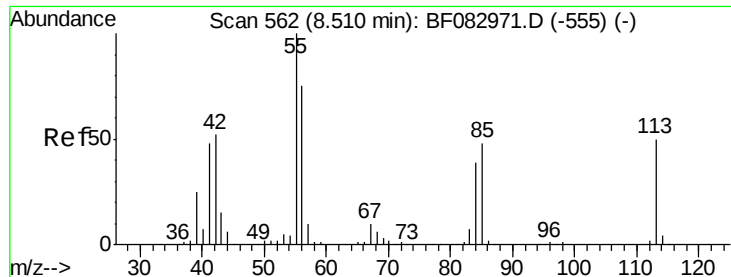
#34
Hexachlorobutadiene
Concen: 34.85 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.00 min
Lab File: BF083010.D
Acq: 18 Nov 2015 15:07

Tgt Ion:225	Resp:	222115
Ion Ratio	Lower	Upper
225	100	
223	63.5	50.5 75.7
227	64.2	50.2 75.2



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: 12.44 ng

RT: 8.50 min Scan# 561

Delta R.T. -0.00 min

Lab File: BF083010.D

Acq: 18 Nov 2015 15:07

Instrument :

BNA_F

ClientSampleId :

PB86689BS

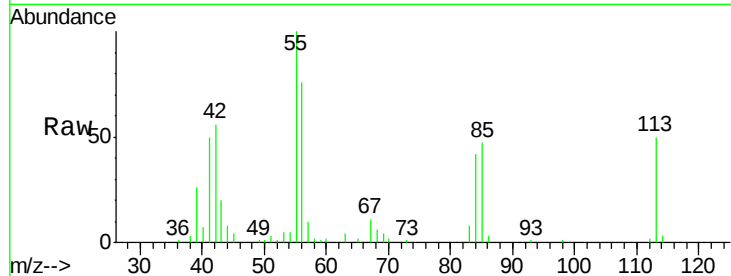
Tot Ion:113 Resp: 35506

Ion Ratio Lower Upper

113 100

55 199.6 195.5 235.5

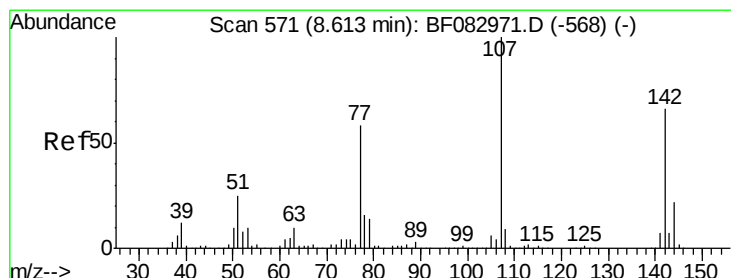
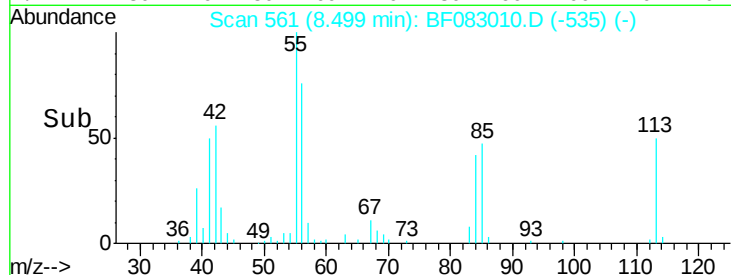
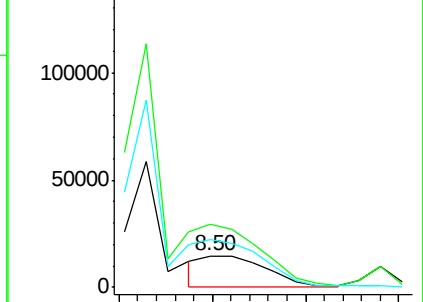
56 152.5 153.5 193.5#



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: 34.29 ng

RT: 8.59 min Scan# 569

Delta R.T. -0.01 min

Lab File: BF083010.D

Acq: 18 Nov 2015 15:07

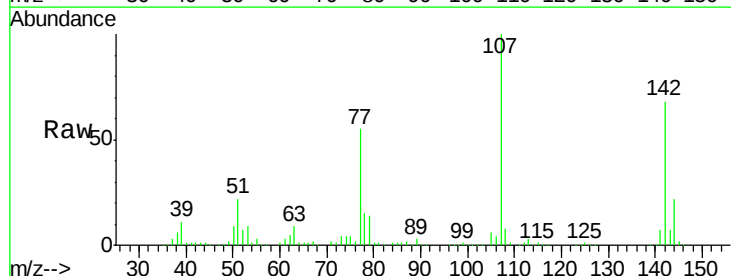
Tgt Ion:107 Resp: 365181

Ion Ratio Lower Upper

107 100

144 21.6 15.4 23.0

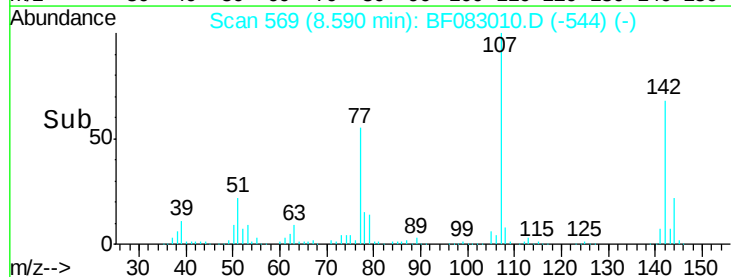
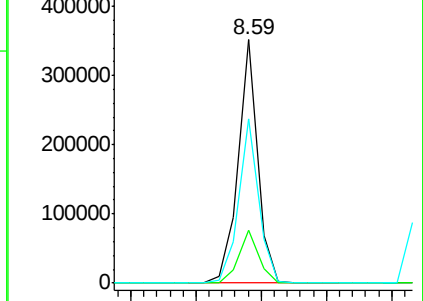
142 67.6 47.8 71.8

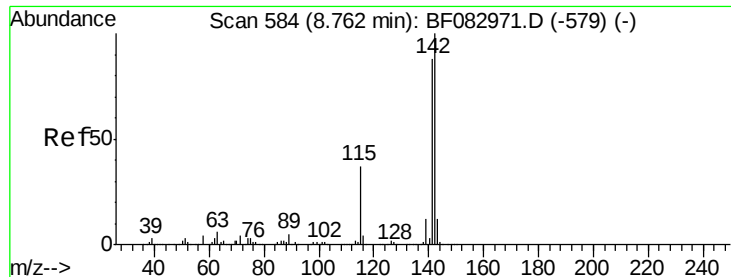


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

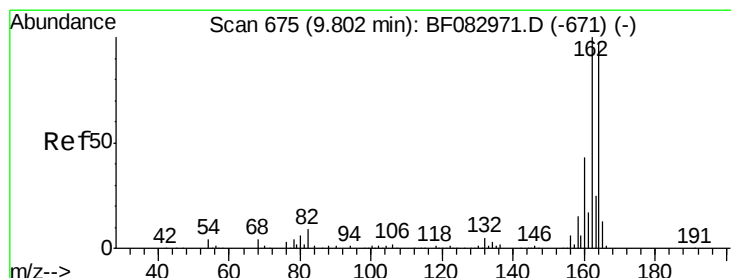
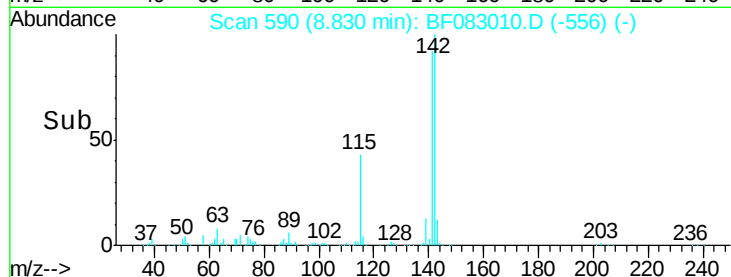
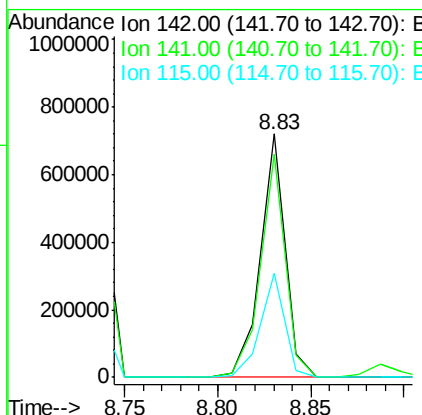
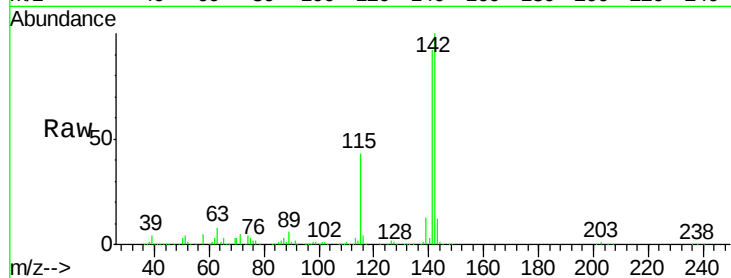




#37
2-Methylnaphthalene
Concen: 32.46 ng
RT: 8.83 min Scan# 590
Delta R.T. 0.09 min
Lab File: BF083010.D
Acq: 18 Nov 2015 15:07

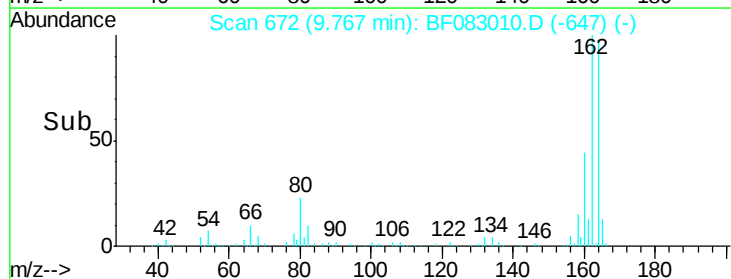
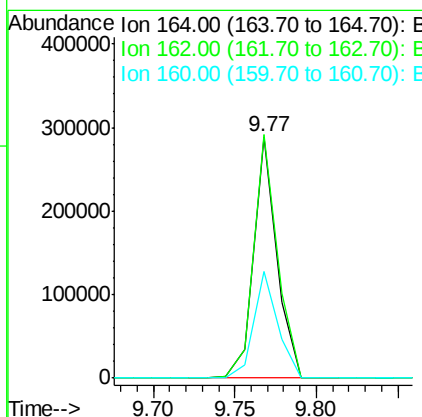
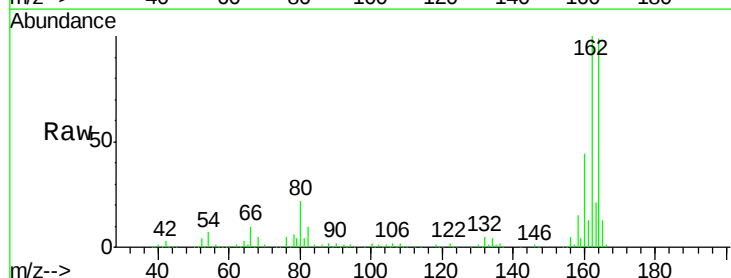
Instrument :
BNA_F
ClientSampleId :
PB86689BS

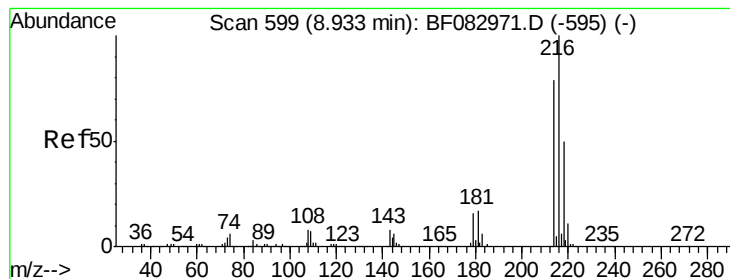
Tot Ion:142 Resp: 658677
Ion Ratio Lower Upper
142 100
141 91.5 72.3 108.5
115 43.0 38.1 57.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.01 min
Lab File: BF083010.D
Acq: 18 Nov 2015 15:07

Tgt Ion:164 Resp: 286153
Ion Ratio Lower Upper
164 100
162 100.8 84.9 127.3
160 44.0 37.5 56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 33.72 ng

RT: 8.90 min Scan# 596

Delta R.T. -0.01 min

Lab File: BF083010.D

Acq: 18 Nov 2015 15:07

Instrument :

BNA_F

ClientSampleId :

PB86689BS

Tot Ion:216 Resp: 317122

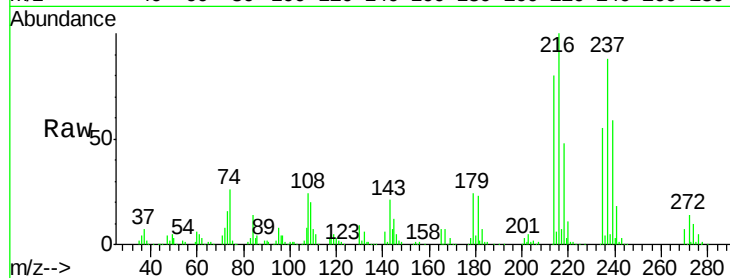
Ion Ratio Lower Upper

216 100

214 78.9 62.2 93.2

179 21.8 18.1 27.1

108 22.7 16.6 25.0

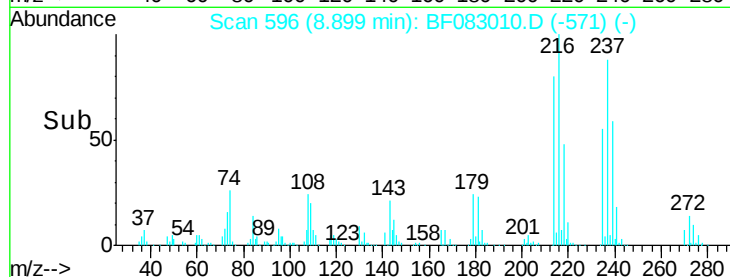


Abundance Ion 216.00 (215.70 to 216.70): E

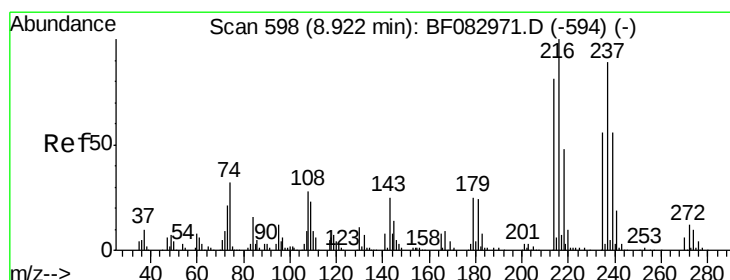
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 73.80 ng

RT: 8.90 min Scan# 596

Delta R.T. -0.00 min

Lab File: BF083010.D

Acq: 18 Nov 2015 15:07

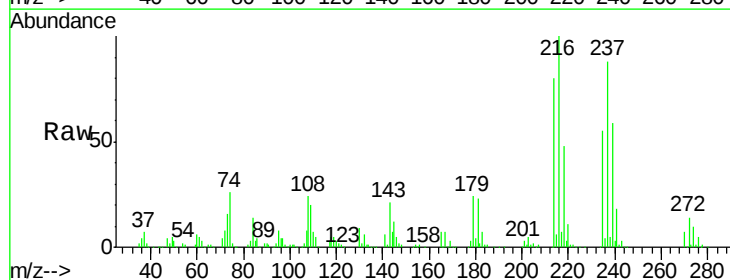
Tgt Ion:237 Resp: 372816

Ion Ratio Lower Upper

237 100

235 62.9 44.3 84.3

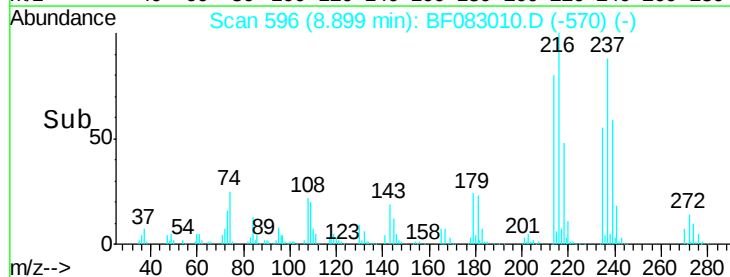
272 16.1 0.0 31.9



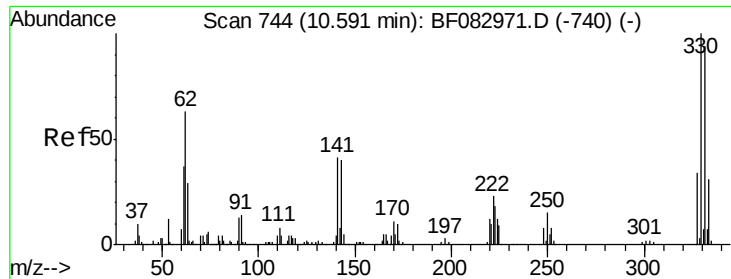
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



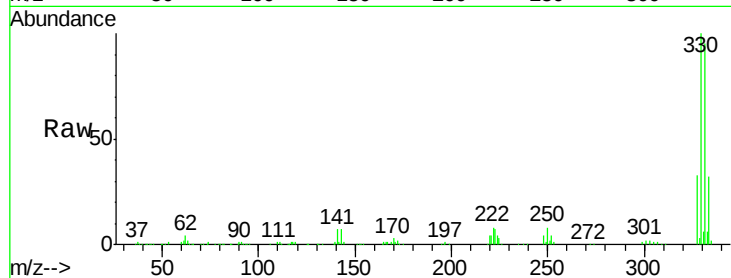
Time-->



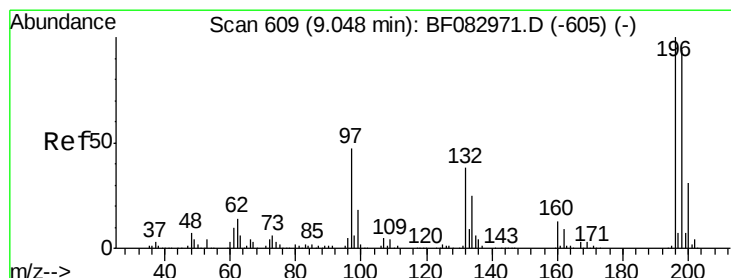
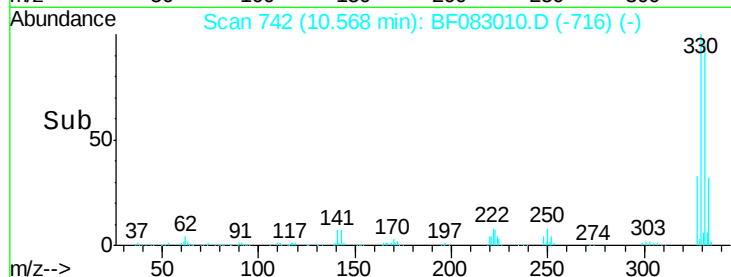
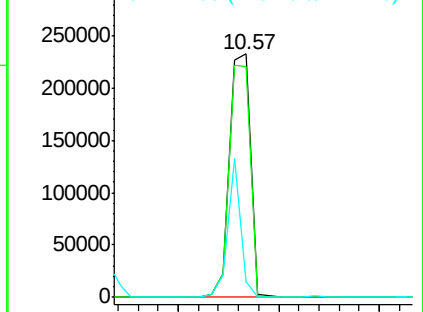
#41
 2,4,6-Tribromophenol
 Concen: 102.58 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.00 min
 Lab File: BF083010.D
 Acq: 18 Nov 2015 15:07

Instrument :
 BNA_F
 ClientSampleId :
 PB86689BS

Tot Ion:330 Resp: 336575
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.6 114.8
 141 35.3 41.2 61.8#

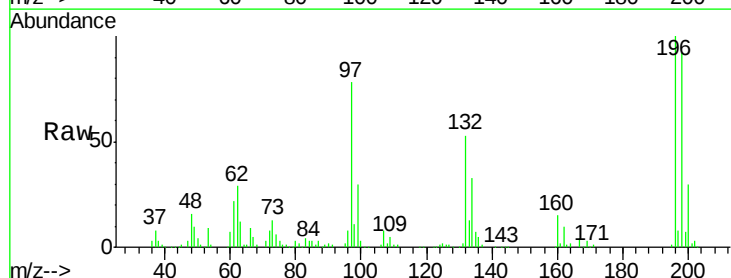


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

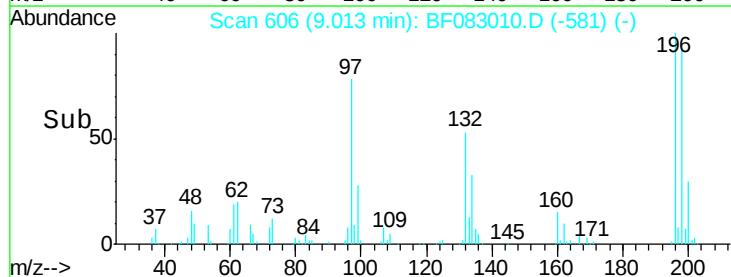
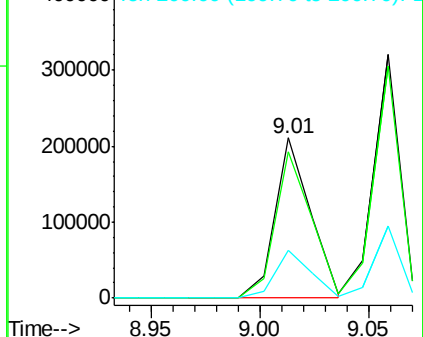


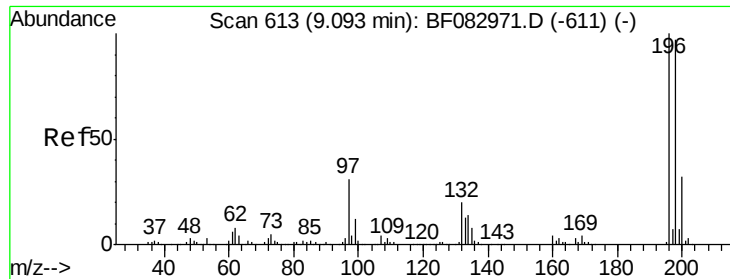
#42
 2,4,6-Trichlorophenol
 Concen: 34.42 ng
 RT: 9.01 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF083010.D
 Acq: 18 Nov 2015 15:07

Tgt Ion:196 Resp: 241590
 Ion Ratio Lower Upper
 196 100
 198 91.6 76.3 114.5
 200 29.5 23.9 35.9



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

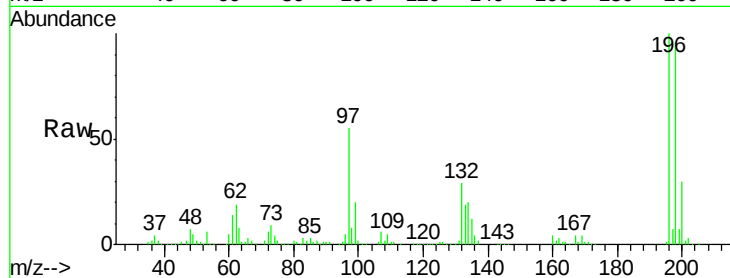




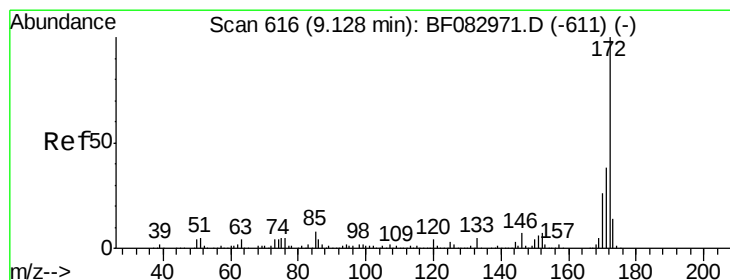
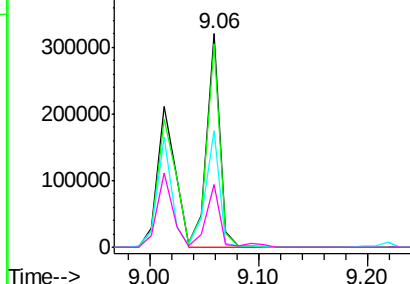
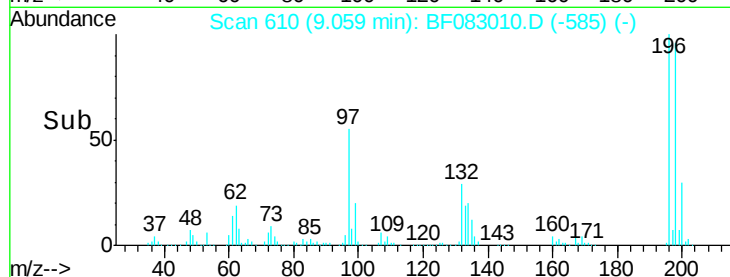
#43
 2,4,5-Trichlorophenol
 Concen: 39.44 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.01 min
 Lab File: BF083010.D
 Acq: 18 Nov 2015 15:07

Instrument :
 BNA_F
 ClientSampleID :
 PB86689BS

Tot Ion:	196	Resp:	273796
Ion	Ratio	Lower	Upper
196	100		
198	95.5	75.8	113.8
97	54.6	62.3	93.5
132	29.3	27.4	41.2

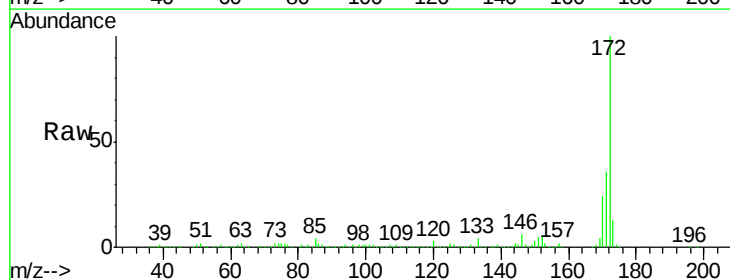


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

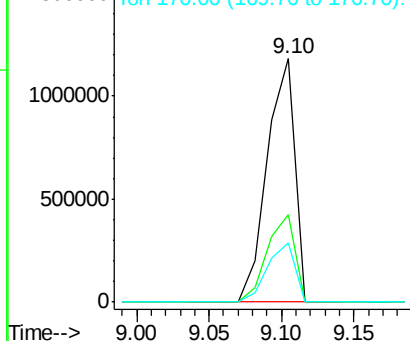
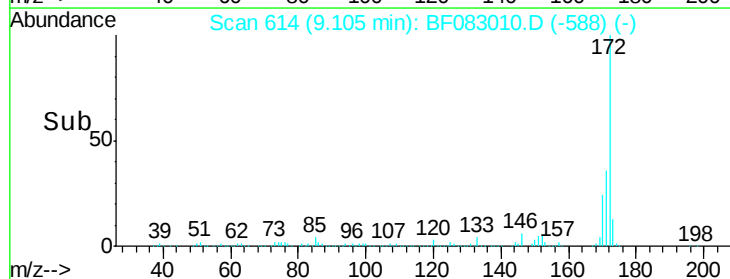


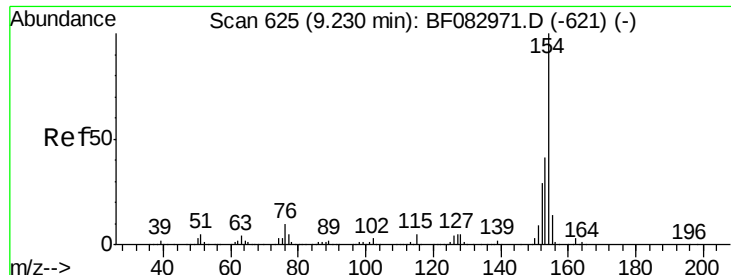
#44
 2-Fluorobiphenyl
 Concen: 78.17 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.00 min
 Lab File: BF083010.D
 Acq: 18 Nov 2015 15:07

Tgt Ion:	172	Resp:	1560606
Ion	Ratio	Lower	Upper
172	100		
171	35.7	30.8	46.2
170	24.2	21.2	31.8



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

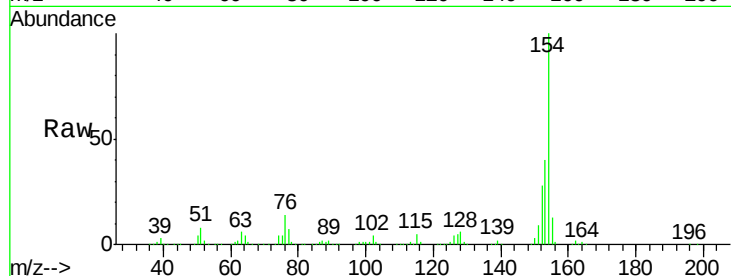




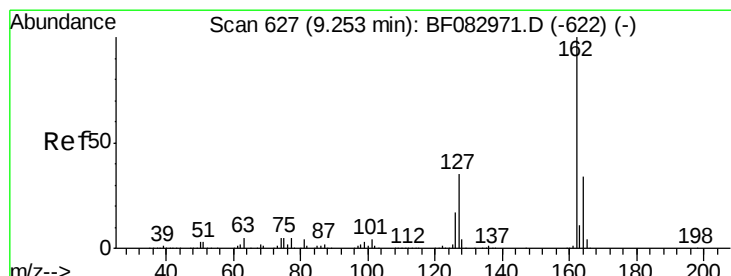
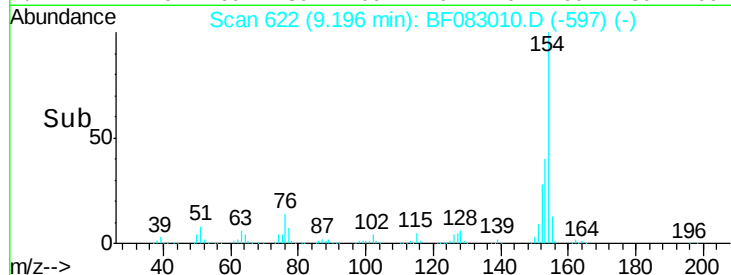
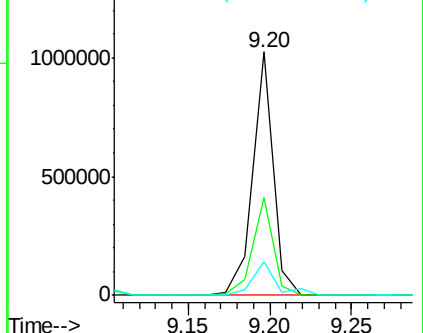
#45
 1,1'-Biphenyl
 Concen: 36.43 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.01 min
 Lab File: BF083010.D
 Acq: 18 Nov 2015 15:07

Instrument :
 BNA_F
 ClientSampleId :
 PB86689BS

Tot Ion:154 Resp: 894402
 Ion Ratio Lower Upper
 154 100
 153 40.0 22.0 62.0
 76 14.0 0.0 29.0

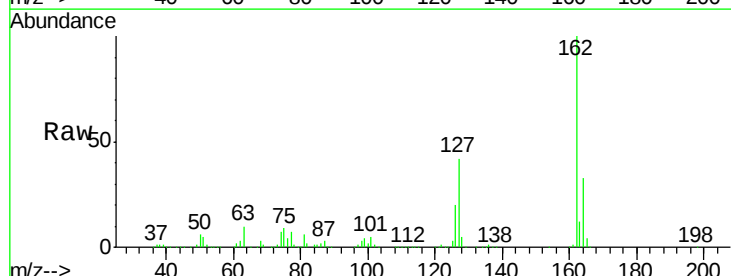


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

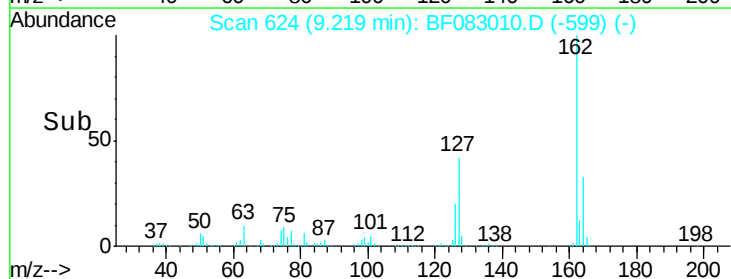
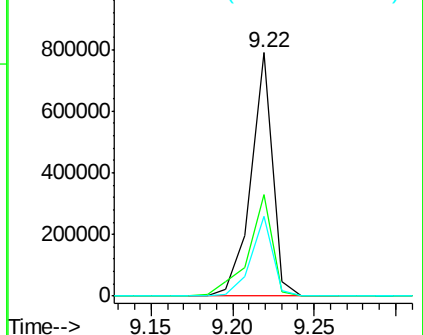


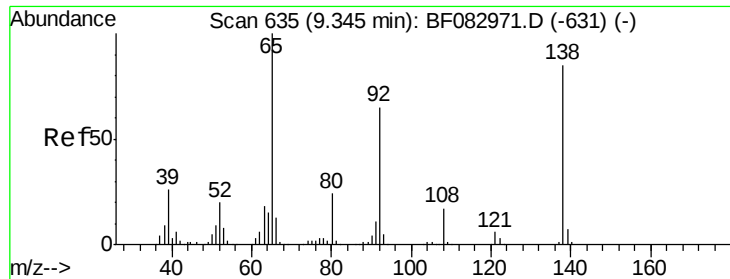
#46
 2-Chloronaphthalene
 Concen: 37.89 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.01 min
 Lab File: BF083010.D
 Acq: 18 Nov 2015 15:07

Tgt Ion:162 Resp: 725782
 Ion Ratio Lower Upper
 162 100
 127 41.9 32.7 49.1
 164 32.7 27.4 41.0



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

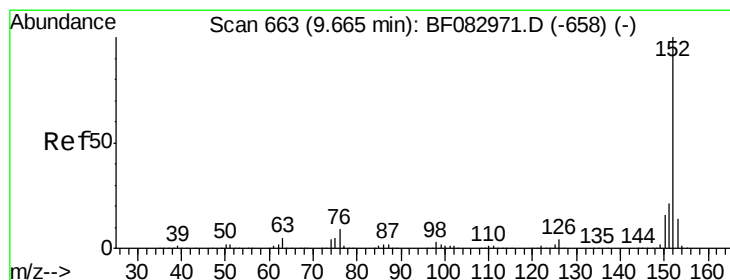
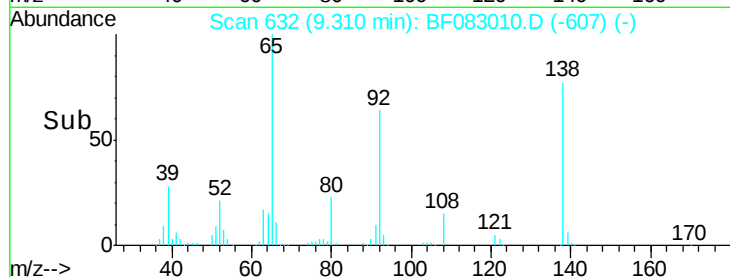
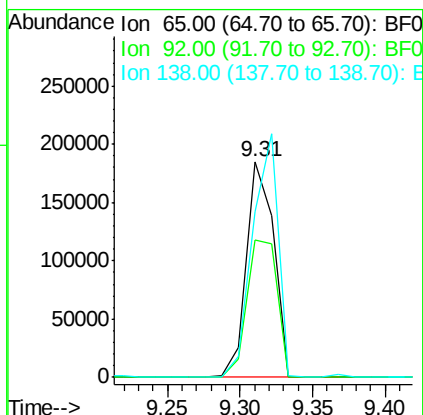
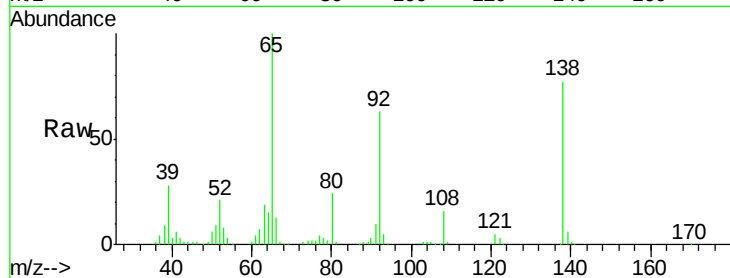




#47
2-Nitroaniline
Concen: 34.02 ng
RT: 9.31 min Scan# 632
Delta R.T. -0.01 min
Lab File: BF083010.D
Acq: 18 Nov 2015 15:07

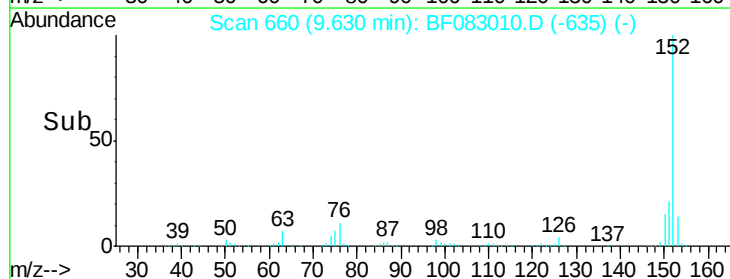
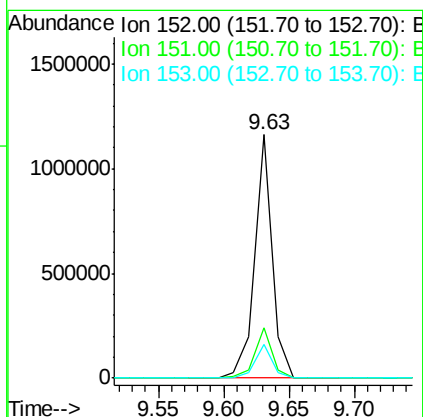
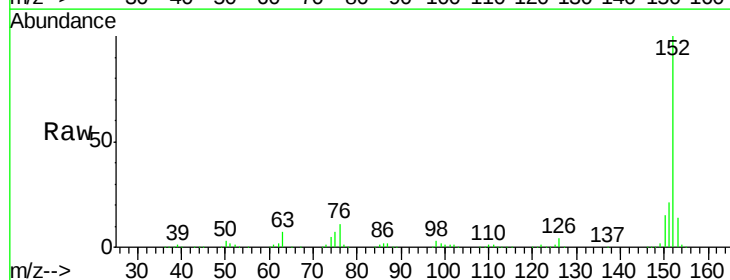
Instrument :
BNA_F
ClientSampleId :
PB86689BS

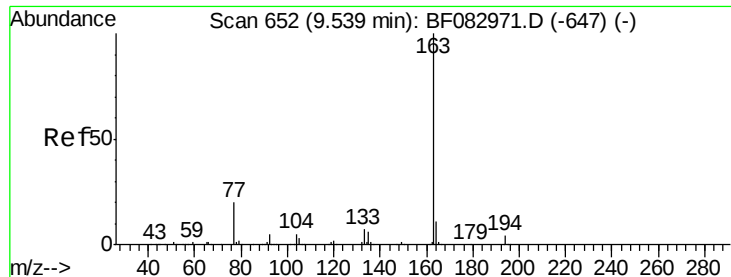
Tot Ion: 65 Resp: 241728
Ion Ratio Lower Upper
65 100
92 63.5 46.6 70.0
138 76.7 54.6 81.8



#48
Acenaphthylene
Concen: 36.13 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.01 min
Lab File: BF083010.D
Acq: 18 Nov 2015 15:07

Tgt Ion: 152 Resp: 1084584
Ion Ratio Lower Upper
152 100
151 20.8 17.3 25.9
153 13.8 11.3 16.9

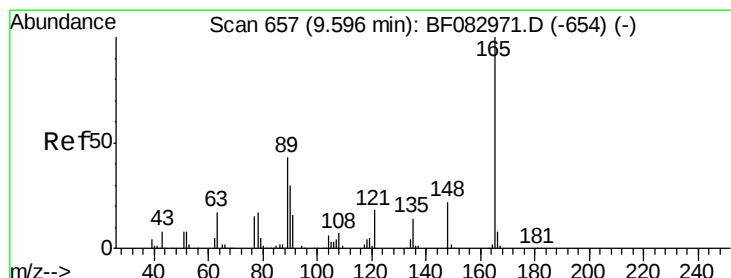
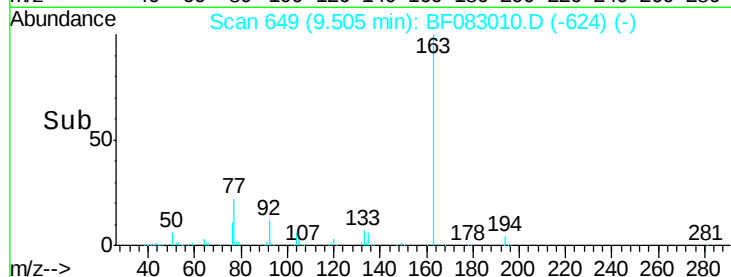
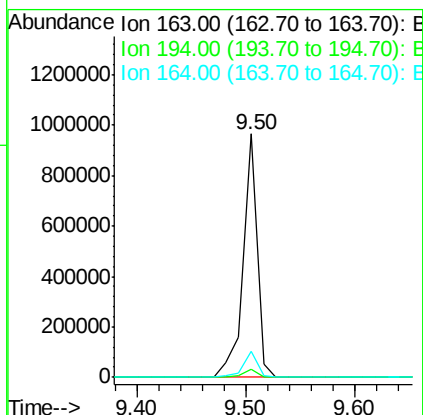
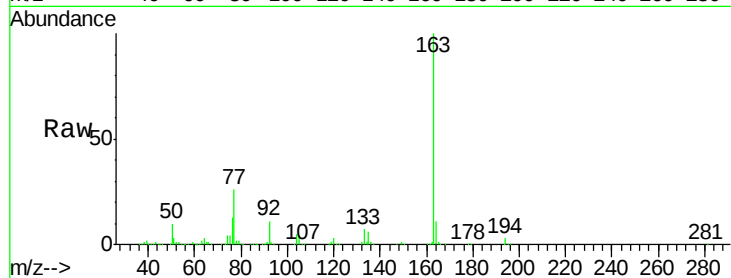




#49
Dimethylphthalate
Concen: 36.39 ng
RT: 9.50 min Scan# 649
Delta R.T. -0.01 min
Lab File: BF083010.D
Acq: 18 Nov 2015 15:07

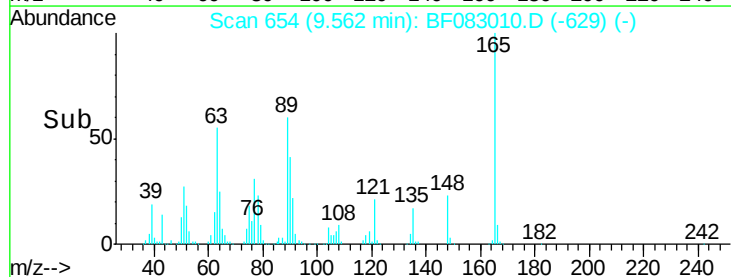
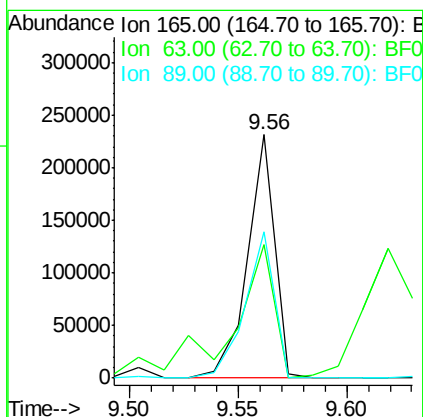
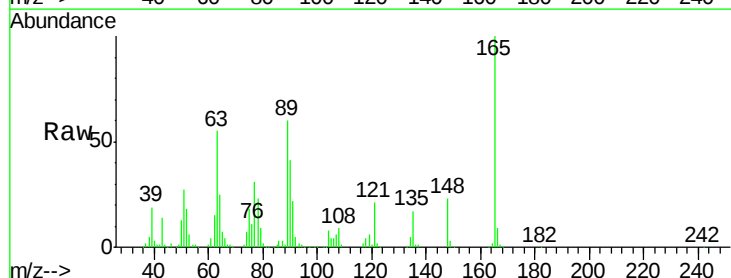
Instrument :
BNA_F
ClientSampleId :
PB86689BS

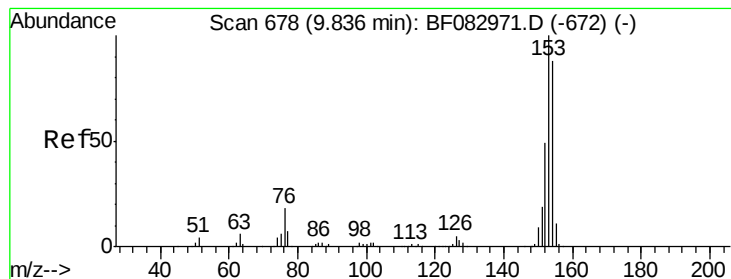
Tot Ion:163 Resp: 853195
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.6 8.7 13.1



#50
2,6-Dinitrotoluene
Concen: 40.17 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF083010.D
Acq: 18 Nov 2015 15:07

Tgt Ion:165 Resp: 200946
Ion Ratio Lower Upper
165 100
63 54.9 55.5 83.3#
89 59.9 55.0 82.6





#51

Acenaphthene

Concen: 40.80 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF083010.D

Acq: 18 Nov 2015 15:07

Instrument :

BNA_F

ClientSampleId :

PB86689BS

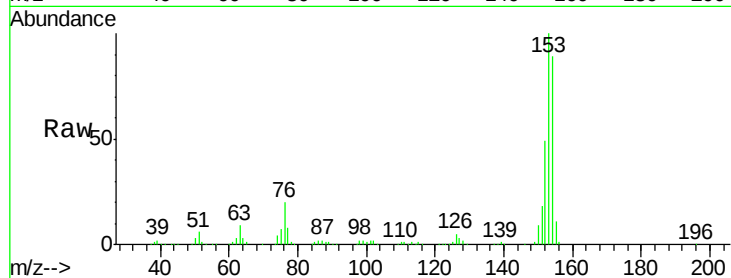
Tot Ion:154 Resp: 776213

Ion Ratio Lower Upper

154 100

153 111.8 90.1 135.1

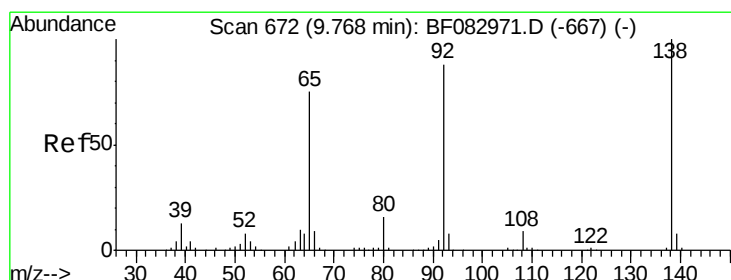
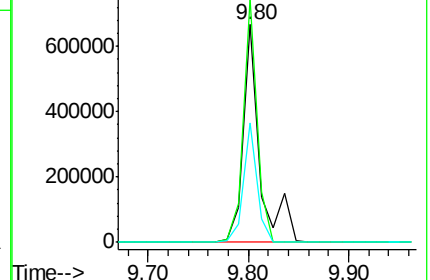
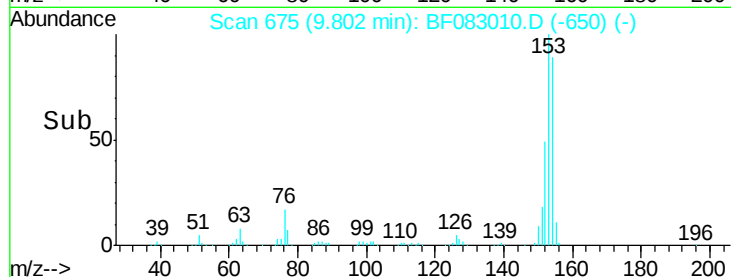
152 54.6 44.3 66.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 14.41 ng

RT: 9.72 min Scan# 668

Delta R.T. -0.01 min

Lab File: BF083010.D

Acq: 18 Nov 2015 15:07

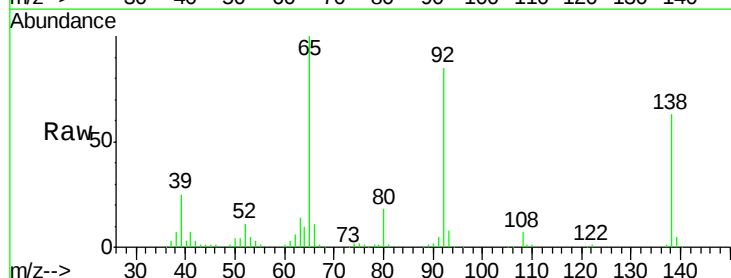
Tgt Ion:138 Resp: 79263

Ion Ratio Lower Upper

138 100

108 11.9 11.3 16.9

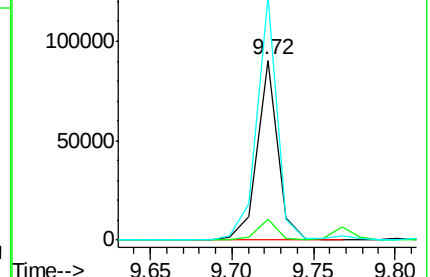
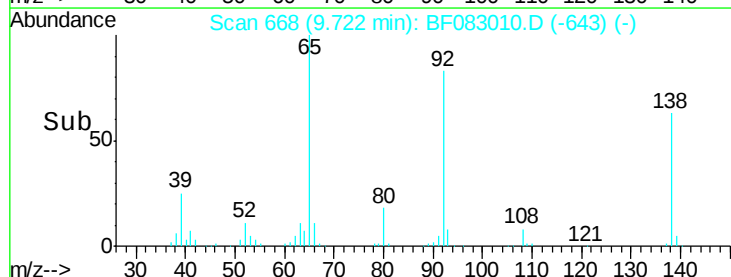
92 135.3 122.4 183.6

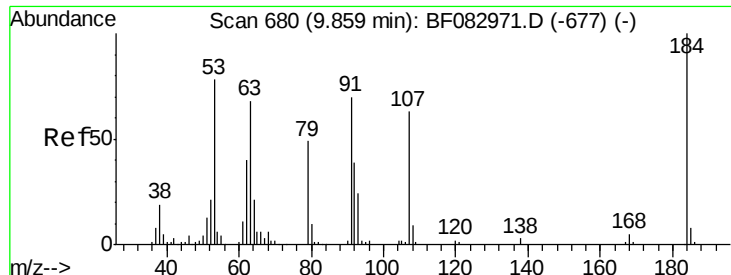


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

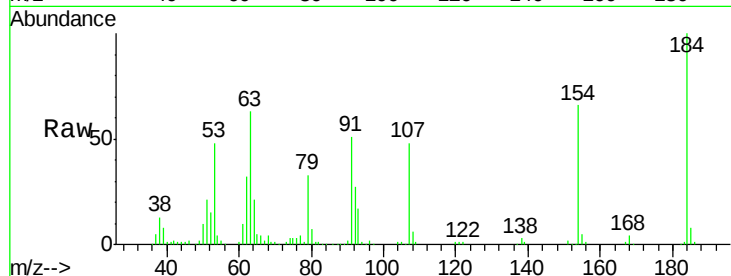




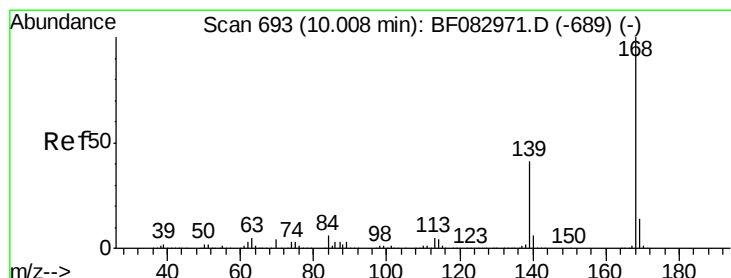
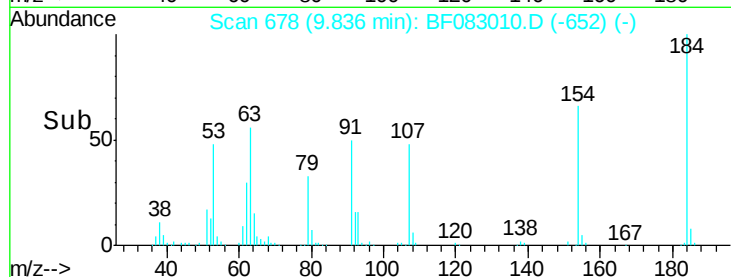
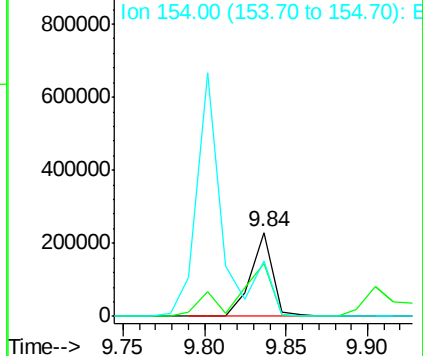
#53
 2,4-Dinitrophenol
 Concen: 78.82 ng
 RT: 9.84 min Scan# 678
 Delta R.T. -0.00 min
 Lab File: BF083010.D
 Acq: 18 Nov 2015 15:07

Instrument :
 BNA_F
 ClientSampleId :
 PB86689BS

Tot Ion:184 Resp: 216475
 Ion Ratio Lower Upper
 184 100
 63 63.4 98.6 148.0#
 154 65.7 183.9 275.9#

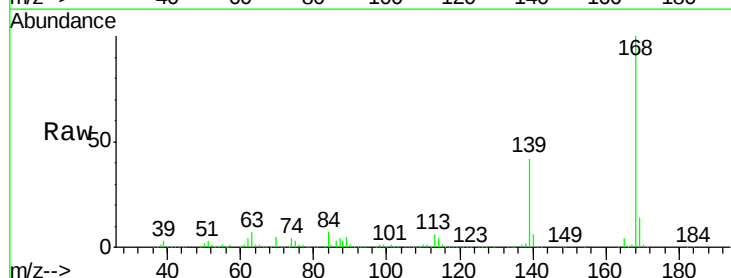


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

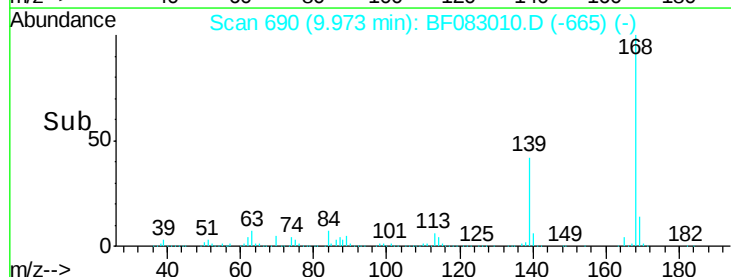
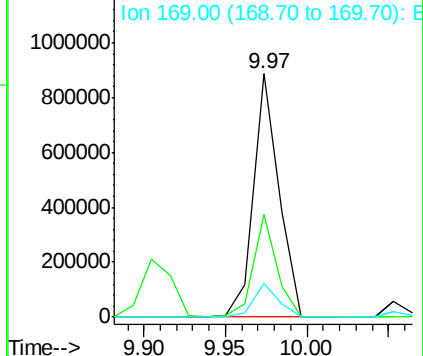


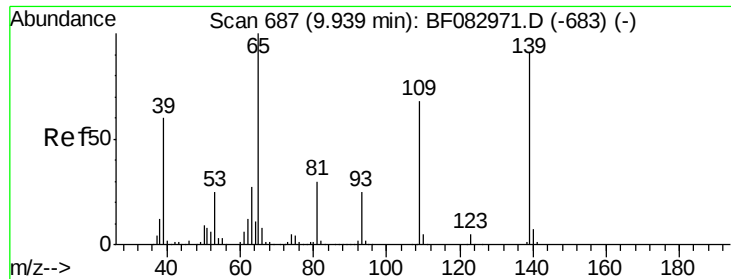
#54
 Dibenzofuran
 Concen: 37.36 ng
 RT: 9.97 min Scan# 690
 Delta R.T. -0.01 min
 Lab File: BF083010.D
 Acq: 18 Nov 2015 15:07

Tgt Ion:168 Resp: 958239
 Ion Ratio Lower Upper
 168 100
 139 42.1 37.8 56.6
 169 14.0 11.3 16.9



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

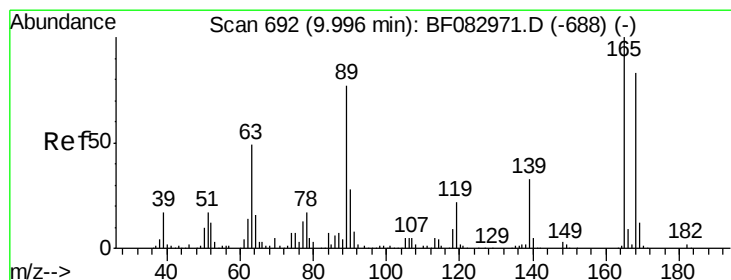
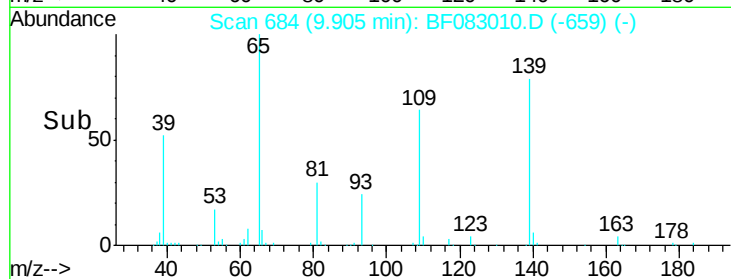
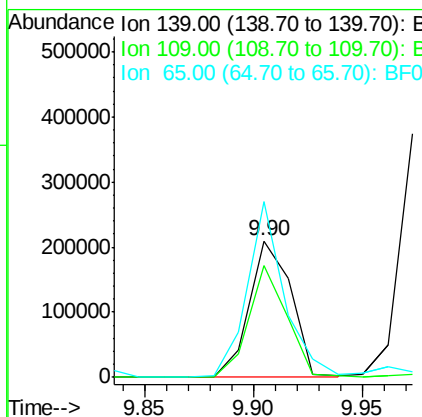
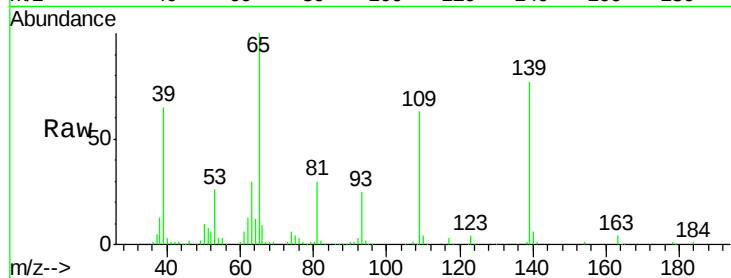




#55
4-Nitrophenol
Concen: 66.91 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.01 min
Lab File: BF083010.D
Acq: 18 Nov 2015 15:07

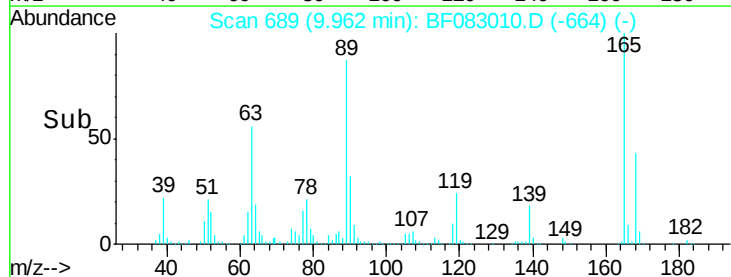
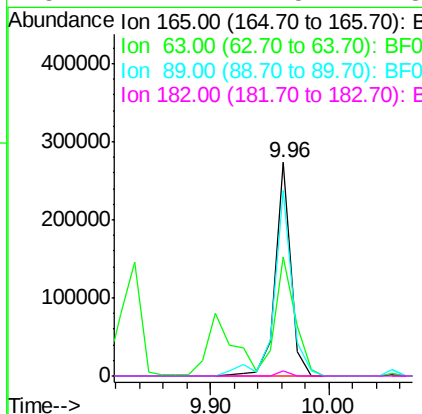
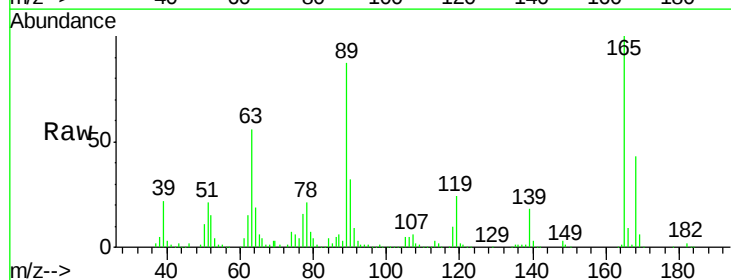
Instrument :
BNA_F
ClientSampleId :
PB86689BS

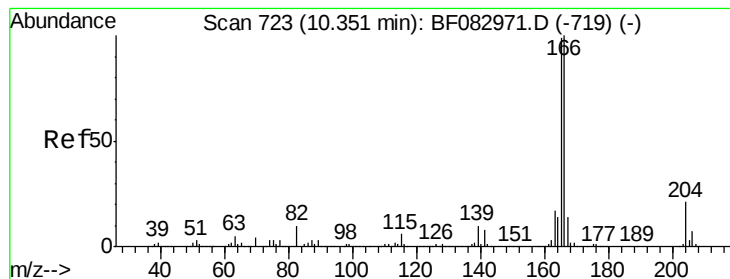
Tot Ion:139 Resp: 282385
Ion Ratio Lower Upper
139 100
109 81.7 73.7 113.7
65 129.4 82.9 122.9#



#56
2,4-Dinitrotoluene
Concen: 36.28 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.01 min
Lab File: BF083010.D
Acq: 18 Nov 2015 15:07

Tgt Ion:165 Resp: 246257
Ion Ratio Lower Upper
165 100
63 55.6 43.4 65.0
89 87.1 70.6 106.0
182 2.1 1.5 2.3





#57

Fluorene

Concen: 35.94 ng

RT: 10.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF083010.D

Acq: 18 Nov 2015 15:07

Instrument :

BNA_F

ClientSampleId :

PB86689BS

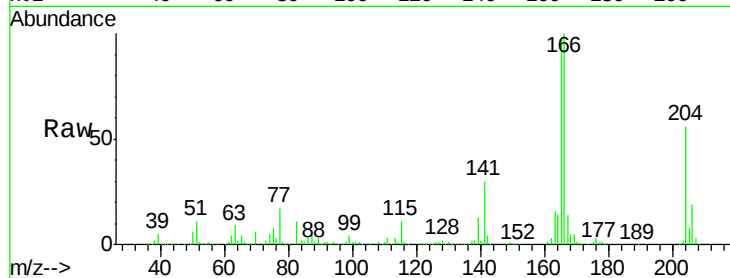
Tot Ion:166 Resp: 746464

Ion Ratio Lower Upper

166 100

165 97.4 80.2 120.4

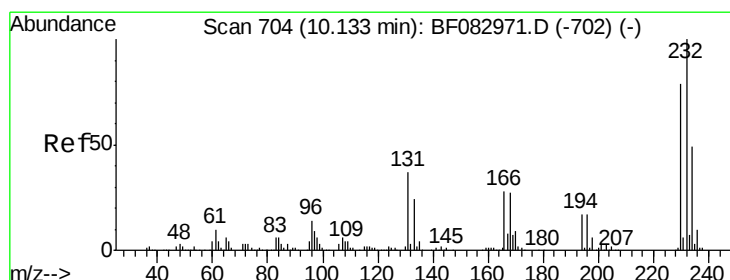
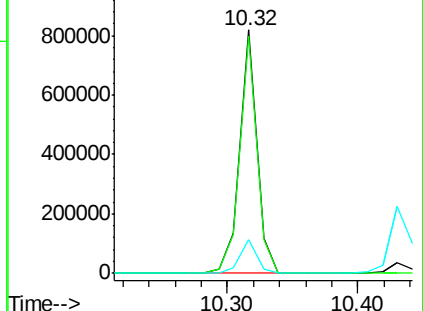
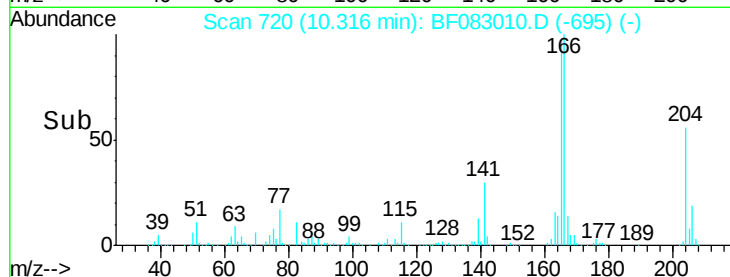
167 14.0 11.2 16.8



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: 38.92 ng

RT: 10.10 min Scan# 701

Delta R.T. -0.01 min

Lab File: BF083010.D

Acq: 18 Nov 2015 15:07

Tgt Ion:232 Resp: 220514

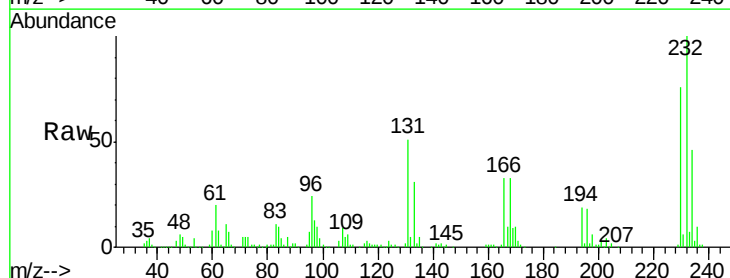
Ion Ratio Lower Upper

232 100

131 49.4 46.2 69.2

130 2.2 2.4 3.6#

166 32.1 28.2 42.2

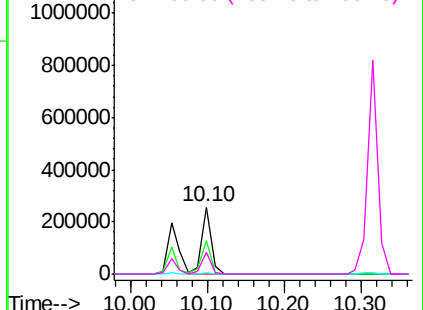
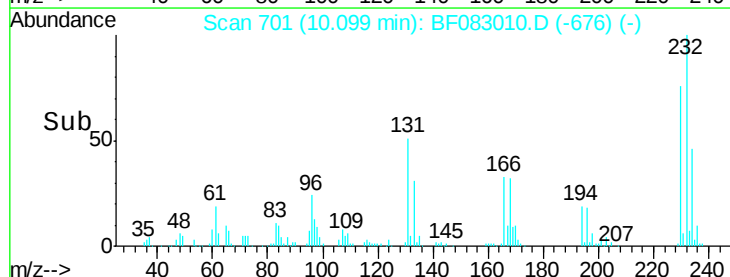


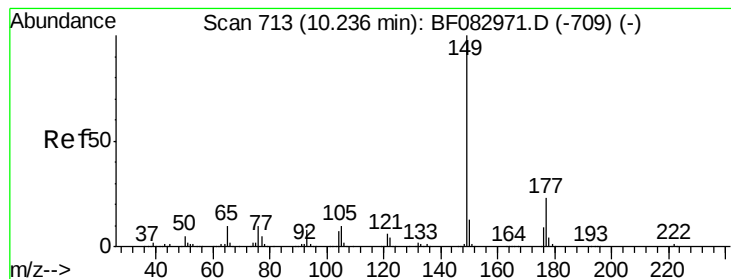
Abundance Ion 232.00 (231.70 to 232.70): E

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: 36.29 ng

RT: 10.20 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF083010.D

Acq: 18 Nov 2015 15:07

Instrument :

BNA_F

ClientSampleId :

PB86689BS

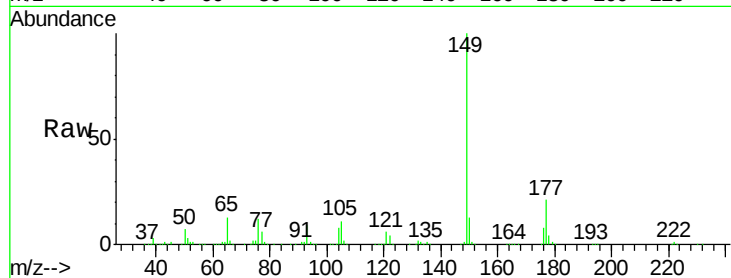
Tot Ion:149 Resp: 830615

Ion Ratio Lower Upper

149 100

177 21.1 17.9 26.9

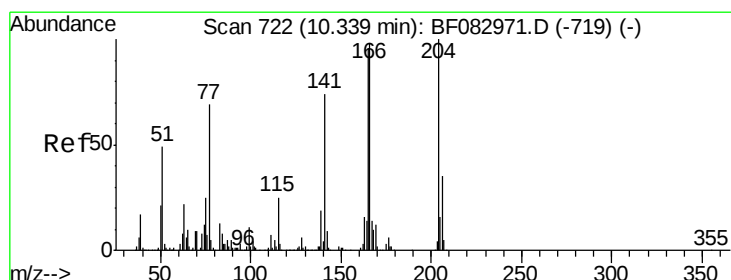
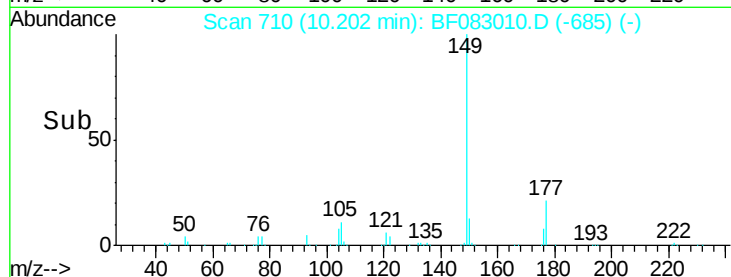
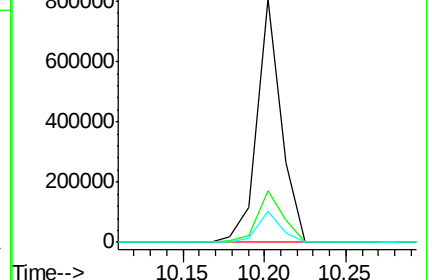
150 12.9 10.1 15.1



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: 39.48 ng

RT: 10.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BF083010.D

Acq: 18 Nov 2015 15:07

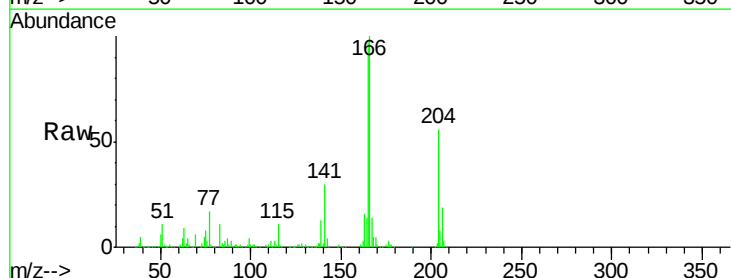
Tgt Ion:204 Resp: 410344

Ion Ratio Lower Upper

204 100

206 34.3 28.5 42.7

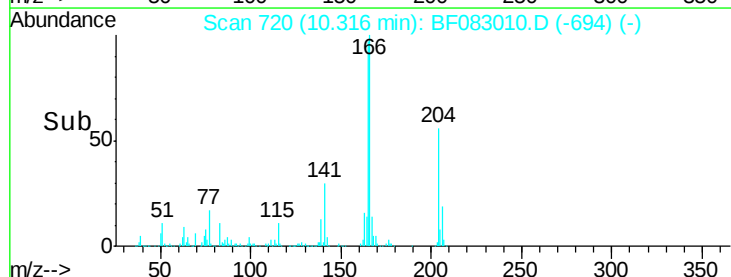
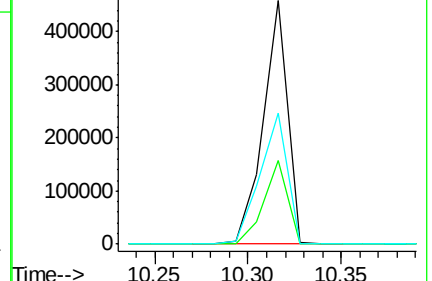
141 53.7 44.6 66.8

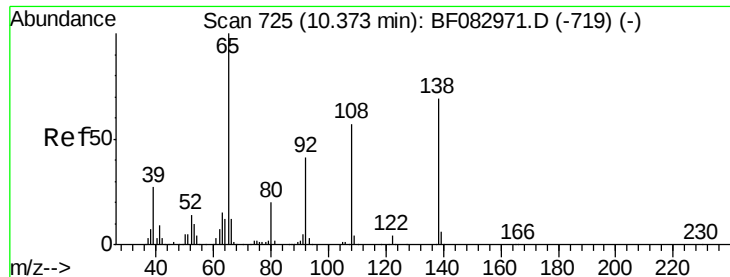


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

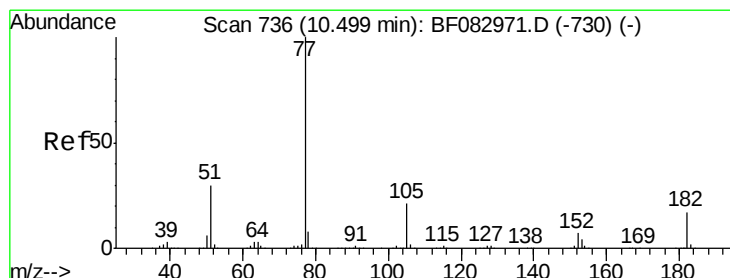
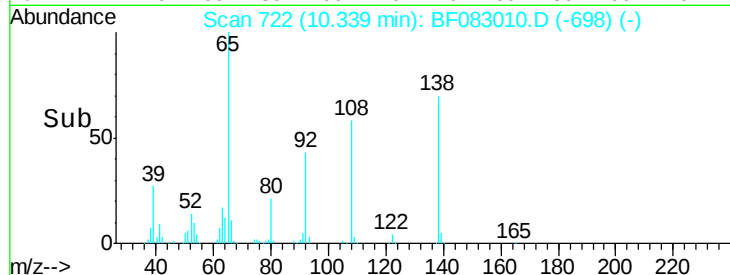
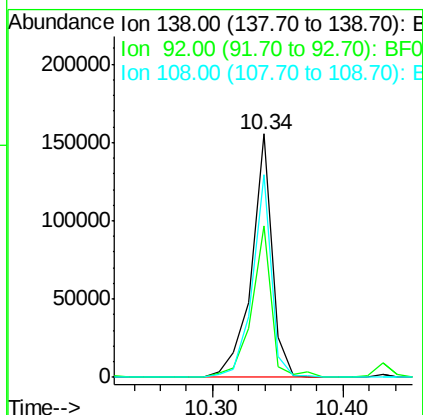
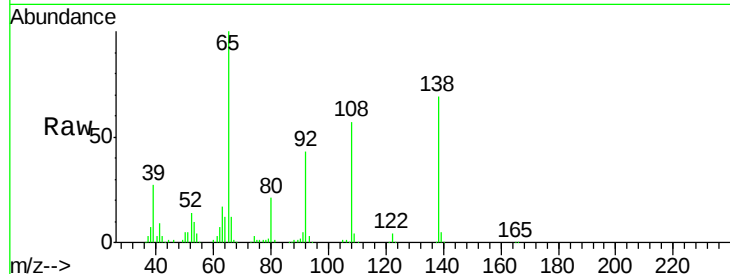




#61
4-Nitroaniline
Concen: 30.85 ng
RT: 10.34 min Scan# 722
Delta R.T. -0.02 min
Lab File: BF083010.D
Acq: 18 Nov 2015 15:07

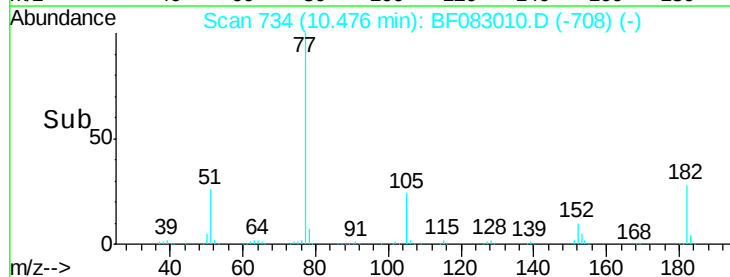
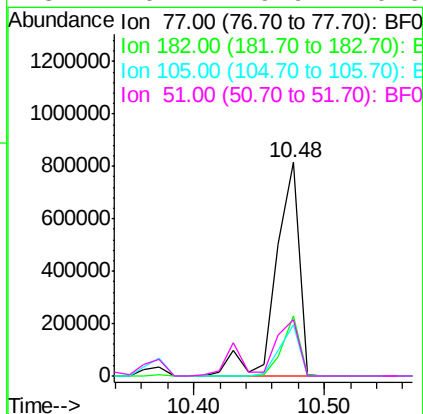
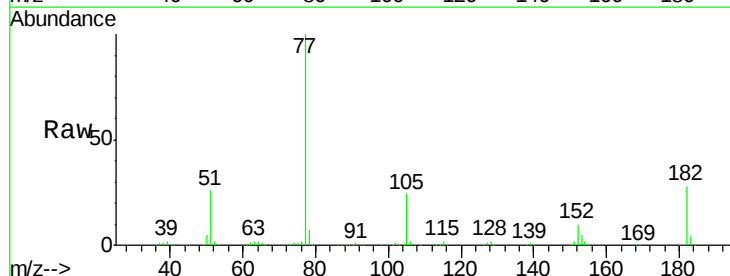
Instrument :
BNA_F
ClientSampleId :
PB86689BS

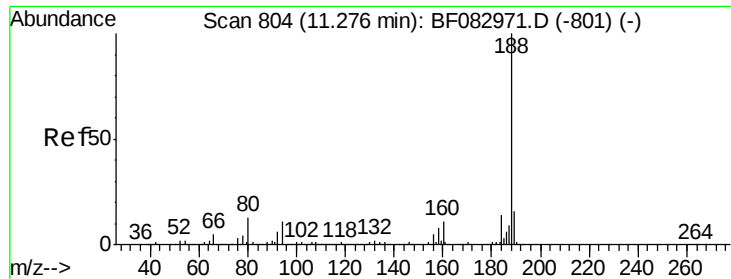
Tot Ion:138 Resp: 170678
Ion Ratio Lower Upper
138 100
92 62.1 45.8 85.8
108 83.5 89.4 129.4#



#62
Azobenzene
Concen: 41.73 ng
RT: 10.48 min Scan# 734
Delta R.T. -0.00 min
Lab File: BF083010.D
Acq: 18 Nov 2015 15:07

Tgt Ion: 77 Resp: 1025996
Ion Ratio Lower Upper
77 100
182 27.9 9.3 49.3
105 24.3 2.6 42.6
51 26.2 9.9 49.9

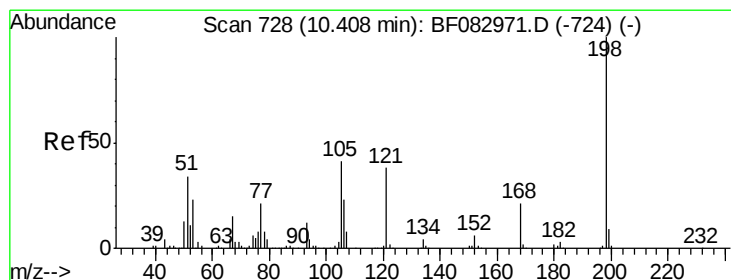
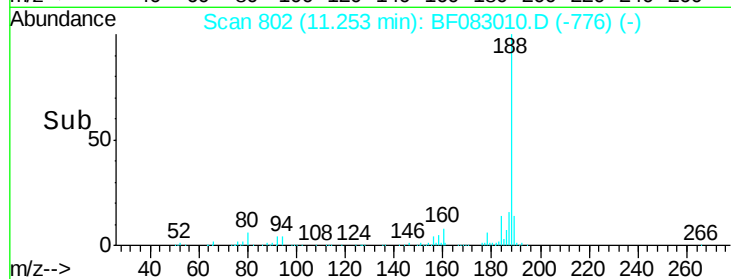
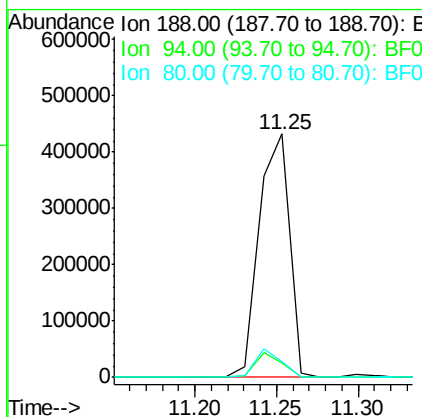
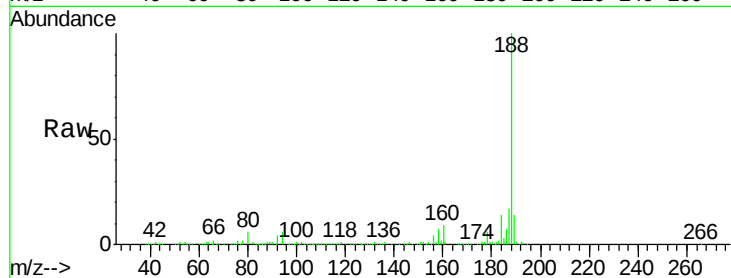




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF083010.D
Acq: 18 Nov 2015 15:07

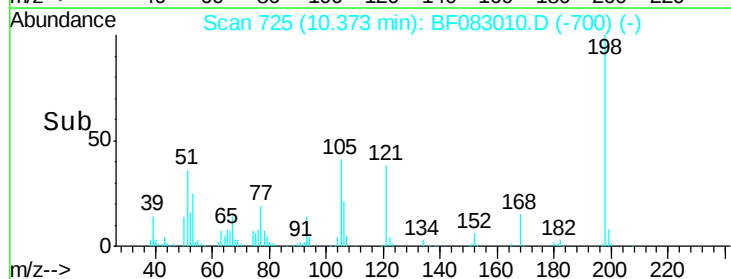
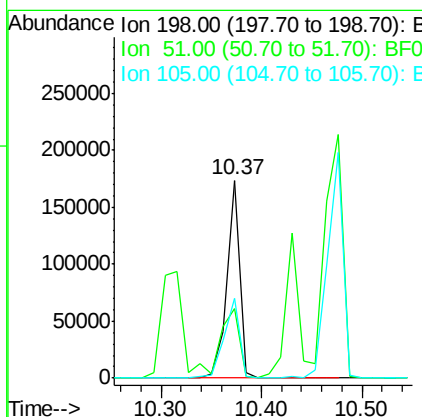
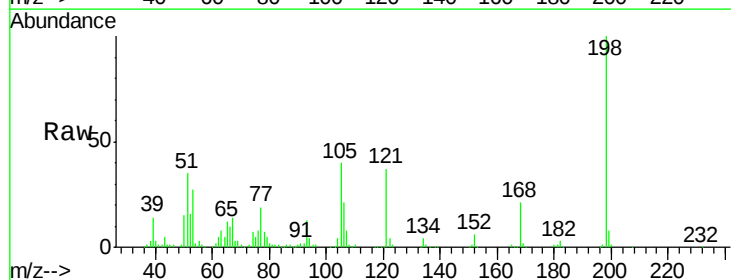
Instrument :
BNA_F
ClientSampleId :
PB86689BS

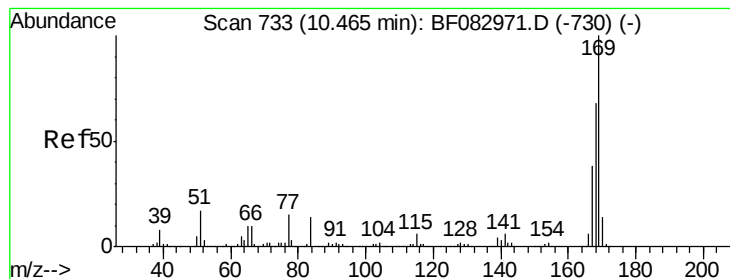
Tot Ion:188 Resp: 562262
Ion Ratio Lower Upper
188 100
94 6.2 6.1 9.1
80 6.5 7.0 10.6#



#64
4,6-Dinitro-2-methylphenol
Concen: 38.65 ng
RT: 10.37 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF083010.D
Acq: 18 Nov 2015 15:07

Tgt Ion:198 Resp: 154835
Ion Ratio Lower Upper
198 100
51 35.3 17.3 57.3
105 40.3 21.7 61.7





#65

n-Nitrosodiphenylamine

Concen: 32.47 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF083010.D

Acq: 18 Nov 2015 15:07

Instrument :

BNA_F

ClientSampleId :

PB86689BS

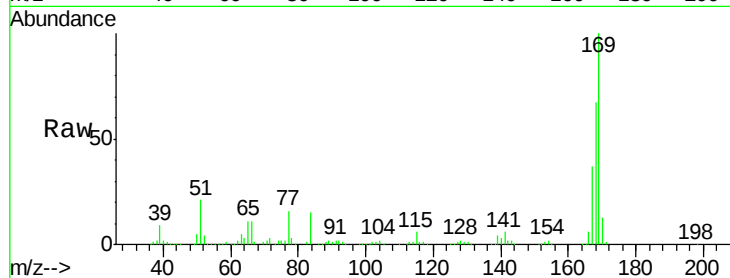
Tot Ion:169 Resp: 659634

Ion Ratio Lower Upper

169 100

168 66.8 55.0 82.6

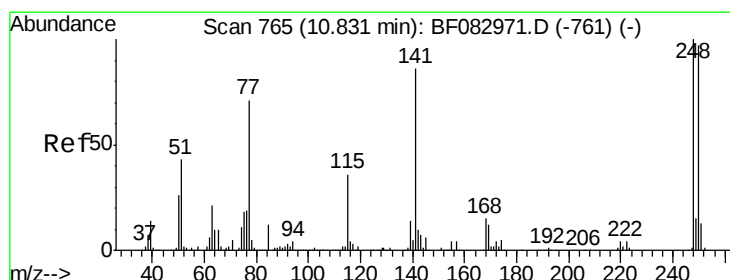
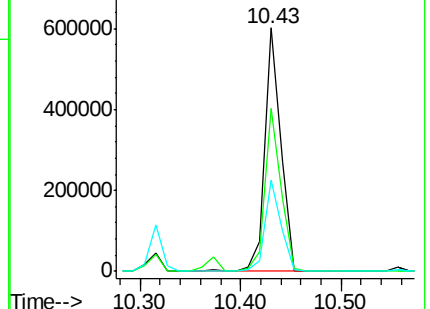
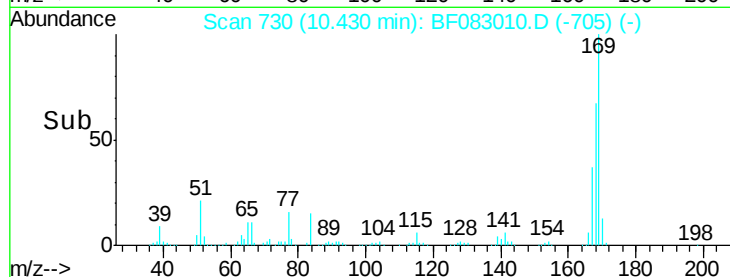
167 37.3 30.5 45.7



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: 32.98 ng

RT: 10.80 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF083010.D

Acq: 18 Nov 2015 15:07

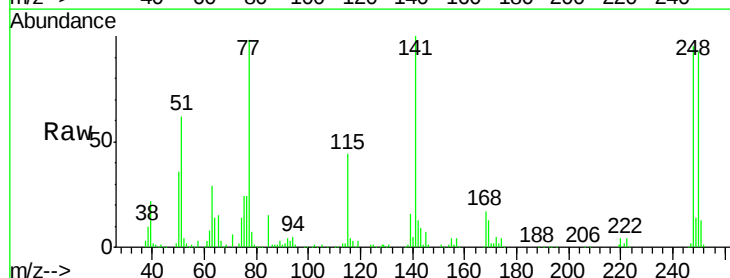
Tgt Ion:248 Resp: 223279

Ion Ratio Lower Upper

248 100

250 97.7 79.4 119.2

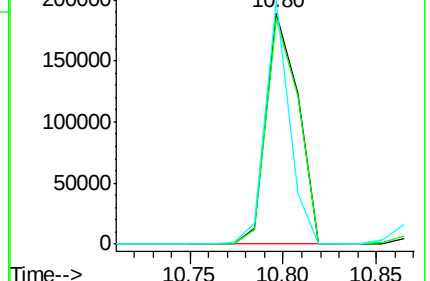
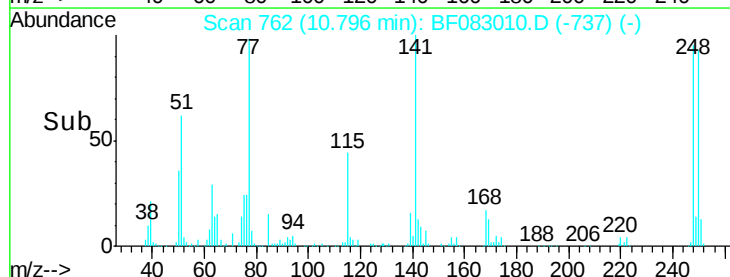
141 105.5 36.3 54.5#

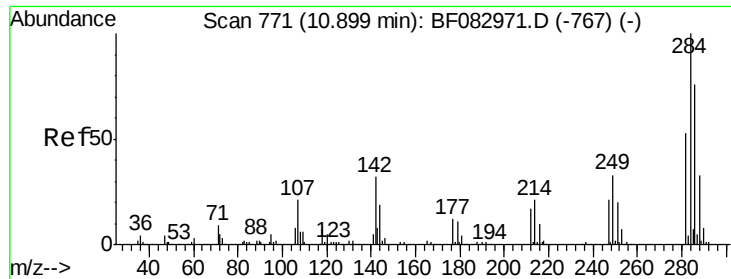


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

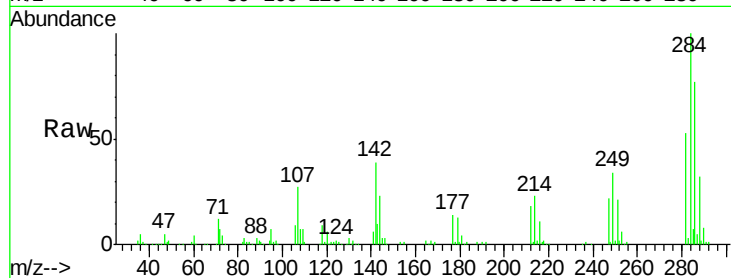




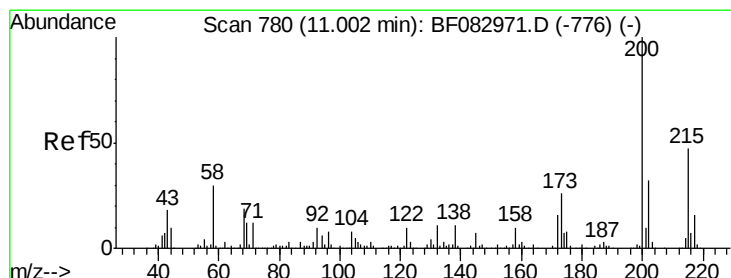
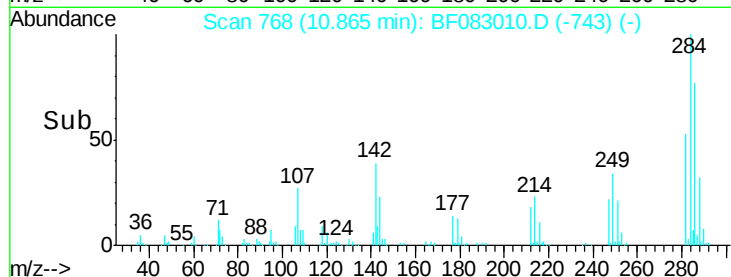
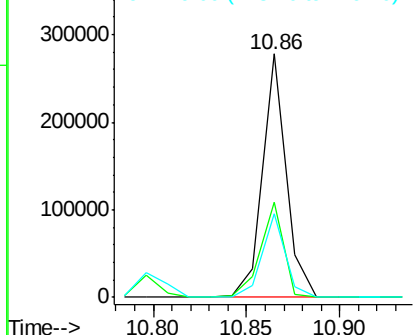
#67
Hexachlorobenzene
Concen: 32.96 ng
RT: 10.86 min Scan# 768
Delta R.T. -0.01 min
Lab File: BF083010.D
Acq: 18 Nov 2015 15:07

Instrument :
BNA_F
ClientSampleId :
PB86689BS

Tot Ion:284 Resp: 249191
Ion Ratio Lower Upper
284 100
142 39.2 47.9 71.9#
249 34.4 29.7 44.5

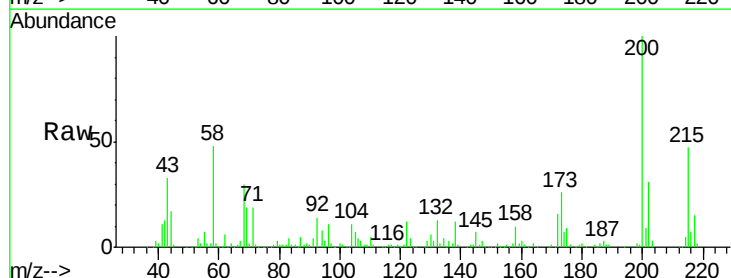


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

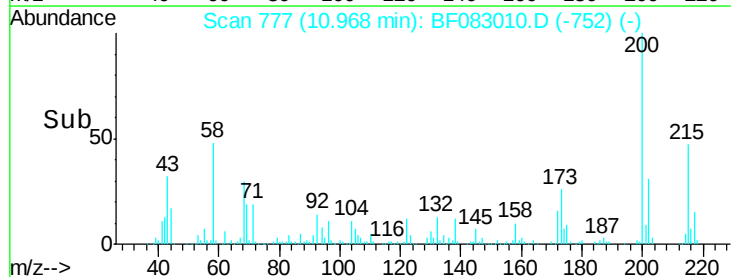
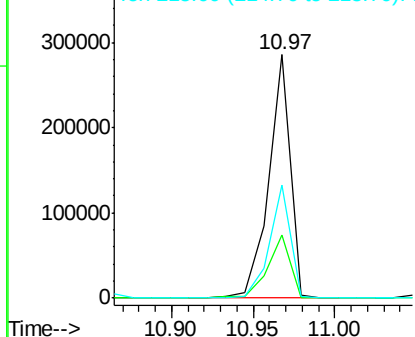


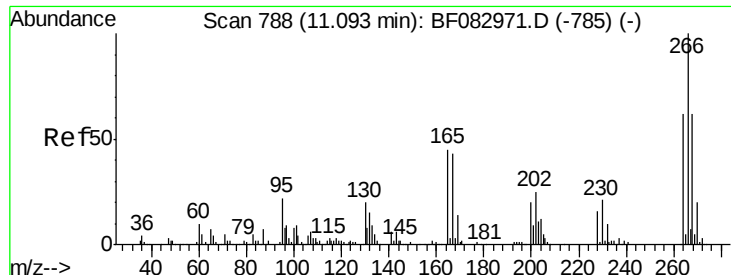
#68
Atrazine
Concen: 41.68 ng
RT: 10.97 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF083010.D
Acq: 18 Nov 2015 15:07

Tgt Ion:200 Resp: 261780
Ion Ratio Lower Upper
200 100
173 26.0 6.9 46.9
215 46.5 22.9 62.9



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

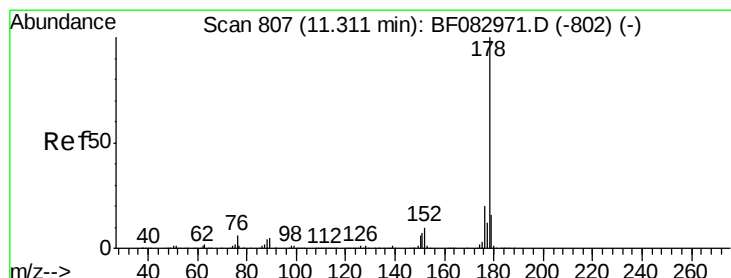
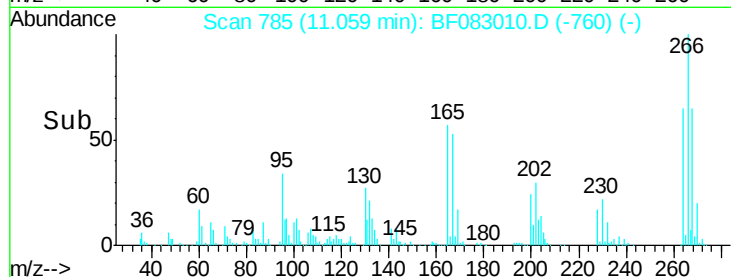
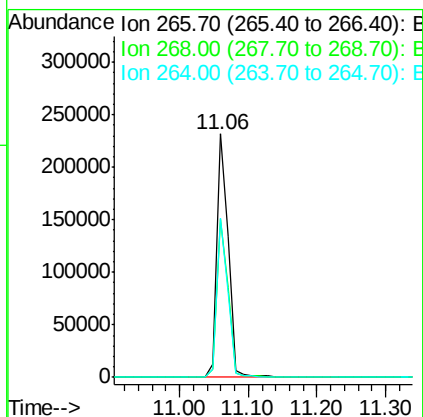
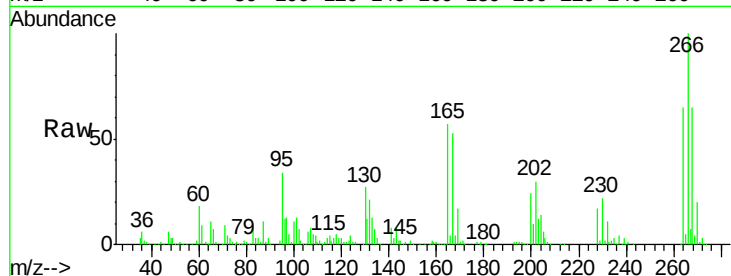




#69
 Pentachlorophenol
 Concen: 59.53 ng
 RT: 11.06 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF083010.D
 Acq: 18 Nov 2015 15:07

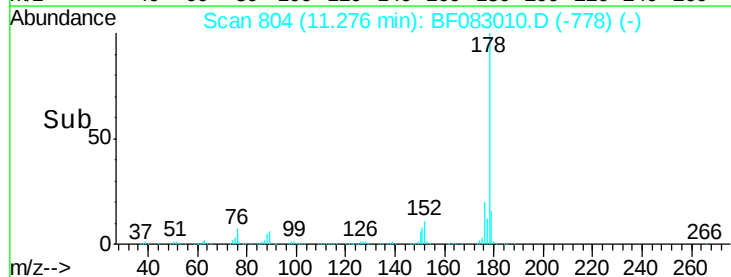
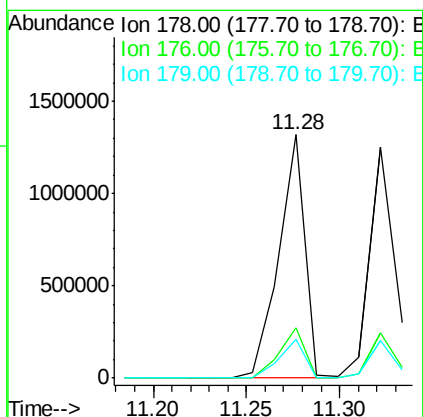
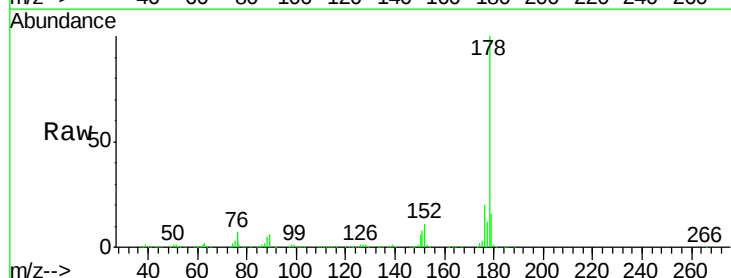
Instrument :
 BNA_F
 ClientSampleId :
 PB86689BS

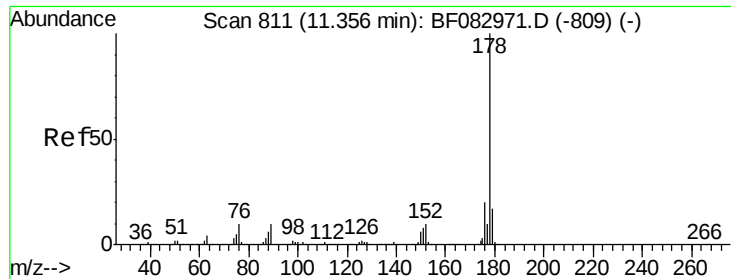
Tot Ion	Ratio	Lower	Upper
266	100		
268	64.6	51.0	76.6
264	65.2	50.6	75.8



#70
 Phenanthrene
 Concen: 39.16 ng
 RT: 11.28 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: BF083010.D
 Acq: 18 Nov 2015 15:07

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.5	17.0	25.4
179	15.9	13.4	20.0

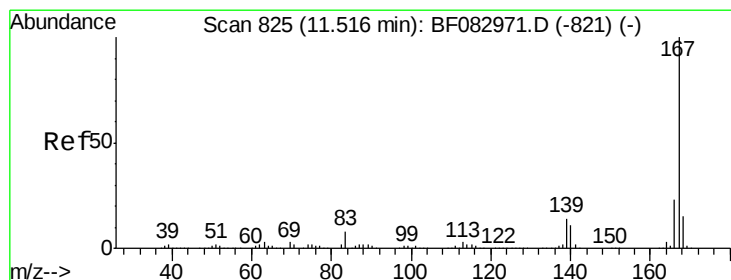
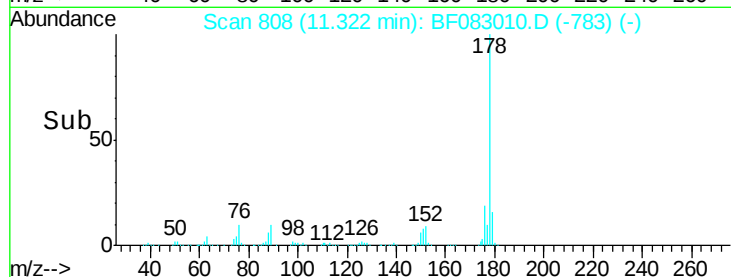
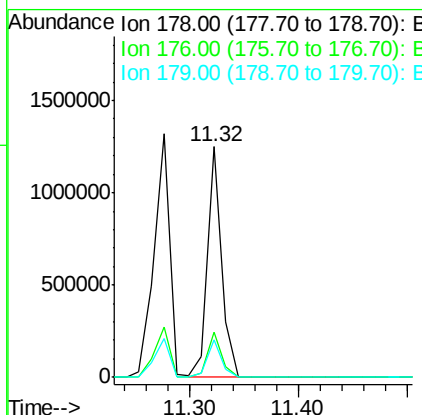
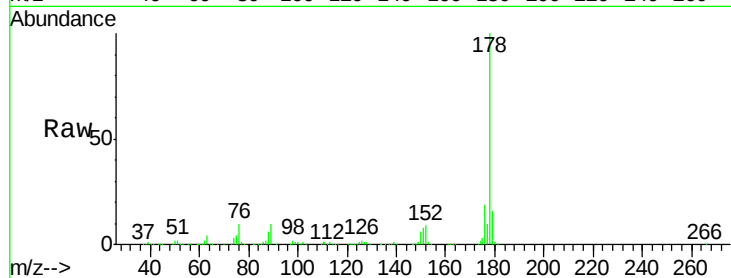




#71
 Anthracene
 Concen: 33.35 ng
 RT: 11.32 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: BF083010.D
 Acq: 18 Nov 2015 15:07

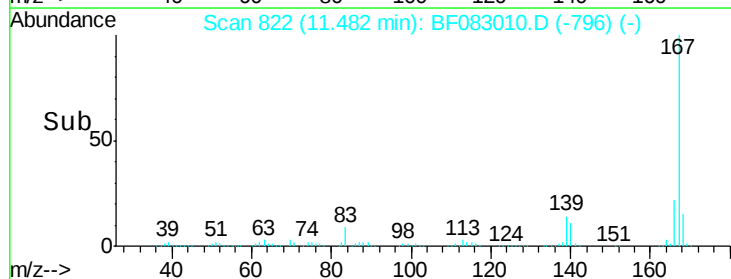
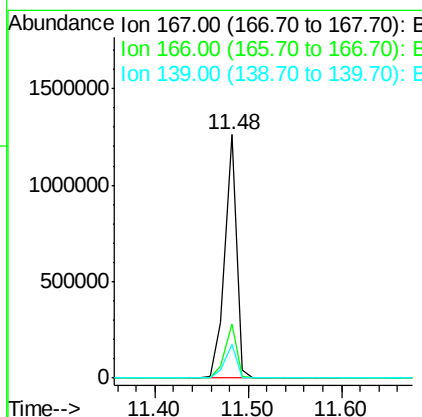
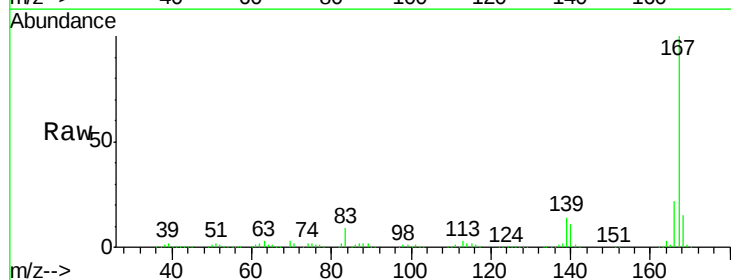
Instrument :
 BNA_F
 ClientSampleId :
 PB86689BS

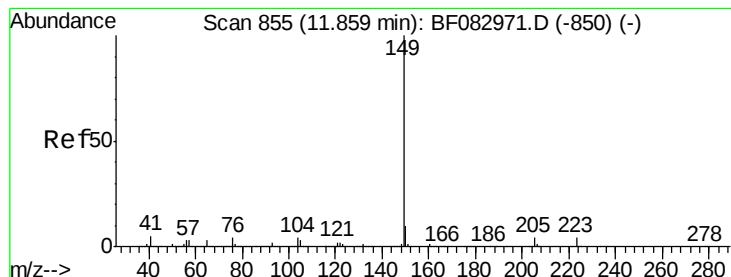
Tot Ion:178 Resp: 1147201
 Ion Ratio Lower Upper
 178 100
 176 19.5 16.5 24.7
 179 16.0 13.2 19.8



#72
 Carbazole
 Concen: 36.71 ng
 RT: 11.48 min Scan# 822
 Delta R.T. -0.00 min
 Lab File: BF083010.D
 Acq: 18 Nov 2015 15:07

Tgt Ion:167 Resp: 1105227
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.7 28.1
 139 13.8 11.8 17.6





#73

Di-n-butylphthalate

Concen: 37.97 ng

RT: 11.82 min Scan# 852

Delta R.T. -0.00 min

Lab File: BF083010.D

Acq: 18 Nov 2015 15:07

Instrument :

BNA_F

ClientSampleId :

PB86689BS

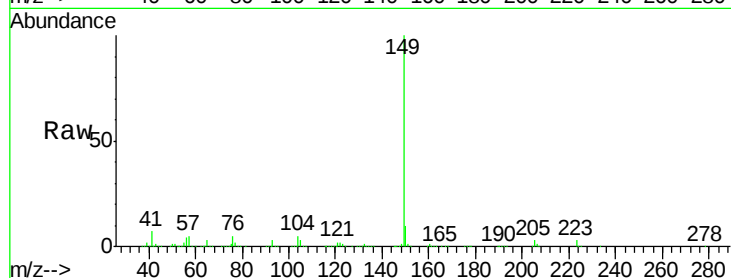
Tot Ion:149 Resp: 1424311

Ion Ratio Lower Upper

149 100

150 9.9 8.1 12.1

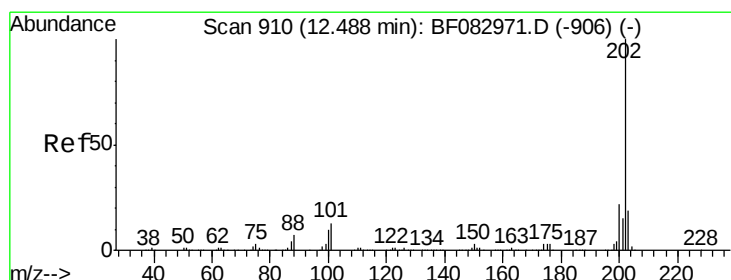
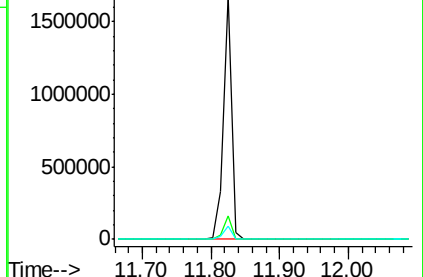
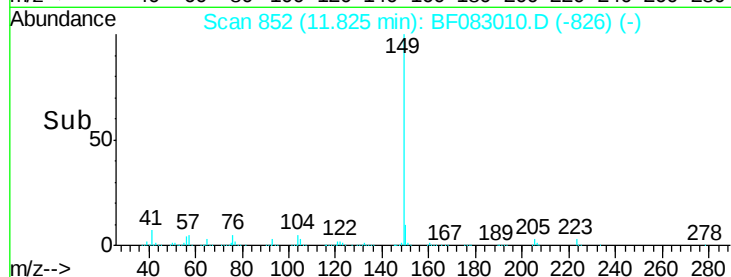
104 5.2 5.2 7.8



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: 33.10 ng

RT: 12.45 min Scan# 907

Delta R.T. -0.01 min

Lab File: BF083010.D

Acq: 18 Nov 2015 15:07

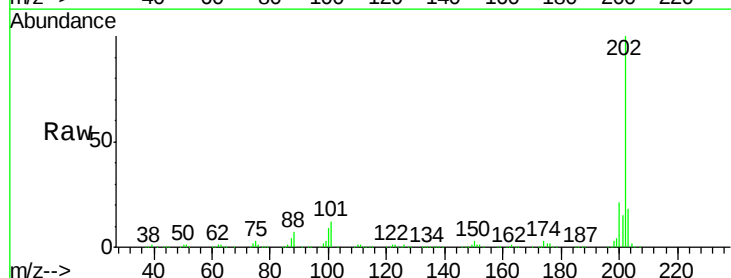
Tgt Ion:202 Resp: 1159627

Ion Ratio Lower Upper

202 100

101 11.9 0.0 30.5

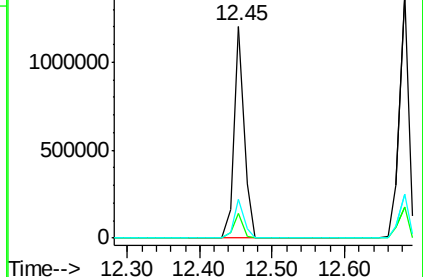
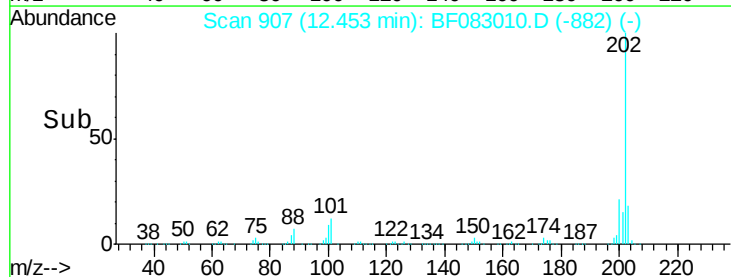
203 18.3 0.0 38.5

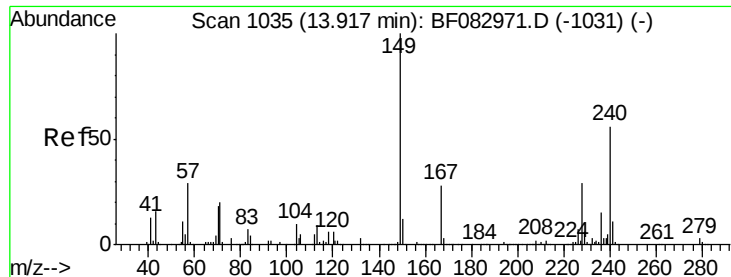


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.88 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF083010.D

Acq: 18 Nov 2015 15:07

Instrument :

BNA_F

ClientSampleId :

PB86689BS

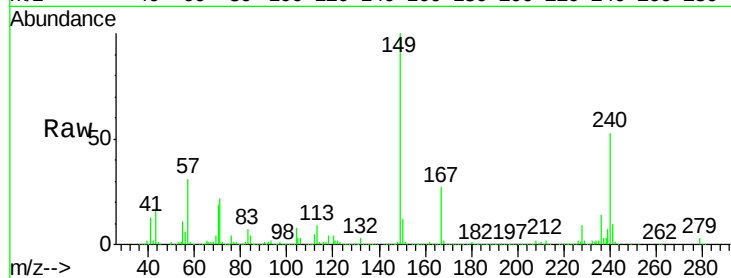
Tot Ion:240 Resp: 593819

Ion Ratio Lower Upper

240 100

120 8.3 10.9 16.3#

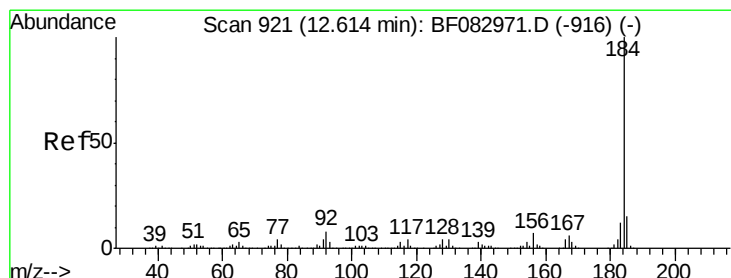
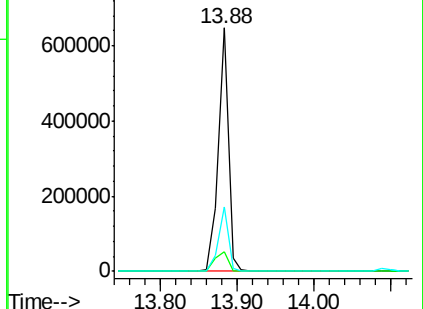
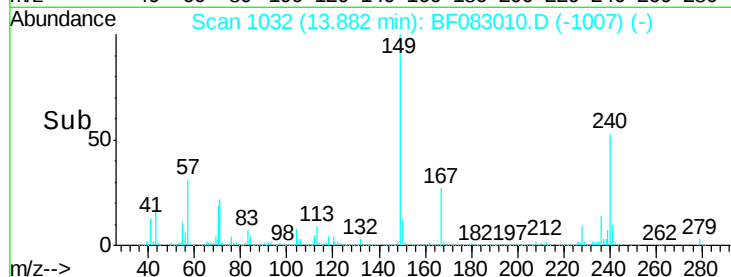
236 26.4 21.6 32.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 30.11 ng

RT: 12.58 min Scan# 918

Delta R.T. -0.01 min

Lab File: BF083010.D

Acq: 18 Nov 2015 15:07

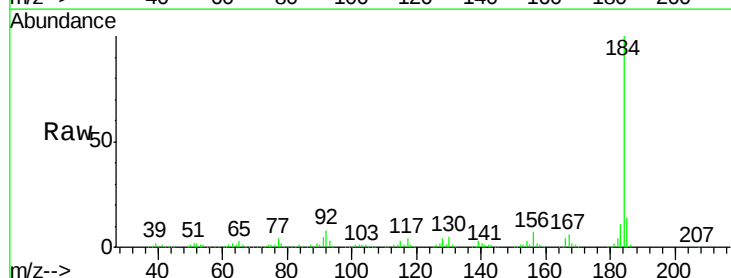
Tgt Ion:184 Resp: 599304

Ion Ratio Lower Upper

184 100

185 14.4 12.0 18.0

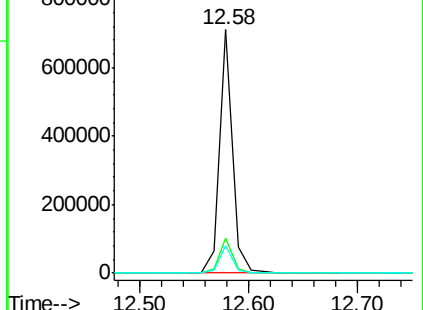
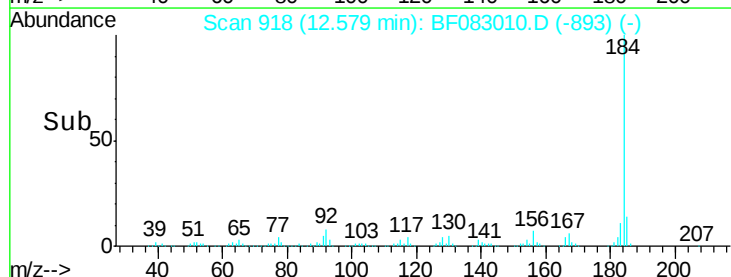
183 11.4 9.6 14.4

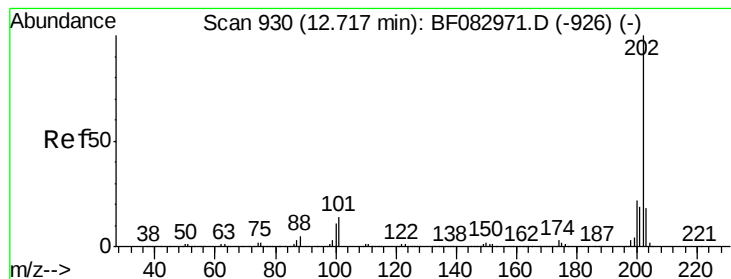


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 30.64 ng

RT: 12.68 min Scan# 927

Delta R.T. -0.01 min

Lab File: BF083010.D

Acq: 18 Nov 2015 15:07

Instrument :

BNA_F

ClientSampleId :

PB86689BS

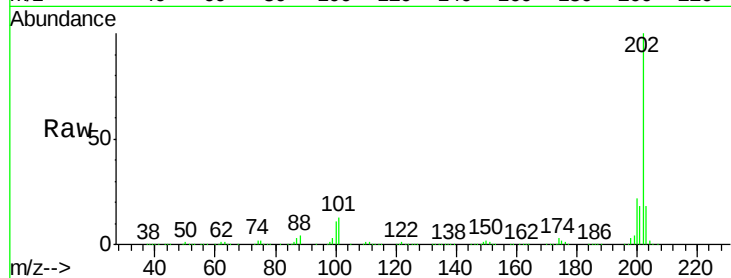
Tot Ion:202 Resp: 1249342

Ion Ratio Lower Upper

202 100

200 22.2 18.7 28.1

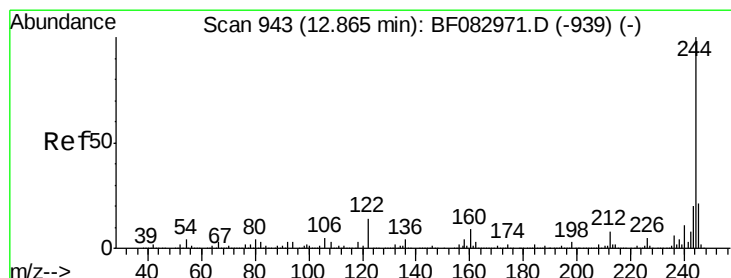
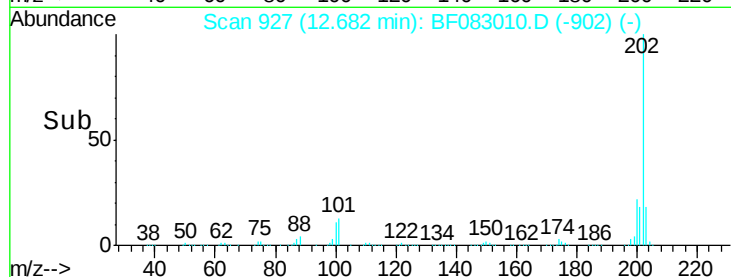
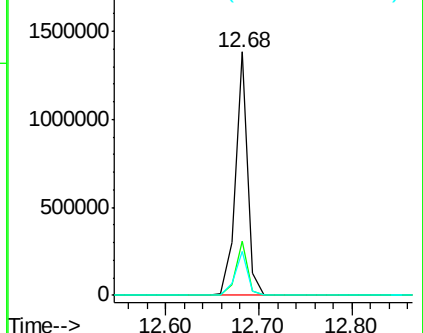
203 18.0 14.8 22.2



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: 58.78 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF083010.D

Acq: 18 Nov 2015 15:07

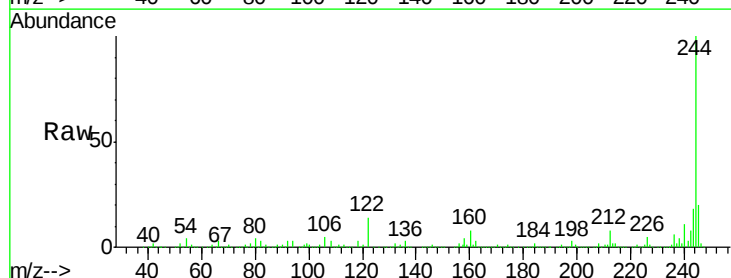
Tgt Ion:244 Resp: 1471576

Ion Ratio Lower Upper

244 100

212 8.3 7.6 11.4

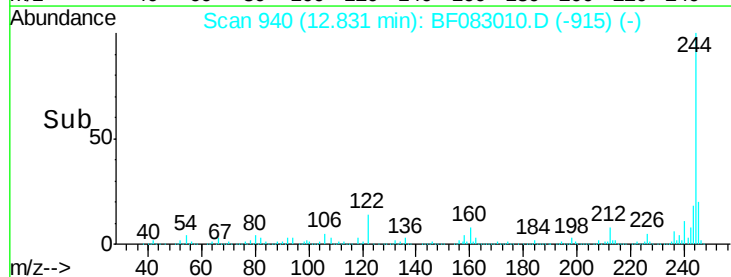
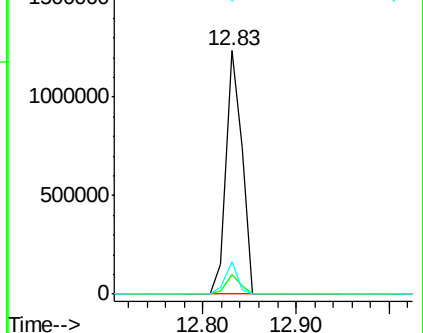
122 13.5 11.3 16.9

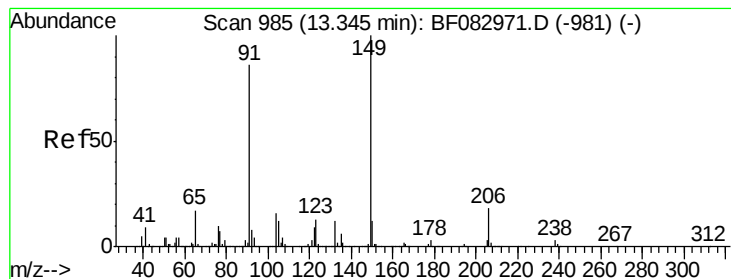


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 30.88 ng

RT: 13.31 min Scan# 982

Delta R.T. -0.01 min

Lab File: BF083010.D

Acq: 18 Nov 2015 15:07

Instrument :

BNA_F

ClientSampleId :

PB86689BS

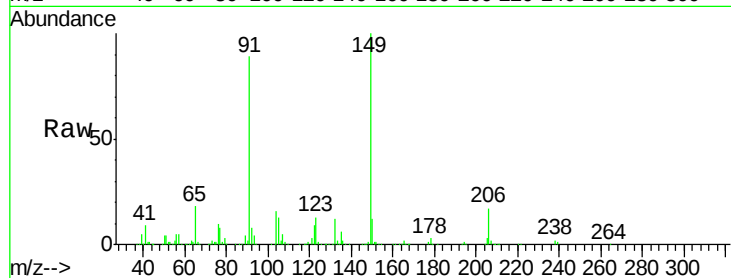
Tot Ion:149 Resp: 556243

Ion Ratio Lower Upper

149 100

91 88.8 67.7 101.5

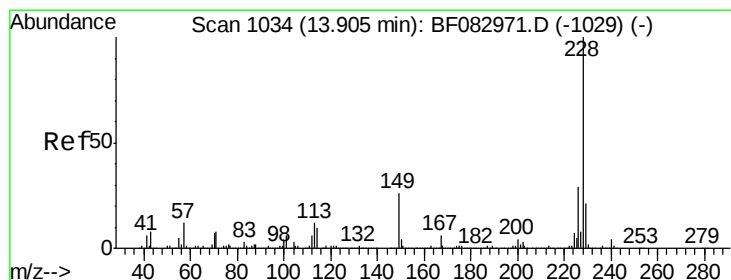
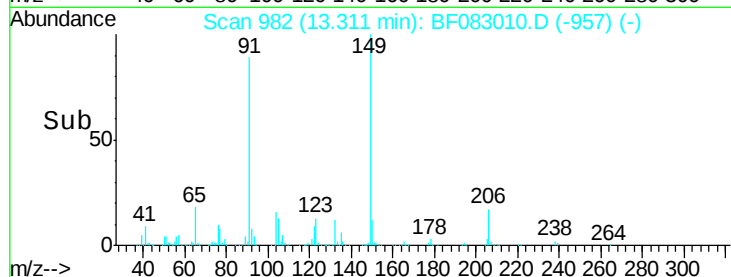
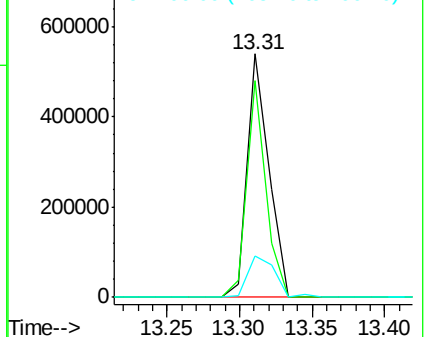
206 17.0 14.6 22.0



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: 40.22 ng

RT: 13.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BF083010.D

Acq: 18 Nov 2015 15:07

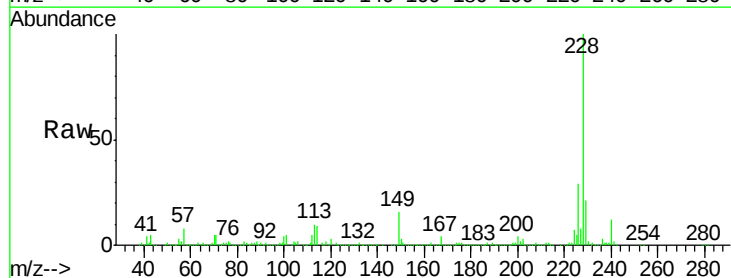
Tgt Ion:228 Resp: 1493462

Ion Ratio Lower Upper

228 100

226 28.9 23.4 35.2

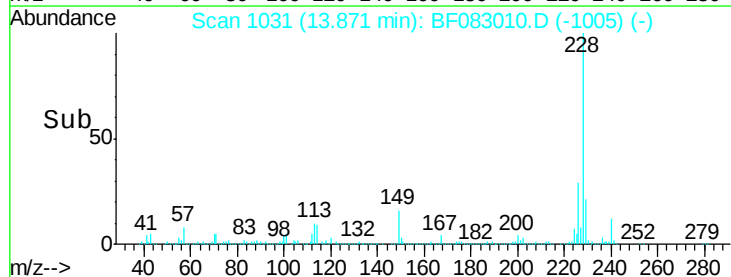
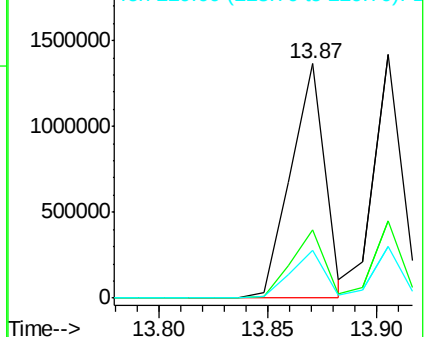
229 20.5 16.3 24.5

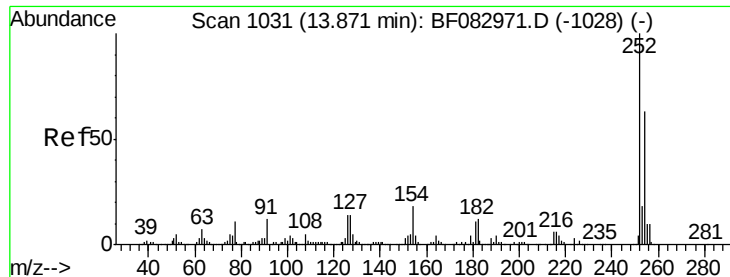


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

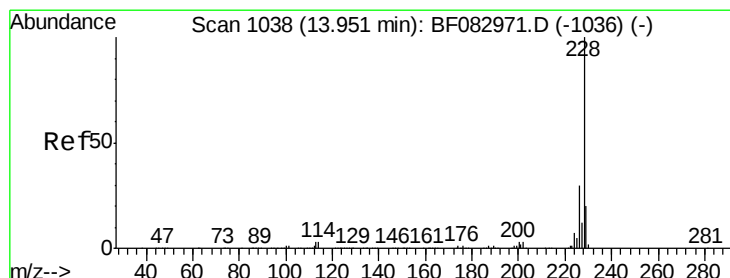
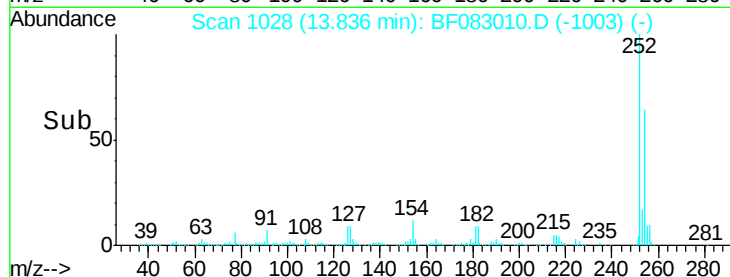
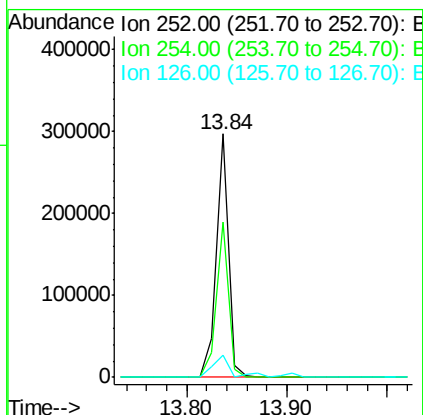
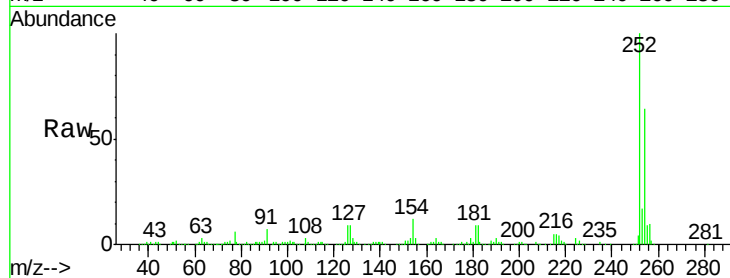




#81
 3,3'-Dichlorobenzidine
 Concen: 18.90 ng
 RT: 13.84 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BF083010.D
 Acq: 18 Nov 2015 15:07

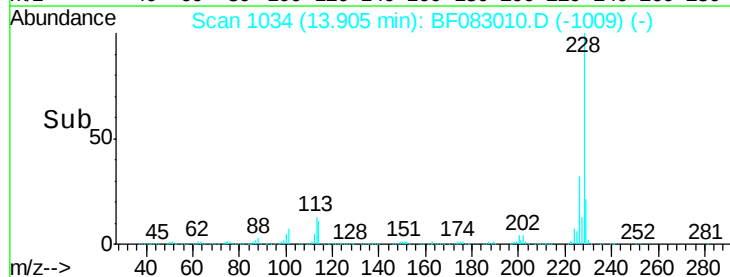
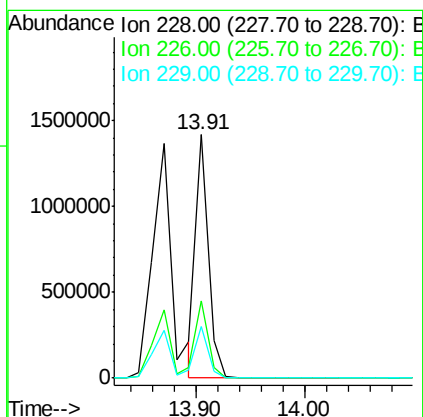
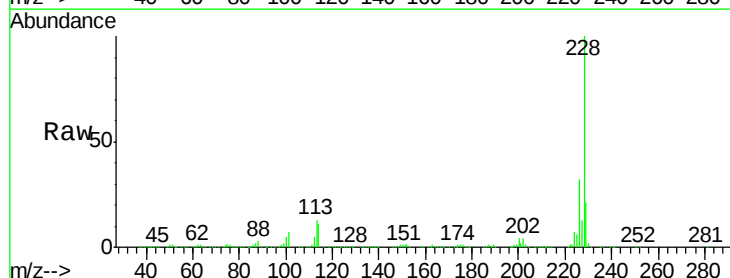
Instrument :
 BNA_F
 ClientSampleId :
 PB86689BS

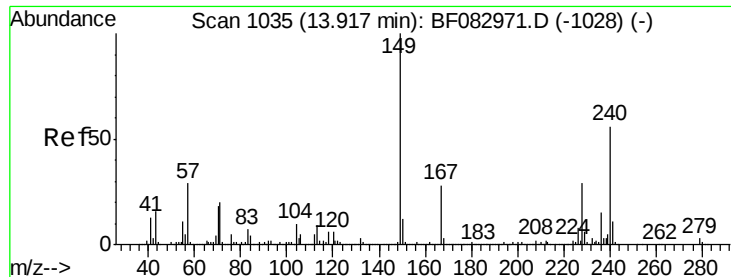
Tot Ion:252 Resp: 249522
 Ion Ratio Lower Upper
 252 100
 254 63.6 51.4 77.0
 126 9.0 10.7 16.1#



#82
 Chrysene
 Concen: 33.56 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BF083010.D
 Acq: 18 Nov 2015 15:07

Tgt Ion:228 Resp: 1141305
 Ion Ratio Lower Upper
 228 100
 226 32.0 25.5 38.3
 229 21.0 16.3 24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.83 ng

RT: 13.88 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF083010.D

Acq: 18 Nov 2015 15:07

Instrument :

BNA_F

ClientSampleId :

PB86689BS

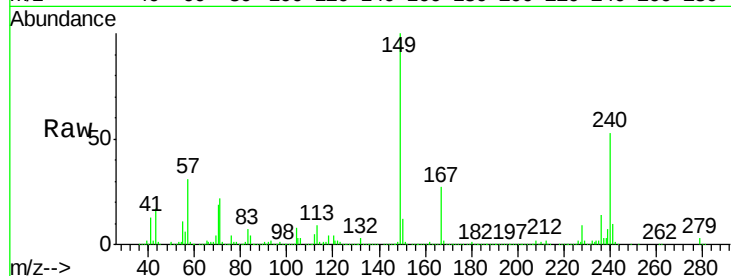
Tot Ion:149 Resp: 1056173

Ion Ratio Lower Upper

149 100

167 27.3 21.2 31.8

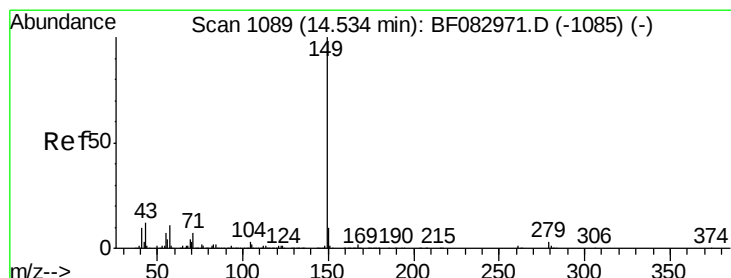
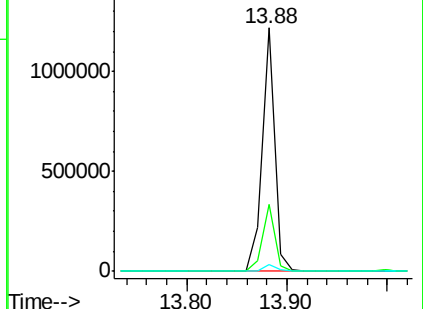
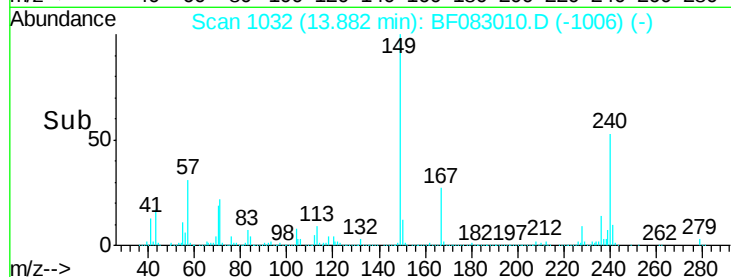
279 2.9 2.2 3.2



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: 44.31 ng

RT: 14.50 min Scan# 1086

Delta R.T. -0.00 min

Lab File: BF083010.D

Acq: 18 Nov 2015 15:07

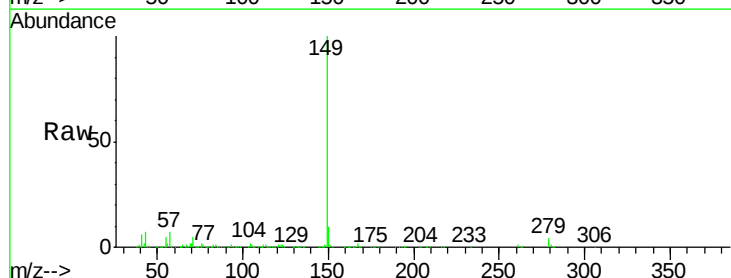
Tgt Ion:149 Resp: 1822590

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

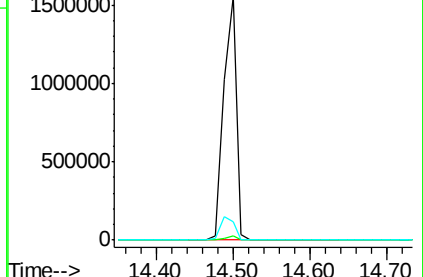
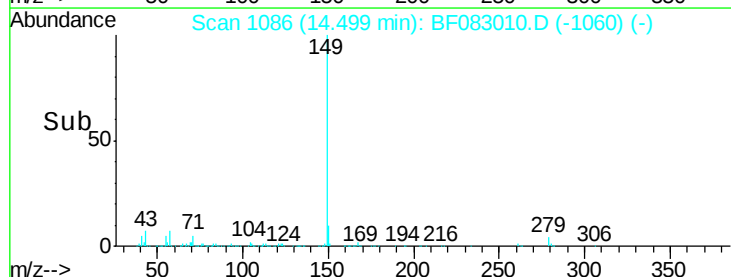
43 10.5 10.1 15.1

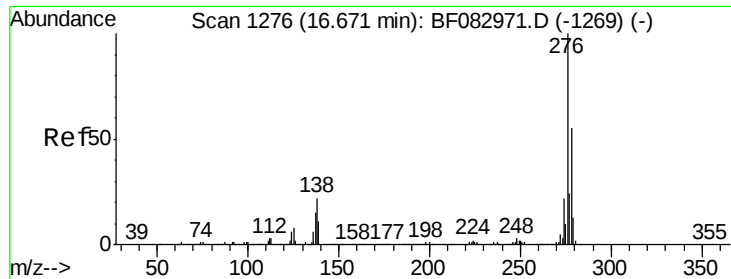


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

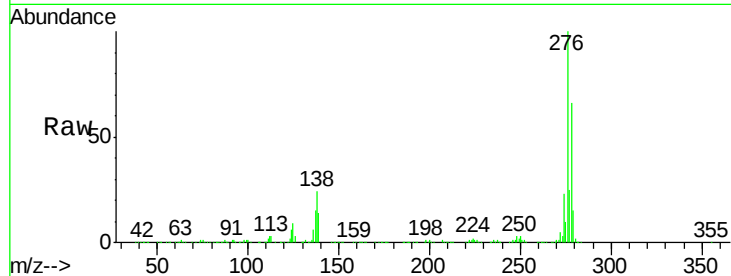




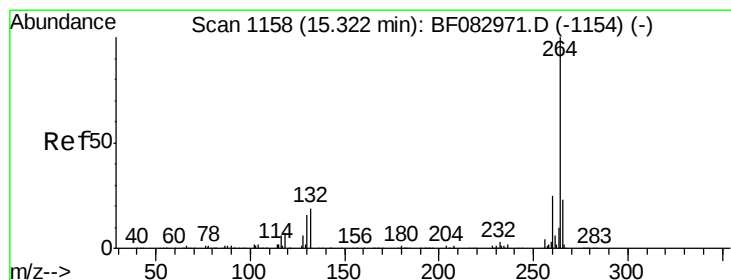
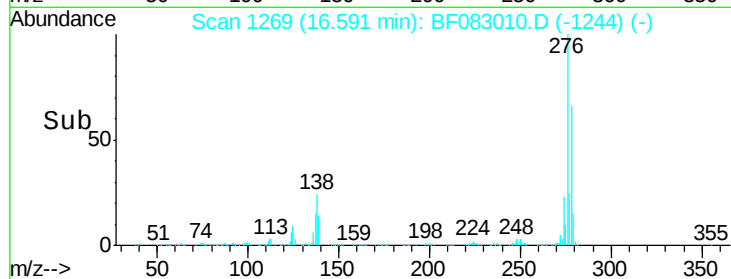
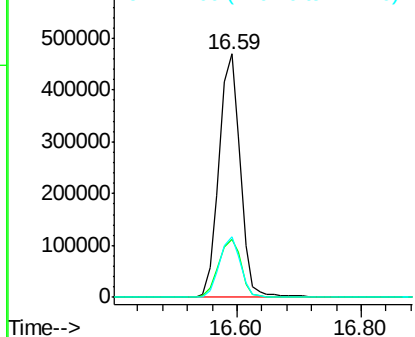
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.78 ng
 RT: 16.59 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: BF083010.D
 Acq: 18 Nov 2015 15:07

Instrument :
 BNA_F
 ClientSampleId :
 PB86689BS

Tot Ion:276 Resp: 1106619
 Ion Ratio Lower Upper
 276 100
 138 25.5 15.3 22.9#
 277 25.0 20.2 30.4

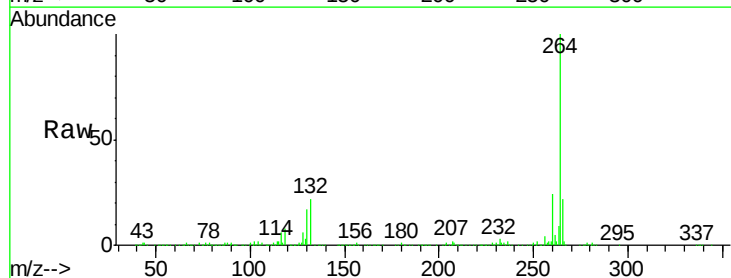


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

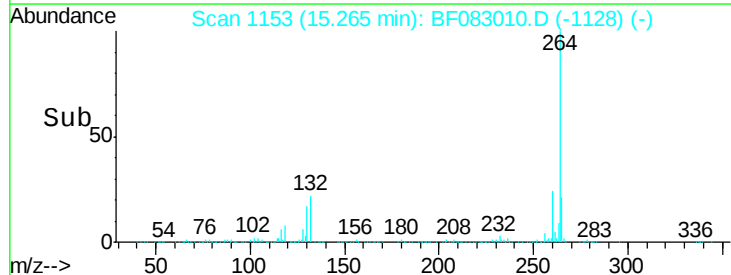
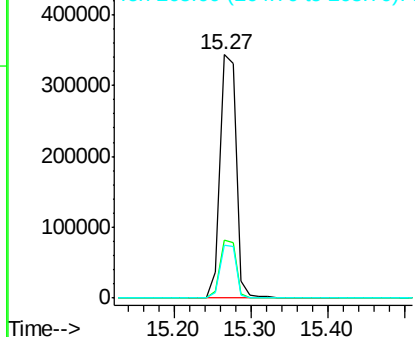


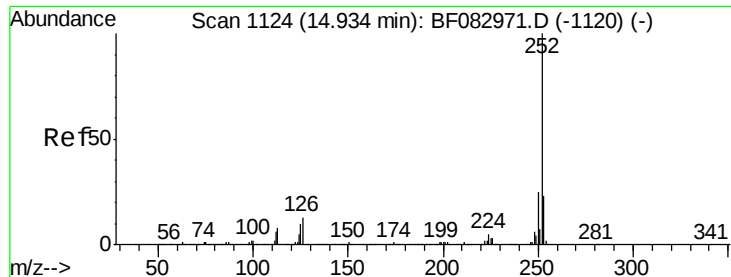
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.27 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BF083010.D
 Acq: 18 Nov 2015 15:07

Tgt Ion:264 Resp: 514828
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.8 29.6
 265 21.6 17.4 26.0



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

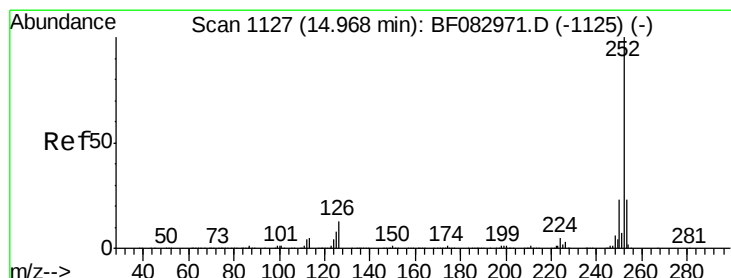
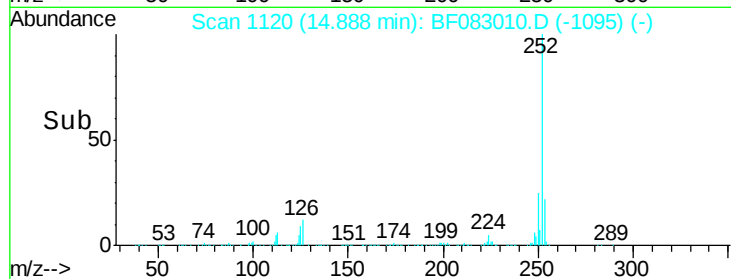
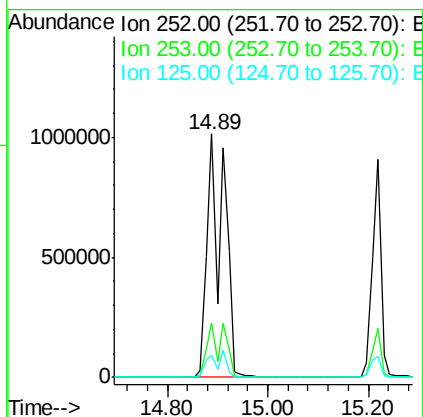
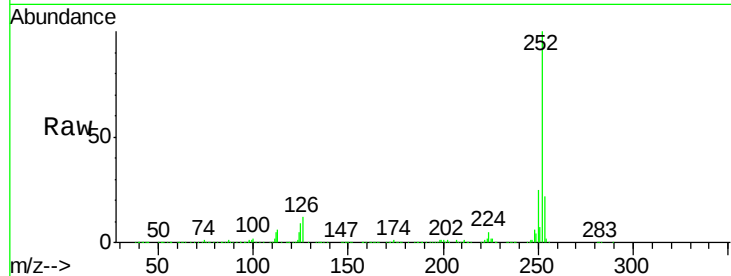




#87
Benzo(b)fluoranthene
Concen: 70.74 ng
RT: 14.89 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BF083010.D
Acq: 18 Nov 2015 15:07

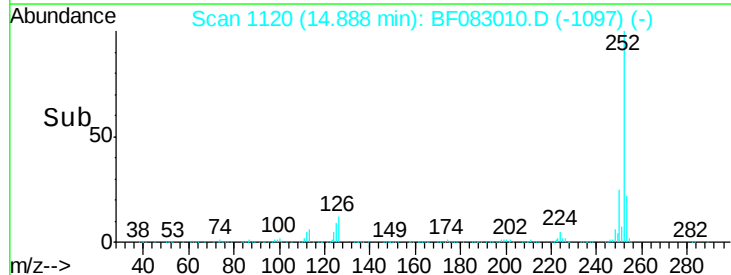
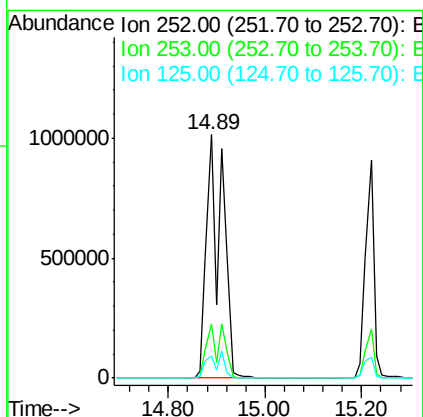
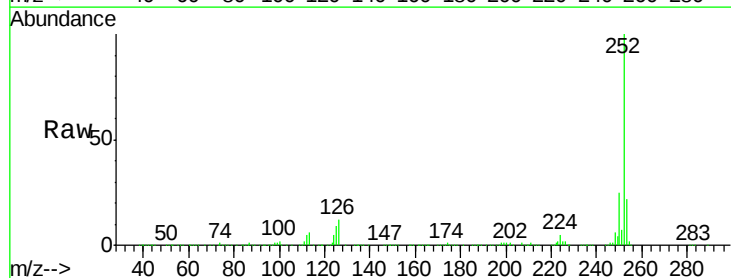
Instrument :
BNA_F
ClientSampleId :
PB86689BS

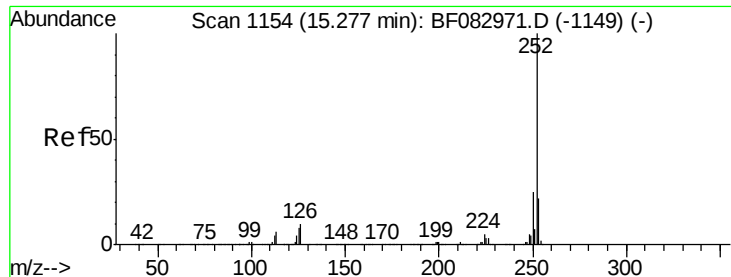
Tot Ion:252 Resp: 2337811
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 9.1 5.4 8.2#



#88
Benzo(k)fluoranthene
Concen: 79.76 ng
RT: 14.89 min Scan# 1120
Delta R.T. -0.03 min
Lab File: BF083010.D
Acq: 18 Nov 2015 15:07

Tgt Ion:252 Resp: 2338268
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 9.1 3.5 5.3#

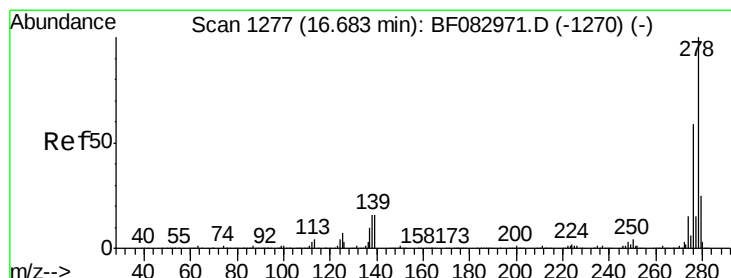
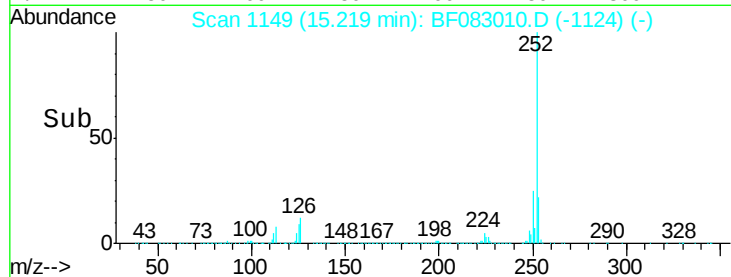
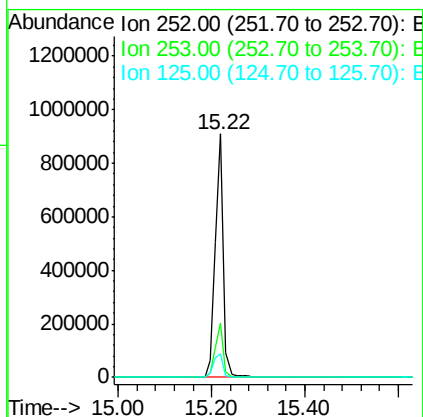
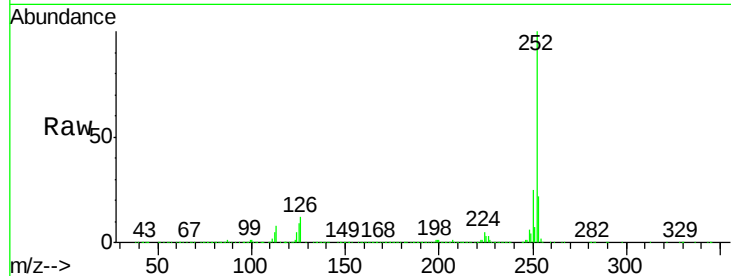




#89
Benzo(a)pyrene
Concen: 38.56 ng
RT: 15.22 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BF083010.D
Acq: 18 Nov 2015 15:07

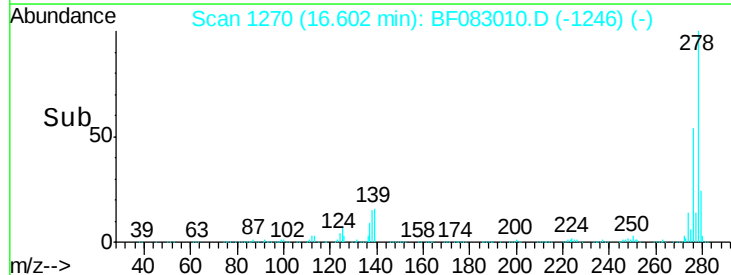
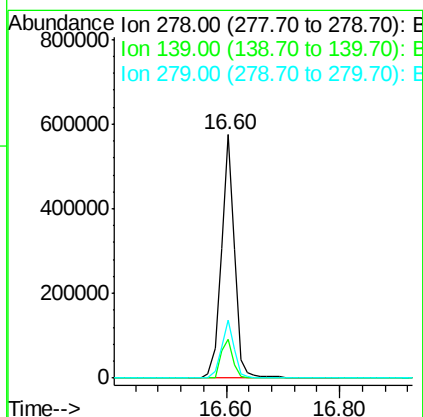
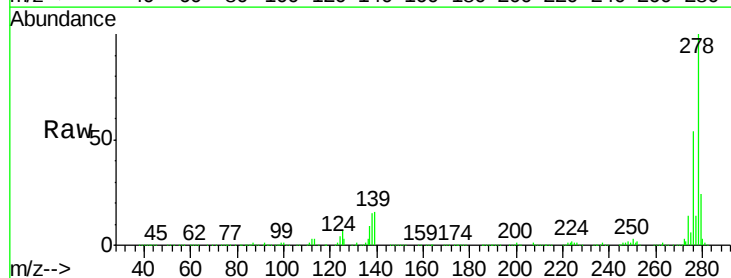
Instrument :
BNA_F
ClientSampleId :
PB86689BS

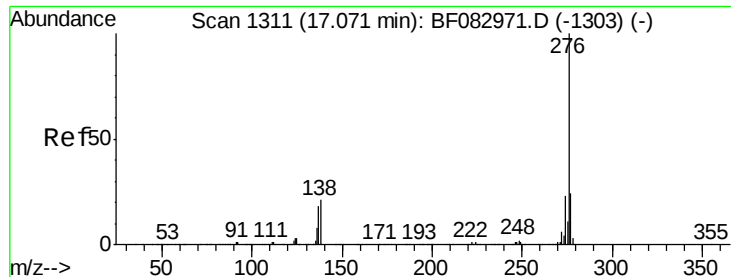
Tot Ion:252 Resp: 1103985
Ion Ratio Lower Upper
252 100
253 22.4 17.3 25.9
125 9.4 7.1 10.7



#90
Dibenzo(a,h)anthracene
Concen: 38.60 ng
RT: 16.60 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BF083010.D
Acq: 18 Nov 2015 15:07

Tgt Ion:278 Resp: 935783
Ion Ratio Lower Upper
278 100
139 15.9 9.9 14.9#
279 24.0 19.6 29.4





#91
 Benzo(a,h,i)perylene
 Concen: 40.25 ng
 RT: 16.98 min Scan# 1303
 Delta R.T. -0.02 min
 Lab File: BF083010.D
 Acq: 18 Nov 2015 15:07

Instrument :
 BNA_F
 ClientSampleId :
 PB86689BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.2	28.8
138	22.9	13.1	19.7

