

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 :

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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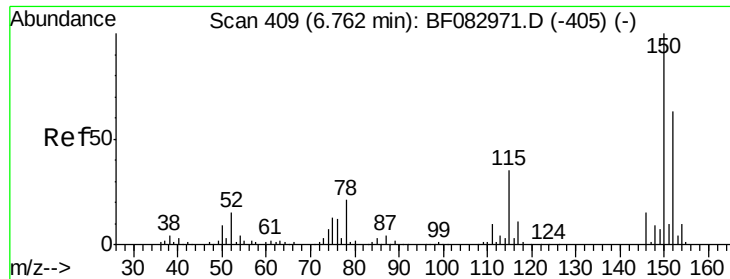
Instrument :
 BNA_F
 ClientSampleId :

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
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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

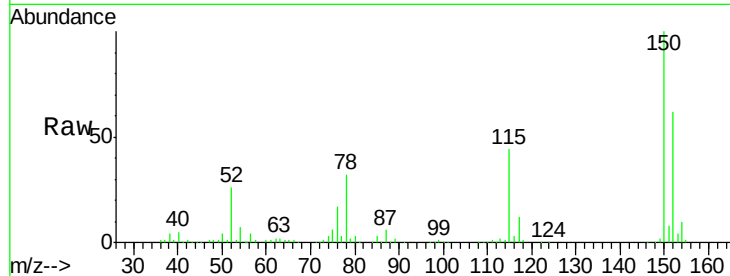


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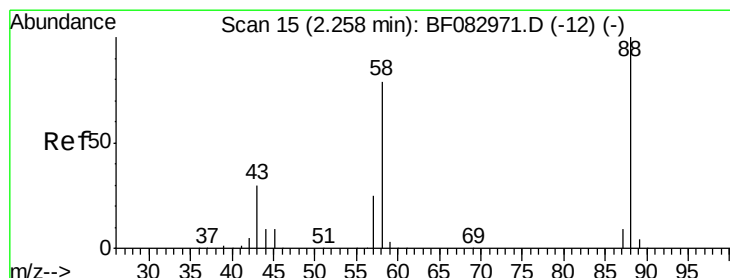
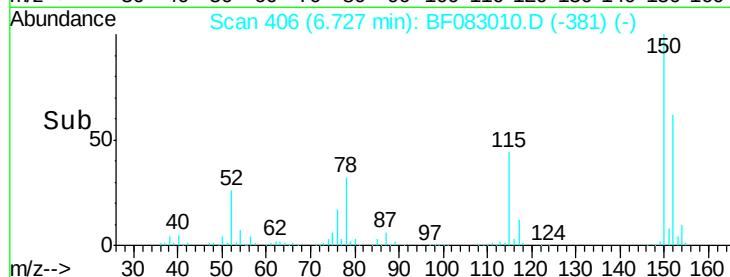
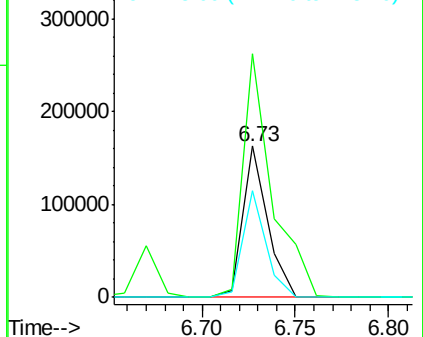
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.73 min Scan# 406
Delta R.T. -0.01 min
Lab File: BF083010.D
Acq: 18 Nov 2015 15:07

Instrument :
BNA_F
ClientSampleId :

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#



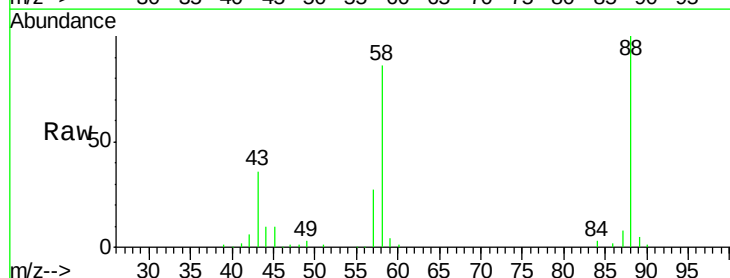
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



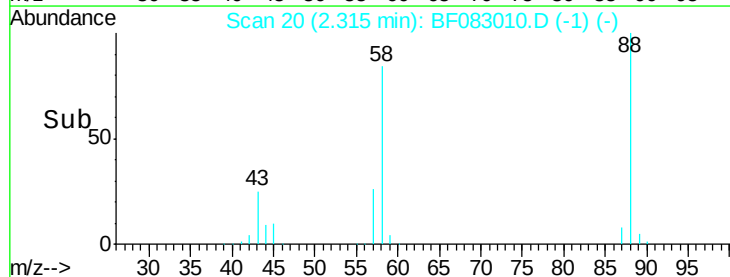
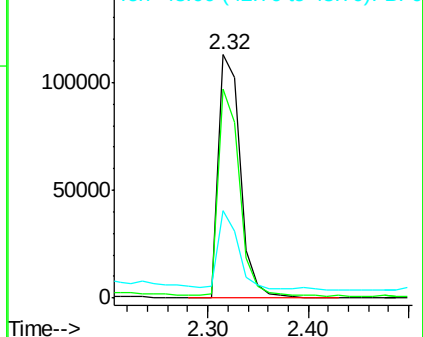
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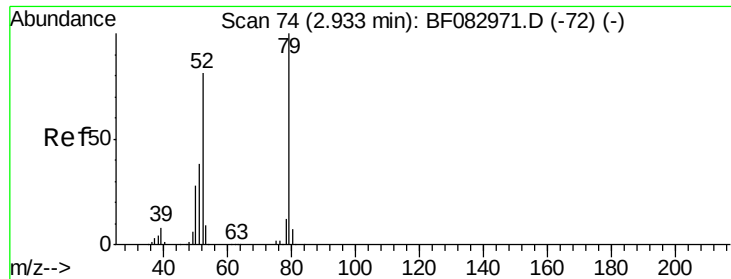
1,4-Dioxane
Concen: 41.33 ng
RT: 2.32 min Scan# 20
Delta R.T. 0.08 min
Lab File: BF083010.D
Acq: 18 Nov 2015 15:07

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

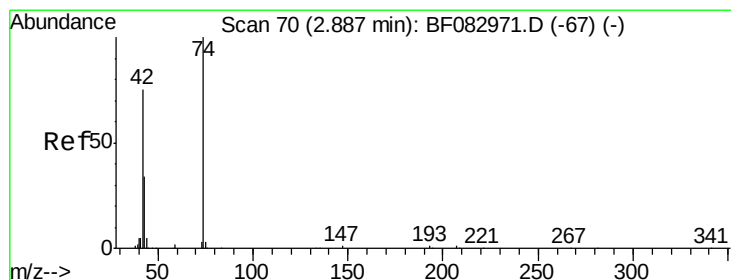
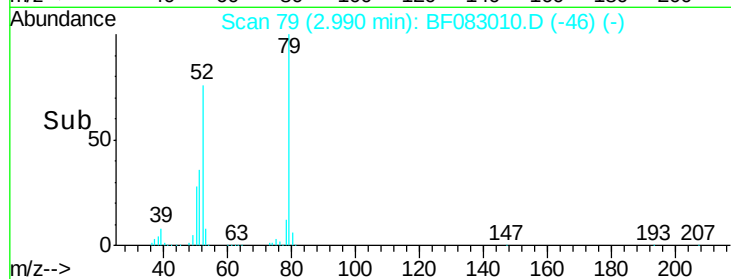
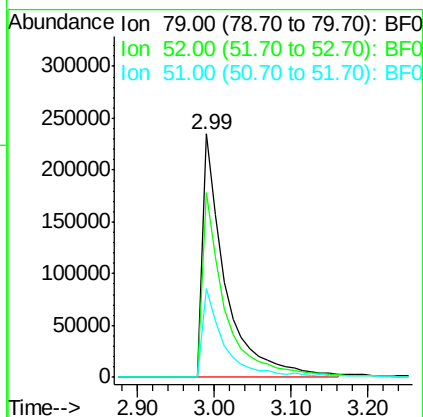
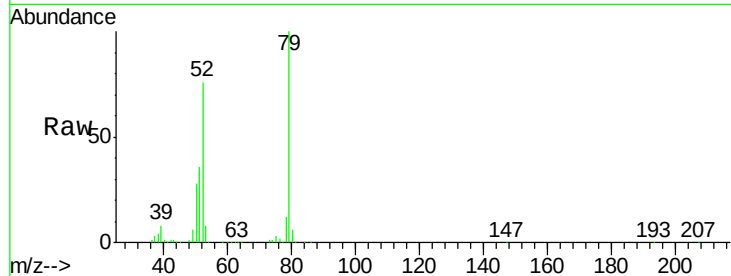




#3
 Pvridine
 Concen: 40.05 ng
 RT: 2.99 min Scan# 79
 Delta R.T. 0.08 min
 Lab File: BF083010.D
 Acq: 18 Nov 2015 15:07

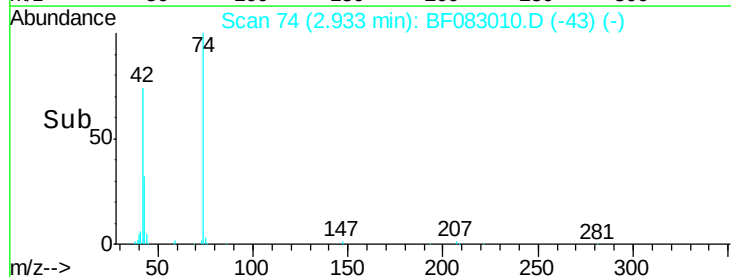
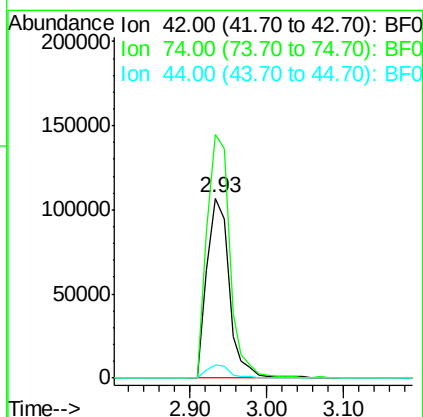
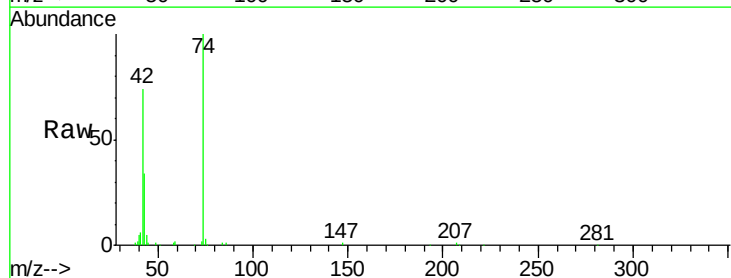
Instrument :
 BNA_F
 ClientSampleId :

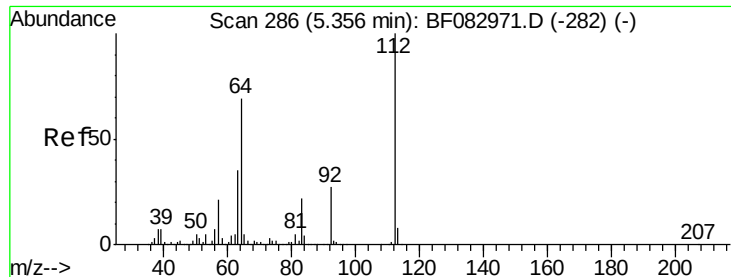
Tot Ion: 79 Resp: 480055
 Ion Ratio Lower Upper
 79 100
 52 75.8 62.8 94.2
 51 36.4 32.0 48.0



#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 :

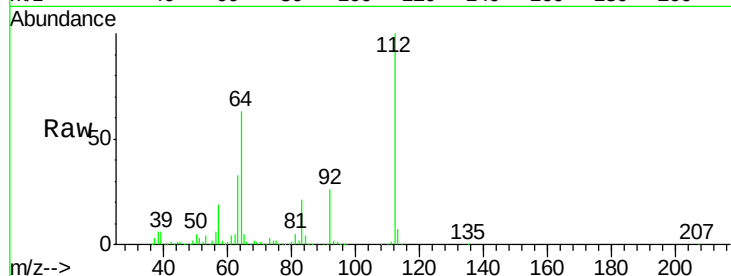
Tot Ion:112 Resp: 1148480

Ion Ratio Lower Upper

112 100

64 62.9 48.9 73.3

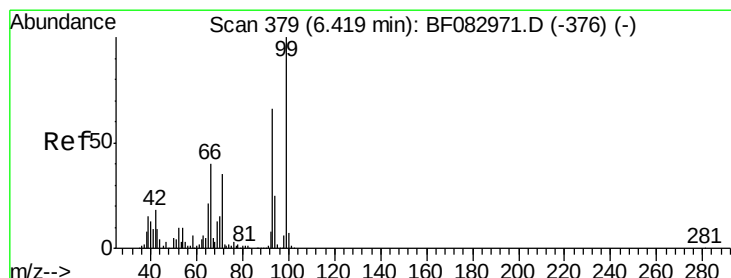
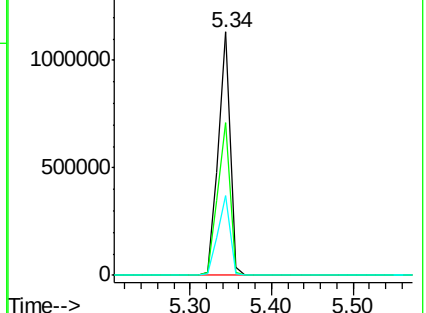
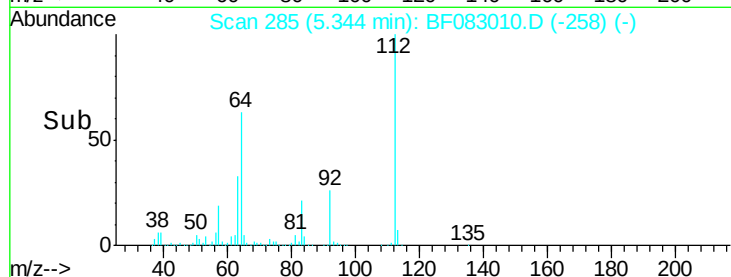
63 32.6 28.1 42.1



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

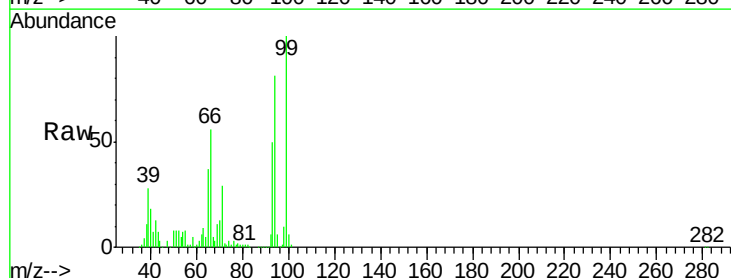
Tgt Ion: 93 Resp: 353388

Ion Ratio Lower Upper

93 100

66 111.8 33.6 50.4#

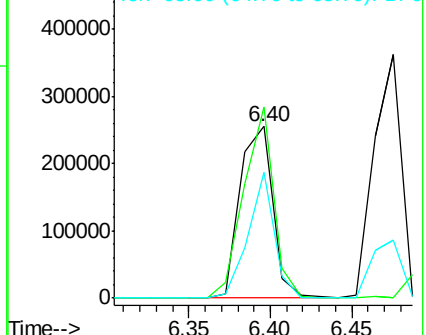
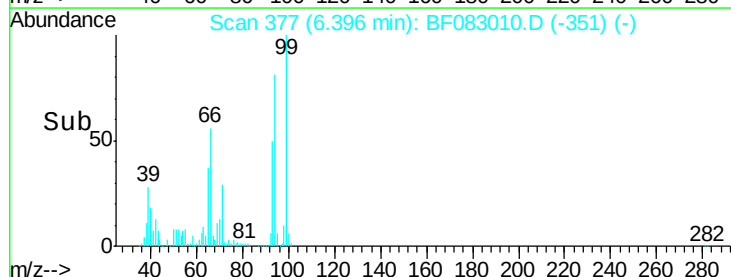
65 73.3 18.1 27.1#

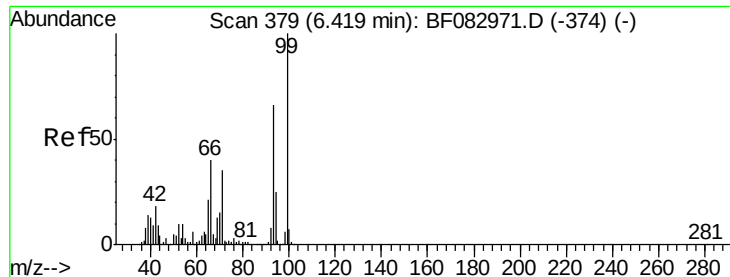


Abundance Ion 93.00 (92.70 to 93.70): BF0

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

Lab File: BF083010.D

Acq: 18 Nov 2015 15:07

Instrument :

BNA_F

ClientSampleId :

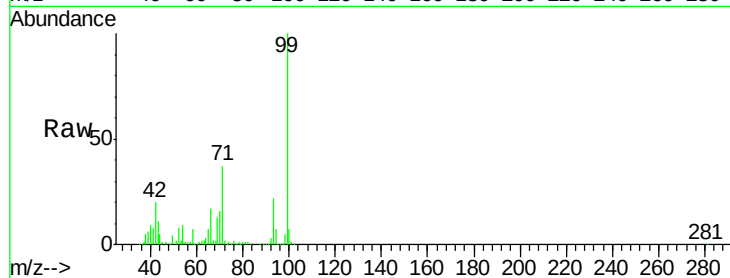
Tot Ion: 99 Resp: 1356034

Ion Ratio Lower Upper

99 100

42 20.0 19.2 28.8

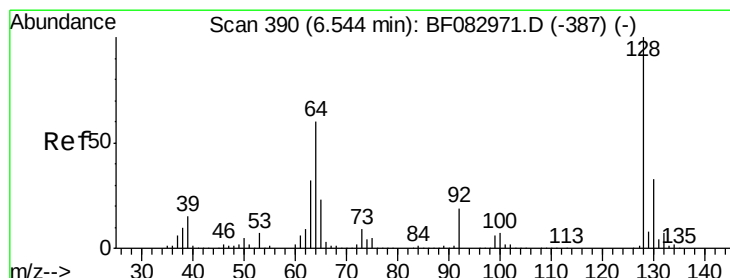
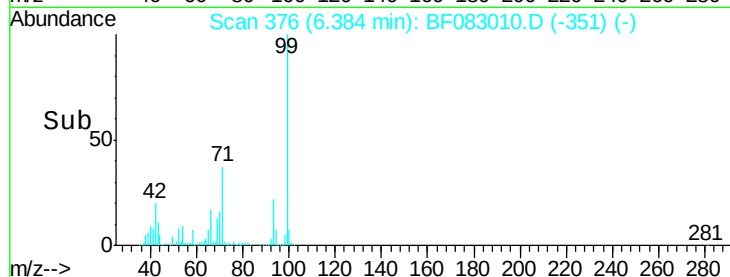
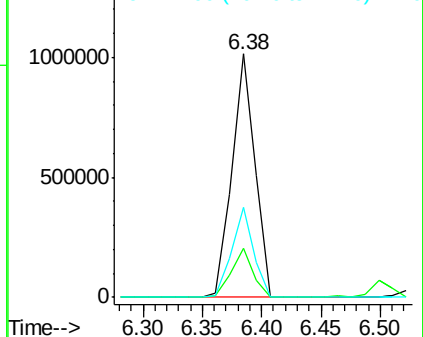
71 36.7 35.0 52.4



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

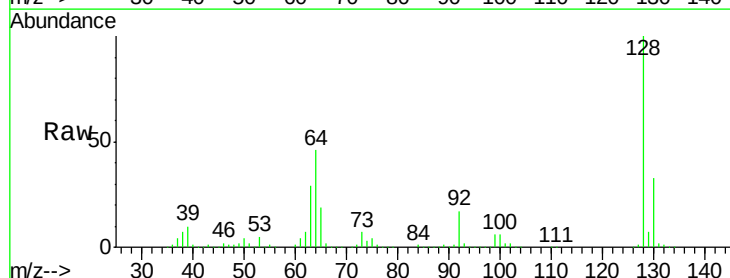
Tgt Ion: 128 Resp: 417395

Ion Ratio Lower Upper

128 100

130 33.3 13.5 53.5

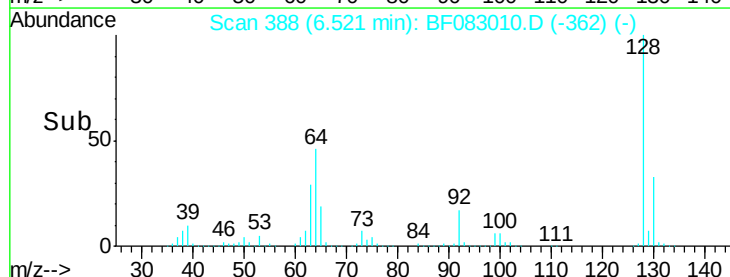
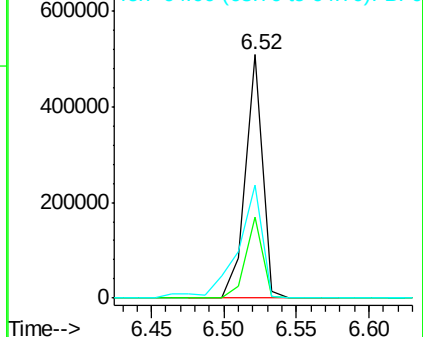
64 46.2 21.1 61.1

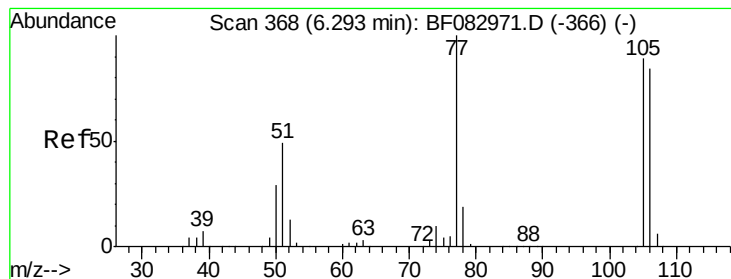


Abundance Ion 128.00 (127.70 to 128.70): E

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

Acq: 18 Nov 2015 15:07

Instrument :

BNA_F

ClientSampleId :

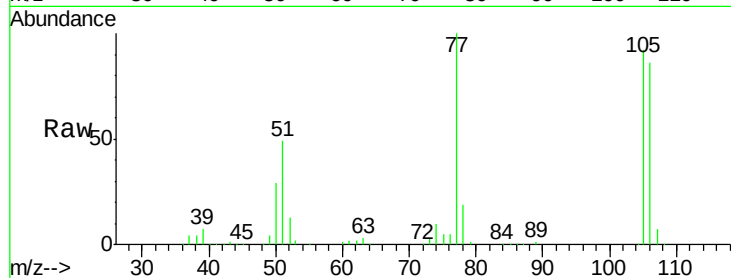
Tot Ion: 77 Resp: 334875

Ion Ratio Lower Upper

77 100

105 92.1 63.5 103.5

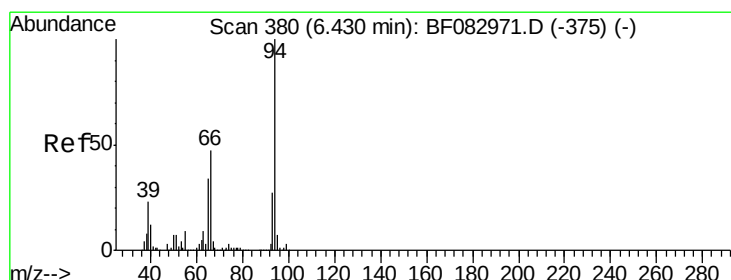
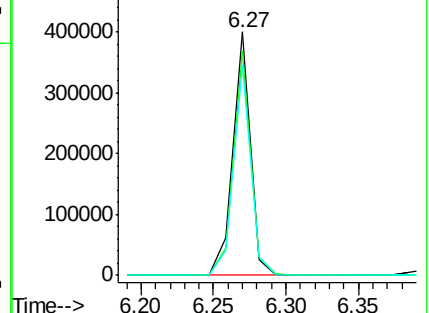
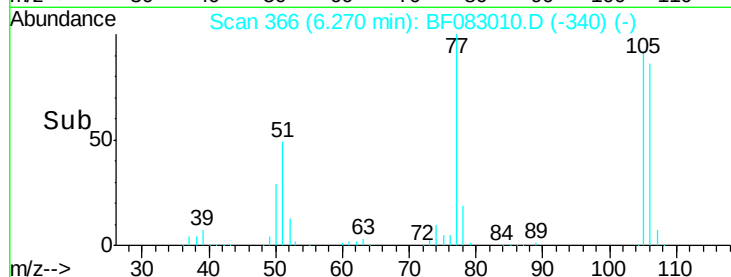
106 86.5 59.3 99.3



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

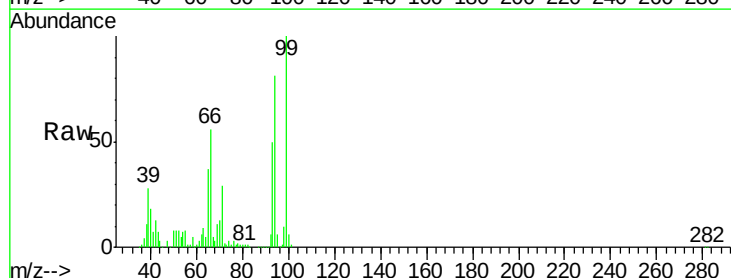
Tgt Ion: 94 Resp: 429068

Ion Ratio Lower Upper

94 100

65 45.5 18.9 58.9

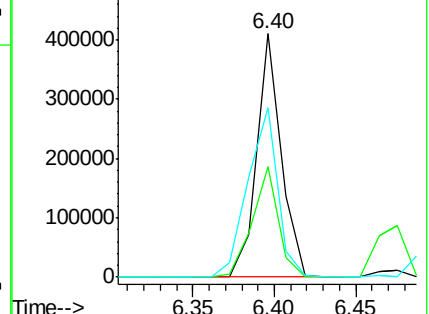
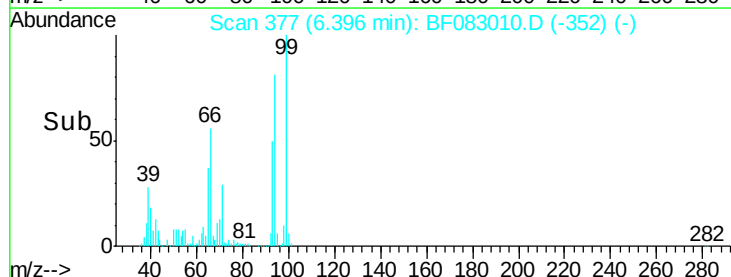
66 69.4 34.9 74.9

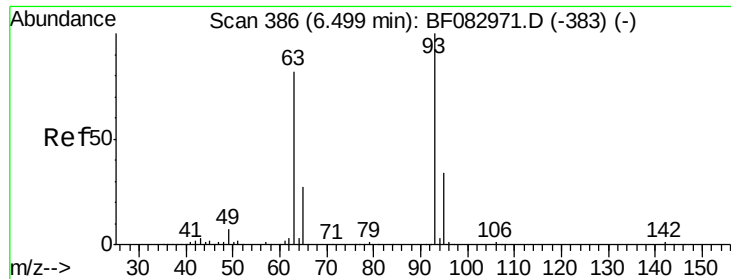


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

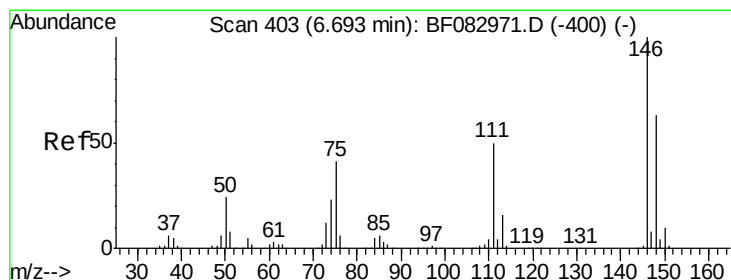
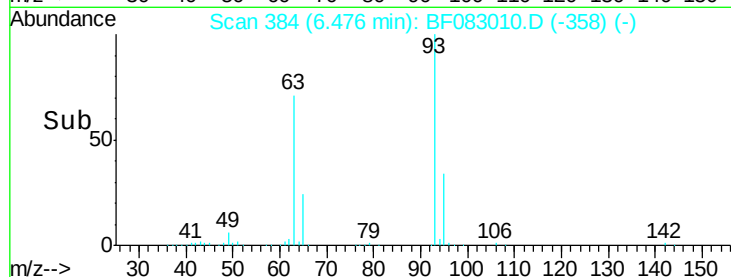
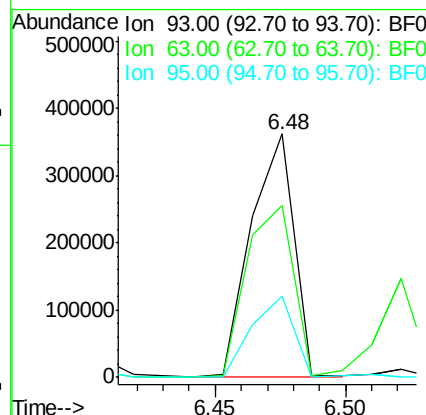
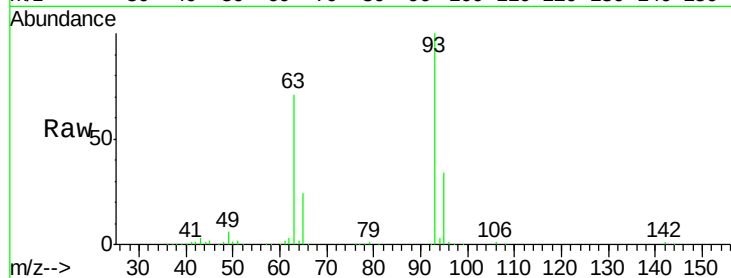




#11
 bis(2-Chloroethyl)ether
 Concen: 38.84 ng
 RT: 6.48 min Scan# 384
 Delta R.T. -0.00 min
 Lab File: BF083010.D
 Acq: 18 Nov 2015 15:07

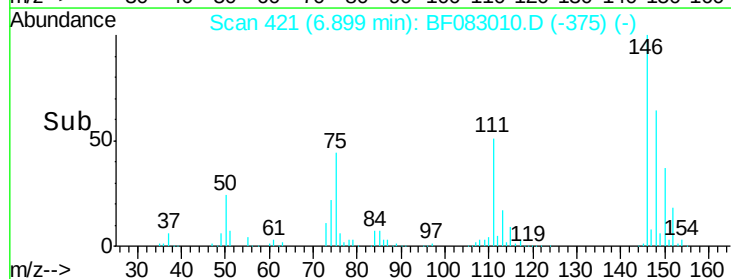
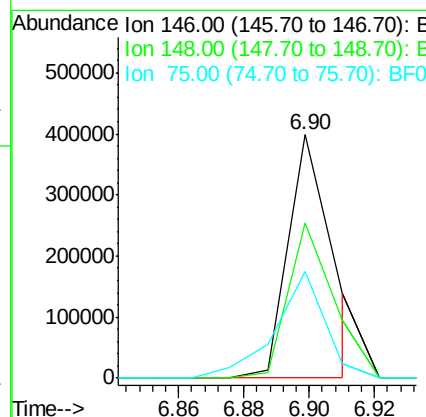
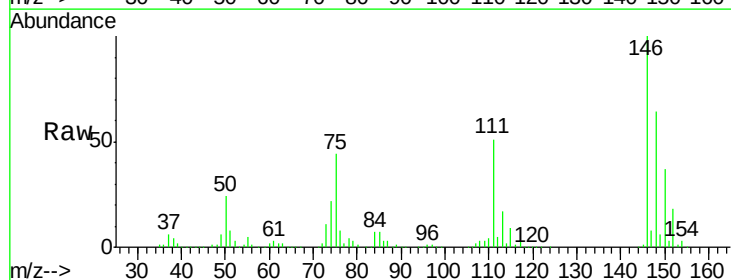
Instrument :
 BNA_F
 ClientSampleId :

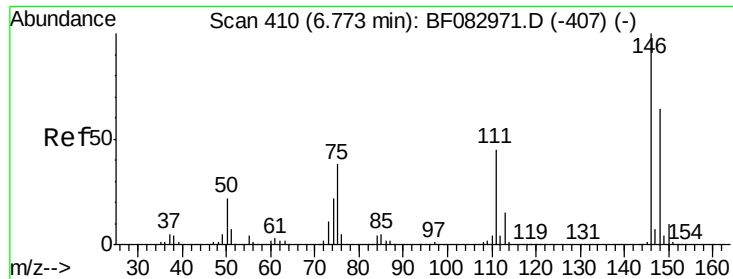
Tot Ion: 93 Resp: 419457
 Ion Ratio Lower Upper
 93 100
 63 70.8 72.7 112.7#
 95 33.6 12.0 52.0



#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

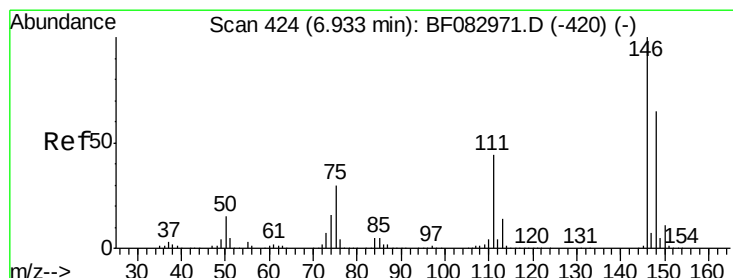
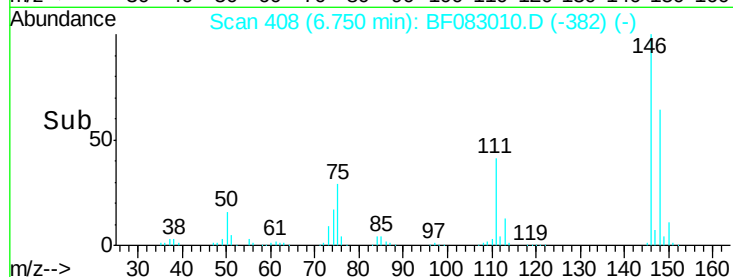
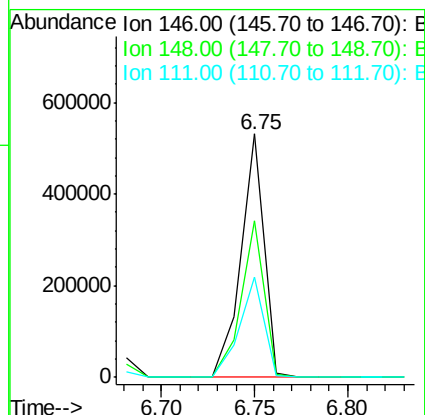
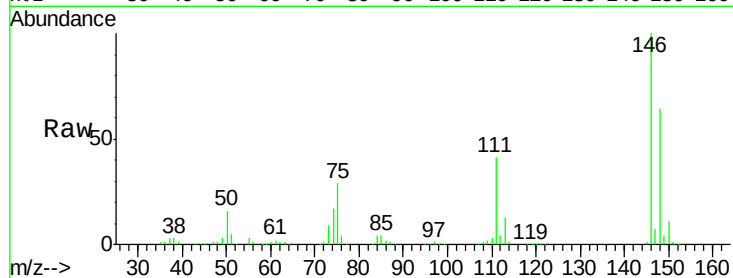




#13
 1,4-Dichlorobenzene
 Concen: 37.02 ng
 RT: 6.75 min Scan# 408
 Delta R.T. -0.00 min
 Lab File: BF083010.D
 Acq: 18 Nov 2015 15:07

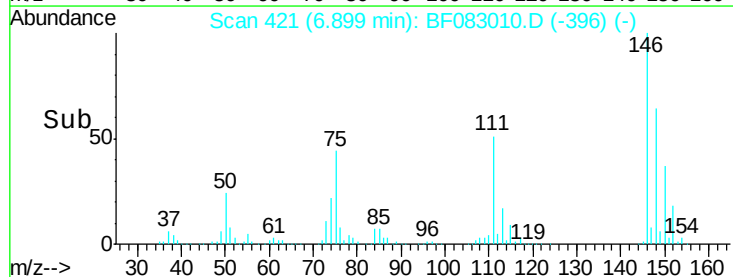
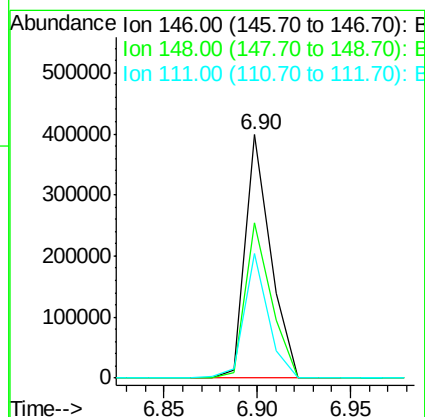
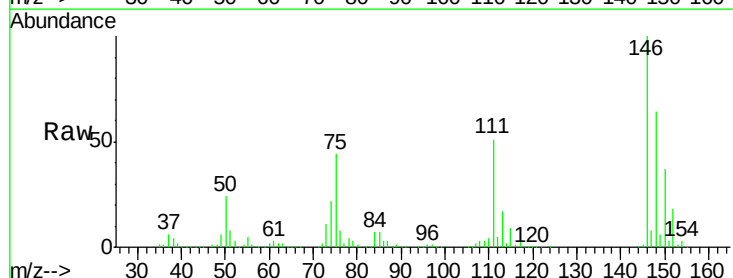
Instrument :
 BNA_F
 ClientSampleId :

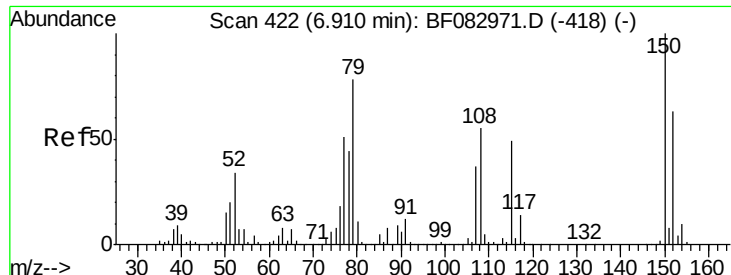
Tot Ion:146 Resp: 460963
 Ion Ratio Lower Upper
 146 100
 148 64.2 50.8 76.2
 111 41.1 40.6 60.8



#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

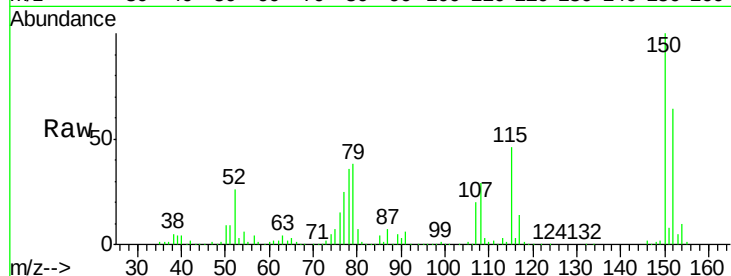




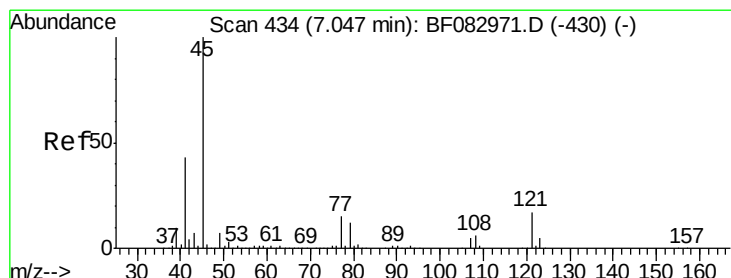
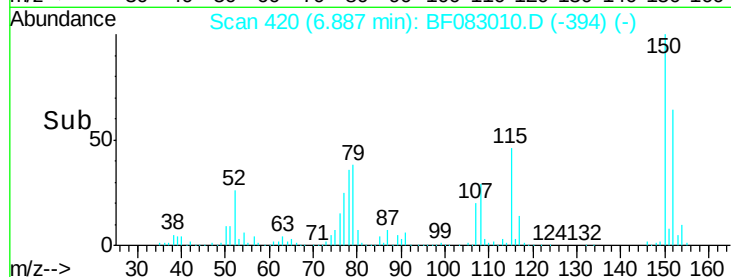
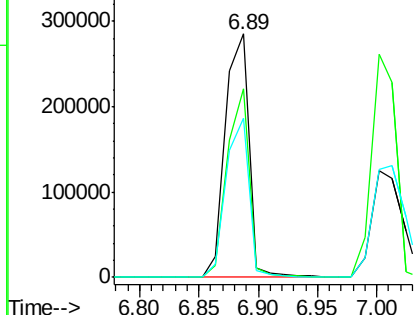
#15
Benzyl Alcohol
Concen: 35.26 ng
RT: 6.89 min Scan# 420
Delta R.T. -0.00 min
Lab File: BF083010.D
Acq: 18 Nov 2015 15:07

Instrument :
BNA_F
ClientSampleId :

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

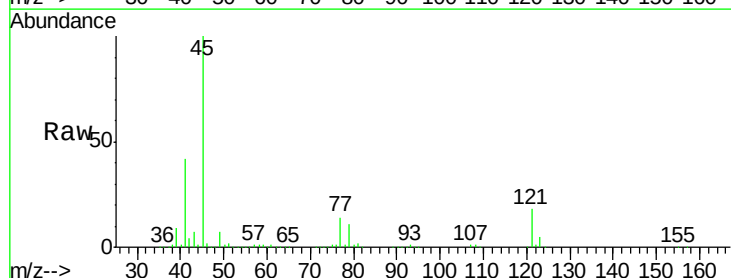


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

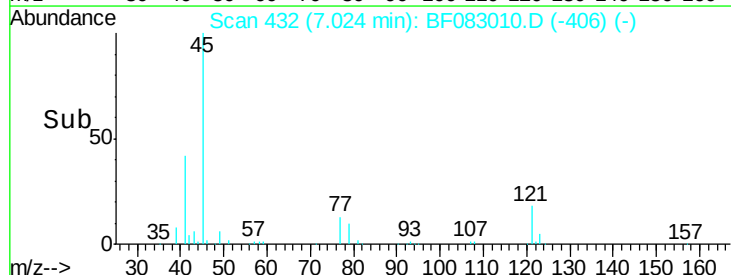
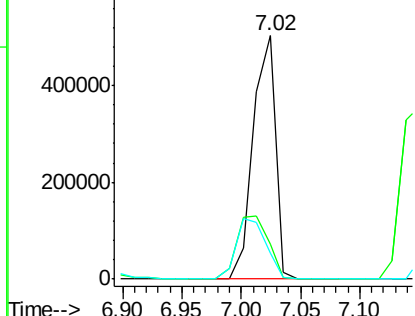


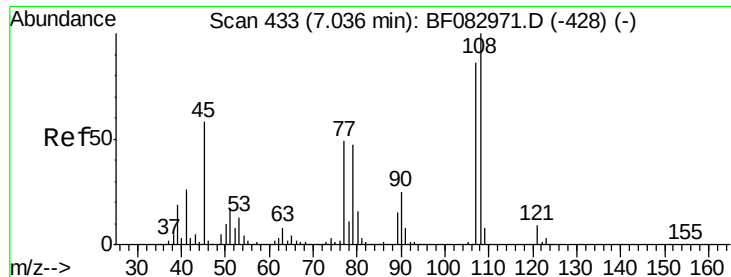
#16
2,2'-oxybis(1-chloropropane)
Concen: 41.90 ng
RT: 7.02 min Scan# 432
Delta R.T. -0.00 min
Lab File: BF083010.D
Acq: 18 Nov 2015 15:07

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



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

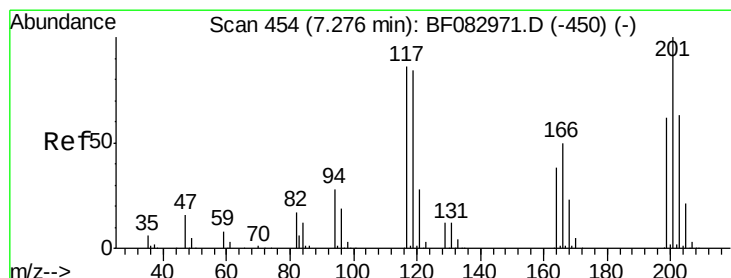
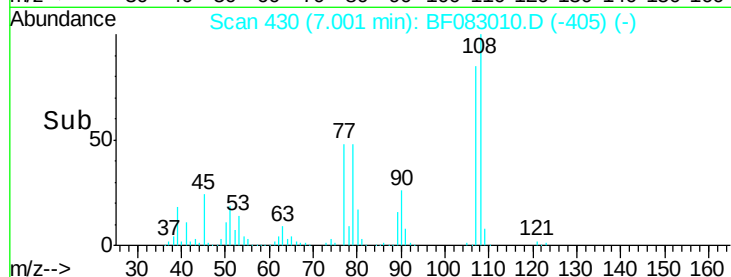
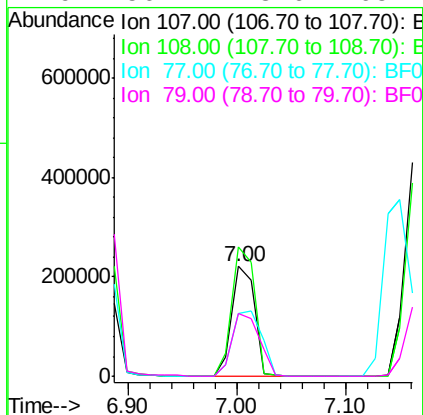
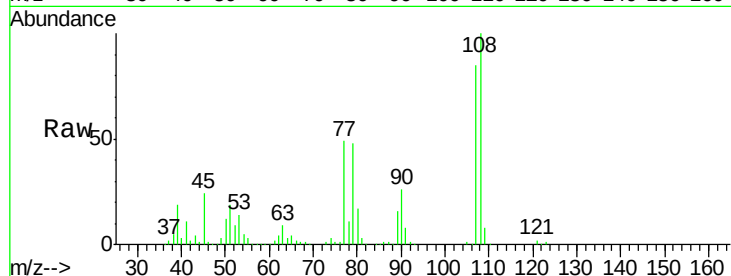




#17
2-Methylphenol
Concen: 35.33 ng
RT: 7.00 min Scan# 430
Delta R.T. -0.01 min
Lab File: BF083010.D
Acq: 18 Nov 2015 15:07

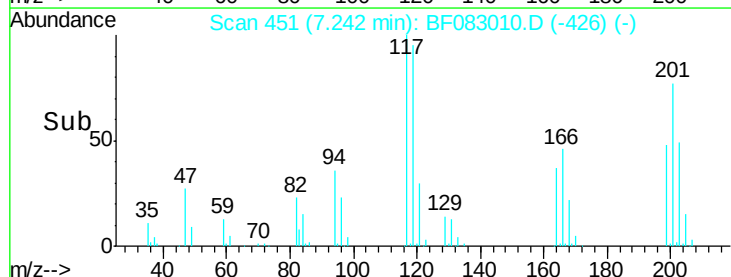
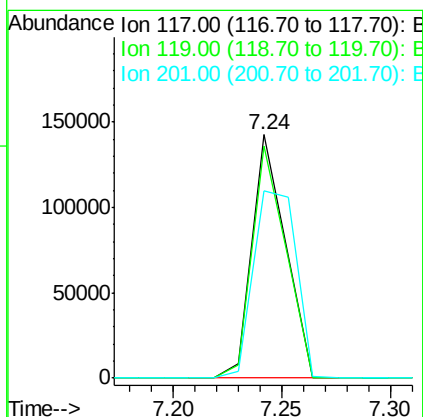
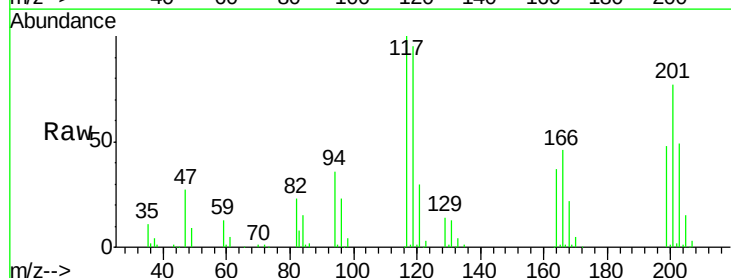
Instrument :
BNA_F
ClientSampled :

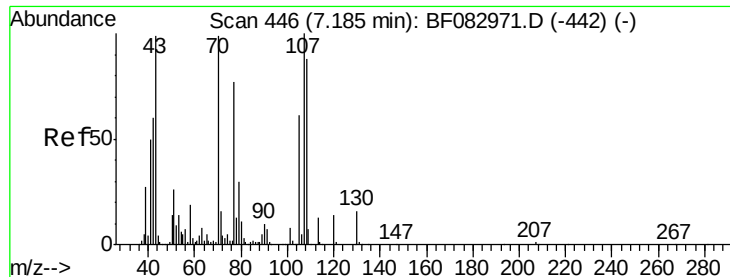
Tot Ion:	107	Resp:	317575
Ion	Ratio	Lower	Upper
107	100		
108	118.0	93.0	139.4
77	57.3	44.1	66.1
79	56.7	43.6	65.4



#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

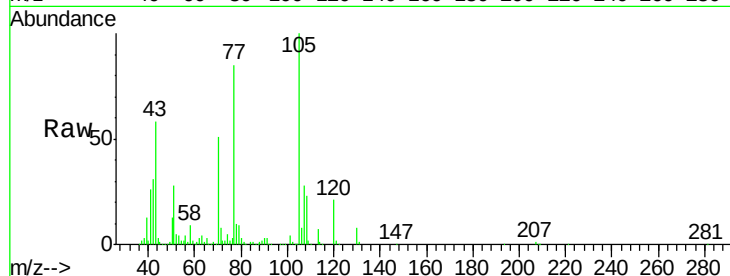




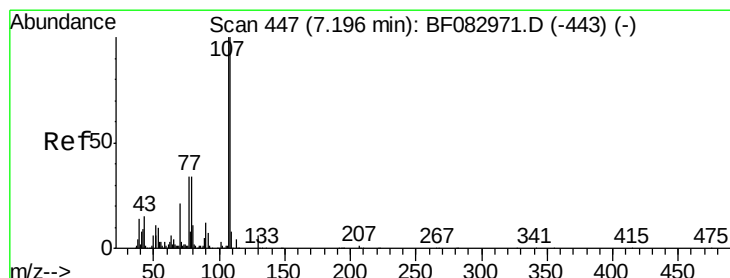
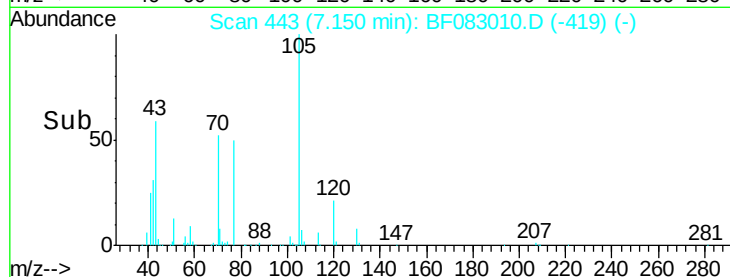
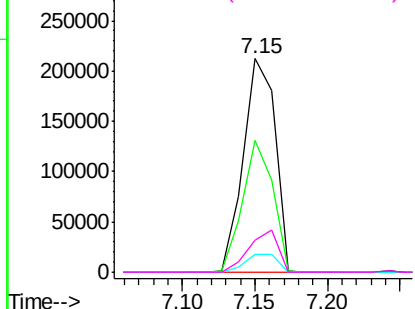
#19
n-Nitroso-di-n-propylamine
Concen: 34.46 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.02 min
Lab File: BF083010.D
Acq: 18 Nov 2015 15:07

Instrument :
BNA_F
ClientSampleId :

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

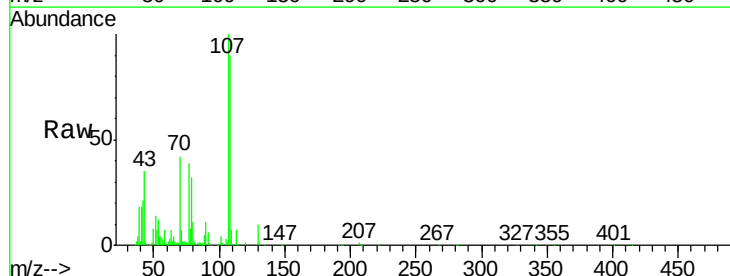


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

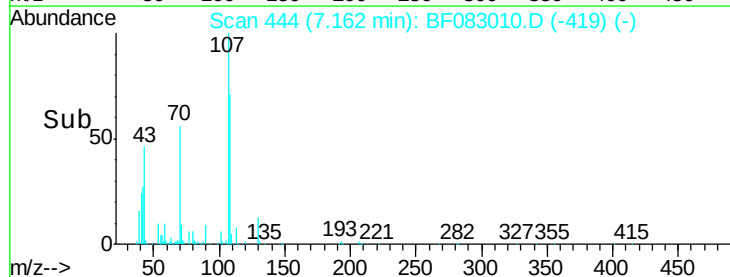
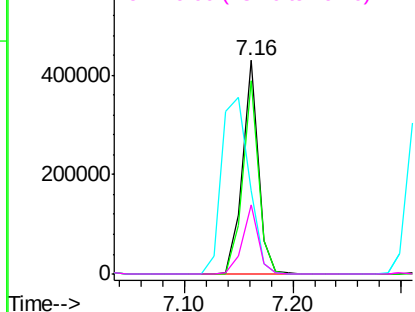


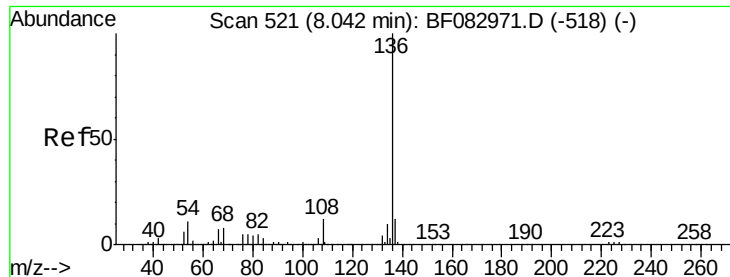
#20
3+4-Methylphenols
Concen: 36.73 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF083010.D
Acq: 18 Nov 2015 15:07

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



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

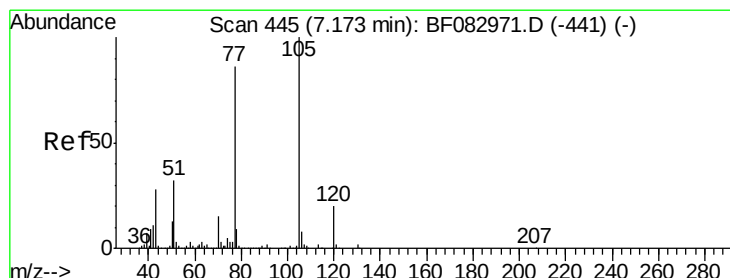
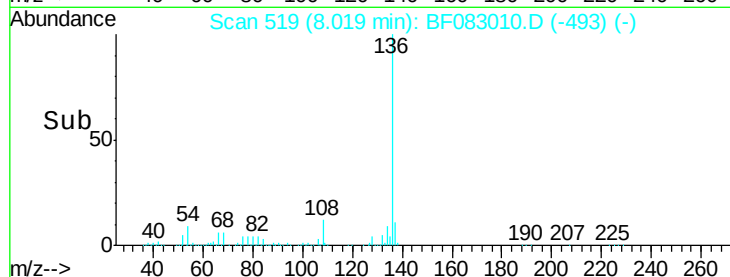
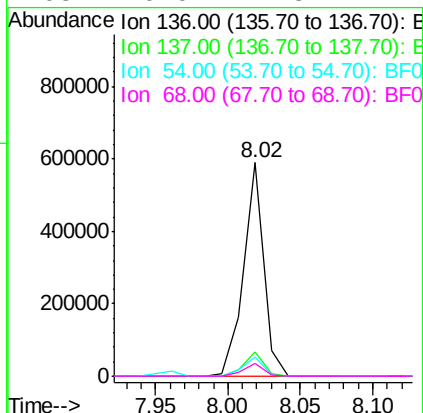
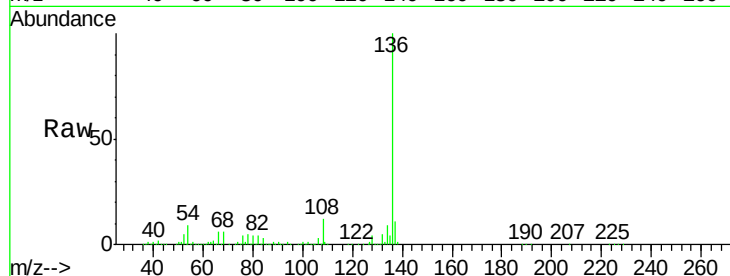




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.00 min
Lab File: BF083010.D
Acq: 18 Nov 2015 15:07

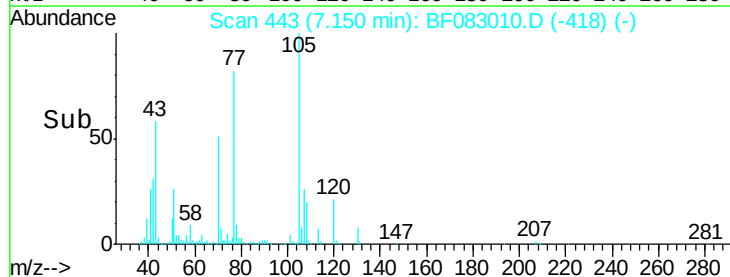
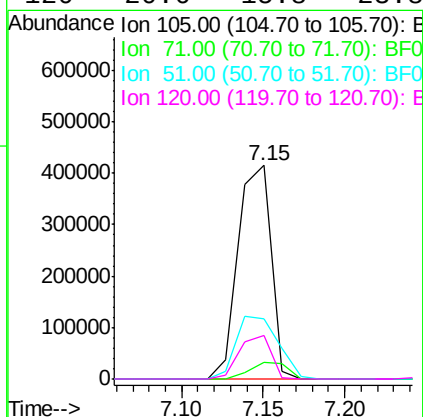
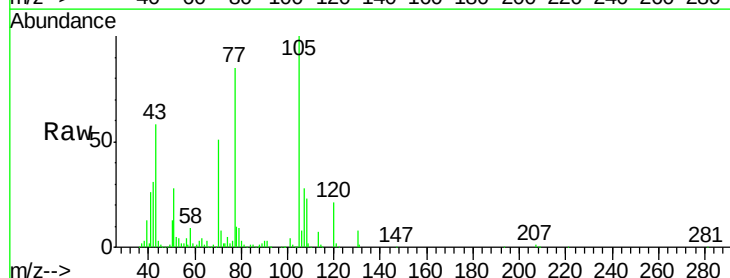
Instrument :
BNA_F
ClientSampleId :

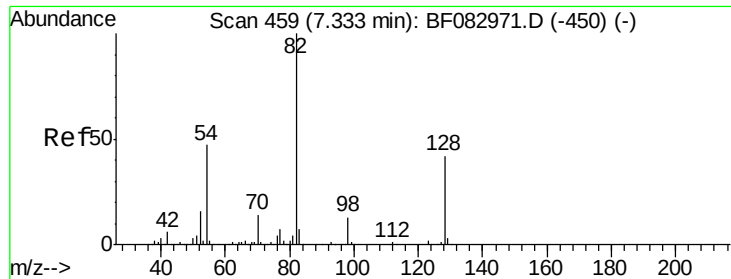
Tot Ion:136	Resp: 568465
Ion Ratio	Lower Upper
136 100	
137 11.3	9.1 13.7
54 9.2	9.1 13.7
68 6.0	4.8 7.2



#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

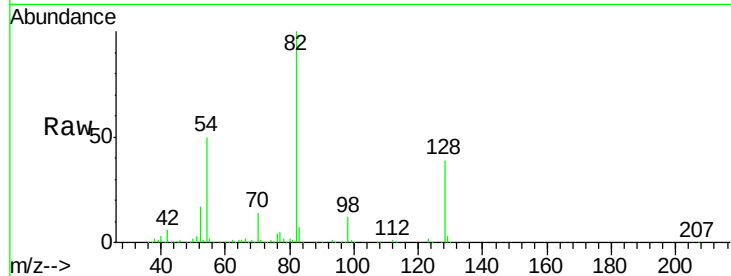




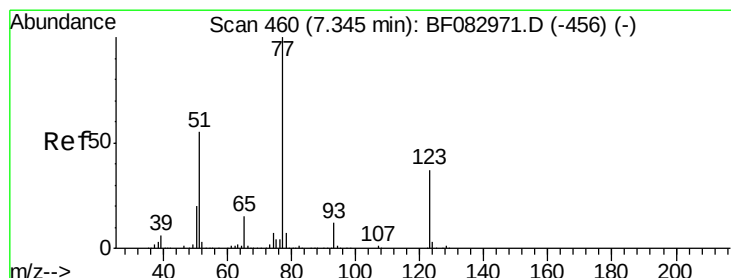
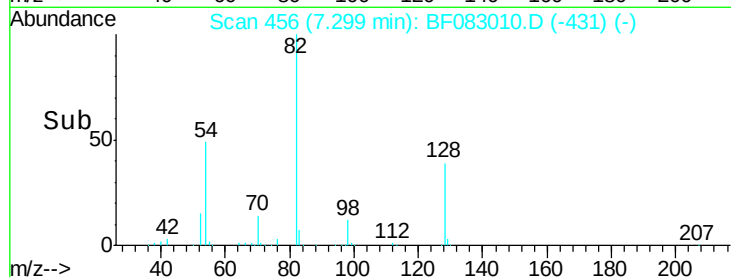
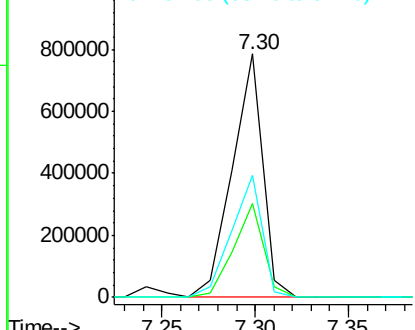
#23
Nitrobenzene-d5
Concen: 68.47 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF083010.D
Acq: 18 Nov 2015 15:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	894515
Ion Ratio	100	Lower	Upper
128	38.5	26.8	40.2
54	50.2	45.7	68.5

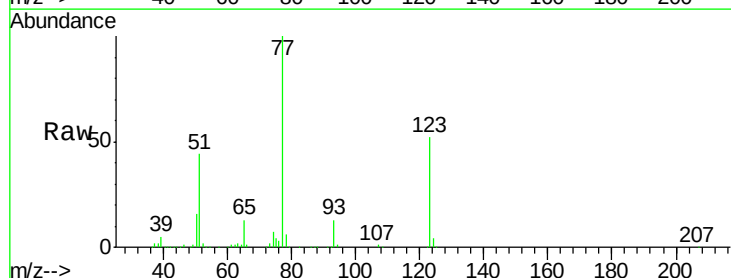


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

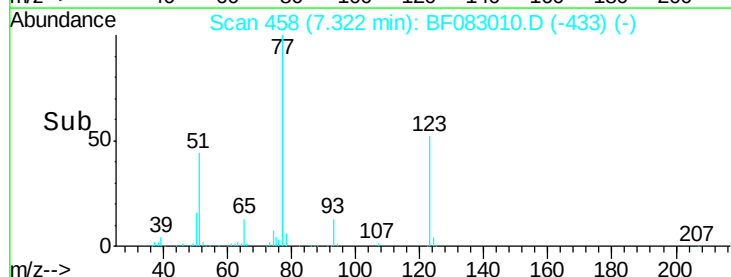
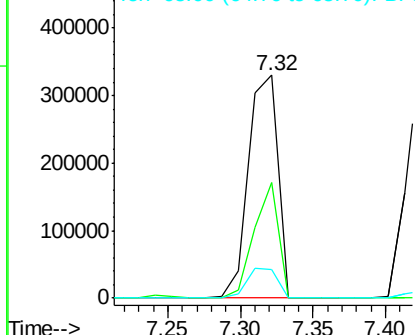


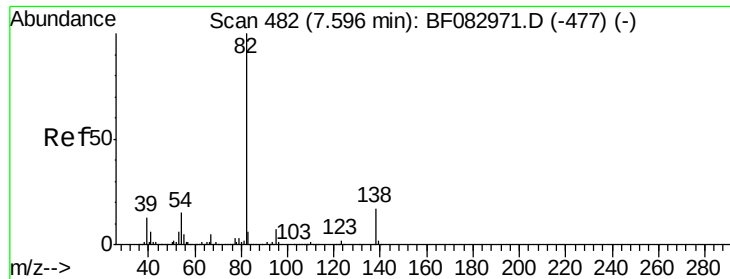
#24
Nitrobenzene
Concen: 34.88 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.01 min
Lab File: BF083010.D
Acq: 18 Nov 2015 15:07

Tgt Ion	77	Resp	465959
Ion Ratio	100	Lower	Upper
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 :

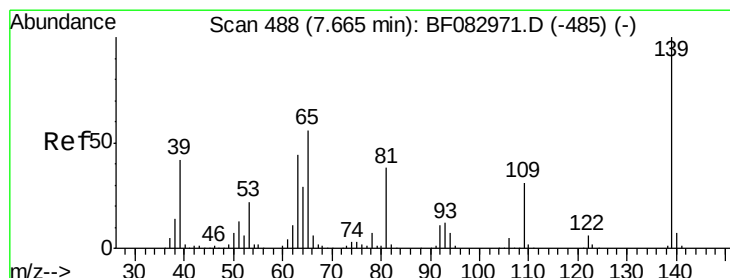
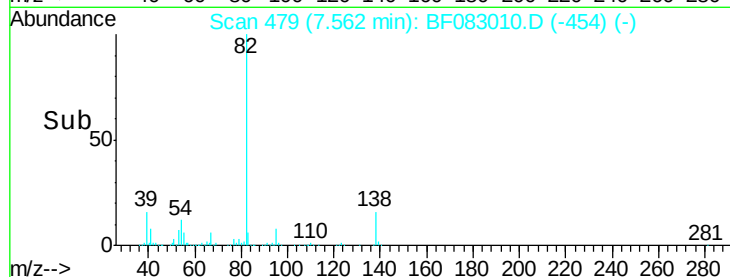
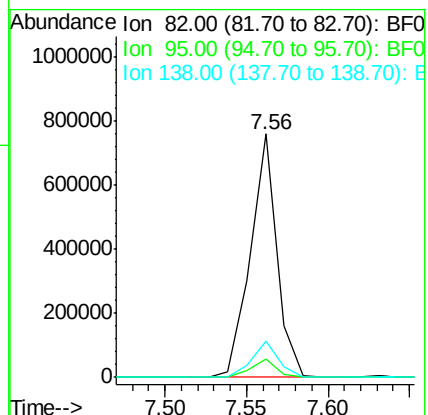
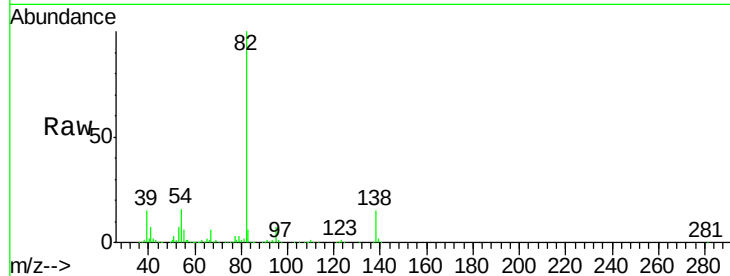
Tot Ion: 82 Resp: 852894

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

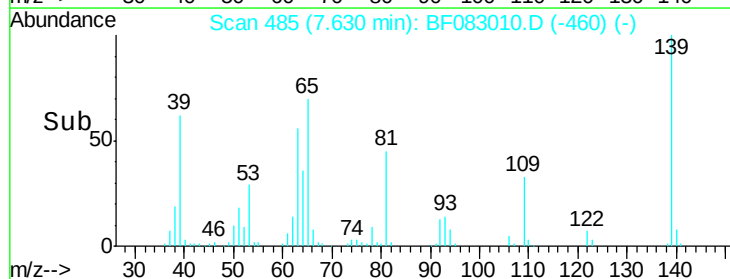
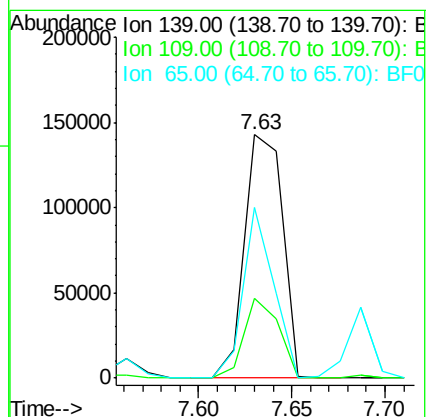
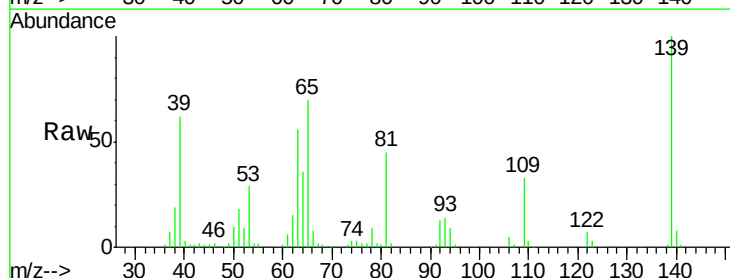
Tgt Ion: 139 Resp: 201612

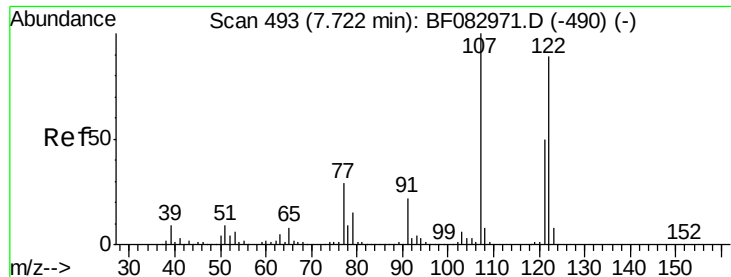
Ion Ratio Lower Upper

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

ClientSampled :

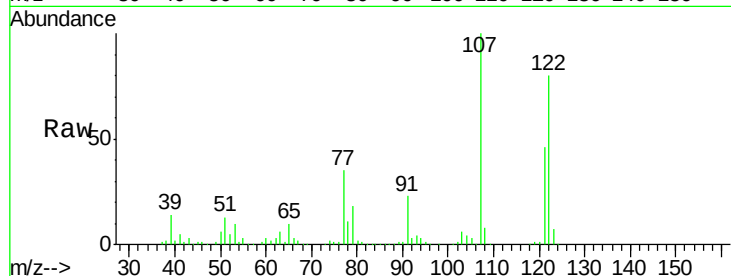
Tot Ion:122 Resp: 342292

Ion Ratio Lower Upper

122 100

107 125.5 106.0 159.0

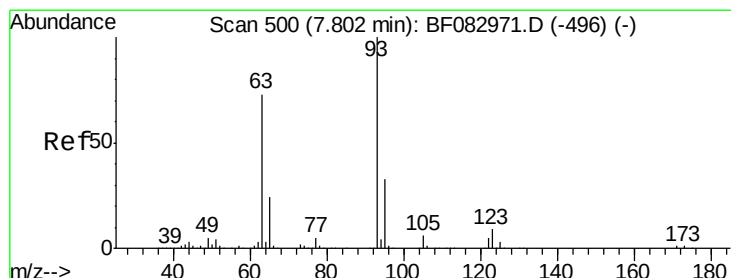
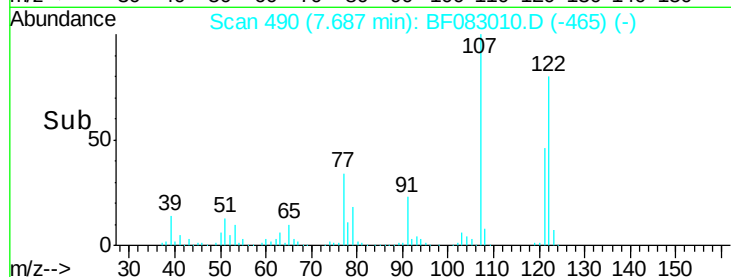
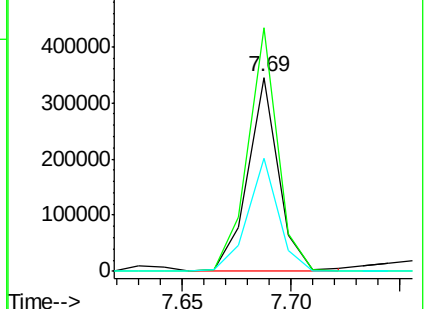
121 58.2 46.7 70.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 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

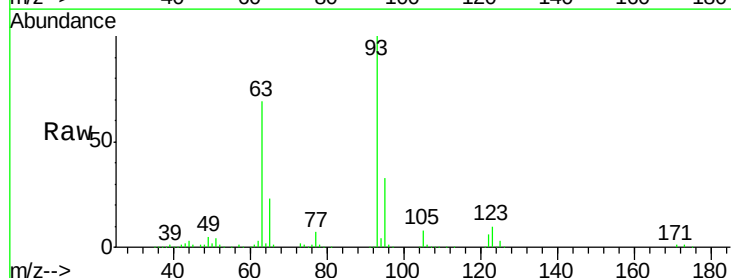
Tgt Ion: 93 Resp: 540372

Ion Ratio Lower Upper

93 100

95 33.2 26.6 40.0

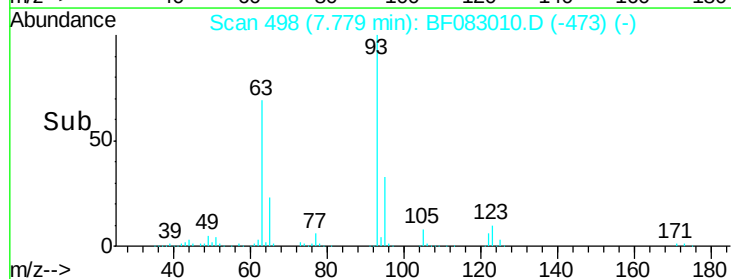
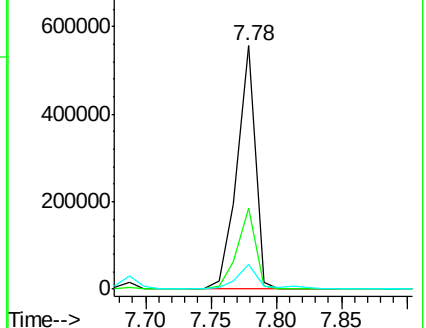
123 10.2 9.7 14.5

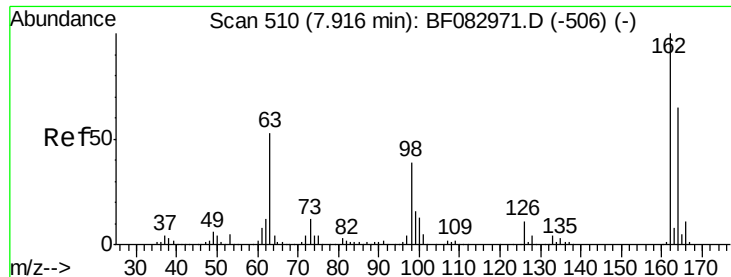


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

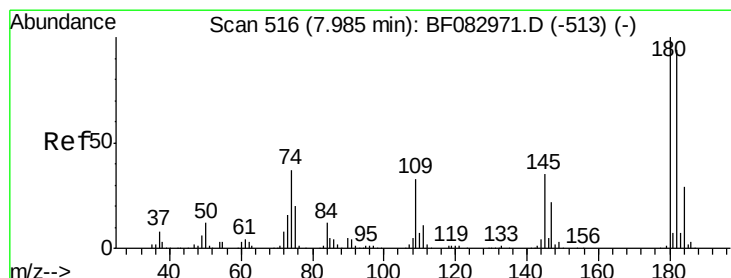
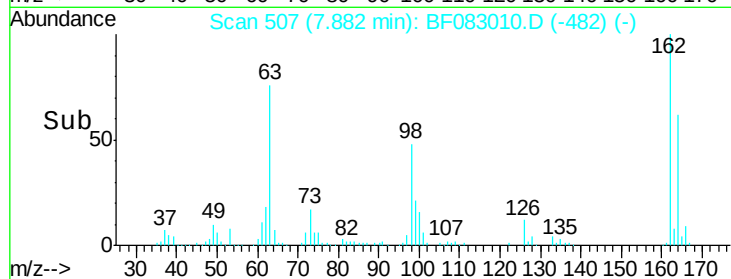
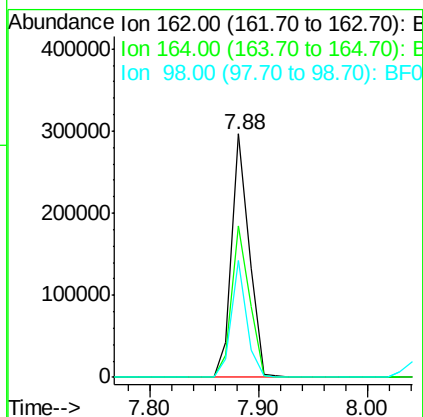
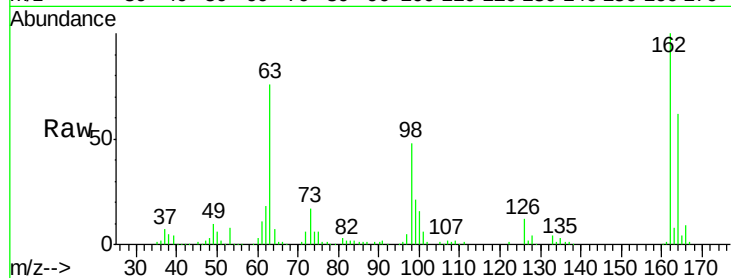




#29
 2,4-Dichlorophenol
 Concen: 36.29 ng
 RT: 7.88 min Scan# 507
 Delta R.T. -0.01 min
 Lab File: BF083010.D
 Acq: 18 Nov 2015 15:07

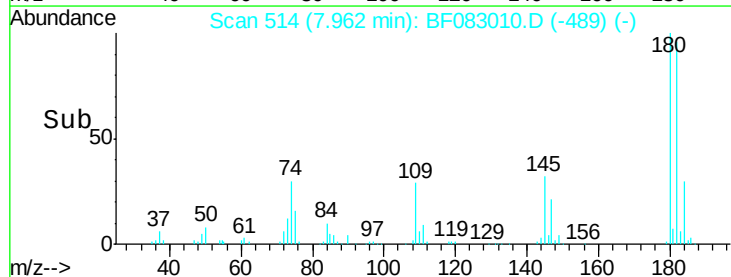
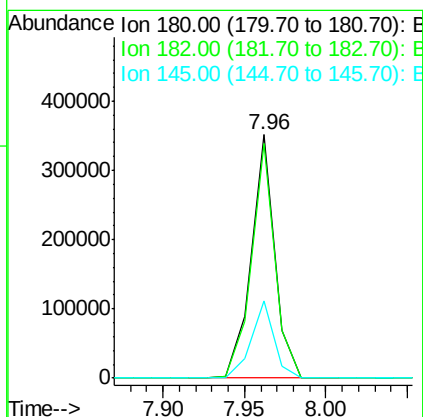
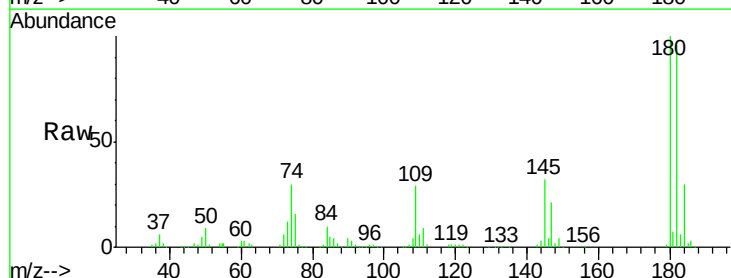
Instrument :
 BNA_F
 ClientSampleId :

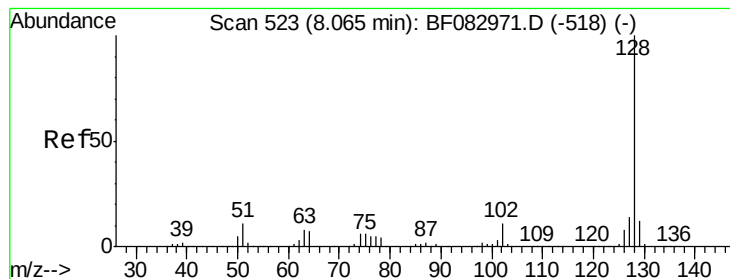
Tot Ion:162 Resp: 328641
 Ion Ratio Lower Upper
 162 100
 164 62.5 46.8 86.8
 98 47.9 12.5 52.5



#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 :

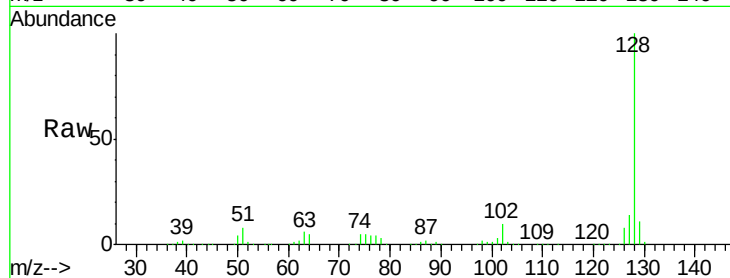
Tot Ion:128 Resp: 1152882

Ion Ratio Lower Upper

128 100

129 11.4 9.5 14.3

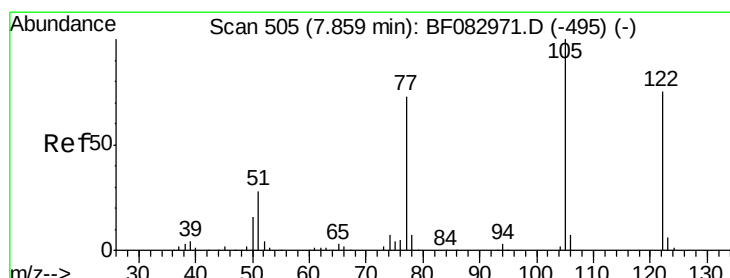
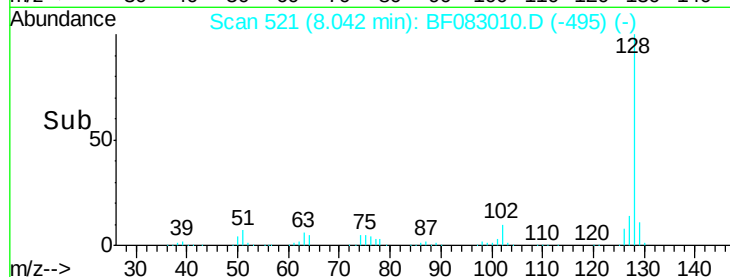
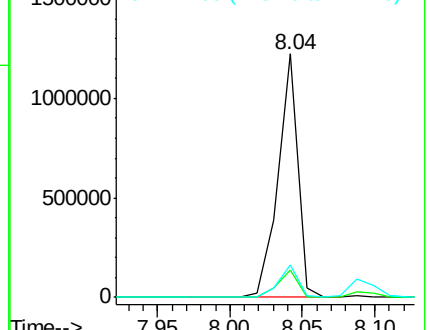
127 13.6 11.4 17.0



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

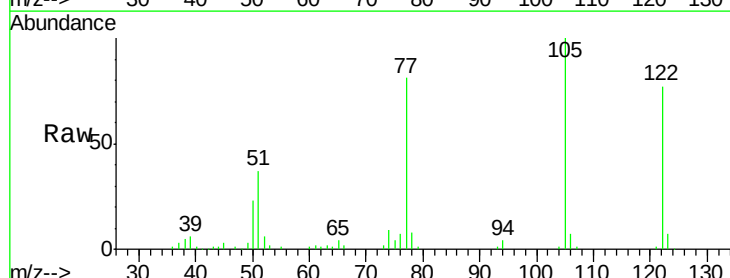
Tgt Ion:122 Resp: 215283

Ion Ratio Lower Upper

122 100

105 129.6 122.6 162.6

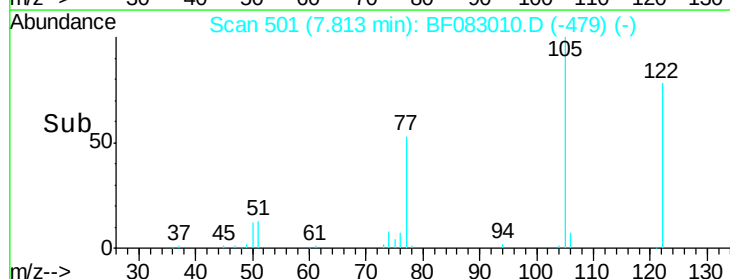
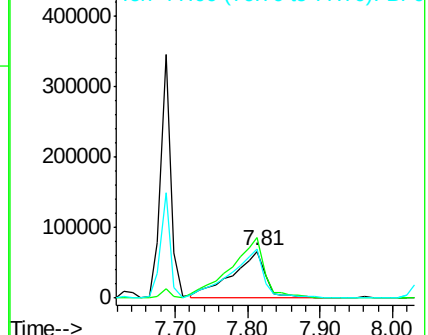
77 104.3 100.9 140.9

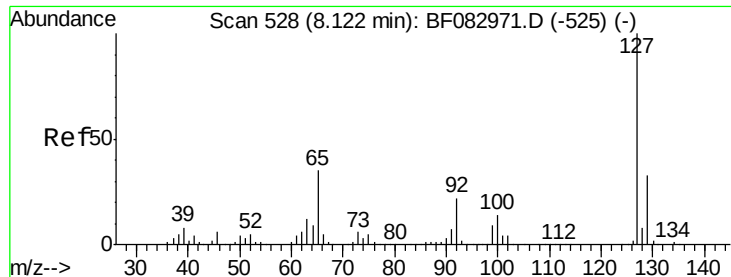


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

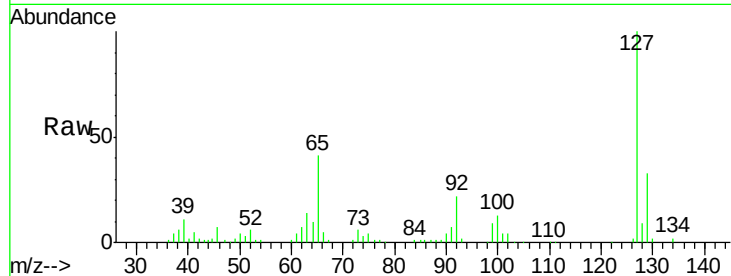




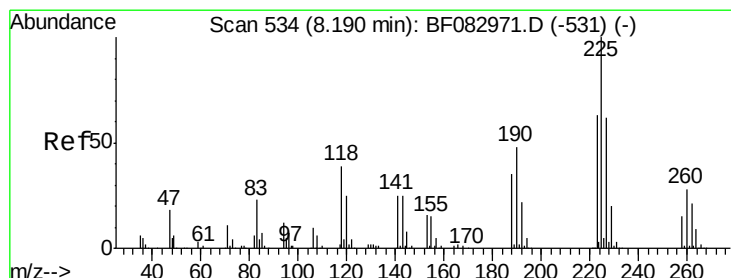
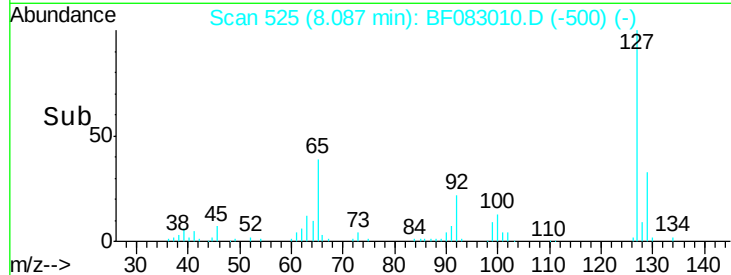
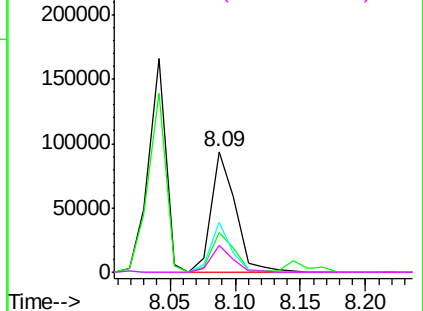
#33
4-Chloroaniline
Concen: 9.02 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.01 min
Lab File: BF083010.D
Acq: 18 Nov 2015 15:07

Instrument :
BNA_F
ClientSampled :

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

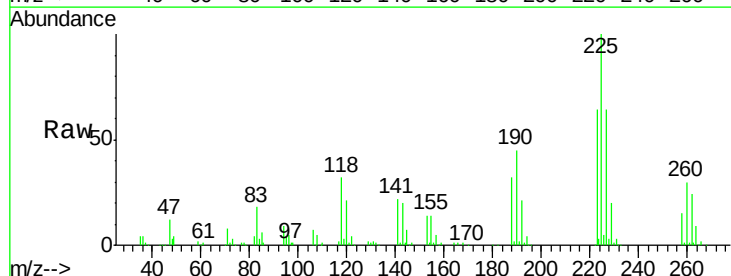


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

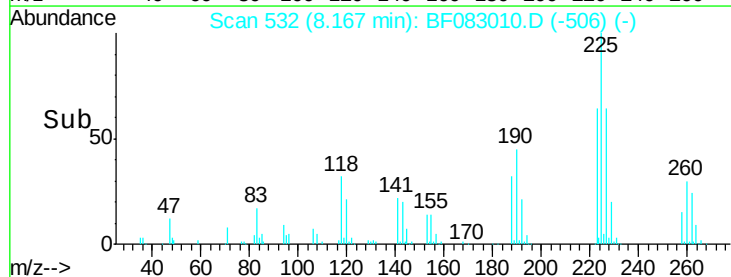
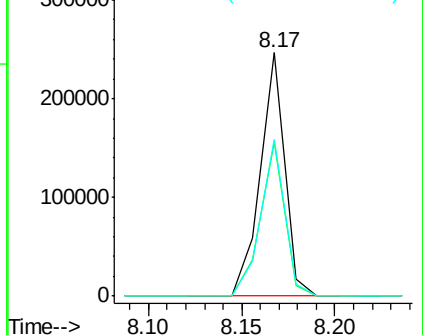


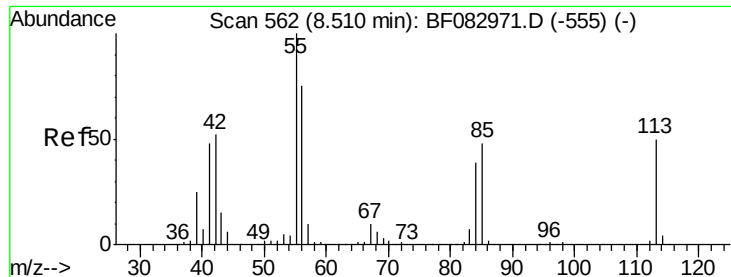
#34
Hexachlorobutadiene
Concen: 34.85 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.00 min
Lab File: BF083010.D
Acq: 18 Nov 2015 15:07

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

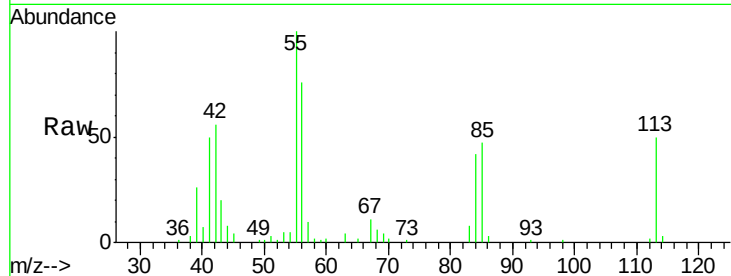




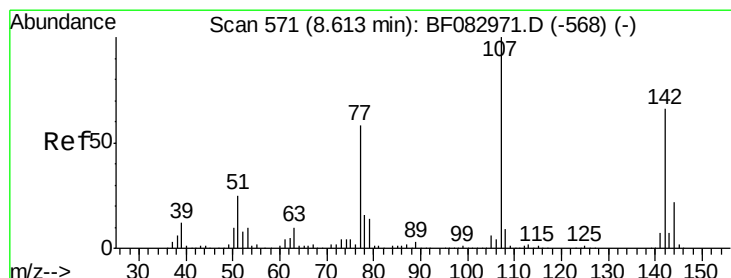
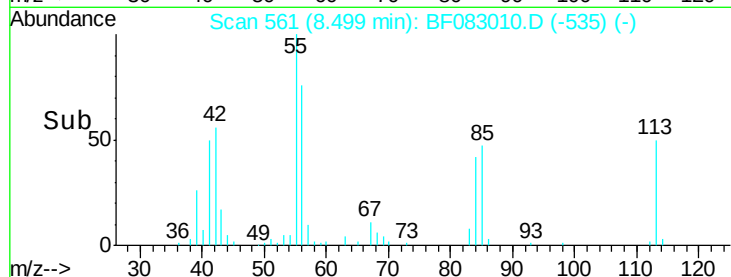
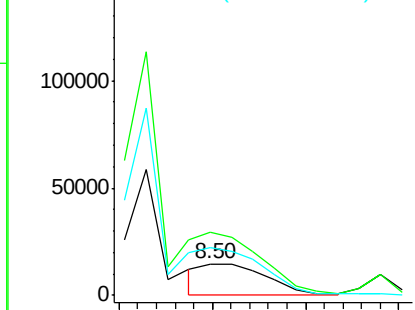
#35
 Caprolactam
 Concen: 12.44 ng
 RT: 8.50 min Scan# 561
 Delta R.T. -0.00 min
 Lab File: BF083010.D
 Acq: 18 Nov 2015 15:07

Instrument :
 BNA_F
 ClientSampled :

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#

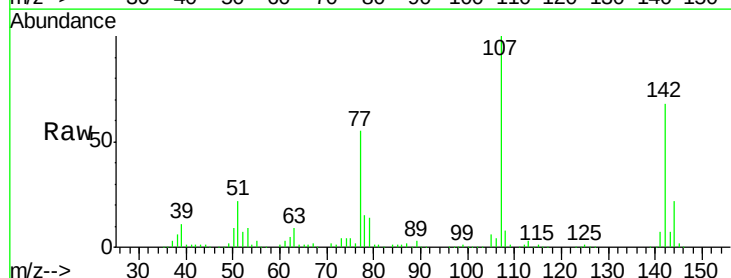


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

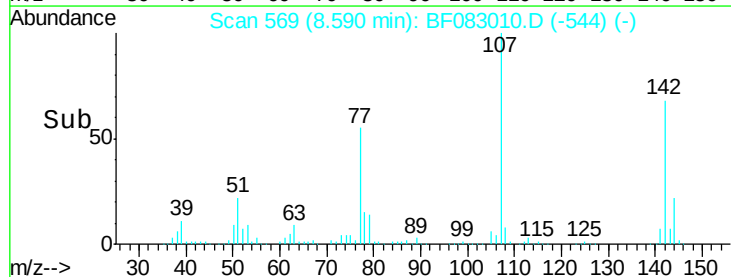
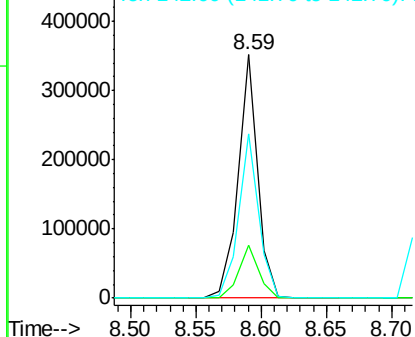


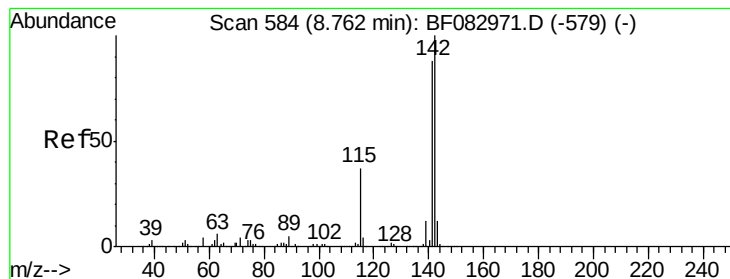
#36
 4-Chloro-3-methylphenol
 Concen: 34.29 ng
 RT: 8.59 min Scan# 569
 Delta R.T. -0.01 min
 Lab File: BF083010.D
 Acq: 18 Nov 2015 15:07

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

ClientSampled :

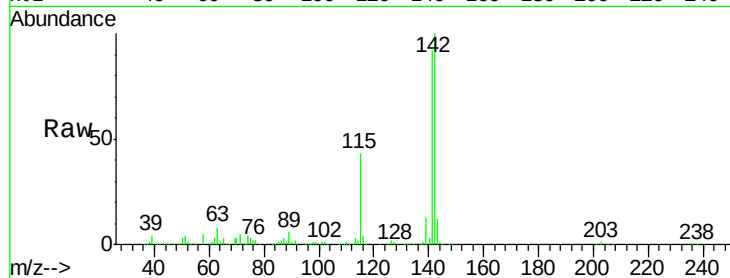
Tot Ion:142 Resp: 658677

Ion Ratio Lower Upper

142 100

141 91.5 72.3 108.5

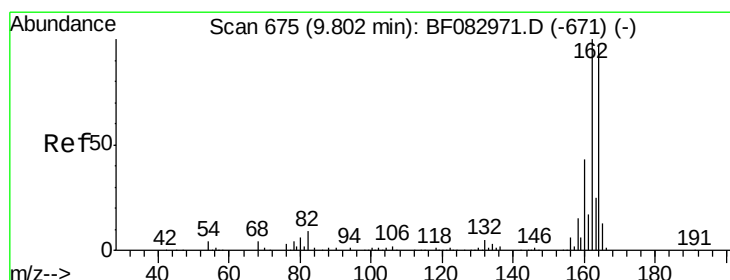
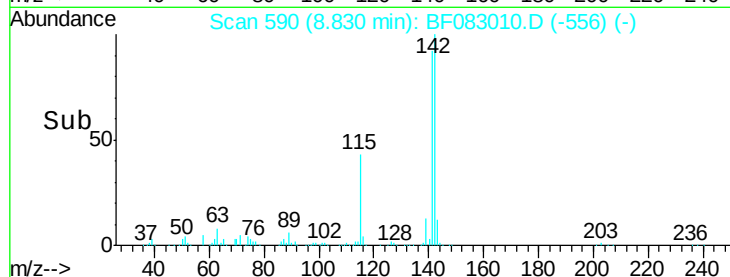
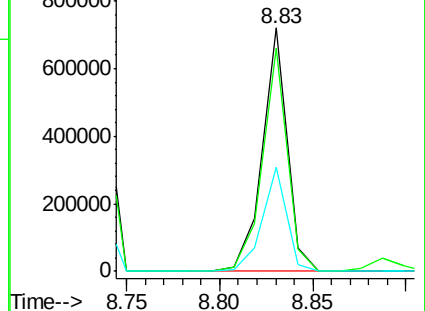
115 43.0 38.1 57.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.77 min Scan# 672

Delta R.T. -0.01 min

Lab File: BF083010.D

Acq: 18 Nov 2015 15:07

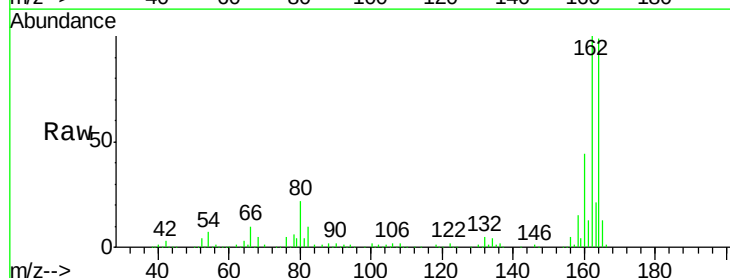
Tgt Ion:164 Resp: 286153

Ion Ratio Lower Upper

164 100

162 100.8 84.9 127.3

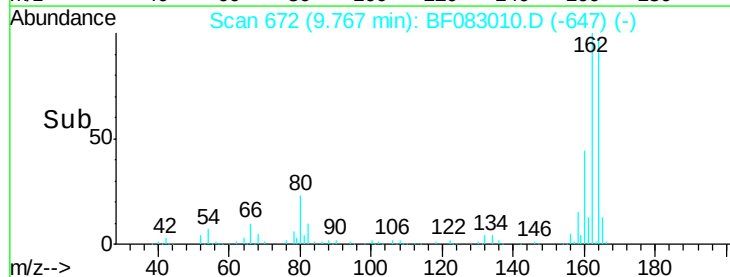
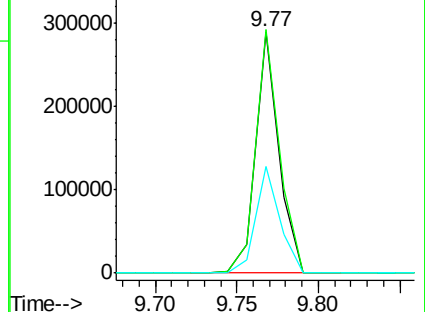
160 44.0 37.5 56.3

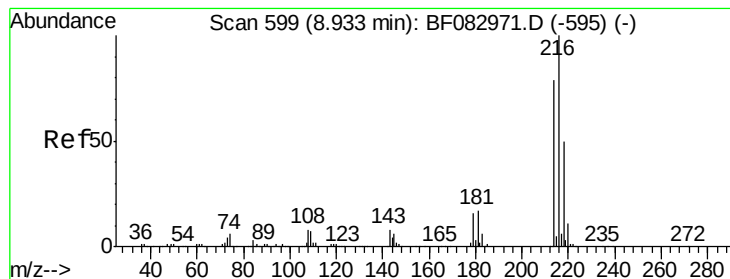


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 33.72 ng

RT: 8.90 min Scan# 596

Delta R.T. -0.01 min

Lab File: BF083010.D

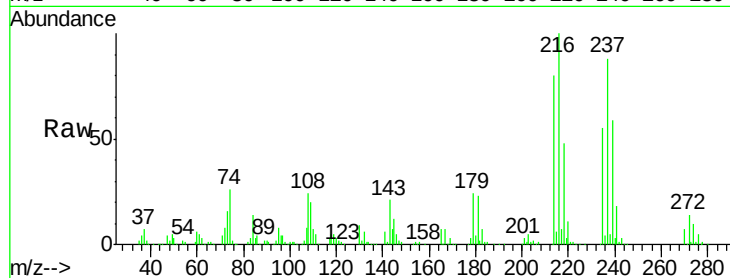
Acq: 18 Nov 2015 15:07

Instrument :

BNA_F

ClientSampleId :

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

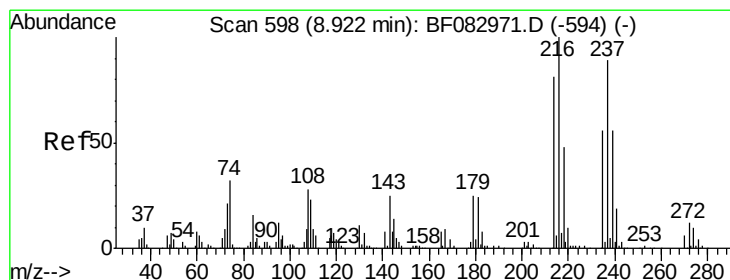
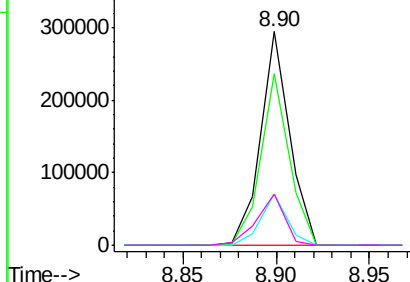
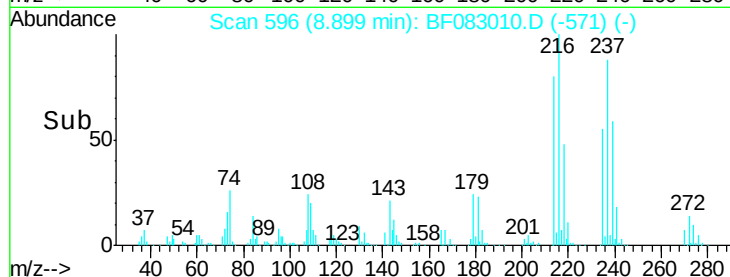


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 73.80 ng

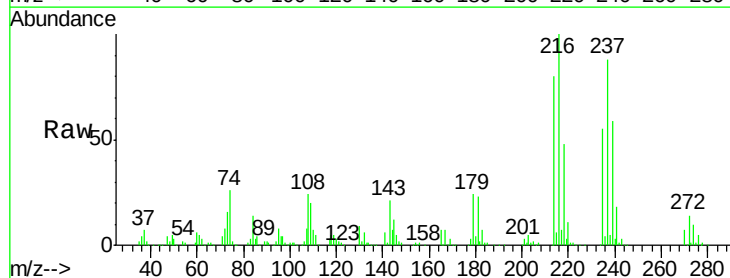
RT: 8.90 min Scan# 596

Delta R.T. -0.00 min

Lab File: BF083010.D

Acq: 18 Nov 2015 15:07

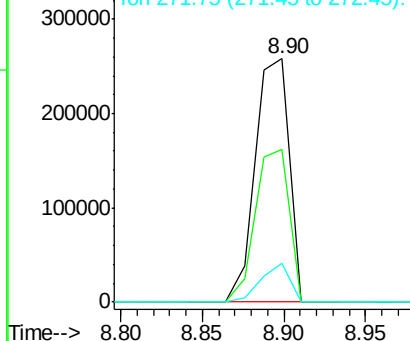
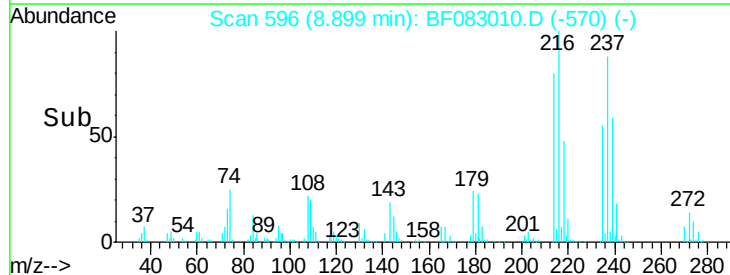
Tgt Ion:237	Resp:	372816
Ion Ratio	Lower	Upper
237	100	
235	62.9	44.3 84.3
272	16.1	0.0 31.9

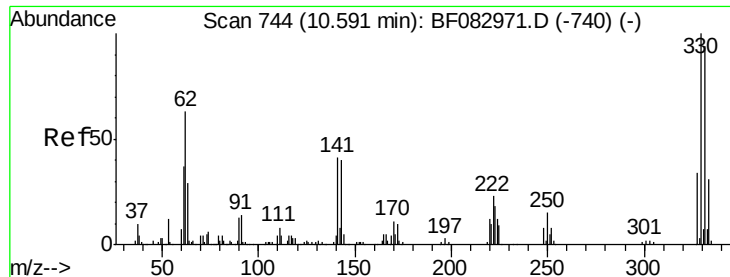


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

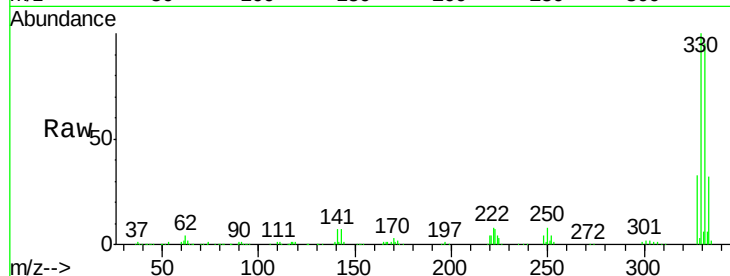




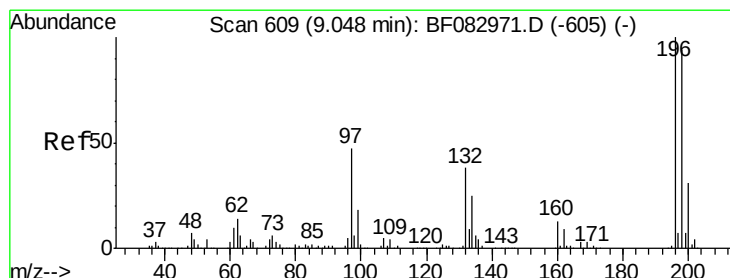
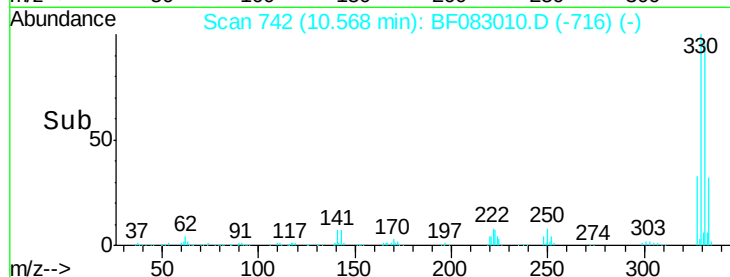
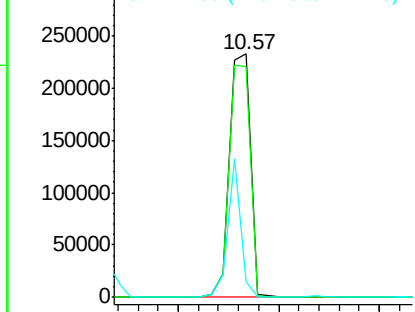
#41
 2,4,6-Tribromophenol
 Concen: 102.58 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.00 min
 Lab File: BF083010.D
 Acq: 18 Nov 2015 15:07

Instrument :
 BNA_F
 ClientSampleId :

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#

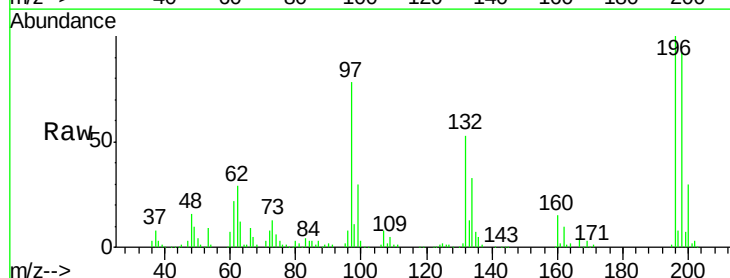


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

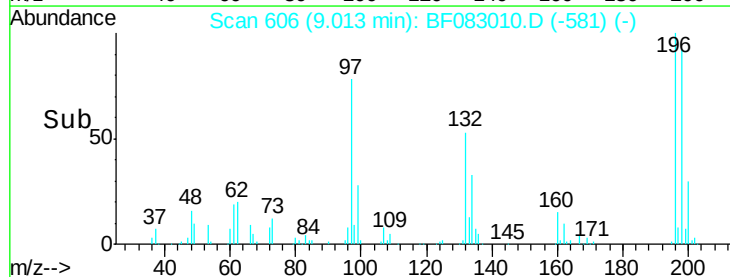
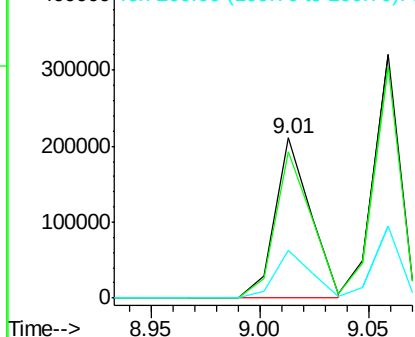


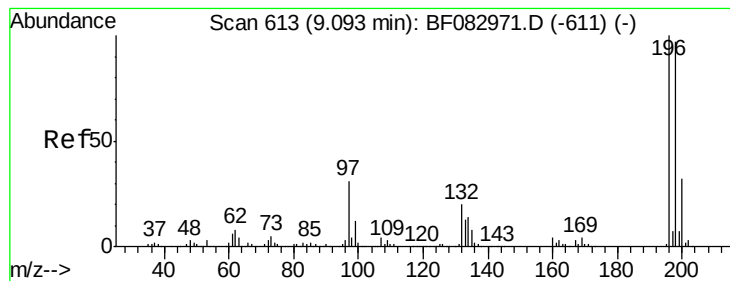
#42
 2,4,6-Trichlorophenol
 Concen: 34.42 ng
 RT: 9.01 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF083010.D
 Acq: 18 Nov 2015 15:07

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

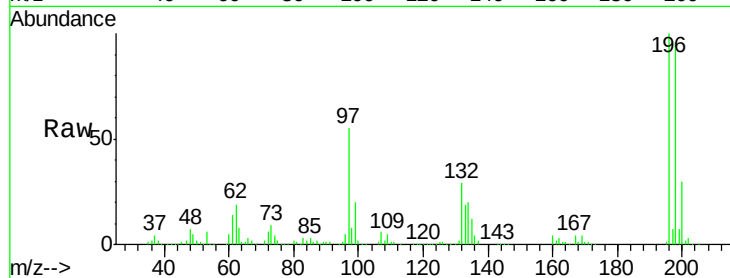




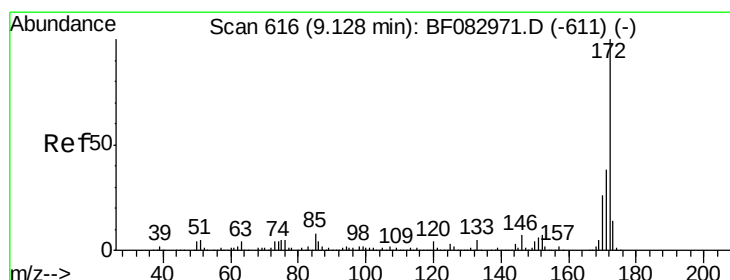
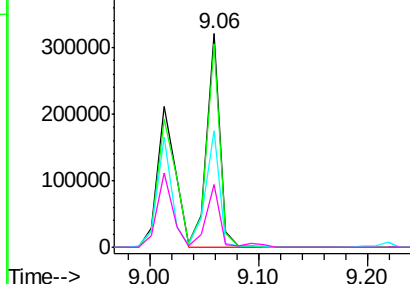
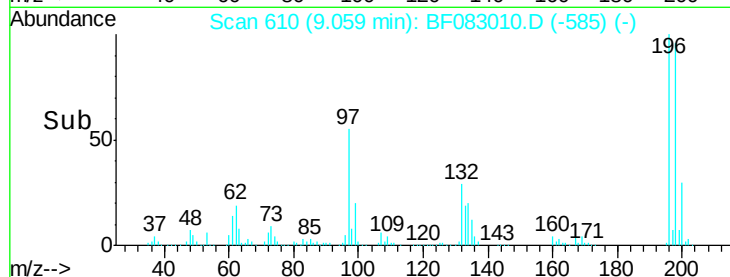
#43
 2,4,5-Trichlorophenol
 Concen: 39.44 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.01 min
 Lab File: BF083010.D
 Acq: 18 Nov 2015 15:07

Instrument :
 BNA_F
 ClientSampled :

Tot 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

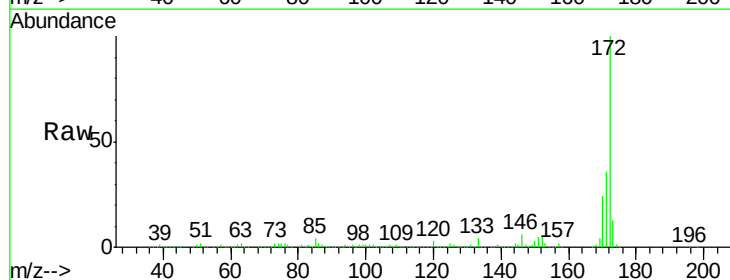


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

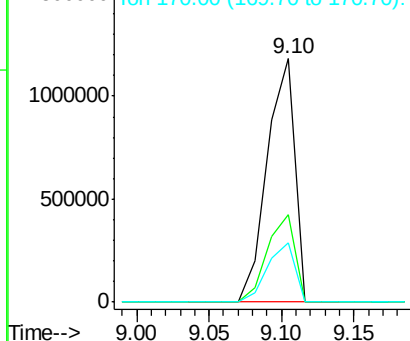
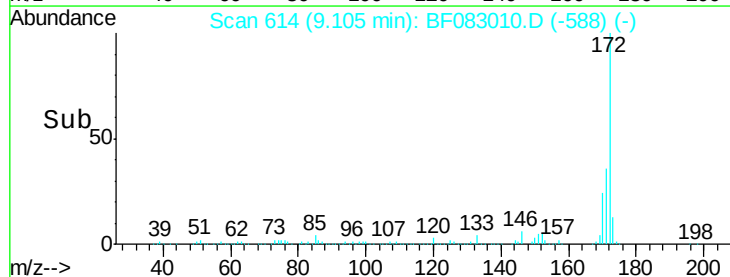


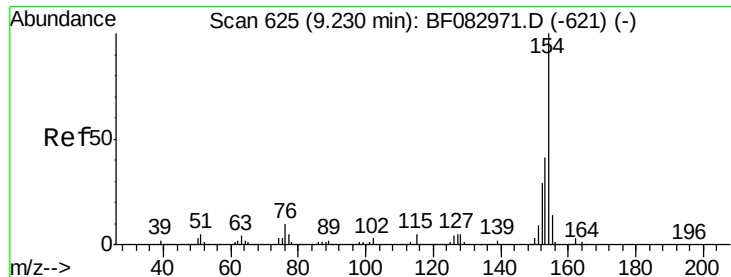
#44
 2-Fluorobiphenyl
 Concen: 78.17 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.00 min
 Lab File: BF083010.D
 Acq: 18 Nov 2015 15:07

Tgt Ion	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

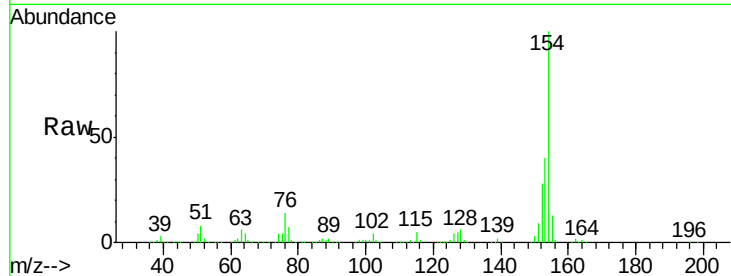




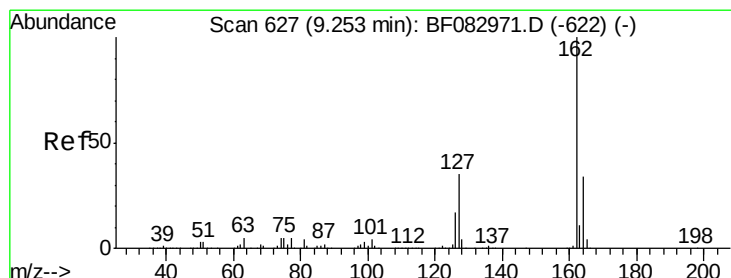
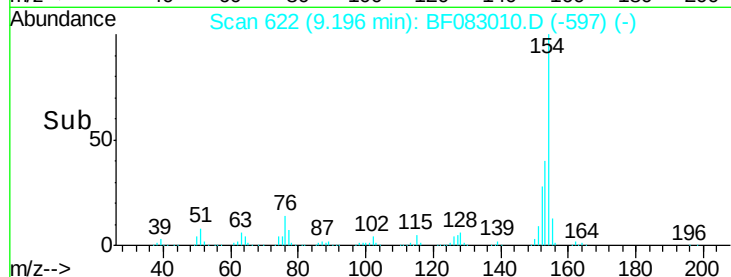
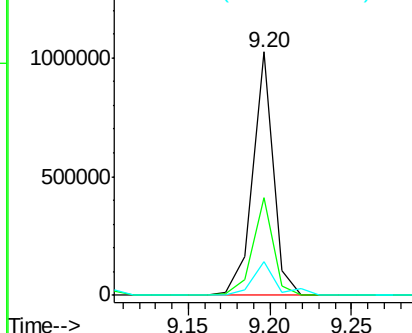
#45
 1,1'-Biphenyl
 Concen: 36.43 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.01 min
 Lab File: BF083010.D
 Acq: 18 Nov 2015 15:07

Instrument :
 BNA_F
 ClientSampled :

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

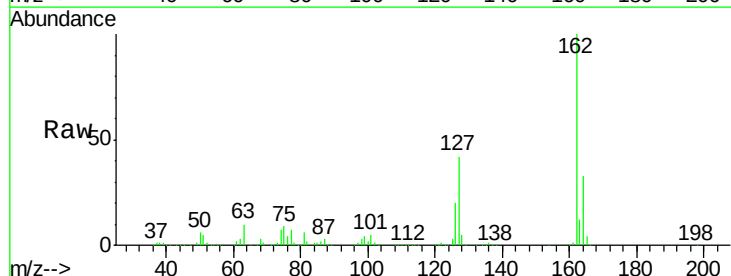


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

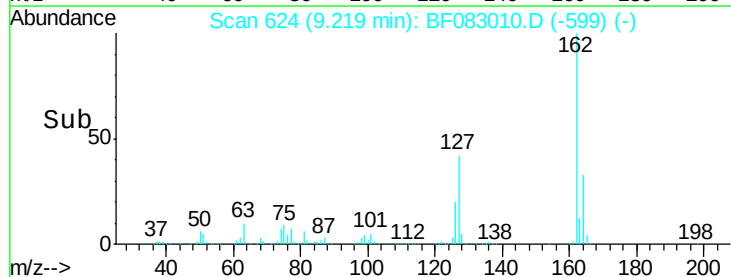
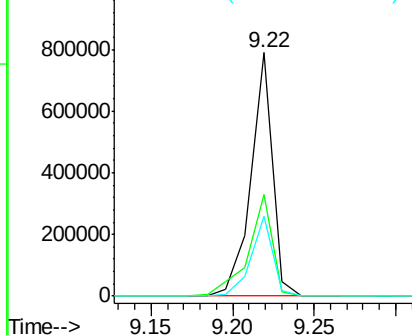


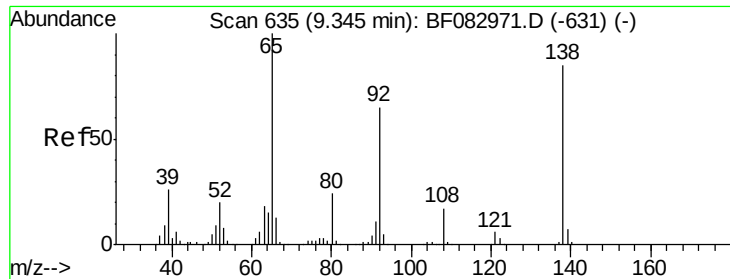
#46
 2-Chloronaphthalene
 Concen: 37.89 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.01 min
 Lab File: BF083010.D
 Acq: 18 Nov 2015 15:07

Tgt Ion	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 :

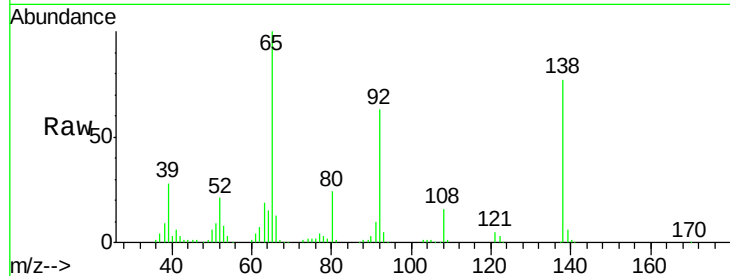
Tot Ion: 65 Resp: 241728

Ion Ratio Lower Upper

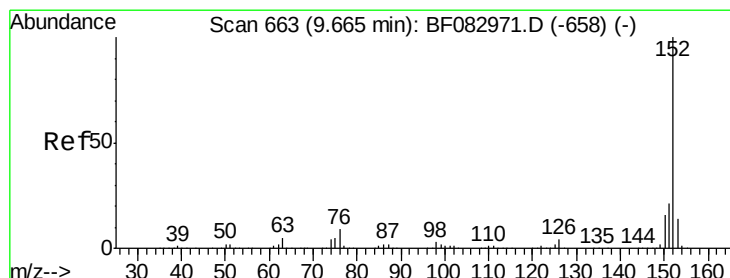
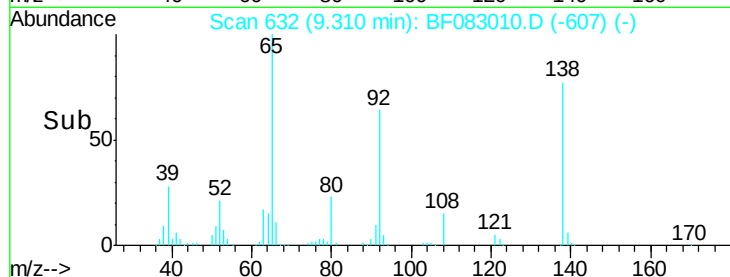
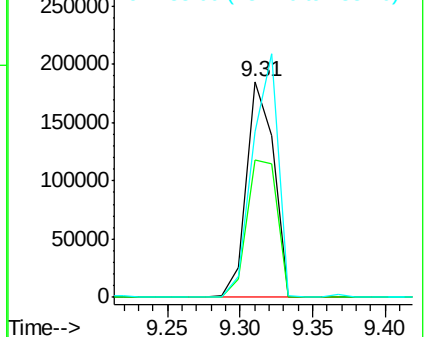
65 100

92 63.5 46.6 70.0

138 76.7 54.6 81.8



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



#48

Acenaphthylene

Concen: 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

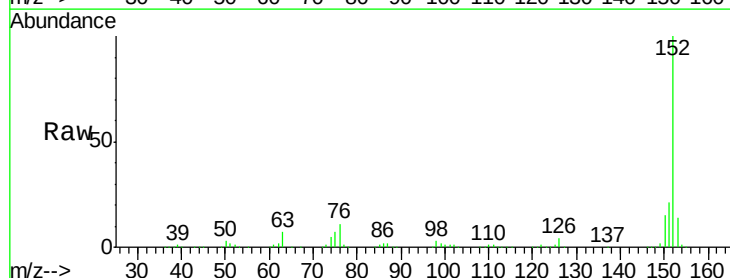
Tgt Ion: 152 Resp: 1084584

Ion Ratio Lower Upper

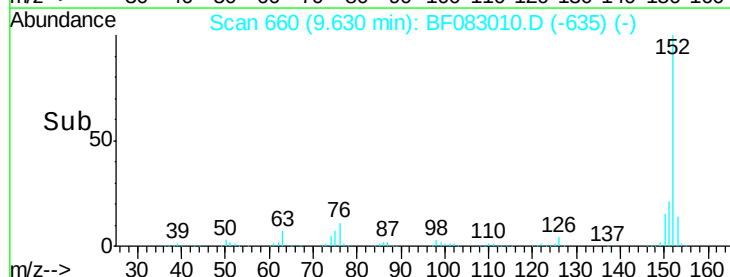
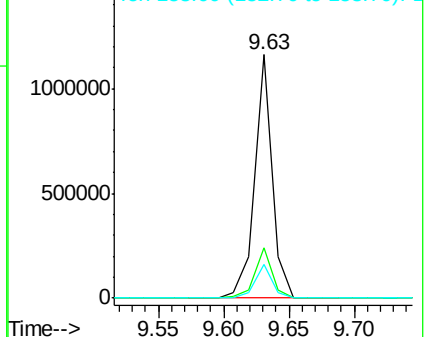
152 100

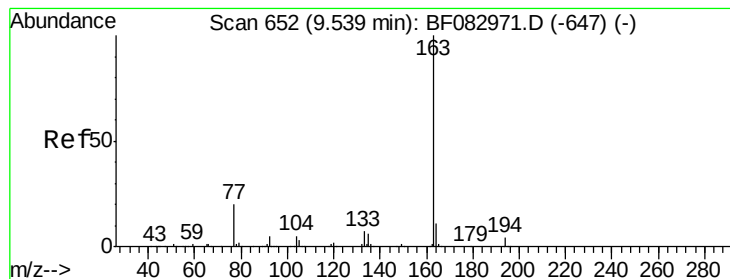
151 20.8 17.3 25.9

153 13.8 11.3 16.9



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





#49

Dimethylphthalate

Concen: 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 :

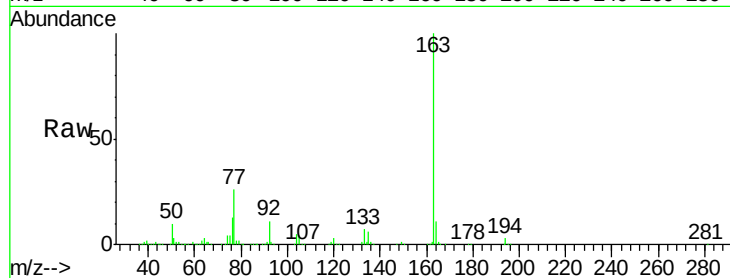
Tot Ion:163 Resp: 853195

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

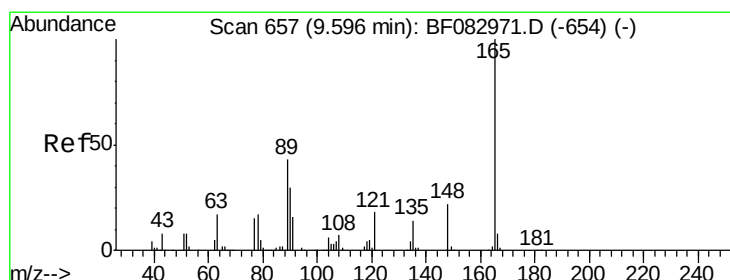
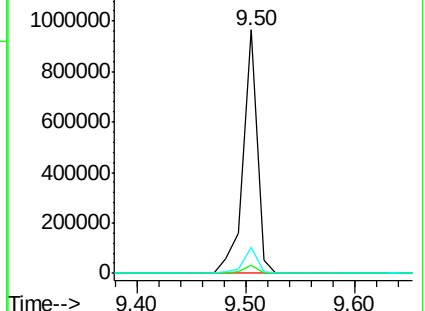
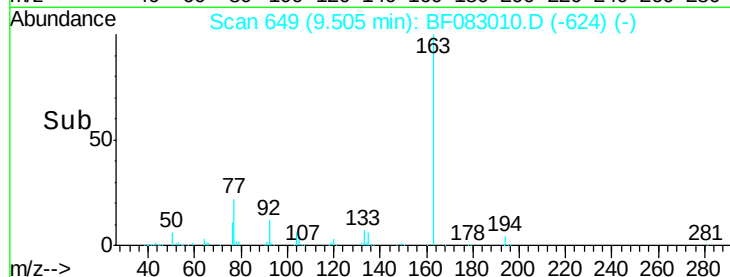
164 10.6 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 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

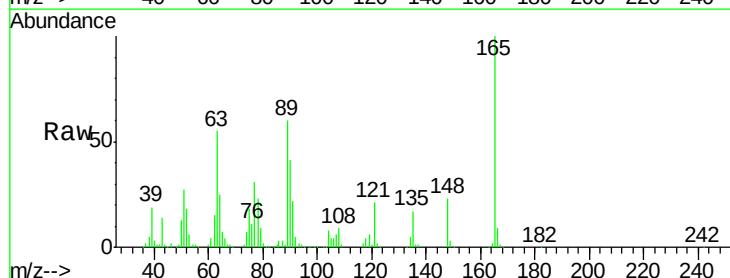
Tgt Ion:165 Resp: 200946

Ion Ratio Lower Upper

165 100

63 54.9 55.5 83.3#

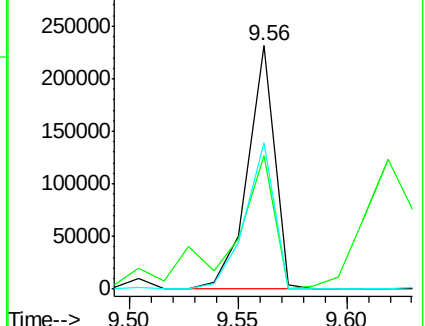
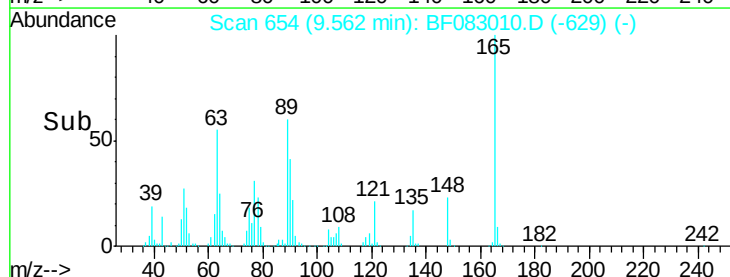
89 59.9 55.0 82.6

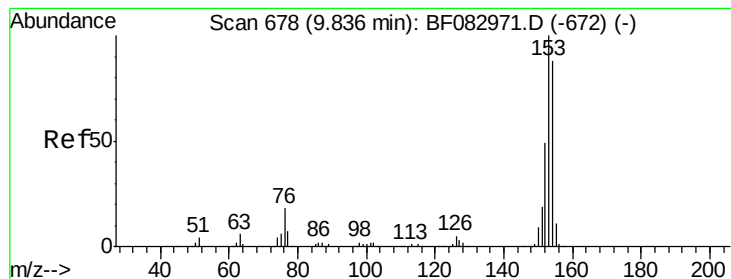


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 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

ClientSampled :

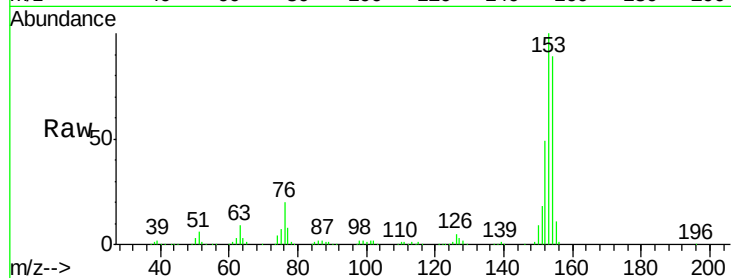
Tot Ion:154 Resp: 776213

Ion Ratio Lower Upper

154 100

153 111.8 90.1 135.1

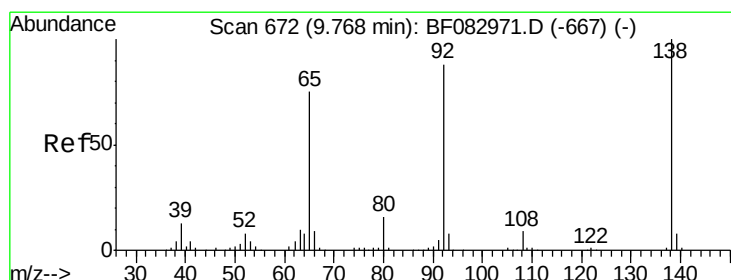
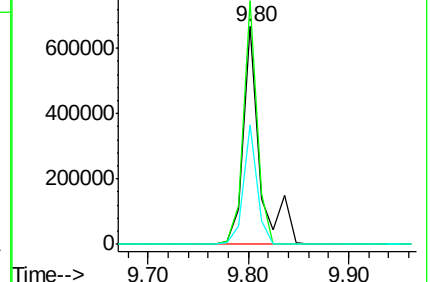
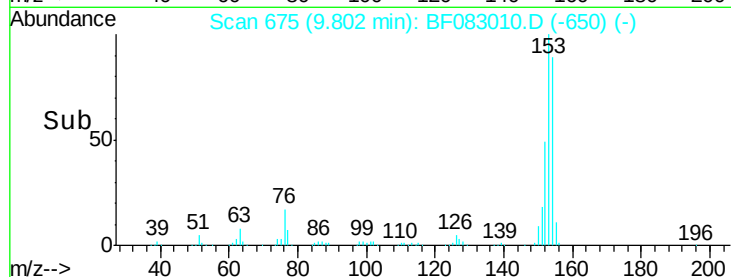
152 54.6 44.3 66.5



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

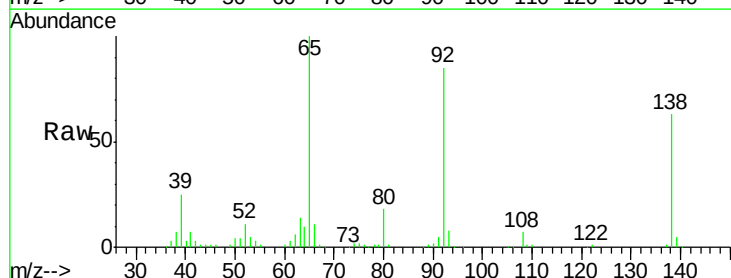
Tgt Ion:138 Resp: 79263

Ion Ratio Lower Upper

138 100

108 11.9 11.3 16.9

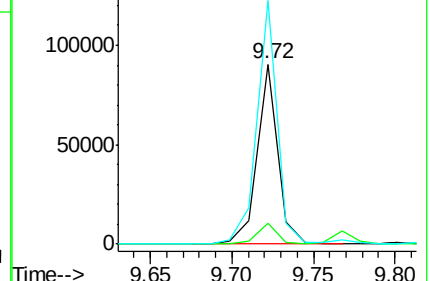
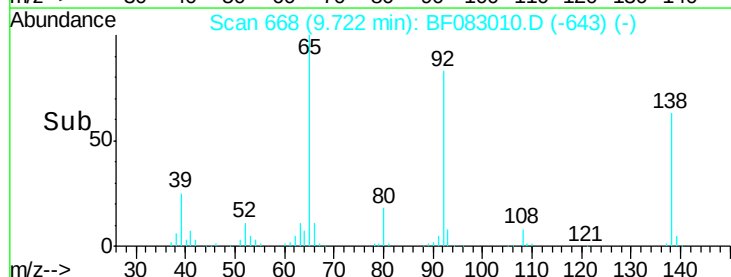
92 135.3 122.4 183.6

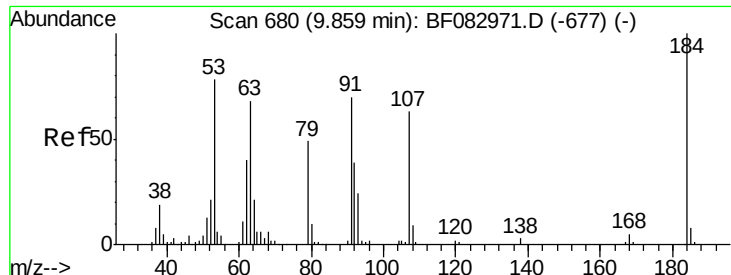


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

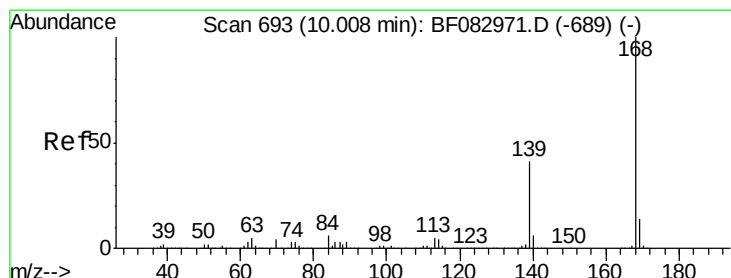
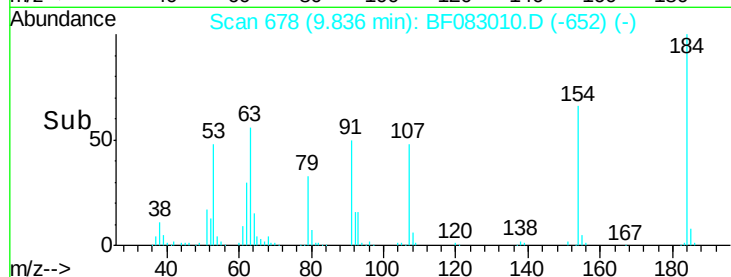
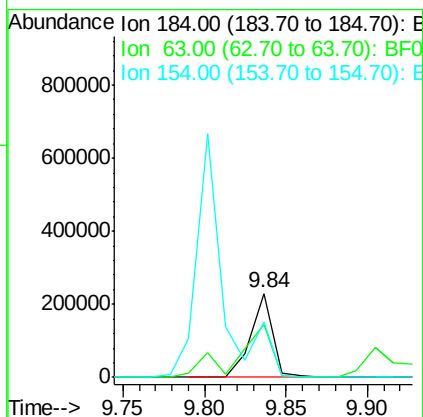
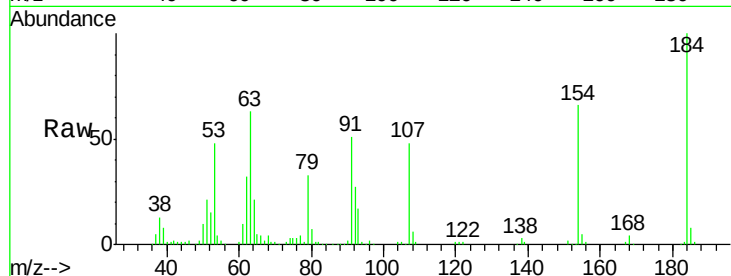




#53
 2,4-Dinitrophenol
 Concen: 78.82 ng
 RT: 9.84 min Scan# 678
 Delta R.T. -0.00 min
 Lab File: BF083010.D
 Acq: 18 Nov 2015 15:07

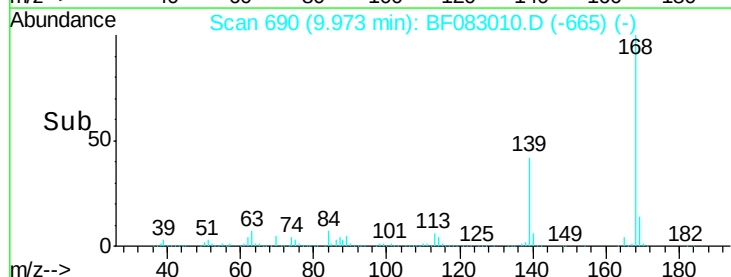
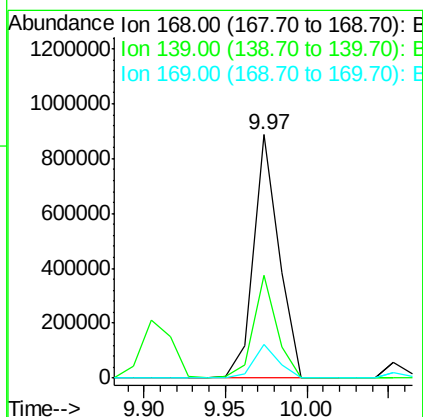
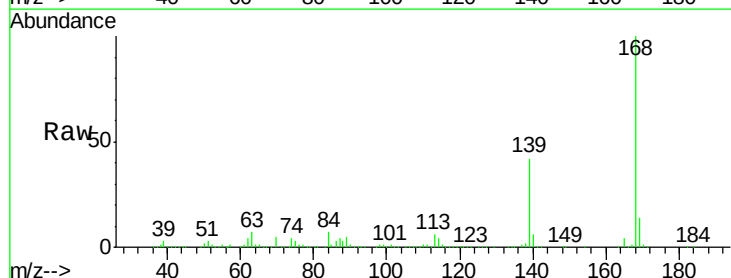
Instrument :
 BNA_F
 ClientSampled :

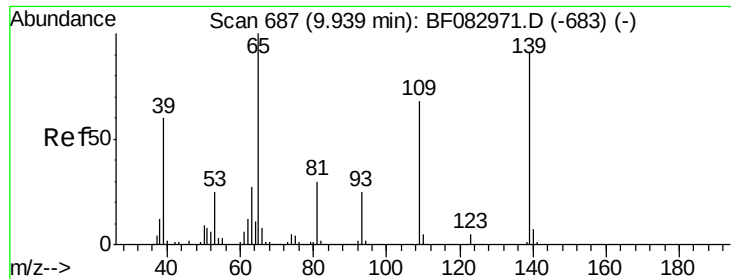
Tot Ion:184 Resp: 216475
 Ion Ratio Lower Upper
 184 100
 63 63.4 98.6 148.0#
 154 65.7 183.9 275.9#



#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

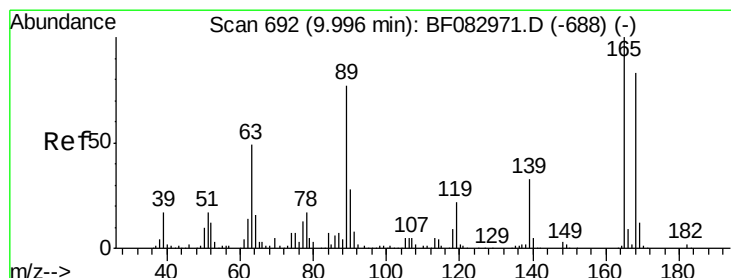
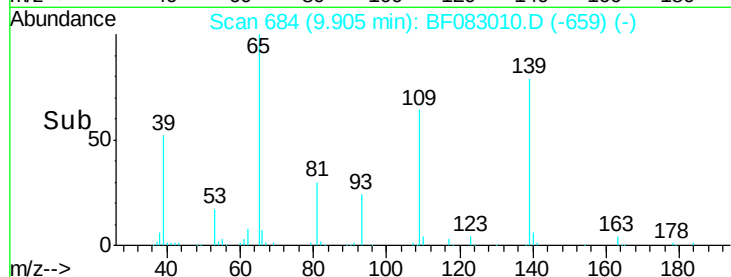
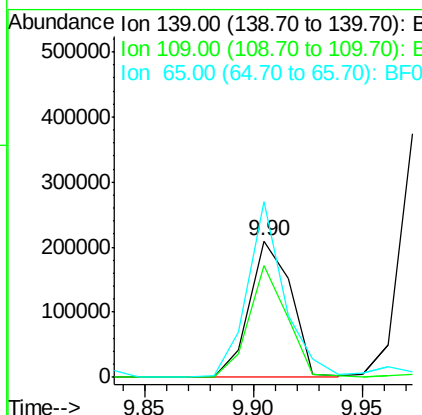
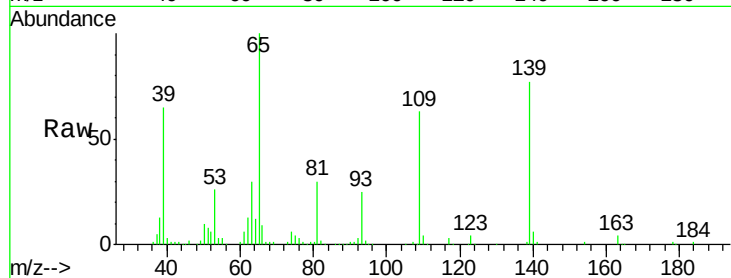




#55
4-Nitrophenol
Concen: 66.91 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.01 min
Lab File: BF083010.D
Acq: 18 Nov 2015 15:07

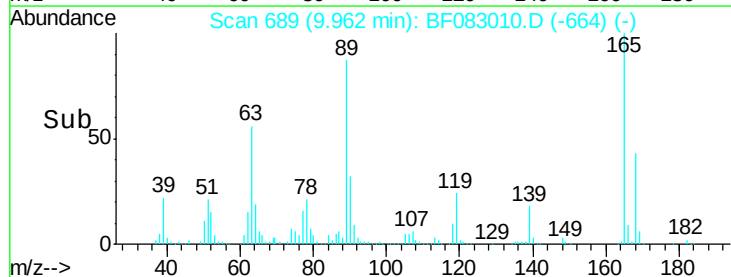
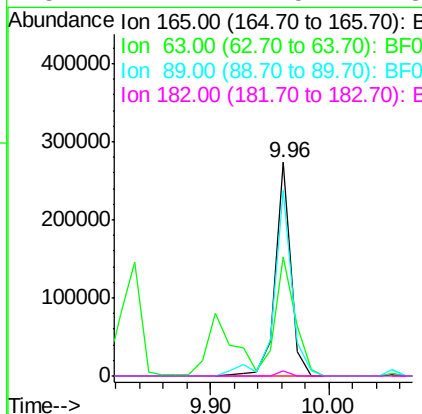
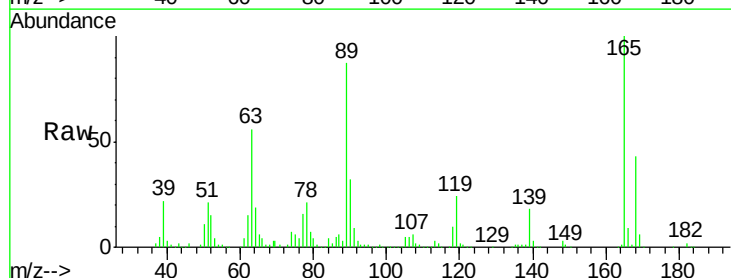
Instrument :
BNA_F
ClientSampled :

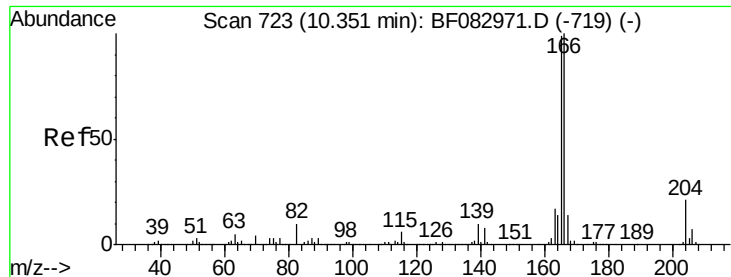
Tot Ion:139 Resp: 282385
Ion Ratio Lower Upper
139 100
109 81.7 73.7 113.7
65 129.4 82.9 122.9#



#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

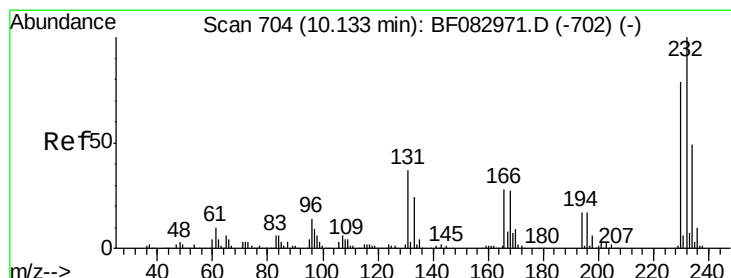
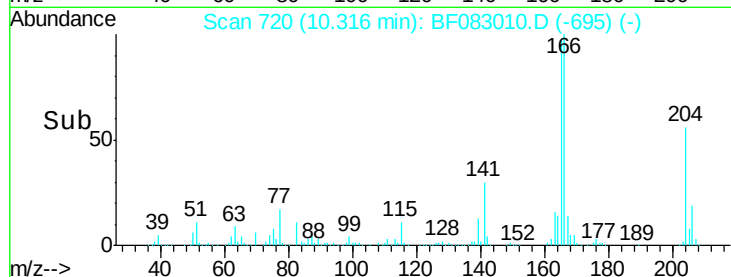
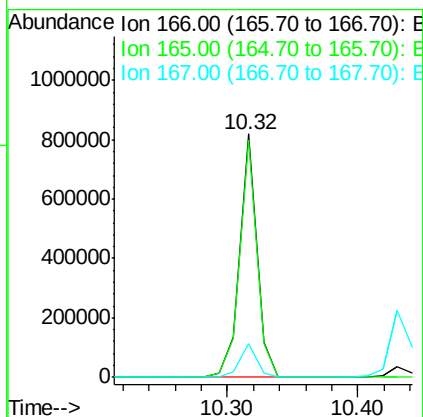
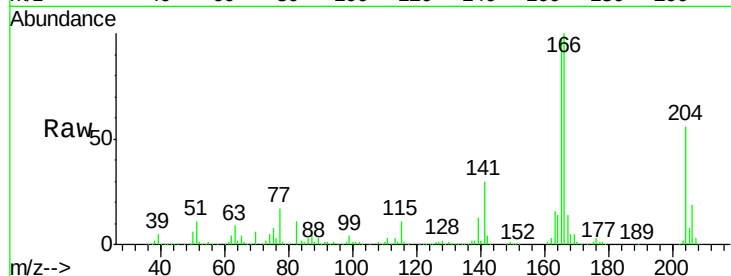




#57
 Fluorene
 Concen: 35.94 ng
 RT: 10.32 min Scan# 720
 Delta R.T. -0.01 min
 Lab File: BF083010.D
 Acq: 18 Nov 2015 15:07

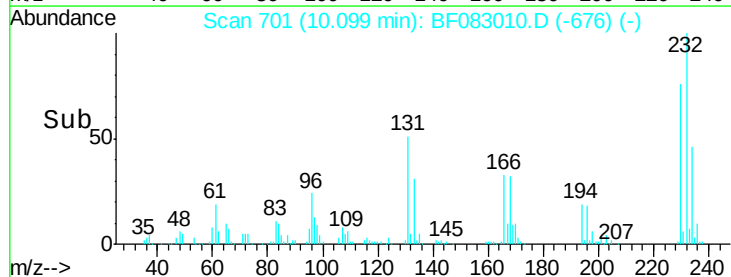
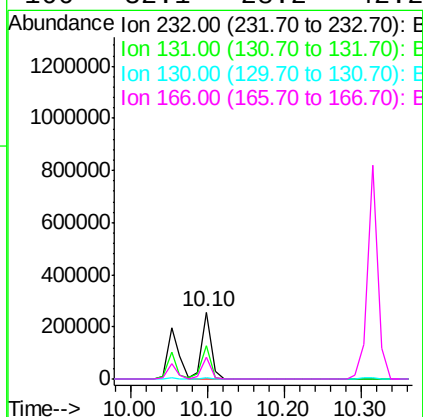
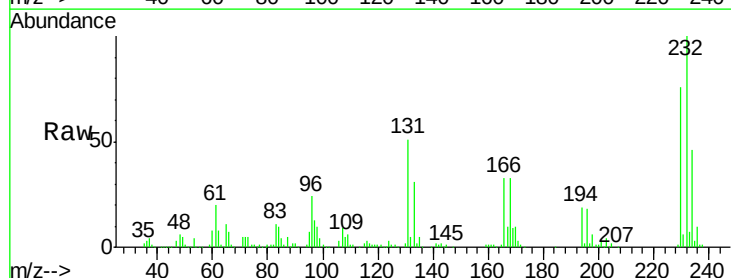
Instrument :
 BNA_F
 ClientSampleId :

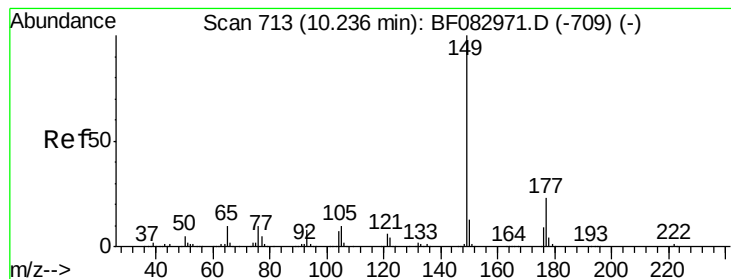
Tot Ion:166 Resp: 746464
 Ion Ratio Lower Upper
 166 100
 165 97.4 80.2 120.4
 167 14.0 11.2 16.8



#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





#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 :

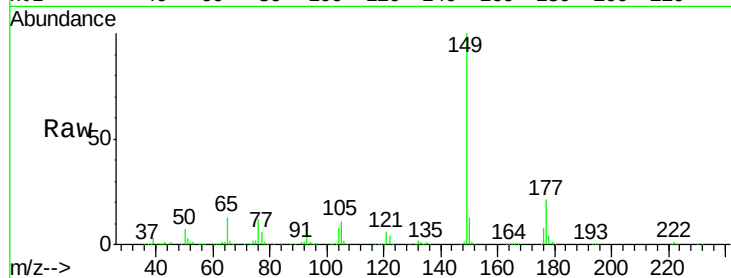
Tot Ion:149 Resp: 830615

Ion Ratio Lower Upper

149 100

177 21.1 17.9 26.9

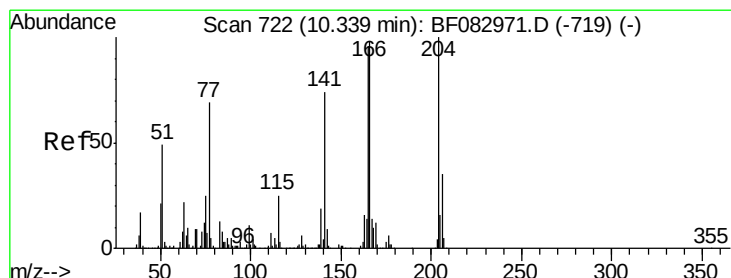
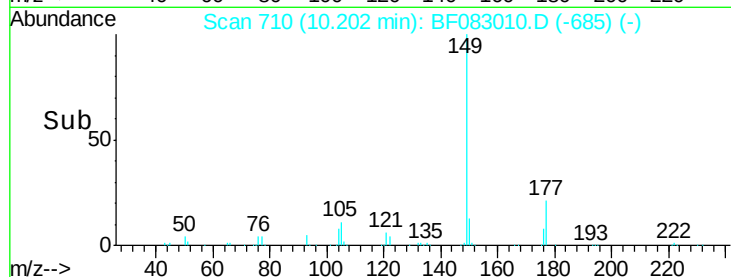
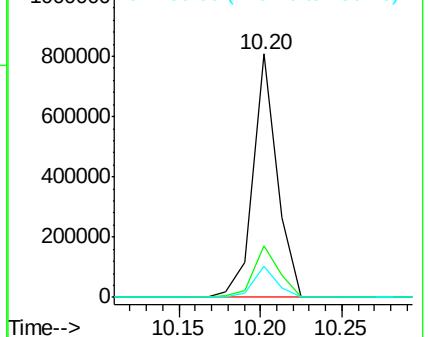
150 12.9 10.1 15.1



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

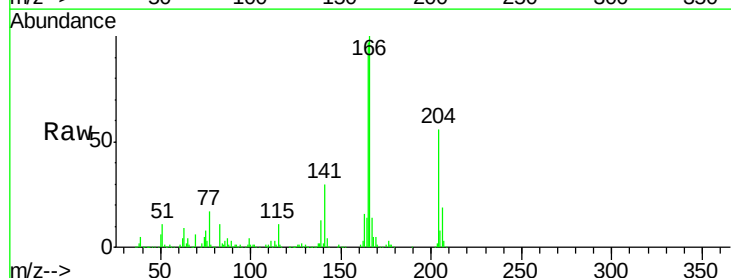
Tgt Ion:204 Resp: 410344

Ion Ratio Lower Upper

204 100

206 34.3 28.5 42.7

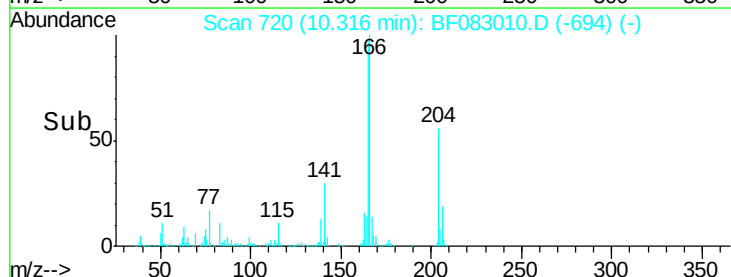
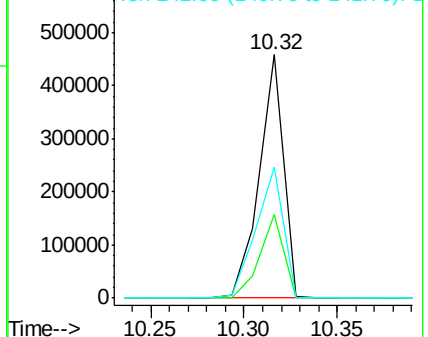
141 53.7 44.6 66.8

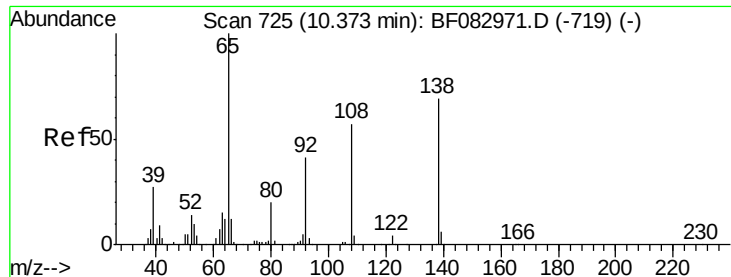


Abundance Ion 204.00 (203.70 to 204.70): E

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 :

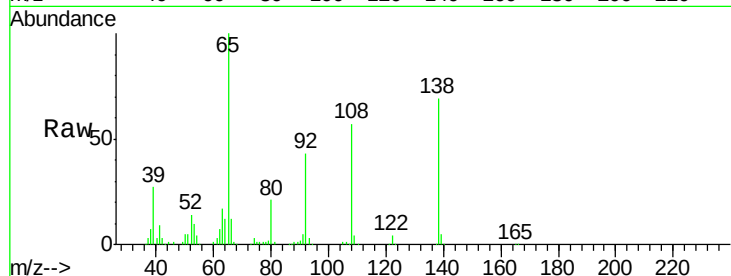
Tot Ion:138 Resp: 170678

Ion Ratio Lower Upper

138 100

92 62.1 45.8 85.8

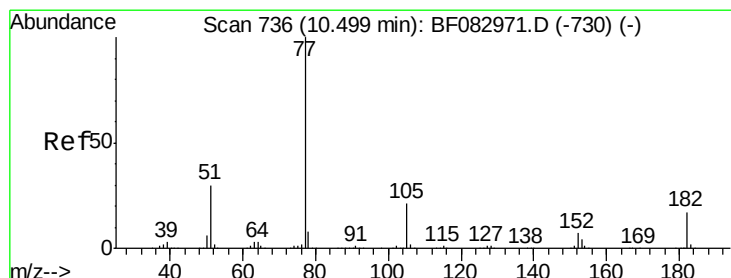
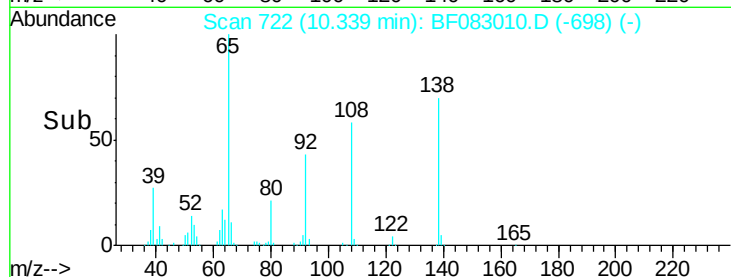
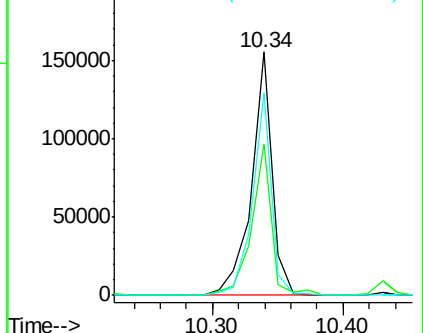
108 83.5 89.4 129.4#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 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

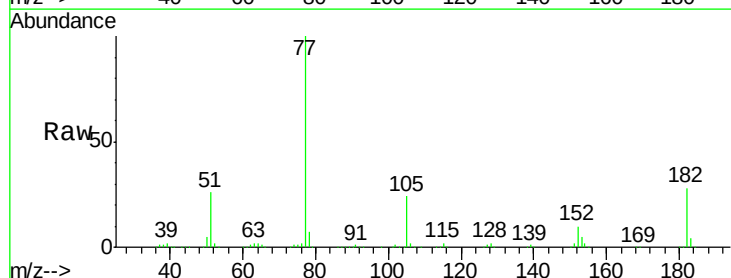
Ion Ratio Lower Upper

77 100

182 27.9 9.3 49.3

105 24.3 2.6 42.6

51 26.2 9.9 49.9

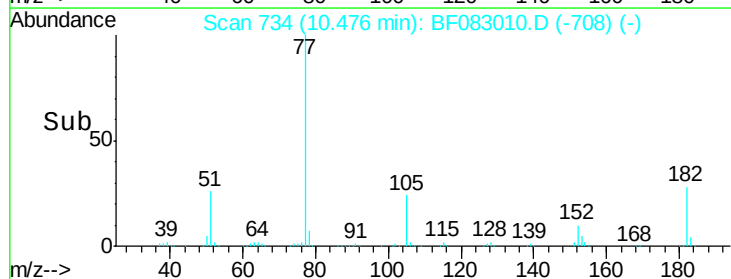
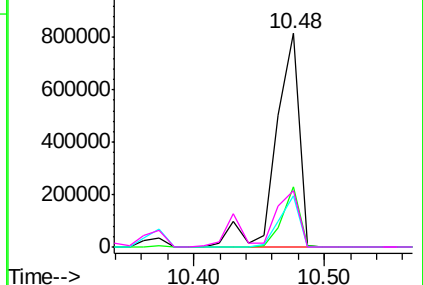


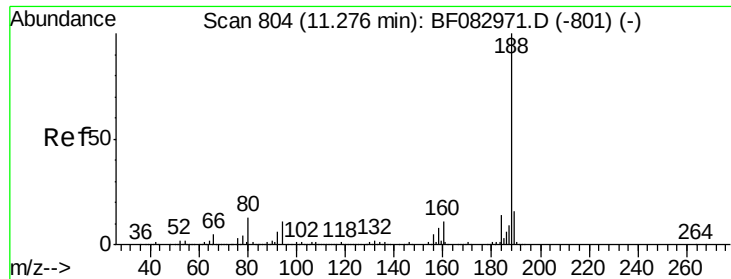
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.25 min Scan# 802

Delta R.T. -0.00 min

Lab File: BF083010.D

Acq: 18 Nov 2015 15:07

Instrument :

BNA_F

ClientSampled :

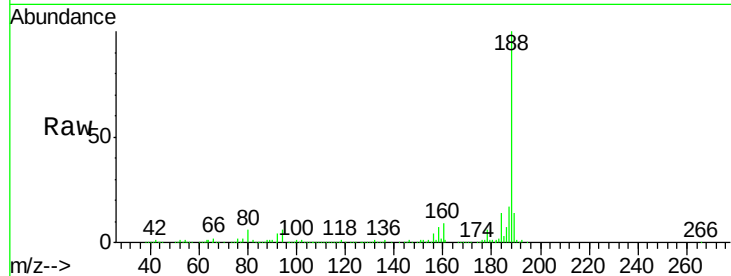
Tot Ion:188 Resp: 562262

Ion Ratio Lower Upper

188 100

94 6.2 6.1 9.1

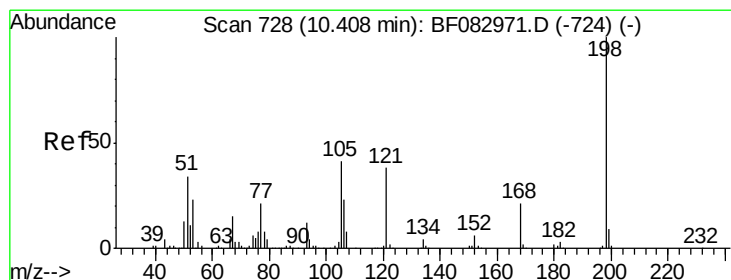
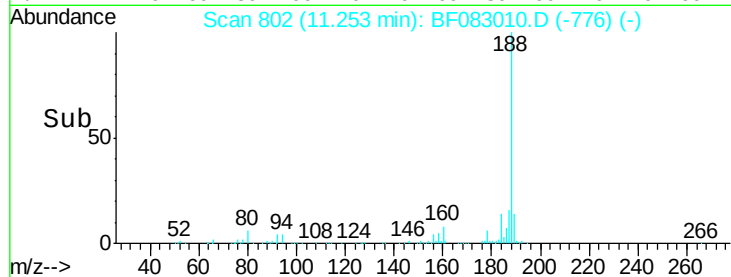
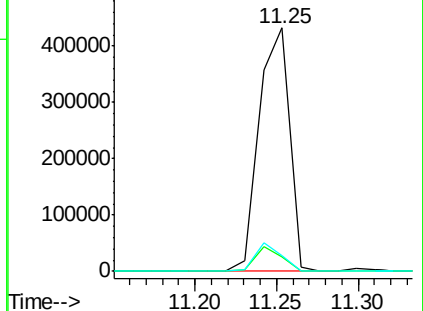
80 6.5 7.0 10.6#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 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

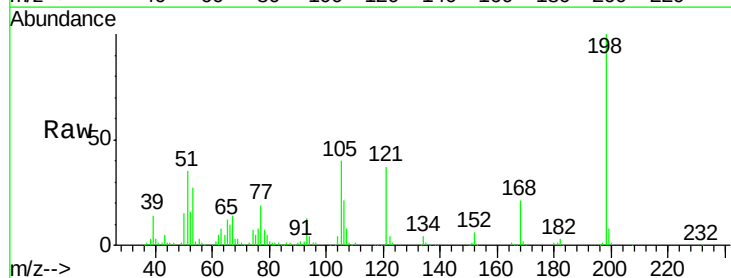
Tgt Ion:198 Resp: 154835

Ion Ratio Lower Upper

198 100

51 35.3 17.3 57.3

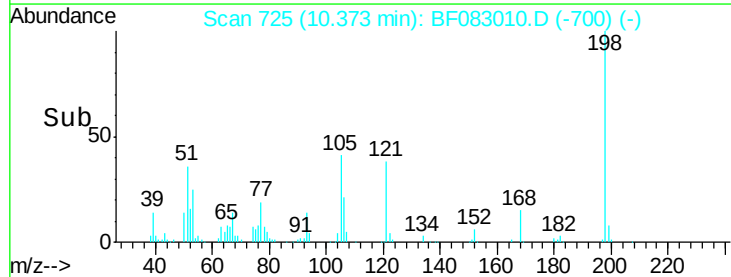
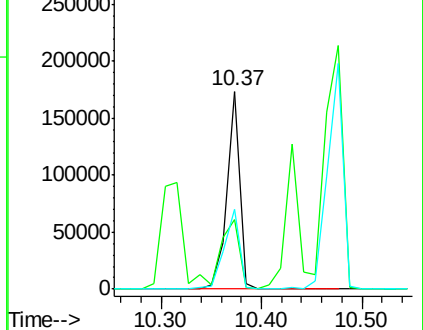
105 40.3 21.7 61.7

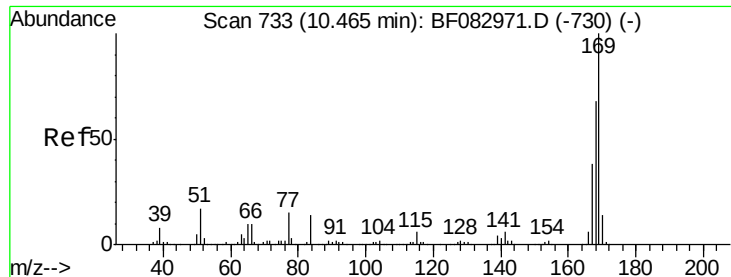


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

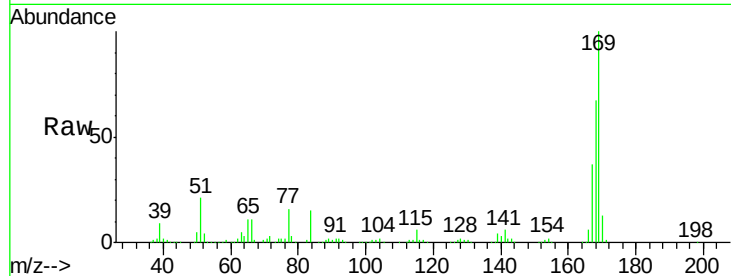




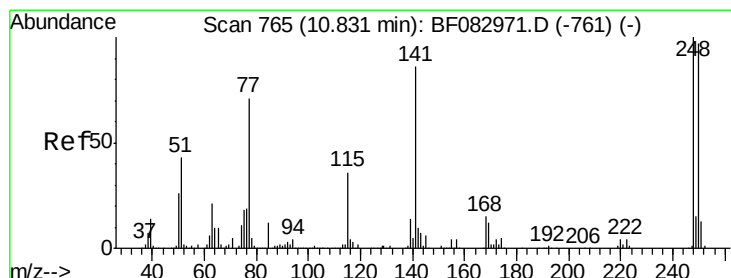
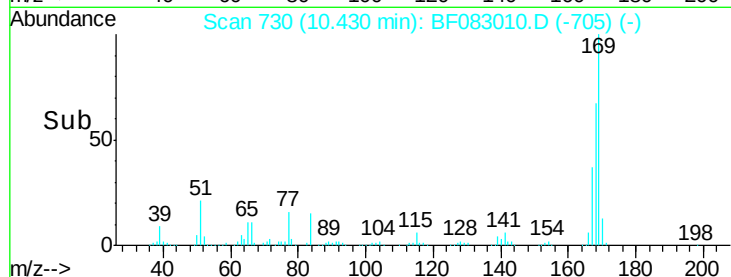
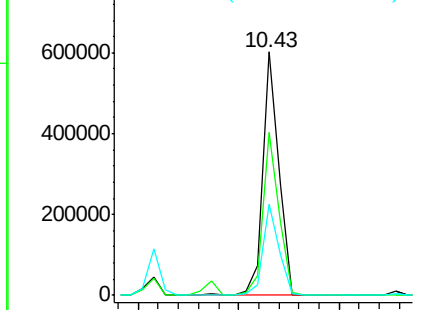
#65
 n-Nitrosodiphenylamine
 Concen: 32.47 ng
 RT: 10.43 min Scan# 730
 Delta R.T. -0.01 min
 Lab File: BF083010.D
 Acq: 18 Nov 2015 15:07

Instrument :
 BNA_F
 ClientSampleId :

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

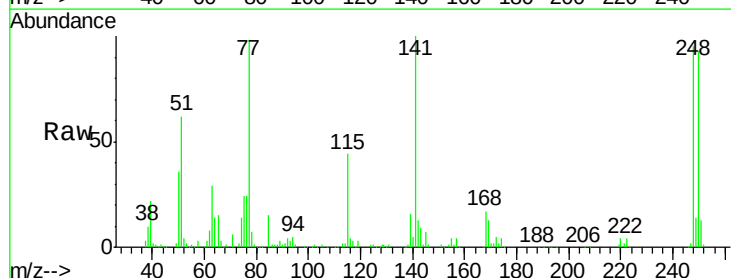


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

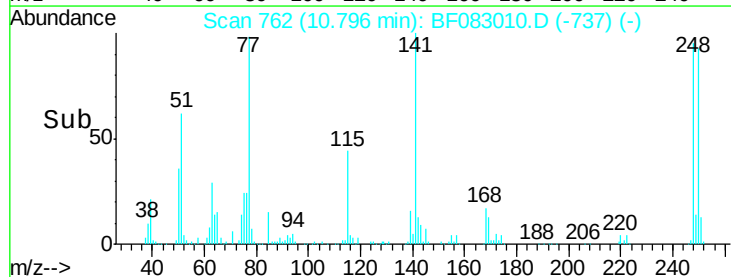
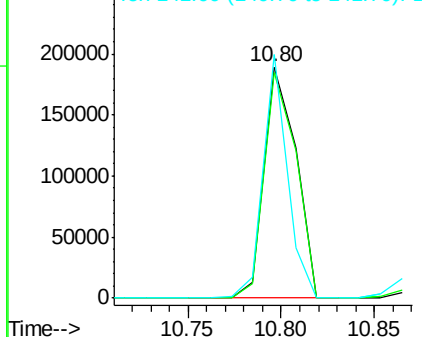


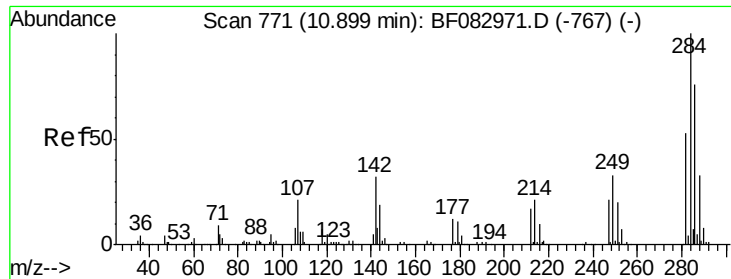
#66
 4-Bromophenyl-phenylether
 Concen: 32.98 ng
 RT: 10.80 min Scan# 762
 Delta R.T. -0.01 min
 Lab File: BF083010.D
 Acq: 18 Nov 2015 15:07

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

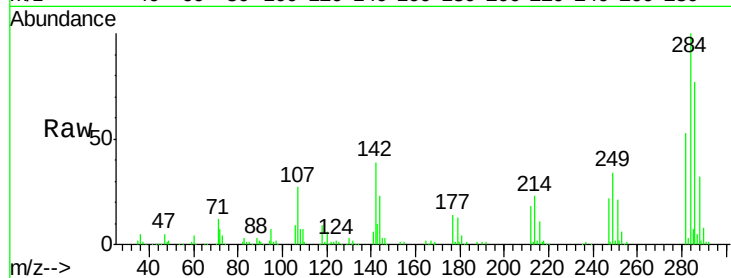




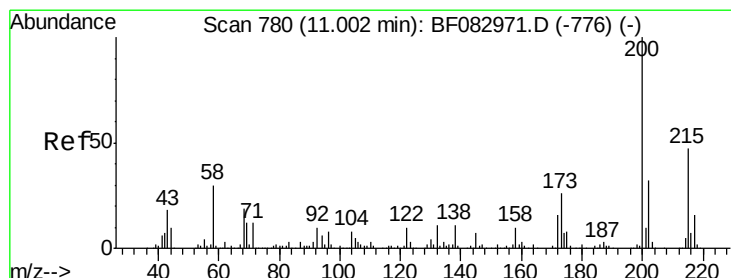
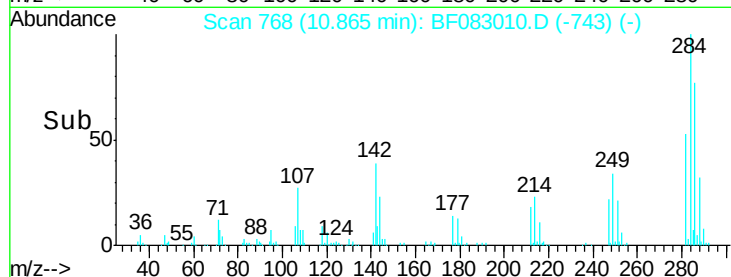
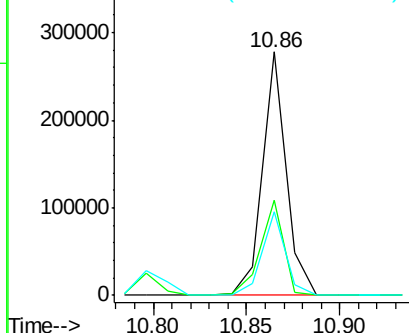
#67
Hexachlorobenzene
Concen: 32.96 ng
RT: 10.86 min Scan# 768
Delta R.T. -0.01 min
Lab File: BF083010.D
Acq: 18 Nov 2015 15:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	39.2	47.9	71.9
249	34.4	29.7	44.5

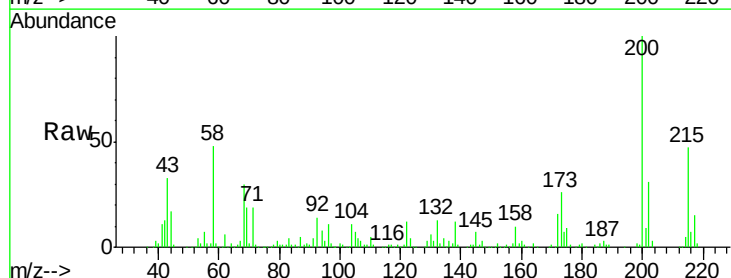


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

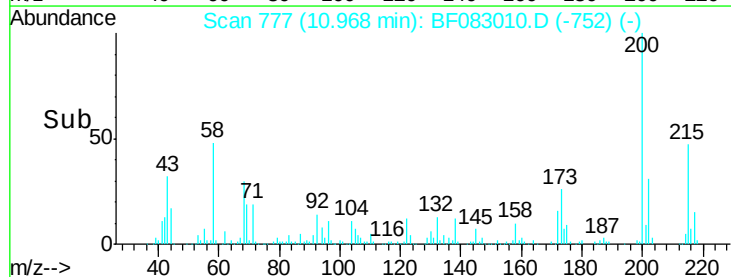
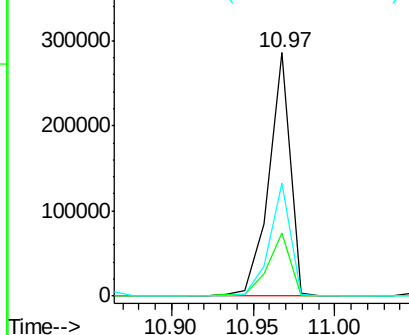


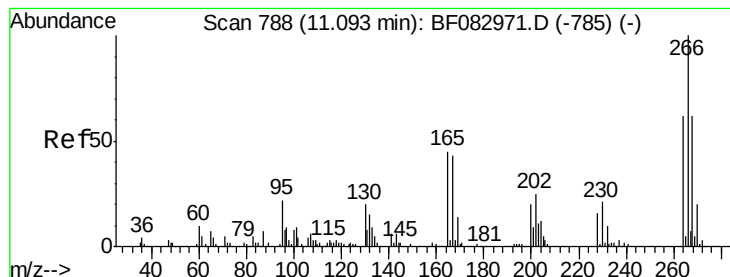
#68
Atrazine
Concen: 41.68 ng
RT: 10.97 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF083010.D
Acq: 18 Nov 2015 15:07

Tgt Ion	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 :

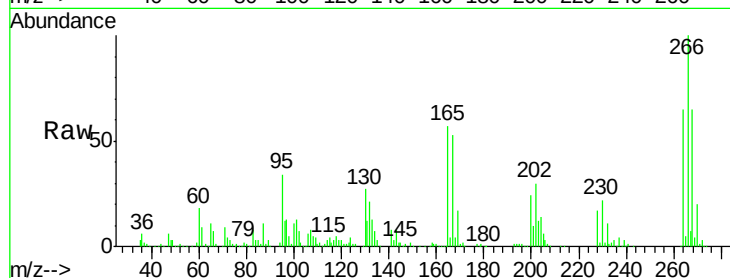
Tot Ion:266 Resp: 273287

Ion Ratio Lower Upper

266 100

268 64.6 51.0 76.6

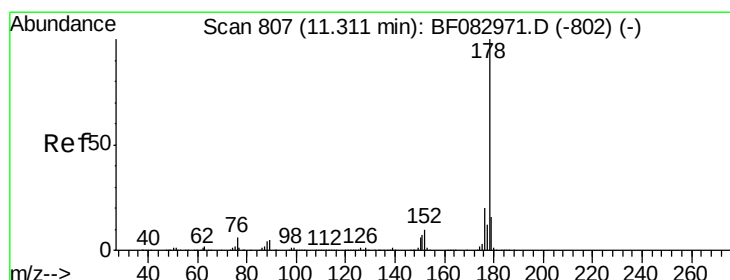
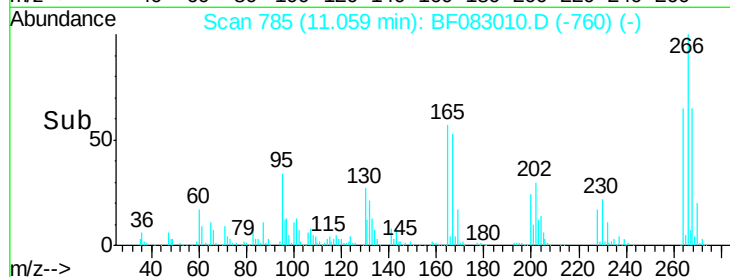
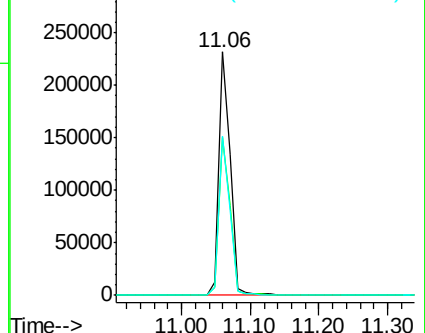
264 65.2 50.6 75.8



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 39.16 ng

RT: 11.28 min Scan# 804

Delta R.T. -0.00 min

Lab File: BF083010.D

Acq: 18 Nov 2015 15:07

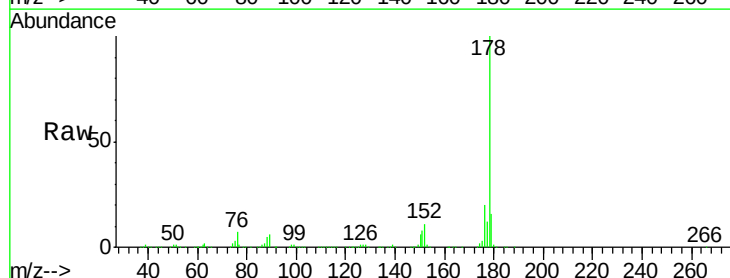
Tgt Ion:178 Resp: 1278671

Ion Ratio Lower Upper

178 100

176 20.5 17.0 25.4

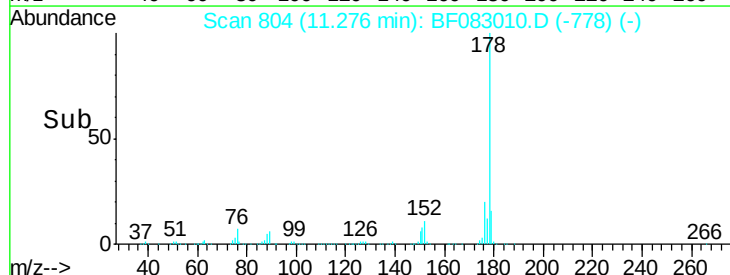
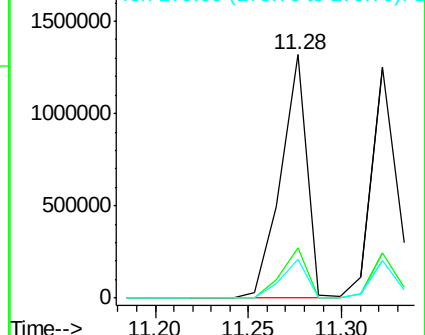
179 15.9 13.4 20.0

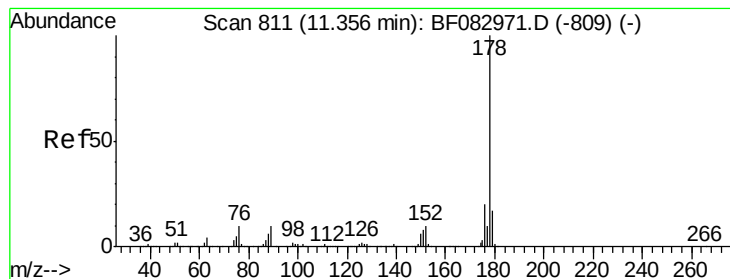


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 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 :

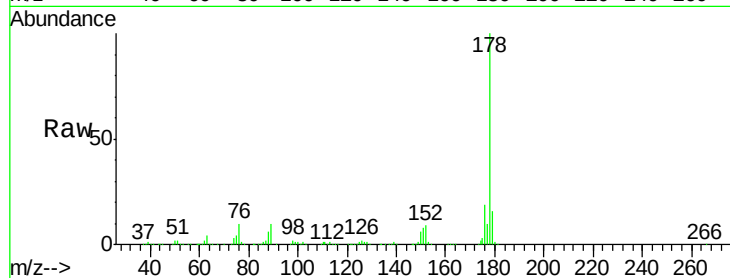
Tot Ion:178 Resp: 1147201

Ion Ratio Lower Upper

178 100

176 19.5 16.5 24.7

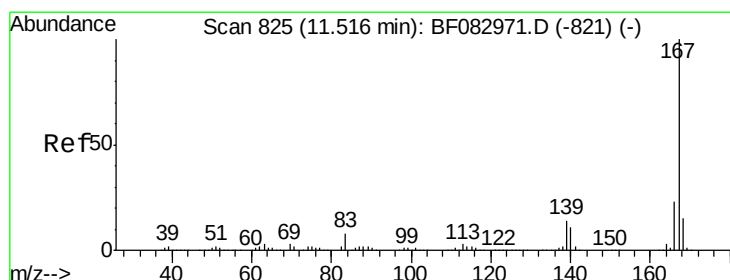
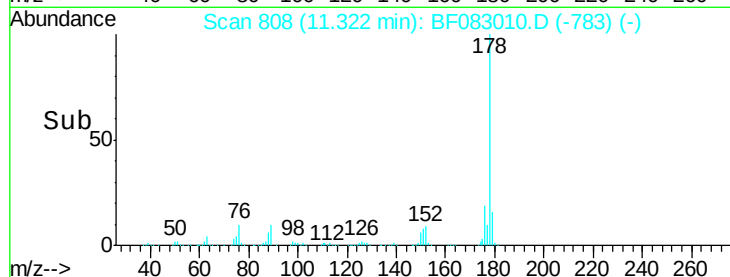
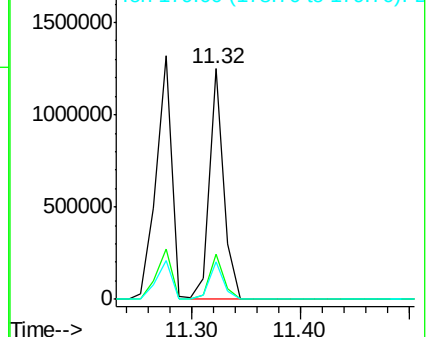
179 16.0 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#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

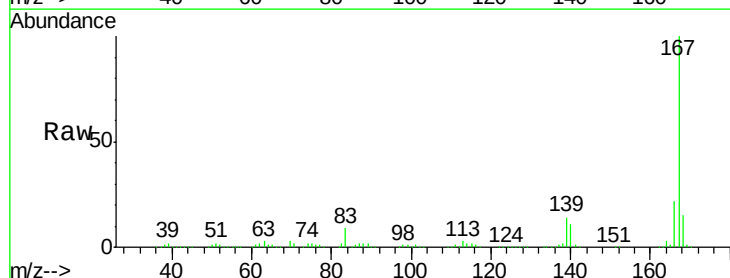
Tgt Ion:167 Resp: 1105227

Ion Ratio Lower Upper

167 100

166 22.1 18.7 28.1

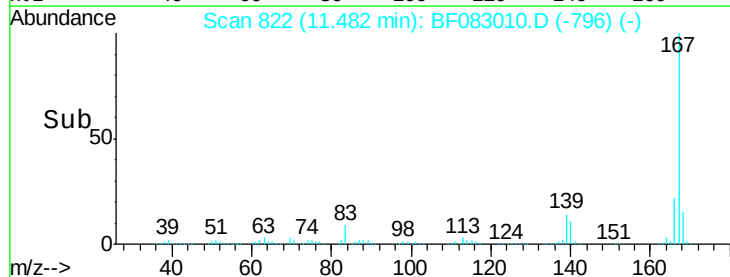
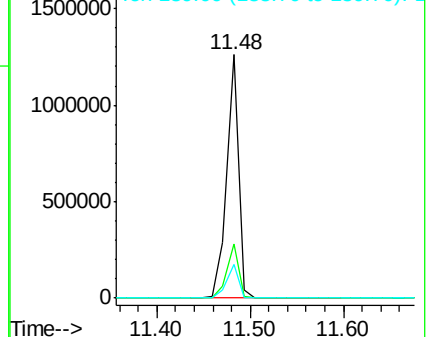
139 13.8 11.8 17.6

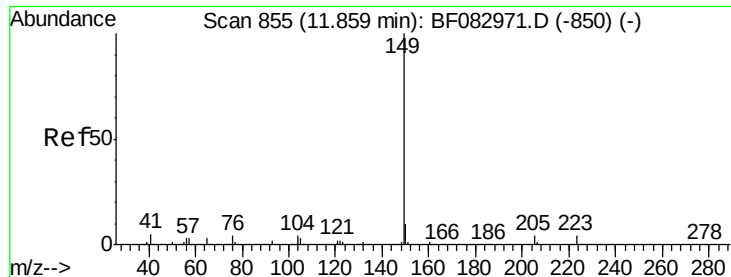


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#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 :

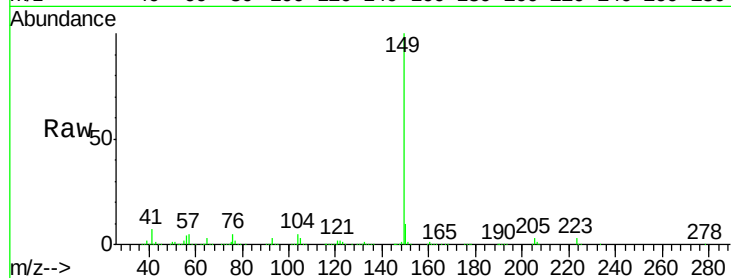
Tot Ion:149 Resp: 1424311

Ion Ratio Lower Upper

149 100

150 9.9 8.1 12.1

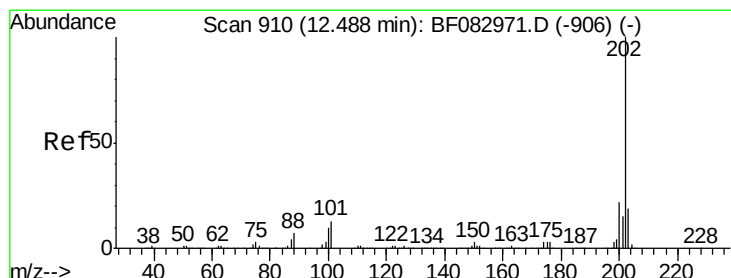
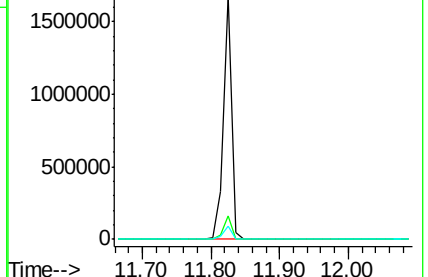
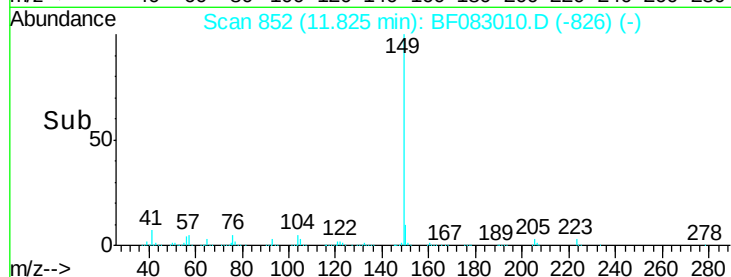
104 5.2 5.2 7.8



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

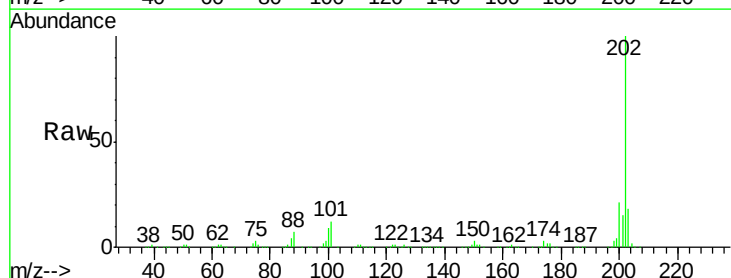
Tgt Ion:202 Resp: 1159627

Ion Ratio Lower Upper

202 100

101 11.9 0.0 30.5

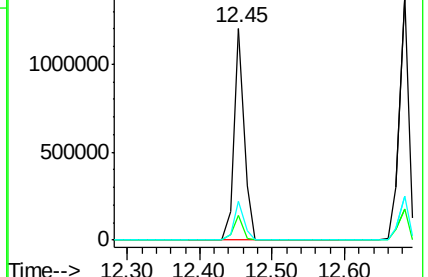
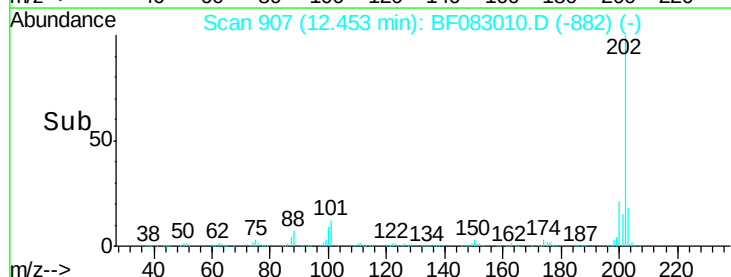
203 18.3 0.0 38.5

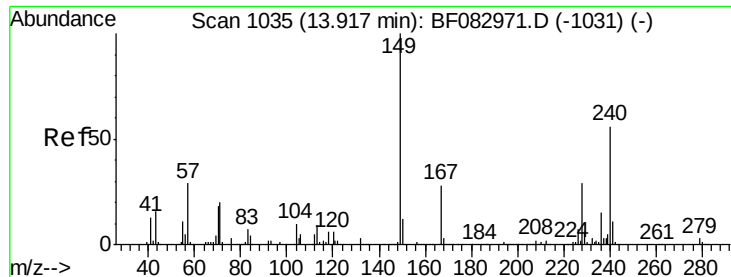


Abundance Ion 202.00 (201.70 to 202.70): E

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

ClientSampled :

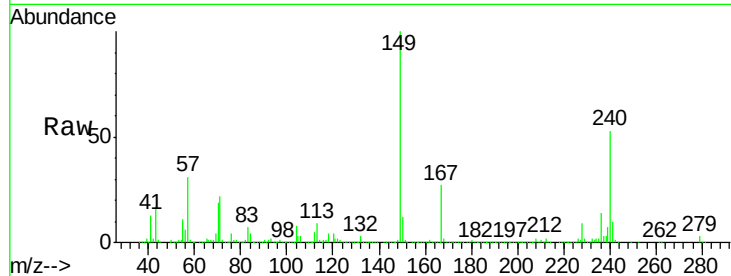
Tot Ion:240 Resp: 593819

Ion Ratio Lower Upper

240 100

120 8.3 10.9 16.3#

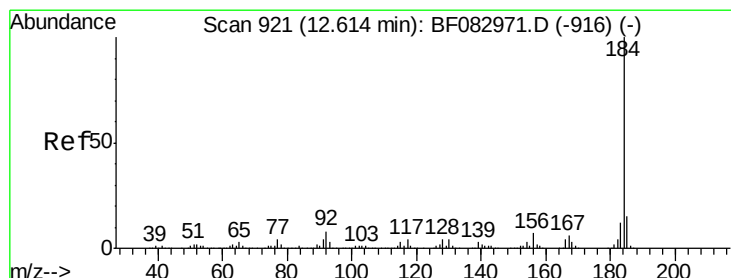
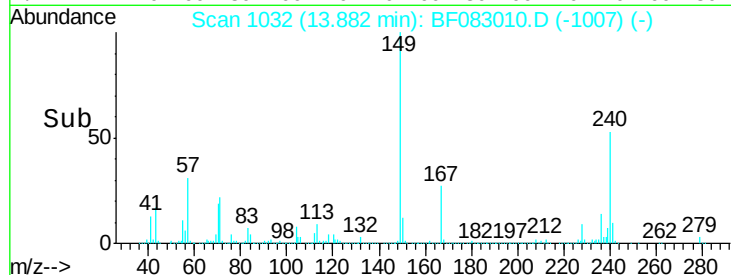
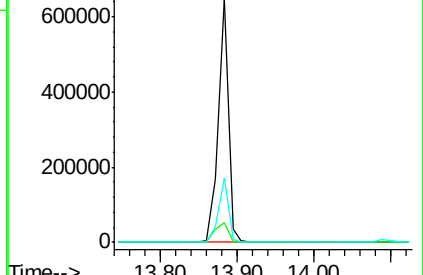
236 26.4 21.6 32.4



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

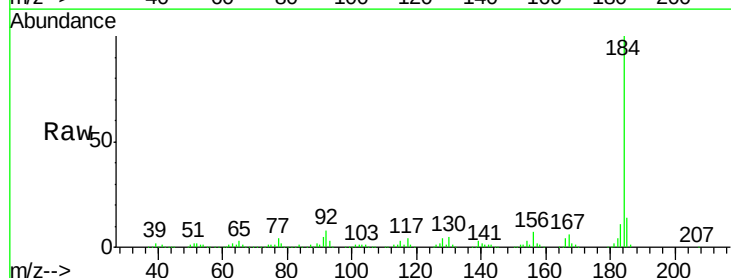
Tgt Ion:184 Resp: 599304

Ion Ratio Lower Upper

184 100

185 14.4 12.0 18.0

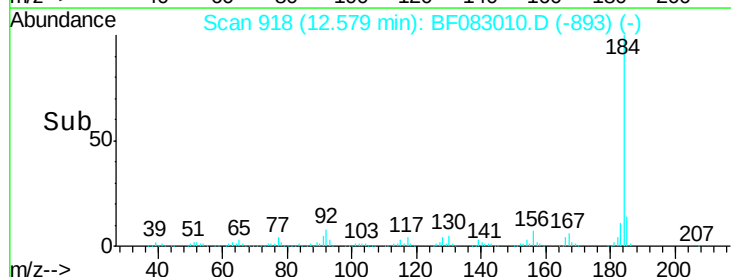
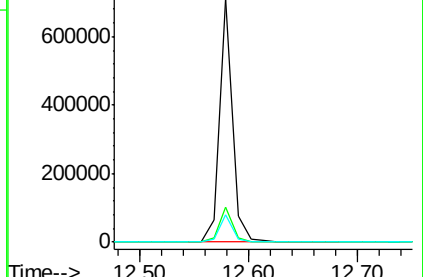
183 11.4 9.6 14.4

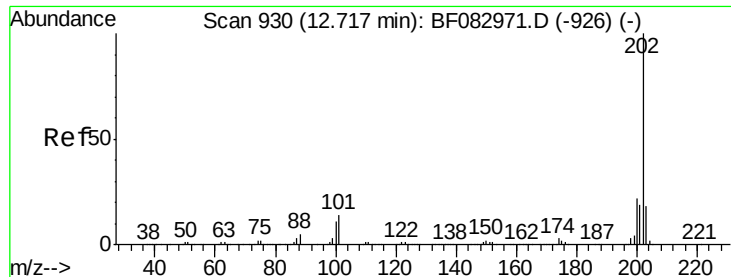


Abundance Ion 184.00 (183.70 to 184.70): E

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 :

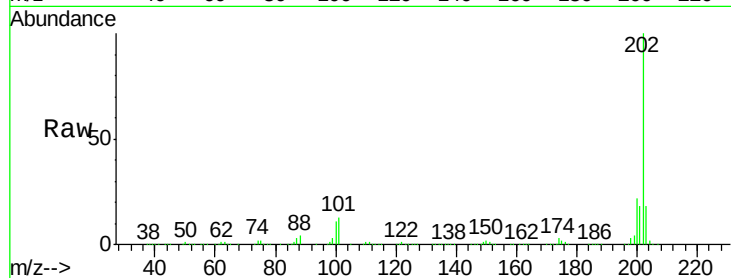
Tot Ion:202 Resp: 1249342

Ion Ratio Lower Upper

202 100

200 22.2 18.7 28.1

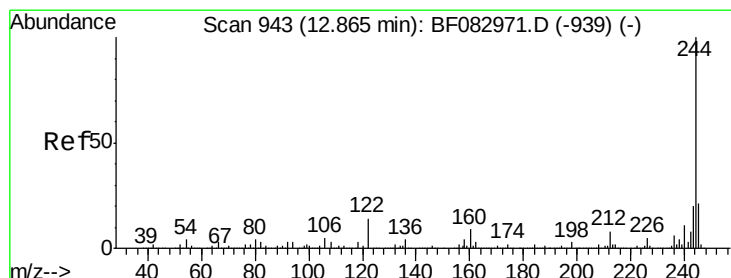
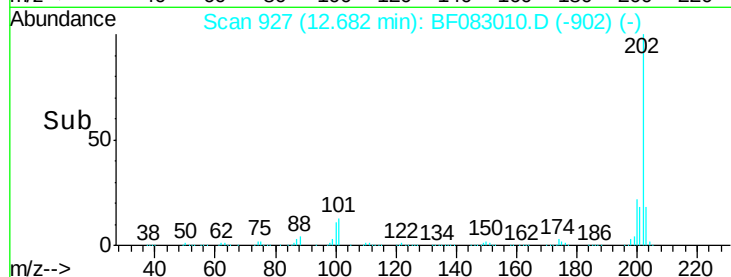
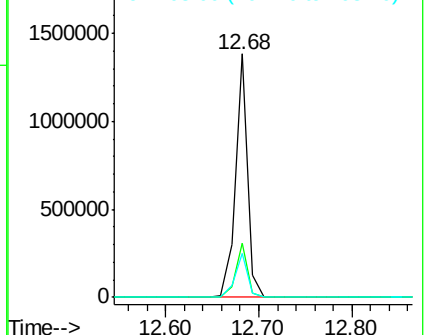
203 18.0 14.8 22.2



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

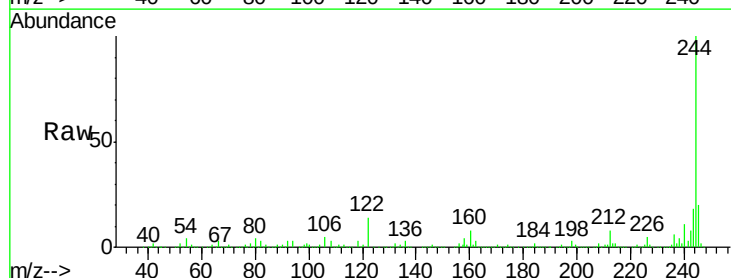
Tgt Ion:244 Resp: 1471576

Ion Ratio Lower Upper

244 100

212 8.3 7.6 11.4

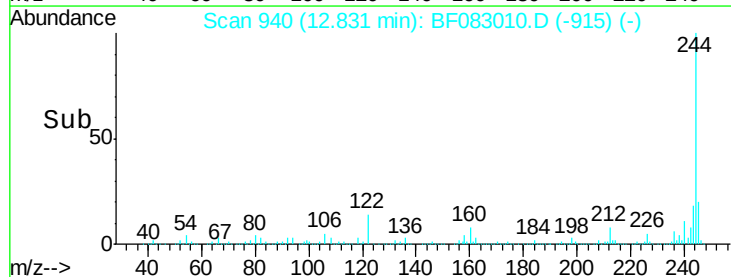
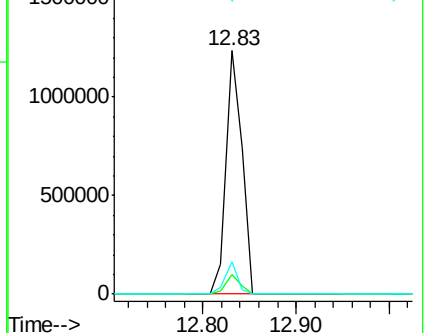
122 13.5 11.3 16.9

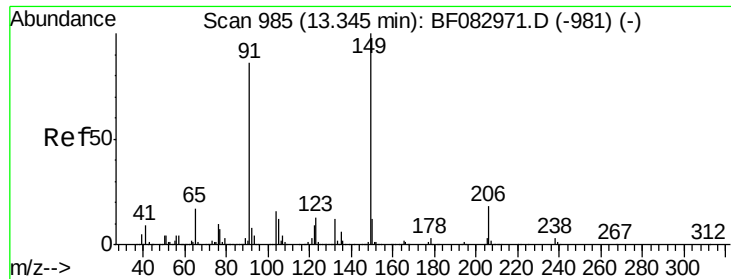


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

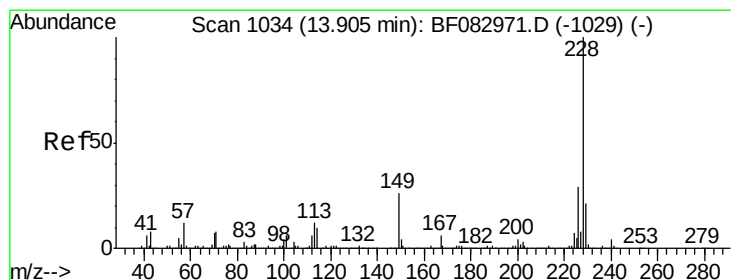
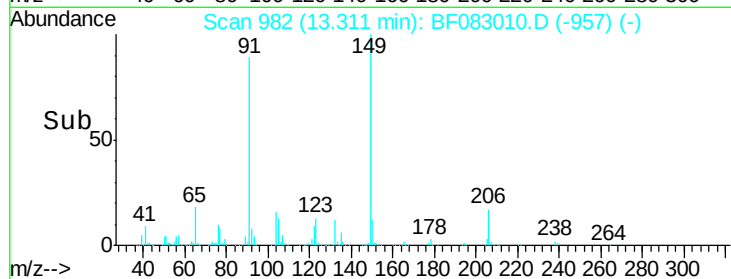
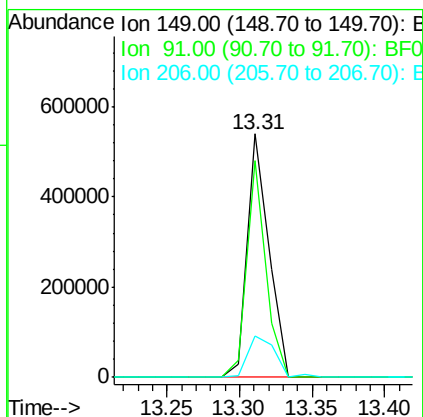
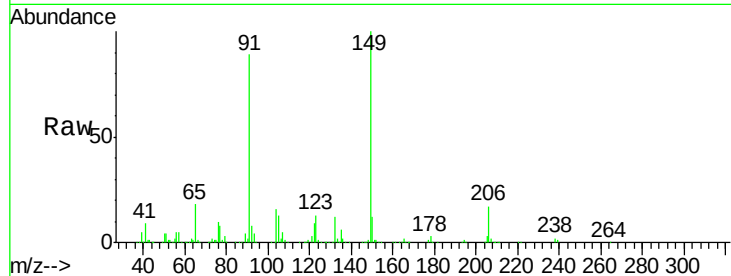




#79
Butylbenzylphthalate
Concen: 30.88 ng
RT: 13.31 min Scan# 982
Delta R.T. -0.01 min
Lab File: BF083010.D
Acq: 18 Nov 2015 15:07

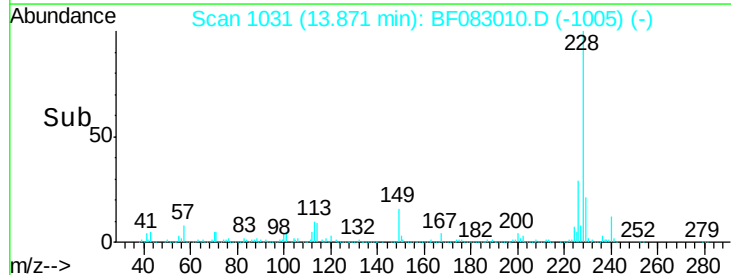
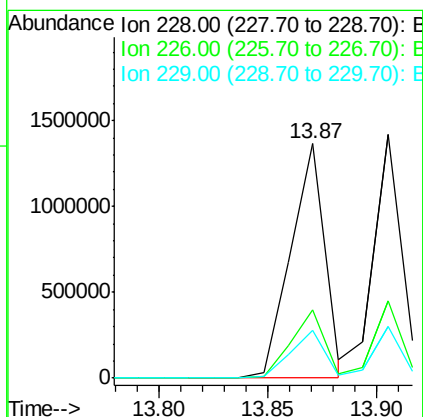
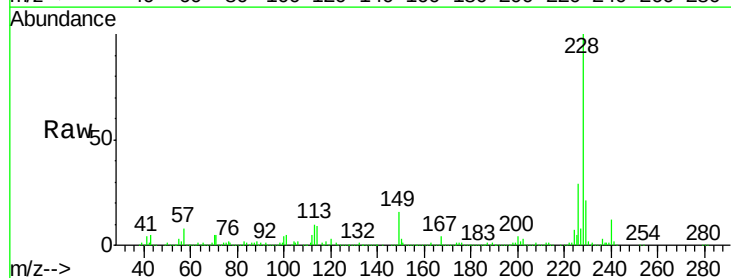
Instrument :
BNA_F
ClientSampleId :

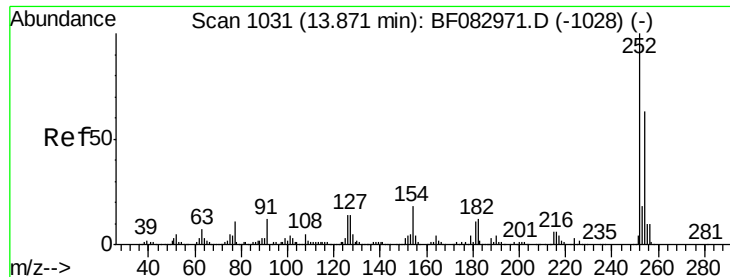
Tot Ion:149 Resp: 556243
Ion Ratio Lower Upper
149 100
91 88.8 67.7 101.5
206 17.0 14.6 22.0



#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

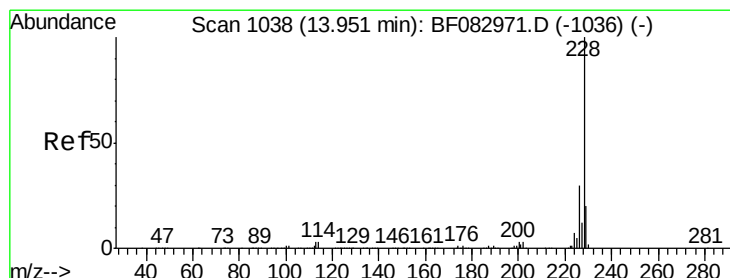
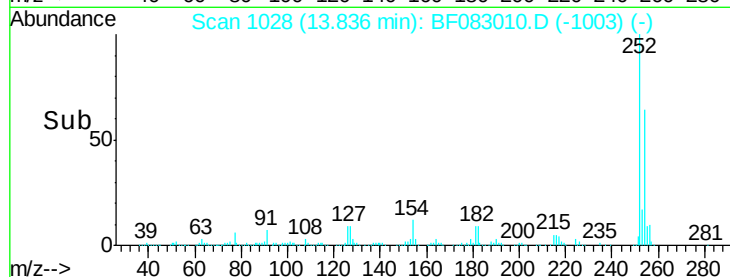
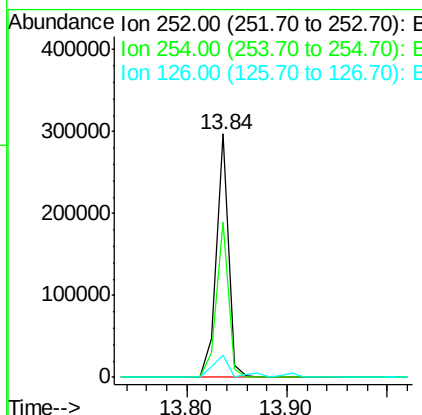
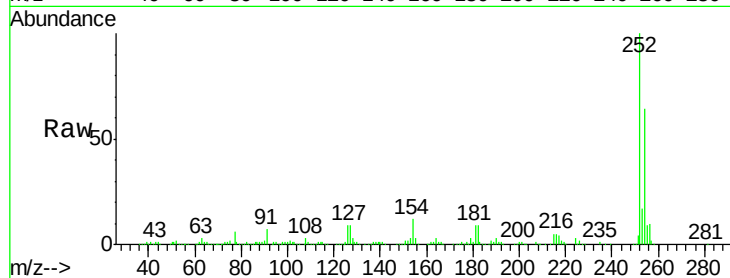




#81
 3,3'-Dichlorobenzidine
 Concen: 18.90 ng
 RT: 13.84 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BF083010.D
 Acq: 18 Nov 2015 15:07

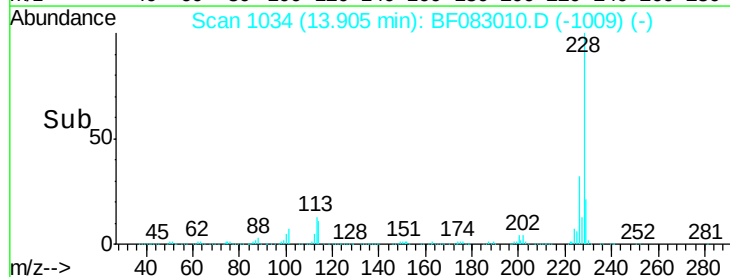
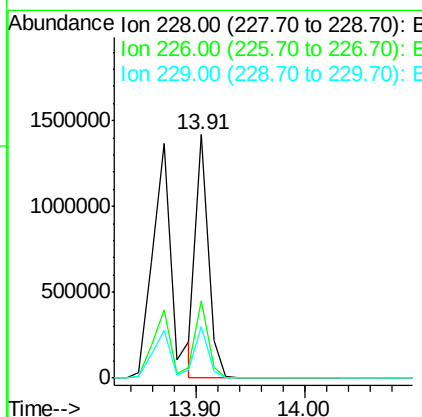
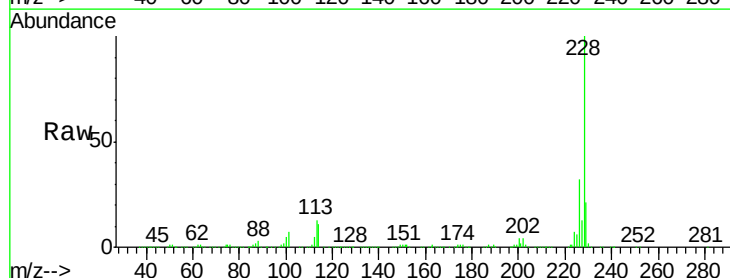
Instrument :
 BNA_F
 ClientSampled :

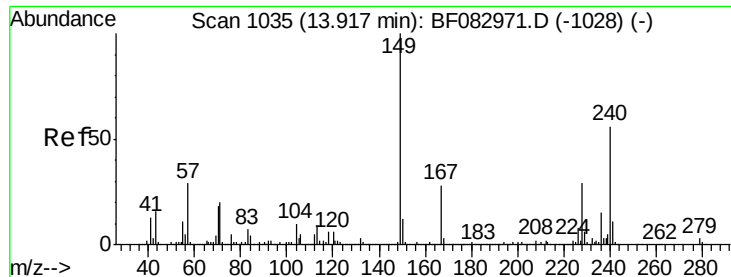
Tot Ion:252 Resp: 249522
 Ion Ratio Lower Upper
 252 100
 254 63.6 51.4 77.0
 126 9.0 10.7 16.1#



#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

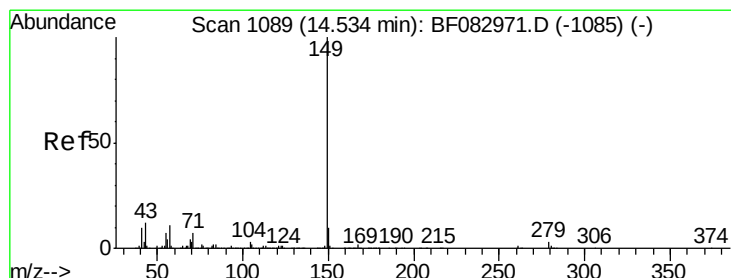
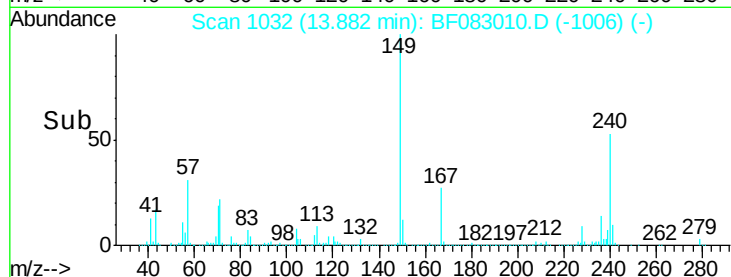
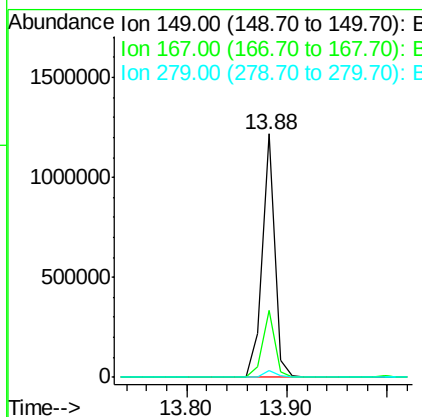
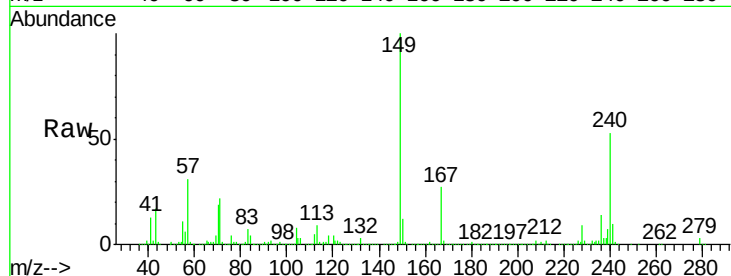




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.83 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. -0.00 min
 Lab File: BF083010.D
 Acq: 18 Nov 2015 15:07

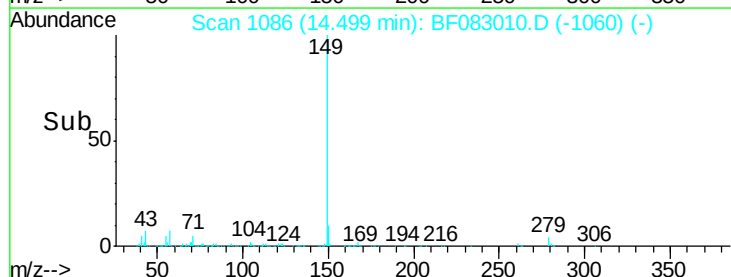
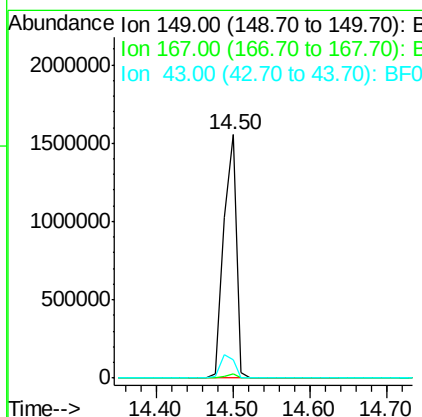
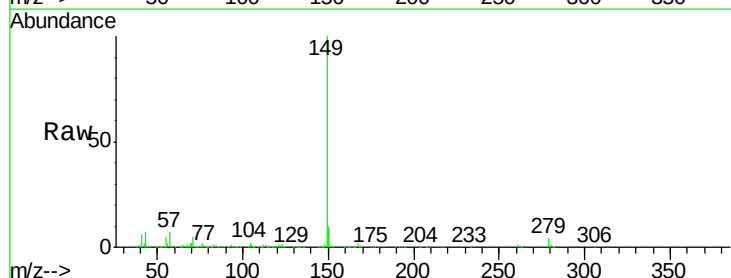
Instrument :
 BNA_F
 ClientSampleId :

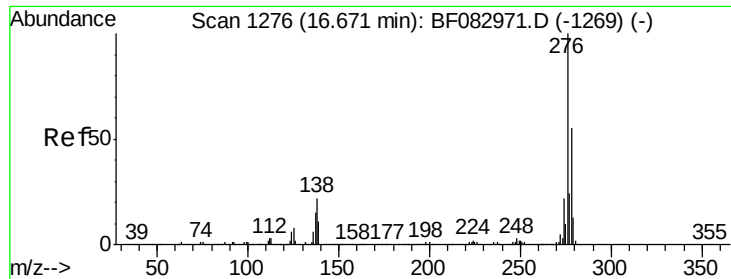
Tot Ion:149 Resp: 1056173
 Ion Ratio Lower Upper
 149 100
 167 27.3 21.2 31.8
 279 2.9 2.2 3.2



#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



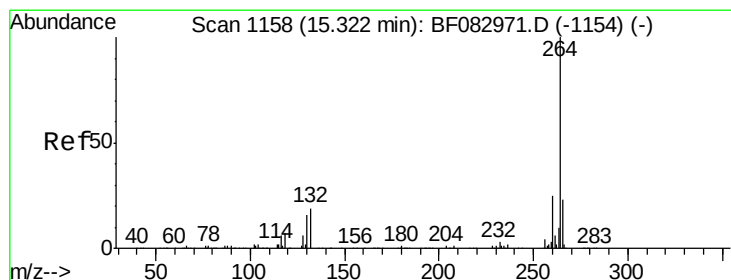
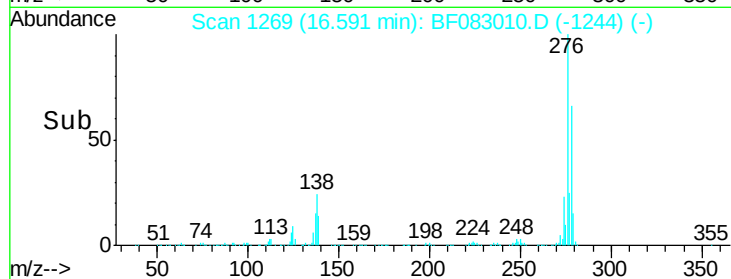
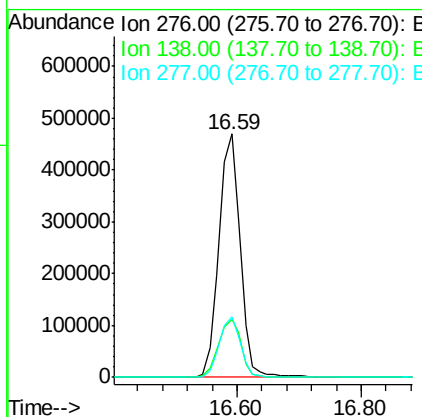
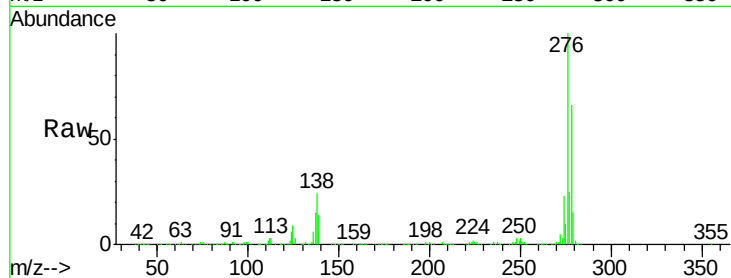


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.78 ng
 RT: 16.59 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: BF083010.D
 Acq: 18 Nov 2015 15:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 1106619

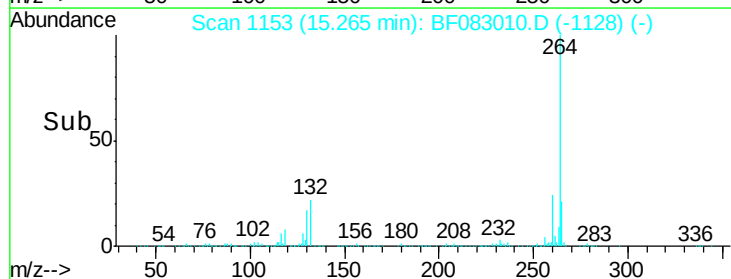
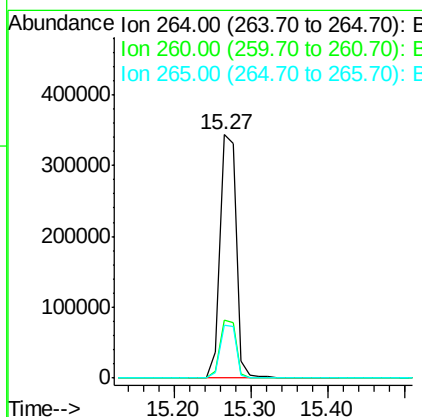
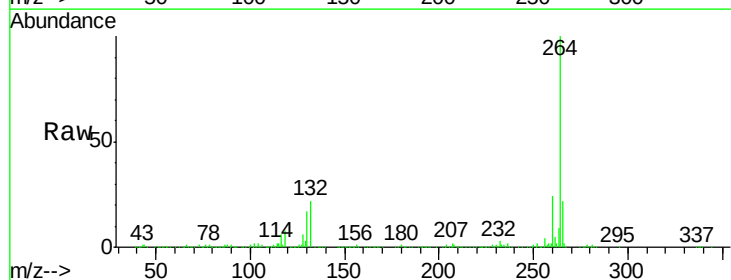
Ion	Ratio	Lower	Upper
276	100		
138	25.5	15.3	22.9#
277	25.0	20.2	30.4

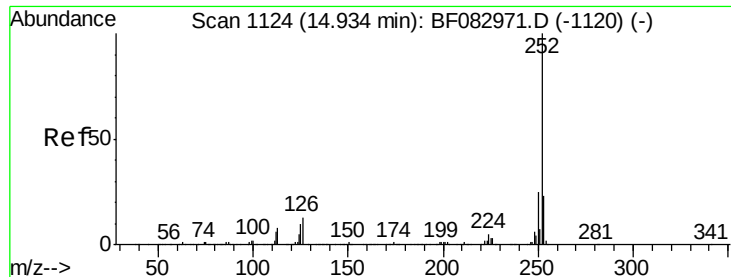


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.27 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BF083010.D
 Acq: 18 Nov 2015 15:07

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

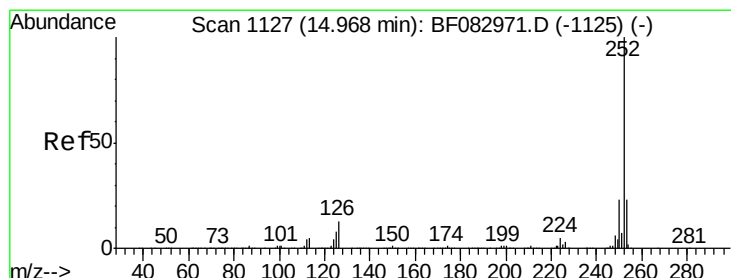
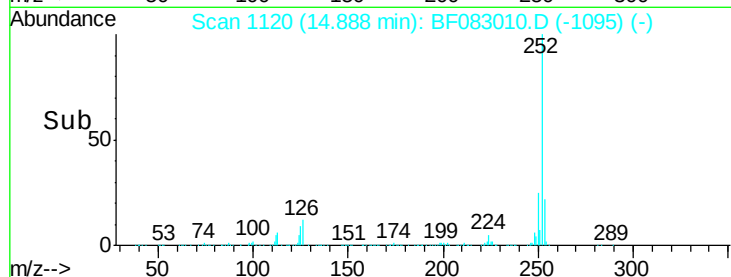
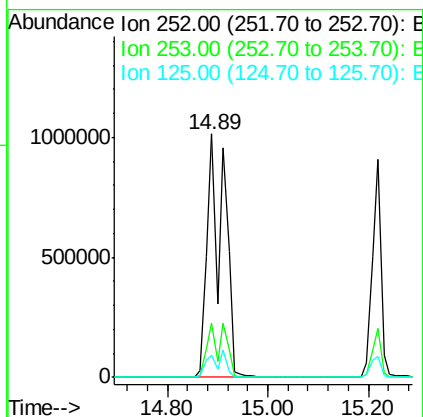
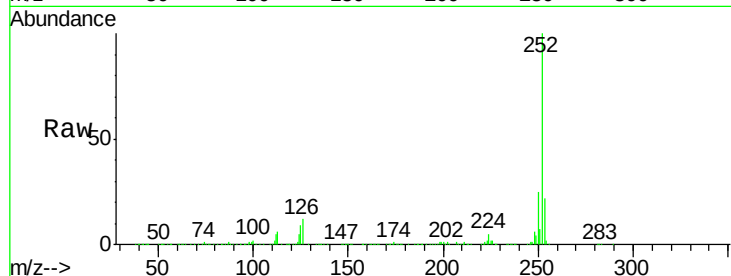




#87
Benzo(b)fluoranthene
Concen: 70.74 ng
RT: 14.89 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BF083010.D
Acq: 18 Nov 2015 15:07

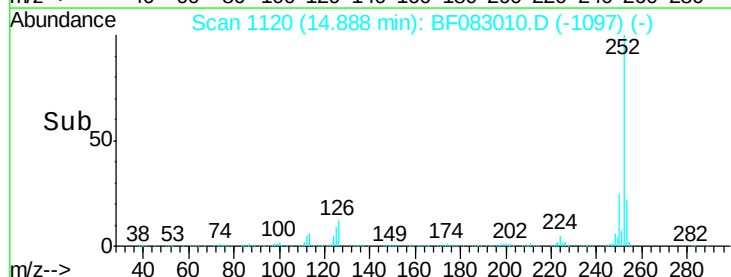
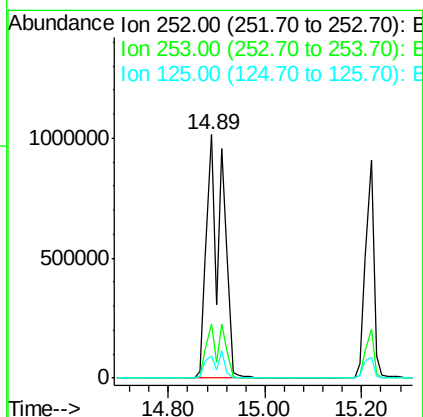
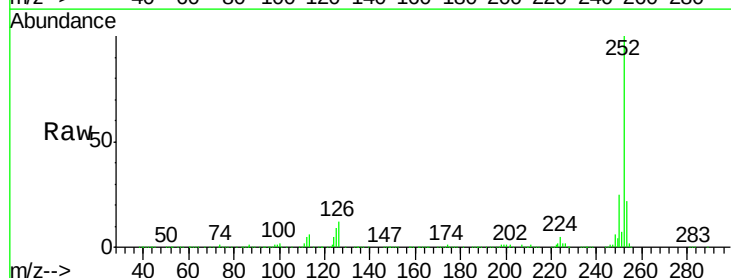
Instrument :
BNA_F
ClientSampleId :

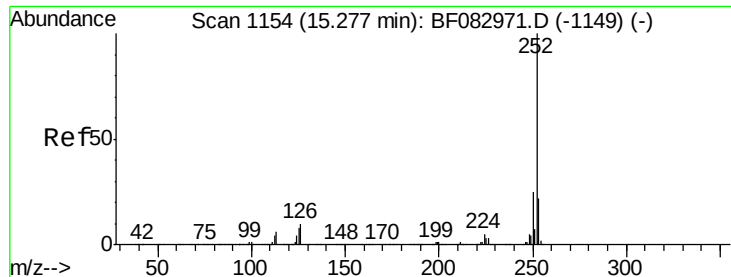
Tot Ion:252 Resp: 2337811
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 9.1 5.4 8.2#



#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#

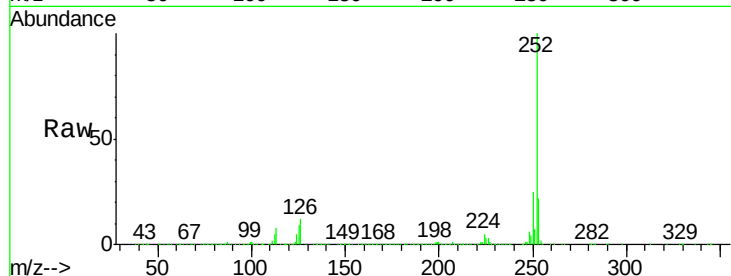




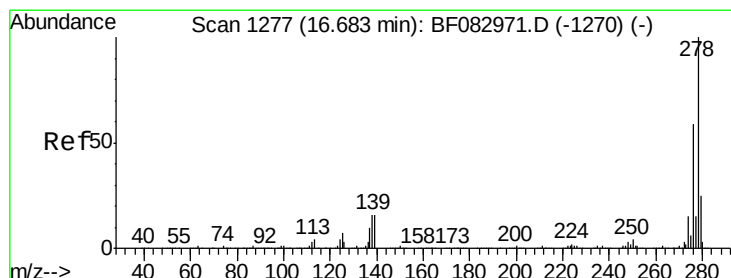
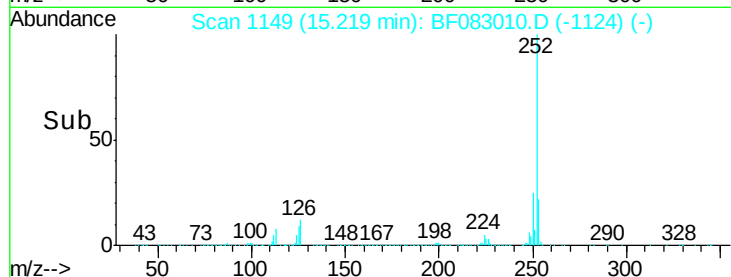
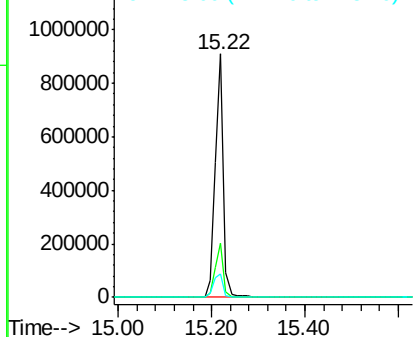
#89
Benzo(a)pyrene
Concen: 38.56 ng
RT: 15.22 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BF083010.D
Acq: 18 Nov 2015 15:07

Instrument :
BNA_F
ClientSampleId :

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

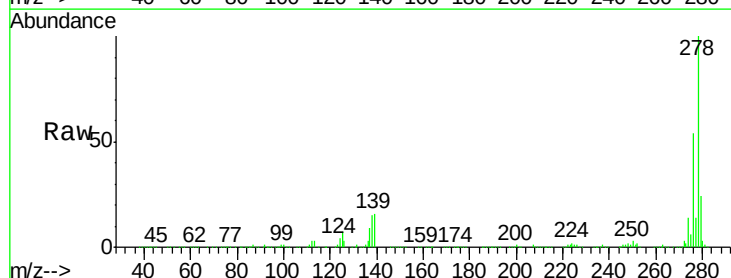


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

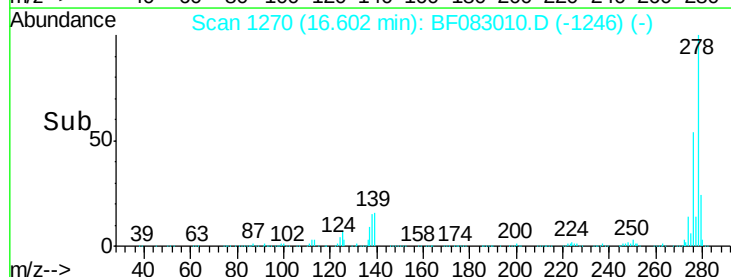
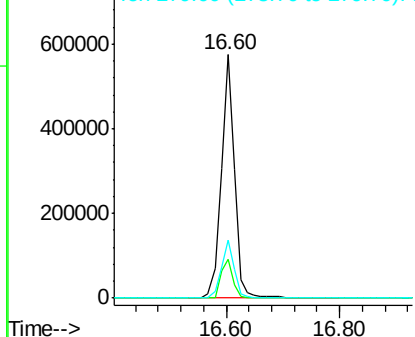


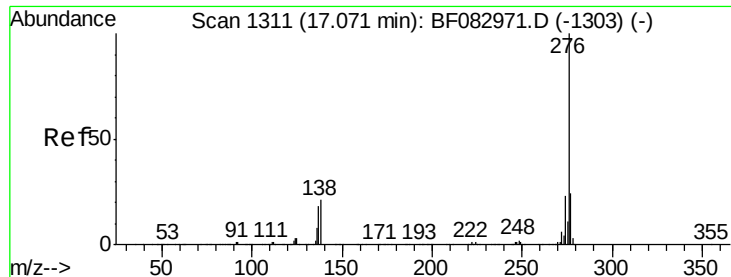
#90
Dibenzo(a,h)anthracene
Concen: 38.60 ng
RT: 16.60 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BF083010.D
Acq: 18 Nov 2015 15:07

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



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E

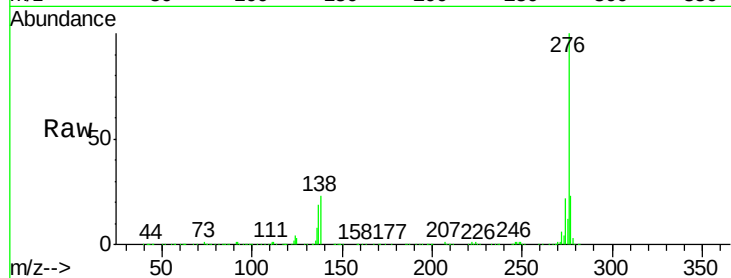




#91
 Benzo(a,h,i)perylene
 Concen: 40.25 ng
 RT: 16.98 min Scan# 1303
 Delta R.T. -0.02 min
 Lab File: BF083010.D
 Acq: 18 Nov 2015 15:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 276 Resp: 934774
 Ion Ratio Lower Upper
 276 100
 277 23.4 19.2 28.8
 138 22.9 13.1 19.7#



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

