

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092116\
 Data File : BF090155.D
 Acq On : 21 Sep 2016 12:10
 Operator : UM/SJ
 Sample : PB93481BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93481BS

Quant Time: Sep 22 05:38:06 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	6.50	152	168306	20.00	ng	-0.02
21) Naphthalene-d8	7.79	136	672403	20.00	ng	-0.02
38) Acenaphthene-d10	9.54	164	337787	20.00	ng	-0.01
63) Phenanthrene-d10	11.00	188	502230	20.00	ng	-0.02
75) Chrysene-d12	13.62	240	377339	20.00	ng	-0.01
86) Perylene-d12	14.94	264	319766	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	1306852	126.56	ng	0.01
7) Phenol-d6	6.17	99	1632175	128.00	ng	0.00
23) Nitrobenzene-d5	7.08	82	1087468	93.75	ng	-0.01
41) 2,4,6-Tribromophenol	10.33	330	364169	125.67	ng	-0.01
44) 2-Fluorobiphenyl	8.88	172	1584660	92.10	ng	-0.01
78) Terphenyl-d14	12.59	244	1323912	89.08	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	1.99	88	207889	37.11	ng	98
3) Pyridine	2.57	79	555290m	45.71	ng	
4) n-Nitrosodimethylamine	2.54	42	189010	52.13	ng	98
6) Aniline	6.17	93	475592	29.92	ng	94
8) 2-Chlorophenol	6.30	128	541339	45.56	ng	85
9) Benzaldehyde	6.04	77	51960	9.35	ng	98
10) Phenol	6.18	94	685241	45.46	ng	# 73
11) bis(2-Chloroethyl)ether	6.26	93	542108	46.12	ng	90
12) 1,3-Dichlorobenzene	6.44	146	546173	44.00	ng	100
13) 1,4-Dichlorobenzene	6.52	146	565572	44.63	ng	100
14) 1,2-Dichlorobenzene	6.67	146	448580	39.73	ng	# 89
15) Benzyl Alcohol	6.67	79	385102	50.64	ng	89
16) 2,2'-oxybis(1-Chloropropan	6.81	45	643984	45.84	ng	95
17) 2-Methylphenol	6.79	107	465419	49.73	ng	99
18) Hexachloroethane	7.02	117	198958	44.02	ng	95
19) n-Nitroso-di-n-propylamine	6.95	70	368586	49.20	ng	99
20) 3+4-Methylphenols	6.95	107	542157	48.26	ng	94
22) Acetophenone	6.94	105	691954	42.67	ng	# 99
24) Nitrobenzene	7.10	77	511775	42.34	ng	97
25) Isophorone	7.35	82	1086421	44.83	ng	99
26) 2-Nitrophenol	7.42	139	273712	45.99	ng	98
27) 2,4-Dimethylphenol	7.47	122	447955	42.37	ng	98
28) bis(2-Chloroethoxy)methane	7.56	93	649350	44.30	ng	99
29) 2,4-Dichlorophenol	7.67	162	451820	48.72	ng	96
30) 1,2,4-Trichlorobenzene	7.75	180	428385	46.24	ng	# 95
31) Naphthalene	7.82	128	1452685	45.37	ng	100
32) Benzoic acid	7.63	122	283340	39.03	ng	89
33) 4-Chloroaniline	7.87	127	274190	20.65	ng	99
34) Hexachlorobutadiene	7.94	225	209027	42.77	ng	98
35) Caprolactam	8.26	113	154804m	50.43	ng	
36) 4-Chloro-3-methylphenol	8.38	107	474997	45.32	ng	98
37) 2-Methylnaphthalene	8.51	142	1011086	50.78	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.67	216	294449	37.98	ng	99
40) Hexachlorocyclopentadiene	8.66	237	374489	97.88	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.80	196	287063	51.96	nq	97
43) 2,4,5-Trichlorophenol	8.84	196	309201	54.05	nq	97
45) 1,1'-Biphenyl	8.97	154	983581	40.70	nq	100
46) 2-Chloronaphthalene	8.99	162	848998	47.62	nq	100
47) 2-Nitroaniline	9.10	65	267716	49.81	nq	88
48) Acenaphthylene	9.40	152	1288616	44.51	nq	100
49) Dimethylphthalate	9.29	163	975304	45.33	nq	98
50) 2,6-Dinitrotoluene	9.35	165	244743	51.04	nq	# 73
51) Acenaphthene	9.58	154	764623	44.49	nq	99
52) 3-Nitroaniline	9.51	138	164133	29.19	nq	99
53) 2,4-Dinitrophenol	9.62	184	224946	83.71	nq	# 84
54) Dibenzofuran	9.75	168	1020377	45.12	nq	96
55) 4-Nitrophenol	9.69	139	292210	75.87	nq	88
56) 2,4-Dinitrotoluene	9.75	165	271384	47.86	nq	84
57) Fluorene	10.09	166	831766	48.80	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.87	232	212173	49.54	nq	96
59) Diethylphthalate	9.99	149	892554	42.96	nq	97
60) 4-Chlorophenyl-phenylether	10.09	204	335537	43.17	nq	# 78
61) 4-Nitroaniline	10.12	138	252348	44.04	nq	93
62) Azobenzene	10.24	77	948296	43.85	nq	99
64) 4,6-Dinitro-2-methylphenol	10.15	198	129935	41.31	nq	# 65
65) n-Nitrosodiphenylamine	10.20	169	737746	44.67	nq	99
66) 4-Bromophenyl-phenylether	10.57	248	244573	49.49	nq	# 92
67) Hexachlorobenzene	10.63	284	259722	45.09	nq	97
68) Atrazine	10.74	200	193516	42.76	nq	96
69) Pentachlorophenol	10.82	266	265564	81.23	nq	99
70) Phenanthrene	11.04	178	1191760	50.74	nq	99
71) Anthracene	11.08	178	1153937	46.84	nq	100
72) Carbazole	11.24	167	1212647	46.56	nq	99
73) Di-n-butylphthalate	11.60	149	1462891	48.31	nq	# 97
74) Fluoranthene	12.21	202	1079565	42.82	nq	99
76) Benzidine	12.34	184	250709	19.85	nq	97
77) Pyrene	12.43	202	1203617	46.61	nq	99
79) Butylbenzylphthalate	13.07	149	578992	45.84	nq	93
80) Benzo(a)anthracene	13.61	228	949054	46.75	nq	99
81) 3,3'-Dichlorobenzidine	13.59	252	238186	28.45	nq	# 97
82) Chrysene	13.65	228	786853m	39.79	nq	
83) Bis(2-ethylhexyl)phthalate	13.63	149	707483	43.77	nq	# 98
84) Di-n-octyl phthalate	14.24	149	1263099	45.36	nq	98
85) Indeno(1,2,3-cd)pyrene	16.10	276	932871	58.34	nq	99
87) Benzo(b)fluoranthene	14.59	252	769548m	43.46	nq	
88) Benzo(k)fluoranthene	14.62	252	794423m	47.81	nq	
89) Benzo(a)pyrene	14.89	252	772803	46.40	nq	# 97
90) Dibenzo(a,h)anthracene	16.11	278	779707	59.99	nq	# 95
91) Benzo(g,h,i)perylene	16.45	276	796933	62.64	nq	98

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

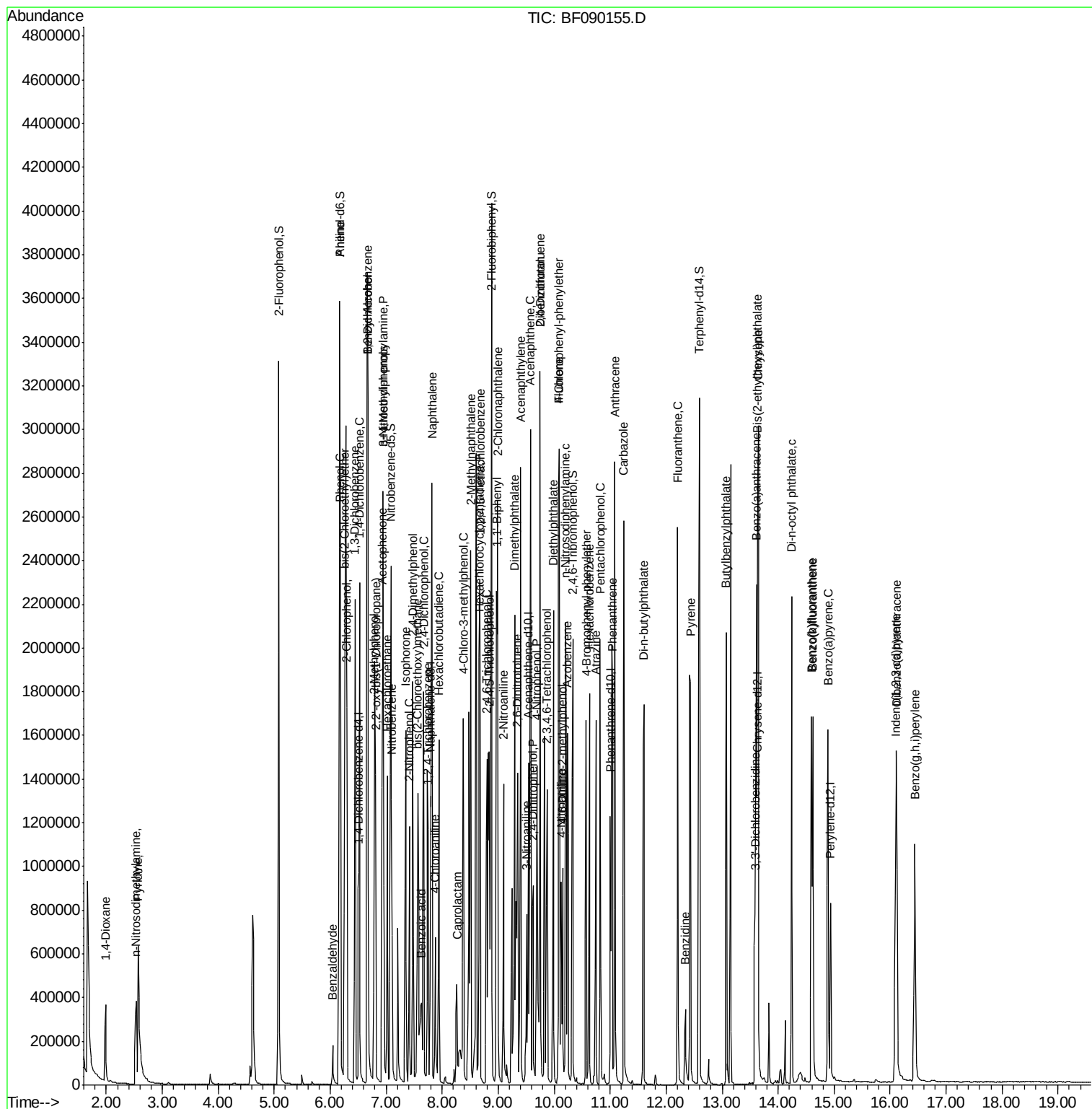
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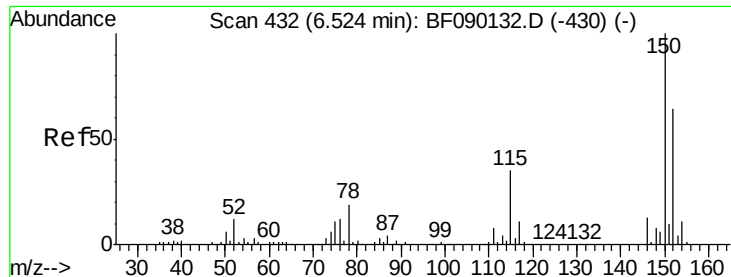
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.50 min Scan# 430

Delta R.T. -0.02 min

Lab File: BF090155.D

Acq: 21 Sep 2016 12:10

Instrument :

BNA_F

ClientSampleId :

PB93481BS

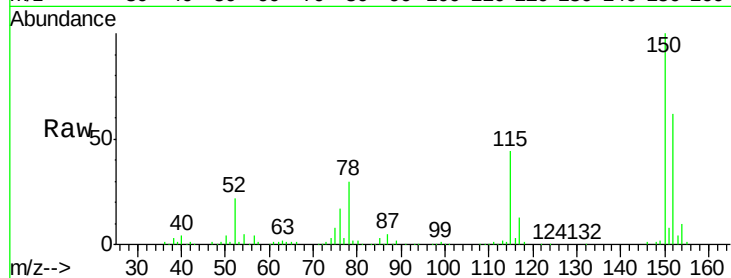
Tot Ion:152 Resp: 168306

Ion Ratio Lower Upper

152 100

150 160.6 128.9 193.3

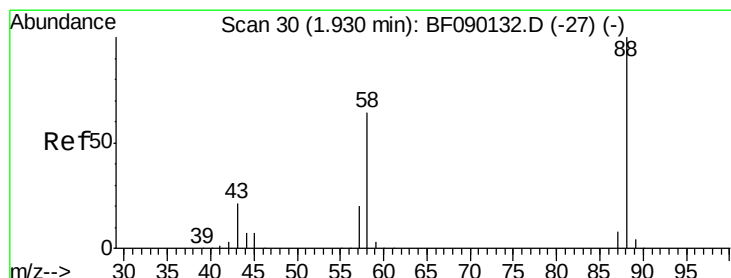
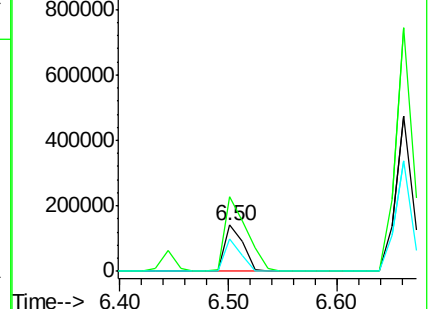
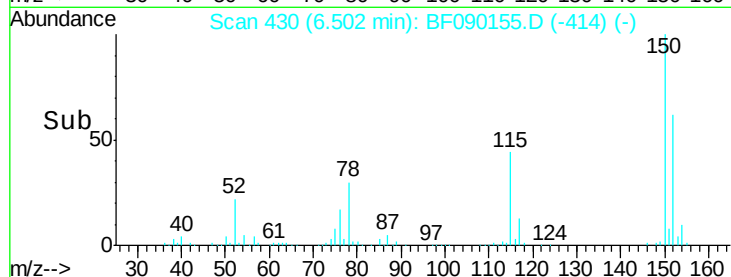
115 70.2 55.5 83.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 37.11 ng

RT: 1.99 min Scan# 35

Delta R.T. 0.06 min

Lab File: BF090155.D

Acq: 21 Sep 2016 12:10

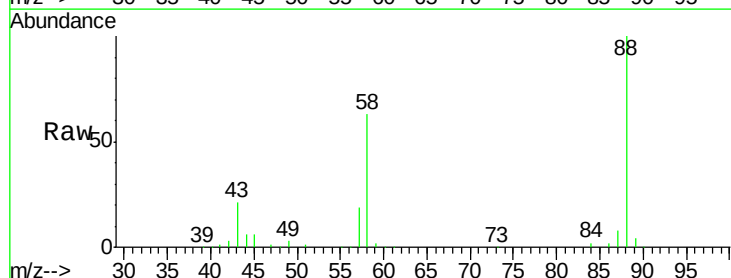
Tgt Ion: 88 Resp: 207889

Ion Ratio Lower Upper

88 100

58 65.1 53.4 80.0

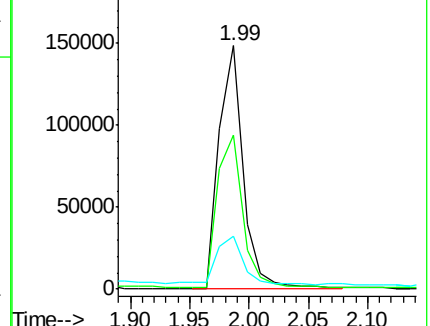
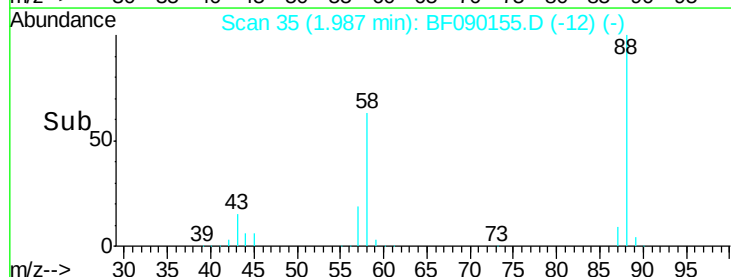
43 20.8 16.5 24.7

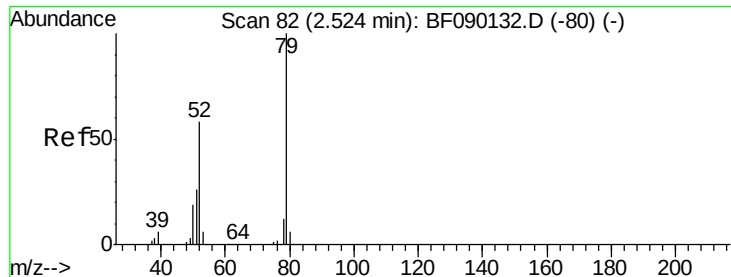


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 45.71 ng/ml

RT: 2.57 min Scan# 86

Delta R.T. 0.05 min

Lab File: BF090155.D

Acq: 21 Sep 2016 12:10

Instrument :

BNA_F

ClientSampleId :

PB93481BS

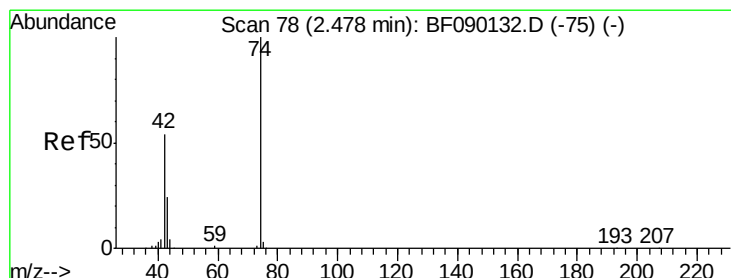
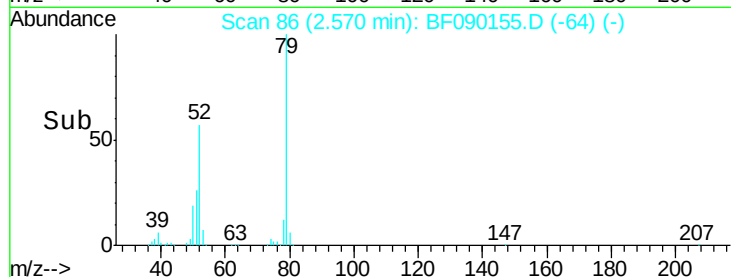
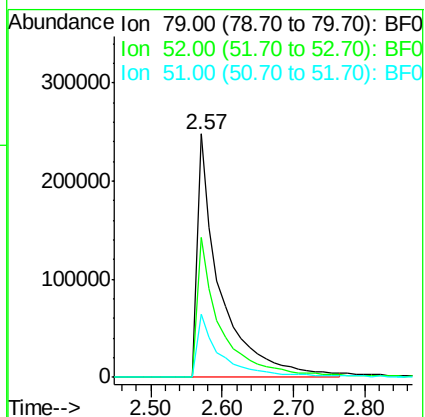
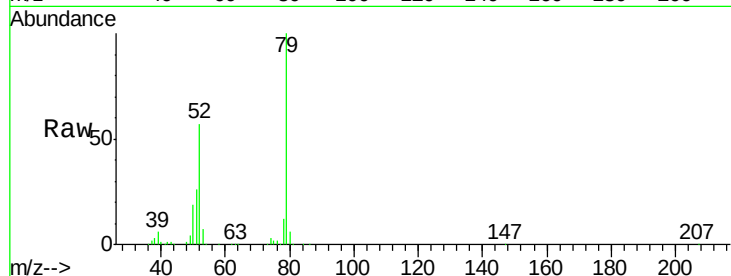
Tot Ion: 79 Resp: 555290

Ion Ratio Lower Upper

79 100

52 57.4 45.9 68.9

51 26.1 21.3 31.9



#4

n-Nitrosodimethylamine

Concen: 52.13 ng/ml

RT: 2.54 min Scan# 83

Delta R.T. 0.06 min

Lab File: BF090155.D

Acq: 21 Sep 2016 12:10

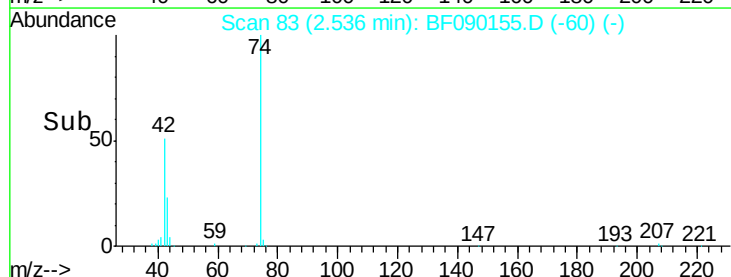
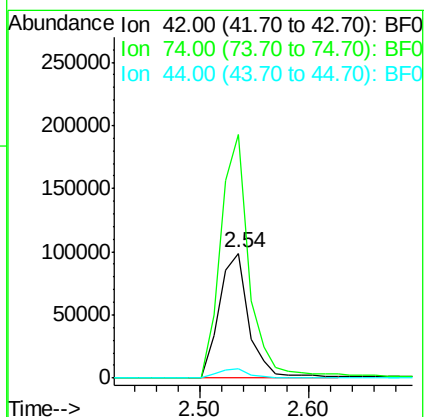
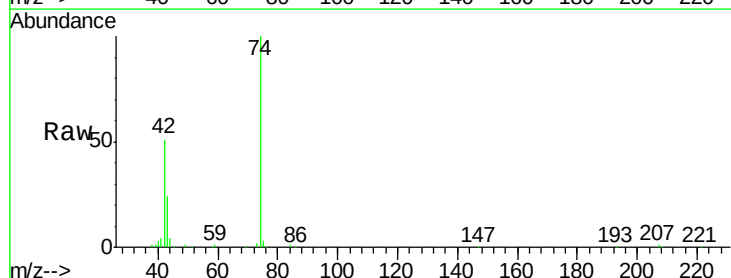
Tgt Ion: 42 Resp: 189010

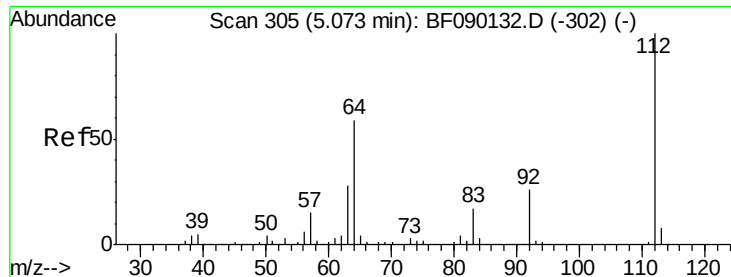
Ion Ratio Lower Upper

42 100

74 195.4 158.7 238.1

44 7.5 6.4 9.6





#5

2-Fluorophenol

Concen: 126.56 ng

RT: 5.08 min Scan# 306

Delta R.T. 0.01 min

Lab File: BF090155.D

Acq: 21 Sep 2016 12:10

Instrument :

BNA_F

ClientSampleId :

PB93481BS

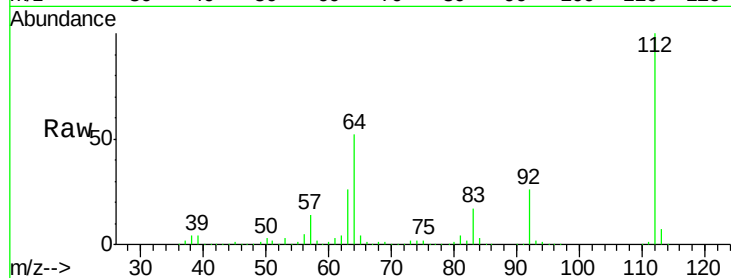
Tot Ion:112 Resp: 1306852

Ion Ratio Lower Upper

112 100

64 52.0 39.8 59.6

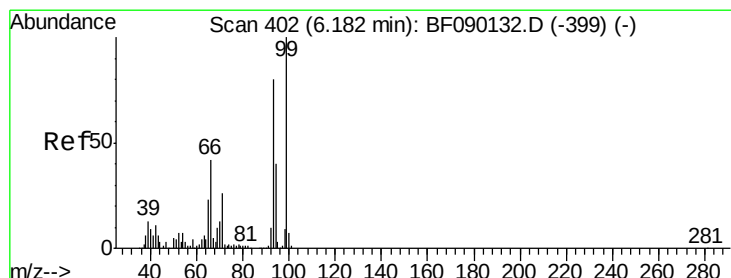
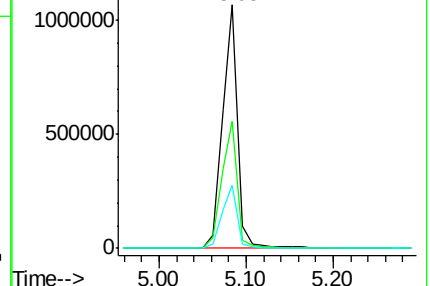
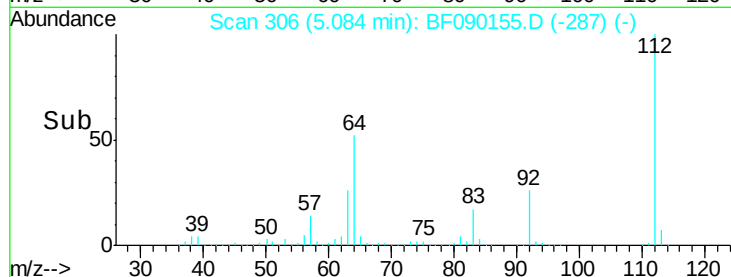
63 26.0 18.9 28.3



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 29.92 ng

RT: 6.17 min Scan# 401

Delta R.T. -0.01 min

Lab File: BF090155.D

Acq: 21 Sep 2016 12:10

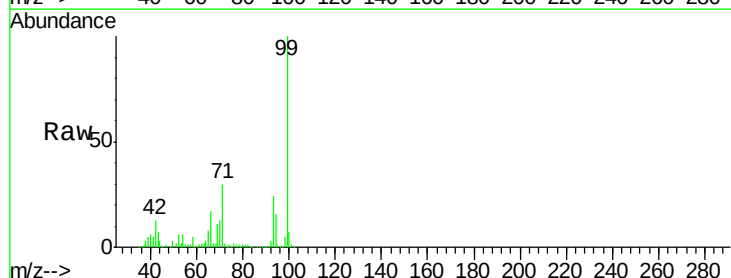
Tgt Ion: 93 Resp: 475592

Ion Ratio Lower Upper

93 100

66 69.2 54.2 81.2

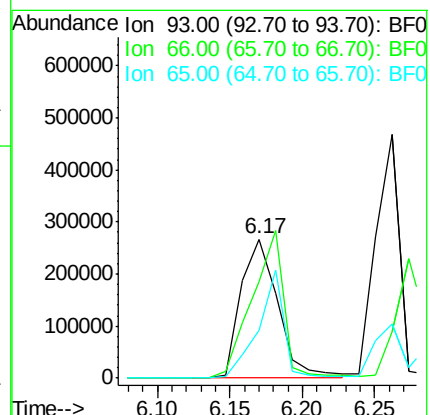
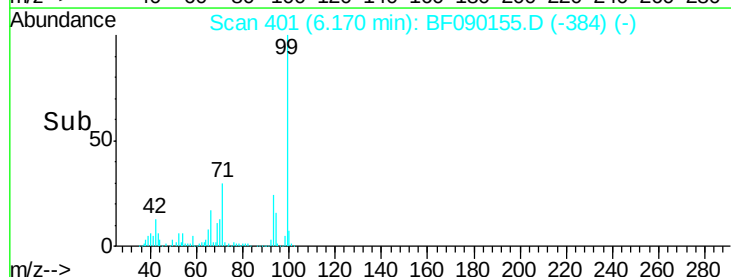
65 34.1 33.8 50.6

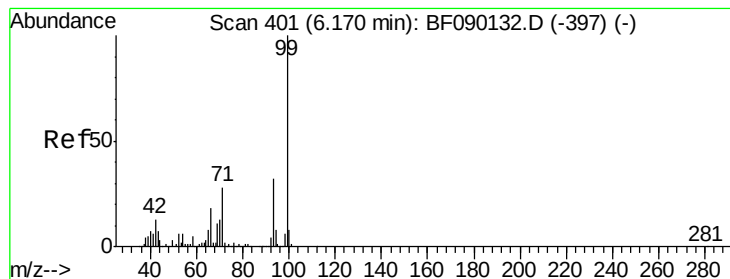


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 128.00 ng

RT: 6.17 min Scan# 401

Delta R.T. 0.00 min

Lab File: BF090155.D

Acq: 21 Sep 2016 12:10

Instrument :

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ClientSampled :

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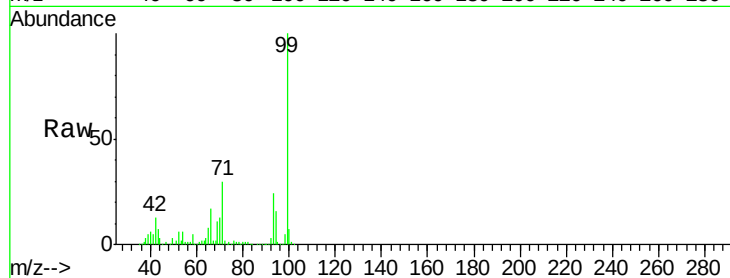
Tot Ion: 99 Resp: 1632175

Ion Ratio Lower Upper

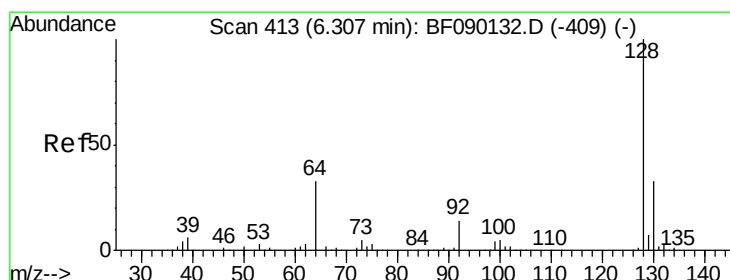
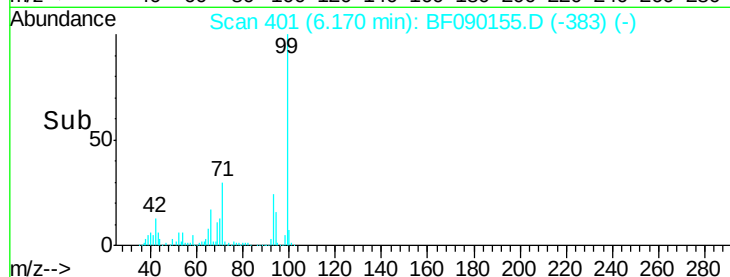
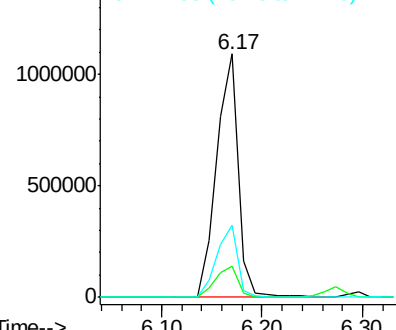
99 100

42 12.7 10.6 15.8

71 29.7 23.0 34.6



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 45.56 ng

RT: 6.30 min Scan# 412

Delta R.T. -0.01 min

Lab File: BF090155.D

Acq: 21 Sep 2016 12:10

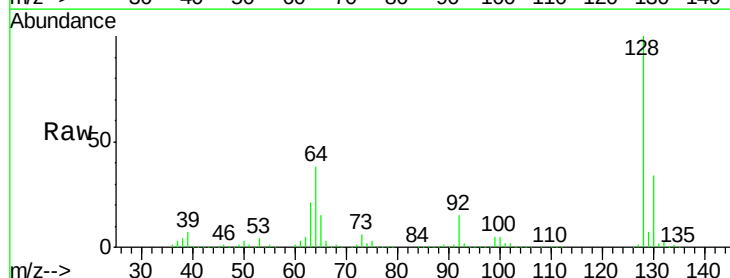
Tgt Ion: 128 Resp: 541339

Ion Ratio Lower Upper

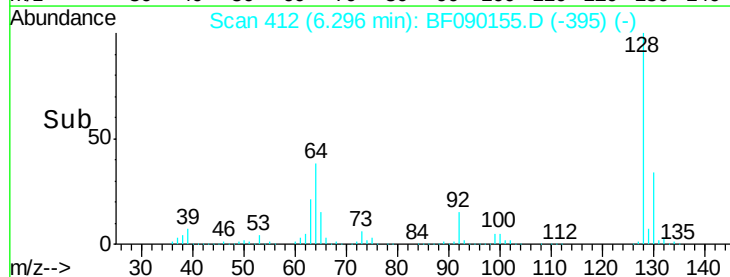
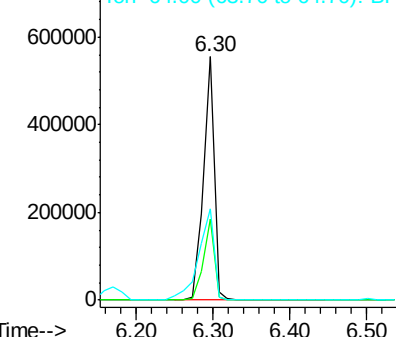
128 100

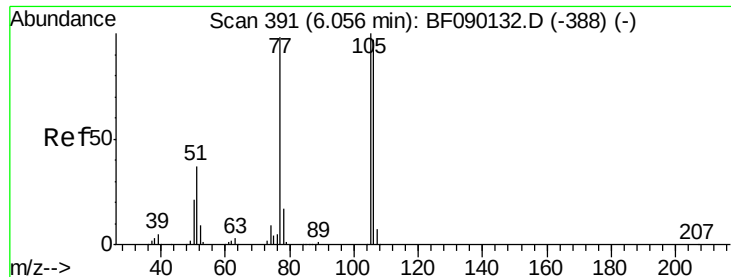
130 33.5 12.0 52.0

64 37.7 33.6 73.6



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 9.35 ng

RT: 6.04 min Scan# 390

Delta R.T. -0.01 min

Lab File: BF090155.D

Acq: 21 Sep 2016 12:10

Instrument :

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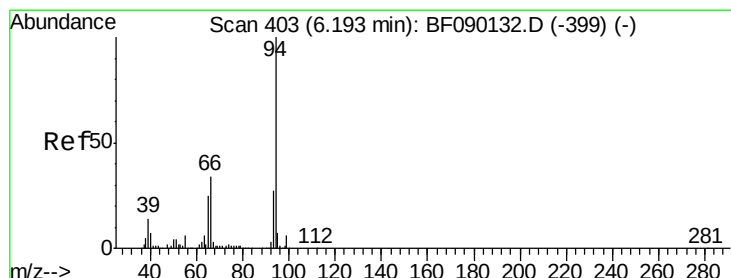
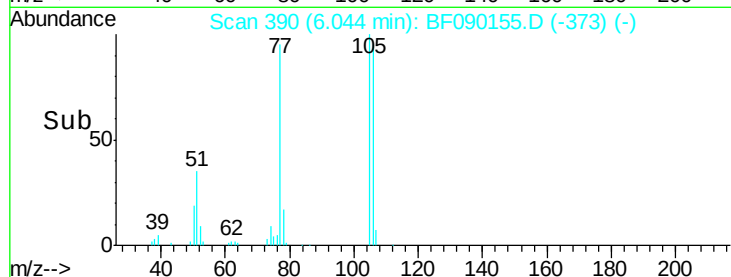
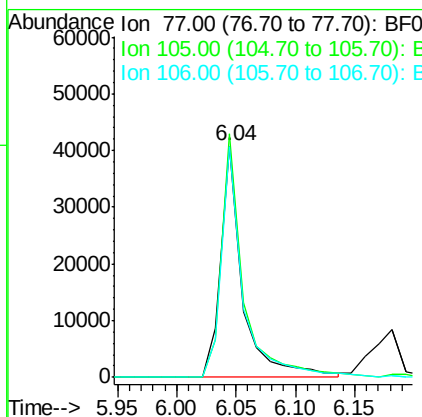
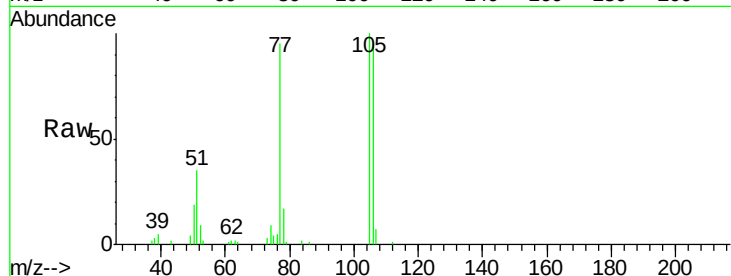
Tot Ion: 77 Resp: 51960

Ion Ratio Lower Upper

77 100

105 105.4 83.0 123.0

106 100.1 78.5 118.5



#10

Phenol

Concen: 45.46 ng

RT: 6.18 min Scan# 402

Delta R.T. -0.01 min

Lab File: BF090155.D

Acq: 21 Sep 2016 12:10

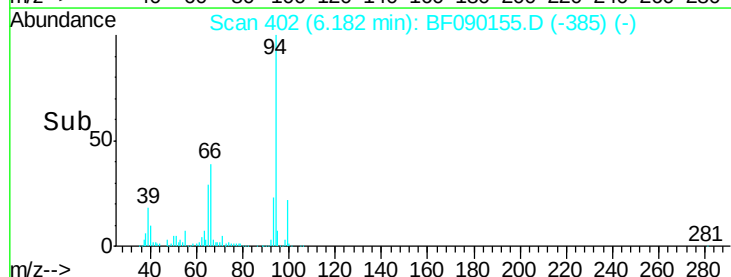
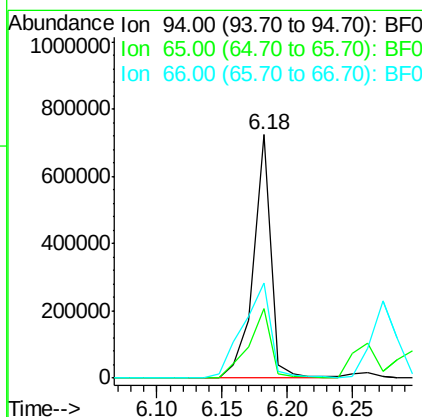
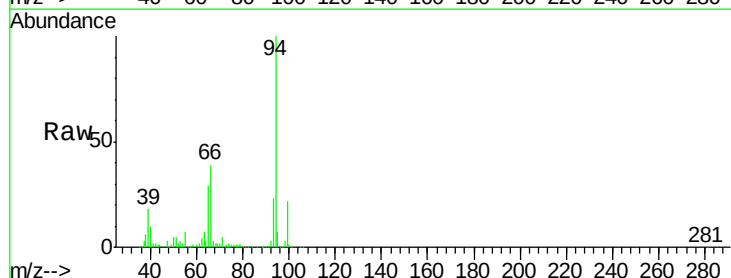
Tgt Ion: 94 Resp: 685241

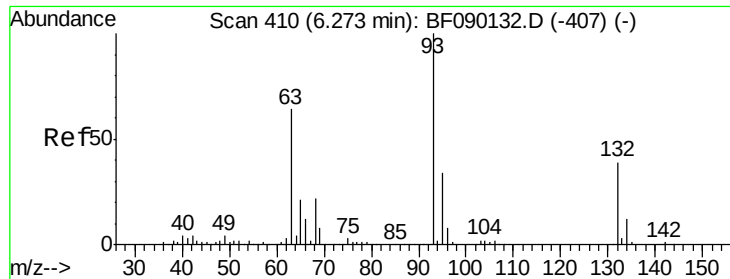
Ion Ratio Lower Upper

94 100

65 28.7 20.6 60.6

66 39.3 45.1 85.1#

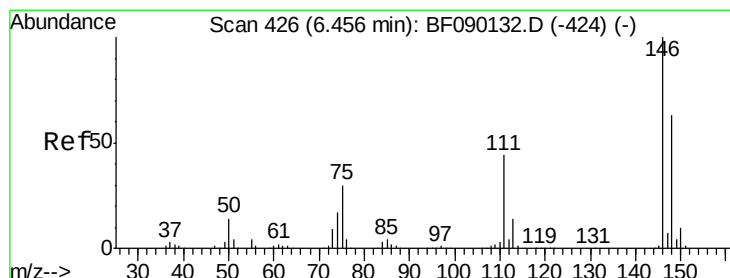
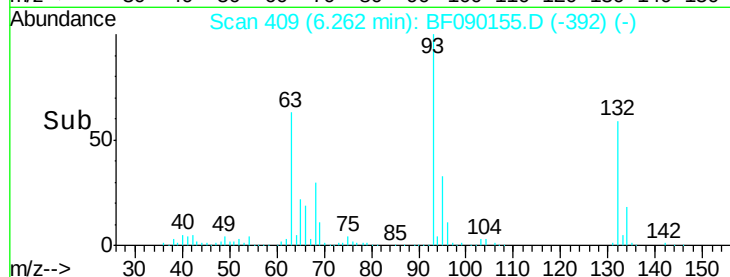
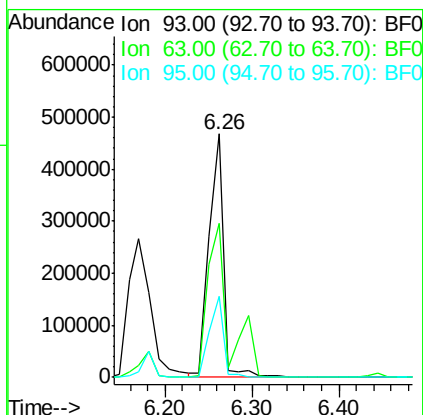
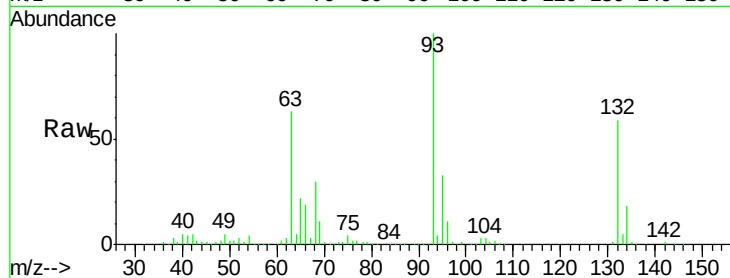




#11
bis(2-Chloroethyl)ether
Concen: 46.12 ng
RT: 6.26 min Scan# 409
Delta R.T. -0.01 min
Lab File: BF090155.D
Acq: 21 Sep 2016 12:10

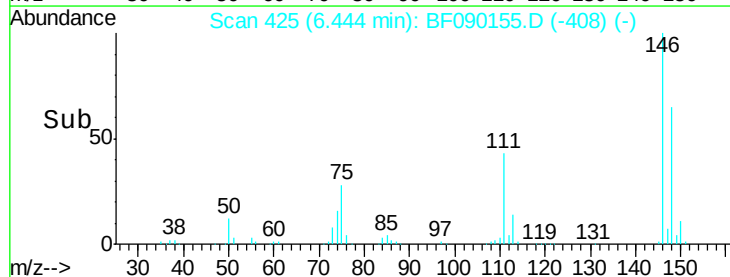
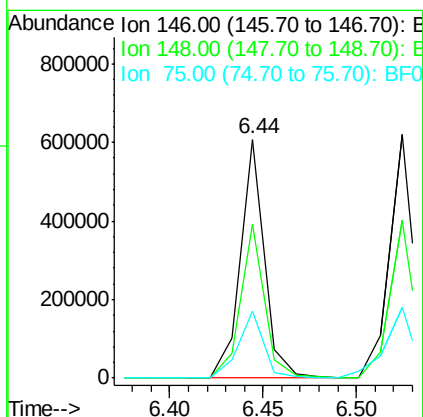
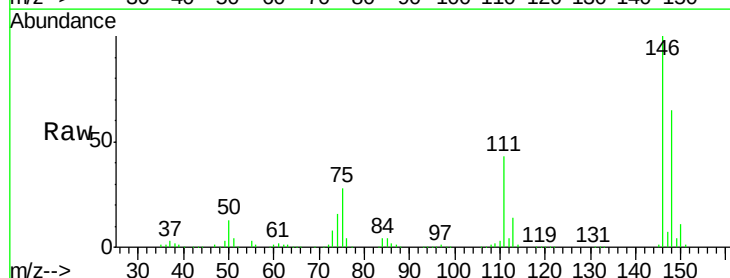
Instrument :
BNA_F
ClientSampleId :
PB93481BS

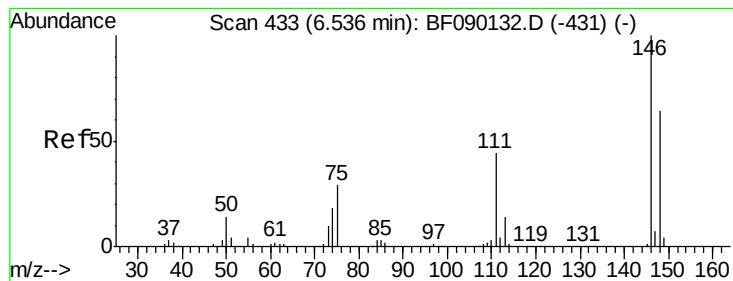
Tot Ion: 93 Resp: 542108
Ion Ratio Lower Upper
93 100
63 63.4 55.6 95.6
95 33.2 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 44.00 ng
RT: 6.44 min Scan# 425
Delta R.T. -0.01 min
Lab File: BF090155.D
Acq: 21 Sep 2016 12:10

Tgt Ion: 146 Resp: 546173
Ion Ratio Lower Upper
146 100
148 64.6 51.9 77.9
75 28.1 22.8 34.2





#13

1,4-Dichlorobenzene

Concen: 44.63 ng

RT: 6.52 min Scan# 432

Delta R.T. -0.01 min

Lab File: BF090155.D

Acq: 21 Sep 2016 12:10

Instrument :

BNA_F

ClientSampleId :

PB93481BS

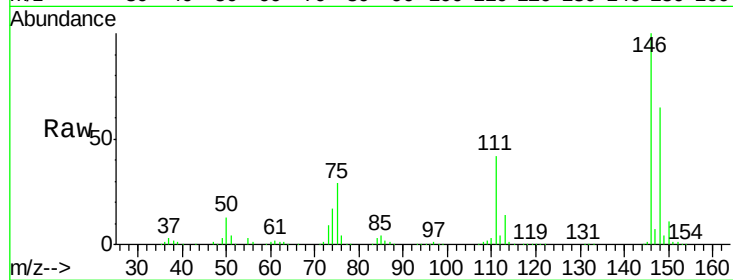
Tot Ion:146 Resp: 565572

Ion Ratio Lower Upper

146 100

148 64.8 52.0 78.0

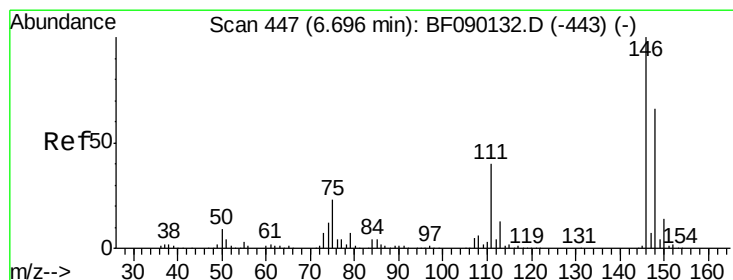
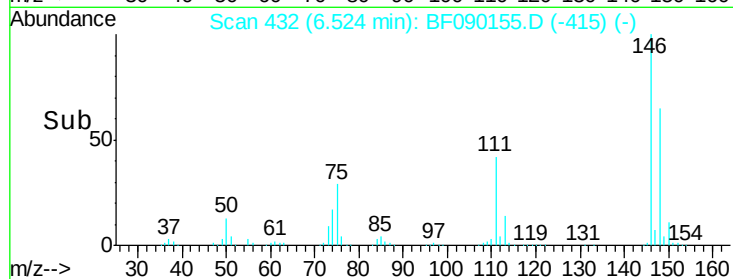
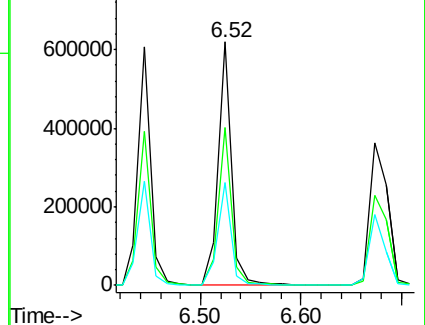
111 42.3 33.8 50.6



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: 39.73 ng

RT: 6.67 min Scan# 445

Delta R.T. -0.02 min

Lab File: BF090155.D

Acq: 21 Sep 2016 12:10

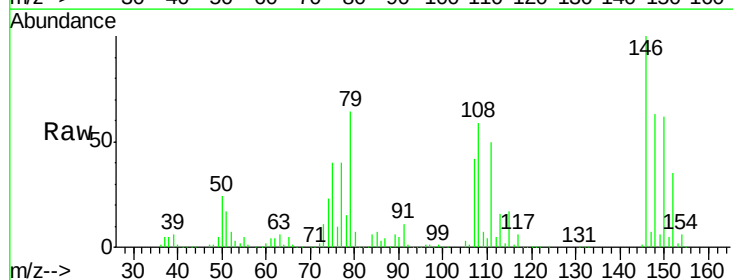
Tgt Ion:146 Resp: 448580

Ion Ratio Lower Upper

146 100

148 63.0 52.6 79.0

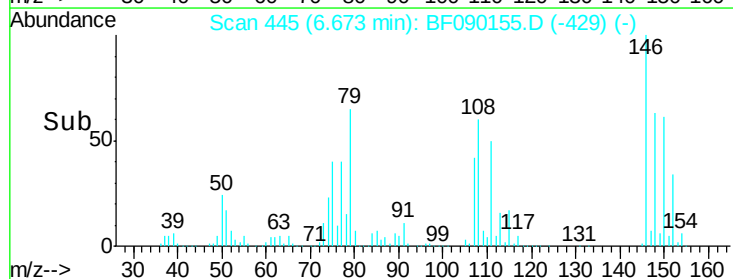
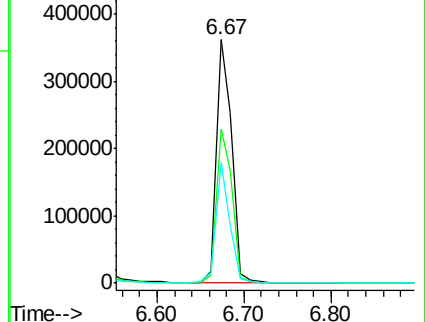
111 49.7 28.2 42.2#

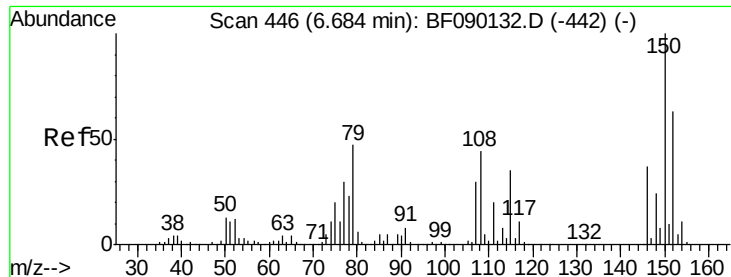


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

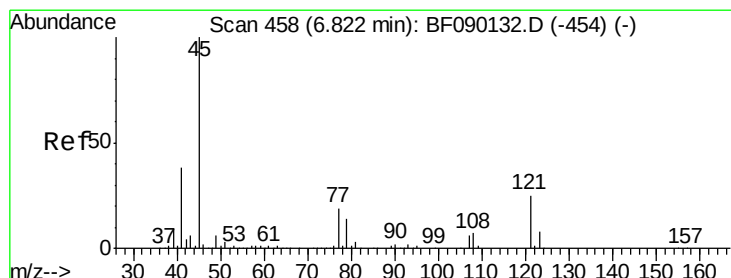
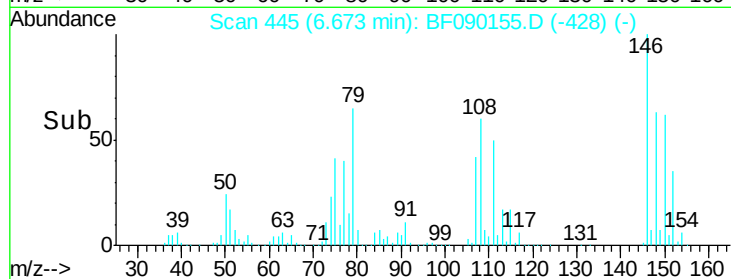
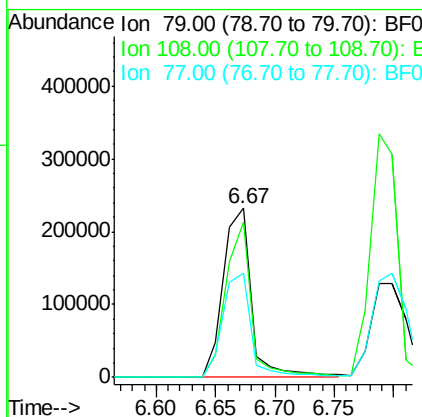
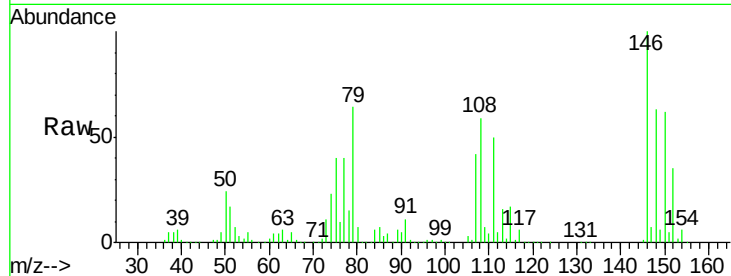




#15
Benzyl Alcohol
Concen: 50.64 ng
RT: 6.67 min Scan# 445
Delta R.T. -0.01 min
Lab File: BF090155.D
Acq: 21 Sep 2016 12:10

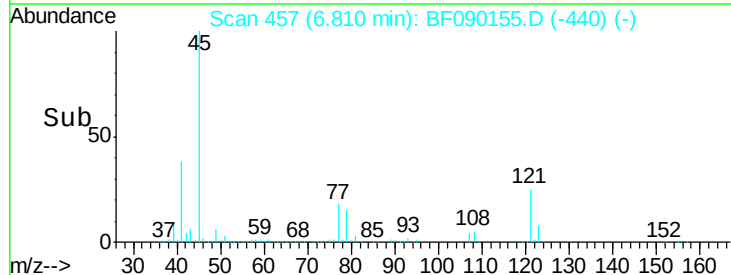
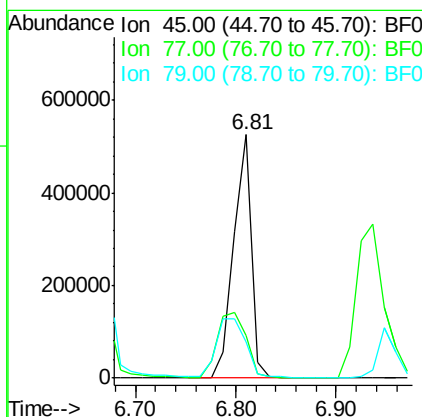
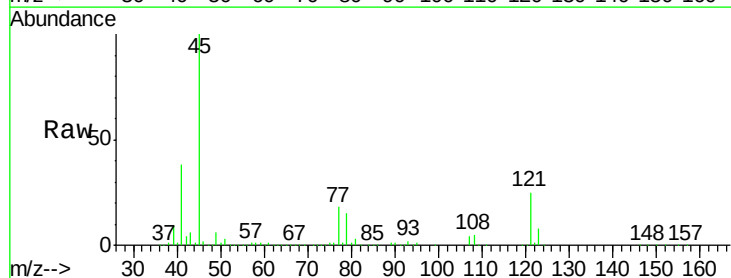
Instrument :
BNA_F
ClientSampleId :
PB93481BS

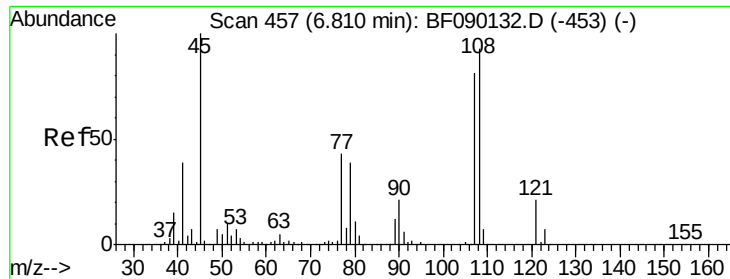
Tot Ion: 79 Resp: 385102
Ion Ratio Lower Upper
79 100
108 92.1 62.2 93.4
77 61.6 51.4 77.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.84 ng
RT: 6.81 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF090155.D
Acq: 21 Sep 2016 12:10

Tgt Ion: 45 Resp: 643984
Ion Ratio Lower Upper
45 100
77 17.7 0.5 40.5
79 15.1 0.0 37.0

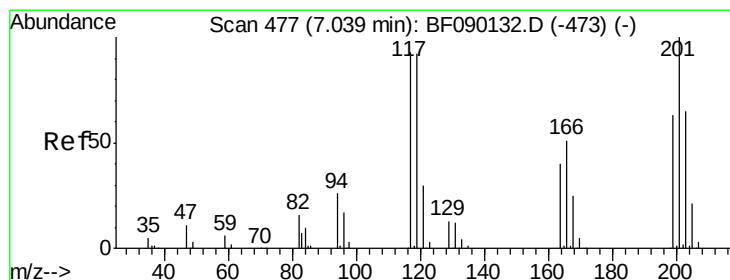
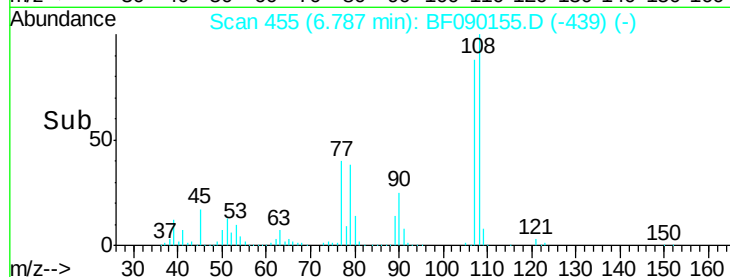
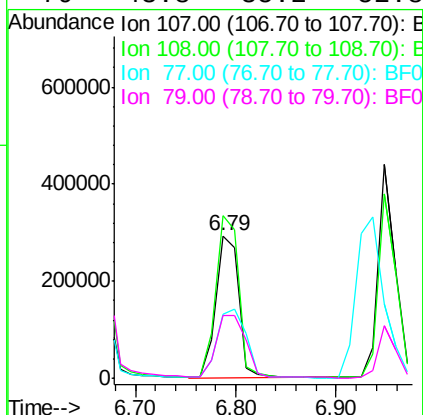
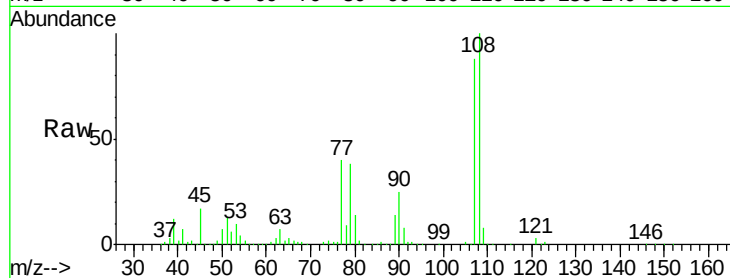




#17
2-Methylphenol
Concen: 49.73 ng
RT: 6.79 min Scan# 455
Delta R.T. -0.02 min
Lab File: BF090155.D
Acq: 21 Sep 2016 12:10

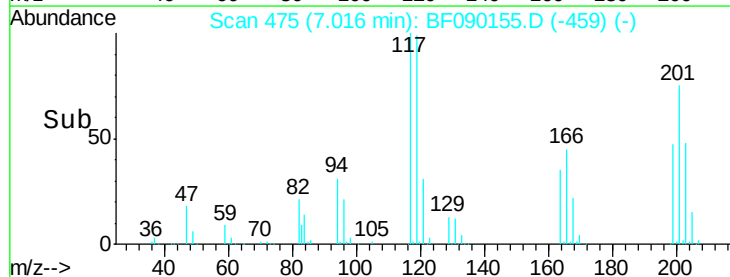
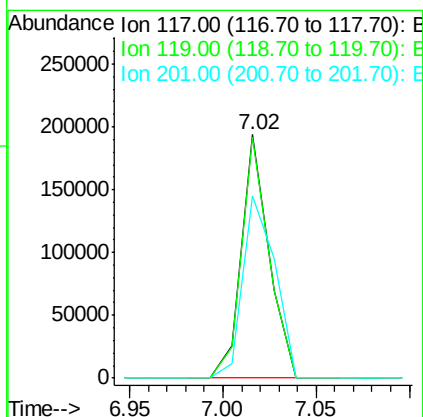
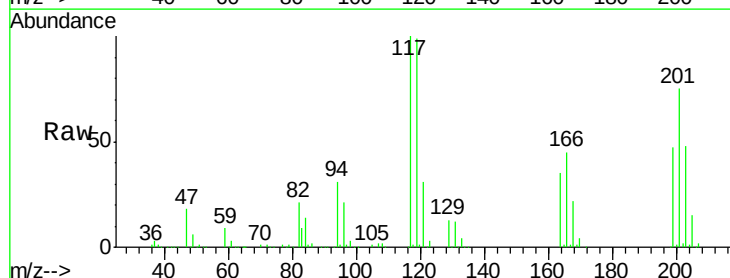
Instrument :
BNA_F
ClientSampleId :
PB93481BS

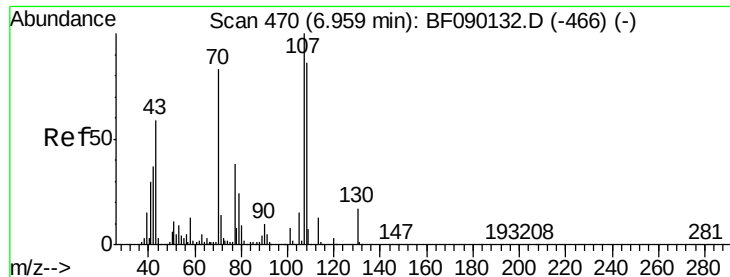
Tot Ion:	107	Resp:	465419
Ion	Ratio	Lower	Upper
107	100		
108	114.0	92.0	138.0
77	45.1	35.6	53.4
79	43.8	35.2	52.8



#18
Hexachloroethane
Concen: 44.02 ng
RT: 7.02 min Scan# 475
Delta R.T. -0.02 min
Lab File: BF090155.D
Acq: 21 Sep 2016 12:10

Tgt Ion:	117	Resp:	198958
Ion	Ratio	Lower	Upper
117	100		
119	98.9	76.6	115.0
201	74.7	55.5	83.3

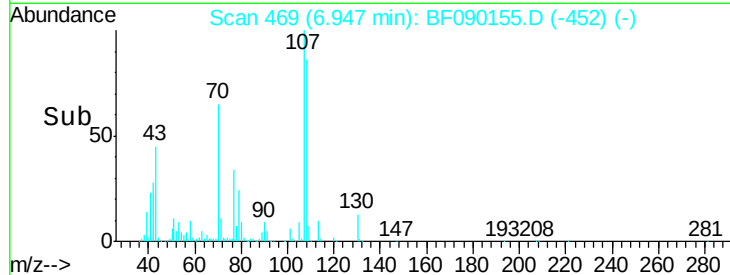
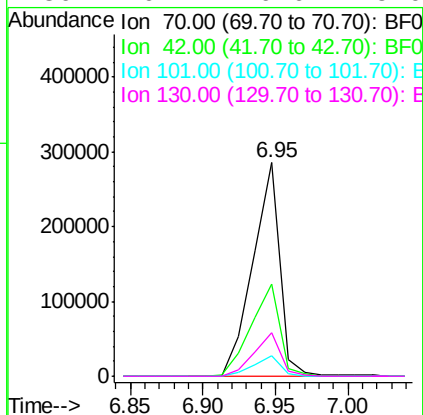
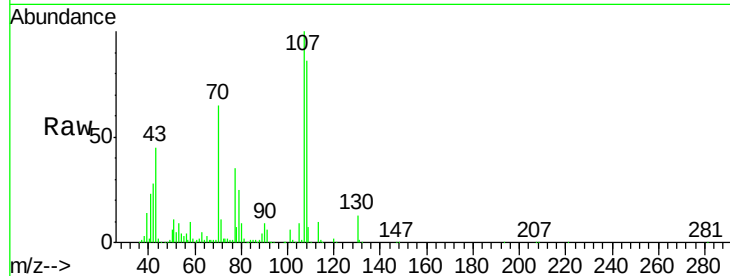




#19
n-Nitroso-di-n-propylamine
Concen: 49.20 ng
RT: 6.95 min Scan# 469
Delta R.T. -0.01 min
Lab File: BF090155.D
Acq: 21 Sep 2016 12:10

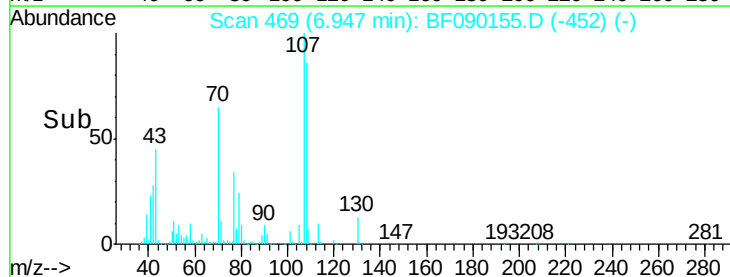
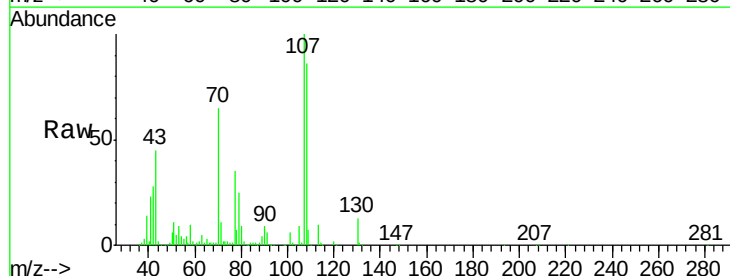
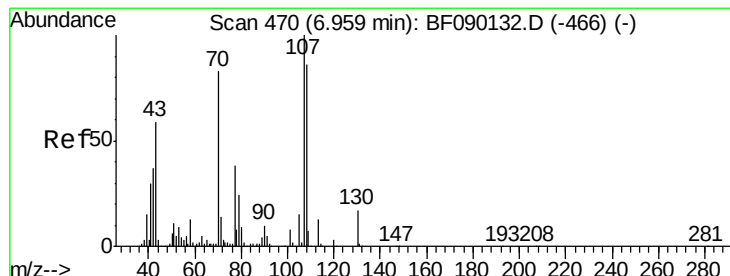
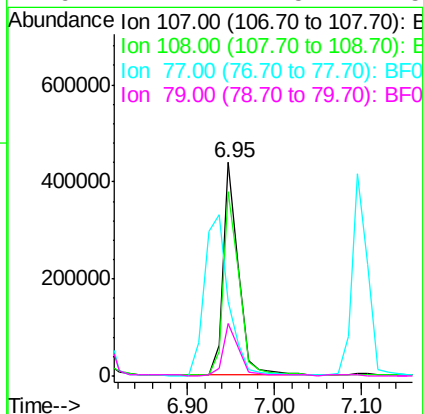
Instrument :
BNA_F
ClientSampleId :
PB93481BS

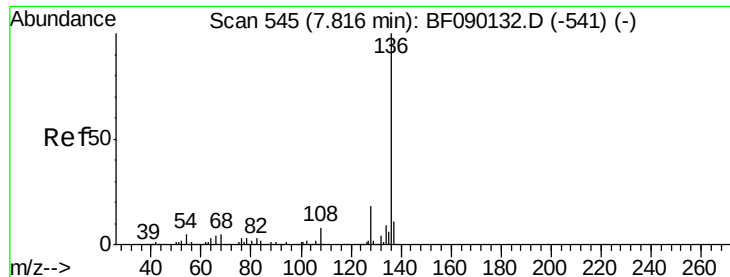
Tot Ion:	70	Resp:	368586
Ion	Ratio	Lower	Upper
70	100		
42	43.1	35.1	52.7
101	9.3	7.5	11.3
130	20.7	16.6	25.0



#20
3+4-Methylphenols
Concen: 48.26 ng
RT: 6.95 min Scan# 469
Delta R.T. -0.01 min
Lab File: BF090155.D
Acq: 21 Sep 2016 12:10

Tgt Ion:	107	Resp:	542157
Ion	Ratio	Lower	Upper
107	100		
108	86.2	73.3	113.3
77	34.7	14.1	54.1
79	24.7	7.5	47.5

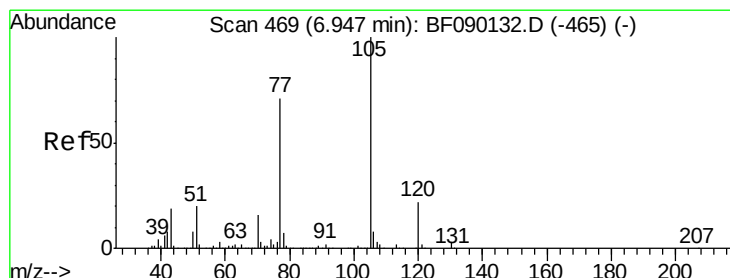
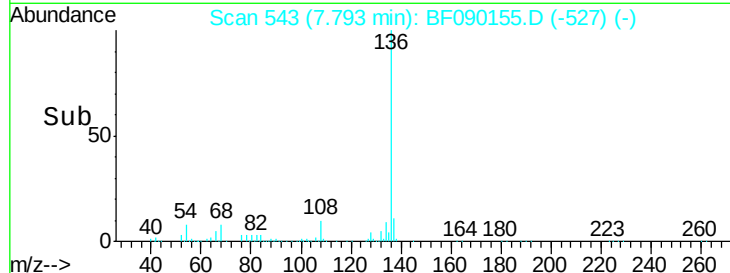
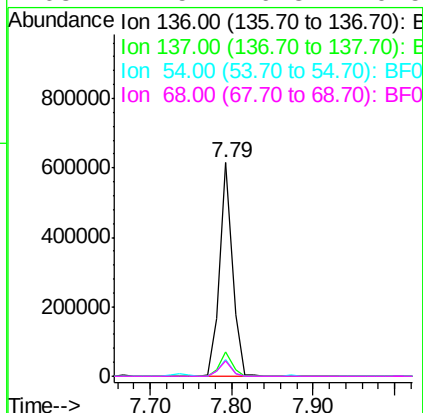
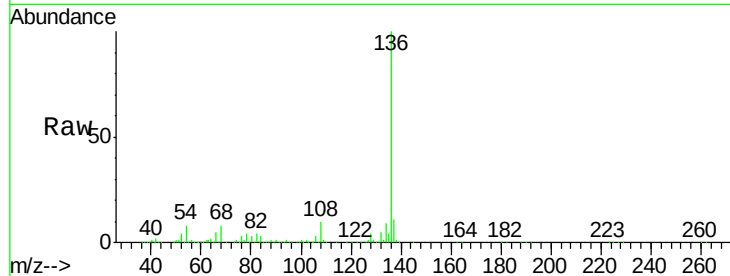




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.79 min Scan# 543
Delta R.T. -0.02 min
Lab File: BF090155.D
Acq: 21 Sep 2016 12:10

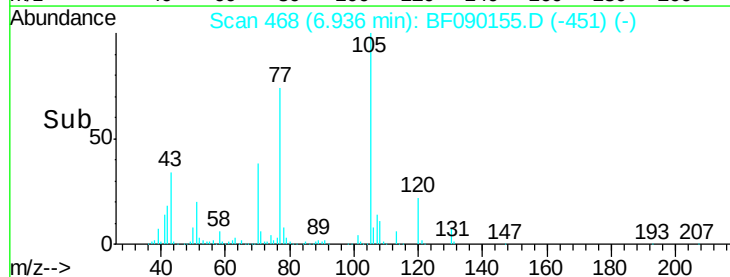
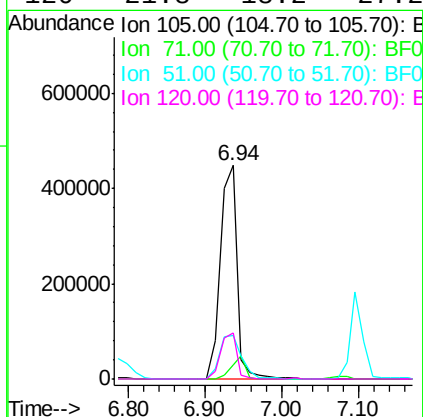
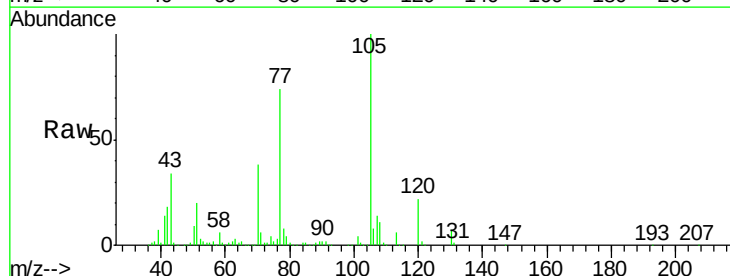
Instrument :
BNA_F
ClientSampleId :
PB93481BS

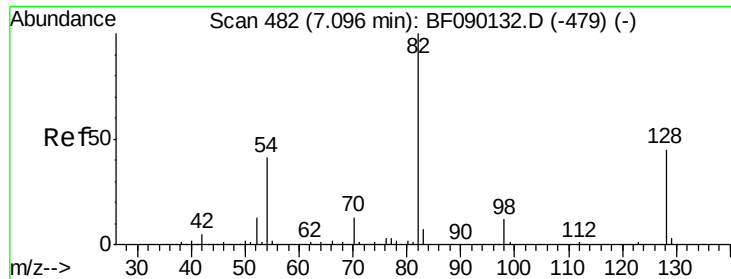
Tot Ion:136	Resp:	672403
Ion Ratio	Lower	Upper
136	100	
137	11.3	9.0 13.4
54	7.6	6.4 9.6
68	7.5	6.3 9.5



#22
Acetophenone
Concen: 42.67 ng
RT: 6.94 min Scan# 468
Delta R.T. -0.01 min
Lab File: BF090155.D
Acq: 21 Sep 2016 12:10

Tgt Ion:105	Resp:	691954
Ion Ratio	Lower	Upper
105	100	
71	6.3	4.1 6.1#
51	20.4	16.2 24.2
120	21.8	18.2 27.2

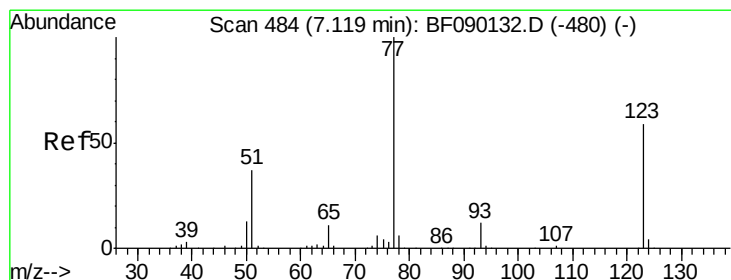
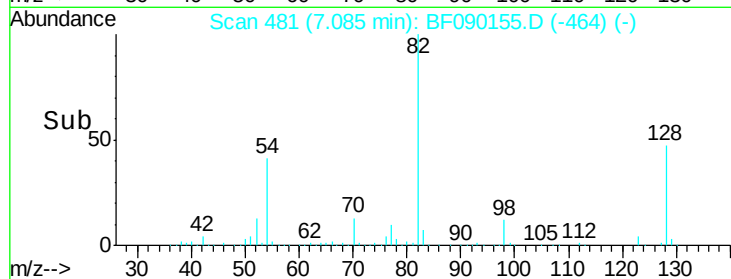
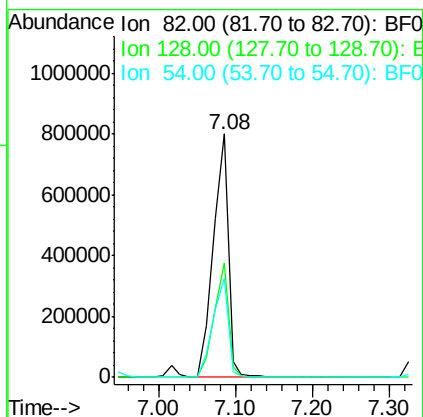
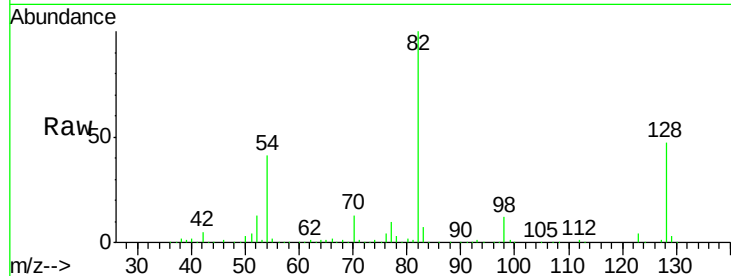




#23
 Nitrobenzene-d5
 Concen: 93.75 ng
 RT: 7.08 min Scan# 481
 Delta R.T. -0.01 min
 Lab File: BF090155.D
 Acq: 21 Sep 2016 12:10

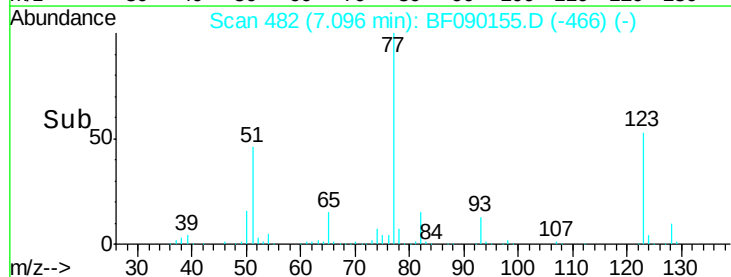
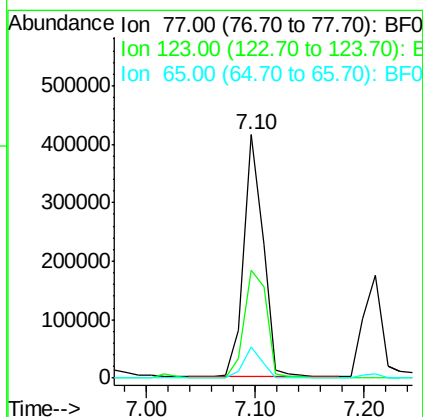
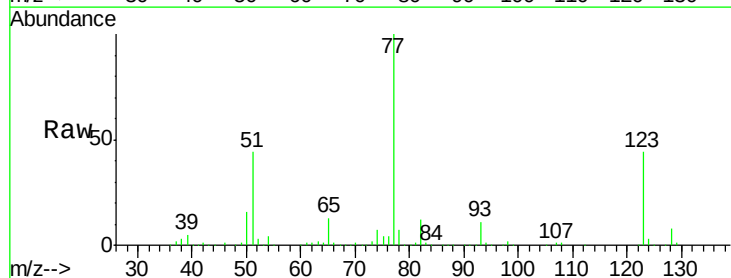
Instrument :
 BNA_F
 ClientSampleId :
 PB93481BS

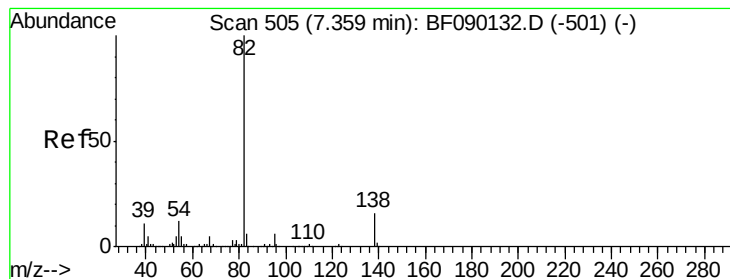
Tot Ion: 82 Resp: 1087468
 Ion Ratio Lower Upper
 82 100
 128 46.9 37.5 56.3
 54 40.8 31.9 47.9



#24
 Nitrobenzene
 Concen: 42.34 ng
 RT: 7.10 min Scan# 482
 Delta R.T. -0.02 min
 Lab File: BF090155.D
 Acq: 21 Sep 2016 12:10

Tgt Ion: 77 Resp: 511775
 Ion Ratio Lower Upper
 77 100
 123 44.3 33.4 50.2
 65 12.7 10.1 15.1





#25

Isophorone

Concen: 44.83 ng

RT: 7.35 min Scan# 504

Delta R.T. -0.01 min

Lab File: BF090155.D

Acq: 21 Sep 2016 12:10

Instrument :

BNA_F

ClientSampleId :

PB93481BS

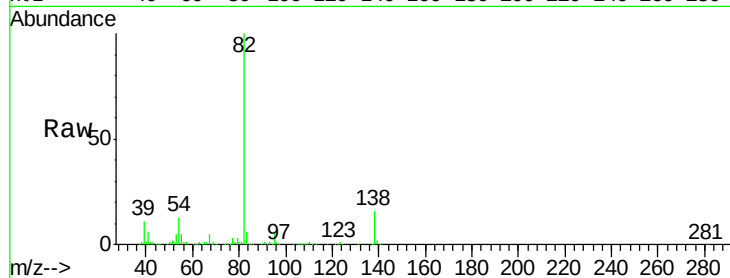
Tot Ion: 82 Resp: 1086421

Ion Ratio Lower Upper

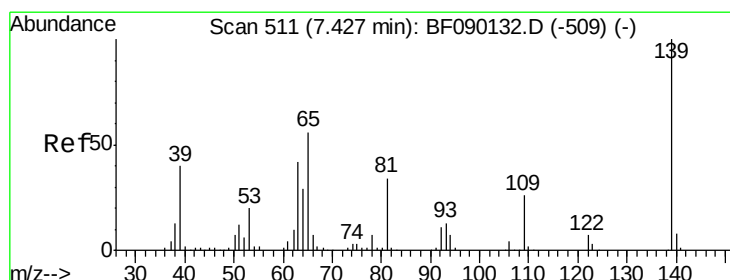
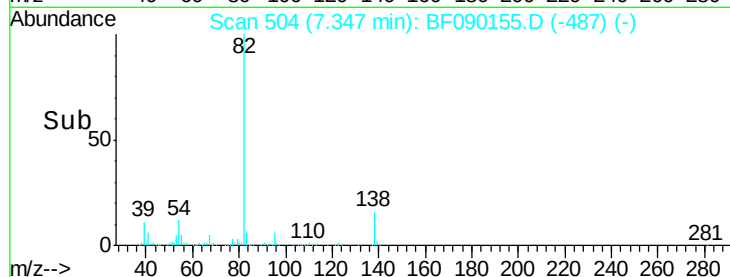
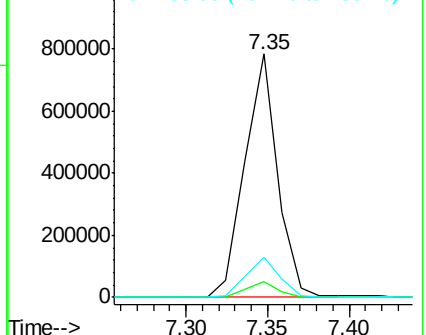
82 100

95 6.5 5.1 7.7

138 16.3 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: 45.99 ng

RT: 7.42 min Scan# 510

Delta R.T. -0.01 min

Lab File: BF090155.D

Acq: 21 Sep 2016 12:10

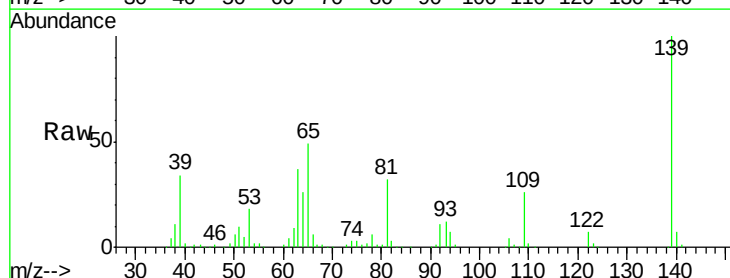
Tgt Ion: 139 Resp: 273712

Ion Ratio Lower Upper

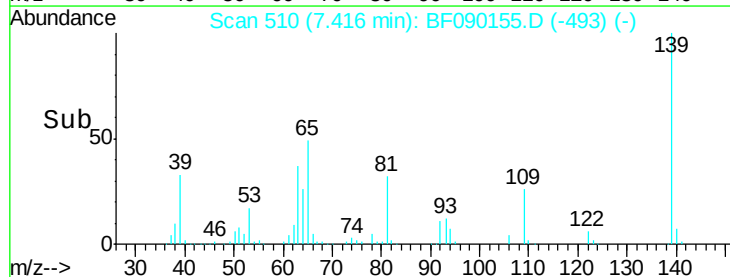
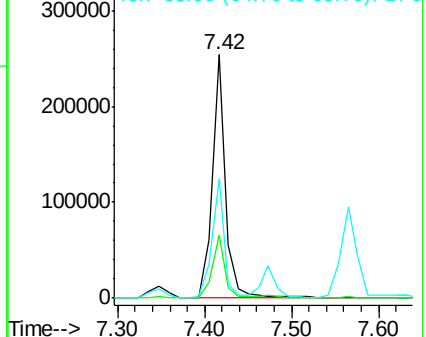
139 100

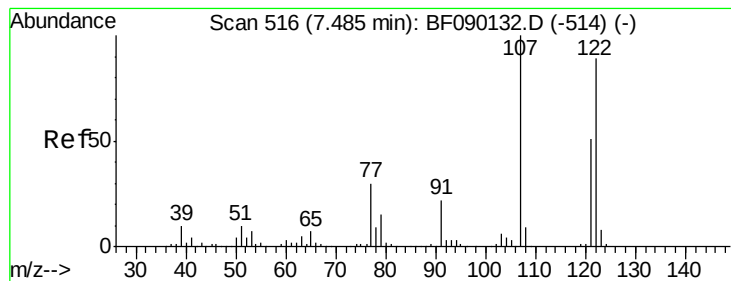
109 25.8 20.5 30.7

65 49.2 37.9 56.9



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





#27

2,4-Dimethylphenol

Concen: 42.37 ng

RT: 7.47 min Scan# 515

Delta R.T. -0.01 min

Lab File: BF090155.D

Acq: 21 Sep 2016 12:10

Instrument :

BNA_F

ClientSampleId :

PB93481BS

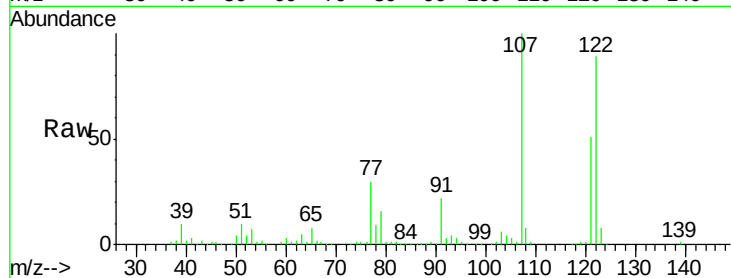
Tot Ion:122 Resp: 447955

Ion Ratio Lower Upper

122 100

107 112.9 87.8 131.6

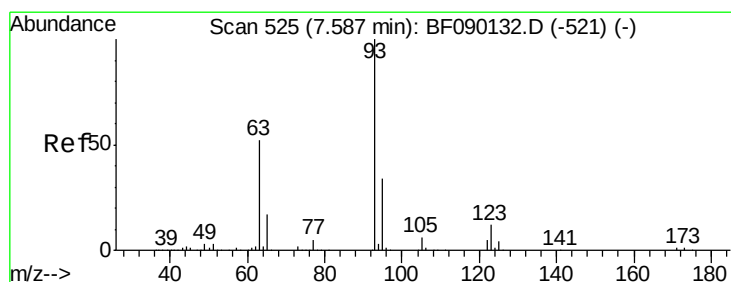
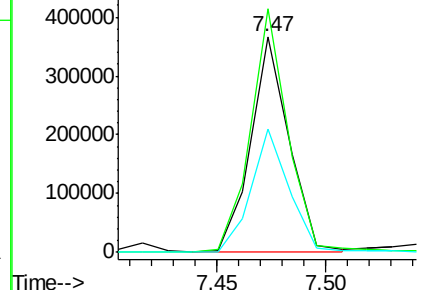
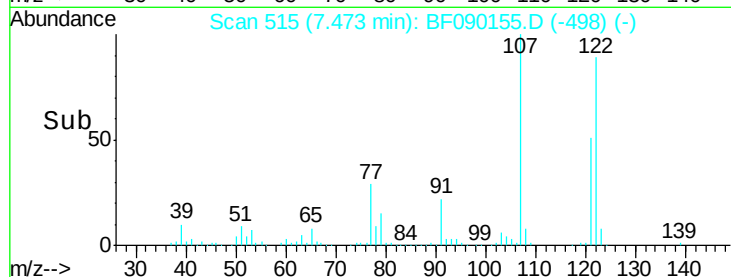
121 57.2 45.7 68.5



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: 44.30 ng

RT: 7.56 min Scan# 523

Delta R.T. -0.02 min

Lab File: BF090155.D

Acq: 21 Sep 2016 12:10

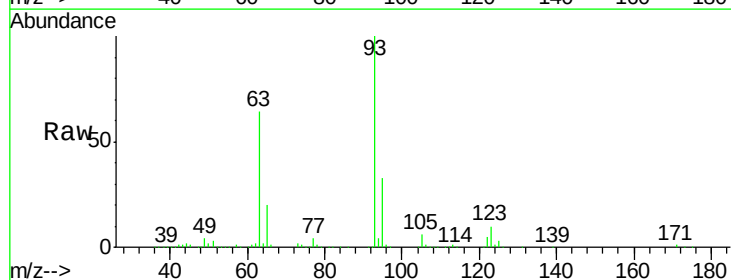
Tgt Ion: 93 Resp: 649350

Ion Ratio Lower Upper

93 100

95 33.0 26.8 40.2

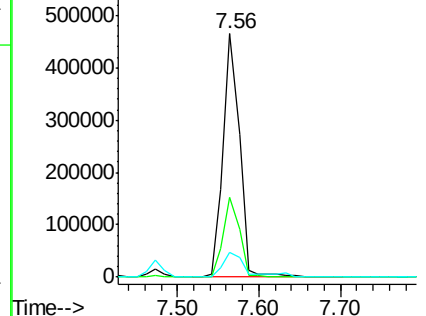
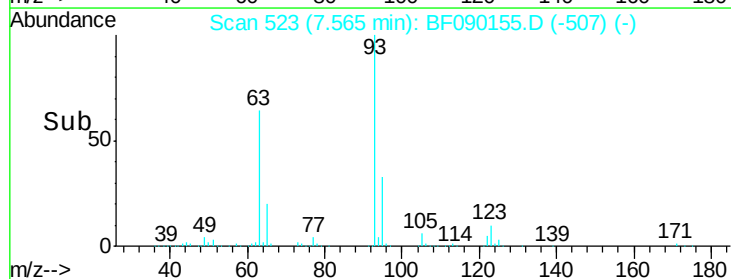
123 10.4 8.5 12.7

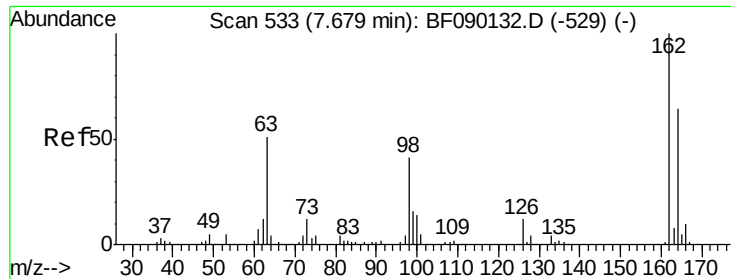


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

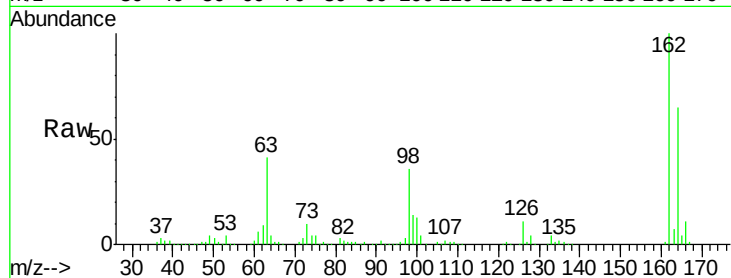




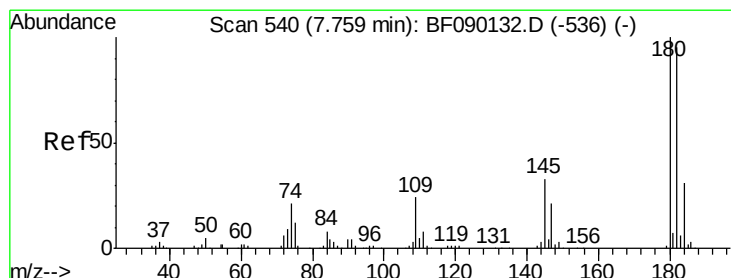
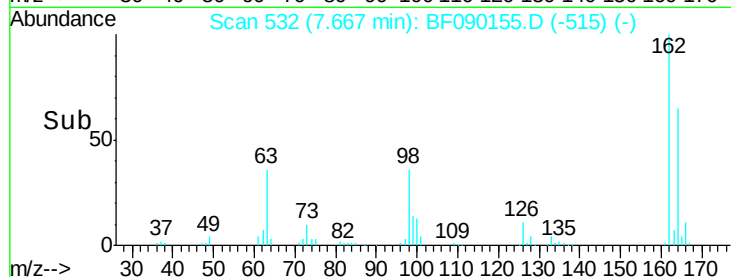
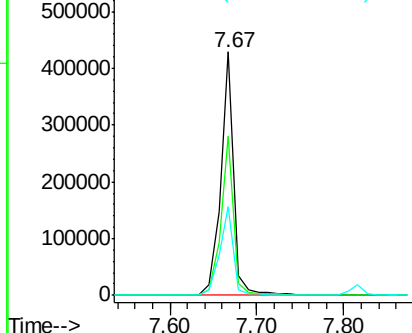
#29
 2,4-Dichlorophenol
 Concen: 48.72 ng
 RT: 7.67 min Scan# 532
 Delta R.T. -0.01 min
 Lab File: BF090155.D
 Acq: 21 Sep 2016 12:10

Instrument :
 BNA_F
 ClientSampleId :
 PB93481BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.3	46.2	86.2
98	36.2	10.4	50.4

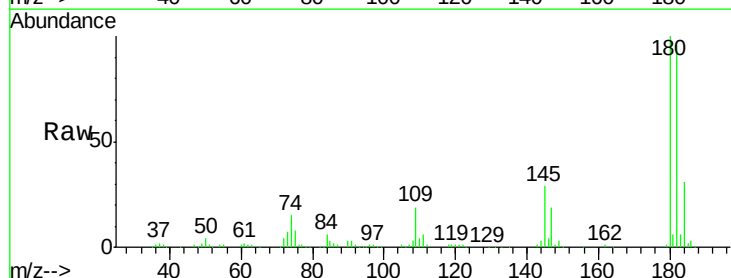


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

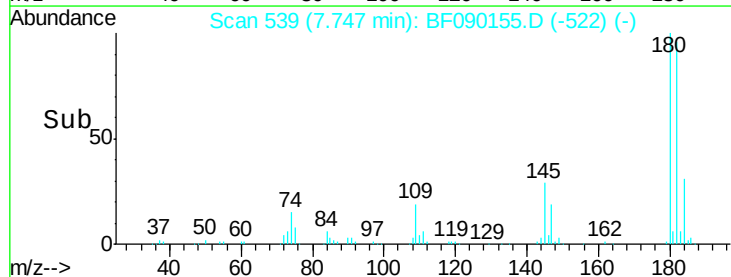
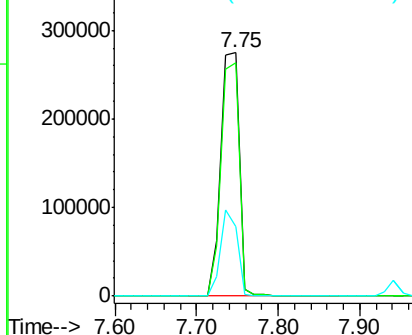


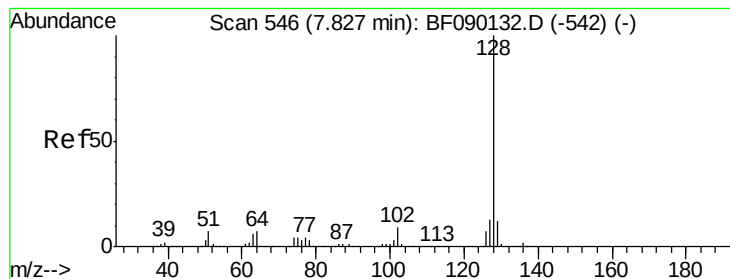
#30
 1,2,4-Trichlorobenzene
 Concen: 46.24 ng
 RT: 7.75 min Scan# 539
 Delta R.T. -0.01 min
 Lab File: BF090155.D
 Acq: 21 Sep 2016 12:10

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	75.0	112.6
145	28.5	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: 45.37 ng

RT: 7.82 min Scan# 545

Delta R.T. -0.01 min

Lab File: BF090155.D

Acq: 21 Sep 2016 12:10

Instrument :

BNA_F

ClientSampleId :

PB93481BS

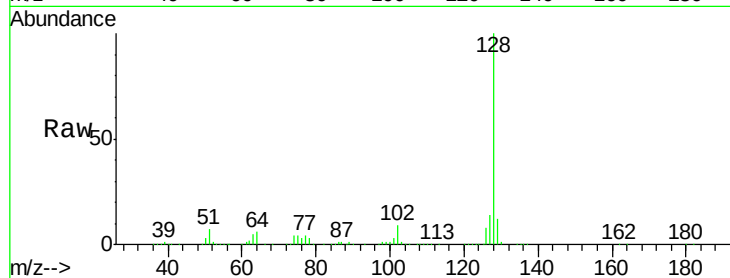
Tot Ion:128 Resp: 1452685

Ion Ratio Lower Upper

128 100

129 11.6 9.3 13.9

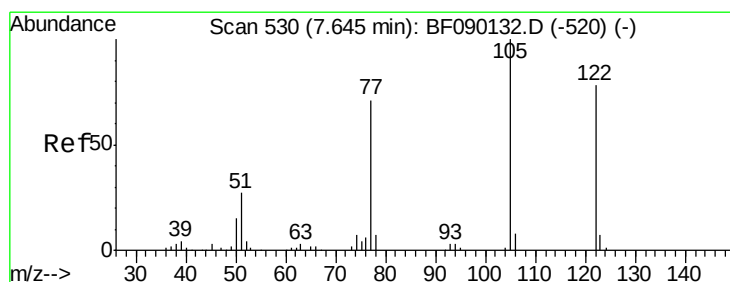
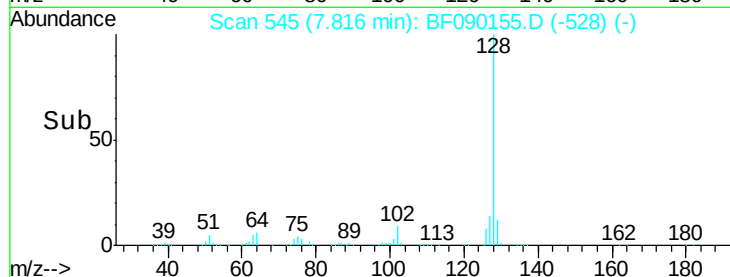
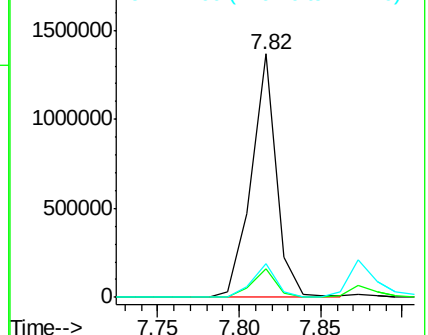
127 13.6 10.8 16.2



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: 39.03 ng

RT: 7.63 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF090155.D

Acq: 21 Sep 2016 12:10

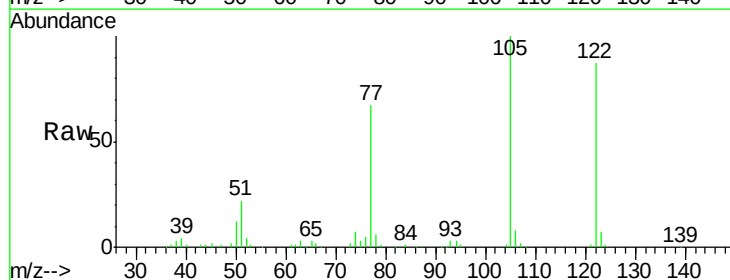
Tgt Ion:122 Resp: 283340

Ion Ratio Lower Upper

122 100

105 115.1 105.0 145.0

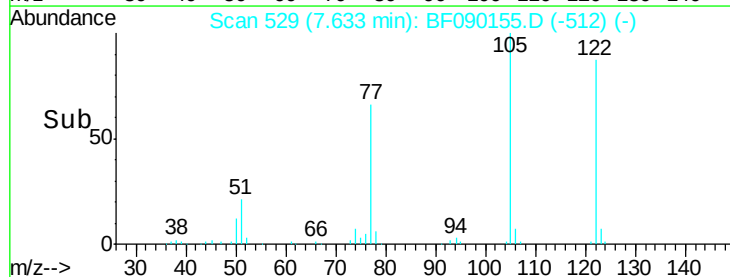
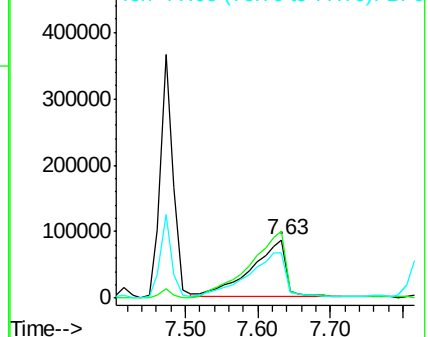
77 77.3 70.4 110.4

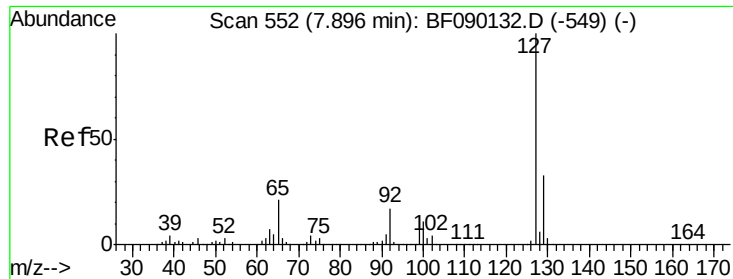


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

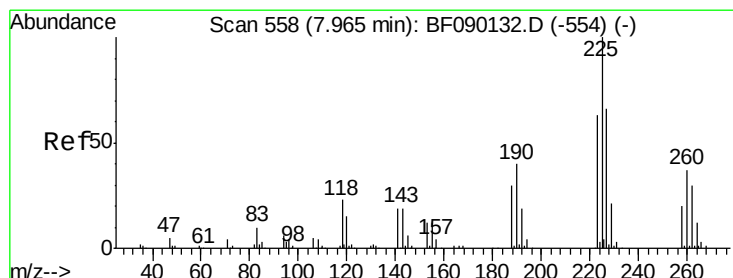
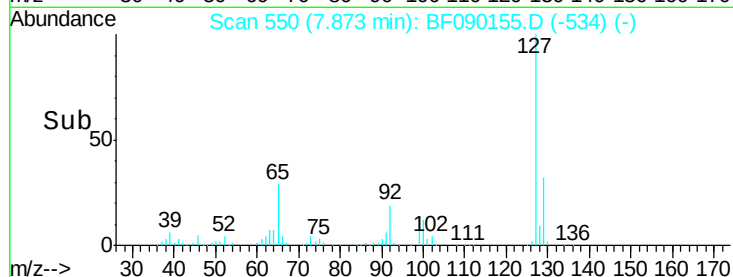
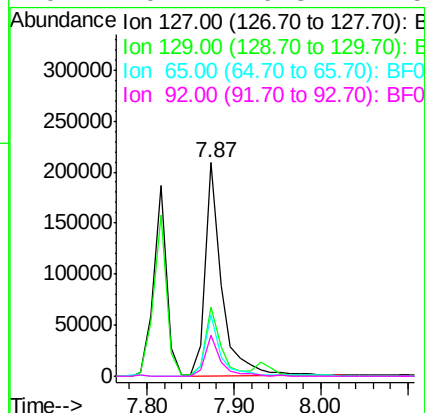
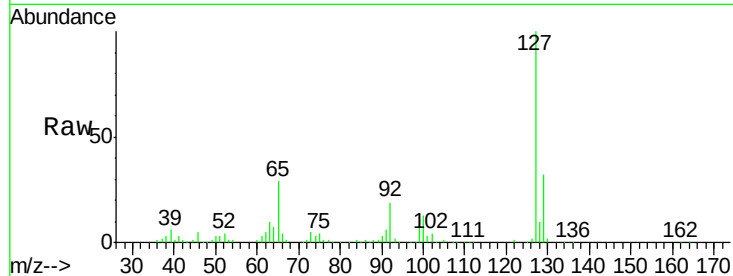




#33
4-Chloroaniline
Concen: 20.65 ng
RT: 7.87 min Scan# 550
Delta R.T. -0.02 min
Lab File: BF090155.D
Acq: 21 Sep 2016 12:10

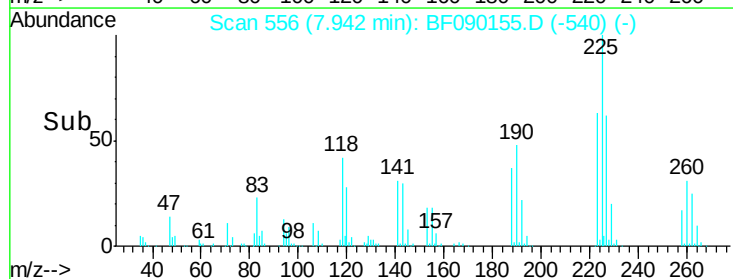
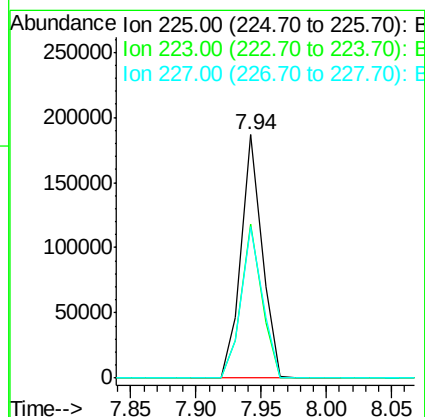
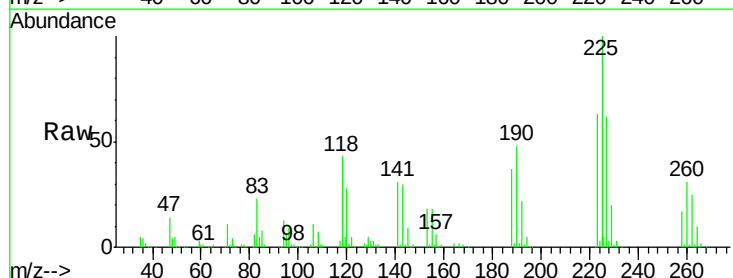
Instrument :
BNA_F
ClientSampleId :
PB93481BS

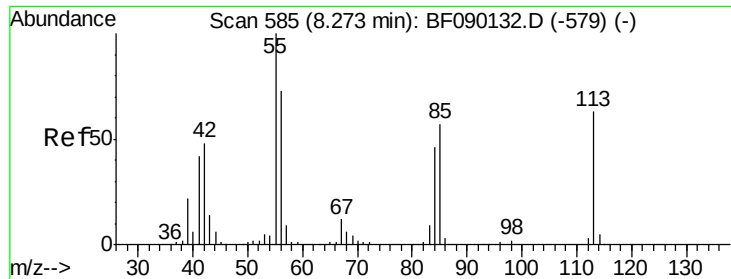
Tot Ion:	127	Resp:	274190
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.8	38.6
65	28.9	24.1	36.1
92	19.2	16.3	24.5



#34
Hexachlorobutadiene
Concen: 42.77 ng
RT: 7.94 min Scan# 556
Delta R.T. -0.02 min
Lab File: BF090155.D
Acq: 21 Sep 2016 12:10

Tgt Ion:	225	Resp:	209027
Ion	Ratio	Lower	Upper
225	100		
223	63.4	51.3	76.9
227	62.3	51.4	77.0





#35

Caprolactam

Concen: 50.43 ng/mL

RT: 8.26 min Scan# 584

Delta R.T. -0.01 min

Lab File: BF090155.D

Acq: 21 Sep 2016 12:10

Instrument :

BNA_F

ClientSampleId :

PB93481BS

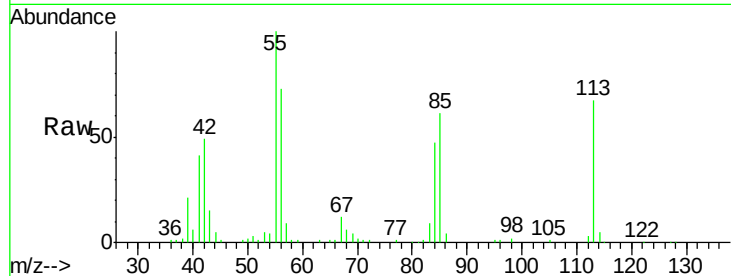
Tot Ion:113 Resp: 154804

Ion Ratio Lower Upper

113 100

55 148.3 134.5 174.5

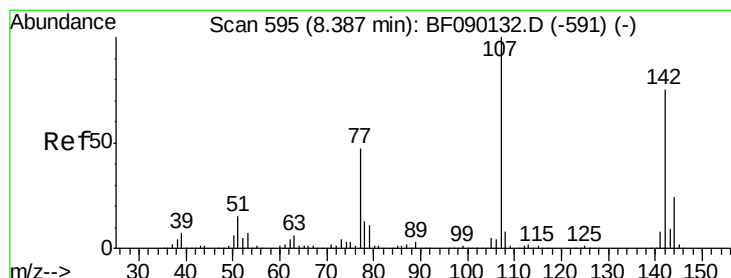
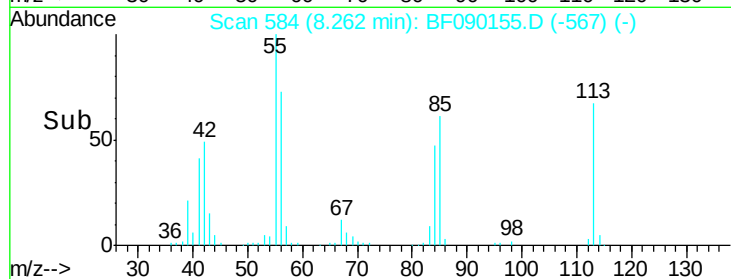
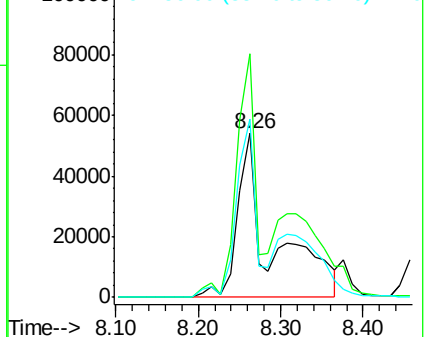
56 108.4 93.7 133.7



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: 45.32 ng/mL

RT: 8.38 min Scan# 594

Delta R.T. -0.01 min

Lab File: BF090155.D

Acq: 21 Sep 2016 12:10

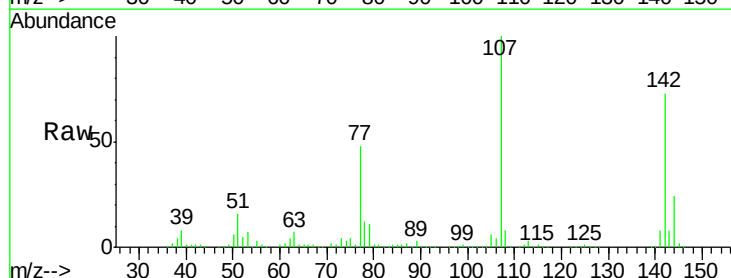
Tgt Ion:107 Resp: 474997

Ion Ratio Lower Upper

107 100

144 23.5 18.6 27.8

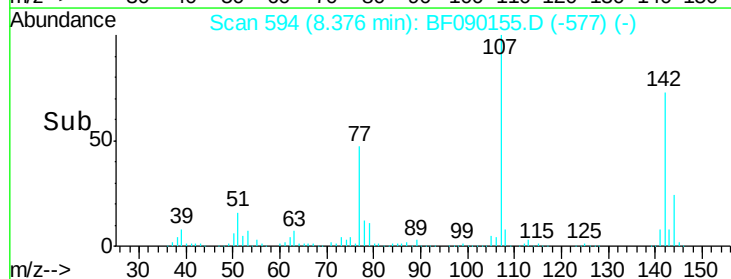
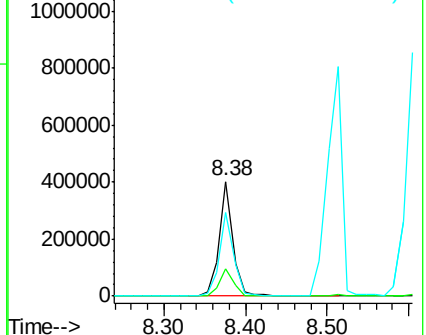
142 73.3 57.0 85.6

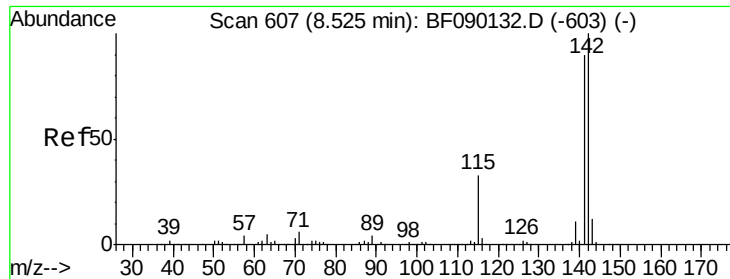


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

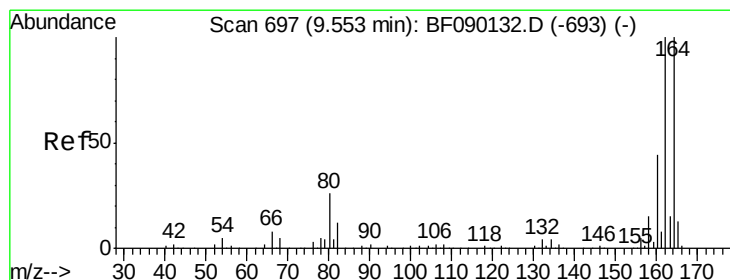
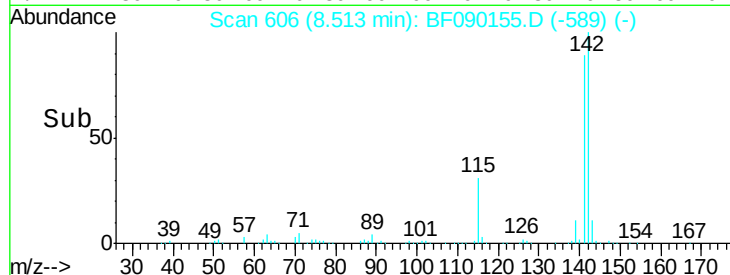
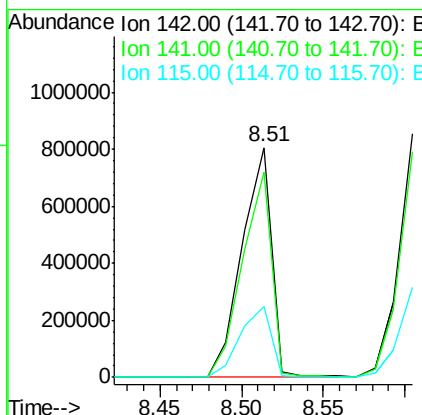
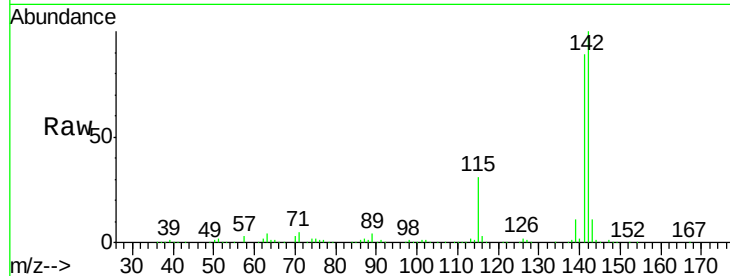




#37
 2-Methylnaphthalene
 Concen: 50.78 ng
 RT: 8.51 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF090155.D
 Acq: 21 Sep 2016 12:10

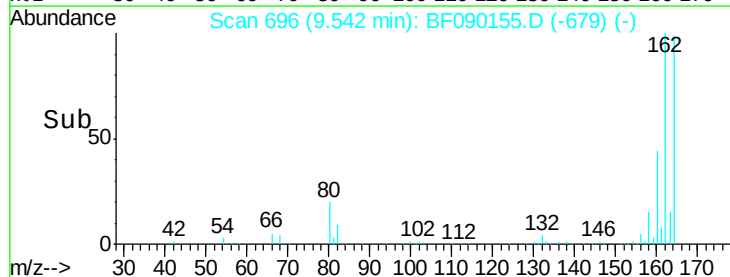
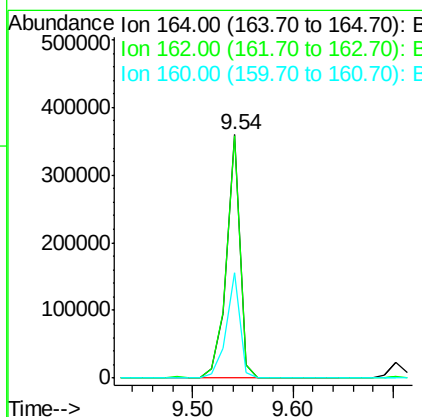
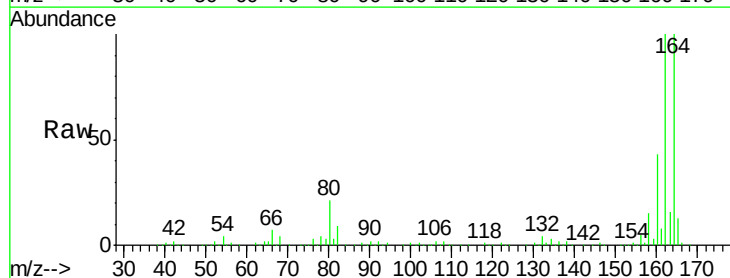
Instrument :
 BNA_F
 ClientSampled :
 PB93481BS

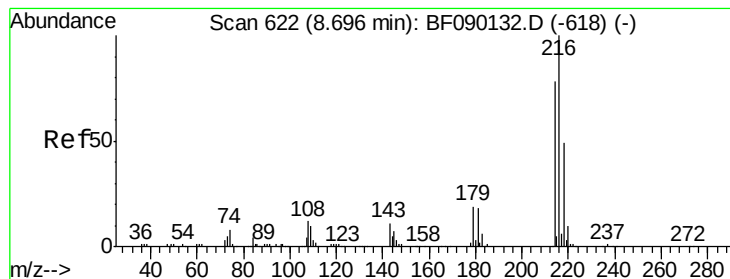
Tot Ion:142 Resp: 1011086
 Ion Ratio Lower Upper
 142 100
 141 88.9 71.4 107.2
 115 30.9 28.3 42.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.54 min Scan# 696
 Delta R.T. -0.01 min
 Lab File: BF090155.D
 Acq: 21 Sep 2016 12:10

Tgt Ion:164 Resp: 337787
 Ion Ratio Lower Upper
 164 100
 162 99.6 81.4 122.2
 160 43.4 36.6 54.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.98 ng

RT: 8.67 min Scan# 620

Delta R.T. -0.02 min

Lab File: BF090155.D

Acq: 21 Sep 2016 12:10

Instrument :

BNA_F

ClientSampleId :

PB93481BS

Tot Ion:216 Resp: 294449

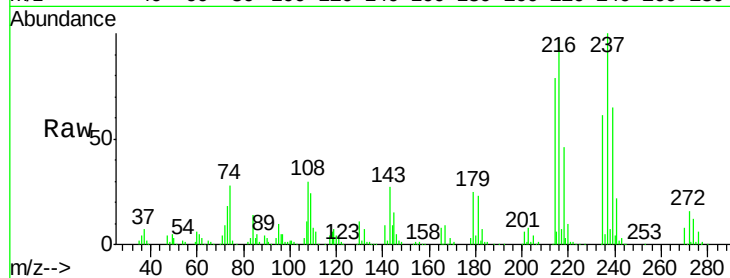
Ion Ratio Lower Upper

216 100

214 79.3 63.7 95.5

179 21.9 18.5 27.7

108 26.1 19.5 29.3

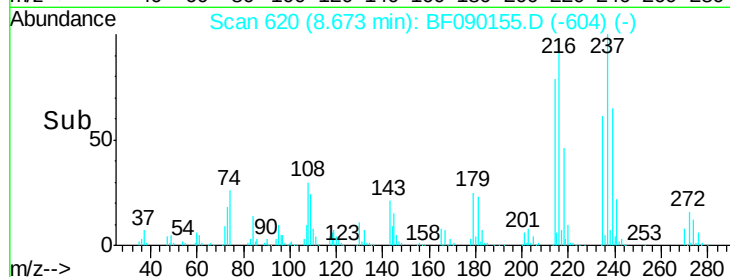


Abundance Ion 216.00 (215.70 to 216.70): E

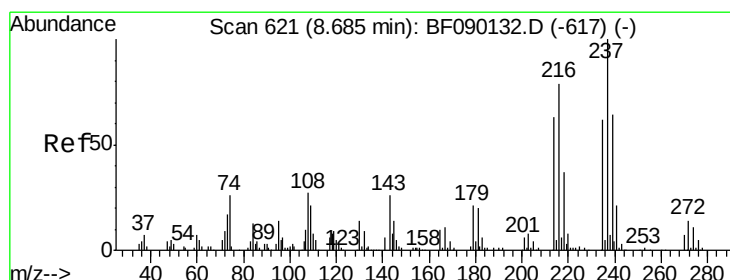
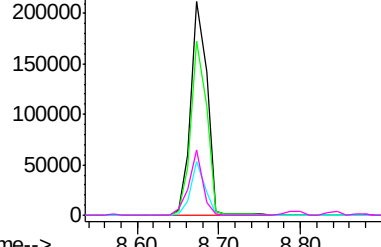
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 97.88 ng

RT: 8.66 min Scan# 619

Delta R.T. -0.02 min

Lab File: BF090155.D

Acq: 21 Sep 2016 12:10

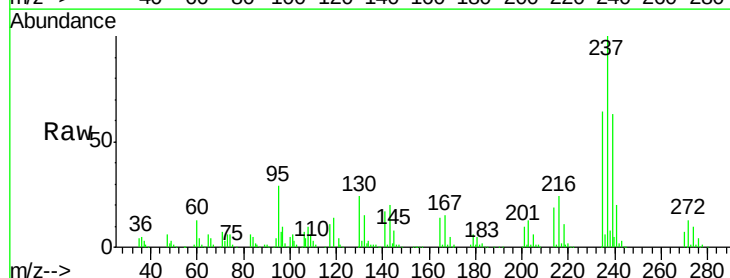
Tgt Ion:237 Resp: 374489

Ion Ratio Lower Upper

237 100

235 63.7 42.5 82.5

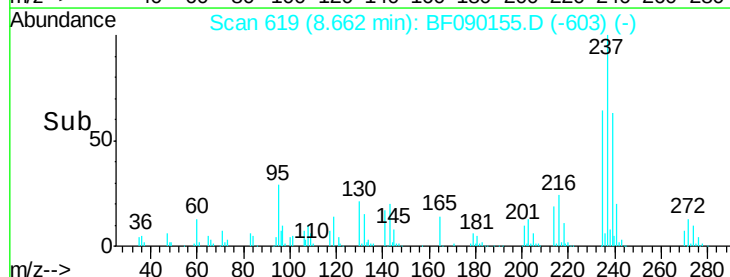
272 12.6 0.0 32.0



Abundance Ion 236.80 (236.50 to 237.50): E

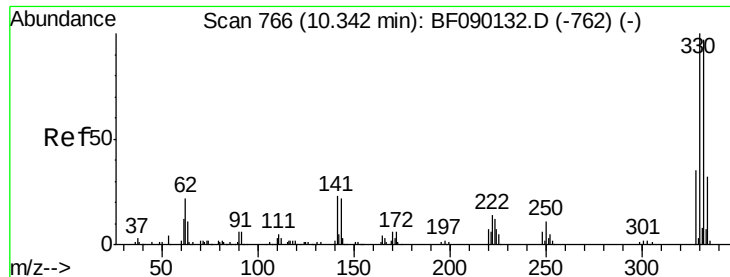
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

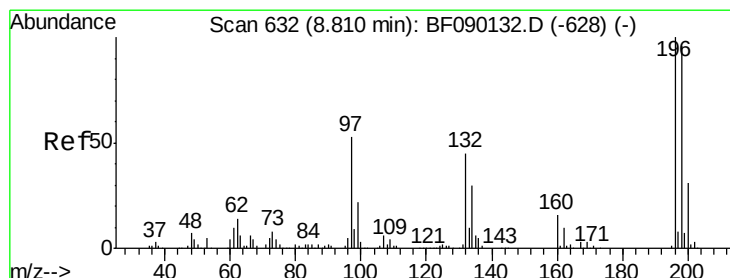
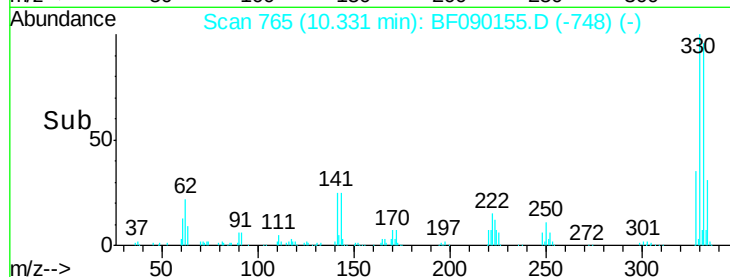
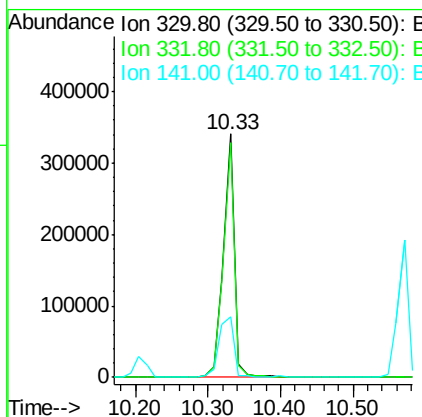
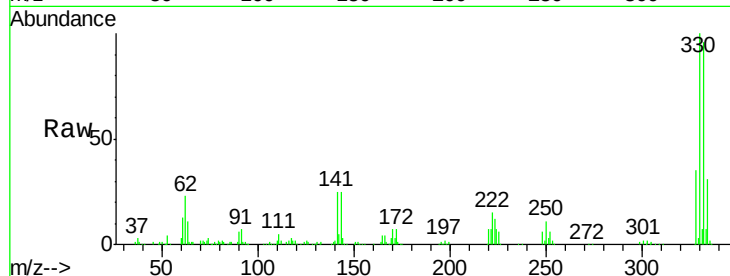




#41
 2,4,6-Tribromophenol
 Concen: 125.67 ng
 RT: 10.33 min Scan# 765
 Delta R.T. -0.01 min
 Lab File: BF090155.D
 Acq: 21 Sep 2016 12:10

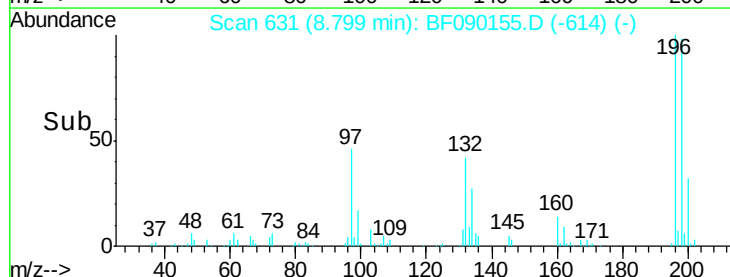
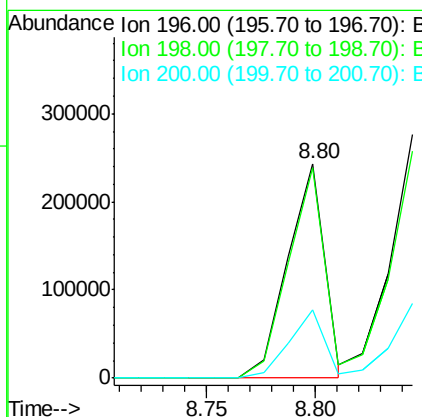
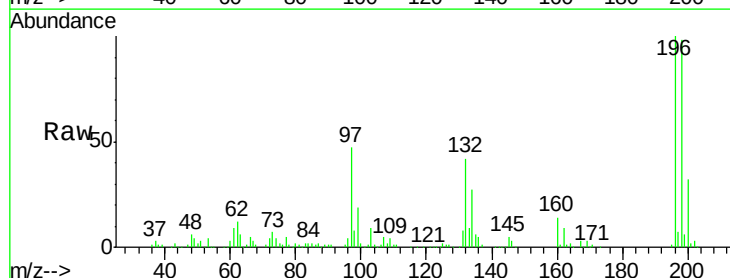
Instrument :
 BNA_F
 ClientSampleId :
 PB93481BS

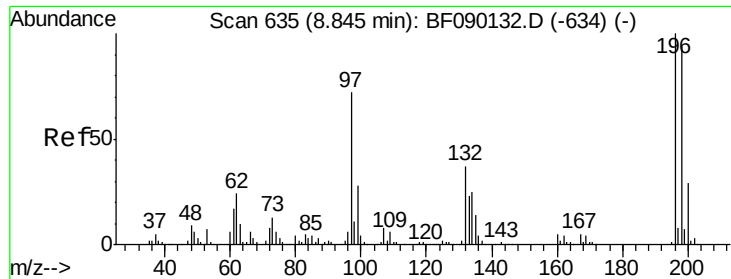
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	78.1	117.1
141	33.5	23.9	35.9



#42
 2,4,6-Trichlorophenol
 Concen: 51.96 ng
 RT: 8.80 min Scan# 631
 Delta R.T. -0.01 min
 Lab File: BF090155.D
 Acq: 21 Sep 2016 12:10

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.0	76.3	114.5
200	31.8	24.1	36.1

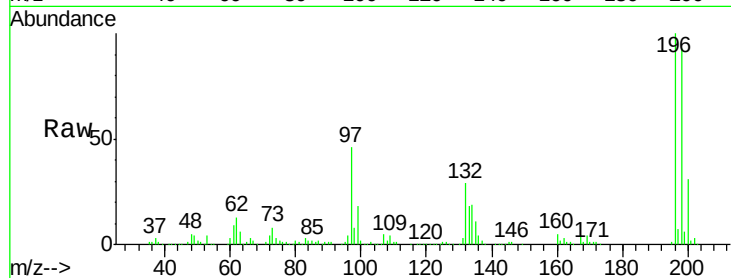




#43
 2,4,5-Trichlorophenol
 Concen: 54.05 ng
 RT: 8.84 min Scan# 635
 Delta R.T. 0.00 min
 Lab File: BF090155.D
 Acq: 21 Sep 2016 12:10

Instrument :
 BNA_F
 ClientSampleId :
 PB93481BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	93.3	76.6	114.8
97	45.8	34.4	51.6
132	28.5	22.2	33.2



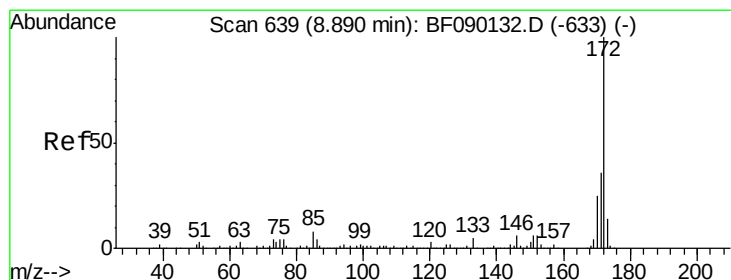
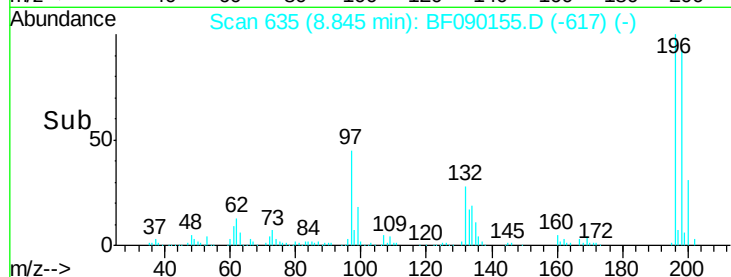
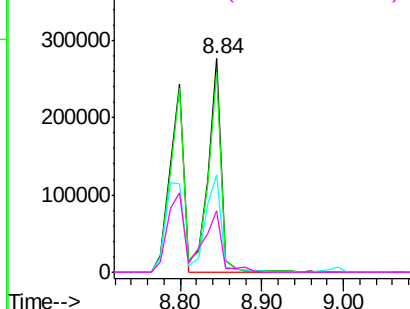
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

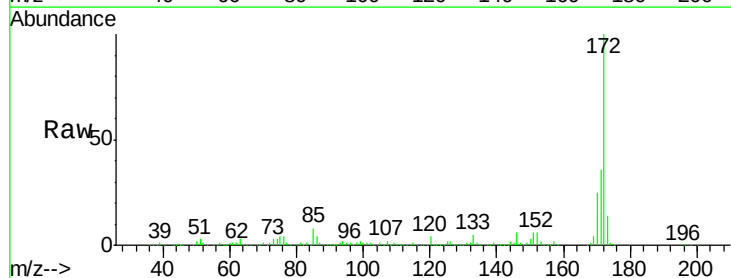
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 92.10 ng
 RT: 8.88 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: BF090155.D
 Acq: 21 Sep 2016 12:10

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

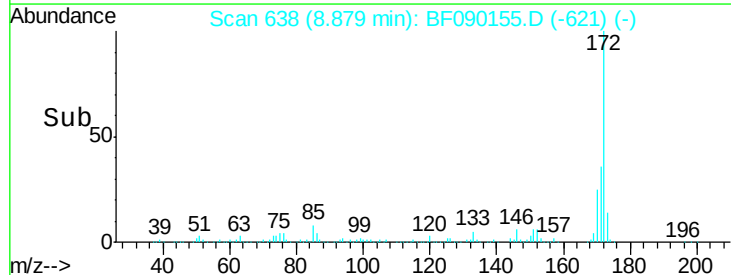
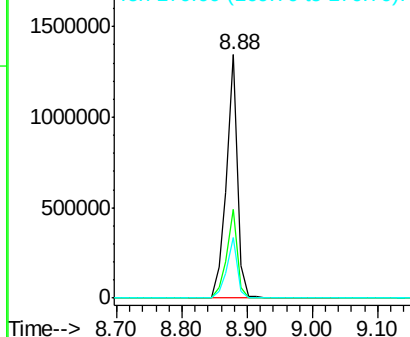


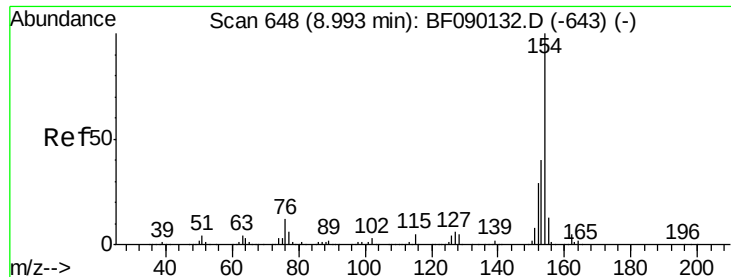
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

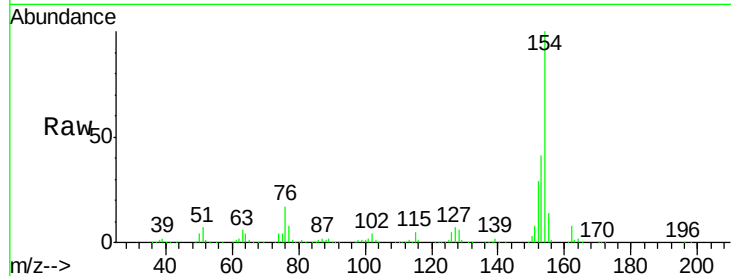




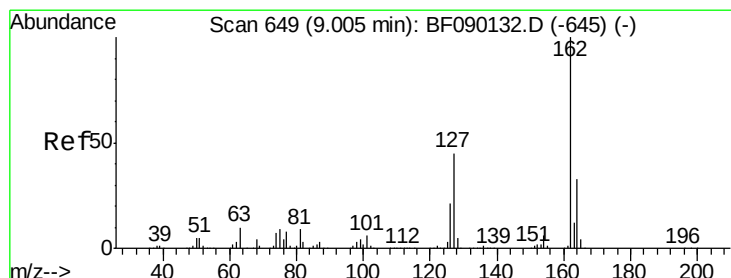
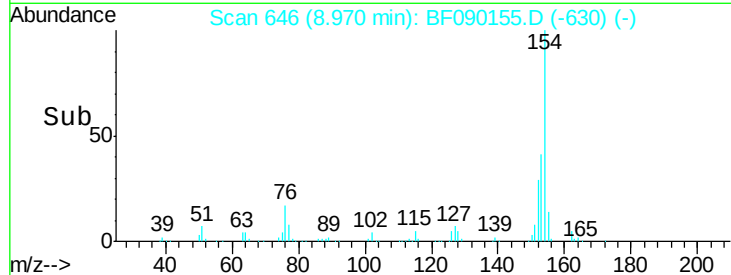
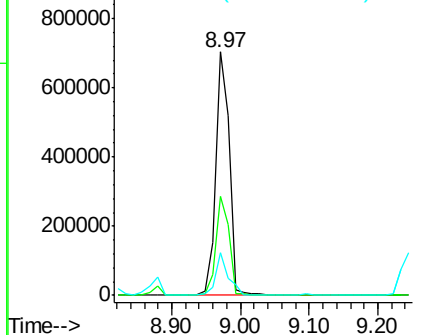
#45
 1,1'-Biphenyl
 Concen: 40.70 ng
 RT: 8.97 min Scan# 646
 Delta R.T. -0.02 min
 Lab File: BF090155.D
 Acq: 21 Sep 2016 12:10

Instrument :
 BNA_F
 ClientSampleId :
 PB93481BS

Tot Ion:154	Resp: 983581
Ion Ratio	Lower Upper
154 100	
153 40.6	20.6 60.6
76 17.4	0.0 36.7

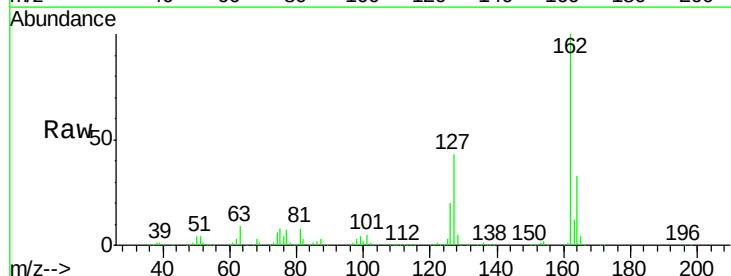


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

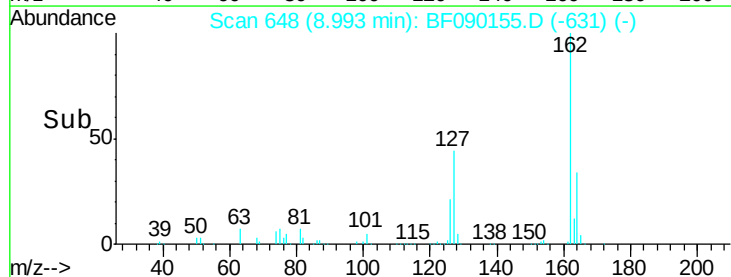
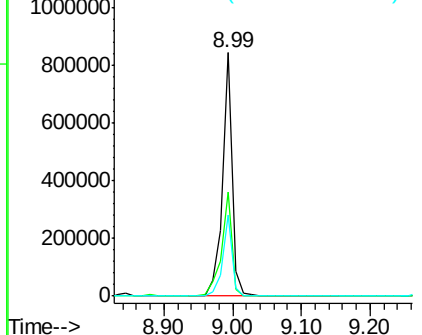


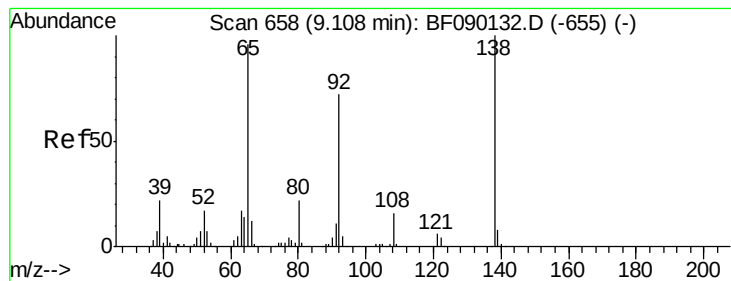
#46
 2-Chloronaphthalene
 Concen: 47.62 ng
 RT: 8.99 min Scan# 648
 Delta R.T. -0.01 min
 Lab File: BF090155.D
 Acq: 21 Sep 2016 12:10

Tgt Ion	162	Resp:	848998
Ion	Ratio	Lower	Upper
162	100		
127	42.9	34.0	51.0
164	33.3	26.8	40.2



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





#47

2-Nitroaniline

Concen: 49.81 ng

RT: 9.10 min Scan# 657

Delta R.T. -0.01 min

Lab File: BF090155.D

Acq: 21 Sep 2016 12:10

Instrument :

BNA_F

ClientSampleId :

PB93481BS

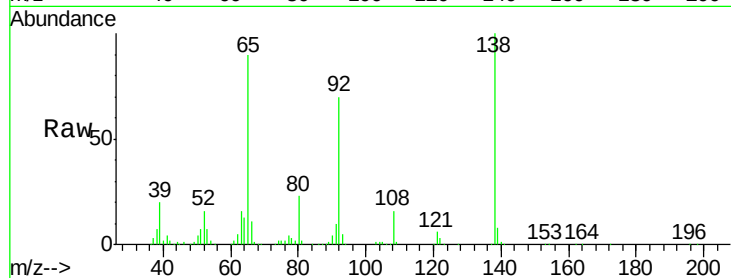
Tot Ion: 65 Resp: 267716

Ion Ratio Lower Upper

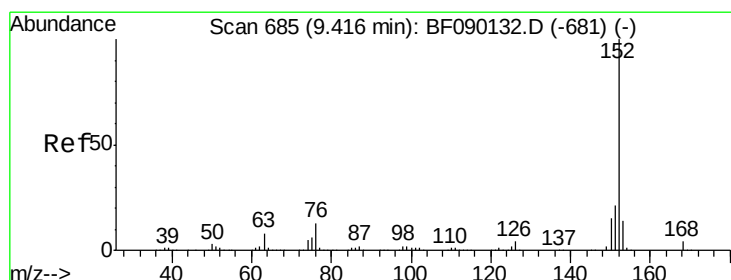
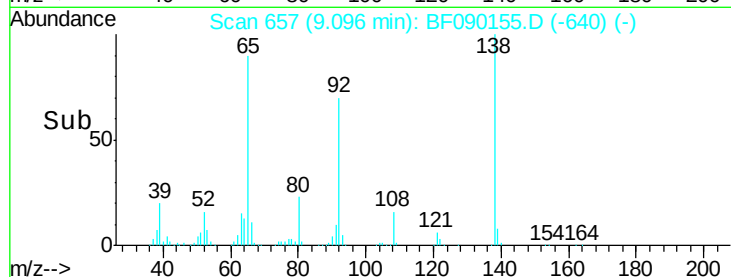
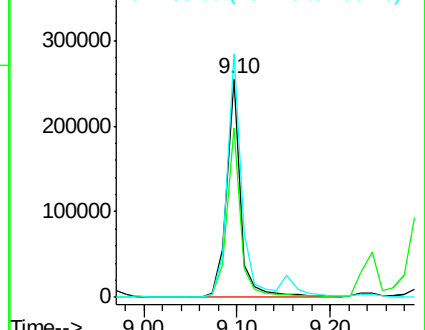
65 100

92 77.7 66.1 99.1

138 111.4 104.1 156.1



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



#48

Acenaphthylene

Concen: 44.51 ng

RT: 9.40 min Scan# 684

Delta R.T. -0.01 min

Lab File: BF090155.D

Acq: 21 Sep 2016 12:10

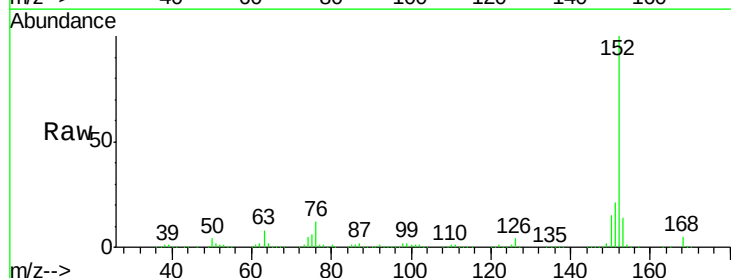
Tgt Ion: 152 Resp: 1288616

Ion Ratio Lower Upper

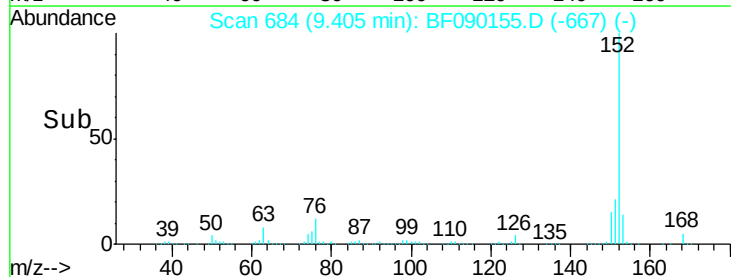
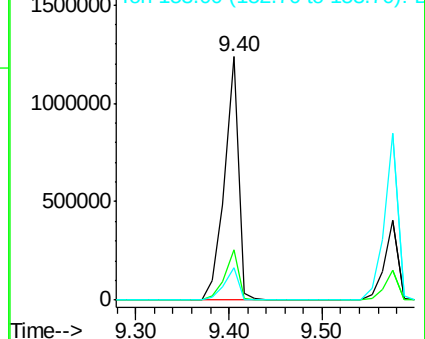
152 100

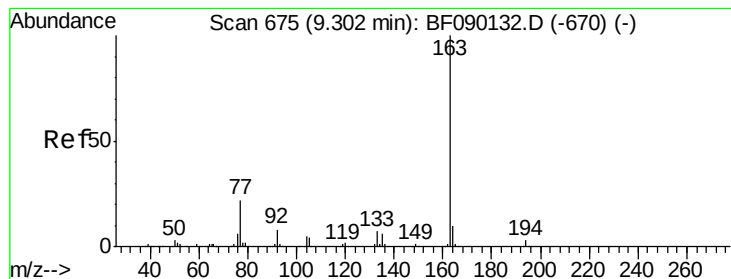
151 20.6 16.5 24.7

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: 45.33 ng

RT: 9.29 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF090155.D

Acq: 21 Sep 2016 12:10

Instrument :

BNA_F

ClientSampleId :

PB93481BS

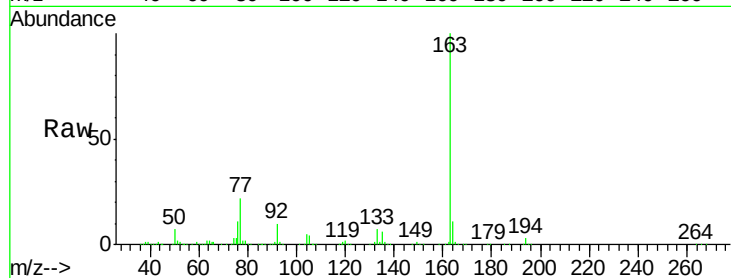
Tot Ion:163 Resp: 975304

Ion Ratio Lower Upper

163 100

194 3.0 2.8 4.2

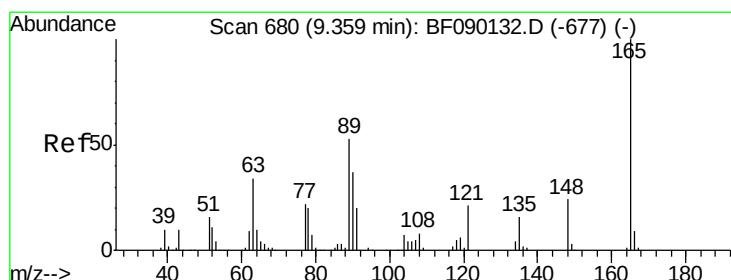
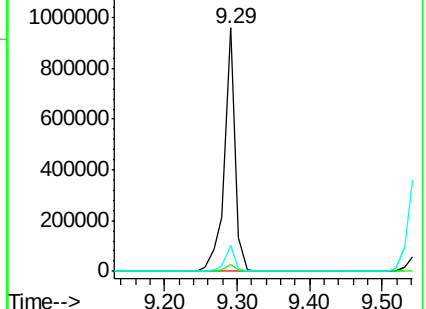
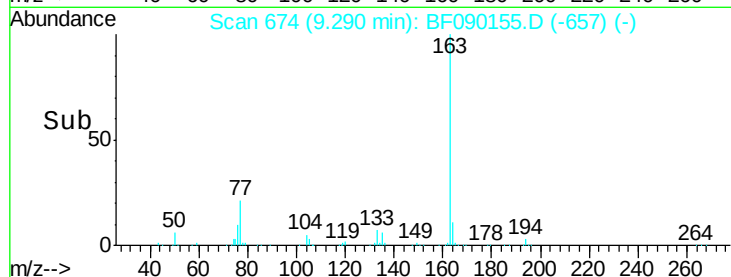
164 10.7 8.1 12.1



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: 51.04 ng

RT: 9.35 min Scan# 679

Delta R.T. -0.01 min

Lab File: BF090155.D

Acq: 21 Sep 2016 12:10

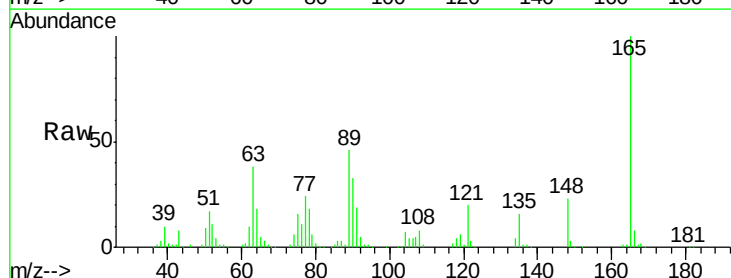
Tgt Ion:165 Resp: 244743

Ion Ratio Lower Upper

165 100

63 38.3 49.9 74.9#

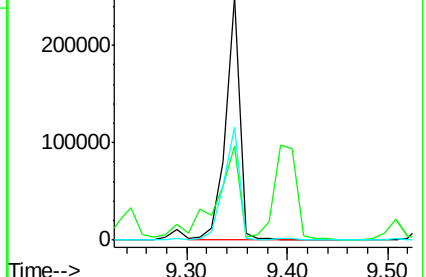
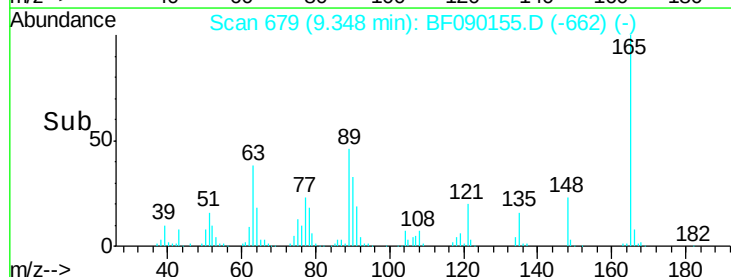
89 46.5 51.0 76.4#

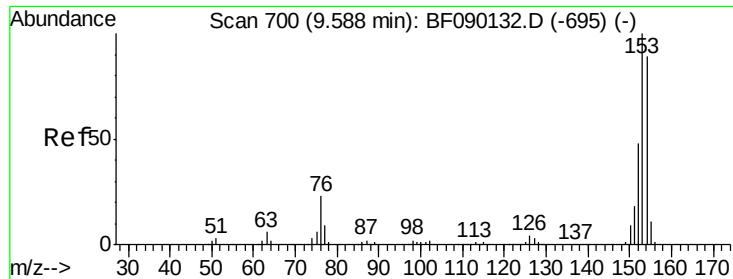


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 44.49 ng

RT: 9.58 min Scan# 699

Delta R.T. -0.01 min

Lab File: BF090155.D

Acq: 21 Sep 2016 12:10

Instrument :

BNA_F

ClientSampleId :

PB93481BS

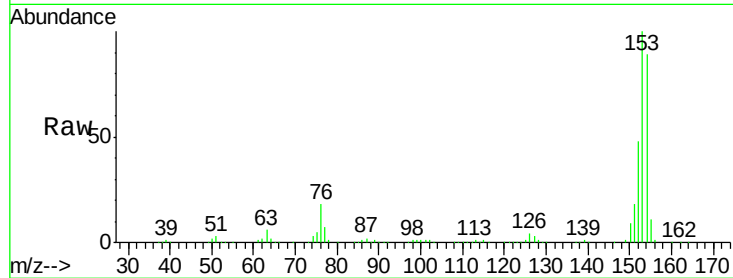
Tot Ion:154 Resp: 764623

Ion Ratio Lower Upper

154 100

153 112.3 90.8 136.2

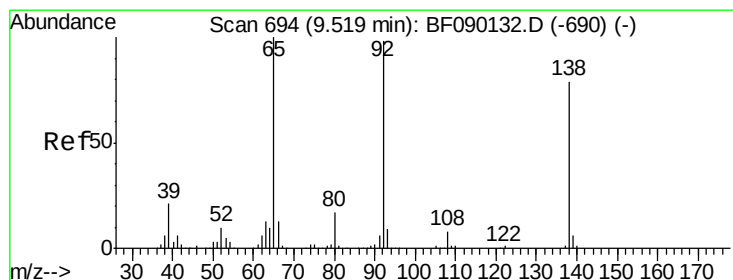
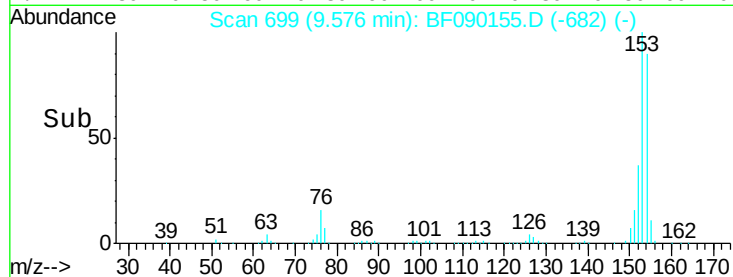
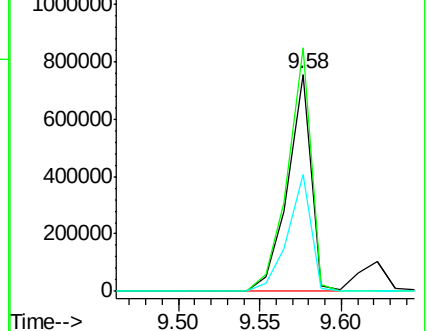
152 53.6 44.2 66.4



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: 29.19 ng

RT: 9.51 min Scan# 693

Delta R.T. -0.01 min

Lab File: BF090155.D

Acq: 21 Sep 2016 12:10

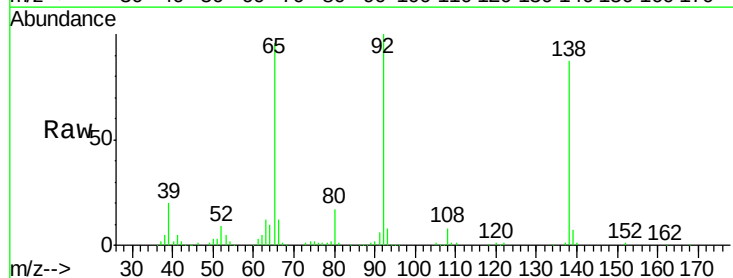
Tgt Ion:138 Resp: 164133

Ion Ratio Lower Upper

138 100

108 9.6 7.8 11.6

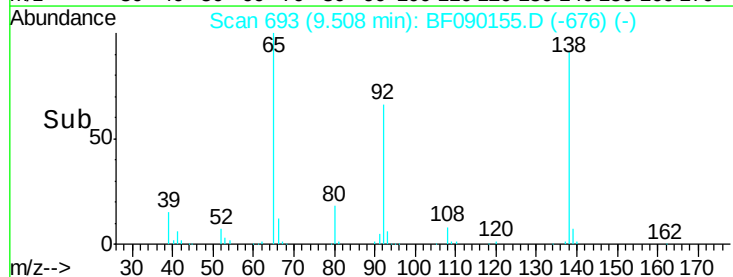
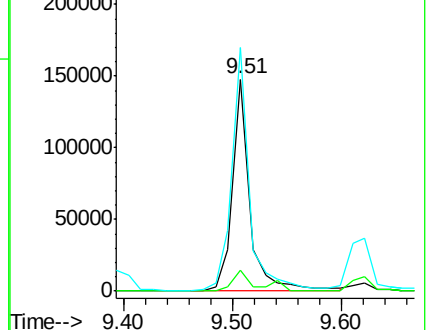
92 114.9 90.7 136.1

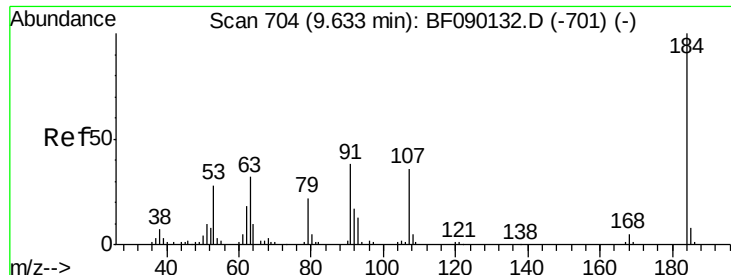


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

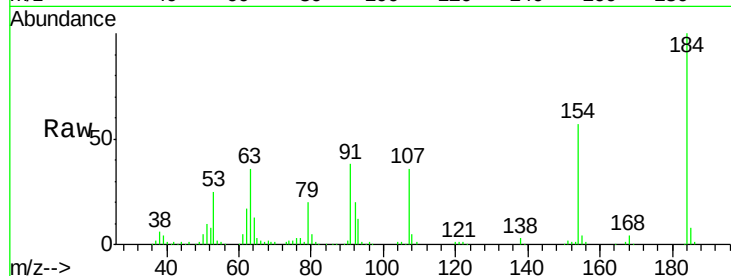




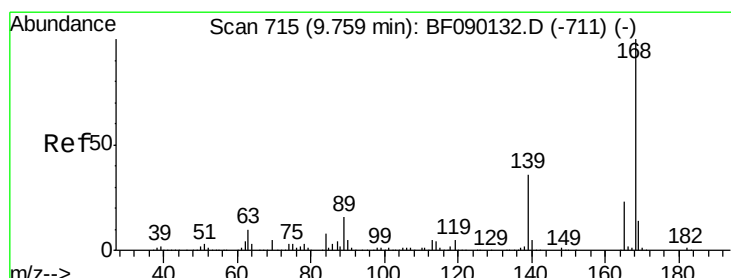
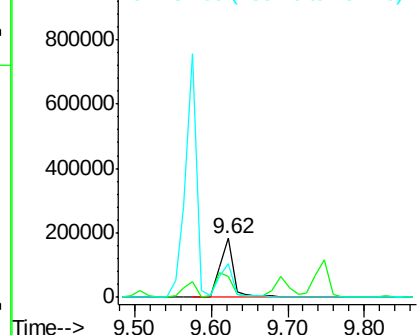
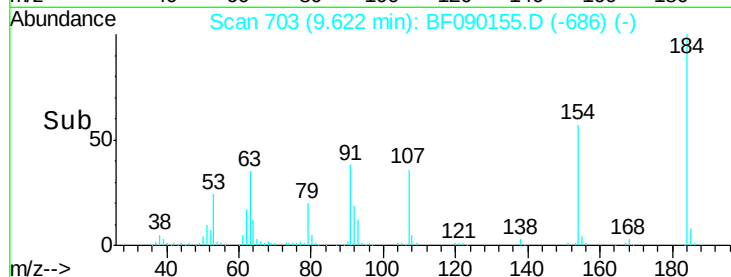
#53
 2,4-Dinitrophenol
 Concen: 83.71 ng
 RT: 9.62 min Scan# 703
 Delta R.T. -0.01 min
 Lab File: BF090155.D
 Acq: 21 Sep 2016 12:10

Instrument :
 BNA_F
 ClientSampleID :
 PB93481BS

Tot Ion:184 Resp: 224946
 Ion Ratio Lower Upper
 184 100
 63 35.9 44.6 67.0#
 154 57.4 49.7 74.5

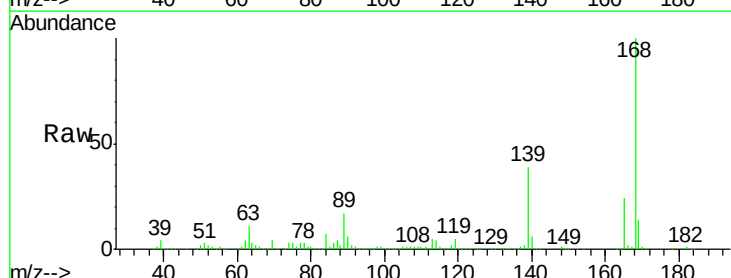


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

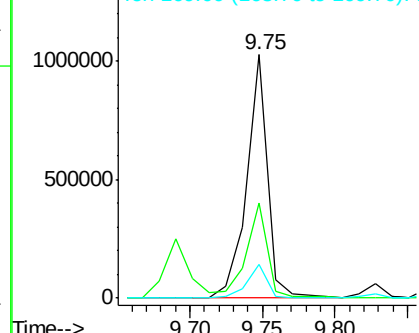
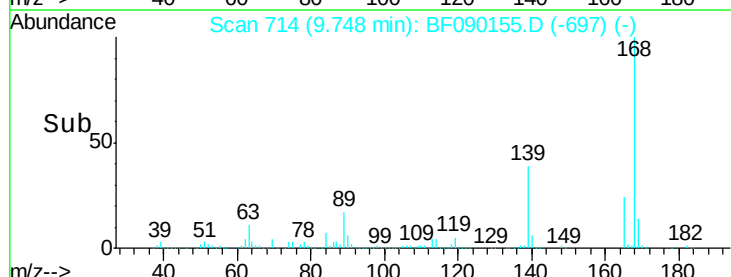


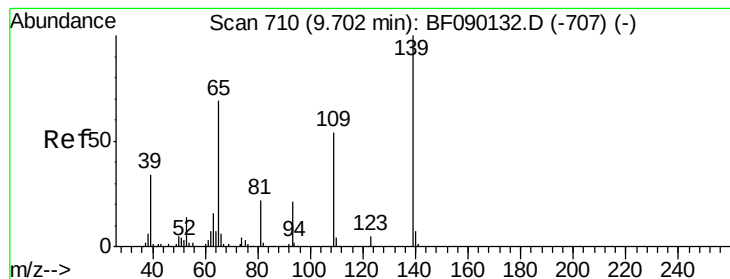
#54
 Dibenzofuran
 Concen: 45.12 ng
 RT: 9.75 min Scan# 714
 Delta R.T. -0.01 min
 Lab File: BF090155.D
 Acq: 21 Sep 2016 12:10

Tgt Ion:168 Resp: 1020377
 Ion Ratio Lower Upper
 168 100
 139 39.2 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: 75.87 ng

RT: 9.69 min Scan# 709

Delta R.T. -0.01 min

Lab File: BF090155.D

Acq: 21 Sep 2016 12:10

Instrument :

BNA_F

ClientSampled :

PB93481BS

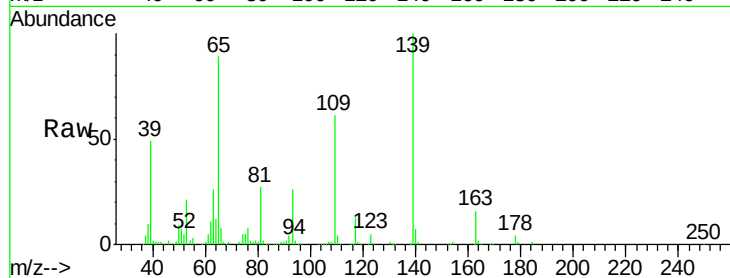
Tot Ion:139 Resp: 292210

Ion Ratio Lower Upper

139 100

109 60.6 35.6 75.6

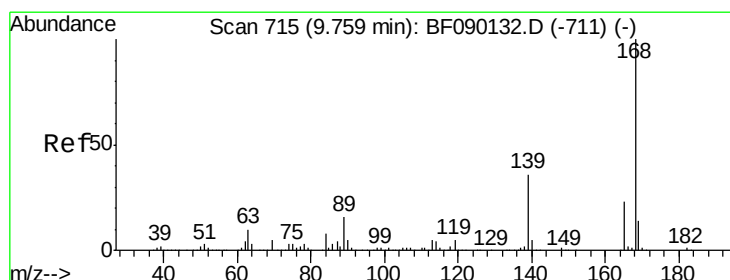
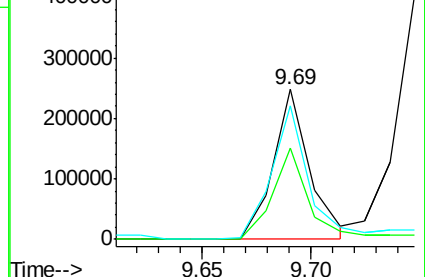
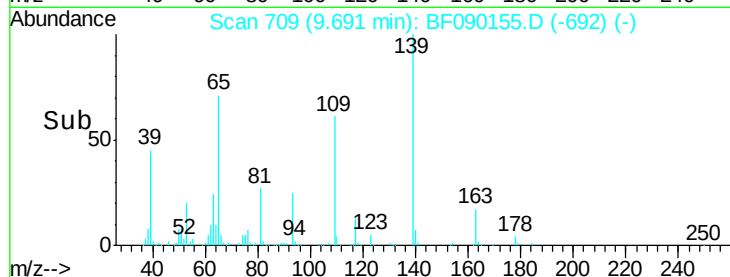
65 89.4 55.5 95.5



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: 47.86 ng

RT: 9.75 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF090155.D

Acq: 21 Sep 2016 12:10

Tgt Ion:165 Resp: 271384

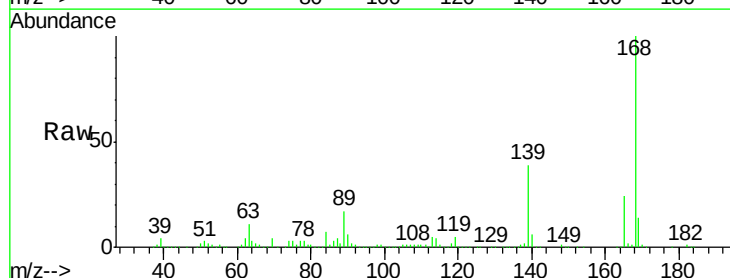
Ion Ratio Lower Upper

165 100

63 46.0 44.4 66.6

89 70.9 70.1 105.1

182 2.1 1.7 2.5

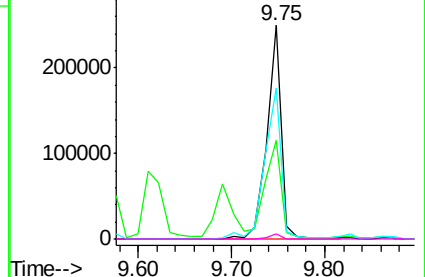
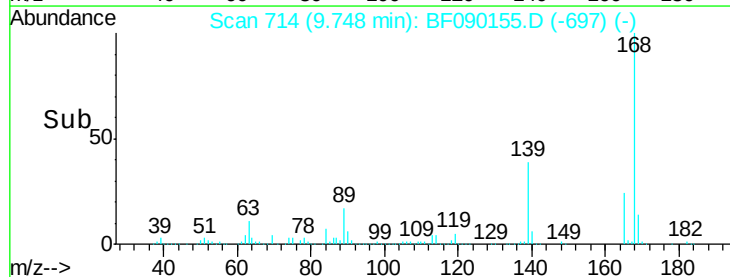


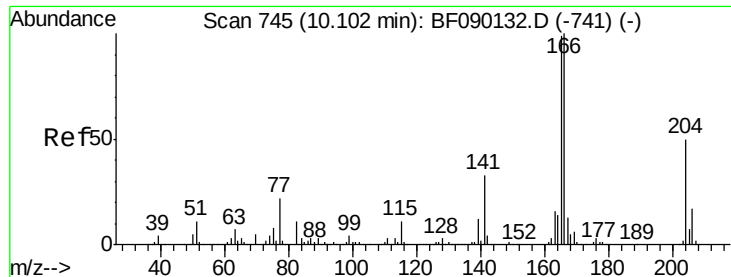
Abundance Ion 165.00 (164.70 to 165.70): E

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: 48.80 ng

RT: 10.09 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF090155.D

Acq: 21 Sep 2016 12:10

Instrument :

BNA_F

ClientSampleId :

PB93481BS

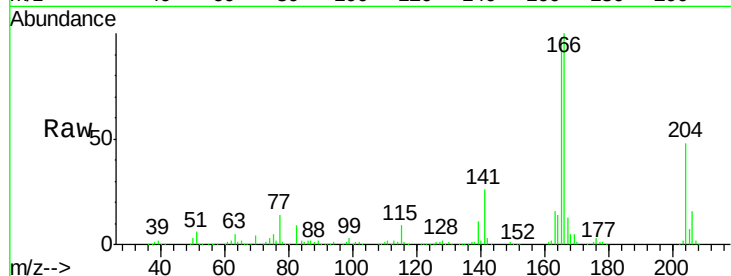
Tot Ion:166 Resp: 831766

Ion Ratio Lower Upper

166 100

165 98.4 78.5 117.7

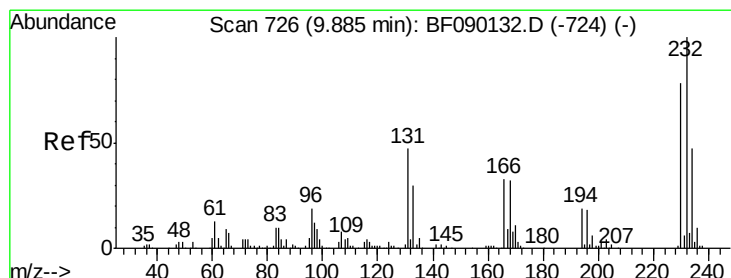
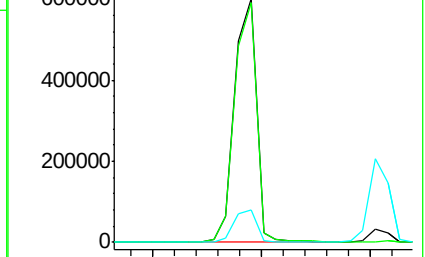
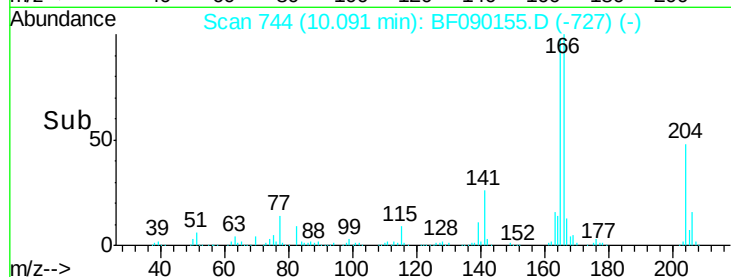
167 13.2 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 49.54 ng

RT: 9.87 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF090155.D

Acq: 21 Sep 2016 12:10

Tgt Ion:232 Resp: 212173

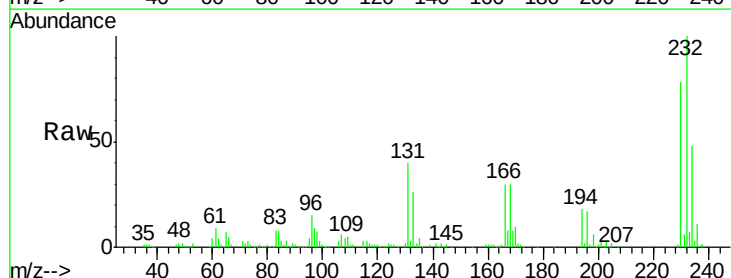
Ion Ratio Lower Upper

232 100

131 47.8 42.2 63.4

130 2.2 1.9 2.9

166 33.1 26.4 39.6

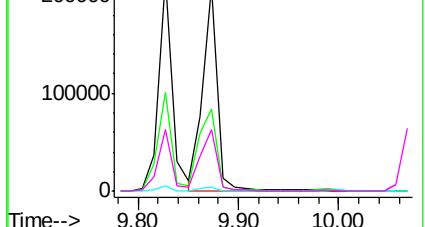
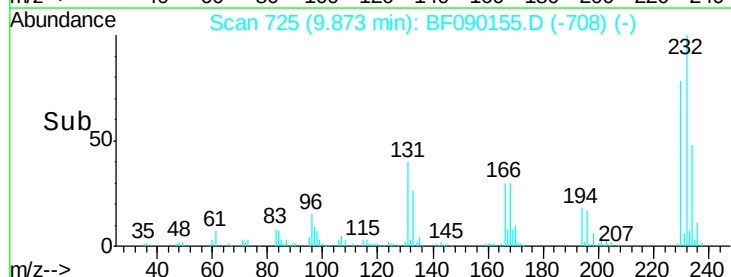


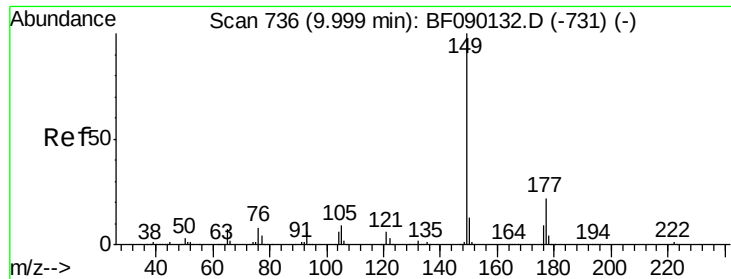
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

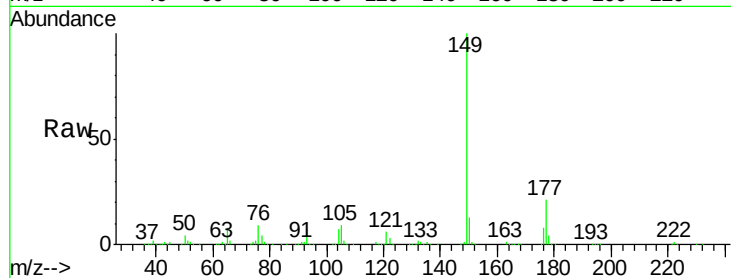




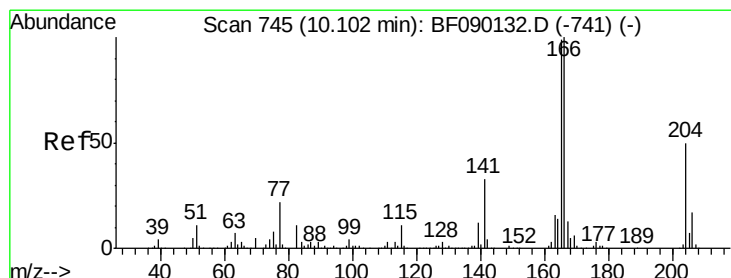
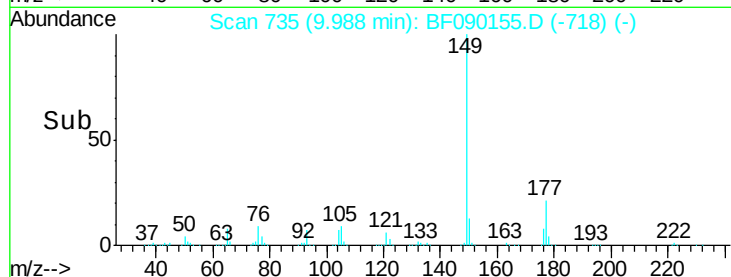
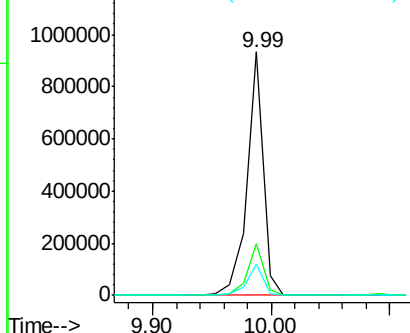
#59
Diethylphthalate
Concen: 42.96 ng
RT: 9.99 min Scan# 735
Delta R.T. -0.01 min
Lab File: BF090155.D
Acq: 21 Sep 2016 12:10

Instrument :
BNA_F
ClientSampleId :
PB93481BS

Tot Ion:149 Resp: 892554
Ion Ratio Lower Upper
149 100
177 21.4 15.8 23.6
150 12.6 10.4 15.6

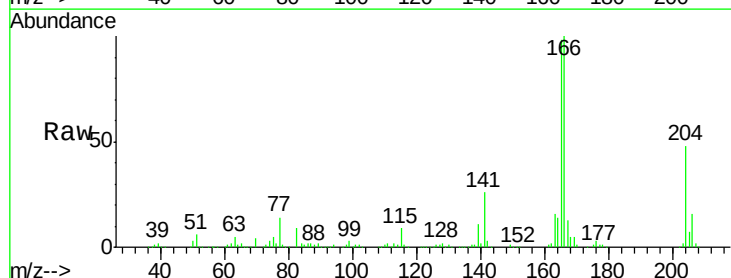


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

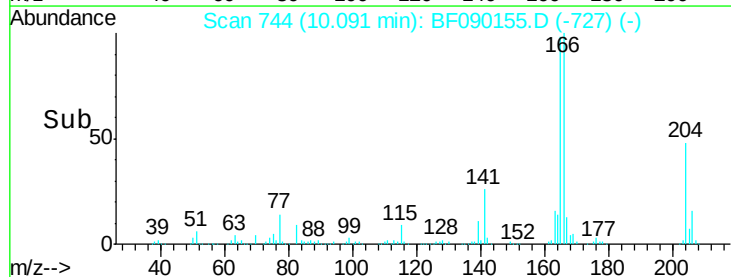
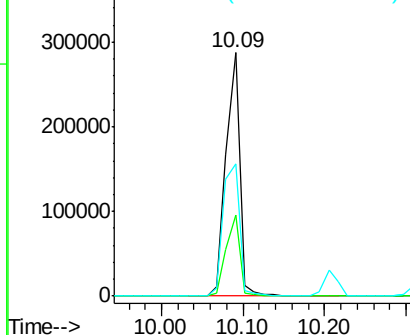


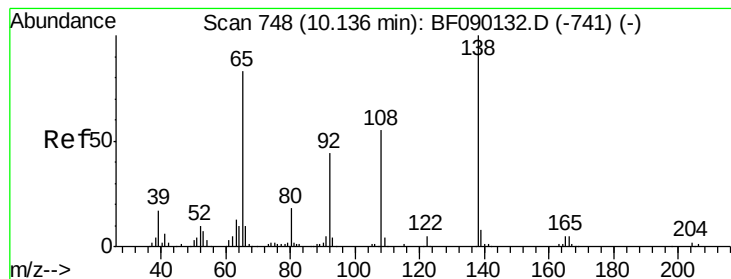
#60
4-Chlorophenyl-phenylether
Concen: 43.17 ng
RT: 10.09 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF090155.D
Acq: 21 Sep 2016 12:10

Tgt Ion:204 Resp: 335537
Ion Ratio Lower Upper
204 100
206 33.5 25.6 38.4
141 54.4 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

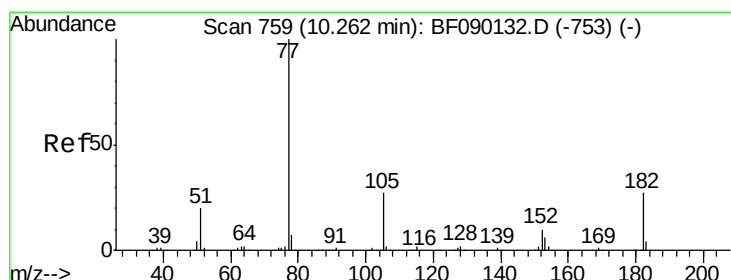
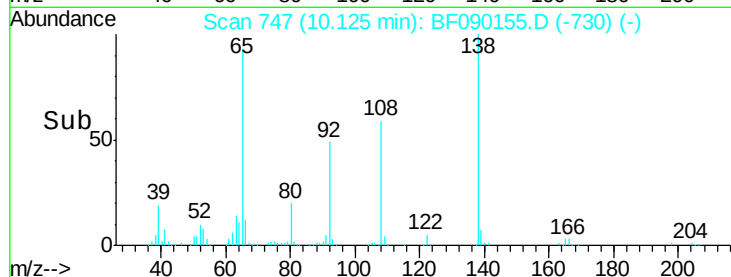
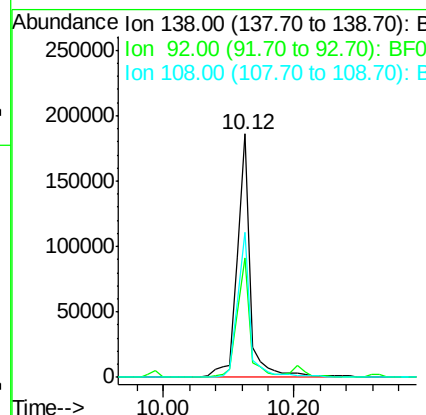
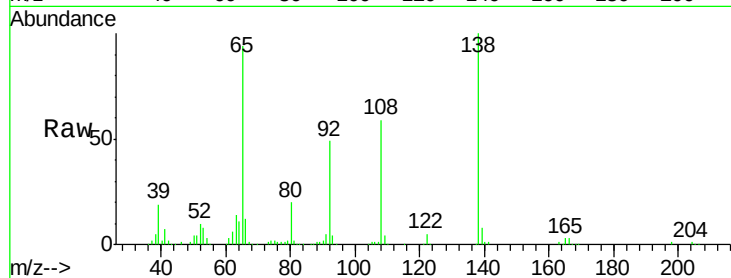




#61
 4-Nitroaniline
 Concen: 44.04 ng
 RT: 10.12 min Scan# 747
 Delta R.T. -0.01 min
 Lab File: BF090155.D
 Acq: 21 Sep 2016 12:10

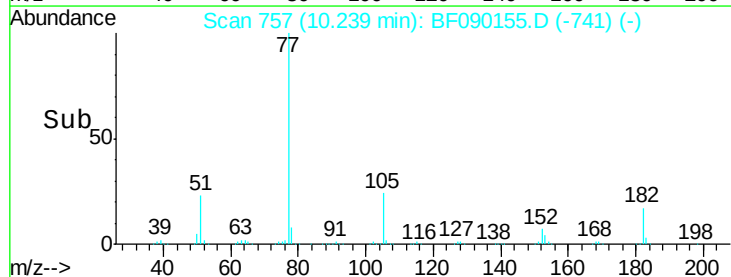
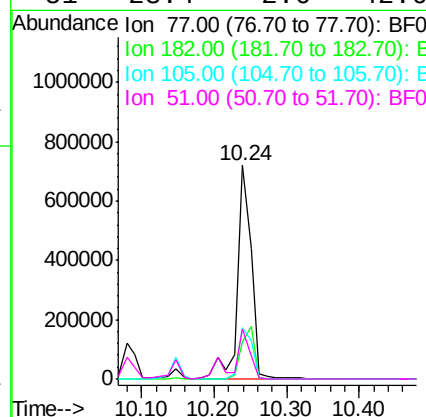
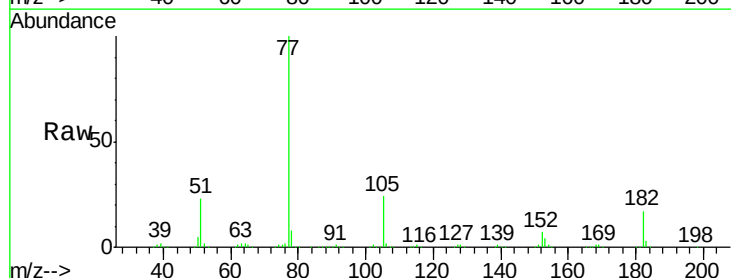
Instrument :
 BNA_F
 ClientSampleID :
 PB93481BS

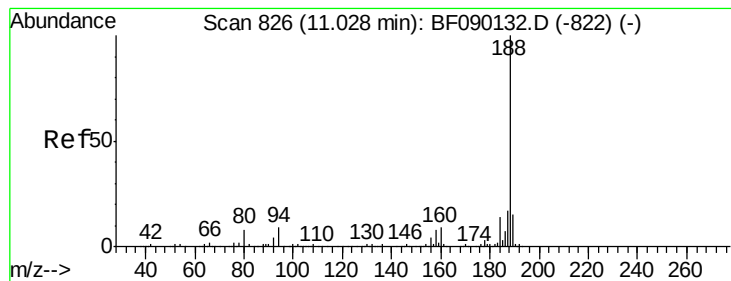
Tot Ion:138 Resp: 252348
 Ion Ratio Lower Upper
 138 100
 92 49.0 23.8 63.8
 108 59.4 35.0 75.0



#62
 Azobenzene
 Concen: 43.85 ng
 RT: 10.24 min Scan# 757
 Delta R.T. -0.02 min
 Lab File: BF090155.D
 Acq: 21 Sep 2016 12:10

Tgt Ion: 77 Resp: 948296
 Ion Ratio Lower Upper
 77 100
 182 17.4 0.0 38.4
 105 23.7 3.8 43.8
 51 23.4 2.6 42.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.00 min Scan# 824

Delta R.T. -0.02 min

Lab File: BF090155.D

Acq: 21 Sep 2016 12:10

Instrument :

BNA_F

ClientSampleId :

PB93481BS

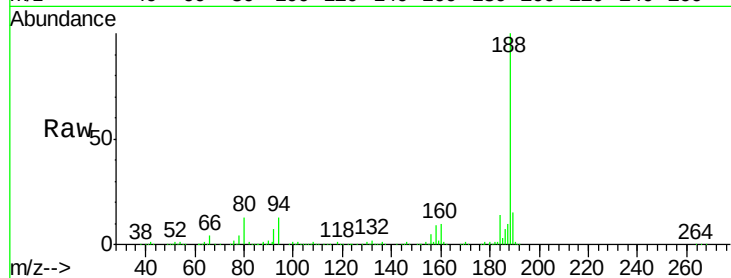
Tot Ion:188 Resp: 502230

Ion Ratio Lower Upper

188 100

94 12.7 10.5 15.7

80 13.3 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

600000

500000

400000

300000

200000

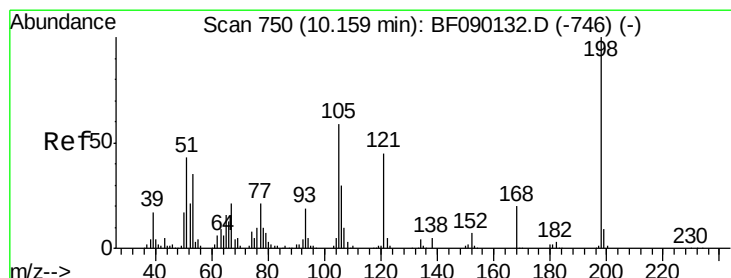
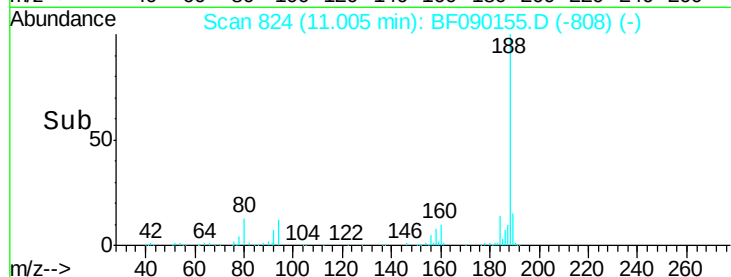
100000

0

11.00

10.95 11.00 11.05

Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 41.31 ng

RT: 10.15 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF090155.D

Acq: 21 Sep 2016 12:10

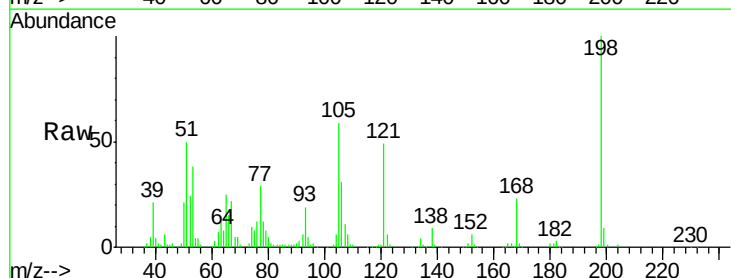
Tgt Ion:198 Resp: 129935

Ion Ratio Lower Upper

198 100

51 50.2 5.5 45.5#

105 58.8 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

200000

150000

100000

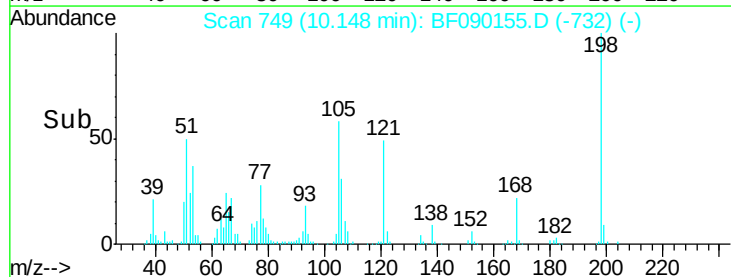
50000

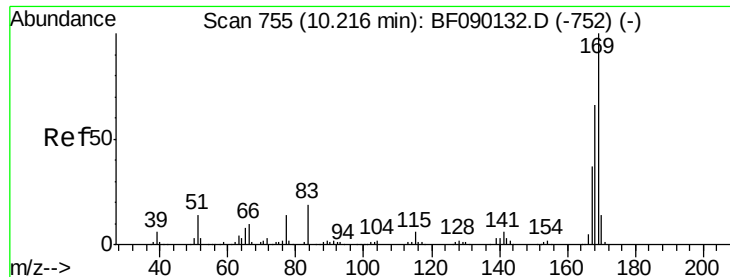
0

10.15

10.10 10.20 10.30

Time-->





#65

n-Nitrosodiphenylamine

Concen: 44.67 ng

RT: 10.20 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF090155.D

Acq: 21 Sep 2016 12:10

Instrument :

BNA_F

ClientSampleId :

PB93481BS

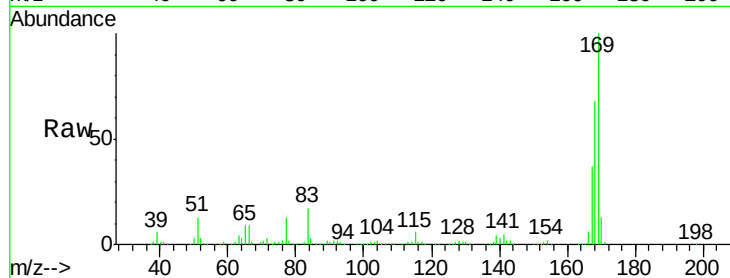
Tot Ion:169 Resp: 737746

Ion Ratio Lower Upper

169 100

168 67.7 54.2 81.4

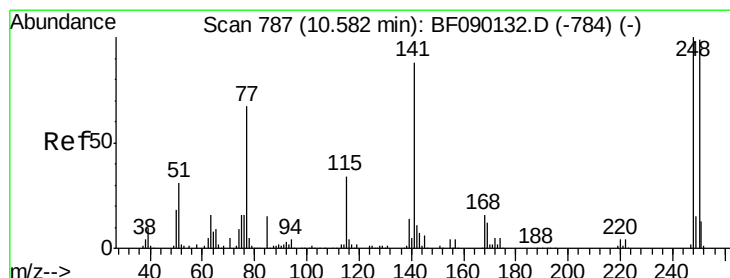
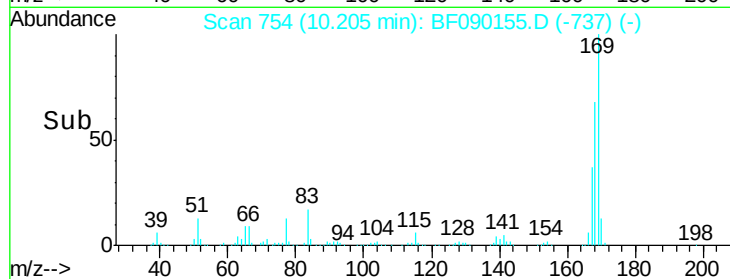
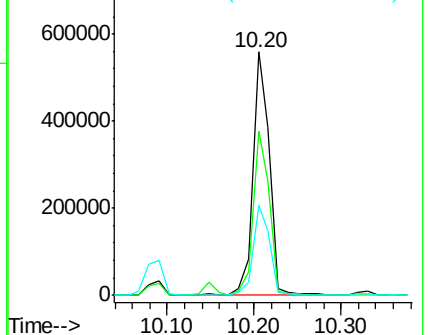
167 37.1 30.3 45.5



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: 49.49 ng

RT: 10.57 min Scan# 786

Delta R.T. -0.01 min

Lab File: BF090155.D

Acq: 21 Sep 2016 12:10

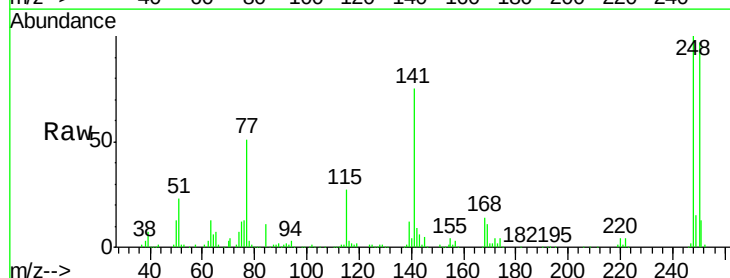
Tgt Ion:248 Resp: 244573

Ion Ratio Lower Upper

248 100

250 96.7 79.4 119.2

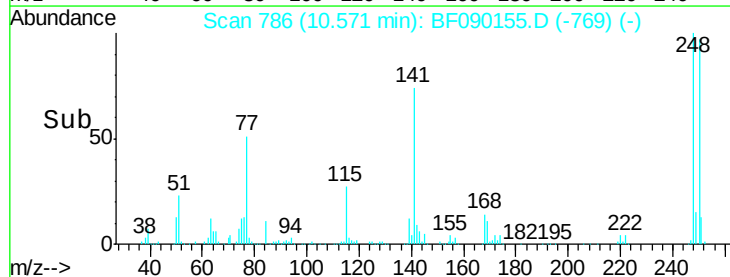
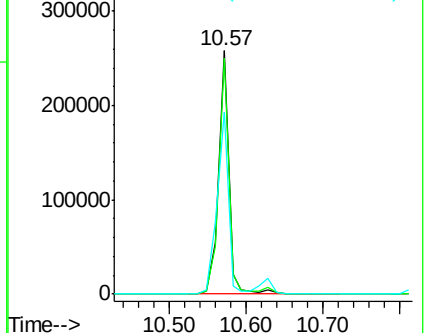
141 74.7 49.3 73.9#

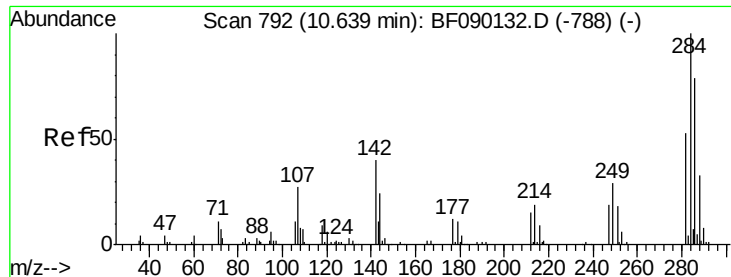


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

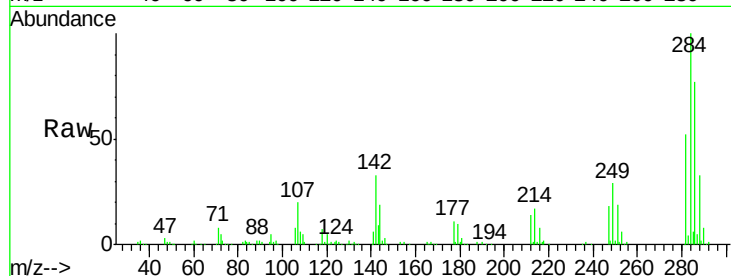




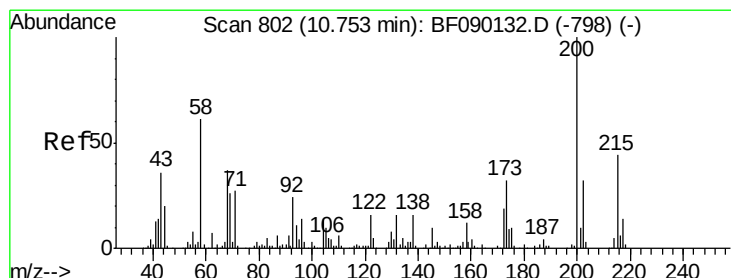
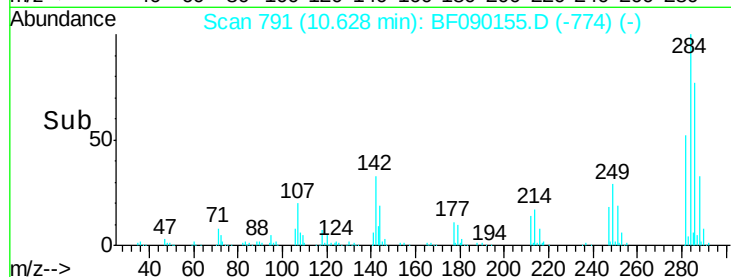
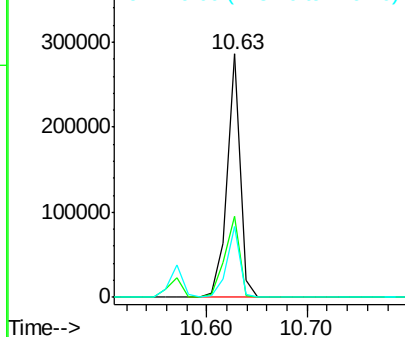
#67
Hexachlorobenzene
Concen: 45.09 ng
RT: 10.63 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF090155.D
Acq: 21 Sep 2016 12:10

Instrument :
BNA_F
ClientSampleId :
PB93481BS

Tot Ion	Ratio	Lower	Upper
284	100		
142	33.3	24.0	36.0
249	29.3	23.8	35.6

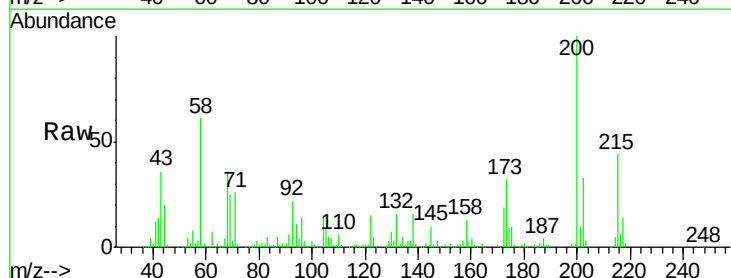


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

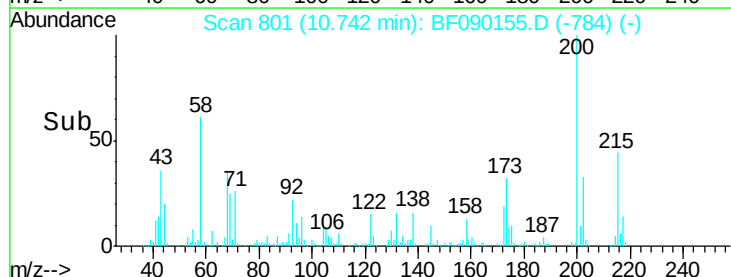
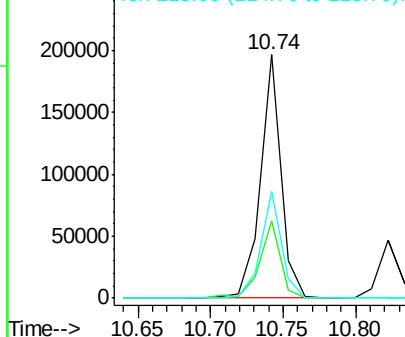


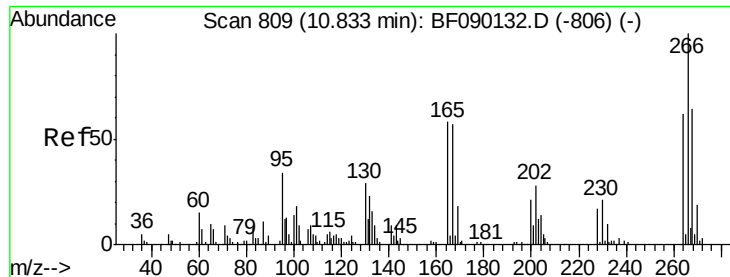
#68
Atrazine
Concen: 42.76 ng
RT: 10.74 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF090155.D
Acq: 21 Sep 2016 12:10

Tgt Ion	Ratio	Lower	Upper
200	100		
173	31.9	9.3	49.3
215	44.1	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

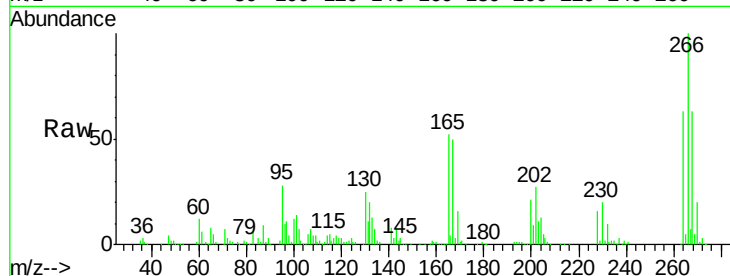




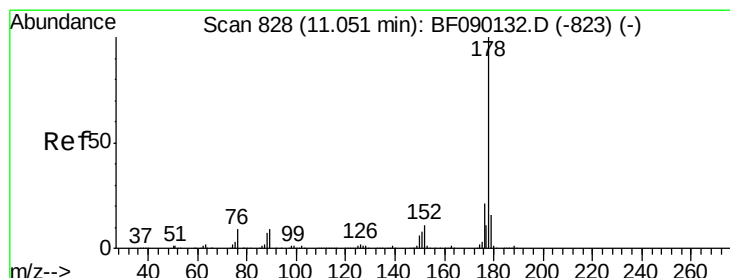
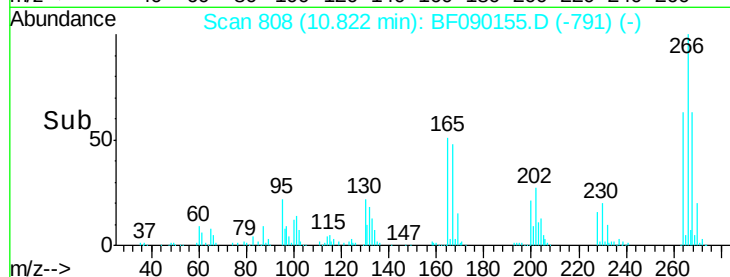
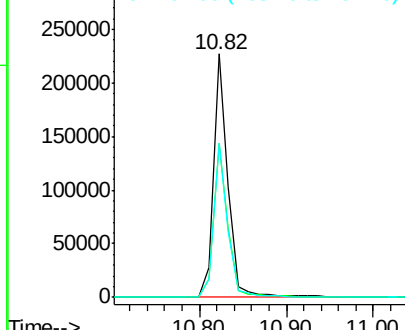
#69
 Pentachlorophenol
 Concen: 81.23 ng
 RT: 10.82 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: BF090155.D
 Acq: 21 Sep 2016 12:10

Instrument :
 BNA_F
 ClientSampleId :
 PB93481BS

Tot Ion:266 Resp: 265564
 Ion Ratio Lower Upper
 266 100
 268 63.2 52.1 78.1
 264 63.3 50.3 75.5

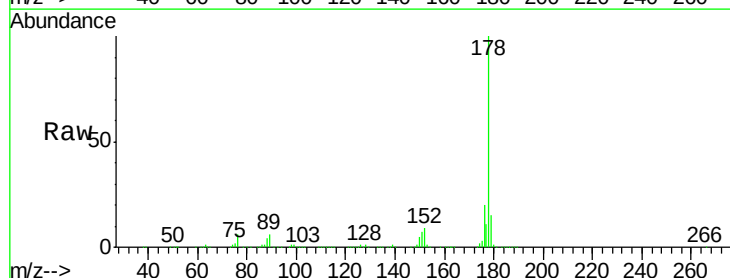


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

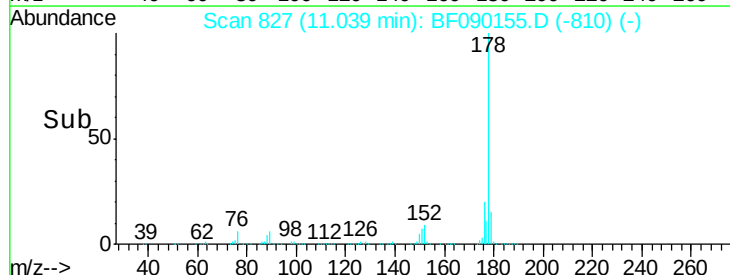
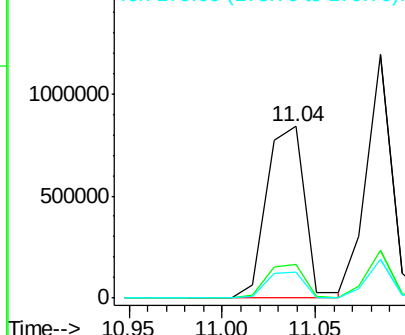


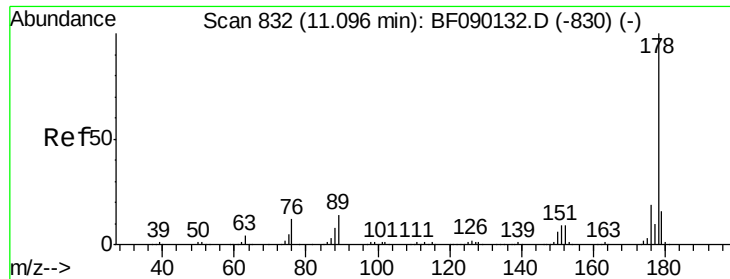
#70
 Phenanthrene
 Concen: 50.74 ng
 RT: 11.04 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BF090155.D
 Acq: 21 Sep 2016 12:10

Tgt Ion:178 Resp: 1191760
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.9 23.9
 179 15.2 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

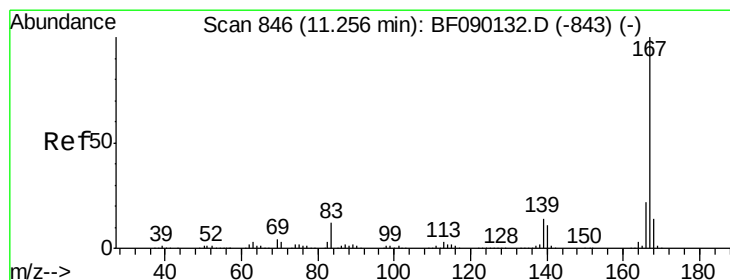
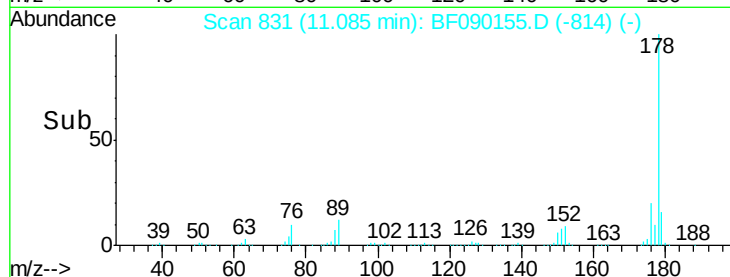
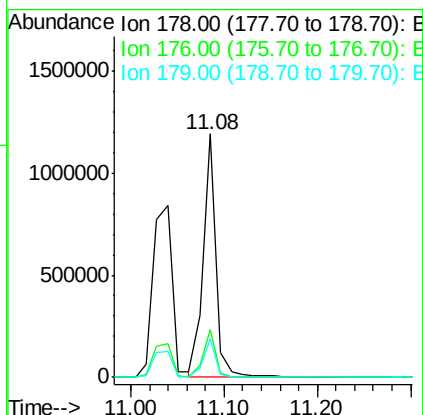
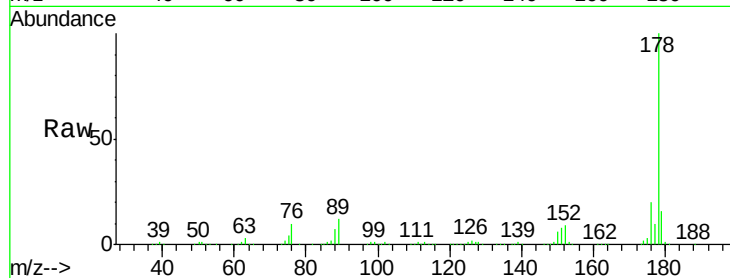




#71
 Anthracene
 Concen: 46.84 ng
 RT: 11.08 min Scan# 831
 Delta R.T. -0.01 min
 Lab File: BF090155.D
 Acq: 21 Sep 2016 12:10

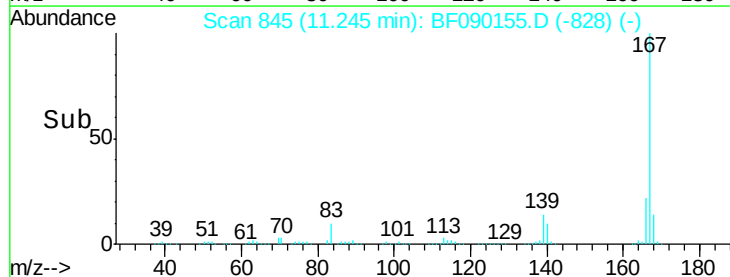
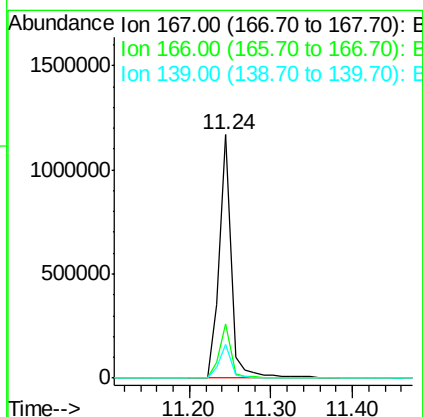
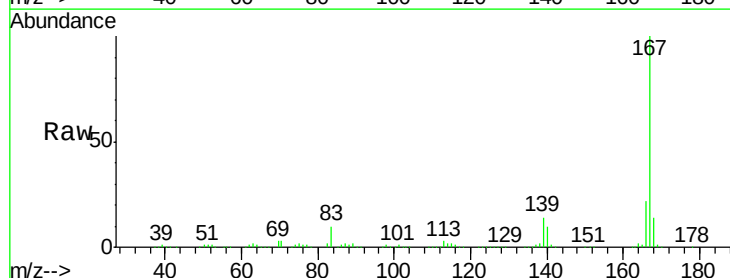
Instrument :
 BNA_F
 ClientSampleId :
 PB93481BS

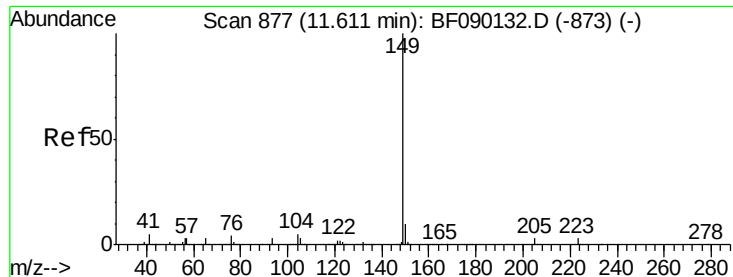
Tot Ion:178 Resp: 1153937
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.8 23.6
 179 16.1 12.6 19.0



#72
 Carbazole
 Concen: 46.56 ng
 RT: 11.24 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BF090155.D
 Acq: 21 Sep 2016 12:10

Tgt Ion:167 Resp: 1212647
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.0 27.0
 139 13.7 10.4 15.6





#73

Di-n-butylphthalate

Concen: 48.31 ng

RT: 11.60 min Scan# 876

Delta R.T. -0.01 min

Lab File: BF090155.D

Acq: 21 Sep 2016 12:10

Instrument :

BNA_F

ClientSampleId :

PB93481BS

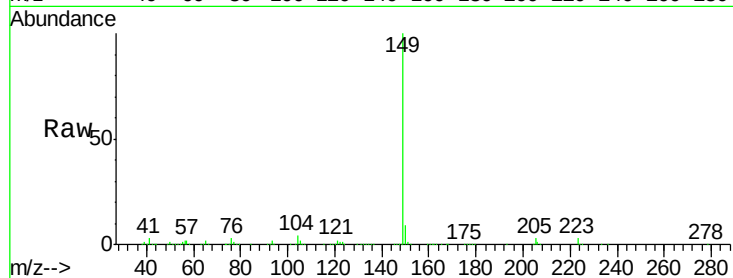
Tot Ion:149 Resp: 1462891

Ion Ratio Lower Upper

149 100

150 9.1 7.8 11.8

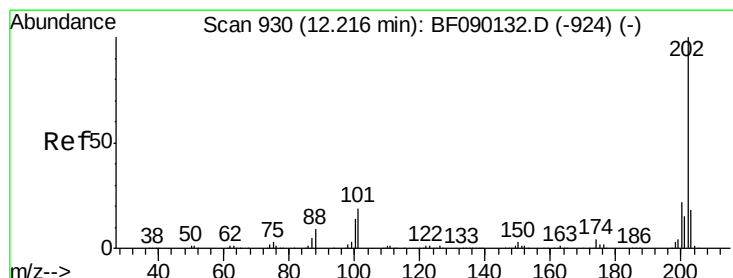
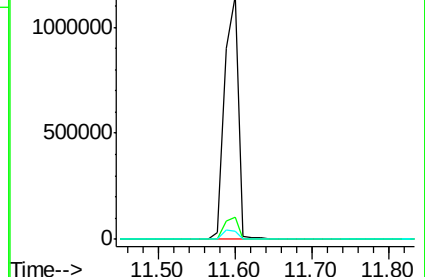
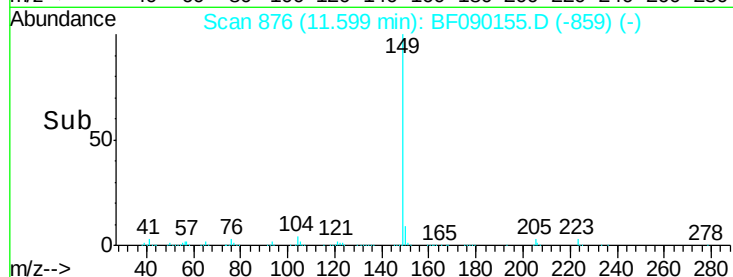
104 3.6 3.9 5.9#



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: 42.82 ng

RT: 12.21 min Scan# 929

Delta R.T. -0.01 min

Lab File: BF090155.D

Acq: 21 Sep 2016 12:10

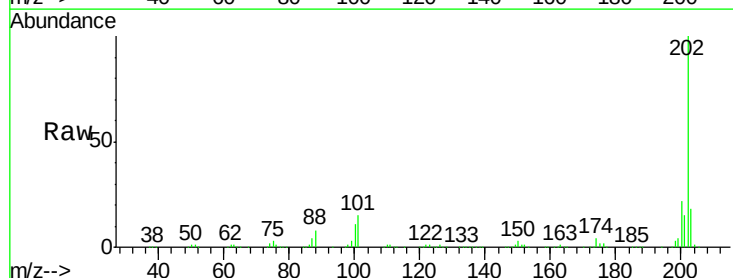
Tgt Ion:202 Resp: 1079565

Ion Ratio Lower Upper

202 100

101 15.4 0.0 36.1

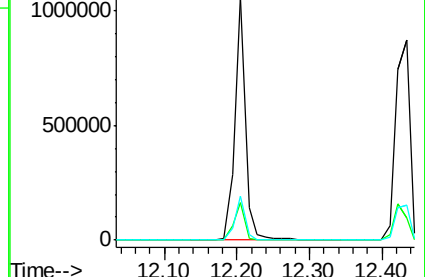
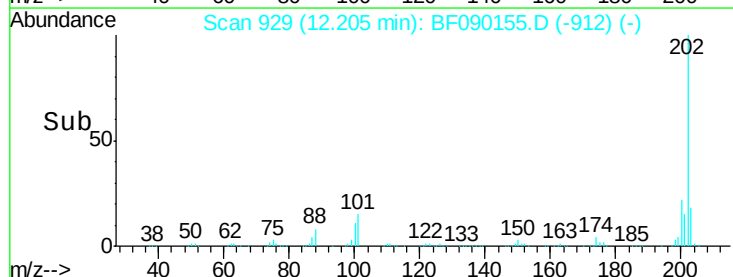
203 17.9 0.0 38.2

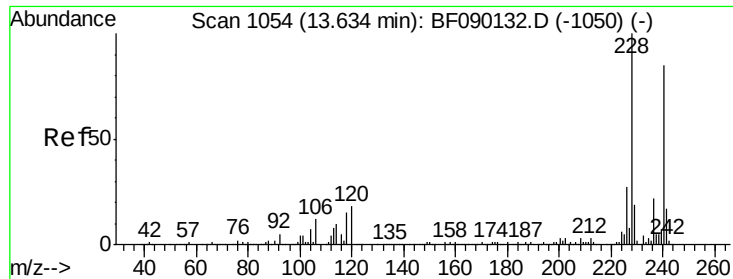


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.62 min Scan# 1053

Delta R.T. -0.01 min

Lab File: BF090155.D

Acq: 21 Sep 2016 12:10

Instrument :

BNA_F

ClientSampleId :

PB93481BS

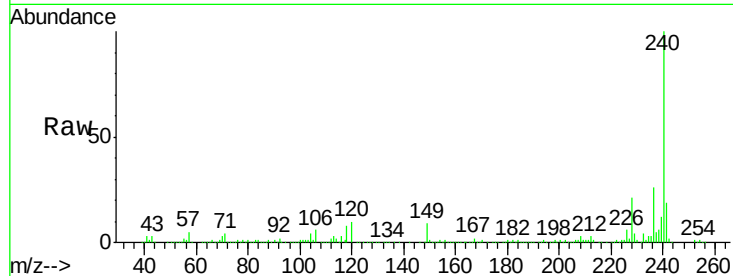
Tot Ion:240 Resp: 377339

Ion Ratio Lower Upper

240 100

120 10.3 10.6 16.0#

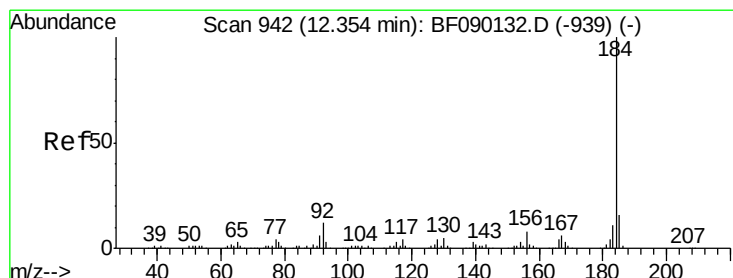
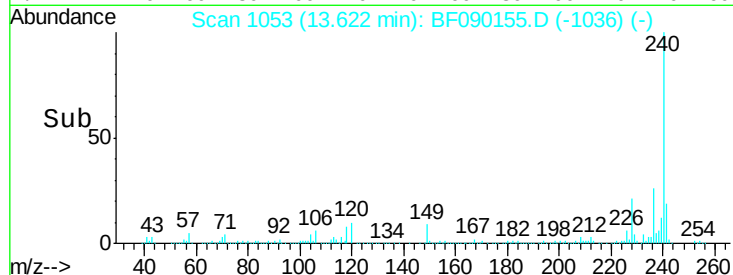
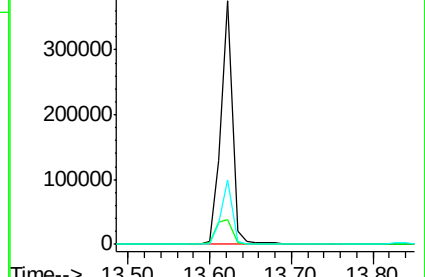
236 26.4 21.6 32.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 19.85 ng

RT: 12.34 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF090155.D

Acq: 21 Sep 2016 12:10

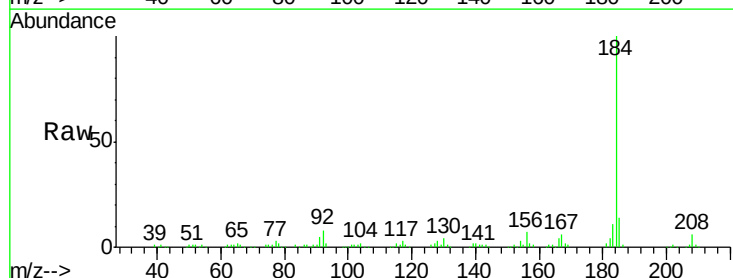
Tgt Ion:184 Resp: 250709

Ion Ratio Lower Upper

184 100

185 14.2 13.2 19.8

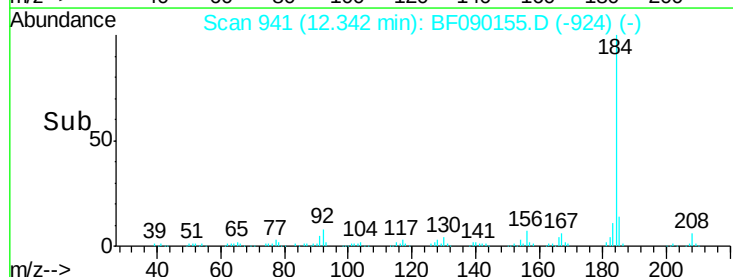
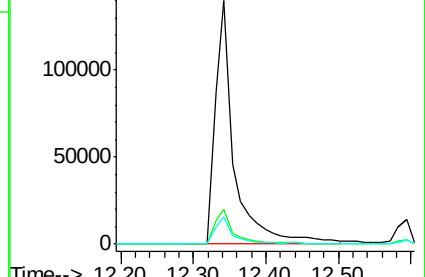
183 11.3 9.2 13.8

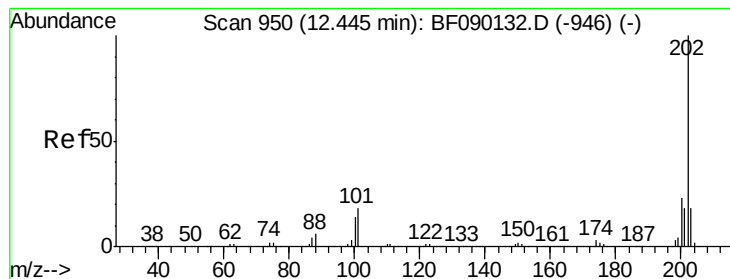


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 46.61 ng

RT: 12.43 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF090155.D

Acq: 21 Sep 2016 12:10

Instrument :

BNA_F

ClientSampleId :

PB93481BS

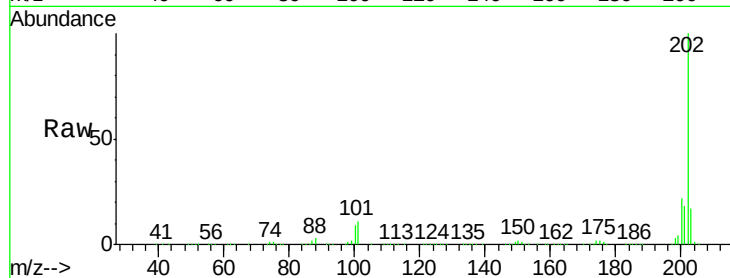
Tot Ion:202 Resp: 1203617

Ion Ratio Lower Upper

202 100

200 21.8 17.9 26.9

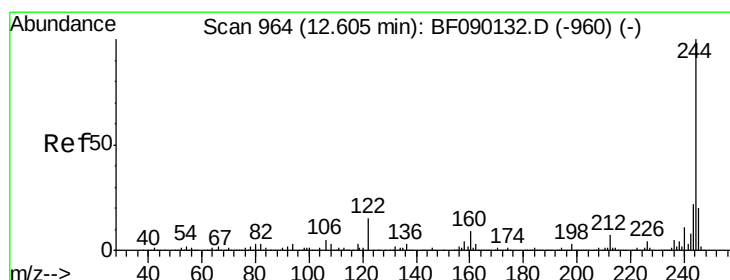
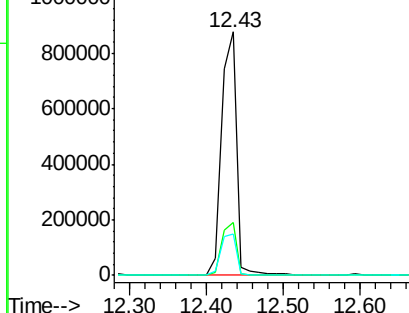
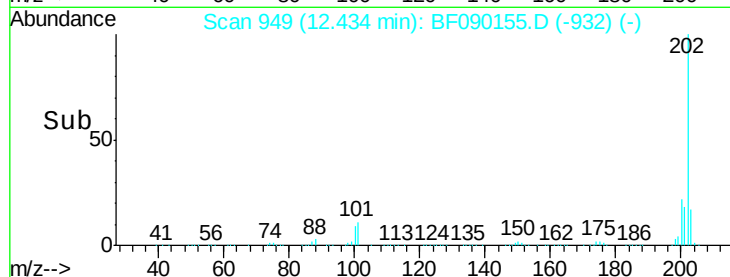
203 17.2 14.2 21.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 89.08 ng

RT: 12.59 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF090155.D

Acq: 21 Sep 2016 12:10

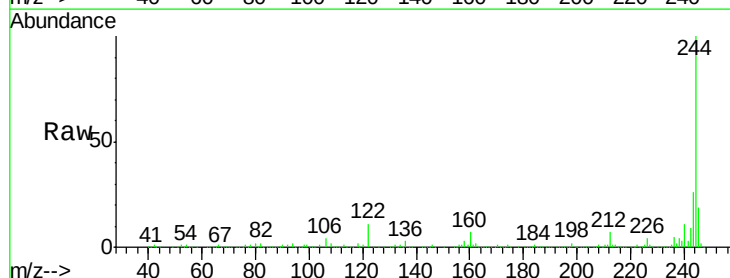
Tgt Ion:244 Resp: 1323912

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

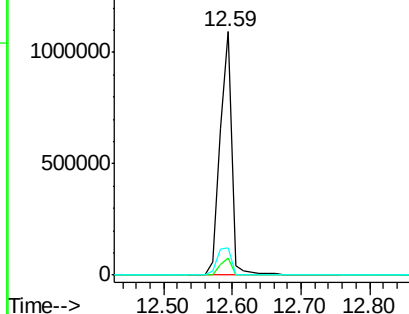
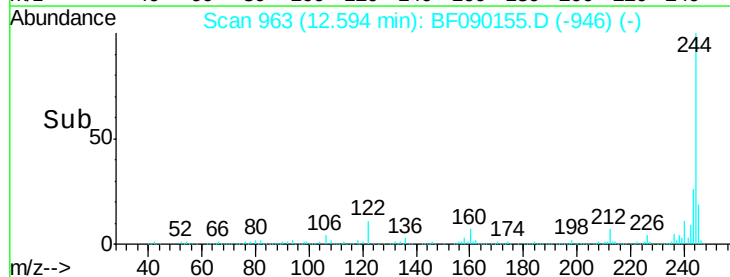
122 11.0 9.4 14.0

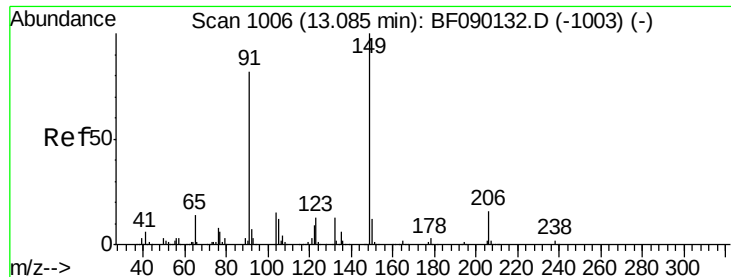


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

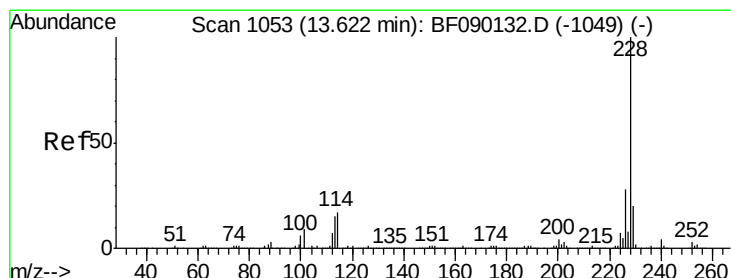
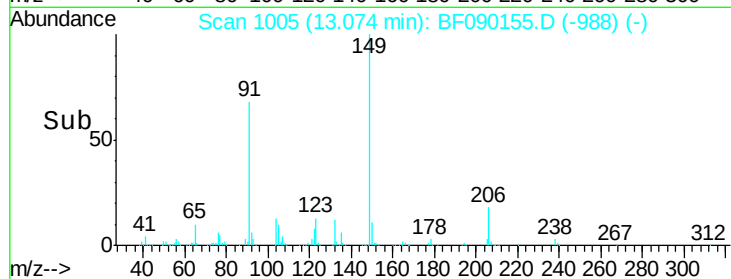
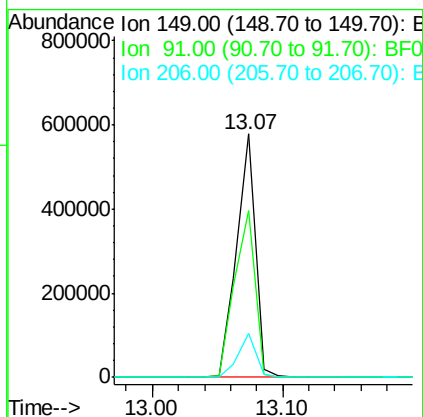
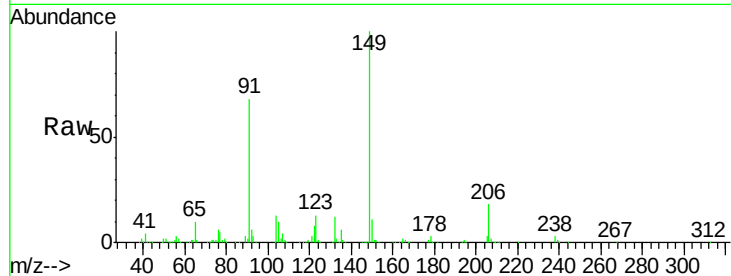




#79
Butylbenzylphthalate
Concen: 45.84 ng
RT: 13.07 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF090155.D
Acq: 21 Sep 2016 12:10

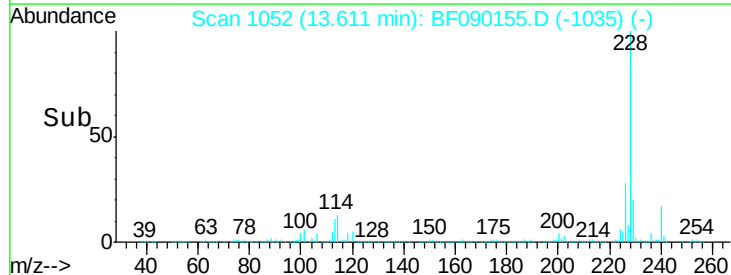
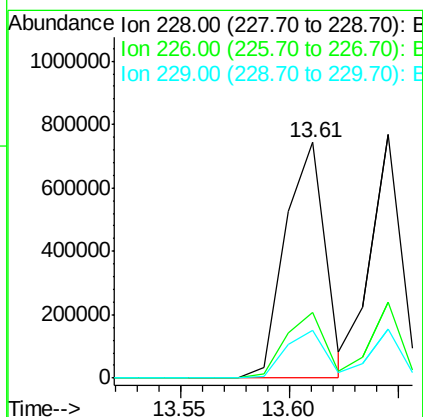
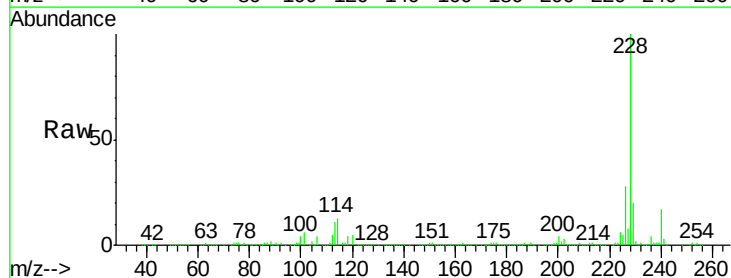
Instrument :
BNA_F
ClientSampleId :
PB93481BS

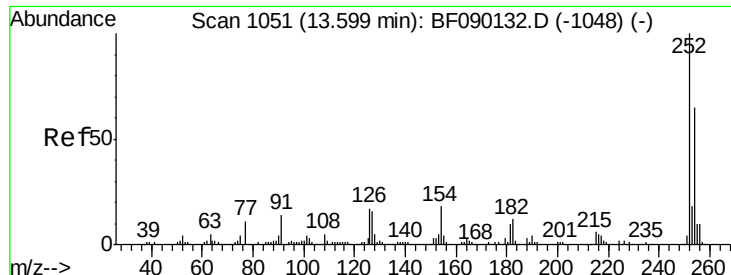
Tot Ion	Ratio	Lower	Upper
149	100		
91	68.3	49.8	74.6
206	18.2	16.3	24.5



#80
Benzo(a)anthracene
Concen: 46.75 ng
RT: 13.61 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF090155.D
Acq: 21 Sep 2016 12:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.0	33.0
229	20.1	16.2	24.2

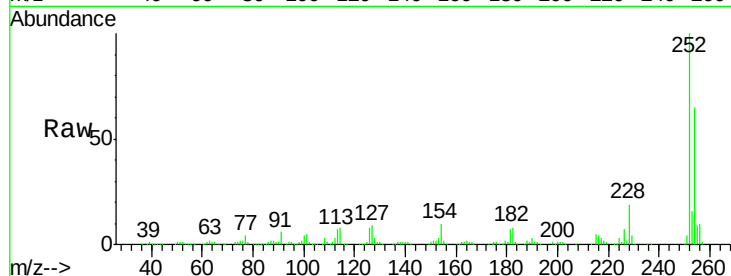




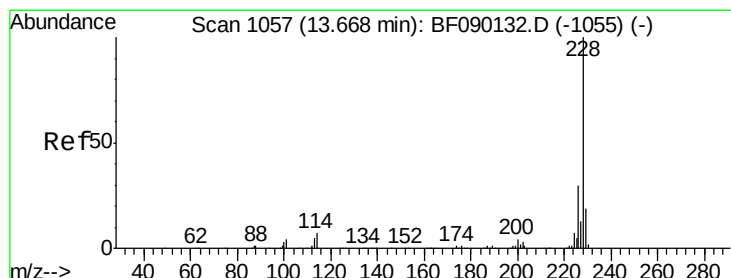
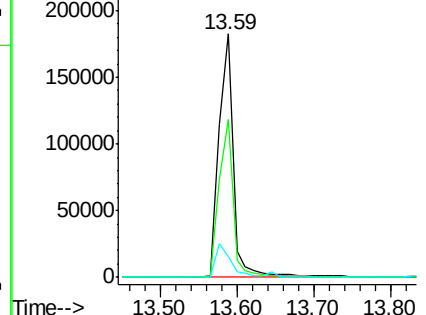
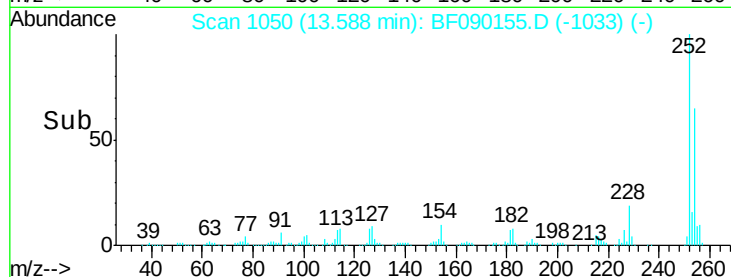
#81
 3,3'-Dichlorobenzidine
 Concen: 28.45 ng
 RT: 13.59 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: BF090155.D
 Acq: 21 Sep 2016 12:10

Instrument :
 BNA_F
 ClientSampleId :
 PB93481BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.7	50.7	76.1
126	8.5	9.2	13.8

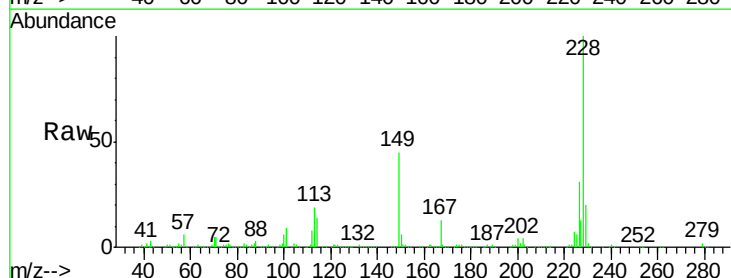


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

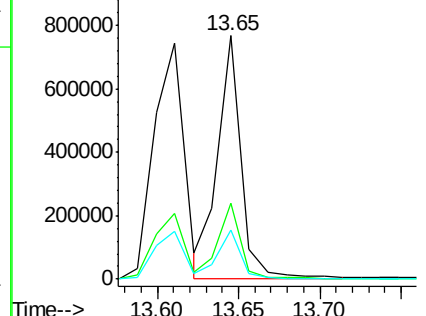
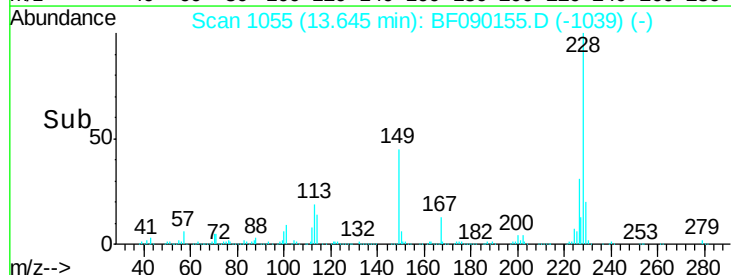


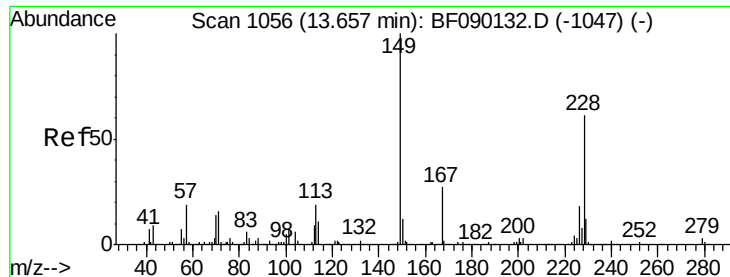
#82
 Chrysene
 Concen: 39.79 ng m
 RT: 13.65 min Scan# 1055
 Delta R.T. -0.02 min
 Lab File: BF090155.D
 Acq: 21 Sep 2016 12:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.6	37.0
229	20.1	16.2	24.4



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

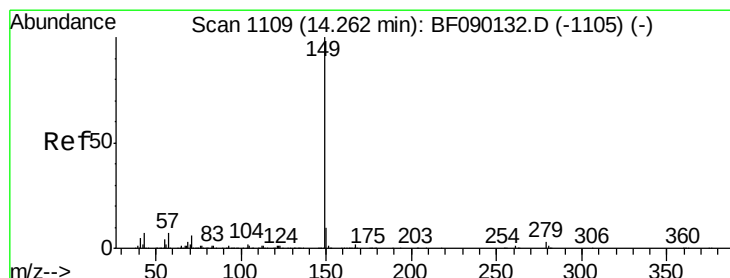
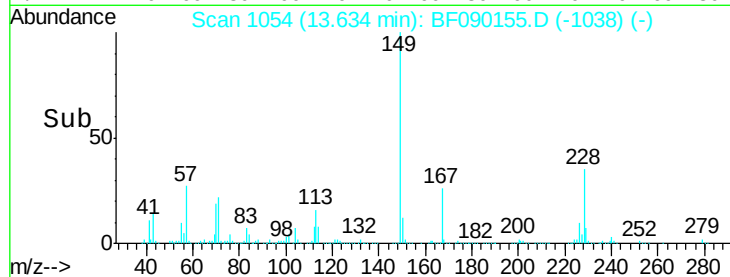
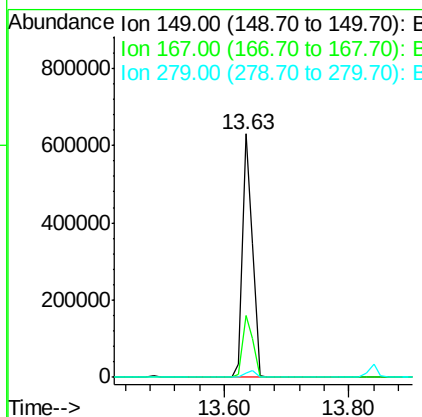
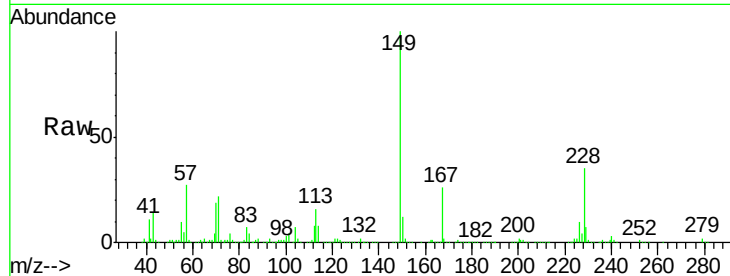




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.77 ng
 RT: 13.63 min Scan# 1054
 Delta R.T. -0.02 min
 Lab File: BF090155.D
 Acq: 21 Sep 2016 12:10

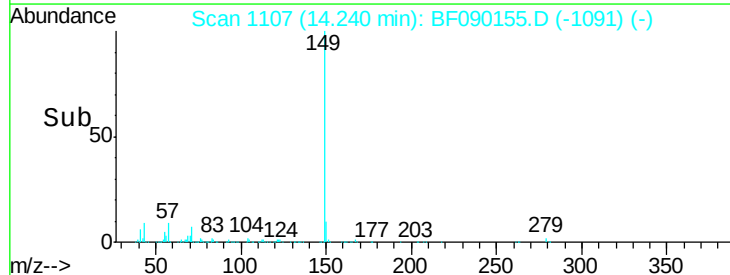
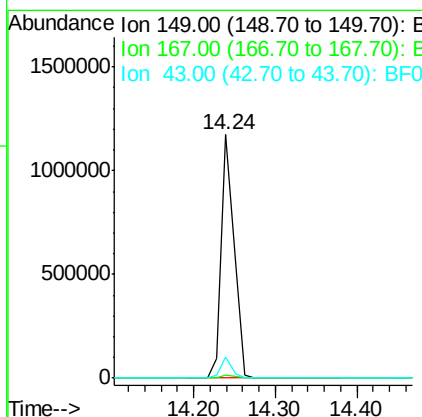
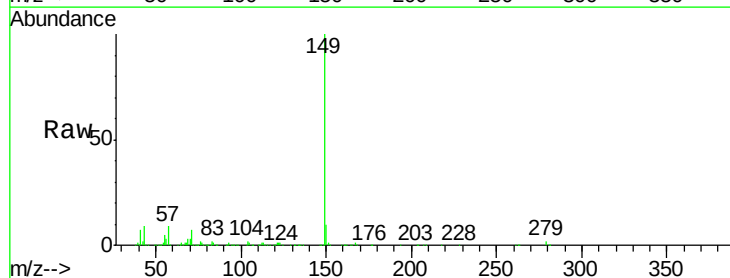
Instrument :
 BNA_F
 ClientSampleId :
 PB93481BS

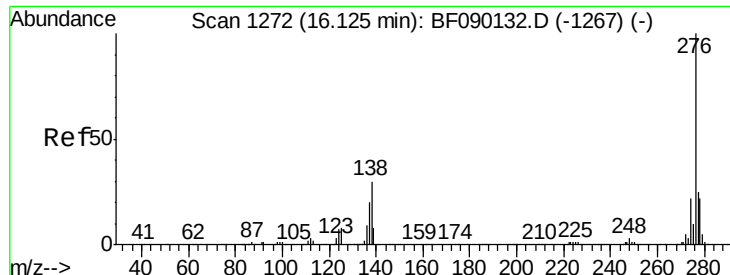
Tot Ion:149 Resp: 707483
 Ion Ratio Lower Upper
 149 100
 167 25.5 21.2 31.8
 279 2.0 2.2 3.2#



#84
 Di-n-octyl phthalate
 Concen: 45.36 ng
 RT: 14.24 min Scan# 1107
 Delta R.T. -0.02 min
 Lab File: BF090155.D
 Acq: 21 Sep 2016 12:10

Tgt Ion:149 Resp: 1263099
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 7.8 6.8 10.2

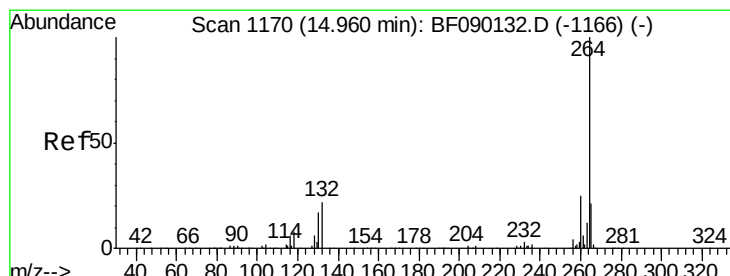
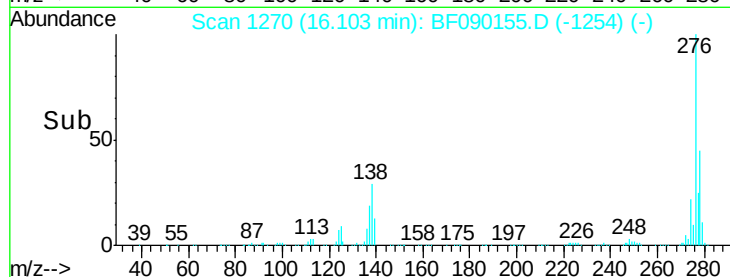
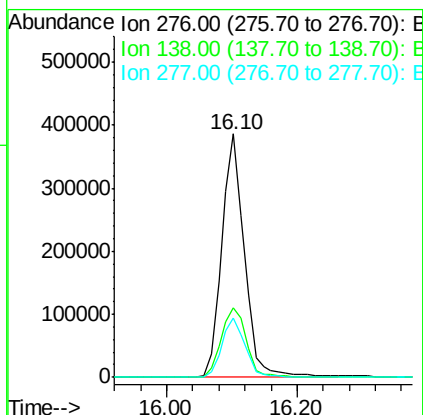
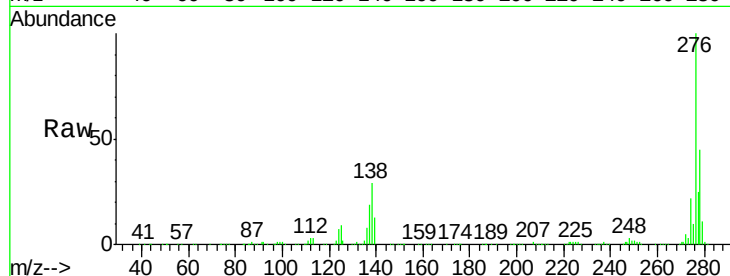




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 58.34 ng
 RT: 16.10 min Scan# 1270
 Delta R.T. -0.02 min
 Lab File: BF090155.D
 Acq: 21 Sep 2016 12:10

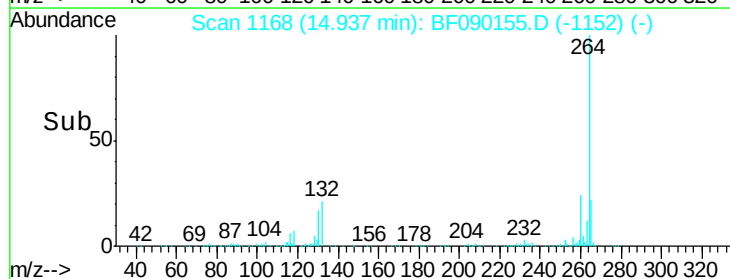
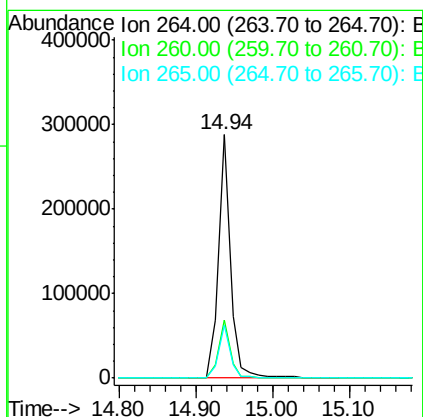
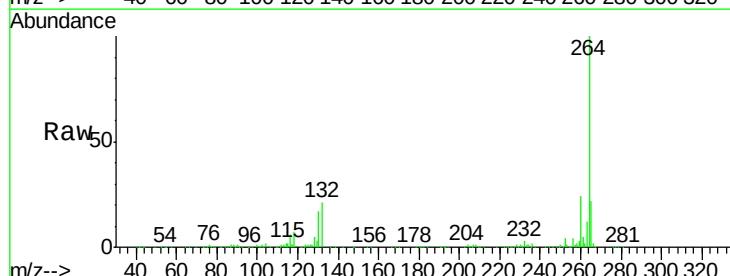
Instrument :
 BNA_F
 ClientSampleId :
 PB93481BS

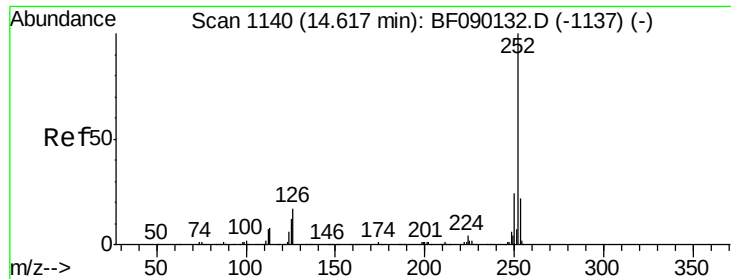
Tot Ion	Ratio	Lower	Upper
276	100		
138	32.1	25.9	38.9
277	25.3	19.9	29.9



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.94 min Scan# 1168
 Delta R.T. -0.02 min
 Lab File: BF090155.D
 Acq: 21 Sep 2016 12:10

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	21.5	17.0	25.4

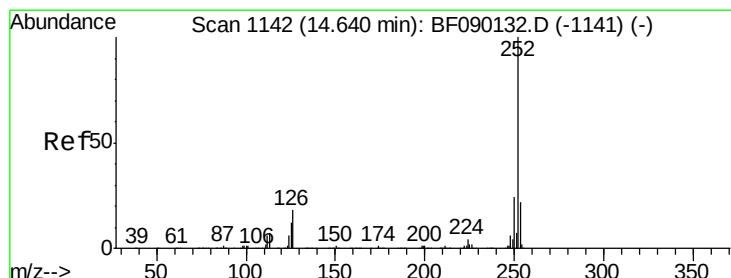
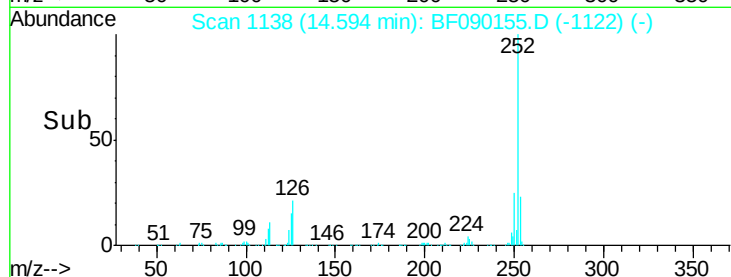
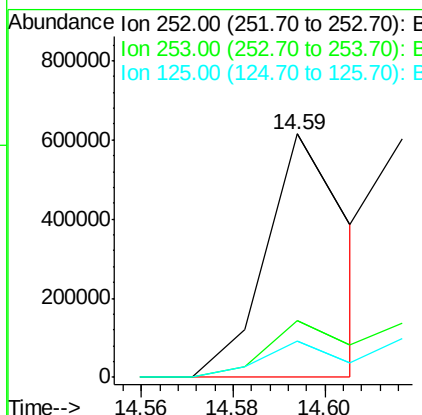
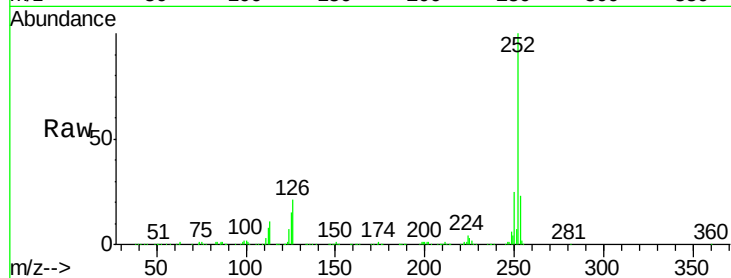




#87
Benzo(b)fluoranthene
Concen: 43.46 ng m
RT: 14.59 min Scan# 1138
Delta R.T. -0.02 min
Lab File: BF090155.D
Acq: 21 Sep 2016 12:10

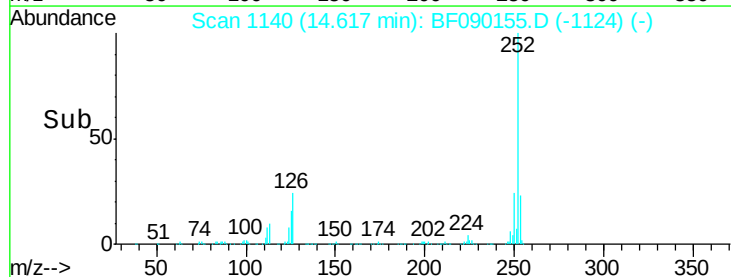
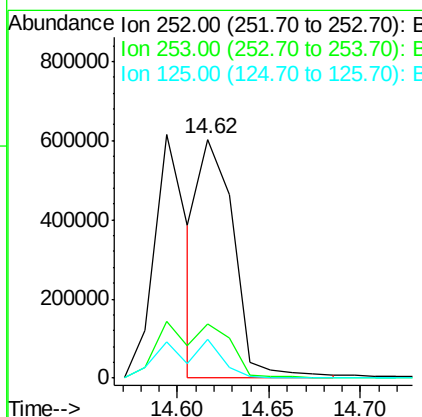
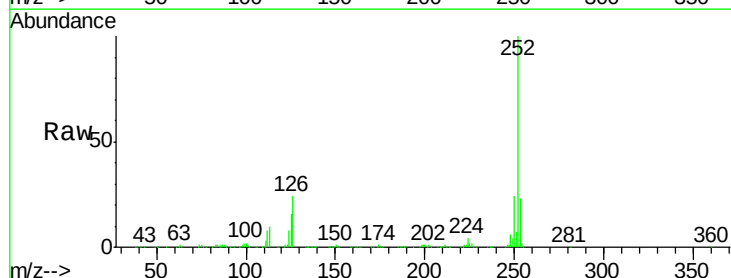
Instrument :
BNA_F
ClientSampleId :
PB93481BS

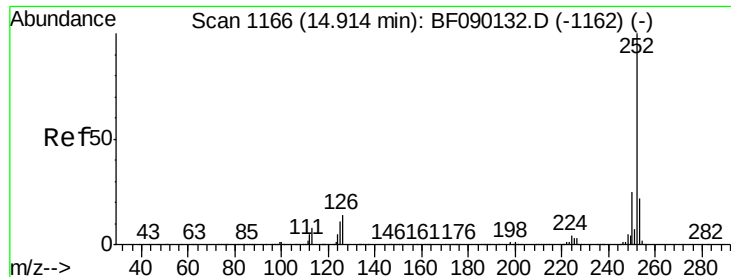
Tot Ion:252 Resp: 769548
Ion Ratio Lower Upper
252 100
253 23.2 17.9 26.9
125 15.1 12.7 19.1



#88
Benzo(k)fluoranthene
Concen: 47.81 ng m
RT: 14.62 min Scan# 1140
Delta R.T. -0.02 min
Lab File: BF090155.D
Acq: 21 Sep 2016 12:10

Tgt Ion:252 Resp: 794423
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.8
125 16.3 7.8 11.6#

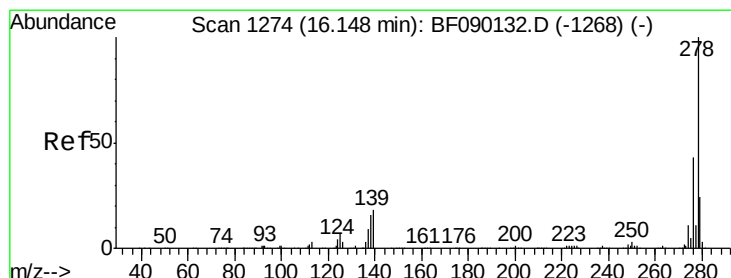
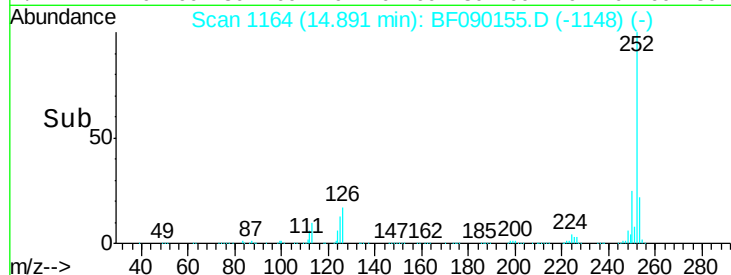
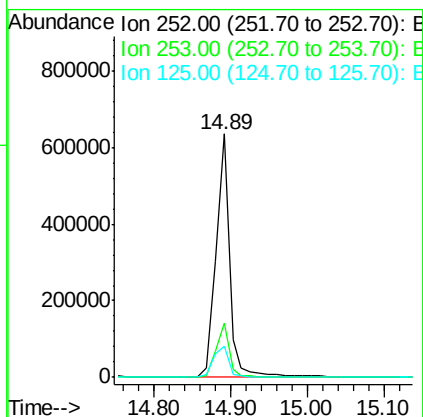
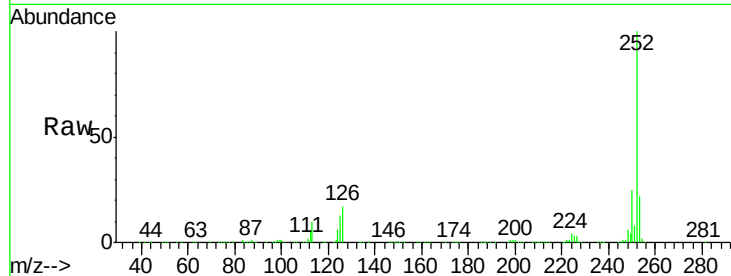




#89
Benzo(a)pyrene
Concen: 46.40 ng
RT: 14.89 min Scan# 1164
Delta R.T. -0.02 min
Lab File: BF090155.D
Acq: 21 Sep 2016 12:10

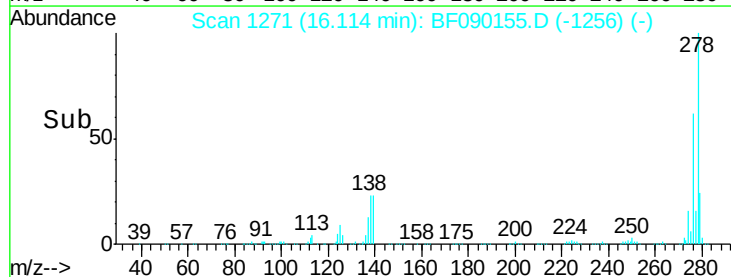
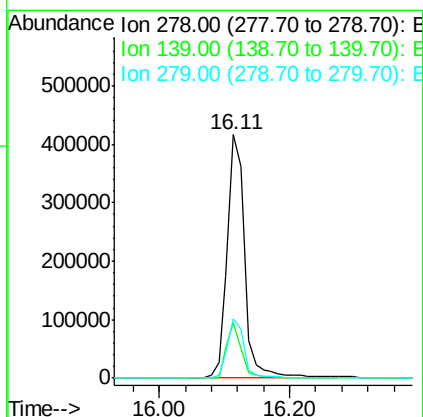
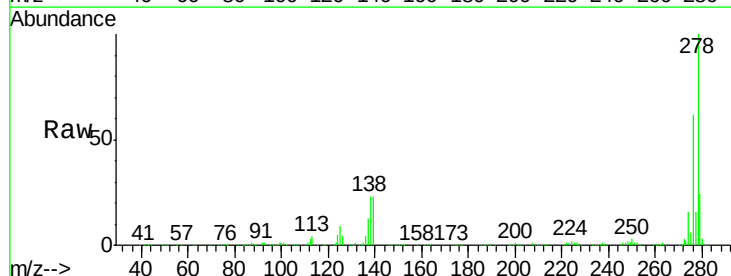
Instrument :
BNA_F
ClientSampleId :
PB93481BS

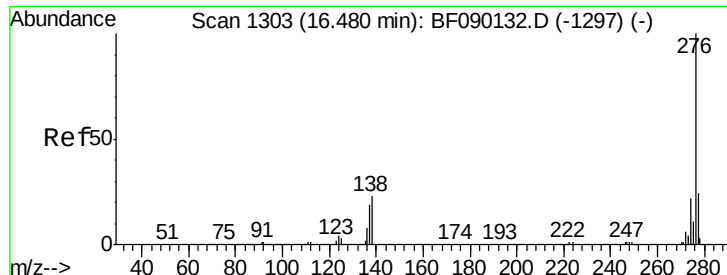
Tot Ion:252 Resp: 772803
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 12.9 7.7 11.5#



#90
Dibenzo(a,h)anthracene
Concen: 59.99 ng
RT: 16.11 min Scan# 1271
Delta R.T. -0.03 min
Lab File: BF090155.D
Acq: 21 Sep 2016 12:10

Tgt Ion:278 Resp: 779707
Ion Ratio Lower Upper
278 100
139 22.9 14.6 21.8#
279 24.1 18.8 28.2

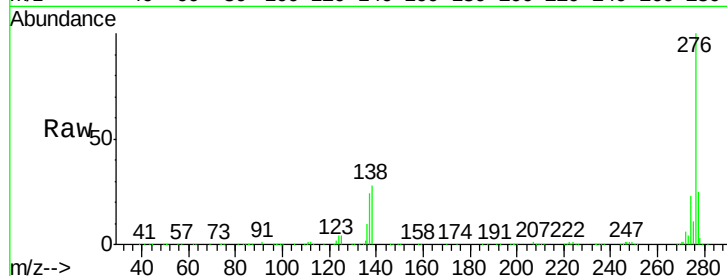




#91
 Benzo(a,h,i)perylene
 Concen: 62.64 ng
 RT: 16.45 min Scan# 1300
 Delta R.T. -0.03 min
 Lab File: BF090155.D
 Acq: 21 Sep 2016 12:10

Instrument :
 BNA_F
 ClientSampleId :
 PB93481BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.9	28.3
138	28.4	23.3	34.9



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

