

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092016\
 Data File : BF090132.D
 Acq On : 20 Sep 2016 12:07
 Operator : UM/SJ
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 20 13:19:35 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	171195	20.00	ng	0.00
21) Naphthalene-d8	7.82	136	693616	20.00	ng	0.00
38) Acenaphthene-d10	9.55	164	358110	20.00	ng	0.00
63) Phenanthrene-d10	11.03	188	576644	20.00	ng	0.00
75) Chrysene-d12	13.63	240	423071	20.00	ng	0.00
86) Perylene-d12	14.96	264	396768	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.07	112	819612	77.00	ng	0.00
7) Phenol-d6	6.17	99	1021132	73.27	ng	0.00
23) Nitrobenzene-d5	7.10	82	883051	71.58	ng	0.00
41) 2,4,6-Tribromophenol	10.34	330	246111	68.42	ng	0.00
44) 2-Fluorobiphenyl	8.89	172	1371883	60.16	ng	0.00
78) Terphenyl-d14	12.61	244	1168510	65.59	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.93	88	208942	37.59	ng	96
3) Pyridine	2.52	79	475706	37.54	ng	99
4) n-Nitrosodimethylamine	2.48	42	140384	35.67	ng	91
6) Aniline	6.18	93	623923	36.07	ng	# 80
8) 2-Chlorophenol	6.31	128	464077	37.84	ng	83
9) Benzaldehyde	6.06	77	215659	29.03	ng	99
10) Phenol	6.19	94	618771	39.56	ng	# 66
11) bis(2-Chloroethyl)ether	6.27	93	470955	37.54	ng	89
12) 1,3-Dichlorobenzene	6.46	146	469243	37.20	ng	98
13) 1,4-Dichlorobenzene	6.54	146	473849	36.38	ng	98
14) 1,2-Dichlorobenzene	6.70	146	441518	37.31	ng	97
15) Benzyl Alcohol	6.68	79	305183	38.89	ng	90
16) 2,2'-oxybis(1-Chloropropan	6.82	45	543354	36.55	ng	96
17) 2-Methylphenol	6.81	107	370201	36.91	ng	# 95
18) Hexachloroethane	7.04	117	178999	37.88	ng	# 79
19) n-Nitroso-di-n-propylamine	6.96	70	295890	34.17	ng	99
20) 3+4-Methylphenols	6.96	107	446426	36.66	ng	93
22) Acetophenone	6.95	105	638895	38.05	ng	# 98
24) Nitrobenzene	7.12	77	488419	37.59	ng	# 79
25) Isophorone	7.36	82	919891	35.61	ng	98
26) 2-Nitrophenol	7.43	139	232614	36.92	ng	92
27) 2,4-Dimethylphenol	7.48	122	404295	36.47	ng	98
28) bis(2-Chloroethoxy)methane	7.59	93	571319	37.71	ng	98
29) 2,4-Dichlorophenol	7.68	162	367962	37.58	ng	92
30) 1,2,4-Trichlorobenzene	7.76	180	365376	37.82	ng	98
31) Naphthalene	7.83	128	1259582	36.94	ng	99
32) Benzoic acid	7.64	122	308725	38.76	ng	97
33) 4-Chloroaniline	7.90	127	532625	36.71	ng	# 91
34) Hexachlorobutadiene	7.96	225	186200	37.64	ng	98
35) Caprolactam	8.27	113	114356	34.97	ng	97
36) 4-Chloro-3-methylphenol	8.39	107	395520	34.79	ng	96
37) 2-Methylnaphthalene	8.52	142	768723	36.35	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.70	216	314038	34.10	ng	97
40) Hexachlorocyclopentadiene	8.68	237	171733	35.89	ng	98

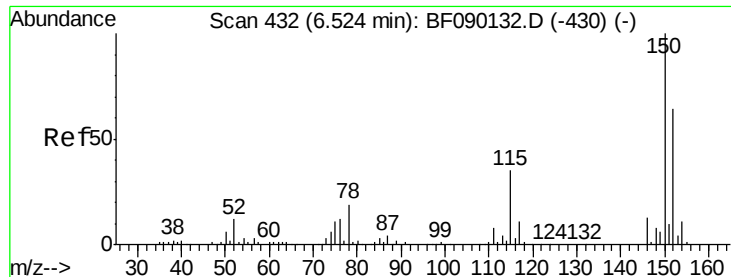
Data Path : Z:\HPCHEM1\BNA F\DATA\BF092016\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.81	196	244002	36.56	nq	99
43) 2,4,5-Trichlorophenol	8.84	196	233926	32.58	nq	# 83
45) 1,1'-Biphenyl	8.99	154	1039717	35.48	nq	97
46) 2-Chloronaphthalene	9.00	162	688104	31.69	nq	97
47) 2-Nitroaniline	9.11	65	212766	30.69	nq	# 83
48) Acenaphthylene	9.42	152	1139482	31.25	nq	100
49) Dimethylphthalate	9.30	163	836399	31.44	nq	99
50) 2,6-Dinitrotoluene	9.36	165	208161	35.02	nq	# 82
51) Acenaphthene	9.59	154	708938	34.81	nq	99
52) 3-Nitroaniline	9.52	138	228999	31.67	nq	90
53) 2,4-Dinitrophenol	9.63	184	101937	31.54	nq	# 86
54) Dibenzofuran	9.76	168	879662	31.23	nq	95
55) 4-Nitrophenol	9.70	139	169308	33.27	nq	95
56) 2,4-Dinitrotoluene	9.76	165	250027	34.50	nq	# 81
57) Fluorene	10.10	166	736081	33.31	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.88	232	186448	34.05	nq	99
59) Diethylphthalate	10.00	149	868775	33.74	nq	97
60) 4-Chlorophenyl-phenylether	10.10	204	304402	32.67	nq	89
61) 4-Nitroaniline	10.14	138	252698	34.52	nq	100
62) Azobenzene	10.26	77	919415	34.02	nq	91
64) 4,6-Dinitro-2-methylphenol	10.16	198	138959	39.38	nq	# 67
65) n-Nitrosodiphenylamine	10.22	169	707769	38.74	nq	98
66) 4-Bromophenyl-phenylether	10.58	248	210495	37.87	nq	# 87
67) Hexachlorobenzene	10.64	284	231630	35.36	nq	# 88
68) Atrazine	10.75	200	181433	33.42	nq	96
69) Pentachlorophenol	10.83	266	150628	39.25	nq	99
70) Phenanthrene	11.05	178	1091854	39.18	nq	99
71) Anthracene	11.10	178	1050791	34.54	nq	100
72) Carbazole	11.26	167	1086752	34.82	nq	99
73) Di-n-butylphthalate	11.61	149	1319739	37.70	nq	99
74) Fluoranthene	12.22	202	1079496	36.97	nq	97
76) Benzidine	12.35	184	569605	33.01	nq	99
77) Pyrene	12.45	202	1078114	34.92	nq	99
79) Butylbenzylphthalate	13.09	149	543847	35.37	nq	# 78
80) Benzo(a)anthracene	13.62	228	909570	36.83	nq	99
81) 3,3'-Dichlorobenzidine	13.60	252	361996	34.97	nq	# 96
82) Chrysene	13.67	228	874391	37.75	nq	98
83) Bis(2-ethylhexyl)phthalate	13.66	149	734058	38.60	nq	99
84) Di-n-octyl phthalate	14.26	149	1319321	38.81	nq	99
85) Indeno(1,2,3-cd)pyrene	16.13	276	744587	36.99	nq	100
87) Benzo(b)fluoranthene	14.64	252	1662257	71.46	nq	98
88) Benzo(k)fluoranthene	14.64	252	1664446	79.48	nq	# 97
89) Benzo(a)pyrene	14.91	252	792341	37.99	nq	98
90) Dibenzo(a,h)anthracene	16.15	278	620294	37.97	nq	99
91) Benzo(g,h,i)perylene	16.48	276	598381	38.38	nq	94

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

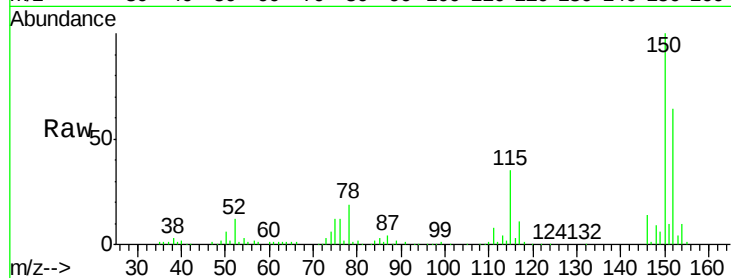


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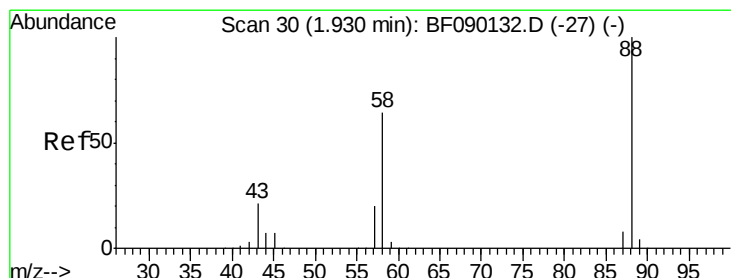
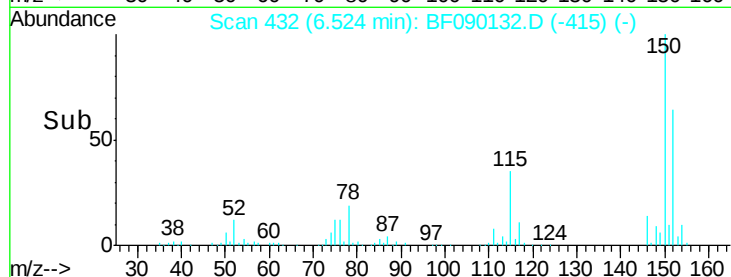
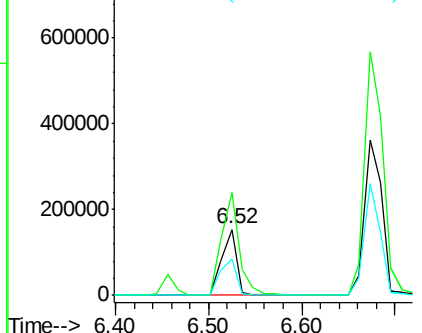
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.52 min Scan# 432
Delta R.T. 0.00 min
Lab File: BF090132.D
Acq: 20 Sep 2016 12:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	128.9	193.3
115	54.7	55.5	83.3



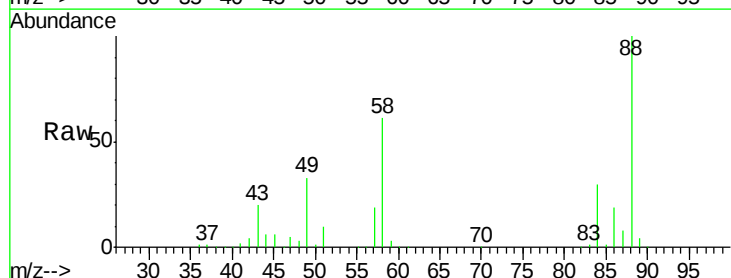
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



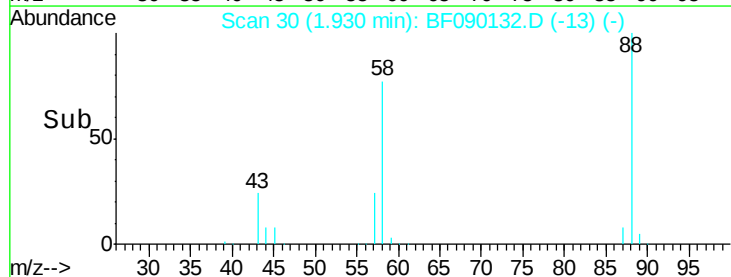
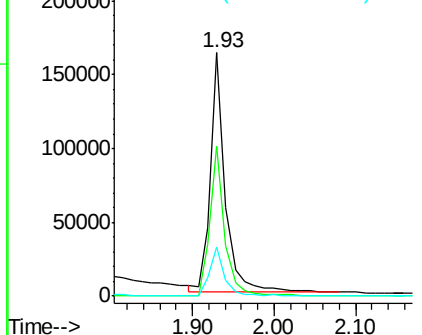
#2

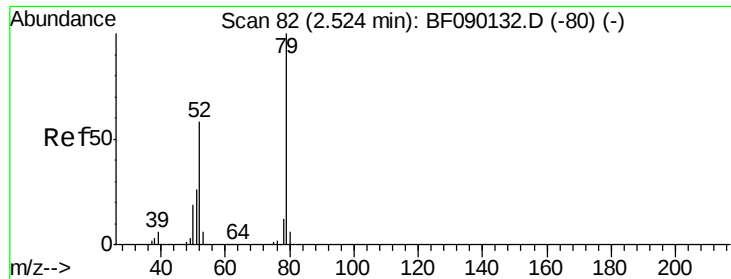
1,4-Dioxane
Concen: 37.59 ng
RT: 1.93 min Scan# 30
Delta R.T. 0.00 min
Lab File: BF090132.D
Acq: 20 Sep 2016 12:07

Tgt Ion	Ratio	Lower	Upper
88	100		
58	62.9	53.4	80.0
43	21.4	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: 37.54 ng

RT: 2.52 min Scan# 82

Delta R.T. 0.00 min

Lab File: BF090132.D

Acq: 20 Sep 2016 12:07

Instrument :

BNA_F

ClientSampled :

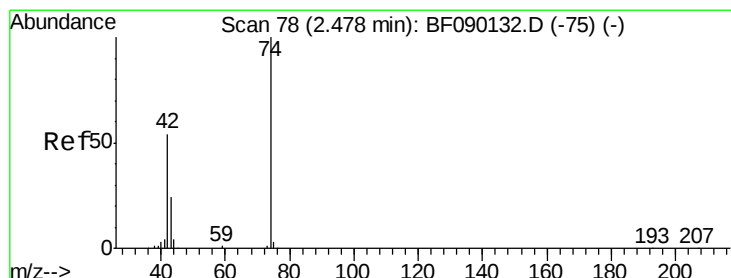
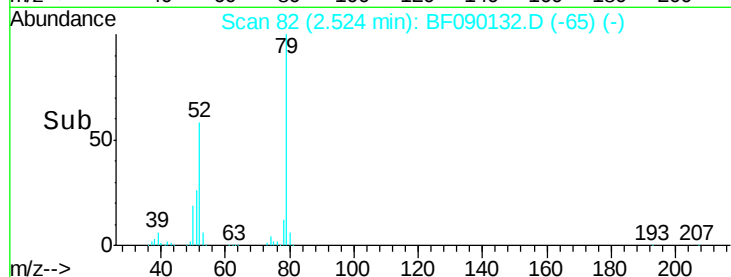
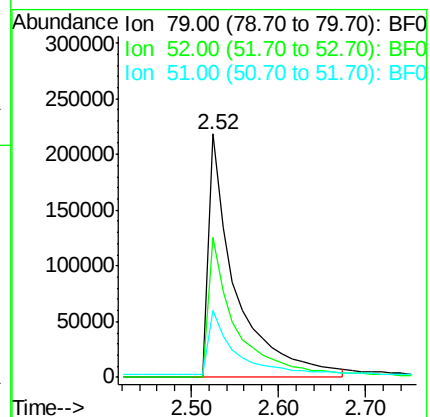
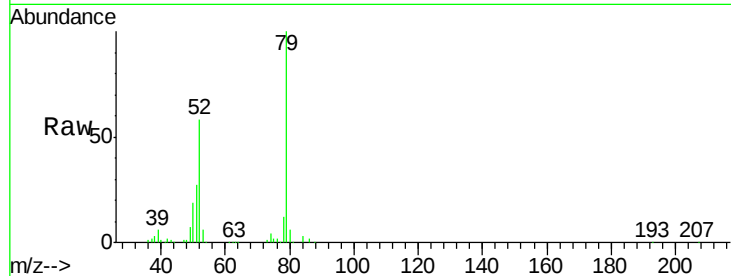
Tot Ion: 79 Resp: 475706

Ion Ratio Lower Upper

79 100

52 57.7 45.9 68.9

51 27.4 21.3 31.9



#4

n-Nitrosodimethylamine

Concen: 35.67 ng

RT: 2.48 min Scan# 78

Delta R.T. 0.00 min

Lab File: BF090132.D

Acq: 20 Sep 2016 12:07

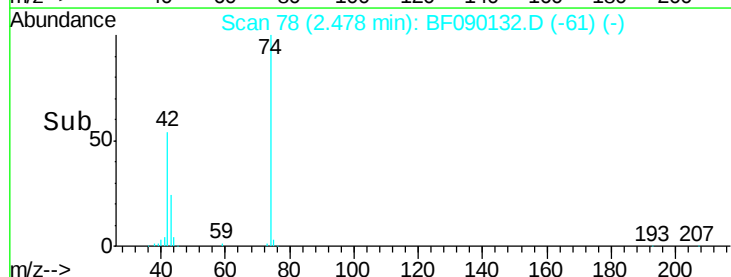
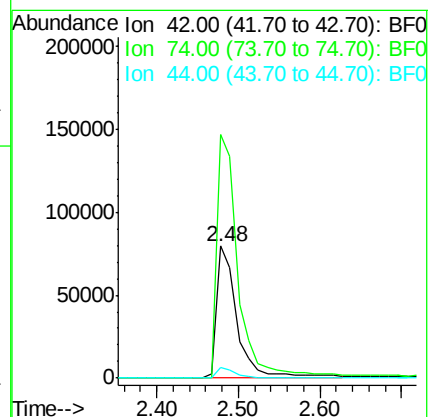
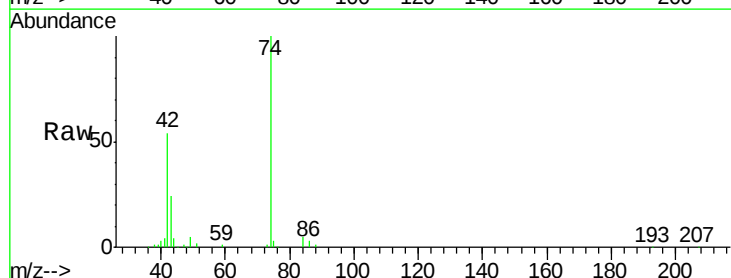
Tgt Ion: 42 Resp: 140384

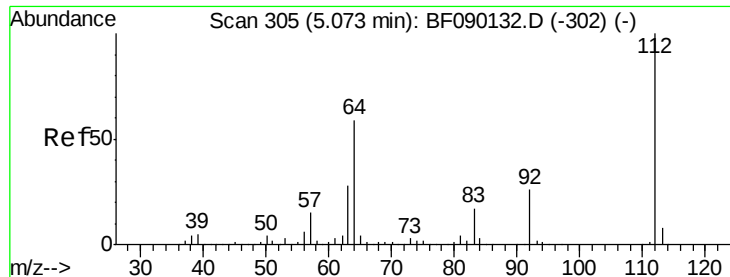
Ion Ratio Lower Upper

42 100

74 184.8 158.7 238.1

44 7.9 6.4 9.6





#5

2-Fluorophenol

Concen: 77.00 ng

RT: 5.07 min Scan# 305

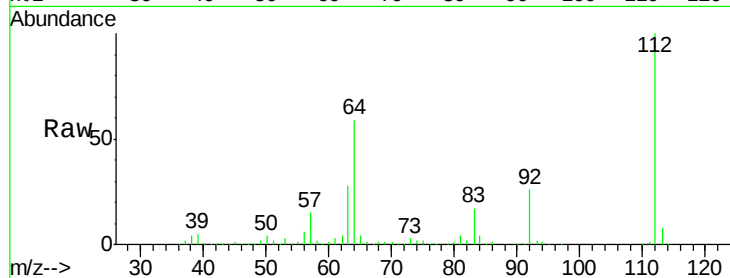
Delta R.T. 0.00 min

Lab File: BF090132.D

Acq: 20 Sep 2016 12:07

Instrument :
BNA_F
ClientSampleId :

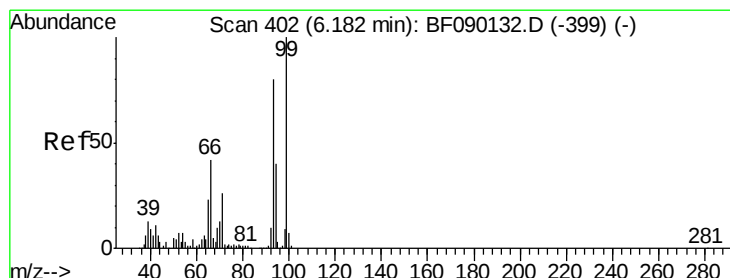
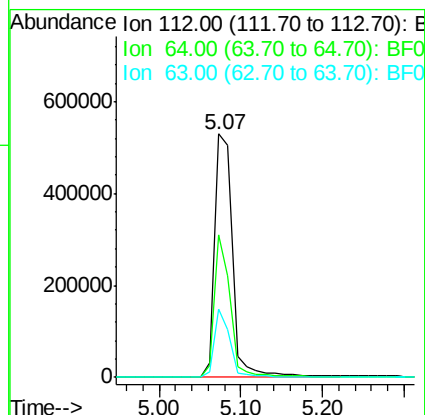
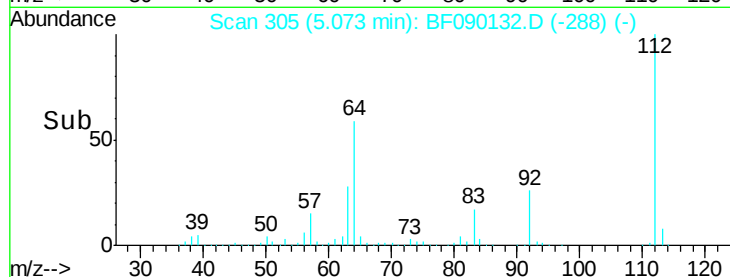
Tot Ion:	112	Resp:	819612
Ion	Ratio	Lower	Upper
112	100		
64	58.6	39.8	59.6
63	28.1	18.9	28.3



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 36.07 ng

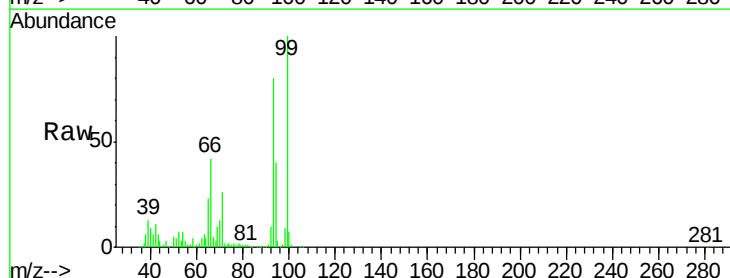
RT: 6.18 min Scan# 402

Delta R.T. 0.00 min

Lab File: BF090132.D

Acq: 20 Sep 2016 12:07

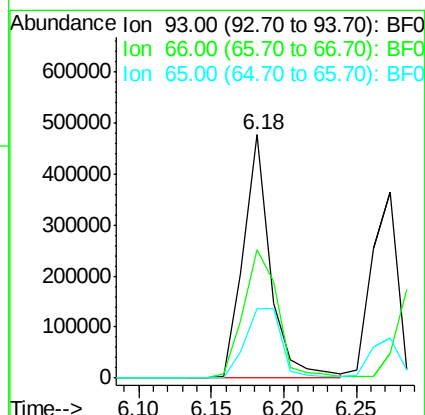
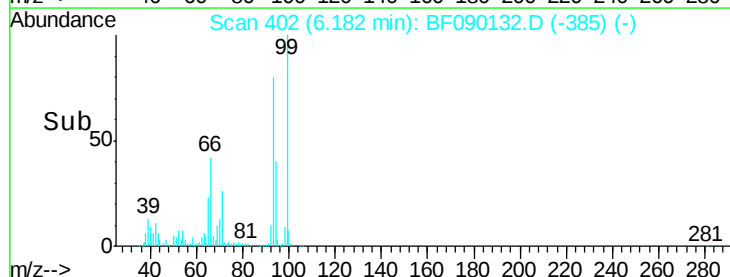
Tgt Ion:	93	Resp:	623923
Ion	Ratio	Lower	Upper
93	100		
66	52.9	54.2	81.2#
65	28.5	33.8	50.6#

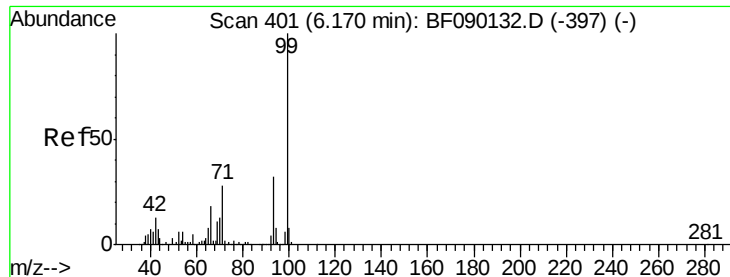


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 73.27 ng

RT: 6.17 min Scan# 401

Delta R.T. 0.00 min

Lab File: BF090132.D

Acq: 20 Sep 2016 12:07

Instrument :

BNA_F

ClientSampleId :

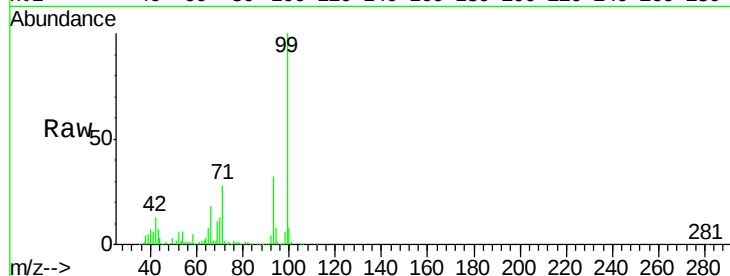
Tot Ion: 99 Resp: 1021132

Ion Ratio Lower Upper

99 100

42 13.1 10.6 15.8

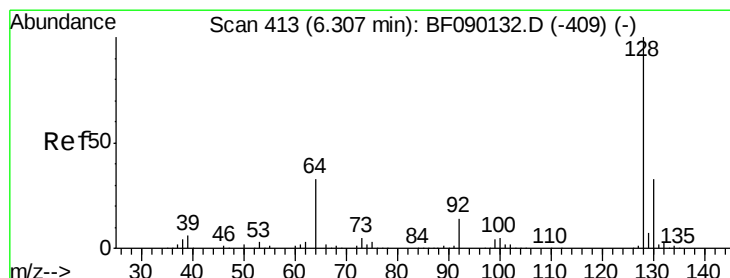
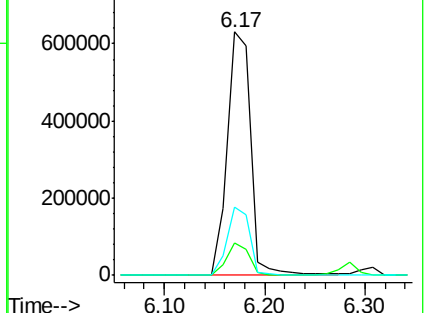
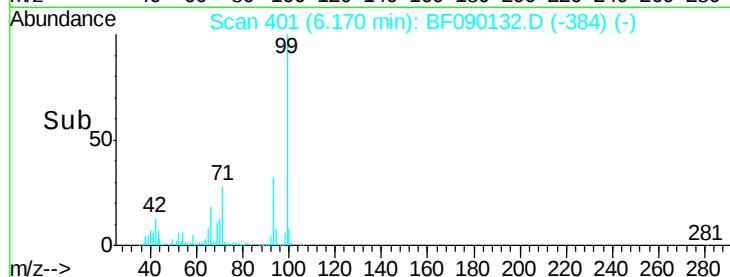
71 27.8 23.0 34.6



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: 37.84 ng

RT: 6.31 min Scan# 413

Delta R.T. 0.00 min

Lab File: BF090132.D

Acq: 20 Sep 2016 12:07

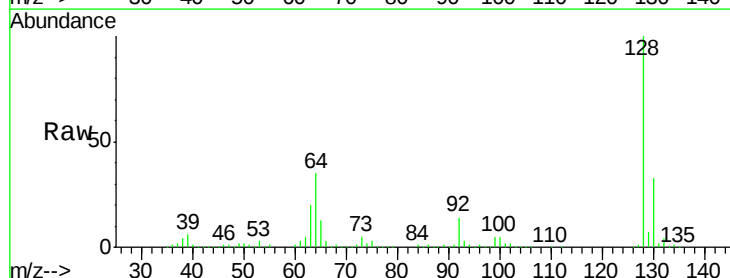
Tgt Ion: 128 Resp: 464077

Ion Ratio Lower Upper

128 100

130 33.1 12.0 52.0

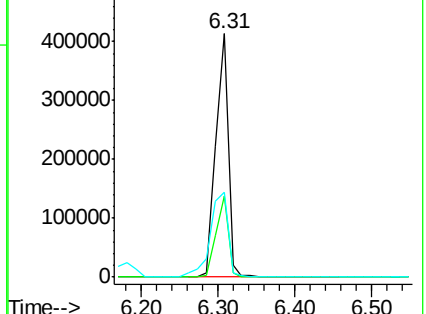
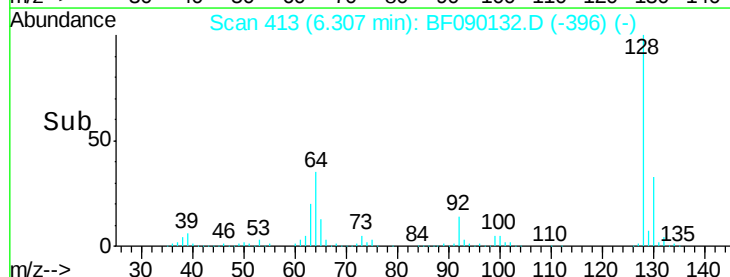
64 35.0 33.6 73.6

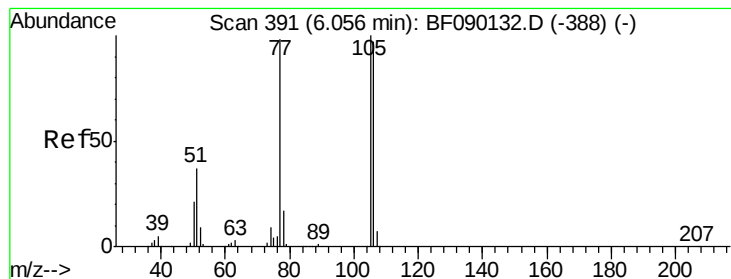


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 29.03 ng

RT: 6.06 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF090132.D

Acq: 20 Sep 2016 12:07

Instrument :

BNA_F

ClientSampleId :

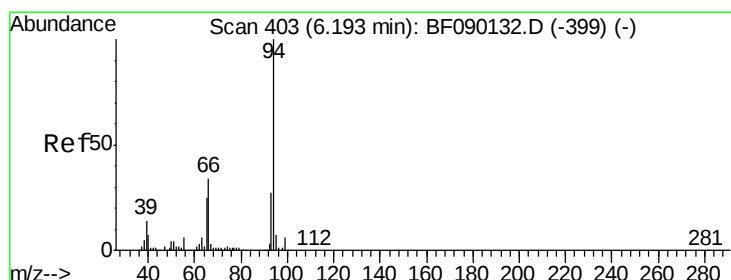
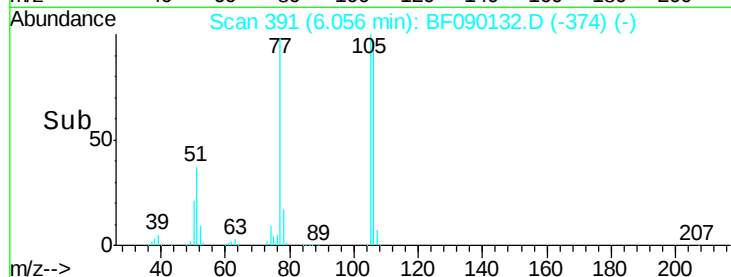
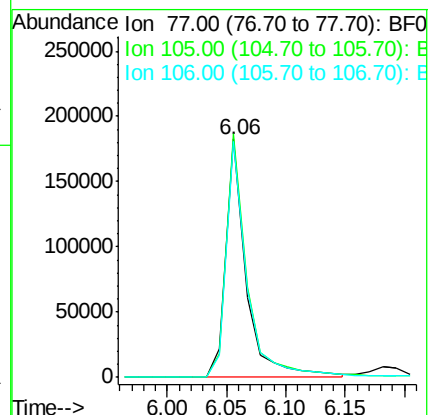
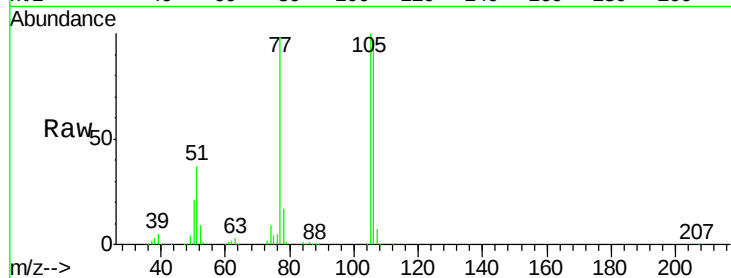
Tot Ion: 77 Resp: 215659

Ion Ratio Lower Upper

77 100

105 102.3 83.0 123.0

106 99.3 78.5 118.5



#10

Phenol

Concen: 39.56 ng

RT: 6.19 min Scan# 403

Delta R.T. 0.00 min

Lab File: BF090132.D

Acq: 20 Sep 2016 12:07

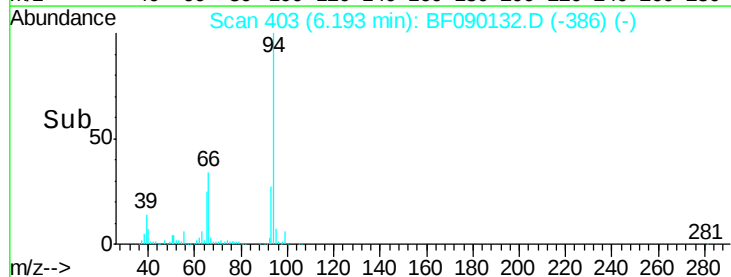
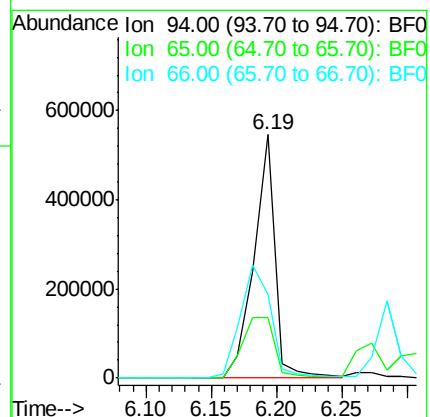
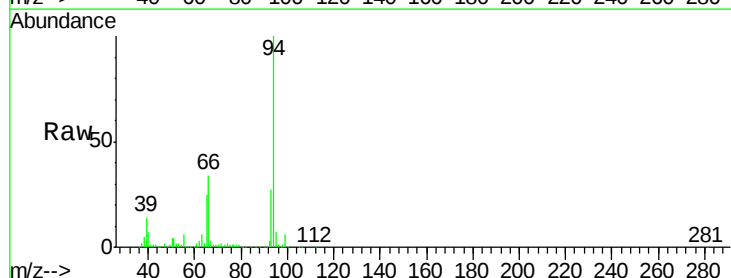
Tgt Ion: 94 Resp: 618771

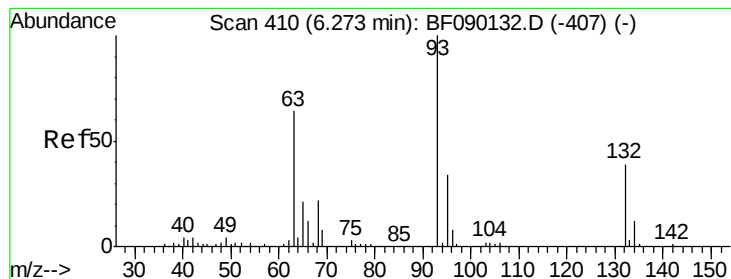
Ion Ratio Lower Upper

94 100

65 25.1 20.6 60.6

66 34.4 45.1 85.1#

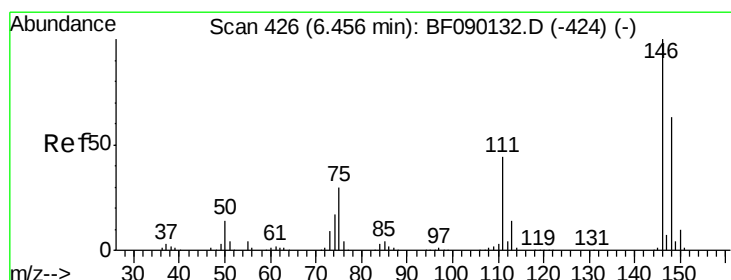
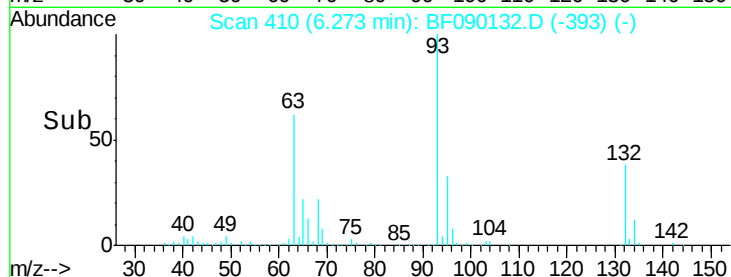
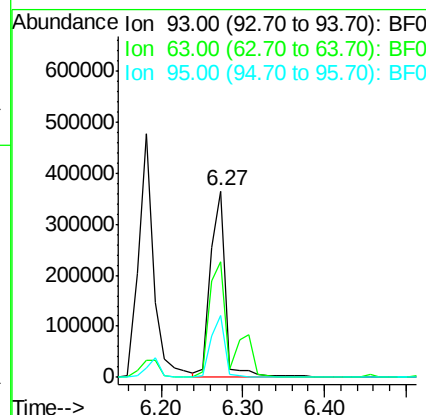
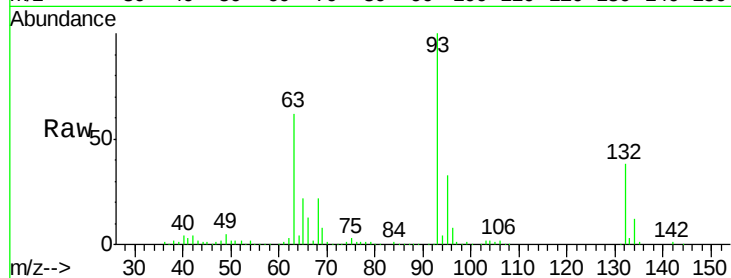




#11
bis(2-Chloroethyl)ether
Concen: 37.54 ng
RT: 6.27 min Scan# 410
Delta R.T. 0.00 min
Lab File: BF090132.D
Acq: 20 Sep 2016 12:07

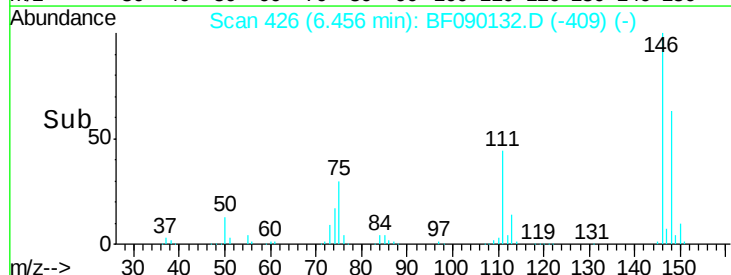
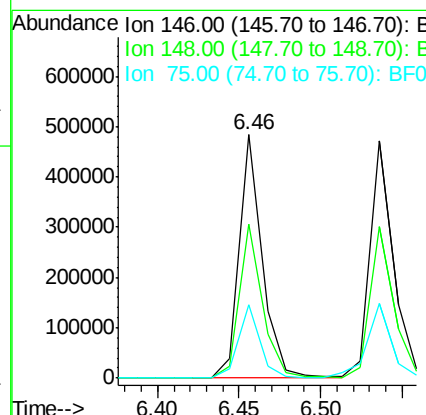
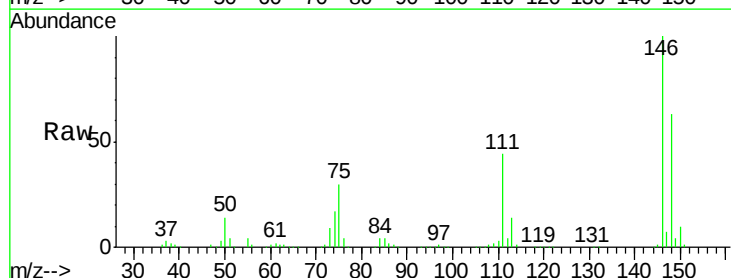
Instrument :
BNA_F
ClientSampleId :

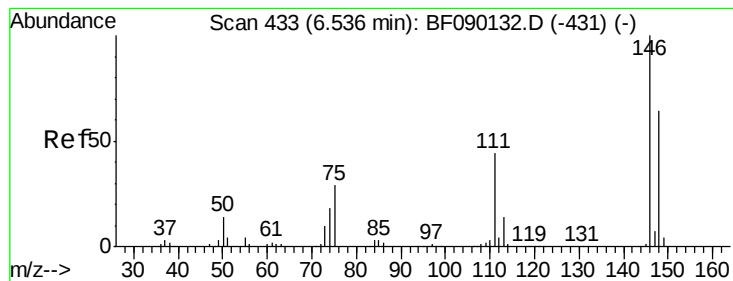
Tot Ion: 93 Resp: 470955
Ion Ratio Lower Upper
93 100
63 62.4 55.6 95.6
95 33.2 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 37.20 ng
RT: 6.46 min Scan# 426
Delta R.T. 0.00 min
Lab File: BF090132.D
Acq: 20 Sep 2016 12:07

Tgt Ion: 146 Resp: 469243
Ion Ratio Lower Upper
146 100
148 63.3 51.9 77.9
75 30.1 22.8 34.2





#13

1,4-Dichlorobenzene

Concen: 36.38 ng

RT: 6.54 min Scan# 433

Delta R.T. 0.00 min

Lab File: BF090132.D

Acq: 20 Sep 2016 12:07

Instrument :

BNA_F

ClientSampled :

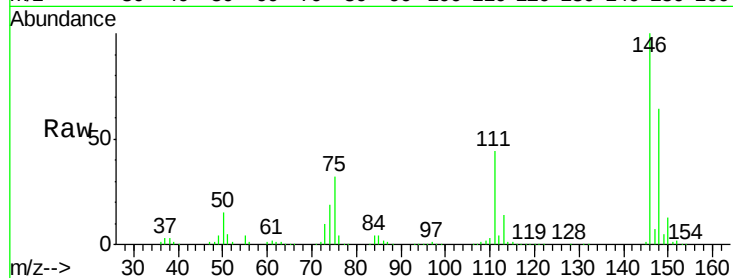
Tot Ion:146 Resp: 473849

Ion Ratio Lower Upper

146 100

148 63.8 52.0 78.0

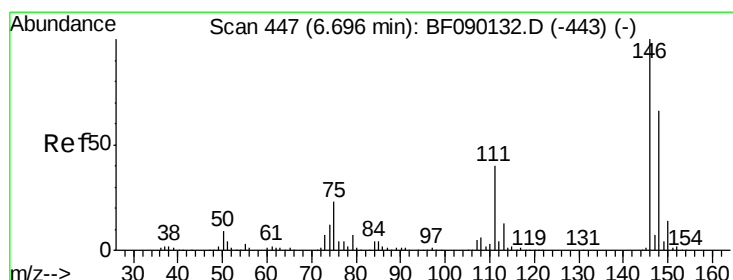
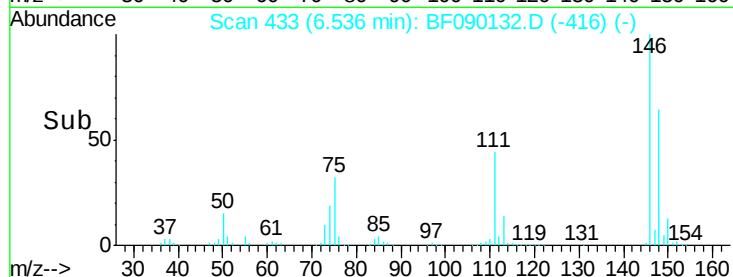
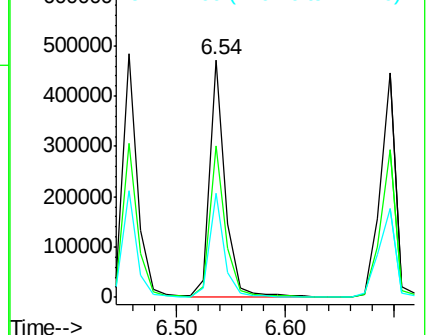
111 43.8 33.8 50.6



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: 37.31 ng

RT: 6.70 min Scan# 447

Delta R.T. 0.00 min

Lab File: BF090132.D

Acq: 20 Sep 2016 12:07

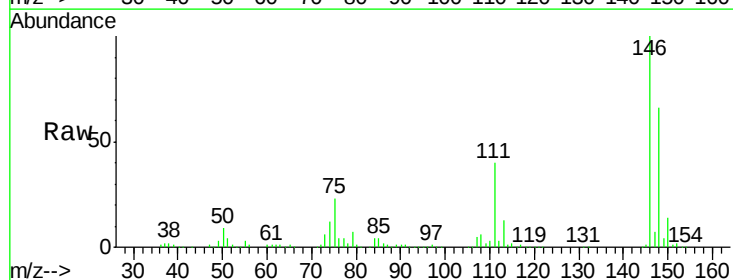
Tgt Ion:146 Resp: 441518

Ion Ratio Lower Upper

146 100

148 65.7 52.6 79.0

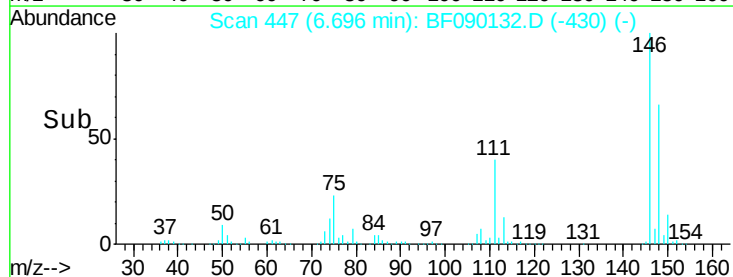
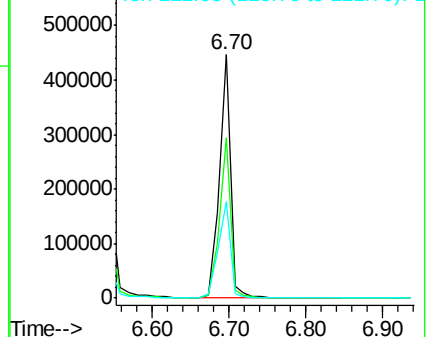
111 39.6 28.2 42.2

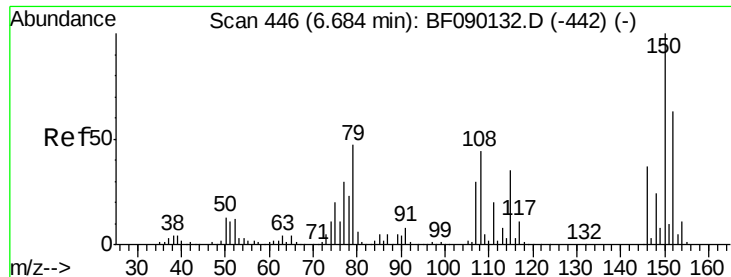


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

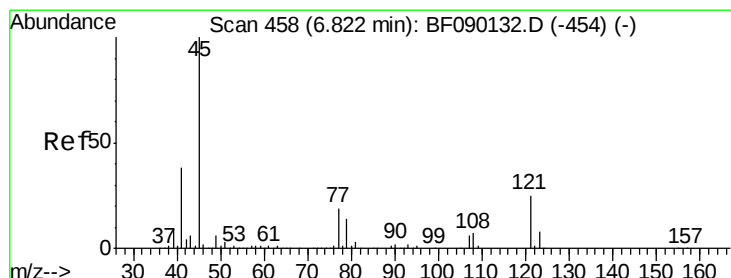
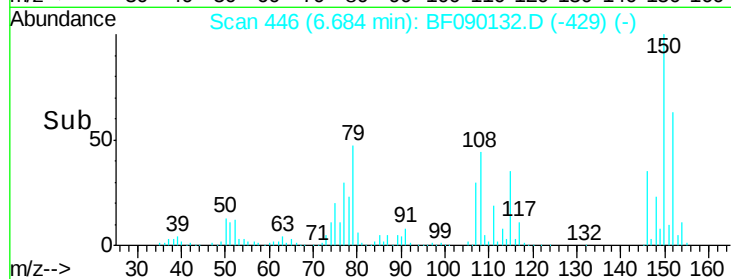
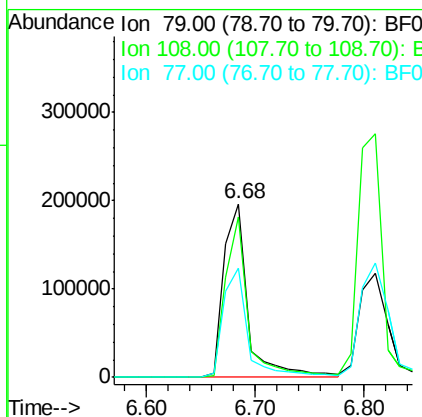
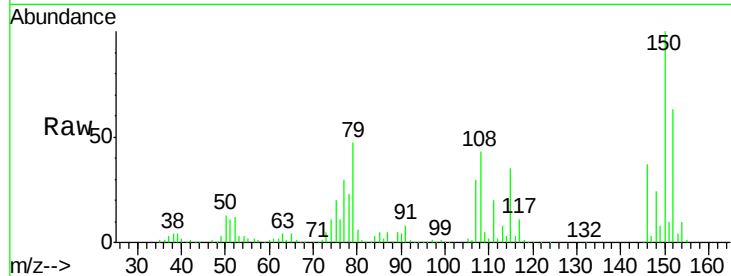




#15
Benzyl Alcohol
Concen: 38.89 ng
RT: 6.68 min Scan# 446
Delta R.T. 0.00 min
Lab File: BF090132.D
Acq: 20 Sep 2016 12:07

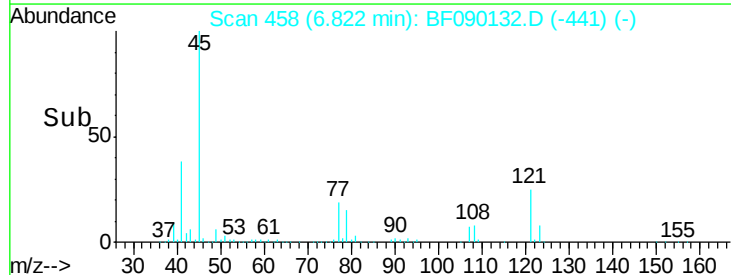
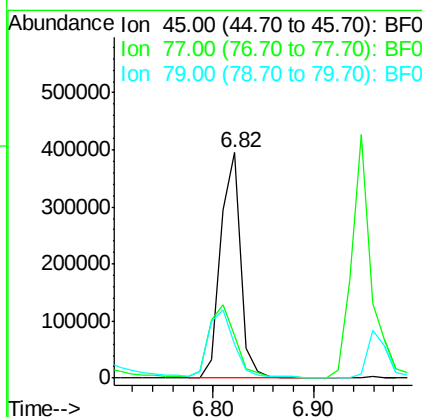
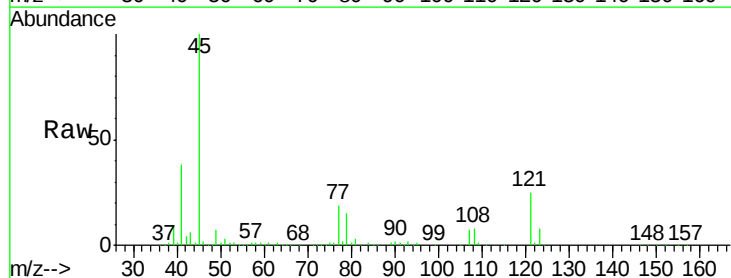
Instrument :
BNA_F
ClientSampled :

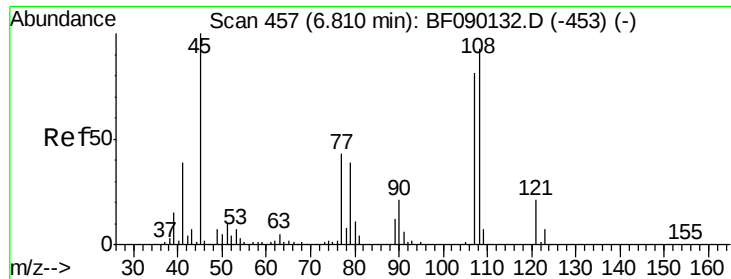
Tot Ion: 79 Resp: 305183
Ion Ratio Lower Upper
79 100
108 92.5 62.2 93.4
77 63.2 51.4 77.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.55 ng
RT: 6.82 min Scan# 458
Delta R.T. 0.00 min
Lab File: BF090132.D
Acq: 20 Sep 2016 12:07

Tgt Ion: 45 Resp: 543354
Ion Ratio Lower Upper
45 100
77 19.0 0.5 40.5
79 15.2 0.0 37.0

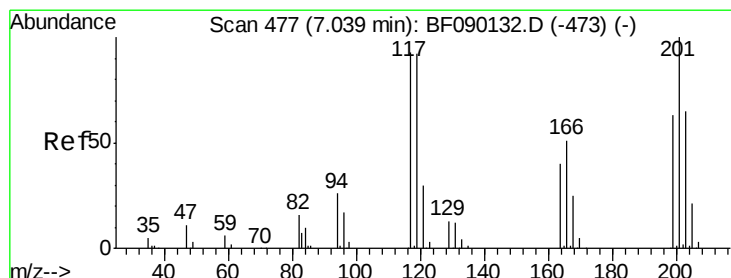
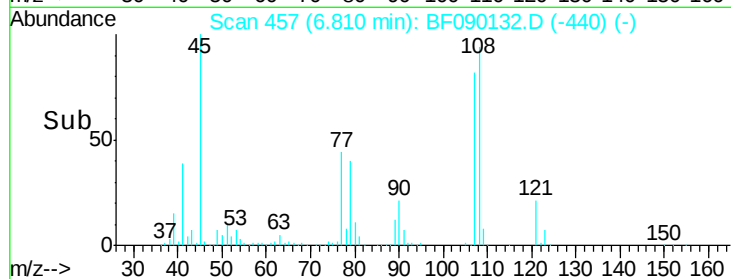
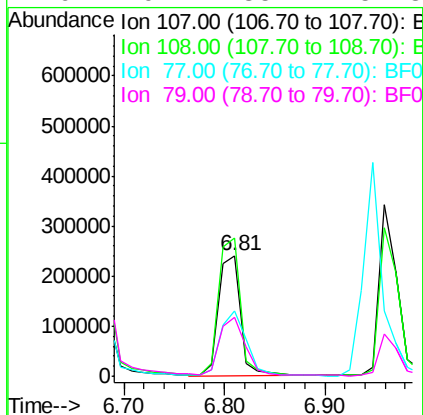
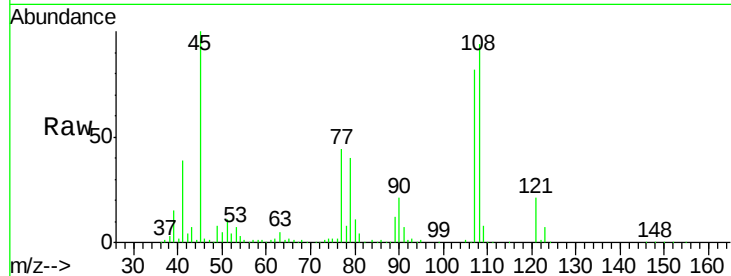




#17
2-Methylphenol
Concen: 36.91 ng
RT: 6.81 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF090132.D
Acq: 20 Sep 2016 12:07

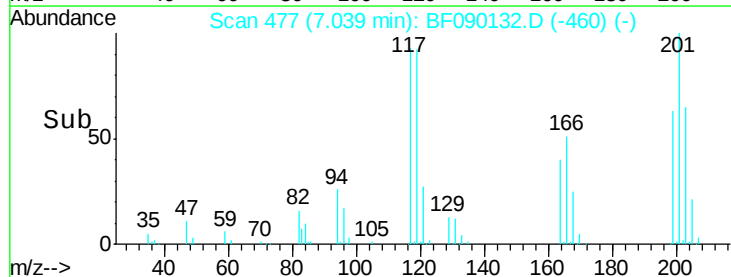
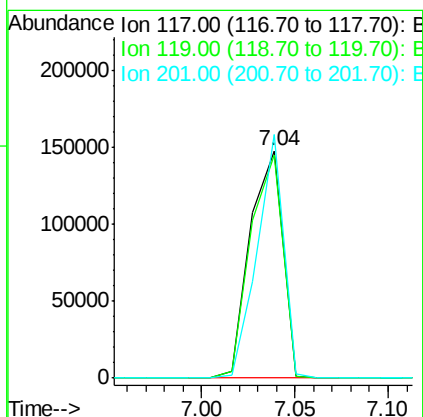
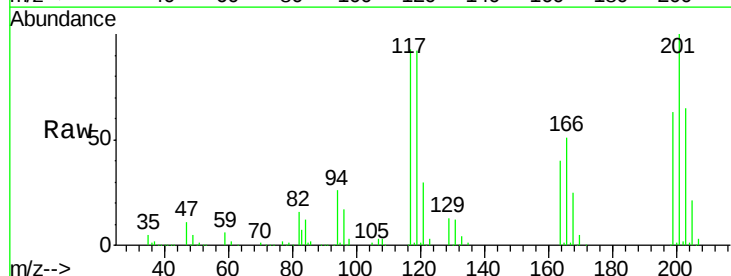
Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.3	92.0	138.0
77	53.7	35.6	53.4#
79	49.2	35.2	52.8



#18
Hexachloroethane
Concen: 37.88 ng
RT: 7.04 min Scan# 477
Delta R.T. 0.00 min
Lab File: BF090132.D
Acq: 20 Sep 2016 12:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.1	76.6	115.0
201	107.2	55.5	83.3#

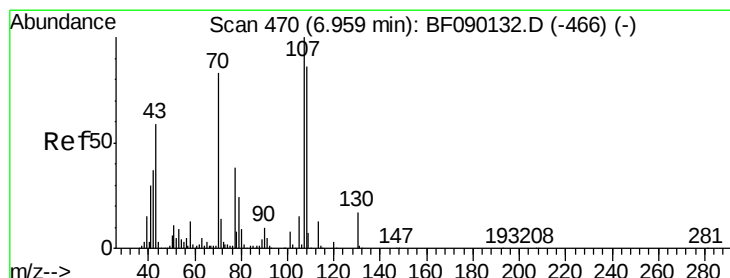
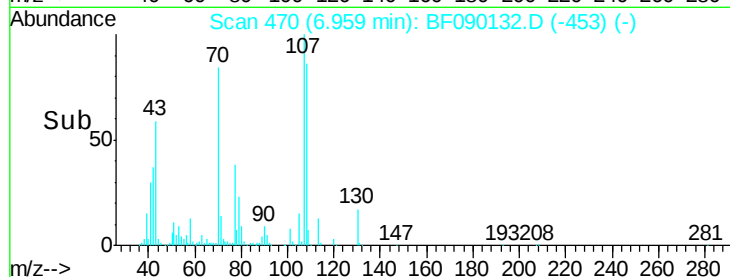
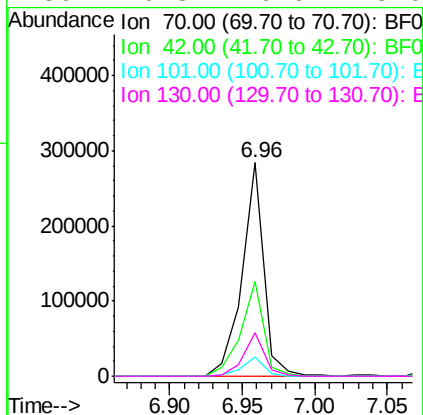
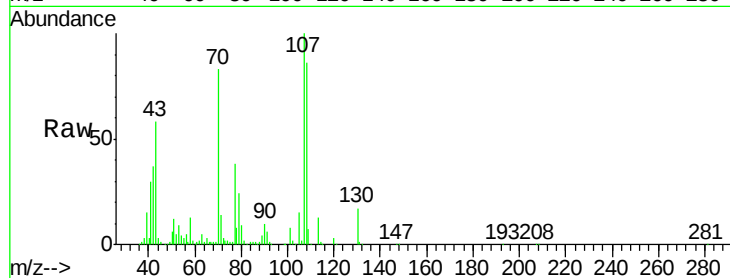




#19
n-Nitroso-di-n-propylamine
Concen: 34.17 ng
RT: 6.96 min Scan# 470
Delta R.T. 0.00 min
Lab File: BF090132.D
Acq: 20 Sep 2016 12:07

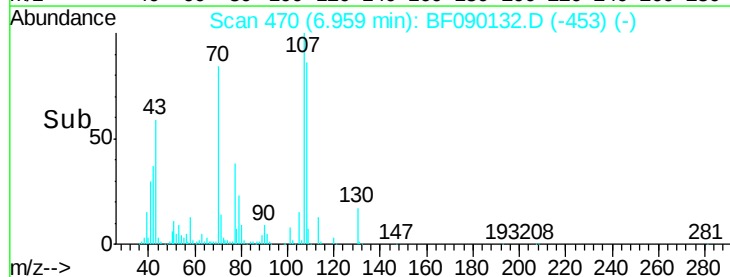
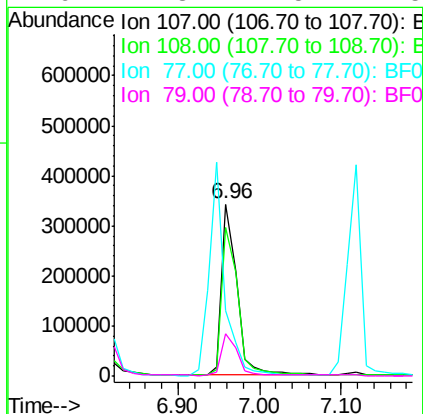
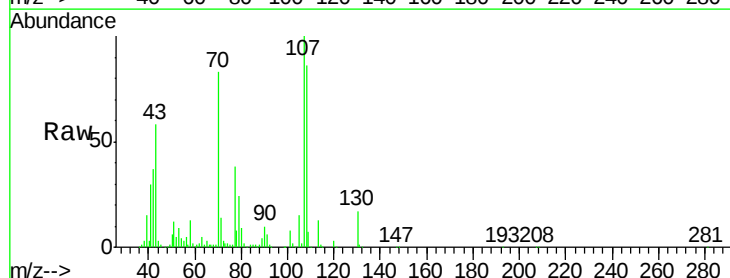
Instrument :
BNA_F
ClientSampleId :

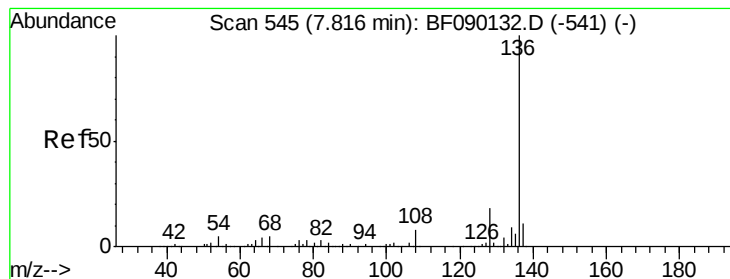
Tot Ion:	70	Resp:	295890
Ion	Ratio	Lower	Upper
70	100		
42	44.1	35.1	52.7
101	9.2	7.5	11.3
130	20.3	16.6	25.0



#20
3+4-Methylphenols
Concen: 36.66 ng
RT: 6.96 min Scan# 470
Delta R.T. 0.00 min
Lab File: BF090132.D
Acq: 20 Sep 2016 12:07

Tgt Ion:	107	Resp:	446426
Ion	Ratio	Lower	Upper
107	100		
108	86.2	73.3	113.3
77	38.1	14.1	54.1
79	24.3	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: BF090132.D

Acq: 20 Sep 2016 12:07

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 693616

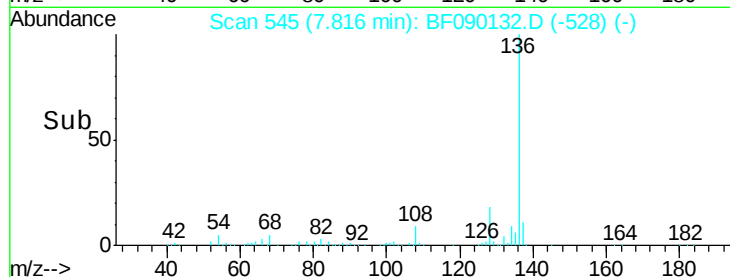
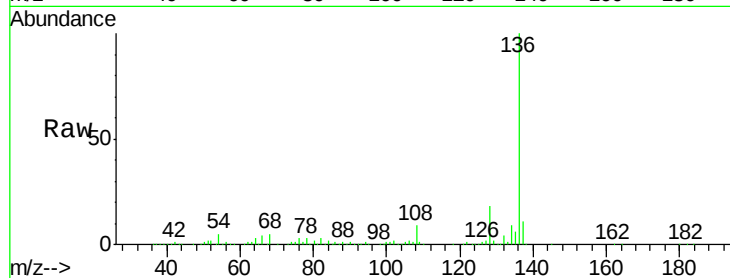
Ion Ratio Lower Upper

136 100

137 10.5 9.0 13.4

54 5.0 6.4 9.6#

68 5.2 6.3 9.5#

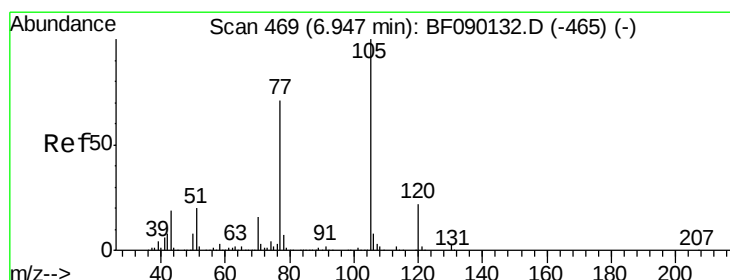
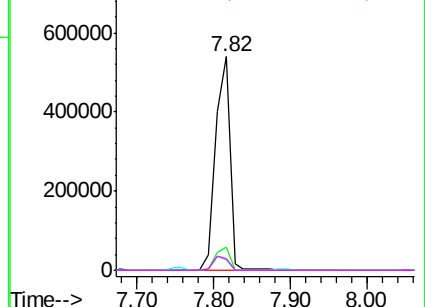


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.05 ng

RT: 6.95 min Scan# 469

Delta R.T. 0.00 min

Lab File: BF090132.D

Acq: 20 Sep 2016 12:07

Tgt Ion:105 Resp: 638895

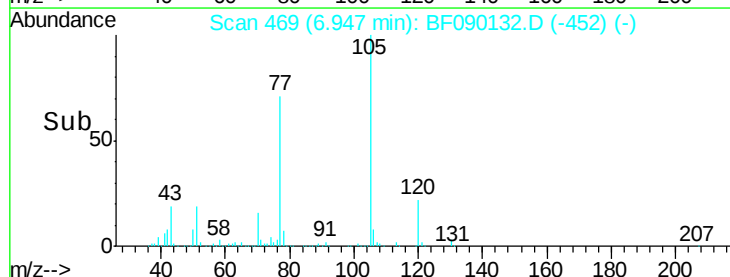
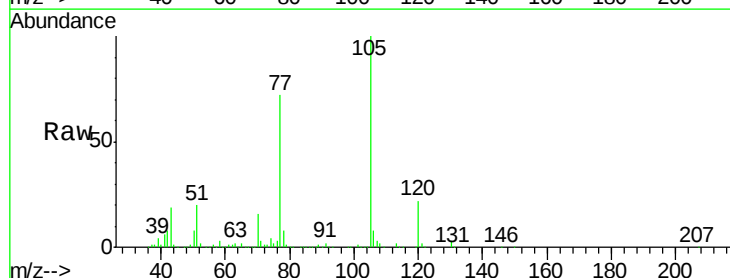
Ion Ratio Lower Upper

105 100

71 2.7 4.1 6.1#

51 19.8 16.2 24.2

120 21.6 18.2 27.2

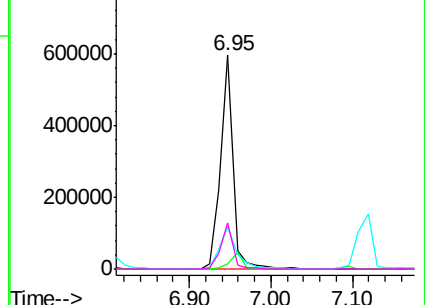


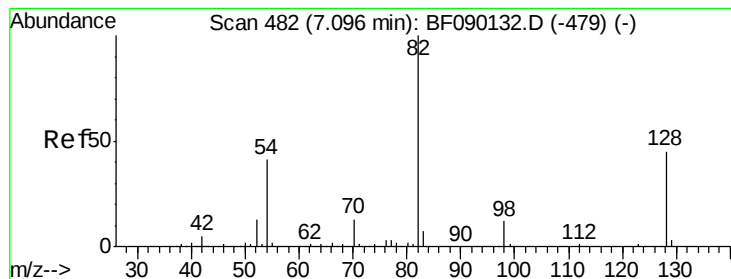
Abundance Ion 105.00 (104.70 to 105.70): E

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: 71.58 ng

RT: 7.10 min Scan# 482

Delta R.T. 0.00 min

Lab File: BF090132.D

Acq: 20 Sep 2016 12:07

Instrument :

BNA_F

ClientSampleId :

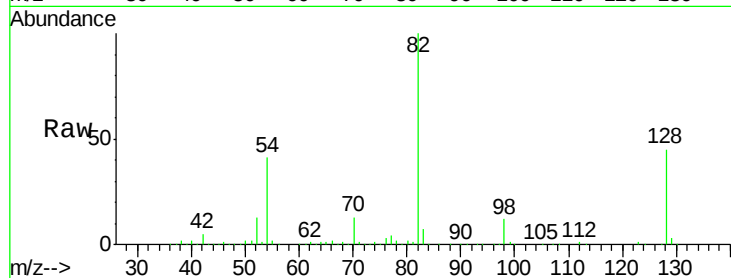
Tot Ion: 82 Resp: 883051

Ion Ratio Lower Upper

82 100

128 44.6 37.5 56.3

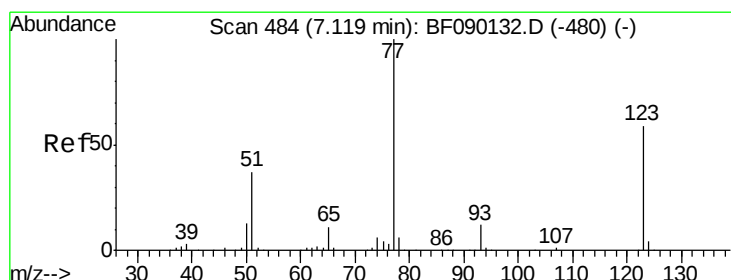
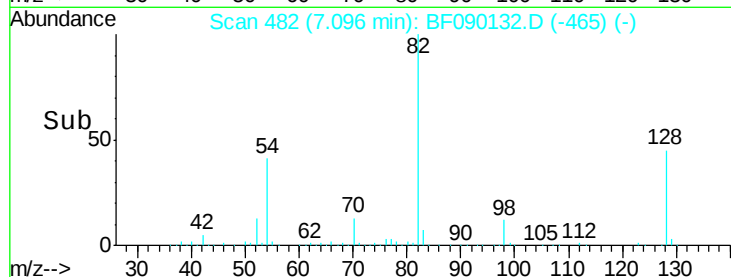
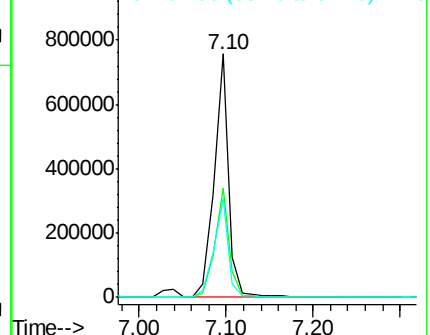
54 40.8 31.9 47.9



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 37.59 ng

RT: 7.12 min Scan# 484

Delta R.T. 0.00 min

Lab File: BF090132.D

Acq: 20 Sep 2016 12:07

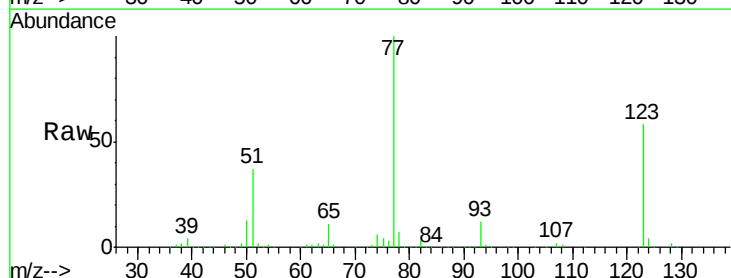
Tgt Ion: 77 Resp: 488419

Ion Ratio Lower Upper

77 100

123 58.3 33.4 50.2#

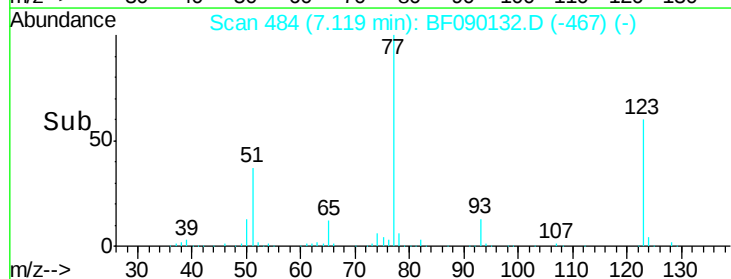
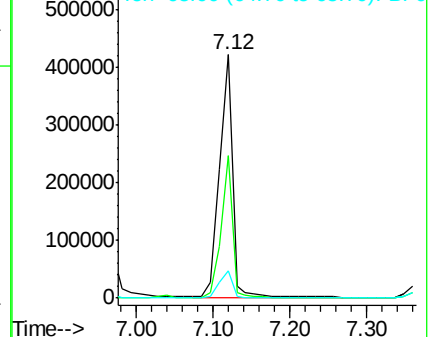
65 11.4 10.1 15.1

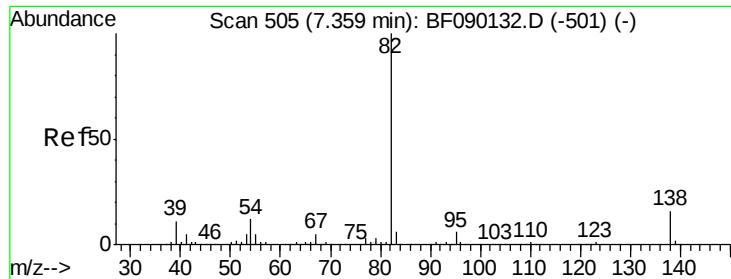


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 35.61 ng

RT: 7.36 min Scan# 505

Delta R.T. 0.00 min

Lab File: BF090132.D

Acq: 20 Sep 2016 12:07

Instrument :

BNA_F

ClientSampleId :

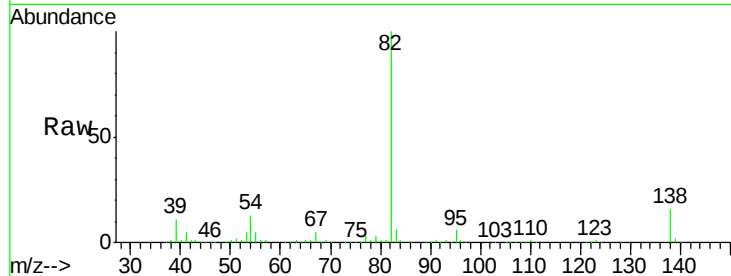
Tot Ion: 82 Resp: 919891

Ion Ratio Lower Upper

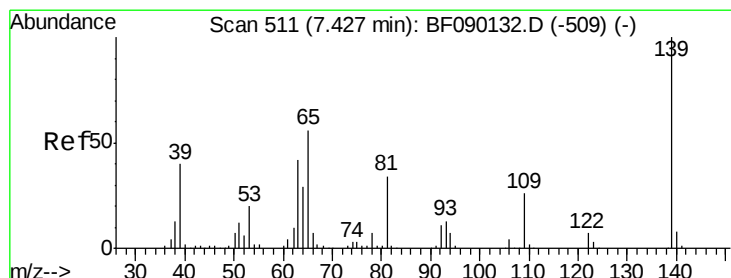
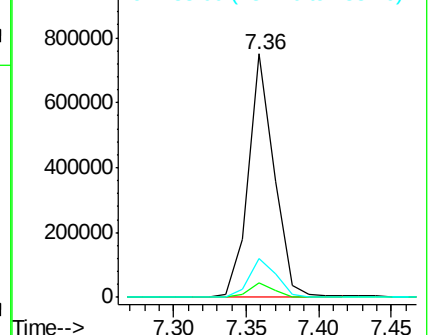
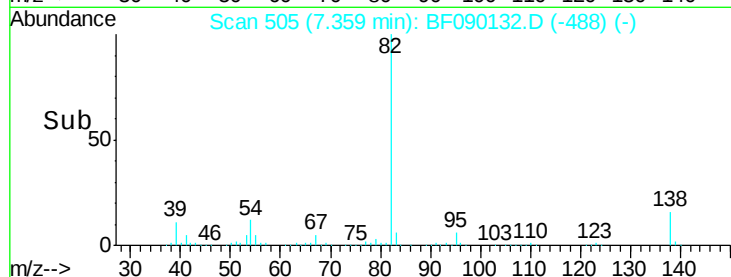
82 100

95 6.0 5.1 7.7

138 15.8 13.5 20.3



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



#26

2-Nitrophenol

Concen: 36.92 ng

RT: 7.43 min Scan# 511

Delta R.T. 0.00 min

Lab File: BF090132.D

Acq: 20 Sep 2016 12:07

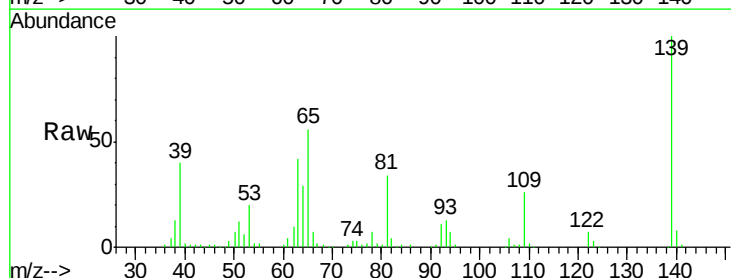
Tgt Ion: 139 Resp: 232614

Ion Ratio Lower Upper

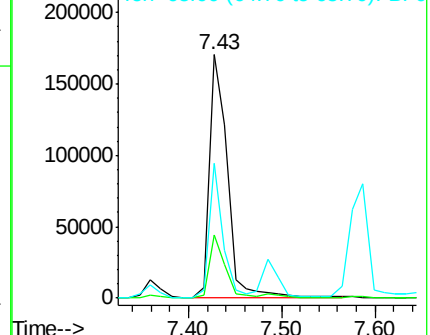
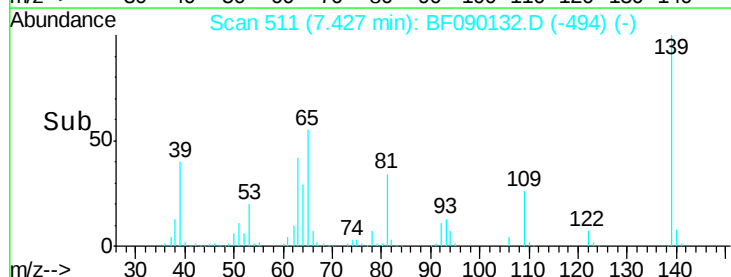
139 100

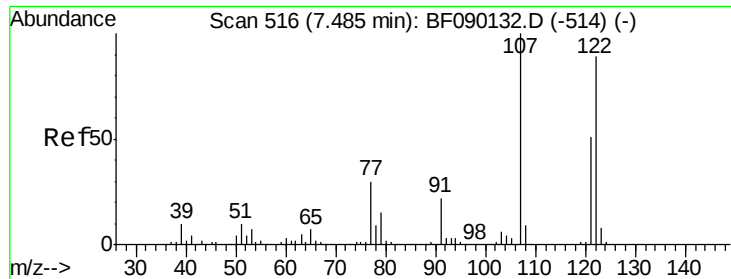
109 25.7 20.5 30.7

65 55.6 37.9 56.9



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

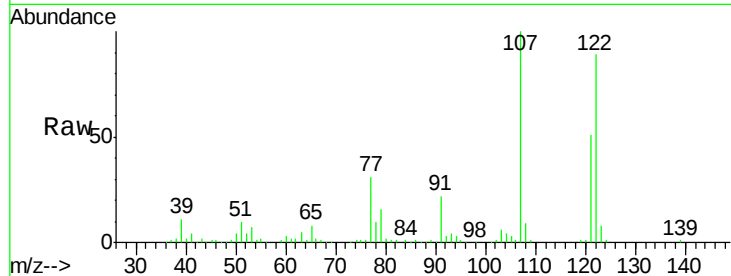




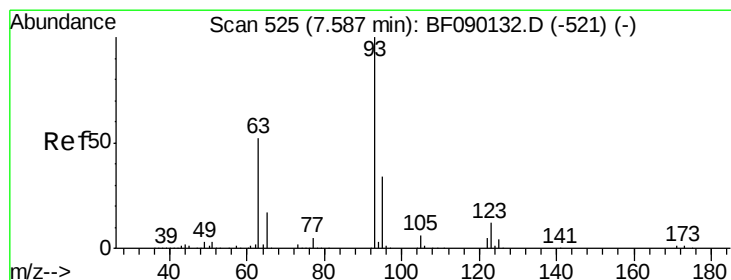
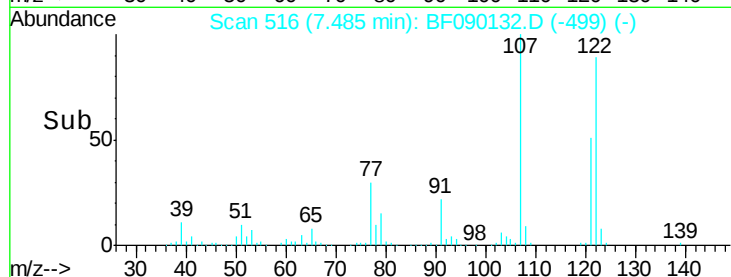
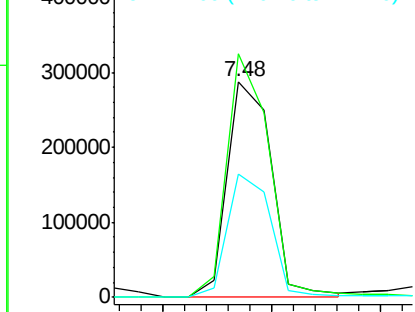
#27
 2,4-Dimethylphenol
 Concen: 36.47 ng
 RT: 7.48 min Scan# 516
 Delta R.T. 0.00 min
 Lab File: BF090132.D
 Acq: 20 Sep 2016 12:07

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
122	100		
107	112.8	87.8	131.6
121	57.3	45.7	68.5

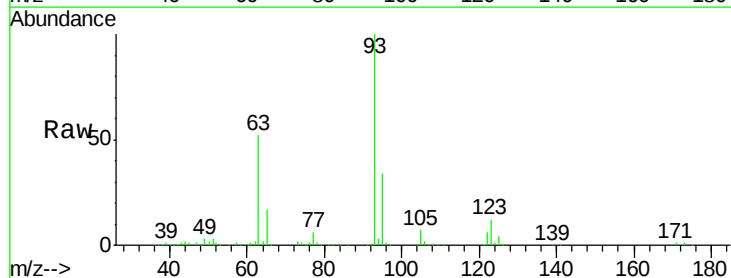


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

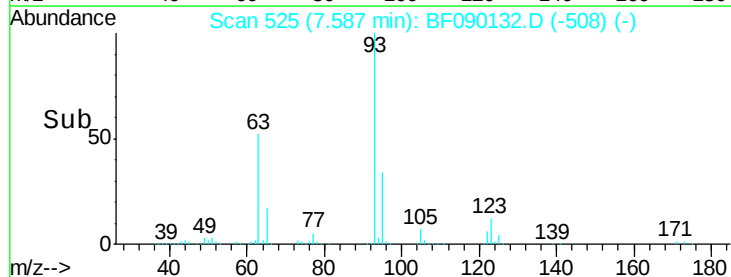
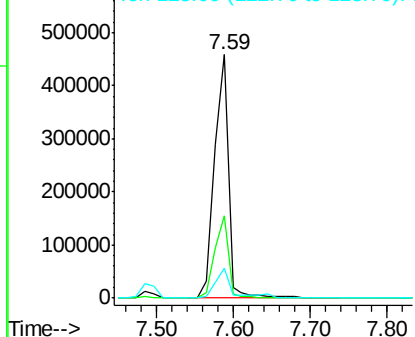


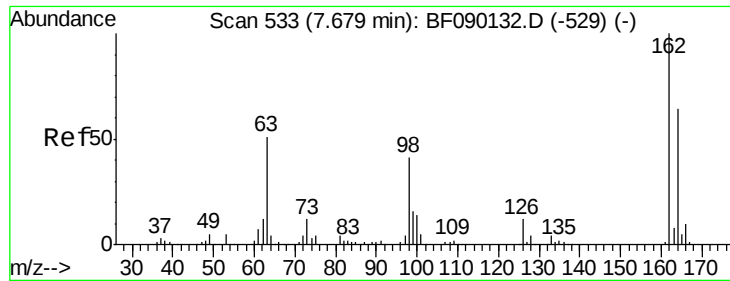
#28
 bis(2-Chloroethoxy)methane
 Concen: 37.71 ng
 RT: 7.59 min Scan# 525
 Delta R.T. 0.00 min
 Lab File: BF090132.D
 Acq: 20 Sep 2016 12:07

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.8	26.8	40.2
123	12.4	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

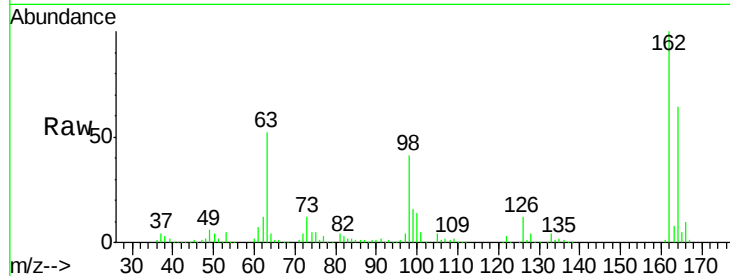




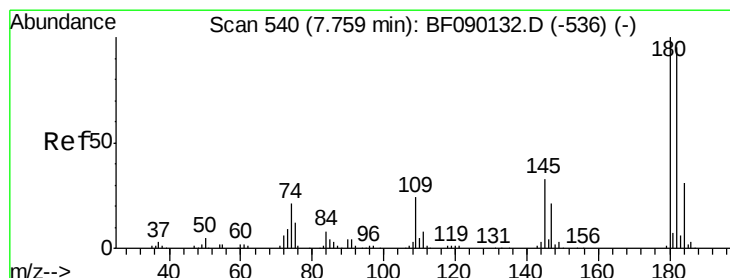
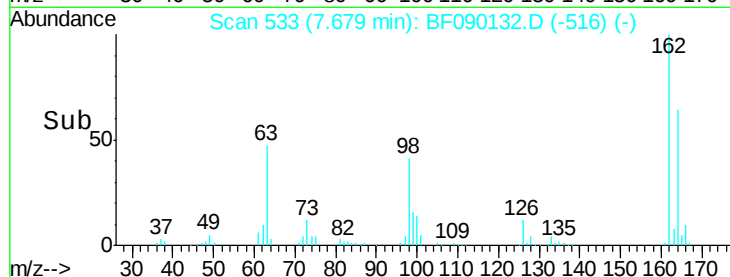
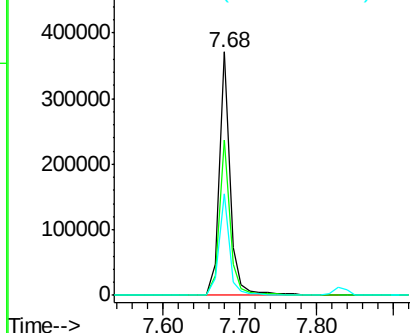
#29
 2,4-Dichlorophenol
 Concen: 37.58 ng
 RT: 7.68 min Scan# 533
 Delta R.T. 0.00 min
 Lab File: BF090132.D
 Acq: 20 Sep 2016 12:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.0	46.2	86.2
98	41.5	10.4	50.4

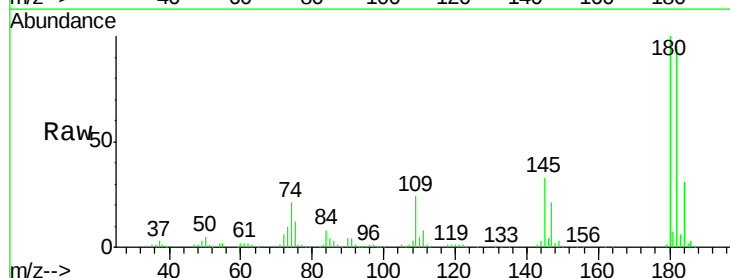


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

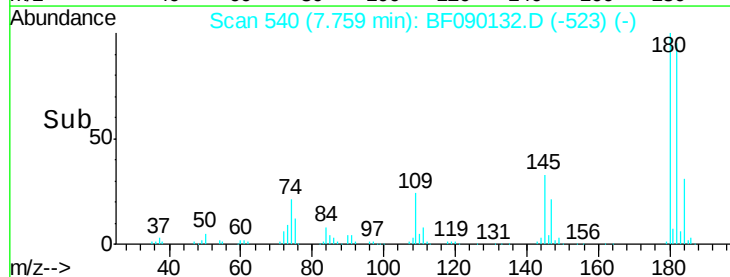
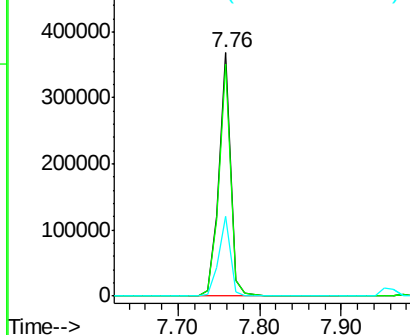


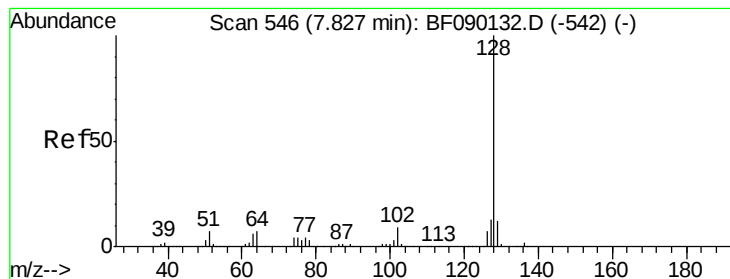
#30
 1,2,4-Trichlorobenzene
 Concen: 37.82 ng
 RT: 7.76 min Scan# 540
 Delta R.T. 0.00 min
 Lab File: BF090132.D
 Acq: 20 Sep 2016 12:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	75.0	112.6
145	32.7	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: 36.94 ng

RT: 7.83 min Scan# 546

Delta R.T. 0.00 min

Lab File: BF090132.D

Acq: 20 Sep 2016 12:07

Instrument :

BNA_F

ClientSampleId :

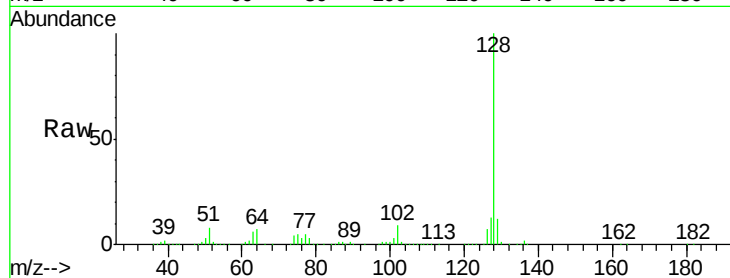
Tot Ion:128 Resp: 1259582

Ion Ratio Lower Upper

128 100

129 11.8 9.3 13.9

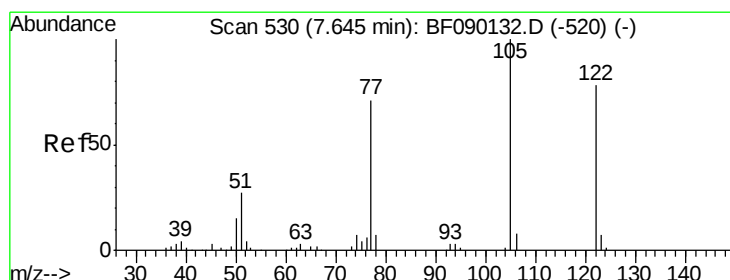
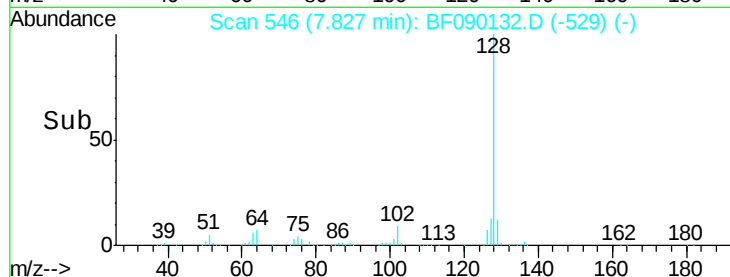
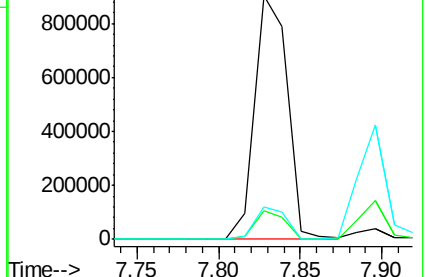
127 13.2 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 38.76 ng

RT: 7.64 min Scan# 530

Delta R.T. 0.00 min

Lab File: BF090132.D

Acq: 20 Sep 2016 12:07

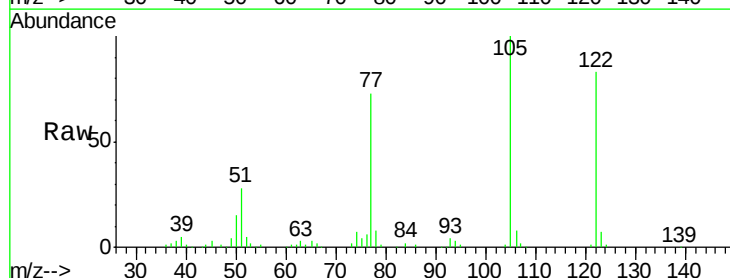
Tgt Ion:122 Resp: 308725

Ion Ratio Lower Upper

122 100

105 121.0 105.0 145.0

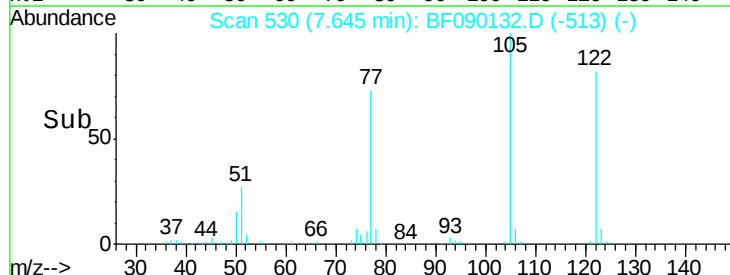
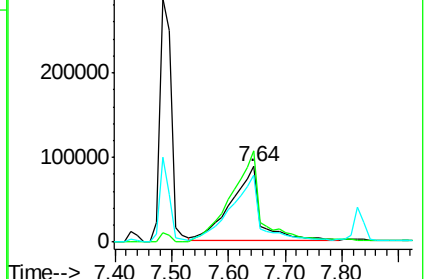
77 88.5 70.4 110.4

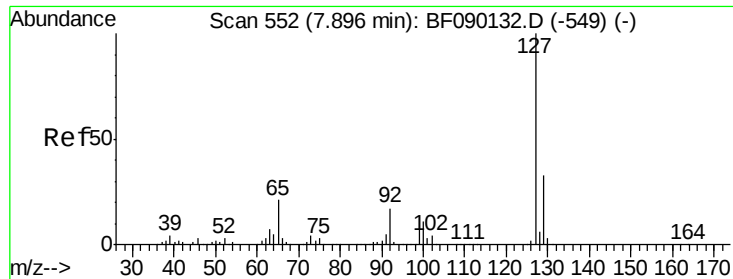


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

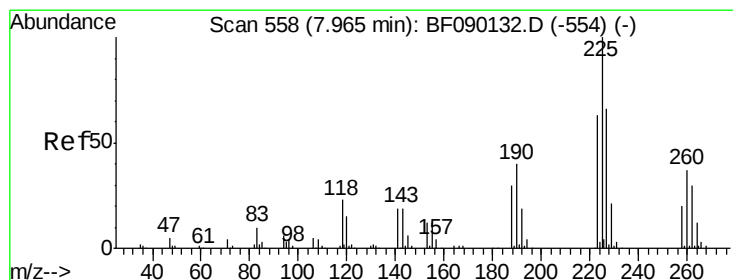
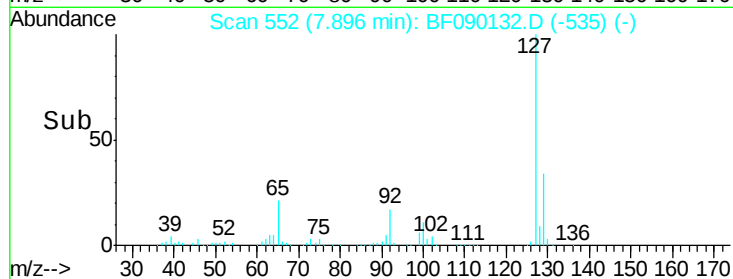
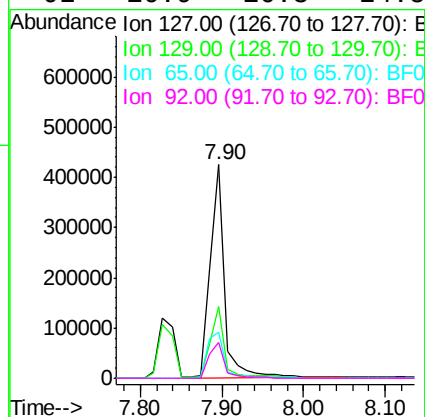
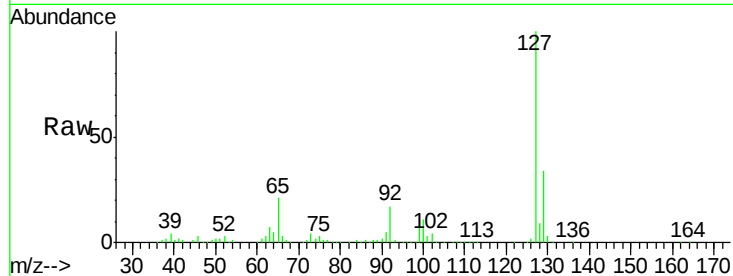




#33
4-Chloroaniline
Concen: 36.71 ng
RT: 7.90 min Scan# 552
Delta R.T. 0.00 min
Lab File: BF090132.D
Acq: 20 Sep 2016 12:07

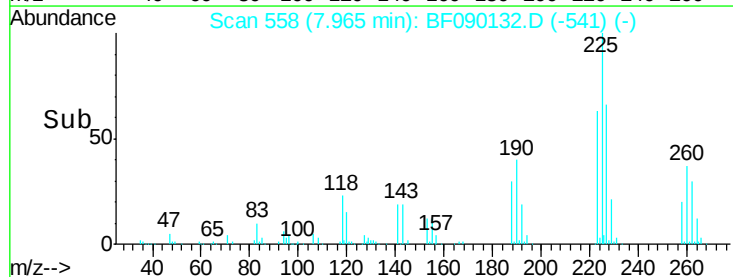
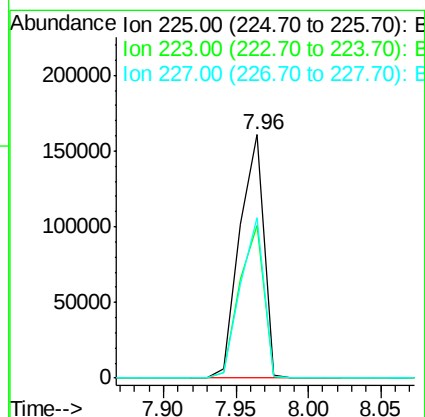
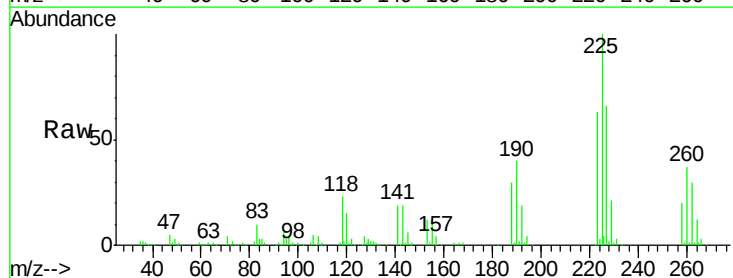
Instrument :
BNA_F
ClientSampleId :

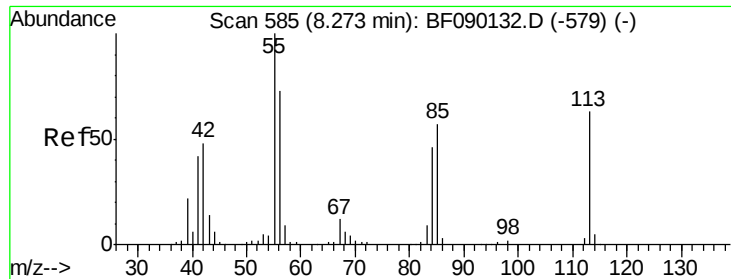
Tot Ion:	127	Resp:	532625
Ion	Ratio	Lower	Upper
127	100		
129	33.5	25.8	38.6
65	21.4	24.1	36.1#
92	16.9	16.3	24.5



#34
Hexachlorobutadiene
Concen: 37.64 ng
RT: 7.96 min Scan# 558
Delta R.T. 0.00 min
Lab File: BF090132.D
Acq: 20 Sep 2016 12:07

Tgt Ion:	225	Resp:	186200
Ion	Ratio	Lower	Upper
225	100		
223	63.0	51.3	76.9
227	65.7	51.4	77.0

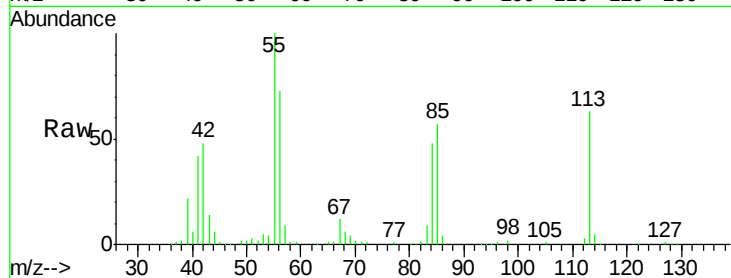




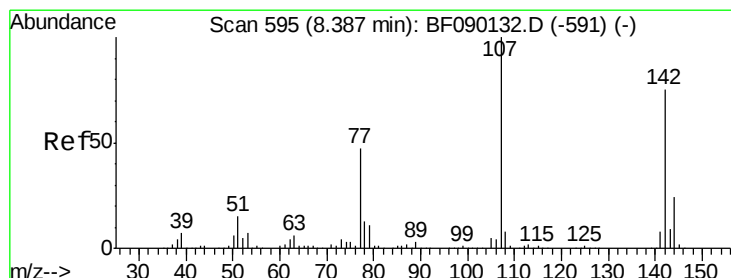
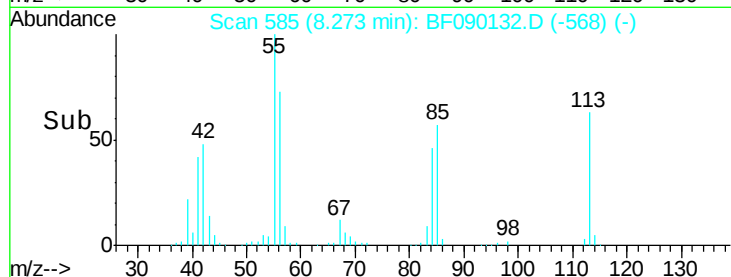
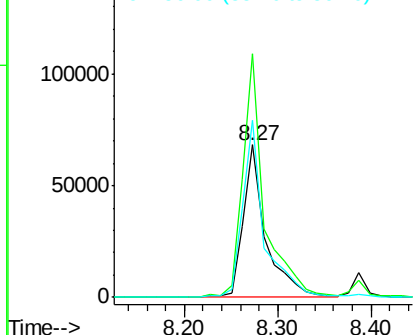
#35
Caprolactam
Concen: 34.97 ng
RT: 8.27 min Scan# 585
Delta R.T. 0.00 min
Lab File: BF090132.D
Acq: 20 Sep 2016 12:07

Instrument :
BNA_F
ClientSampled :

Tot Ion:113 Resp: 114356
Ion Ratio Lower Upper
113 100
55 159.8 134.5 174.5
56 116.0 93.7 133.7

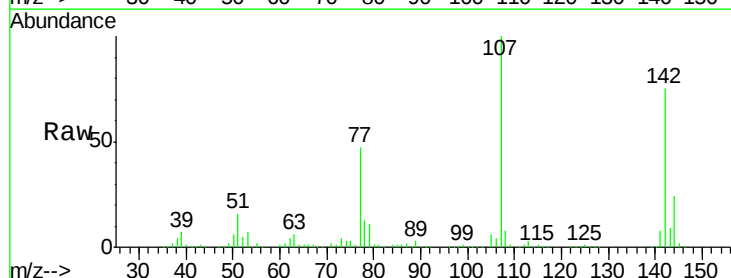


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

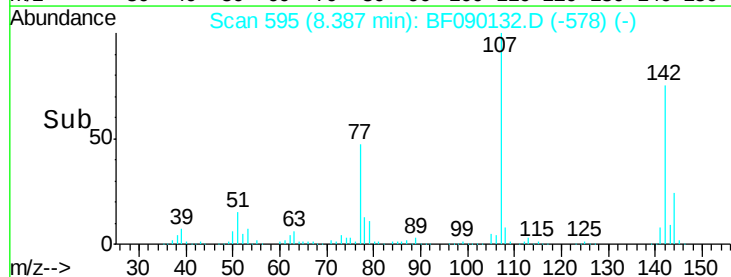
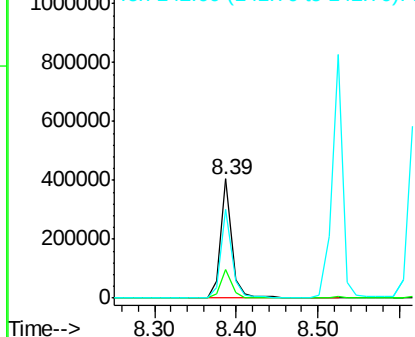


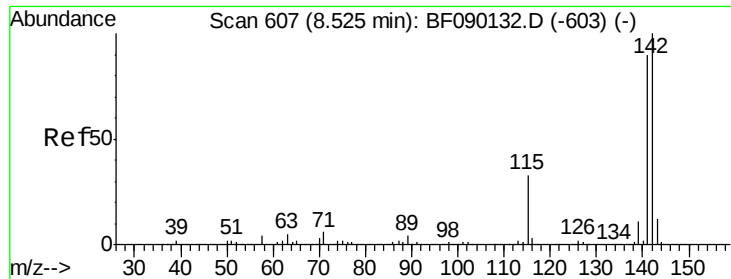
#36
4-Chloro-3-methylphenol
Concen: 34.79 ng
RT: 8.39 min Scan# 595
Delta R.T. 0.00 min
Lab File: BF090132.D
Acq: 20 Sep 2016 12:07

Tgt Ion:107 Resp: 395520
Ion Ratio Lower Upper
107 100
144 24.3 18.6 27.8
142 74.8 57.0 85.6



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

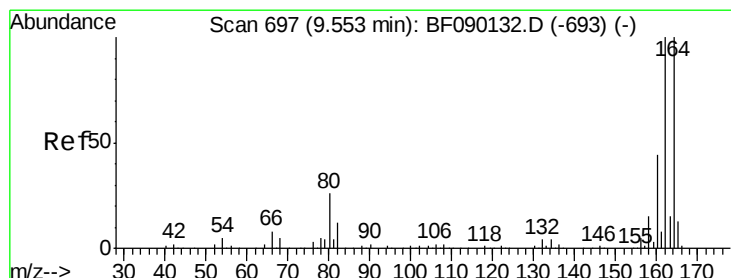
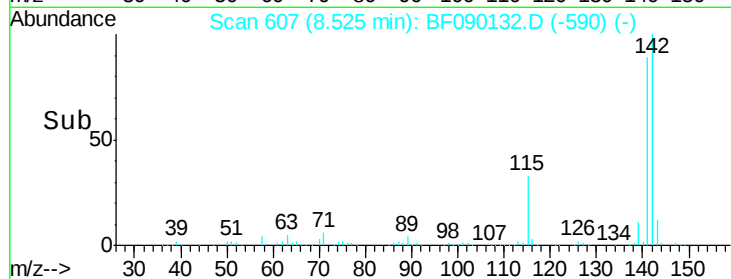
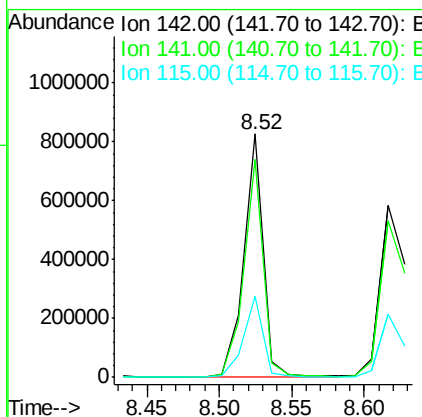
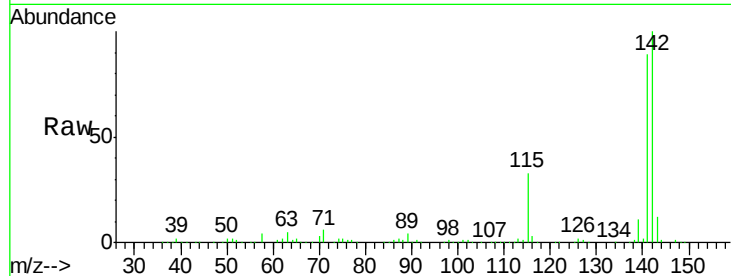




#37
 2-Methylnaphthalene
 Concen: 36.35 ng
 RT: 8.52 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: BF090132.D
 Acq: 20 Sep 2016 12:07

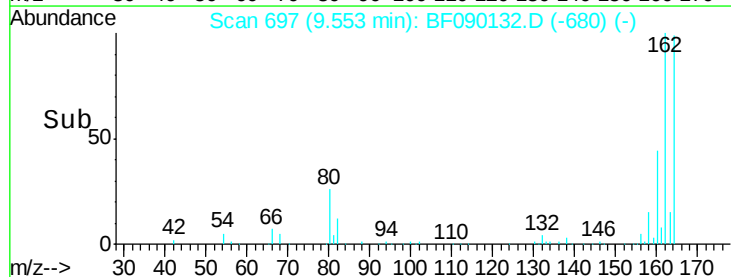
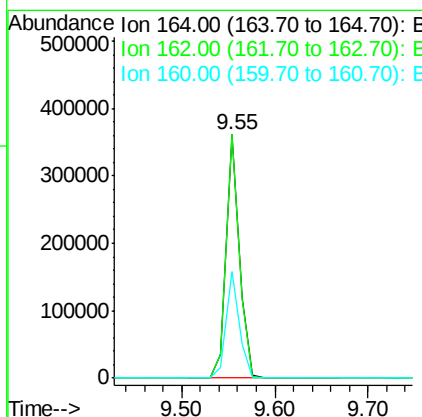
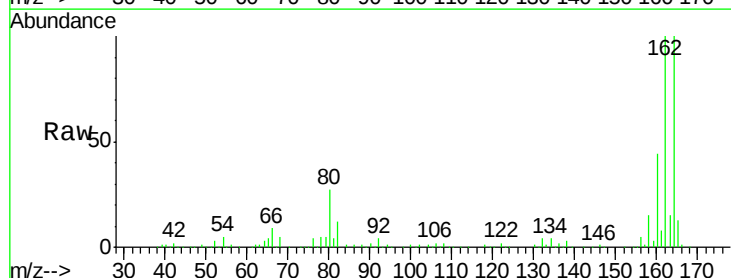
Instrument :
 BNA_F
 ClientSampled :

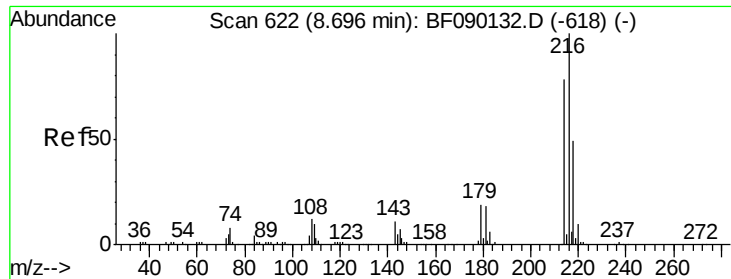
Tot Ion:142 Resp: 768723
 Ion Ratio Lower Upper
 142 100
 141 89.3 71.4 107.2
 115 33.1 28.3 42.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.55 min Scan# 697
 Delta R.T. 0.00 min
 Lab File: BF090132.D
 Acq: 20 Sep 2016 12:07

Tgt Ion:164 Resp: 358110
 Ion Ratio Lower Upper
 164 100
 162 99.9 81.4 122.2
 160 43.7 36.6 54.8

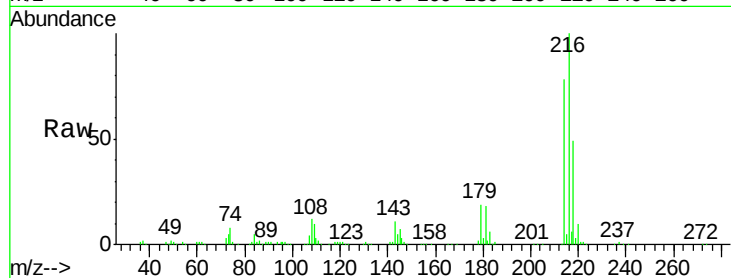




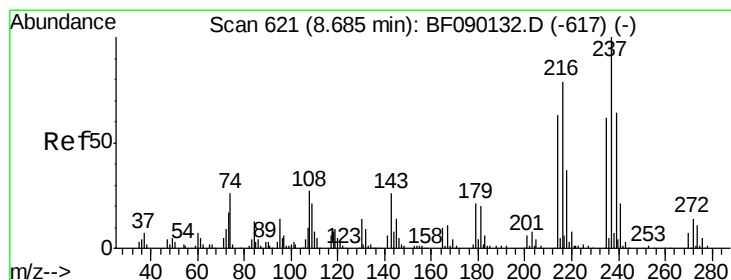
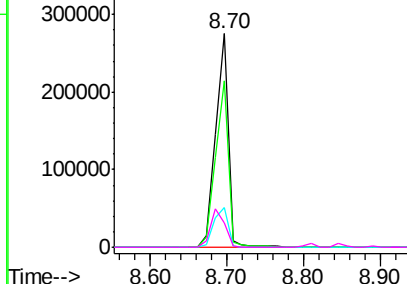
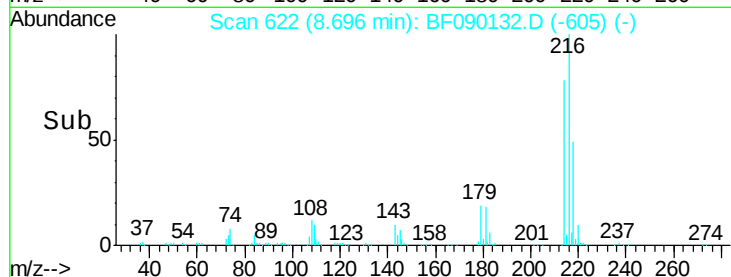
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 34.10 ng
 RT: 8.70 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF090132.D
 Acq: 20 Sep 2016 12:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	314038
Ion Ratio	Lower	Upper
216	100	
214	78.5	63.7 95.5
179	21.3	18.5 27.7
108	20.6	19.5 29.3

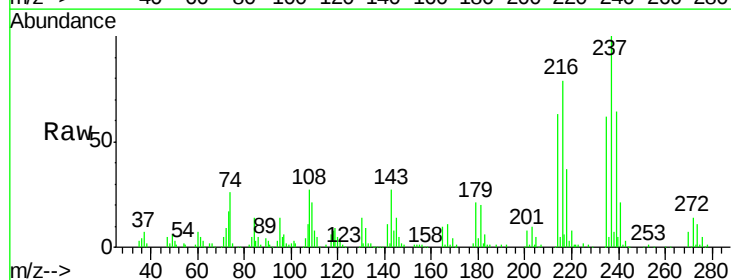


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

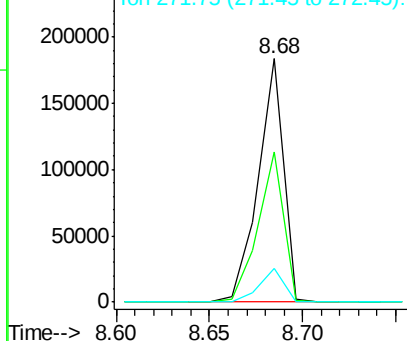
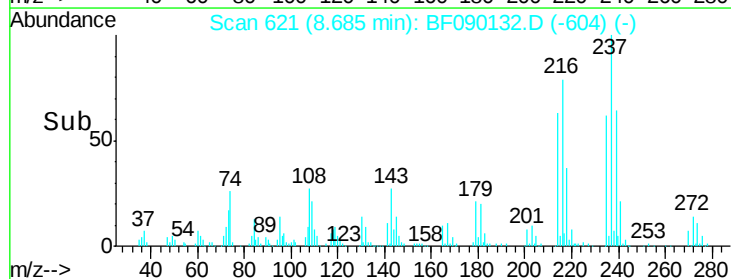


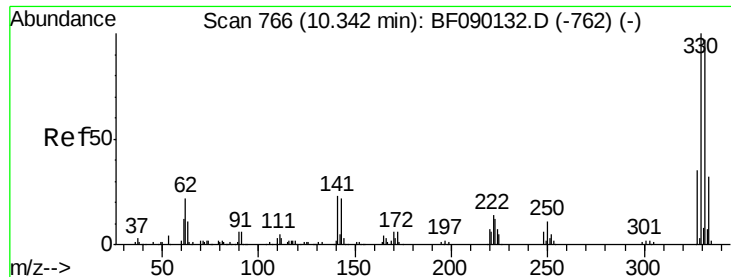
#40
 Hexachlorocyclopentadiene
 Concen: 35.89 ng
 RT: 8.68 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: BF090132.D
 Acq: 20 Sep 2016 12:07

Tgt Ion:237	Resp:	171733
Ion Ratio	Lower	Upper
237	100	
235	61.7	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

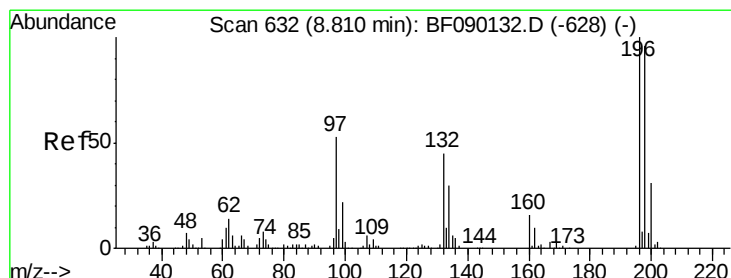
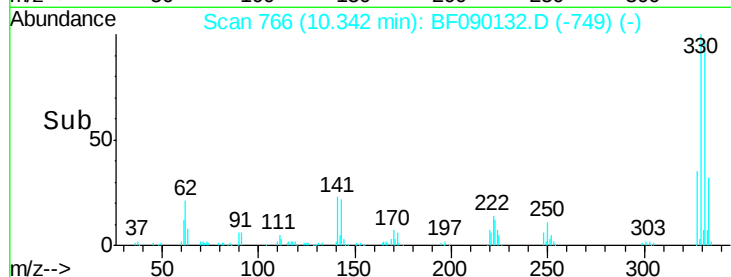
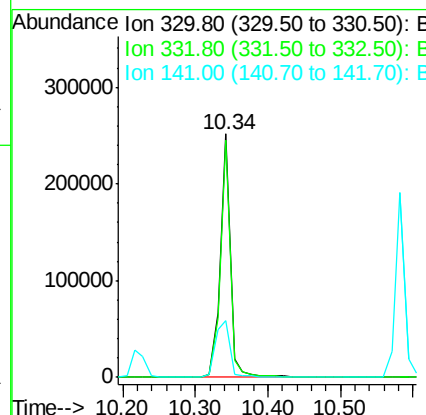
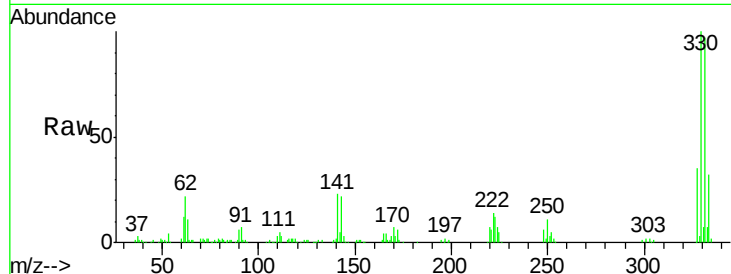




#41
 2,4,6-Tribromophenol
 Concen: 68.42 ng
 RT: 10.34 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: BF090132.D
 Acq: 20 Sep 2016 12:07

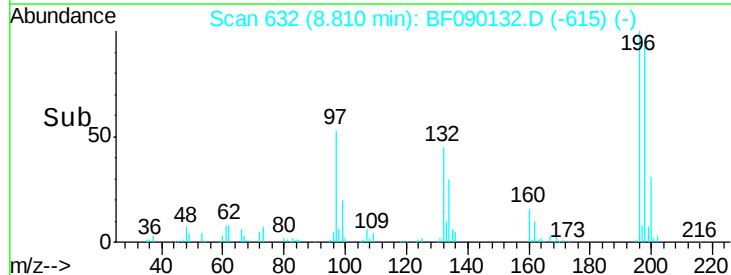
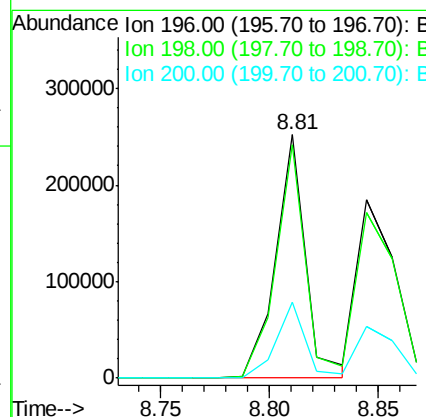
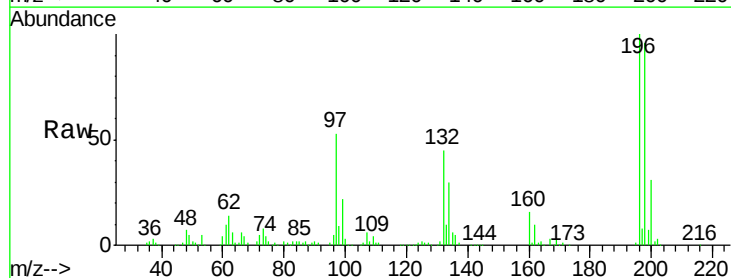
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	78.1	117.1
141	33.4	23.9	35.9



#42
 2,4,6-Trichlorophenol
 Concen: 36.56 ng
 RT: 8.81 min Scan# 632
 Delta R.T. 0.00 min
 Lab File: BF090132.D
 Acq: 20 Sep 2016 12:07

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.1	76.3	114.5
200	31.0	24.1	36.1

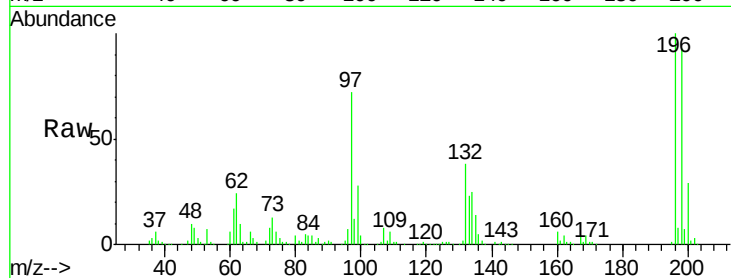




#43
 2,4,5-Trichlorophenol
 Concen: 32.58 ng
 RT: 8.84 min Scan# 635
 Delta R.T. 0.00 min
 Lab File: BF090132.D
 Acq: 20 Sep 2016 12:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	93.4	76.6	114.8
97	72.4	34.4	51.6
132	38.0	22.2	33.2



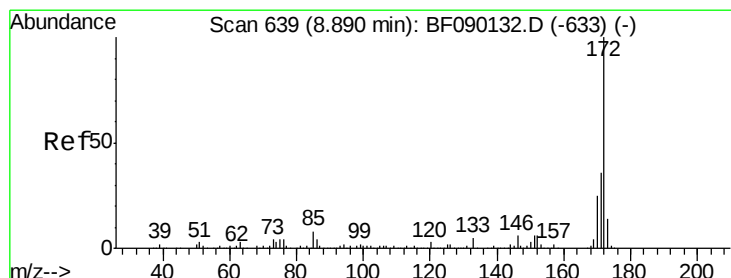
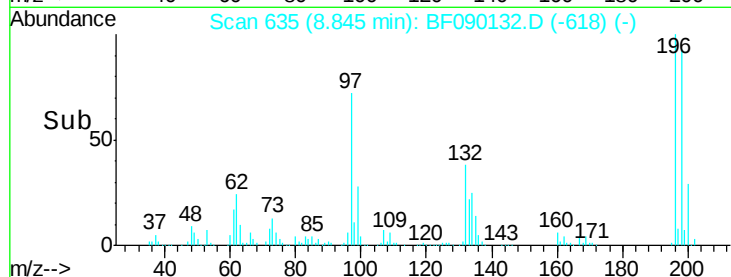
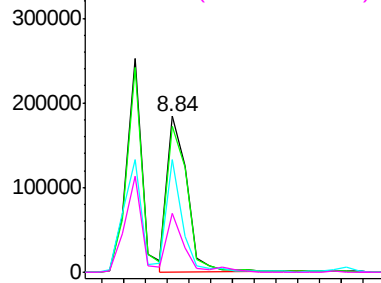
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

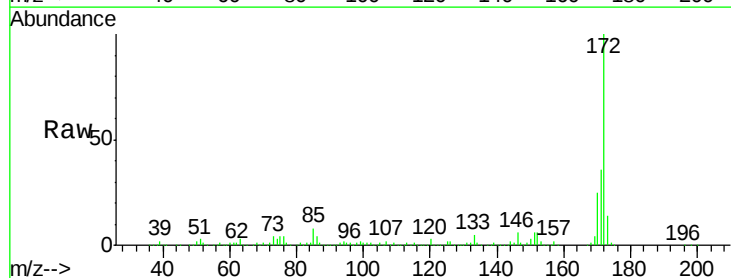
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 60.16 ng
 RT: 8.89 min Scan# 639
 Delta R.T. 0.00 min
 Lab File: BF090132.D
 Acq: 20 Sep 2016 12:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.2	43.8
170	24.7	19.8	29.8

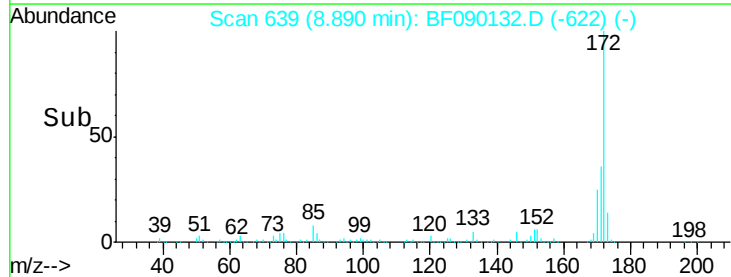
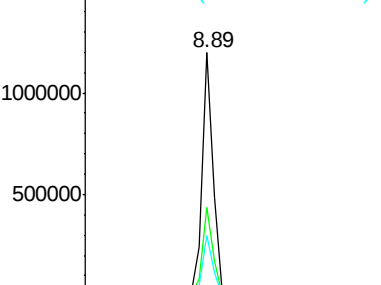


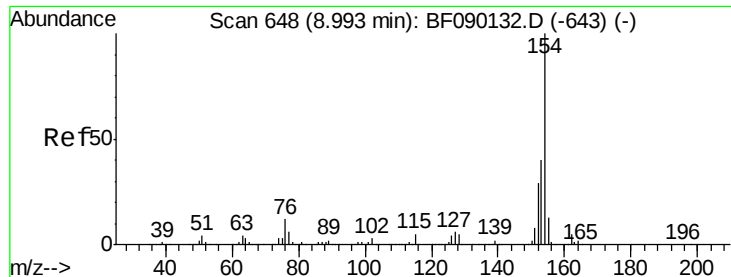
Abundance

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



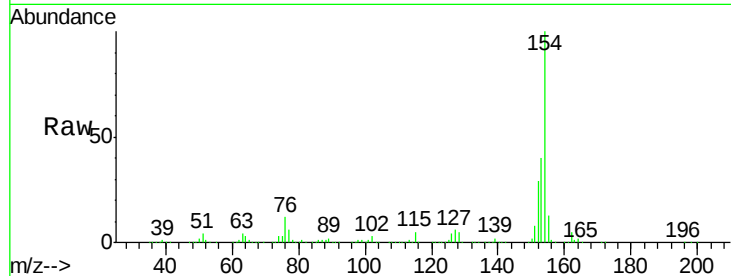


#45
 1,1'-Biphenyl
 Concen: 35.48 ng
 RT: 8.99 min Scan# 648
 Delta R.T. 0.00 min
 Lab File: BF090132.D
 Acq: 20 Sep 2016 12:07

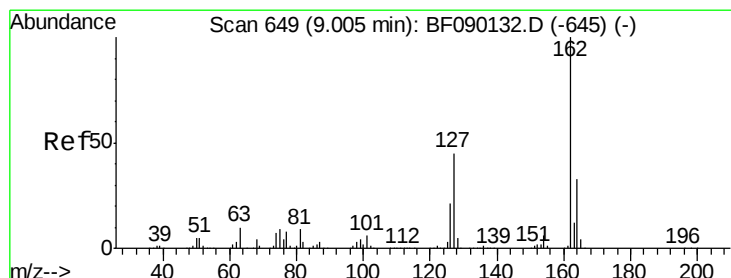
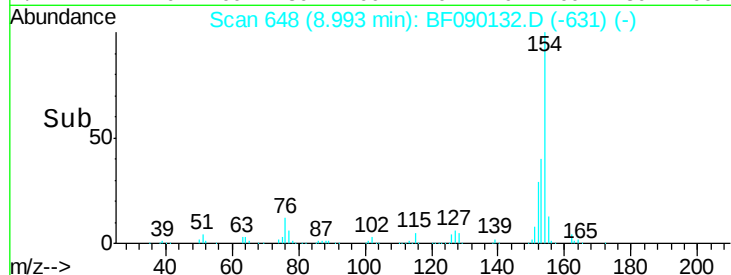
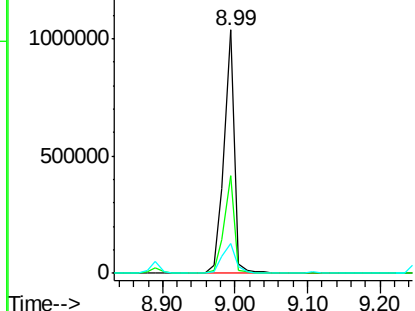
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1039717

Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.6	60.6
76	12.4	0.0	36.7



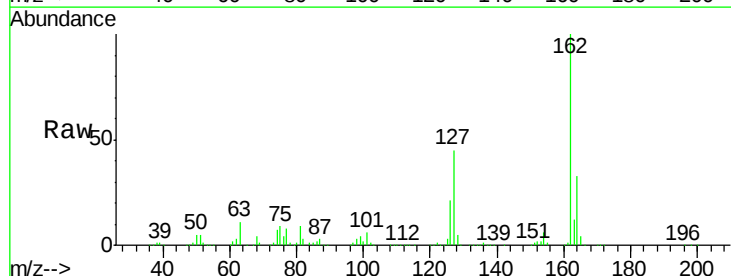
Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0



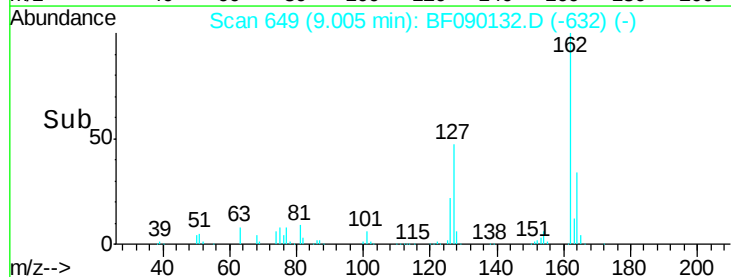
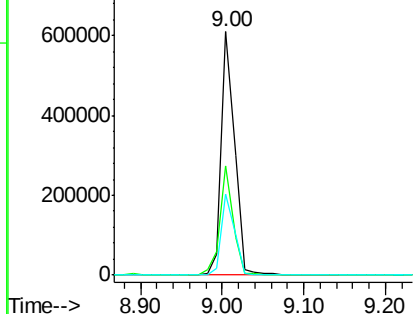
#46
 2-Chloronaphthalene
 Concen: 31.69 ng
 RT: 9.00 min Scan# 649
 Delta R.T. 0.00 min
 Lab File: BF090132.D
 Acq: 20 Sep 2016 12:07

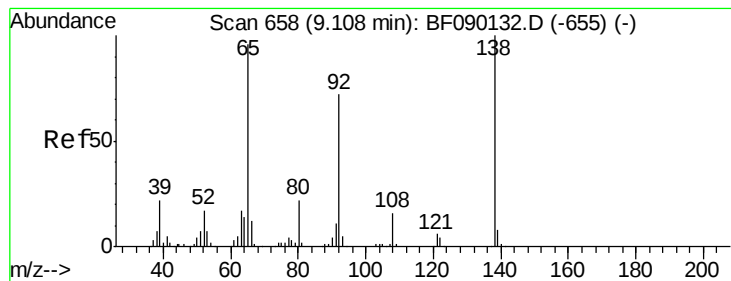
Tgt Ion:162 Resp: 688104

Ion	Ratio	Lower	Upper
162	100		
127	45.0	34.0	51.0
164	33.1	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: 30.69 ng

RT: 9.11 min Scan# 658

Delta R.T. 0.00 min

Lab File: BF090132.D

Acq: 20 Sep 2016 12:07

Instrument :

BNA_F

ClientSampled :

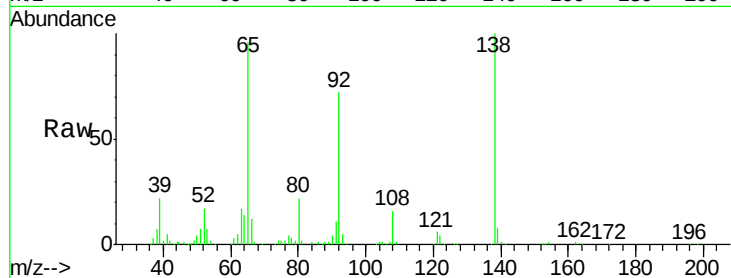
Tot Ion: 65 Resp: 212766

Ion Ratio Lower Upper

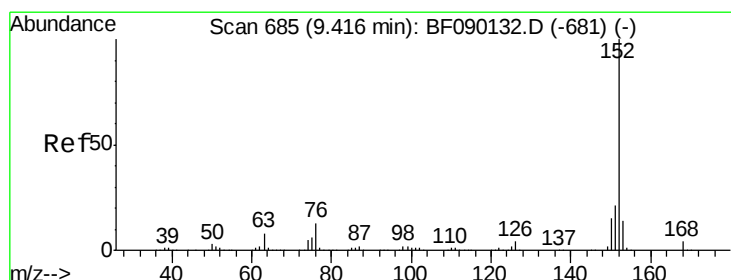
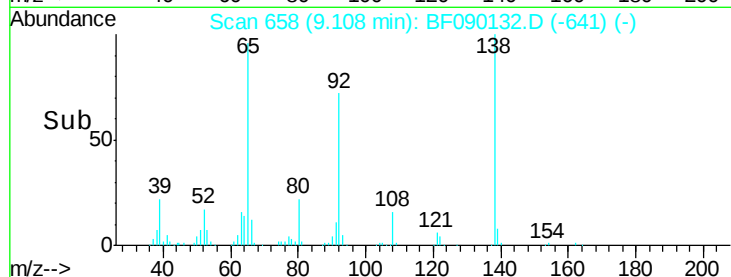
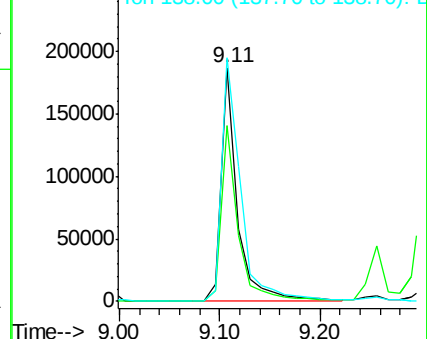
65 100

92 75.0 66.1 99.1

138 104.1 104.1 156.1#



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): E



#48

Acenaphthylene

Concen: 31.25 ng

RT: 9.42 min Scan# 685

Delta R.T. 0.00 min

Lab File: BF090132.D

Acq: 20 Sep 2016 12:07

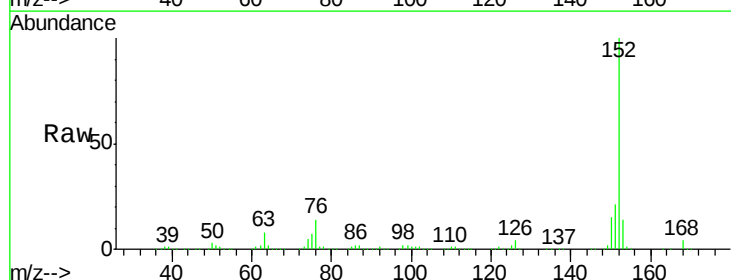
Tgt Ion: 152 Resp: 1139482

Ion Ratio Lower Upper

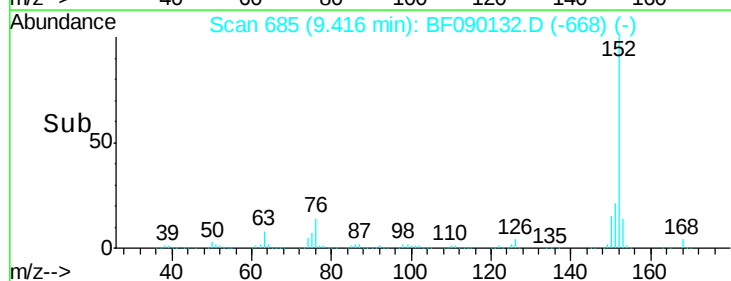
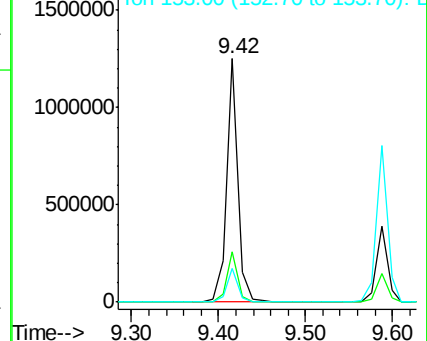
152 100

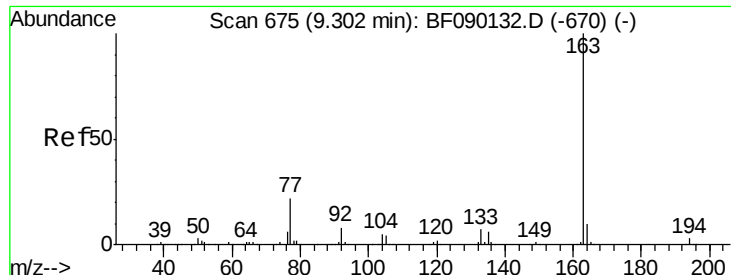
151 20.6 16.5 24.7

153 13.7 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

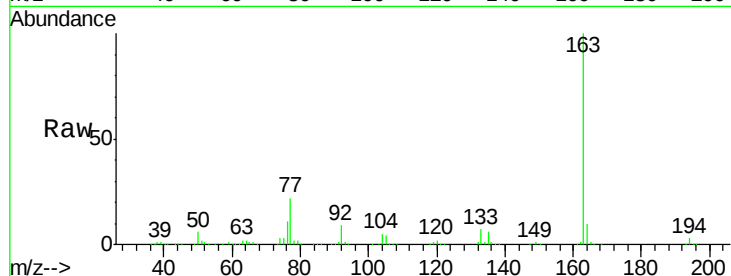




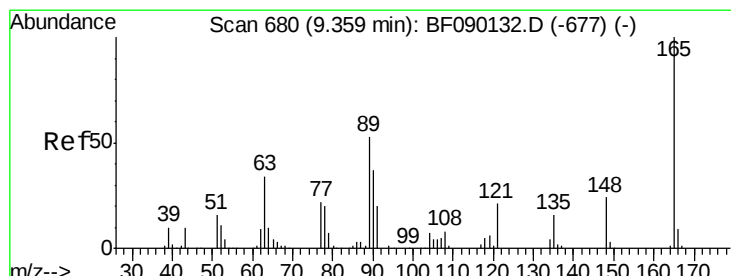
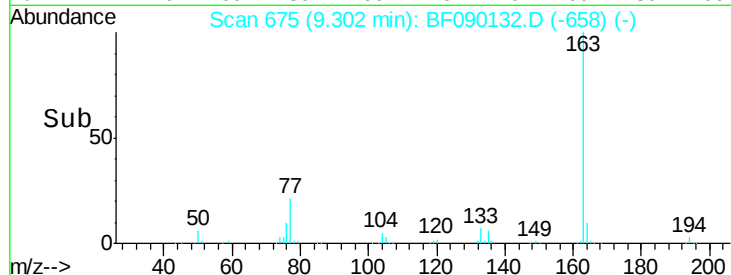
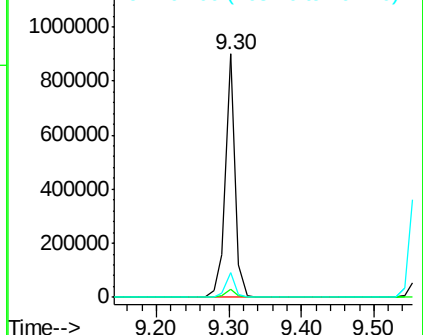
#49
Dimethylphthalate
Concen: 31.44 ng
RT: 9.30 min Scan# 675
Delta R.T. 0.00 min
Lab File: BF090132.D
Acq: 20 Sep 2016 12:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 836399
Ion Ratio Lower Upper
163 100
194 3.1 2.8 4.2
164 10.3 8.1 12.1

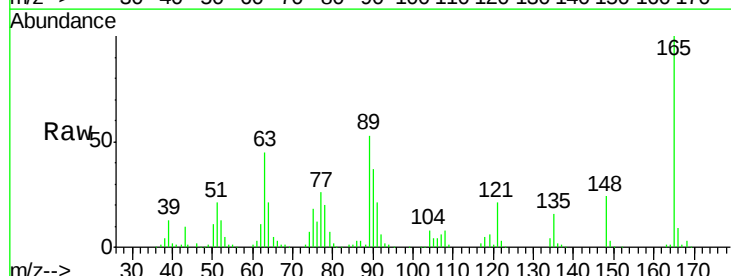


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

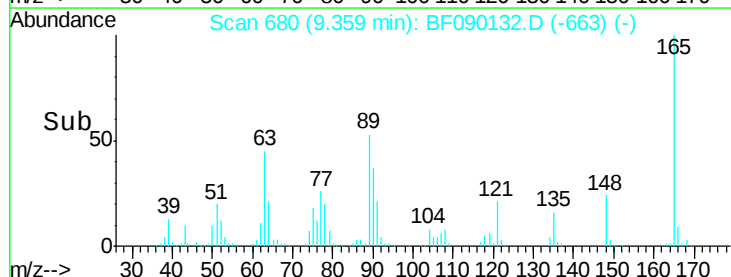
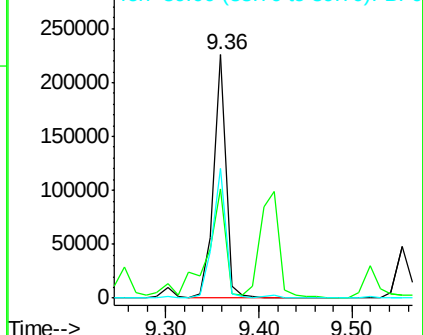


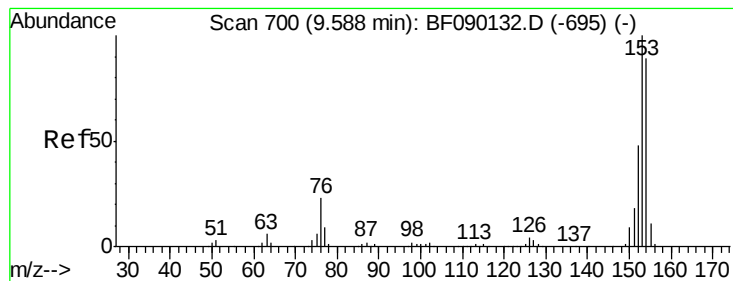
#50
2,6-Dinitrotoluene
Concen: 35.02 ng
RT: 9.36 min Scan# 680
Delta R.T. 0.00 min
Lab File: BF090132.D
Acq: 20 Sep 2016 12:07

Tgt Ion:165 Resp: 208161
Ion Ratio Lower Upper
165 100
63 45.0 49.9 74.9#
89 53.2 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: 34.81 ng

RT: 9.59 min Scan# 700

Delta R.T. 0.00 min

Lab File: BF090132.D

Acq: 20 Sep 2016 12:07

Instrument :

BNA_F

ClientSampled :

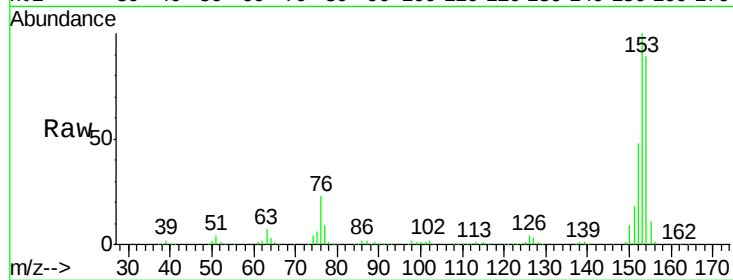
Tot Ion:154 Resp: 708938

Ion Ratio Lower Upper

154 100

153 112.1 90.8 136.2

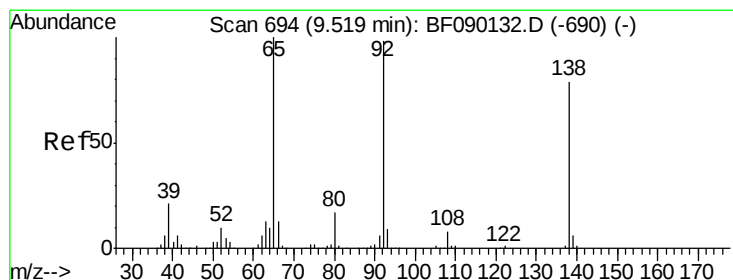
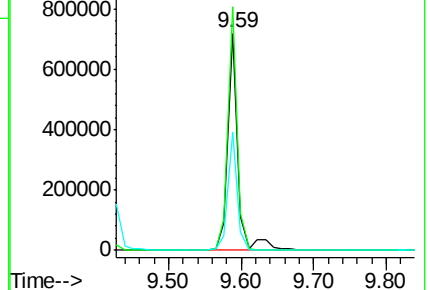
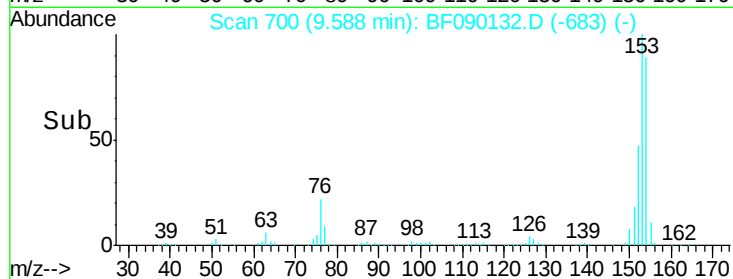
152 54.3 44.2 66.4



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: 31.67 ng

RT: 9.52 min Scan# 694

Delta R.T. 0.00 min

Lab File: BF090132.D

Acq: 20 Sep 2016 12:07

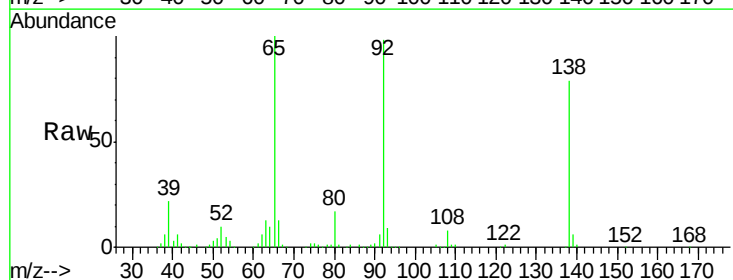
Tgt Ion:138 Resp: 228999

Ion Ratio Lower Upper

138 100

108 10.2 7.8 11.6

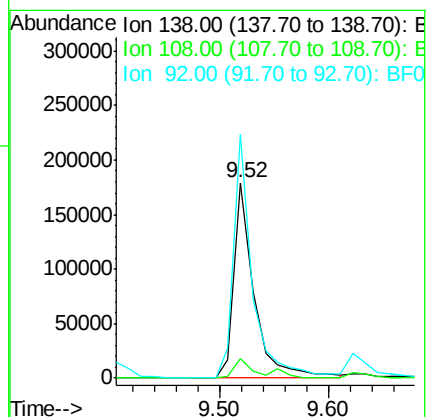
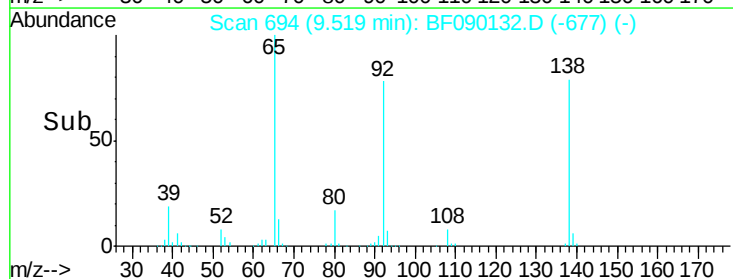
92 124.7 90.7 136.1

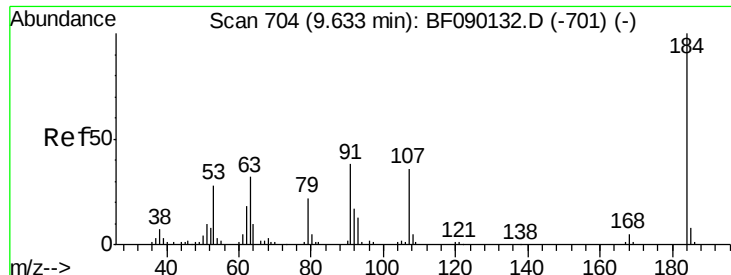


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

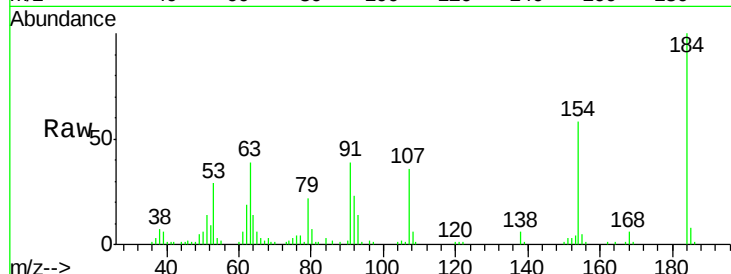




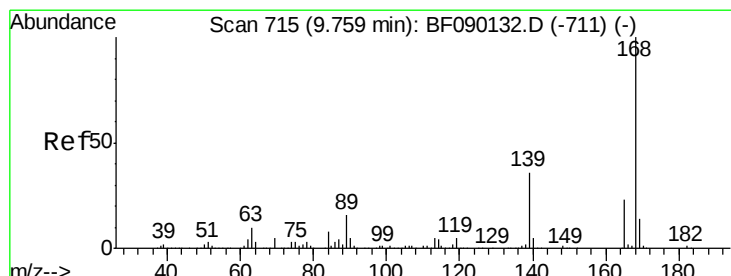
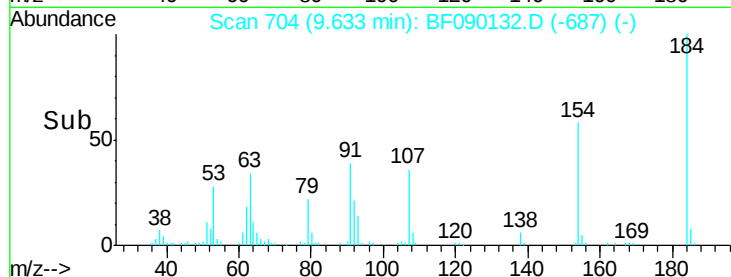
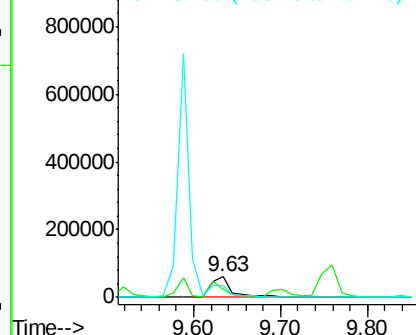
#53
 2,4-Dinitrophenol
 Concen: 31.54 ng
 RT: 9.63 min Scan# 704
 Delta R.T. 0.00 min
 Lab File: BF090132.D
 Acq: 20 Sep 2016 12:07

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 101937
 Ion Ratio Lower Upper
 184 100
 63 39.1 44.6 67.0#
 154 57.5 49.7 74.5

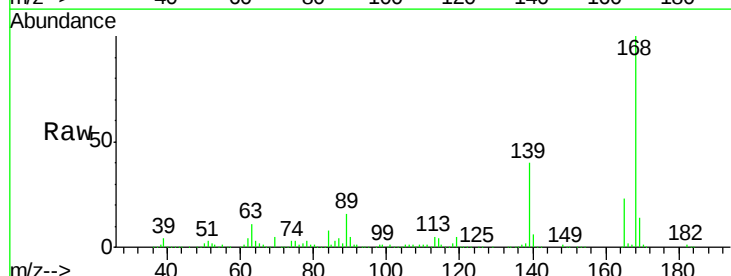


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

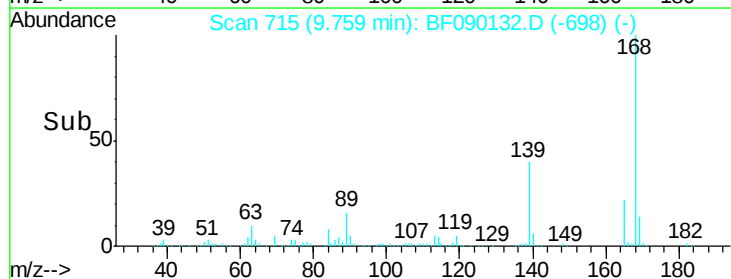
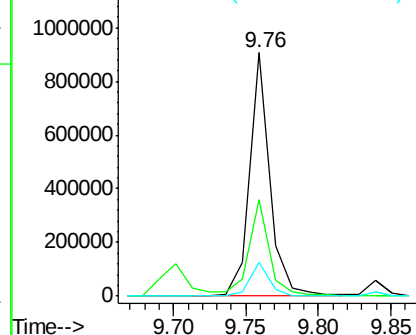


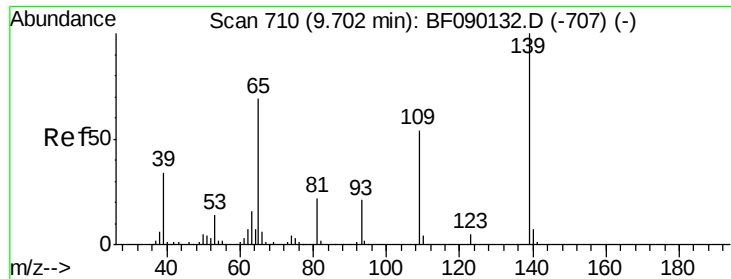
#54
 Dibenzofuran
 Concen: 31.23 ng
 RT: 9.76 min Scan# 715
 Delta R.T. 0.00 min
 Lab File: BF090132.D
 Acq: 20 Sep 2016 12:07

Tgt Ion:168 Resp: 879662
 Ion Ratio Lower Upper
 168 100
 139 39.7 28.8 43.2
 169 13.9 10.7 16.1



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

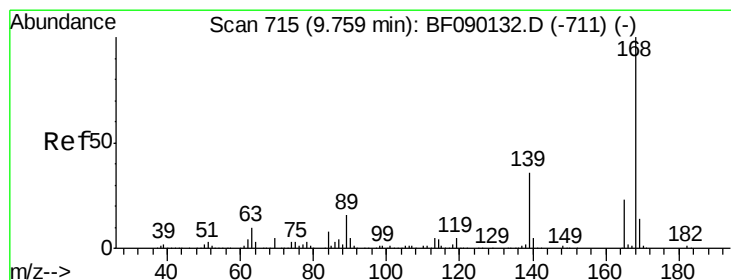
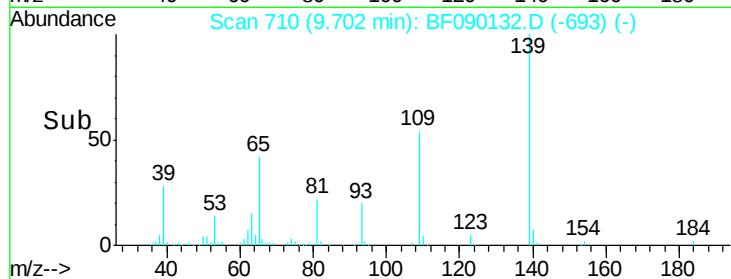
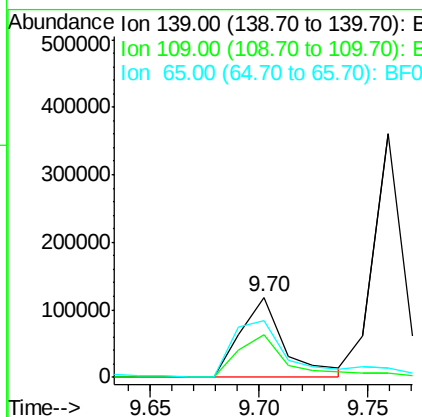
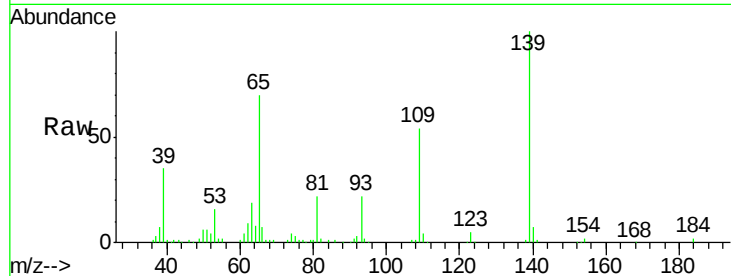




#55
4-Nitrophenol
Concen: 33.27 ng
RT: 9.70 min Scan# 710
Delta R.T. 0.00 min
Lab File: BF090132.D
Acq: 20 Sep 2016 12:07

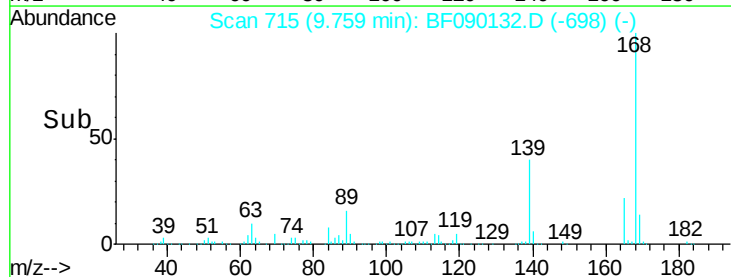
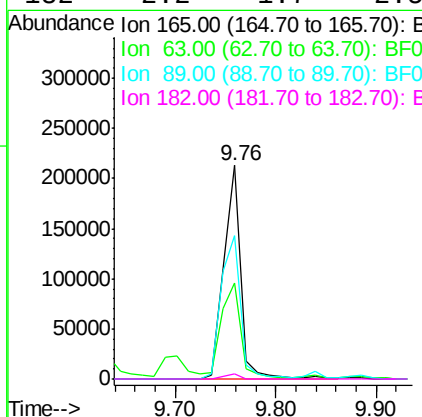
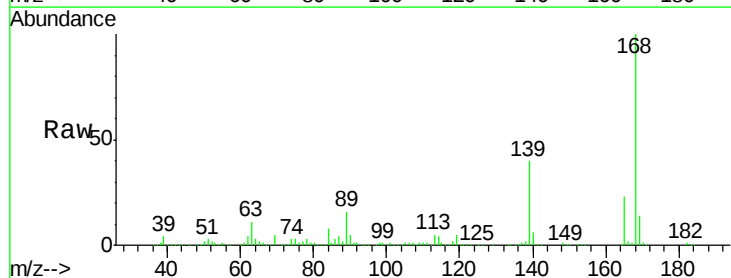
Instrument :
BNA_F
ClientSampled :

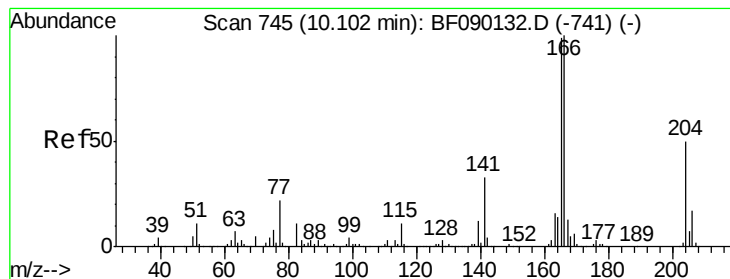
Tot Ion	Ratio	Lower	Upper
139	100		
109	53.7	35.6	75.6
65	70.1	55.5	95.5



#56
2,4-Dinitrotoluene
Concen: 34.50 ng
RT: 9.76 min Scan# 715
Delta R.T. 0.00 min
Lab File: BF090132.D
Acq: 20 Sep 2016 12:07

Tgt Ion	Ratio	Lower	Upper
165	100		
63	44.8	44.4	66.6
89	66.9	70.1	105.1#
182	2.2	1.7	2.5





#57

Fluorene

Concen: 33.31 ng

RT: 10.10 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF090132.D

Acq: 20 Sep 2016 12:07

Instrument :

BNA_F

ClientSampleId :

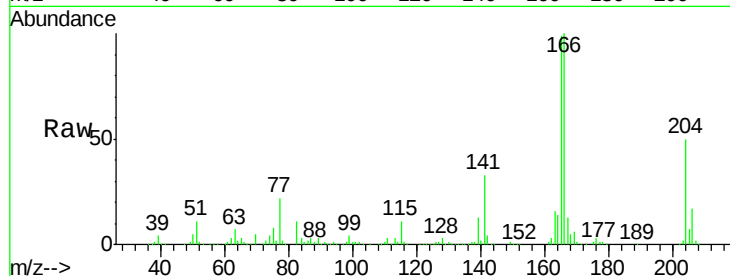
Tot Ion:166 Resp: 736081

Ion Ratio Lower Upper

166 100

165 98.5 78.5 117.7

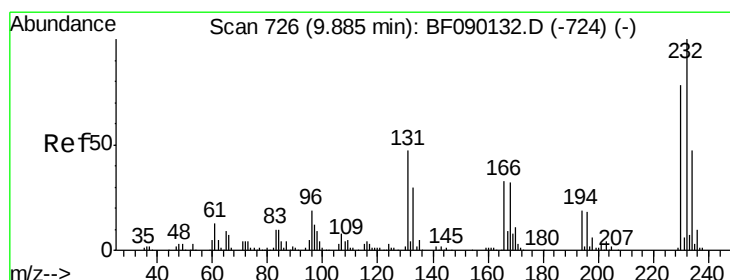
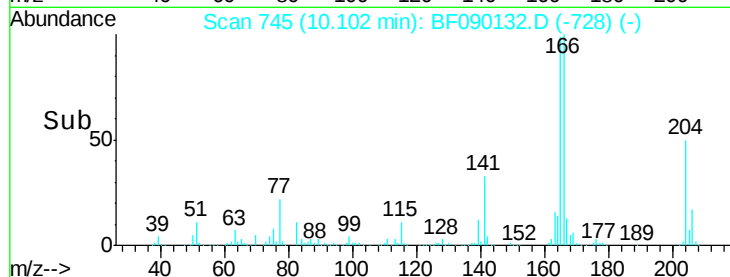
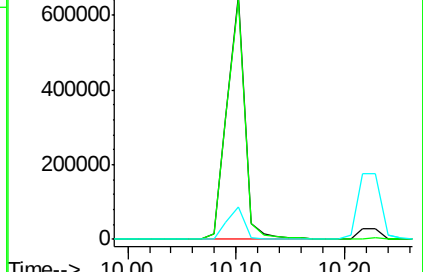
167 13.4 11.2 16.8



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: 34.05 ng

RT: 9.88 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF090132.D

Acq: 20 Sep 2016 12:07

Tgt Ion:232 Resp: 186448

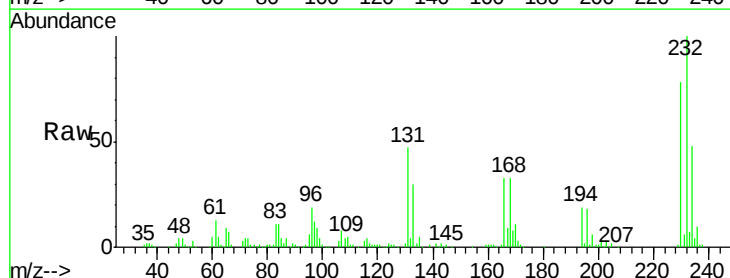
Ion Ratio Lower Upper

232 100

131 51.5 42.2 63.4

130 2.4 1.9 2.9

166 33.3 26.4 39.6

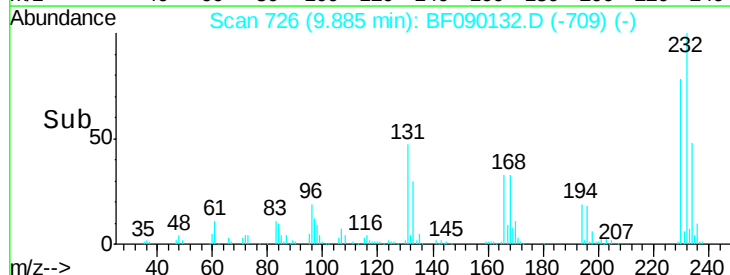
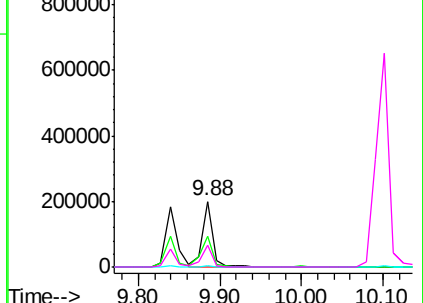


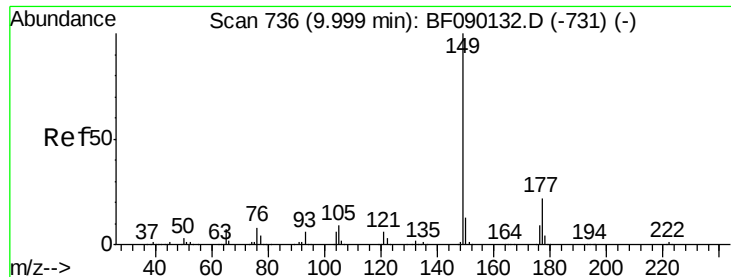
Abundance Ion 232.00 (231.70 to 232.70): E

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

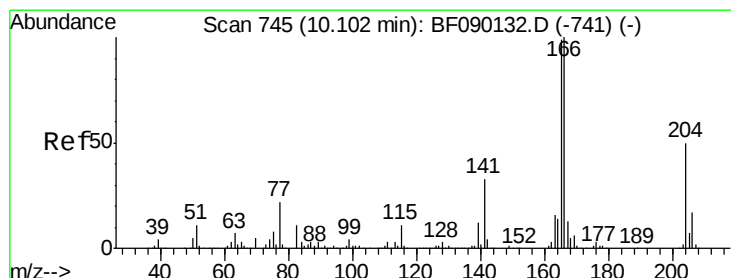
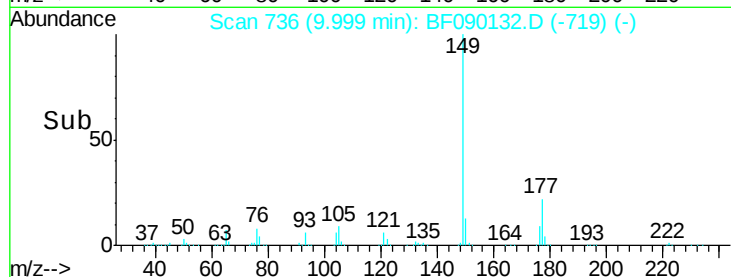
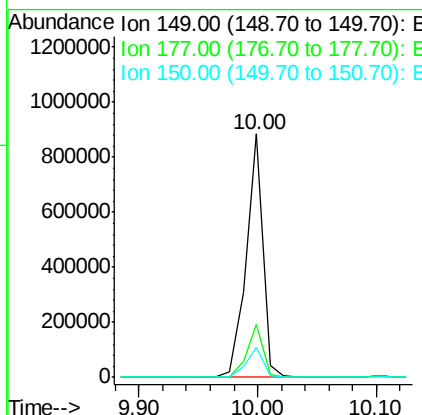
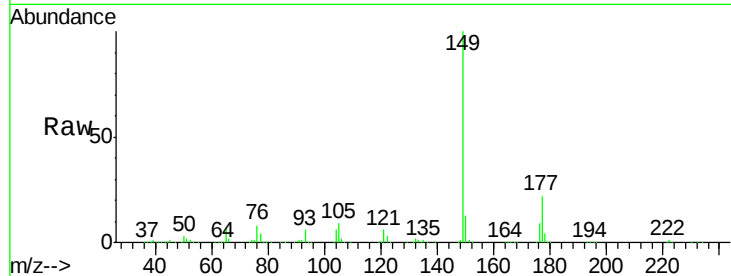




#59
Diethylphthalate
Concen: 33.74 ng
RT: 10.00 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF090132.D
Acq: 20 Sep 2016 12:07

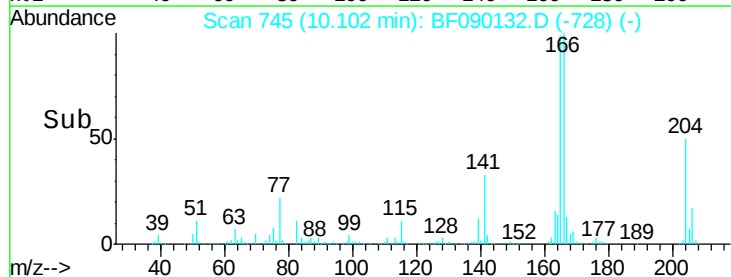
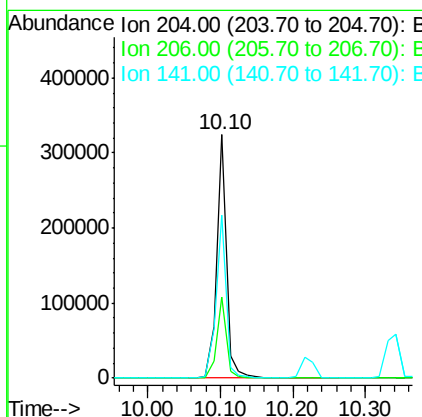
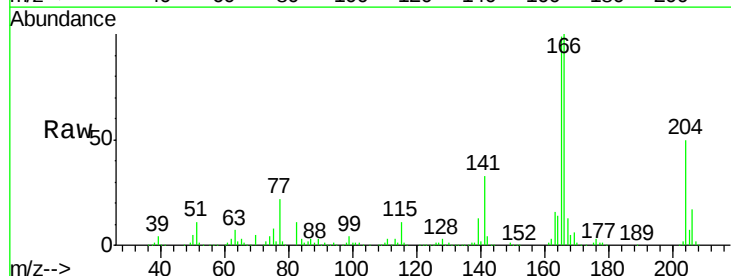
Instrument :
BNA_F
ClientSampled :

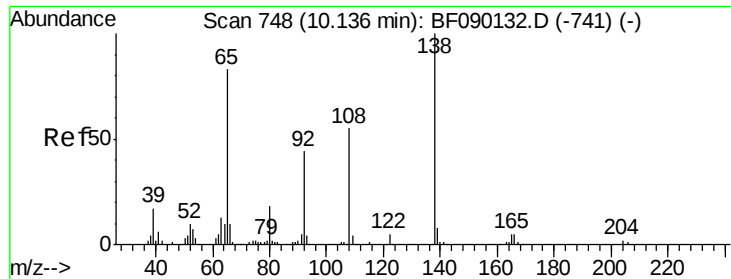
Tot Ion:149 Resp: 868775
Ion Ratio Lower Upper
149 100
177 21.8 15.8 23.6
150 12.5 10.4 15.6



#60
4-Chlorophenyl-phenylether
Concen: 32.67 ng
RT: 10.10 min Scan# 745
Delta R.T. 0.00 min
Lab File: BF090132.D
Acq: 20 Sep 2016 12:07

Tgt Ion:204 Resp: 304402
Ion Ratio Lower Upper
204 100
206 33.2 25.6 38.4
141 67.0 64.4 96.6

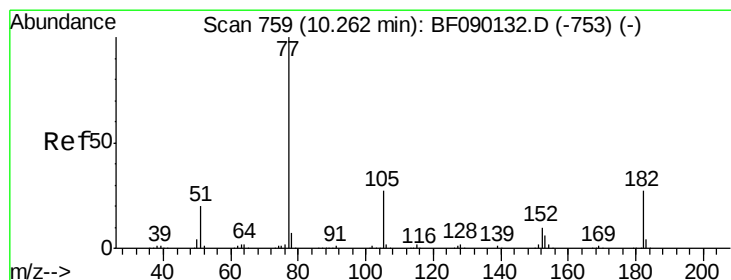
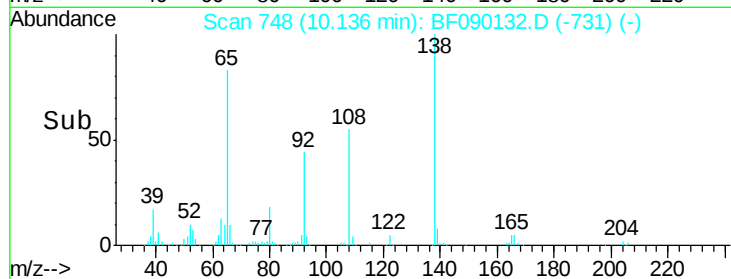
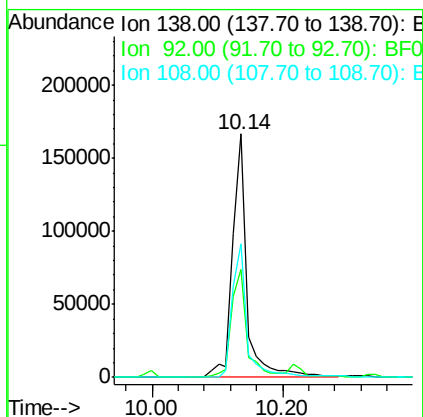
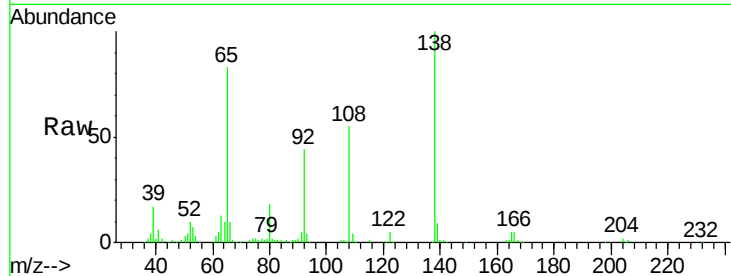




#61
4-Nitroaniline
Concen: 34.52 ng
RT: 10.14 min Scan# 748
Delta R.T. 0.00 min
Lab File: BF090132.D
Acq: 20 Sep 2016 12:07

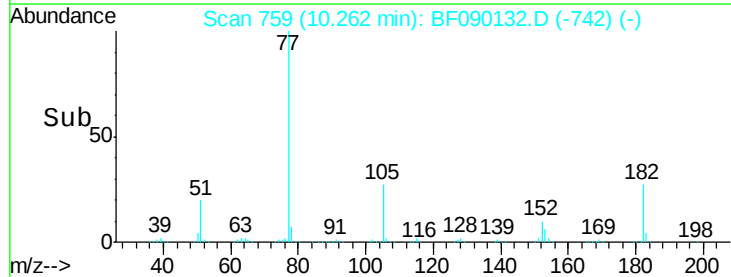
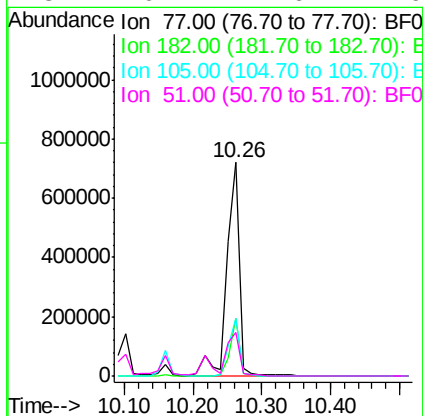
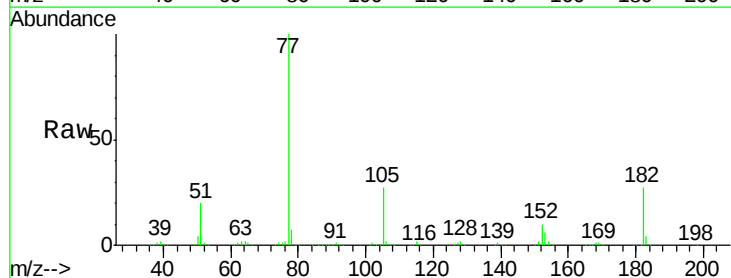
Instrument :
BNA_F
ClientSampleId :

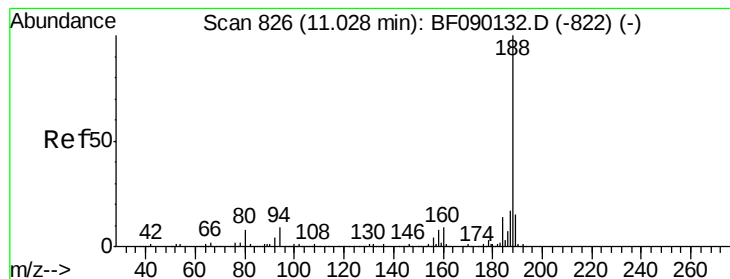
Tot Ion:138 Resp: 252698
Ion Ratio Lower Upper
138 100
92 44.3 23.8 63.8
108 55.1 35.0 75.0



#62
Azobenzene
Concen: 34.02 ng
RT: 10.26 min Scan# 759
Delta R.T. 0.00 min
Lab File: BF090132.D
Acq: 20 Sep 2016 12:07

Tgt Ion: 77 Resp: 919415
Ion Ratio Lower Upper
77 100
182 27.1 0.0 38.4
105 26.7 3.8 43.8
51 20.4 2.6 42.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.03 min Scan# 826

Delta R.T. 0.00 min

Lab File: BF090132.D

Acq: 20 Sep 2016 12:07

Instrument :

BNA_F

ClientSampleId :

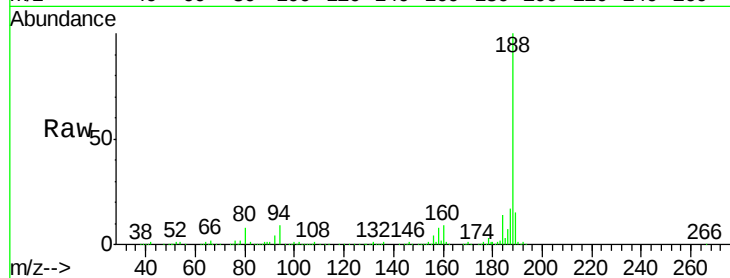
Tot Ion:188 Resp: 576644

Ion Ratio Lower Upper

188 100

94 8.5 10.5 15.7#

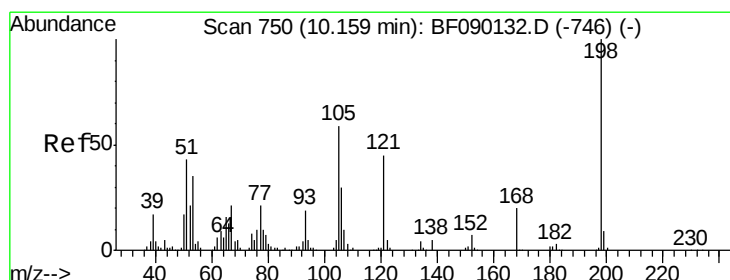
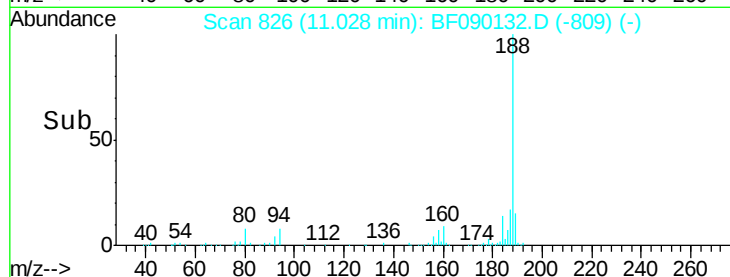
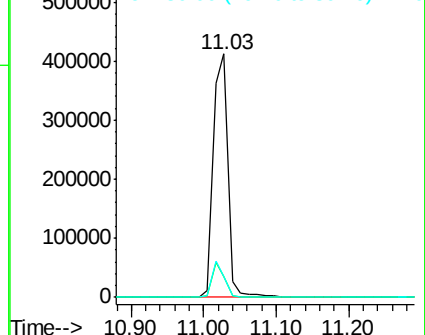
80 8.5 11.2 16.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 39.38 ng

RT: 10.16 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF090132.D

Acq: 20 Sep 2016 12:07

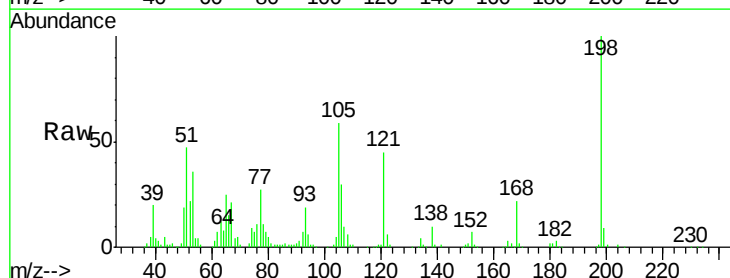
Tgt Ion:198 Resp: 138959

Ion Ratio Lower Upper

198 100

51 47.4 5.5 45.5#

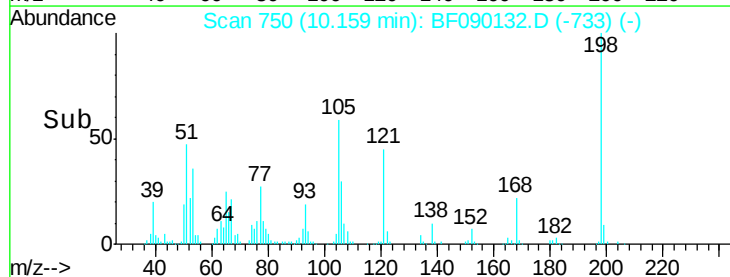
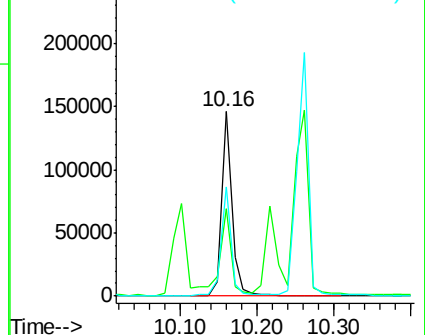
105 58.9 21.8 61.8

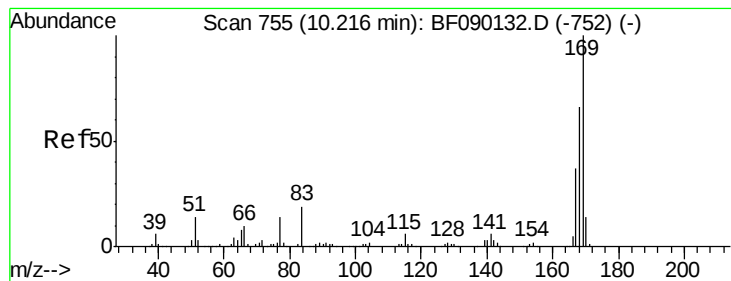


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

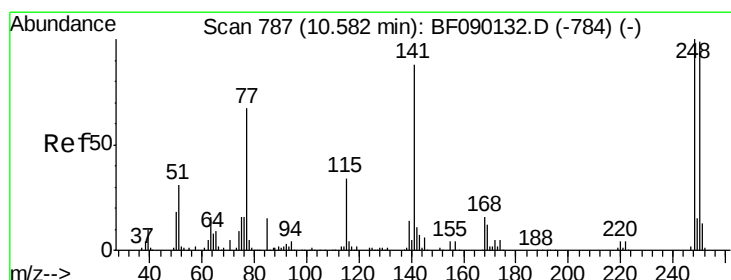
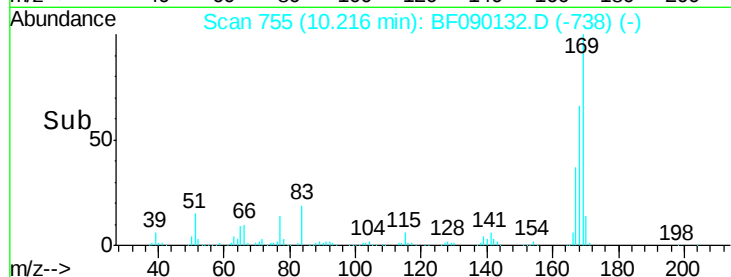
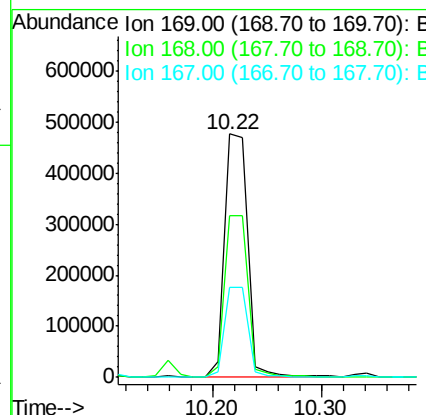
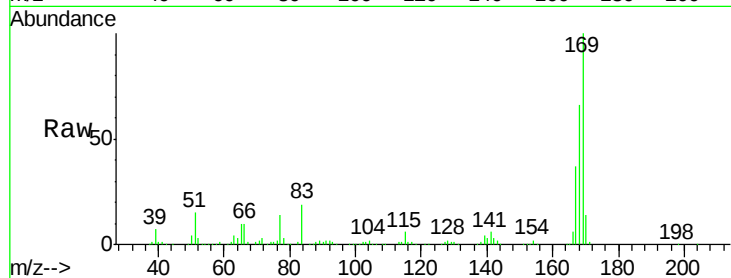




#65
 n-Nitrosodiphenylamine
 Concen: 38.74 ng
 RT: 10.22 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: BF090132.D
 Acq: 20 Sep 2016 12:07

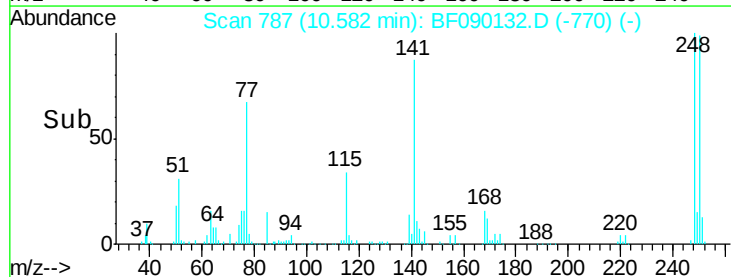
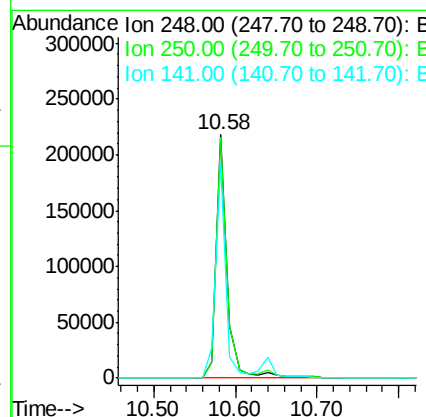
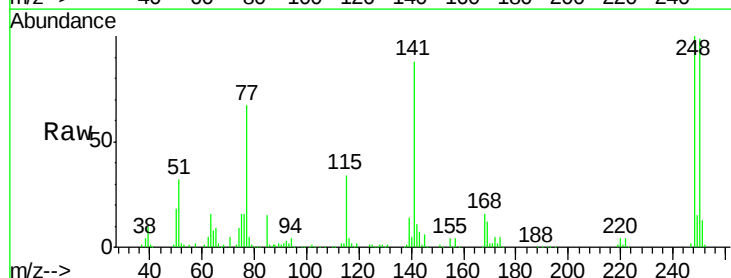
Instrument :
 BNA_F
 ClientSampleId :

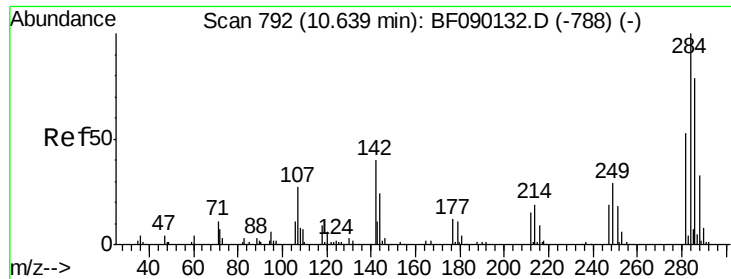
Tot Ion	Ratio	Lower	Upper
169	100		
168	66.2	54.2	81.4
167	36.8	30.3	45.5



#66
 4-Bromophenyl-phenylether
 Concen: 37.87 ng
 RT: 10.58 min Scan# 787
 Delta R.T. 0.00 min
 Lab File: BF090132.D
 Acq: 20 Sep 2016 12:07

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.9	79.4	119.2
141	87.7	49.3	73.9





#67

Hexachlorobenzene

Concen: 35.36 ng

RT: 10.64 min Scan# 792

Delta R.T. 0.00 min

Lab File: BF090132.D

Acq: 20 Sep 2016 12:07

Instrument :

BNA_F

ClientSampleId :

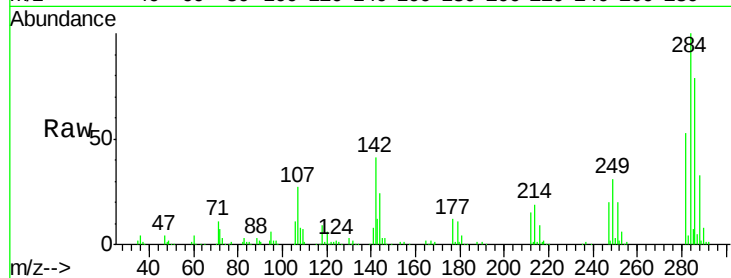
Tot Ion:284 Resp: 231630

Ion Ratio Lower Upper

284 100

142 41.5 24.0 36.0#

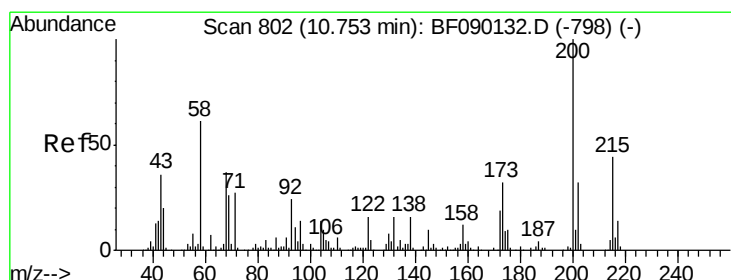
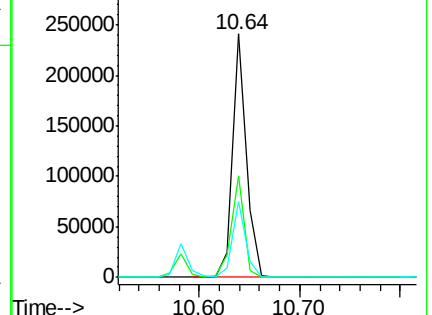
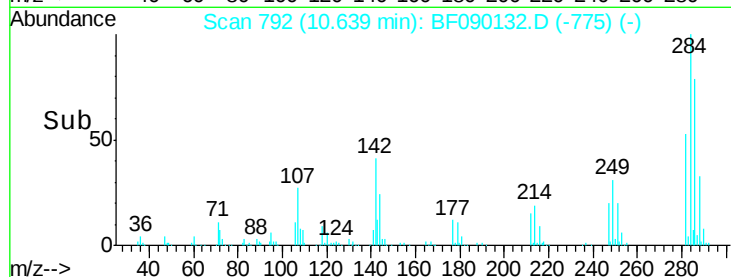
249 31.3 23.8 35.6



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 33.42 ng

RT: 10.75 min Scan# 802

Delta R.T. 0.00 min

Lab File: BF090132.D

Acq: 20 Sep 2016 12:07

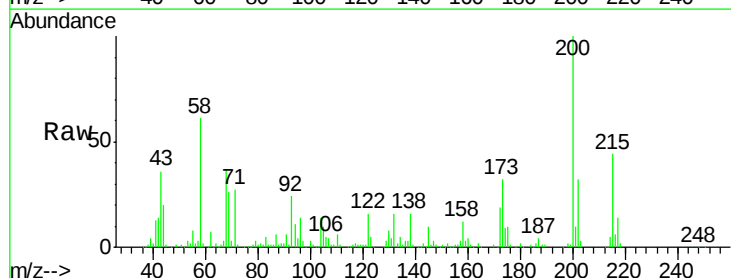
Tgt Ion:200 Resp: 181433

Ion Ratio Lower Upper

200 100

173 31.9 9.3 49.3

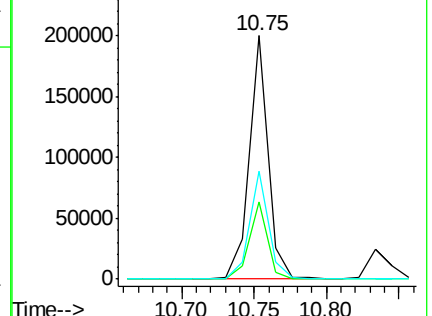
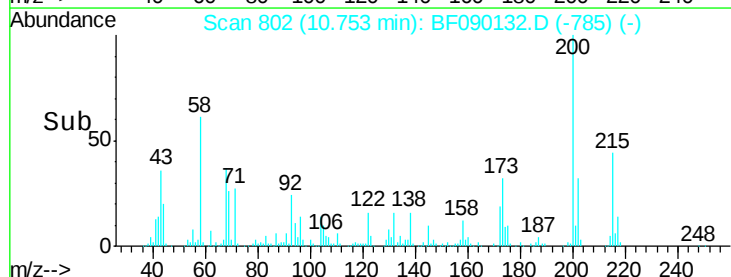
215 44.3 26.1 66.1

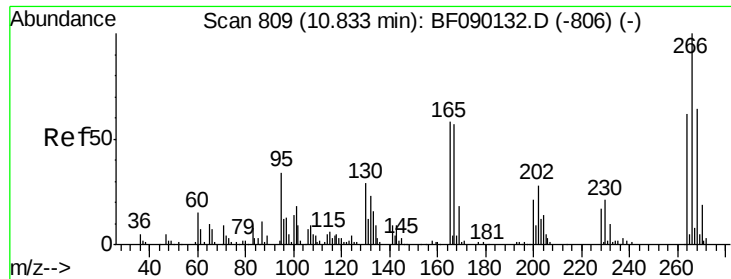


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

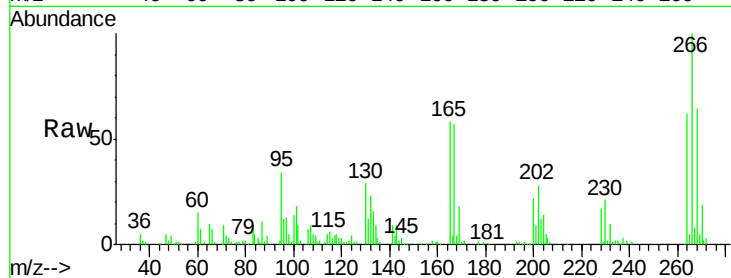




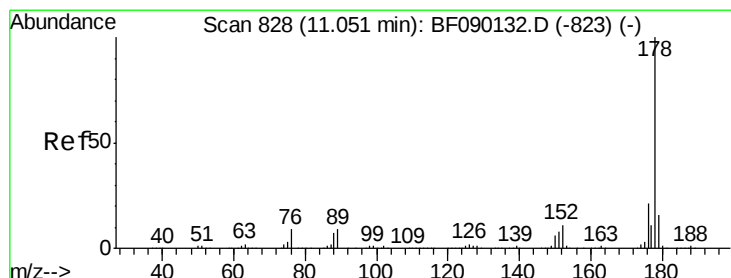
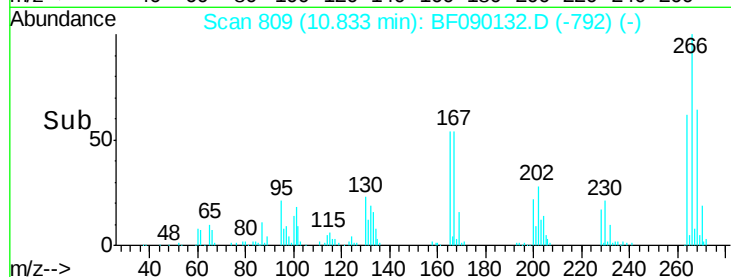
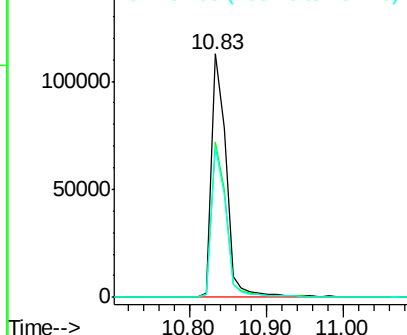
#69
 Pentachlorophenol
 Concen: 39.25 ng
 RT: 10.83 min Scan# 809
 Delta R.T. 0.00 min
 Lab File: BF090132.D
 Acq: 20 Sep 2016 12:07

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 150628
 Ion Ratio Lower Upper
 266 100
 268 63.8 52.1 78.1
 264 61.9 50.3 75.5

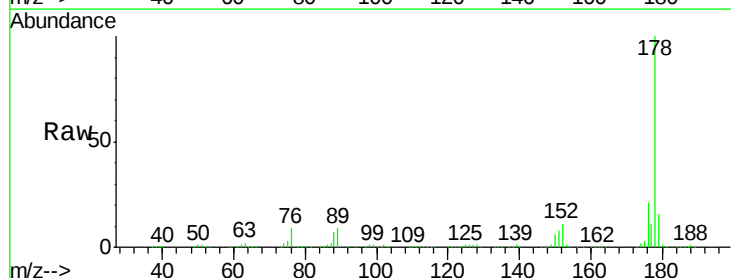


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

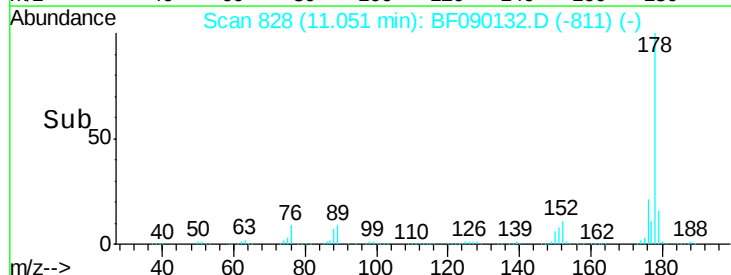
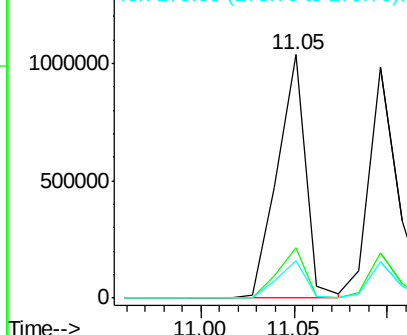


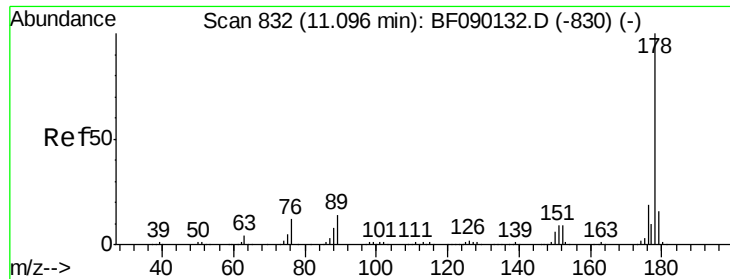
#70
 Phenanthrene
 Concen: 39.18 ng
 RT: 11.05 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF090132.D
 Acq: 20 Sep 2016 12:07

Tgt Ion:178 Resp: 1091854
 Ion Ratio Lower Upper
 178 100
 176 20.6 15.9 23.9
 179 15.6 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

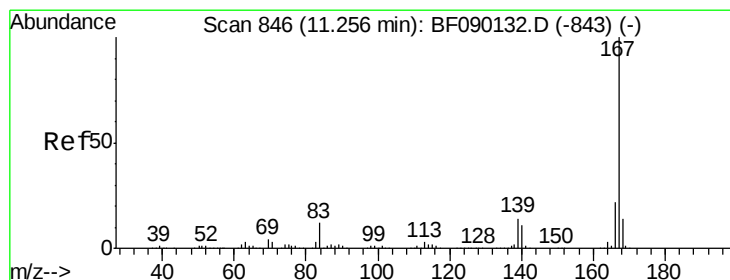
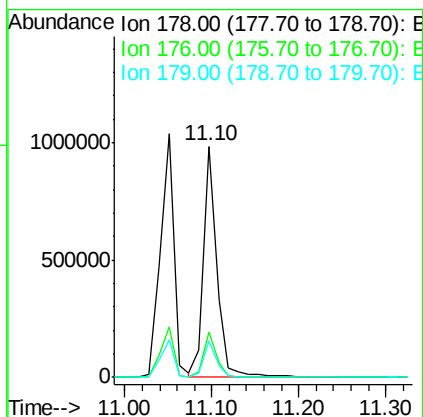
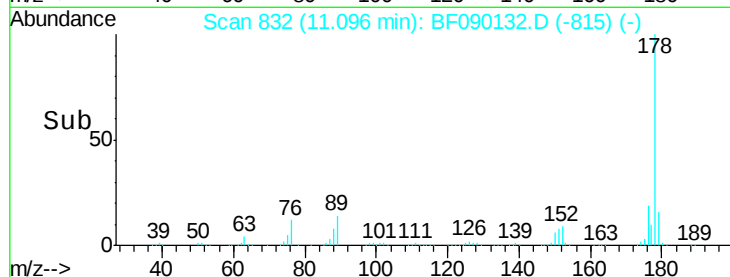
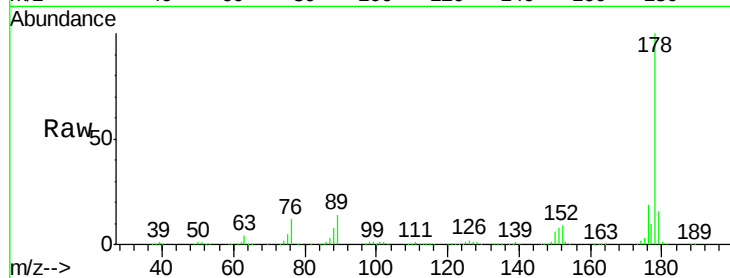




#71
 Anthracene
 Concen: 34.54 ng
 RT: 11.10 min Scan# 832
 Delta R.T. 0.00 min
 Lab File: BF090132.D
 Acq: 20 Sep 2016 12:07

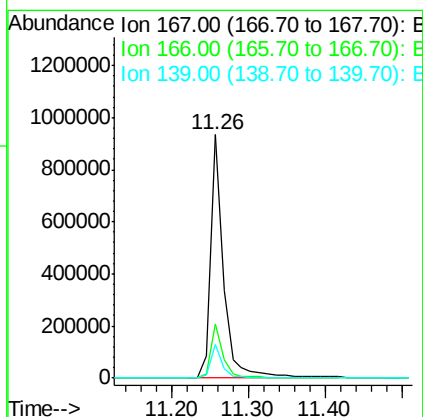
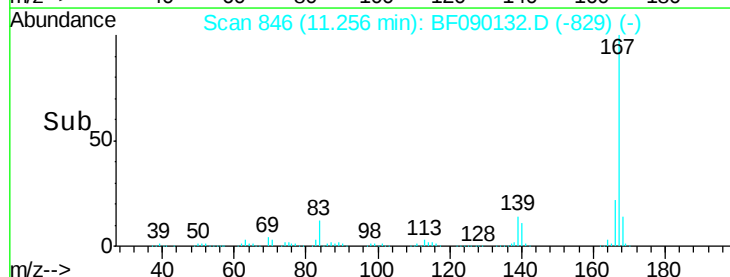
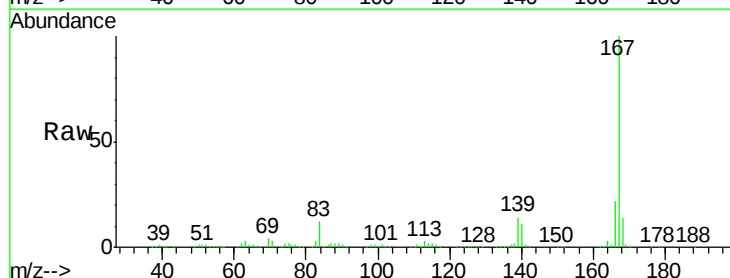
Instrument :
 BNA_F
 ClientSampleId :

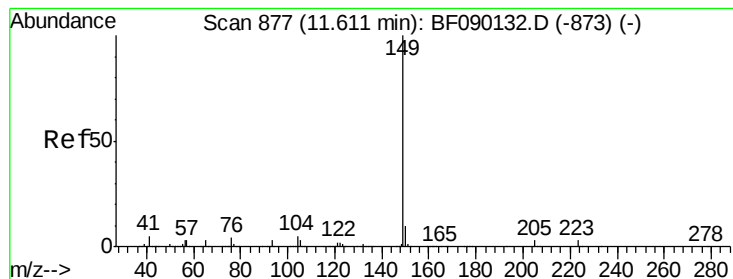
Tot Ion:178 Resp: 1050791
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.8 23.6
 179 16.0 12.6 19.0



#72
 Carbazole
 Concen: 34.82 ng
 RT: 11.26 min Scan# 846
 Delta R.T. 0.00 min
 Lab File: BF090132.D
 Acq: 20 Sep 2016 12:07

Tgt Ion:167 Resp: 1086752
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.0 27.0
 139 14.1 10.4 15.6





#73

Di-n-butylphthalate

Concen: 37.70 ng

RT: 11.61 min Scan# 877

Delta R.T. 0.00 min

Lab File: BF090132.D

Acq: 20 Sep 2016 12:07

Instrument :

BNA_F

ClientSampleId :

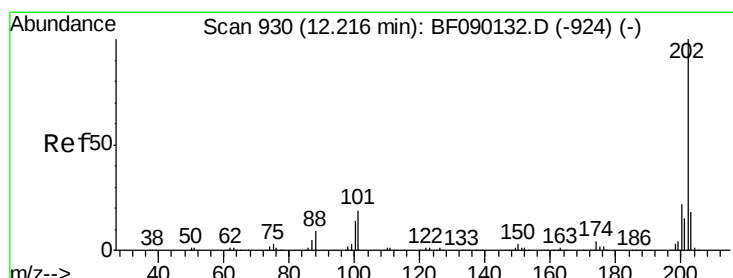
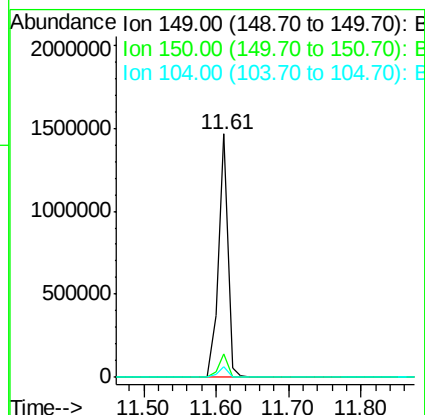
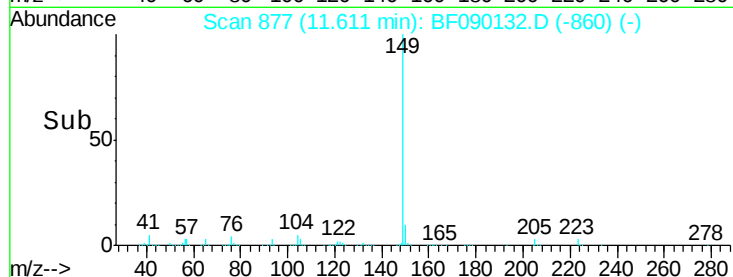
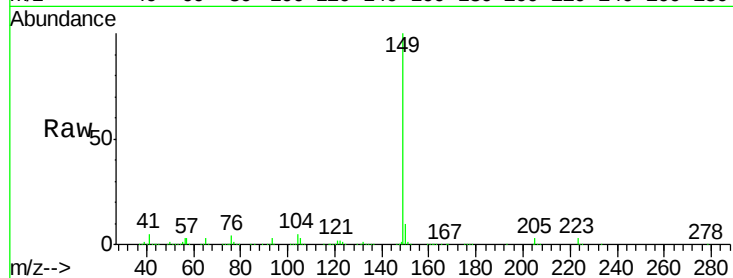
Tot Ion:149 Resp: 1319739

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.8

104 4.6 3.9 5.9



#74

Fluoranthene

Concen: 36.97 ng

RT: 12.22 min Scan# 930

Delta R.T. 0.00 min

Lab File: BF090132.D

Acq: 20 Sep 2016 12:07

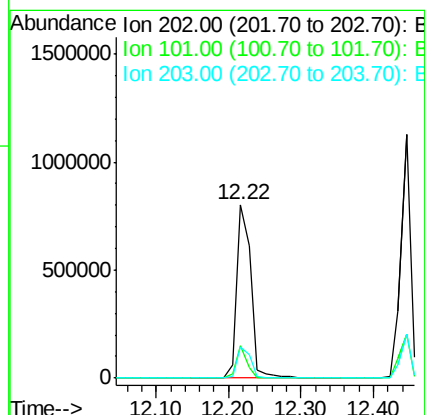
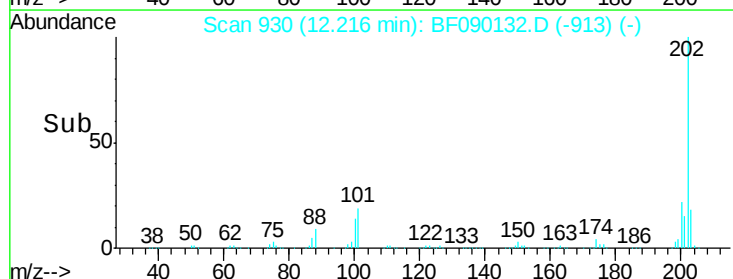
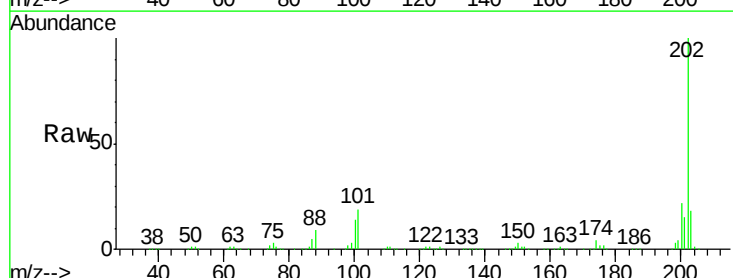
Tgt Ion:202 Resp: 1079496

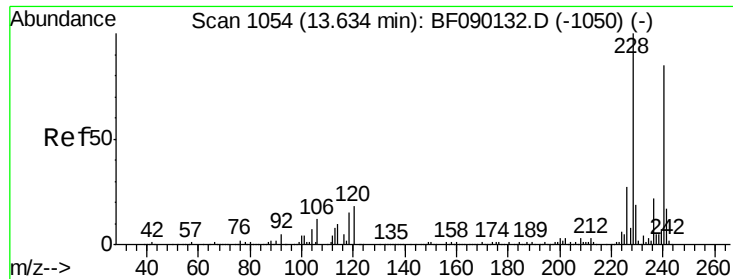
Ion Ratio Lower Upper

202 100

101 18.6 0.0 36.1

203 18.2 0.0 38.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.63 min Scan# 1054

Delta R.T. 0.00 min

Lab File: BF090132.D

Acq: 20 Sep 2016 12:07

Instrument :

BNA_F

ClientSampleId :

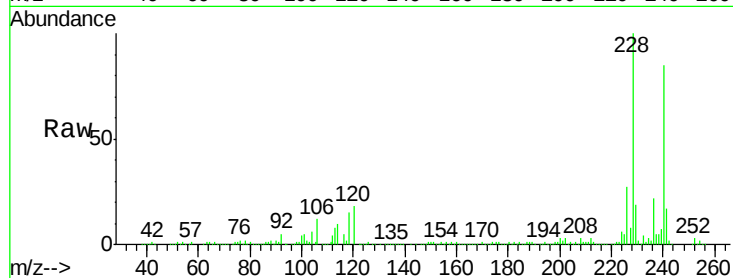
Tot Ion:240 Resp: 423071

Ion Ratio Lower Upper

240 100

120 20.9 10.6 16.0#

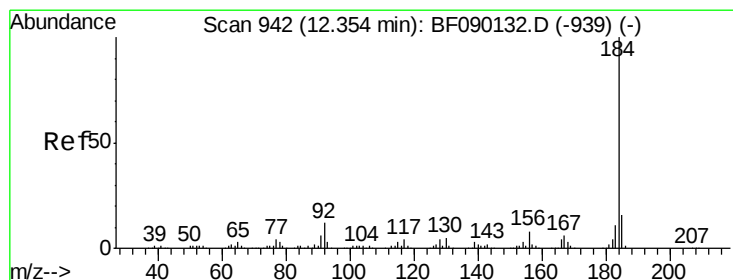
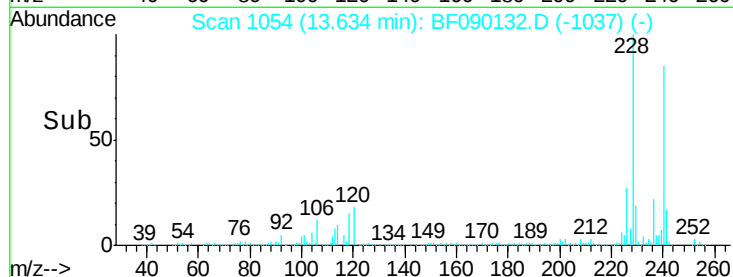
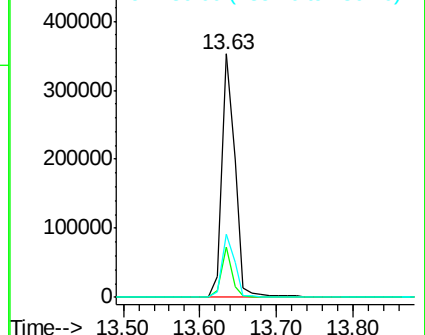
236 26.1 21.6 32.4



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: 33.01 ng

RT: 12.35 min Scan# 942

Delta R.T. 0.00 min

Lab File: BF090132.D

Acq: 20 Sep 2016 12:07

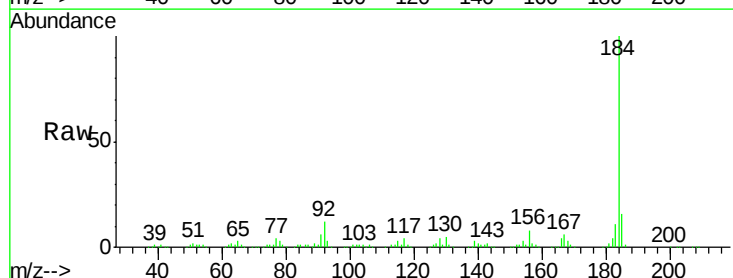
Tgt Ion:184 Resp: 569605

Ion Ratio Lower Upper

184 100

185 15.7 13.2 19.8

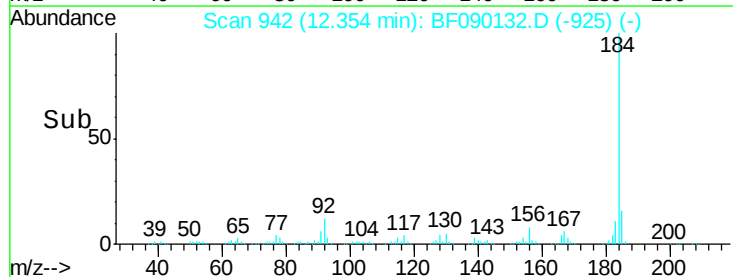
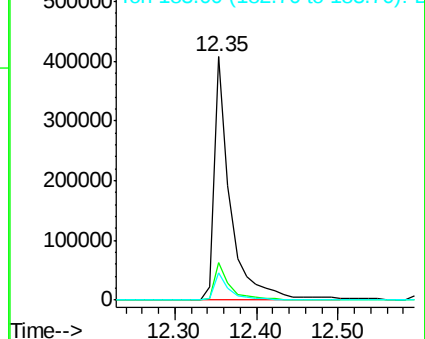
183 11.4 9.2 13.8

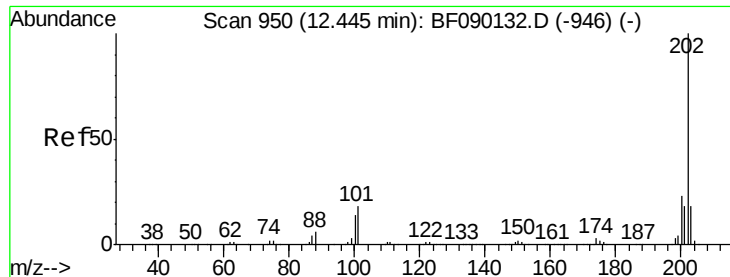


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

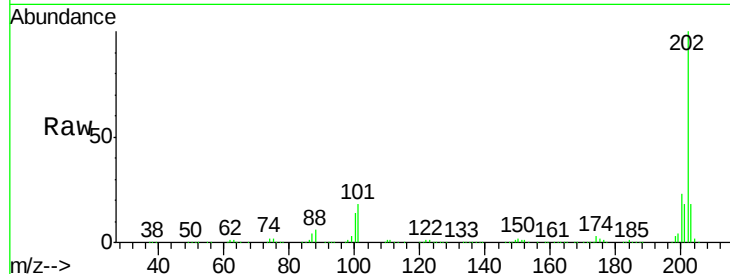




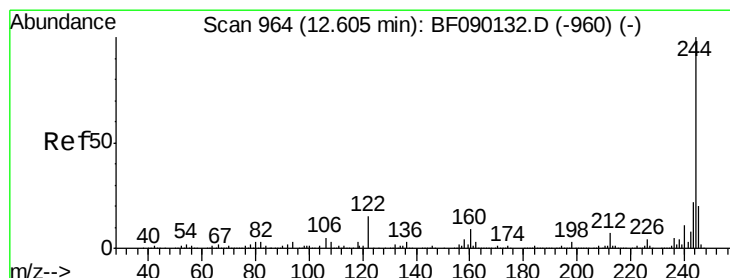
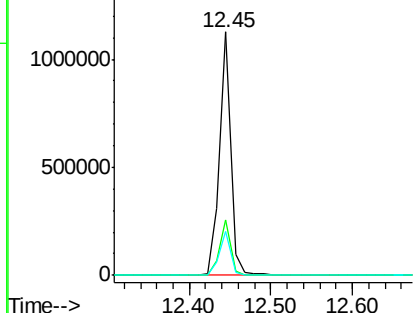
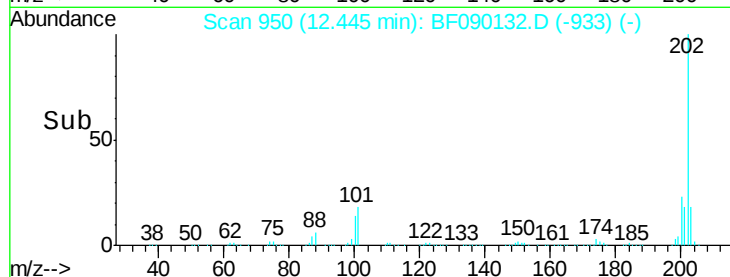
#77
Pvrene
Concen: 34.92 ng
RT: 12.45 min Scan# 950
Delta R.T. 0.00 min
Lab File: BF090132.D
Acq: 20 Sep 2016 12:07

Instrument :
BNA_F
ClientSampled :

Tot Ion:202 Resp: 1078114
Ion Ratio Lower Upper
202 100
200 22.8 17.9 26.9
203 18.2 14.2 21.4

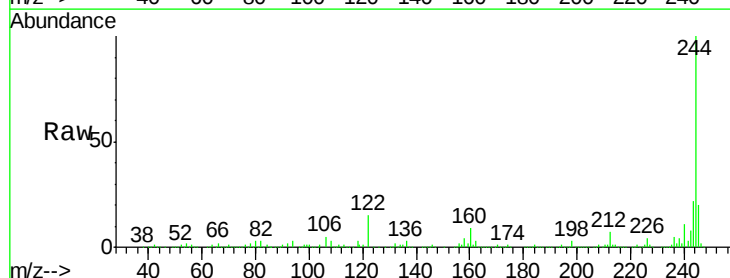


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

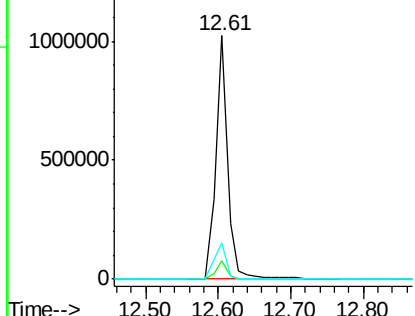
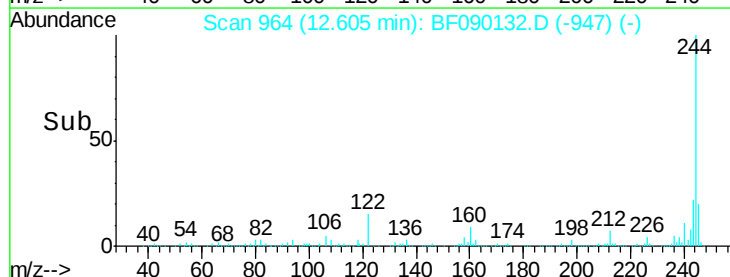


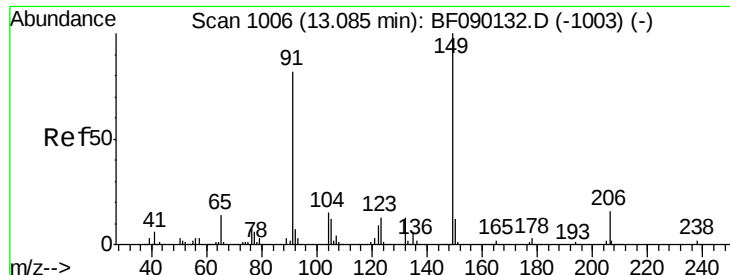
#78
Terphenyl-d14
Concen: 65.59 ng
RT: 12.61 min Scan# 964
Delta R.T. 0.00 min
Lab File: BF090132.D
Acq: 20 Sep 2016 12:07

Tgt Ion:244 Resp: 1168510
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.8
122 14.8 9.4 14.0#



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





#79

Butylbenzylphthalate

Concen: 35.37 ng

RT: 13.09 min Scan# 1006

Delta R.T. 0.00 min

Lab File: BF090132.D

Acq: 20 Sep 2016 12:07

Instrument :

BNA_F

ClientSampleId :

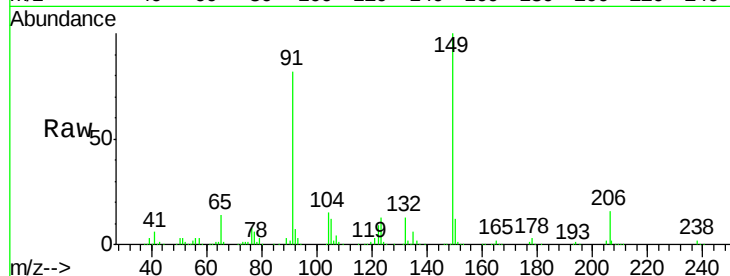
Tot Ion:149 Resp: 543847

Ion Ratio Lower Upper

149 100

91 82.3 49.8 74.6#

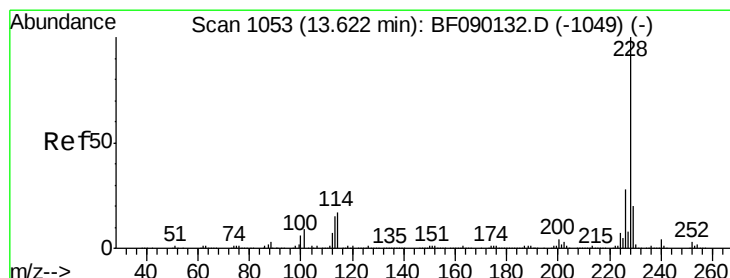
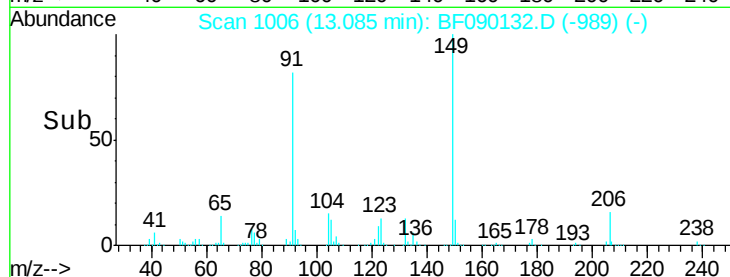
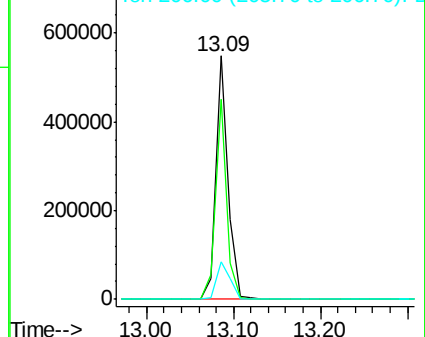
206 15.6 16.3 24.5#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 36.83 ng

RT: 13.62 min Scan# 1053

Delta R.T. 0.00 min

Lab File: BF090132.D

Acq: 20 Sep 2016 12:07

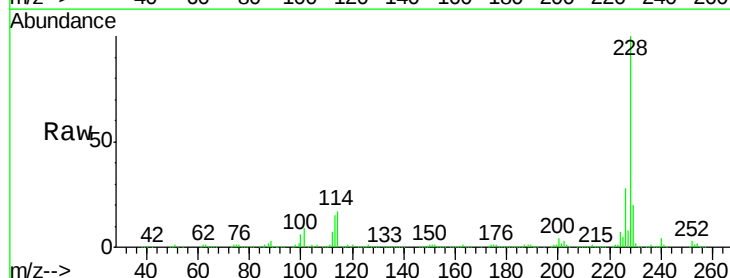
Tgt Ion:228 Resp: 909570

Ion Ratio Lower Upper

228 100

226 28.4 22.0 33.0

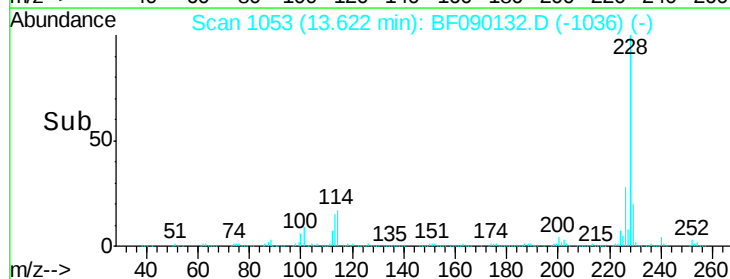
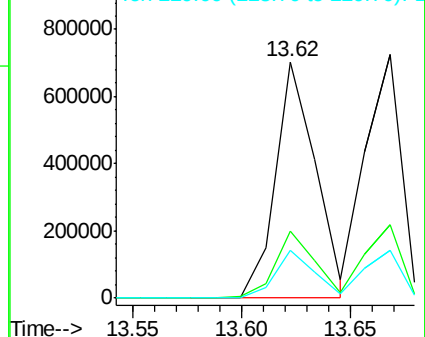
229 20.2 16.2 24.2

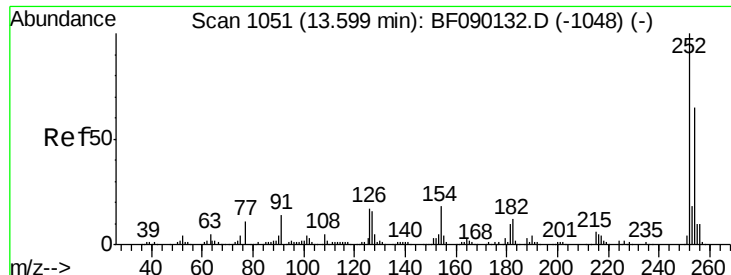


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

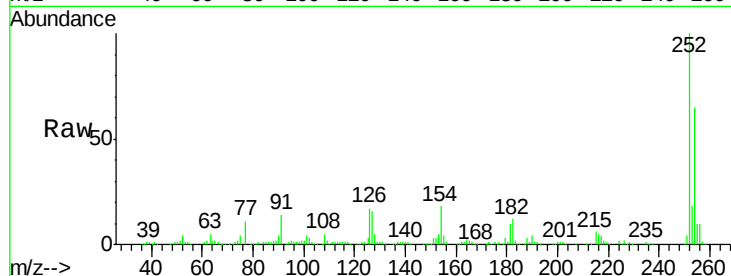




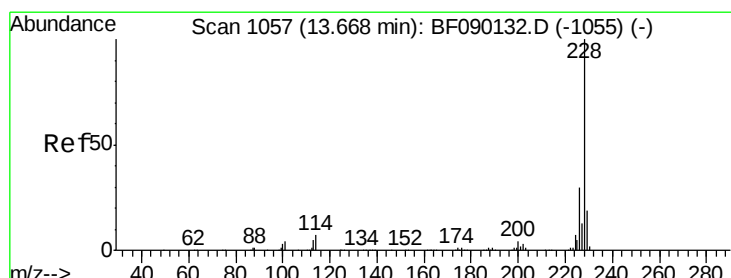
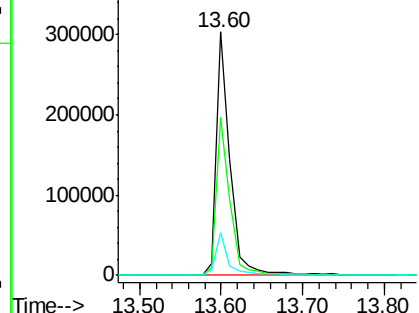
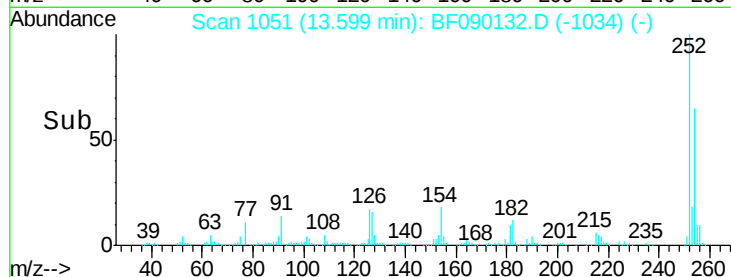
#81
 3,3'-Dichlorobenzidine
 Concen: 34.97 ng
 RT: 13.60 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: BF090132.D
 Acq: 20 Sep 2016 12:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.9	50.7	76.1
126	17.3	9.2	13.8

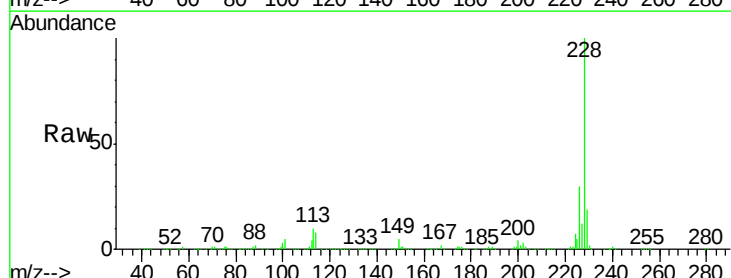


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

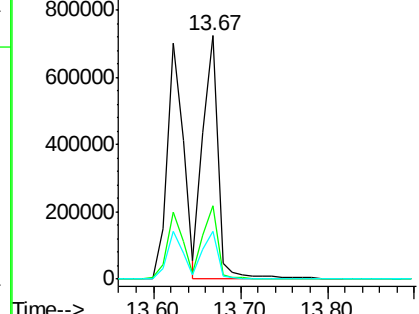
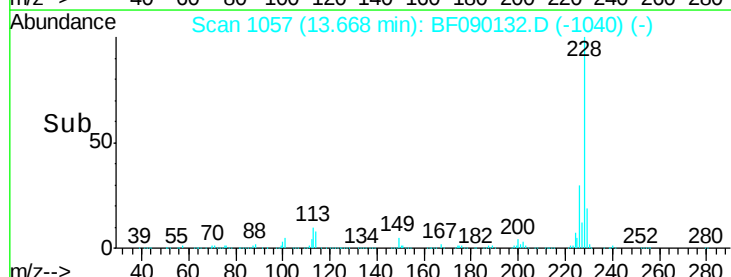


#82
 Chrysene
 Concen: 37.75 ng
 RT: 13.67 min Scan# 1057
 Delta R.T. 0.00 min
 Lab File: BF090132.D
 Acq: 20 Sep 2016 12:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.6	37.0
229	19.4	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

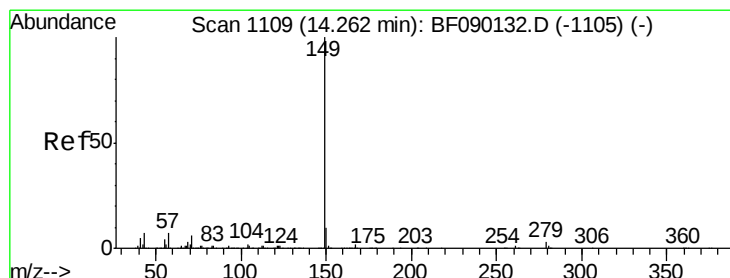
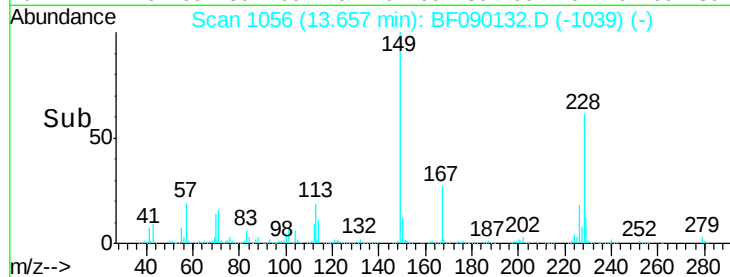
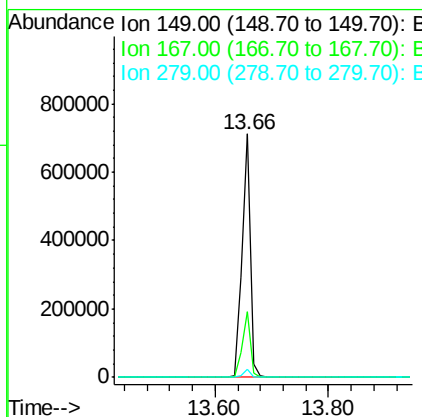
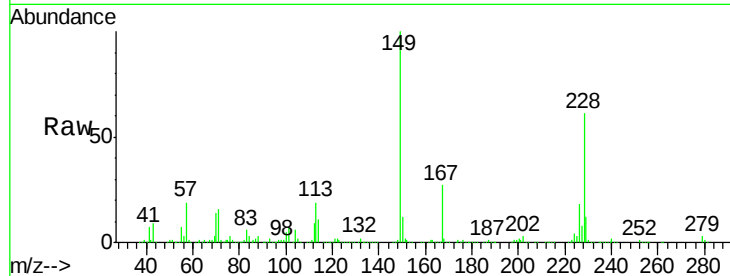




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.60 ng
 RT: 13.66 min Scan# 1056
 Delta R.T. 0.00 min
 Lab File: BF090132.D
 Acq: 20 Sep 2016 12:07

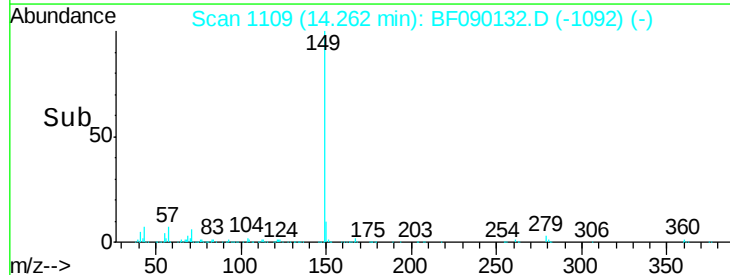
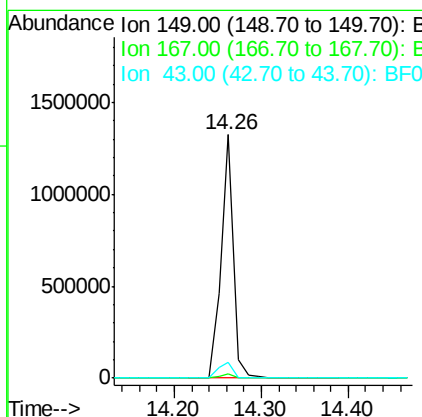
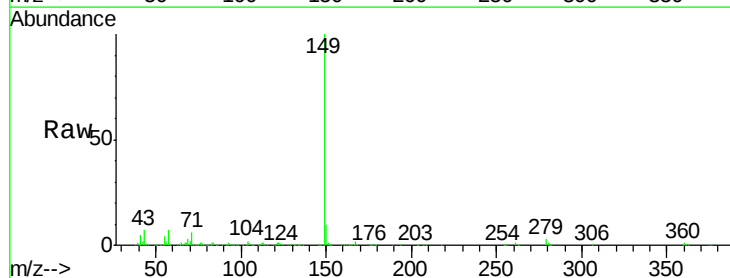
Instrument :
 BNA_F
 ClientSampled :

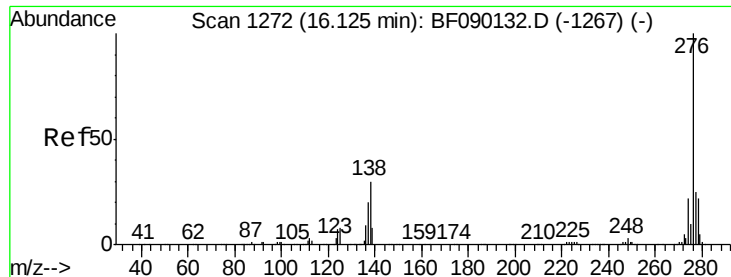
Tot Ion:149 Resp: 734058
 Ion Ratio Lower Upper
 149 100
 167 27.2 21.2 31.8
 279 3.2 2.2 3.2



#84
 Di-n-octyl phthalate
 Concen: 38.81 ng
 RT: 14.26 min Scan# 1109
 Delta R.T. 0.00 min
 Lab File: BF090132.D
 Acq: 20 Sep 2016 12:07

Tgt Ion:149 Resp: 1319321
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 8.2 6.8 10.2

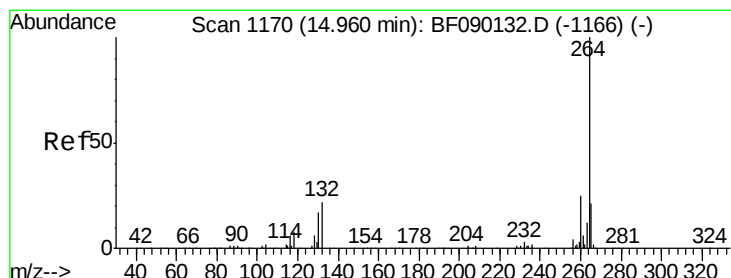
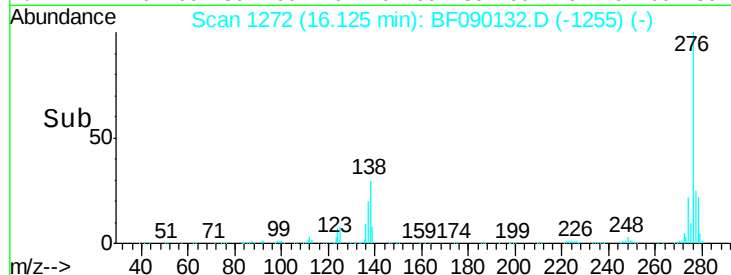
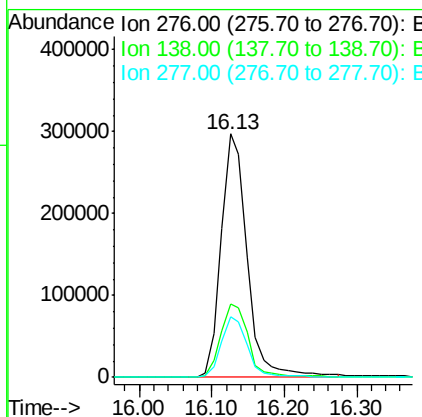
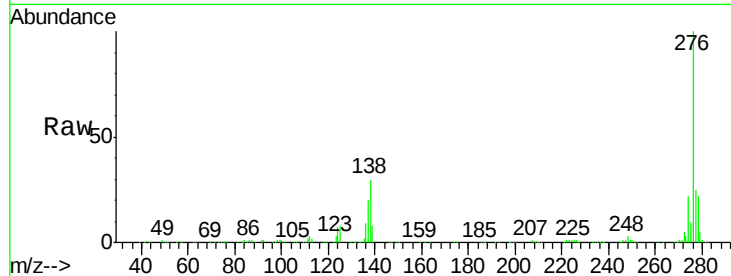




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.99 ng
 RT: 16.13 min Scan# 1272
 Delta R.T. 0.00 min
 Lab File: BF090132.D
 Acq: 20 Sep 2016 12:07

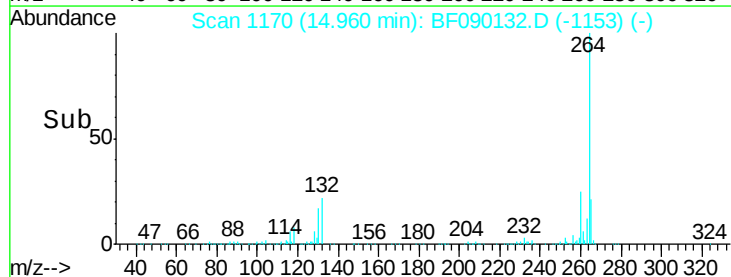
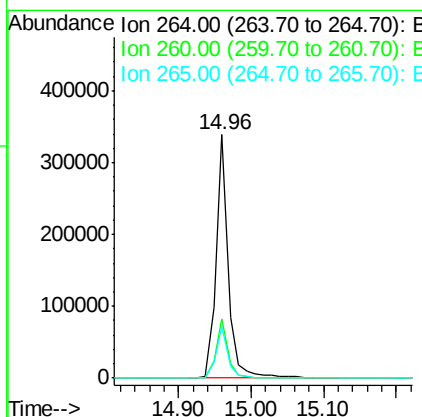
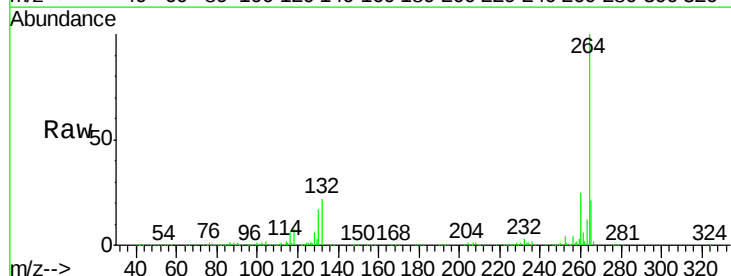
Instrument :
 BNA_F
 ClientSampleId :

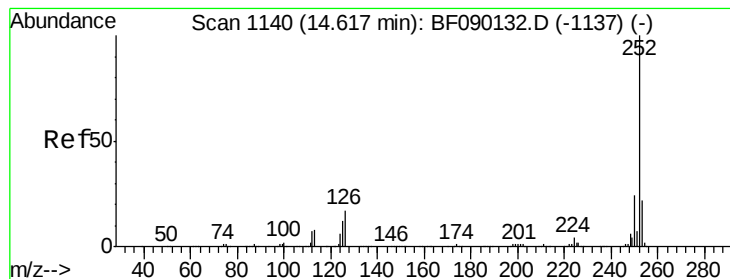
Tot Ion	Ratio	Lower	Upper
276	100		
138	32.4	25.9	38.9
277	25.1	19.9	29.9



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.96 min Scan# 1170
 Delta R.T. 0.00 min
 Lab File: BF090132.D
 Acq: 20 Sep 2016 12:07

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	21.4	17.0	25.4





#87

Benzo(b)fluoranthene

Concen: 71.46 ng

RT: 14.64 min Scan# 1142

Delta R.T. 0.02 min

Lab File: BF090132.D

Acq: 20 Sep 2016 12:07

Instrument :

BNA_F

ClientSampleId :

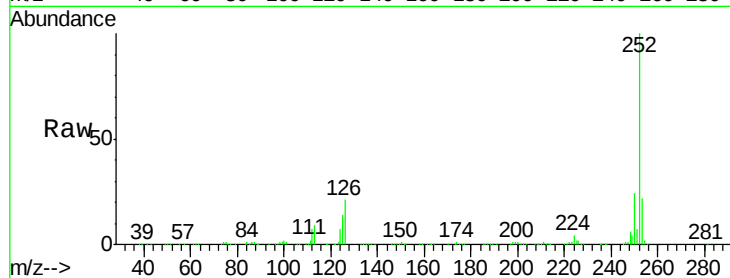
Tot Ion:252 Resp: 1662257

Ion Ratio Lower Upper

252 100

253 22.3 17.9 26.9

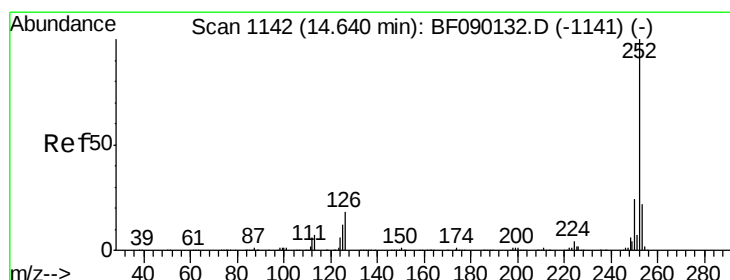
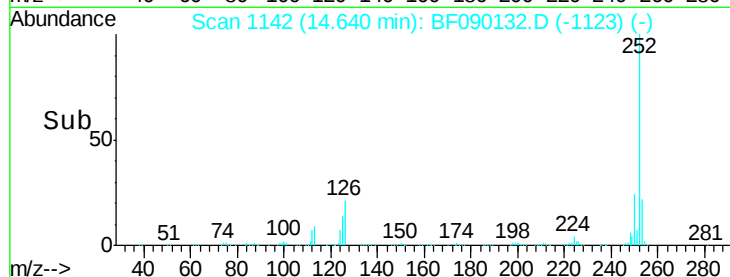
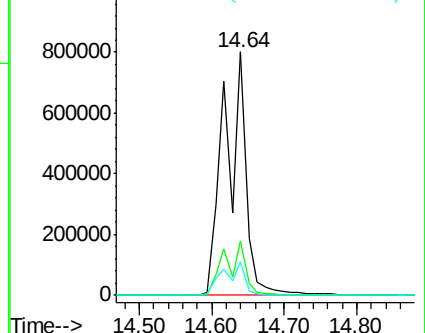
125 13.8 12.7 19.1



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 79.48 ng

RT: 14.64 min Scan# 1142

Delta R.T. 0.00 min

Lab File: BF090132.D

Acq: 20 Sep 2016 12:07

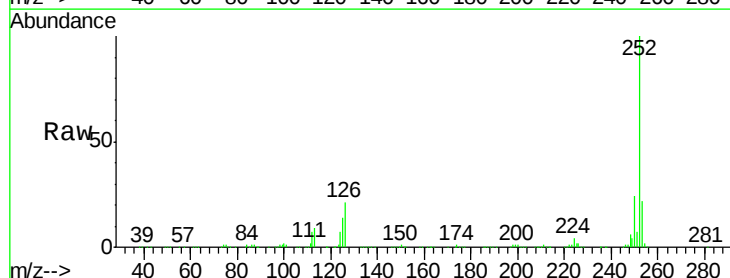
Tgt Ion:252 Resp: 1664446

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

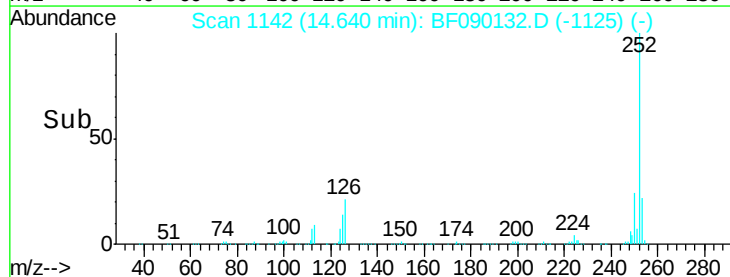
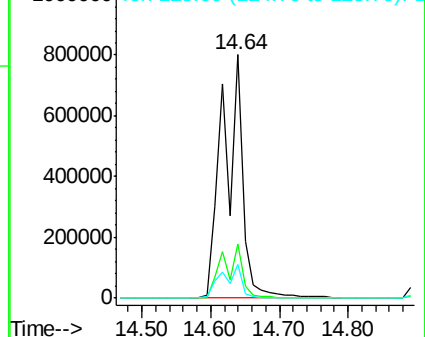
125 13.8 7.8 11.6#

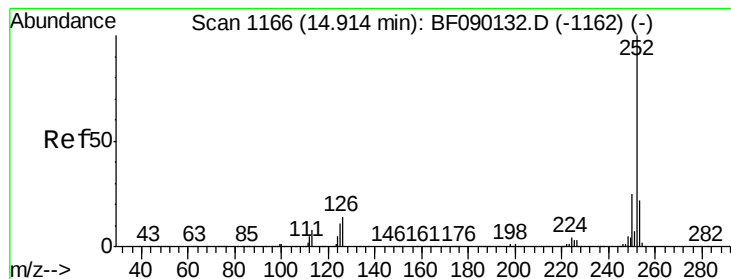


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 37.99 ng

RT: 14.91 min Scan# 1166

Delta R.T. 0.00 min

Lab File: BF090132.D

Acq: 20 Sep 2016 12:07

Instrument :

BNA_F

ClientSampleId :

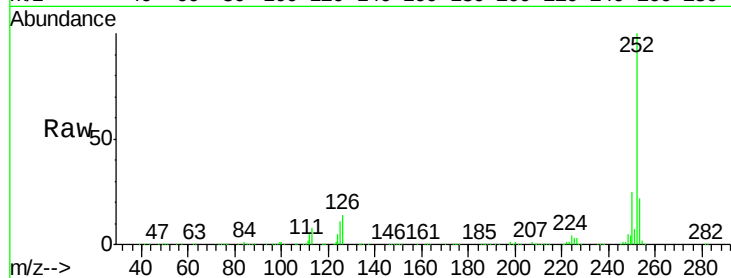
Tot Ion:252 Resp: 792341

Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.0

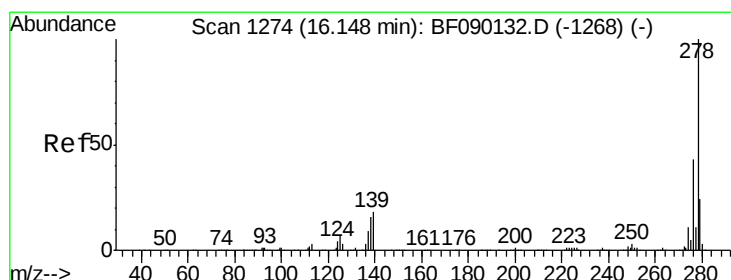
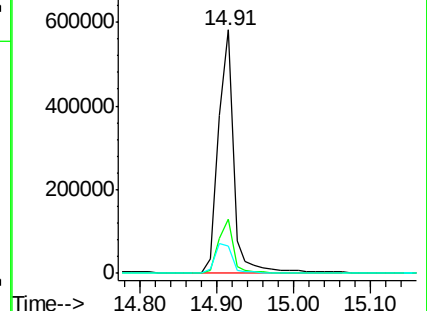
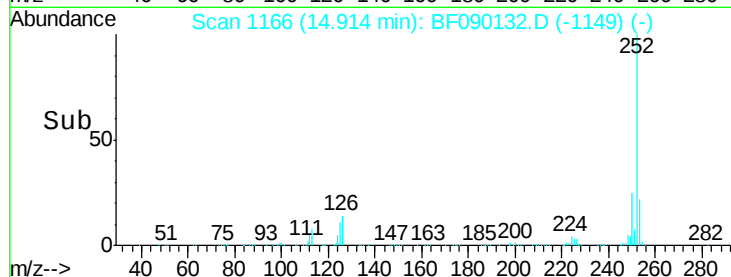
125 11.1 7.7 11.5



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: 37.97 ng

RT: 16.15 min Scan# 1274

Delta R.T. 0.00 min

Lab File: BF090132.D

Acq: 20 Sep 2016 12:07

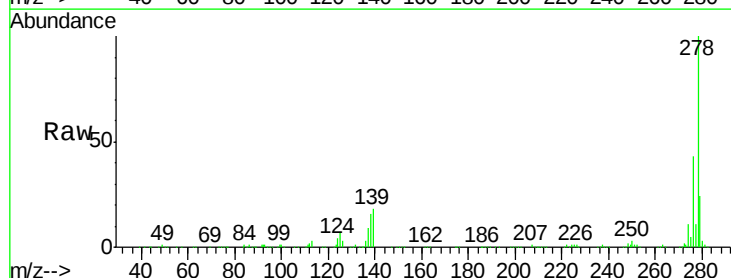
Tgt Ion:278 Resp: 620294

Ion Ratio Lower Upper

278 100

139 18.0 14.6 21.8

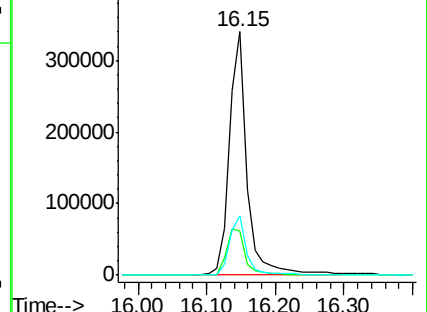
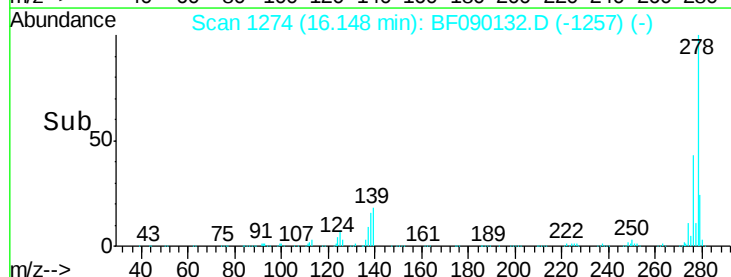
279 24.4 18.8 28.2

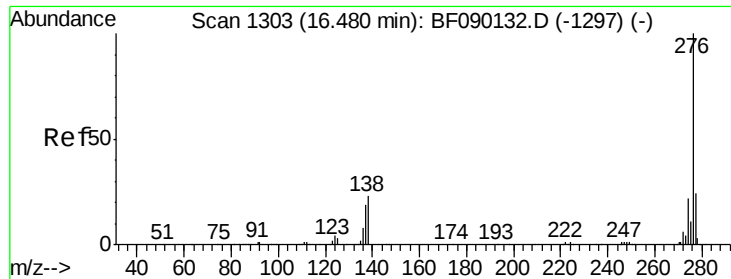


Abundance Ion 278.00 (277.70 to 278.70): E

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: 38.38 ng

RT: 16.48 min Scan# 1303

Delta R.T. 0.00 min

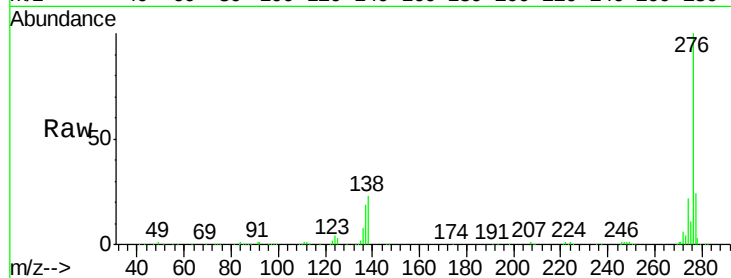
Lab File: BF090132.D

Acq: 20 Sep 2016 12:07

Instrument :

BNA_F

ClientSampleId :



Tot Ion: 276 Resp: 598381

Ion Ratio Lower Upper

276 100

277 23.7 18.9 28.3

138 23.4 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

