

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092316\
 Data File : BF090195.D
 Acq On : 23 Sep 2016 13:35
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 23 17:13:02 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 17:58:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	131294	20.00	ng	-0.03
21) Naphthalene-d8	7.78	136	516242	20.00	ng	-0.03
38) Acenaphthene-d10	9.52	164	267539	20.00	ng	-0.03
63) Phenanthrene-d10	10.98	188	427001	20.00	ng	-0.05
75) Chrysene-d12	13.60	240	349299	20.00	ng	-0.03
86) Perylene-d12	14.91	264	284009	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.05	112	688659	85.50	ng	-0.02
7) Phenol-d6	6.15	99	790135	79.43	ng	-0.02
23) Nitrobenzene-d5	7.06	82	705104	79.18	ng	-0.03
41) 2,4,6-Tribromophenol	10.31	330	203080	88.48	ng	-0.03
44) 2-Fluorobiphenyl	8.86	172	1126608	82.67	ng	-0.03
78) Terphenyl-d14	12.57	244	995830	72.38	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.87	88	159471	36.49	ng	96
3) Pyridine	2.47	79	361600	38.15	ng	99
4) n-Nitrosodimethylamine	2.42	42	119575	42.27	ng	94
6) Aniline	6.15	93	501139	40.42	ng	# 73
8) 2-Chlorophenol	6.27	128	368640	39.78	ng	91
9) Benzaldehyde	6.02	77	179664	41.44	ng	96
10) Phenol	6.16	94	423647	36.03	ng	89
11) bis(2-Chloroethyl)ether	6.24	93	358079	39.05	ng	95
12) 1,3-Dichlorobenzene	6.43	146	383536	39.61	ng	# 94
13) 1,4-Dichlorobenzene	6.51	146	389354	39.39	ng	96
14) 1,2-Dichlorobenzene	6.51	146	384661	43.68	ng	99
15) Benzyl Alcohol	6.65	79	241566	40.72	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.79	45	417098	38.06	ng	97
17) 2-Methylphenol	6.78	107	286562	39.25	ng	99
18) Hexachloroethane	7.00	117	140570	39.87	ng	# 89
19) n-Nitroso-di-n-propylamine	6.92	70	233869	40.02	ng	94
20) 3+4-Methylphenols	6.94	107	372810	42.54	ng	97
22) Acetophenone	6.91	105	471574	37.88	ng	# 97
24) Nitrobenzene	7.08	77	368718	39.74	ng	92
25) Isophorone	7.34	82	697869	37.51	ng	97
26) 2-Nitrophenol	7.40	139	206230	45.13	ng	90
27) 2,4-Dimethylphenol	7.46	122	342054	42.14	ng	99
28) bis(2-Chloroethoxy)methane	7.55	93	451122	40.08	ng	99
29) 2,4-Dichlorophenol	7.64	162	278841	39.16	ng	89
30) 1,2,4-Trichlorobenzene	7.72	180	281446	39.57	ng	99
31) Naphthalene	7.80	128	1052743	42.83	ng	99
32) Benzoic acid	7.61	122	225438	40.45	ng	94
33) 4-Chloroaniline	7.86	127	426877	41.87	ng	96
34) Hexachlorobutadiene	7.93	225	159462	42.50	ng	97
35) Caprolactam	8.24	113	87246	37.02	ng	99
36) 4-Chloro-3-methylphenol	8.35	107	307684	38.23	ng	97
37) 2-Methylnaphthalene	8.49	142	609473	39.87	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.66	216	269903	43.95	ng	# 96
40) Hexachlorocyclopentadiene	8.65	237	123441	40.74	ng	98

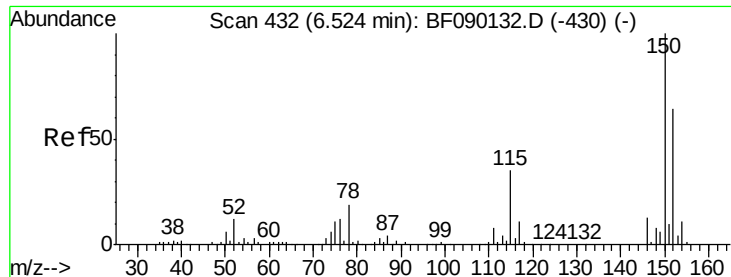
Data Path : Z:\HPCHEM1\BNA F\DATA\BF092316\
 Data File : BF090195.D
 Acq On : 23 Sep 2016 13:35
 Operator : UM/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 23 17:13:02 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 17:58:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.78	196	192225	43.93	nq	99
43) 2,4,5-Trichlorophenol	8.82	196	185125	40.85	nq	96
45) 1,1'-Biphenyl	8.96	154	828040	43.26	nq	96
46) 2-Chloronaphthalene	8.97	162	553090	39.17	nq	98
47) 2-Nitroaniline	9.07	65	162629	38.20	nq	# 82
48) Acenaphthylene	9.38	152	918607	40.06	nq	99
49) Dimethylphthalate	9.27	163	636214	37.34	nq	99
50) 2,6-Dinitrotoluene	9.32	165	154188	40.60	nq	# 85
51) Acenaphthene	9.55	154	527314	38.74	nq	99
52) 3-Nitroaniline	9.48	138	168395	37.82	nq	90
53) 2,4-Dinitrophenol	9.60	184	68854	34.28	nq	# 87
54) Dibenzofuran	9.72	168	702155	39.20	nq	96
55) 4-Nitrophenol	9.67	139	125987	41.30	nq	97
56) 2,4-Dinitrotoluene	9.72	165	196153	43.68	nq	85
57) Fluorene	10.07	166	615482	45.59	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.85	232	139937	41.25	nq	96
59) Diethylphthalate	9.96	149	665218	40.42	nq	97
60) 4-Chlorophenyl-phenylether	10.07	204	250578	40.70	nq	# 87
61) 4-Nitroaniline	10.10	138	183264	40.38	nq	97
62) Azobenzene	10.23	77	665115	38.83	nq	87
64) 4,6-Dinitro-2-methylphenol	10.12	198	93537	34.97	nq	# 57
65) n-Nitrosodiphenylamine	10.18	169	538555	38.35	nq	98
66) 4-Bromophenyl-phenylether	10.55	248	159336	37.92	nq	# 85
67) Hexachlorobenzene	10.60	284	187939	38.38	nq	# 88
68) Atrazine	10.72	200	135055	35.10	nq	96
69) Pentachlorophenol	10.80	266	108989	39.21	nq	97
70) Phenanthrene	11.02	178	881366	44.14	nq	99
71) Anthracene	11.06	178	813834	38.86	nq	99
72) Carbazole	11.22	167	812743	36.71	nq	98
73) Di-n-butylphthalate	11.58	149	1044182	40.55	nq	99
74) Fluoranthene	12.18	202	817482	38.14	nq	100
76) Benzidine	12.32	184	302243	25.85	nq	98
77) Pyrene	12.41	202	907689	37.98	nq	99
79) Butylbenzylphthalate	13.05	149	422493	36.14	nq	# 81
80) Benzo(a)anthracene	13.59	228	730403	38.87	nq	99
81) 3,3'-Dichlorobenzidine	13.57	252	283248	36.55	nq	# 98
82) Chrysene	13.62	228	632002	34.52	nq	99
83) Bis(2-ethylhexyl)phthalate	13.62	149	581935	38.89	nq	# 99
84) Di-n-octyl phthalate	14.23	149	1020209	39.58	nq	98
85) Indeno(1,2,3-cd)pyrene	16.07	276	630396	42.59	nq	97
87) Benzo(b)fluoranthene	14.61	252	1287571	81.87	nq	# 95
88) Benzo(k)fluoranthene	14.61	252	1289370	87.36	nq	98
89) Benzo(a)pyrene	14.87	252	571263	38.62	nq	# 96
90) Dibenzo(a,h)anthracene	16.08	278	520056	45.05	nq	# 96
91) Benzo(g,h,i)perylene	16.41	276	530914	46.99	nq	96

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

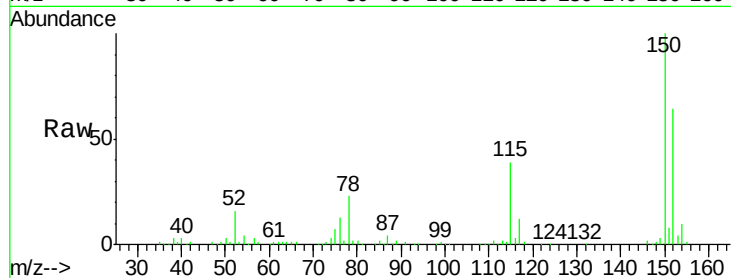


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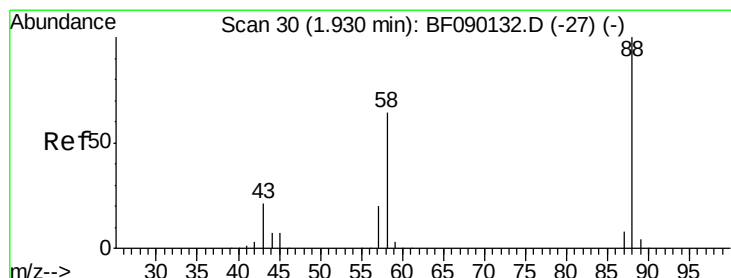
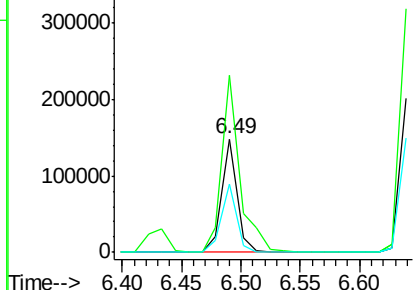
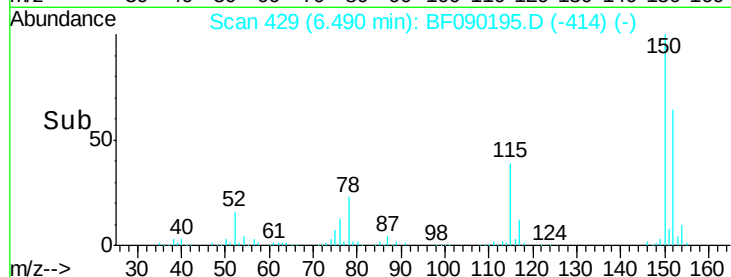
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.49 min Scan# 429
Delta R.T. -0.03 min
Lab File: BF090195.D
Acq: 23 Sep 2016 13:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	128.9	193.3
115	60.1	55.5	83.3



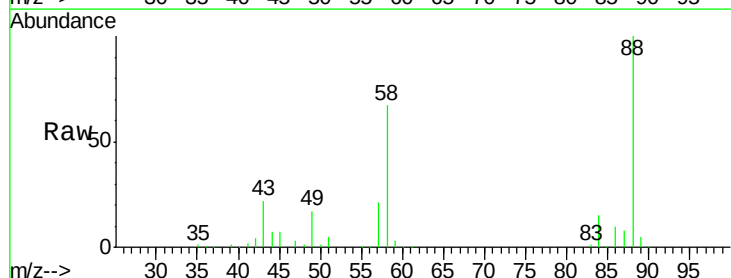
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



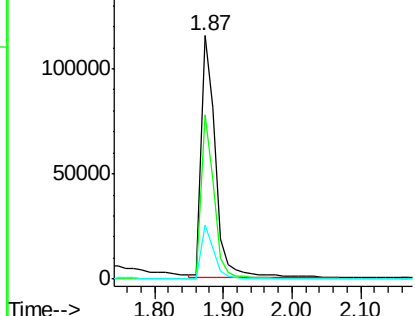
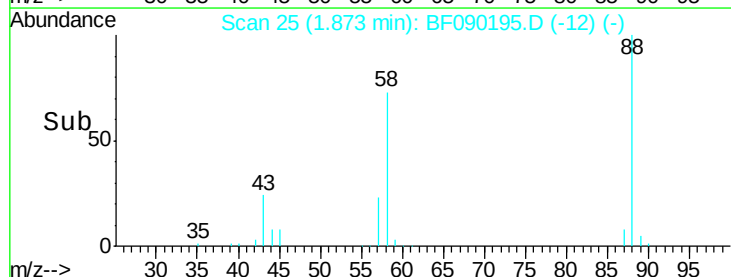
#2

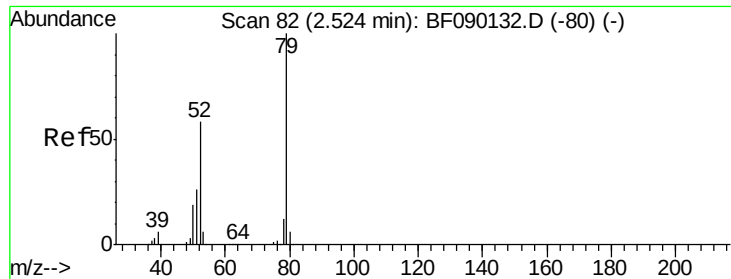
1,4-Dioxane
Concen: 36.49 ng
RT: 1.87 min Scan# 25
Delta R.T. -0.06 min
Lab File: BF090195.D
Acq: 23 Sep 2016 13:35

Tgt Ion	Ratio	Lower	Upper
88	100		
58	62.5	53.4	80.0
43	20.6	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

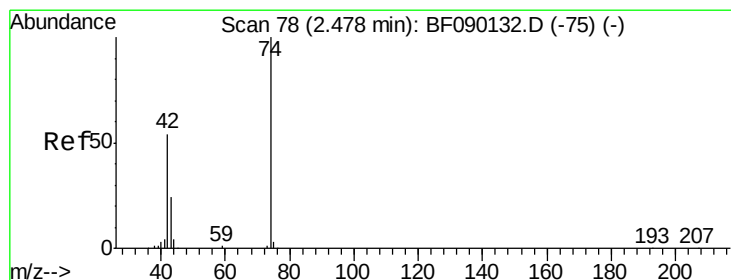
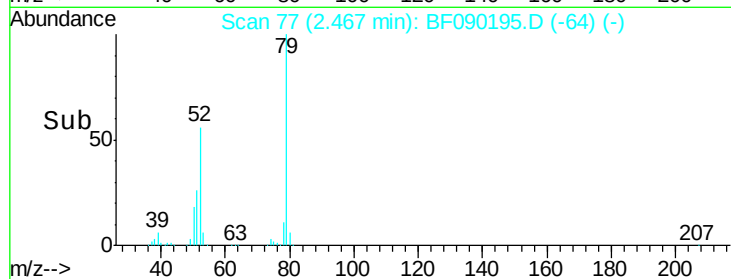
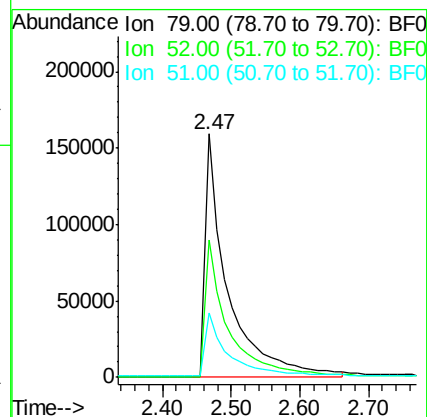
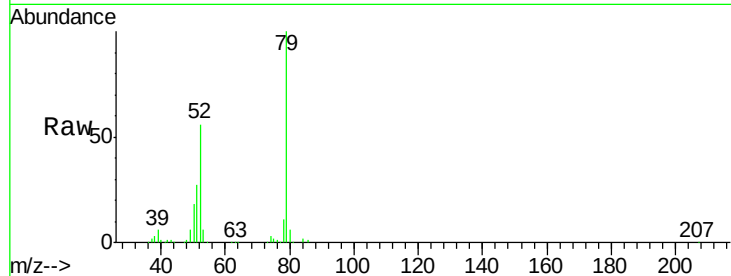




#3
Pvrindine
Concen: 38.15 ng
RT: 2.47 min Scan# 77
Delta R.T. -0.06 min
Lab File: BF090195.D
Acq: 23 Sep 2016 13:35

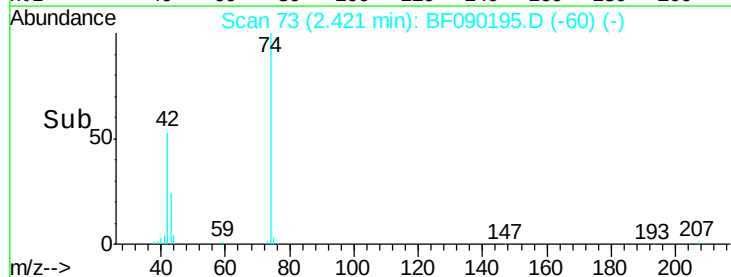
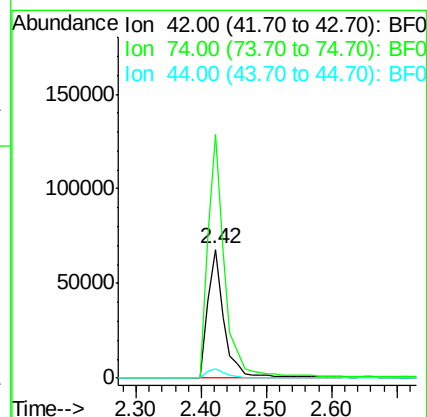
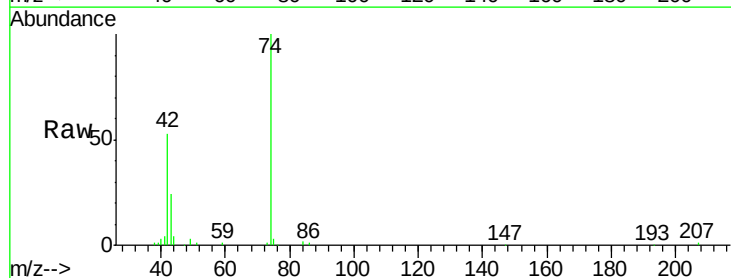
Instrument :
BNA_F
ClientSampleId :

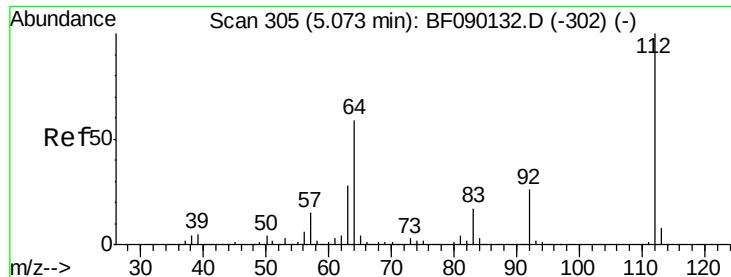
Tot Ion	Ratio	Lower	Upper
79	100		
52	56.4	45.9	68.9
51	26.7	21.3	31.9



#4
n-Nitrosodimethylamine
Concen: 42.27 ng
RT: 2.42 min Scan# 73
Delta R.T. -0.06 min
Lab File: BF090195.D
Acq: 23 Sep 2016 13:35

Tgt Ion	Ratio	Lower	Upper
42	100		
74	189.4	158.7	238.1
44	7.7	6.4	9.6





#5

2-Fluorophenol

Concen: 85.50 ng

RT: 5.05 min Scan# 303

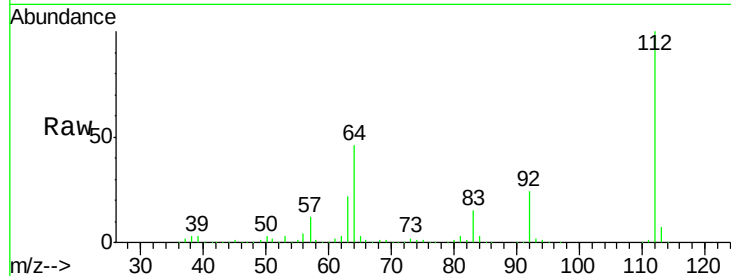
Delta R.T. -0.02 min

Lab File: BF090195.D

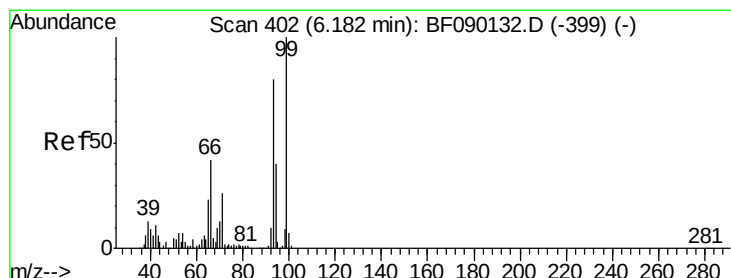
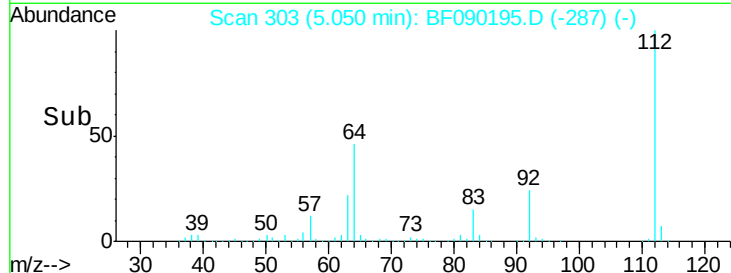
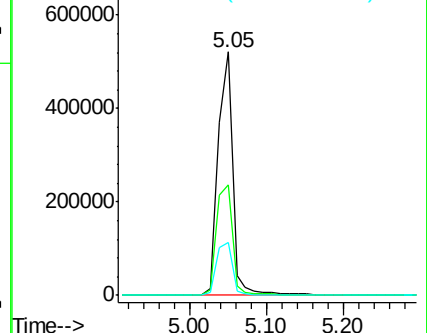
Acq: 23 Sep 2016 13:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	112	Resp:	688659
Ion	Ratio	Lower	Upper
112	100		
64	45.6	39.8	59.6
63	21.7	18.9	28.3



Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 40.42 ng

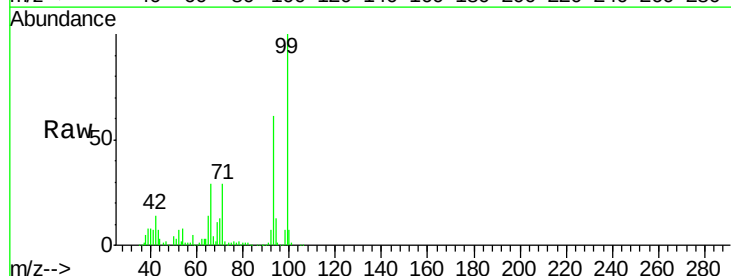
RT: 6.15 min Scan# 399

Delta R.T. -0.03 min

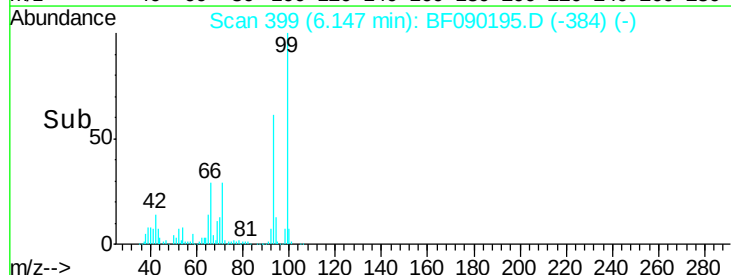
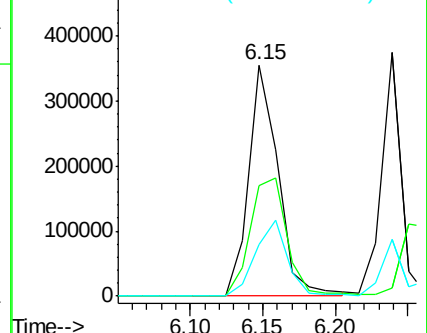
Lab File: BF090195.D

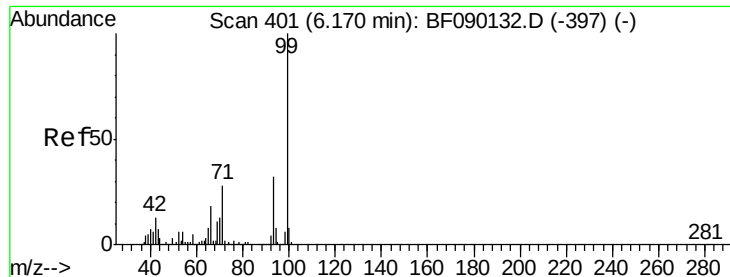
Acq: 23 Sep 2016 13:35

Tgt Ion:	93	Resp:	501139
Ion	Ratio	Lower	Upper
93	100		
66	47.9	54.2	81.2#
65	22.3	33.8	50.6#



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 79.43 ng

RT: 6.15 min Scan# 399

Delta R.T. -0.02 min

Lab File: BF090195.D

Acq: 23 Sep 2016 13:35

Instrument :

BNA_F

ClientSampleId :

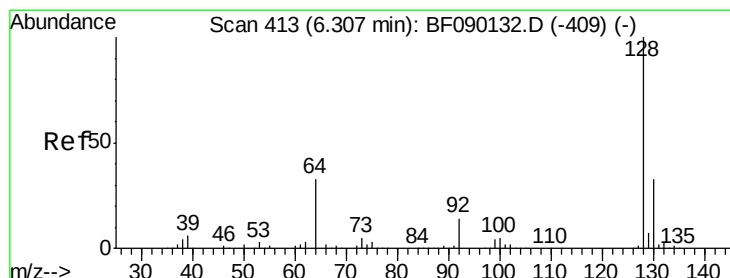
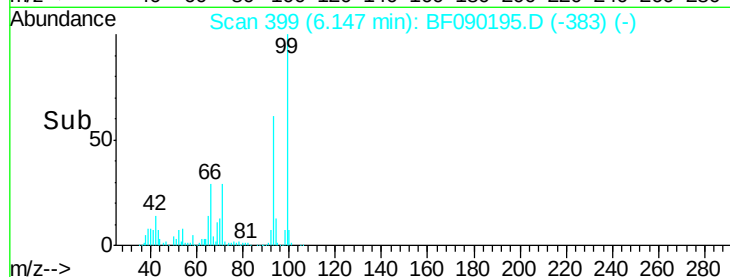
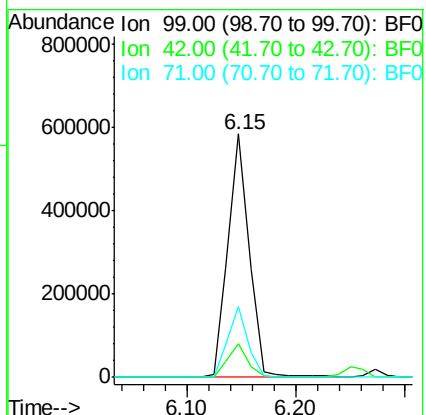
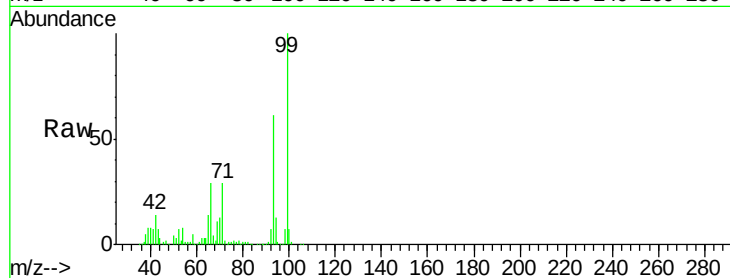
Tot Ion: 99 Resp: 790135

Ion Ratio Lower Upper

99 100

42 13.8 10.6 15.8

71 29.2 23.0 34.6



#8

2-Chlorophenol

Concen: 39.78 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.03 min

Lab File: BF090195.D

Acq: 23 Sep 2016 13:35

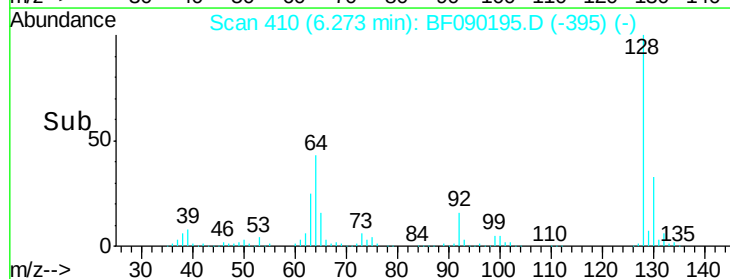
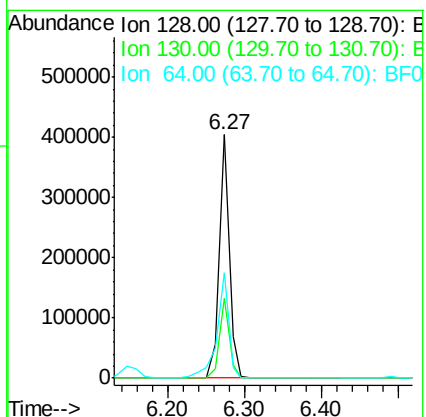
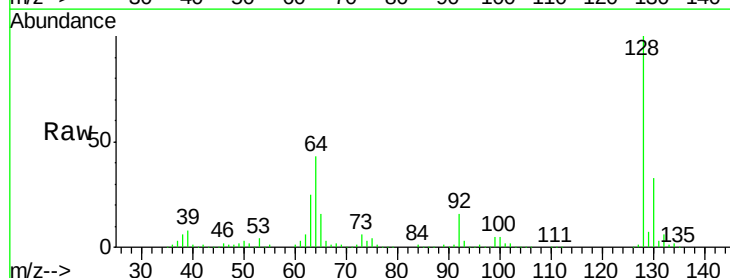
Tgt Ion: 128 Resp: 368640

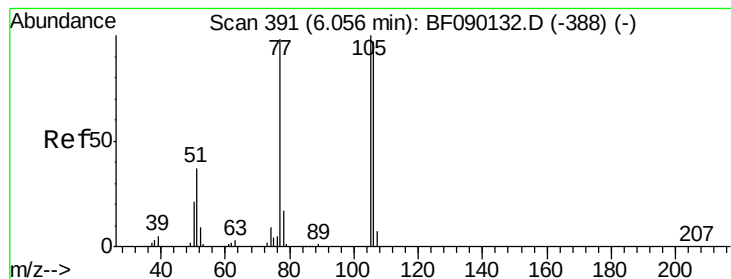
Ion Ratio Lower Upper

128 100

130 32.5 12.0 52.0

64 43.3 33.6 73.6





#9

Benzaldehyde

Concen: 41.44 ng

RT: 6.02 min Scan# 388

Delta R.T. -0.03 min

Lab File: BF090195.D

Acq: 23 Sep 2016 13:35

Instrument :

BNA_F

ClientSampleId :

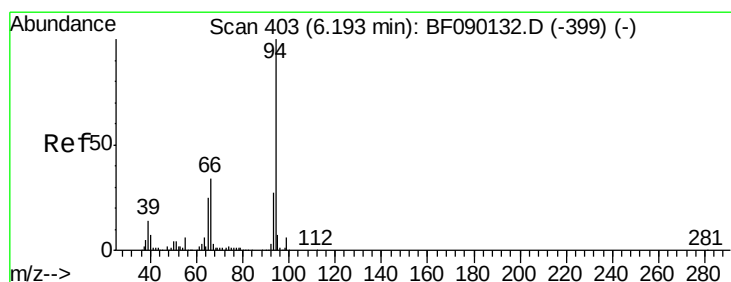
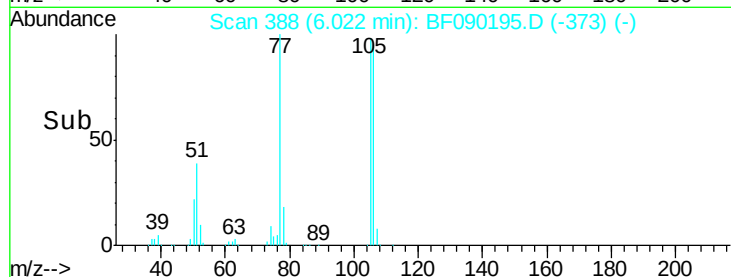
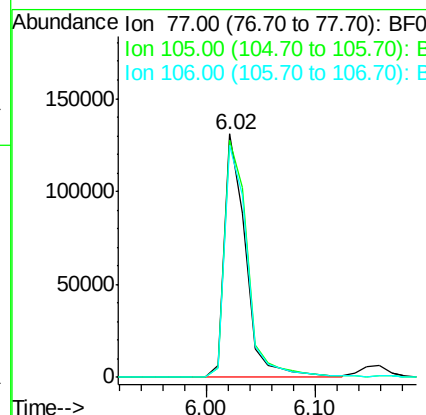
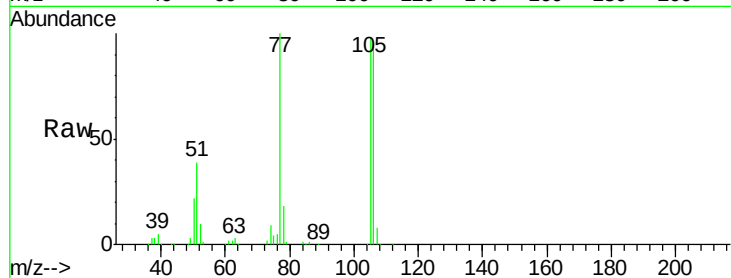
Tot Ion: 77 Resp: 179664

Ion Ratio Lower Upper

77 100

105 97.7 83.0 123.0

106 95.5 78.5 118.5



#10

Phenol

Concen: 36.03 ng

RT: 6.16 min Scan# 400

Delta R.T. -0.03 min

Lab File: BF090195.D

Acq: 23 Sep 2016 13:35

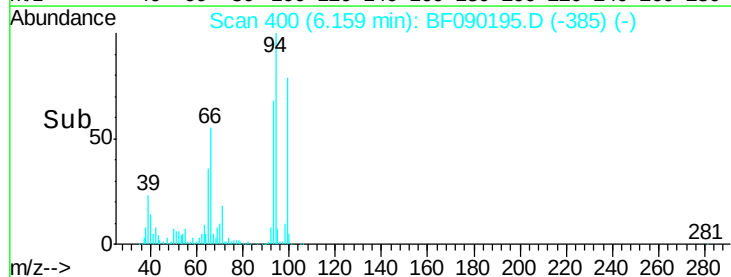
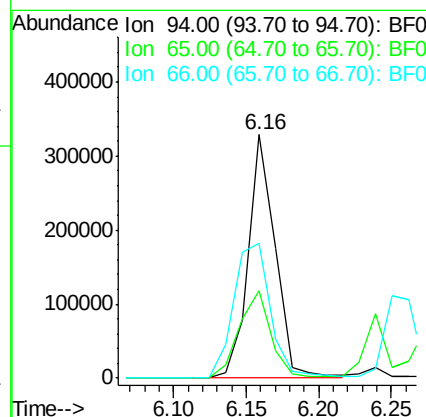
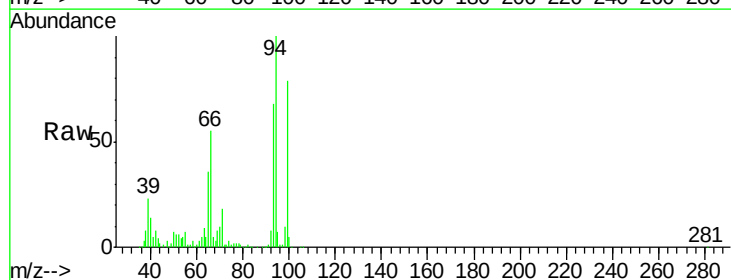
Tgt Ion: 94 Resp: 423647

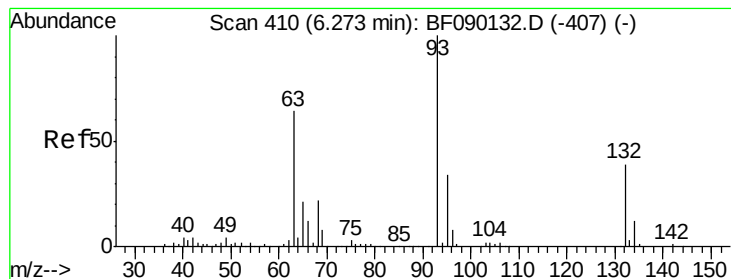
Ion Ratio Lower Upper

94 100

65 35.7 20.6 60.6

66 55.4 45.1 85.1

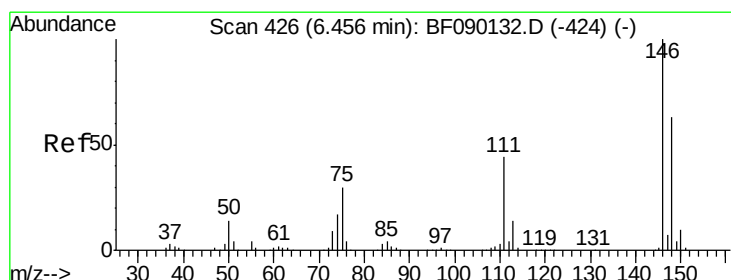
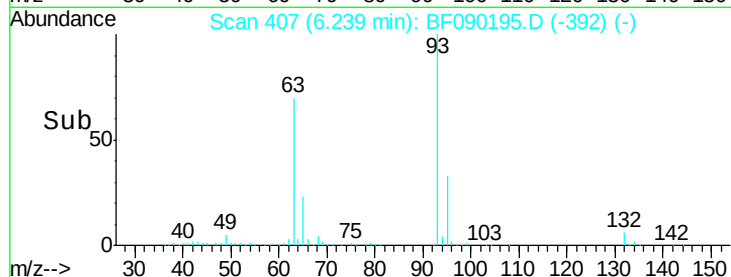
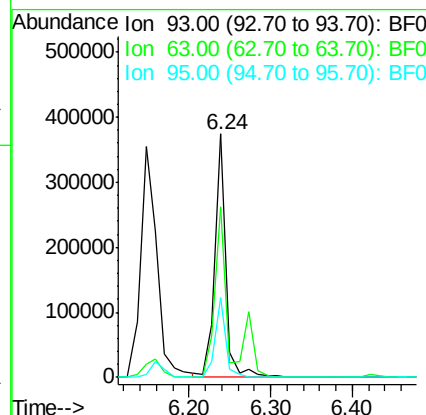
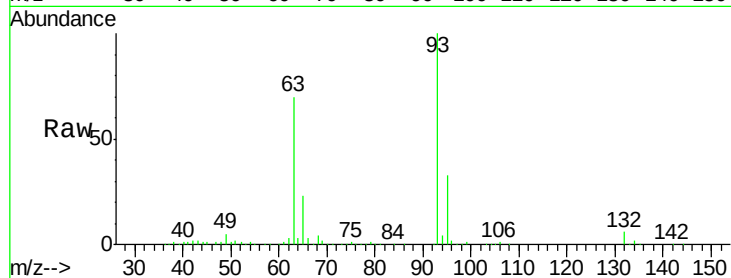




#11
bis(2-Chloroethyl)ether
Concen: 39.05 ng
RT: 6.24 min Scan# 407
Delta R.T. -0.03 min
Lab File: BF090195.D
Acq: 23 Sep 2016 13:35

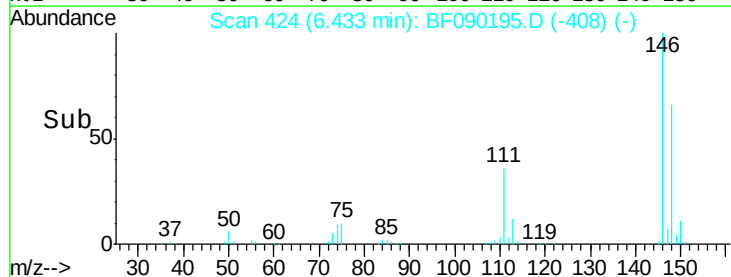
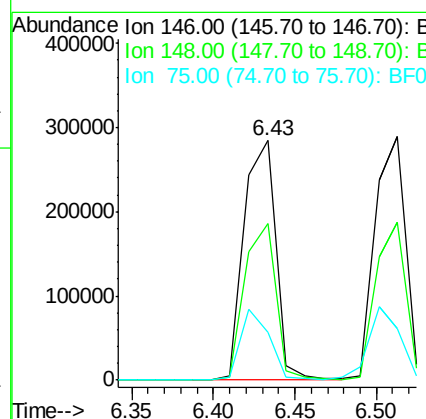
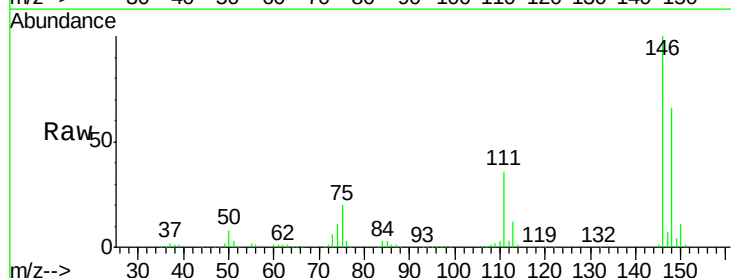
Instrument :
BNA_F
ClientSampled :

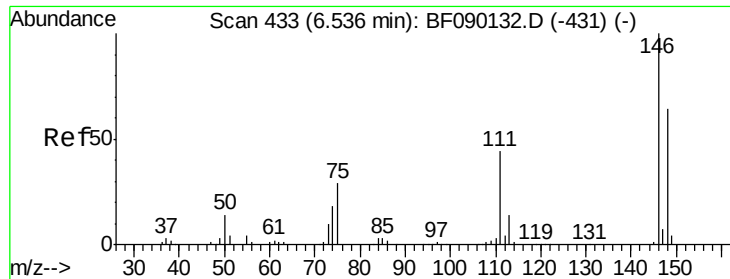
Tot Ion: 93 Resp: 358079
Ion Ratio Lower Upper
93 100
63 70.0 55.6 95.6
95 32.8 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 39.61 ng
RT: 6.43 min Scan# 424
Delta R.T. -0.02 min
Lab File: BF090195.D
Acq: 23 Sep 2016 13:35

Tgt Ion: 146 Resp: 383536
Ion Ratio Lower Upper
146 100
148 65.6 51.9 77.9
75 19.7 22.8 34.2#

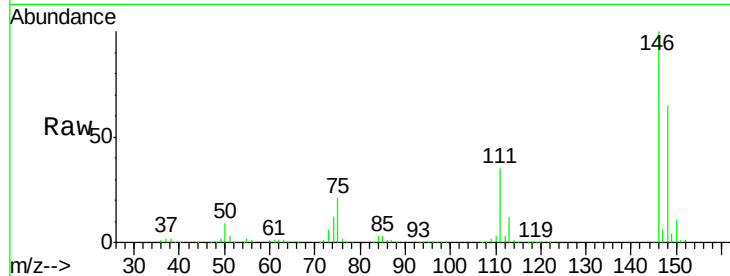




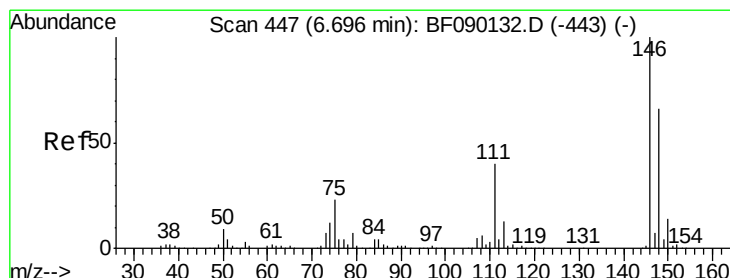
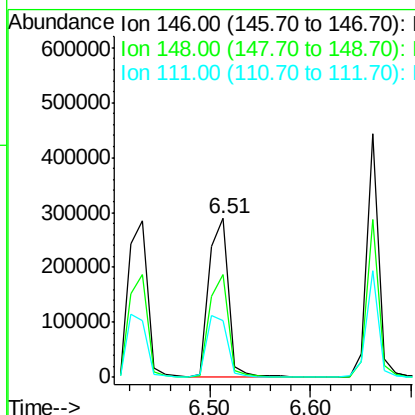
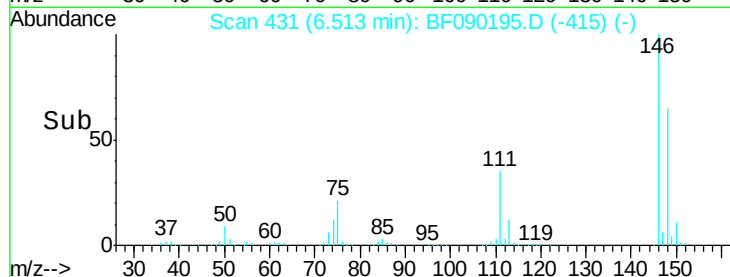
#13
 1,4-Dichlorobenzene
 Concen: 39.39 ng
 RT: 6.51 min Scan# 431
 Delta R.T. -0.02 min
 Lab File: BF090195.D
 Acq: 23 Sep 2016 13:35

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 389354
 Ion Ratio Lower Upper
 146 100
 148 65.1 52.0 78.0
 111 35.4 33.8 50.6

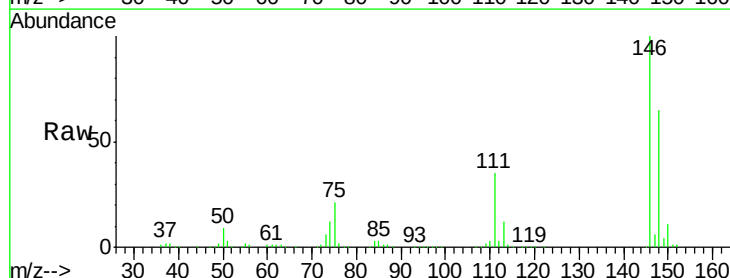


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

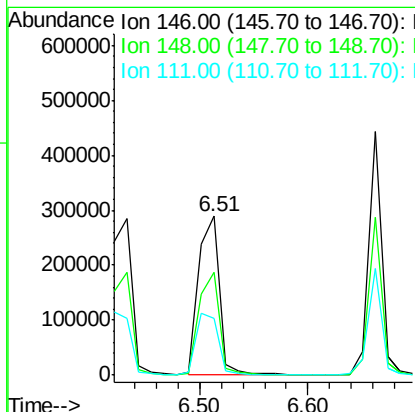
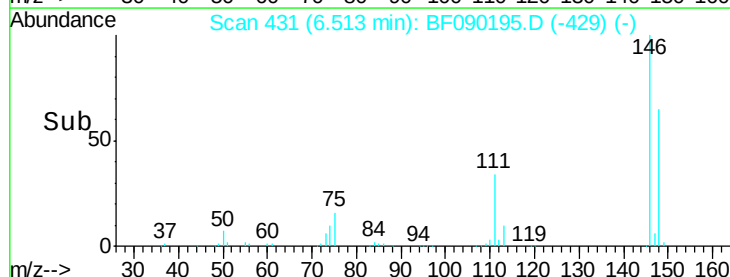


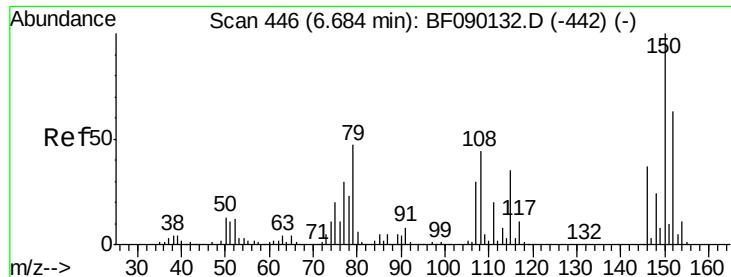
#14
 1,2-Dichlorobenzene
 Concen: 43.68 ng
 RT: 6.51 min Scan# 431
 Delta R.T. -0.18 min
 Lab File: BF090195.D
 Acq: 23 Sep 2016 13:35

Tgt Ion:146 Resp: 384661
 Ion Ratio Lower Upper
 146 100
 148 65.1 52.6 79.0
 111 35.4 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

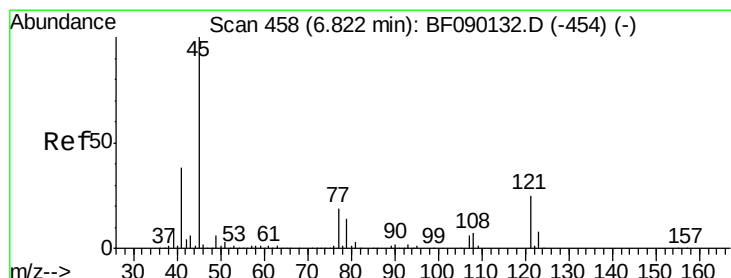
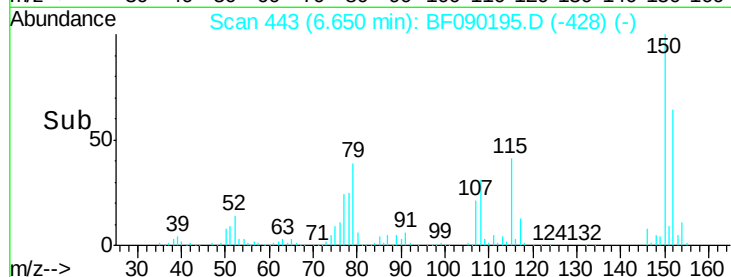
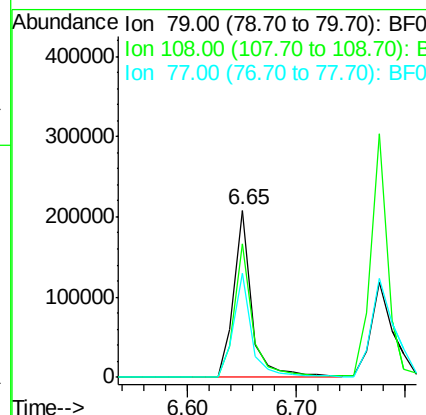
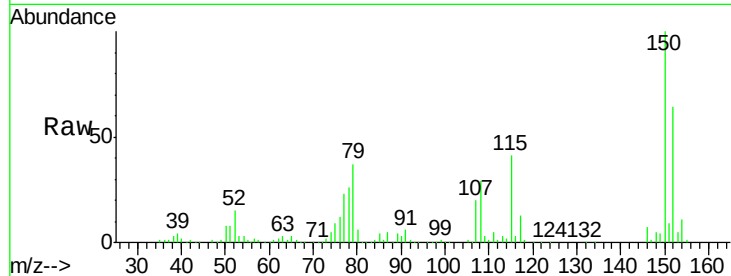




#15
Benzyl Alcohol
Concen: 40.72 ng
RT: 6.65 min Scan# 443
Delta R.T. -0.03 min
Lab File: BF090195.D
Acq: 23 Sep 2016 13:35

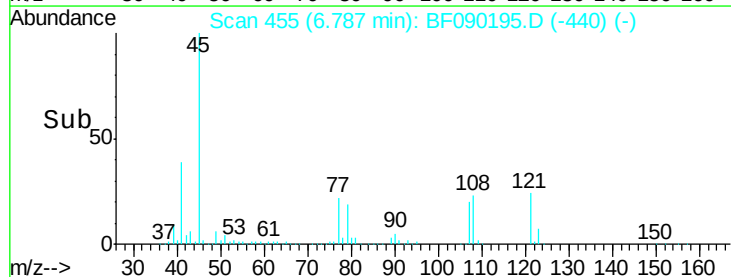
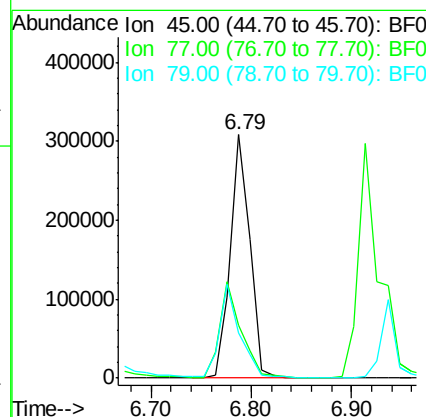
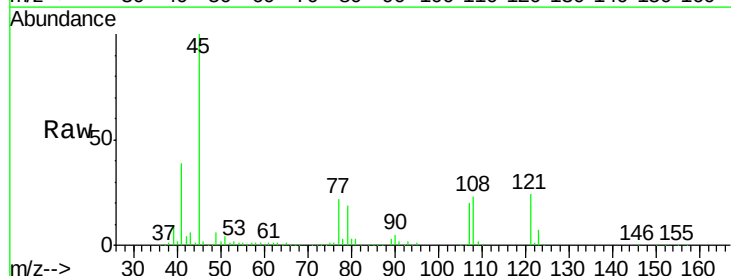
Instrument :
BNA_F
ClientSampleId :

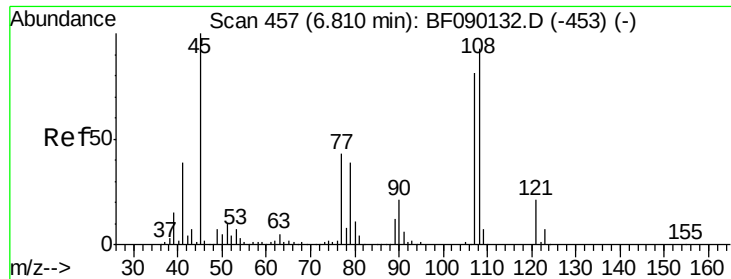
Tot Ion: 79 Resp: 241566
Ion Ratio Lower Upper
79 100
108 79.6 62.2 93.4
77 62.4 51.4 77.0



#16
2,2'-oxybis(1-chloropropane)
Concen: 38.06 ng
RT: 6.79 min Scan# 455
Delta R.T. -0.03 min
Lab File: BF090195.D
Acq: 23 Sep 2016 13:35

Tgt Ion: 45 Resp: 417098
Ion Ratio Lower Upper
45 100
77 21.9 0.5 40.5
79 18.8 0.0 37.0

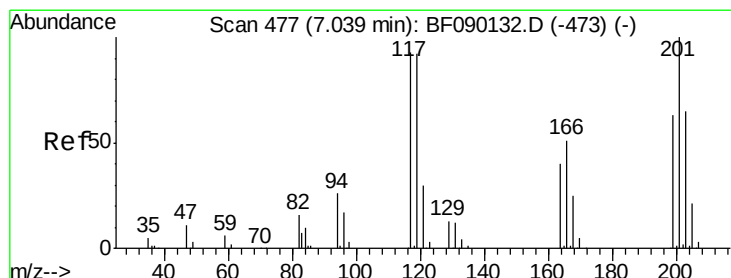
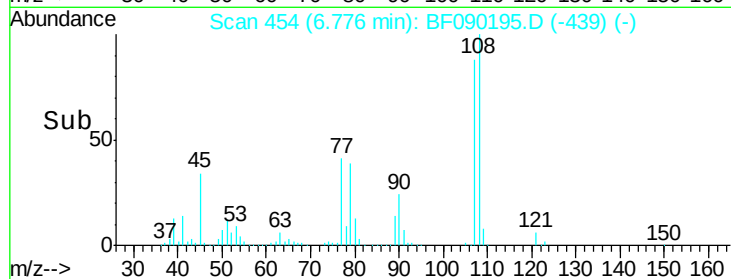
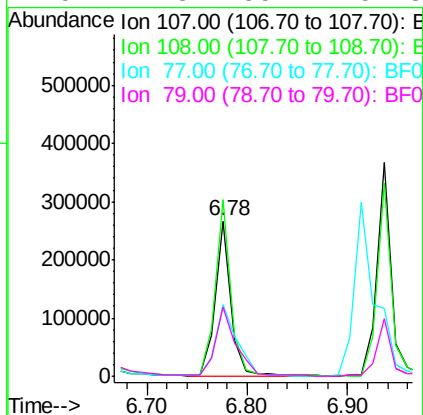
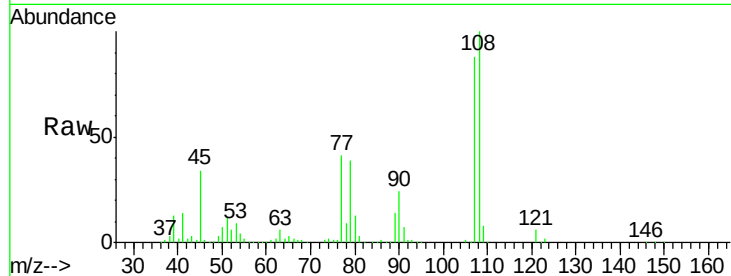




#17
2-Methylphenol
Concen: 39.25 ng
RT: 6.78 min Scan# 454
Delta R.T. -0.03 min
Lab File: BF090195.D
Acq: 23 Sep 2016 13:35

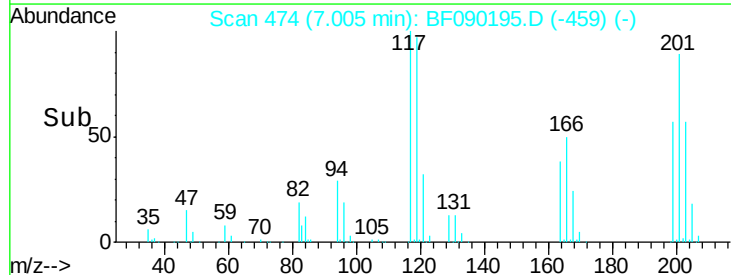
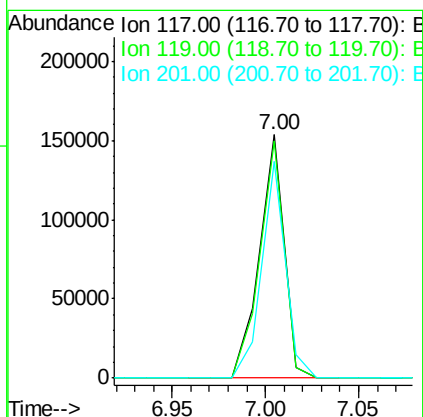
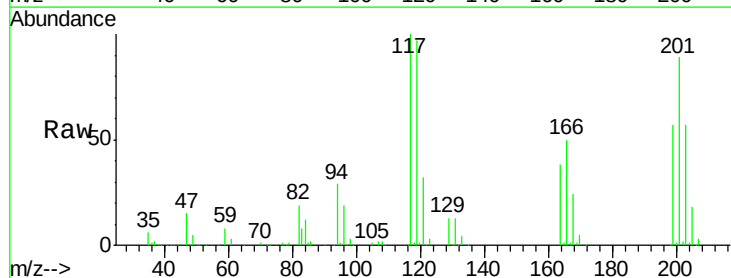
Instrument :
BNA_F
ClientSampleId :

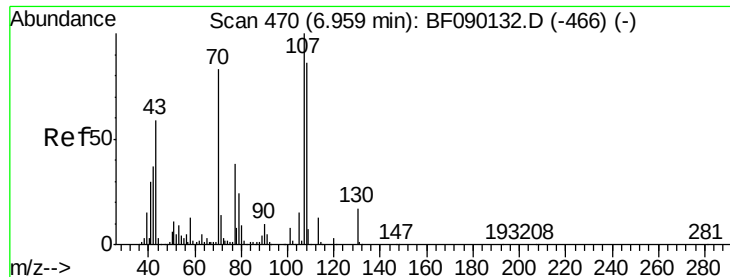
Tot Ion:	107	Resp:	286562
Ion	Ratio	Lower	Upper
107	100		
108	113.6	92.0	138.0
77	46.0	35.6	53.4
79	44.3	35.2	52.8



#18
Hexachloroethane
Concen: 39.87 ng
RT: 7.00 min Scan# 474
Delta R.T. -0.03 min
Lab File: BF090195.D
Acq: 23 Sep 2016 13:35

Tgt Ion:	117	Resp:	140570
Ion	Ratio	Lower	Upper
117	100		
119	97.5	76.6	115.0
201	89.3	55.5	83.3#

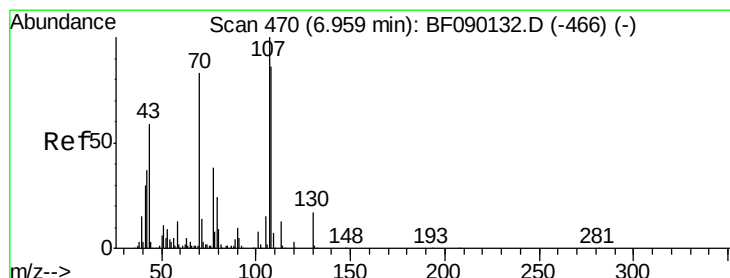
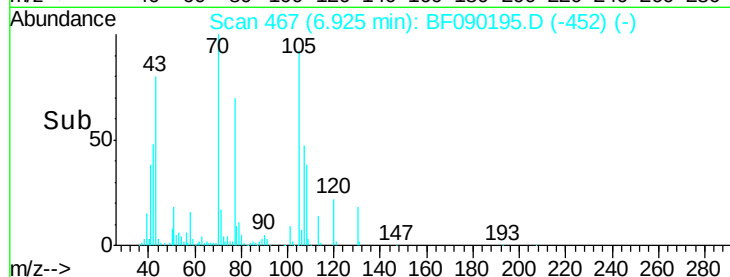
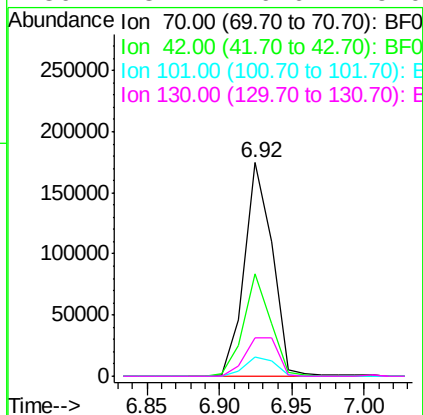
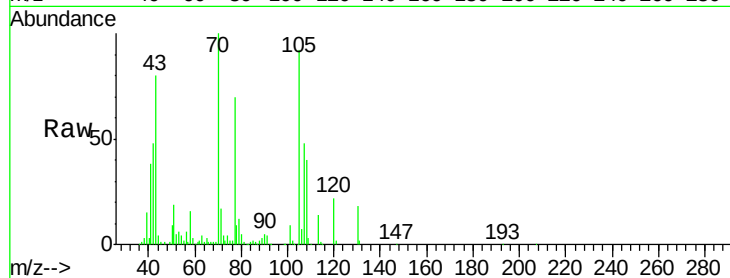




#19
n-Nitroso-di-n-propylamine
Concen: 40.02 ng
RT: 6.92 min Scan# 467
Delta R.T. -0.03 min
Lab File: BF090195.D
Acq: 23 Sep 2016 13:35

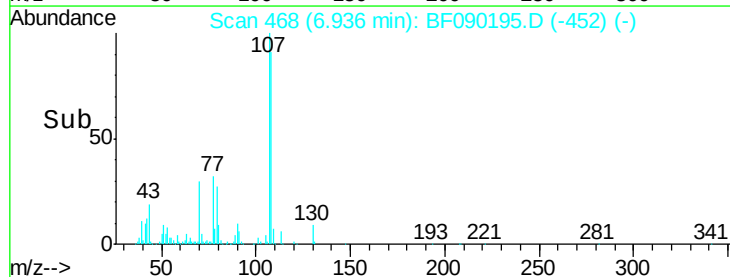
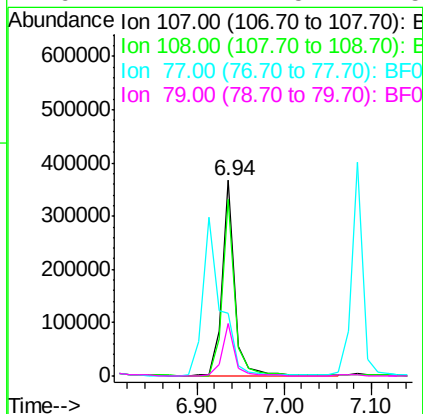
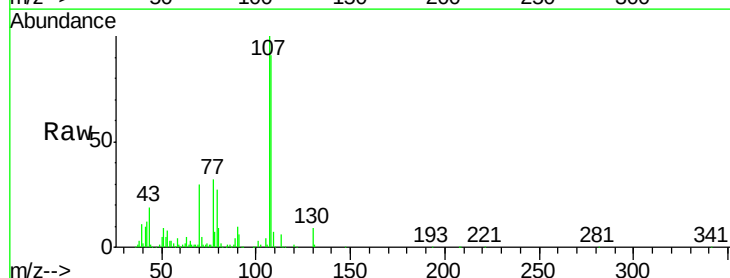
Instrument :
BNA_F
ClientSampleId :

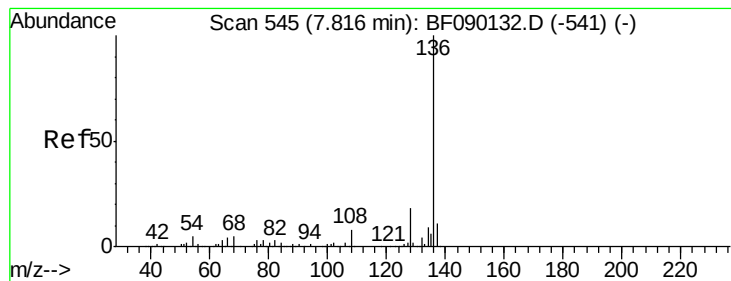
Tot Ion:	70	Resp:	233869
Ion	Ratio	Lower	Upper
70	100		
42	48.1	35.1	52.7
101	8.9	7.5	11.3
130	18.1	16.6	25.0



#20
3+4-Methylphenols
Concen: 42.54 ng
RT: 6.94 min Scan# 468
Delta R.T. -0.02 min
Lab File: BF090195.D
Acq: 23 Sep 2016 13:35

Tgt Ion:	107	Resp:	372810
Ion	Ratio	Lower	Upper
107	100		
108	90.7	73.3	113.3
77	32.0	14.1	54.1
79	27.1	7.5	47.5

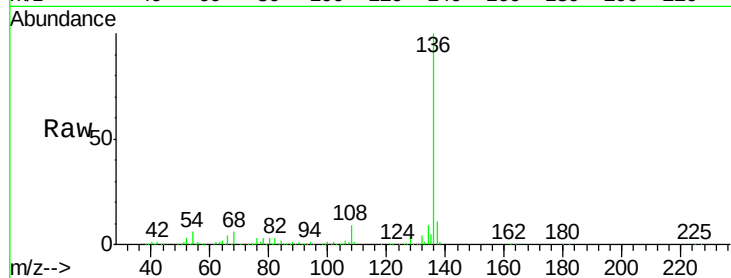




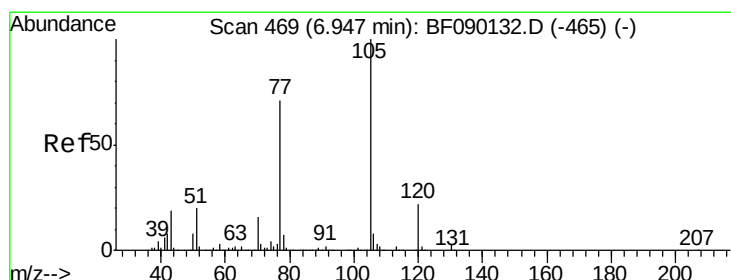
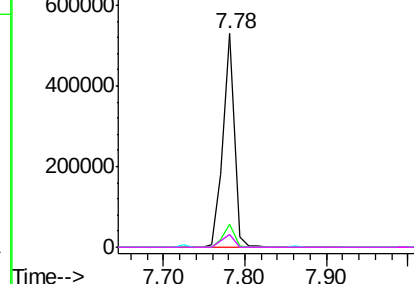
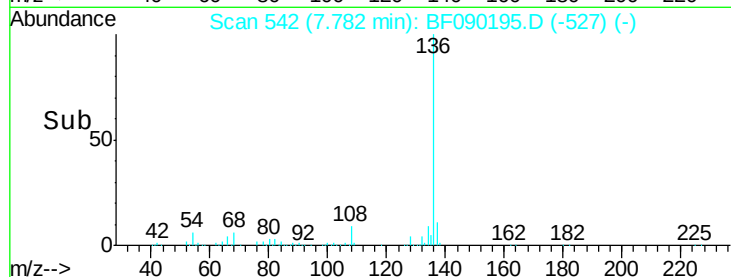
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.78 min Scan# 542
Delta R.T. -0.03 min
Lab File: BF090195.D
Acq: 23 Sep 2016 13:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	516242
Ion	Ratio	Lower Upper
136	100	
137	11.0	9.0 13.4
54	6.1	6.4 9.6#
68	6.0	6.3 9.5#

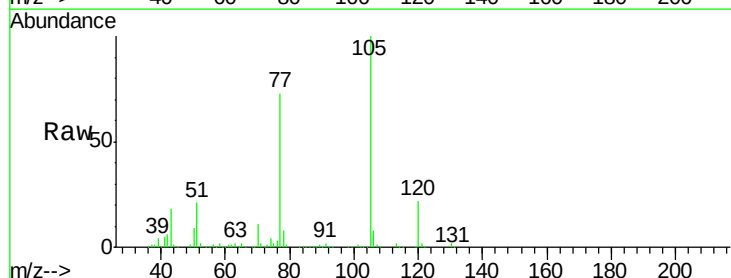


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

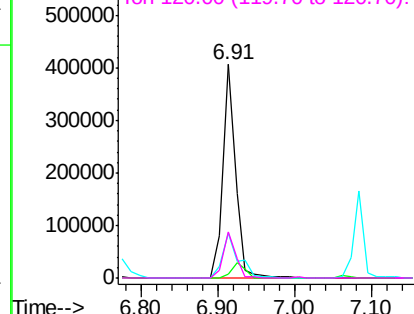
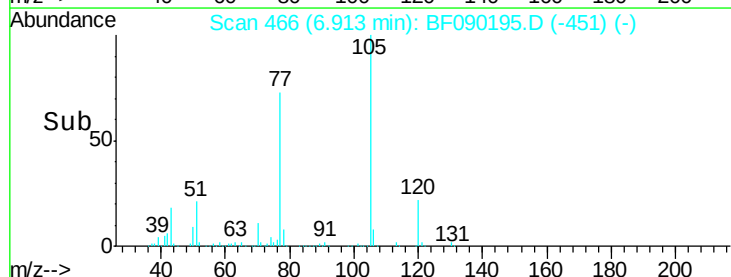


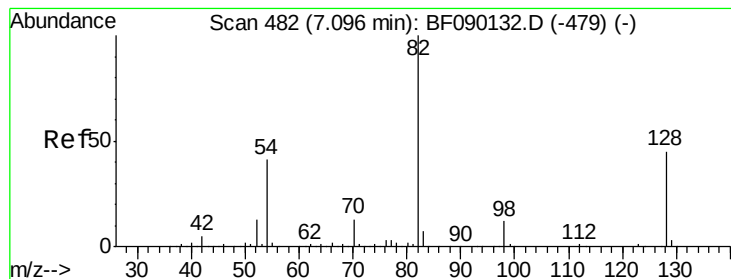
#22
Acetophenone
Concen: 37.88 ng
RT: 6.91 min Scan# 466
Delta R.T. -0.03 min
Lab File: BF090195.D
Acq: 23 Sep 2016 13:35

Tgt Ion:105	Resp:	471574
Ion	Ratio	Lower Upper
105	100	
71	1.9	4.1 6.1#
51	21.1	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: 79.18 ng

RT: 7.06 min Scan# 479

Delta R.T. -0.03 min

Lab File: BF090195.D

Acq: 23 Sep 2016 13:35

Instrument :

BNA_F

ClientSampleId :

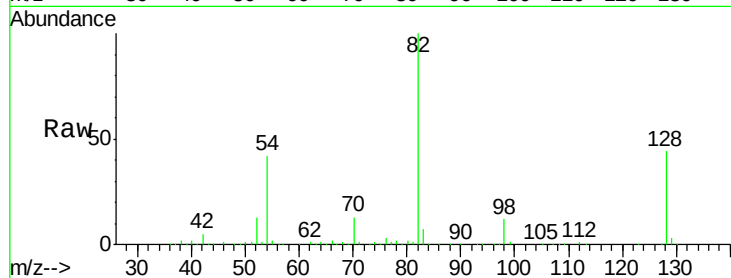
Tot Ion: 82 Resp: 705104

Ion Ratio Lower Upper

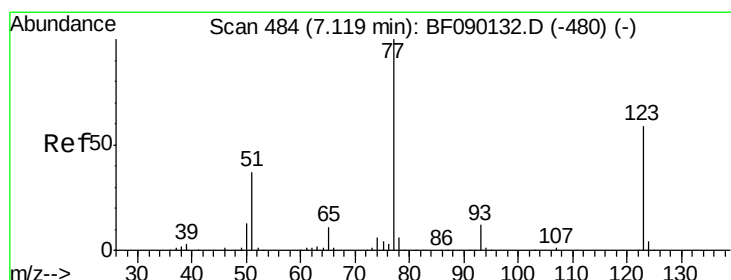
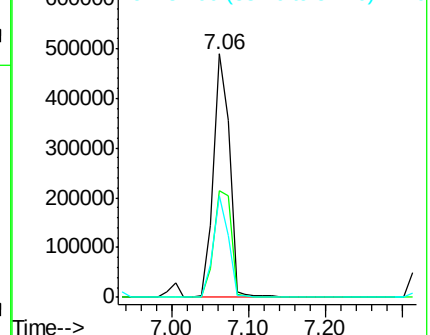
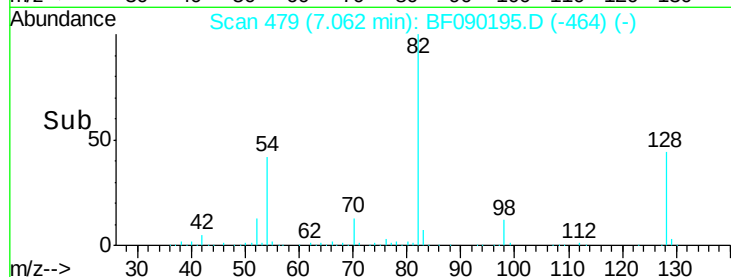
82 100

128 44.0 37.5 56.3

54 41.6 31.9 47.9



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



#24

Nitrobenzene

Concen: 39.74 ng

RT: 7.08 min Scan# 481

Delta R.T. -0.03 min

Lab File: BF090195.D

Acq: 23 Sep 2016 13:35

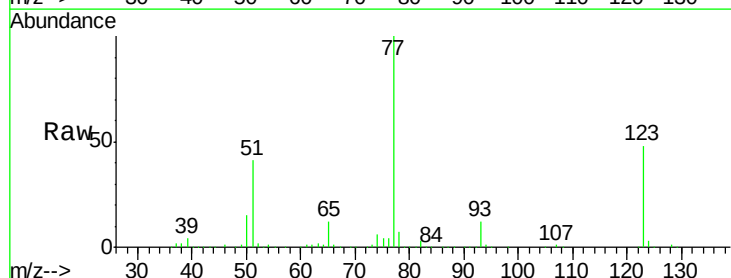
Tgt Ion: 77 Resp: 368718

Ion Ratio Lower Upper

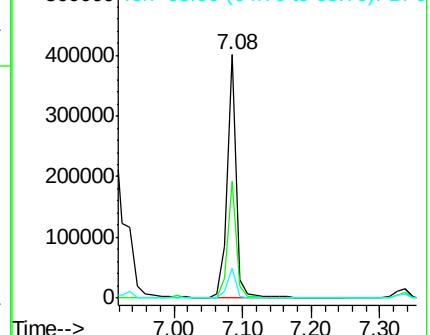
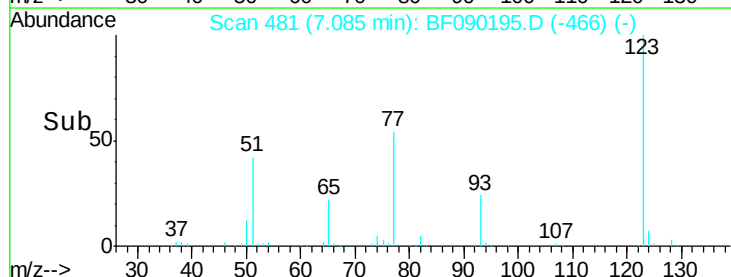
77 100

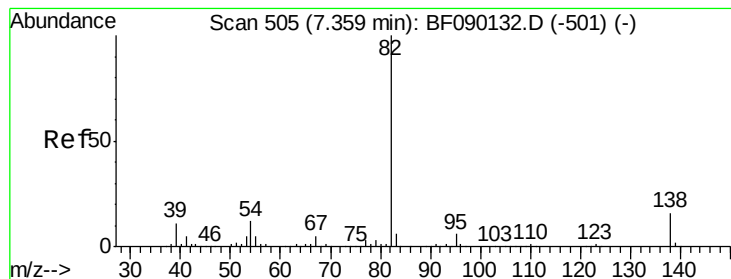
123 47.9 33.4 50.2

65 12.4 10.1 15.1



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 37.51 ng

RT: 7.34 min Scan# 503

Delta R.T. -0.02 min

Lab File: BF090195.D

Acq: 23 Sep 2016 13:35

Instrument :

BNA_F

ClientSampleId :

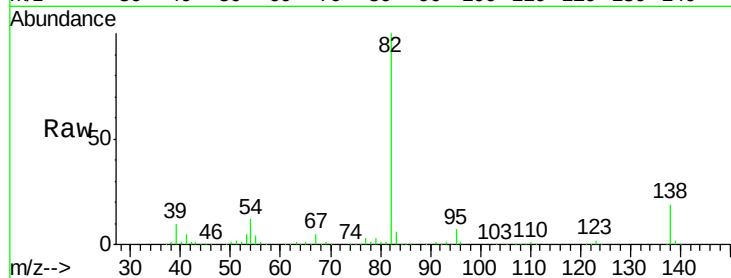
Tot Ion: 82 Resp: 697869

Ion Ratio Lower Upper

82 100

95 6.6 5.1 7.7

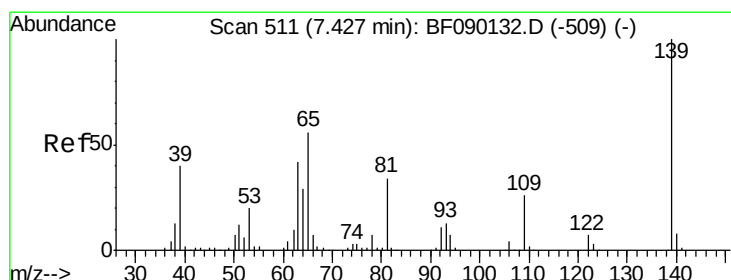
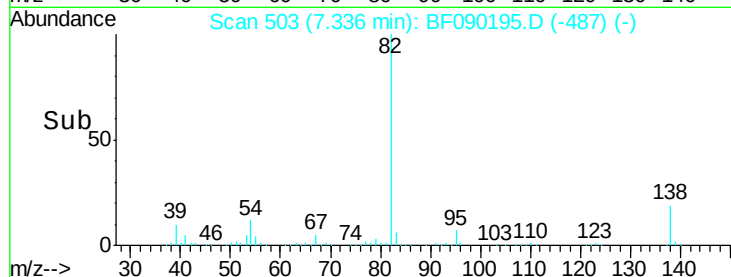
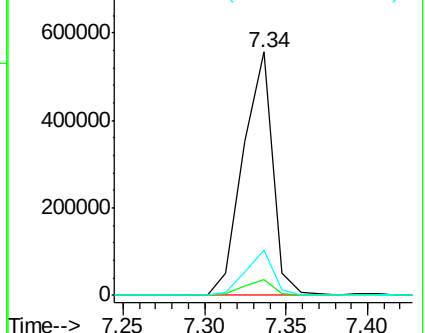
138 18.5 13.5 20.3



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: 45.13 ng

RT: 7.40 min Scan# 509

Delta R.T. -0.02 min

Lab File: BF090195.D

Acq: 23 Sep 2016 13:35

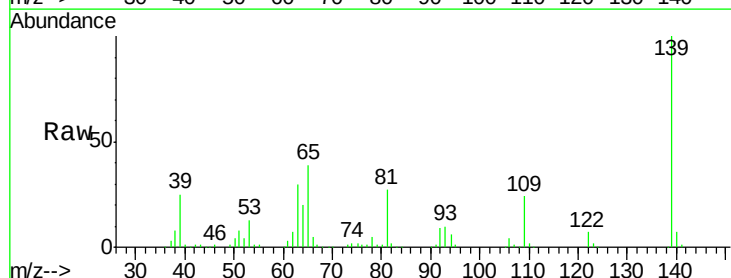
Tgt Ion: 139 Resp: 206230

Ion Ratio Lower Upper

139 100

109 23.7 20.5 30.7

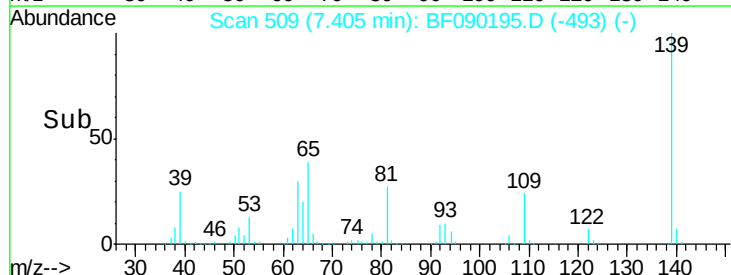
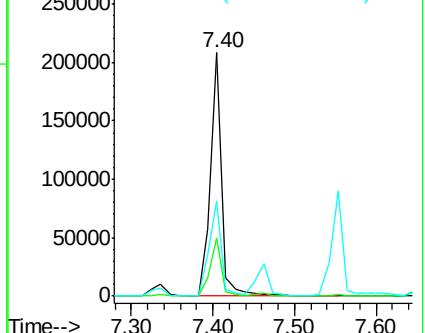
65 38.8 37.9 56.9

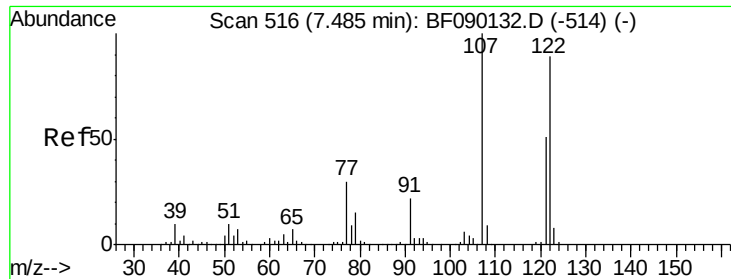


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 42.14 ng

RT: 7.46 min Scan# 514

Delta R.T. -0.02 min

Lab File: BF090195.D

Acq: 23 Sep 2016 13:35

Instrument :

BNA_F

ClientSampled :

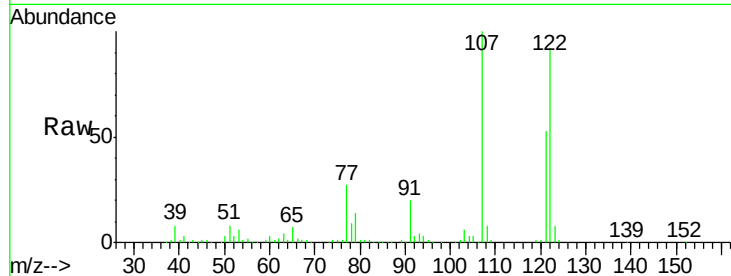
Tot Ion:122 Resp: 342054

Ion Ratio Lower Upper

122 100

107 109.2 87.8 131.6

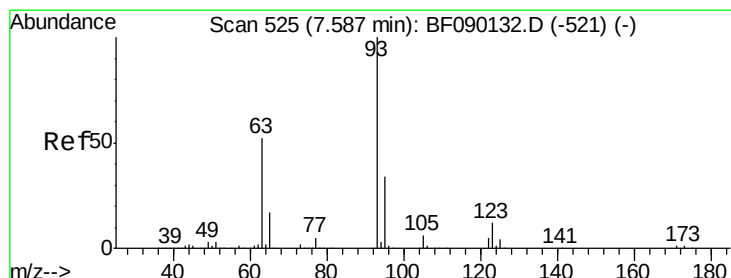
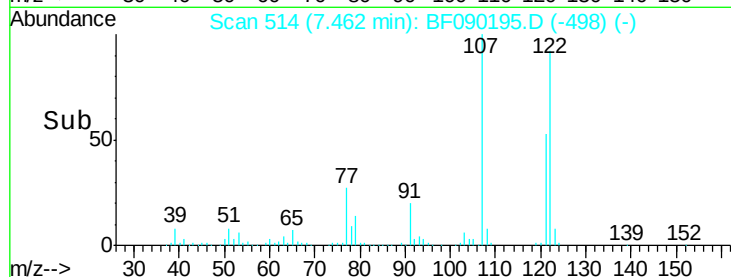
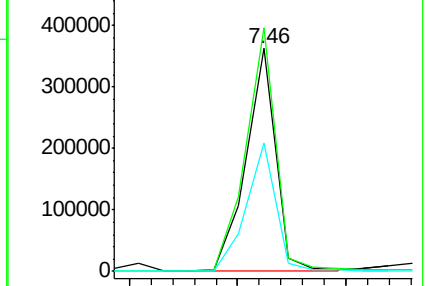
121 57.5 45.7 68.5



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: 40.08 ng

RT: 7.55 min Scan# 522

Delta R.T. -0.03 min

Lab File: BF090195.D

Acq: 23 Sep 2016 13:35

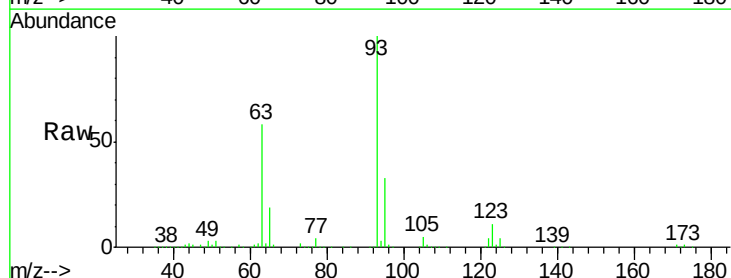
Tgt Ion: 93 Resp: 451122

Ion Ratio Lower Upper

93 100

95 32.7 26.8 40.2

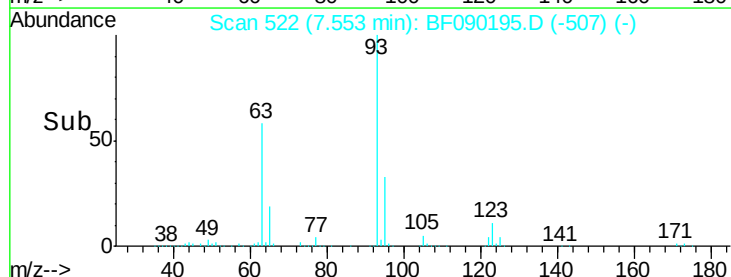
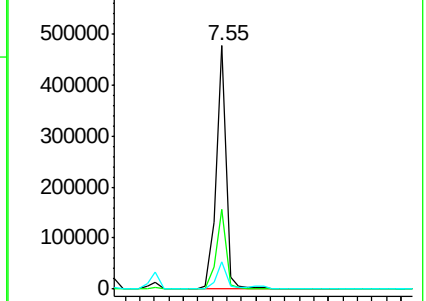
123 11.0 8.5 12.7

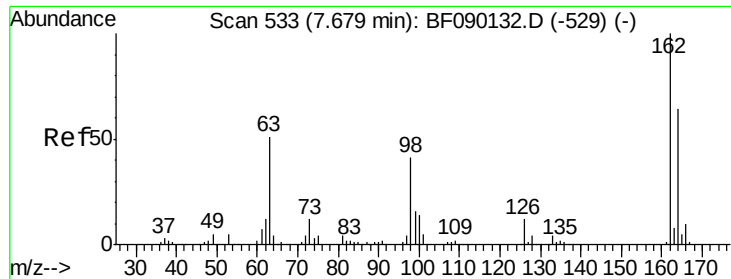


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

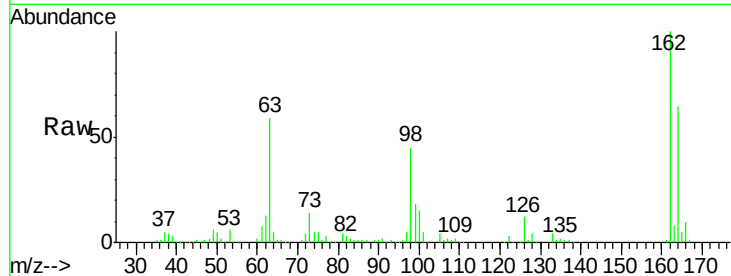




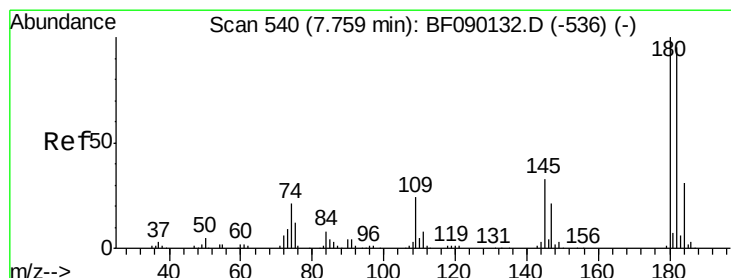
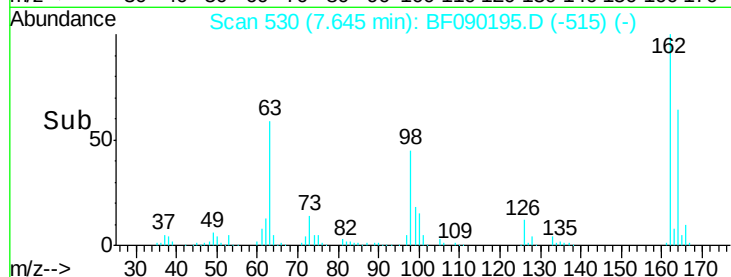
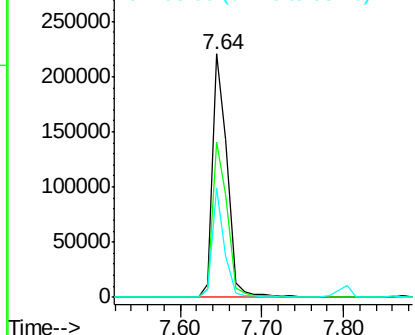
#29
 2,4-Dichlorophenol
 Concen: 39.16 ng
 RT: 7.64 min Scan# 530
 Delta R.T. -0.03 min
 Lab File: BF090195.D
 Acq: 23 Sep 2016 13:35

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 278841
 Ion Ratio Lower Upper
 162 100
 164 63.7 46.2 86.2
 98 44.9 10.4 50.4

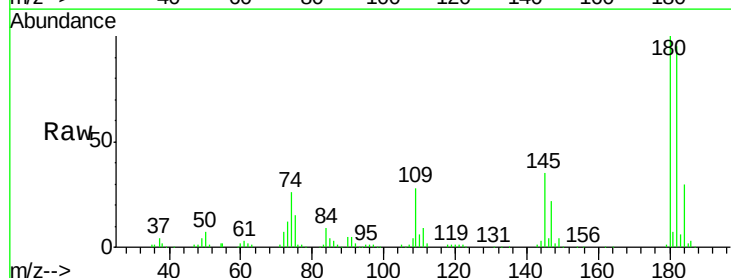


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

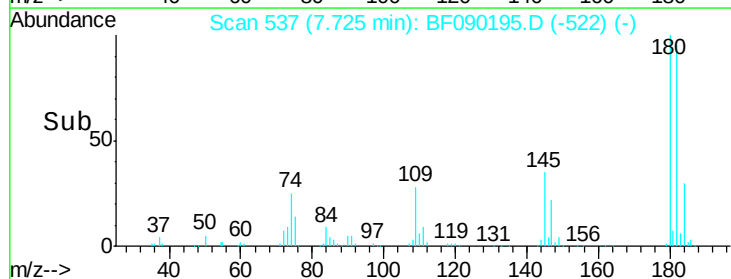
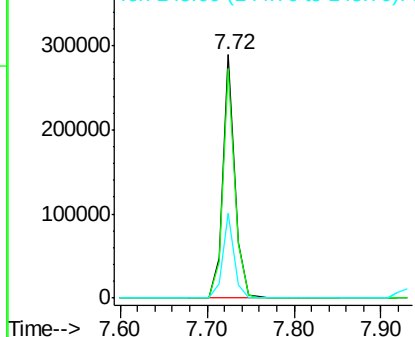


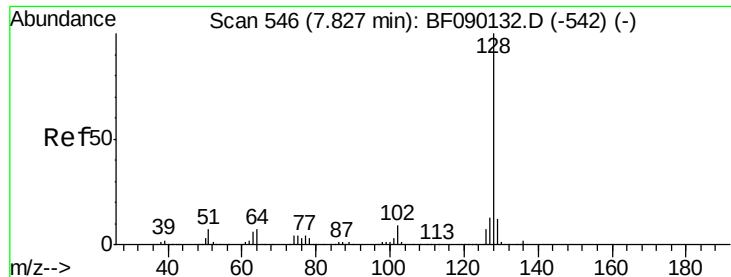
#30
 1,2,4-Trichlorobenzene
 Concen: 39.57 ng
 RT: 7.72 min Scan# 537
 Delta R.T. -0.03 min
 Lab File: BF090195.D
 Acq: 23 Sep 2016 13:35

Tgt Ion:180 Resp: 281446
 Ion Ratio Lower Upper
 180 100
 182 94.5 75.0 112.6
 145 34.6 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

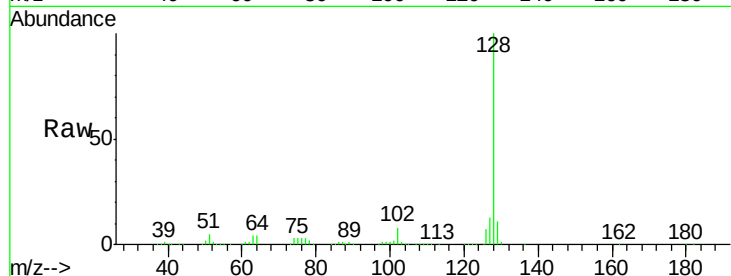




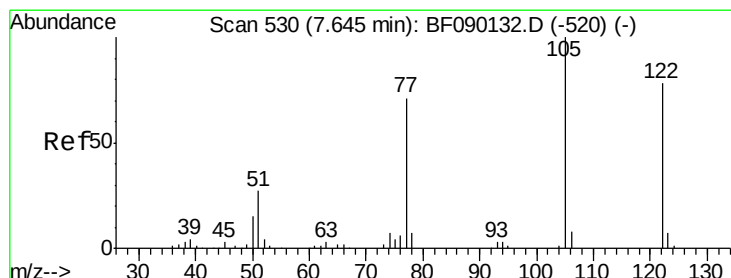
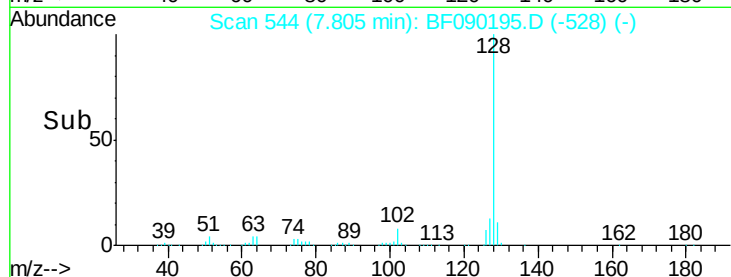
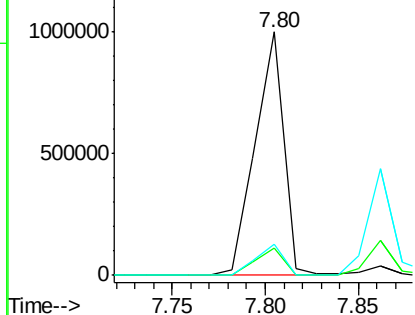
#31
Naphthalene
Concen: 42.83 ng
RT: 7.80 min Scan# 544
Delta R.T. -0.02 min
Lab File: BF090195.D
Acq: 23 Sep 2016 13:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1052743
Ion Ratio Lower Upper
128 100
129 11.1 9.3 13.9
127 13.0 10.8 16.2

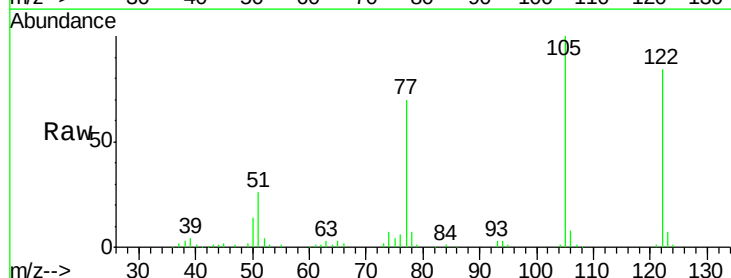


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

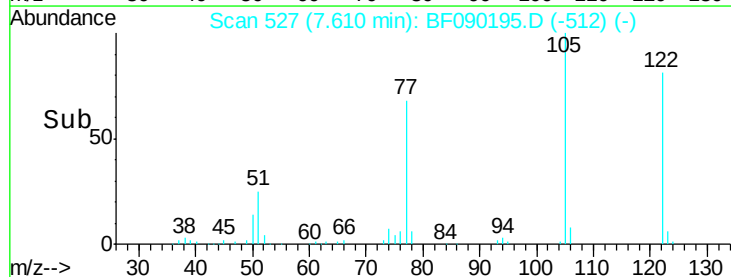
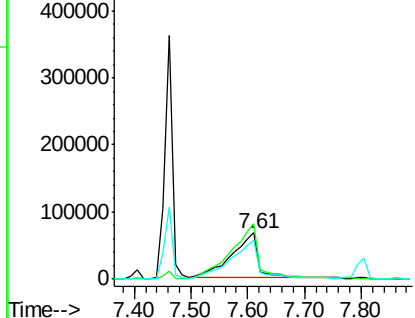


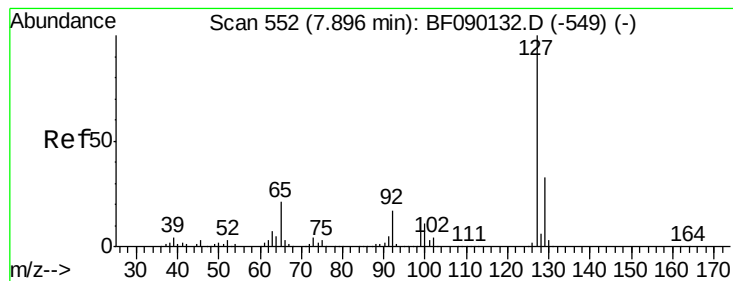
#32
Benzoic acid
Concen: 40.45 ng
RT: 7.61 min Scan# 527
Delta R.T. -0.03 min
Lab File: BF090195.D
Acq: 23 Sep 2016 13:35

Tgt Ion:122 Resp: 225438
Ion Ratio Lower Upper
122 100
105 119.6 105.0 145.0
77 83.3 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: 41.87 ng

RT: 7.86 min Scan# 549

Delta R.T. -0.03 min

Lab File: BF090195.D

Acq: 23 Sep 2016 13:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 426877

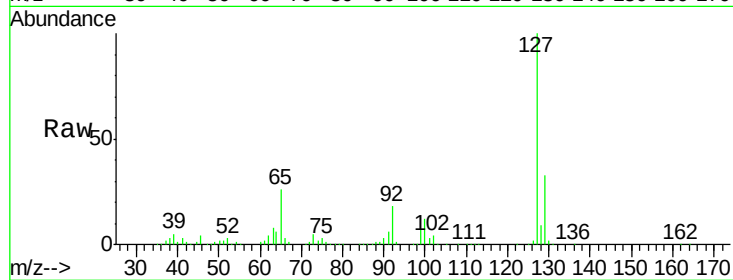
Ion Ratio Lower Upper

127 100

129 33.0 25.8 38.6

65 25.9 24.1 36.1

92 18.4 16.3 24.5

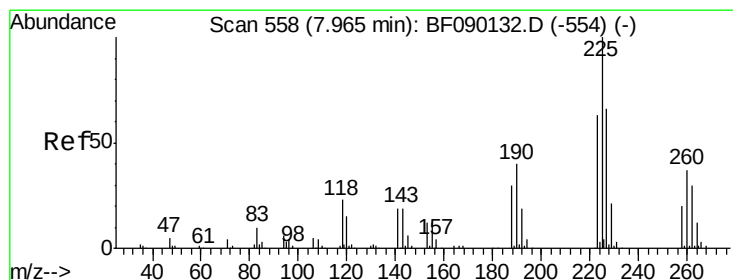
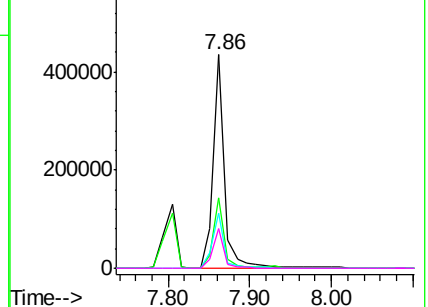
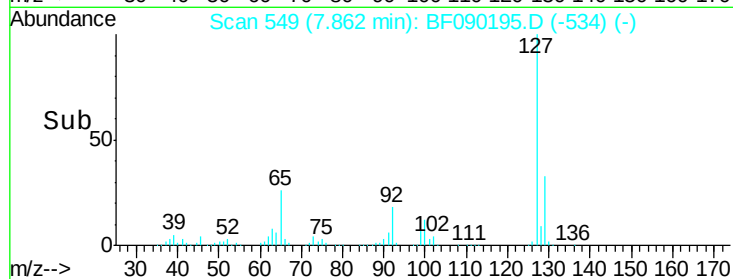


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 42.50 ng

RT: 7.93 min Scan# 555

Delta R.T. -0.03 min

Lab File: BF090195.D

Acq: 23 Sep 2016 13:35

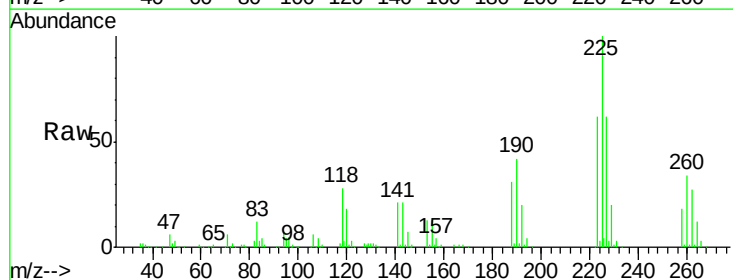
Tgt Ion:225 Resp: 159462

Ion Ratio Lower Upper

225 100

223 61.8 51.3 76.9

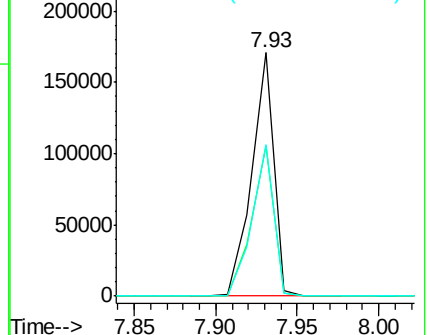
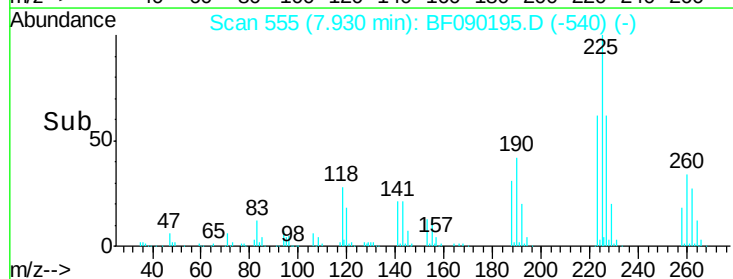
227 62.5 51.4 77.0

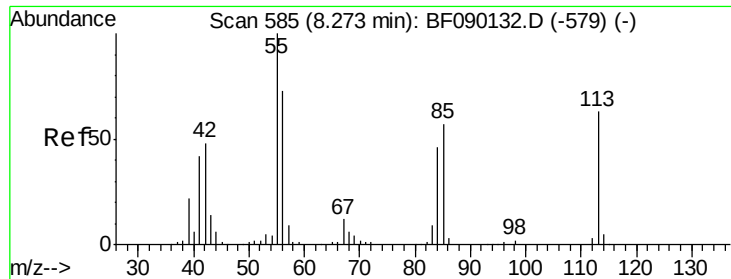


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 37.02 ng

RT: 8.24 min Scan# 582

Delta R.T. -0.03 min

Lab File: BF090195.D

Acq: 23 Sep 2016 13:35

Instrument :

BNA_F

ClientSampleId :

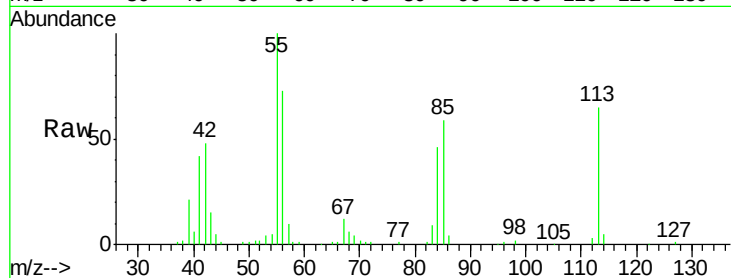
Tot Ion:113 Resp: 87246

Ion Ratio Lower Upper

113 100

55 154.7 134.5 174.5

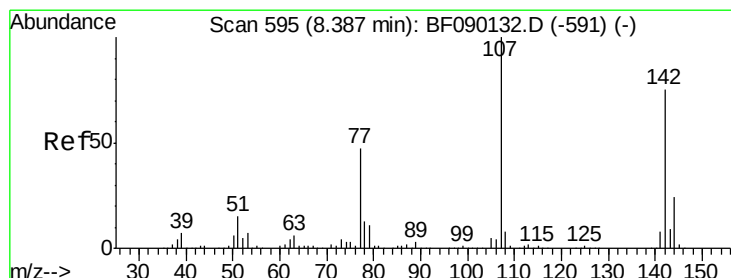
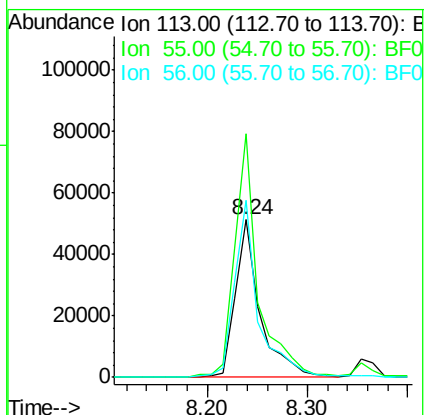
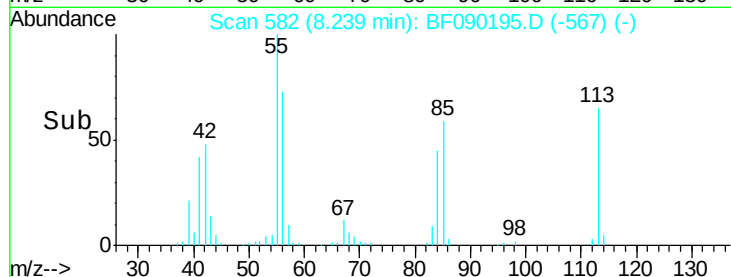
56 112.6 93.7 133.7



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: 38.23 ng

RT: 8.35 min Scan# 592

Delta R.T. -0.03 min

Lab File: BF090195.D

Acq: 23 Sep 2016 13:35

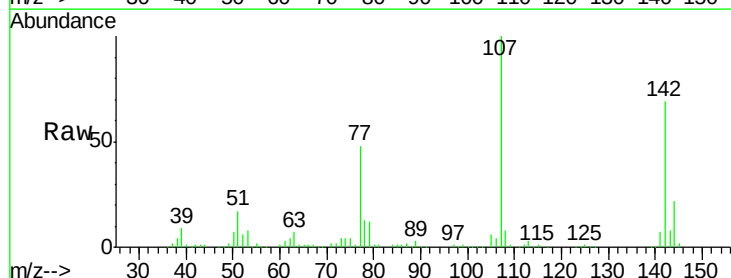
Tgt Ion:107 Resp: 307684

Ion Ratio Lower Upper

107 100

144 22.1 18.6 27.8

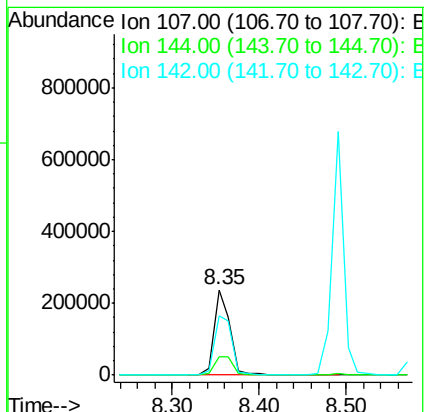
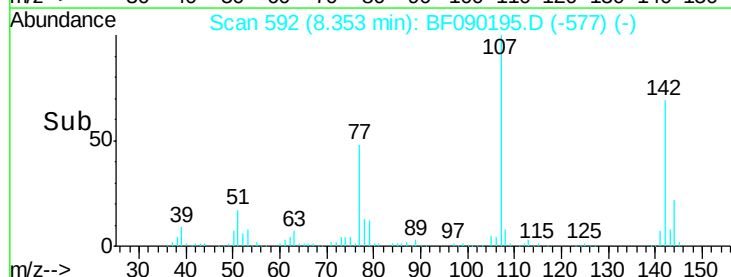
142 69.1 57.0 85.6

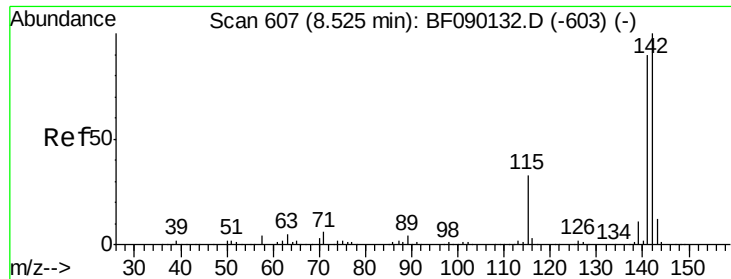


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

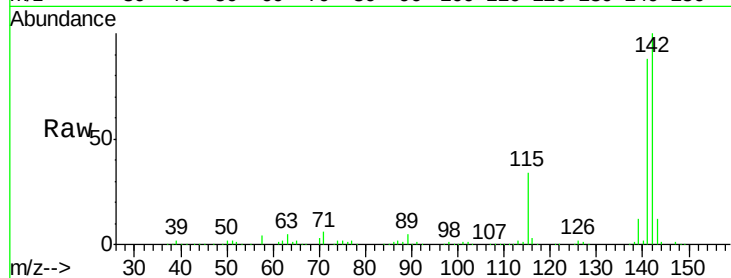




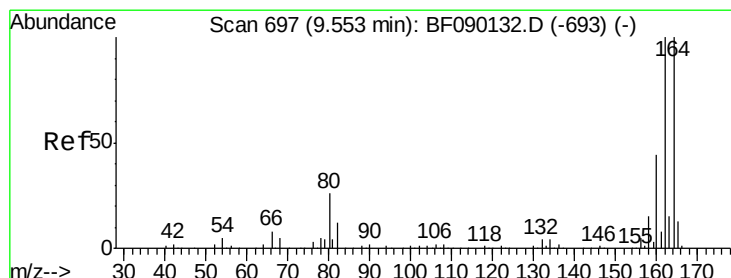
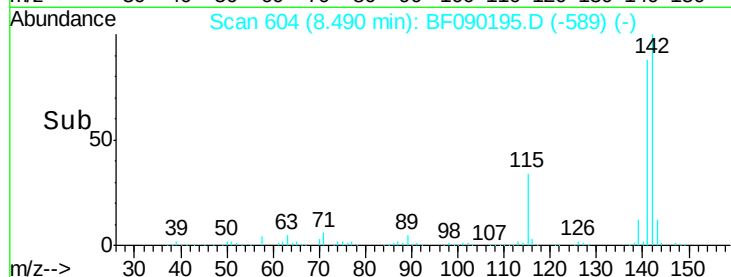
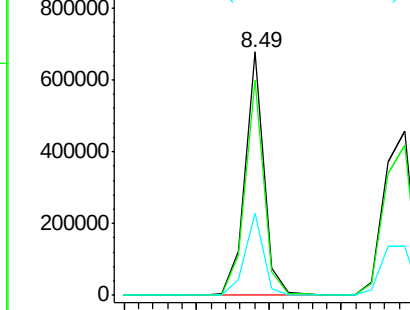
#37
2-Methylnaphthalene
Concen: 39.87 ng
RT: 8.49 min Scan# 604
Delta R.T. -0.03 min
Lab File: BF090195.D
Acq: 23 Sep 2016 13:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 609473
Ion Ratio Lower Upper
142 100
141 88.5 71.4 107.2
115 33.6 28.3 42.5

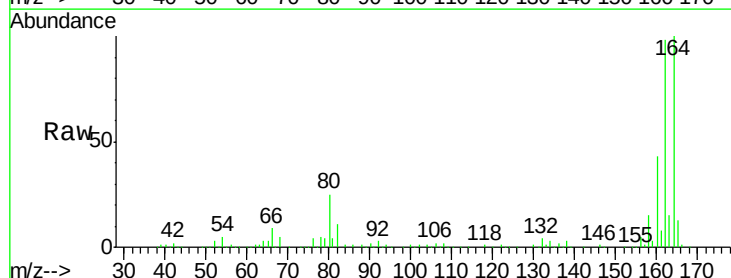


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

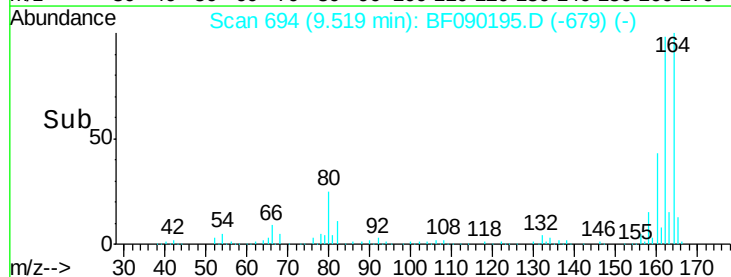
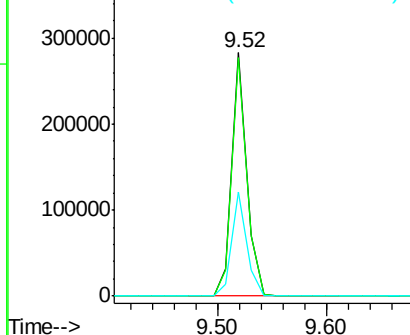


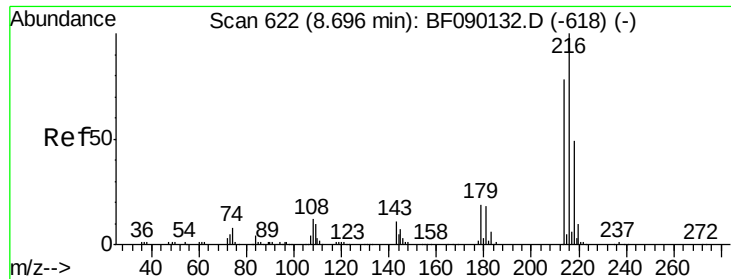
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.52 min Scan# 694
Delta R.T. -0.03 min
Lab File: BF090195.D
Acq: 23 Sep 2016 13:35

Tgt Ion:164 Resp: 267539
Ion Ratio Lower Upper
164 100
162 98.0 81.4 122.2
160 42.8 36.6 54.8



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

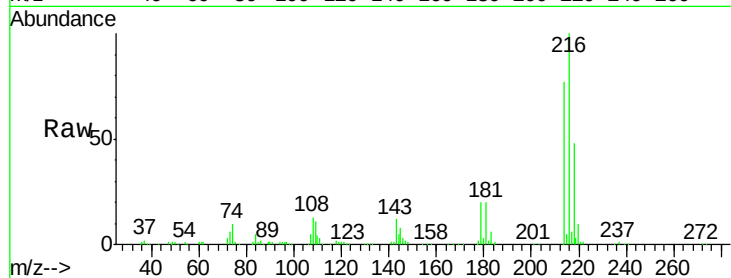




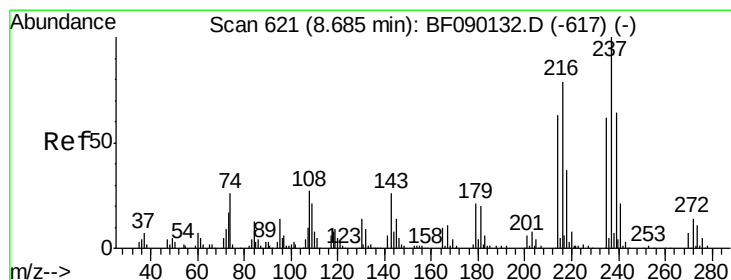
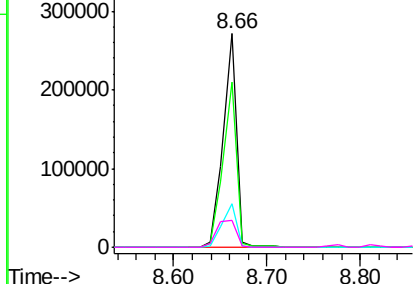
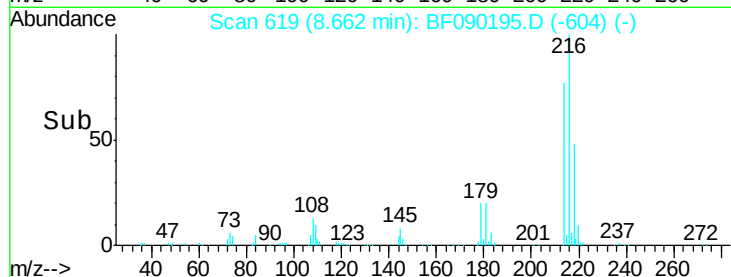
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.95 ng
 RT: 8.66 min Scan# 619
 Delta R.T. -0.03 min
 Lab File: BF090195.D
 Acq: 23 Sep 2016 13:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	269903
Ion Ratio	Lower	Upper
216	100	
214	78.2	63.7 95.5
179	21.8	18.5 27.7
108	18.9	19.5 29.3#

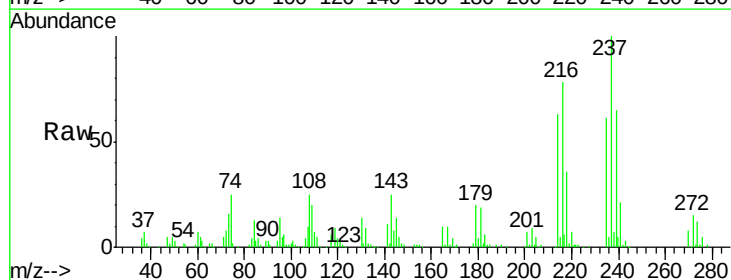


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

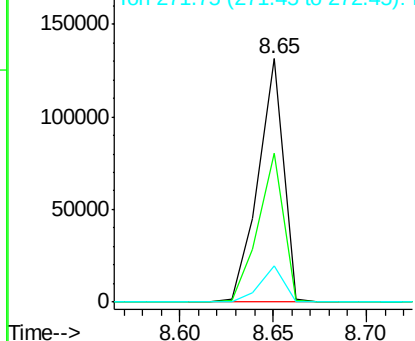
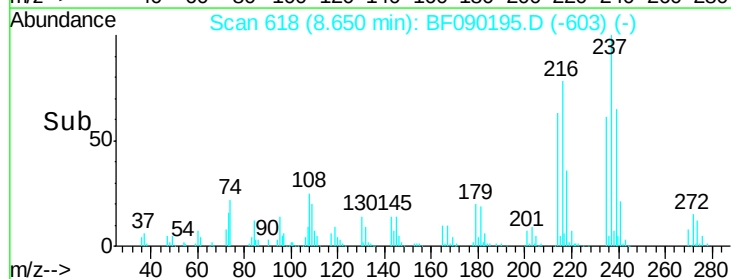


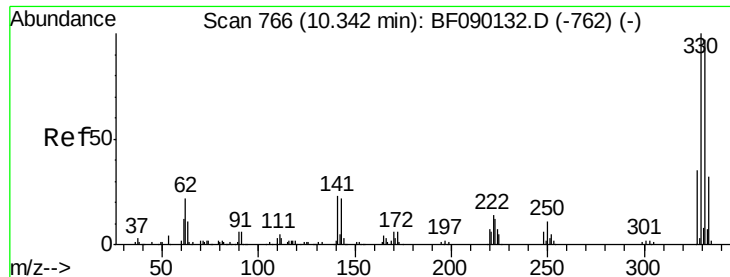
#40
 Hexachlorocyclopentadiene
 Concen: 40.74 ng
 RT: 8.65 min Scan# 618
 Delta R.T. -0.03 min
 Lab File: BF090195.D
 Acq: 23 Sep 2016 13:35

Tgt Ion:237	Resp:	123441
Ion Ratio	Lower	Upper
237	100	
235	61.3	42.5 82.5
272	14.7	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

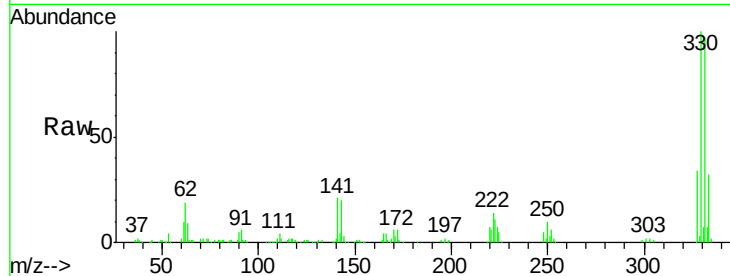




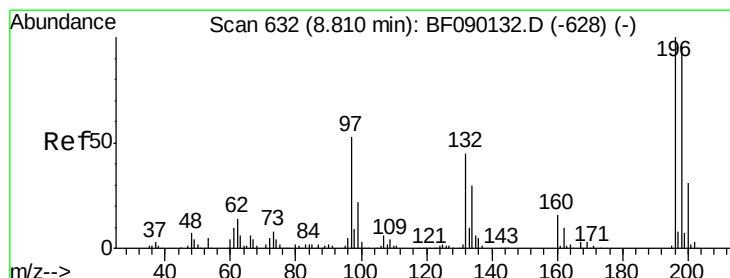
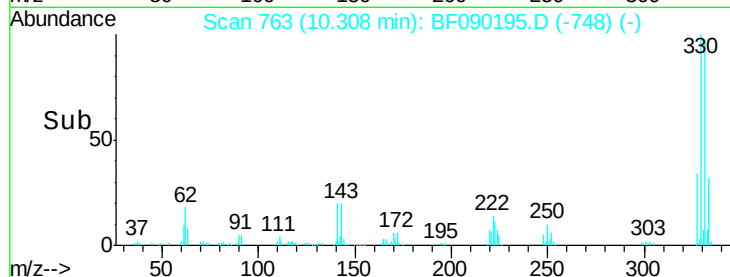
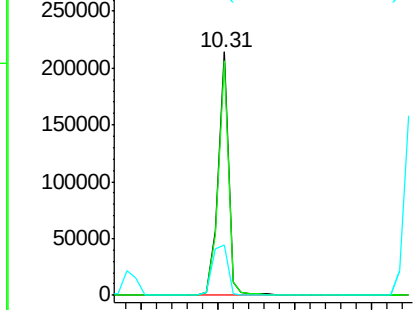
#41
 2,4,6-Tribromophenol
 Concen: 88.48 ng
 RT: 10.31 min Scan# 763
 Delta R.T. -0.03 min
 Lab File: BF090195.D
 Acq: 23 Sep 2016 13:35

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 203080
 Ion Ratio Lower Upper
 330 100
 332 96.1 78.1 117.1
 141 30.9 23.9 35.9

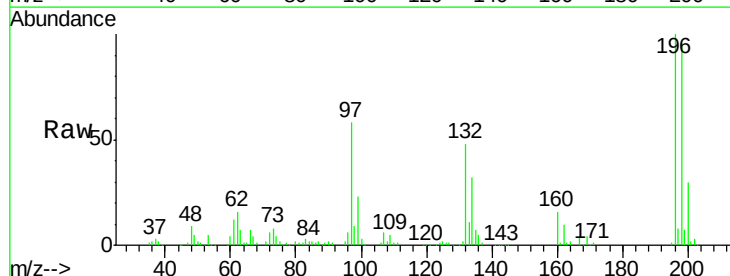


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

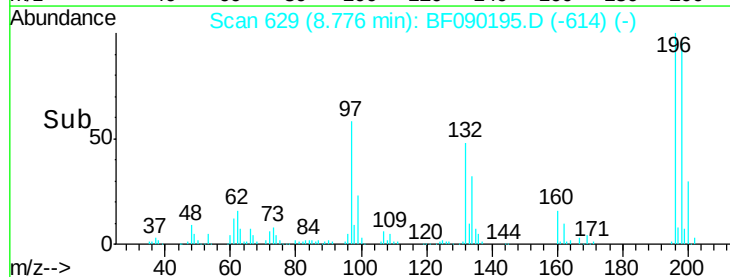
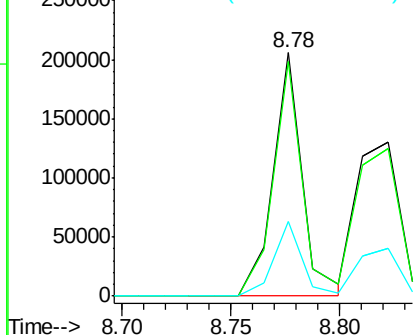


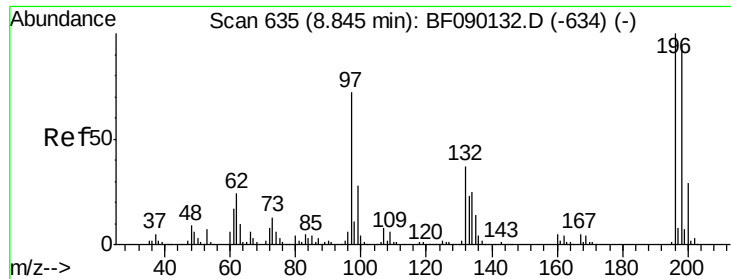
#42
 2,4,6-Trichlorophenol
 Concen: 43.93 ng
 RT: 8.78 min Scan# 629
 Delta R.T. -0.03 min
 Lab File: BF090195.D
 Acq: 23 Sep 2016 13:35

Tgt Ion:196 Resp: 192225
 Ion Ratio Lower Upper
 196 100
 198 96.5 76.3 114.5
 200 30.5 24.1 36.1



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

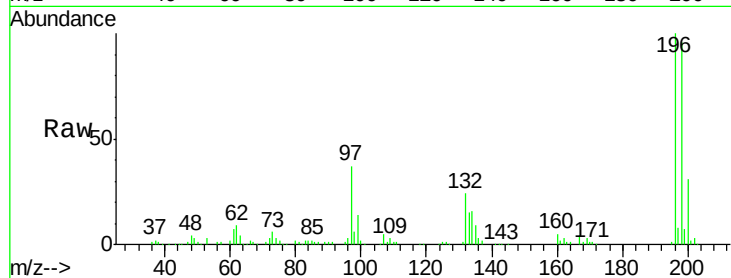




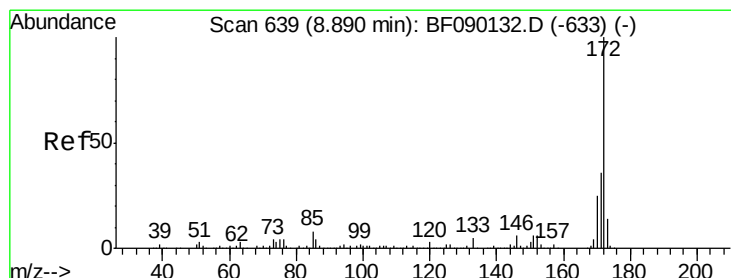
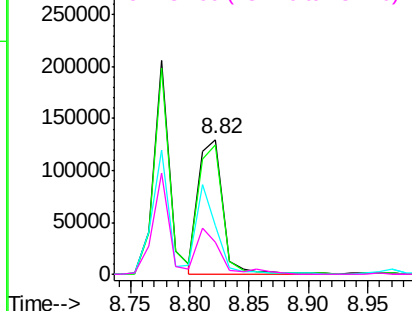
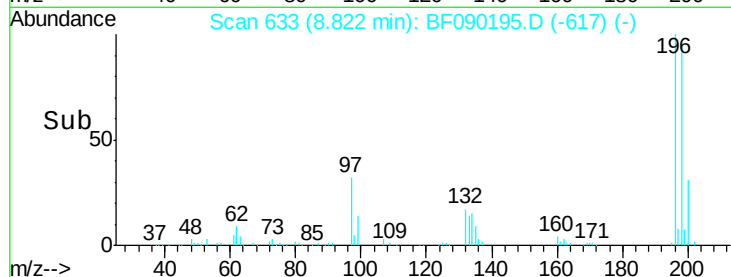
#43
 2,4,5-Trichlorophenol
 Concen: 40.85 ng
 RT: 8.82 min Scan# 633
 Delta R.T. -0.02 min
 Lab File: BF090195.D
 Acq: 23 Sep 2016 13:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196	Resp:	185125
Ion Ratio	Lower	Upper
196	100	
198	96.0	76.6 114.8
97	36.5	34.4 51.6
132	24.2	22.2 33.2

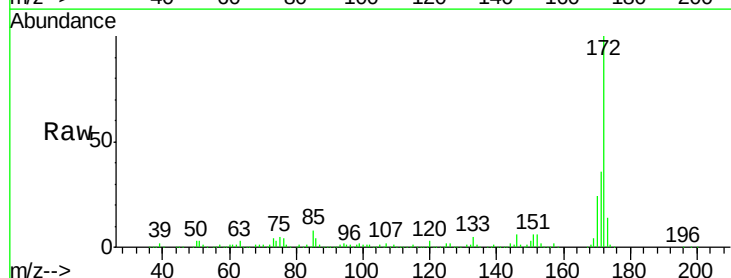


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

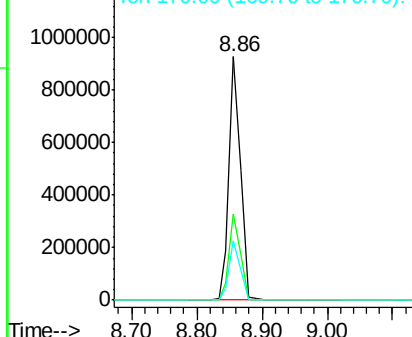
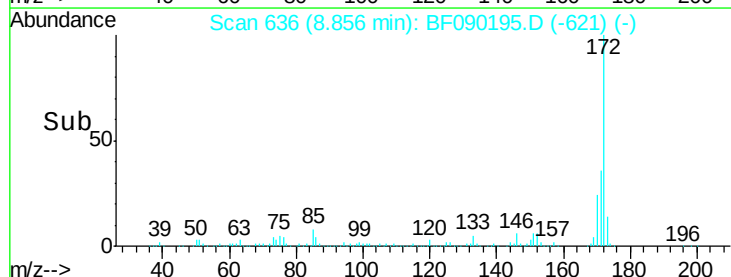


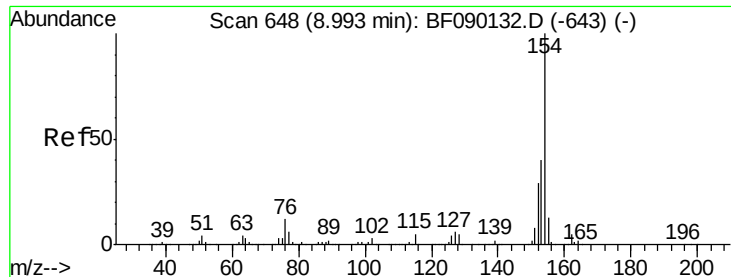
#44
 2-Fluorobiphenyl
 Concen: 82.67 ng
 RT: 8.86 min Scan# 636
 Delta R.T. -0.03 min
 Lab File: BF090195.D
 Acq: 23 Sep 2016 13:35

Tgt Ion:172	Resp:	1126608
Ion Ratio	Lower	Upper
172	100	
171	35.6	29.2 43.8
170	24.2	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

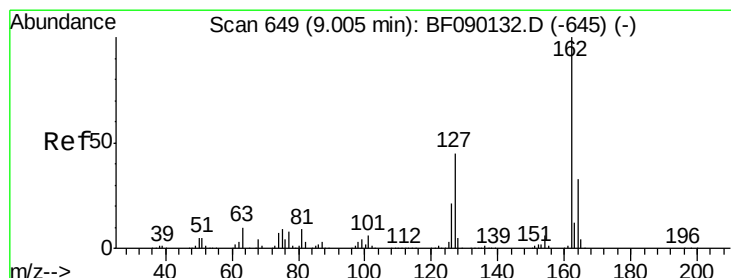
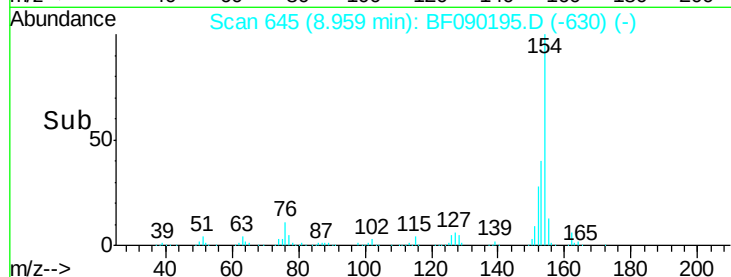
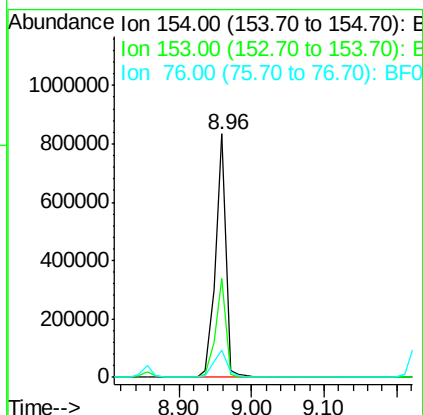
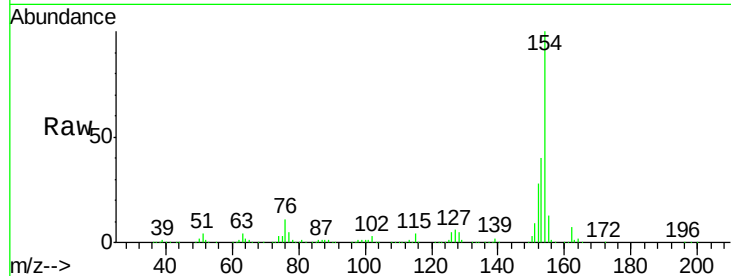




#45
 1,1'-Biphenyl
 Concen: 43.26 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.03 min
 Lab File: BF090195.D
 Acq: 23 Sep 2016 13:35

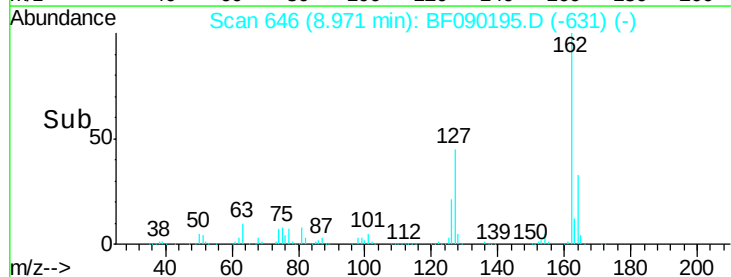
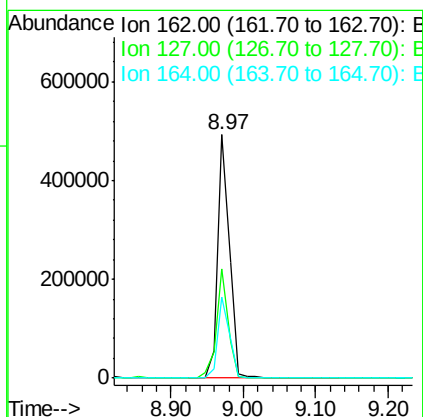
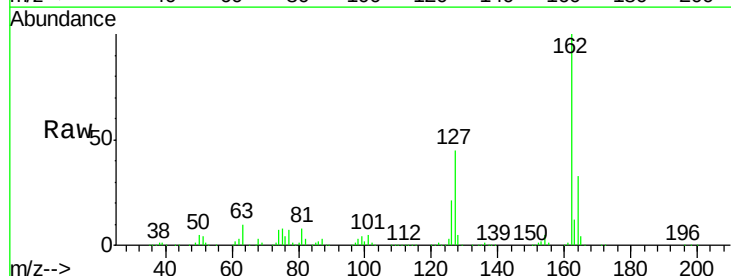
Instrument :
 BNA_F
 ClientSampleId :

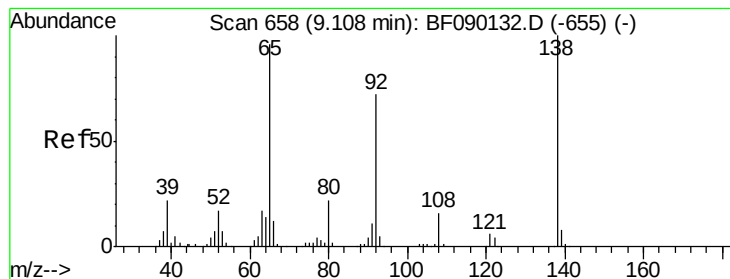
Tot Ion:154 Resp: 828040
 Ion Ratio Lower Upper
 154 100
 153 40.5 20.6 60.6
 76 11.1 0.0 36.7



#46
 2-Chloronaphthalene
 Concen: 39.17 ng
 RT: 8.97 min Scan# 646
 Delta R.T. -0.03 min
 Lab File: BF090195.D
 Acq: 23 Sep 2016 13:35

Tgt Ion:162 Resp: 553090
 Ion Ratio Lower Upper
 162 100
 127 45.1 34.0 51.0
 164 33.4 26.8 40.2





#47

2-Nitroaniline

Concen: 38.20 ng

RT: 9.07 min Scan# 655

Delta R.T. -0.03 min

Lab File: BF090195.D

Acq: 23 Sep 2016 13:35

Instrument :

BNA_F

ClientSampleId :

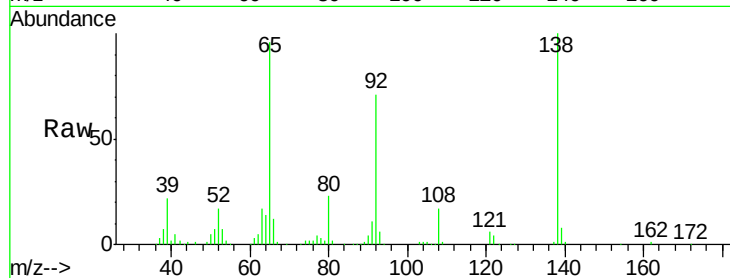
Tot Ion: 65 Resp: 162629

Ion Ratio Lower Upper

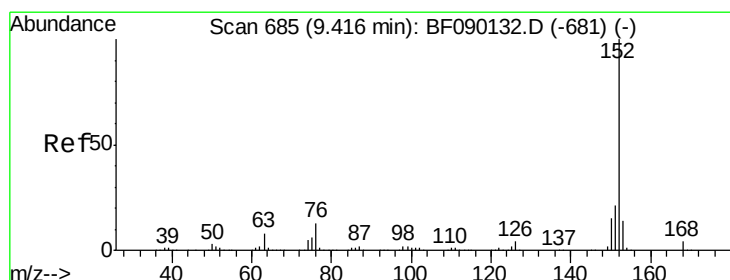
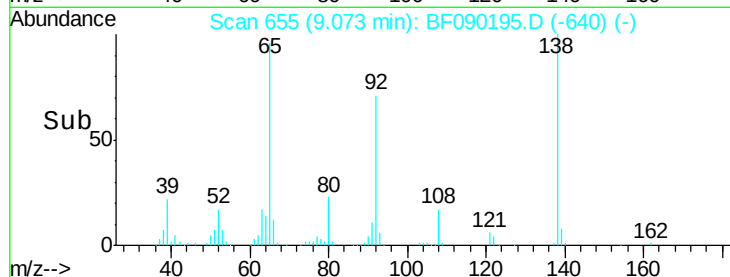
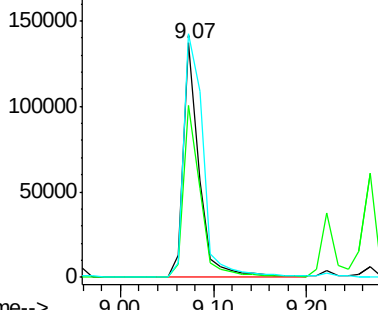
65 100

92 73.7 66.1 99.1

138 103.9 104.1 156.1#



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: 40.06 ng

RT: 9.38 min Scan# 682

Delta R.T. -0.03 min

Lab File: BF090195.D

Acq: 23 Sep 2016 13:35

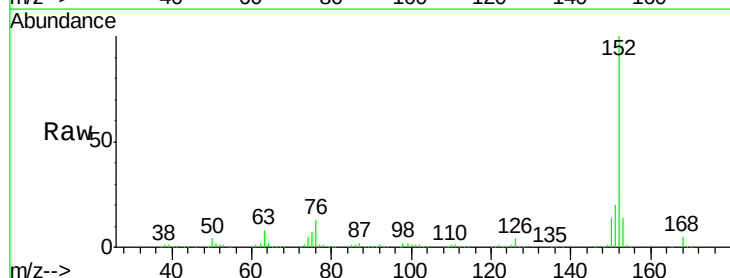
Tgt Ion:152 Resp: 918607

Ion Ratio Lower Upper

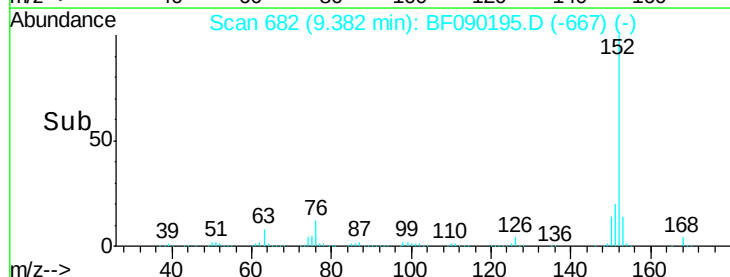
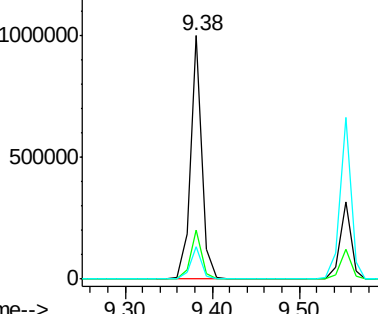
152 100

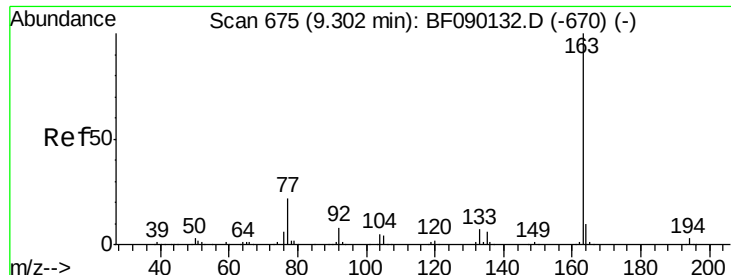
151 20.2 16.5 24.7

153 13.5 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: 37.34 ng

RT: 9.27 min Scan# 672

Delta R.T. -0.03 min

Lab File: BF090195.D

Acq: 23 Sep 2016 13:35

Instrument :

BNA_F

ClientSampleId :

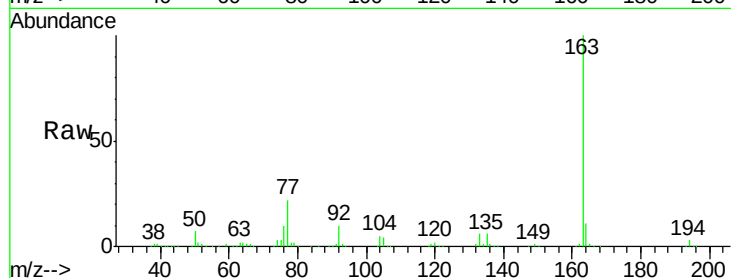
Tot Ion:163 Resp: 636214

Ion Ratio Lower Upper

163 100

194 3.1 2.8 4.2

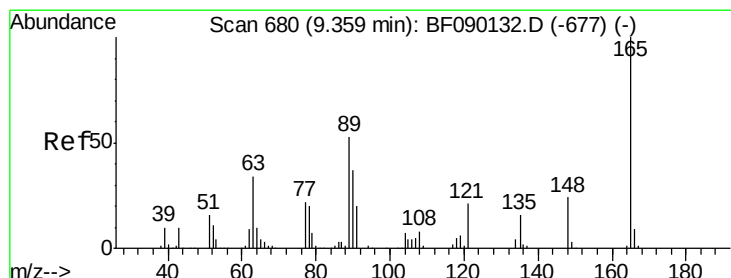
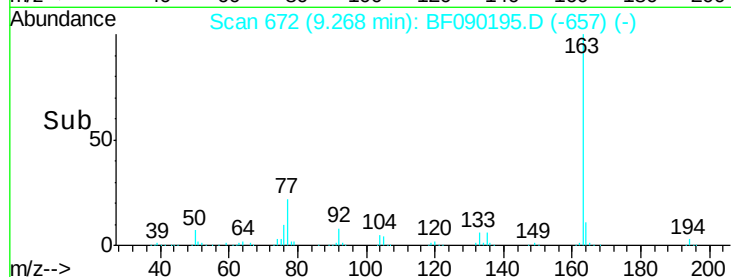
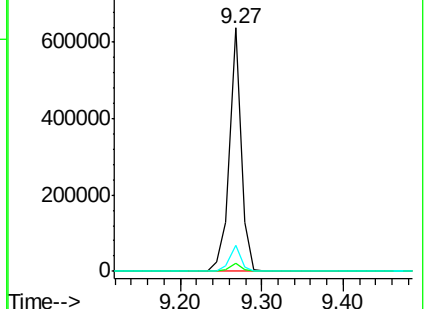
164 10.5 8.1 12.1



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: 40.60 ng

RT: 9.32 min Scan# 677

Delta R.T. -0.03 min

Lab File: BF090195.D

Acq: 23 Sep 2016 13:35

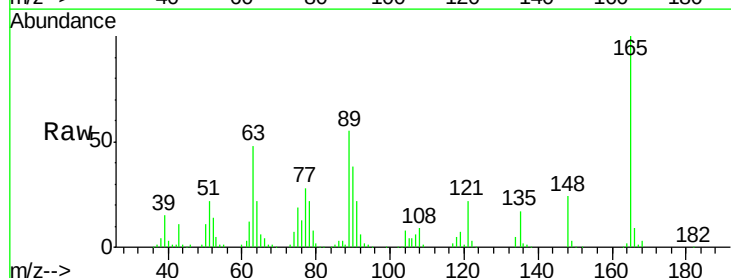
Tgt Ion:165 Resp: 154188

Ion Ratio Lower Upper

165 100

63 47.7 49.9 74.9#

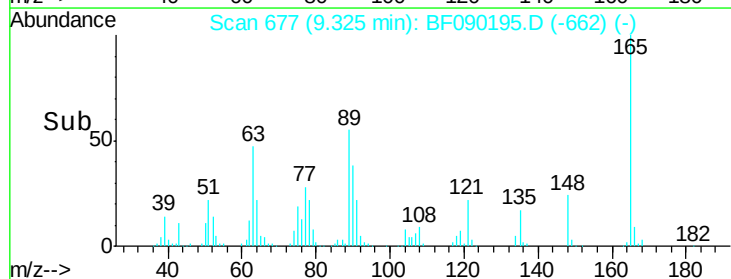
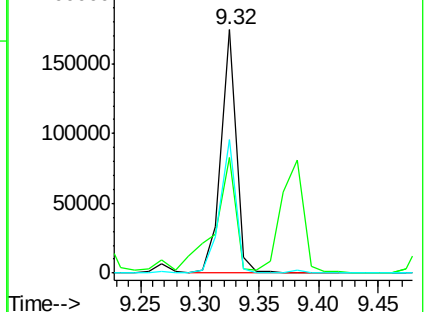
89 55.0 51.0 76.4

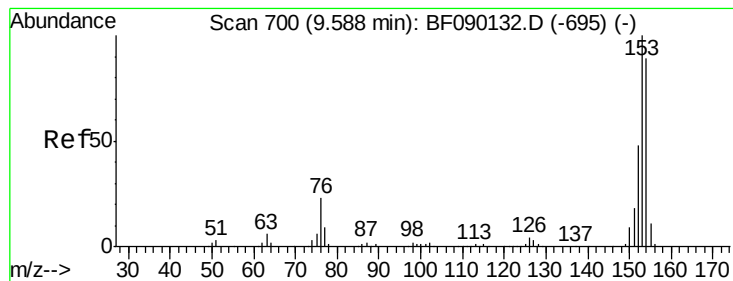


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.74 ng

RT: 9.55 min Scan# 697

Delta R.T. -0.03 min

Lab File: BF090195.D

Acq: 23 Sep 2016 13:35

Instrument :

BNA_F

ClientSampleId :

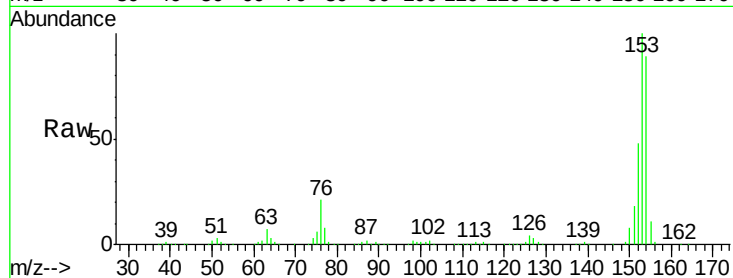
Tot Ion:154 Resp: 527314

Ion Ratio Lower Upper

154 100

153 112.9 90.8 136.2

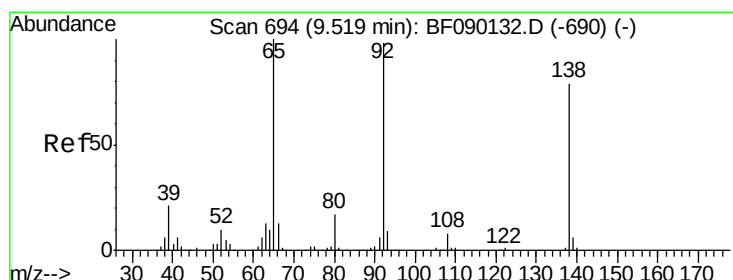
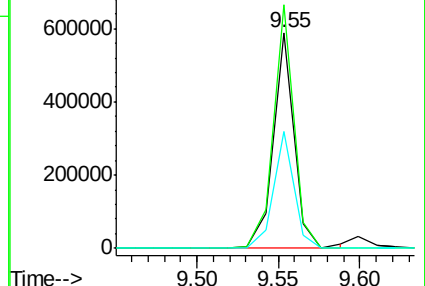
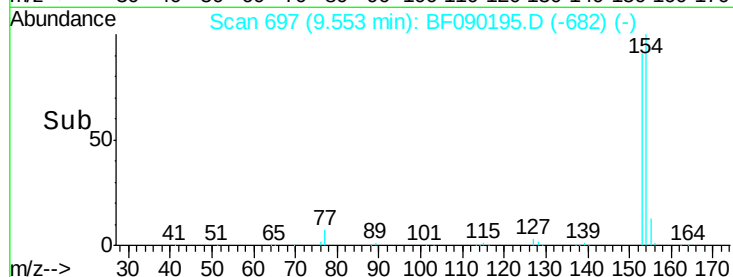
152 54.0 44.2 66.4



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: 37.82 ng

RT: 9.48 min Scan# 691

Delta R.T. -0.03 min

Lab File: BF090195.D

Acq: 23 Sep 2016 13:35

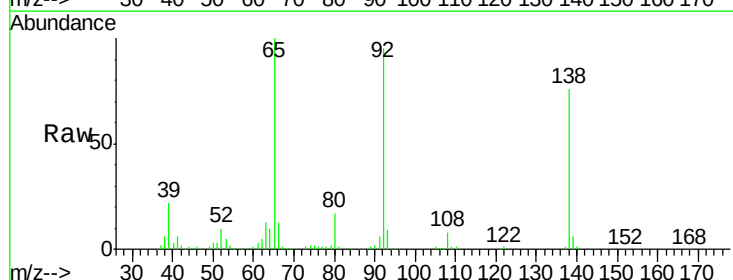
Tgt Ion:138 Resp: 168395

Ion Ratio Lower Upper

138 100

108 10.6 7.8 11.6

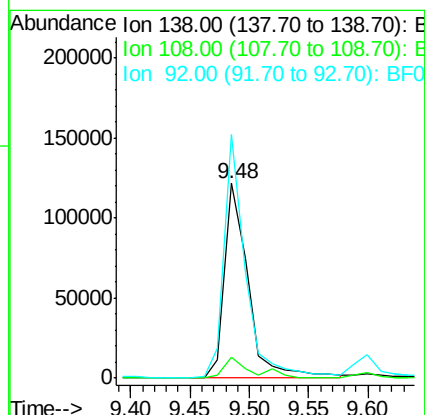
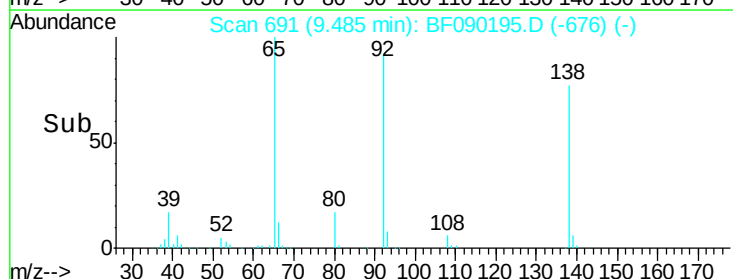
92 124.9 90.7 136.1

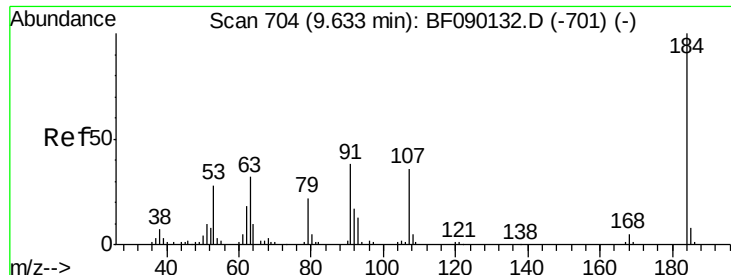


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

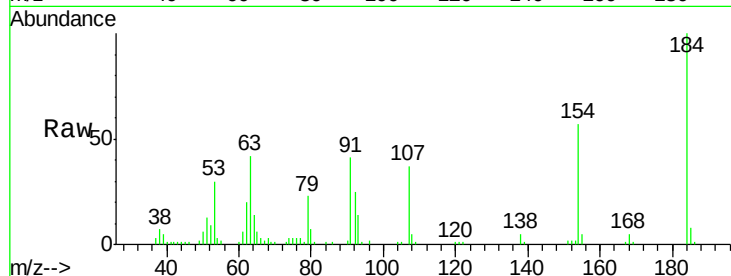




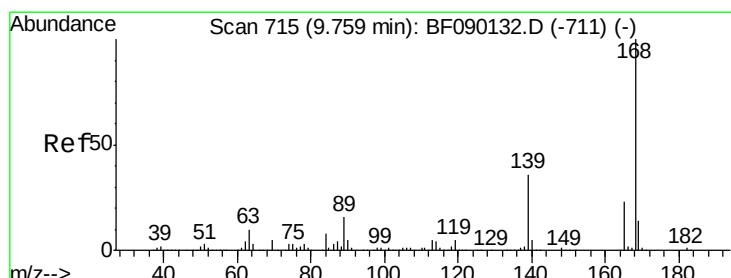
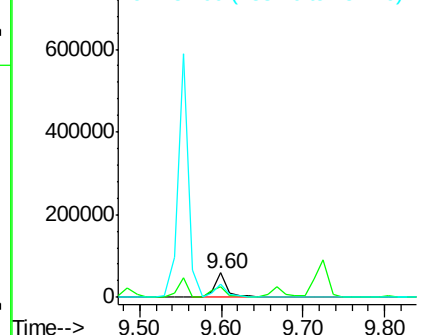
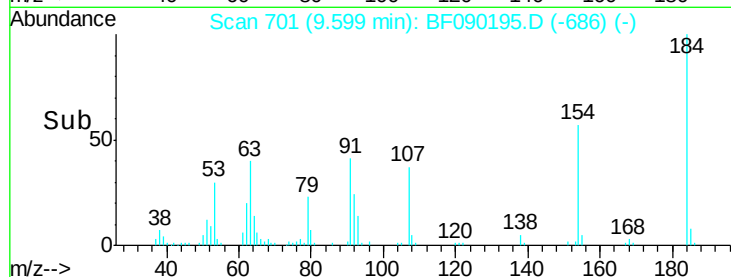
#53
 2,4-Dinitrophenol
 Concen: 34.28 ng
 RT: 9.60 min Scan# 701
 Delta R.T. -0.03 min
 Lab File: BF090195.D
 Acq: 23 Sep 2016 13:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 68854
 Ion Ratio Lower Upper
 184 100
 63 41.7 44.6 67.0#
 154 56.8 49.7 74.5

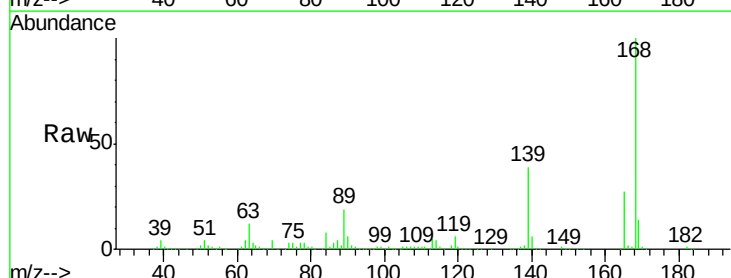


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

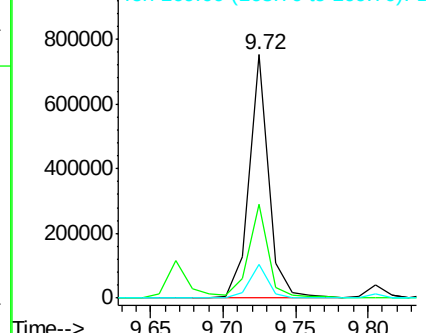
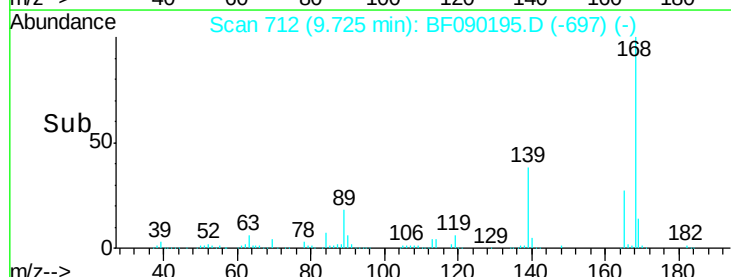


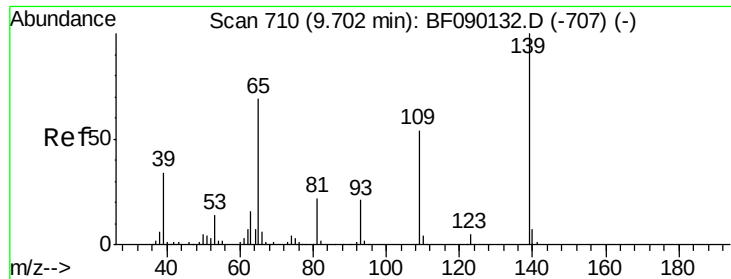
#54
 Dibenzofuran
 Concen: 39.20 ng
 RT: 9.72 min Scan# 712
 Delta R.T. -0.03 min
 Lab File: BF090195.D
 Acq: 23 Sep 2016 13:35

Tgt Ion:168 Resp: 702155
 Ion Ratio Lower Upper
 168 100
 139 38.7 28.8 43.2
 169 13.7 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

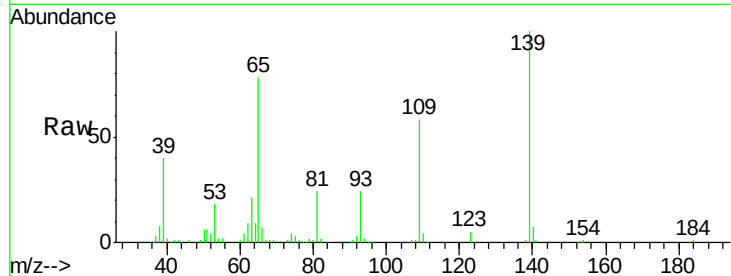




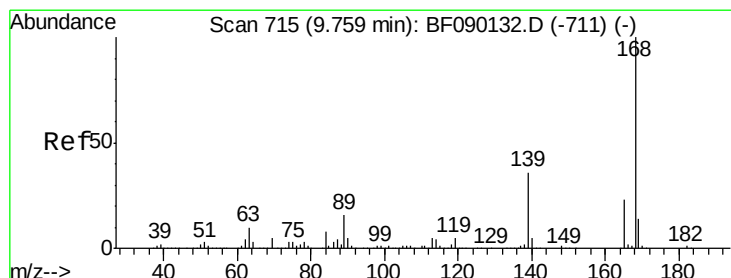
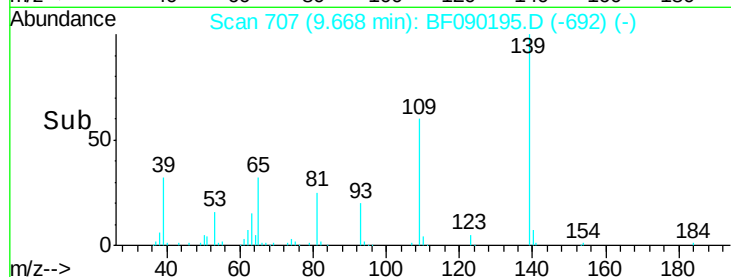
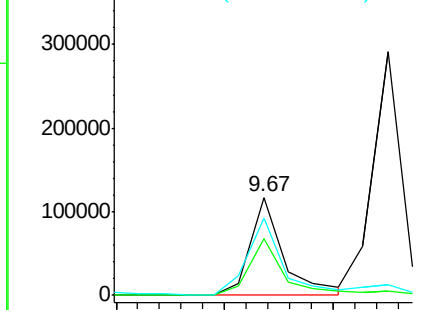
#55
4-Nitrophenol
Concen: 41.30 ng
RT: 9.67 min Scan# 707
Delta R.T. -0.03 min
Lab File: BF090195.D
Acq: 23 Sep 2016 13:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
139	100		
109	58.1	35.6	75.6
65	78.0	55.5	95.5

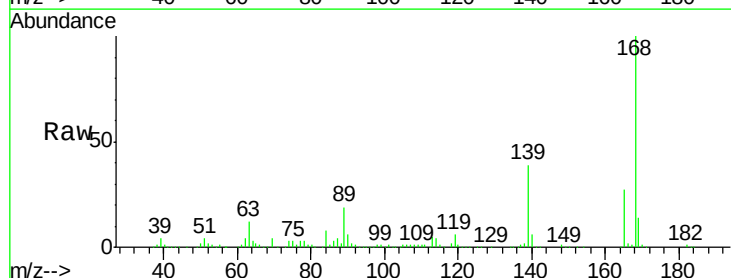


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

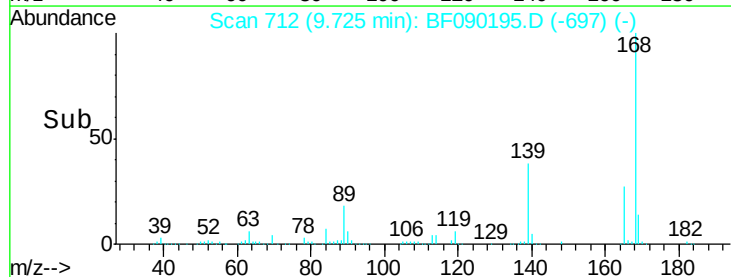
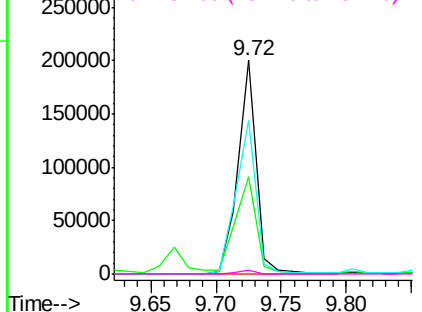


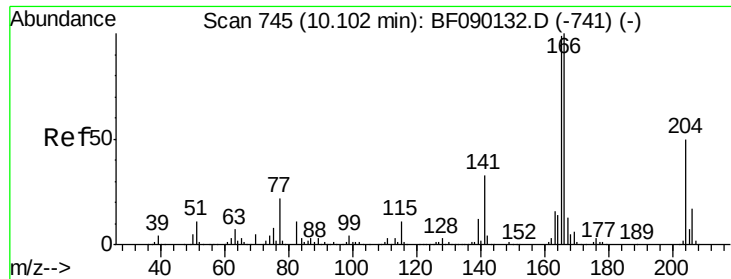
#56
2,4-Dinitrotoluene
Concen: 43.68 ng
RT: 9.72 min Scan# 712
Delta R.T. -0.03 min
Lab File: BF090195.D
Acq: 23 Sep 2016 13:35

Tgt Ion	Ratio	Lower	Upper
165	100		
63	45.4	44.4	66.6
89	72.0	70.1	105.1
182	2.1	1.7	2.5



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

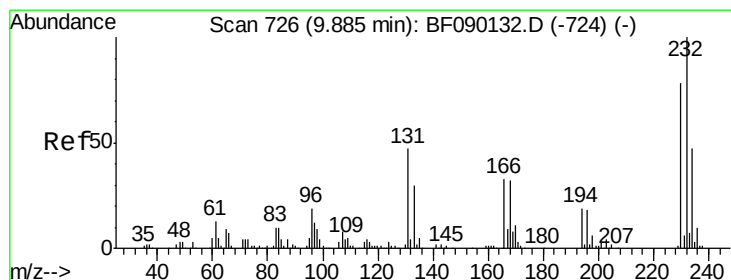
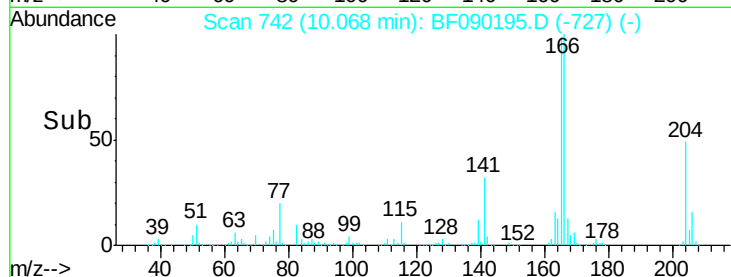
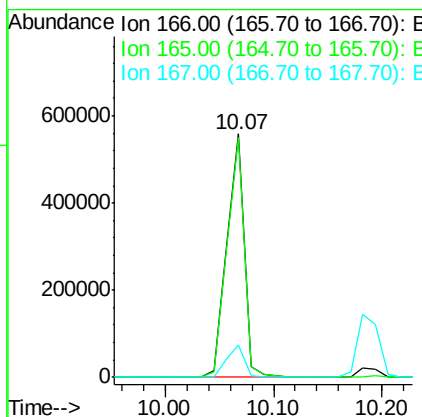
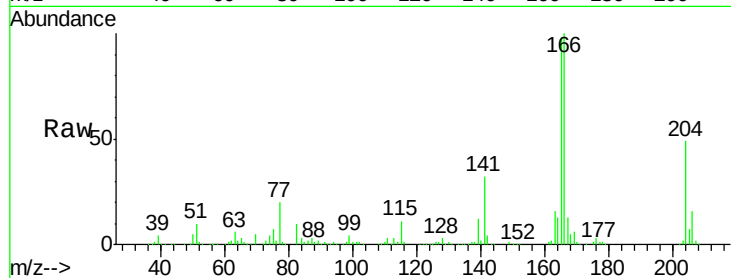




#57
 Fluorene
 Concen: 45.59 ng
 RT: 10.07 min Scan# 742
 Delta R.T. -0.03 min
 Lab File: BF090195.D
 Acq: 23 Sep 2016 13:35

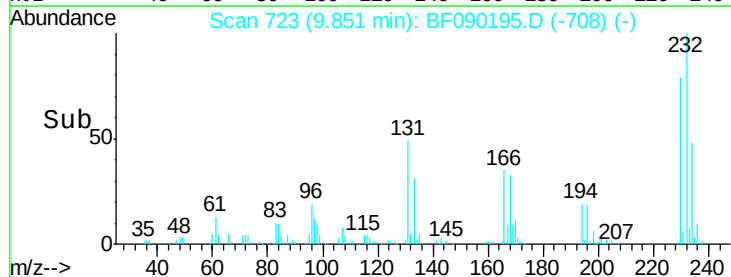
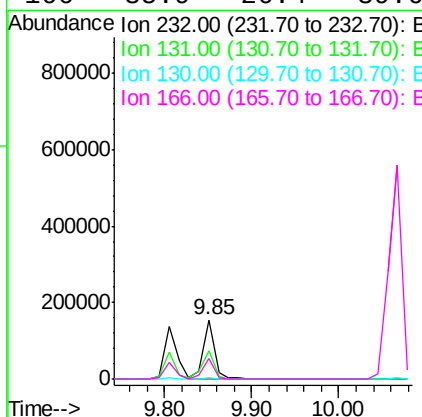
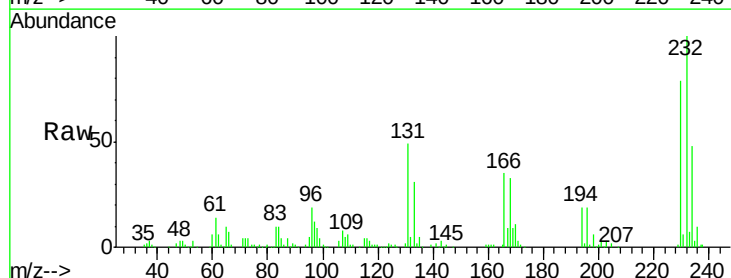
Instrument :
 BNA_F
 ClientSampleId :

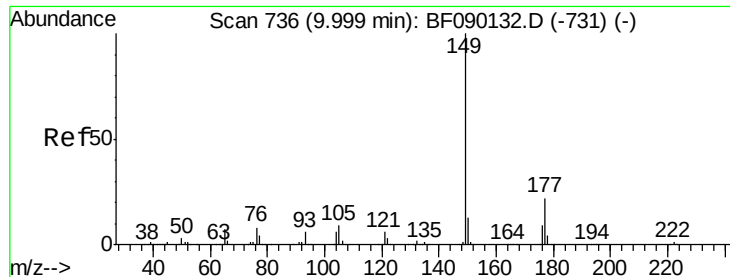
Tot Ion:166 Resp: 615482
 Ion Ratio Lower Upper
 166 100
 165 98.4 78.5 117.7
 167 13.3 11.2 16.8



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.25 ng
 RT: 9.85 min Scan# 723
 Delta R.T. -0.03 min
 Lab File: BF090195.D
 Acq: 23 Sep 2016 13:35

Tgt Ion:232 Resp: 139937
 Ion Ratio Lower Upper
 232 100
 131 50.4 42.2 63.4
 130 2.2 1.9 2.9
 166 35.9 26.4 39.6





#59

Diethylphthalate

Concen: 40.42 ng

RT: 9.96 min Scan# 733

Delta R.T. -0.03 min

Lab File: BF090195.D

Acq: 23 Sep 2016 13:35

Instrument :

BNA_F

ClientSampled :

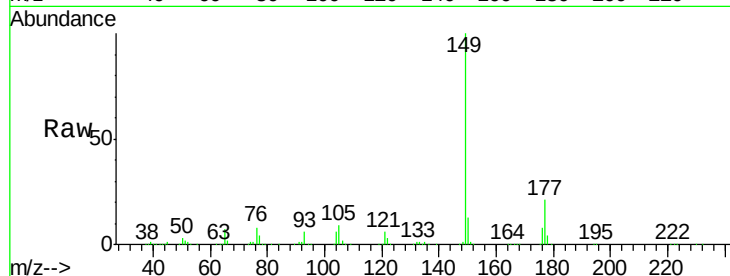
Tot Ion:149 Resp: 665218

Ion Ratio Lower Upper

149 100

177 21.4 15.8 23.6

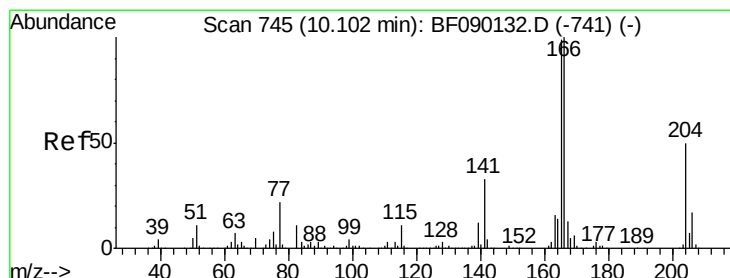
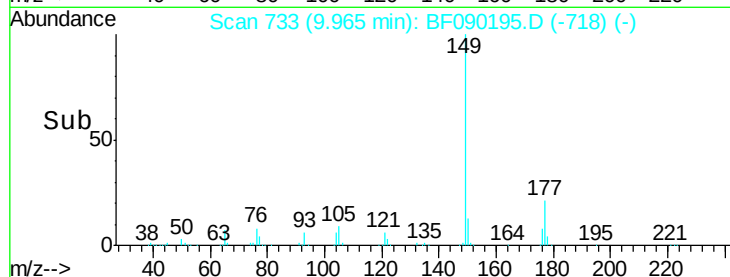
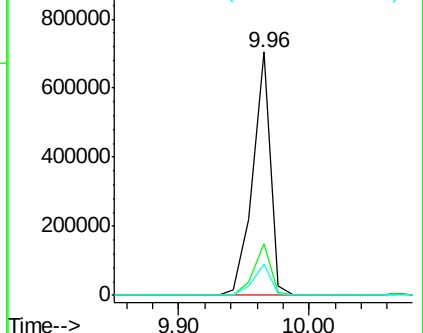
150 12.6 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 40.70 ng

RT: 10.07 min Scan# 742

Delta R.T. -0.03 min

Lab File: BF090195.D

Acq: 23 Sep 2016 13:35

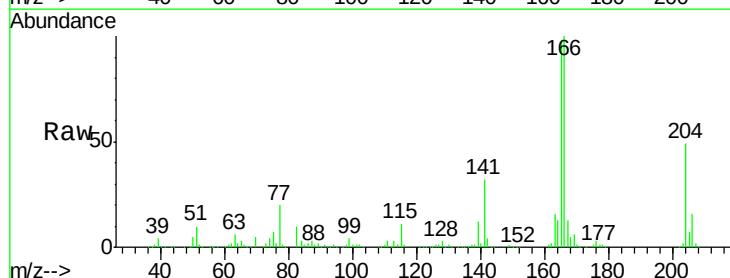
Tgt Ion:204 Resp: 250578

Ion Ratio Lower Upper

204 100

206 32.5 25.6 38.4

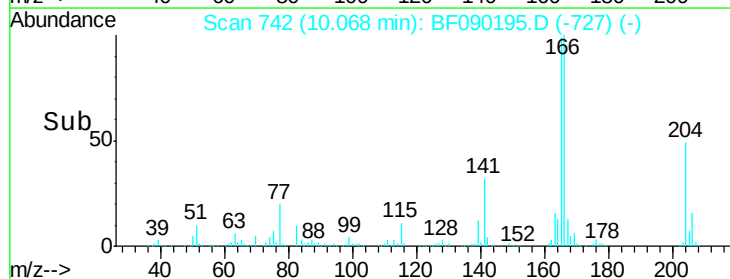
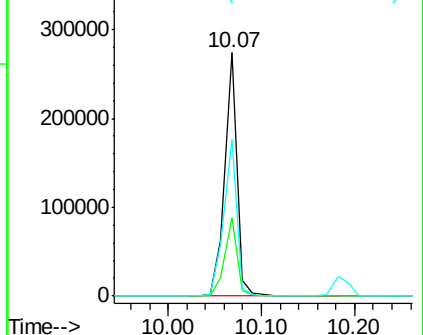
141 64.3 64.4 96.6#

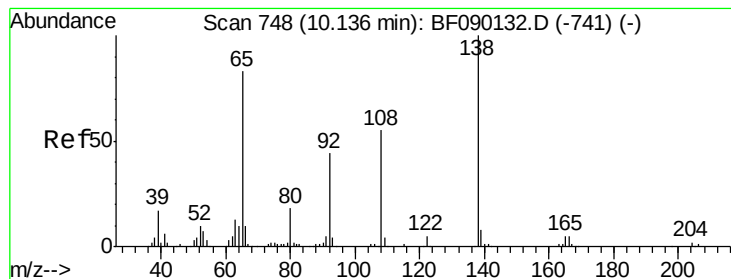


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 40.38 ng

RT: 10.10 min Scan# 745

Delta R.T. -0.03 min

Lab File: BF090195.D

Acq: 23 Sep 2016 13:35

Instrument :

BNA_F

ClientSampleID :

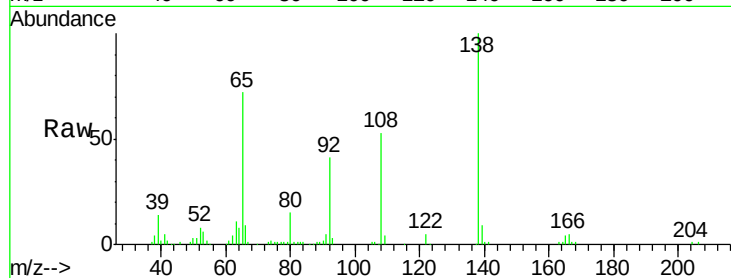
Tot Ion:138 Resp: 183264

Ion Ratio Lower Upper

138 100

92 41.2 23.8 63.8

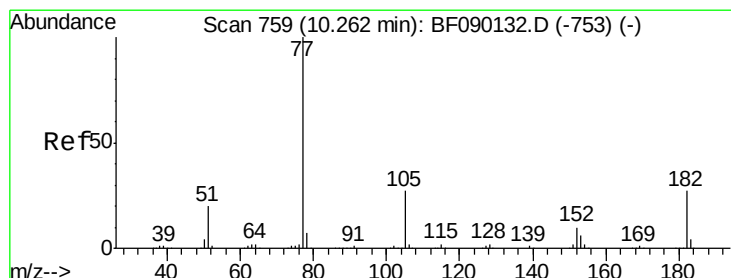
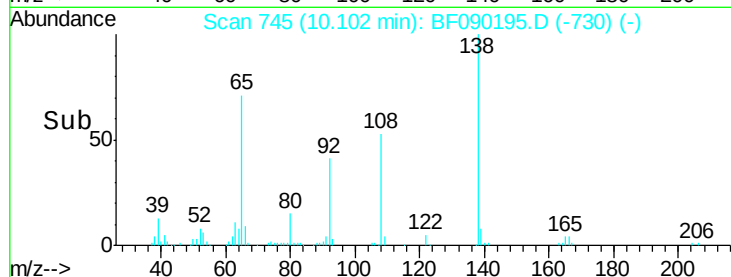
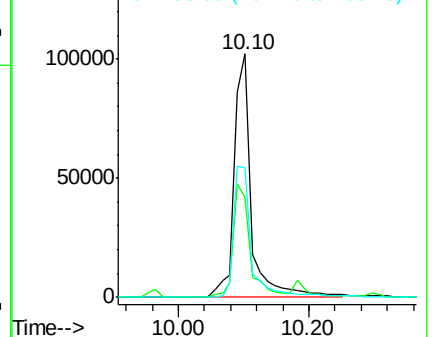
108 53.0 35.0 75.0



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 38.83 ng

RT: 10.23 min Scan# 756

Delta R.T. -0.03 min

Lab File: BF090195.D

Acq: 23 Sep 2016 13:35

Tgt Ion: 77 Resp: 665115

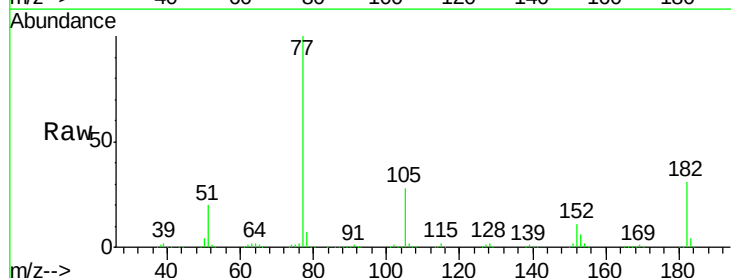
Ion Ratio Lower Upper

77 100

182 30.9 0.0 38.4

105 27.6 3.8 43.8

51 19.6 2.6 42.6

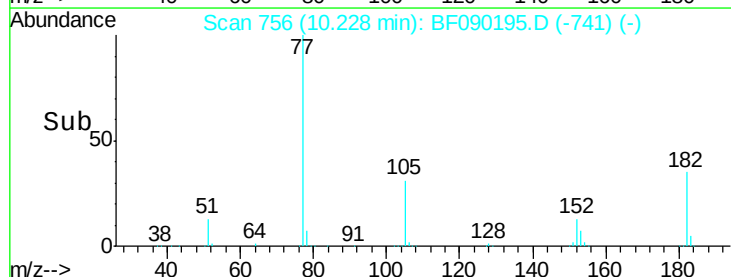
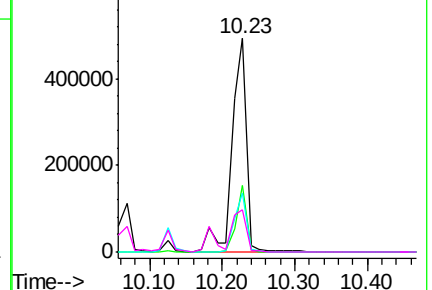


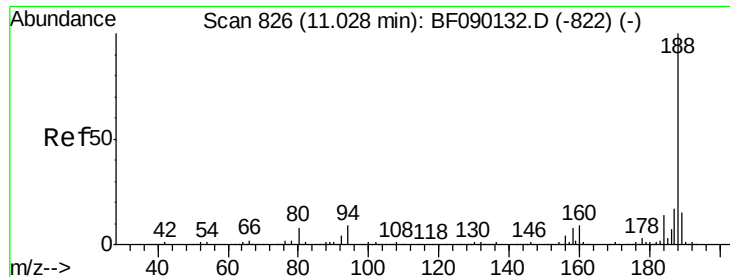
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

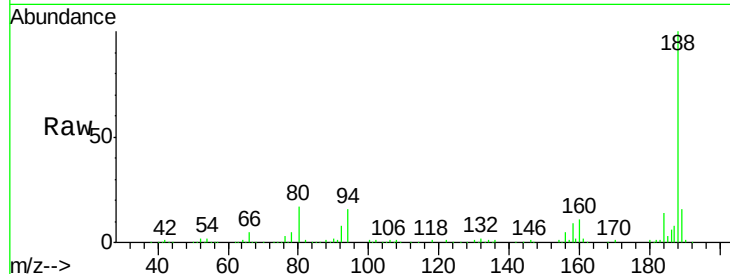




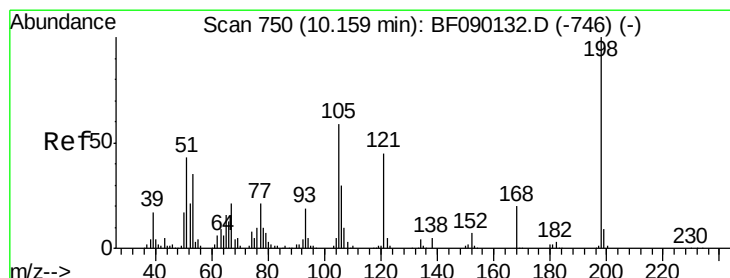
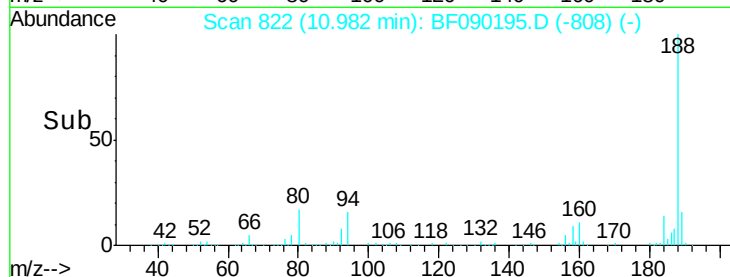
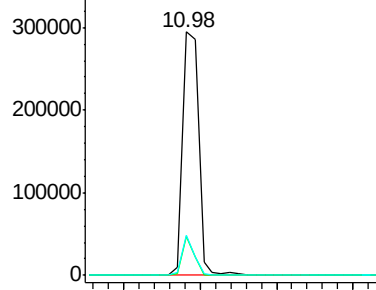
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.98 min Scan# 822
 Delta R.T. -0.05 min
 Lab File: BF090195.D
 Acq: 23 Sep 2016 13:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 427001
 Ion Ratio Lower Upper
 188 100
 94 15.7 10.5 15.7
 80 16.7 11.2 16.8

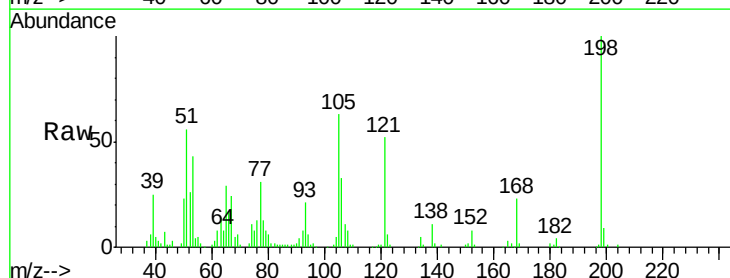


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

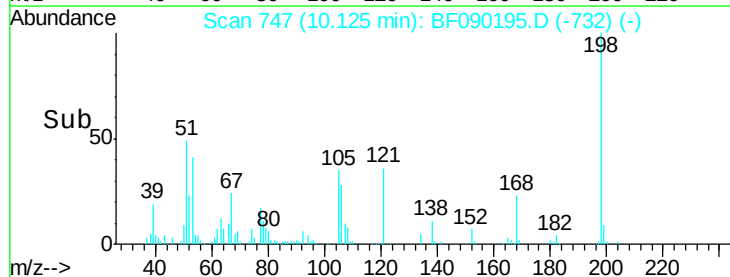
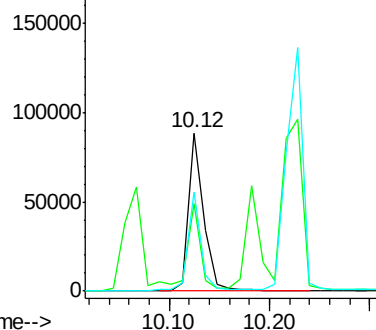


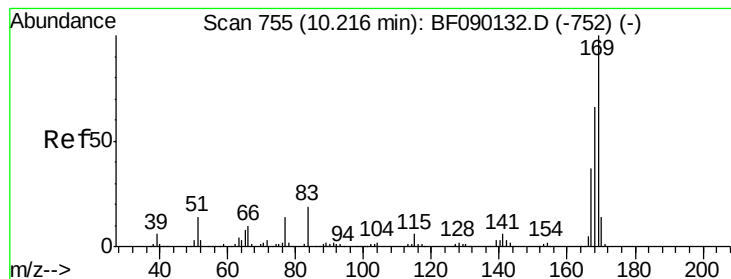
#64
 4,6-Dinitro-2-methylphenol
 Concen: 34.97 ng
 RT: 10.12 min Scan# 747
 Delta R.T. -0.03 min
 Lab File: BF090195.D
 Acq: 23 Sep 2016 13:35

Tgt Ion:198 Resp: 93537
 Ion Ratio Lower Upper
 198 100
 51 55.6 5.5 45.5#
 105 62.7 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: 38.35 ng

RT: 10.18 min Scan# 752

Delta R.T. -0.03 min

Lab File: BF090195.D

Acq: 23 Sep 2016 13:35

Instrument :

BNA_F

ClientSampleId :

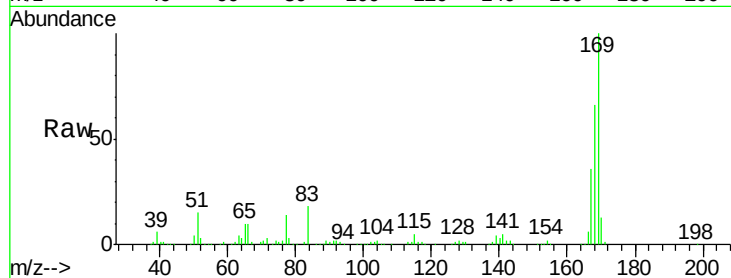
Tot Ion:169 Resp: 538555

Ion Ratio Lower Upper

169 100

168 66.4 54.2 81.4

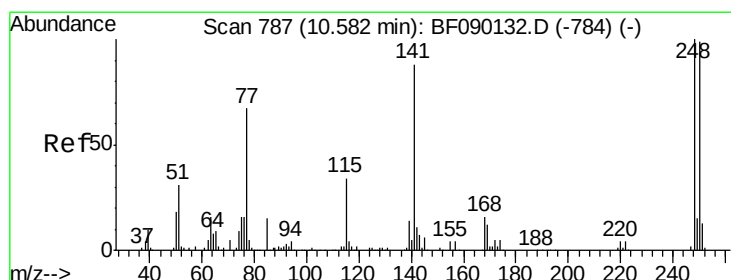
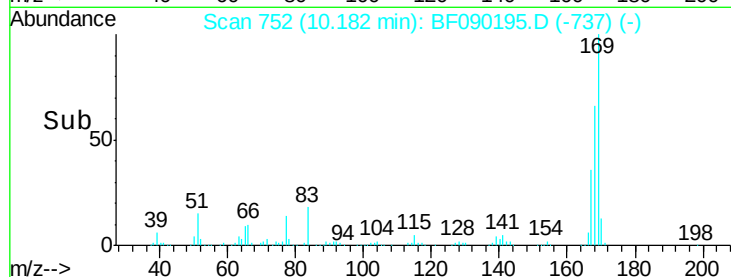
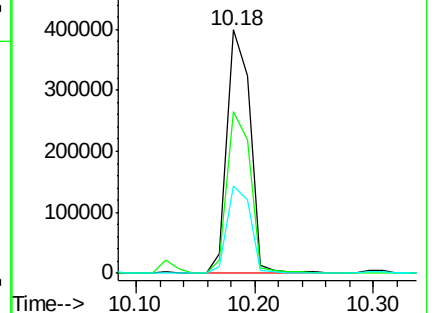
167 36.1 30.3 45.5



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 37.92 ng

RT: 10.55 min Scan# 784

Delta R.T. -0.03 min

Lab File: BF090195.D

Acq: 23 Sep 2016 13:35

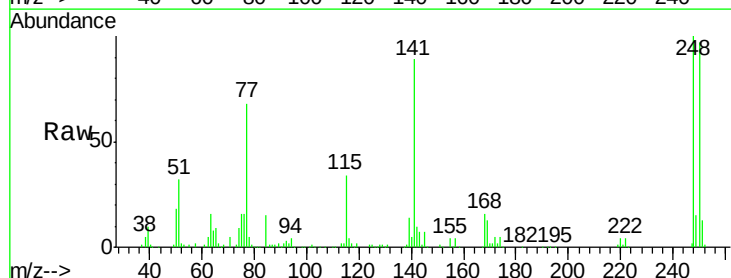
Tgt Ion:248 Resp: 159336

Ion Ratio Lower Upper

248 100

250 97.2 79.4 119.2

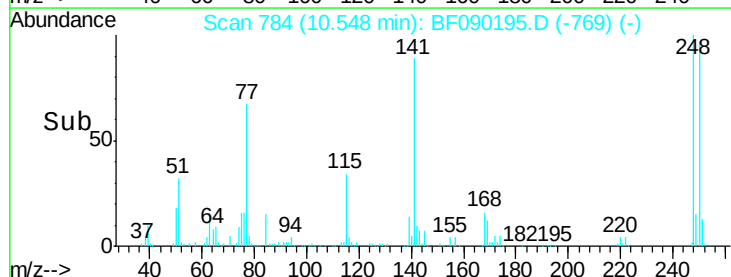
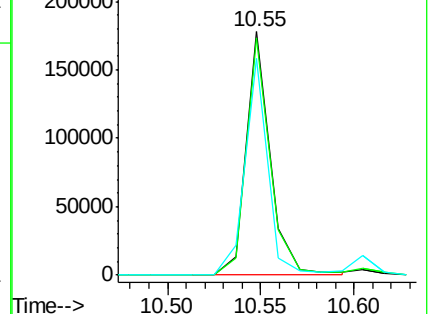
141 88.9 49.3 73.9#

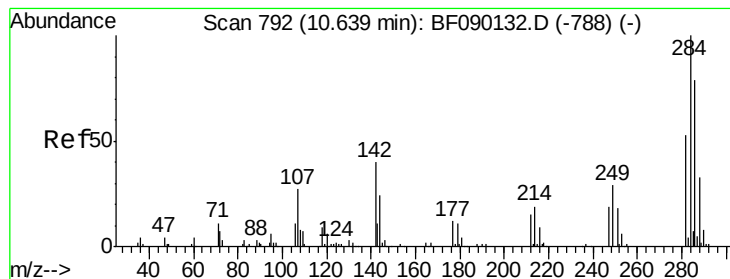


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 38.38 ng

RT: 10.60 min Scan# 789

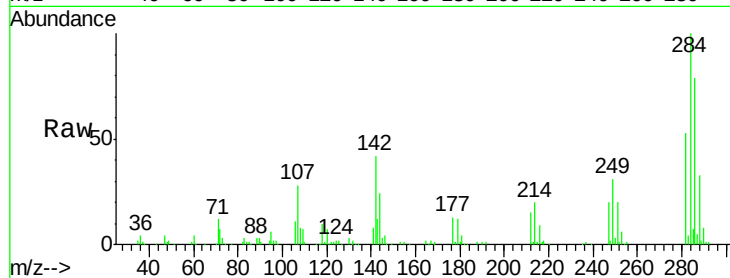
Delta R.T. -0.03 min

Lab File: BF090195.D

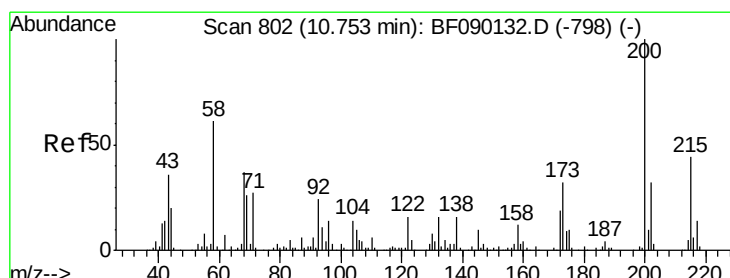
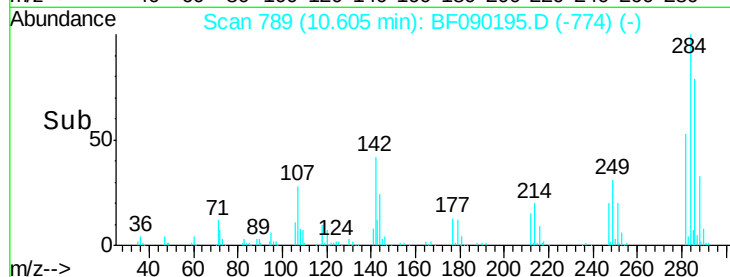
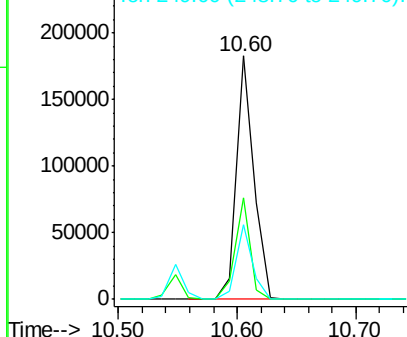
Acq: 23 Sep 2016 13:35

Instrument :
BNA_F
ClientSampled :

Tot Ion:284	Resp:	187939
Ion Ratio	Lower	Upper
284	100	
142	41.7	24.0 36.0#
249	30.9	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: 35.10 ng

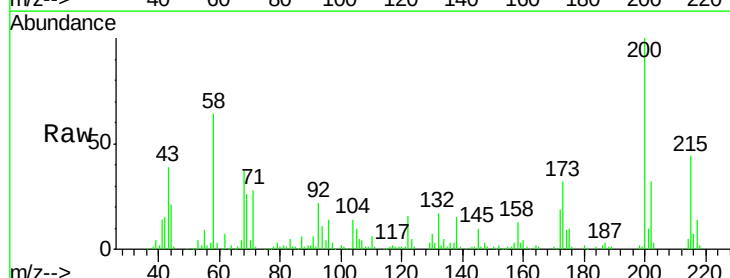
RT: 10.72 min Scan# 799

Delta R.T. -0.03 min

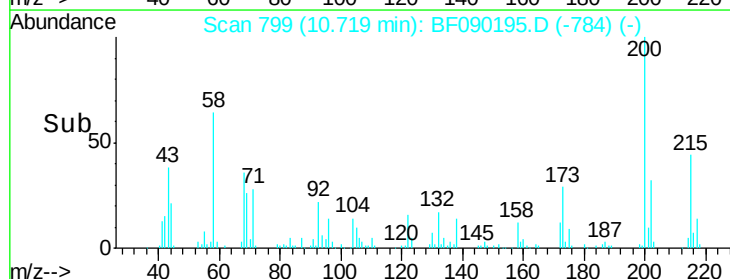
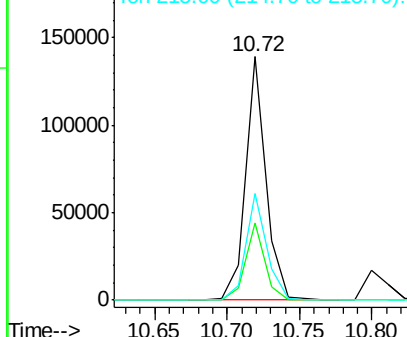
Lab File: BF090195.D

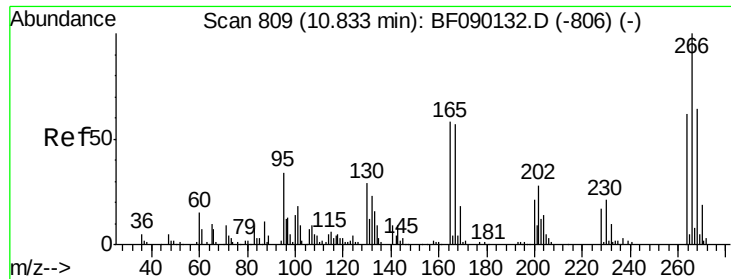
Acq: 23 Sep 2016 13:35

Tgt Ion:200	Resp:	135055
Ion Ratio	Lower	Upper
200	100	
173	31.9	9.3 49.3
215	44.0	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

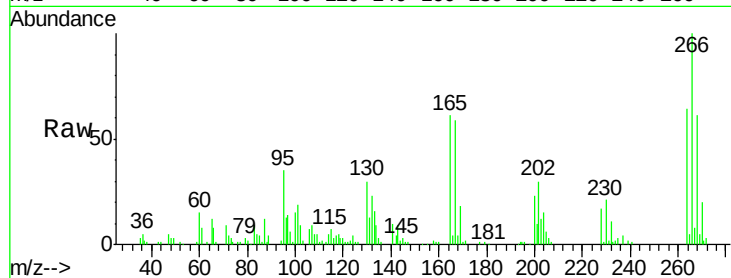




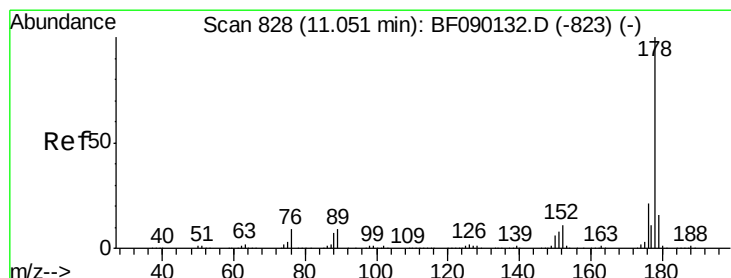
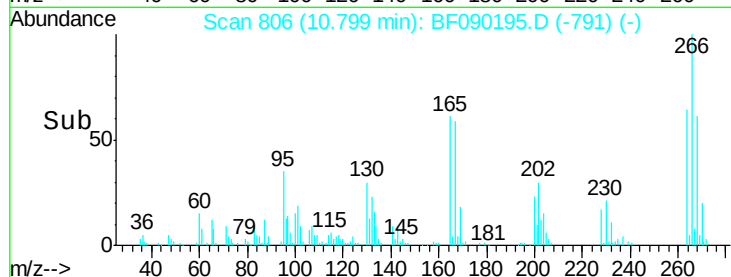
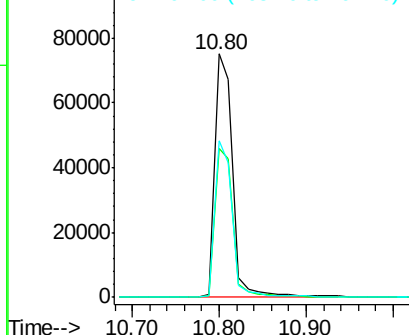
#69
 Pentachlorophenol
 Concen: 39.21 ng
 RT: 10.80 min Scan# 806
 Delta R.T. -0.03 min
 Lab File: BF090195.D
 Acq: 23 Sep 2016 13:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 108989
 Ion Ratio Lower Upper
 266 100
 268 61.2 52.1 78.1
 264 64.3 50.3 75.5

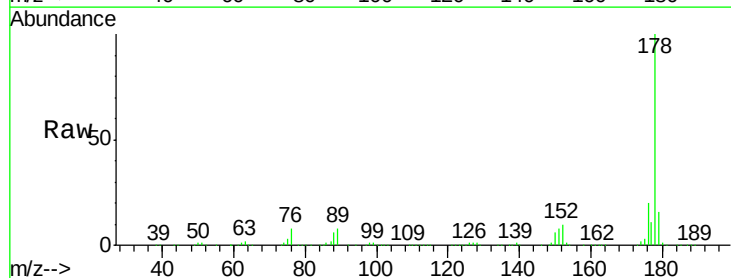


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

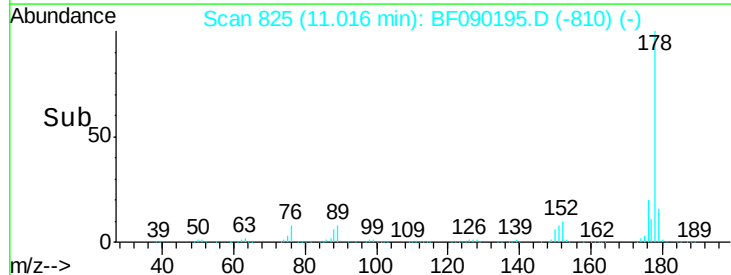
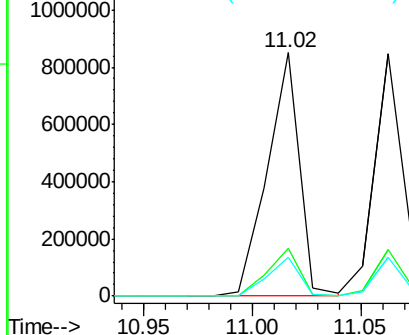


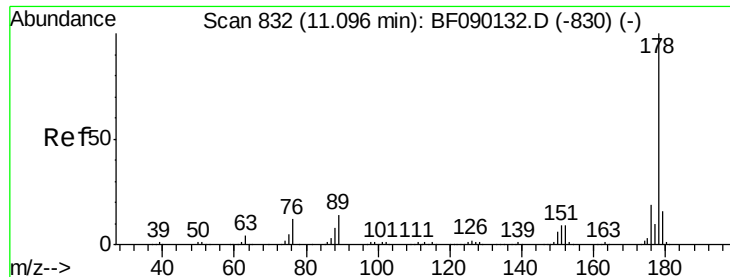
#70
 Phenanthrene
 Concen: 44.14 ng
 RT: 11.02 min Scan# 825
 Delta R.T. -0.03 min
 Lab File: BF090195.D
 Acq: 23 Sep 2016 13:35

Tgt Ion:178 Resp: 881366
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.9 23.9
 179 15.7 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

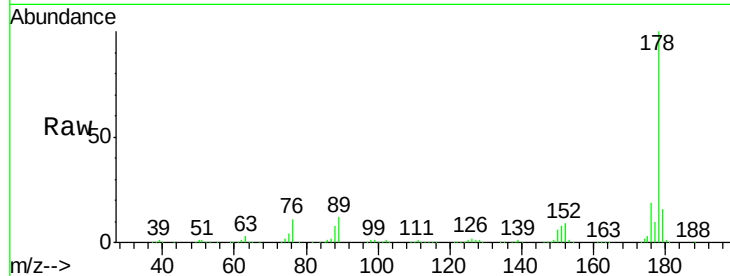




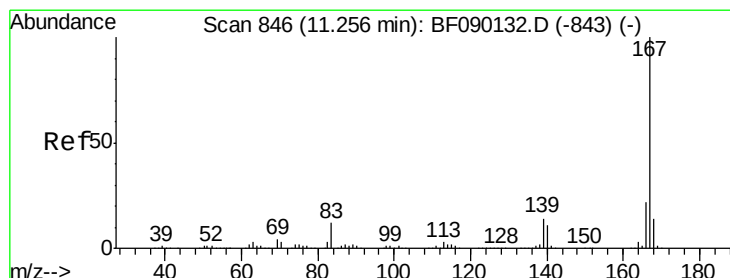
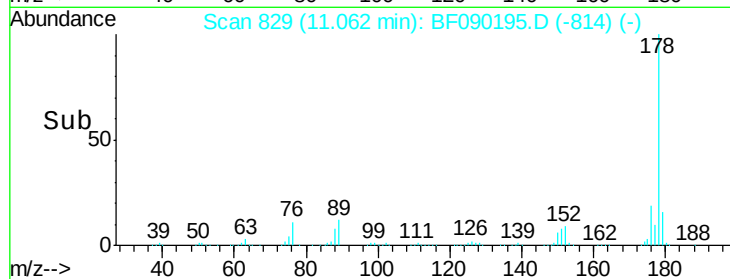
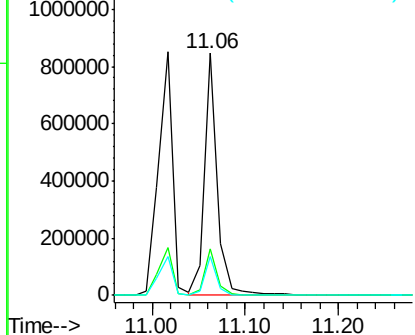
#71
 Anthracene
 Concen: 38.86 ng
 RT: 11.06 min Scan# 829
 Delta R.T. -0.03 min
 Lab File: BF090195.D
 Acq: 23 Sep 2016 13:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 813834
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.6
 179 16.0 12.6 19.0

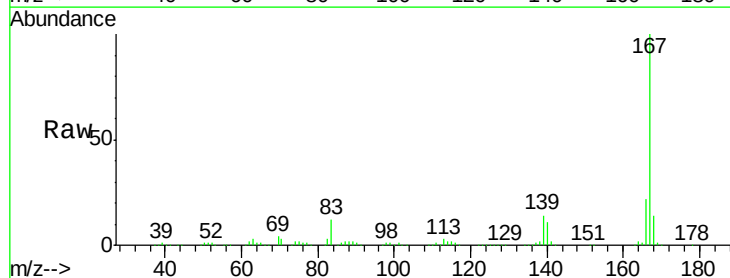


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

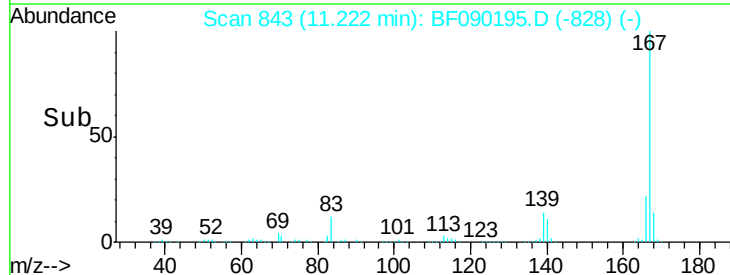
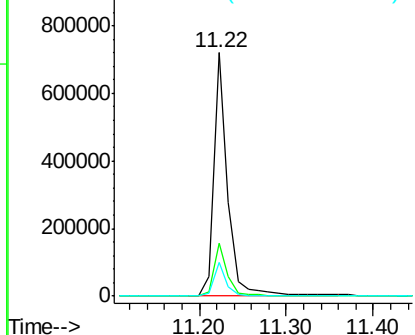


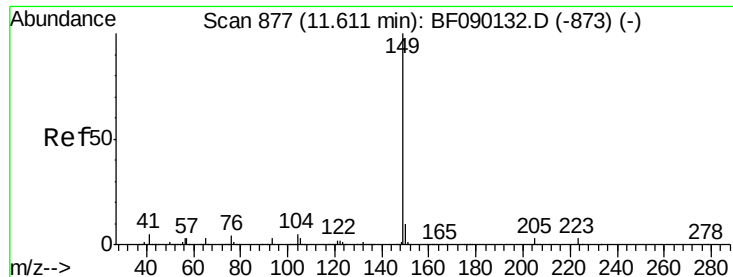
#72
 Carbazole
 Concen: 36.71 ng
 RT: 11.22 min Scan# 843
 Delta R.T. -0.03 min
 Lab File: BF090195.D
 Acq: 23 Sep 2016 13:35

Tgt Ion:167 Resp: 812743
 Ion Ratio Lower Upper
 167 100
 166 21.9 18.0 27.0
 139 14.0 10.4 15.6



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 40.55 ng

RT: 11.58 min Scan# 874

Delta R.T. -0.03 min

Lab File: BF090195.D

Acq: 23 Sep 2016 13:35

Instrument :

BNA_F

ClientSampleId :

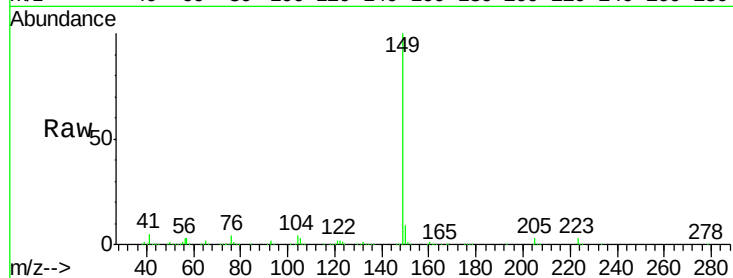
Tot Ion:149 Resp: 1044182

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.8

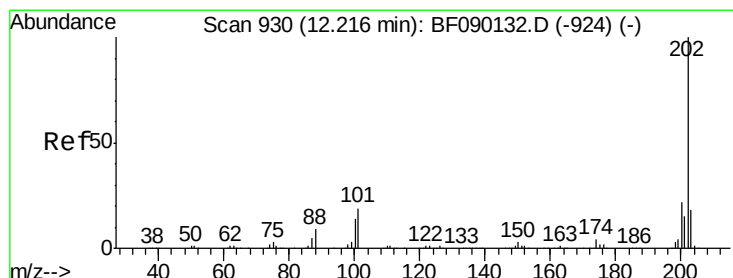
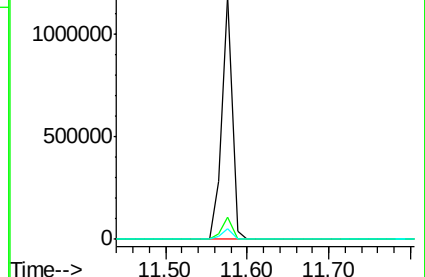
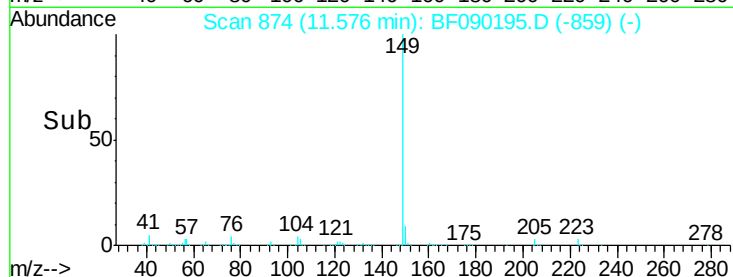
104 4.3 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.14 ng

RT: 12.18 min Scan# 927

Delta R.T. -0.03 min

Lab File: BF090195.D

Acq: 23 Sep 2016 13:35

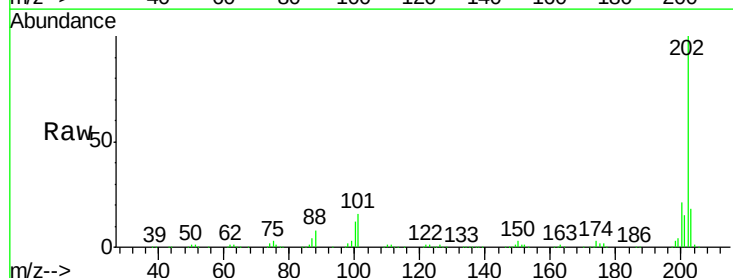
Tgt Ion:202 Resp: 817482

Ion Ratio Lower Upper

202 100

101 16.4 0.0 36.1

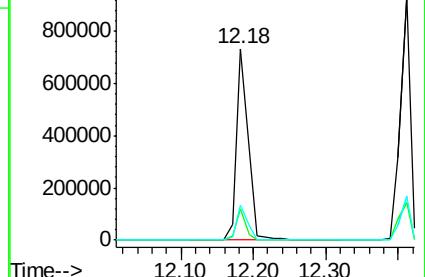
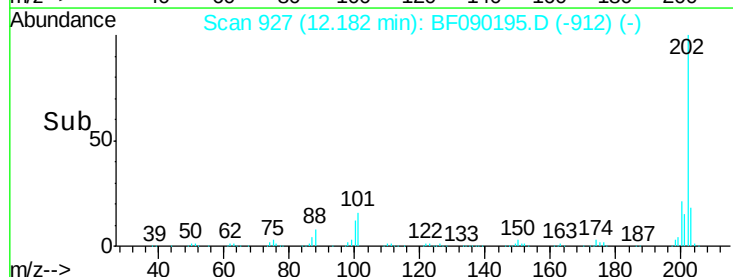
203 18.1 0.0 38.2

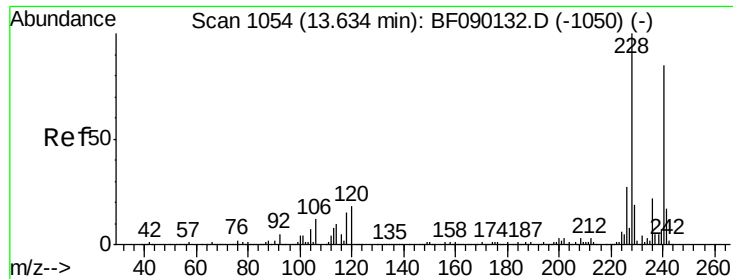


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.60 min Scan# 1051

Delta R.T. -0.03 min

Lab File: BF090195.D

Acq: 23 Sep 2016 13:35

Instrument :

BNA_F

ClientSampled :

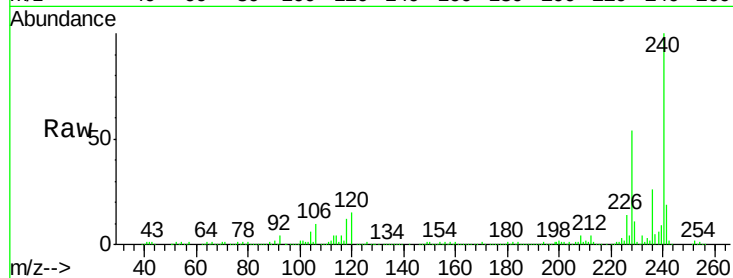
Tot Ion:240 Resp: 349299

Ion Ratio Lower Upper

240 100

120 14.9 10.6 16.0

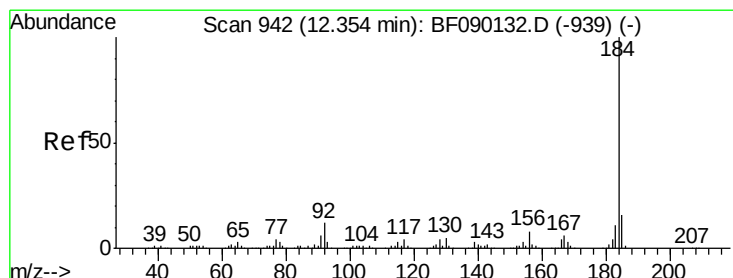
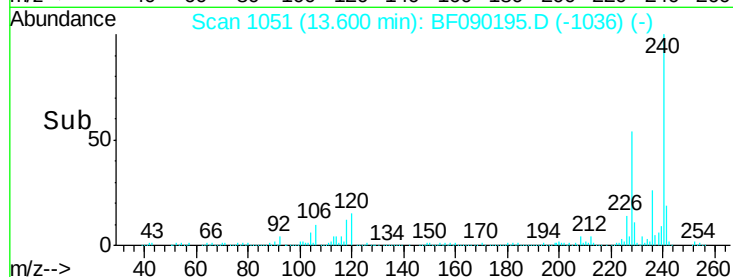
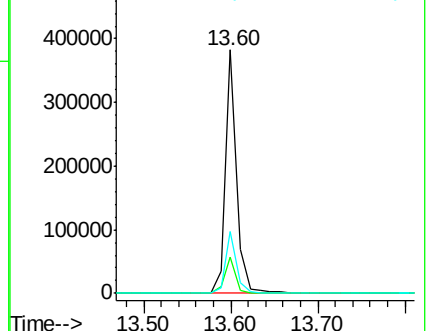
236 25.7 21.6 32.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 25.85 ng

RT: 12.32 min Scan# 939

Delta R.T. -0.03 min

Lab File: BF090195.D

Acq: 23 Sep 2016 13:35

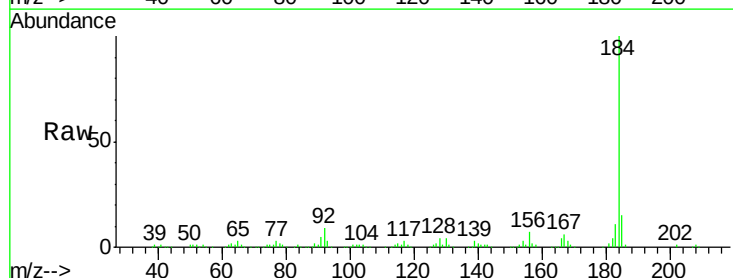
Tgt Ion:184 Resp: 302243

Ion Ratio Lower Upper

184 100

185 15.2 13.2 19.8

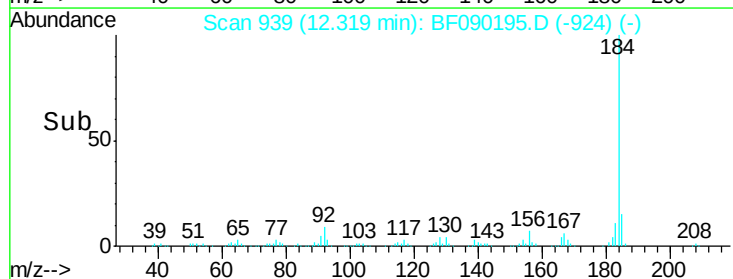
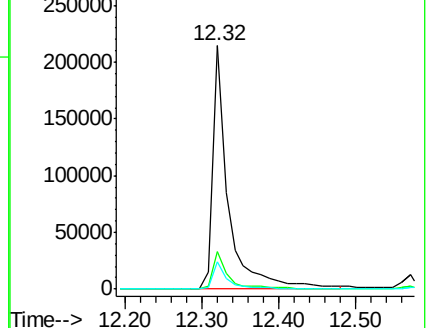
183 11.0 9.2 13.8

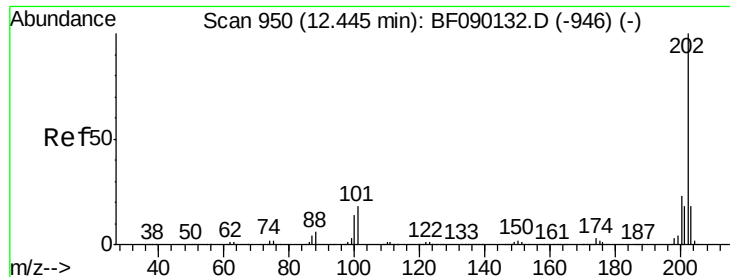


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

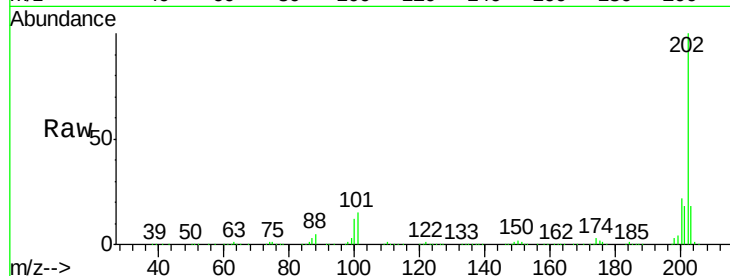




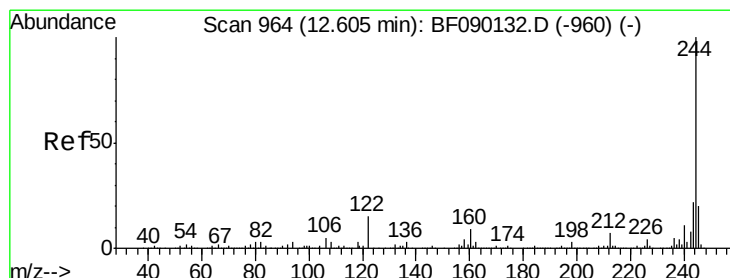
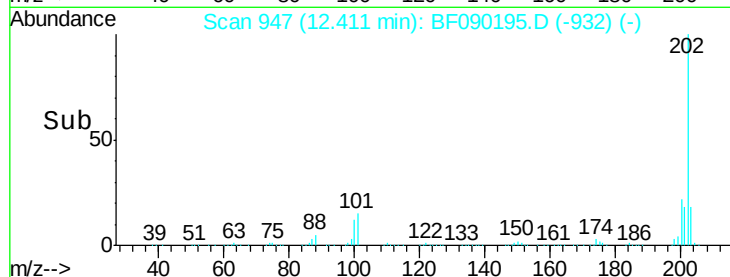
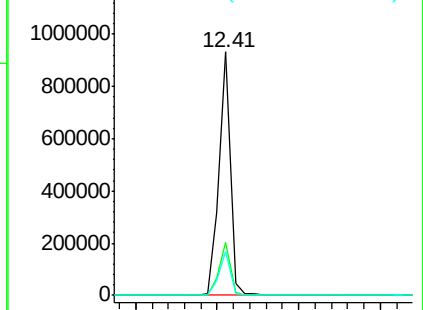
#77
Pvrene
Concen: 37.98 ng
RT: 12.41 min Scan# 947
Delta R.T. -0.03 min
Lab File: BF090195.D
Acq: 23 Sep 2016 13:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 907689
Ion Ratio Lower Upper
202 100
200 21.9 17.9 26.9
203 17.8 14.2 21.4

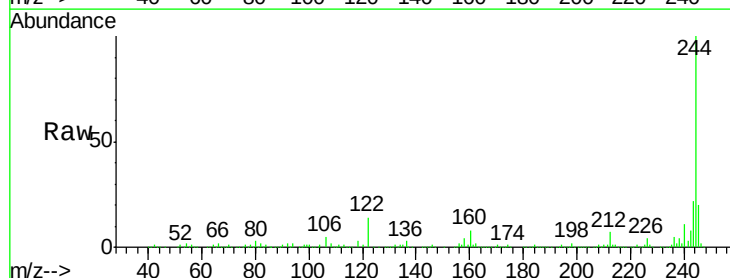


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

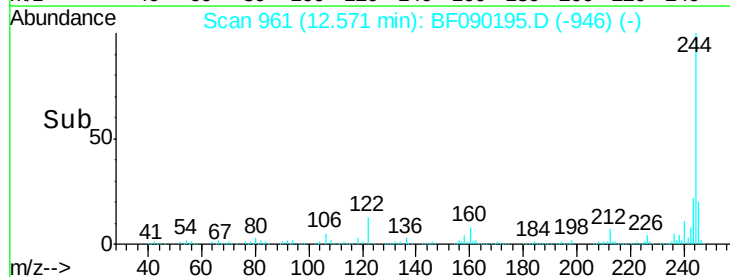
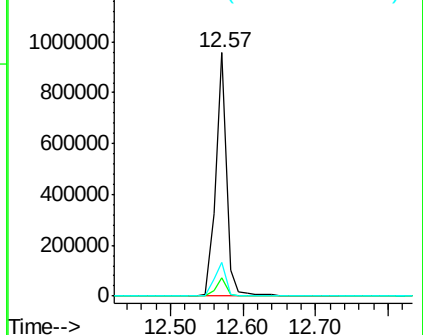


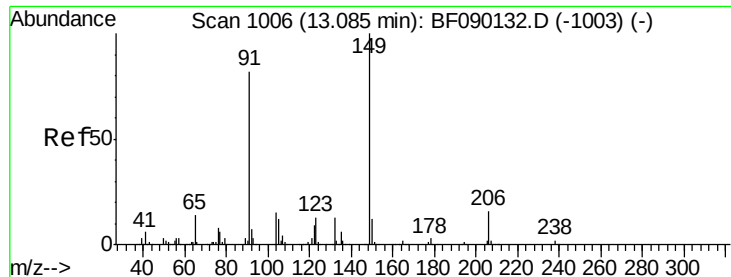
#78
Terphenyl-d14
Concen: 72.38 ng
RT: 12.57 min Scan# 961
Delta R.T. -0.03 min
Lab File: BF090195.D
Acq: 23 Sep 2016 13:35

Tgt Ion:244 Resp: 995830
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.8
122 13.7 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: 36.14 ng

RT: 13.05 min Scan# 1003

Delta R.T. -0.03 min

Lab File: BF090195.D

Acq: 23 Sep 2016 13:35

Instrument :

BNA_F

ClientSampleId :

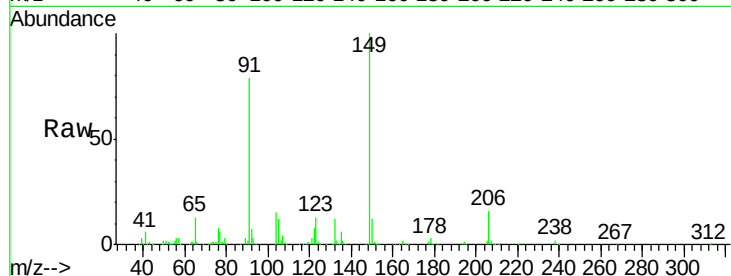
Tot Ion:149 Resp: 422493

Ion Ratio Lower Upper

149 100

91 79.1 49.8 74.6#

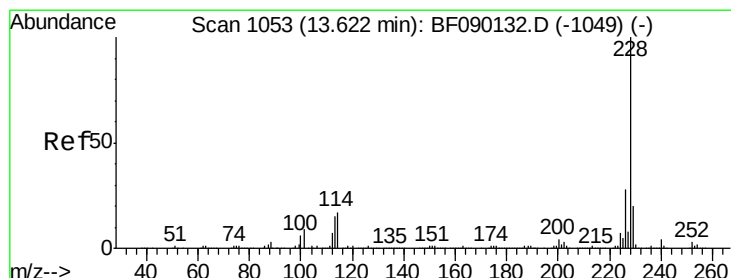
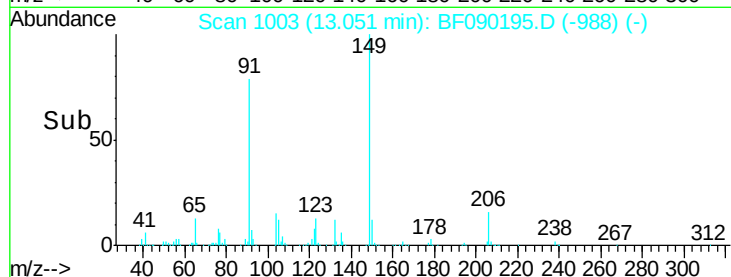
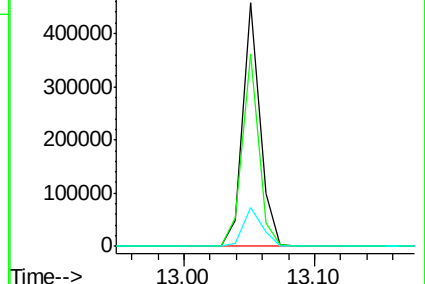
206 15.8 16.3 24.5#



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: 38.87 ng

RT: 13.59 min Scan# 1050

Delta R.T. -0.03 min

Lab File: BF090195.D

Acq: 23 Sep 2016 13:35

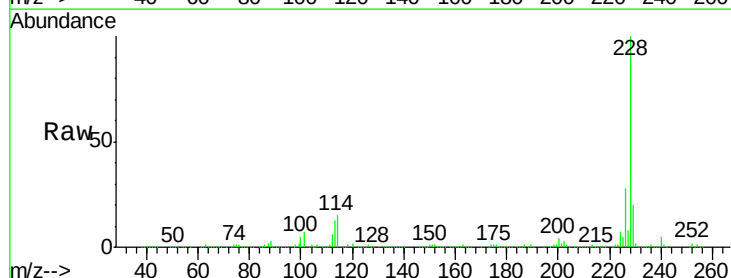
Tgt Ion:228 Resp: 730403

Ion Ratio Lower Upper

228 100

226 27.9 22.0 33.0

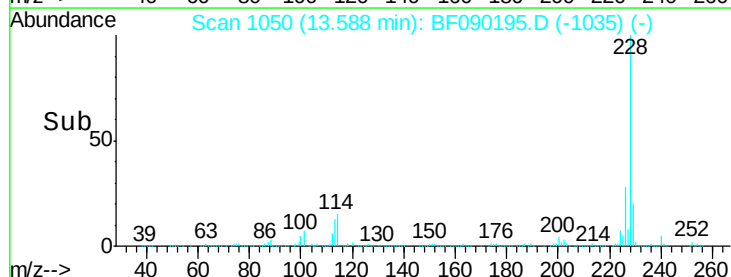
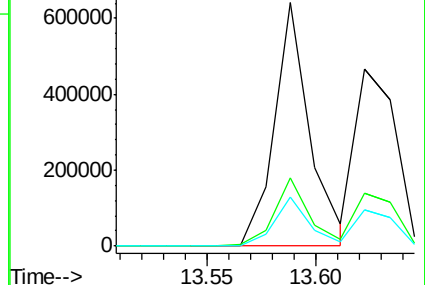
229 20.1 16.2 24.2

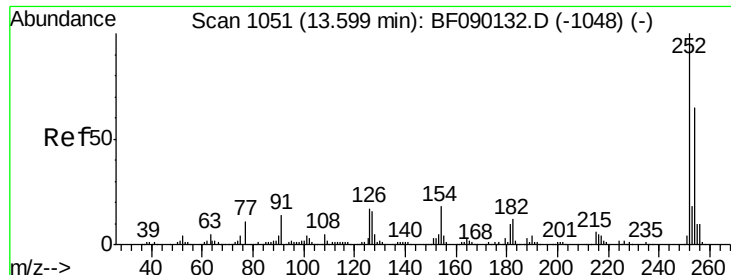


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

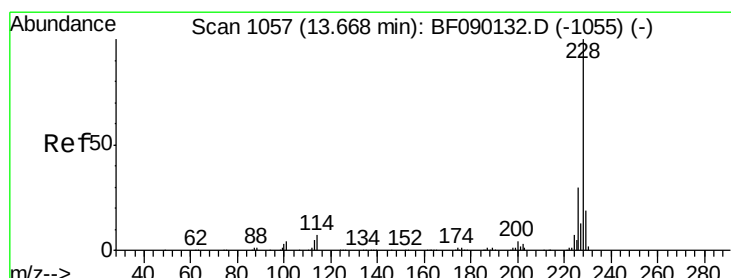
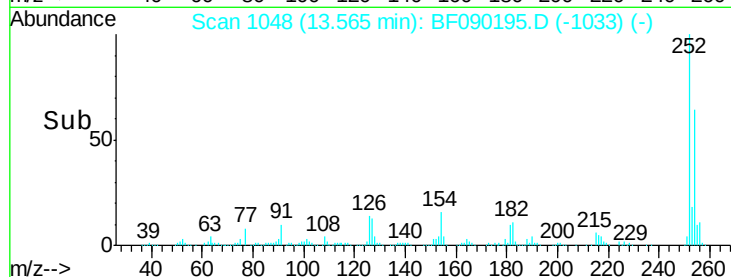
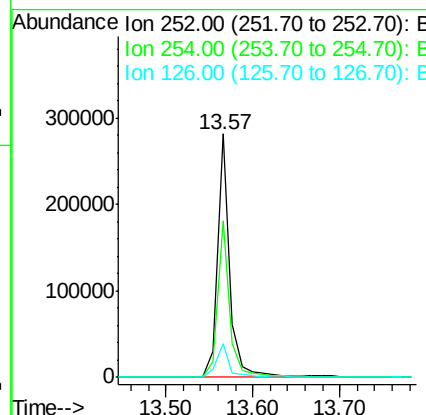
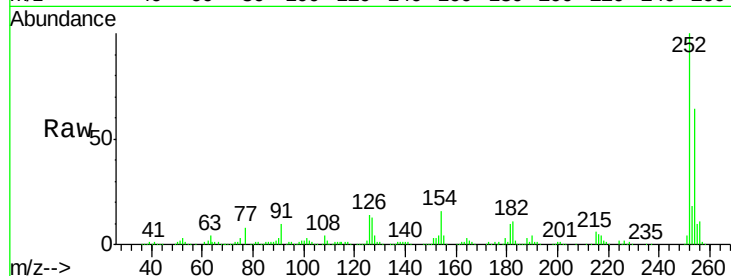




#81
 3,3'-Dichlorobenzidine
 Concen: 36.55 ng
 RT: 13.57 min Scan# 1048
 Delta R.T. -0.03 min
 Lab File: BF090195.D
 Acq: 23 Sep 2016 13:35

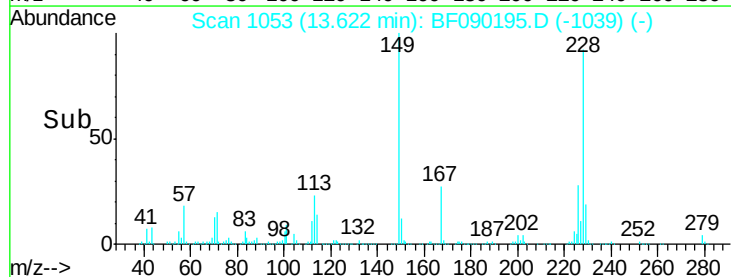
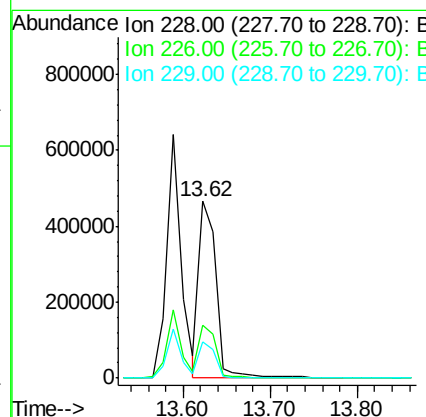
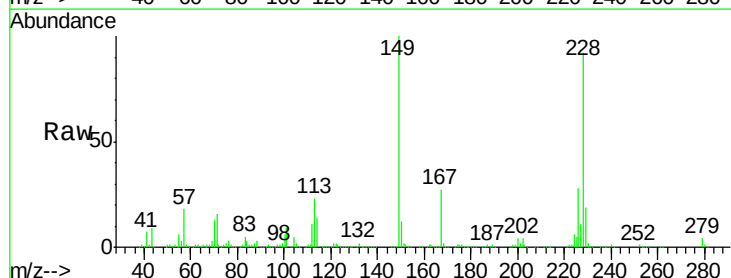
Instrument :
 BNA_F
 ClientSampleId :

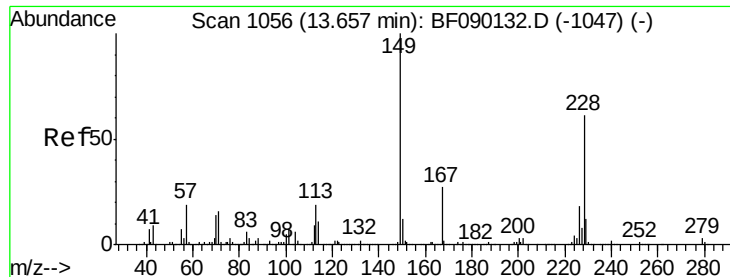
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.1	50.7	76.1
126	14.1	9.2	13.8



#82
 Chrysene
 Concen: 34.52 ng
 RT: 13.62 min Scan# 1053
 Delta R.T. -0.05 min
 Lab File: BF090195.D
 Acq: 23 Sep 2016 13:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.6	37.0
229	20.3	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.89 ng

RT: 13.62 min Scan# 1053

Delta R.T. -0.03 min

Lab File: BF090195.D

Acq: 23 Sep 2016 13:35

Instrument :

BNA_F

ClientSampleId :

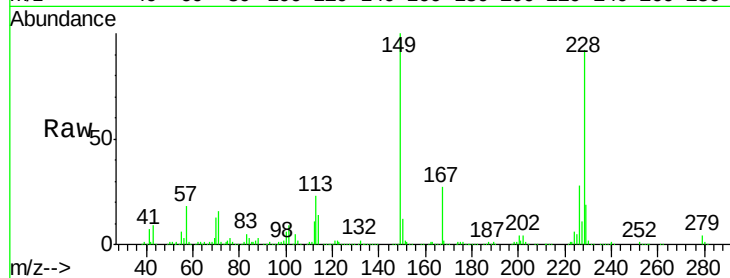
Tot Ion:149 Resp: 581935

Ion Ratio Lower Upper

149 100

167 27.1 21.2 31.8

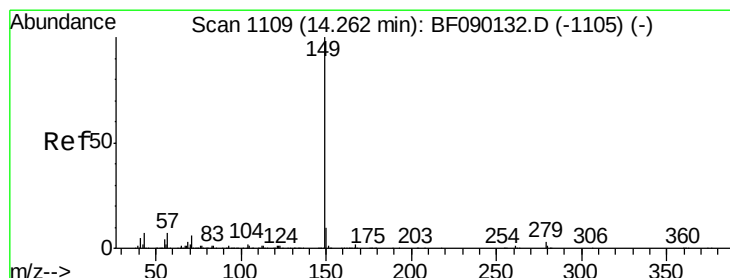
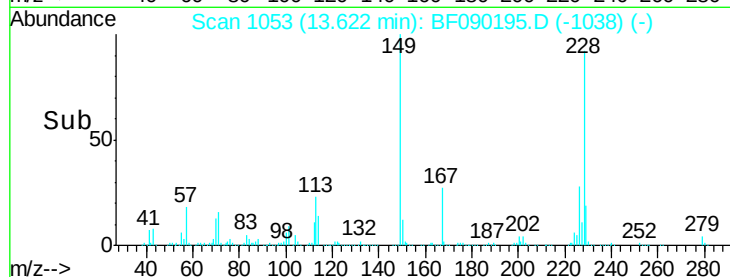
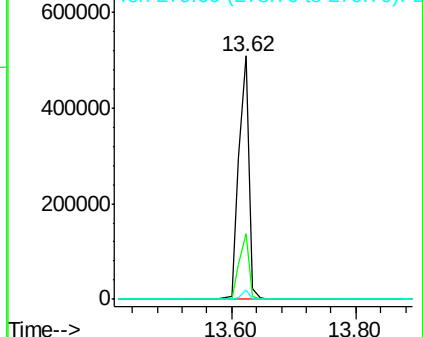
279 3.7 2.2 3.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 39.58 ng

RT: 14.23 min Scan# 1106

Delta R.T. -0.03 min

Lab File: BF090195.D

Acq: 23 Sep 2016 13:35

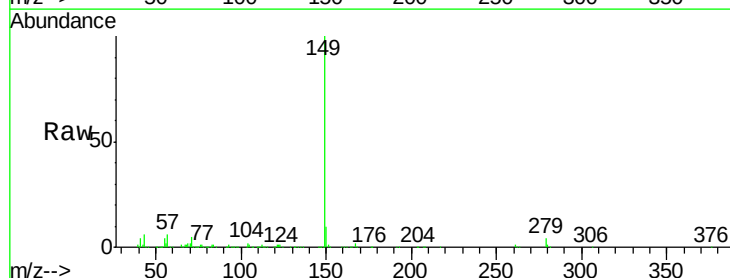
Tgt Ion:149 Resp: 1020209

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

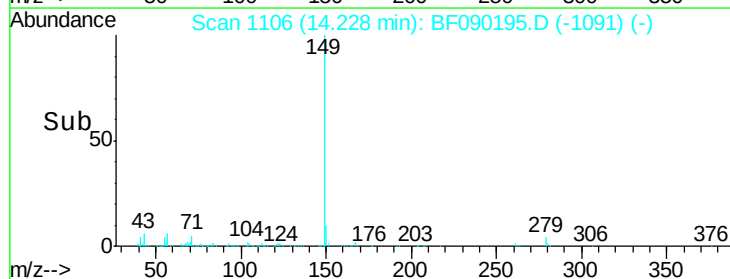
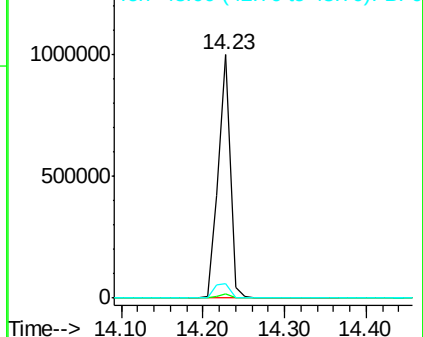
43 7.8 6.8 10.2

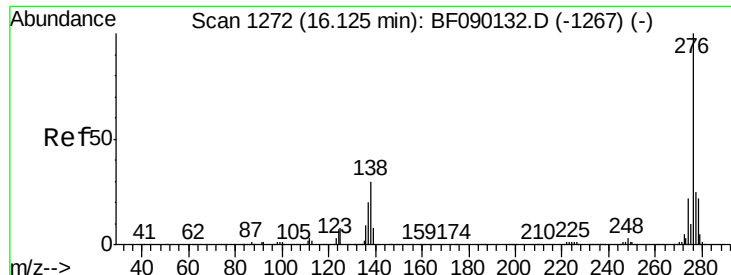


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

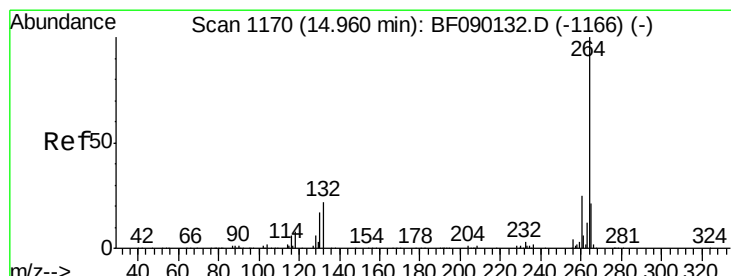
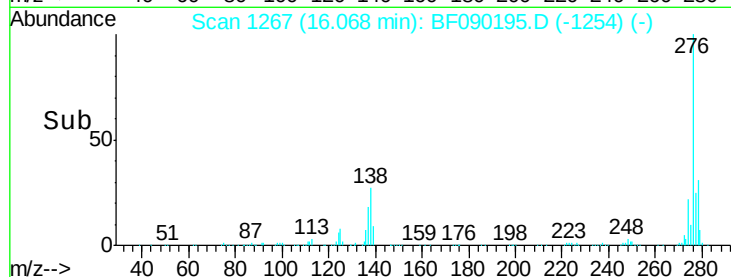
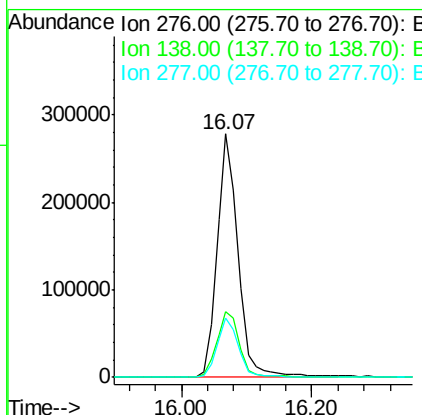
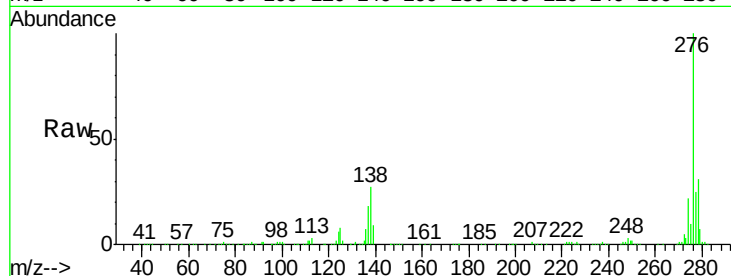




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.59 ng
 RT: 16.07 min Scan# 1267
 Delta R.T. -0.06 min
 Lab File: BF090195.D
 Acq: 23 Sep 2016 13:35

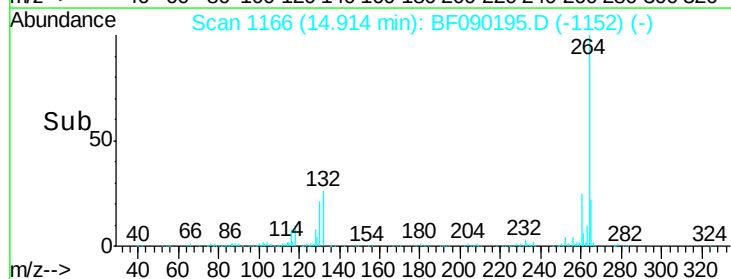
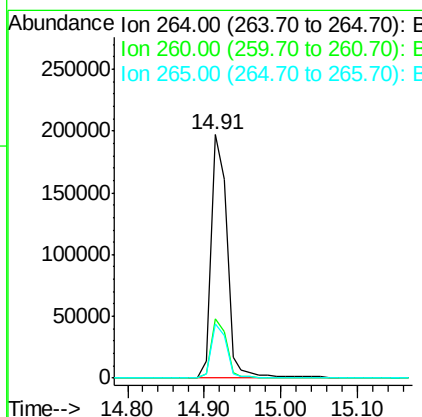
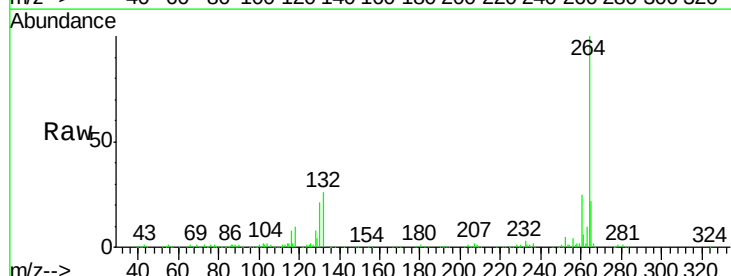
Instrument :
 BNA_F
 ClientSampleId :

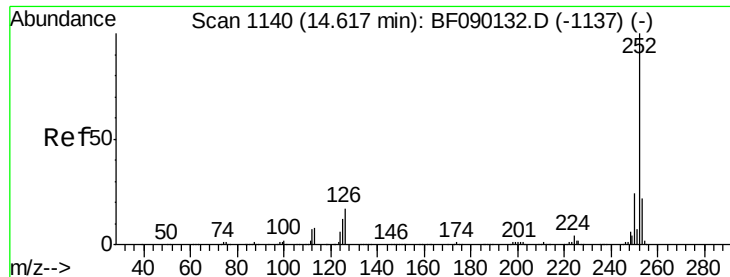
Tot Ion	Ratio	Lower	Upper
276	100		
138	29.5	25.9	38.9
277	25.4	19.9	29.9



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.91 min Scan# 1166
 Delta R.T. -0.05 min
 Lab File: BF090195.D
 Acq: 23 Sep 2016 13:35

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	22.0	17.0	25.4





#87

Benzo(b)fluoranthene

Concen: 81.87 ng

RT: 14.61 min Scan# 1139

Delta R.T. -0.01 min

Lab File: BF090195.D

Acq: 23 Sep 2016 13:35

Instrument :

BNA_F

ClientSampleId :

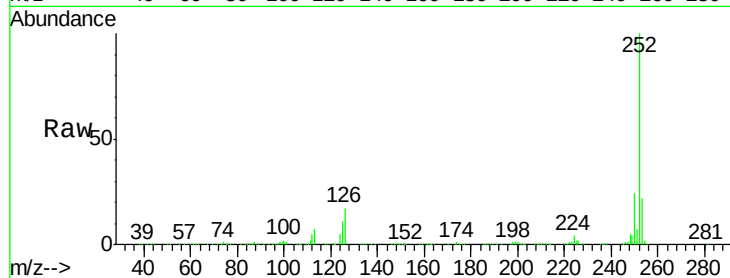
Tot Ion:252 Resp: 1287571

Ion Ratio Lower Upper

252 100

253 22.0 17.9 26.9

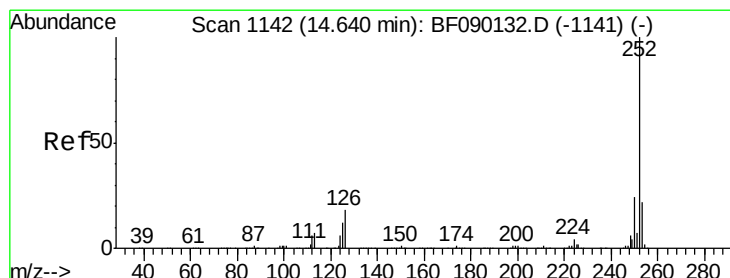
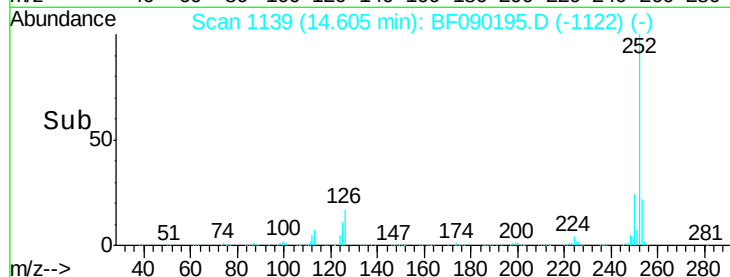
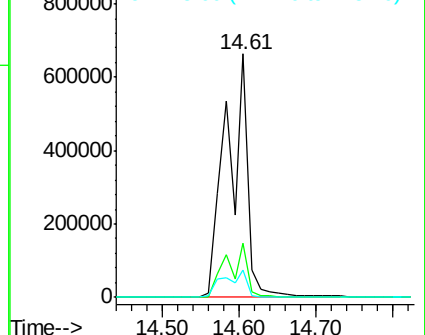
125 11.2 12.7 19.1#



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: 87.36 ng

RT: 14.61 min Scan# 1139

Delta R.T. -0.03 min

Lab File: BF090195.D

Acq: 23 Sep 2016 13:35

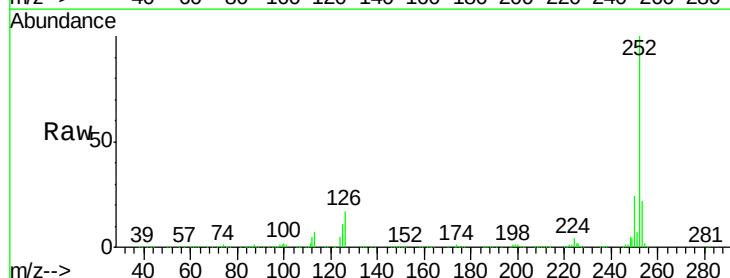
Tgt Ion:252 Resp: 1289370

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.8

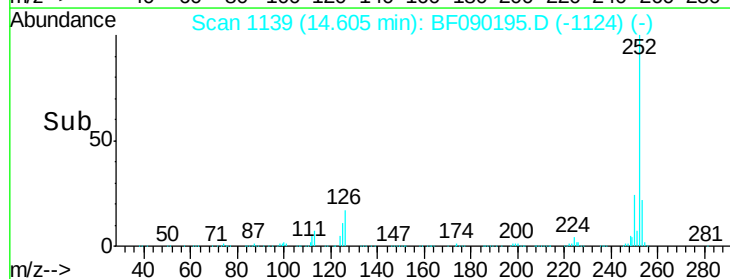
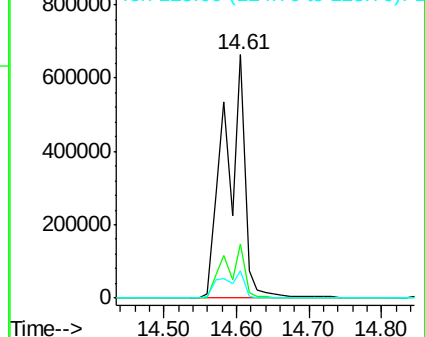
125 11.2 7.8 11.6

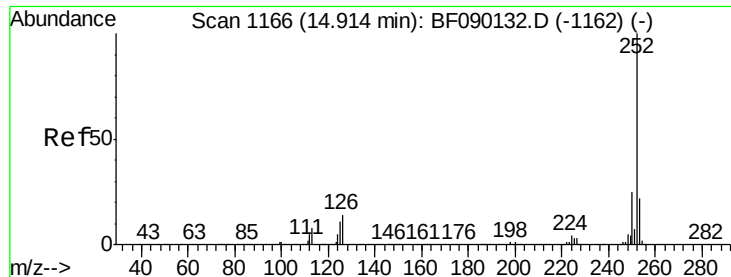


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

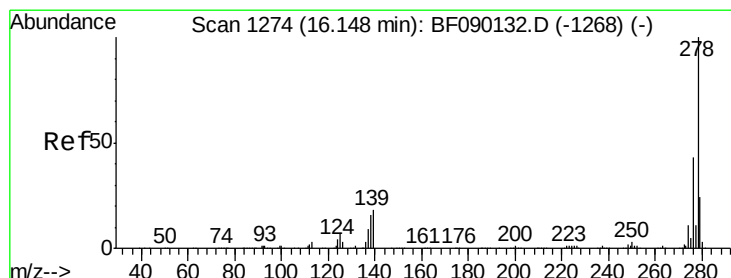
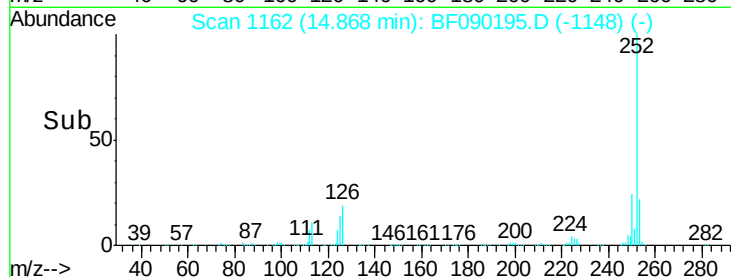
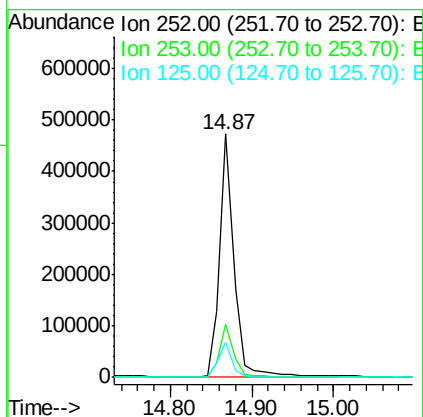
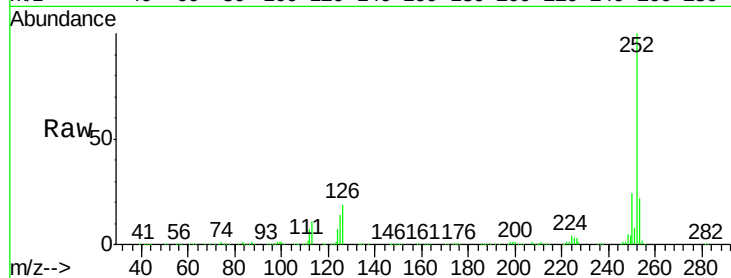




#89
Benzo(a)pyrene
Concen: 38.62 ng
RT: 14.87 min Scan# 1162
Delta R.T. -0.05 min
Lab File: BF090195.D
Acq: 23 Sep 2016 13:35

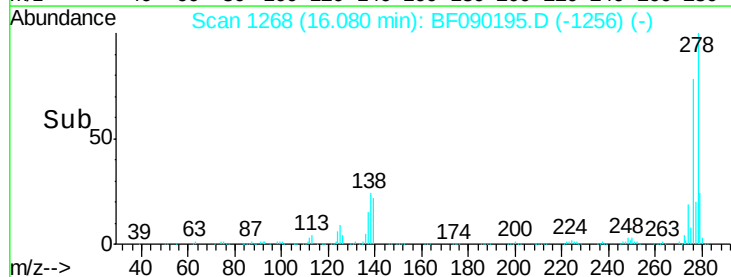
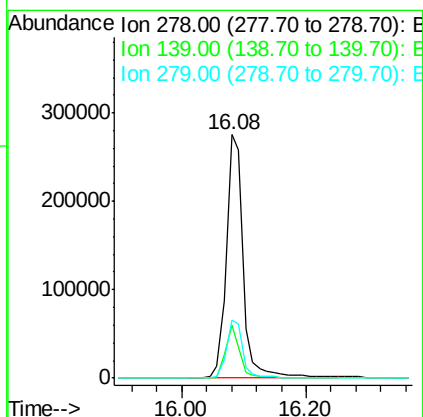
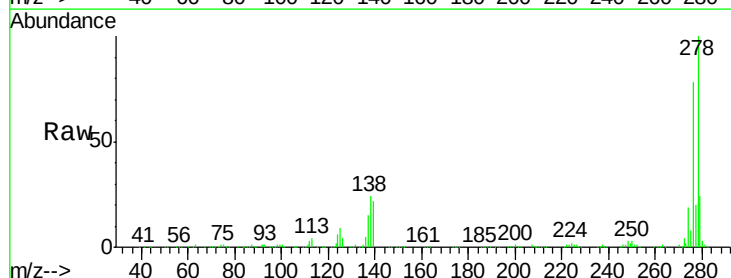
Instrument :
BNA_F
ClientSampleId :

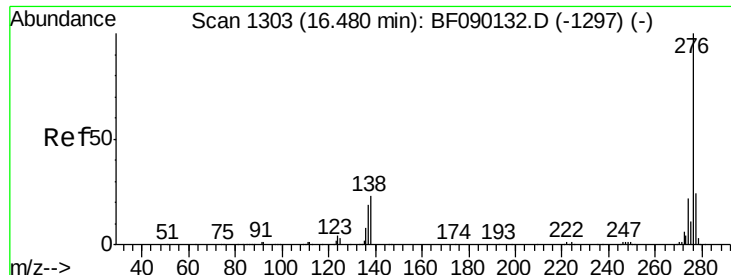
Tot Ion:252 Resp: 571263
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.0
125 14.1 7.7 11.5#



#90
Dibenzo(a,h)anthracene
Concen: 45.05 ng
RT: 16.08 min Scan# 1268
Delta R.T. -0.07 min
Lab File: BF090195.D
Acq: 23 Sep 2016 13:35

Tgt Ion:278 Resp: 520056
Ion Ratio Lower Upper
278 100
139 21.9 14.6 21.8#
279 23.6 18.8 28.2

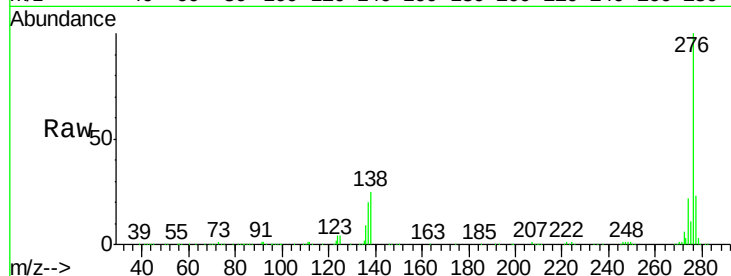




#91
 Benzo(a,h,i)perylene
 Concen: 46.99 ng
 RT: 16.41 min Scan# 1297
 Delta R.T. -0.07 min
 Lab File: BF090195.D
 Acq: 23 Sep 2016 13:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.9	28.3
138	25.3	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

