

Data Path : Z:\HPCHEM1\BNA_F\Data\BF091516\
 Data File : BF090080.D
 Acq On : 15 Sep 2016 5:30
 Operator : UM/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 15 11:12:26 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 15 10:12:11 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	164150	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	684190	20.00	ng	0.00
38) Acenaphthene-d10	9.59	164	339526	20.00	ng	0.00
63) Phenanthrene-d10	11.05	188	581998	20.00	ng	0.00
75) Chrysene-d12	13.67	240	446540	20.00	ng	0.00
86) Perylene-d12	14.99	264	395286	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.12	112	892736	87.47	ng	0.00
7) Phenol-d6	6.20	99	1040326	77.86	ng	0.00
23) Nitrobenzene-d5	7.13	82	991893	81.51	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	272381	79.87	ng	0.00
44) 2-Fluorobiphenyl	8.92	172	1599789	74.00	ng	0.00
78) Terphenyl-d14	12.64	244	1407502	74.85	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.00	88	222055	41.67	ng	99
3) Pyridine	2.59	79	601536	44.25	ng	97
4) n-Nitrosodimethylamine	2.56	42	181428	42.37	ng	91
6) Aniline	6.22	93	681798	41.11	ng	97
8) 2-Chlorophenol	6.33	128	473222	40.24	ng	100
9) Benzaldehyde	6.09	77	296910	41.69	ng	99
10) Phenol	6.22	94	569687	37.98	ng	98
11) bis(2-Chloroethyl)ether	6.30	93	465115	38.67	ng	99
12) 1,3-Dichlorobenzene	6.49	146	491847	40.66	ng	99
13) 1,4-Dichlorobenzene	6.57	146	509963	40.84	ng	99
14) 1,2-Dichlorobenzene	6.72	146	430152	37.91	ng	# 89
15) Benzyl Alcohol	6.71	79	308035	40.94	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.84	45	590355	41.42	ng	99
17) 2-Methylphenol	6.83	107	395734	41.15	ng	99
18) Hexachloroethane	7.06	117	171172	37.77	ng	99
19) n-Nitroso-di-n-propylamine	6.99	70	329013	39.62	ng	100
20) 3+4-Methylphenols	6.99	107	488602	43.41	ng	99
22) Acetophenone	6.98	105	679286	41.01	ng	99
24) Nitrobenzene	7.14	77	473231	36.92	ng	99
25) Isophorone	7.39	82	1011284	39.69	ng	100
26) 2-Nitrophenol	7.46	139	260024	41.84	ng	99
27) 2,4-Dimethylphenol	7.52	122	462891	42.33	ng	99
28) bis(2-Chloroethoxy)methane	7.61	93	582029	38.94	ng	99
29) 2,4-Dichlorophenol	7.71	162	388922	40.26	ng	100
30) 1,2,4-Trichlorobenzene	7.78	180	373917	39.24	ng	100
31) Naphthalene	7.86	128	1301397	38.70	ng	100
32) Benzoic acid	7.68	122	348221	39.70	ng	99
33) 4-Chloroaniline	7.92	127	568104	39.69	ng	100
34) Hexachlorobutadiene	7.99	225	189408	38.82	ng	99
35) Caprolactam	8.31	113	128766	39.92	ng	95
36) 4-Chloro-3-methylphenol	8.41	107	449766	40.11	ng	99
37) 2-Methylnaphthalene	8.55	142	820830	39.35	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	320720	36.74	ng	100
40) Hexachlorocyclopentadiene	8.71	237	180881	39.87	ng	98

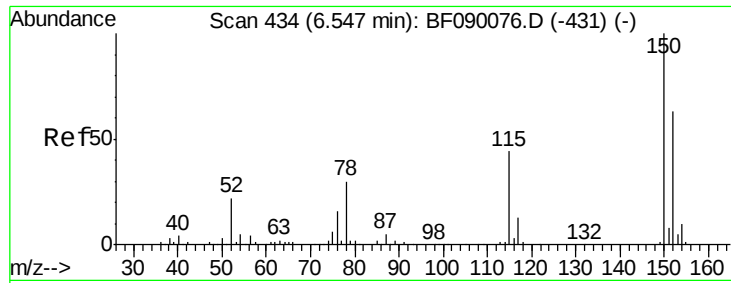
Data Path : Z:\HPCHEM1\BNA_F\Data\BF091516\
 Data File : BF090080.D
 Acq On : 15 Sep 2016 5:30
 Operator : UM/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 15 11:12:26 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 15 10:12:11 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.83	196	249262	39.39	ng	99
43) 2,4,5-Trichlorophenol	8.88	196	272659	40.06	ng	99
45) 1,1'-Biphenyl	9.02	154	991343	35.68	ng	100
46) 2-Chloronaphthalene	9.04	162	797825	38.75	ng	99
47) 2-Nitroaniline	9.14	65	285948	43.51	ng	95
48) Acenaphthylene	9.45	152	1389652	40.19	ng	99
49) Dimethylphthalate	9.34	163	1039104	41.20	ng	100
50) 2,6-Dinitrotoluene	9.39	165	226610	40.21	ng	# 55
51) Acenaphthene	9.62	154	791976	41.01	ng	99
52) 3-Nitroaniline	9.55	138	278244	40.58	ng	96
53) 2,4-Dinitrophenol	9.66	184	129660	42.32	ng	98
54) Dibenzofuran	9.79	168	1072982	40.18	ng	99
55) 4-Nitrophenol	9.72	139	198104	41.06	ng	93
56) 2,4-Dinitrotoluene	9.78	165	248615	36.19	ng	100
57) Fluorene	10.12	166	782771	38.40	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.91	232	192266	37.04	ng	99
59) Diethylphthalate	10.02	149	900196	36.87	ng	100
60) 4-Chlorophenyl-phenylether	10.12	204	321379	39.35	ng	99
61) 4-Nitroaniline	10.17	138	290632	41.87	ng	96
62) Azobenzene	10.28	77	944867	36.88	ng	99
64) 4,6-Dinitro-2-methylphenol	10.19	198	173299	43.95	ng	88
65) n-Nitrosodiphenylamine	10.25	169	732257	39.71	ng	100
66) 4-Bromophenyl-phenylether	10.62	248	247046	44.04	ng	99
67) Hexachlorobenzene	10.67	284	276508	41.82	ng	97
68) Atrazine	10.79	200	254652	46.47	ng	98
69) Pentachlorophenol	10.87	266	174967	45.18	ng	99
70) Phenanthrene	11.07	178	1133832	40.31	ng	100
71) Anthracene	11.13	178	1212703	39.49	ng	100
72) Carbazole	11.29	167	1329220	42.19	ng	99
73) Di-n-butylphthalate	11.63	149	1321680	37.41	ng	100
74) Fluoranthene	12.25	202	1129331	38.32	ng	100
76) Benzidine	12.39	184	726286	39.87	ng	99
77) Pyrene	12.48	202	1259245	38.64	ng	100
79) Butylbenzylphthalate	13.12	149	630366	38.84	ng	99
80) Benzo(a)anthracene	13.66	228	1009912	38.74	ng	100
81) 3,3'-Dichlorobenzidine	13.63	252	429607	39.32	ng	98
82) Chrysene	13.69	228	788992	32.27	ng	100
83) Bis(2-ethylhexyl)phthalate	13.68	149	746207	37.17	ng	100
84) Di-n-octyl phthalate	14.29	149	1344113	37.46	ng	100
85) Indeno(1,2,3-cd)pyrene	16.17	276	741942	34.92	ng	100
87) Benzo(b)fluoranthene	14.67	252	1804219	77.86	ng	# 94
88) Benzo(k)fluoranthene	14.67	252	1805245	86.53	ng	100
89) Benzo(a)pyrene	14.95	252	835245	40.19	ng	99
90) Dibenzo(a,h)anthracene	16.19	278	617129	37.92	ng	98
91) Benzo(g,h,i)perylene	16.53	276	589747	37.97	ng	99

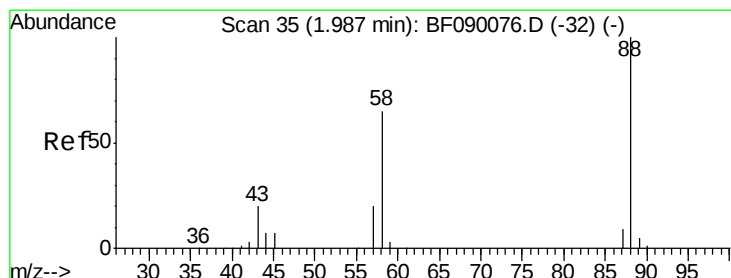
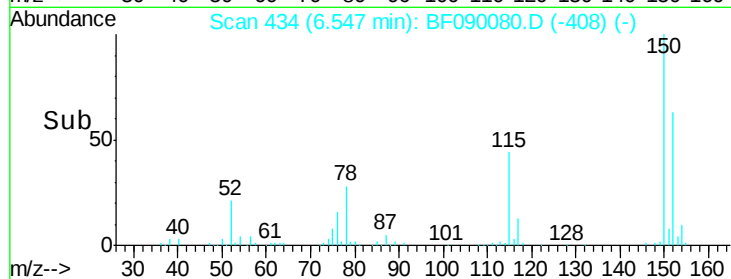
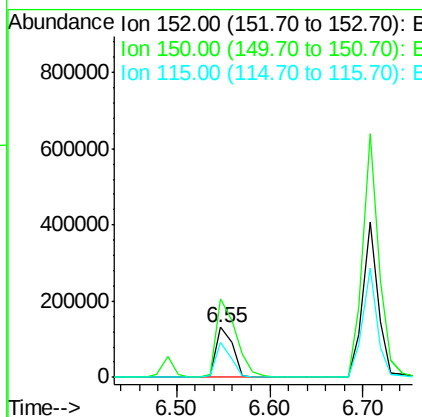
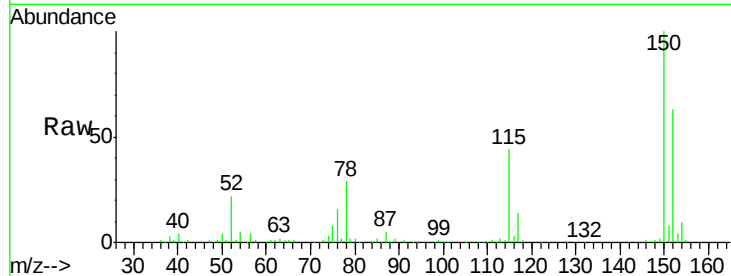
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.55 min Scan# 434
 Delta R.T. 0.00 min
 Lab File: BF090080.D
 Acq: 15 Sep 2016 5:30

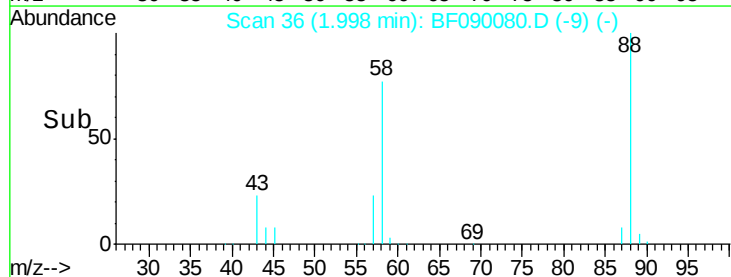
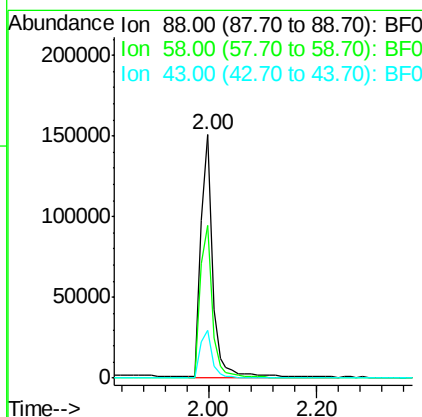
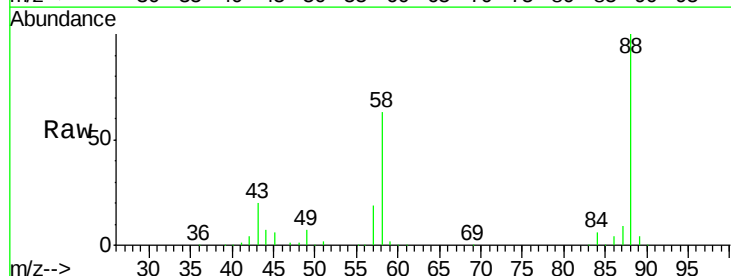
Instrument :
 BNA_F
 ClientSampleId :

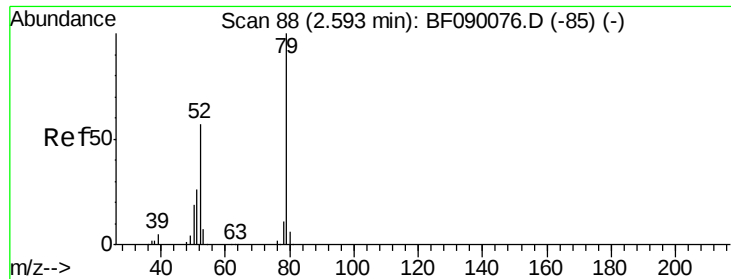
Tgt Ion: 152 Resp: 164150
 Ion Ratio Lower Upper
 152 100
 150 158.4 128.9 193.3
 115 69.1 55.5 83.3



#2
 1,4-Dioxane
 Concen: 41.67 ng
 RT: 2.00 min Scan# 36
 Delta R.T. 0.01 min
 Lab File: BF090080.D
 Acq: 15 Sep 2016 5:30

Tgt Ion: 88 Resp: 222055
 Ion Ratio Lower Upper
 88 100
 58 65.7 53.4 80.0
 43 20.6 16.5 24.7

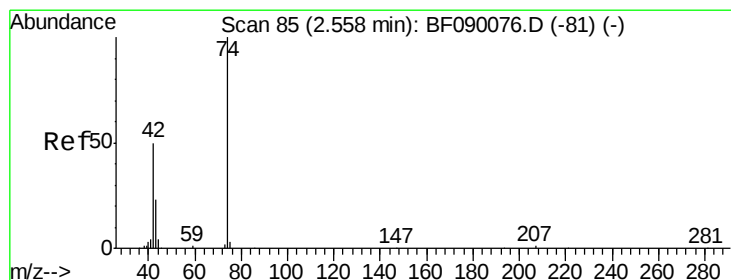
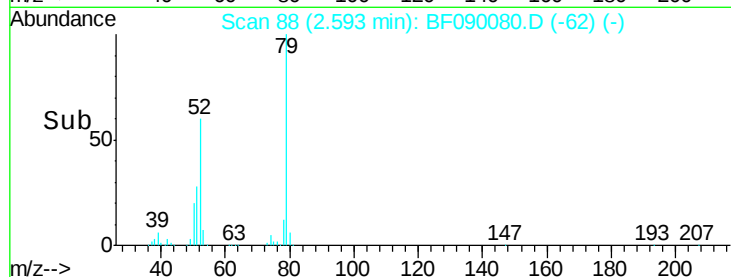
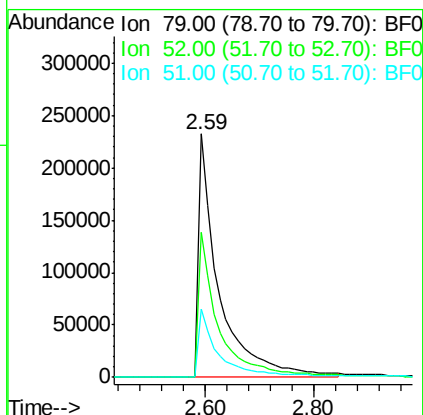
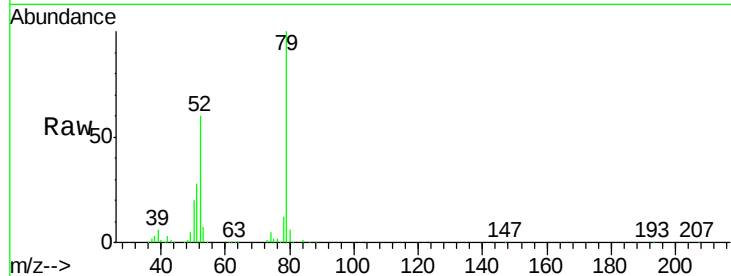




#3
 Pyridine
 Concen: 44.25 ng
 RT: 2.59 min Scan# 88
 Delta R.T. 0.00 min
 Lab File: BF090080.D
 Acq: 15 Sep 2016 5:30

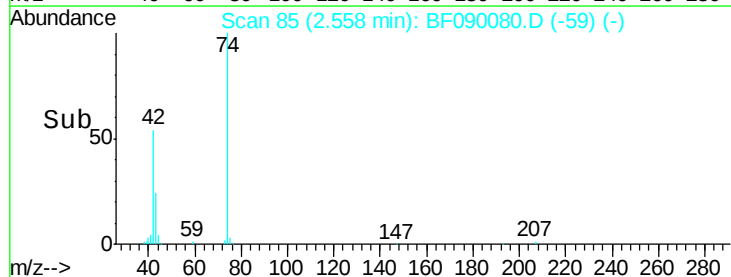
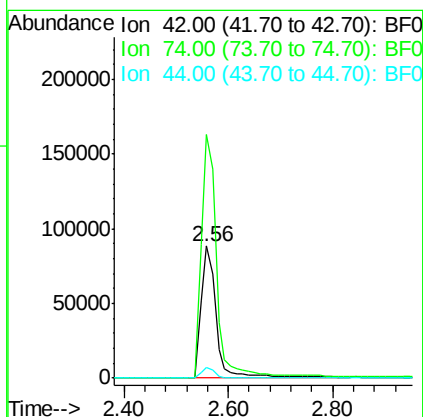
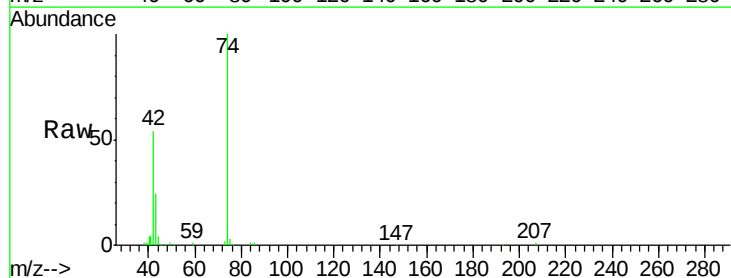
Instrument :
 BNA_F
 ClientSampleId :

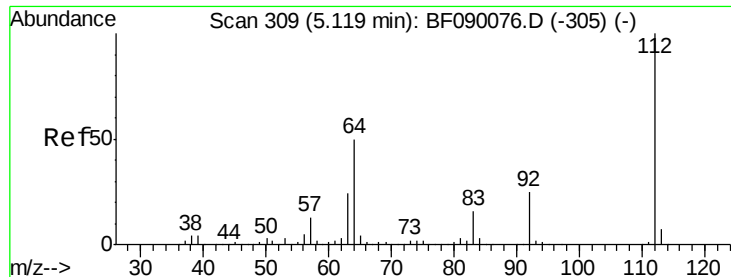
Tgt Ion: 79 Resp: 601536
 Ion Ratio Lower Upper
 79 100
 52 59.5 45.9 68.9
 51 28.1 21.3 31.9



#4
 n-Nitrosodimethylamine
 Concen: 42.37 ng
 RT: 2.56 min Scan# 85
 Delta R.T. 0.00 min
 Lab File: BF090080.D
 Acq: 15 Sep 2016 5:30

Tgt Ion: 42 Resp: 181428
 Ion Ratio Lower Upper
 42 100
 74 184.2 158.7 238.1
 44 7.9 6.4 9.6





#5

2-Fluorophenol

Concen: 87.47 ng

RT: 5.12 min Scan# 309

Delta R.T. 0.00 min

Lab File: BF090080.D

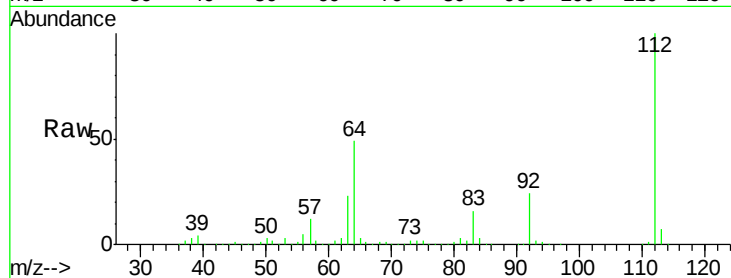
Acq: 15 Sep 2016 5:30

Instrument :

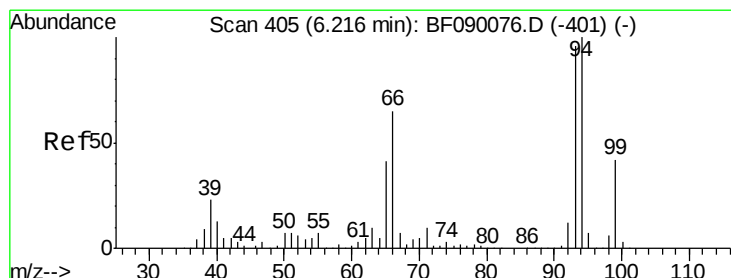
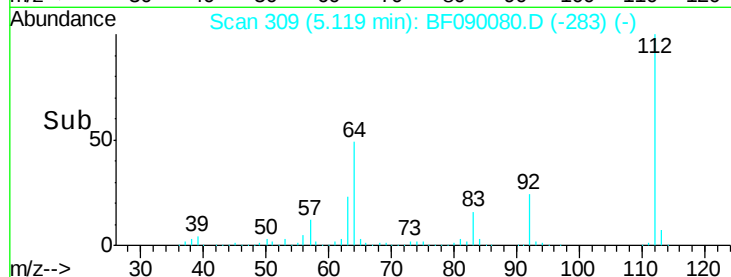
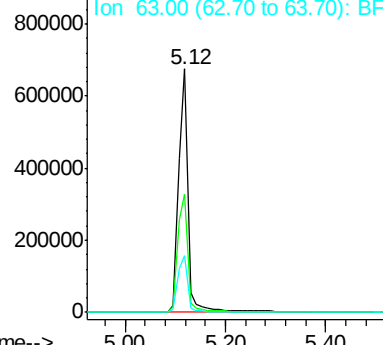
BNA_F

ClientSampleId :

Tgt Ion:	112	Resp:	892736
Ion	Ratio	Lower	Upper
112	100		
64	48.7	39.8	59.6
63	23.1	18.9	28.3



Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 41.11 ng

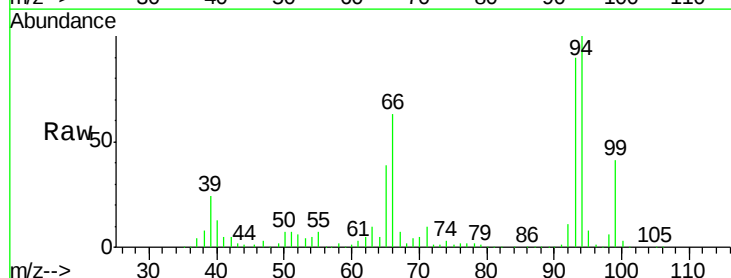
RT: 6.22 min Scan# 405

Delta R.T. 0.00 min

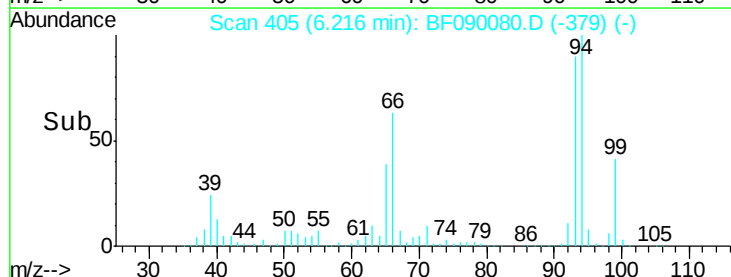
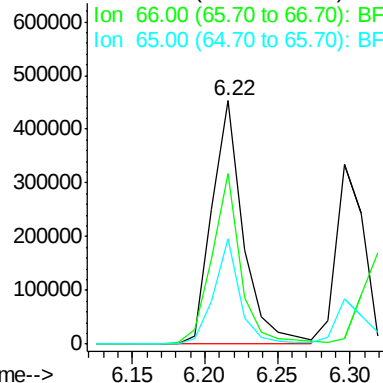
Lab File: BF090080.D

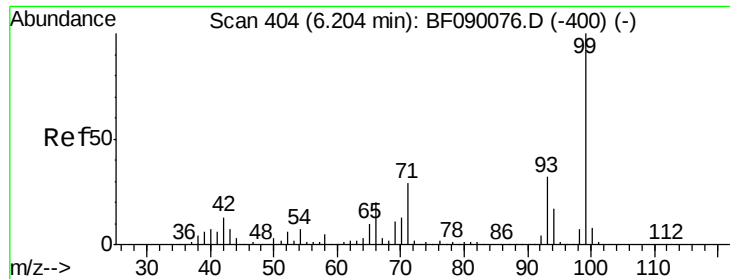
Acq: 15 Sep 2016 5:30

Tgt Ion:	93	Resp:	681798
Ion	Ratio	Lower	Upper
93	100		
66	70.0	54.2	81.2
65	43.4	33.8	50.6



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 77.86 ng

RT: 6.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF090080.D

Acq: 15 Sep 2016 5:30

Instrument :

BNA_F

ClientSampled :

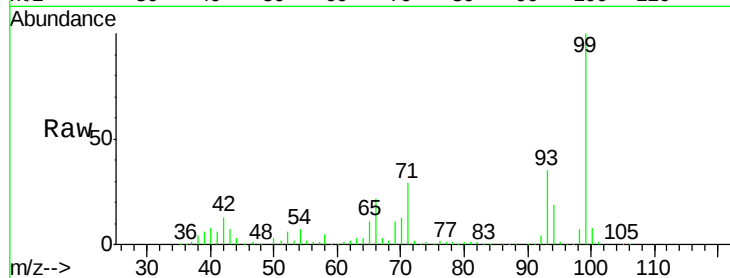
Tgt Ion: 99 Resp: 1040326

Ion Ratio Lower Upper

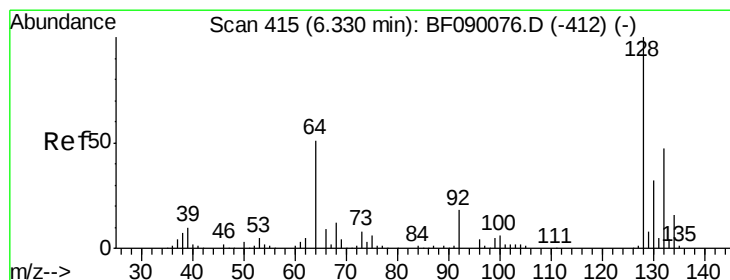
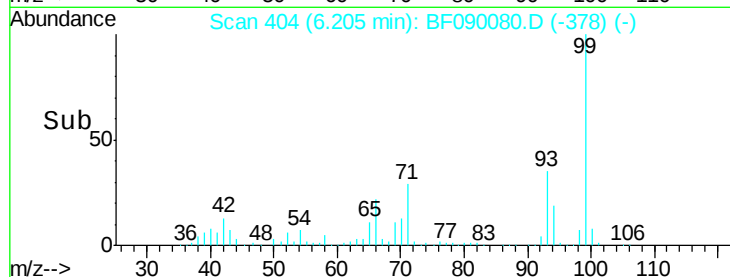
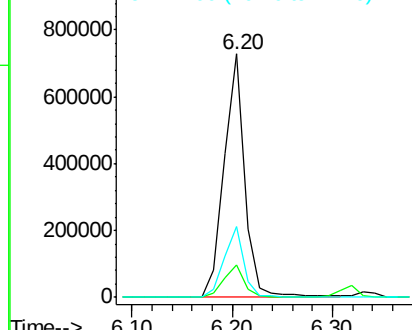
99 100

42 13.4 10.6 15.8

71 28.9 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: 40.24 ng

RT: 6.33 min Scan# 415

Delta R.T. 0.00 min

Lab File: BF090080.D

Acq: 15 Sep 2016 5:30

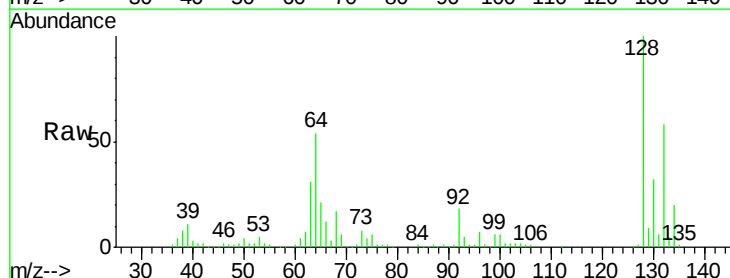
Tgt Ion: 128 Resp: 473222

Ion Ratio Lower Upper

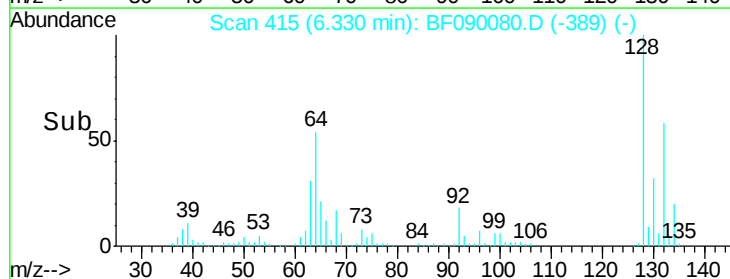
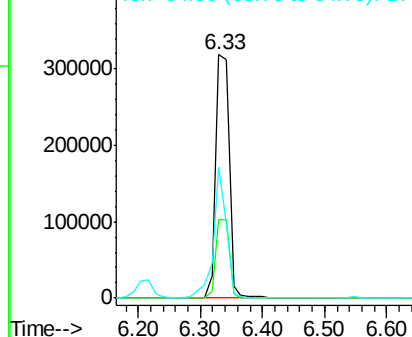
128 100

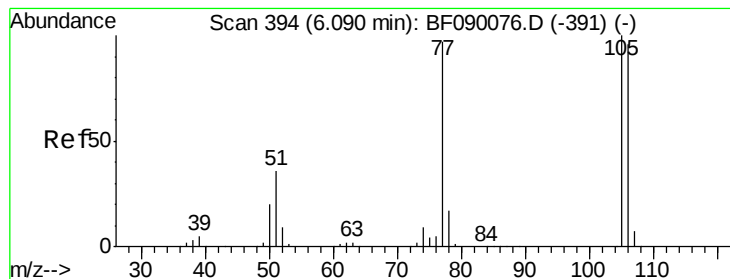
130 32.1 12.0 52.0

64 54.0 33.6 73.6



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





#9

Benzaldehyde

Concen: 41.69 ng

RT: 6.09 min Scan# 394

Delta R.T. 0.00 min

Lab File: BF090080.D

Acq: 15 Sep 2016 5:30

Instrument :

BNA_F

ClientSampleId :

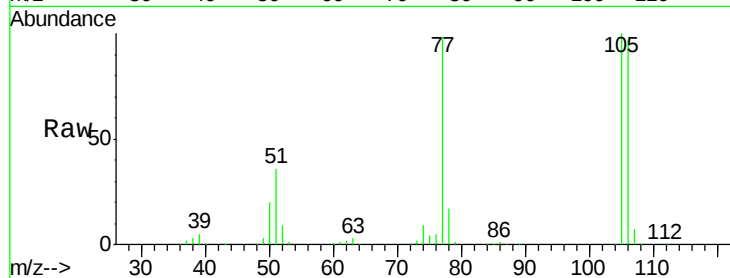
Tgt Ion: 77 Resp: 296910

Ion Ratio Lower Upper

77 100

105 102.4 83.0 123.0

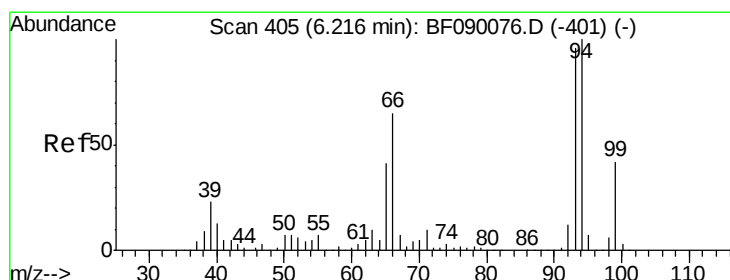
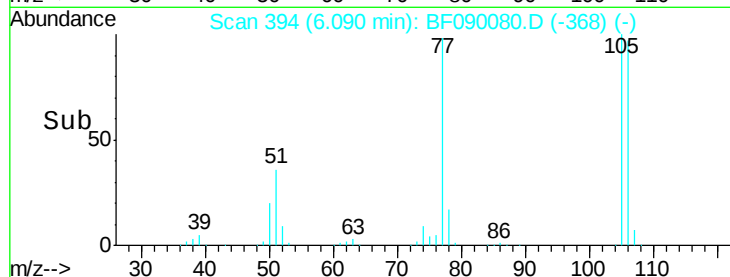
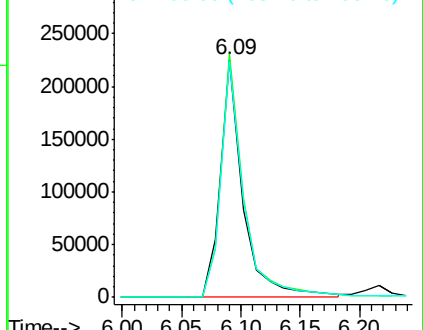
106 99.2 78.5 118.5



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 37.98 ng

RT: 6.22 min Scan# 405

Delta R.T. 0.00 min

Lab File: BF090080.D

Acq: 15 Sep 2016 5:30

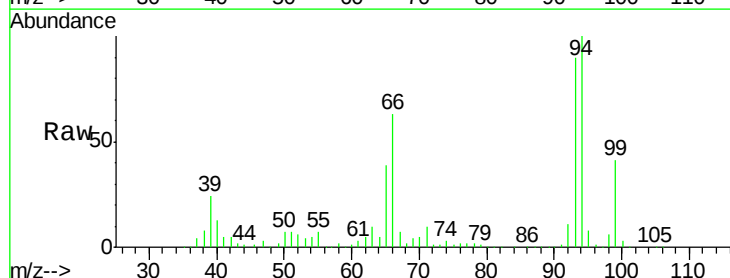
Tgt Ion: 94 Resp: 569687

Ion Ratio Lower Upper

94 100

65 39.3 20.6 60.6

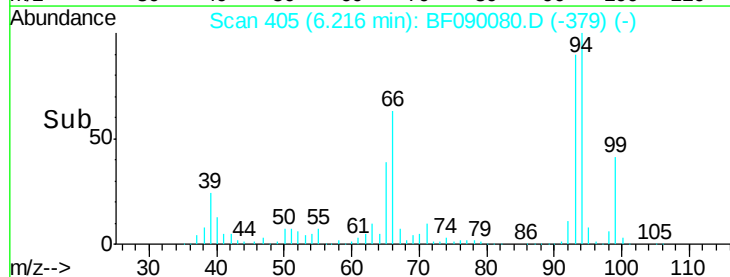
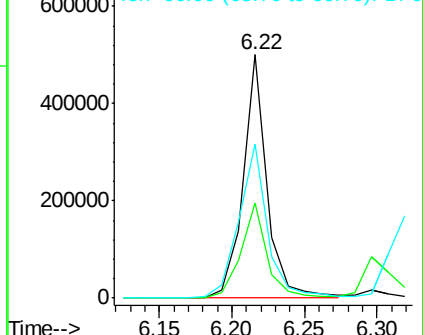
66 63.4 45.1 85.1

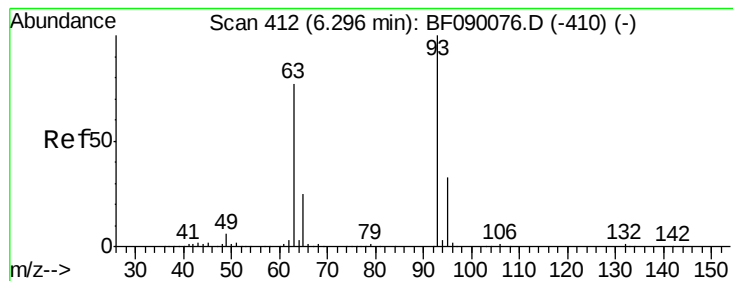


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 38.67 ng

RT: 6.30 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF090080.D

Acq: 15 Sep 2016 5:30

Instrument :

BNA_F

ClientSampleId :

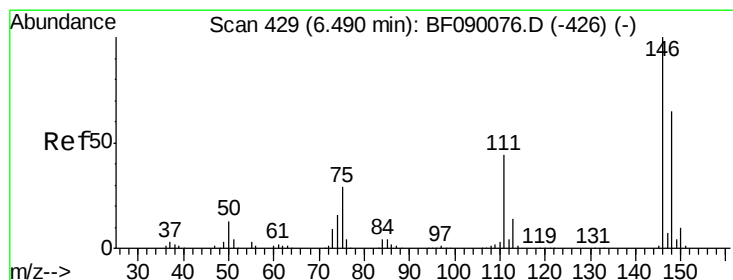
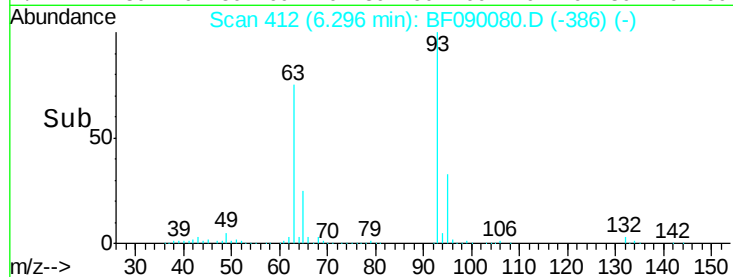
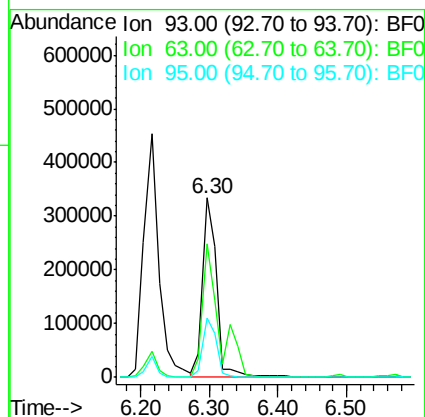
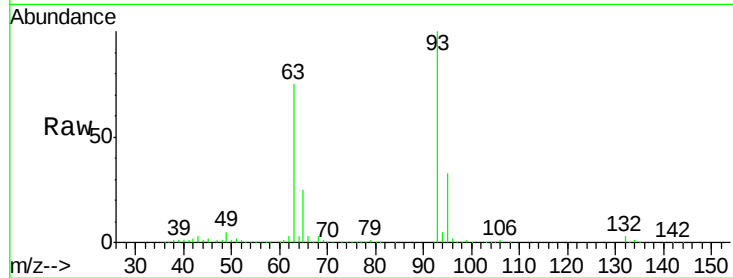
Tgt Ion: 93 Resp: 465115

Ion Ratio Lower Upper

93 100

63 74.8 55.6 95.6

95 32.8 12.6 52.6



#12

1,3-Dichlorobenzene

Concen: 40.66 ng

RT: 6.49 min Scan# 429

Delta R.T. 0.00 min

Lab File: BF090080.D

Acq: 15 Sep 2016 5:30

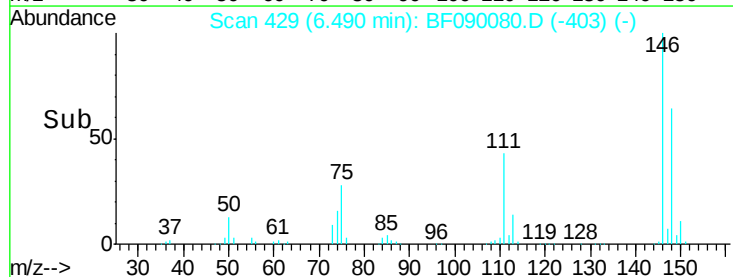
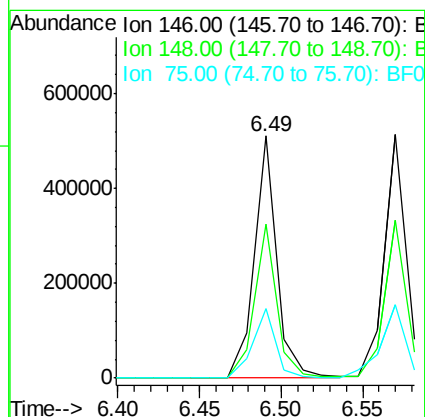
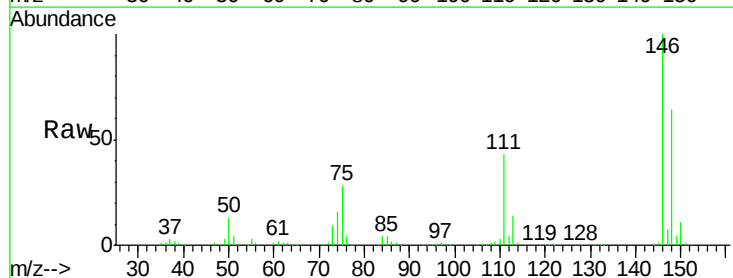
Tgt Ion: 146 Resp: 491847

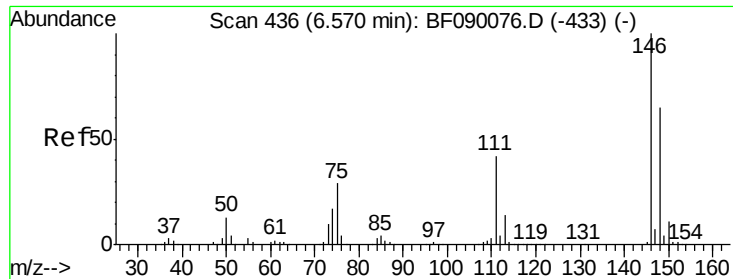
Ion Ratio Lower Upper

146 100

148 63.7 51.9 77.9

75 28.5 22.8 34.2

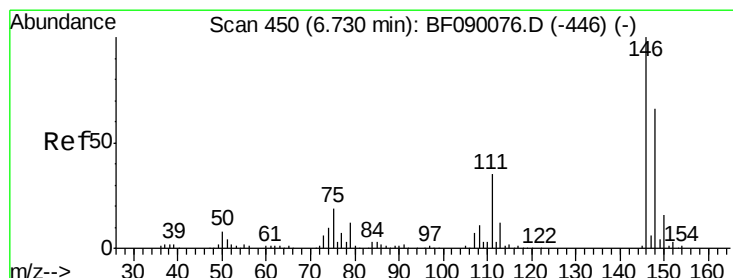
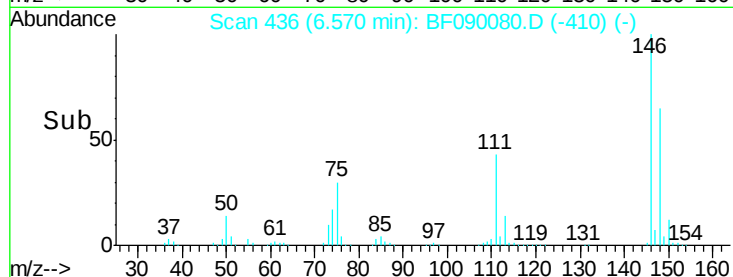
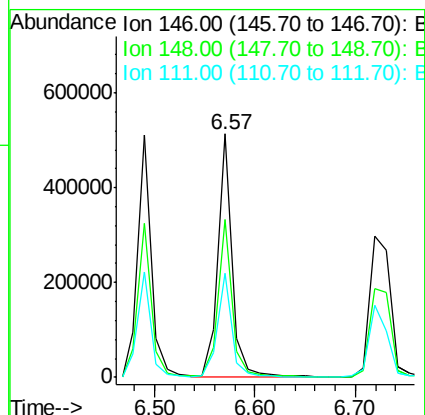
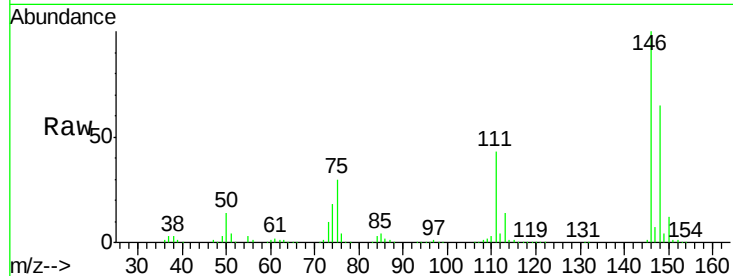




#13
 1,4-Dichlorobenzene
 Concen: 40.84 ng
 RT: 6.57 min Scan# 436
 Delta R.T. 0.00 min
 Lab File: BF090080.D
 Acq: 15 Sep 2016 5:30

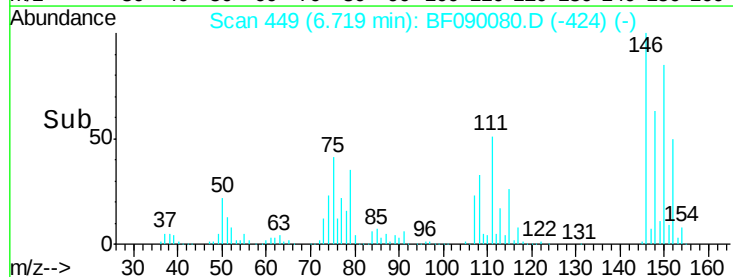
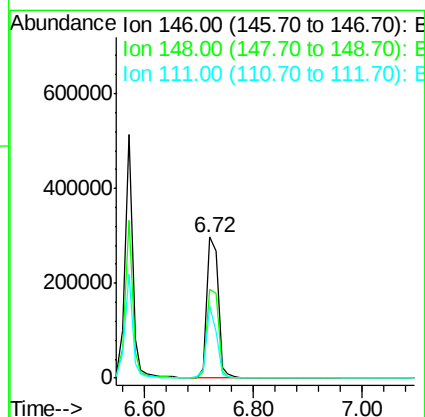
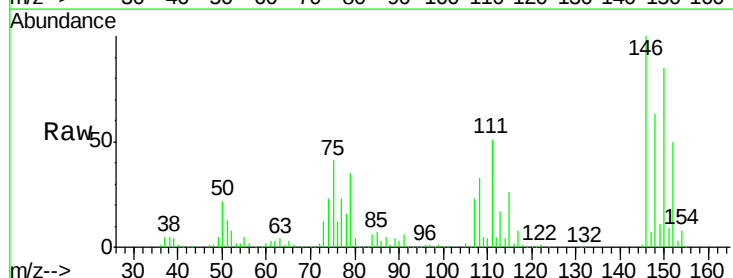
Instrument :
 BNA_F
 ClientSampleId :

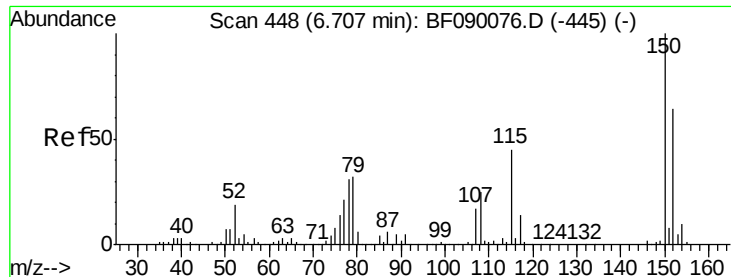
Tgt Ion:146 Resp: 509963
 Ion Ratio Lower Upper
 146 100
 148 64.7 52.0 78.0
 111 42.9 33.8 50.6



#14
 1,2-Dichlorobenzene
 Concen: 37.91 ng
 RT: 6.72 min Scan# 449
 Delta R.T. -0.01 min
 Lab File: BF090080.D
 Acq: 15 Sep 2016 5:30

Tgt Ion:146 Resp: 430152
 Ion Ratio Lower Upper
 146 100
 148 63.5 52.6 79.0
 111 51.1 28.2 42.2#

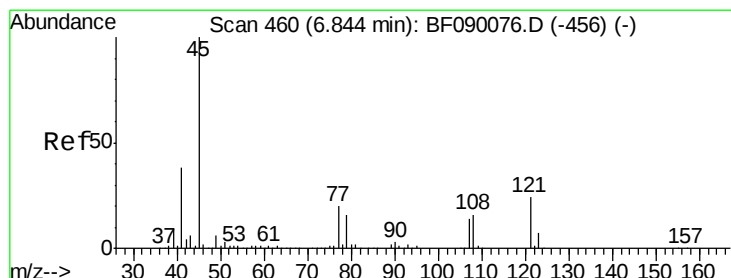
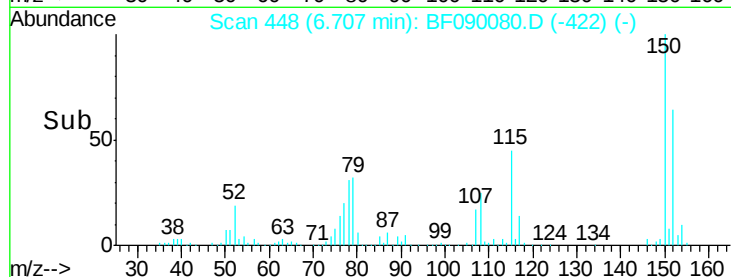
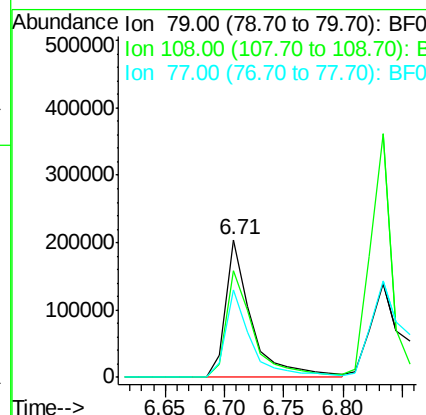
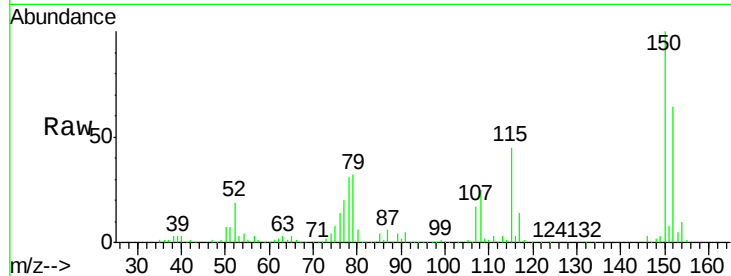




#15
Benzyl Alcohol
Concen: 40.94 ng
RT: 6.71 min Scan# 448
Delta R.T. 0.00 min
Lab File: BF090080.D
Acq: 15 Sep 2016 5:30

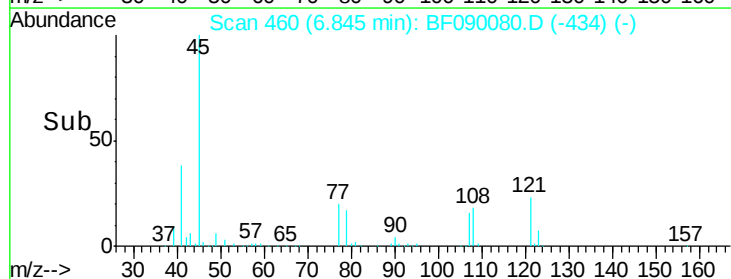
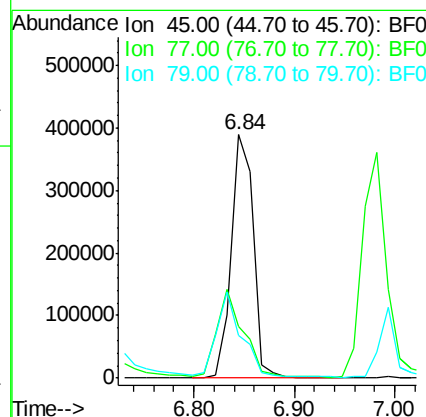
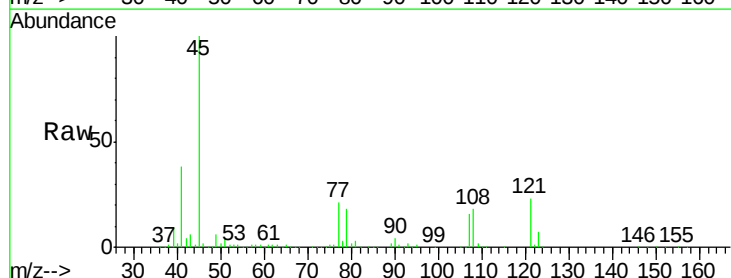
Instrument :
BNA_F
ClientSampled :

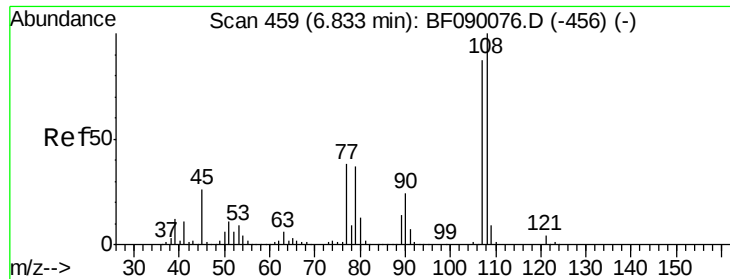
Tgt Ion: 79 Resp: 308035
Ion Ratio Lower Upper
79 100
108 77.5 62.2 93.4
77 63.6 51.4 77.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.42 ng
RT: 6.84 min Scan# 460
Delta R.T. 0.00 min
Lab File: BF090080.D
Acq: 15 Sep 2016 5:30

Tgt Ion: 45 Resp: 590355
Ion Ratio Lower Upper
45 100
77 21.1 0.5 40.5
79 17.7 0.0 37.0

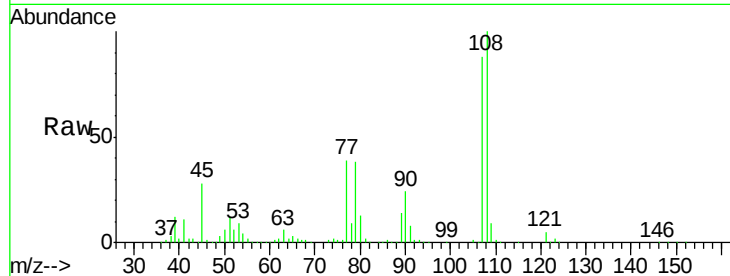




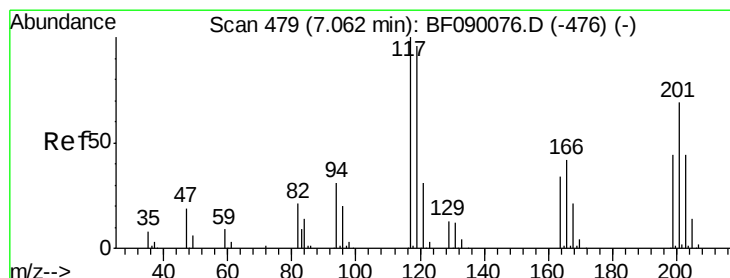
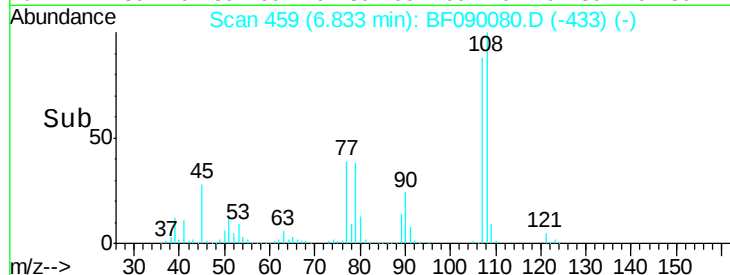
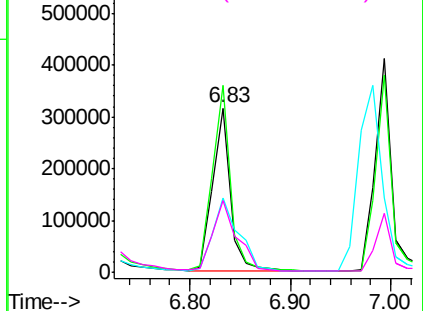
#17
 2-Methylphenol
 Concen: 41.15 ng
 RT: 6.83 min Scan# 459
 Delta R.T. 0.00 min
 Lab File: BF090080.D
 Acq: 15 Sep 2016 5:30

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:107 Resp: 395734
 Ion Ratio Lower Upper
 107 100
 108 114.2 92.0 138.0
 77 45.0 35.6 53.4
 79 43.8 35.2 52.8

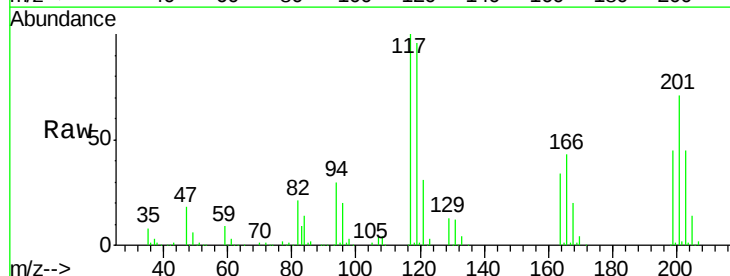


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 77.00 (76.70 to 77.70): BF0
 Ion 79.00 (78.70 to 79.70): BF0

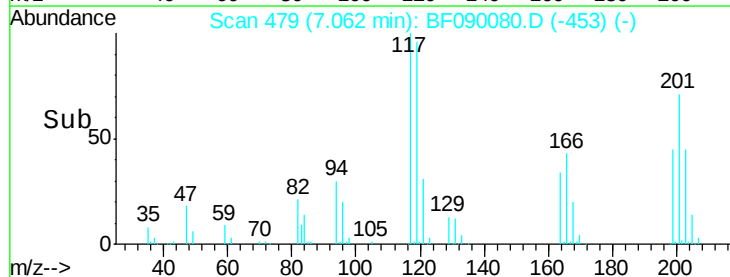
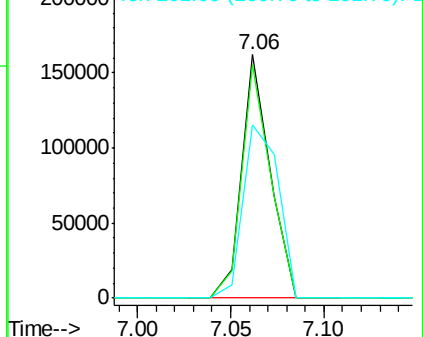


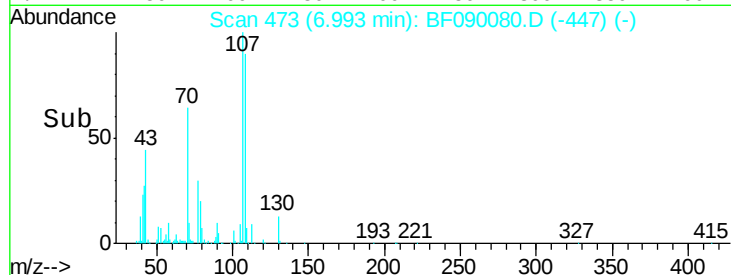
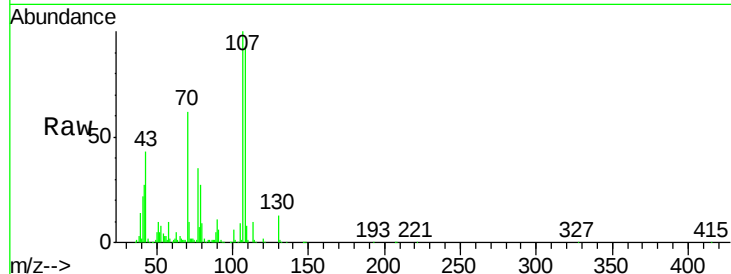
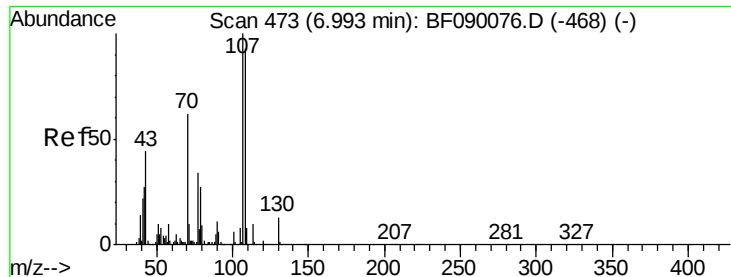
#18
 Hexachloroethane
 Concen: 37.77 ng
 RT: 7.06 min Scan# 479
 Delta R.T. 0.00 min
 Lab File: BF090080.D
 Acq: 15 Sep 2016 5:30

Tgt Ion:117 Resp: 171172
 Ion Ratio Lower Upper
 117 100
 119 95.9 76.6 115.0
 201 71.2 55.5 83.3



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

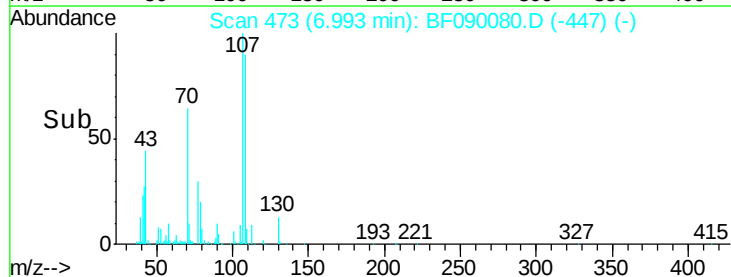
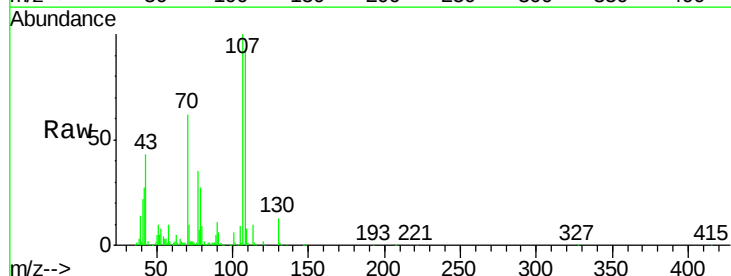
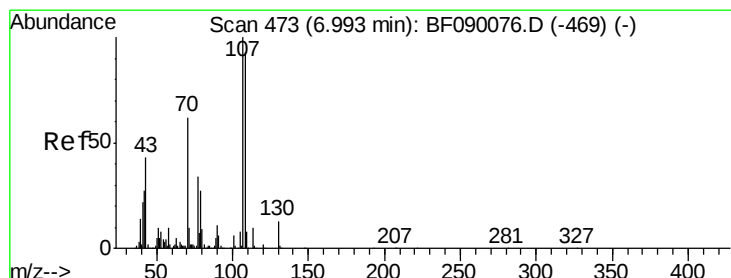
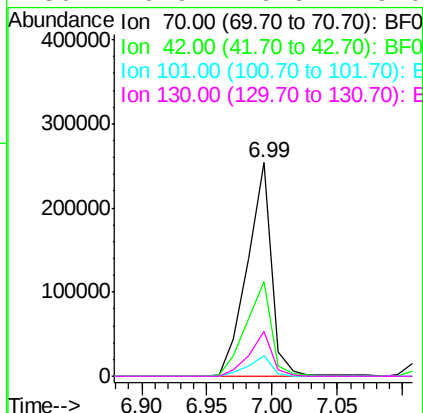




#19
n-Nitroso-di-n-propylamine
Concen: 39.62 ng
RT: 6.99 min Scan# 473
Delta R.T. 0.00 min
Lab File: BF090080.D
Acq: 15 Sep 2016 5:30

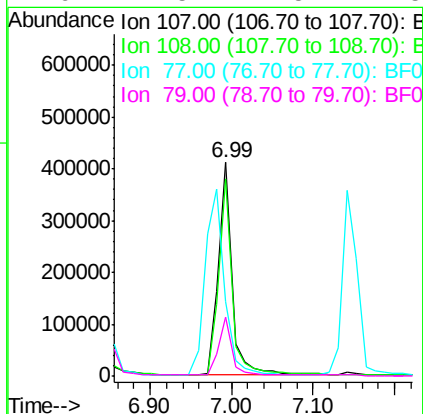
Instrument :
BNA_F
ClientSampleId :

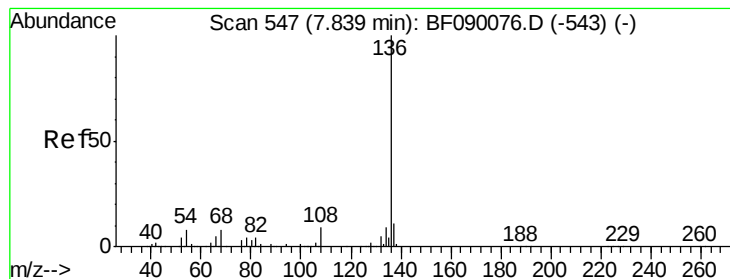
Tgt Ion:	70	Resp:	329013
Ion	Ratio	Lower	Upper
70	100		
42	44.1	35.1	52.7
101	9.4	7.5	11.3
130	20.9	16.6	25.0



#20
3+4-Methylphenols
Concen: 43.41 ng
RT: 6.99 min Scan# 473
Delta R.T. 0.00 min
Lab File: BF090080.D
Acq: 15 Sep 2016 5:30

Tgt Ion:	107	Resp:	488602
Ion	Ratio	Lower	Upper
107	100		
108	92.5	73.3	113.3
77	34.6	14.1	54.1
79	27.5	7.5	47.5





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.84 min Scan# 547

Delta R.T. 0.00 min

Lab File: BF090080.D

Acq: 15 Sep 2016 5:30

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:136 Resp: 684190

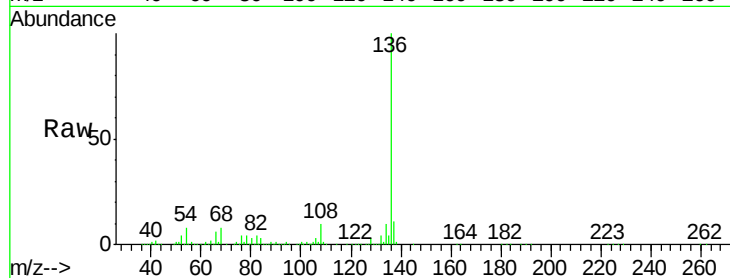
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.4

54 8.0 6.4 9.6

68 7.8 6.3 9.5

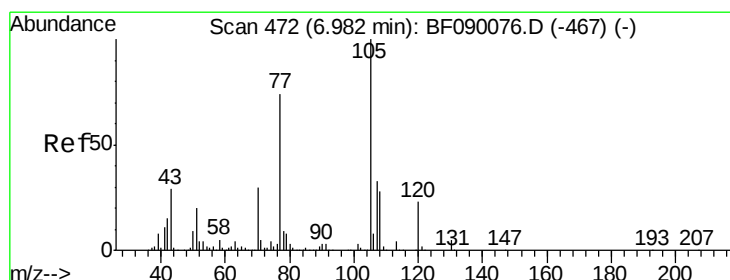
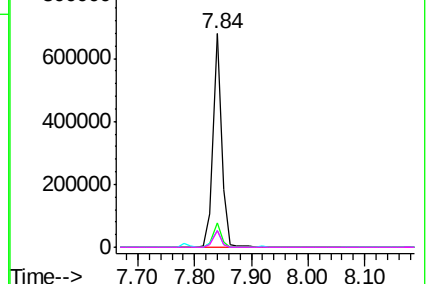
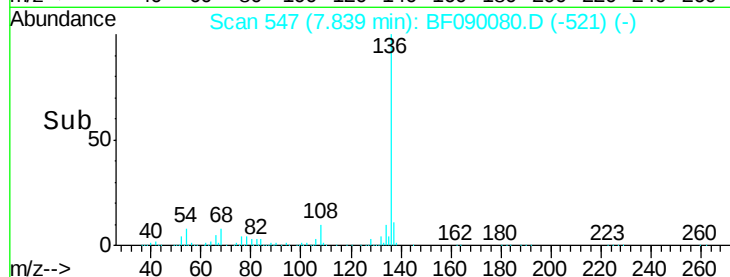


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 41.01 ng

RT: 6.98 min Scan# 472

Delta R.T. 0.00 min

Lab File: BF090080.D

Acq: 15 Sep 2016 5:30

Tgt Ion:105 Resp: 679286

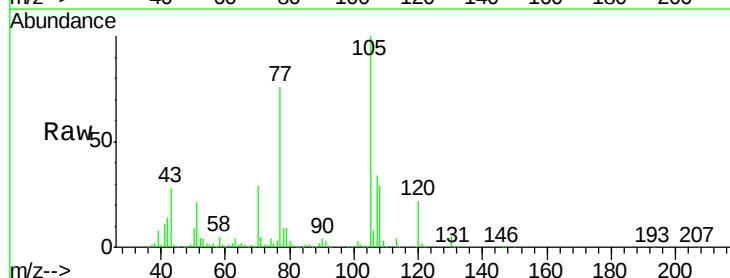
Ion Ratio Lower Upper

105 100

71 4.9 4.1 6.1

51 20.8 16.2 24.2

120 22.3 18.2 27.2

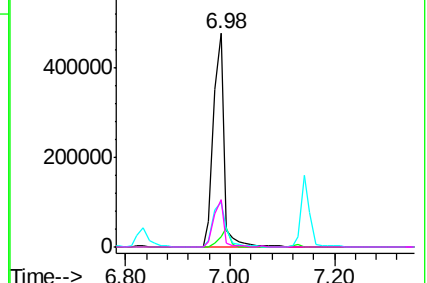
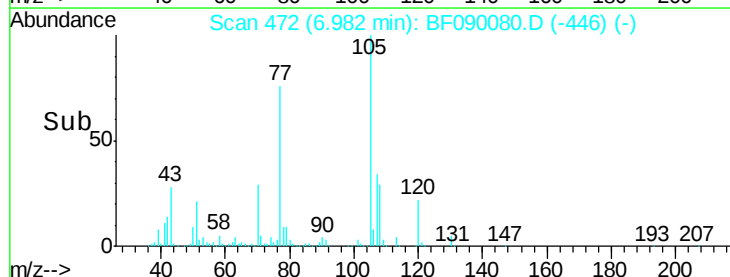


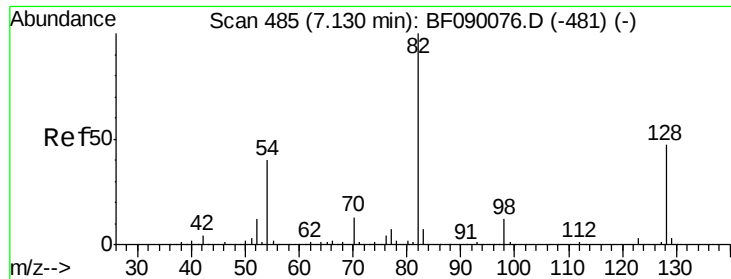
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

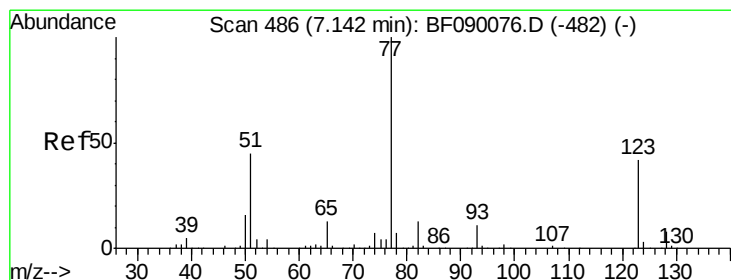
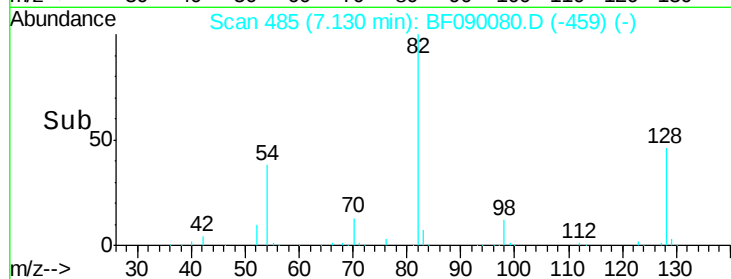
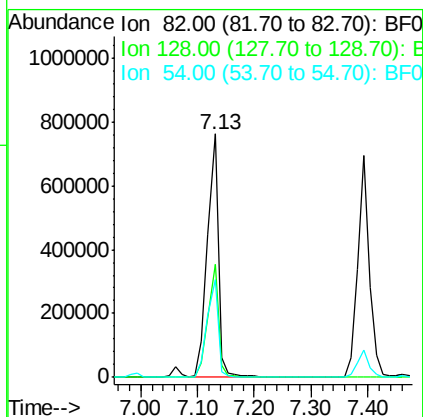
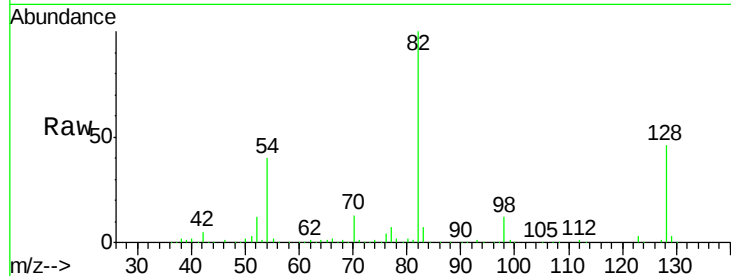




#23
Nitrobenzene-d5
Concen: 81.51 ng
RT: 7.13 min Scan# 485
Delta R.T. 0.00 min
Lab File: BF090080.D
Acq: 15 Sep 2016 5:30

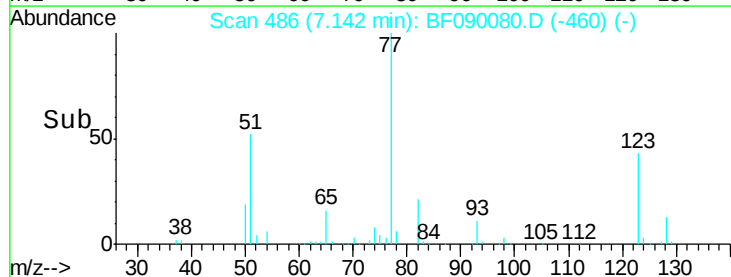
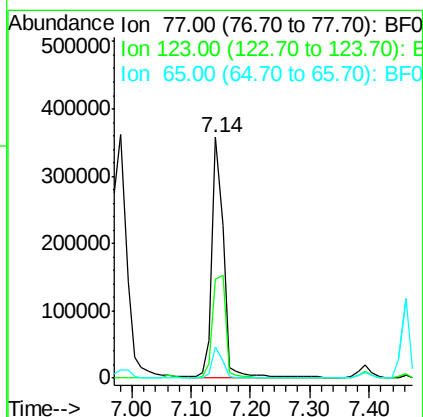
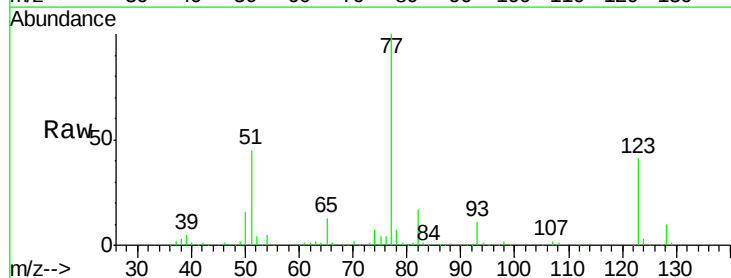
Instrument :
BNA_F
ClientSampleId :

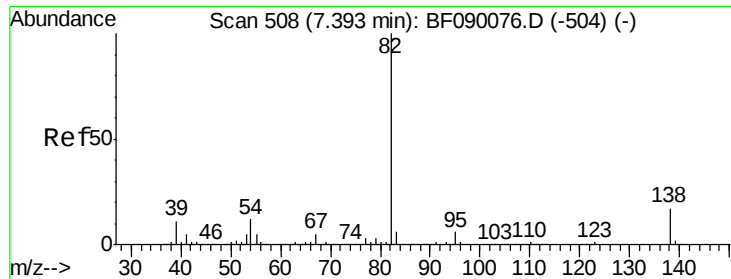
Tgt Ion:	82	Resp:	991893
Ion	Ratio	Lower	Upper
82	100		
128	46.3	37.5	56.3
54	40.1	31.9	47.9



#24
Nitrobenzene
Concen: 36.92 ng
RT: 7.14 min Scan# 486
Delta R.T. 0.00 min
Lab File: BF090080.D
Acq: 15 Sep 2016 5:30

Tgt Ion:	77	Resp:	473231
Ion	Ratio	Lower	Upper
77	100		
123	41.3	33.4	50.2
65	12.8	10.1	15.1





#25

Isophorone

Concen: 39.69 ng

RT: 7.39 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF090080.D

Acq: 15 Sep 2016 5:30

Instrument :

BNA_F

ClientSampleId :

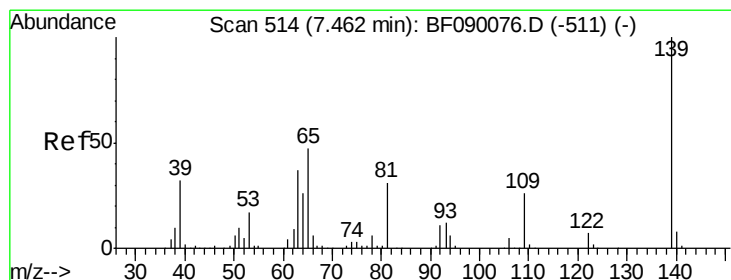
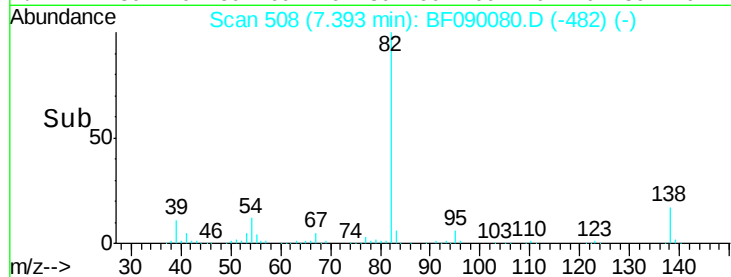
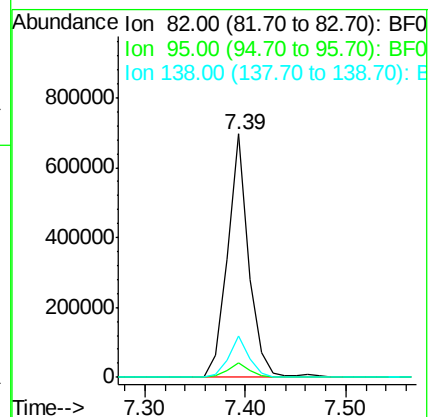
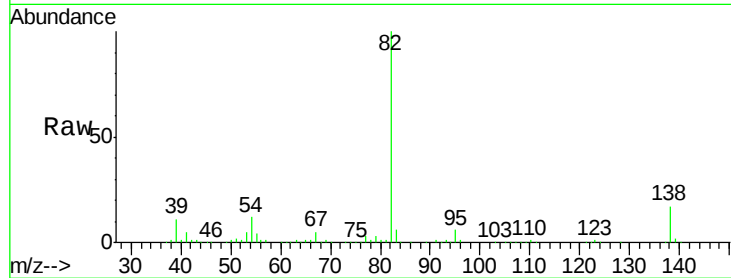
Tgt Ion: 82 Resp: 1011284

Ion Ratio Lower Upper

82 100

95 6.2 5.1 7.7

138 16.8 13.5 20.3



#26

2-Nitrophenol

Concen: 41.84 ng

RT: 7.46 min Scan# 514

Delta R.T. 0.00 min

Lab File: BF090080.D

Acq: 15 Sep 2016 5:30

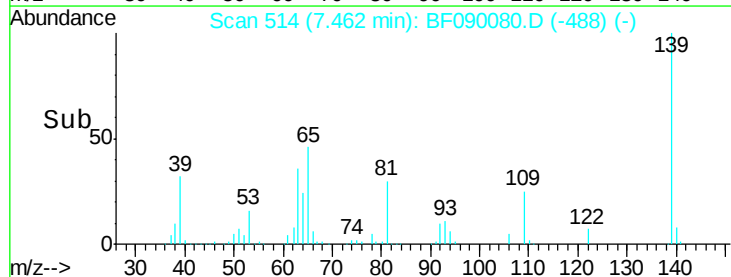
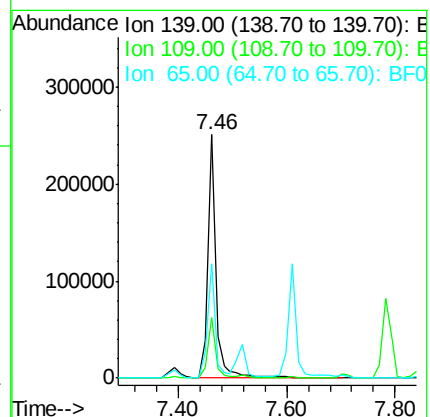
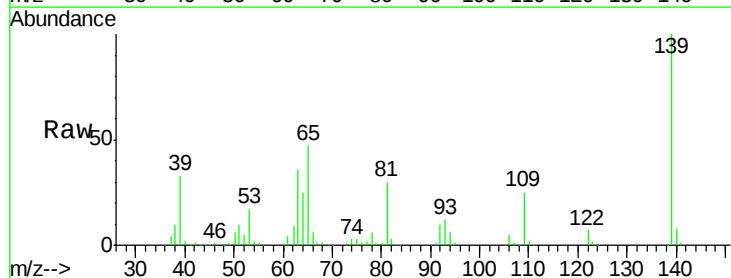
Tgt Ion: 139 Resp: 260024

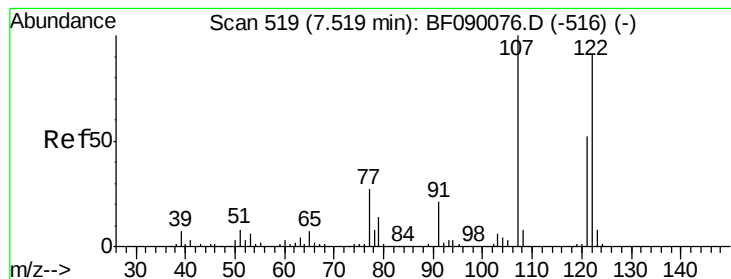
Ion Ratio Lower Upper

139 100

109 24.9 20.5 30.7

65 47.0 37.9 56.9





#27

2,4-Dimethylphenol

Concen: 42.33 ng

RT: 7.52 min Scan# 519

Delta R.T. 0.00 min

Lab File: BF090080.D

Acq: 15 Sep 2016 5:30

Instrument :

BNA_F

ClientSampleId :

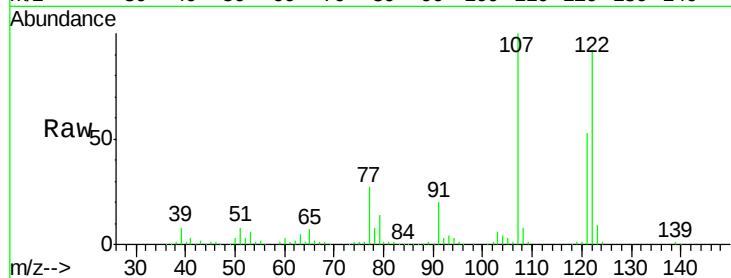
Tgt Ion:122 Resp: 462891

Ion Ratio Lower Upper

122 100

107 108.9 87.8 131.6

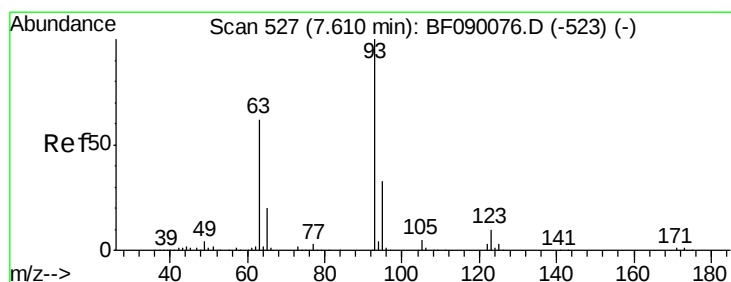
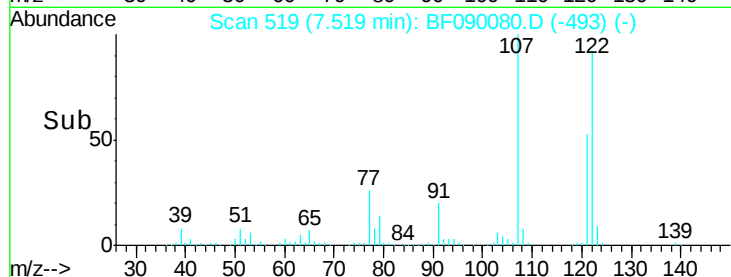
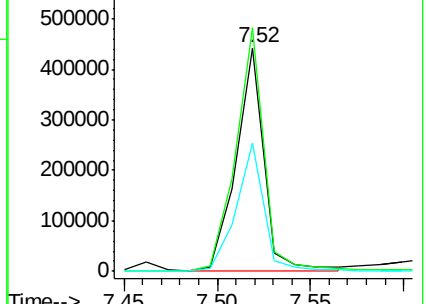
121 57.3 45.7 68.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.94 ng

RT: 7.61 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF090080.D

Acq: 15 Sep 2016 5:30

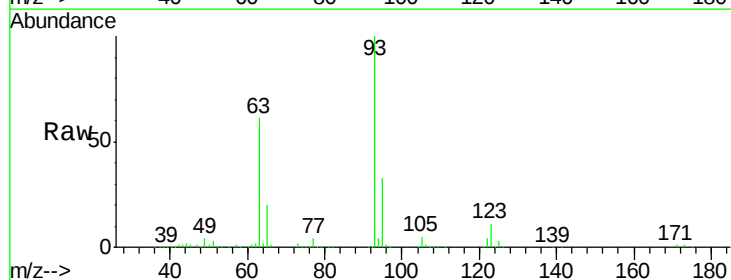
Tgt Ion: 93 Resp: 582029

Ion Ratio Lower Upper

93 100

95 32.9 26.8 40.2

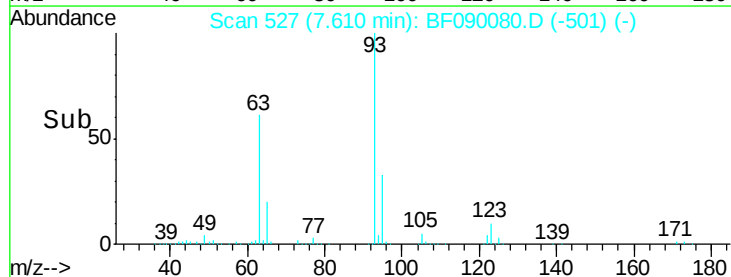
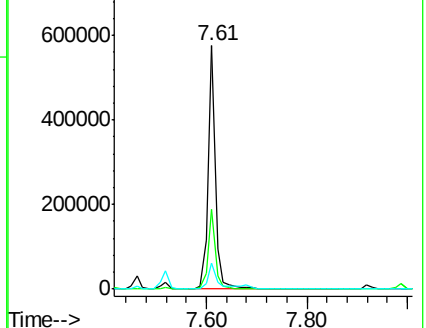
123 10.5 8.5 12.7

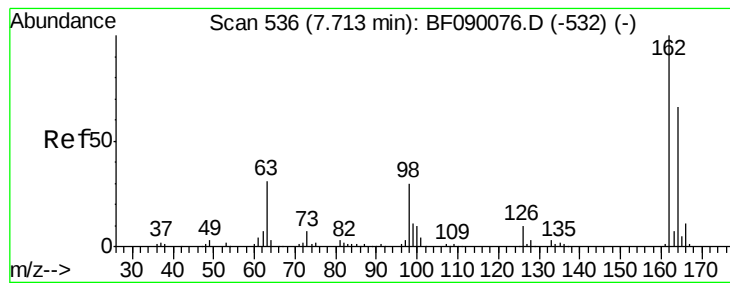


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

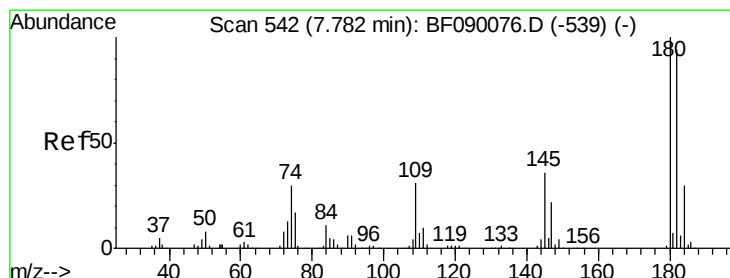
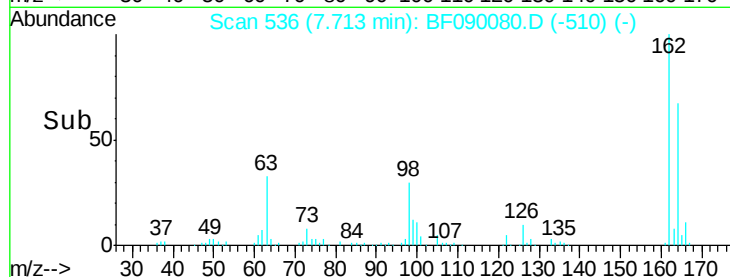
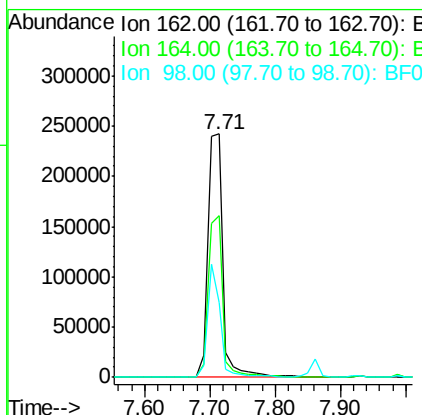
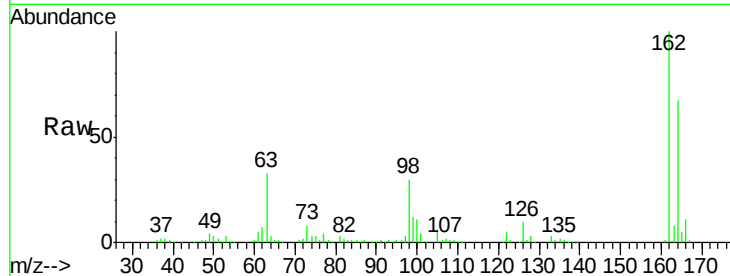




#29
 2,4-Dichlorophenol
 Concen: 40.26 ng
 RT: 7.71 min Scan# 536
 Delta R.T. 0.00 min
 Lab File: BF090080.D
 Acq: 15 Sep 2016 5:30

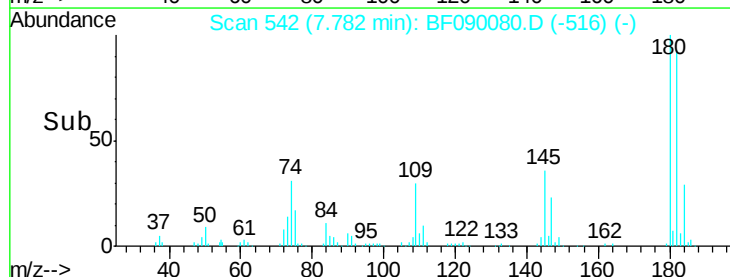
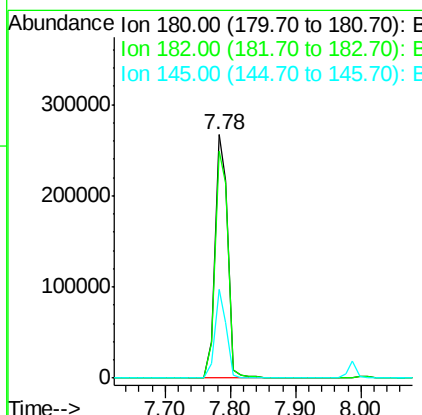
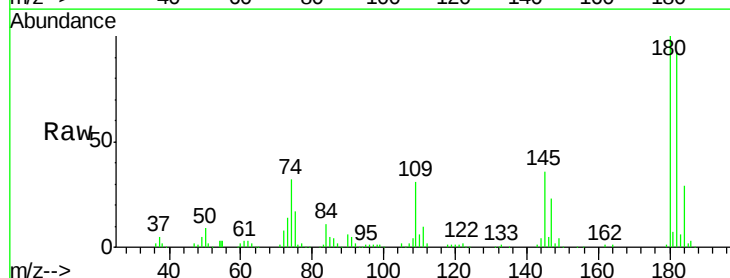
Instrument :
 BNA_F
 ClientSampleId :

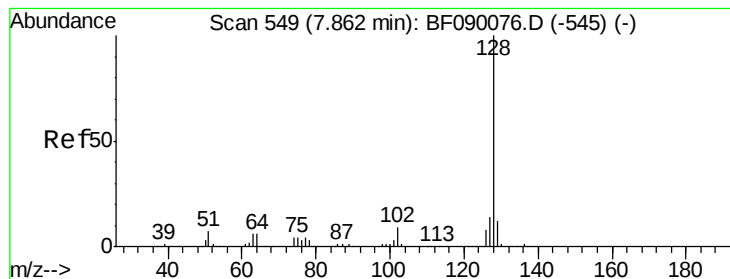
Tgt Ion	Ratio	Lower	Upper
162	100		
164	66.5	46.2	86.2
98	30.5	10.4	50.4



#30
 1,2,4-Trichlorobenzene
 Concen: 39.24 ng
 RT: 7.78 min Scan# 542
 Delta R.T. 0.00 min
 Lab File: BF090080.D
 Acq: 15 Sep 2016 5:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.5	75.0	112.6
145	36.2	28.6	42.8





#31

Naphthalene

Concen: 38.70 ng

RT: 7.86 min Scan# 549

Delta R.T. 0.00 min

Lab File: BF090080.D

Acq: 15 Sep 2016 5:30

Instrument :

BNA_F

ClientSampleId :

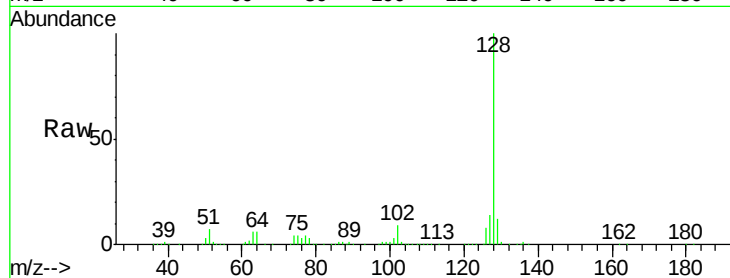
Tgt Ion:128 Resp: 1301397

Ion Ratio Lower Upper

128 100

129 11.7 9.3 13.9

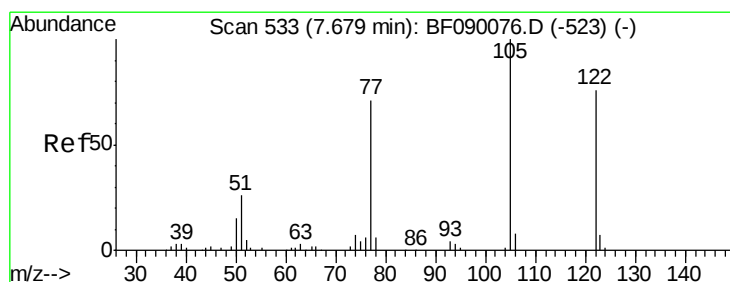
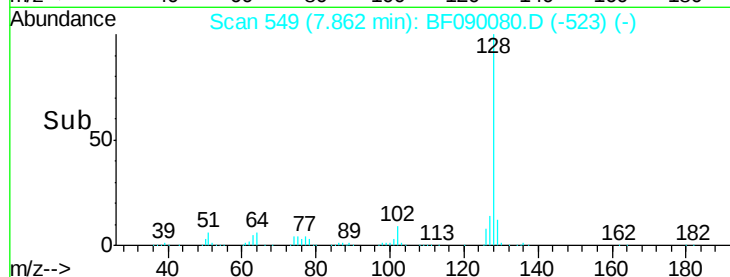
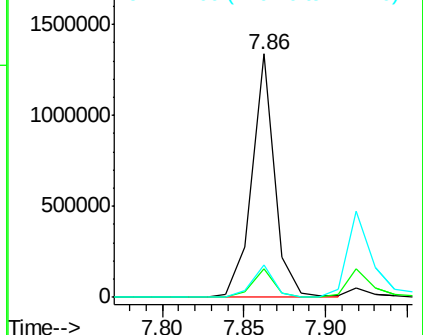
127 13.5 10.8 16.2



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: 39.70 ng

RT: 7.68 min Scan# 533

Delta R.T. 0.00 min

Lab File: BF090080.D

Acq: 15 Sep 2016 5:30

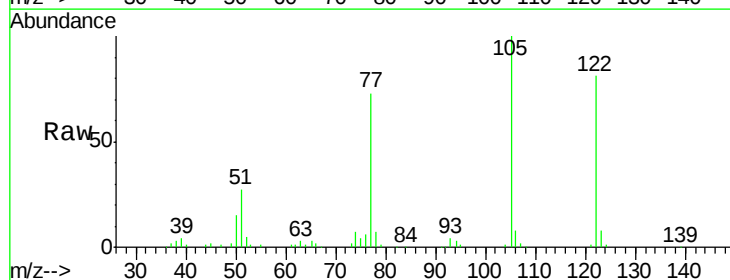
Tgt Ion:122 Resp: 348221

Ion Ratio Lower Upper

122 100

105 123.9 105.0 145.0

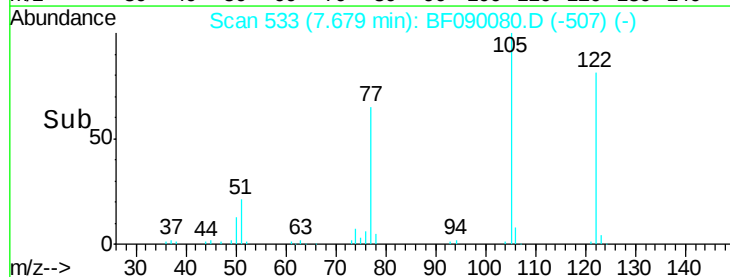
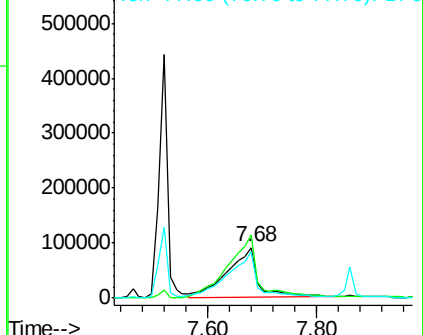
77 90.8 70.4 110.4

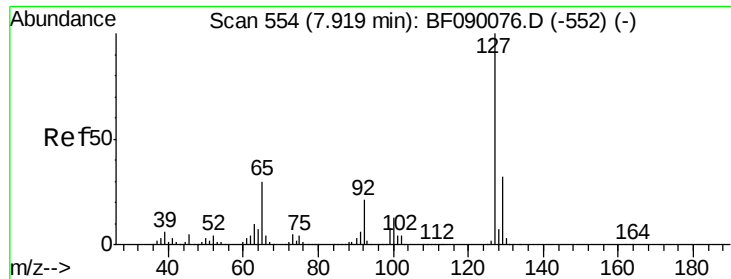


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

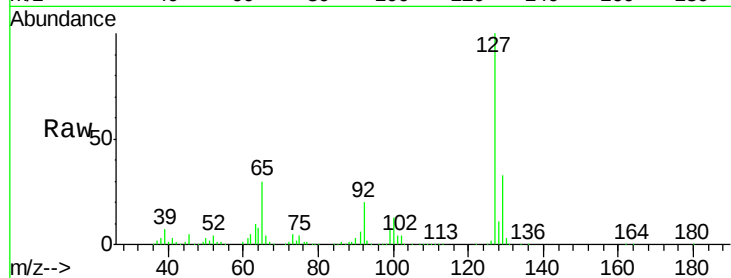




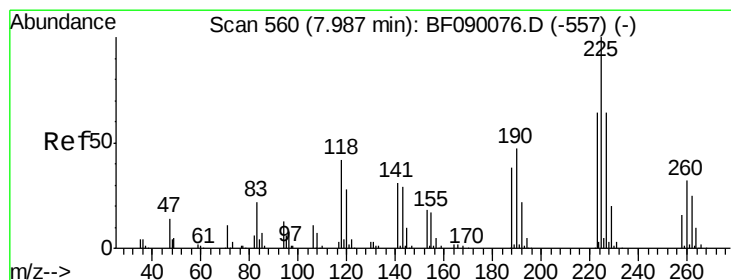
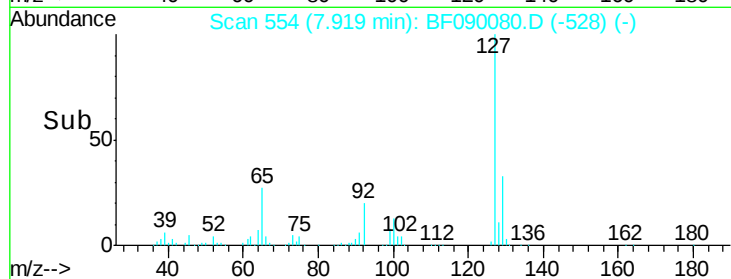
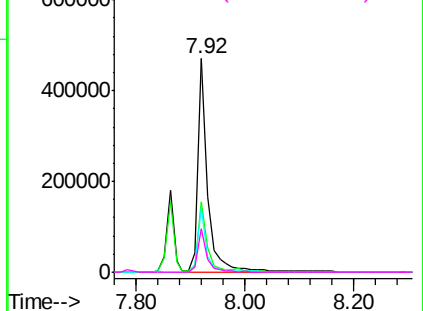
#33
 4-Chloroaniline
 Concen: 39.69 ng
 RT: 7.92 min Scan# 554
 Delta R.T. 0.00 min
 Lab File: BF090080.D
 Acq: 15 Sep 2016 5:30

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:	127	Resp:	568104
Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.8	38.6
65	30.2	24.1	36.1
92	20.4	16.3	24.5

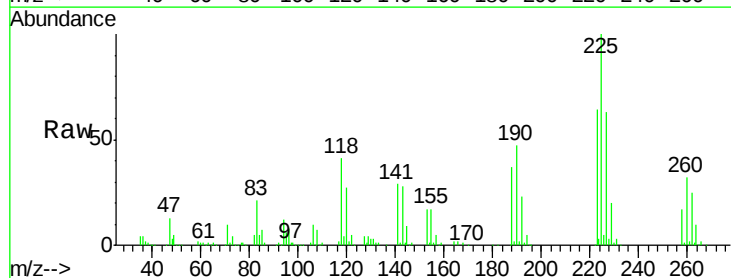


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

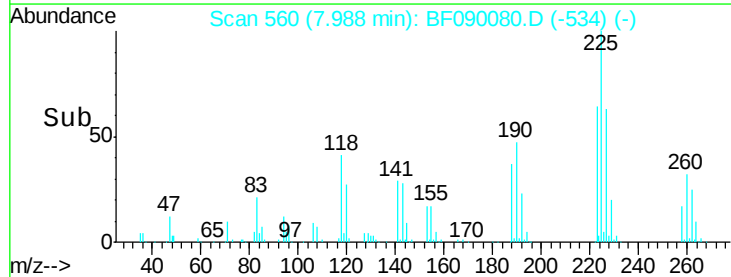
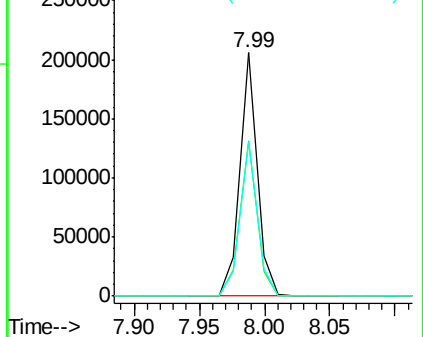


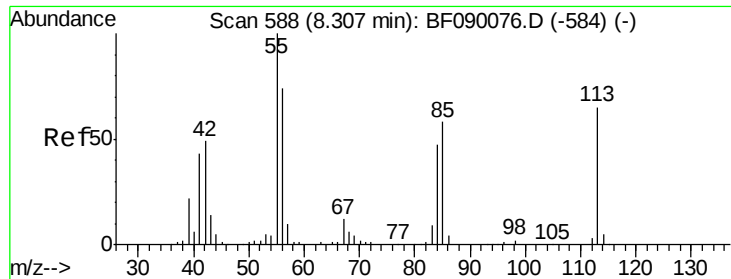
#34
 Hexachlorobutadiene
 Concen: 38.82 ng
 RT: 7.99 min Scan# 560
 Delta R.T. 0.00 min
 Lab File: BF090080.D
 Acq: 15 Sep 2016 5:30

Tgt Ion:	225	Resp:	189408
Ion	Ratio	Lower	Upper
225	100		
223	63.8	51.3	76.9
227	63.3	51.4	77.0



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

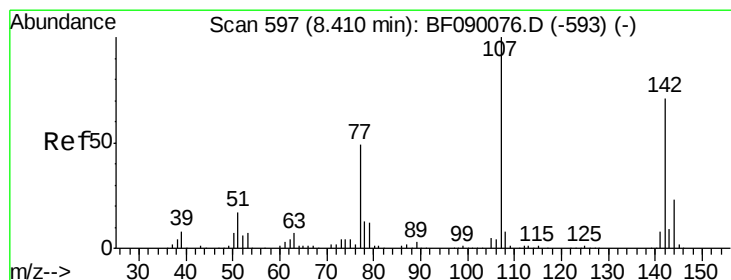
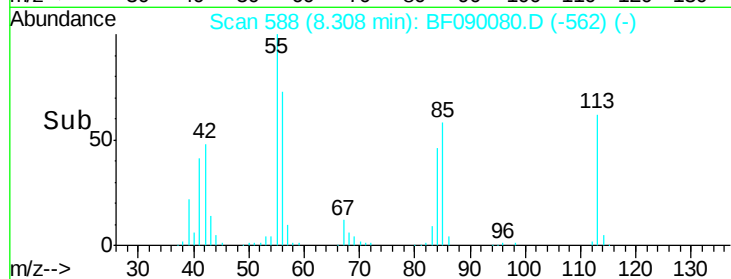
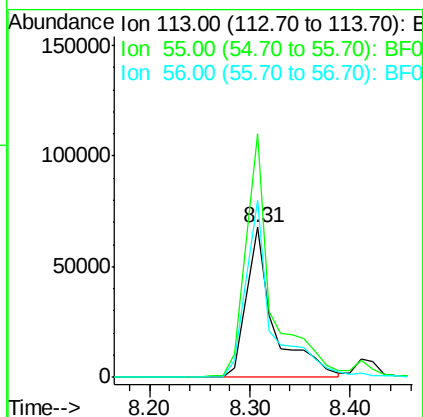
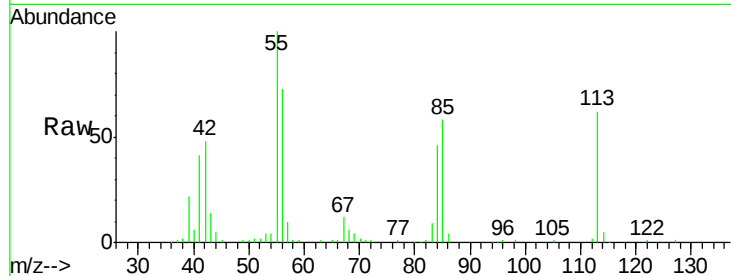




#35
 Caprolactam
 Concen: 39.92 ng
 RT: 8.31 min Scan# 588
 Delta R.T. 0.00 min
 Lab File: BF090080.D
 Acq: 15 Sep 2016 5:30

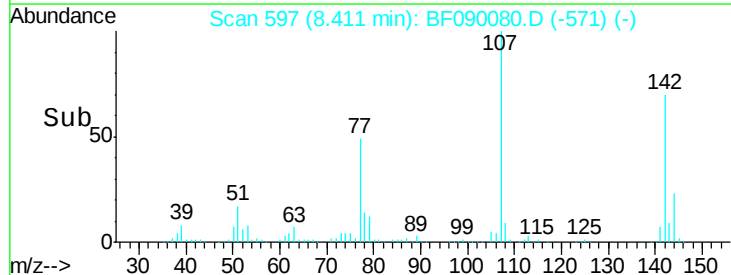
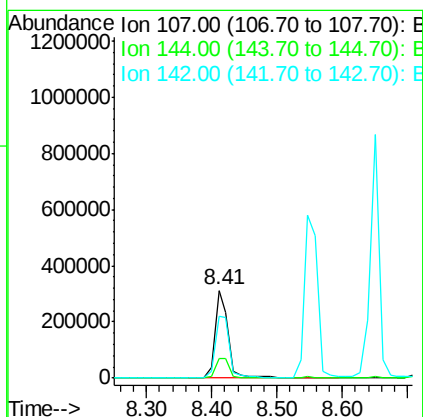
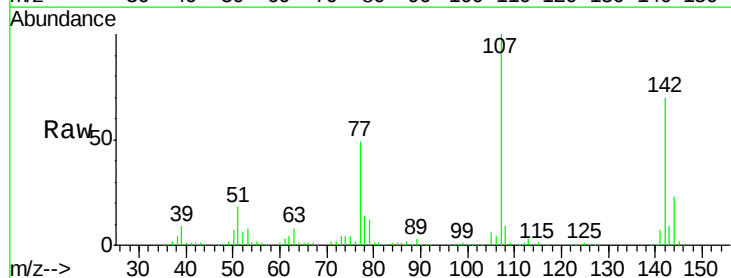
Instrument :
 BNA_F
 ClientSampleId :

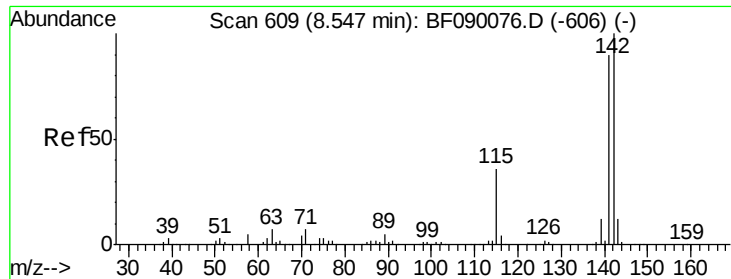
Tgt Ion:113 Resp: 128766
 Ion Ratio Lower Upper
 113 100
 55 162.6 134.5 174.5
 56 117.9 93.7 133.7



#36
 4-Chloro-3-methylphenol
 Concen: 40.11 ng
 RT: 8.41 min Scan# 597
 Delta R.T. 0.00 min
 Lab File: BF090080.D
 Acq: 15 Sep 2016 5:30

Tgt Ion:107 Resp: 449766
 Ion Ratio Lower Upper
 107 100
 144 22.9 18.6 27.8
 142 70.3 57.0 85.6

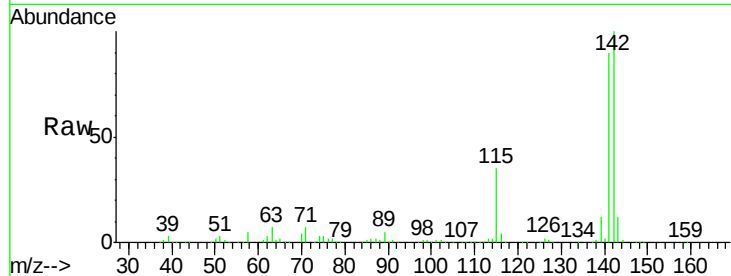




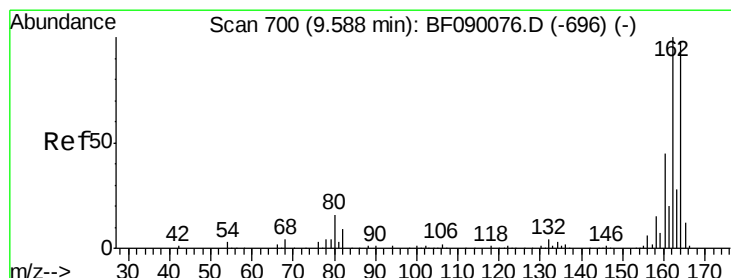
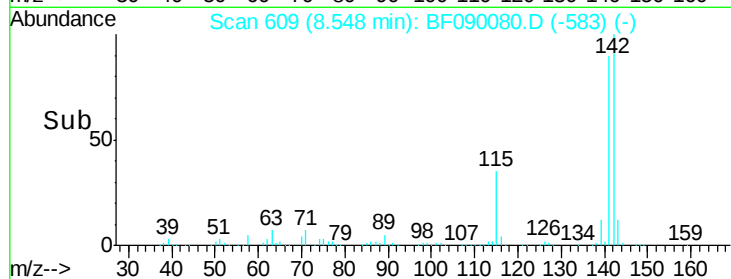
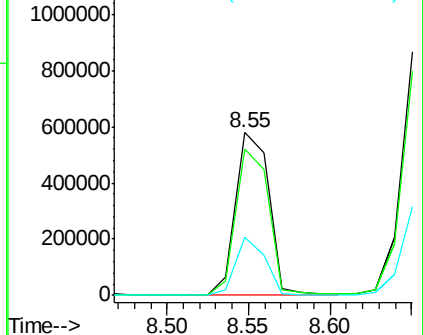
#37
2-Methylnaphthalene
Concen: 39.35 ng
RT: 8.55 min Scan# 609
Delta R.T. 0.00 min
Lab File: BF090080.D
Acq: 15 Sep 2016 5:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 820830
Ion Ratio Lower Upper
142 100
141 90.0 71.4 107.2
115 35.5 28.3 42.5

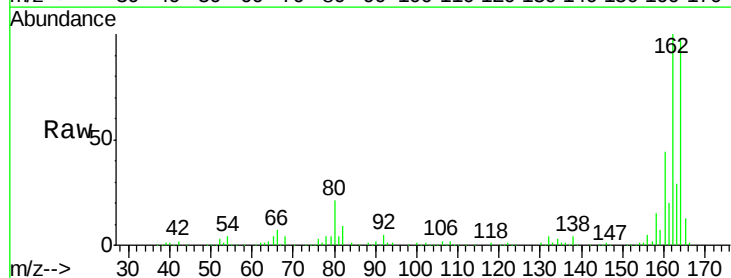


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

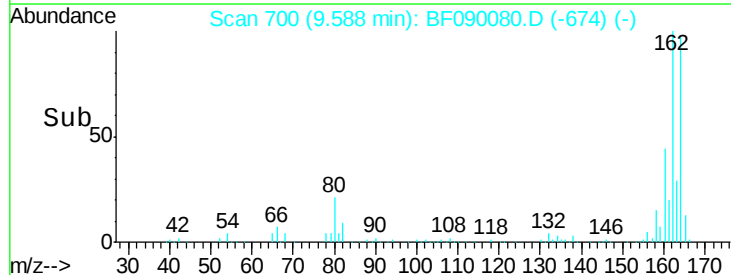
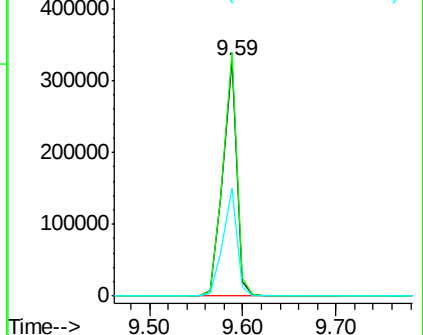


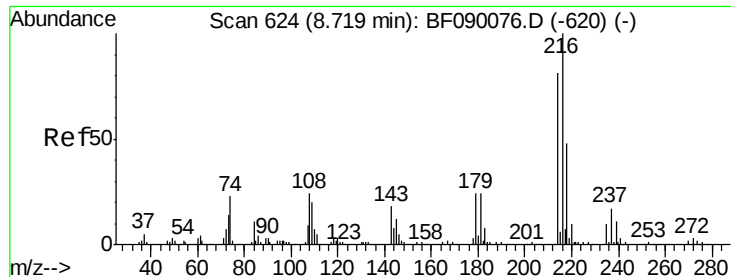
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.59 min Scan# 700
Delta R.T. 0.00 min
Lab File: BF090080.D
Acq: 15 Sep 2016 5:30

Tgt Ion:164 Resp: 339526
Ion Ratio Lower Upper
164 100
162 103.3 81.4 122.2
160 45.7 36.6 54.8



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

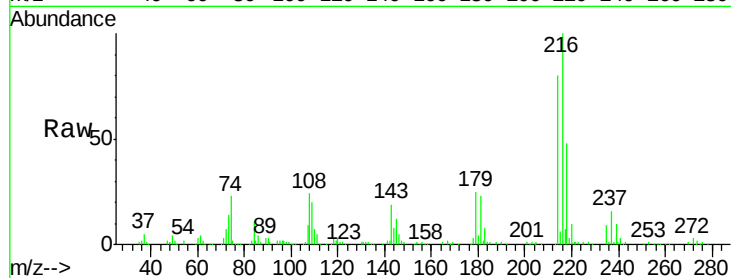




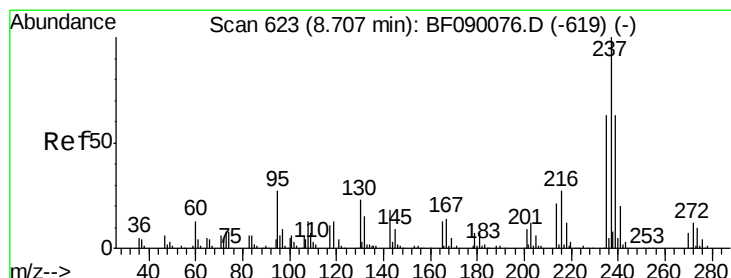
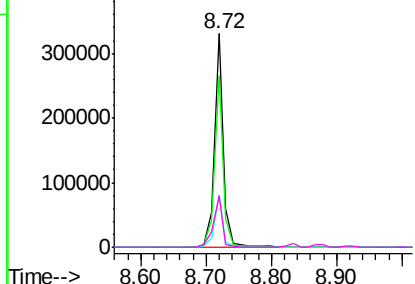
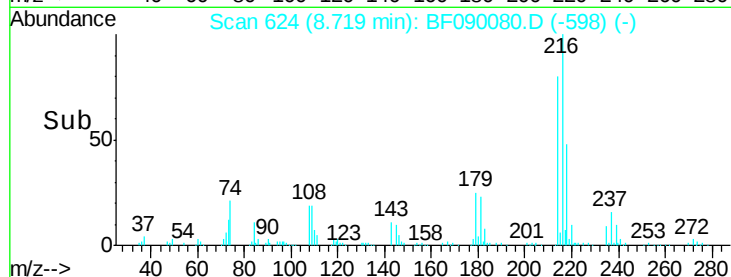
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.74 ng
 RT: 8.72 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF090080.D
 Acq: 15 Sep 2016 5:30

Instrument :
 BNA_F
 ClientSampled :

Tgt Ion:216 Resp: 320720
 Ion Ratio Lower Upper
 216 100
 214 79.4 63.7 95.5
 179 23.3 18.5 27.7
 108 24.7 19.5 29.3

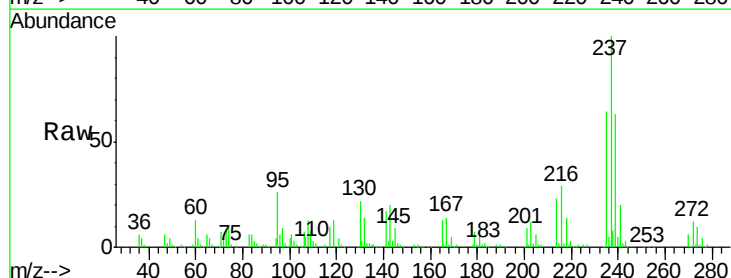


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

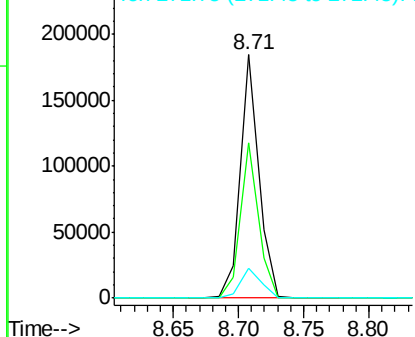
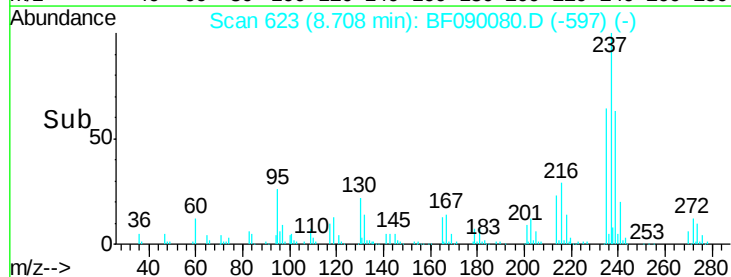


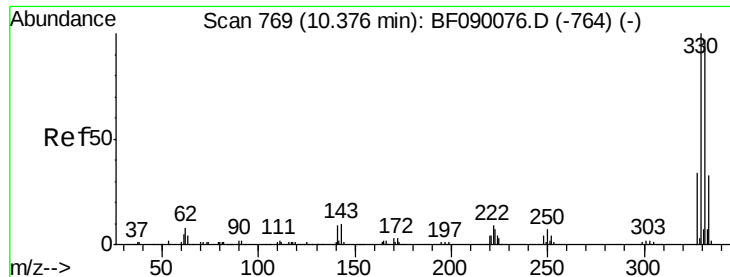
#40
 Hexachlorocyclopentadiene
 Concen: 39.87 ng
 RT: 8.71 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF090080.D
 Acq: 15 Sep 2016 5:30

Tgt Ion:237 Resp: 180881
 Ion Ratio Lower Upper
 237 100
 235 63.8 42.5 82.5
 272 12.3 0.0 32.0



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

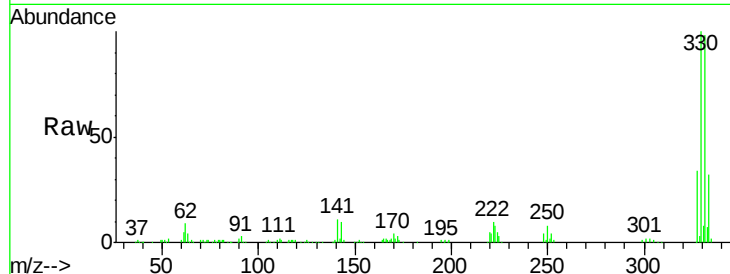




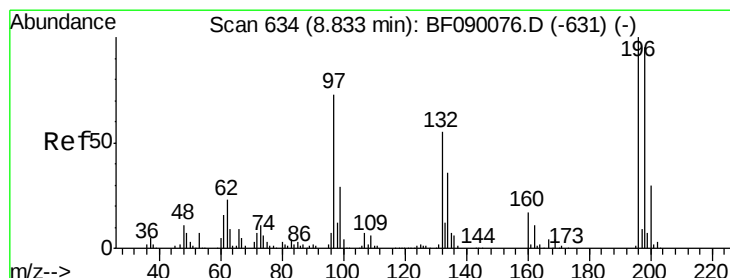
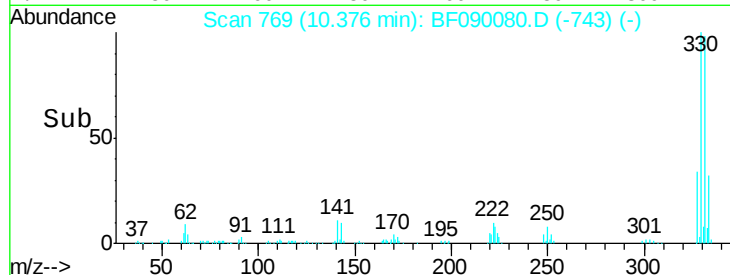
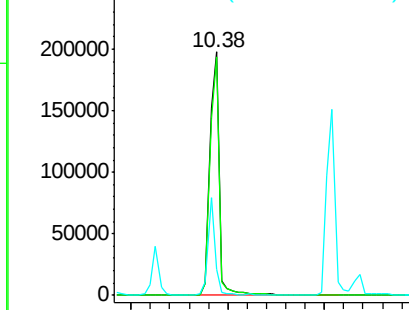
#41
 2,4,6-Tribromophenol
 Concen: 79.87 ng
 RT: 10.38 min Scan# 769
 Delta R.T. 0.00 min
 Lab File: BF090080.D
 Acq: 15 Sep 2016 5:30

Instrument :
 BNA_F
 ClientSampled :

Tgt Ion:330 Resp: 272381
 Ion Ratio Lower Upper
 330 100
 332 95.1 78.1 117.1
 141 30.0 23.9 35.9

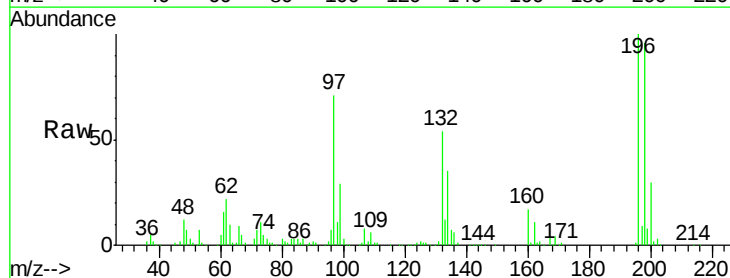


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

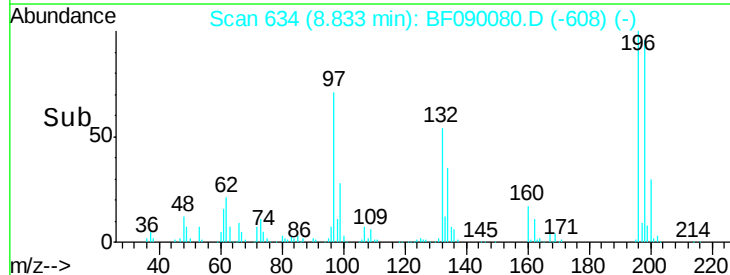
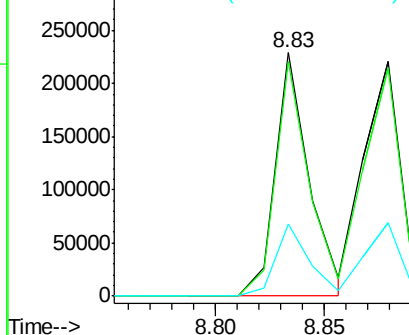


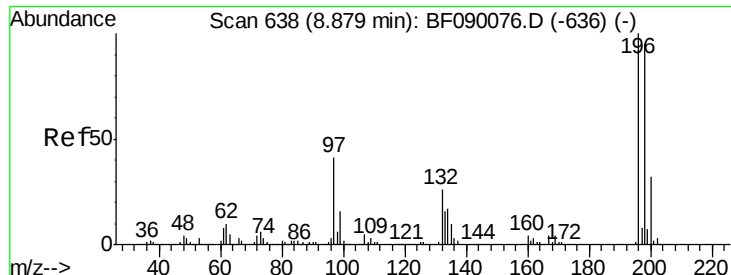
#42
 2,4,6-Trichlorophenol
 Concen: 39.39 ng
 RT: 8.83 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: BF090080.D
 Acq: 15 Sep 2016 5:30

Tgt Ion:196 Resp: 249262
 Ion Ratio Lower Upper
 196 100
 198 96.2 76.3 114.5
 200 29.9 24.1 36.1



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

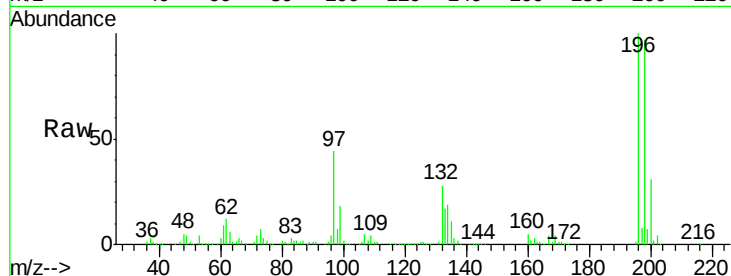




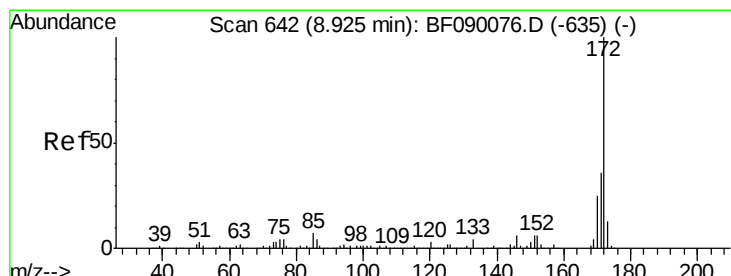
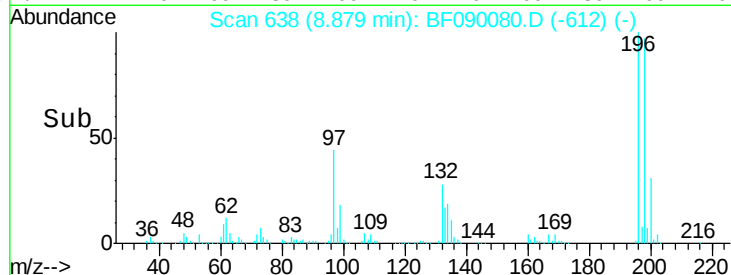
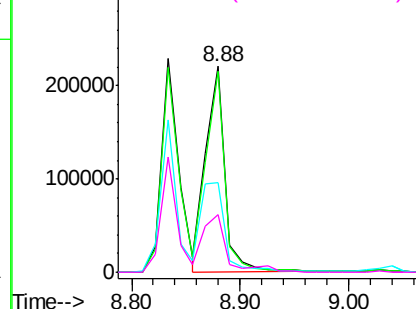
#43
 2,4,5-Trichlorophenol
 Concen: 40.06 ng
 RT: 8.88 min Scan# 638
 Delta R.T. 0.00 min
 Lab File: BF090080.D
 Acq: 15 Sep 2016 5:30

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:196 Resp: 272659
 Ion Ratio Lower Upper
 196 100
 198 97.5 76.6 114.8
 97 43.6 34.4 51.6
 132 28.2 22.2 33.2

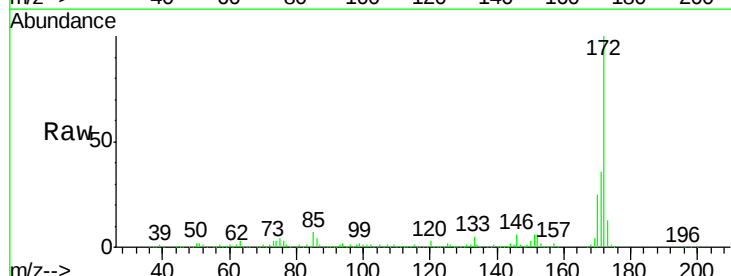


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

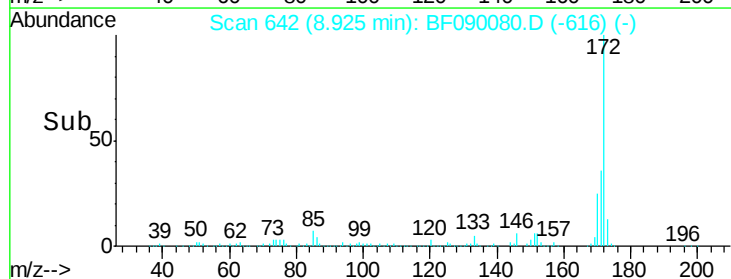
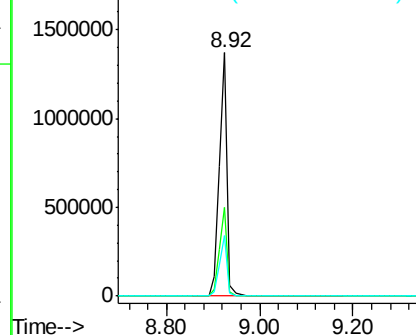


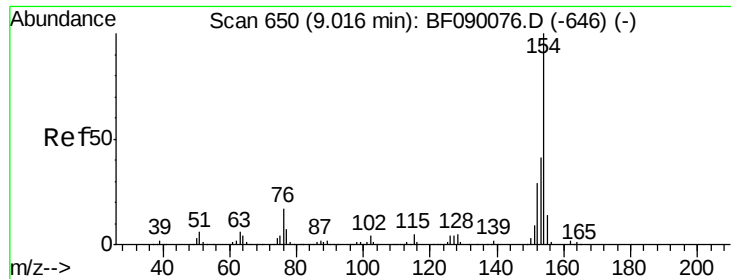
#44
 2-Fluorobiphenyl
 Concen: 74.00 ng
 RT: 8.92 min Scan# 642
 Delta R.T. 0.00 min
 Lab File: BF090080.D
 Acq: 15 Sep 2016 5:30

Tgt Ion:172 Resp: 1599789
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.2 43.8
 170 25.0 19.8 29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

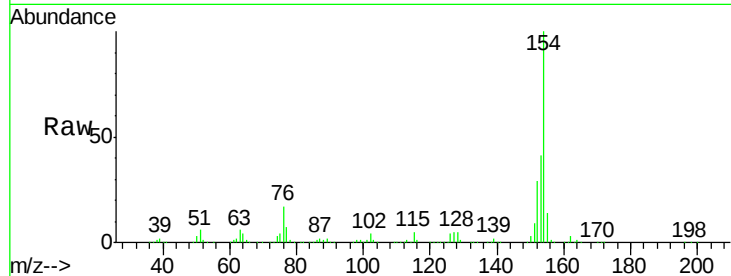




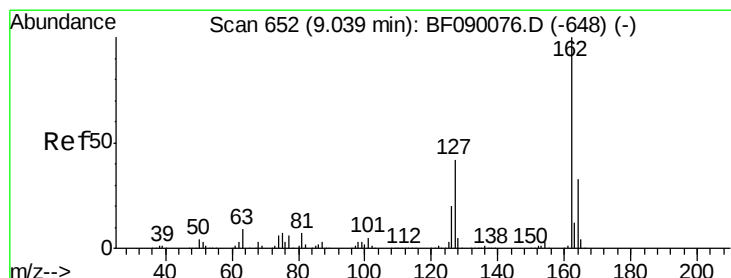
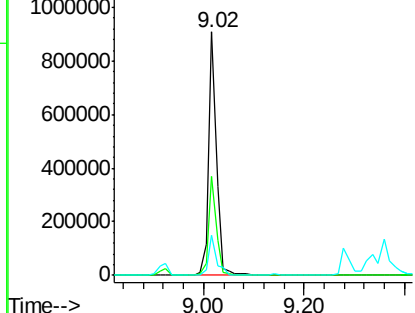
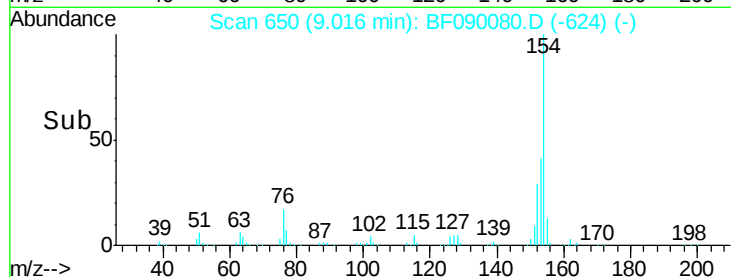
#45
 1,1'-Biphenyl
 Concen: 35.68 ng
 RT: 9.02 min Scan# 650
 Delta R.T. 0.00 min
 Lab File: BF090080.D
 Acq: 15 Sep 2016 5:30

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.6	60.6
76	16.6	0.0	36.7

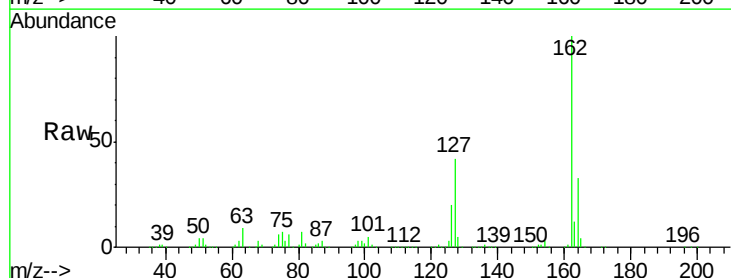


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

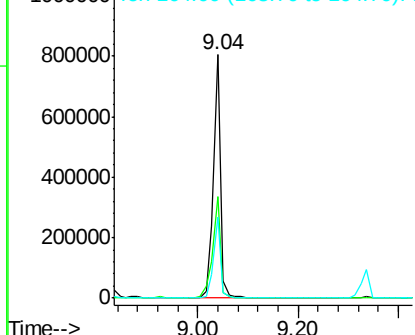
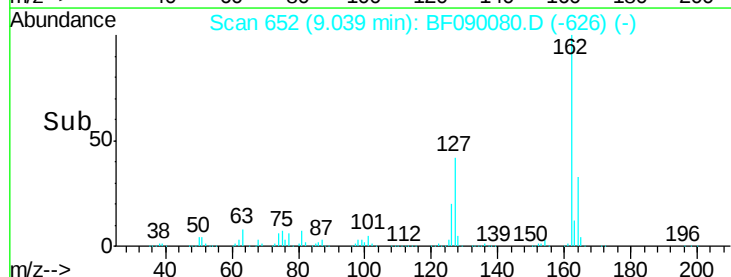


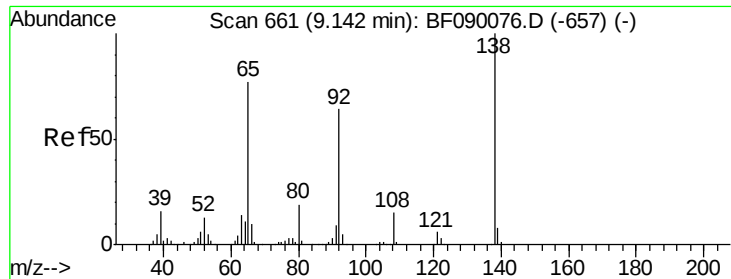
#46
 2-Chloronaphthalene
 Concen: 38.75 ng
 RT: 9.04 min Scan# 652
 Delta R.T. 0.00 min
 Lab File: BF090080.D
 Acq: 15 Sep 2016 5:30

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.9	34.0	51.0
164	33.1	26.8	40.2



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

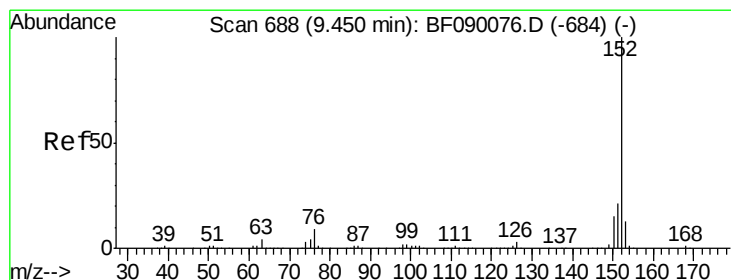
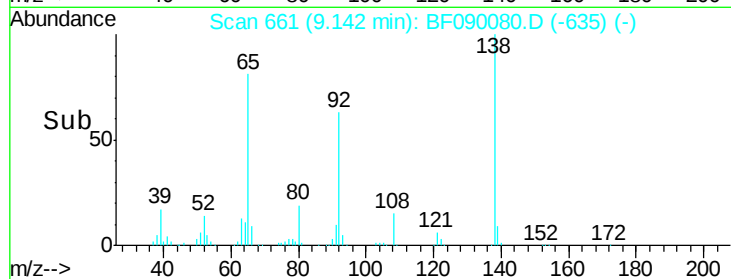
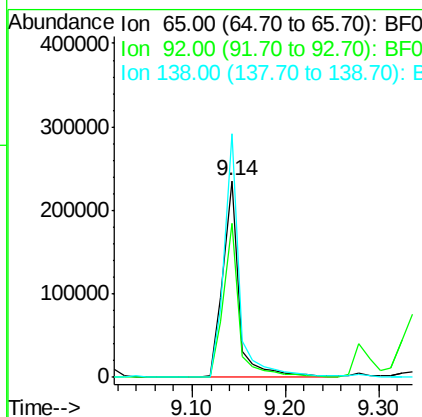
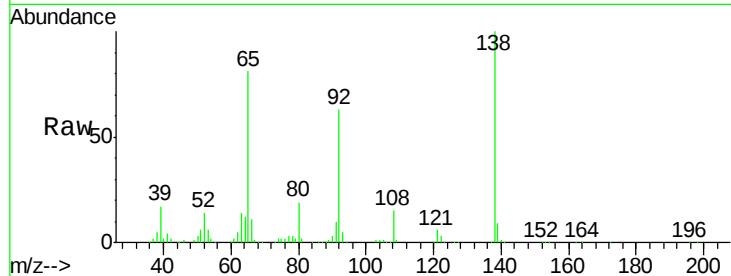




#47
 2-Nitroaniline
 Concen: 43.51 ng
 RT: 9.14 min Scan# 661
 Delta R.T. 0.00 min
 Lab File: BF090080.D
 Acq: 15 Sep 2016 5:30

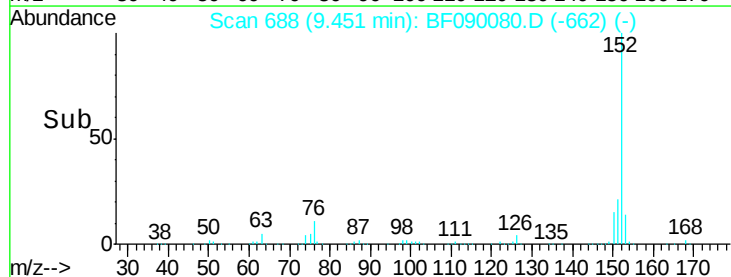
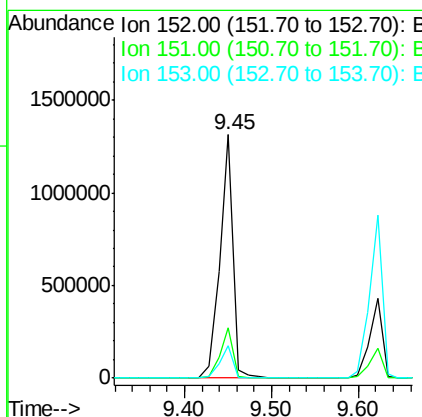
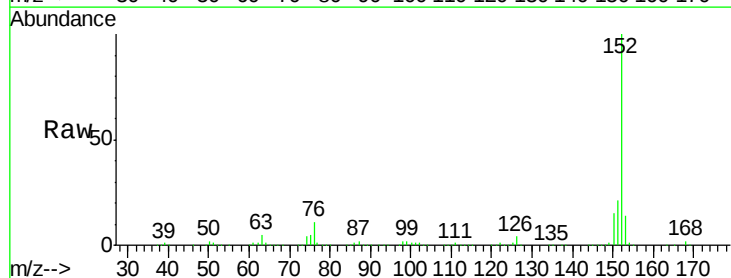
Instrument :
 BNA_F
 ClientSampleId :

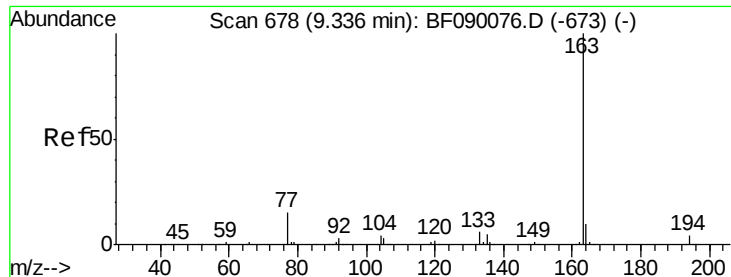
Tgt Ion: 65 Resp: 285948
 Ion Ratio Lower Upper
 65 100
 92 78.6 66.1 99.1
 138 123.9 104.1 156.1



#48
 Acenaphthylene
 Concen: 40.19 ng
 RT: 9.45 min Scan# 688
 Delta R.T. 0.00 min
 Lab File: BF090080.D
 Acq: 15 Sep 2016 5:30

Tgt Ion: 152 Resp: 1389652
 Ion Ratio Lower Upper
 152 100
 151 20.8 16.5 24.7
 153 13.6 10.6 15.8

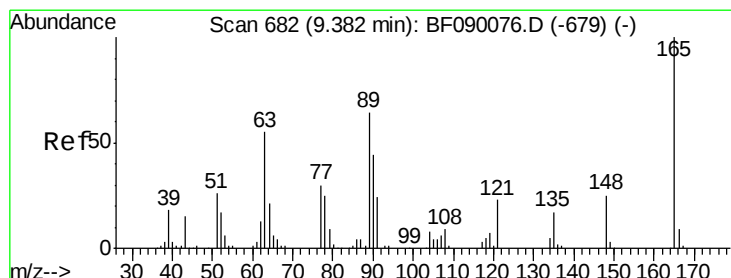
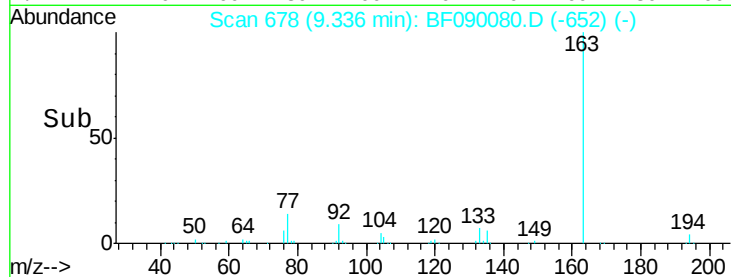
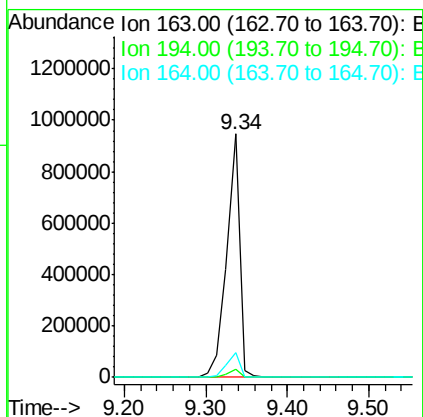
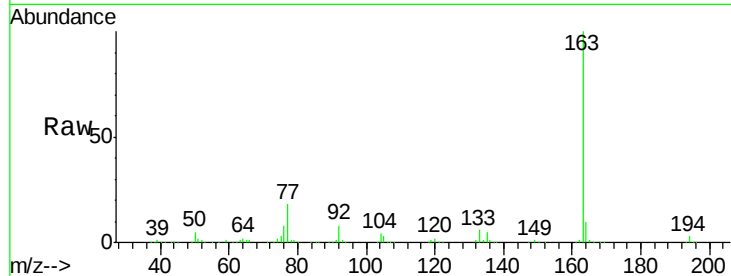




#49
Dimethylphthalate
Concen: 41.20 ng
RT: 9.34 min Scan# 678
Delta R.T. 0.00 min
Lab File: BF090080.D
Acq: 15 Sep 2016 5:30

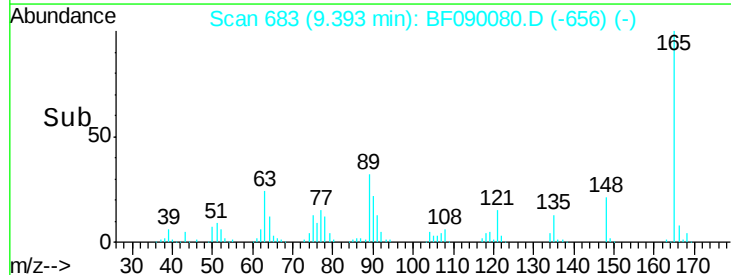
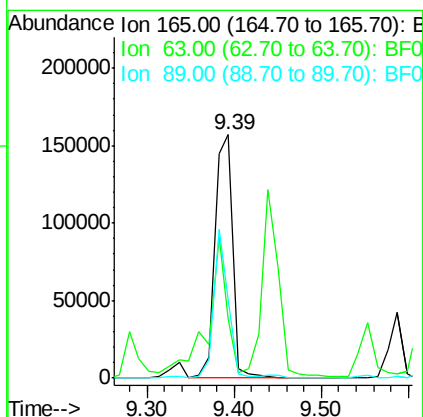
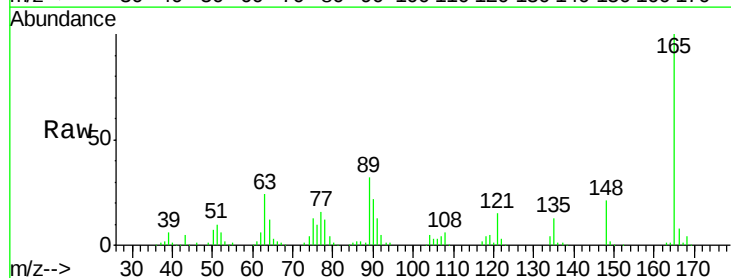
Instrument :
BNA_F
ClientSampleId :

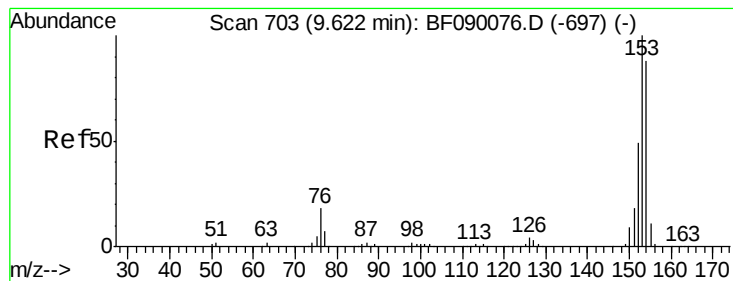
Tgt Ion:163 Resp: 1039104
Ion Ratio Lower Upper
163 100
194 3.2 2.8 4.2
164 10.0 8.1 12.1



#50
2,6-Dinitrotoluene
Concen: 40.21 ng
RT: 9.39 min Scan# 683
Delta R.T. 0.01 min
Lab File: BF090080.D
Acq: 15 Sep 2016 5:30

Tgt Ion:165 Resp: 226610
Ion Ratio Lower Upper
165 100
63 24.2 49.9 74.9#
89 32.1 51.0 76.4#





#51

Acenaphthene

Concen: 41.01 ng

RT: 9.62 min Scan# 703

Delta R.T. 0.00 min

Lab File: BF090080.D

Acq: 15 Sep 2016 5:30

Instrument :

BNA_F

ClientSampled :

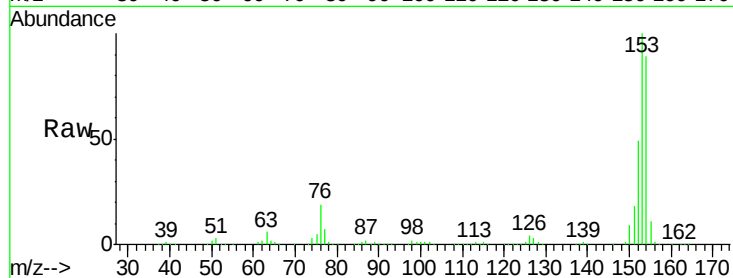
Tgt Ion:154 Resp: 791976

Ion Ratio Lower Upper

154 100

153 112.5 90.8 136.2

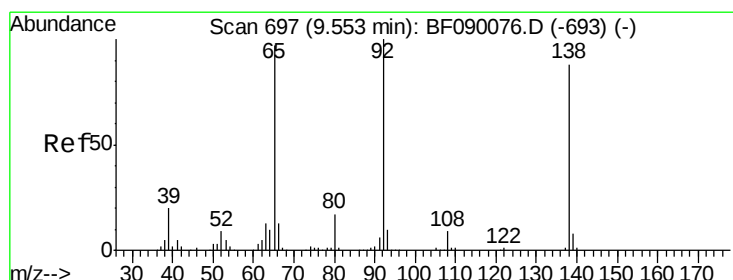
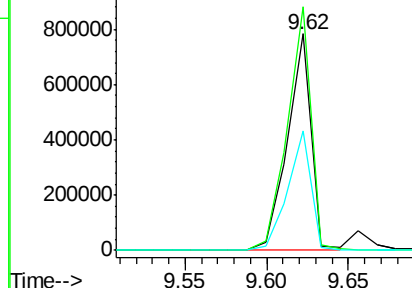
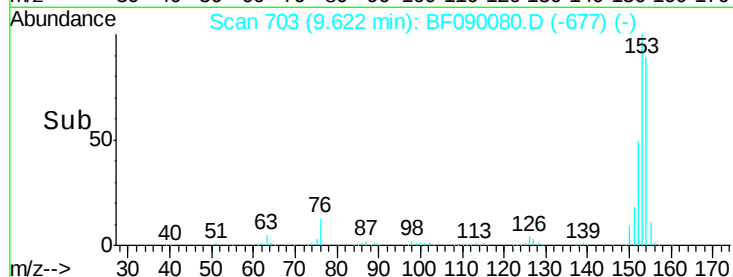
152 55.1 44.2 66.4



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: 40.58 ng

RT: 9.55 min Scan# 697

Delta R.T. 0.00 min

Lab File: BF090080.D

Acq: 15 Sep 2016 5:30

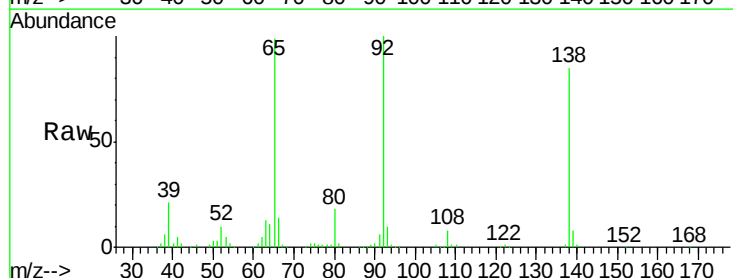
Tgt Ion:138 Resp: 278244

Ion Ratio Lower Upper

138 100

108 9.7 7.8 11.6

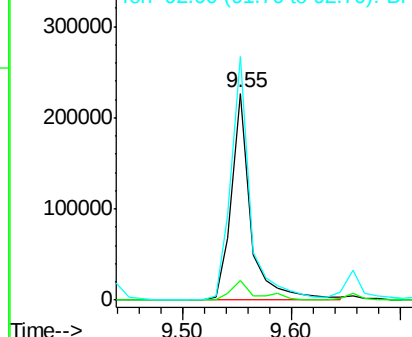
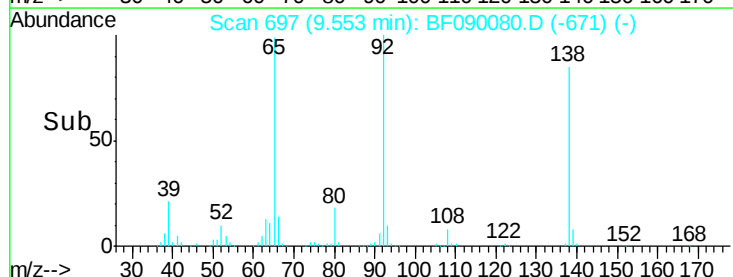
92 117.7 90.7 136.1

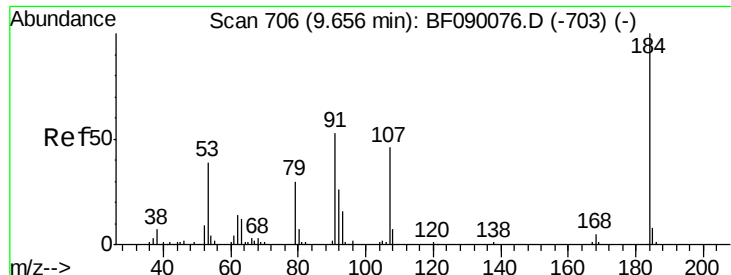


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

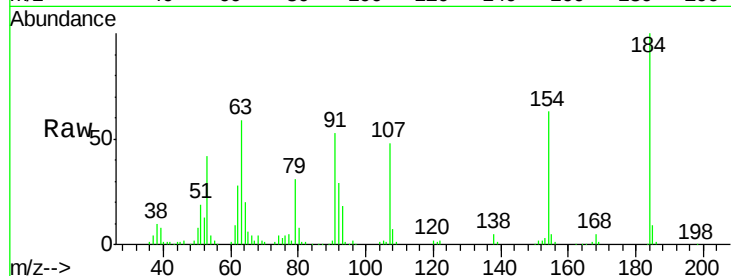




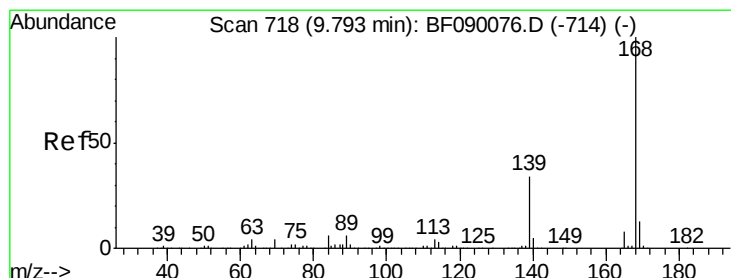
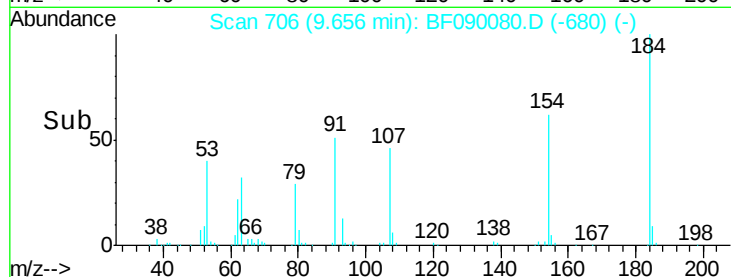
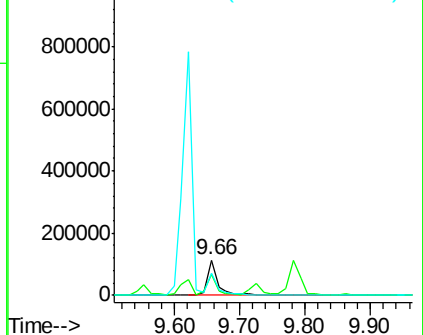
#53
2,4-Dinitrophenol
Concen: 42.32 ng
RT: 9.66 min Scan# 706
Delta R.T. 0.00 min
Lab File: BF090080.D
Acq: 15 Sep 2016 5:30

Instrument :
BNA_F
ClientSampled :

Tgt Ion:184 Resp: 129660
Ion Ratio Lower Upper
184 100
63 58.8 44.6 67.0
154 62.7 49.7 74.5

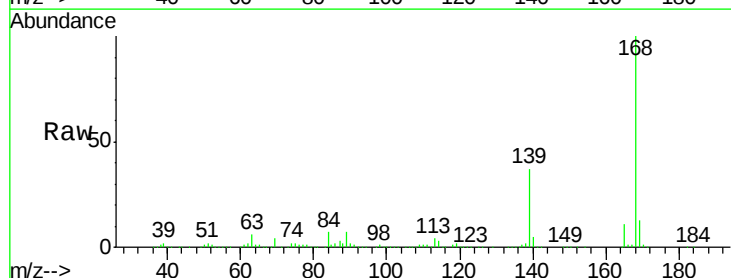


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

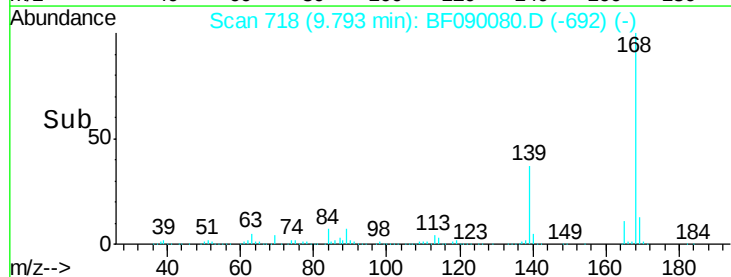
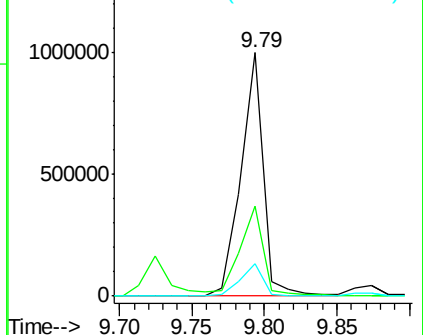


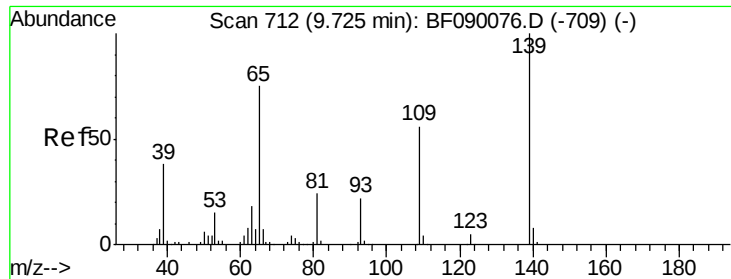
#54
Dibenzofuran
Concen: 40.18 ng
RT: 9.79 min Scan# 718
Delta R.T. 0.00 min
Lab File: BF090080.D
Acq: 15 Sep 2016 5:30

Tgt Ion:168 Resp: 1072982
Ion Ratio Lower Upper
168 100
139 37.0 28.8 43.2
169 13.4 10.7 16.1



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

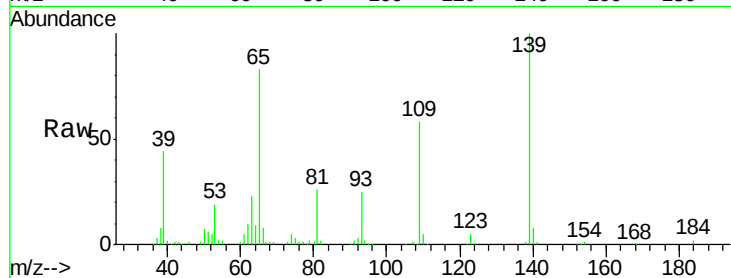




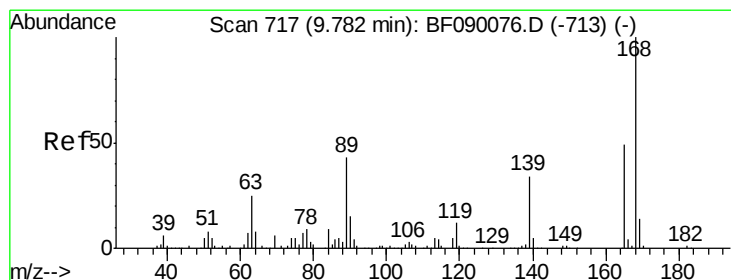
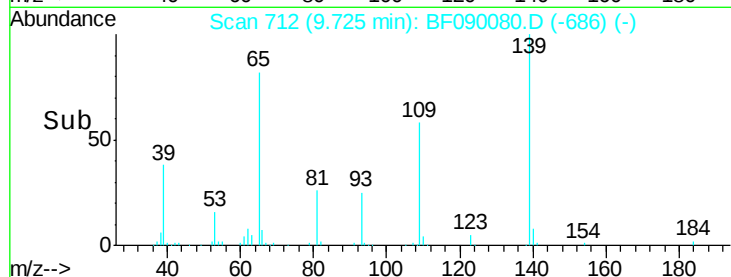
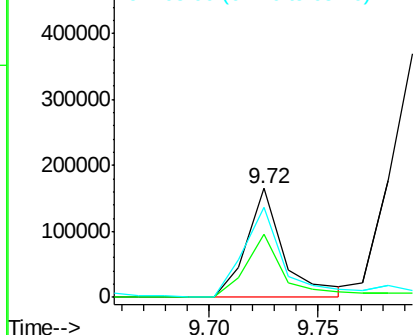
#55
 4-Nitrophenol
 Concen: 41.06 ng
 RT: 9.72 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: BF090080.D
 Acq: 15 Sep 2016 5:30

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
139	100		
109	58.3	35.6	75.6
65	82.9	55.5	95.5



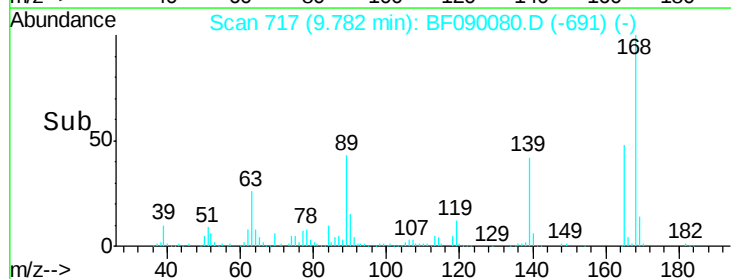
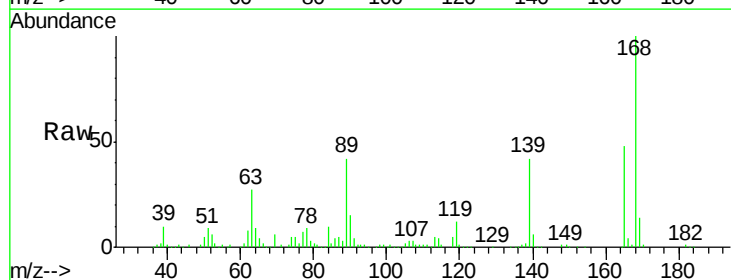
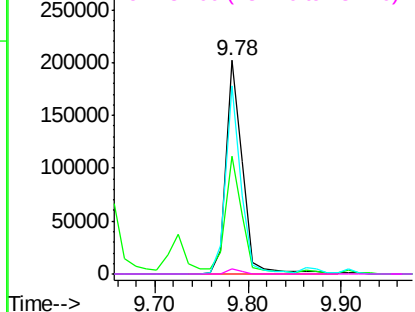
Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): BF0

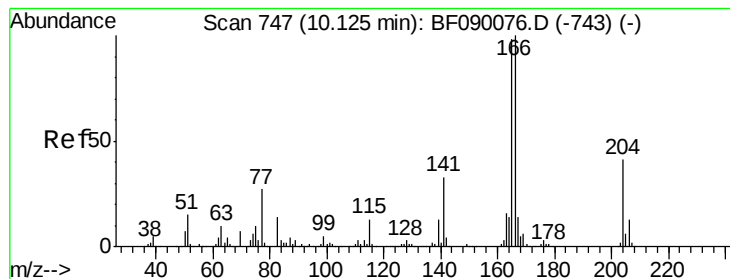


#56
 2,4-Dinitrotoluene
 Concen: 36.19 ng
 RT: 9.78 min Scan# 717
 Delta R.T. 0.00 min
 Lab File: BF090080.D
 Acq: 15 Sep 2016 5:30

Tgt Ion	Ratio	Lower	Upper
165	100		
63	55.4	44.4	66.6
89	88.0	70.1	105.1
182	2.1	1.7	2.5

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





#57

Fluorene

Concen: 38.40 ng

RT: 10.12 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF090080.D

Acq: 15 Sep 2016 5:30

Instrument :

BNA_F

ClientSampleId :

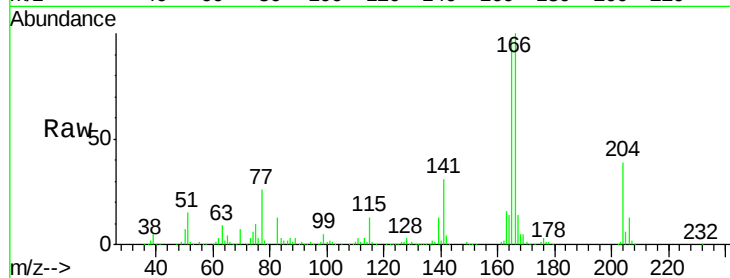
Tgt Ion:166 Resp: 782771

Ion Ratio Lower Upper

166 100

165 97.4 78.5 117.7

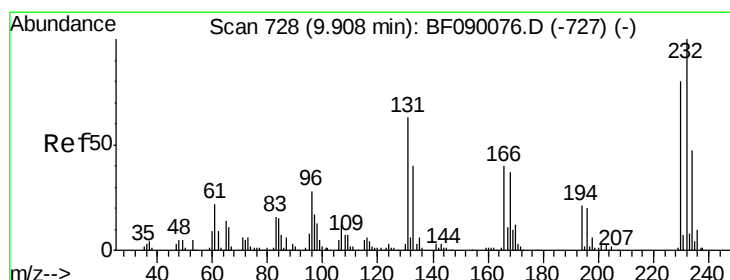
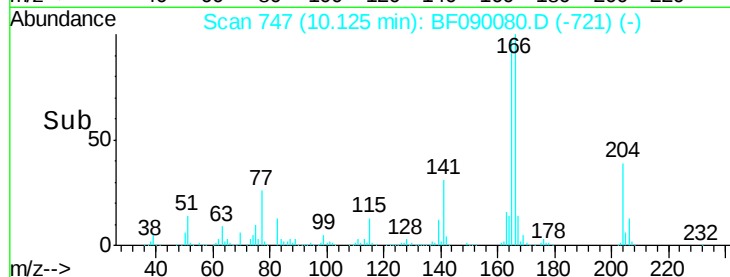
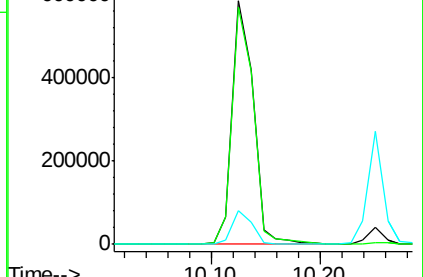
167 13.8 11.2 16.8



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: 37.04 ng

RT: 9.91 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF090080.D

Acq: 15 Sep 2016 5:30

Tgt Ion:232 Resp: 192266

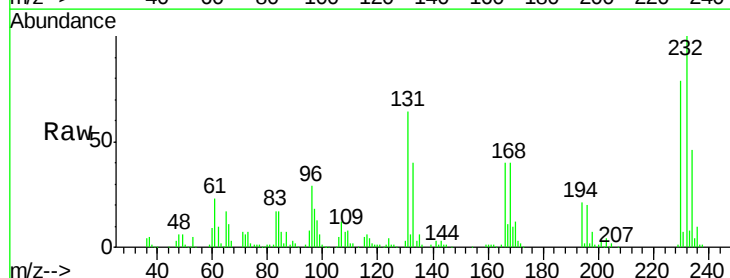
Ion Ratio Lower Upper

232 100

131 51.4 42.2 63.4

130 2.2 1.9 2.9

166 33.3 26.4 39.6

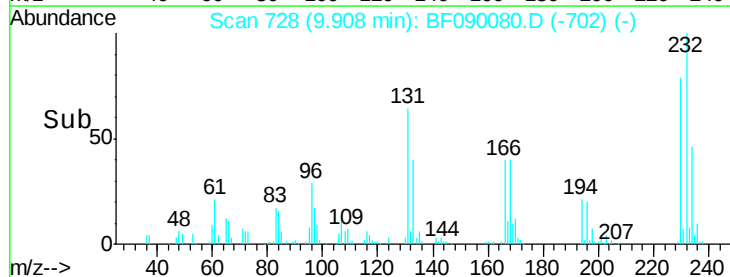
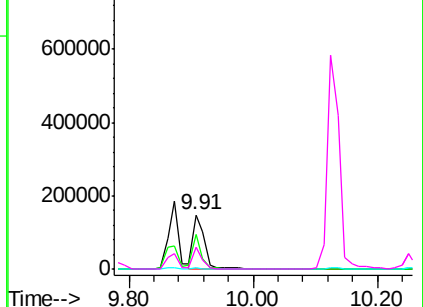


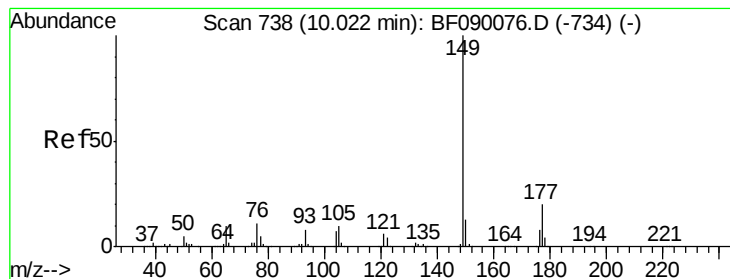
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 36.87 ng

RT: 10.02 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF090080.D

Acq: 15 Sep 2016 5:30

Instrument :

BNA_F

ClientSampled :

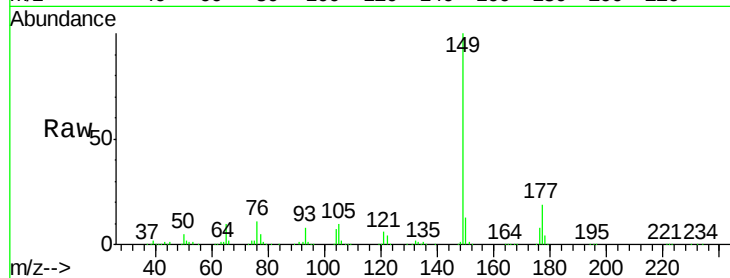
Tgt Ion:149 Resp: 900196

Ion Ratio Lower Upper

149 100

177 19.5 15.8 23.6

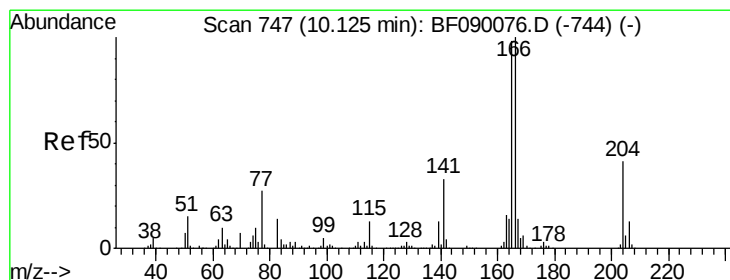
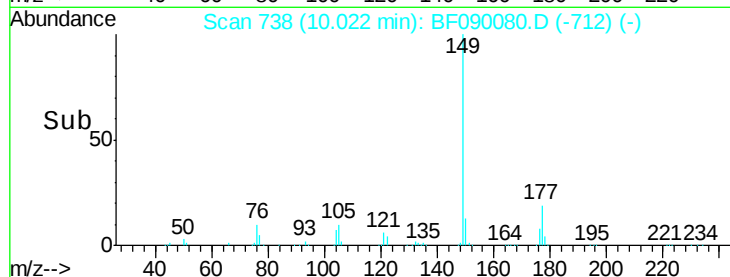
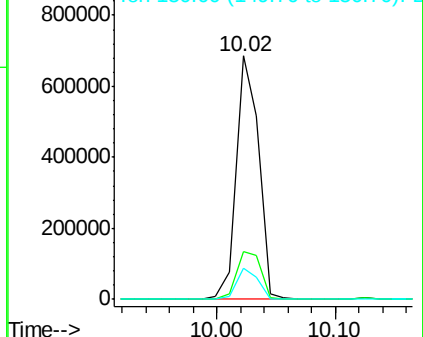
150 12.9 10.4 15.6



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: 39.35 ng

RT: 10.12 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF090080.D

Acq: 15 Sep 2016 5:30

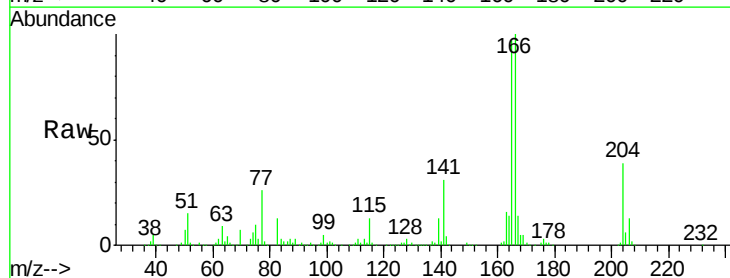
Tgt Ion:204 Resp: 321379

Ion Ratio Lower Upper

204 100

206 32.7 25.6 38.4

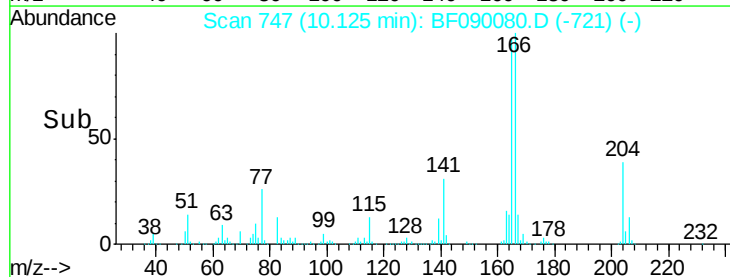
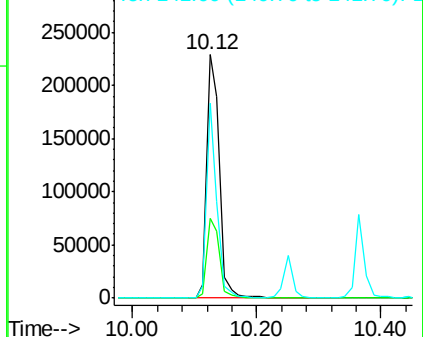
141 80.2 64.4 96.6

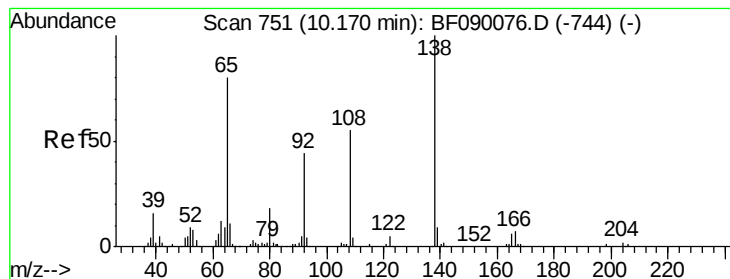


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 41.87 ng

RT: 10.17 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF090080.D

Acq: 15 Sep 2016 5:30

Instrument :

BNA_F

ClientSampleId :

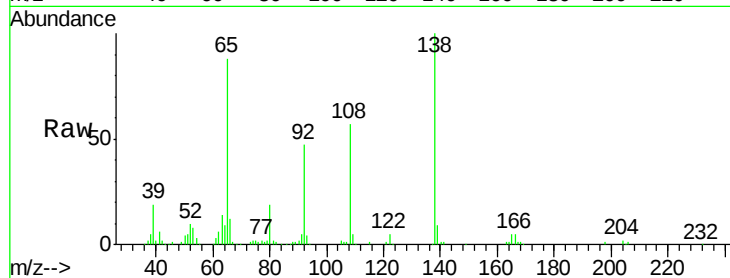
Tgt Ion:138 Resp: 290632

Ion Ratio Lower Upper

138 100

92 47.1 23.8 63.8

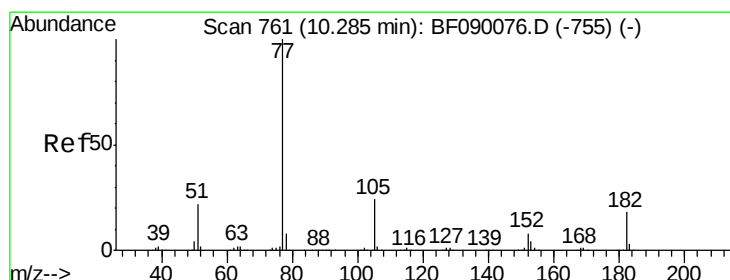
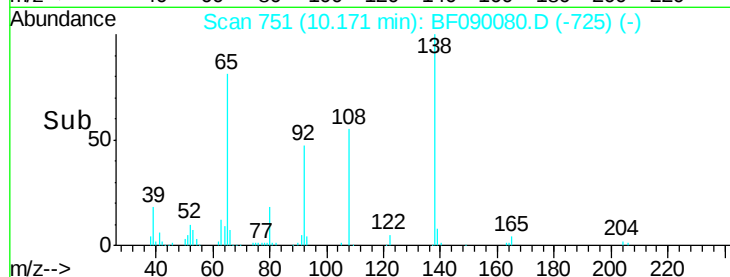
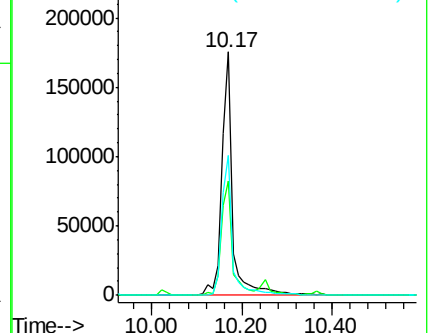
108 57.3 35.0 75.0



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 36.88 ng

RT: 10.28 min Scan# 761

Delta R.T. 0.00 min

Lab File: BF090080.D

Acq: 15 Sep 2016 5:30

Tgt Ion: 77 Resp: 944867

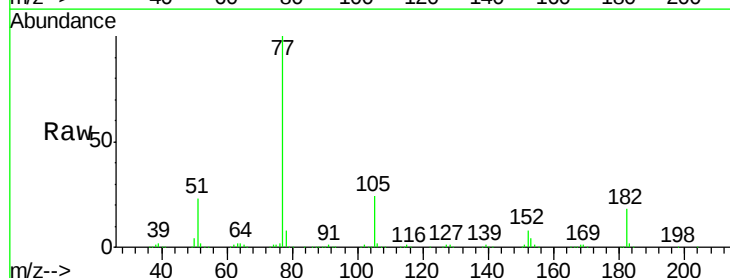
Ion Ratio Lower Upper

77 100

182 18.0 0.0 38.4

105 23.6 3.8 43.8

51 23.0 2.6 42.6

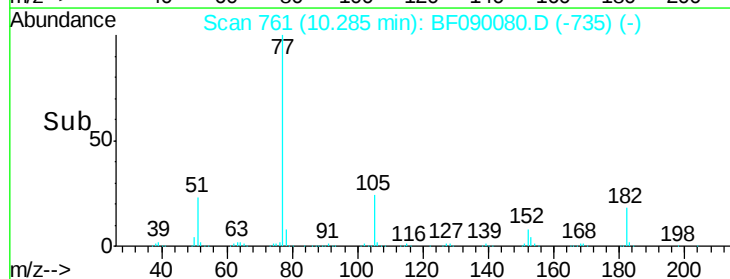
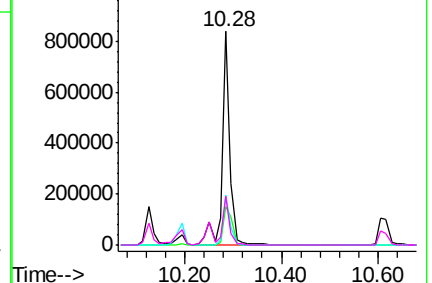


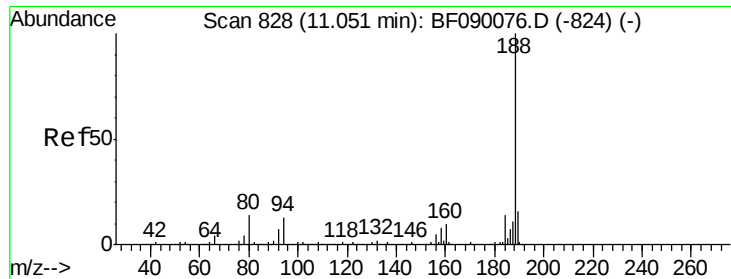
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

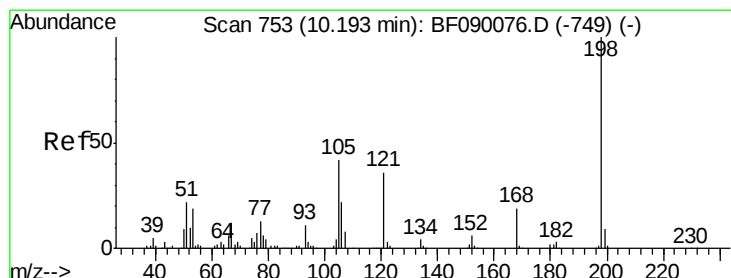
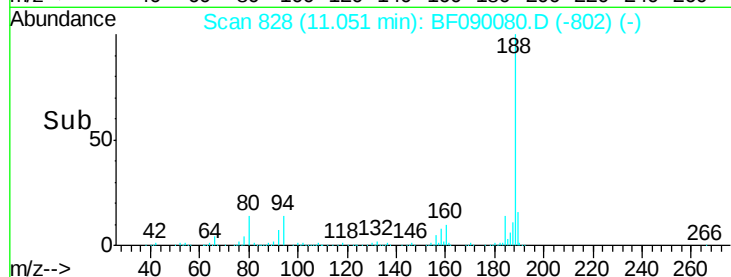
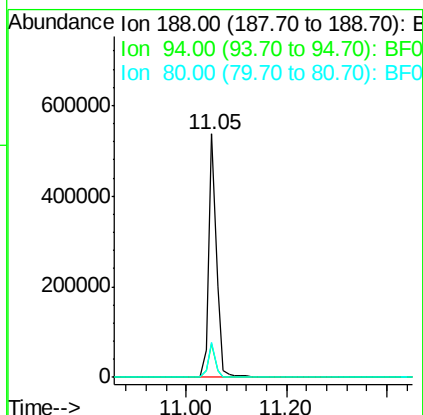
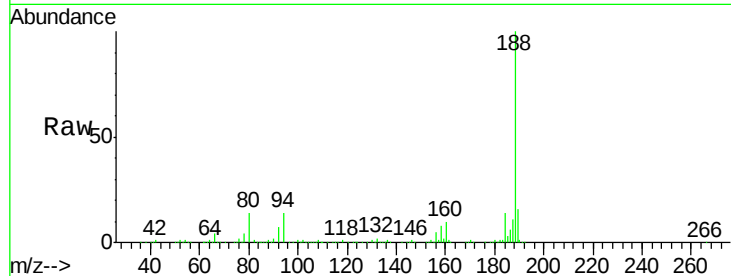




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.05 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF090080.D
Acq: 15 Sep 2016 5:30

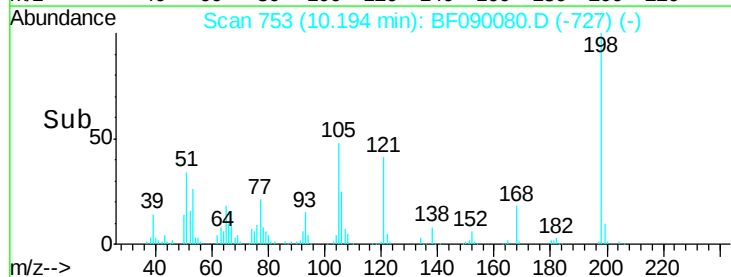
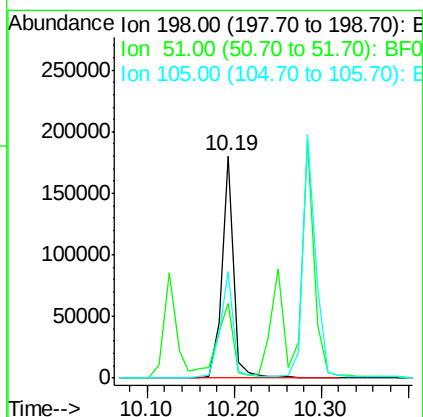
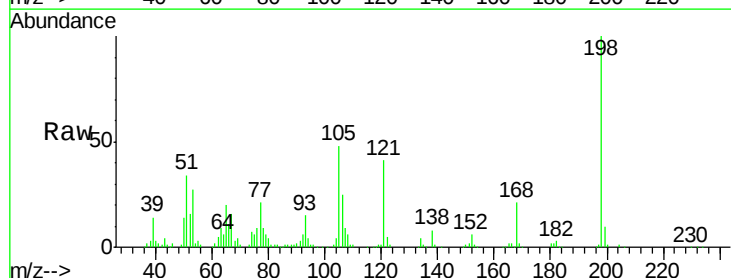
Instrument :
BNA_F
ClientSampleId :

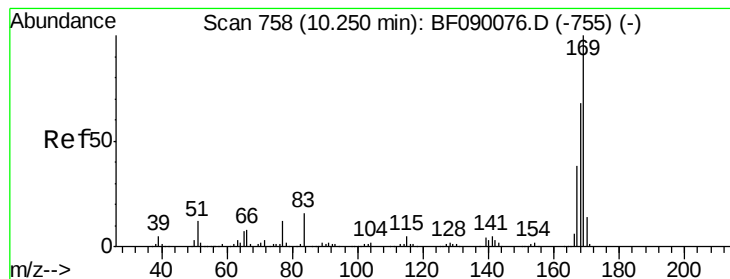
Tgt Ion:188 Resp: 581998
Ion Ratio Lower Upper
188 100
94 13.6 10.5 15.7
80 14.5 11.2 16.8



#64
4,6-Dinitro-2-methylphenol
Concen: 43.95 ng
RT: 10.19 min Scan# 753
Delta R.T. 0.00 min
Lab File: BF090080.D
Acq: 15 Sep 2016 5:30

Tgt Ion:198 Resp: 173299
Ion Ratio Lower Upper
198 100
51 33.8 5.5 45.5
105 47.9 21.8 61.8





#65

n-Nitrosodiphenylamine

Concen: 39.71 ng

RT: 10.25 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF090080.D

Acq: 15 Sep 2016 5:30

Instrument :

BNA_F

ClientSampled :

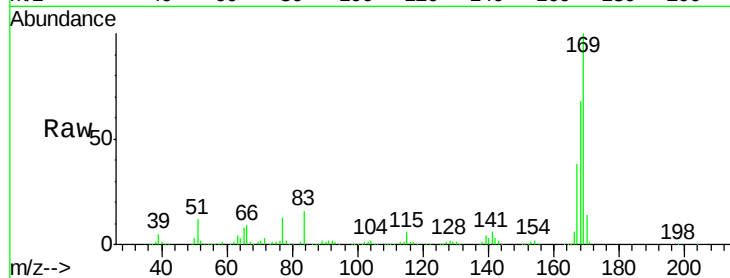
Tgt Ion:169 Resp: 732257

Ion Ratio Lower Upper

169 100

168 67.7 54.2 81.4

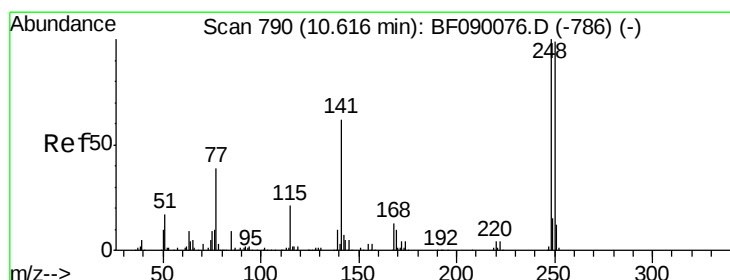
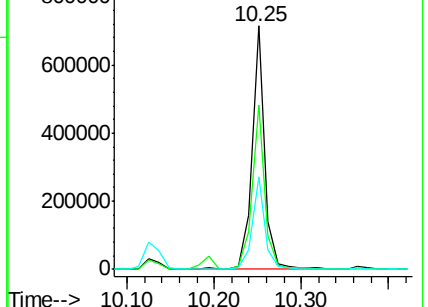
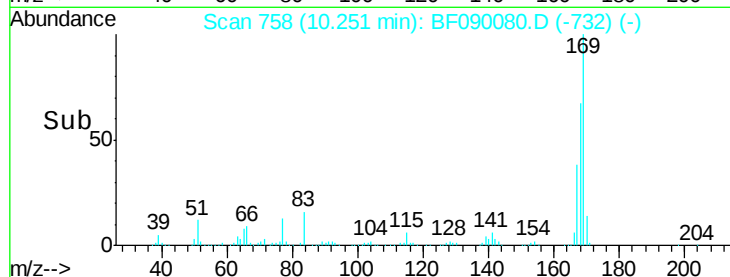
167 38.1 30.3 45.5



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: 44.04 ng

RT: 10.62 min Scan# 790

Delta R.T. 0.00 min

Lab File: BF090080.D

Acq: 15 Sep 2016 5:30

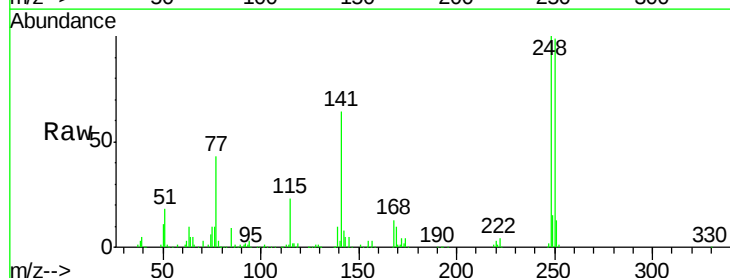
Tgt Ion:248 Resp: 247046

Ion Ratio Lower Upper

248 100

250 98.7 79.4 119.2

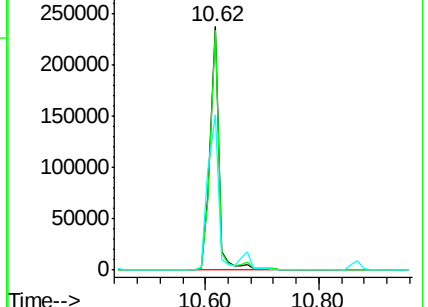
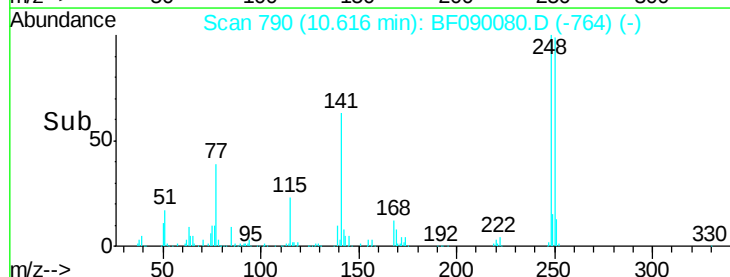
141 63.7 49.3 73.9

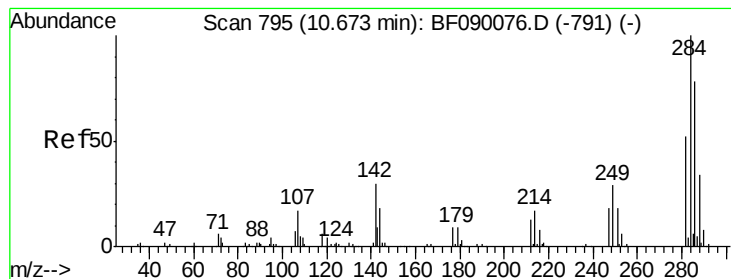


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 41.82 ng

RT: 10.67 min Scan# 795

Delta R.T. 0.00 min

Lab File: BF090080.D

Acq: 15 Sep 2016 5:30

Instrument :

BNA_F

ClientSampleId :

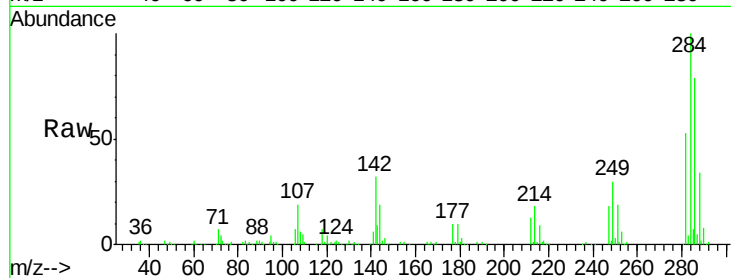
Tgt Ion:284 Resp: 276508

Ion Ratio Lower Upper

284 100

142 32.2 24.0 36.0

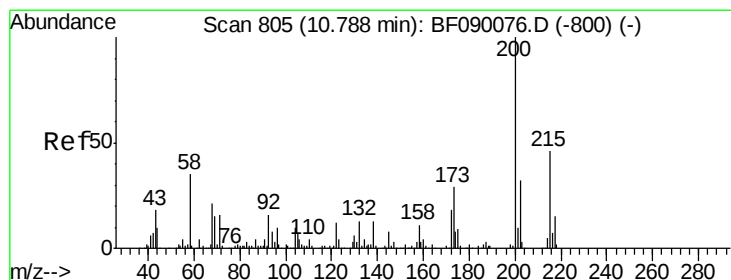
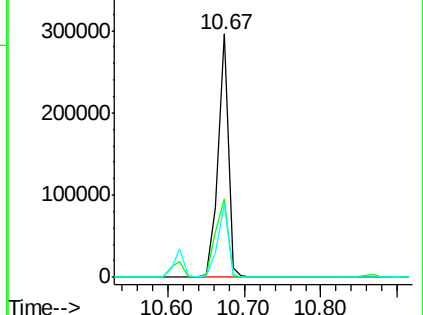
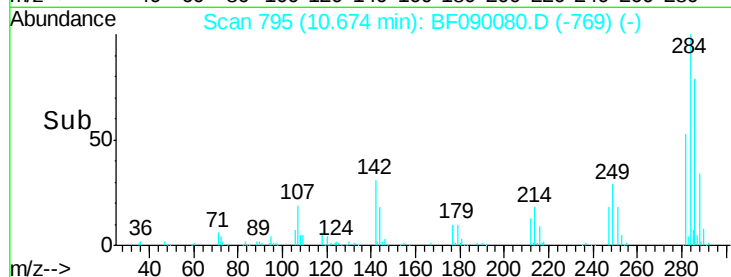
249 30.3 23.8 35.6



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: 46.47 ng

RT: 10.79 min Scan# 805

Delta R.T. 0.00 min

Lab File: BF090080.D

Acq: 15 Sep 2016 5:30

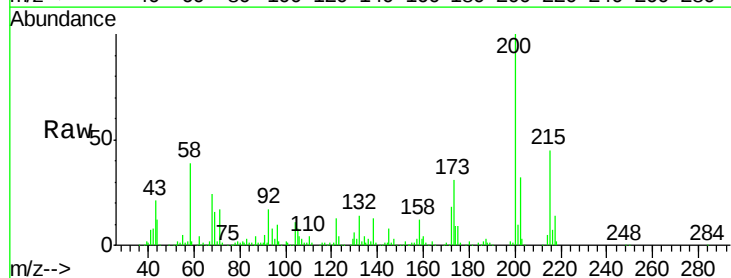
Tgt Ion:200 Resp: 254652

Ion Ratio Lower Upper

200 100

173 30.5 9.3 49.3

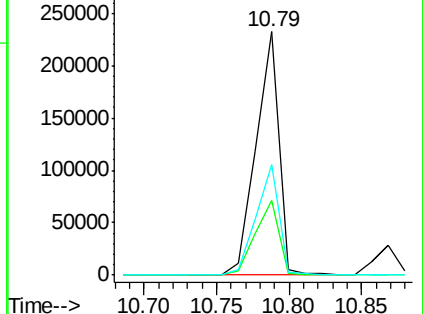
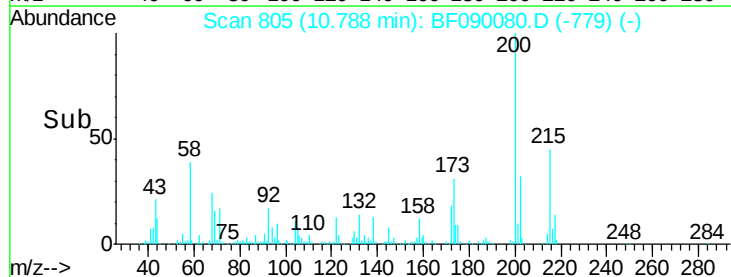
215 45.3 26.1 66.1

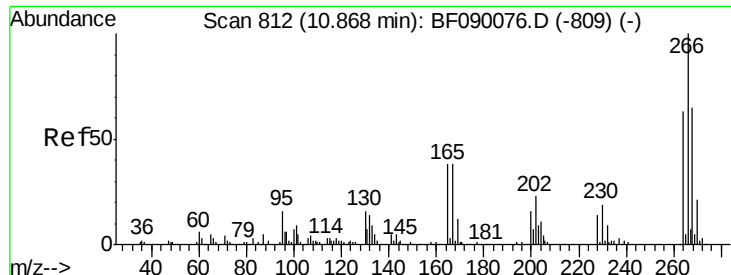


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

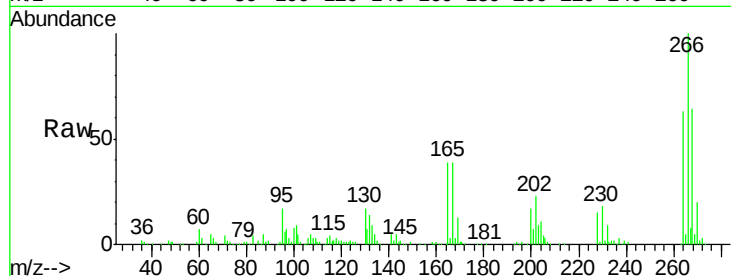




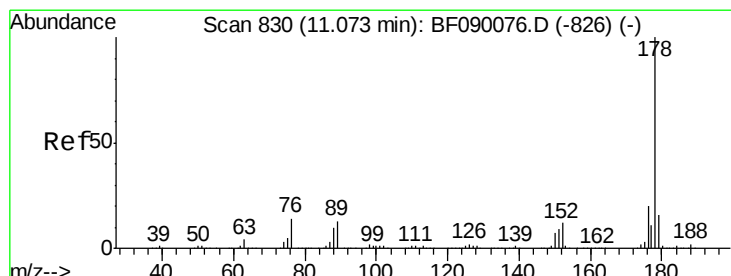
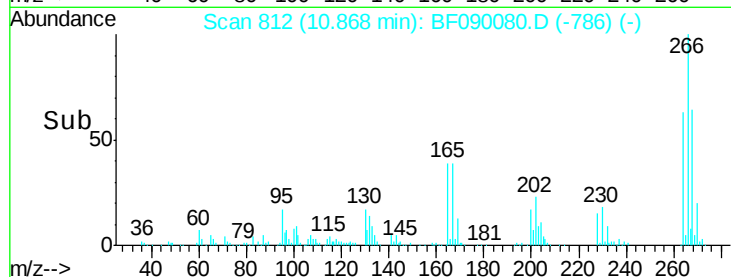
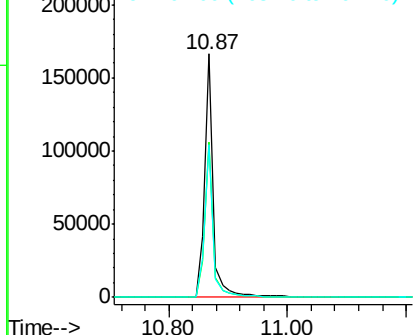
#69
 Pentachlorophenol
 Concen: 45.18 ng
 RT: 10.87 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF090080.D
 Acq: 15 Sep 2016 5:30

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:266 Resp: 174967
 Ion Ratio Lower Upper
 266 100
 268 63.6 52.1 78.1
 264 62.8 50.3 75.5

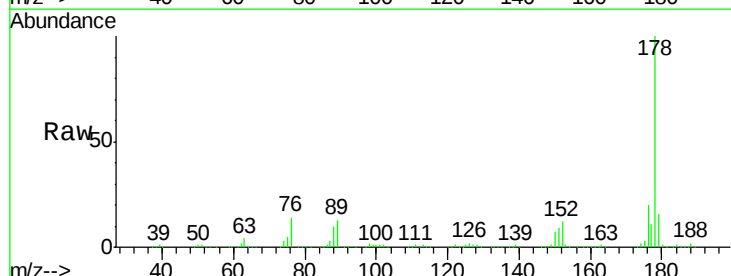


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

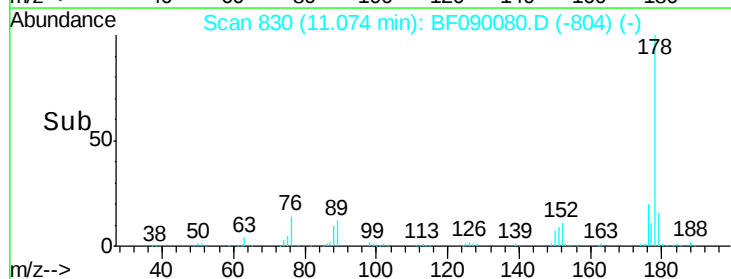
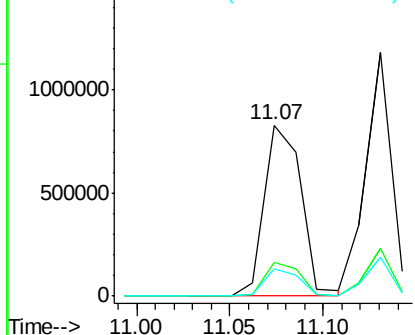


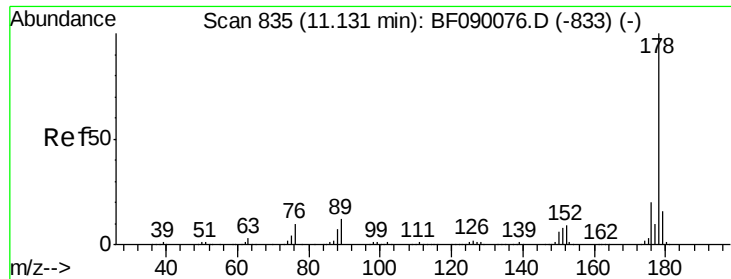
#70
 Phenanthrene
 Concen: 40.31 ng
 RT: 11.07 min Scan# 830
 Delta R.T. 0.00 min
 Lab File: BF090080.D
 Acq: 15 Sep 2016 5:30

Tgt Ion:178 Resp: 1133832
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.9 23.9
 179 15.9 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

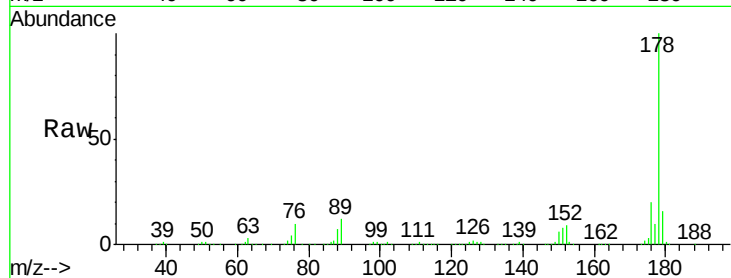




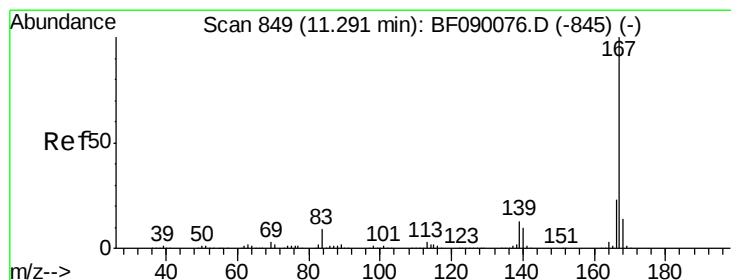
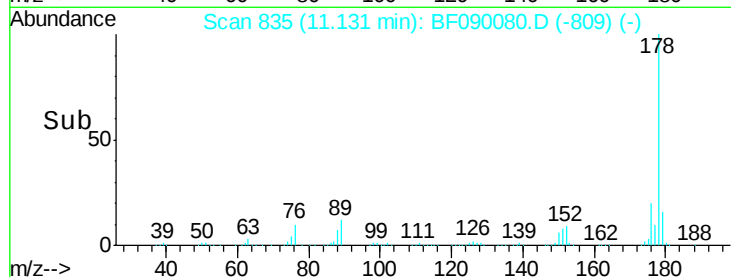
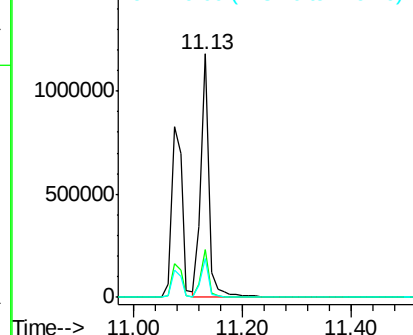
#71
 Anthracene
 Concen: 39.49 ng
 RT: 11.13 min Scan# 835
 Delta R.T. 0.00 min
 Lab File: BF090080.D
 Acq: 15 Sep 2016 5:30

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:178 Resp: 1212703
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.8 23.6
 179 15.9 12.6 19.0

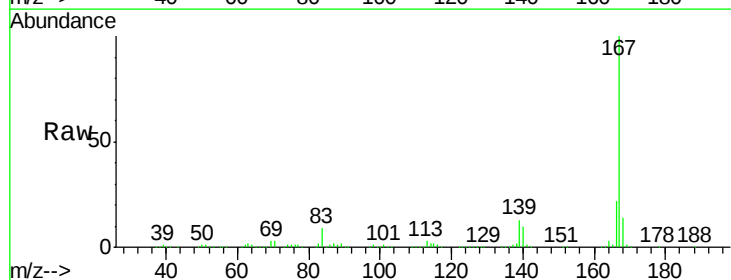


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

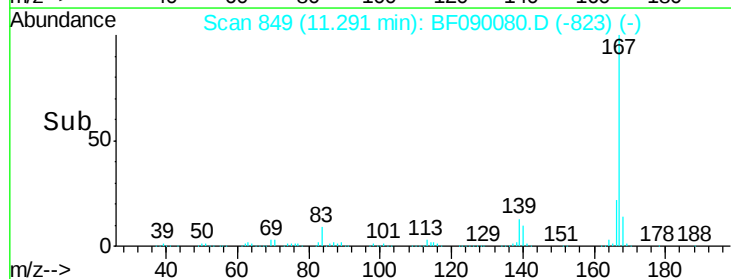
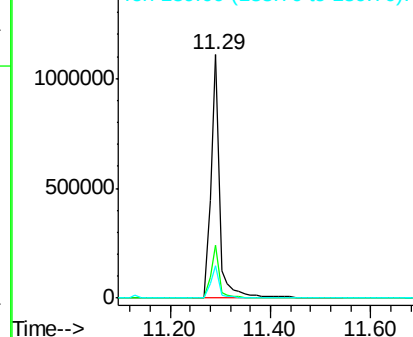


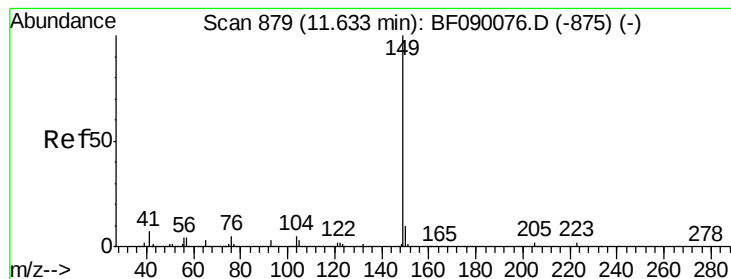
#72
 Carbazole
 Concen: 42.19 ng
 RT: 11.29 min Scan# 849
 Delta R.T. 0.00 min
 Lab File: BF090080.D
 Acq: 15 Sep 2016 5:30

Tgt Ion:167 Resp: 1329220
 Ion Ratio Lower Upper
 167 100
 166 21.9 18.0 27.0
 139 13.3 10.4 15.6



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





#73

Di-n-butylphthalate

Concen: 37.41 ng

RT: 11.63 min Scan# 879

Delta R.T. 0.00 min

Lab File: BF090080.D

Acq: 15 Sep 2016 5:30

Instrument :

BNA_F

ClientSampleId :

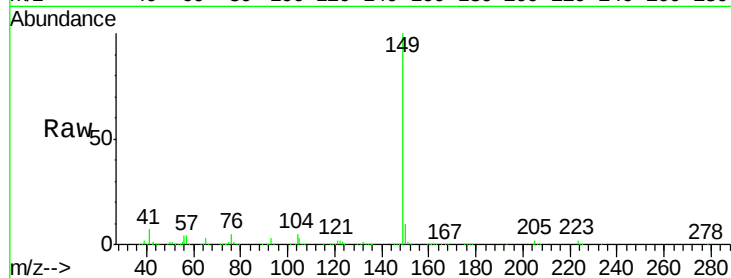
Tgt Ion:149 Resp: 1321680

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.8

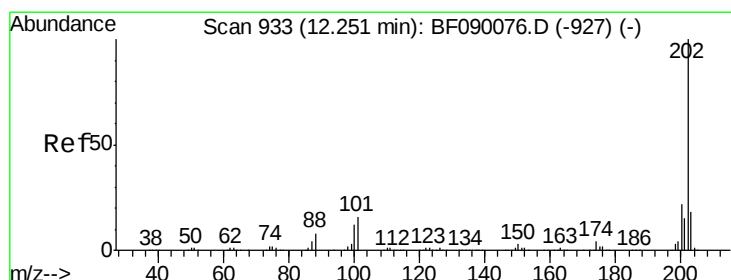
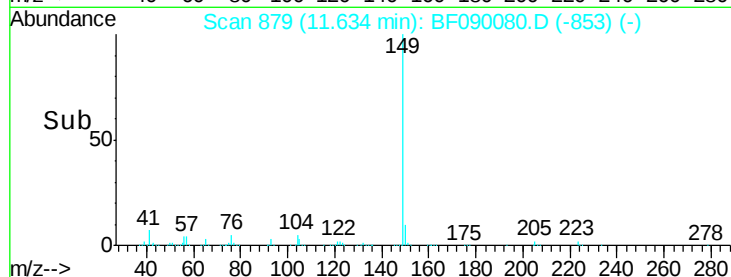
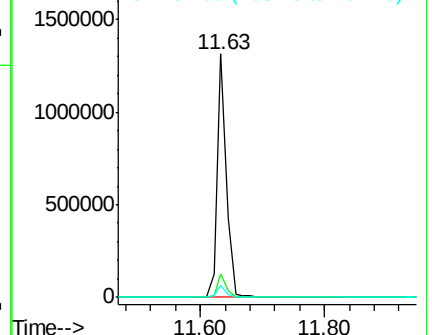
104 5.0 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.32 ng

RT: 12.25 min Scan# 933

Delta R.T. 0.00 min

Lab File: BF090080.D

Acq: 15 Sep 2016 5:30

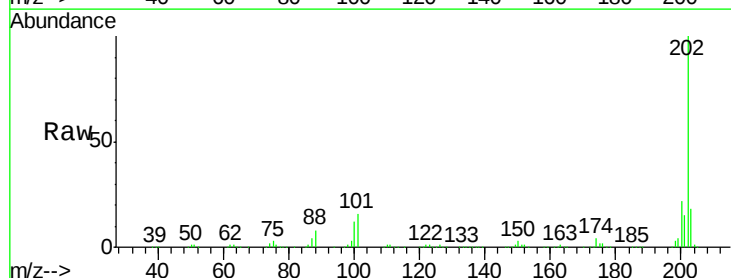
Tgt Ion:202 Resp: 1129331

Ion Ratio Lower Upper

202 100

101 16.0 0.0 36.1

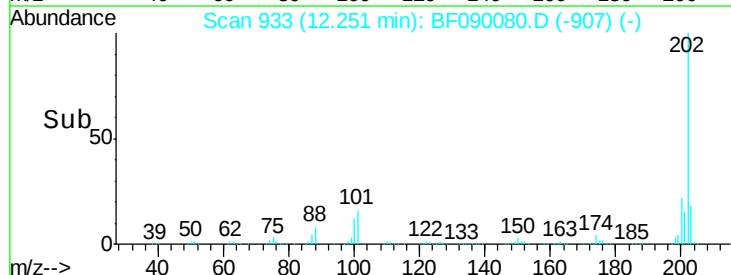
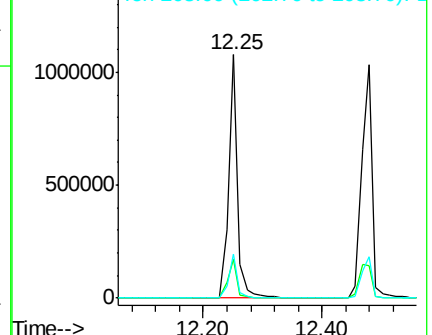
203 18.2 0.0 38.2

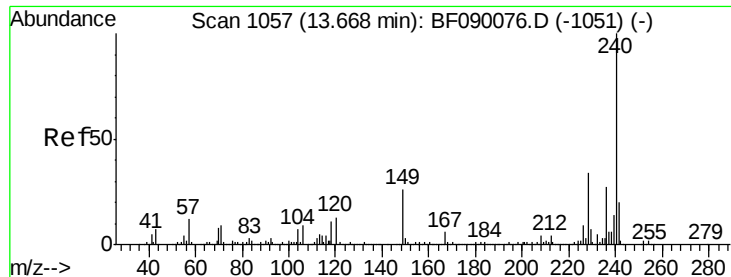


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.67 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BF090080.D

Acq: 15 Sep 2016 5:30

Instrument :

BNA_F

ClientSampleId :

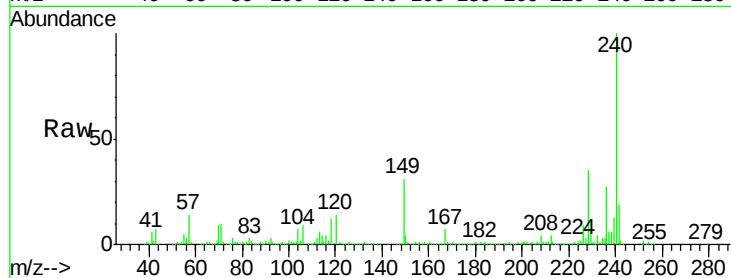
Tgt Ion:240 Resp: 446540

Ion Ratio Lower Upper

240 100

120 13.8 10.6 16.0

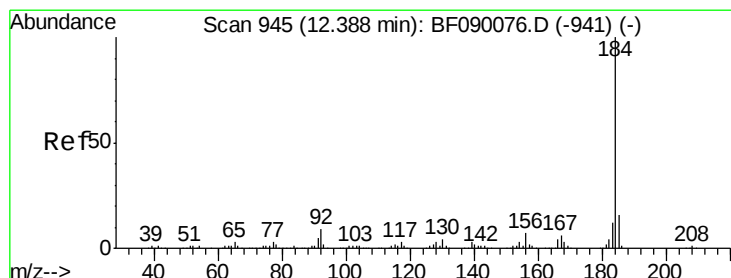
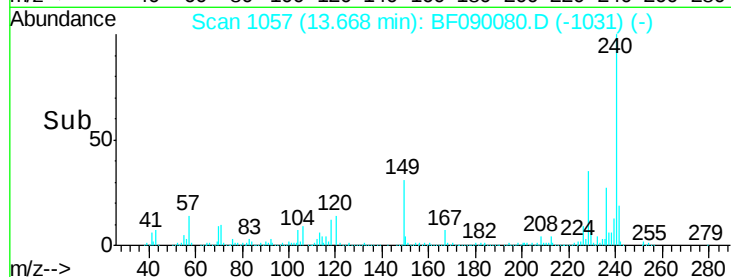
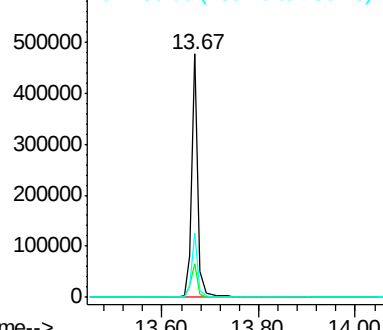
236 26.5 21.6 32.4



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: 39.87 ng

RT: 12.39 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF090080.D

Acq: 15 Sep 2016 5:30

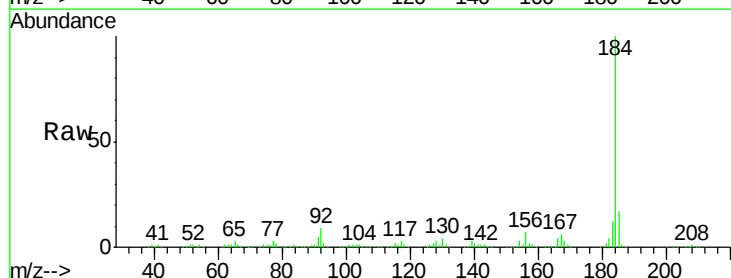
Tgt Ion:184 Resp: 726286

Ion Ratio Lower Upper

184 100

185 17.4 13.2 19.8

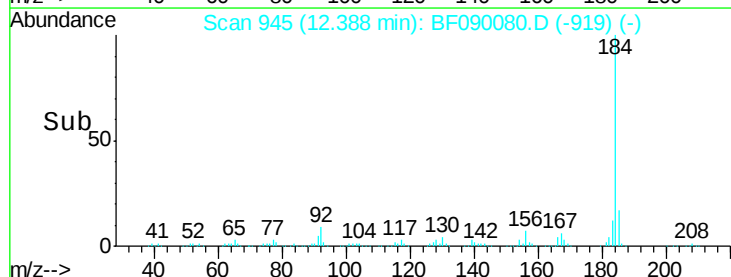
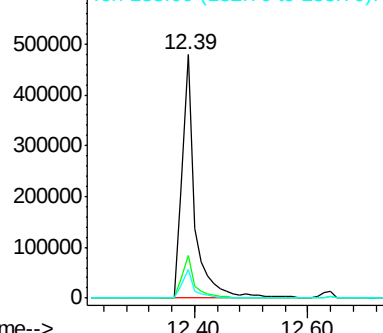
183 11.6 9.2 13.8

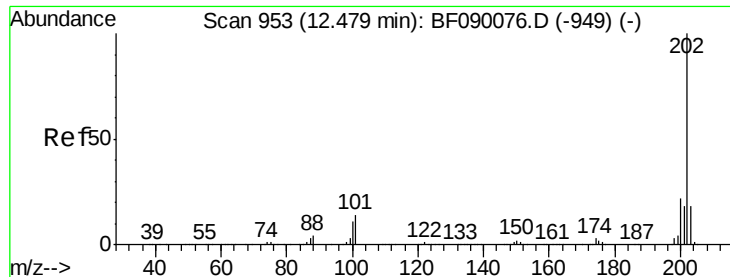


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

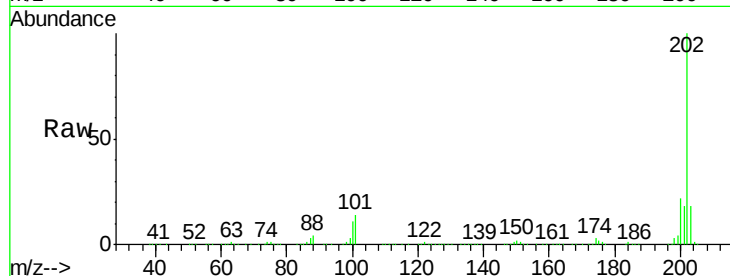




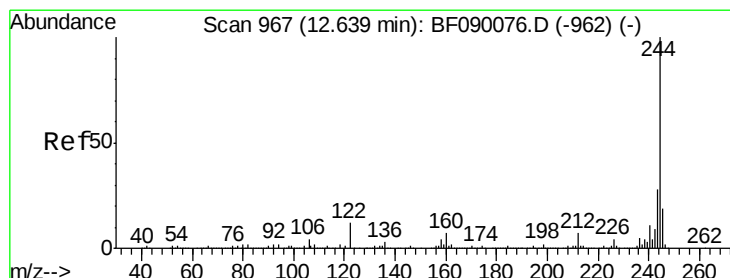
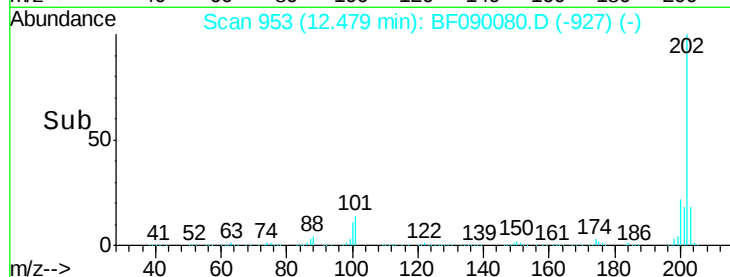
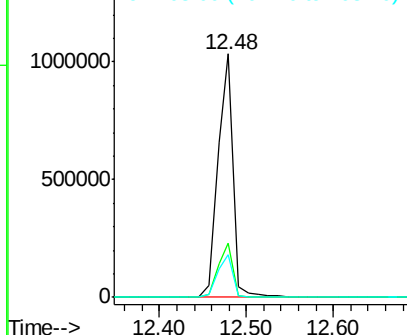
#77
 Pyrene
 Concen: 38.64 ng
 RT: 12.48 min Scan# 953
 Delta R.T. 0.00 min
 Lab File: BF090080.D
 Acq: 15 Sep 2016 5:30

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion: 202 Resp: 1259245
 Ion Ratio Lower Upper
 202 100
 200 22.4 17.9 26.9
 203 17.5 14.2 21.4

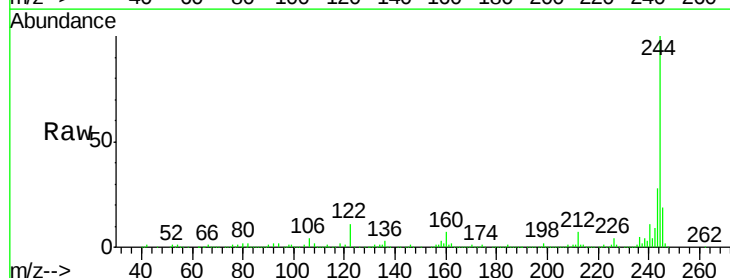


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

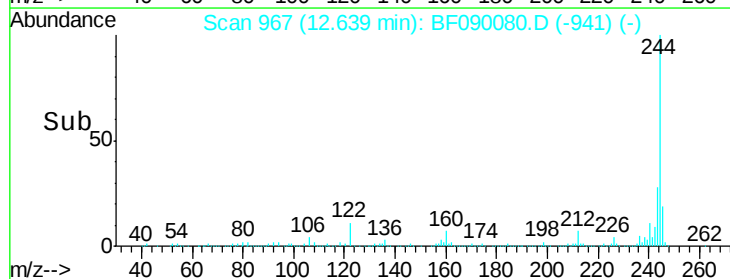
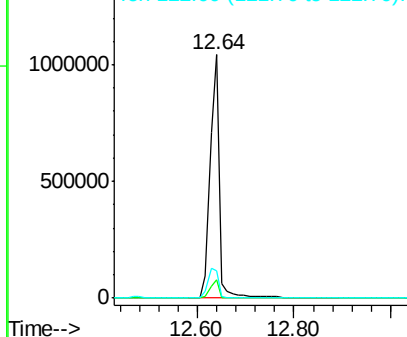


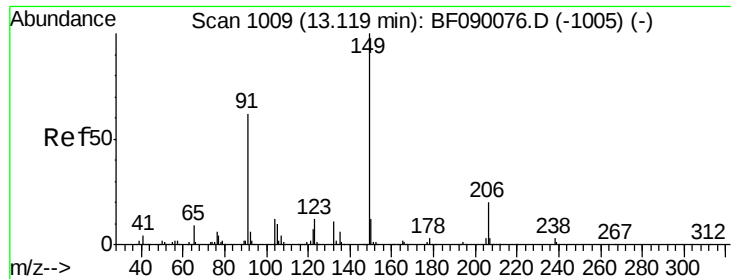
#78
 Terphenyl-d14
 Concen: 74.85 ng
 RT: 12.64 min Scan# 967
 Delta R.T. 0.00 min
 Lab File: BF090080.D
 Acq: 15 Sep 2016 5:30

Tgt Ion: 244 Resp: 1407502
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 11.2 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: 38.84 ng

RT: 13.12 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BF090080.D

Acq: 15 Sep 2016 5:30

Instrument :

BNA_F

ClientSampleId :

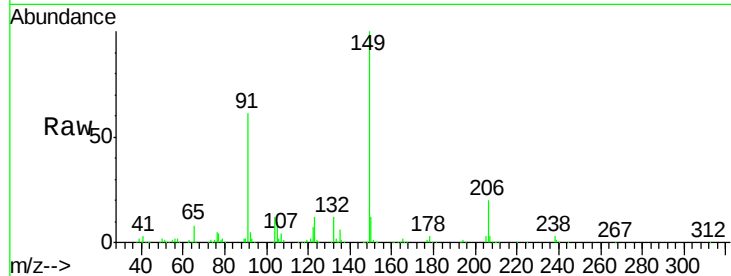
Tgt Ion:149 Resp: 630366

Ion Ratio Lower Upper

149 100

91 61.2 49.8 74.6

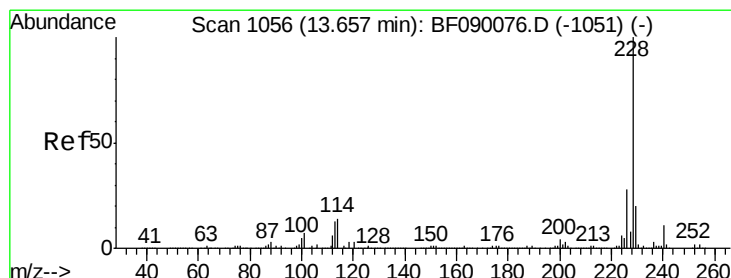
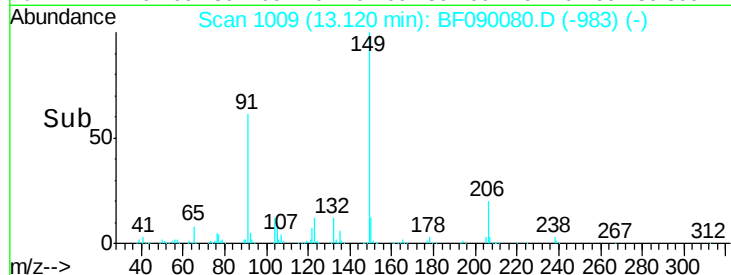
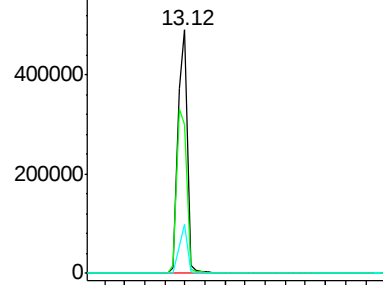
206 20.4 16.3 24.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 38.74 ng

RT: 13.66 min Scan# 1056

Delta R.T. 0.00 min

Lab File: BF090080.D

Acq: 15 Sep 2016 5:30

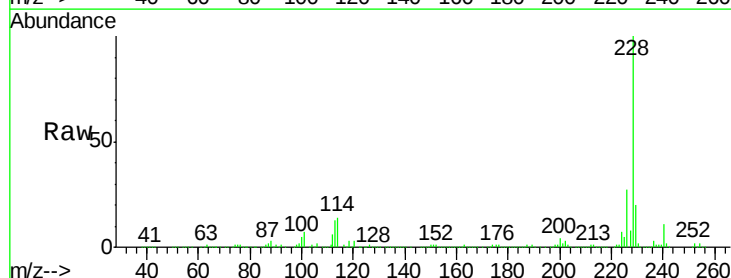
Tgt Ion:228 Resp: 1009912

Ion Ratio Lower Upper

228 100

226 27.4 22.0 33.0

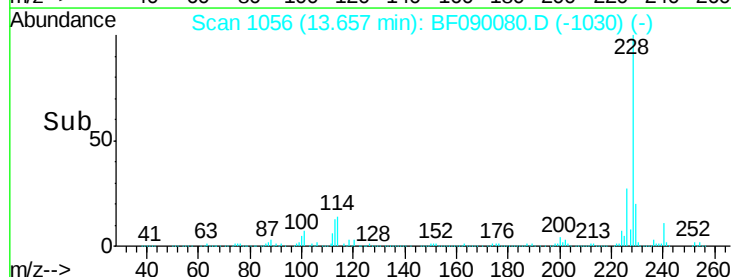
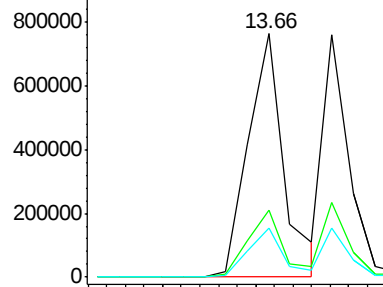
229 20.1 16.2 24.2

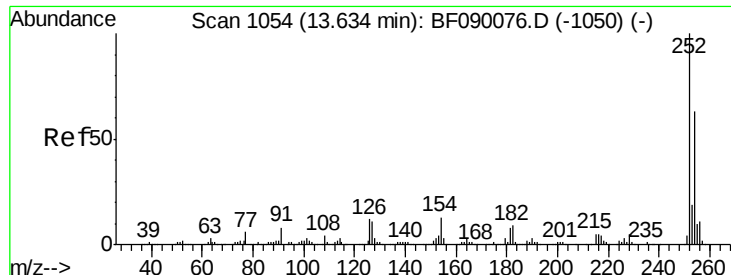


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

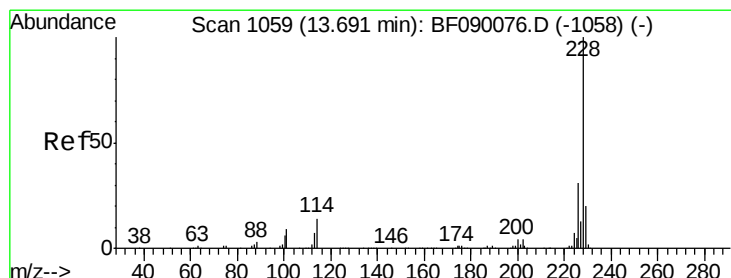
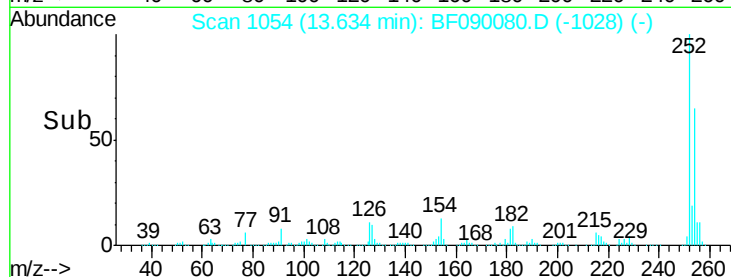
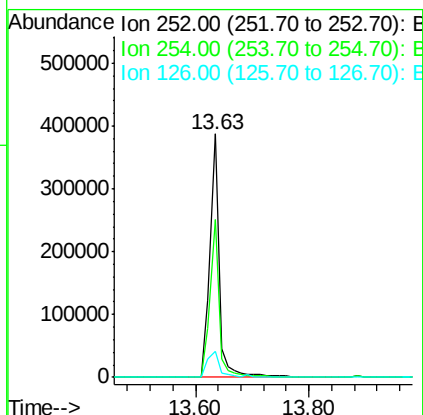
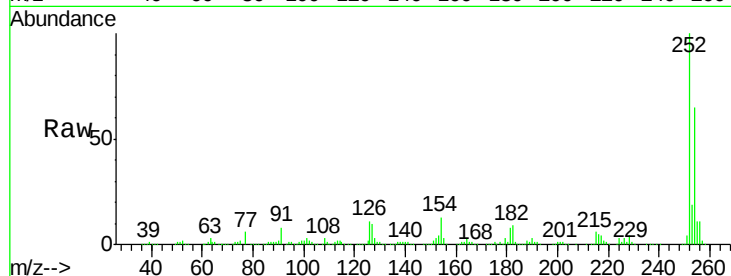




#81
 3,3'-Dichlorobenzidine
 Concen: 39.32 ng
 RT: 13.63 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: BF090080.D
 Acq: 15 Sep 2016 5:30

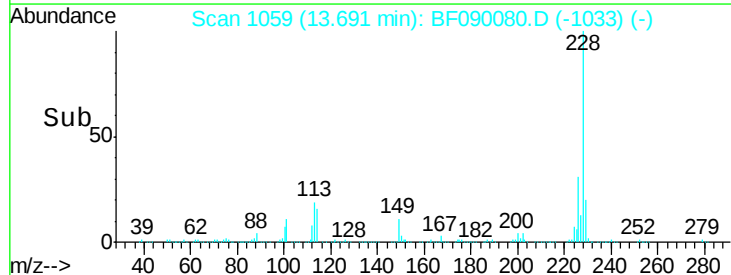
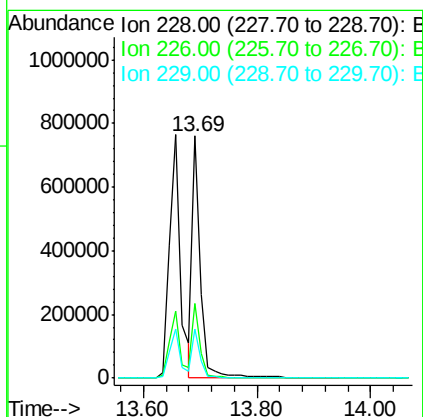
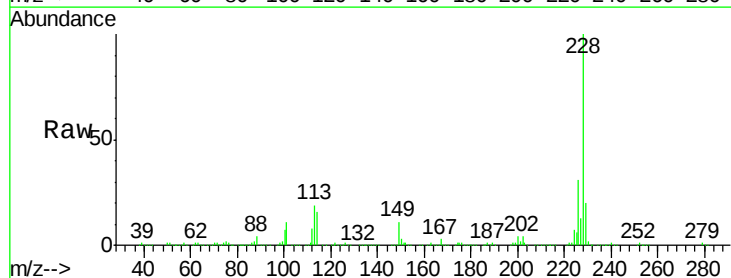
Instrument :
 BNA_F
 ClientSampleId :

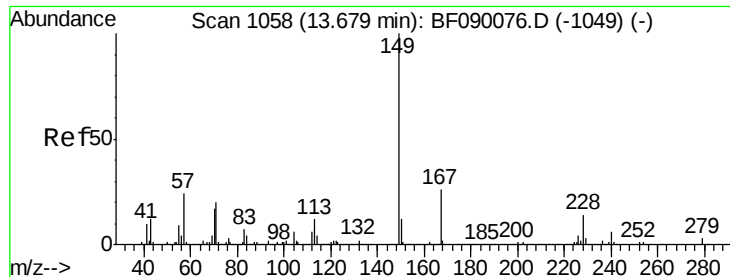
Tgt Ion:252 Resp: 429607
 Ion Ratio Lower Upper
 252 100
 254 64.6 50.7 76.1
 126 10.8 9.2 13.8



#82
 Chrysene
 Concen: 32.27 ng
 RT: 13.69 min Scan# 1059
 Delta R.T. 0.00 min
 Lab File: BF090080.D
 Acq: 15 Sep 2016 5:30

Tgt Ion:228 Resp: 788992
 Ion Ratio Lower Upper
 228 100
 226 30.7 24.6 37.0
 229 20.2 16.2 24.4

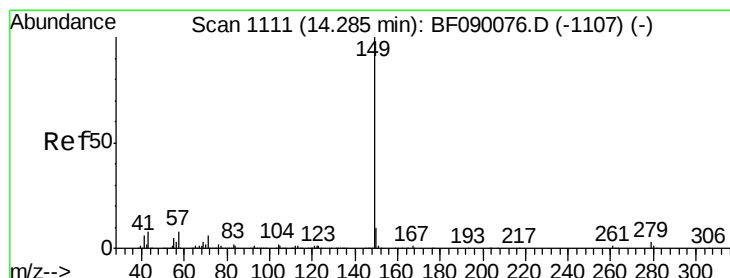
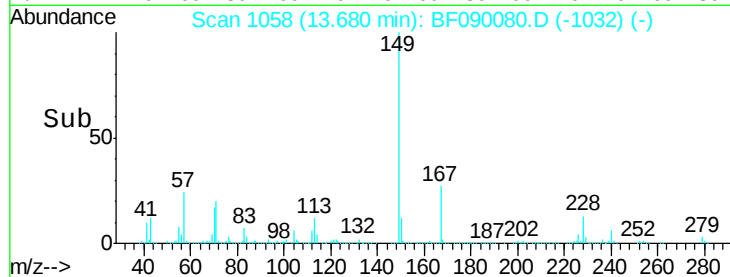
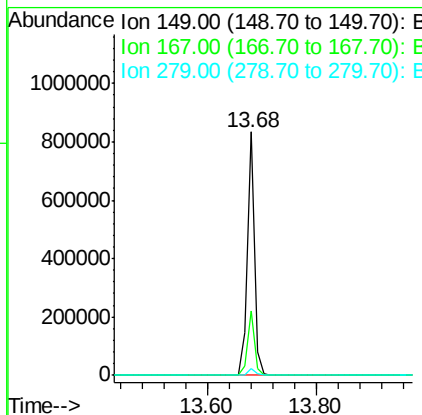
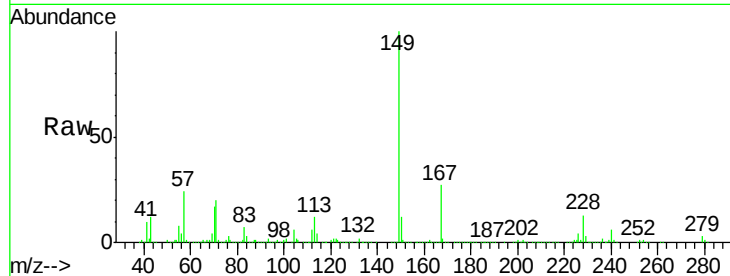




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.17 ng
 RT: 13.68 min Scan# 1058
 Delta R.T. 0.00 min
 Lab File: BF090080.D
 Acq: 15 Sep 2016 5:30

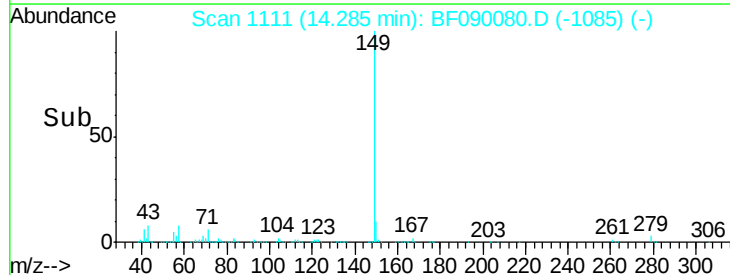
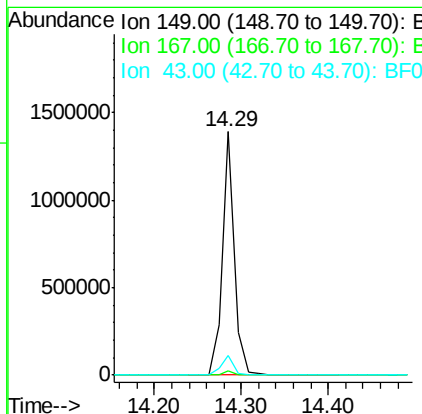
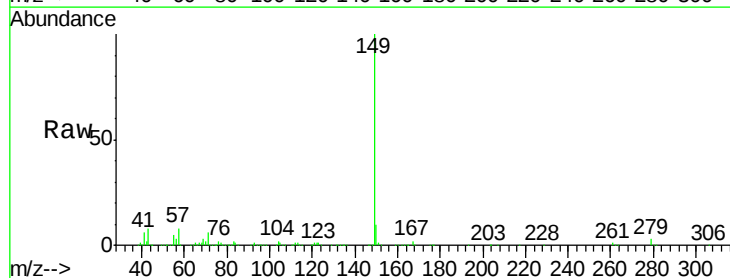
Instrument :
 BNA_F
 ClientSampleId :

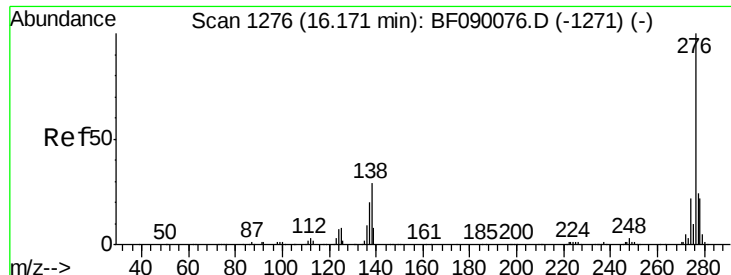
Tgt Ion:149 Resp: 746207
 Ion Ratio Lower Upper
 149 100
 167 26.6 21.2 31.8
 279 2.9 2.2 3.2



#84
 Di-n-octyl phthalate
 Concen: 37.46 ng
 RT: 14.29 min Scan# 1111
 Delta R.T. 0.00 min
 Lab File: BF090080.D
 Acq: 15 Sep 2016 5:30

Tgt Ion:149 Resp: 1344113
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 8.4 6.8 10.2

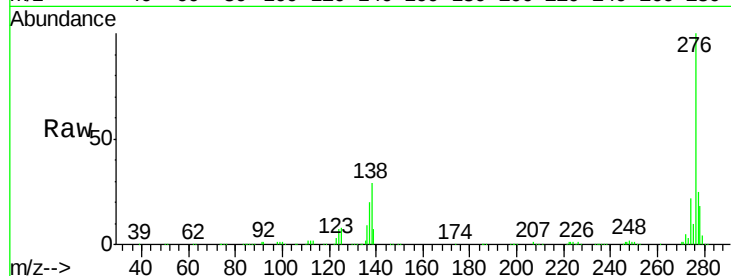




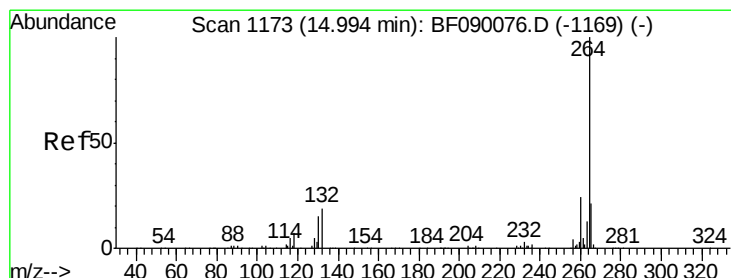
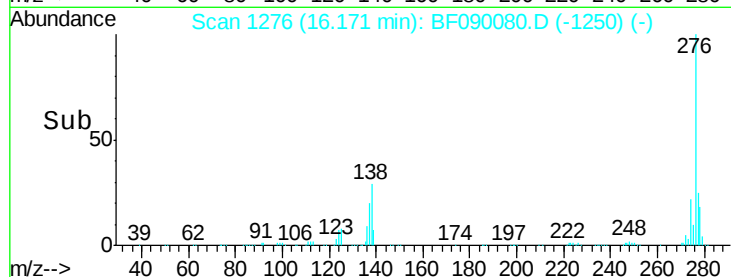
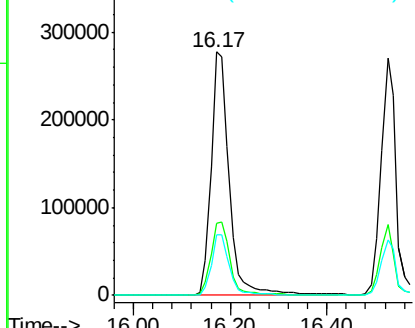
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 34.92 ng
 RT: 16.17 min Scan# 1276
 Delta R.T. 0.00 min
 Lab File: BF090080.D
 Acq: 15 Sep 2016 5:30

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
276	100		
138	32.1	25.9	38.9
277	25.0	19.9	29.9

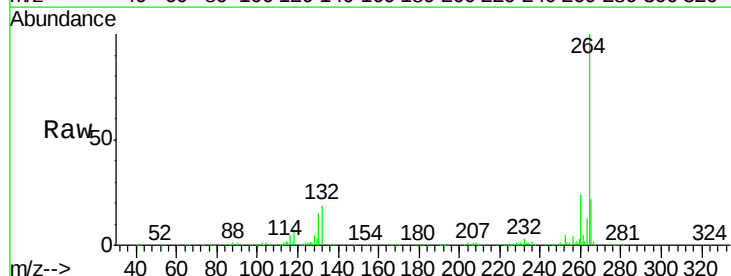


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

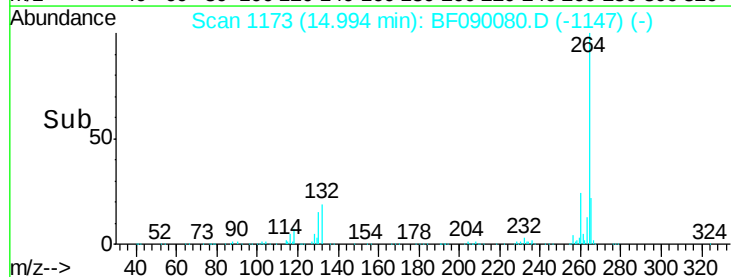
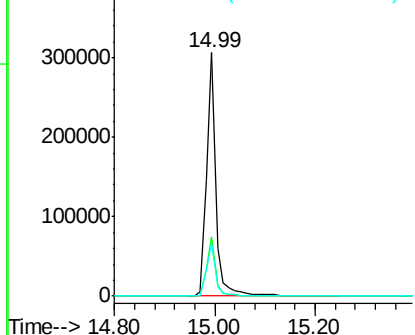


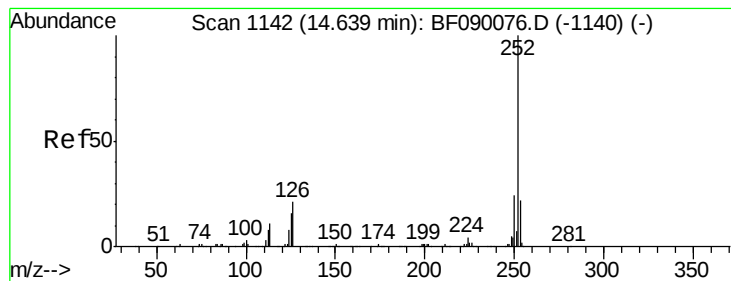
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.99 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: BF090080.D
 Acq: 15 Sep 2016 5:30

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	21.5	17.0	25.4



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 77.86 ng

RT: 14.67 min Scan# 1145

Delta R.T. 0.03 min

Lab File: BF090080.D

Acq: 15 Sep 2016 5:30

Instrument :

BNA_F

ClientSampleId :

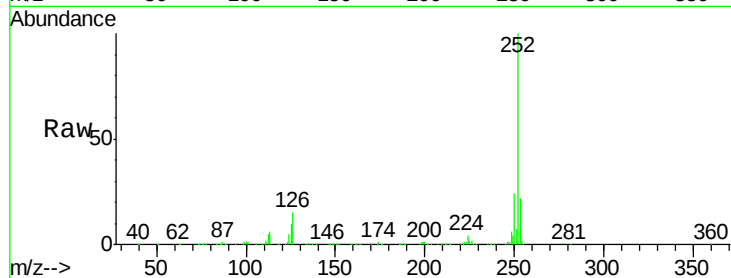
Tgt Ion:252 Resp: 1804219

Ion Ratio Lower Upper

252 100

253 22.4 17.9 26.9

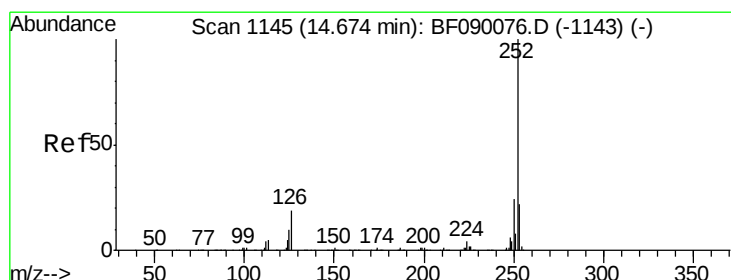
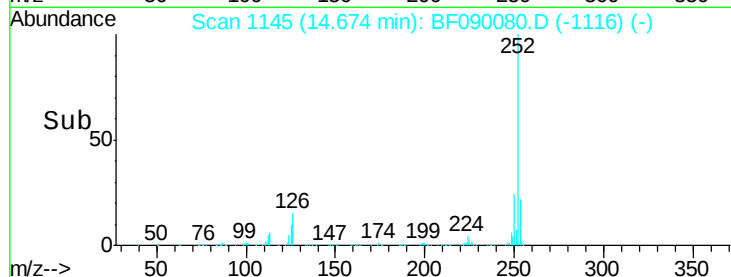
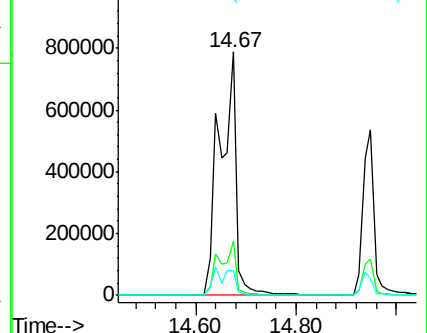
125 9.9 12.7 19.1#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 86.53 ng

RT: 14.67 min Scan# 1145

Delta R.T. 0.00 min

Lab File: BF090080.D

Acq: 15 Sep 2016 5:30

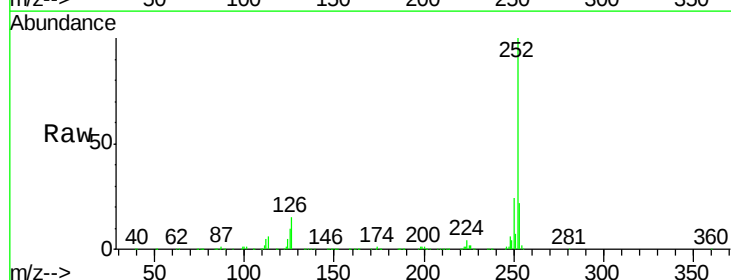
Tgt Ion:252 Resp: 1805245

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.8

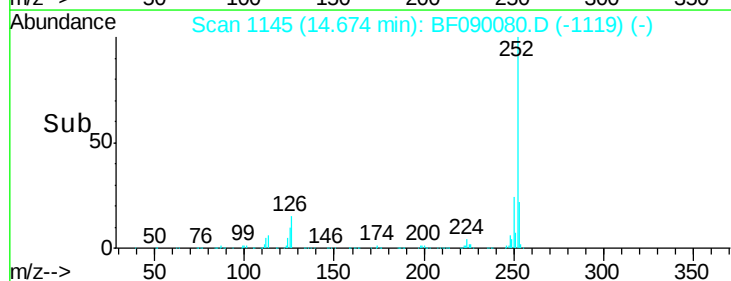
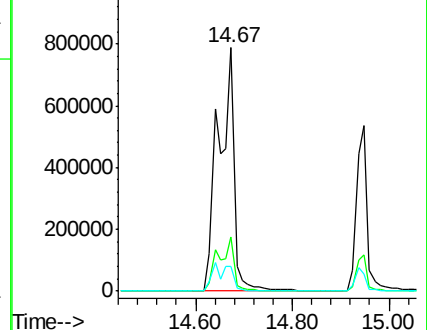
125 9.9 7.8 11.6

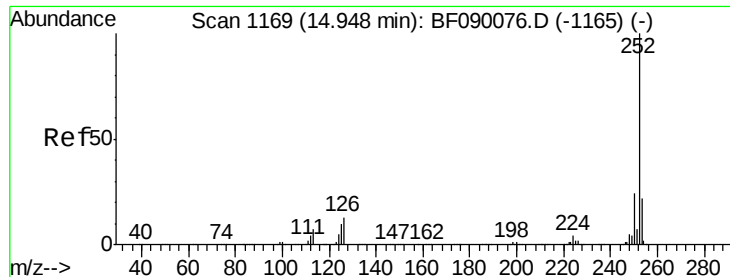


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 40.19 ng

RT: 14.95 min Scan# 1169

Delta R.T. 0.00 min

Lab File: BF090080.D

Acq: 15 Sep 2016 5:30

Instrument :

BNA_F

ClientSampleId :

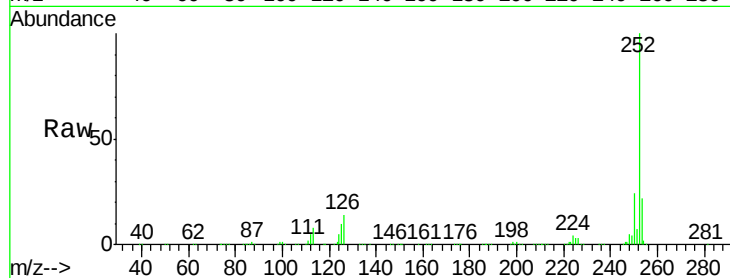
Tgt Ion:252 Resp: 835245

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

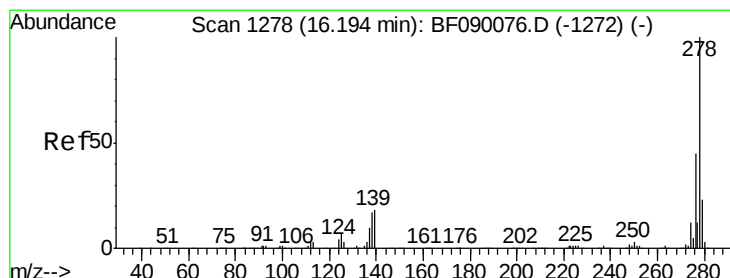
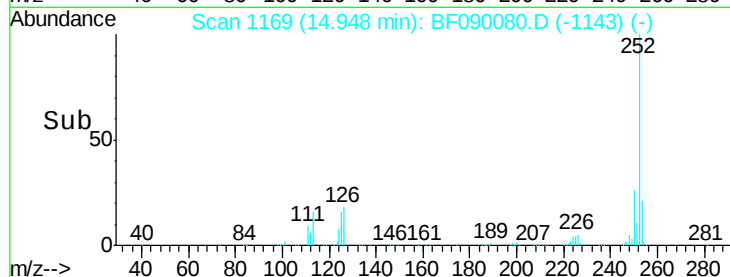
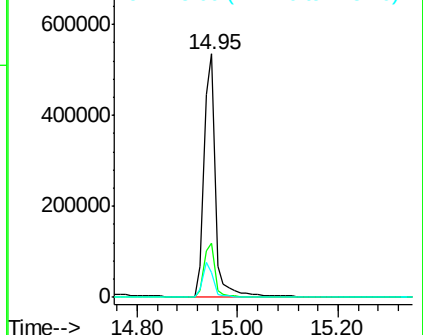
125 10.2 7.7 11.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 37.92 ng

RT: 16.19 min Scan# 1278

Delta R.T. 0.00 min

Lab File: BF090080.D

Acq: 15 Sep 2016 5:30

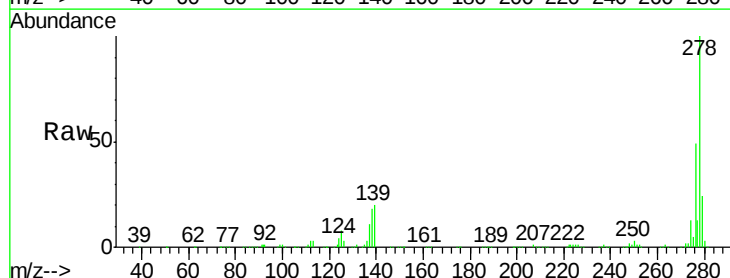
Tgt Ion:278 Resp: 617129

Ion Ratio Lower Upper

278 100

139 19.6 14.6 21.8

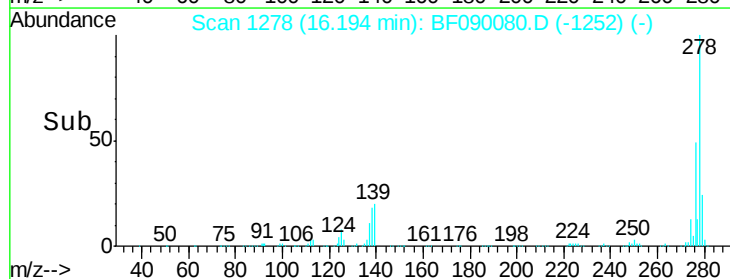
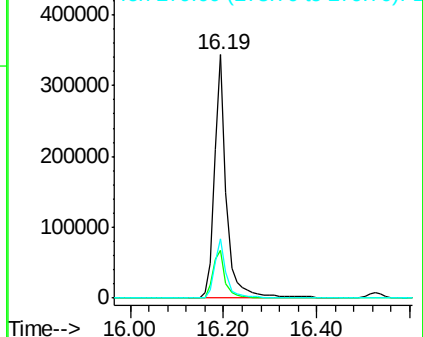
279 24.1 18.8 28.2

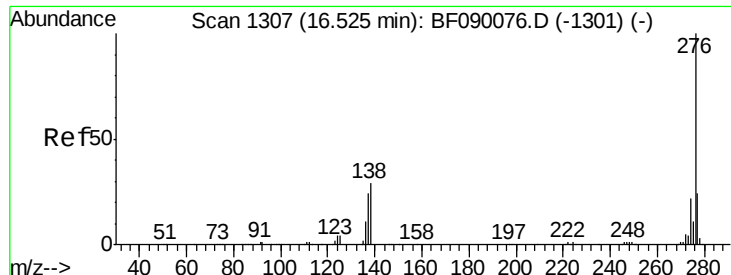


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 37.97 ng

RT: 16.53 min Scan# 1307

Delta R.T. 0.00 min

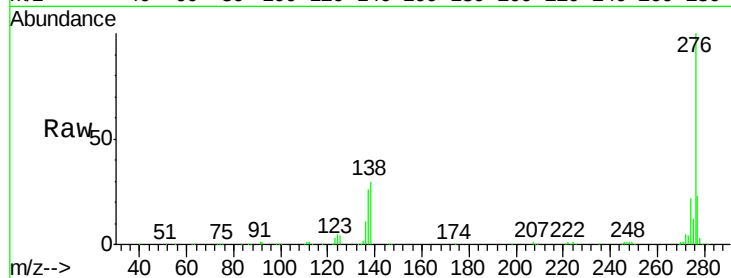
Lab File: BF090080.D

Acq: 15 Sep 2016 5:30

Instrument :

BNA_F

ClientSampleId :



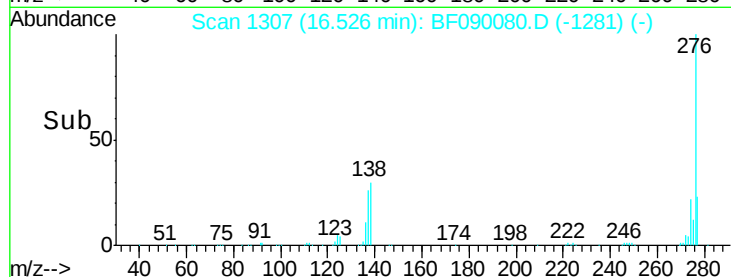
Tgt Ion: 276 Resp: 589747

Ion Ratio Lower Upper

276 100

277 23.5 18.9 28.3

138 29.8 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

