

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092016\
 Data File : BF090134.D
 Acq On : 20 Sep 2016 13:04
 Operator : UM/SJ
 Sample : SSTDICC060
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 20 13:34:28 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 20 13:15:49 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	162903	20.00	ng	0.00
21) Naphthalene-d8	7.82	136	656679	20.00	ng	0.00
38) Acenaphthene-d10	9.55	164	340330	20.00	ng	0.00
63) Phenanthrene-d10	11.03	188	533704	20.00	ng	0.00
75) Chrysene-d12	13.63	240	352277	20.00	ng	0.00
86) Perylene-d12	14.96	264	319527	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.08	112	1185253	117.02	ng	0.01
7) Phenol-d6	6.18	99	1344504	101.39	ng	0.01
23) Nitrobenzene-d5	7.11	82	1330611	113.93	ng	0.01
41) 2,4,6-Tribromophenol	10.34	330	296527	86.74	ng	0.00
44) 2-Fluorobiphenyl	8.90	172	2022424	93.33	ng	0.01
78) Terphenyl-d14	12.61	244	1603801	108.12	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.93	88	308703	58.37	ng	98
3) Pyridine	2.52	79	721070	59.79	ng	99
4) n-Nitrosodimethylamine	2.49	42	227683	60.80	ng	93
6) Aniline	6.18	93	885528	53.80	ng	# 80
8) 2-Chlorophenol	6.31	128	635774	54.48	ng	90
9) Benzaldehyde	6.06	77	324469	45.91	ng	96
10) Phenol	6.19	94	729814	49.03	ng	91
11) bis(2-Chloroethyl)ether	6.27	93	628423	52.65	ng	95
12) 1,3-Dichlorobenzene	6.46	146	649901	54.14	ng	96
13) 1,4-Dichlorobenzene	6.54	146	657533	53.06	ng	97
14) 1,2-Dichlorobenzene	6.70	146	607255	53.93	ng	# 94
15) Benzyl Alcohol	6.68	79	399641	53.52	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.82	45	728792	51.52	ng	99
17) 2-Methylphenol	6.81	107	542974	56.89	ng	96
18) Hexachloroethane	7.04	117	254314	56.55	ng	# 85
19) n-Nitroso-di-n-propylamine	6.97	70	437209	53.06	ng	98
20) 3+4-Methylphenols	6.97	107	641120	55.33	ng	99
22) Acetophenone	6.95	105	857307	53.93	ng	# 96
24) Nitrobenzene	7.12	77	622545	50.60	ng	95
25) Isophorone	7.37	82	1353369	55.34	ng	99
26) 2-Nitrophenol	7.44	139	364554	61.11	ng	# 81
27) 2,4-Dimethylphenol	7.50	122	620713	59.14	ng	98
28) bis(2-Chloroethoxy)methane	7.59	93	837219	58.37	ng	99
29) 2,4-Dichlorophenol	7.68	162	486870	52.51	ng	89
30) 1,2,4-Trichlorobenzene	7.76	180	506578	55.39	ng	99
31) Naphthalene	7.84	128	1858357	57.57	ng	100
32) Benzoic acid	7.67	122	439026	58.21	ng	97
33) 4-Chloroaniline	7.90	127	778329	56.66	ng	96
34) Hexachlorobutadiene	7.96	225	267161	57.04	ng	98
35) Caprolactam	8.30	113	179009	57.82	ng	96
36) 4-Chloro-3-methylphenol	8.40	107	613216	56.97	ng	# 83
37) 2-Methylnaphthalene	8.52	142	1010990	50.50	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.70	216	465791	53.23	ng	99
40) Hexachlorocyclopentadiene	8.68	237	242348	53.29	ng	99

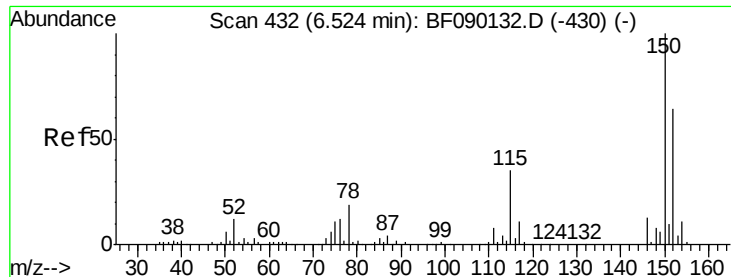
Data Path : Z:\HPCHEM1\BNA F\DATA\BF092016\
 Data File : BF090134.D
 Acq On : 20 Sep 2016 13:04
 Operator : UM/SJ
 Sample : SSTDICC060
 Misc :
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 20 13:15:49 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.81	196	327287	51.60	nq	98
43) 2,4,5-Trichlorophenol	8.86	196	344815	50.54	nq	99
45) 1,1'-Biphenyl	8.99	154	1249905	44.88	nq	97
46) 2-Chloronaphthalene	9.02	162	1064766	51.60	nq	95
47) 2-Nitroaniline	9.12	65	340620	51.71	nq	88
48) Acenaphthylene	9.42	152	1535456	44.31	nq	99
49) Dimethylphthalate	9.31	163	1302035	51.51	nq	100
50) 2,6-Dinitrotoluene	9.36	165	257909	45.66	nq	96
51) Acenaphthene	9.59	154	930382	48.07	nq	100
52) 3-Nitroaniline	9.53	138	369579	53.77	nq	98
53) 2,4-Dinitrophenol	9.63	184	167512	54.54	nq	97
54) Dibenzofuran	9.76	168	1156566	43.21	nq	94
55) 4-Nitrophenol	9.70	139	230100	47.57	nq	86
56) 2,4-Dinitrotoluene	9.76	165	290687	42.21	nq	98
57) Fluorene	10.10	166	845399	40.26	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.88	232	236968	45.54	nq	99
59) Diethylphthalate	10.00	149	1083711	44.28	nq	99
60) 4-Chlorophenyl-phenylether	10.10	204	366305	41.37	nq	93
61) 4-Nitroaniline	10.15	138	364285	52.36	nq	98
62) Azobenzene	10.26	77	1284220	50.00	nq	95
64) 4,6-Dinitro-2-methylphenol	10.17	198	229136	70.16	nq	98
65) n-Nitrosodiphenylamine	10.23	169	969974	57.36	nq	99
66) 4-Bromophenyl-phenylether	10.58	248	289970	56.36	nq	# 78
67) Hexachlorobenzene	10.65	284	343462	56.65	nq	# 82
68) Atrazine	10.77	200	303272	60.35	nq	99
69) Pentachlorophenol	10.85	266	220990	62.22	nq	99
70) Phenanthrene	11.05	178	1305371	50.61	nq	99
71) Anthracene	11.10	178	1487929	52.84	nq	100
72) Carbazole	11.27	167	1556998	53.90	nq	98
73) Di-n-butylphthalate	11.61	149	1697886	52.41	nq	100
74) Fluoranthene	12.23	202	1511300	55.93	nq	95
76) Benzidine	12.35	184	742196	51.65	nq	99
77) Pyrene	12.45	202	1347782	52.42	nq	98
79) Butylbenzylphthalate	13.09	149	733833	57.32	nq	# 77
80) Benzo(a)anthracene	13.62	228	1186341	57.69	nq	99
81) 3,3'-Dichlorobenzidine	13.61	252	487247	56.53	nq	# 98
82) Chrysene	13.67	228	1099291	56.99	nq	99
83) Bis(2-ethylhexyl)phthalate	13.66	149	951068	60.06	nq	99
84) Di-n-octyl phthalate	14.26	149	1671040	59.03	nq	100
85) Indeno(1,2,3-cd)pyrene	16.13	276	938235	55.98	nq	99
87) Benzo(b)fluoranthene	14.64	252	1954907	104.36	nq	99
88) Benzo(k)fluoranthene	14.64	252	1962987	116.40	nq	# 95
89) Benzo(a)pyrene	14.91	252	951423	56.64	nq	# 97
90) Dibenzo(a,h)anthracene	16.15	278	770693	58.58	nq	98
91) Benzo(g,h,i)perylene	16.48	276	793355	63.19	nq	97

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

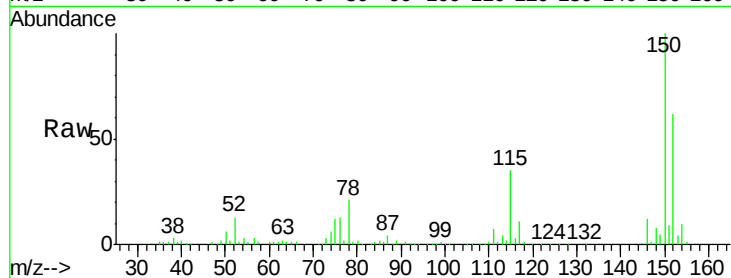


#1

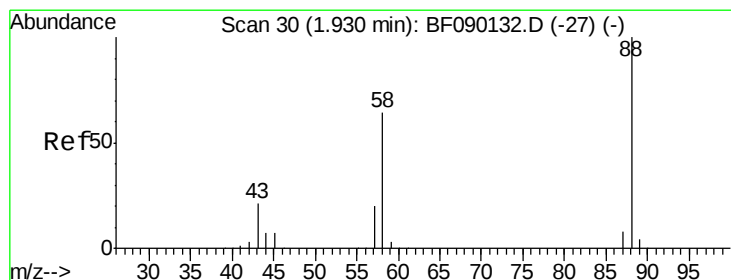
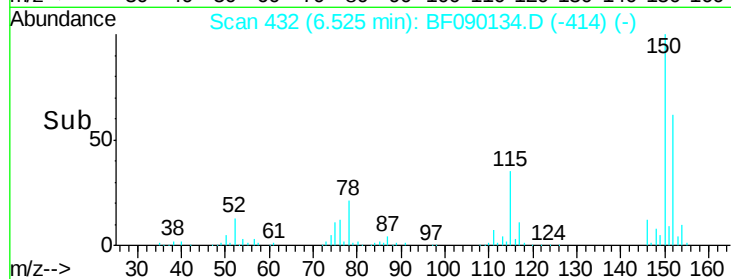
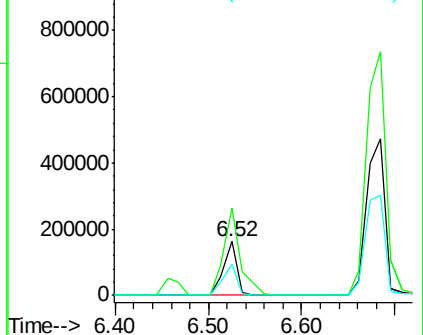
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.52 min Scan# 432
Delta R.T. 0.00 min
Lab File: BF090134.D
Acq: 20 Sep 2016 13:04

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.3	128.9	193.3
115	57.2	55.5	83.3



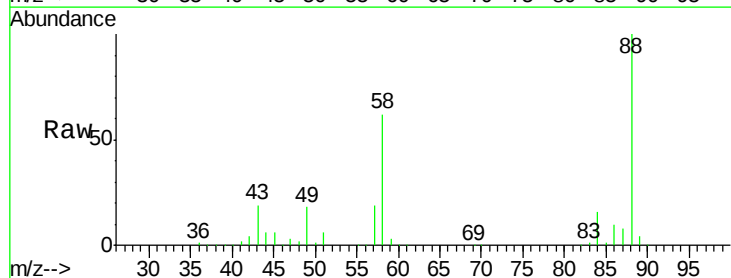
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



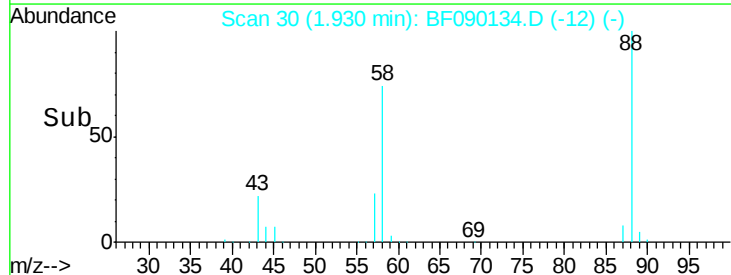
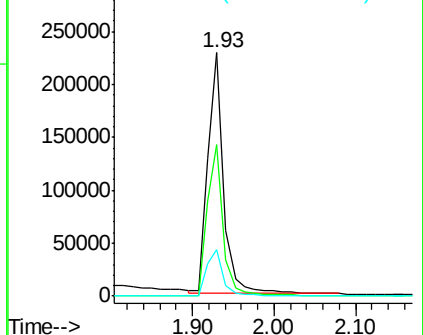
#2

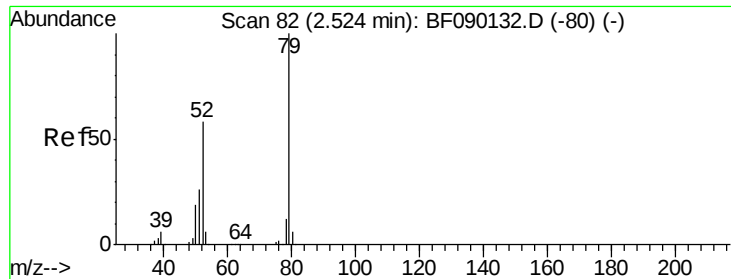
1,4-Dioxane
Concen: 58.37 ng
RT: 1.93 min Scan# 30
Delta R.T. 0.00 min
Lab File: BF090134.D
Acq: 20 Sep 2016 13:04

Tgt Ion	Ratio	Lower	Upper
88	100		
58	64.3	53.4	80.0
43	20.9	16.5	24.7



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: 59.79 ng

RT: 2.52 min Scan# 82

Delta R.T. 0.00 min

Lab File: BF090134.D

Acq: 20 Sep 2016 13:04

Instrument :

BNA_F

ClientSampleId :

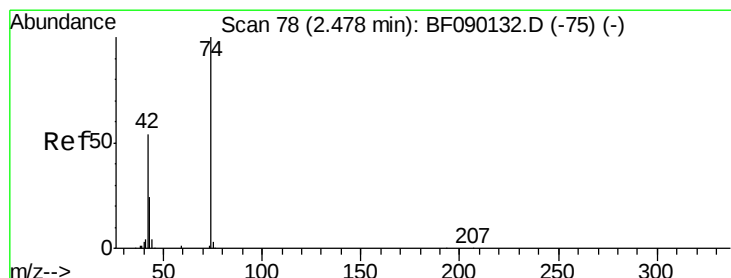
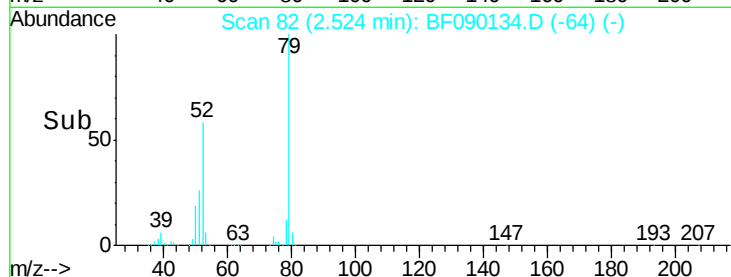
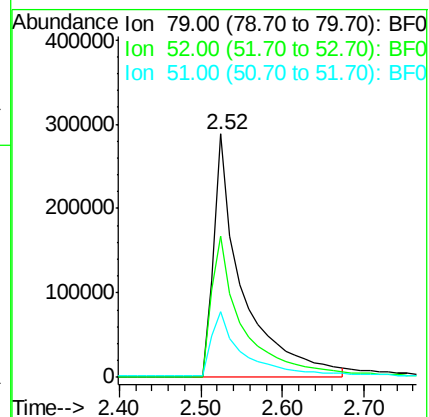
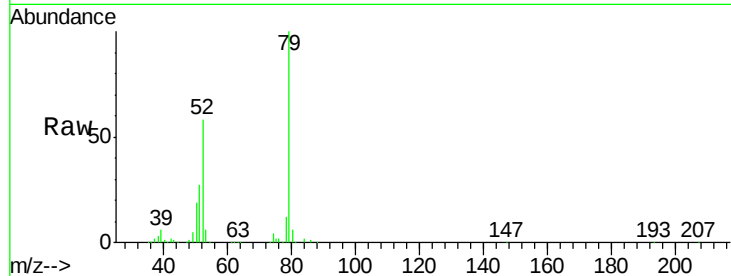
Tot Ion: 79 Resp: 721070

Ion Ratio Lower Upper

79 100

52 57.8 45.9 68.9

51 27.1 21.3 31.9



#4

n-Nitrosodimethylamine

Concen: 60.80 ng

RT: 2.49 min Scan# 79

Delta R.T. 0.01 min

Lab File: BF090134.D

Acq: 20 Sep 2016 13:04

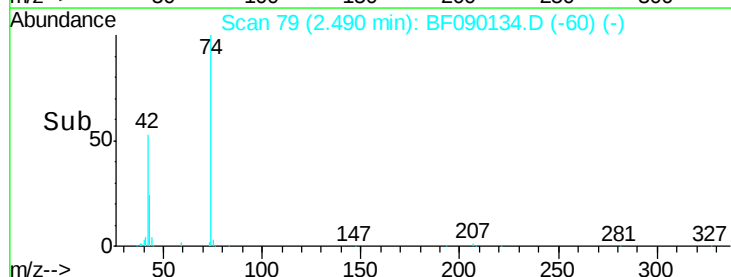
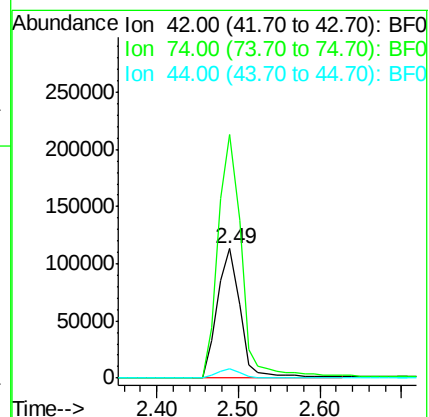
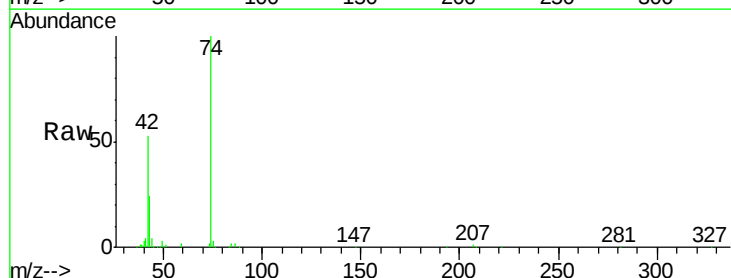
Tgt Ion: 42 Resp: 227683

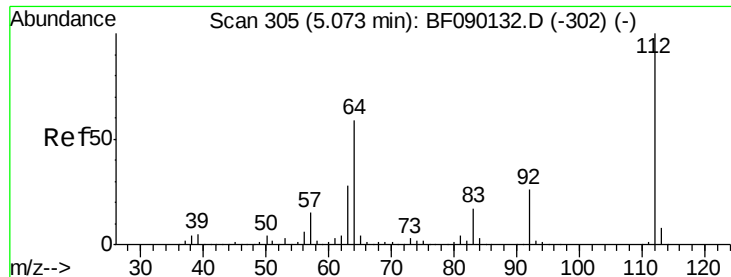
Ion Ratio Lower Upper

42 100

74 188.0 158.7 238.1

44 7.7 6.4 9.6





#5

2-Fluorophenol

Concen: 117.02 ng

RT: 5.08 min Scan# 306

Delta R.T. 0.01 min

Lab File: BF090134.D

Acq: 20 Sep 2016 13:04

Instrument :

BNA_F

ClientSampleId :

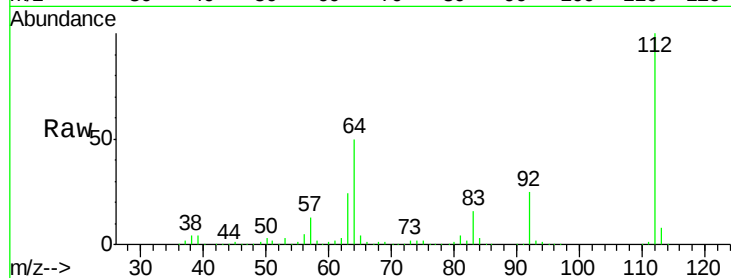
Tot Ion:112 Resp: 1185253

Ion Ratio Lower Upper

112 100

64 50.0 39.8 59.6

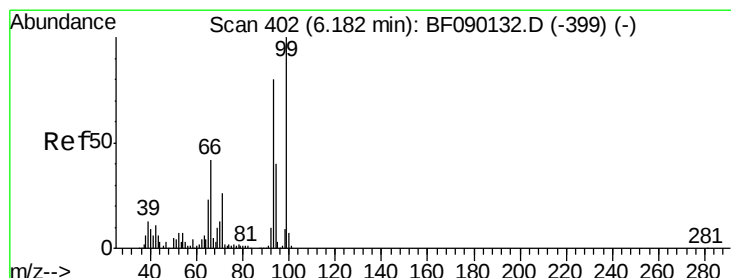
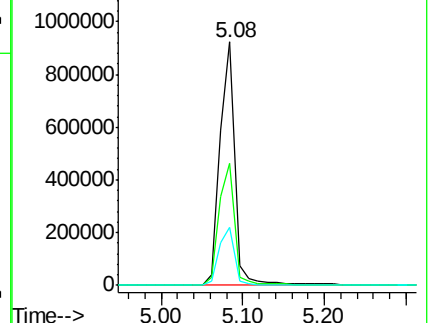
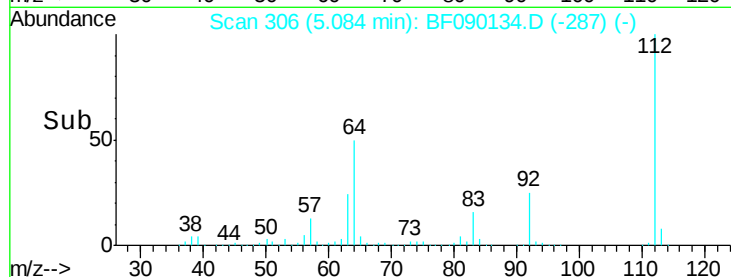
63 23.9 18.9 28.3



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: 53.80 ng

RT: 6.18 min Scan# 402

Delta R.T. 0.00 min

Lab File: BF090134.D

Acq: 20 Sep 2016 13:04

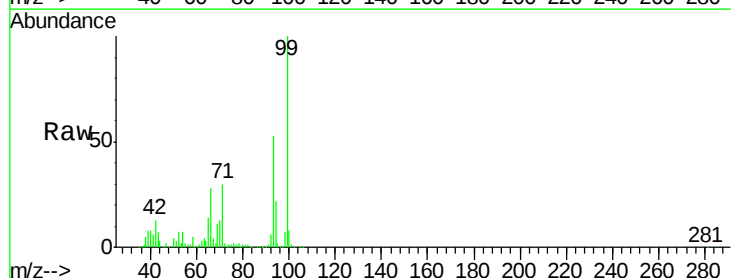
Tgt Ion: 93 Resp: 885528

Ion Ratio Lower Upper

93 100

66 53.5 54.2 81.2#

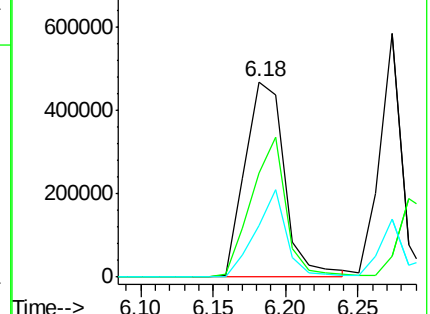
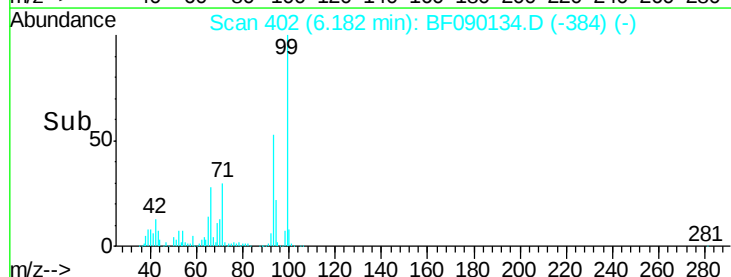
65 26.7 33.8 50.6#

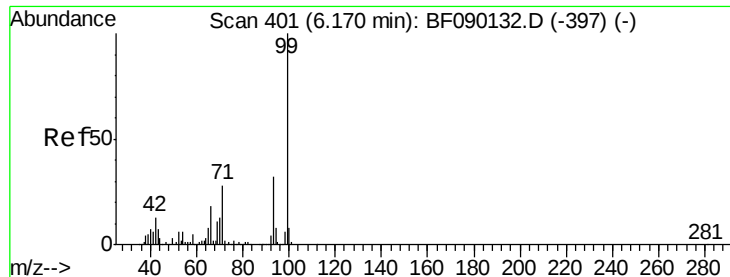


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 101.39 ng

RT: 6.18 min Scan# 402

Delta R.T. 0.01 min

Lab File: BF090134.D

Acq: 20 Sep 2016 13:04

Instrument :

BNA_F

ClientSampled :

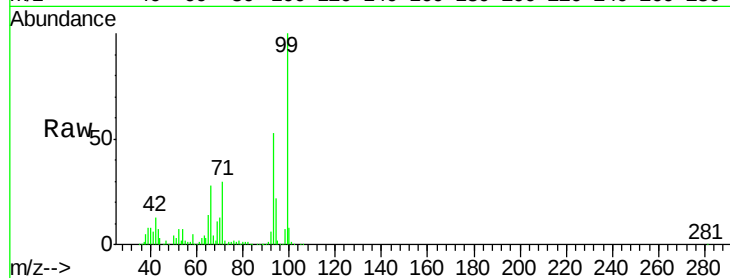
Tot Ion: 99 Resp: 1344504

Ion Ratio Lower Upper

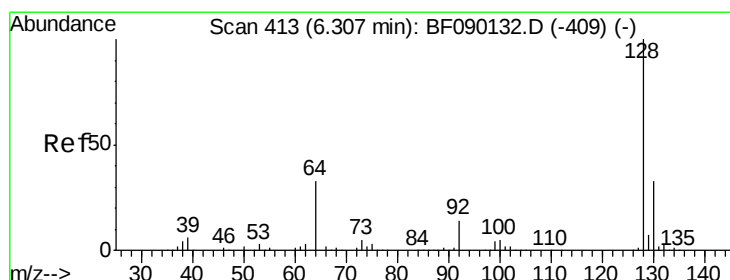
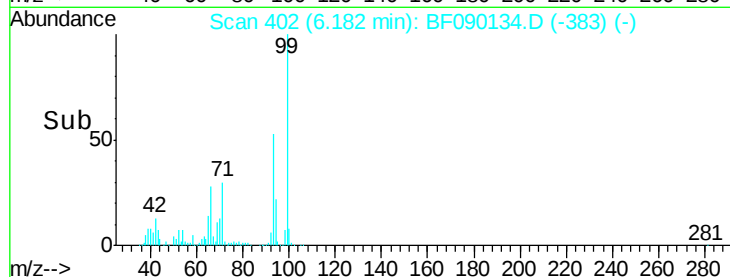
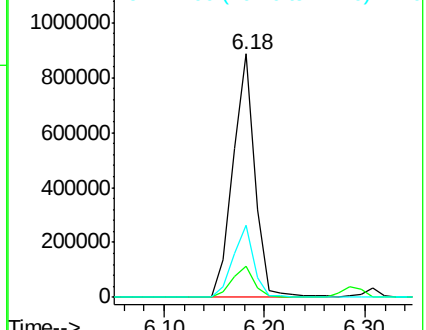
99 100

42 13.0 10.6 15.8

71 29.6 23.0 34.6



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: 54.48 ng

RT: 6.31 min Scan# 413

Delta R.T. 0.00 min

Lab File: BF090134.D

Acq: 20 Sep 2016 13:04

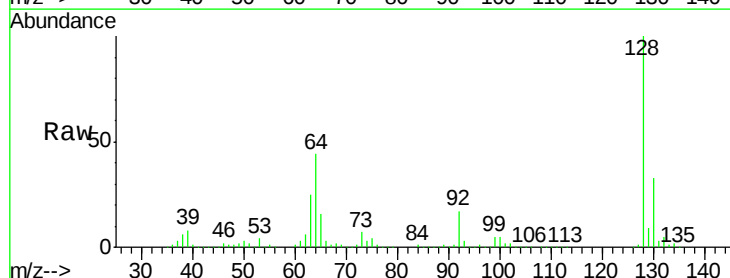
Tgt Ion: 128 Resp: 635774

Ion Ratio Lower Upper

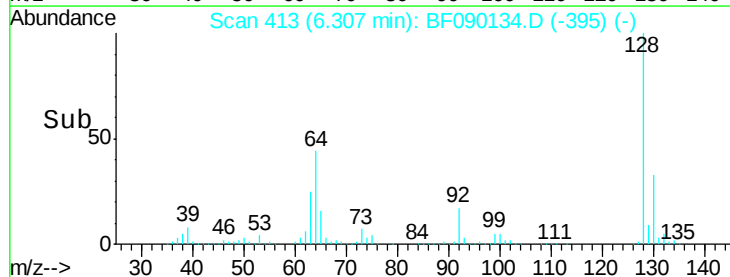
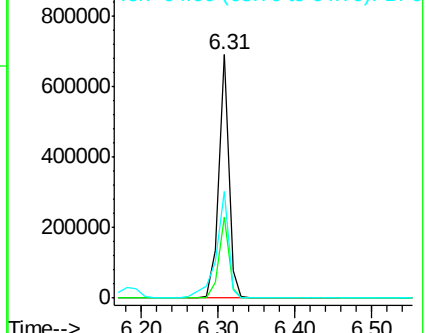
128 100

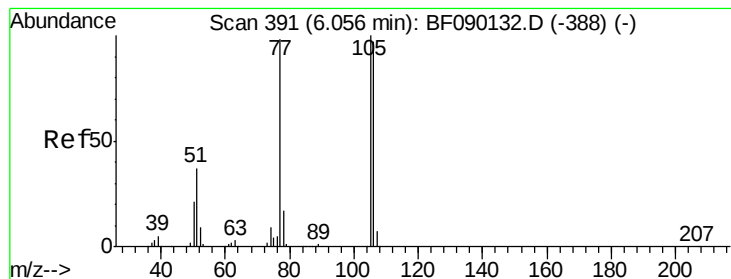
130 33.4 12.0 52.0

64 43.6 33.6 73.6



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: 45.91 ng

RT: 6.06 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF090134.D

Acq: 20 Sep 2016 13:04

Instrument :

BNA_F

ClientSampled :

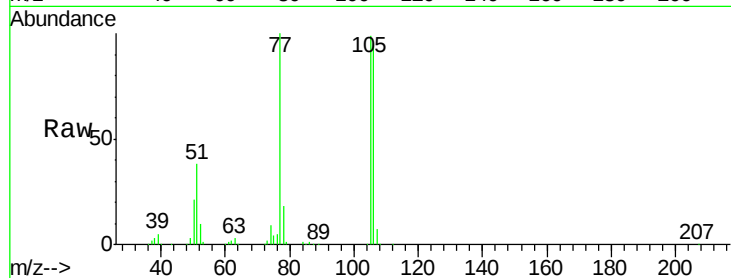
Tot Ion: 77 Resp: 324469

Ion Ratio Lower Upper

77 100

105 98.7 83.0 123.0

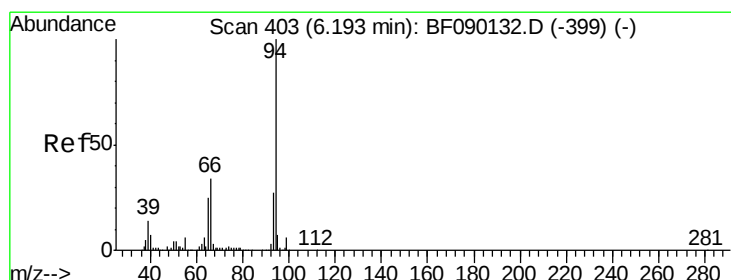
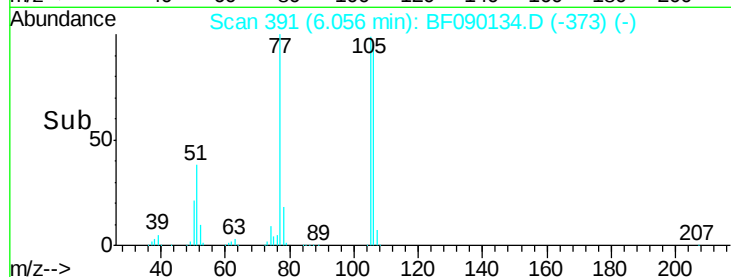
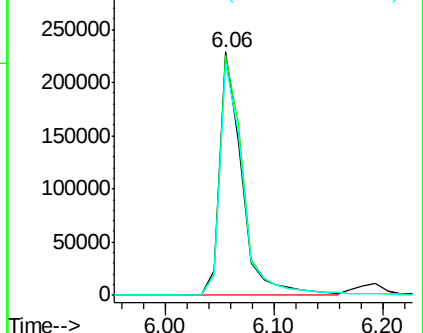
106 95.2 78.5 118.5



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: 49.03 ng

RT: 6.19 min Scan# 403

Delta R.T. 0.00 min

Lab File: BF090134.D

Acq: 20 Sep 2016 13:04

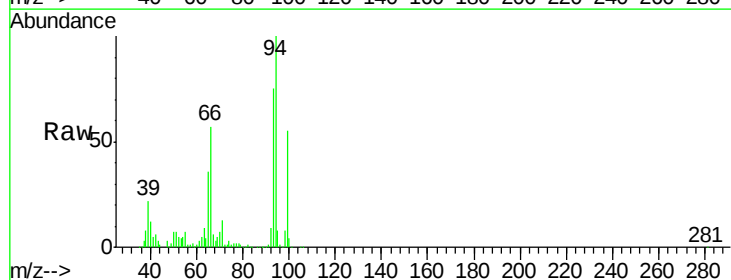
Tgt Ion: 94 Resp: 729814

Ion Ratio Lower Upper

94 100

65 36.2 20.6 60.6

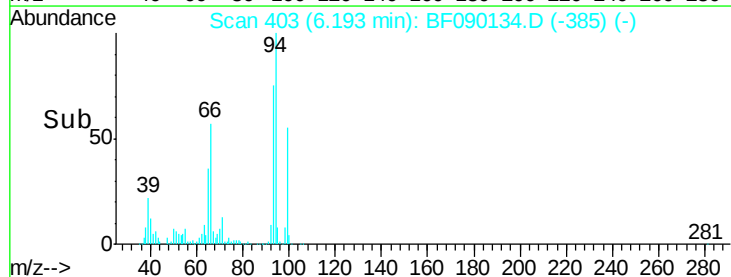
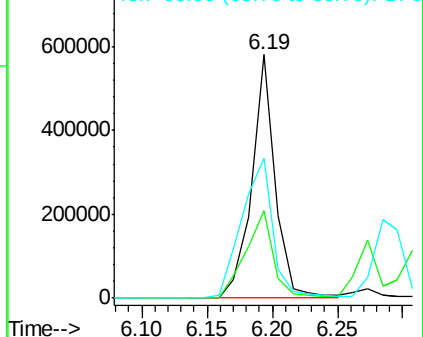
66 57.4 45.1 85.1

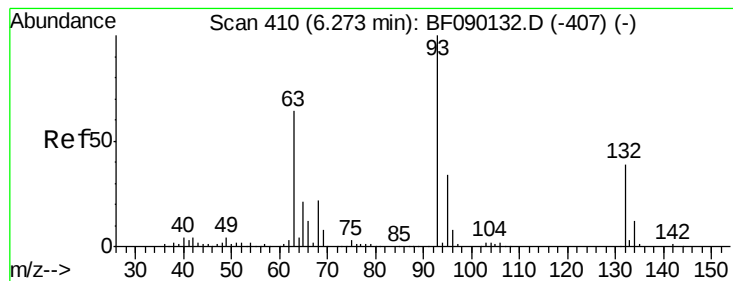


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 52.65 ng

RT: 6.27 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF090134.D

Acq: 20 Sep 2016 13:04

Instrument :

BNA_F

ClientSampled :

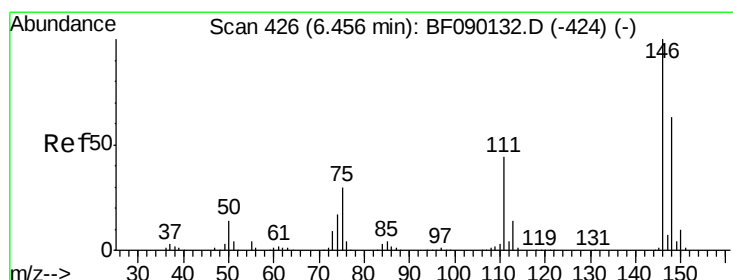
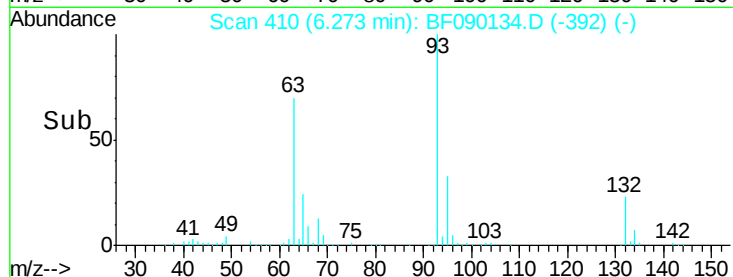
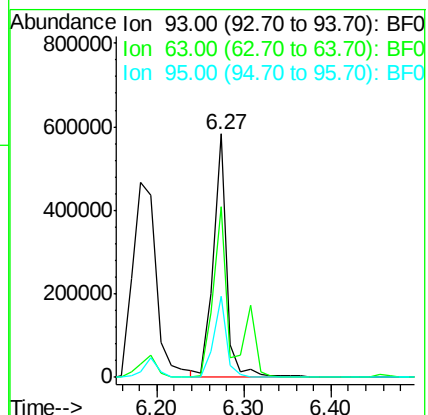
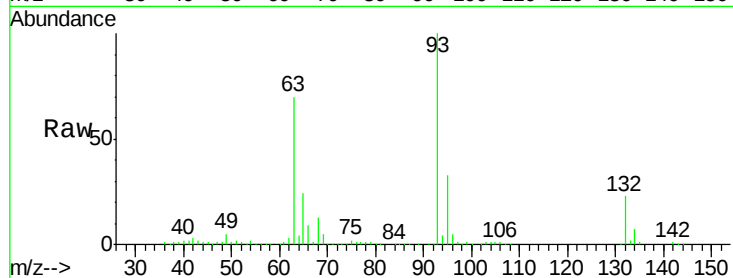
Tot Ion: 93 Resp: 628423

Ion Ratio Lower Upper

93 100

63 70.3 55.6 95.6

95 33.2 12.6 52.6



#12

1,3-Dichlorobenzene

Concen: 54.14 ng

RT: 6.46 min Scan# 426

Delta R.T. 0.00 min

Lab File: BF090134.D

Acq: 20 Sep 2016 13:04

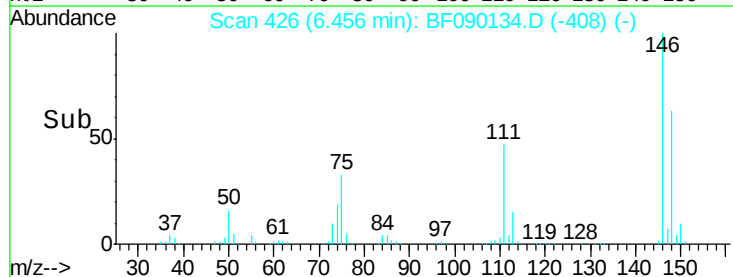
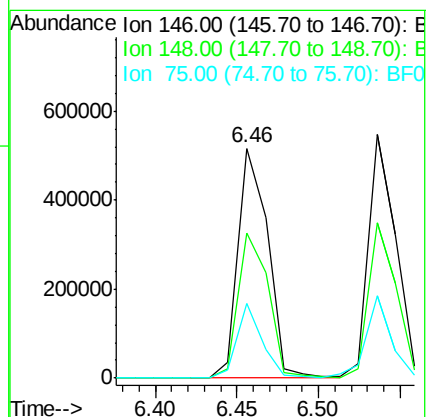
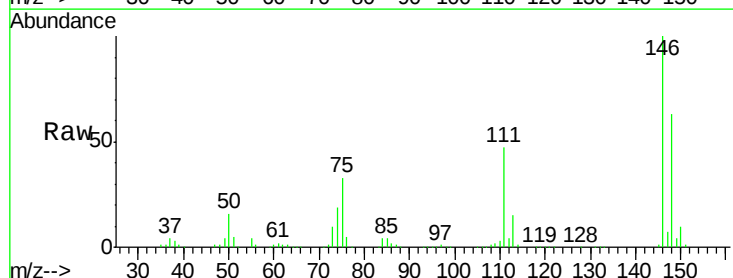
Tgt Ion: 146 Resp: 649901

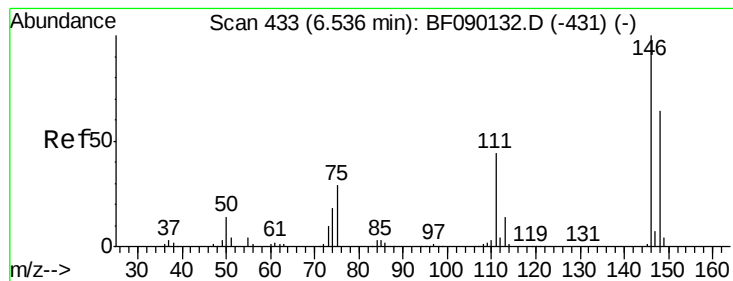
Ion Ratio Lower Upper

146 100

148 63.4 51.9 77.9

75 32.6 22.8 34.2





#13

1,4-Dichlorobenzene

Concen: 53.06 ng

RT: 6.54 min Scan# 433

Delta R.T. 0.00 min

Lab File: BF090134.D

Acq: 20 Sep 2016 13:04

Instrument :

BNA_F

ClientSampleId :

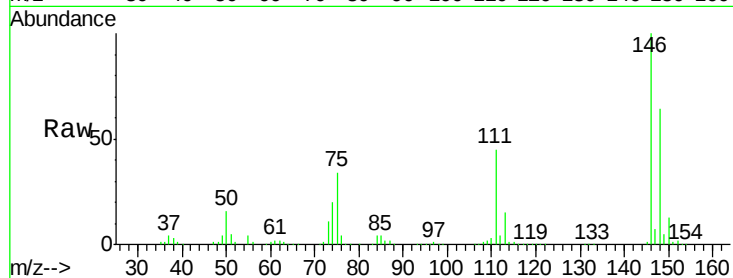
Tot Ion:146 Resp: 657533

Ion Ratio Lower Upper

146 100

148 63.6 52.0 78.0

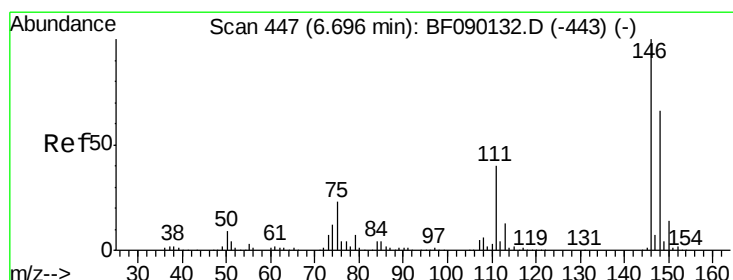
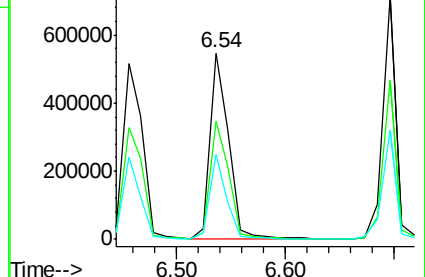
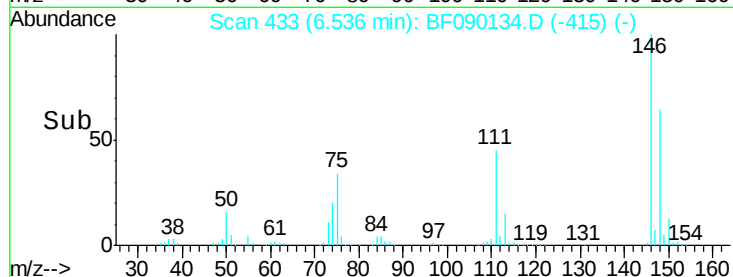
111 45.4 33.8 50.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 53.93 ng

RT: 6.70 min Scan# 447

Delta R.T. 0.00 min

Lab File: BF090134.D

Acq: 20 Sep 2016 13:04

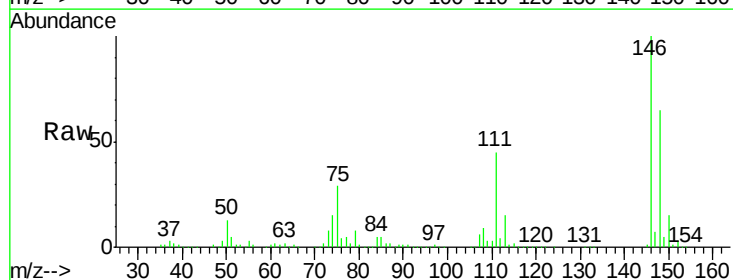
Tgt Ion:146 Resp: 607255

Ion Ratio Lower Upper

146 100

148 65.1 52.6 79.0

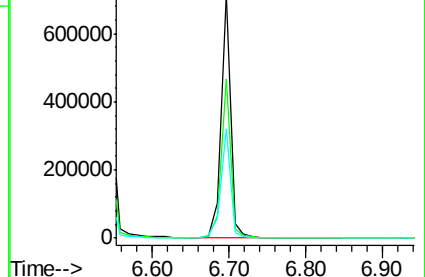
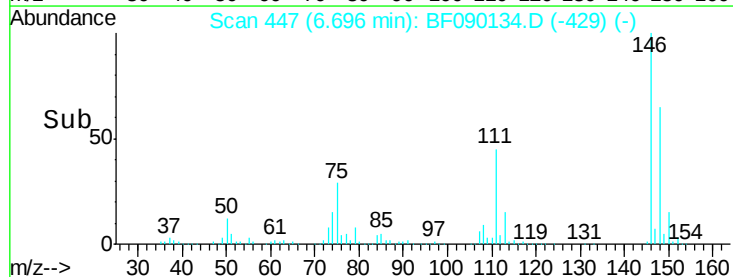
111 44.7 28.2 42.2#

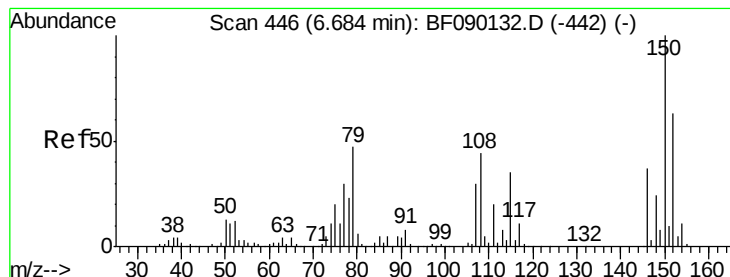


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 53.52 ng

RT: 6.68 min Scan# 446

Delta R.T. 0.00 min

Lab File: BF090134.D

Acq: 20 Sep 2016 13:04

Instrument :

BNA_F

ClientSampled :

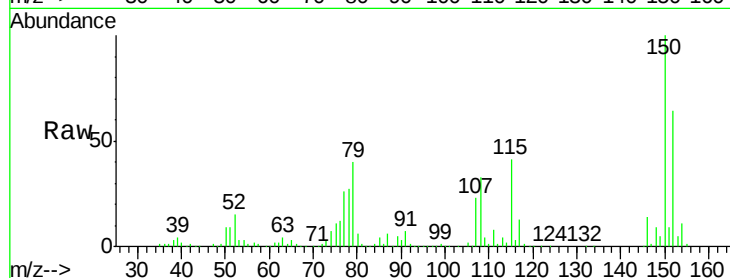
Tot Ion: 79 Resp: 399641

Ion Ratio Lower Upper

79 100

108 81.6 62.2 93.4

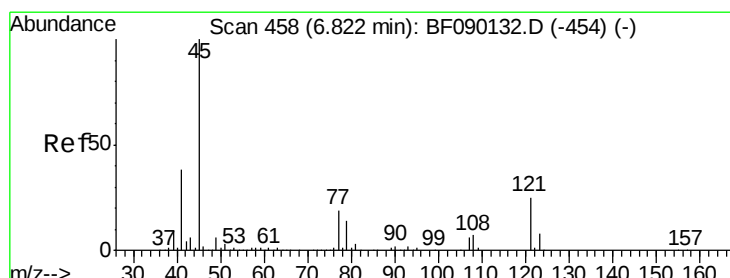
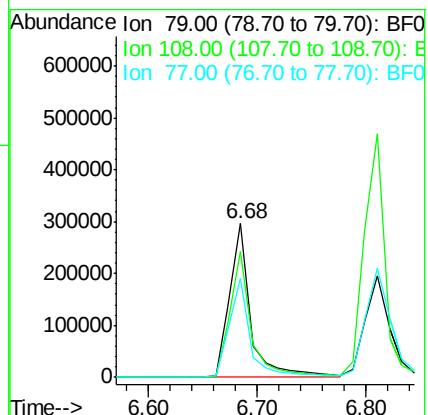
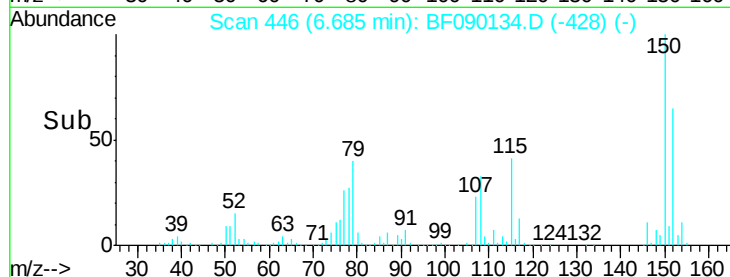
77 64.7 51.4 77.0



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: 51.52 ng

RT: 6.82 min Scan# 458

Delta R.T. 0.00 min

Lab File: BF090134.D

Acq: 20 Sep 2016 13:04

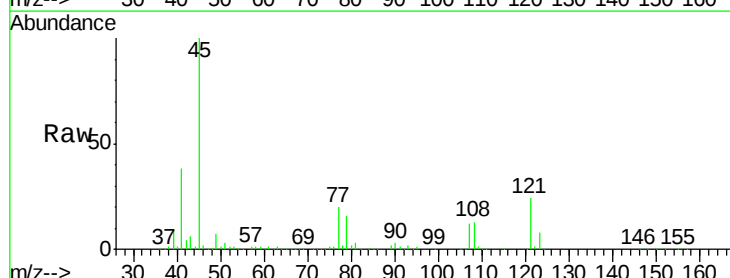
Tgt Ion: 45 Resp: 728792

Ion Ratio Lower Upper

45 100

77 20.1 0.5 40.5

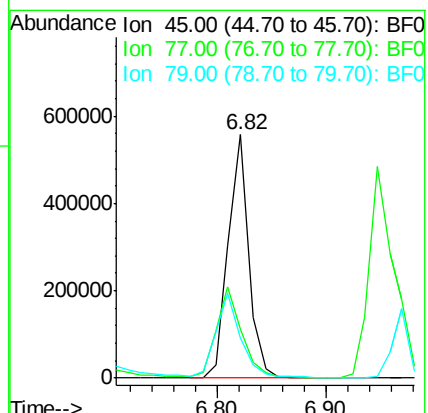
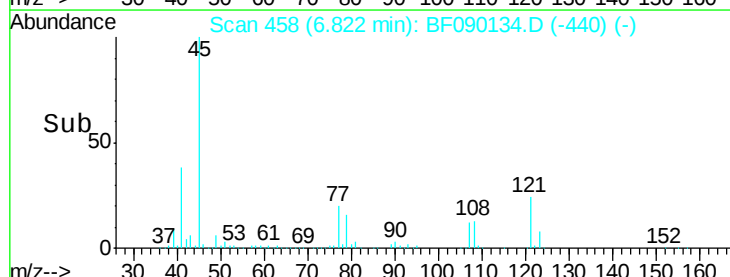
79 16.4 0.0 37.0

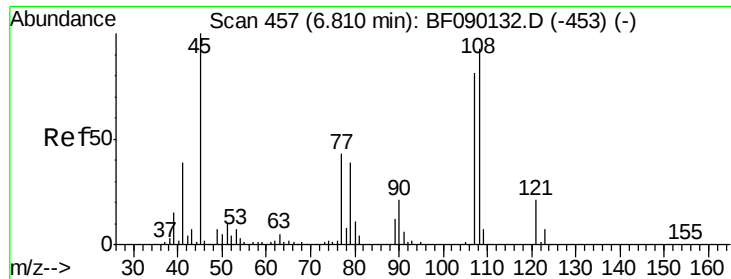


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

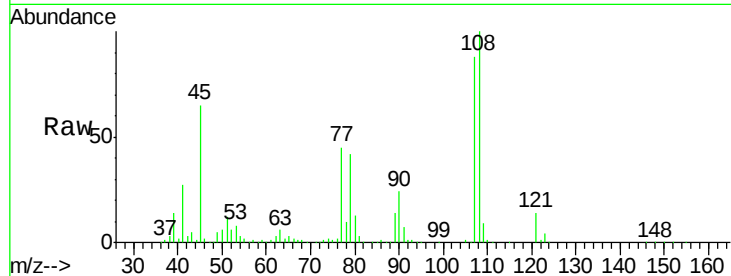




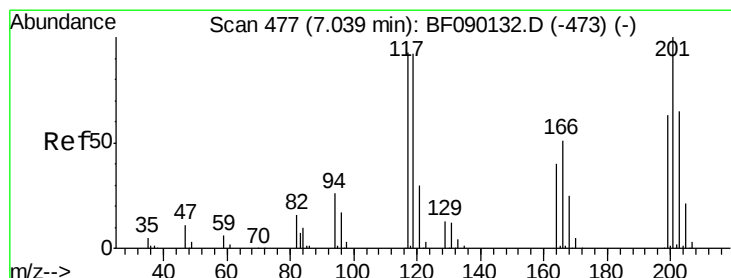
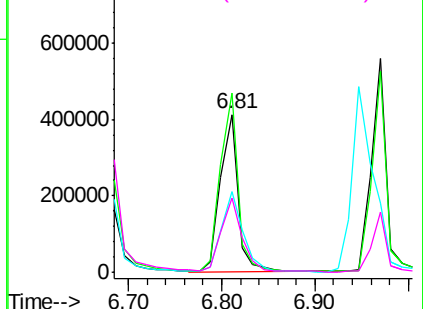
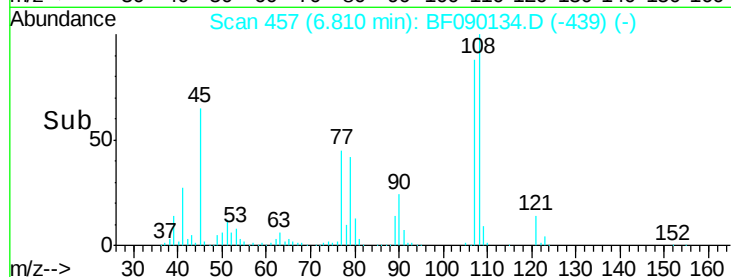
#17
2-Methylphenol
Concen: 56.89 ng
RT: 6.81 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF090134.D
Acq: 20 Sep 2016 13:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 542974
Ion Ratio Lower Upper
107 100
108 113.5 92.0 138.0
77 50.9 35.6 53.4
79 47.4 35.2 52.8

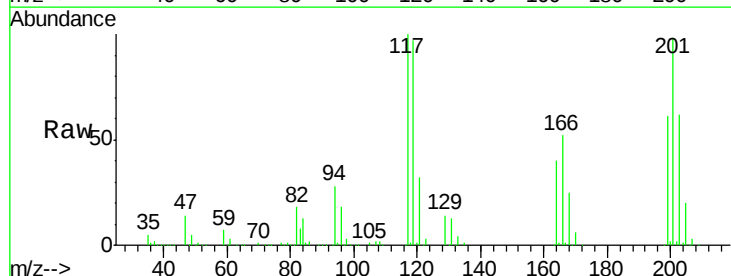


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

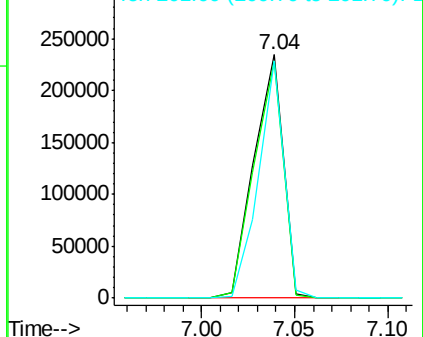
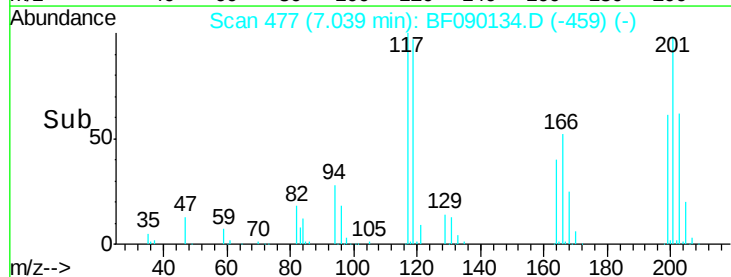


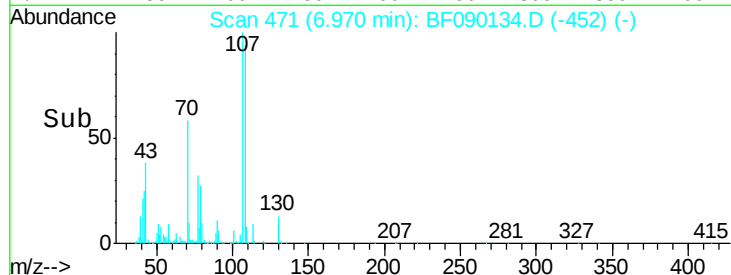
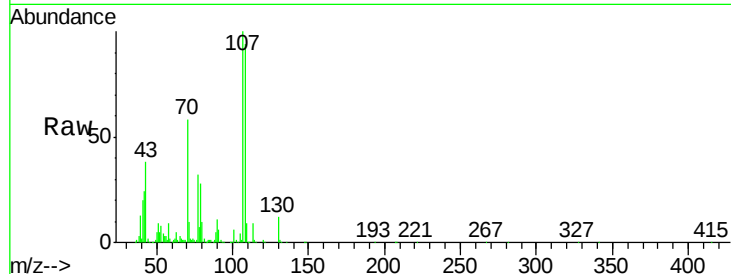
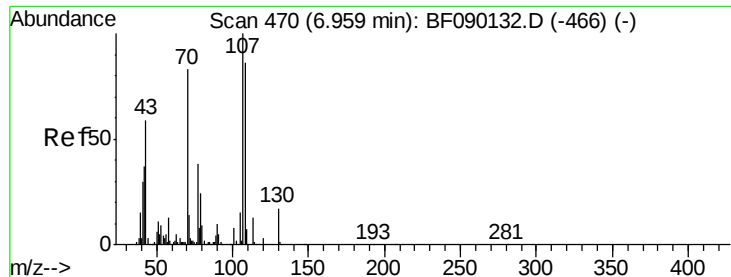
#18
Hexachloroethane
Concen: 56.55 ng
RT: 7.04 min Scan# 477
Delta R.T. 0.00 min
Lab File: BF090134.D
Acq: 20 Sep 2016 13:04

Tgt Ion:117 Resp: 254314
Ion Ratio Lower Upper
117 100
119 97.3 76.6 115.0
201 97.5 55.5 83.3#



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

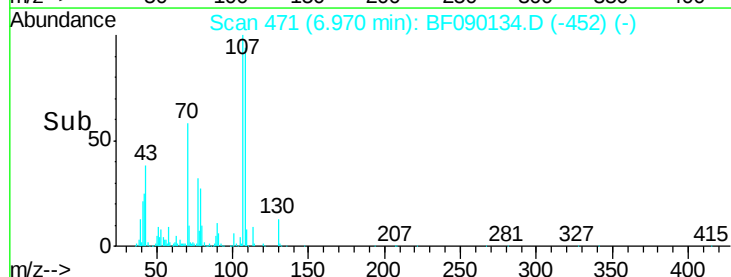
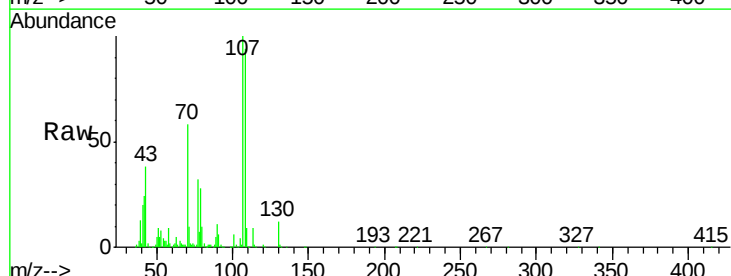
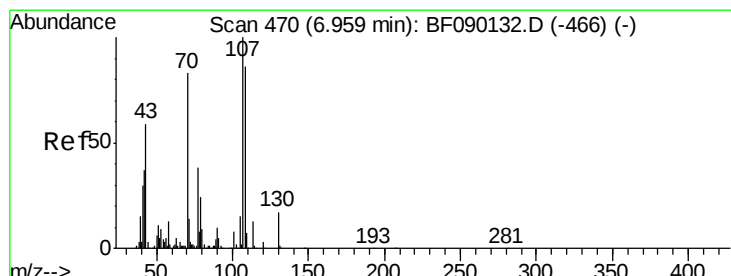
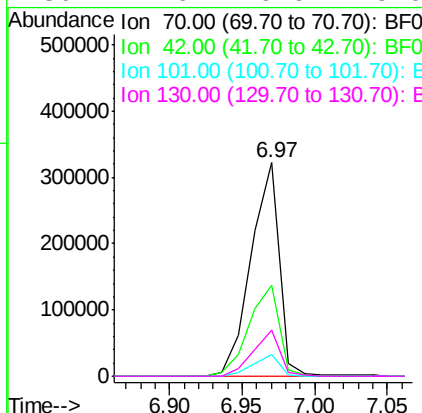




#19
n-Nitroso-di-n-propylamine
Concen: 53.06 ng
RT: 6.97 min Scan# 471
Delta R.T. 0.01 min
Lab File: BF090134.D
Acq: 20 Sep 2016 13:04

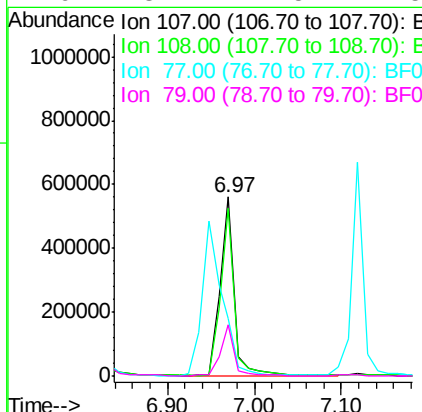
Instrument :
BNA_F
ClientSampleId :

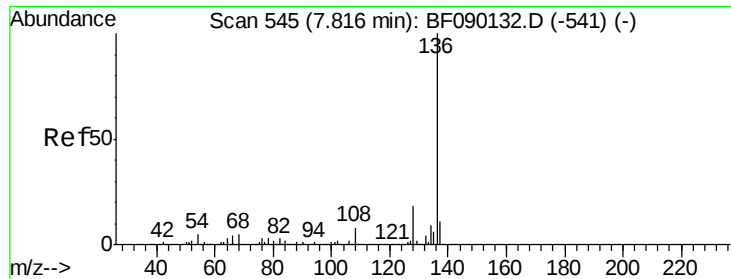
Tot Ion	Ratio	Lower	Upper
70	100		
42	42.4	35.1	52.7
101	9.9	7.5	11.3
130	21.6	16.6	25.0



#20
3+4-Methylphenols
Concen: 55.33 ng
RT: 6.97 min Scan# 471
Delta R.T. 0.01 min
Lab File: BF090134.D
Acq: 20 Sep 2016 13:04

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.9	73.3	113.3
77	32.1	14.1	54.1
79	28.4	7.5	47.5





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.82 min Scan# 545

Delta R.T. 0.00 min

Lab File: BF090134.D

Acq: 20 Sep 2016 13:04

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 656679

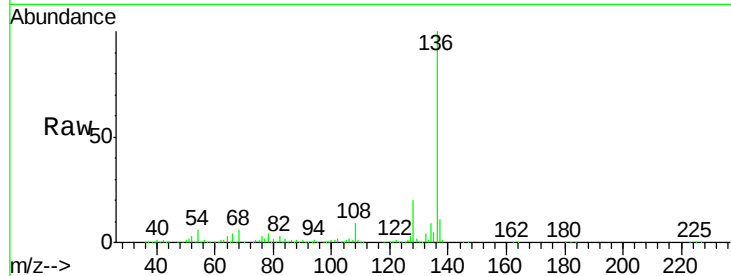
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 5.6 6.4 9.6#

68 5.6 6.3 9.5#

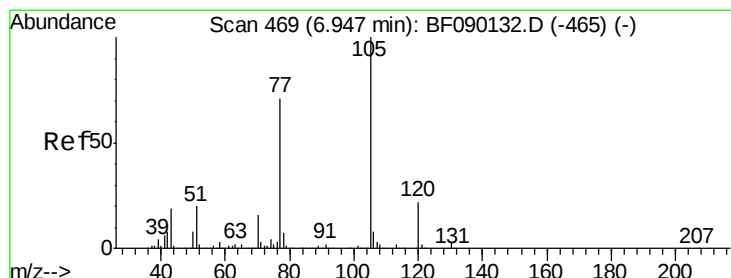
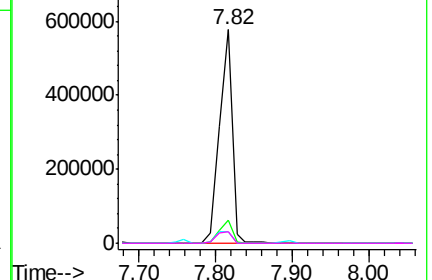
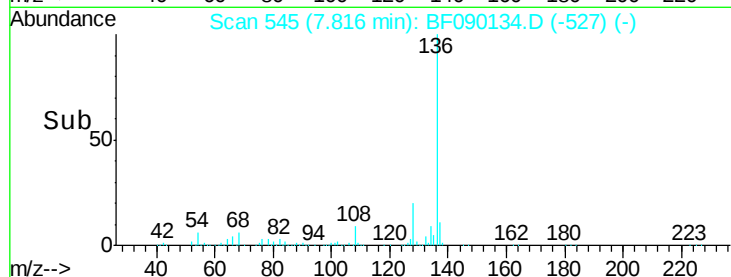


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 53.93 ng

RT: 6.95 min Scan# 469

Delta R.T. 0.00 min

Lab File: BF090134.D

Acq: 20 Sep 2016 13:04

Tgt Ion:105 Resp: 857307

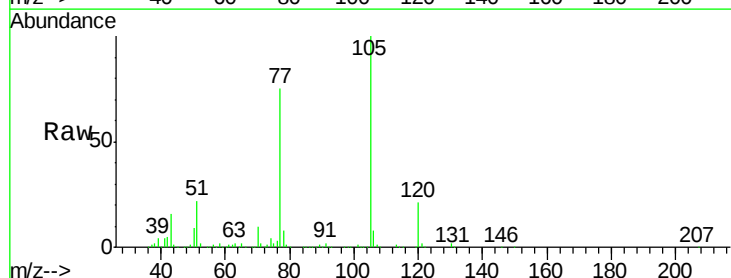
Ion Ratio Lower Upper

105 100

71 1.7 4.1 6.1#

51 22.1 16.2 24.2

120 21.3 18.2 27.2

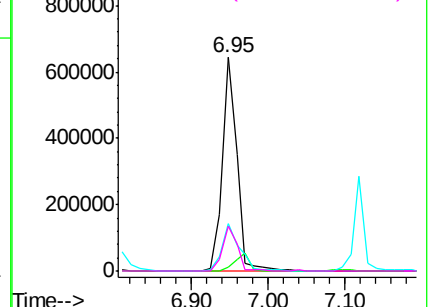
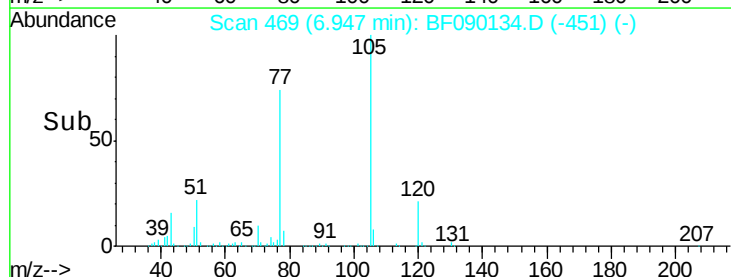


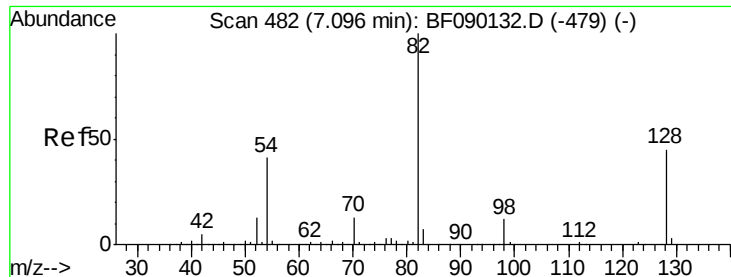
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

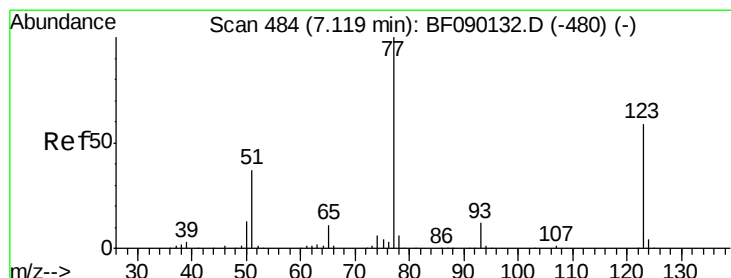
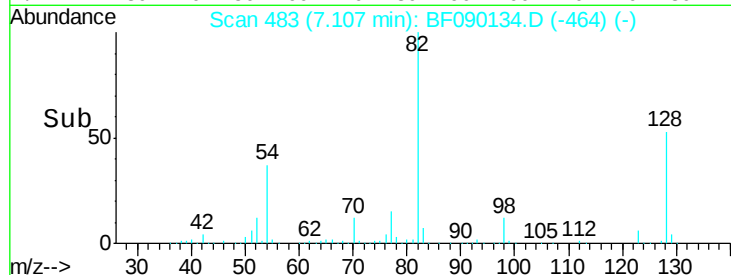
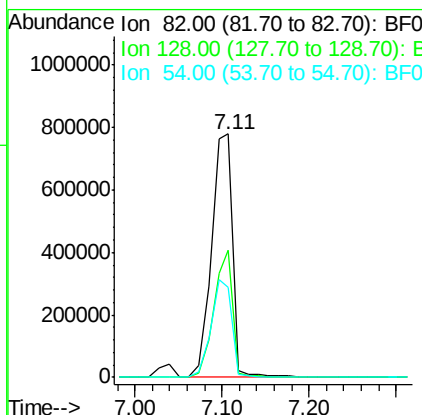
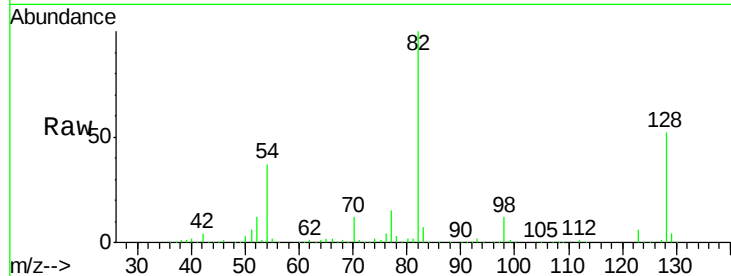




#23
 Nitrobenzene-d5
 Concen: 113.93 ng
 RT: 7.11 min Scan# 483
 Delta R.T. 0.01 min
 Lab File: BF090134.D
 Acq: 20 Sep 2016 13:04

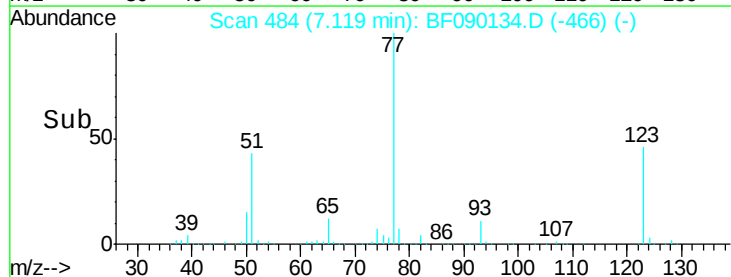
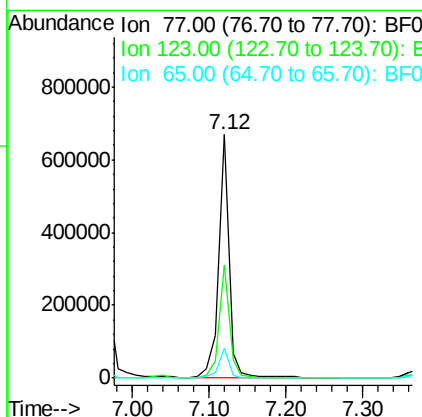
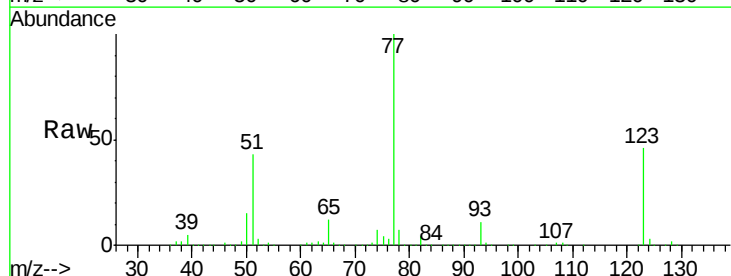
Instrument :
 BNA_F
 ClientSampleId :

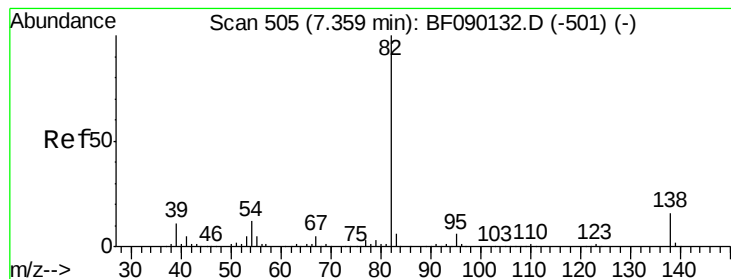
Tot Ion: 82 Resp: 1330611
 Ion Ratio Lower Upper
 82 100
 128 52.5 37.5 56.3
 54 37.0 31.9 47.9



#24
 Nitrobenzene
 Concen: 50.60 ng
 RT: 7.12 min Scan# 484
 Delta R.T. 0.00 min
 Lab File: BF090134.D
 Acq: 20 Sep 2016 13:04

Tgt Ion: 77 Resp: 622545
 Ion Ratio Lower Upper
 77 100
 123 46.2 33.4 50.2
 65 12.4 10.1 15.1





#25

Isophorone

Concen: 55.34 ng

RT: 7.37 min Scan# 506

Delta R.T. 0.01 min

Lab File: BF090134.D

Acq: 20 Sep 2016 13:04

Instrument :

BNA_F

ClientSampleId :

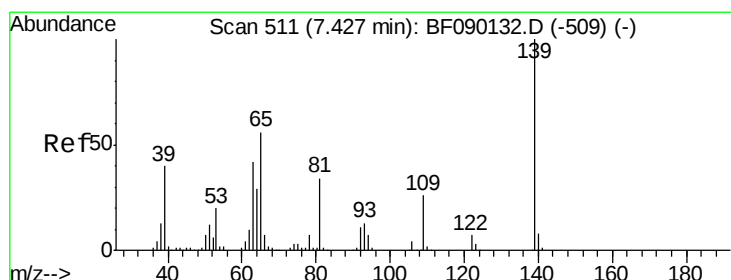
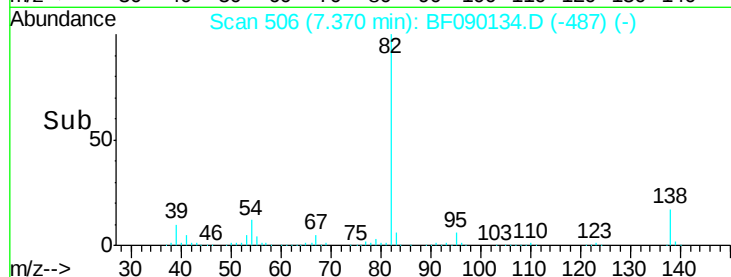
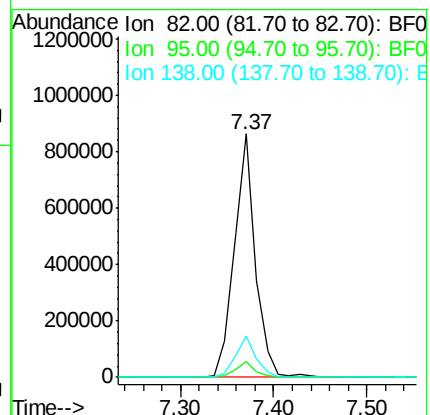
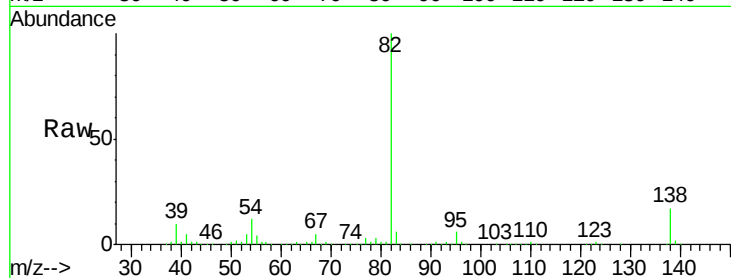
Tot Ion: 82 Resp: 1353369

Ion Ratio Lower Upper

82 100

95 6.4 5.1 7.7

138 17.2 13.5 20.3



#26

2-Nitrophenol

Concen: 61.11 ng

RT: 7.44 min Scan# 512

Delta R.T. 0.01 min

Lab File: BF090134.D

Acq: 20 Sep 2016 13:04

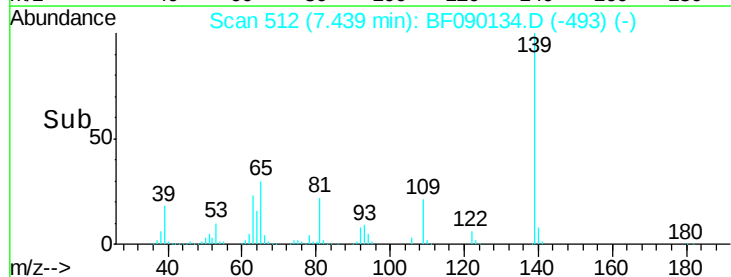
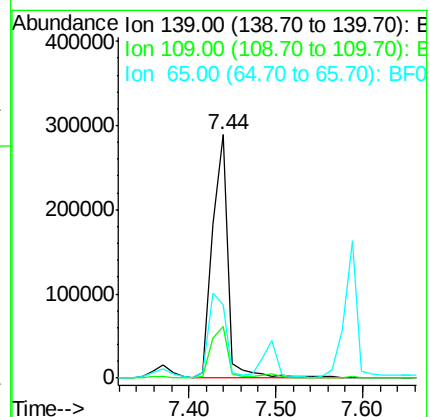
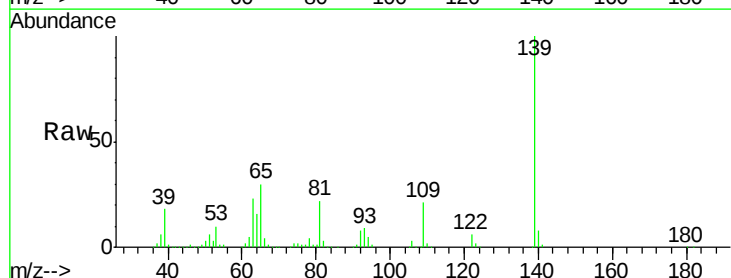
Tgt Ion: 139 Resp: 364554

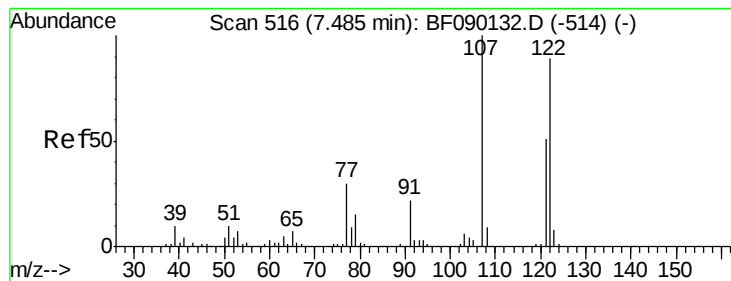
Ion Ratio Lower Upper

139 100

109 21.4 20.5 30.7

65 30.3 37.9 56.9#





#27

2,4-Dimethylphenol

Concen: 59.14 ng

RT: 7.50 min Scan# 517

Delta R.T. 0.01 min

Lab File: BF090134.D

Acq: 20 Sep 2016 13:04

Instrument :

BNA_F

ClientSampled :

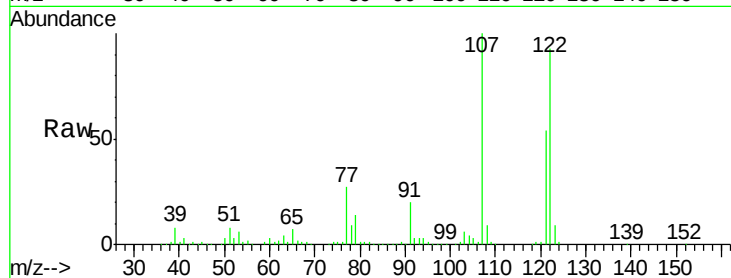
Tot Ion:122 Resp: 620713

Ion Ratio Lower Upper

122 100

107 107.9 87.8 131.6

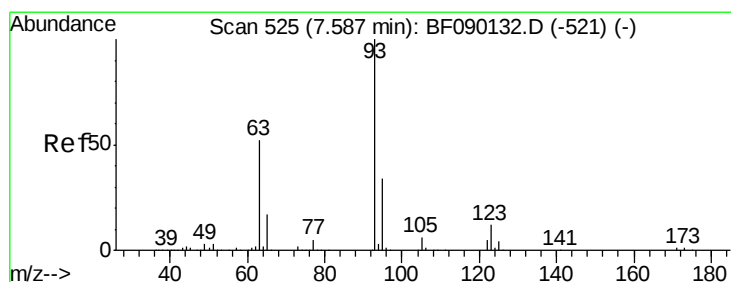
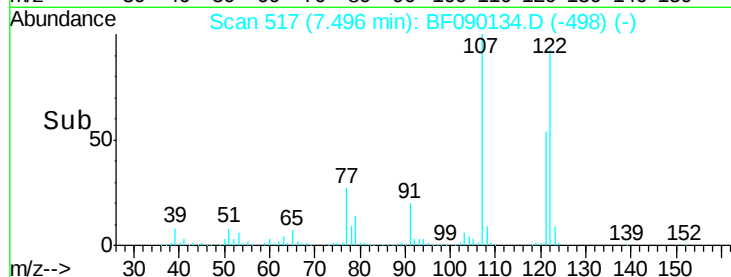
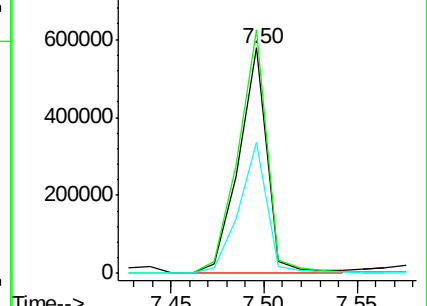
121 58.0 45.7 68.5



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: 58.37 ng

RT: 7.59 min Scan# 525

Delta R.T. 0.00 min

Lab File: BF090134.D

Acq: 20 Sep 2016 13:04

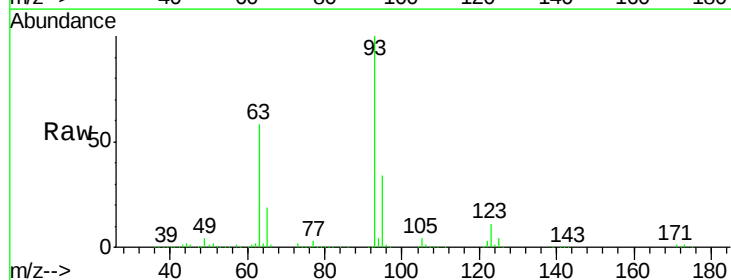
Tgt Ion: 93 Resp: 837219

Ion Ratio Lower Upper

93 100

95 33.8 26.8 40.2

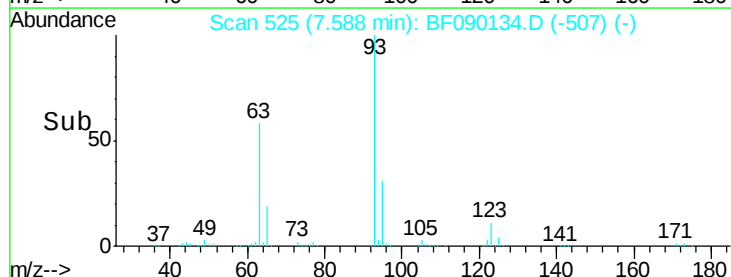
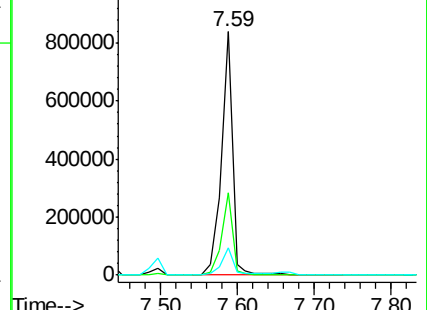
123 11.2 8.5 12.7

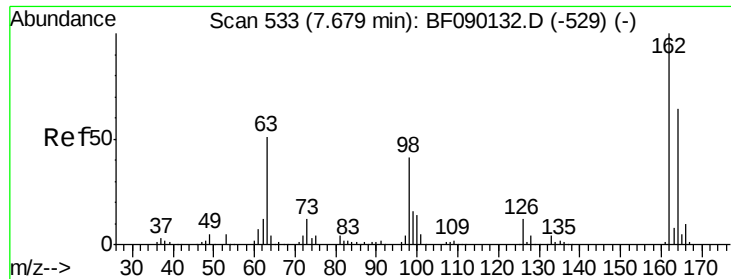


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

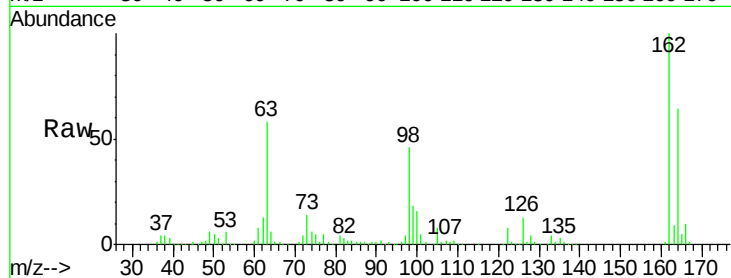




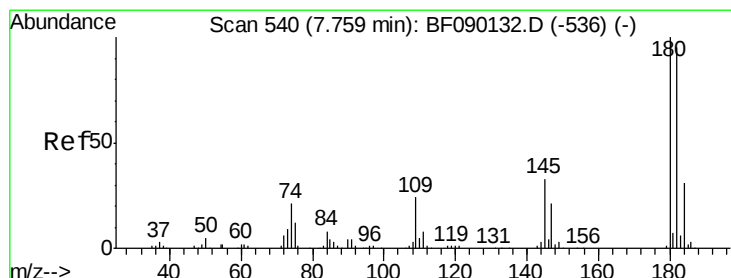
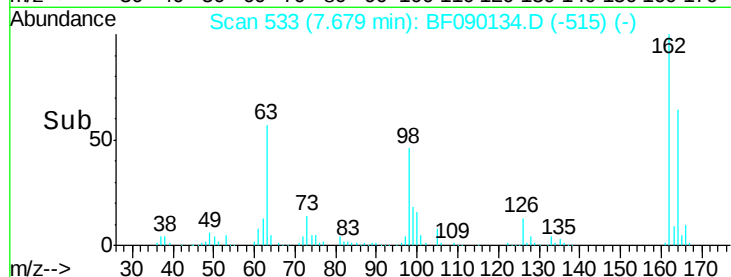
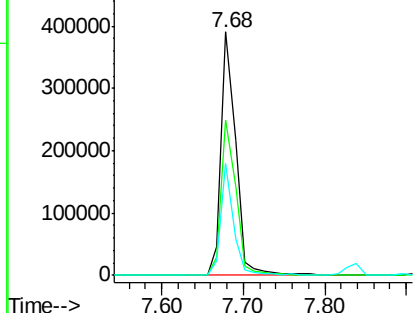
#29
 2,4-Dichlorophenol
 Concen: 52.51 ng
 RT: 7.68 min Scan# 533
 Delta R.T. 0.00 min
 Lab File: BF090134.D
 Acq: 20 Sep 2016 13:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.7	46.2	86.2
98	45.8	10.4	50.4

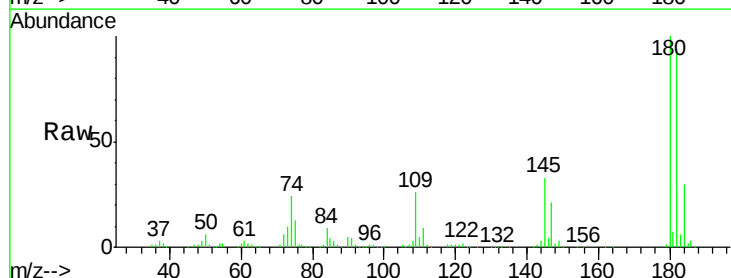


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

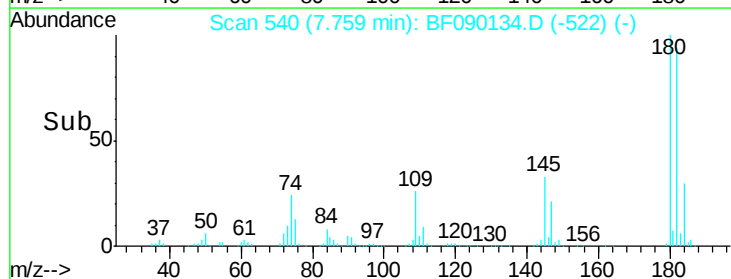
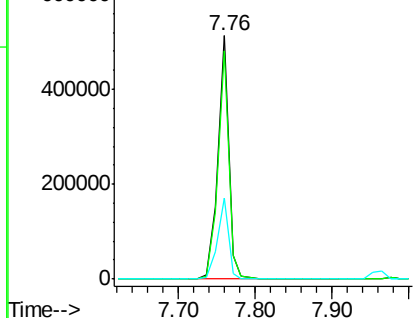


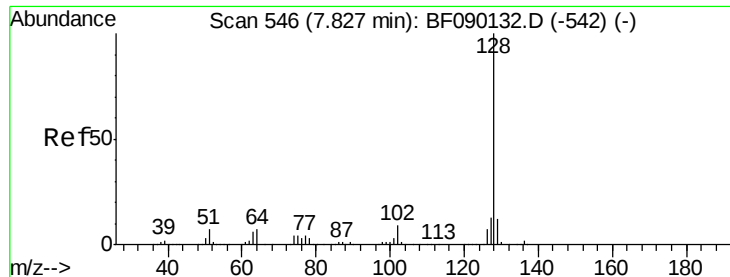
#30
 1,2,4-Trichlorobenzene
 Concen: 55.39 ng
 RT: 7.76 min Scan# 540
 Delta R.T. 0.00 min
 Lab File: BF090134.D
 Acq: 20 Sep 2016 13:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.6	75.0	112.6
145	33.3	28.6	42.8



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

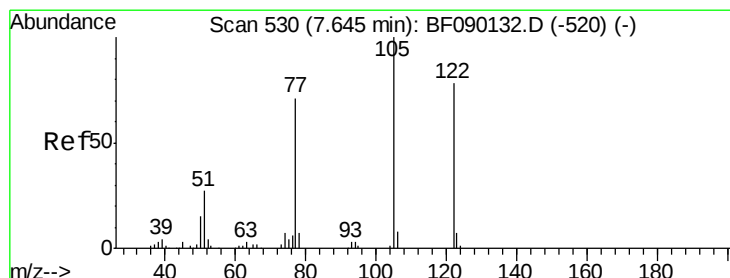
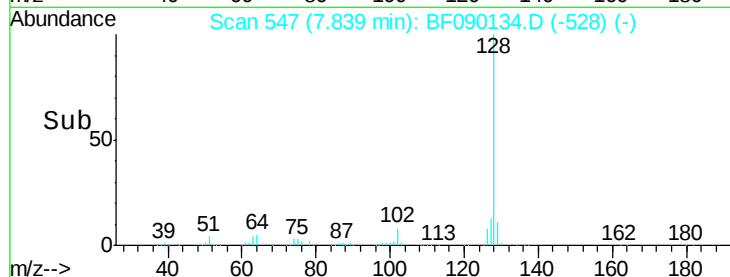
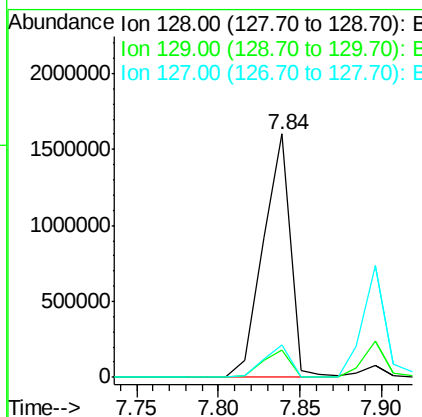
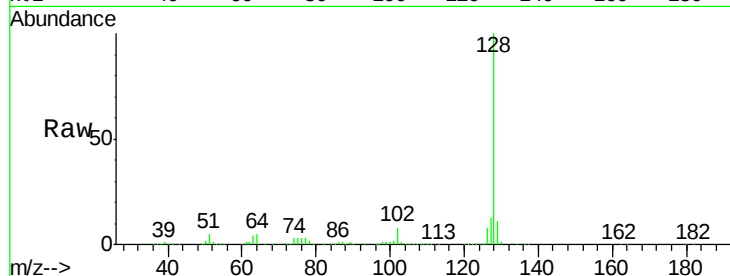




#31
Naphthalene
Concen: 57.57 ng
RT: 7.84 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF090134.D
Acq: 20 Sep 2016 13:04

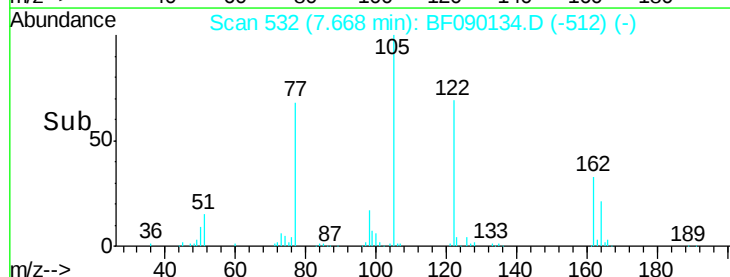
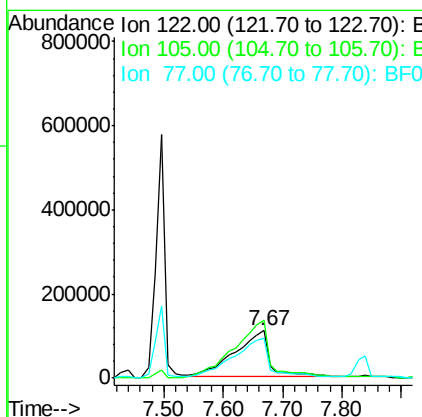
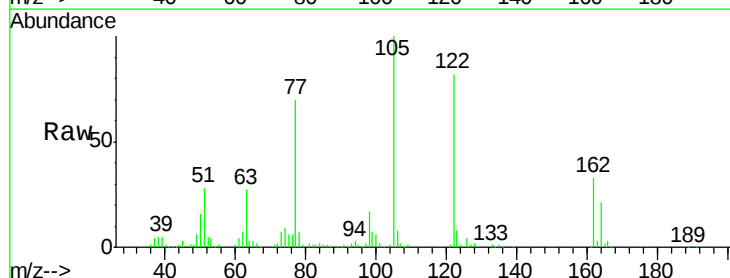
Instrument :
BNA_F
ClientSampled :

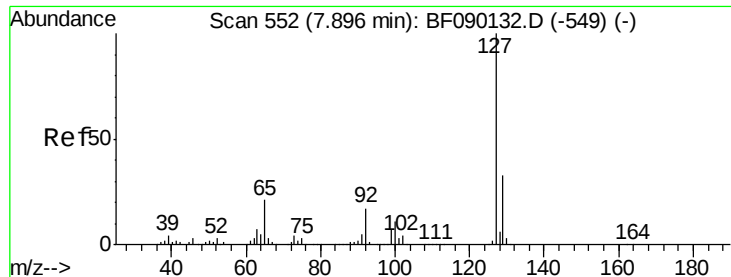
Tot Ion:128 Resp: 1858357
Ion Ratio Lower Upper
128 100
129 11.4 9.3 13.9
127 13.5 10.8 16.2



#32
Benzoic acid
Concen: 58.21 ng
RT: 7.67 min Scan# 532
Delta R.T. 0.02 min
Lab File: BF090134.D
Acq: 20 Sep 2016 13:04

Tgt Ion:122 Resp: 439026
Ion Ratio Lower Upper
122 100
105 122.6 105.0 145.0
77 85.9 70.4 110.4

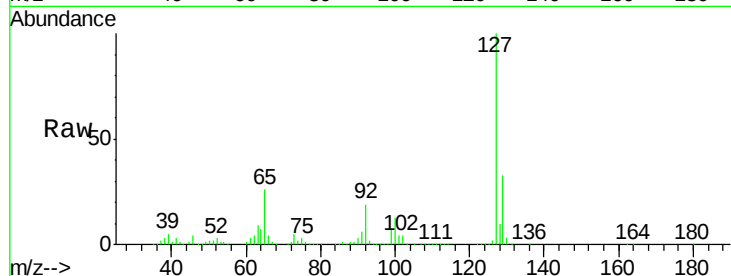




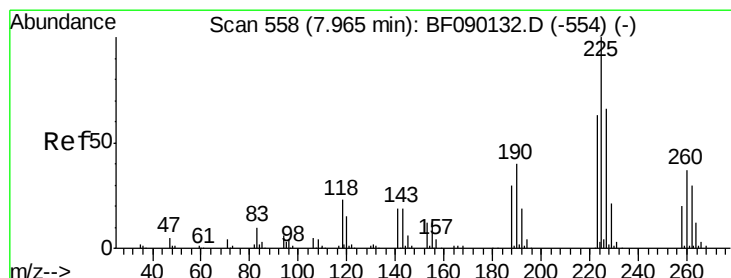
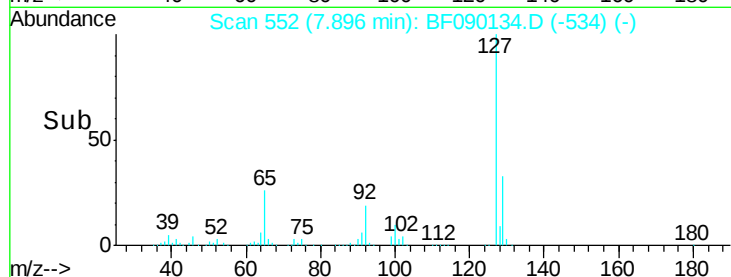
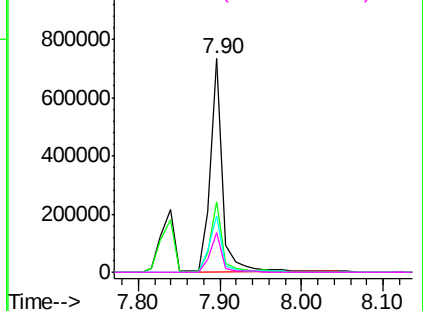
#33
4-Chloroaniline
Concen: 56.66 ng
RT: 7.90 min Scan# 552
Delta R.T. 0.00 min
Lab File: BF090134.D
Acq: 20 Sep 2016 13:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	778329
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.8	38.6
65	26.3	24.1	36.1
92	18.8	16.3	24.5

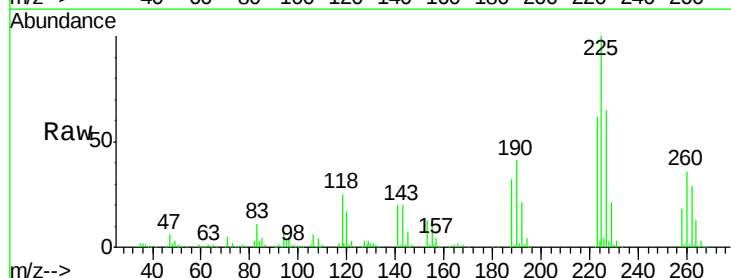


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

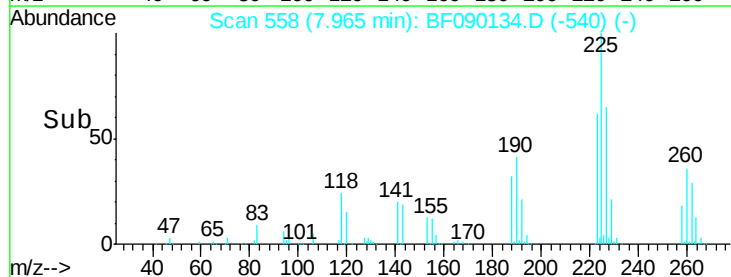
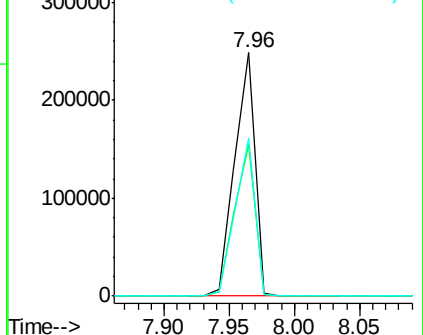


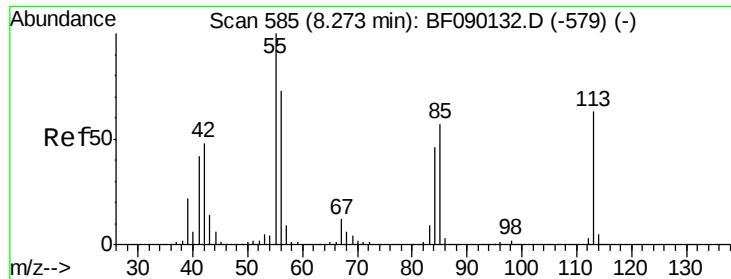
#34
Hexachlorobutadiene
Concen: 57.04 ng
RT: 7.96 min Scan# 558
Delta R.T. 0.00 min
Lab File: BF090134.D
Acq: 20 Sep 2016 13:04

Tgt Ion:	225	Resp:	267161
Ion	Ratio	Lower	Upper
225	100		
223	62.1	51.3	76.9
227	65.0	51.4	77.0



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





#35

Caprolactam

Concen: 57.82 ng

RT: 8.30 min Scan# 587

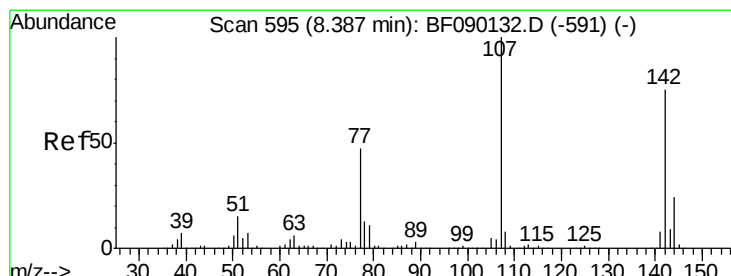
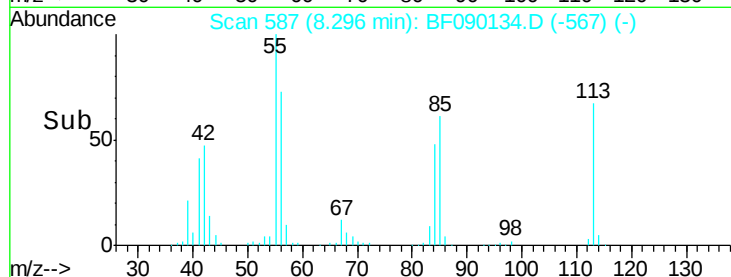
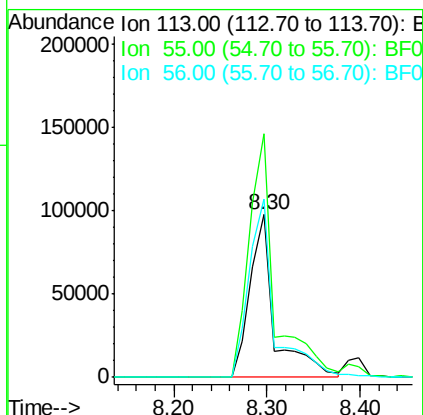
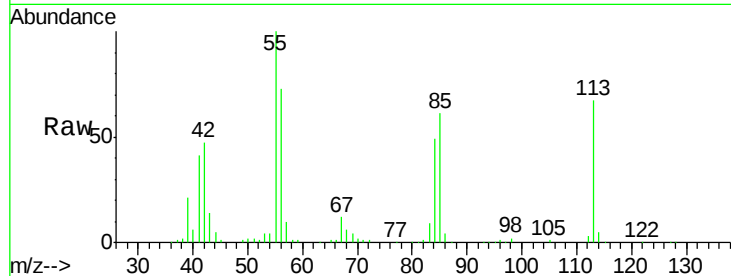
Delta R.T. 0.02 min

Lab File: BF090134.D

Acq: 20 Sep 2016 13:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 179009
Ion Ratio Lower Upper
113 100
55 149.6 134.5 174.5
56 109.8 93.7 133.7



#36

4-Chloro-3-methylphenol

Concen: 56.97 ng

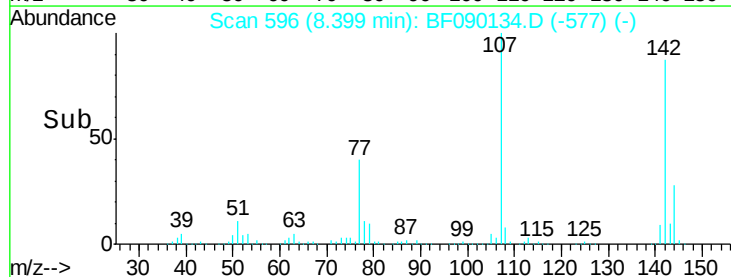
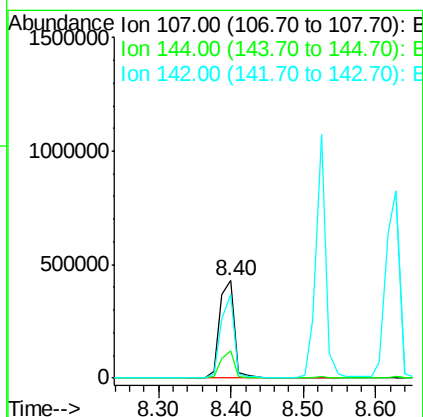
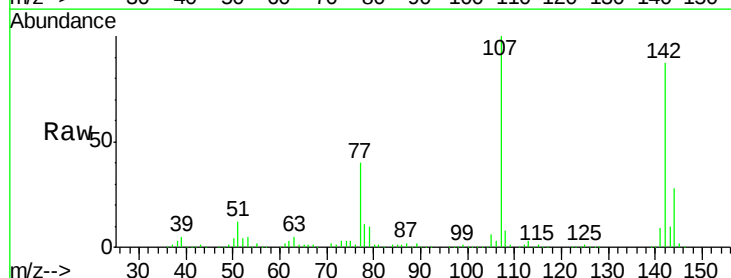
RT: 8.40 min Scan# 596

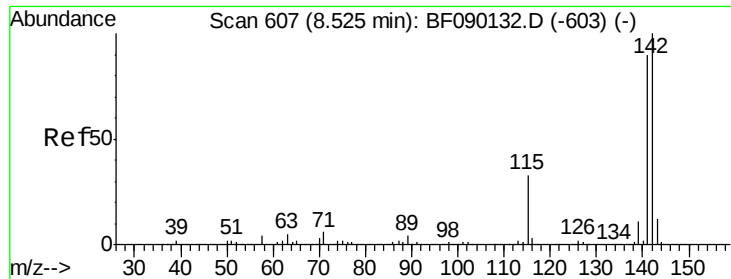
Delta R.T. 0.01 min

Lab File: BF090134.D

Acq: 20 Sep 2016 13:04

Tgt Ion:107 Resp: 613216
Ion Ratio Lower Upper
107 100
144 28.4 18.6 27.8#
142 86.6 57.0 85.6#

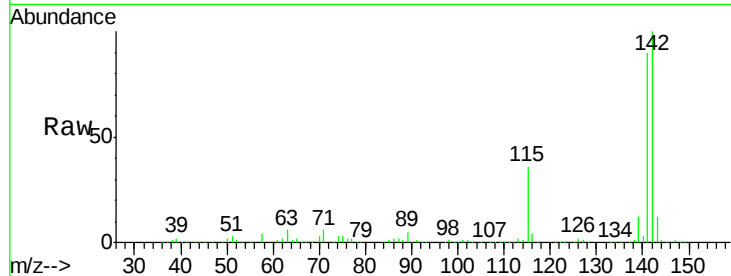




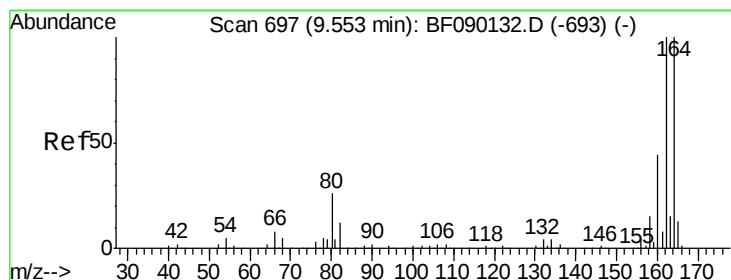
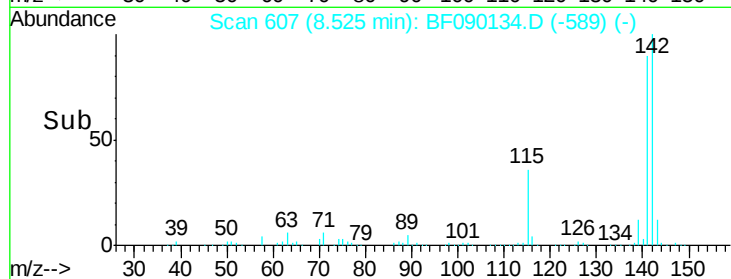
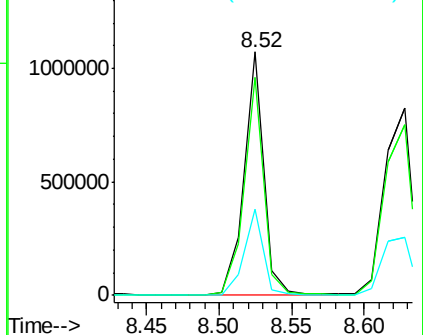
#37
2-Methylnaphthalene
Concen: 50.50 ng
RT: 8.52 min Scan# 607
Delta R.T. 0.00 min
Lab File: BF090134.D
Acq: 20 Sep 2016 13:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 1010990
Ion Ratio Lower Upper
142 100
141 89.7 71.4 107.2
115 35.7 28.3 42.5

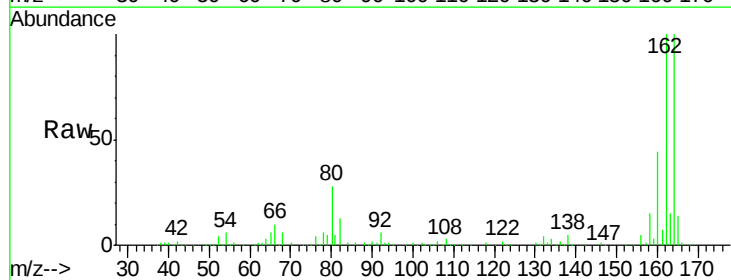


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

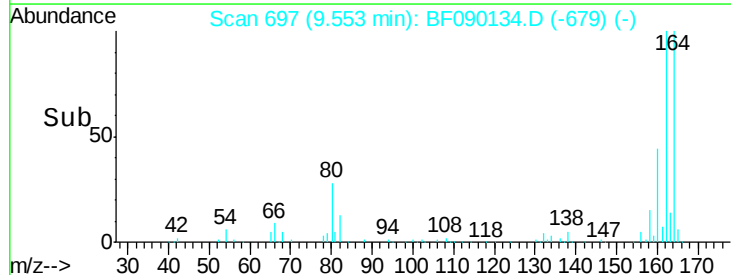
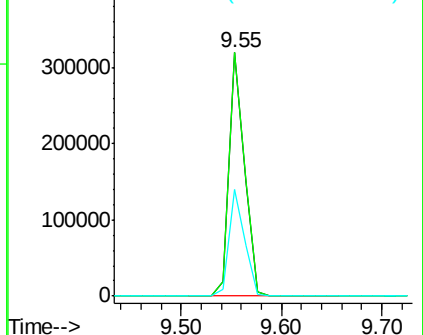


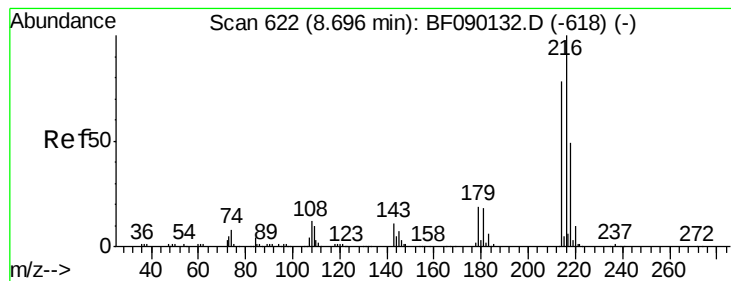
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.55 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF090134.D
Acq: 20 Sep 2016 13:04

Tgt Ion:164 Resp: 340330
Ion Ratio Lower Upper
164 100
162 100.1 81.4 122.2
160 43.7 36.6 54.8



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: 53.23 ng

RT: 8.70 min Scan# 622

Delta R.T. 0.00 min

Lab File: BF090134.D

Acq: 20 Sep 2016 13:04

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 465791

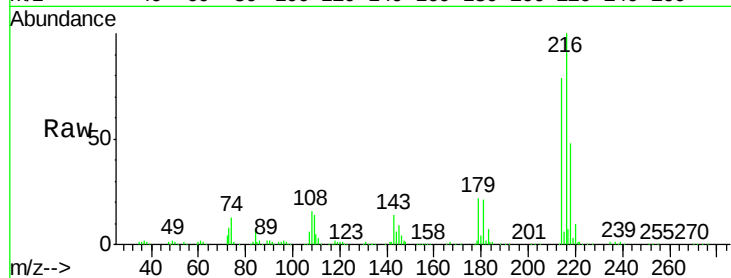
Ion Ratio Lower Upper

216 100

214 79.3 63.7 95.5

179 22.7 18.5 27.7

108 21.6 19.5 29.3

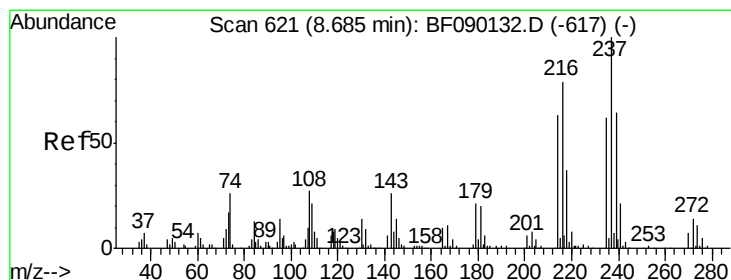
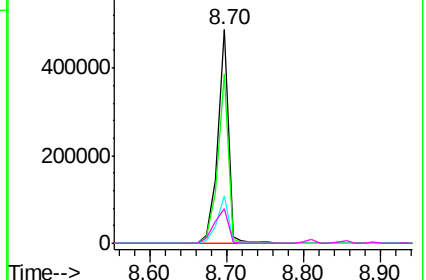
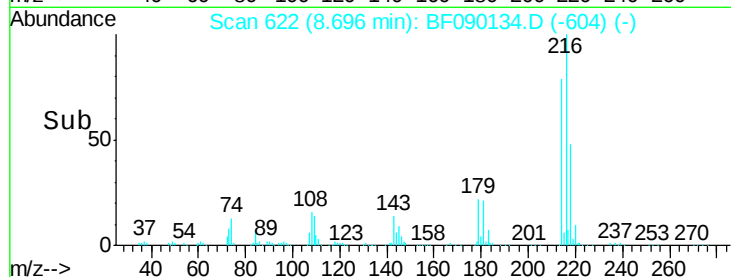


Abundance Ion 216.00 (215.70 to 216.70): E

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: 53.29 ng

RT: 8.68 min Scan# 621

Delta R.T. 0.00 min

Lab File: BF090134.D

Acq: 20 Sep 2016 13:04

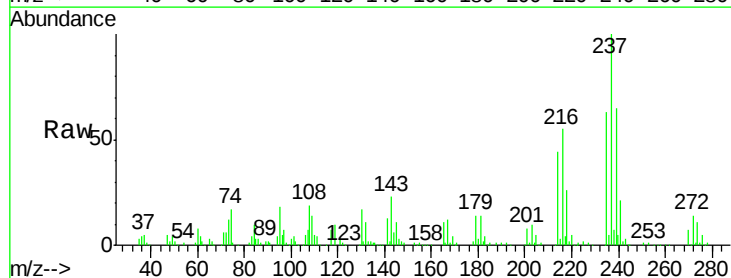
Tgt Ion:237 Resp: 242348

Ion Ratio Lower Upper

237 100

235 63.0 42.5 82.5

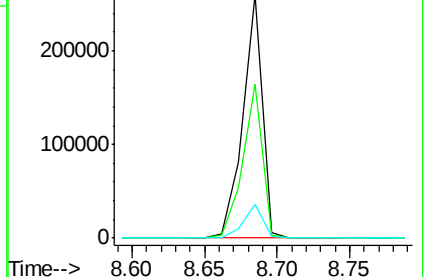
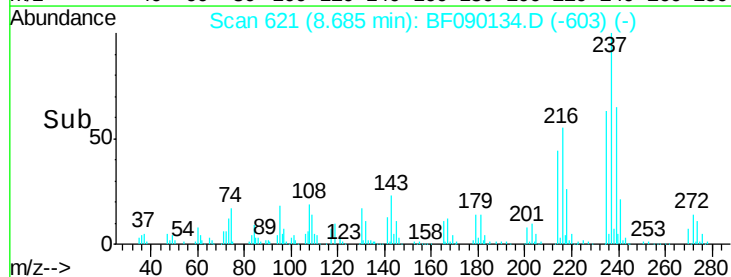
272 14.0 0.0 32.0

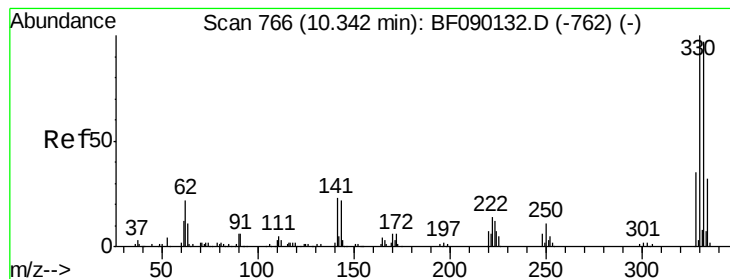


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

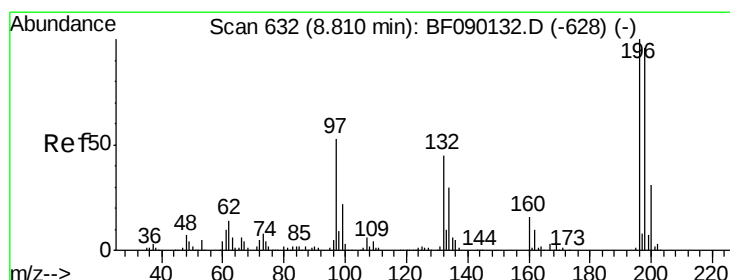
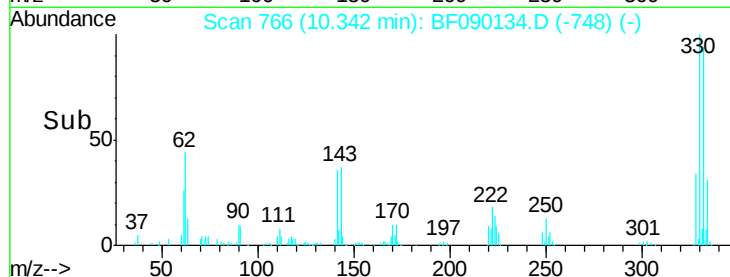
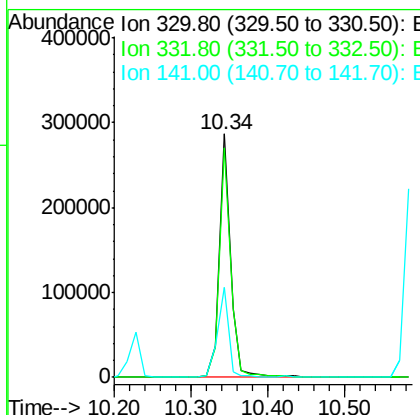
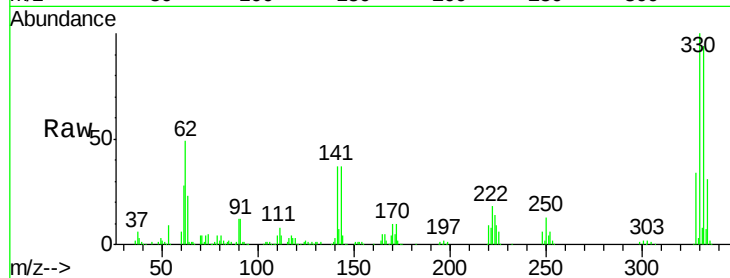




#41
 2,4,6-Tribromophenol
 Concen: 86.74 ng
 RT: 10.34 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: BF090134.D
 Acq: 20 Sep 2016 13:04

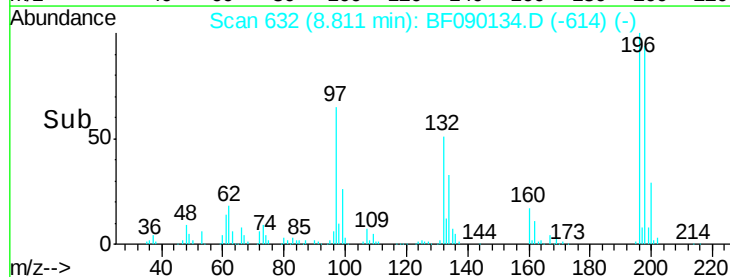
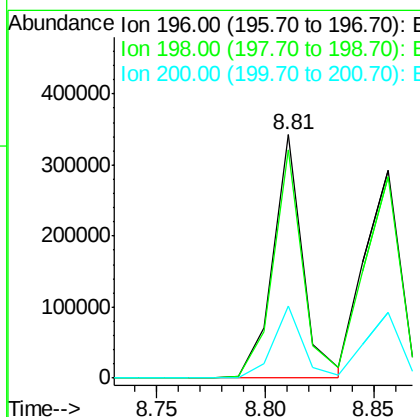
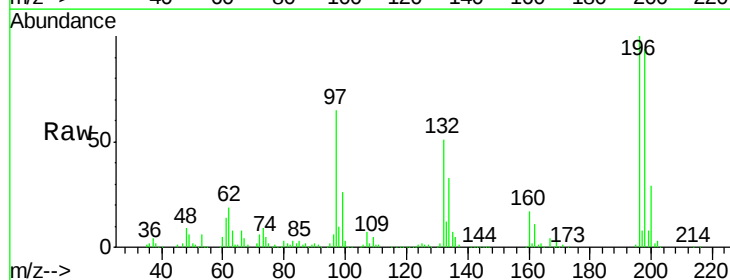
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	78.1	117.1
141	35.9	23.9	35.9#



#42
 2,4,6-Trichlorophenol
 Concen: 51.60 ng
 RT: 8.81 min Scan# 632
 Delta R.T. 0.00 min
 Lab File: BF090134.D
 Acq: 20 Sep 2016 13:04

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.8	76.3	114.5
200	29.4	24.1	36.1

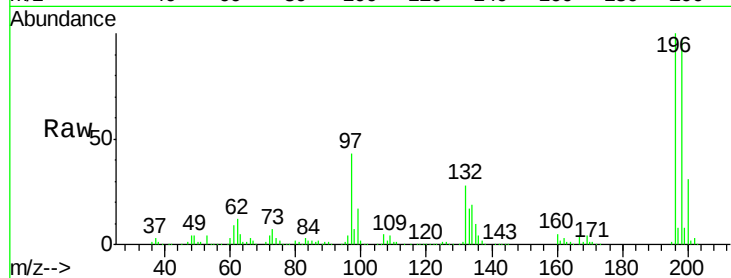




#43
2,4,5-Trichlorophenol
Concen: 50.54 ng
RT: 8.86 min Scan# 636
Delta R.T. 0.01 min
Lab File: BF090134.D
Acq: 20 Sep 2016 13:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.9	76.6	114.8
97	42.8	34.4	51.6
132	27.5	22.2	33.2



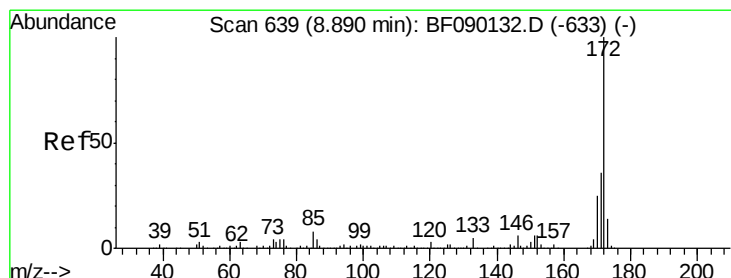
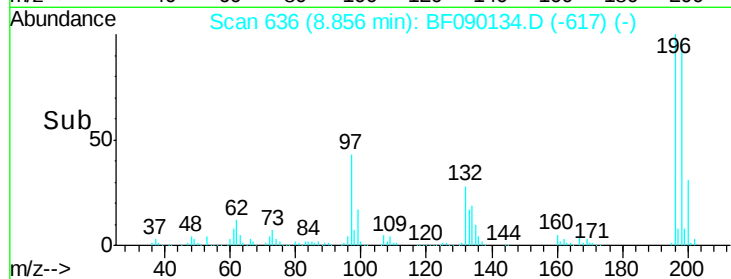
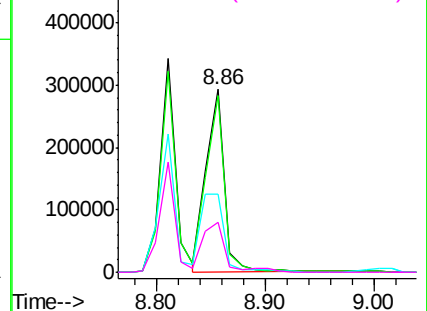
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

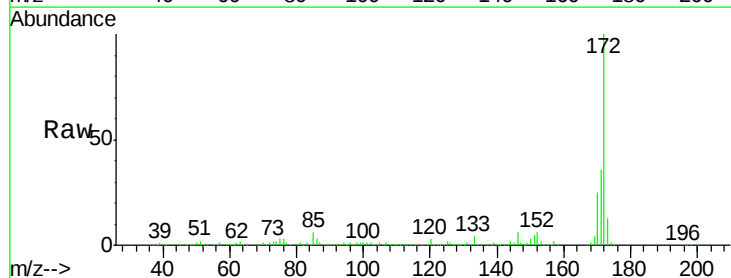
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 93.33 ng
RT: 8.90 min Scan# 640
Delta R.T. 0.01 min
Lab File: BF090134.D
Acq: 20 Sep 2016 13:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.2	43.8
170	24.9	19.8	29.8

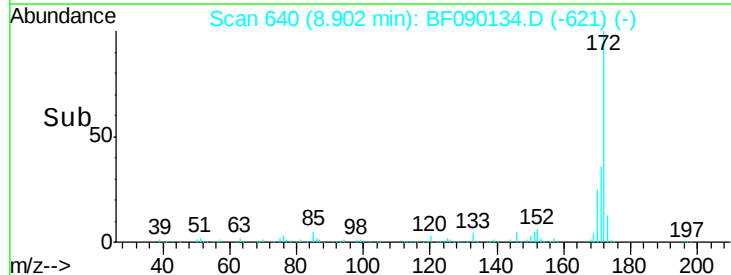
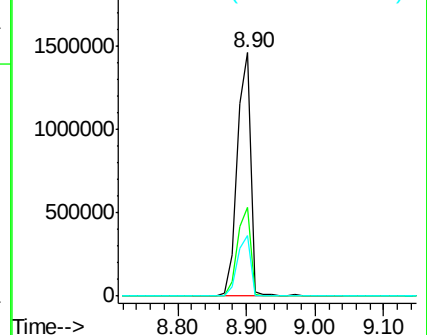


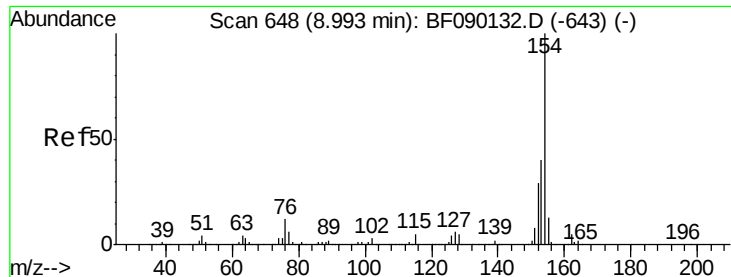
Abundance

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



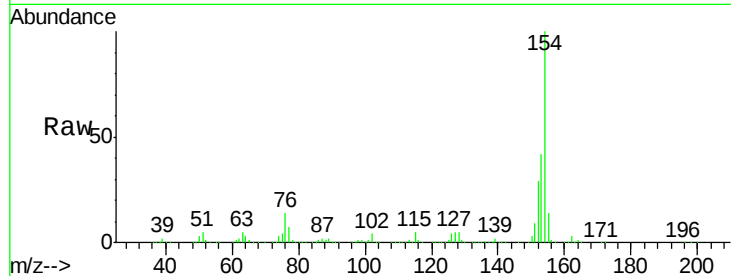


#45
 1,1'-Biphenyl
 Concen: 44.88 ng
 RT: 8.99 min Scan# 648
 Delta R.T. 0.00 min
 Lab File: BF090134.D
 Acq: 20 Sep 2016 13:04

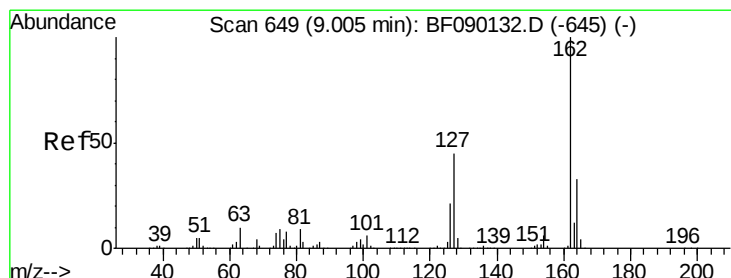
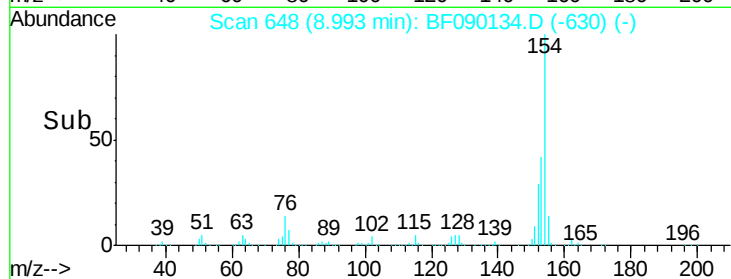
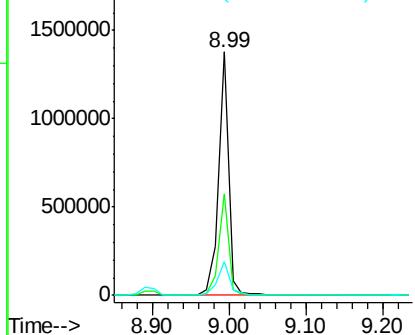
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1249905

Ion	Ratio	Lower	Upper
154	100		
153	41.7	20.6	60.6
76	13.8	0.0	36.7



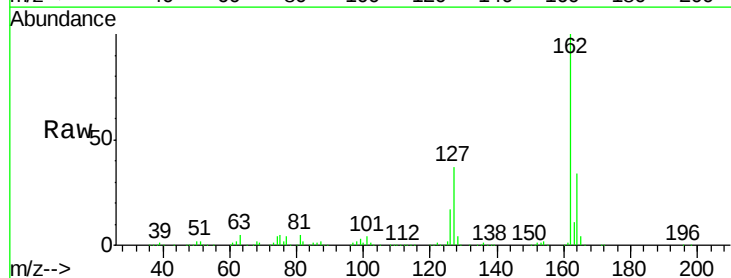
Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0



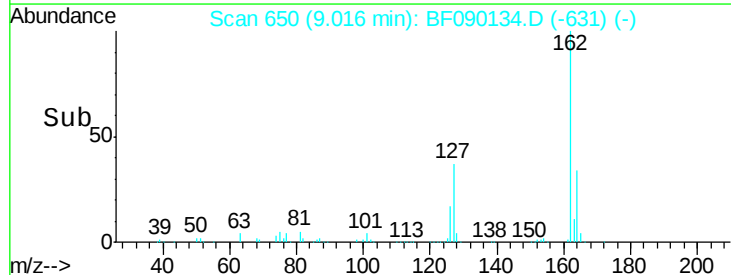
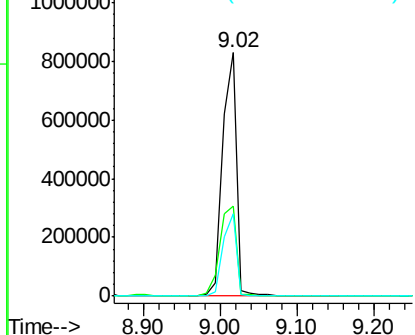
#46
 2-Chloronaphthalene
 Concen: 51.60 ng
 RT: 9.02 min Scan# 650
 Delta R.T. 0.01 min
 Lab File: BF090134.D
 Acq: 20 Sep 2016 13:04

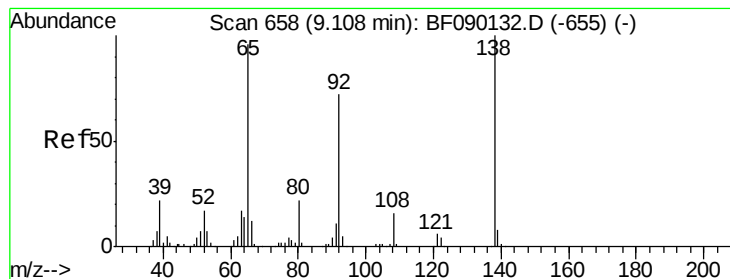
Tgt Ion:162 Resp: 1064766

Ion	Ratio	Lower	Upper
162	100		
127	36.8	34.0	51.0
164	34.0	26.8	40.2



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: 51.71 ng

RT: 9.12 min Scan# 659

Delta R.T. 0.01 min

Lab File: BF090134.D

Acq: 20 Sep 2016 13:04

Instrument :

BNA_F

ClientSampleId :

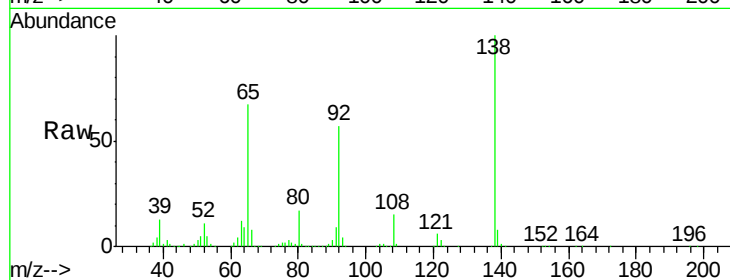
Tot Ion: 65 Resp: 340620

Ion Ratio Lower Upper

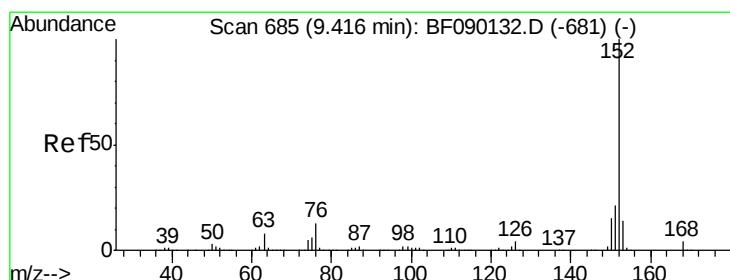
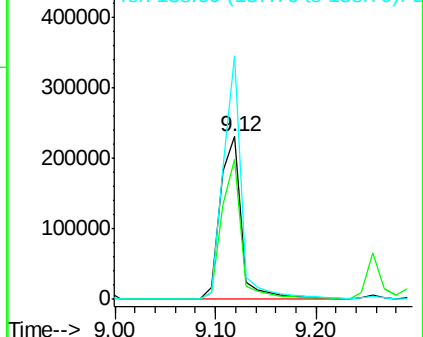
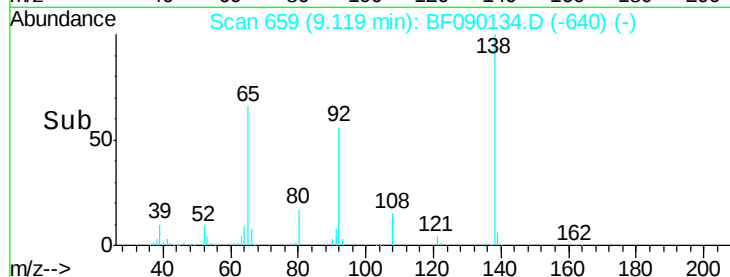
65 100

92 85.8 66.1 99.1

138 149.7 104.1 156.1



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): BF0



#48

Acenaphthylene

Concen: 44.31 ng

RT: 9.42 min Scan# 685

Delta R.T. 0.00 min

Lab File: BF090134.D

Acq: 20 Sep 2016 13:04

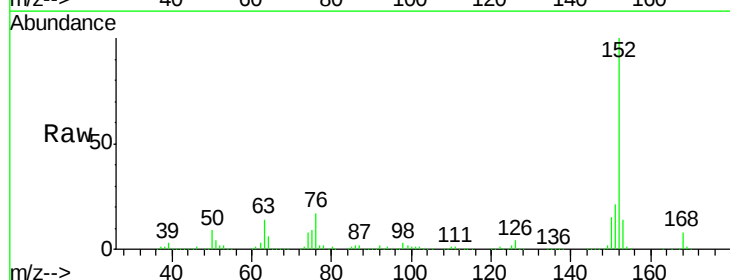
Tgt Ion:152 Resp: 1535456

Ion Ratio Lower Upper

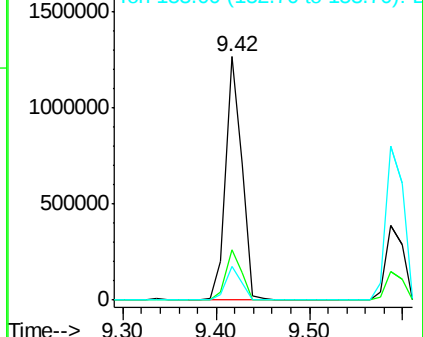
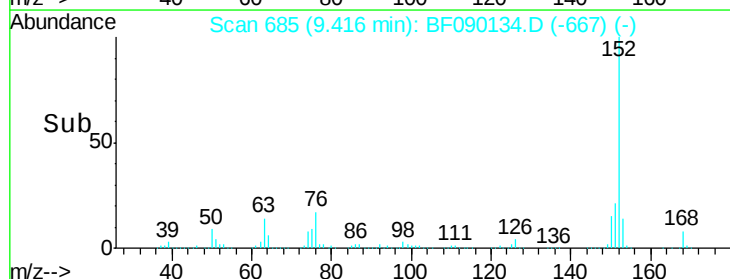
152 100

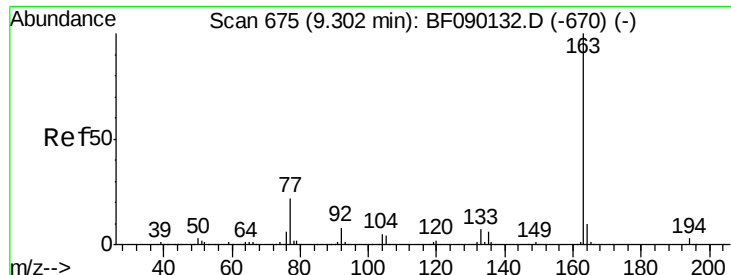
151 20.6 16.5 24.7

153 14.0 10.6 15.8



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

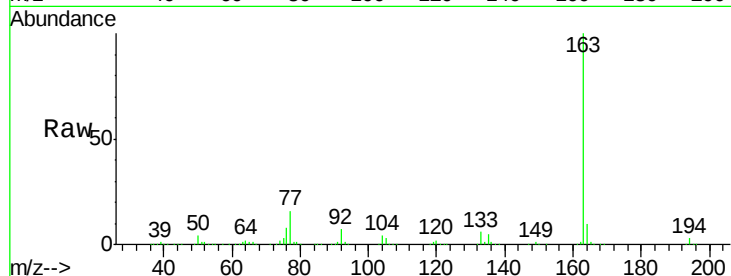




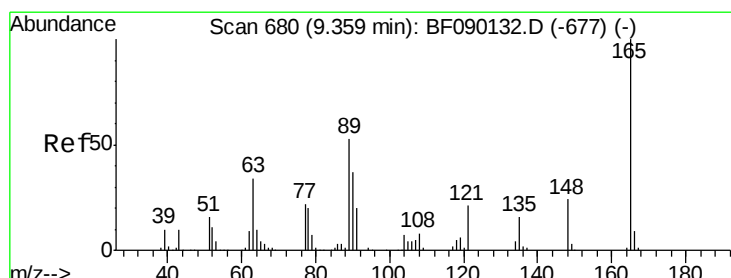
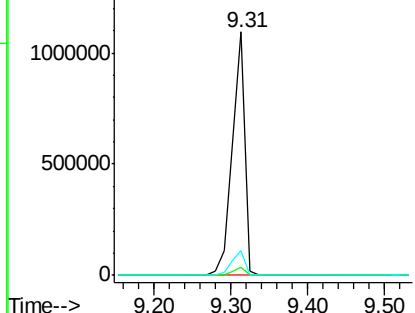
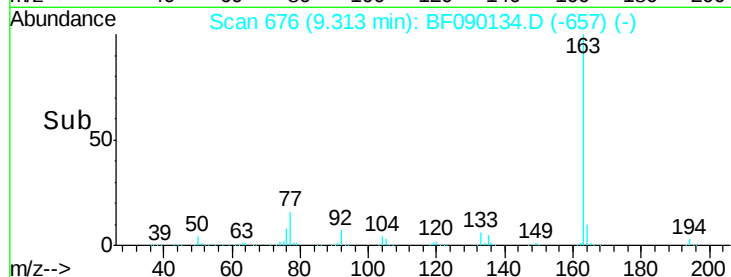
#49
Dimethylphthalate
Concen: 51.51 ng
RT: 9.31 min Scan# 676
Delta R.T. 0.01 min
Lab File: BF090134.D
Acq: 20 Sep 2016 13:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 1302035
Ion Ratio Lower Upper
163 100
194 3.5 2.8 4.2
164 10.0 8.1 12.1

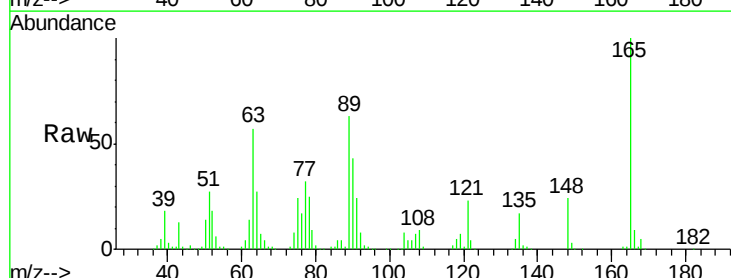


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

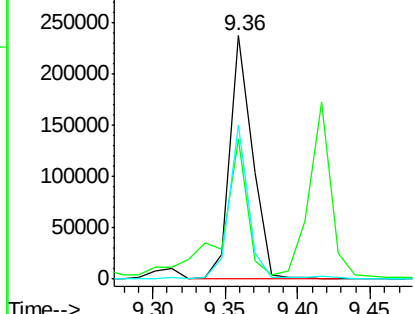
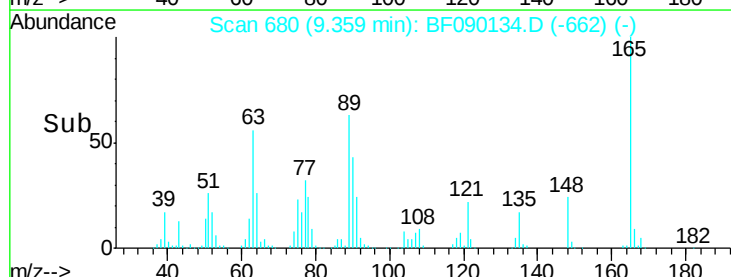


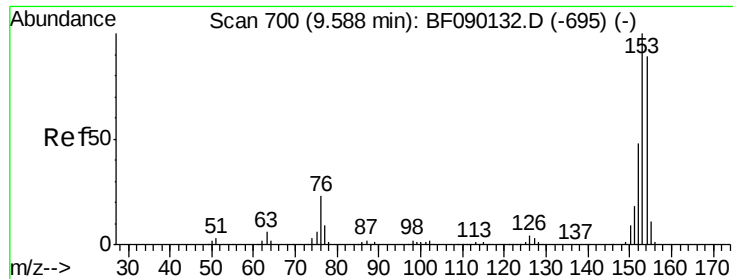
#50
2,6-Dinitrotoluene
Concen: 45.66 ng
RT: 9.36 min Scan# 680
Delta R.T. 0.00 min
Lab File: BF090134.D
Acq: 20 Sep 2016 13:04

Tgt Ion:165 Resp: 257909
Ion Ratio Lower Upper
165 100
63 57.2 49.9 74.9
89 63.1 51.0 76.4



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





#51

Acenaphthene

Concen: 48.07 ng

RT: 9.59 min Scan# 700

Delta R.T. 0.00 min

Lab File: BF090134.D

Acq: 20 Sep 2016 13:04

Instrument :

BNA_F

ClientSampleId :

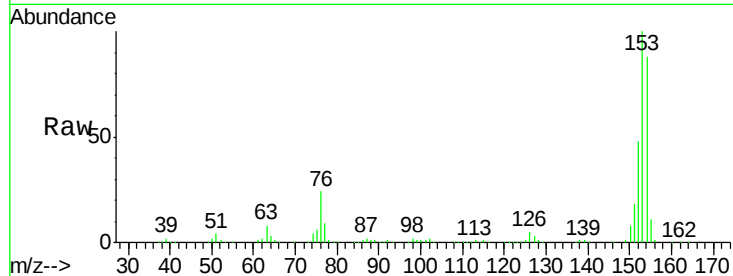
Tot Ion:154 Resp: 930382

Ion Ratio Lower Upper

154 100

153 113.3 90.8 136.2

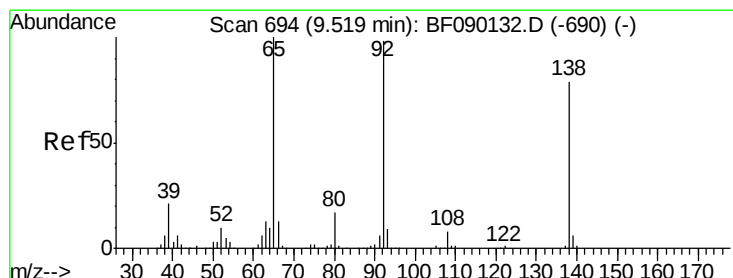
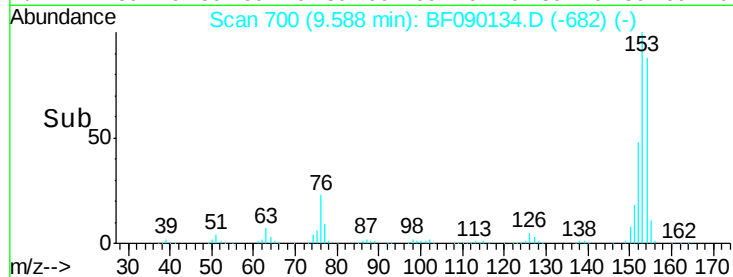
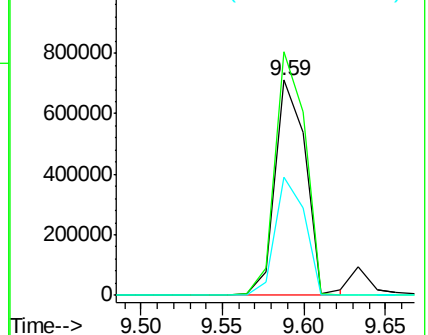
152 54.8 44.2 66.4



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: 53.77 ng

RT: 9.53 min Scan# 695

Delta R.T. 0.01 min

Lab File: BF090134.D

Acq: 20 Sep 2016 13:04

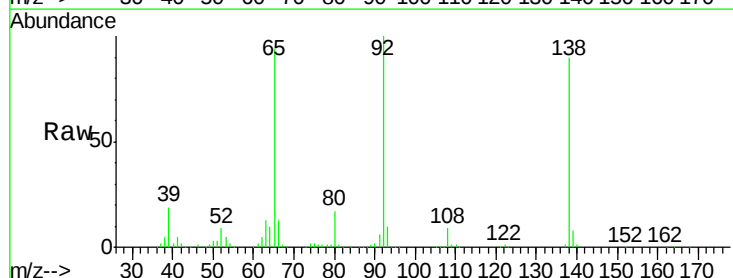
Tgt Ion:138 Resp: 369579

Ion Ratio Lower Upper

138 100

108 9.5 7.8 11.6

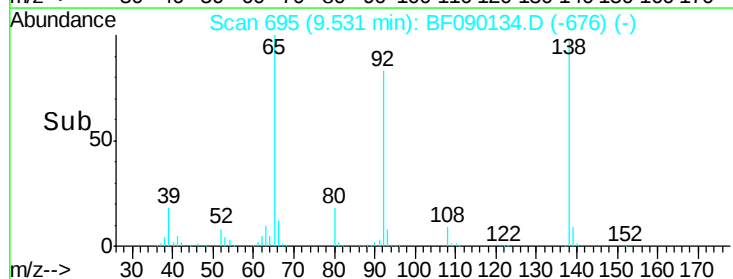
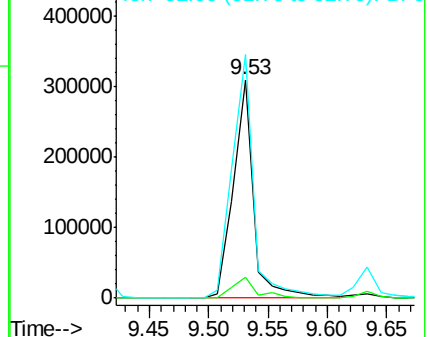
92 111.5 90.7 136.1

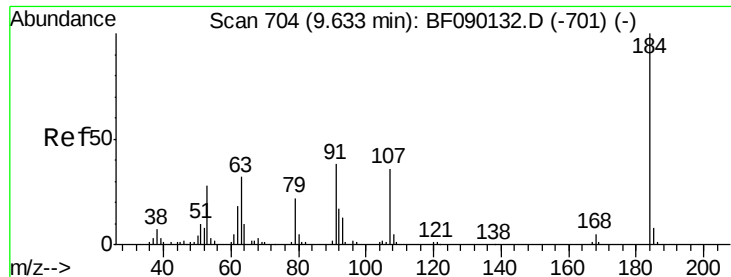


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

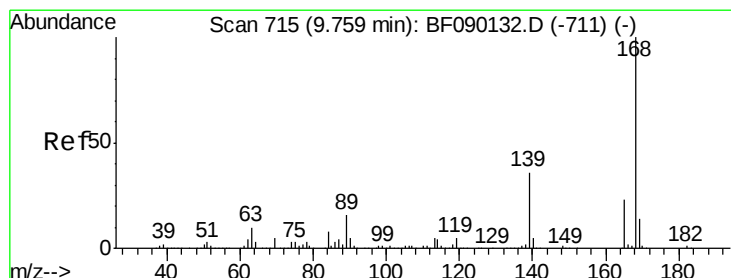
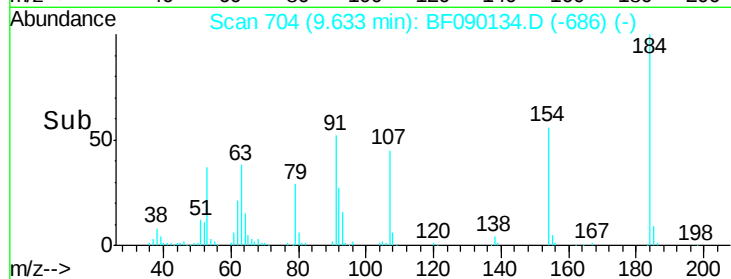
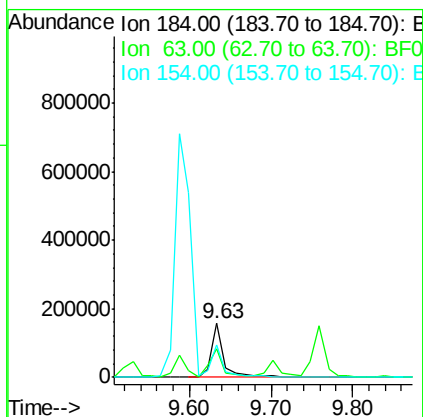
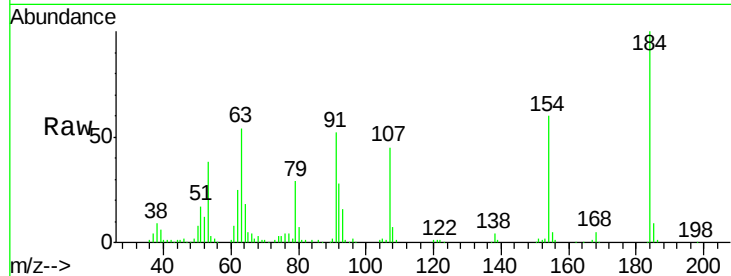




#53
2,4-Dinitrophenol
Concen: 54.54 ng
RT: 9.63 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF090134.D
Acq: 20 Sep 2016 13:04

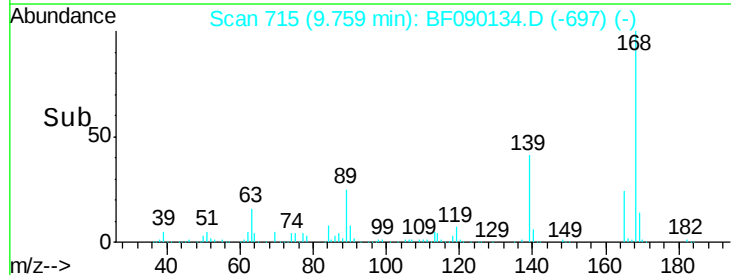
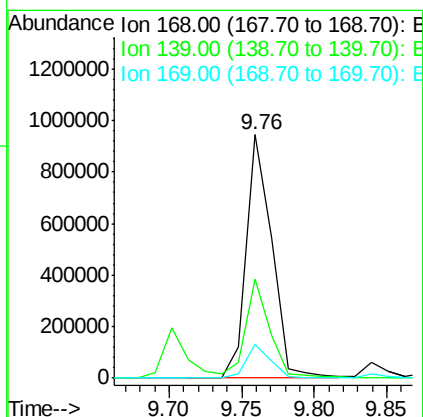
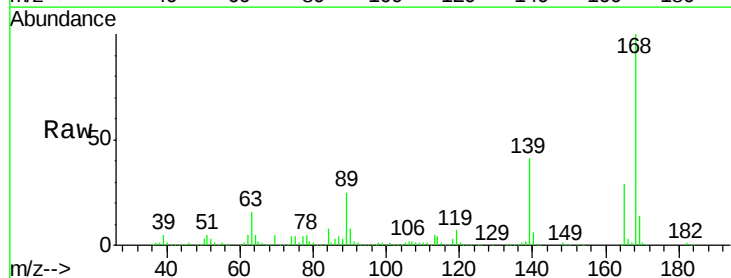
Instrument :
BNA_F
ClientSampleId :

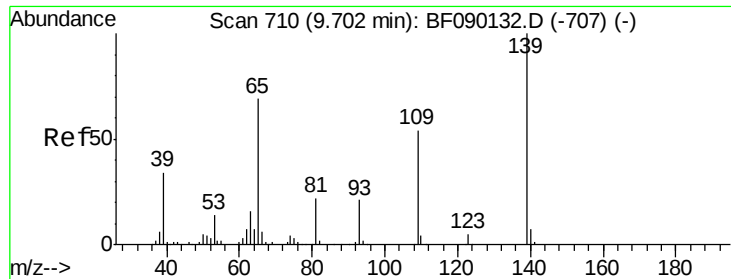
Tot Ion:184 Resp: 167512
Ion Ratio Lower Upper
184 100
63 53.6 44.6 67.0
154 59.6 49.7 74.5



#54
Dibenzofuran
Concen: 43.21 ng
RT: 9.76 min Scan# 715
Delta R.T. 0.00 min
Lab File: BF090134.D
Acq: 20 Sep 2016 13:04

Tgt Ion:168 Resp: 1156566
Ion Ratio Lower Upper
168 100
139 40.9 28.8 43.2
169 13.9 10.7 16.1





#55

4-Nitrophenol

Concen: 47.57 ng

RT: 9.70 min Scan# 710

Delta R.T. 0.00 min

Lab File: BF090134.D

Acq: 20 Sep 2016 13:04

Instrument :

BNA_F

ClientSampleId :

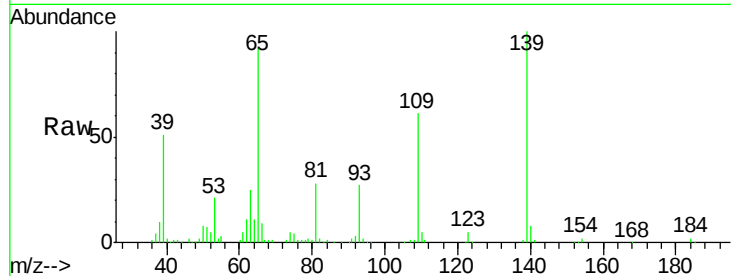
Tot Ion:139 Resp: 230100

Ion Ratio Lower Upper

139 100

109 60.9 35.6 75.6

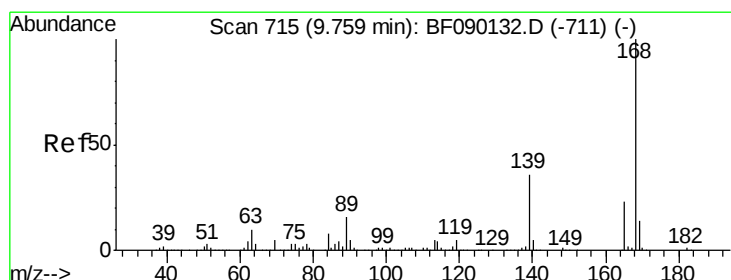
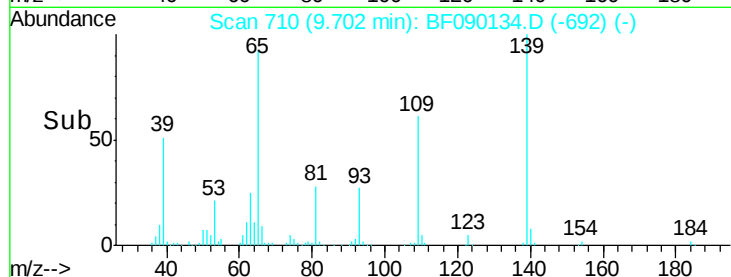
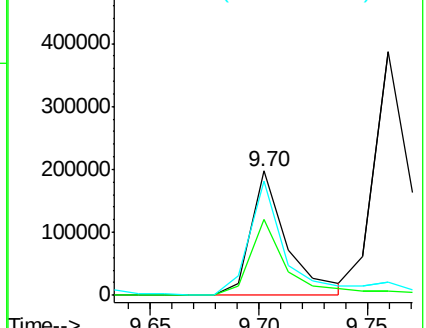
65 91.9 55.5 95.5



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 42.21 ng

RT: 9.76 min Scan# 715

Delta R.T. 0.00 min

Lab File: BF090134.D

Acq: 20 Sep 2016 13:04

Tgt Ion:165 Resp: 290687

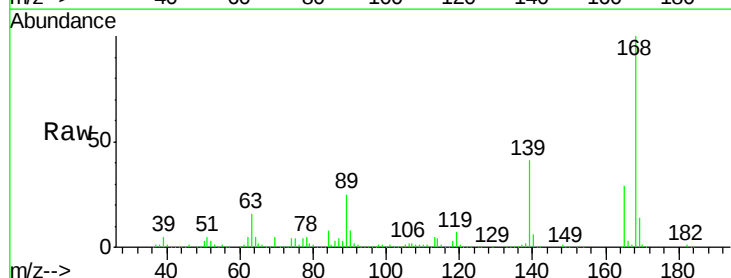
Ion Ratio Lower Upper

165 100

63 55.2 44.4 66.6

89 85.1 70.1 105.1

182 1.9 1.7 2.5

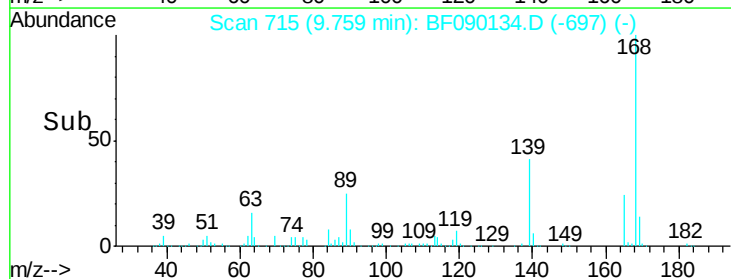
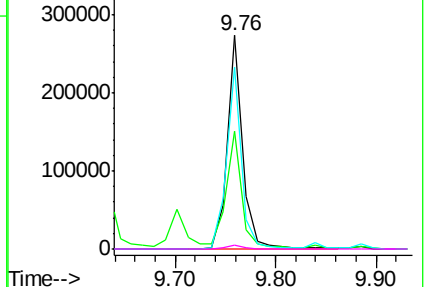


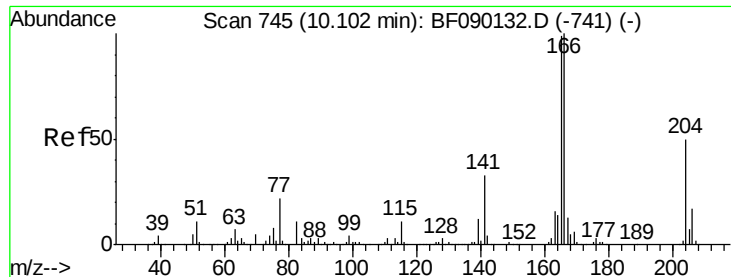
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 40.26 ng

RT: 10.10 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF090134.D

Acq: 20 Sep 2016 13:04

Instrument :

BNA_F

ClientSampled :

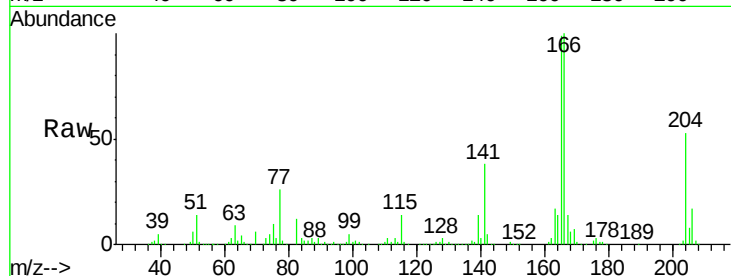
Tot Ion:166 Resp: 845399

Ion Ratio Lower Upper

166 100

165 99.0 78.5 117.7

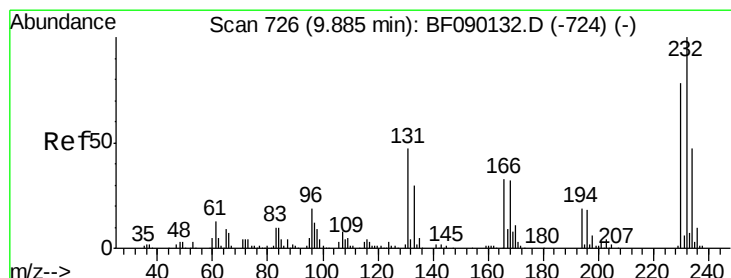
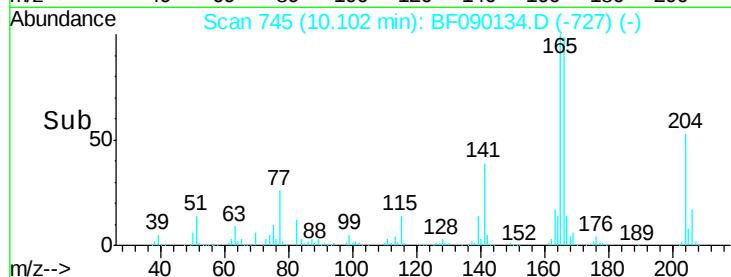
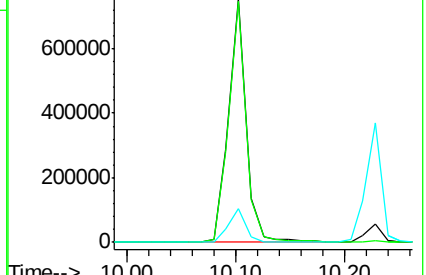
167 14.1 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 45.54 ng

RT: 9.88 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF090134.D

Acq: 20 Sep 2016 13:04

Tgt Ion:232 Resp: 236968

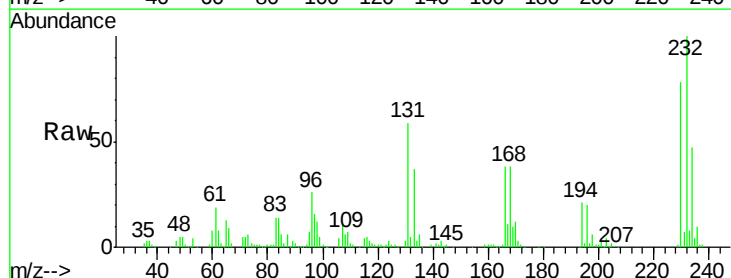
Ion Ratio Lower Upper

232 100

131 52.7 42.2 63.4

130 2.4 1.9 2.9

166 34.7 26.4 39.6

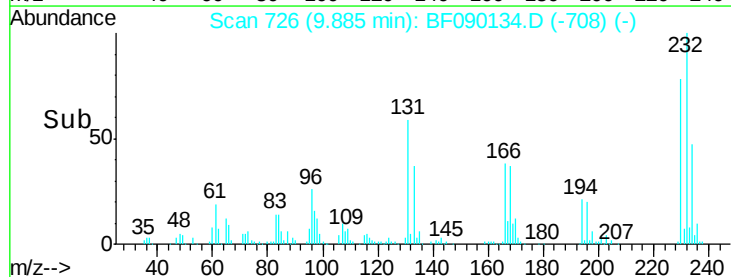
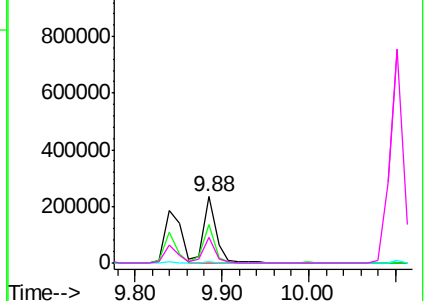


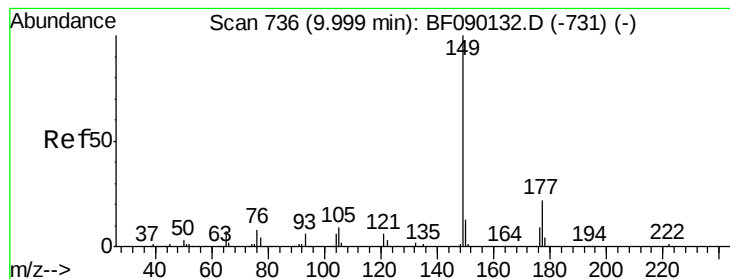
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 44.28 ng

RT: 10.00 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF090134.D

Acq: 20 Sep 2016 13:04

Instrument :

BNA_F

ClientSampled :

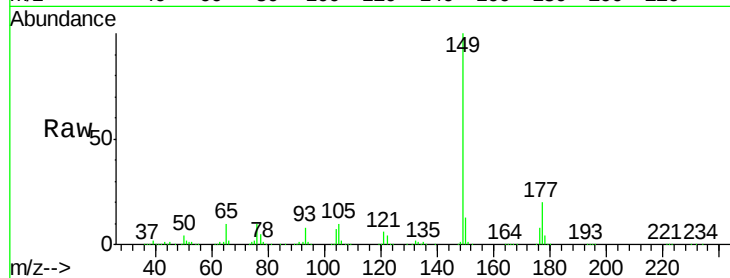
Tot Ion:149 Resp: 1083711

Ion Ratio Lower Upper

149 100

177 20.2 15.8 23.6

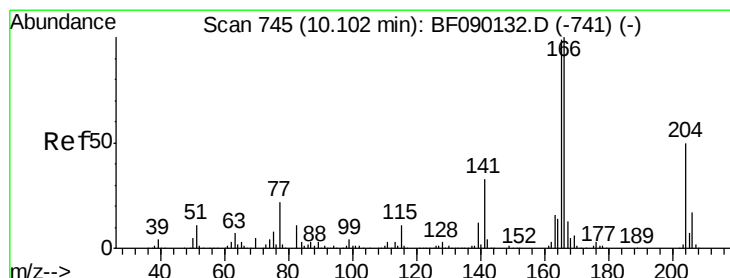
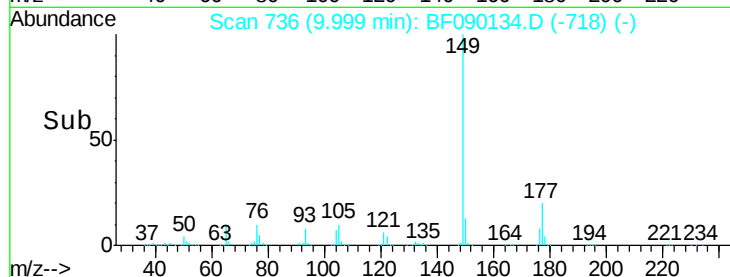
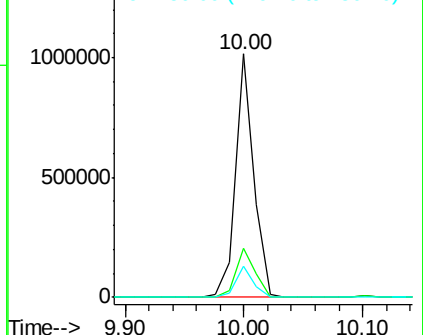
150 13.0 10.4 15.6



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: 41.37 ng

RT: 10.10 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF090134.D

Acq: 20 Sep 2016 13:04

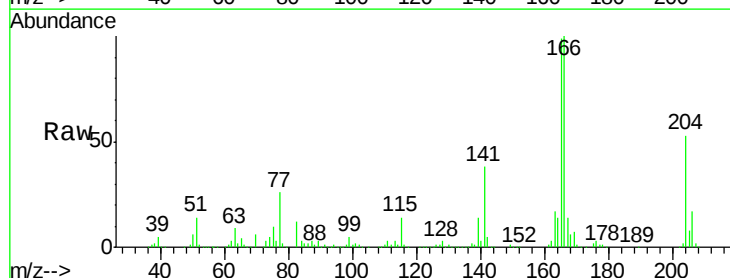
Tgt Ion:204 Resp: 366305

Ion Ratio Lower Upper

204 100

206 32.6 25.6 38.4

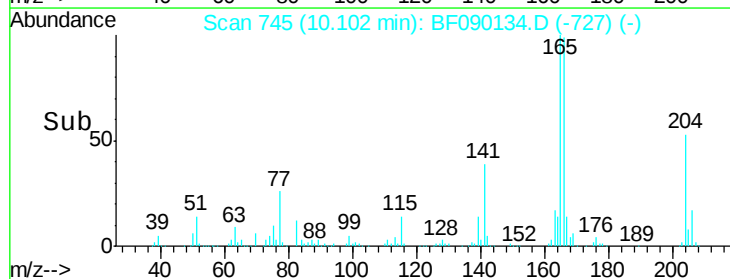
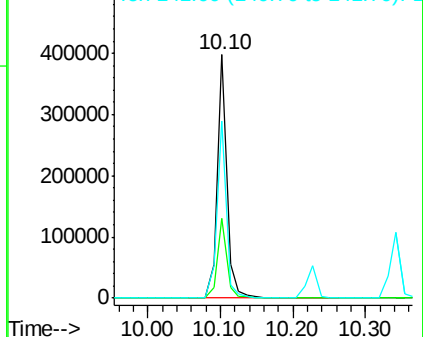
141 72.5 64.4 96.6

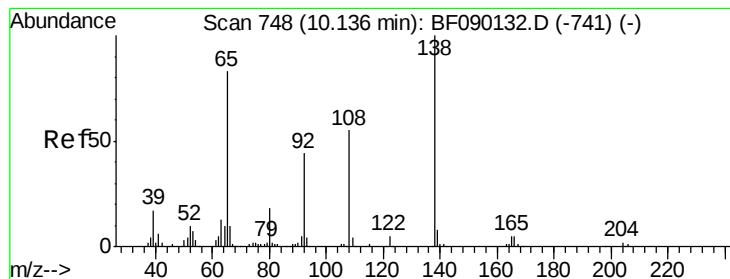


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 52.36 ng

RT: 10.15 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF090134.D

Acq: 20 Sep 2016 13:04

Instrument :

BNA_F

ClientSampled :

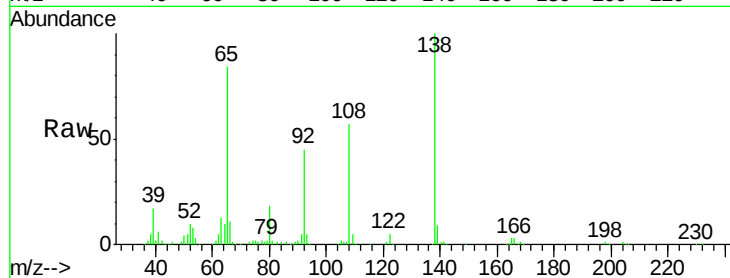
Tot Ion:138 Resp: 364285

Ion Ratio Lower Upper

138 100

92 45.1 23.8 63.8

108 56.9 35.0 75.0

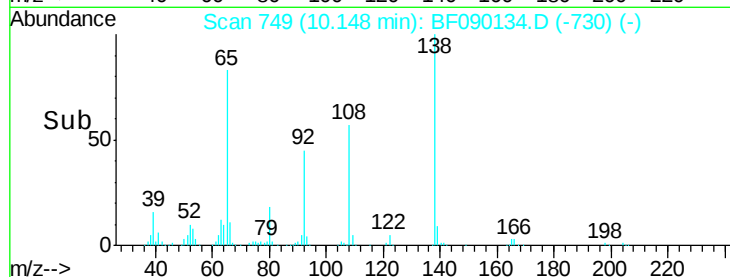


Abundance Ion 138.00 (137.70 to 138.70): E

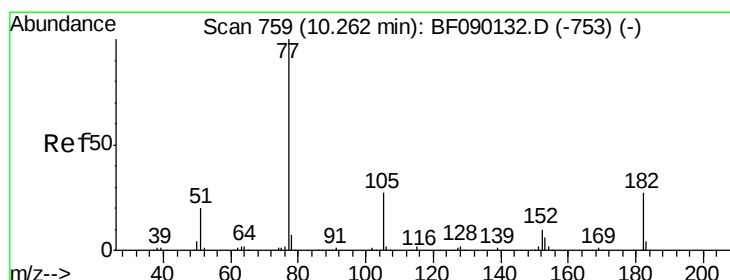
Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E

Time-->



Time-->



#62

Azobenzene

Concen: 50.00 ng

RT: 10.26 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF090134.D

Acq: 20 Sep 2016 13:04

Tgt Ion: 77 Resp: 1284220

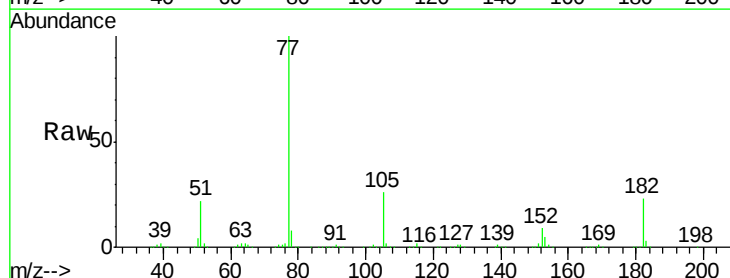
Ion Ratio Lower Upper

77 100

182 23.1 0.0 38.4

105 26.1 3.8 43.8

51 21.8 2.6 42.6



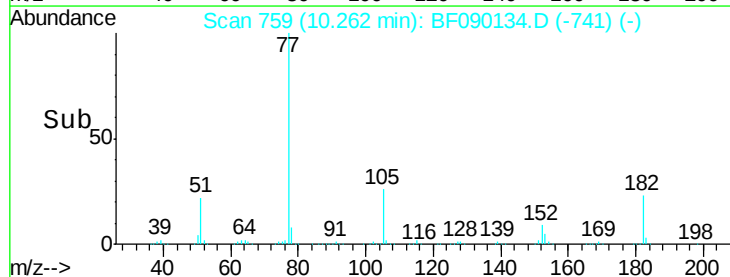
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

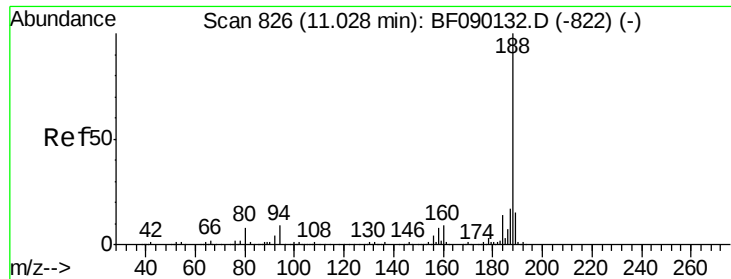
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

Time-->



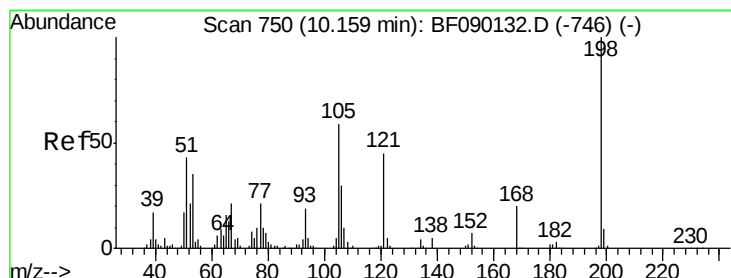
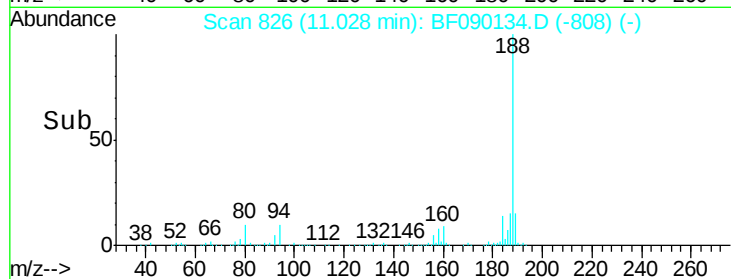
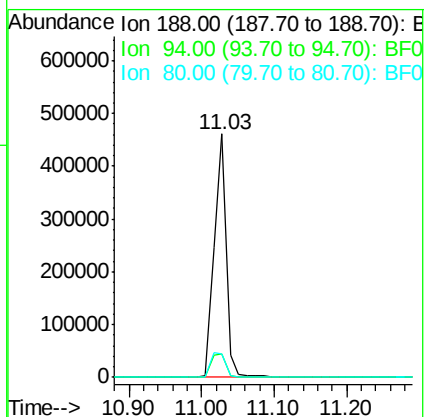
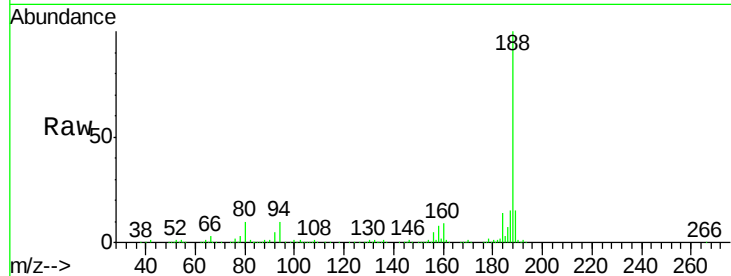
Time-->



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.03 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF090134.D
Acq: 20 Sep 2016 13:04

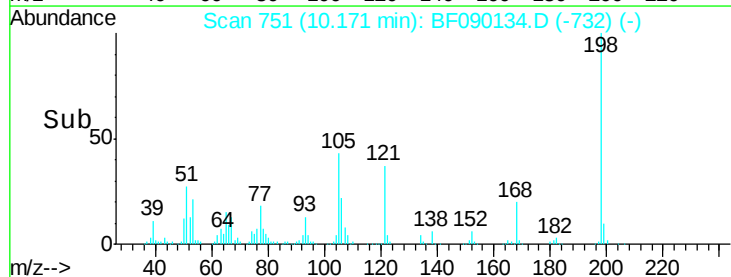
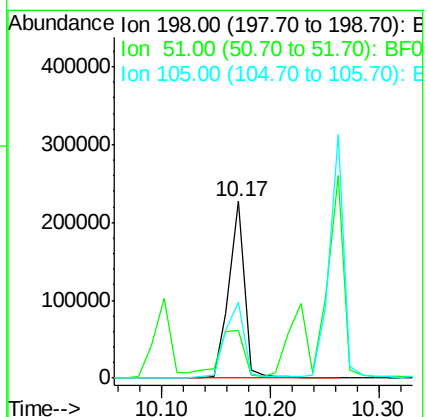
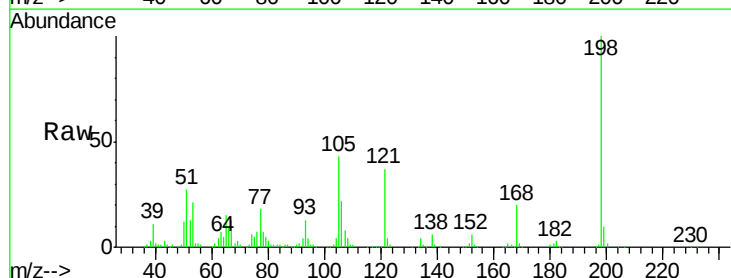
Instrument :
BNA_F
ClientSampleId :

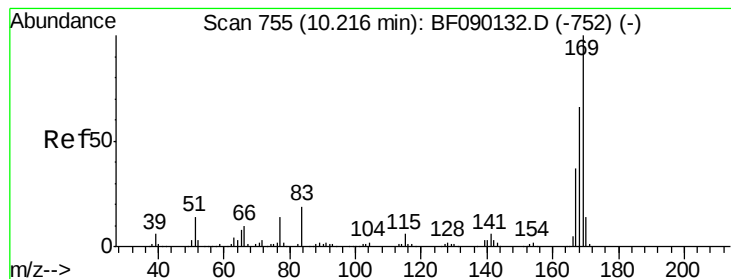
Tot Ion:188 Resp: 533704
Ion Ratio Lower Upper
188 100
94 9.7 10.5 15.7#
80 9.7 11.2 16.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 70.16 ng
RT: 10.17 min Scan# 751
Delta R.T. 0.01 min
Lab File: BF090134.D
Acq: 20 Sep 2016 13:04

Tgt Ion:198 Resp: 229136
Ion Ratio Lower Upper
198 100
51 27.3 5.5 45.5
105 42.8 21.8 61.8





#65

n-Nitrosodiphenylamine

Concen: 57.36 ng

RT: 10.23 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF090134.D

Acq: 20 Sep 2016 13:04

Instrument :

BNA_F

ClientSampleId :

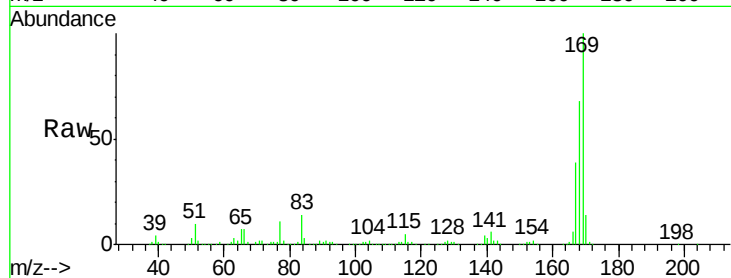
Tot Ion:169 Resp: 969974

Ion Ratio Lower Upper

169 100

168 68.5 54.2 81.4

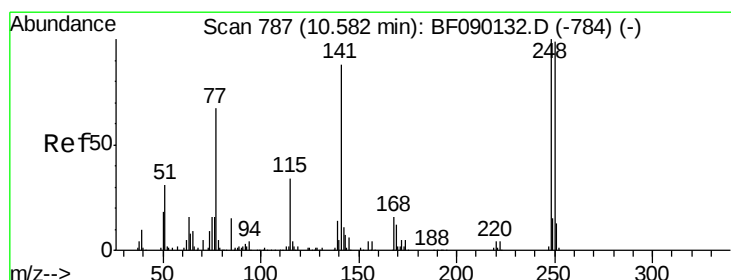
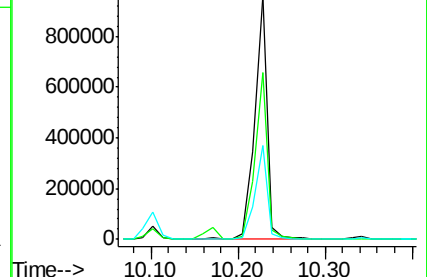
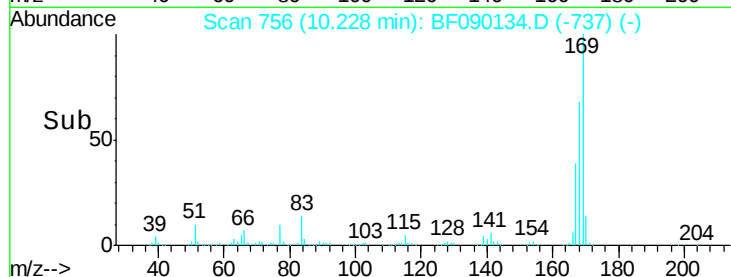
167 38.7 30.3 45.5



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: 56.36 ng

RT: 10.58 min Scan# 787

Delta R.T. 0.00 min

Lab File: BF090134.D

Acq: 20 Sep 2016 13:04

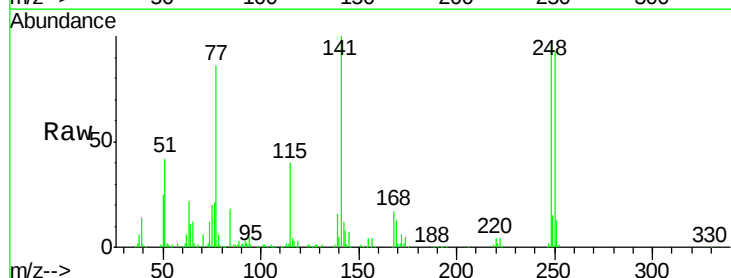
Tgt Ion:248 Resp: 289970

Ion Ratio Lower Upper

248 100

250 97.0 79.4 119.2

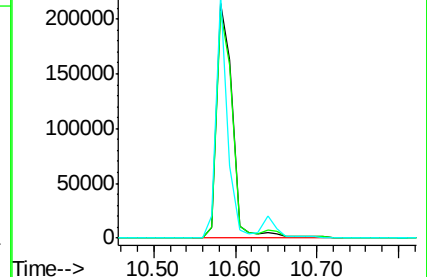
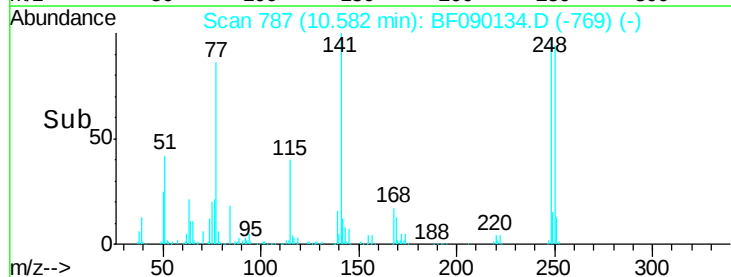
141 103.8 49.3 73.9#

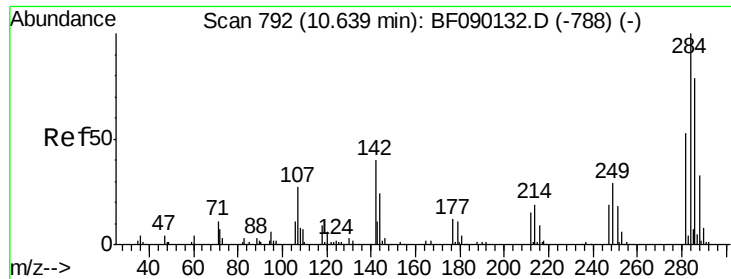


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

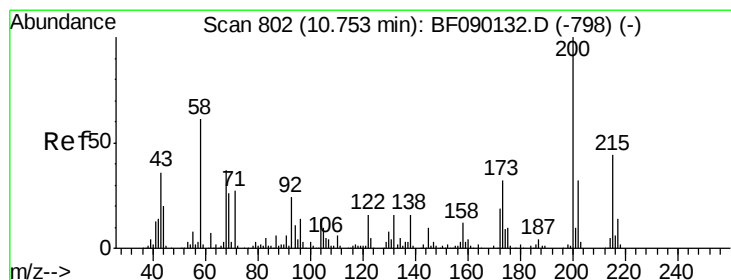
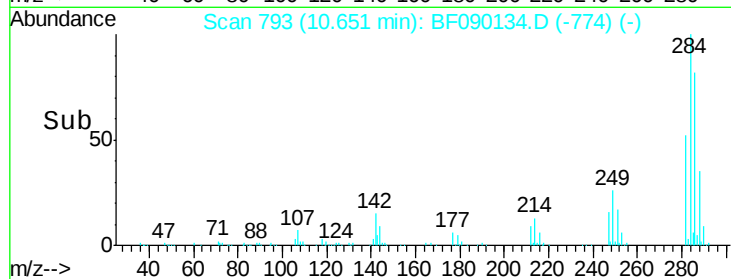
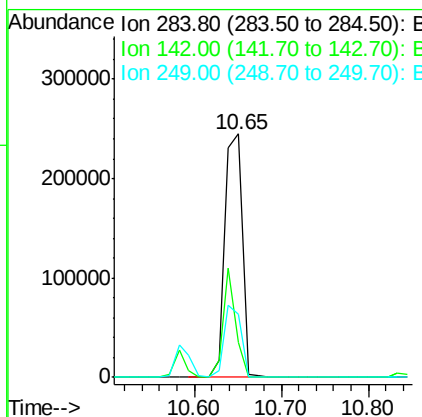
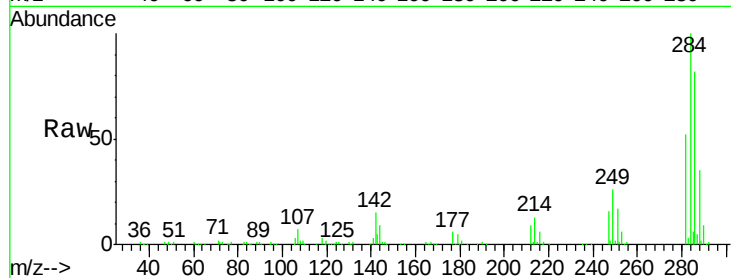




#67
Hexachlorobenzene
Concen: 56.65 ng
RT: 10.65 min Scan# 793
Delta R.T. 0.01 min
Lab File: BF090134.D
Acq: 20 Sep 2016 13:04

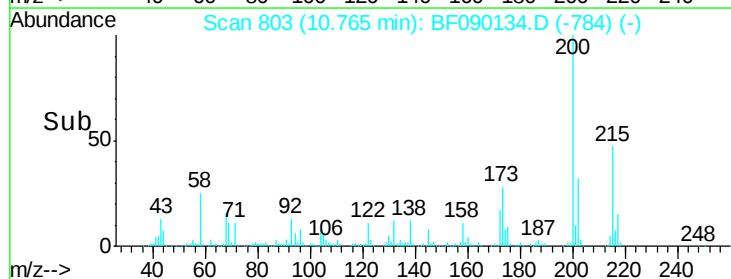
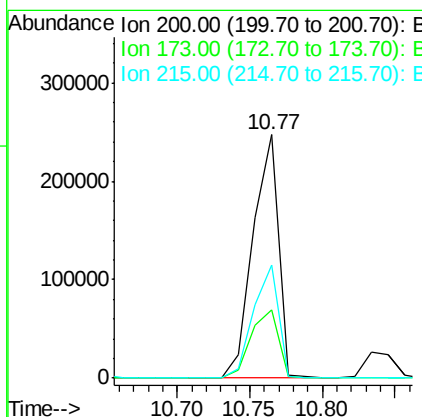
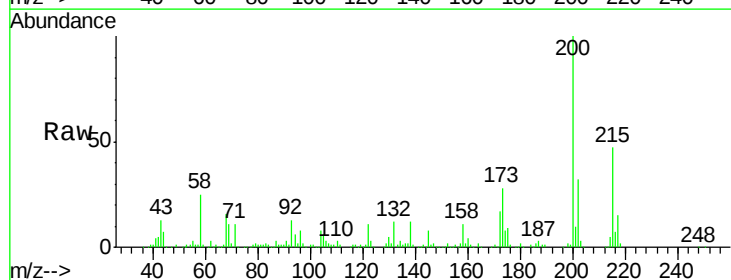
Instrument :
BNA_F
ClientSampleId :

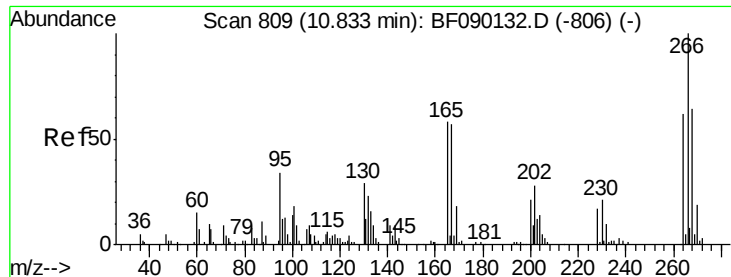
Tot Ion:284 Resp: 343462
Ion Ratio Lower Upper
284 100
142 14.5 24.0 36.0#
249 25.9 23.8 35.6



#68
Atrazine
Concen: 60.35 ng
RT: 10.77 min Scan# 803
Delta R.T. 0.01 min
Lab File: BF090134.D
Acq: 20 Sep 2016 13:04

Tgt Ion:200 Resp: 303272
Ion Ratio Lower Upper
200 100
173 28.0 9.3 49.3
215 46.7 26.1 66.1

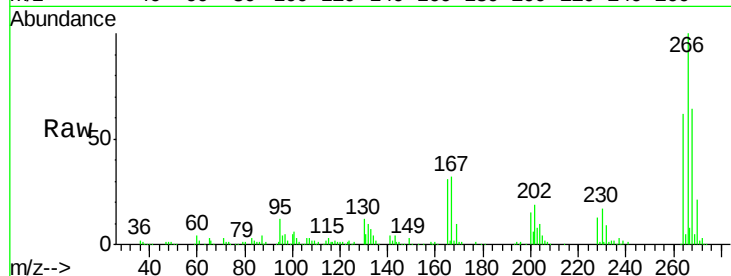




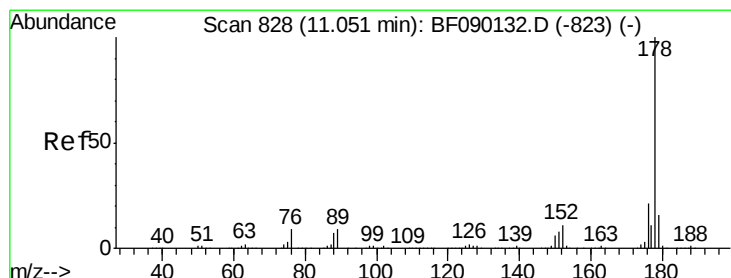
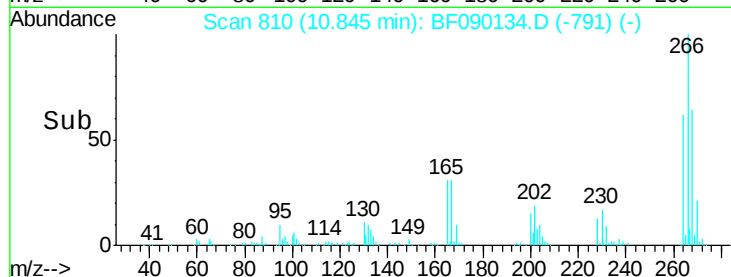
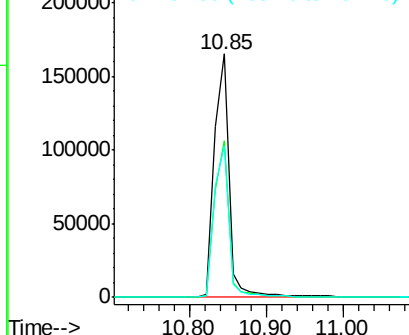
#69
 Pentachlorophenol
 Concen: 62.22 ng
 RT: 10.85 min Scan# 810
 Delta R.T. 0.01 min
 Lab File: BF090134.D
 Acq: 20 Sep 2016 13:04

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 220990
 Ion Ratio Lower Upper
 266 100
 268 64.3 52.1 78.1
 264 62.5 50.3 75.5

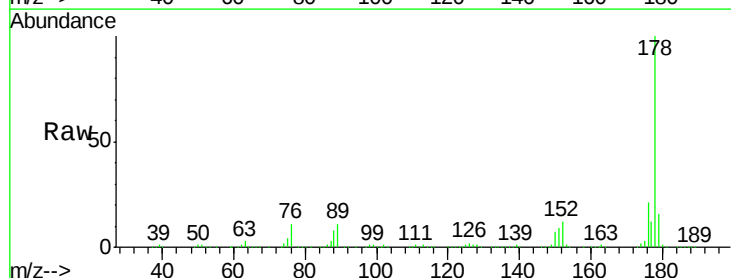


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

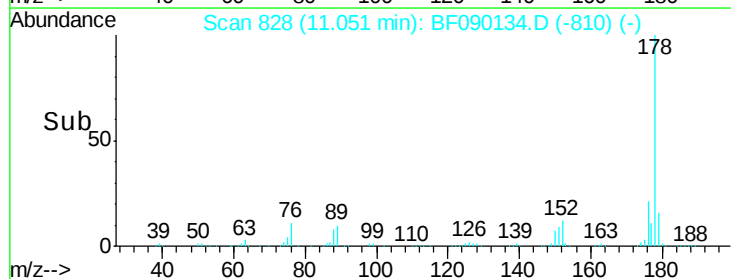
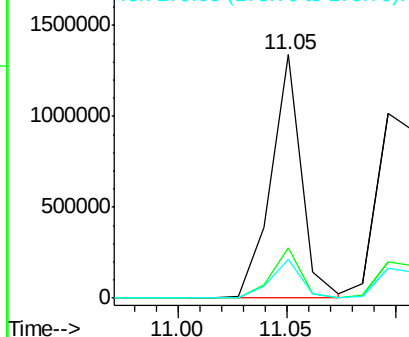


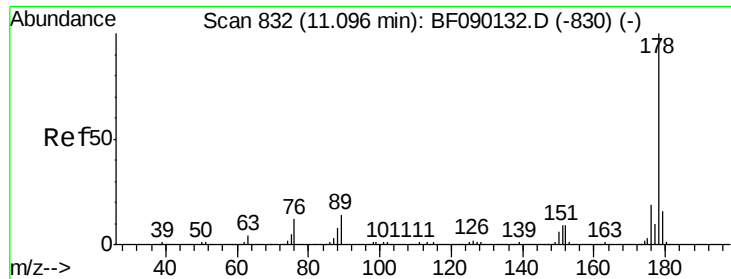
#70
 Phenanthrene
 Concen: 50.61 ng
 RT: 11.05 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF090134.D
 Acq: 20 Sep 2016 13:04

Tgt Ion:178 Resp: 1305371
 Ion Ratio Lower Upper
 178 100
 176 20.8 15.9 23.9
 179 16.1 12.9 19.3



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

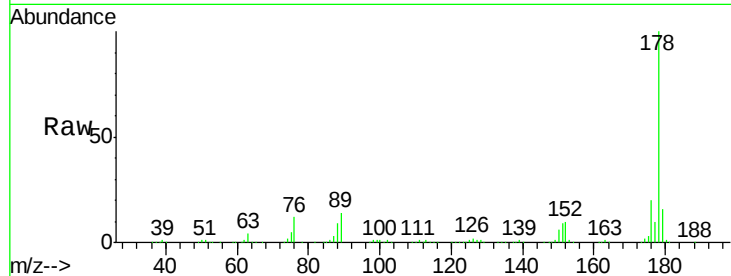




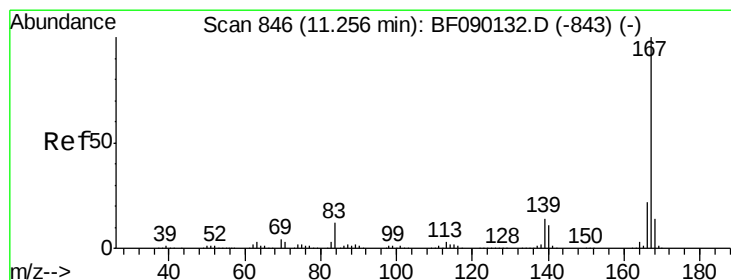
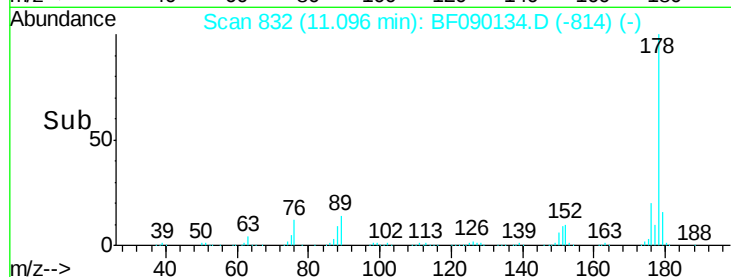
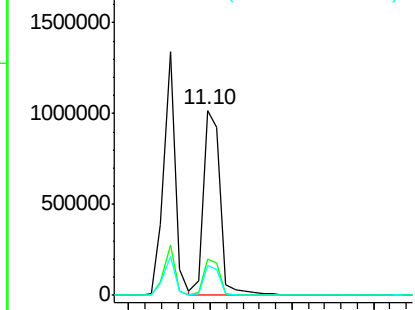
#71
 Anthracene
 Concen: 52.84 ng
 RT: 11.10 min Scan# 832
 Delta R.T. 0.00 min
 Lab File: BF090134.D
 Acq: 20 Sep 2016 13:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 1487929
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.8 23.6
 179 15.9 12.6 19.0

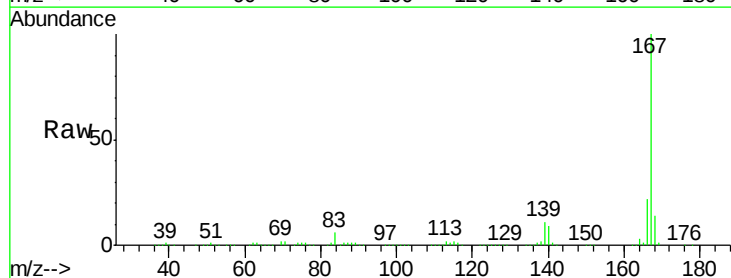


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

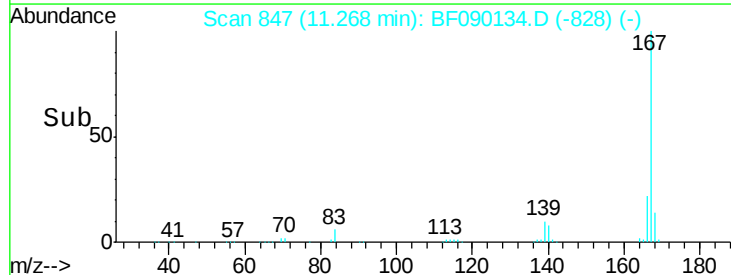
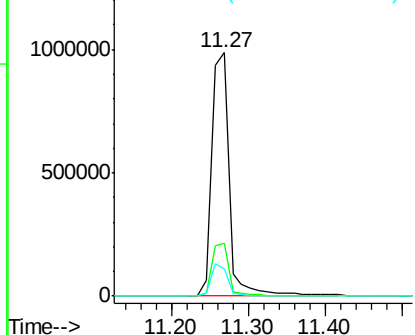


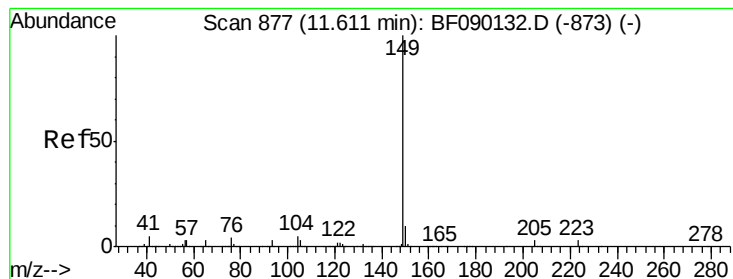
#72
 Carbazole
 Concen: 53.90 ng
 RT: 11.27 min Scan# 847
 Delta R.T. 0.01 min
 Lab File: BF090134.D
 Acq: 20 Sep 2016 13:04

Tgt Ion:167 Resp: 1556998
 Ion Ratio Lower Upper
 167 100
 166 21.9 18.0 27.0
 139 11.5 10.4 15.6



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: 52.41 ng

RT: 11.61 min Scan# 877

Delta R.T. 0.00 min

Lab File: BF090134.D

Acq: 20 Sep 2016 13:04

Instrument :

BNA_F

ClientSampled :

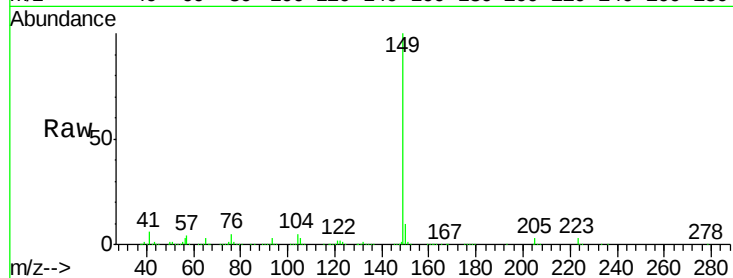
Tot Ion:149 Resp: 1697886

Ion Ratio Lower Upper

149 100

150 9.9 7.8 11.8

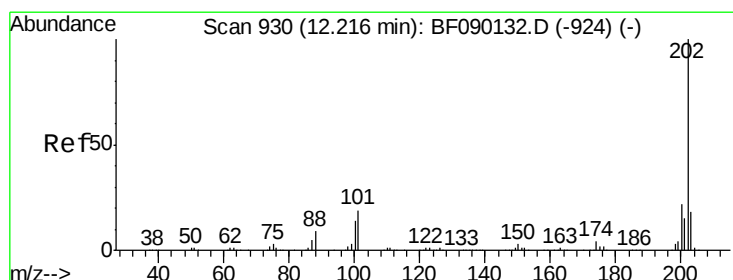
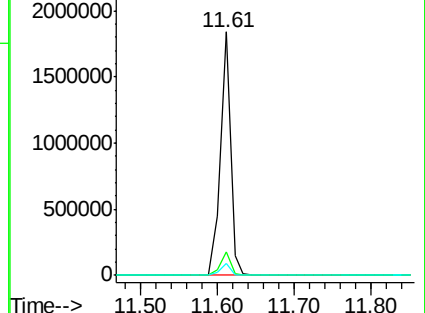
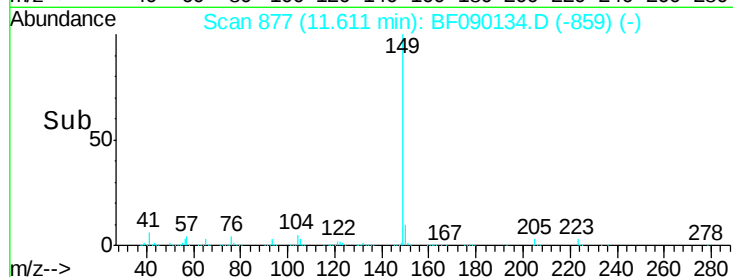
104 4.8 3.9 5.9



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: 55.93 ng

RT: 12.23 min Scan# 931

Delta R.T. 0.01 min

Lab File: BF090134.D

Acq: 20 Sep 2016 13:04

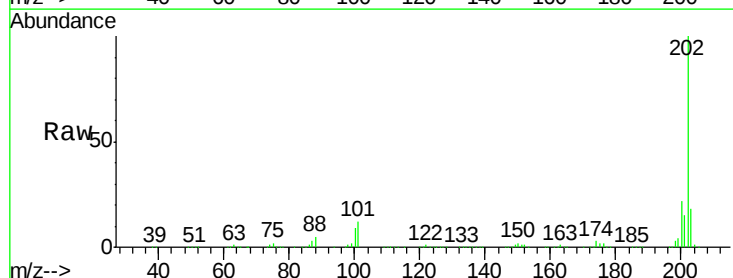
Tgt Ion:202 Resp: 1511300

Ion Ratio Lower Upper

202 100

101 11.9 0.0 36.1

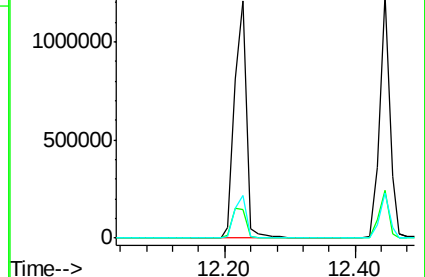
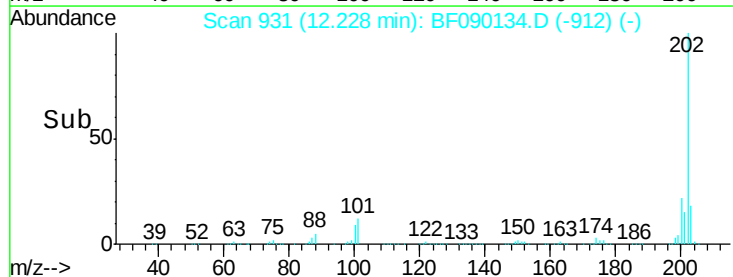
203 17.8 0.0 38.2

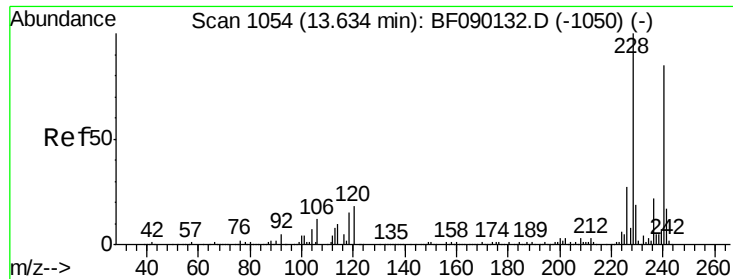


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.63 min Scan# 1054

Delta R.T. 0.00 min

Lab File: BF090134.D

Acq: 20 Sep 2016 13:04

Instrument :

BNA_F

ClientSampleId :

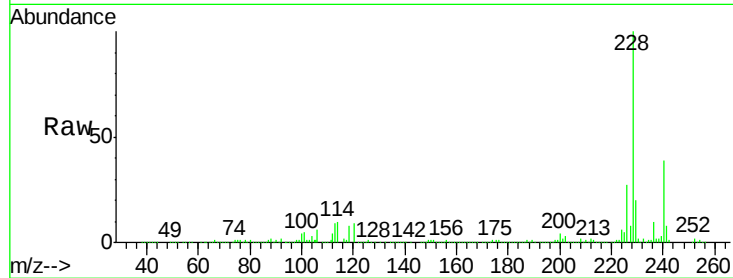
Tot Ion:240 Resp: 352277

Ion Ratio Lower Upper

240 100

120 23.0 10.6 16.0#

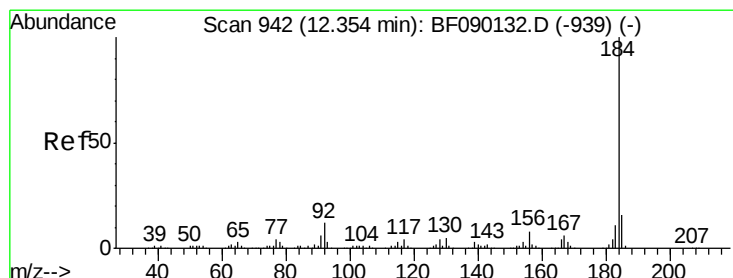
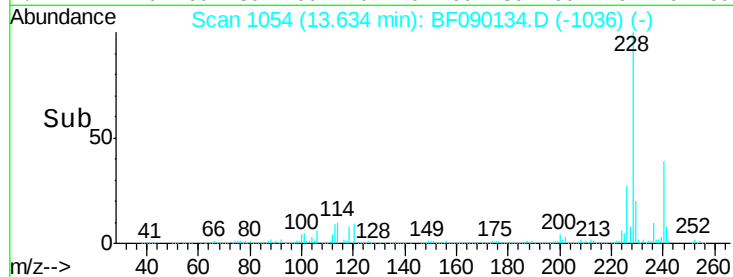
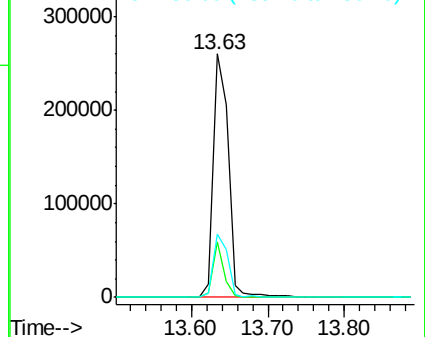
236 25.7 21.6 32.4



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: 51.65 ng

RT: 12.35 min Scan# 942

Delta R.T. 0.00 min

Lab File: BF090134.D

Acq: 20 Sep 2016 13:04

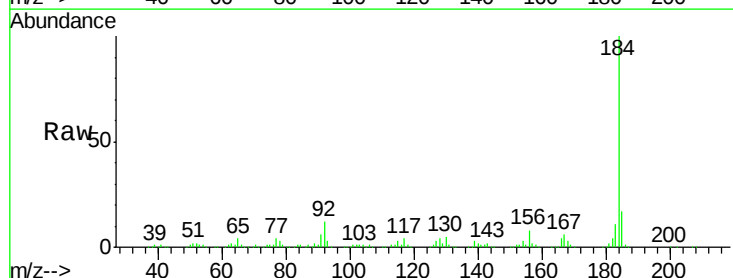
Tgt Ion:184 Resp: 742196

Ion Ratio Lower Upper

184 100

185 16.9 13.2 19.8

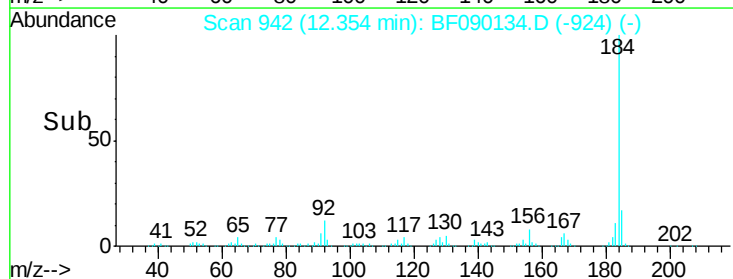
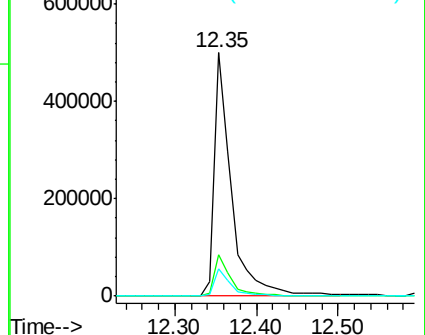
183 11.3 9.2 13.8

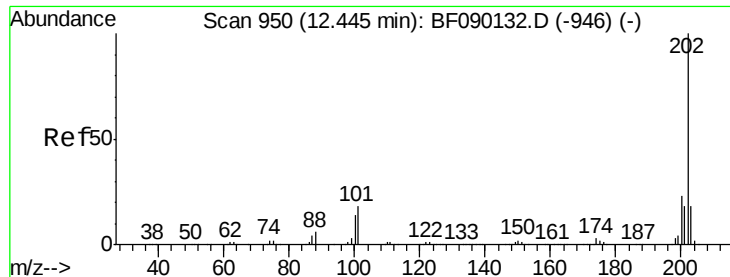


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

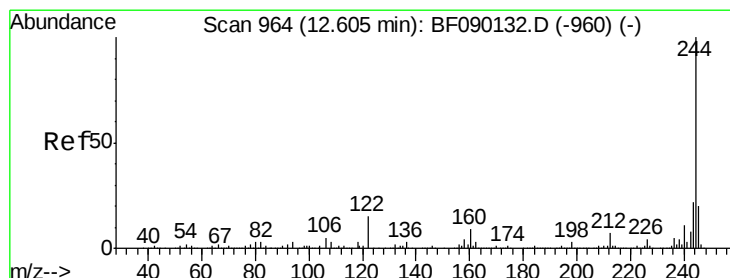
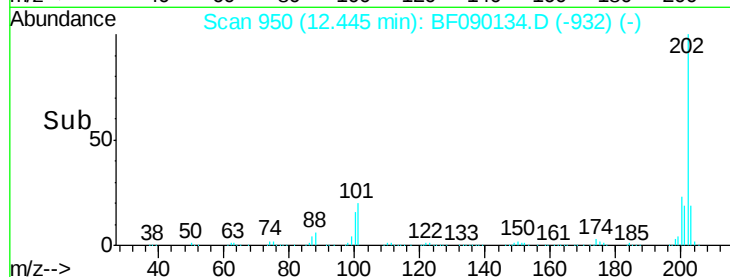
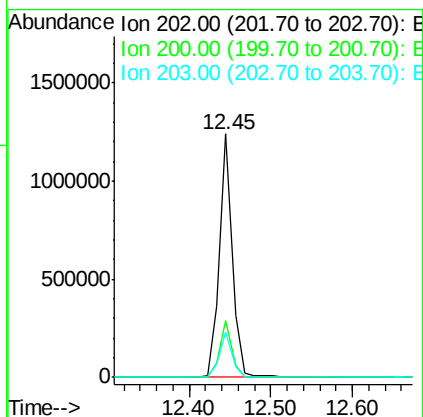
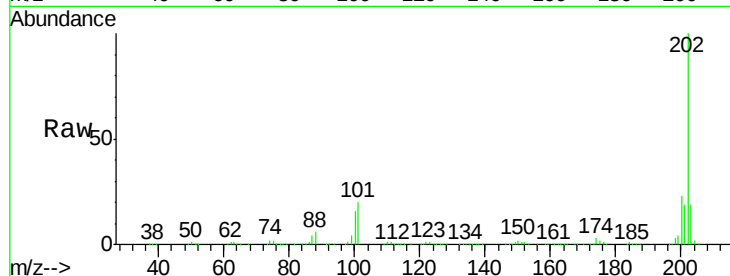




#77
Pvrene
Concen: 52.42 ng
RT: 12.45 min Scan# 950
Delta R.T. 0.00 min
Lab File: BF090134.D
Acq: 20 Sep 2016 13:04

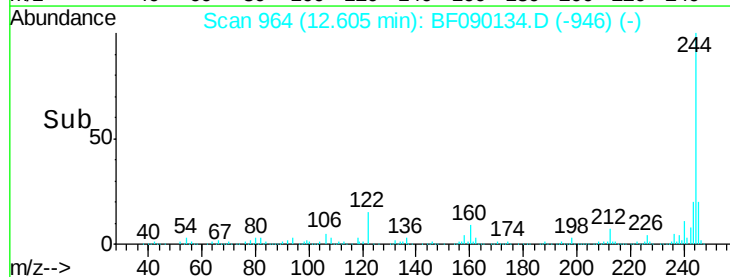
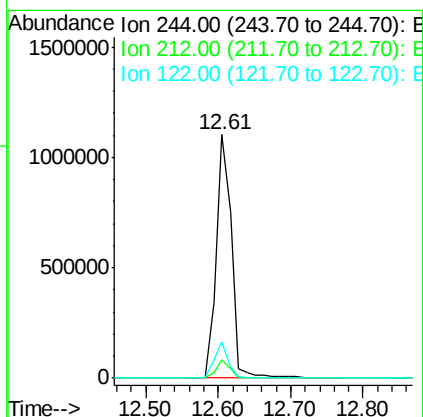
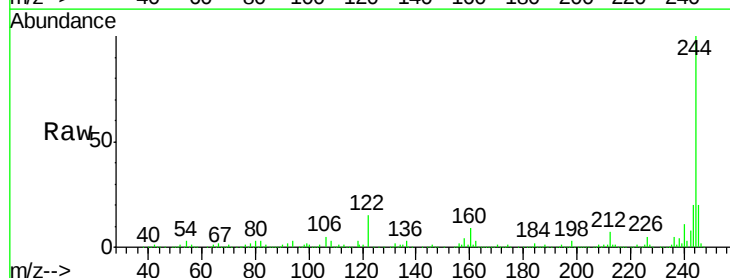
Instrument :
BNA_F
ClientSampleId :

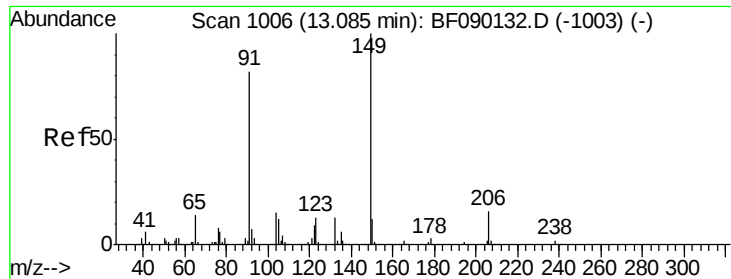
Tot Ion:202 Resp: 1347782
Ion Ratio Lower Upper
202 100
200 23.2 17.9 26.9
203 18.6 14.2 21.4



#78
Terphenyl-d14
Concen: 108.12 ng
RT: 12.61 min Scan# 964
Delta R.T. 0.00 min
Lab File: BF090134.D
Acq: 20 Sep 2016 13:04

Tgt Ion:244 Resp: 1603801
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.8
122 15.0 9.4 14.0#

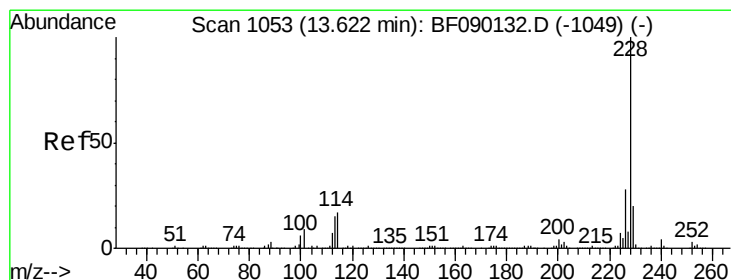
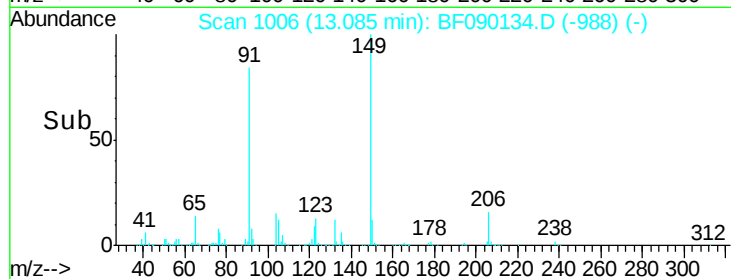
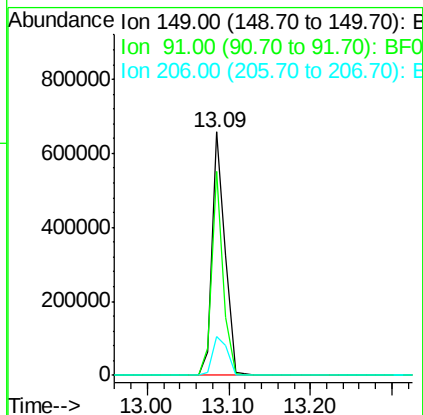
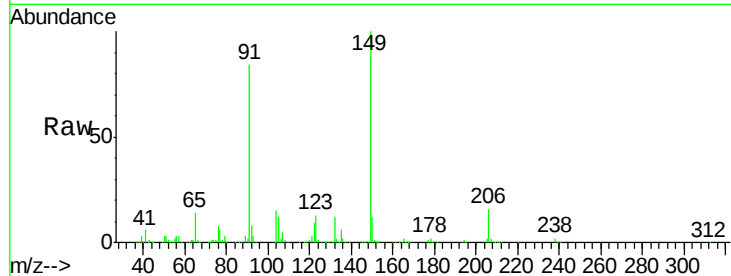




#79
Butylbenzylphthalate
Concen: 57.32 ng
RT: 13.09 min Scan# 1006
Delta R.T. 0.00 min
Lab File: BF090134.D
Acq: 20 Sep 2016 13:04

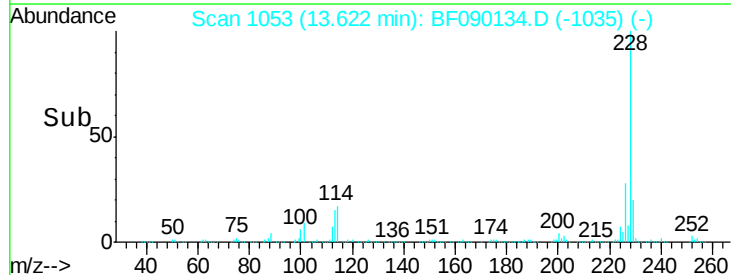
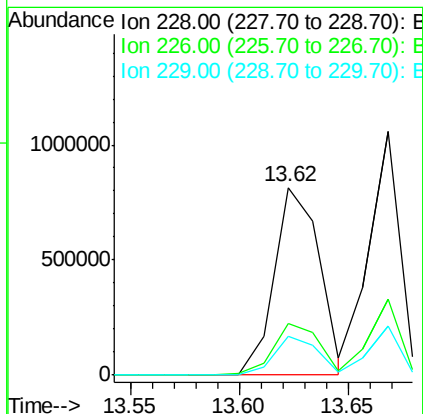
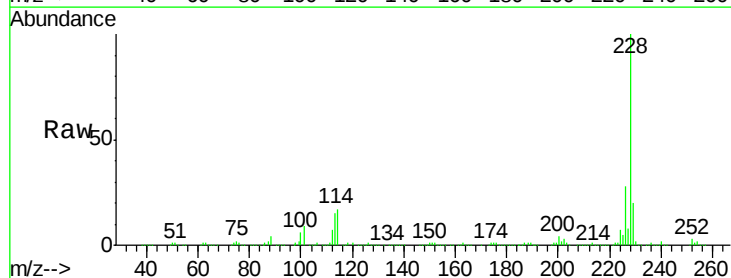
Instrument :
BNA_F
ClientSampleId :

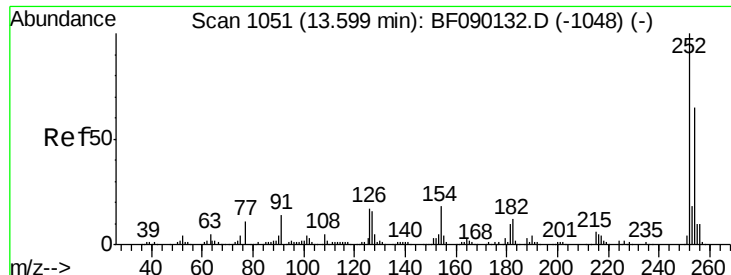
Tot Ion:149 Resp: 733833
Ion Ratio Lower Upper
149 100
91 83.6 49.8 74.6#
206 15.7 16.3 24.5#



#80
Benzo(a)anthracene
Concen: 57.69 ng
RT: 13.62 min Scan# 1053
Delta R.T. 0.00 min
Lab File: BF090134.D
Acq: 20 Sep 2016 13:04

Tgt Ion:228 Resp: 1186341
Ion Ratio Lower Upper
228 100
226 27.8 22.0 33.0
229 20.5 16.2 24.2

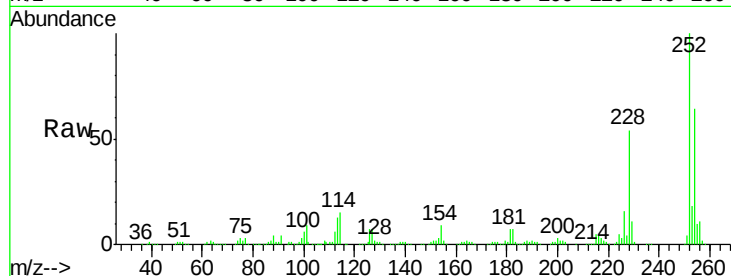




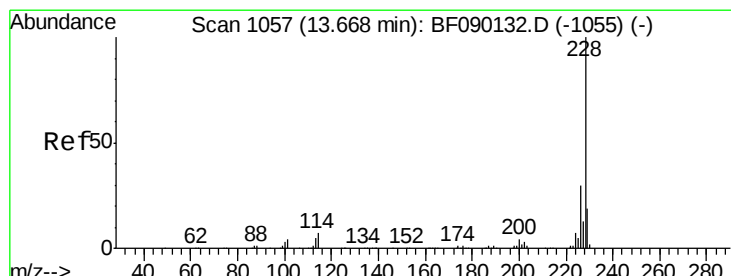
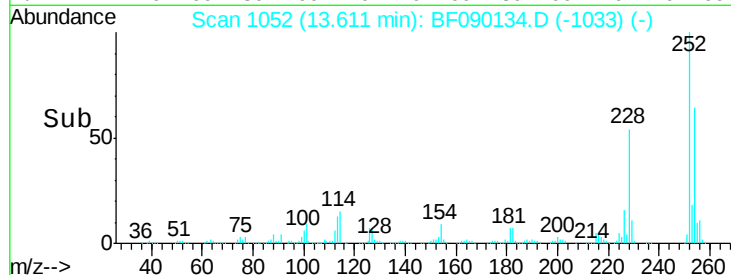
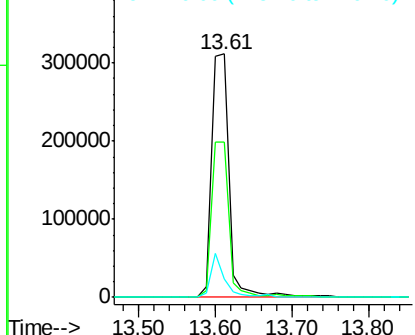
#81
 3,3'-Dichlorobenzidine
 Concen: 56.53 ng
 RT: 13.61 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: BF090134.D
 Acq: 20 Sep 2016 13:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 487247
 Ion Ratio Lower Upper
 252 100
 254 64.0 50.7 76.1
 126 7.3 9.2 13.8#

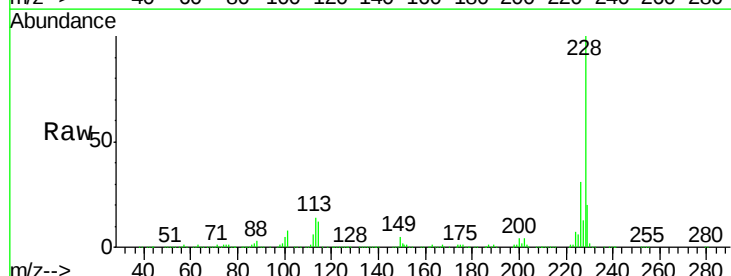


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

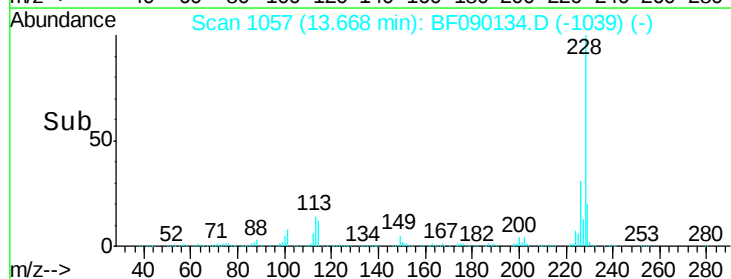
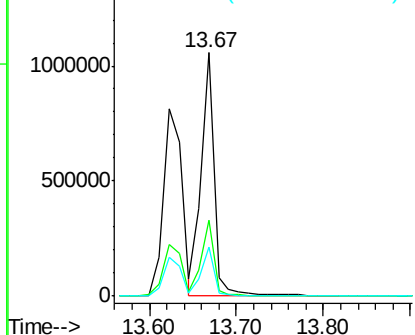


#82
 Chrysene
 Concen: 56.99 ng
 RT: 13.67 min Scan# 1057
 Delta R.T. 0.00 min
 Lab File: BF090134.D
 Acq: 20 Sep 2016 13:04

Tgt Ion:228 Resp: 1099291
 Ion Ratio Lower Upper
 228 100
 226 31.1 24.6 37.0
 229 20.0 16.2 24.4



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

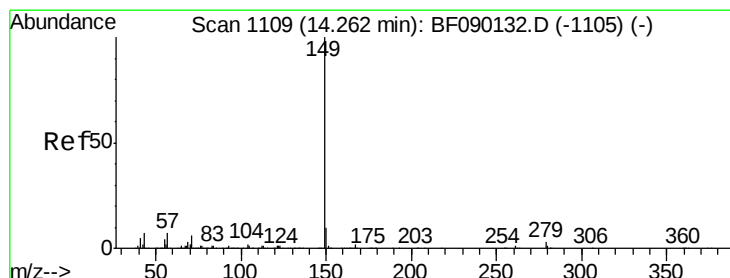
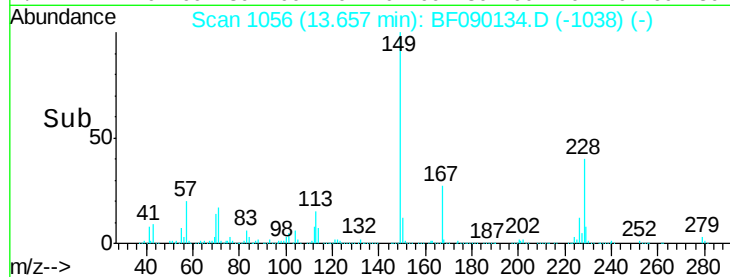
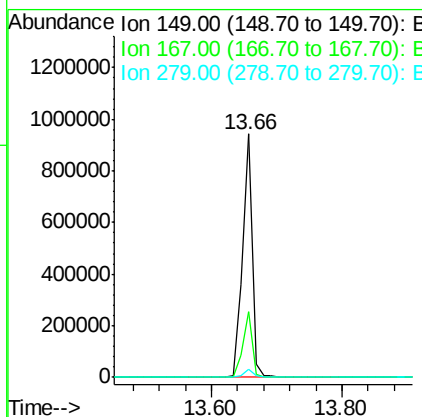
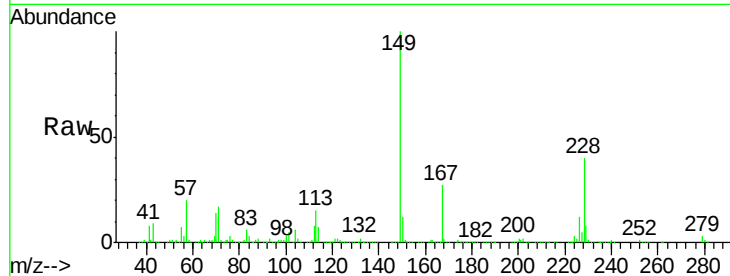




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 60.06 ng
 RT: 13.66 min Scan# 1056
 Delta R.T. 0.00 min
 Lab File: BF090134.D
 Acq: 20 Sep 2016 13:04

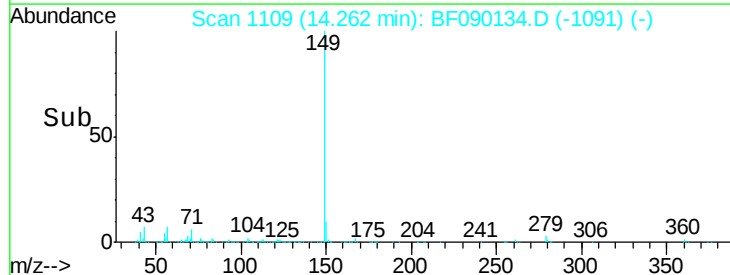
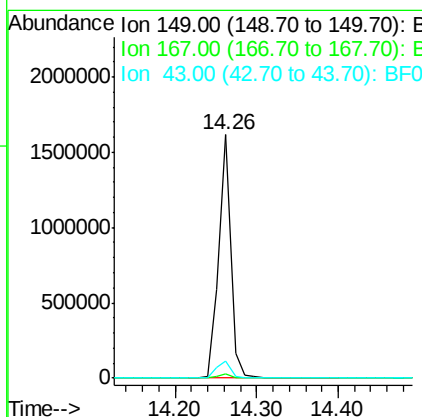
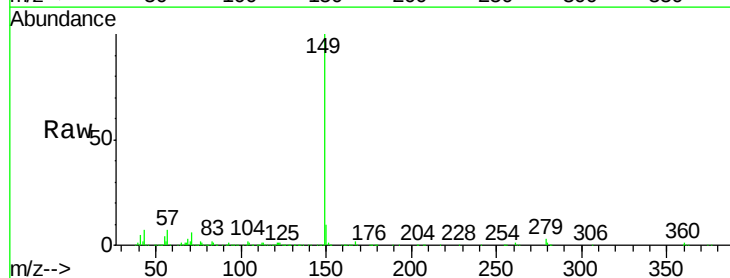
Instrument :
 BNA_F
 ClientSampleId :

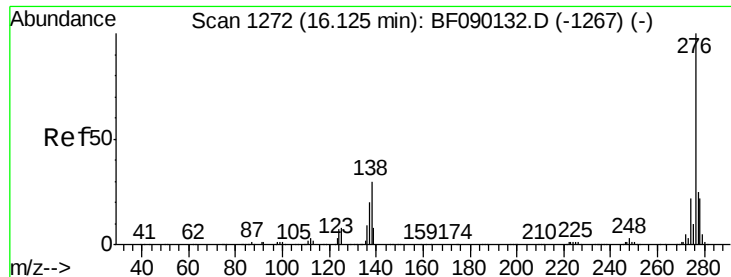
Tot Ion:149 Resp: 951068
 Ion Ratio Lower Upper
 149 100
 167 27.0 21.2 31.8
 279 3.1 2.2 3.2



#84
 Di-n-octyl phthalate
 Concen: 59.03 ng
 RT: 14.26 min Scan# 1109
 Delta R.T. 0.00 min
 Lab File: BF090134.D
 Acq: 20 Sep 2016 13:04

Tgt Ion:149 Resp: 1671040
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 8.4 6.8 10.2





#85

Indeno(1,2,3-cd)pyrene

Concen: 55.98 ng

RT: 16.13 min Scan# 1272

Delta R.T. 0.00 min

Lab File: BF090134.D

Acq: 20 Sep 2016 13:04

Instrument :

BNA_F

ClientSampleId :

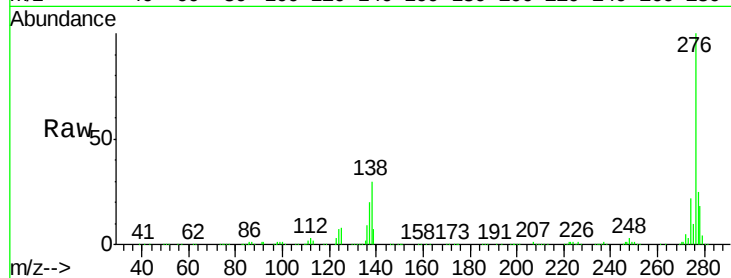
Tot Ion:276 Resp: 938235

Ion Ratio Lower Upper

276 100

138 32.1 25.9 38.9

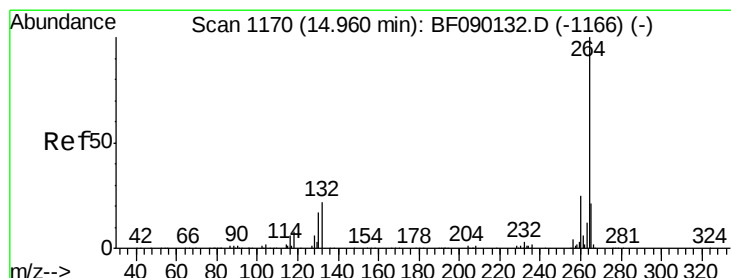
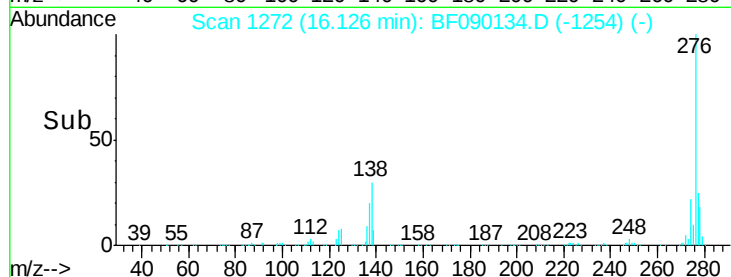
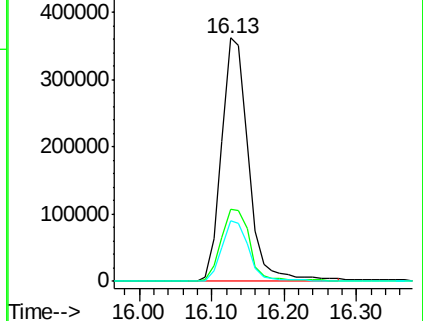
277 25.1 19.9 29.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 14.96 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF090134.D

Acq: 20 Sep 2016 13:04

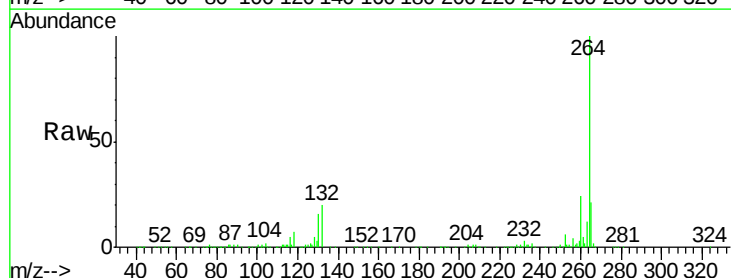
Tgt Ion:264 Resp: 319527

Ion Ratio Lower Upper

264 100

260 23.9 19.5 29.3

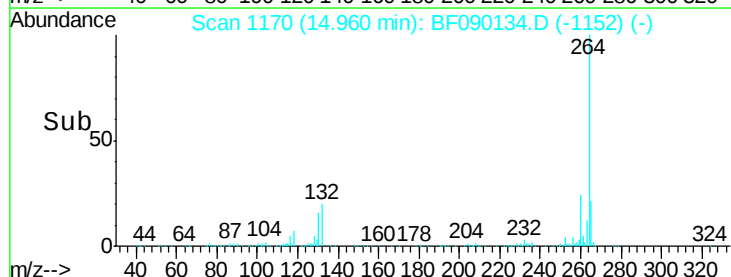
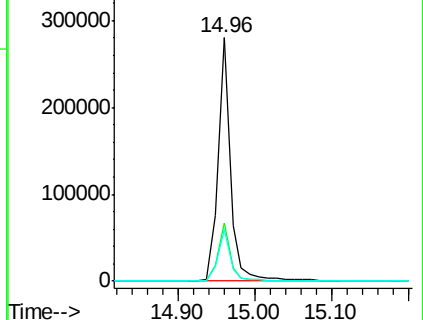
265 21.4 17.0 25.4

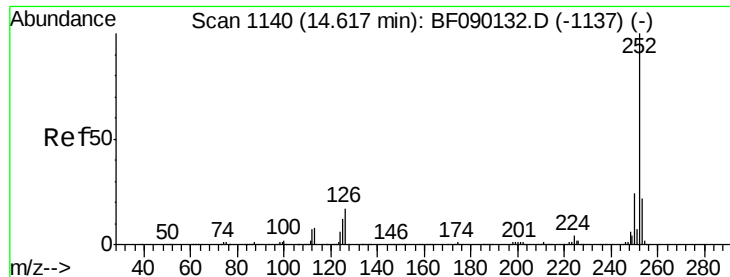


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

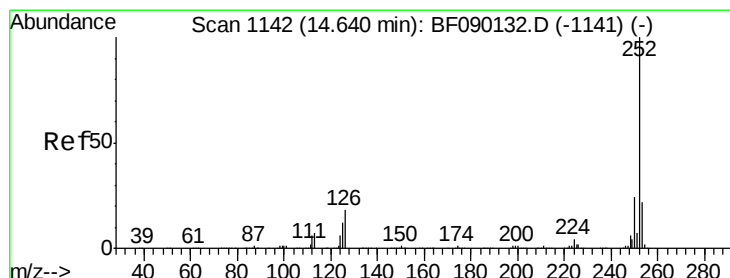
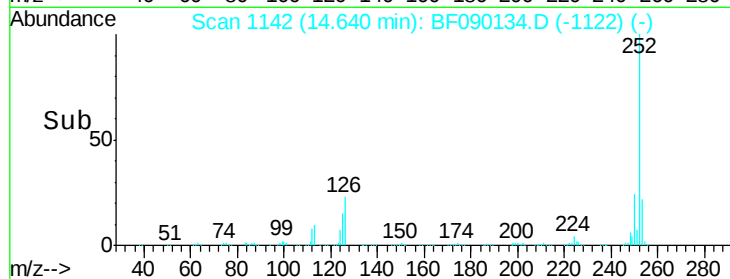
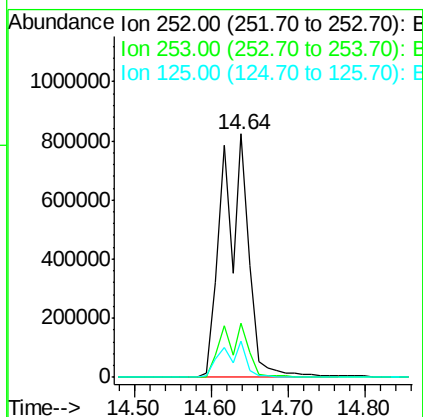
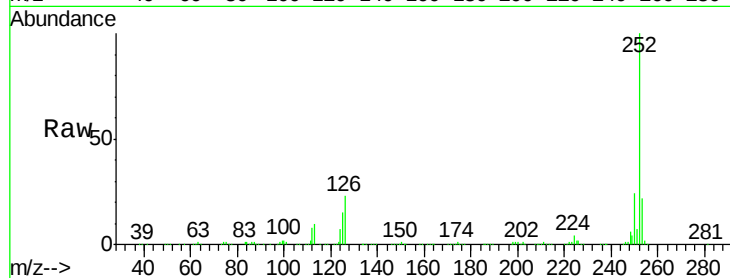




#87
Benzo(b)fluoranthene
Concen: 104.36 ng
RT: 14.64 min Scan# 1142
Delta R.T. 0.02 min
Lab File: BF090134.D
Acq: 20 Sep 2016 13:04

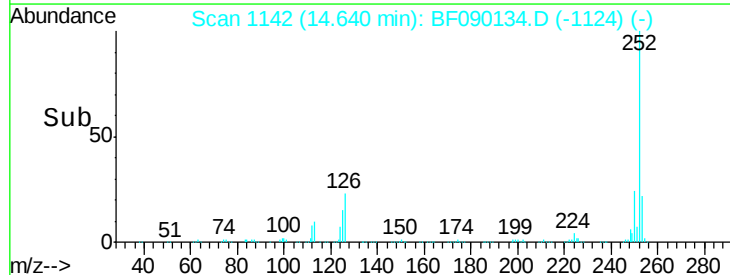
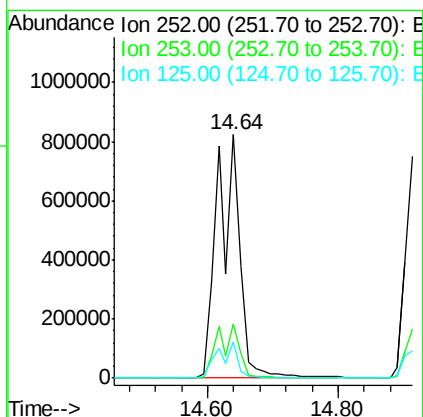
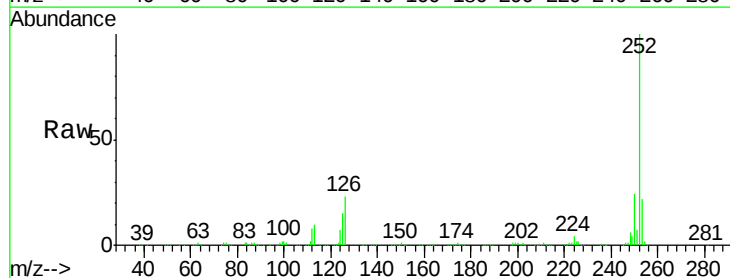
Instrument :
BNA_F
ClientSampleId :

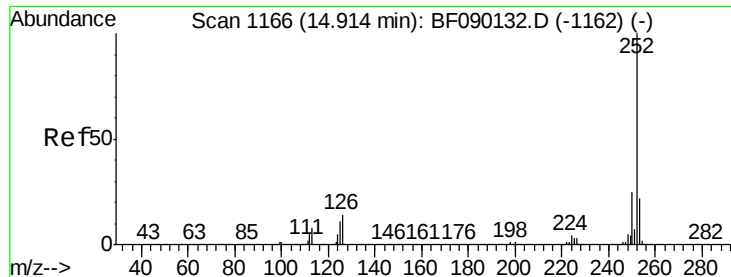
Tot Ion:252 Resp: 1954907
Ion Ratio Lower Upper
252 100
253 22.5 17.9 26.9
125 15.1 12.7 19.1



#88
Benzo(k)fluoranthene
Concen: 116.40 ng
RT: 14.64 min Scan# 1142
Delta R.T. 0.00 min
Lab File: BF090134.D
Acq: 20 Sep 2016 13:04

Tgt Ion:252 Resp: 1962987
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 15.1 7.8 11.6#

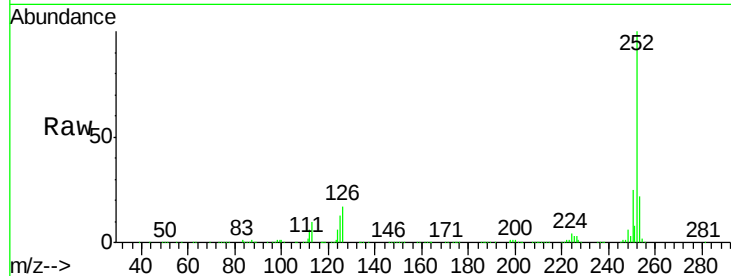




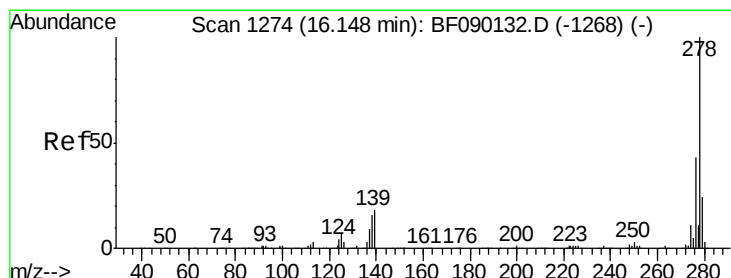
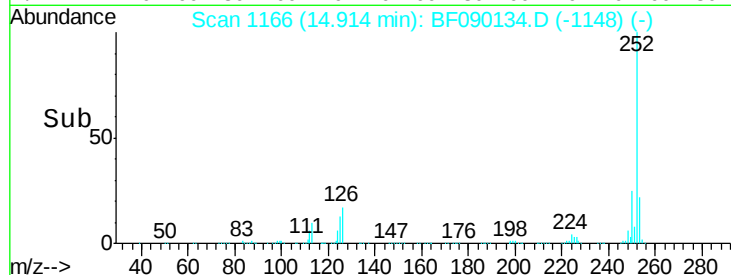
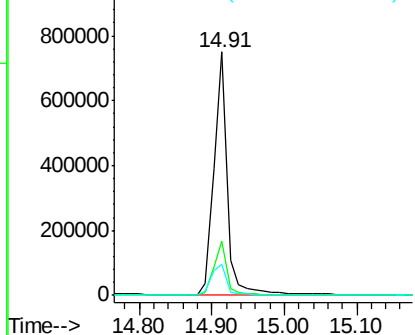
#89
Benzo(a)pyrene
Concen: 56.64 ng
RT: 14.91 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF090134.D
Acq: 20 Sep 2016 13:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 951423
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 12.6 7.7 11.5#

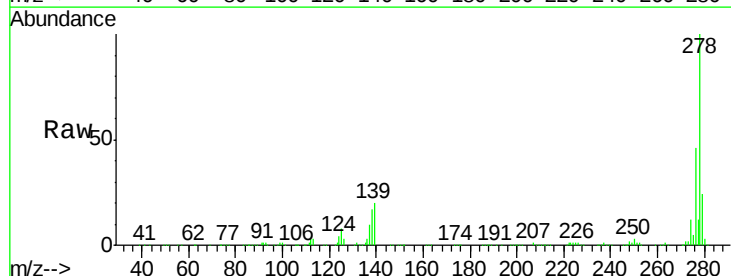


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

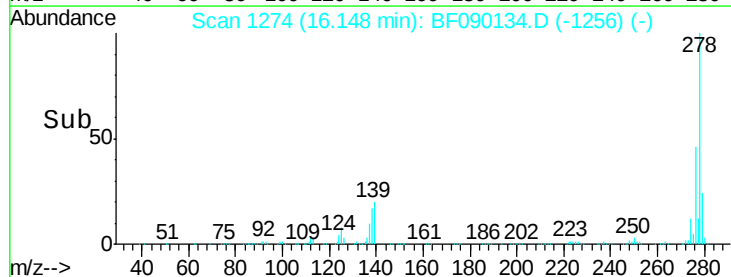
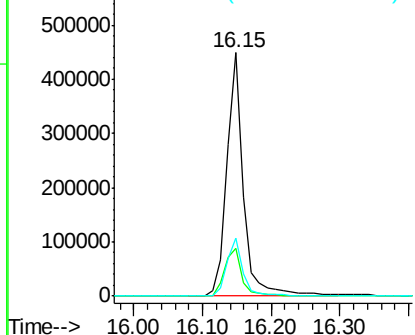


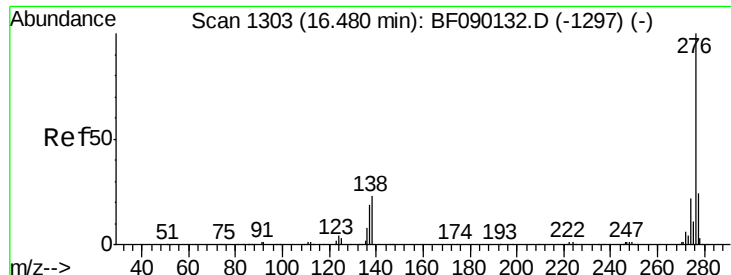
#90
Dibenzo(a,h)anthracene
Concen: 58.58 ng
RT: 16.15 min Scan# 1274
Delta R.T. 0.00 min
Lab File: BF090134.D
Acq: 20 Sep 2016 13:04

Tgt Ion:278 Resp: 770693
Ion Ratio Lower Upper
278 100
139 19.8 14.6 21.8
279 23.9 18.8 28.2



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

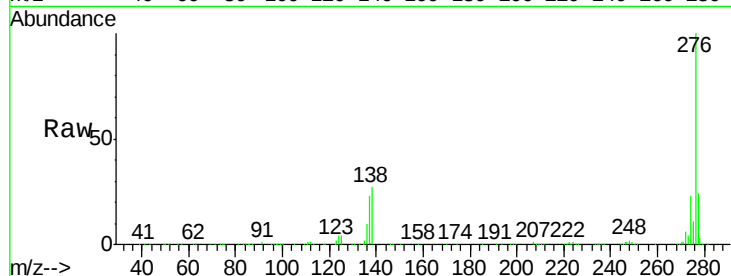




#91
 Benzo(a,h,i)perylene
 Concen: 63.19 ng
 RT: 16.48 min Scan# 1303
 Delta R.T. 0.00 min
 Lab File: BF090134.D
 Acq: 20 Sep 2016 13:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.9	28.3
138	27.0	23.3	34.9



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

