

Data Path : Z:\HPCHEM1\BNA F\DATA\BF091616\
 Data File : BF090113.D
 Acq On : 16 Sep 2016 18:28
 Operator : UM/SJ
 Sample : H4813-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1-6-7MSD

Quant Time: Sep 16 23:13:44 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 11:18:43 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	167706	20.00	ng	-0.01
21) Naphthalene-d8	7.83	136	664347	20.00	ng	-0.01
38) Acenaphthene-d10	9.58	164	363152	20.00	ng	-0.01
63) Phenanthrene-d10	11.04	188	521127	20.00	ng	-0.01
75) Chrysene-d12	13.66	240	377951	20.00	ng	-0.01
86) Perylene-d12	14.98	264	353223	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	1248822	119.76	ng	0.00
7) Phenol-d6	6.20	99	1662786	121.80	ng	0.00
23) Nitrobenzene-d5	7.12	82	1066024	90.22	ng	-0.01
41) 2,4,6-Tribromophenol	10.36	330	375351	102.90	ng	-0.01
44) 2-Fluorobiphenyl	8.91	172	1511472	65.36	ng	-0.01
78) Terphenyl-d14	12.63	244	1374914	86.39	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.01	88	189813	34.86	ng	100
3) Pyridine	2.62	79	510493	37.22	ng	100
4) n-Nitrosodimethylamine	2.58	42	186800	42.68	ng	98
6) Aniline	6.20	93	538507	31.78	ng	# 91
8) 2-Chlorophenol	6.33	128	526961	43.86	ng	84
9) Benzaldehyde	6.08	77	48439	6.66	ng	99
10) Phenol	6.22	94	737941	48.16	ng	# 71
11) bis(2-Chloroethyl)ether	6.30	93	545576	44.40	ng	89
12) 1,3-Dichlorobenzene	6.48	146	519636	42.05	ng	99
13) 1,4-Dichlorobenzene	6.56	146	531158	41.63	ng	99
14) 1,2-Dichlorobenzene	6.71	146	437016m	37.70	ng	
15) Benzyl Alcohol	6.71	79	367090	47.75	ng	# 86
16) 2,2'-oxybis(1-Chloropropan	6.84	45	643192	44.17	ng	97
17) 2-Methylphenol	6.82	107	435517	44.32	ng	98
18) Hexachloroethane	7.05	117	186845	40.36	ng	99
19) n-Nitroso-di-n-propylamine	6.98	70	358628	42.27	ng	98
20) 3+4-Methylphenols	6.98	107	533721	44.74	ng	96
22) Acetophenone	6.97	105	693040	43.09	ng	99
24) Nitrobenzene	7.13	77	506262	40.67	ng	99
25) Isophorone	7.38	82	1078848	43.61	ng	100
26) 2-Nitrophenol	7.45	139	275301	45.62	ng	99
27) 2,4-Dimethylphenol	7.51	122	445663	41.97	ng	97
28) bis(2-Chloroethoxy)methane	7.60	93	633726	43.67	ng	100
29) 2,4-Dichlorophenol	7.70	162	448390	47.81	ng	96
30) 1,2,4-Trichlorobenzene	7.78	180	419111	45.29	ng	# 95
31) Naphthalene	7.85	128	1394047	42.69	ng	100
32) Benzoic acid	7.61	122	68816	9.08	ng	96
33) 4-Chloroaniline	7.91	127	362205	26.06	ng	99
34) Hexachlorobutadiene	7.98	225	200161	42.24	ng	98
35) Caprolactam	8.30	113	160817m	51.34	ng	
36) 4-Chloro-3-methylphenol	8.41	107	479789	44.06	ng	96
37) 2-Methylnaphthalene	8.55	142	982693	48.52	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.71	216	282099	30.21	ng	99
40) Hexachlorocyclopentadiene	8.71	237	357113	73.59	ng	96

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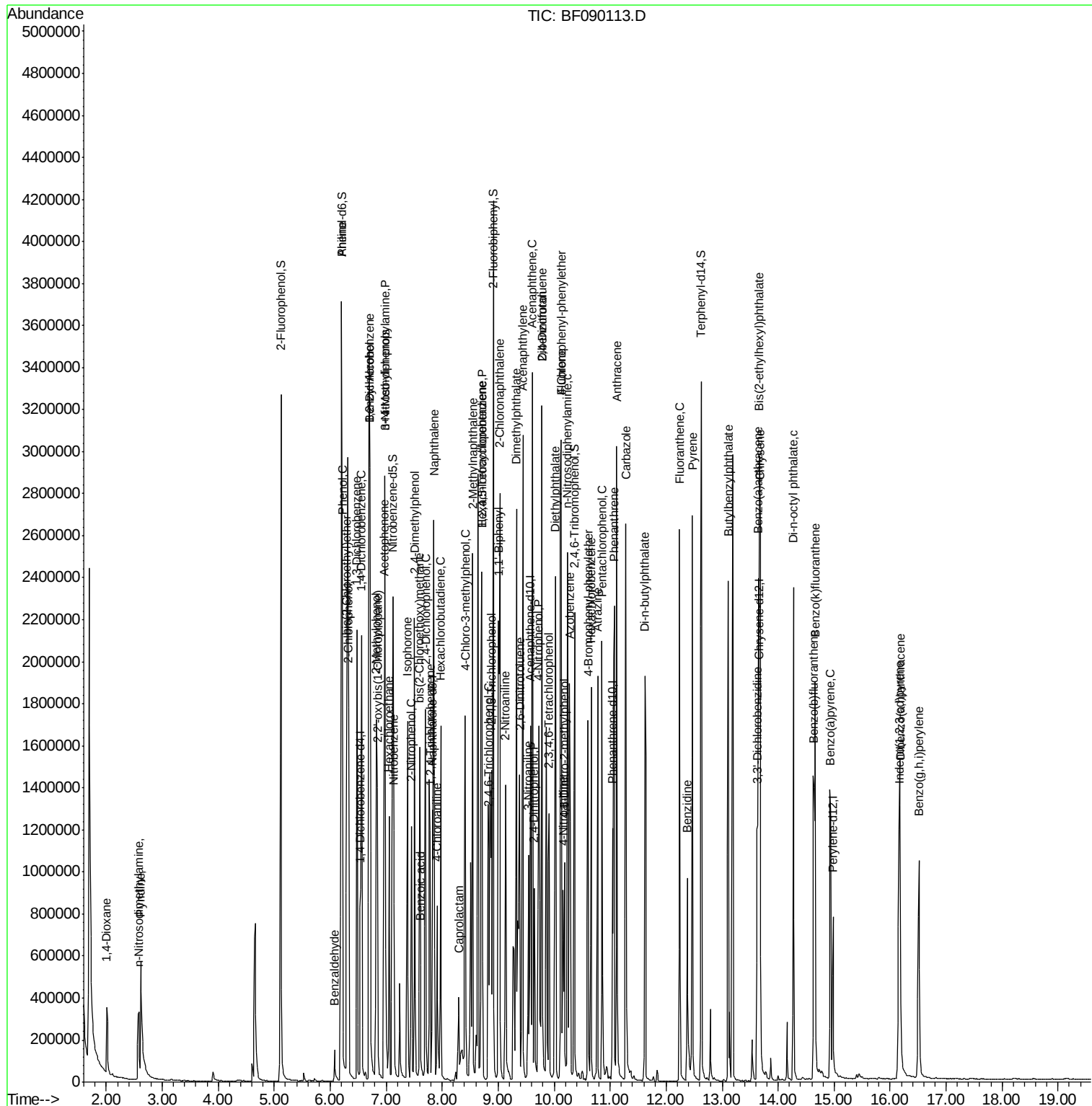
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.83	196	262944	38.85	nq	97
43) 2,4,5-Trichlorophenol	8.88	196	309323	42.49	nq	99
45) 1,1'-Biphenyl	9.00	154	973203	32.75	nq	99
46) 2-Chloronaphthalene	9.03	162	808470	36.72	nq	98
47) 2-Nitroaniline	9.13	65	279912	39.82	nq	88
48) Acenaphthylene	9.44	152	1342984	36.32	nq	100
49) Dimethylphthalate	9.32	163	1316573	48.81	nq	98
50) 2,6-Dinitrotoluene	9.38	165	262332	43.52	nq	# 70
51) Acenaphthene	9.61	154	791392	38.32	nq	98
52) 3-Nitroaniline	9.54	138	223710	30.50	nq	97
53) 2,4-Dinitrophenol	9.64	184	145603	44.43	nq	# 82
54) Dibenzofuran	9.78	168	1106444	38.74	nq	95
55) 4-Nitrophenol	9.72	139	357999	69.37	nq	90
56) 2,4-Dinitrotoluene	9.78	165	273214	37.18	nq	# 79
57) Fluorene	10.12	166	863031	40.07	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.91	232	231801	41.75	nq	96
59) Diethylphthalate	10.02	149	1026747	39.32	nq	97
60) 4-Chlorophenyl-phenylether	10.12	204	352508	40.69	nq	# 80
61) 4-Nitroaniline	10.16	138	274794	37.02	nq	96
62) Azobenzene	10.27	77	1082792	39.51	nq	99
64) 4,6-Dinitro-2-methylphenol	10.18	198	138921	39.53	nq	80
65) n-Nitrosodiphenylamine	10.24	169	767012	46.45	nq	100
66) 4-Bromophenyl-phenylether	10.60	248	255224	50.81	nq	# 92
67) Hexachlorobenzene	10.66	284	265120	44.79	nq	97
68) Atrazine	10.78	200	226294	46.12	nq	98
69) Pentachlorophenol	10.86	266	261047	75.28	nq	98
70) Phenanthrene	11.07	178	1272757	50.54	nq	99
71) Anthracene	11.12	178	1194189	43.43	nq	99
72) Carbazole	11.28	167	1275159	45.21	nq	99
73) Di-n-butylphthalate	11.62	149	1527540	48.29	nq	100
74) Fluoranthene	12.24	202	1132944	42.94	nq	99
76) Benzidine	12.38	184	547866	35.54	nq	98
77) Pyrene	12.47	202	1265354	45.87	nq	100
79) Butylbenzylphthalate	13.11	149	656158	47.77	nq	92
80) Benzo(a)anthracene	13.65	228	1011584	45.85	nq	100
81) 3,3'-Dichlorobenzidine	13.62	252	324722	35.12	nq	98
82) Chrysene	13.68	228	754337	36.45	nq	100
83) Bis(2-ethylhexyl)phthalate	13.67	149	745531	43.88	nq	99
84) Di-n-octyl phthalate	14.27	149	1296188	42.68	nq	98
85) Indeno(1,2,3-cd)pyrene	16.16	276	950446	52.86	nq	100
87) Benzo(b)fluoranthene	14.64	252	1077878m	52.05	nq	
88) Benzo(k)fluoranthene	14.66	252	671550m	36.02	nq	
89) Benzo(a)pyrene	14.94	252	860017	46.31	nq	99
90) Dibenzo(a,h)anthracene	16.18	278	789137	54.26	nq	99
91) Benzo(g,h,i)perylene	16.51	276	804020	57.93	nq	100

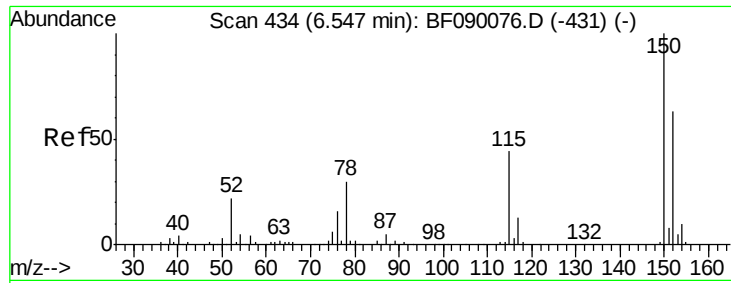
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.54 min Scan# 433

Delta R.T. -0.01 min

Lab File: BF090113.D

Acq: 16 Sep 2016 18:28

Instrument :

BNA_F

ClientSampleId :

SB-1-6-7MSD

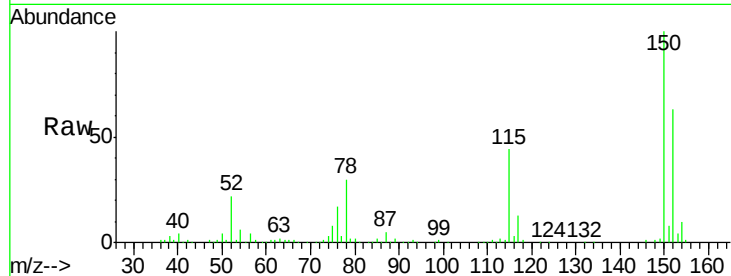
Tot Ion:152 Resp: 167706

Ion Ratio Lower Upper

152 100

150 158.7 128.9 193.3

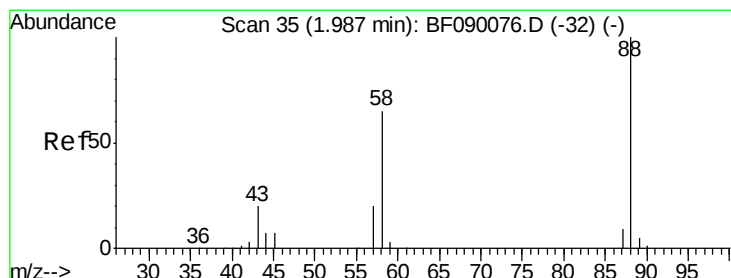
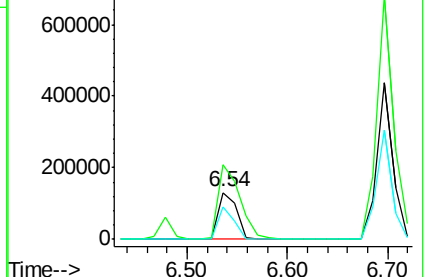
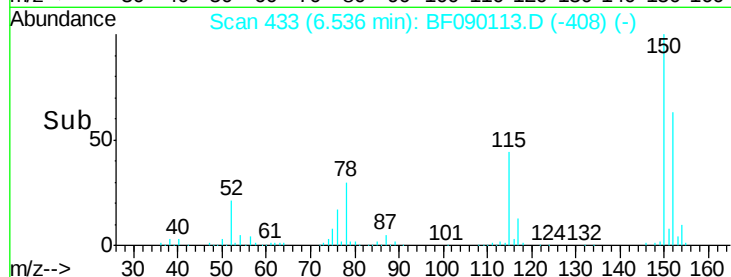
115 69.4 55.5 83.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 34.86 ng

RT: 2.01 min Scan# 37

Delta R.T. 0.02 min

Lab File: BF090113.D

Acq: 16 Sep 2016 18:28

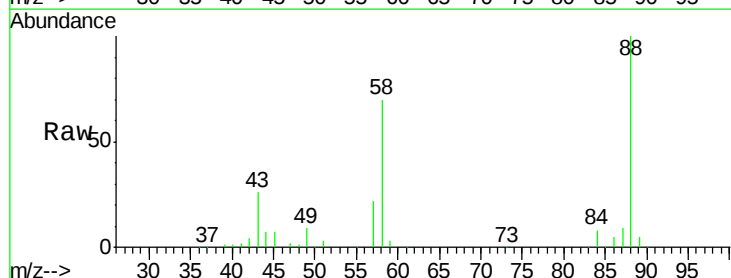
Tgt Ion: 88 Resp: 189813

Ion Ratio Lower Upper

88 100

58 66.9 53.4 80.0

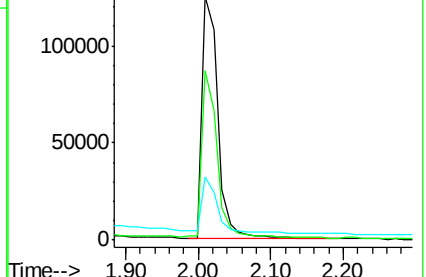
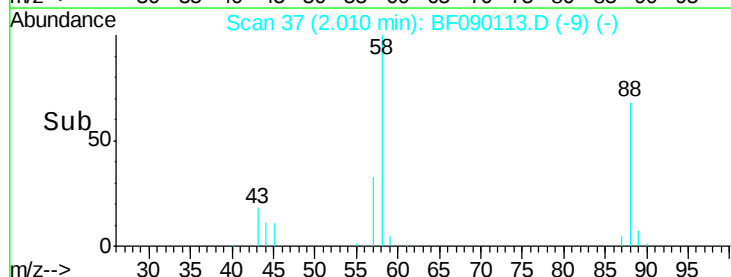
43 21.2 16.5 24.7

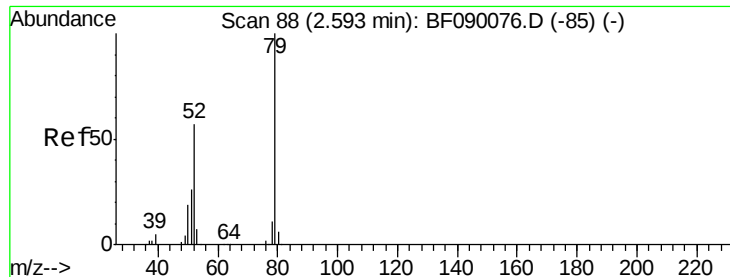


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 37.22 ng

RT: 2.62 min Scan# 90

Delta R.T. 0.02 min

Lab File: BF090113.D

Acq: 16 Sep 2016 18:28

Instrument :

BNA_F

ClientSampleId :

SB-1-6-7MSD

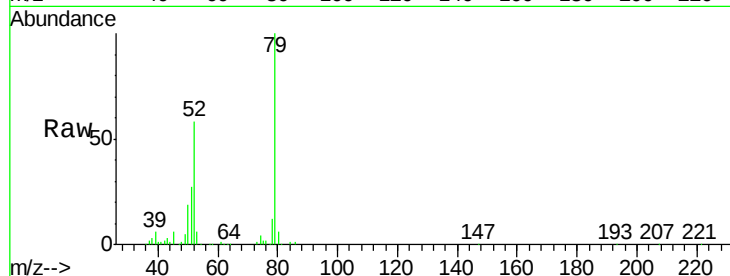
Tot Ion: 79 Resp: 510493

Ion Ratio Lower Upper

79 100

52 57.6 45.9 68.9

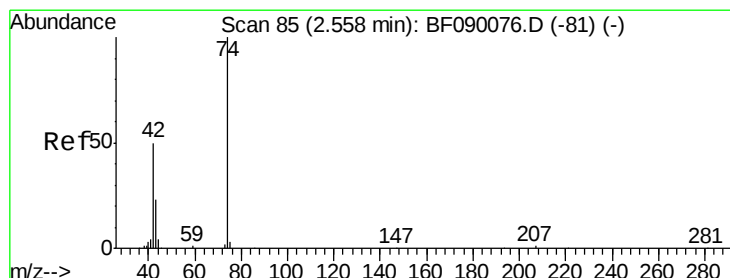
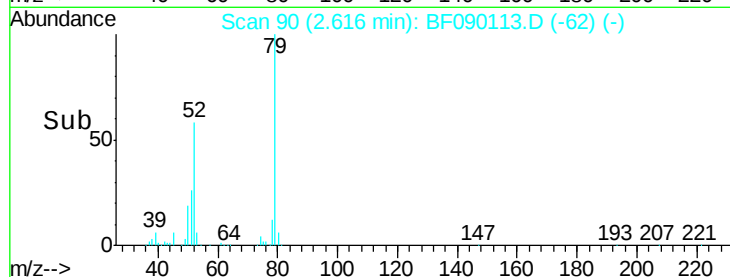
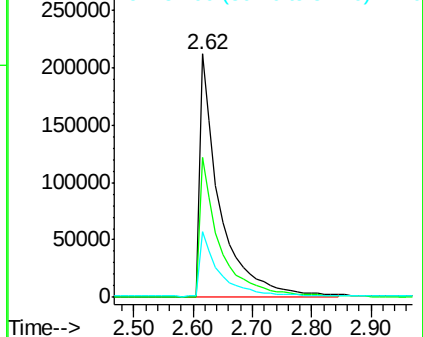
51 26.9 21.3 31.9



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 42.68 ng

RT: 2.58 min Scan# 87

Delta R.T. 0.02 min

Lab File: BF090113.D

Acq: 16 Sep 2016 18:28

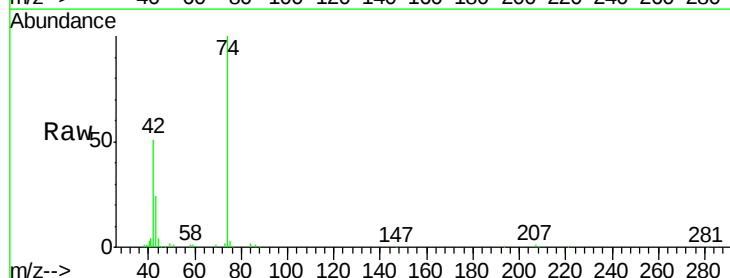
Tgt Ion: 42 Resp: 186800

Ion Ratio Lower Upper

42 100

74 194.7 158.7 238.1

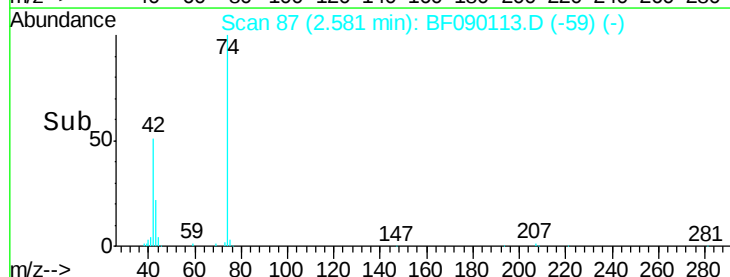
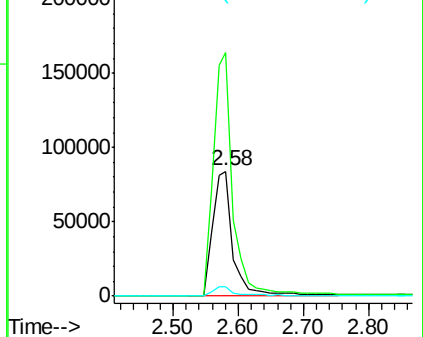
44 7.5 6.4 9.6

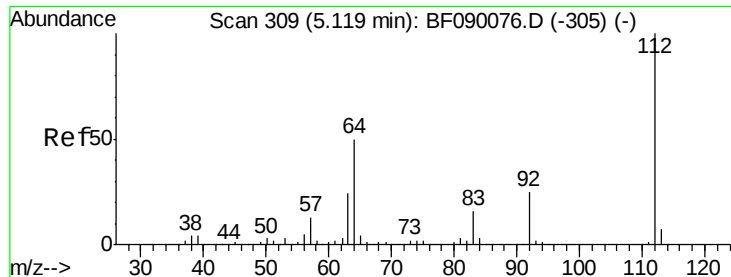


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0

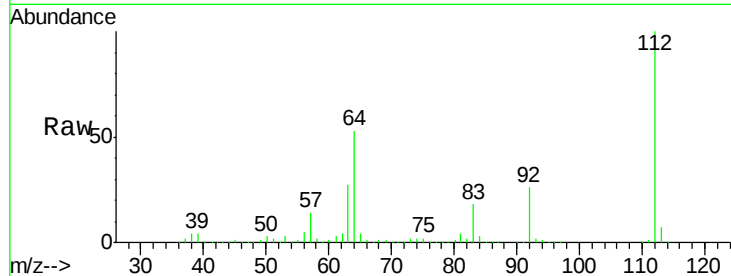




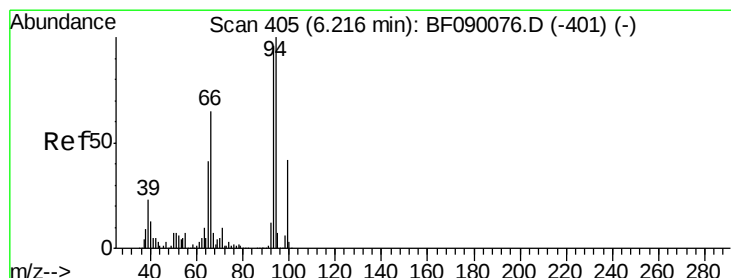
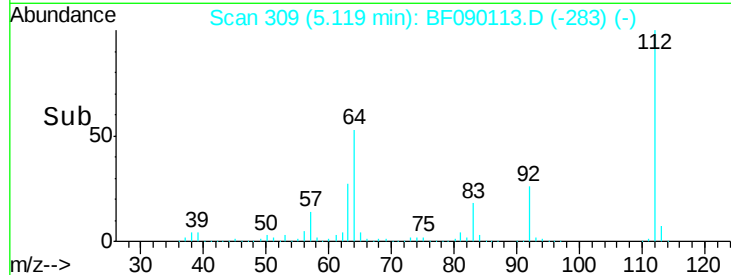
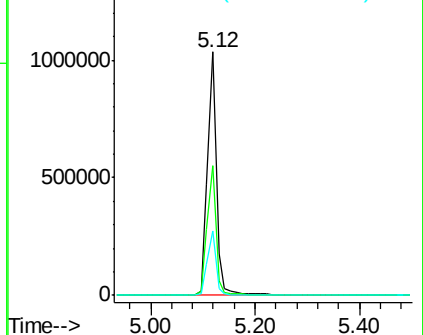
#5
 2-Fluorophenol
 Concen: 119.76 ng
 RT: 5.12 min Scan# 309
 Delta R.T. 0.00 min
 Lab File: BF090113.D
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Tot Ion:112 Resp: 1248822
 Ion Ratio Lower Upper
 112 100
 64 53.3 39.8 59.6
 63 26.5 18.9 28.3

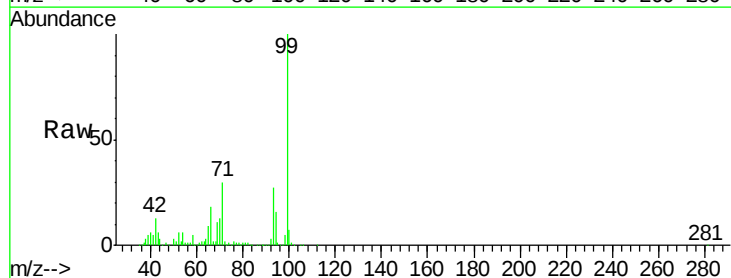


Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0

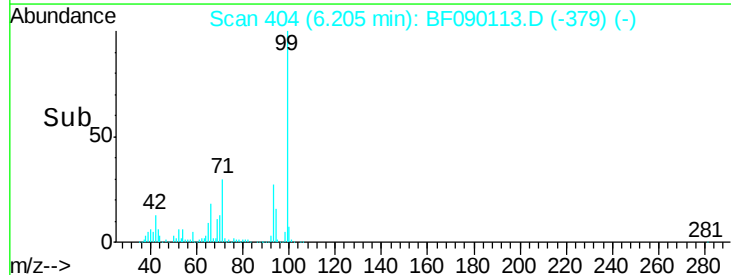
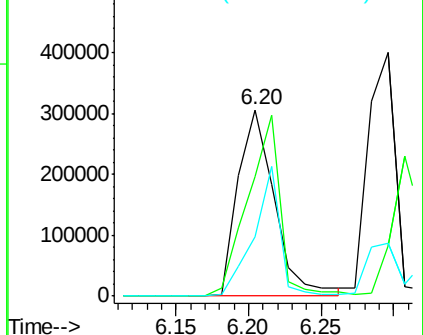


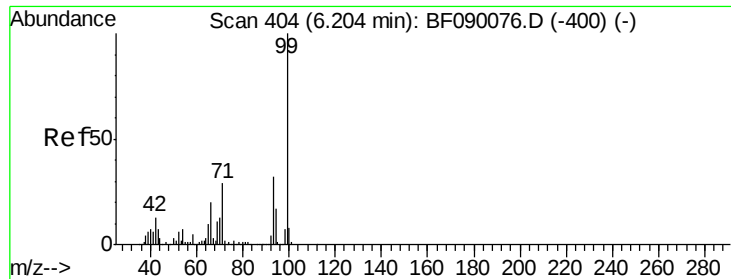
#6
 Aniline
 Concen: 31.78 ng
 RT: 6.20 min Scan# 404
 Delta R.T. -0.01 min
 Lab File: BF090113.D
 Acq: 16 Sep 2016 18:28

Tgt Ion: 93 Resp: 538507
 Ion Ratio Lower Upper
 93 100
 66 64.3 54.2 81.2
 65 31.5 33.8 50.6#



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 66.00 (65.70 to 66.70): BF0
 Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 121.80 ng

RT: 6.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF090113.D

Acq: 16 Sep 2016 18:28

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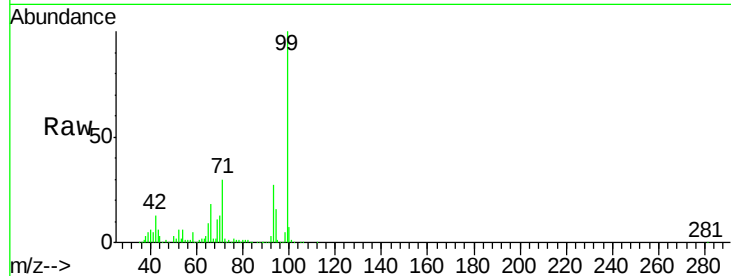
Tot Ion: 99 Resp: 1662786

Ion Ratio Lower Upper

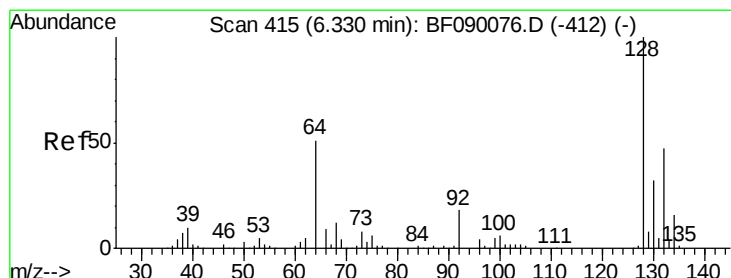
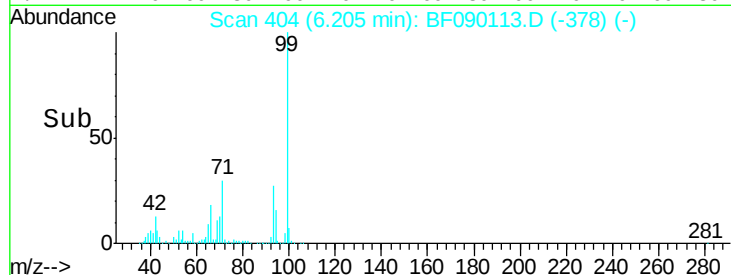
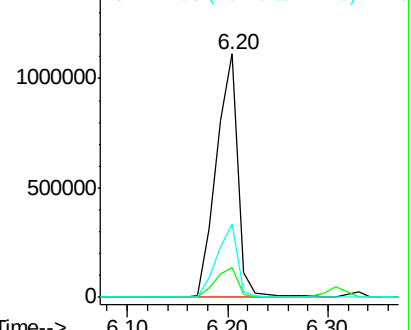
99 100

42 12.5 10.6 15.8

71 29.9 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: 43.86 ng

RT: 6.33 min Scan# 415

Delta R.T. 0.00 min

Lab File: BF090113.D

Acq: 16 Sep 2016 18:28

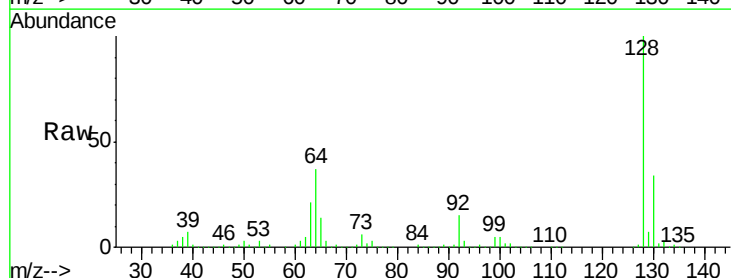
Tgt Ion: 128 Resp: 526961

Ion Ratio Lower Upper

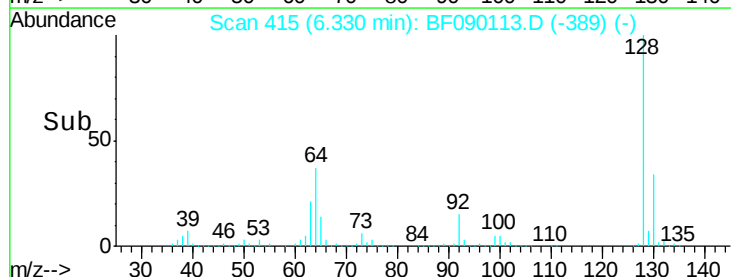
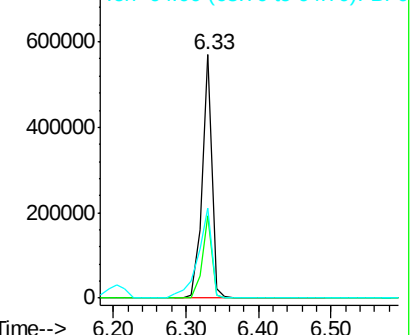
128 100

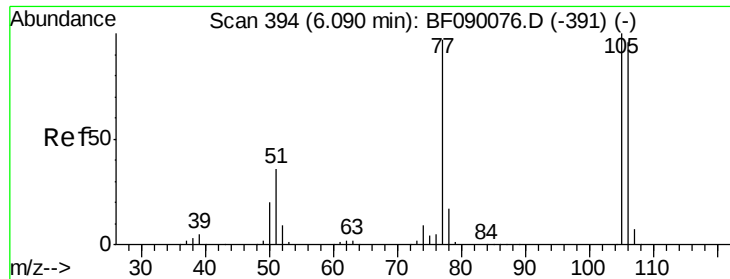
130 33.7 12.0 52.0

64 37.1 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

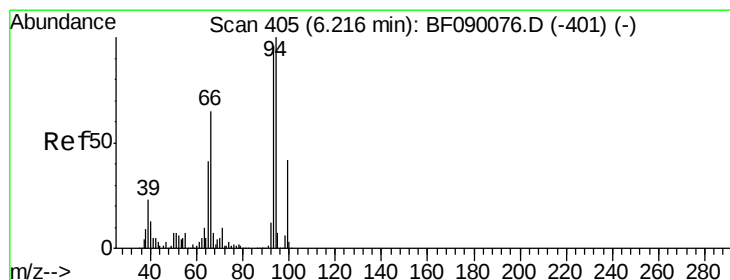
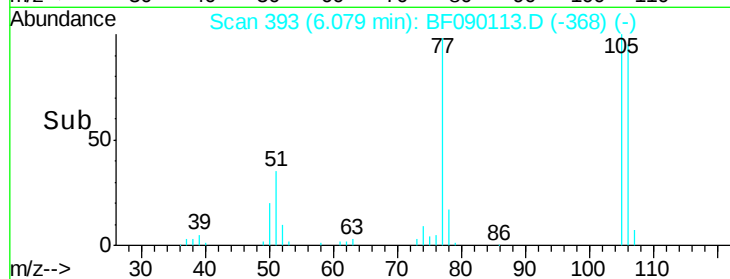
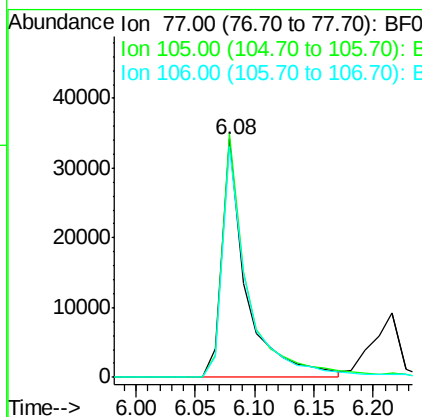
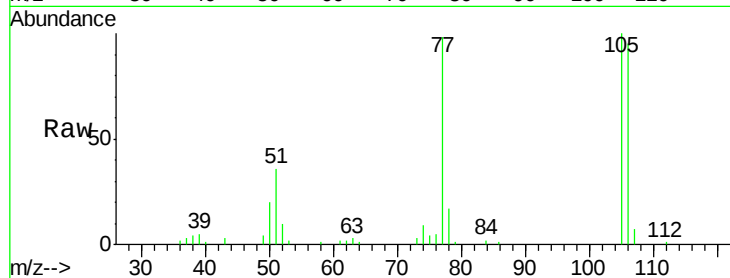




#9
Benzaldehyde
Concen: 6.66 ng
RT: 6.08 min Scan# 393
Delta R.T. -0.01 min
Lab File: BF090113.D
Acq: 16 Sep 2016 18:28

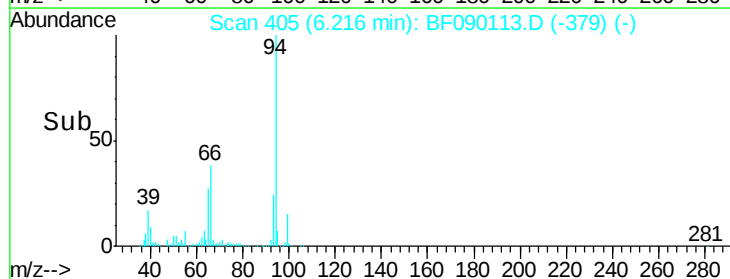
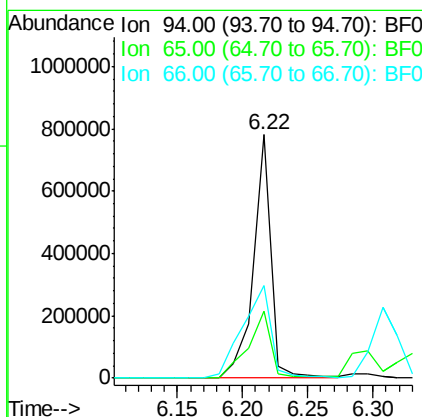
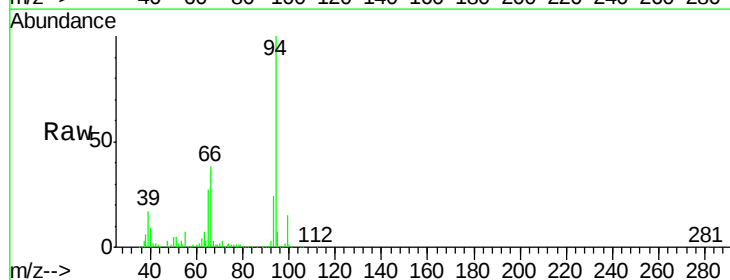
Instrument :
BNA_F
ClientSampleId :
SB-1-6-7MSD

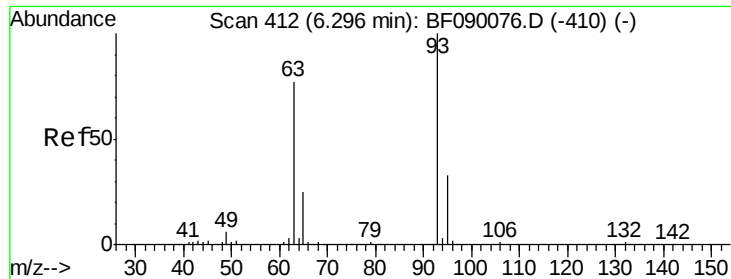
Tot Ion: 77 Resp: 48439
Ion Ratio Lower Upper
77 100
105 102.2 83.0 123.0
106 96.9 78.5 118.5



#10
Phenol
Concen: 48.16 ng
RT: 6.22 min Scan# 405
Delta R.T. 0.00 min
Lab File: BF090113.D
Acq: 16 Sep 2016 18:28

Tgt Ion: 94 Resp: 737941
Ion Ratio Lower Upper
94 100
65 27.3 20.6 60.6
66 38.0 45.1 85.1#

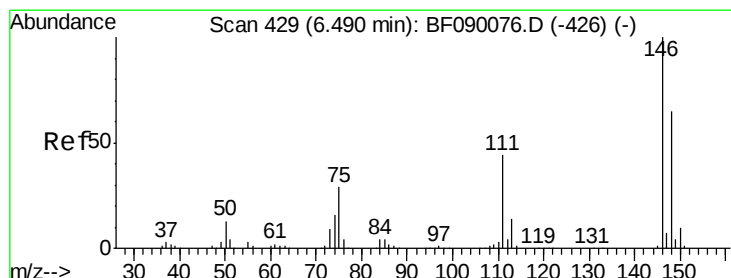
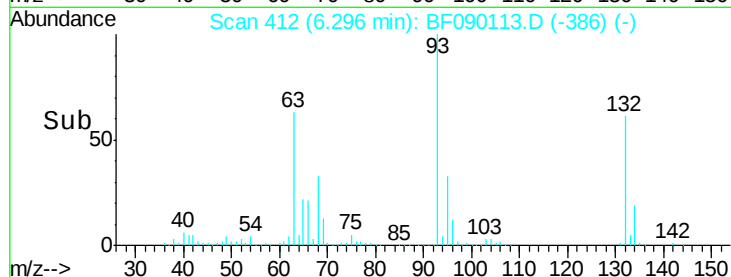
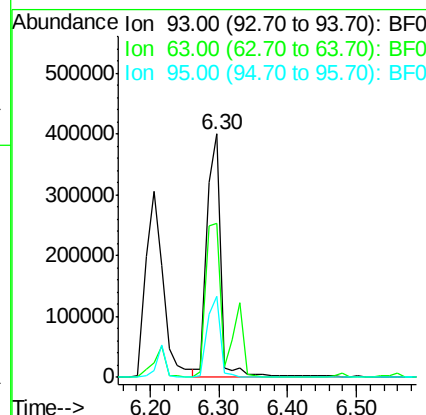
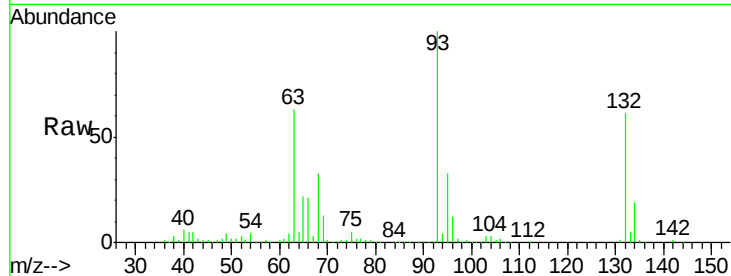




#11
 bis(2-Chloroethyl)ether
 Concen: 44.40 ng
 RT: 6.30 min Scan# 412
 Delta R.T. 0.00 min
 Lab File: BF090113.D
 Acq: 16 Sep 2016 18:28

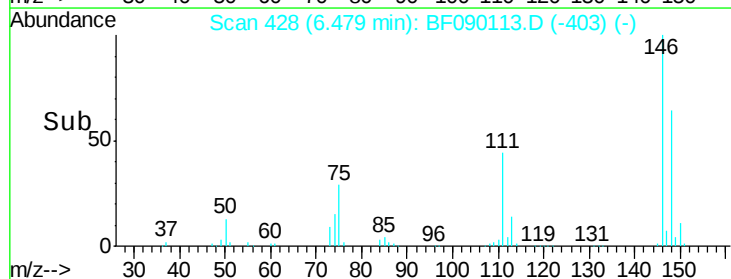
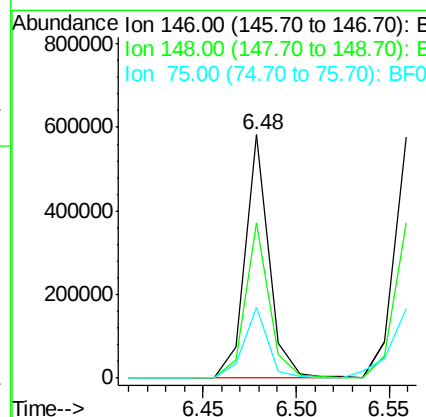
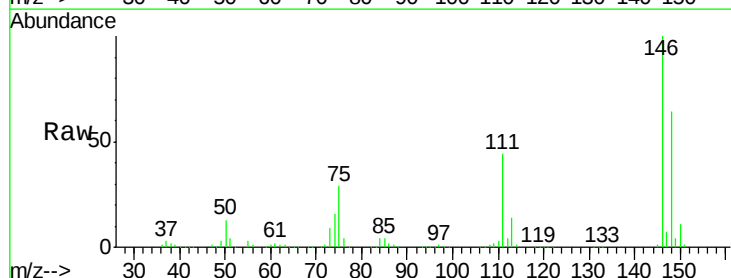
Instrument :
 BNA_F
 ClientSampleId :
 SB-1-6-7MSD

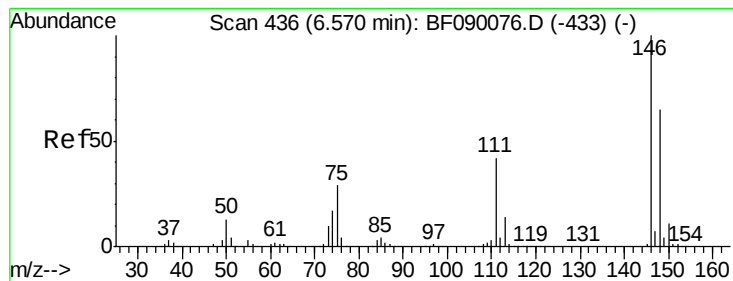
Tot Ion: 93 Resp: 545576
 Ion Ratio Lower Upper
 93 100
 63 63.0 55.6 95.6
 95 33.4 12.6 52.6



#12
 1,3-Dichlorobenzene
 Concen: 42.05 ng
 RT: 6.48 min Scan# 428
 Delta R.T. -0.01 min
 Lab File: BF090113.D
 Acq: 16 Sep 2016 18:28

Tgt Ion: 146 Resp: 519636
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.9 77.9
 75 28.9 22.8 34.2





#13

1,4-Dichlorobenzene

Concen: 41.63 ng

RT: 6.56 min Scan# 435

Delta R.T. -0.01 min

Lab File: BF090113.D

Acq: 16 Sep 2016 18:28

Instrument :

BNA_F

ClientSampleId :

SB-1-6-7MSD

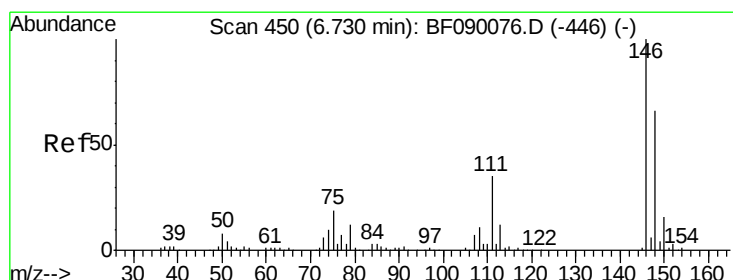
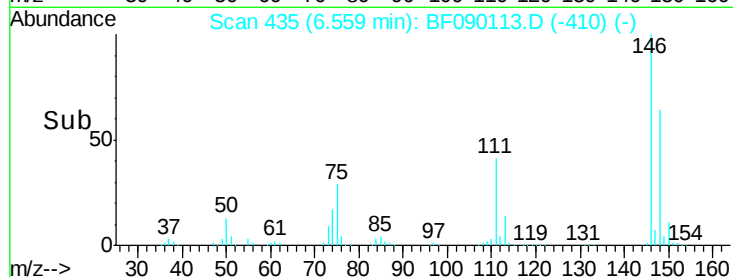
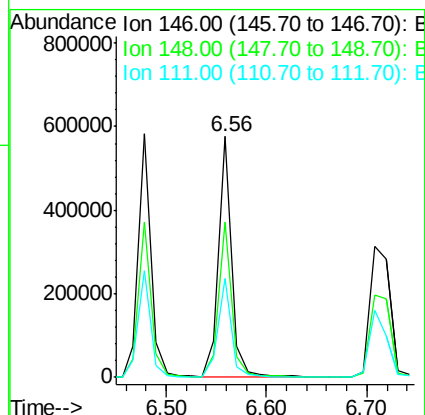
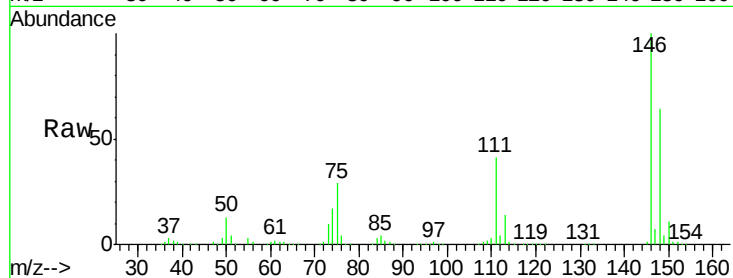
Tot Ion:146 Resp: 531158

Ion Ratio Lower Upper

146 100

148 64.3 52.0 78.0

111 41.2 33.8 50.6



#14

1,2-Dichlorobenzene

Concen: 37.70 ng m

RT: 6.71 min Scan# 448

Delta R.T. -0.02 min

Lab File: BF090113.D

Acq: 16 Sep 2016 18:28

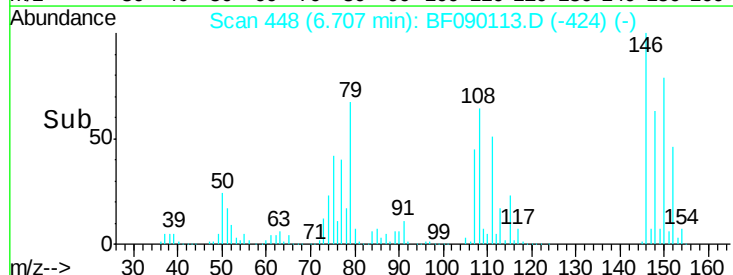
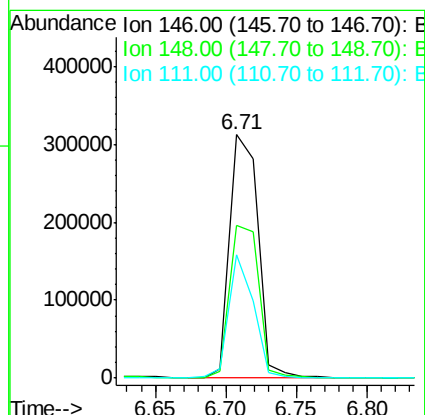
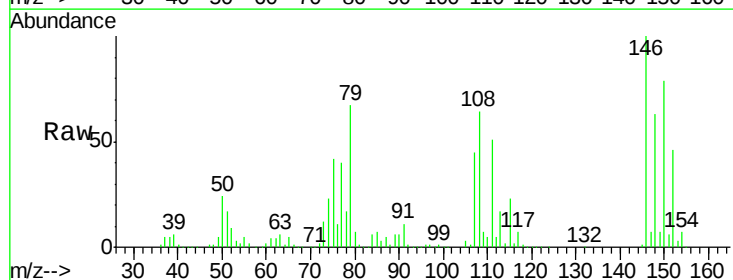
Tgt Ion:146 Resp: 437016

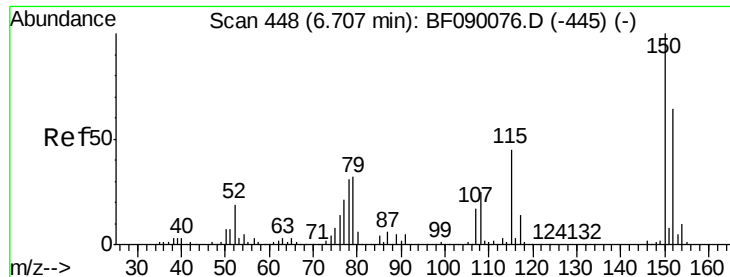
Ion Ratio Lower Upper

146 100

148 62.7 52.6 79.0

111 50.8 28.2 42.2#

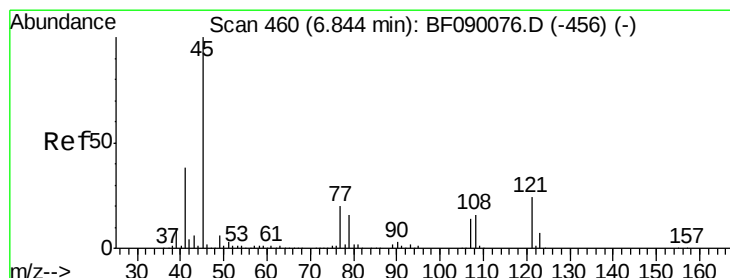
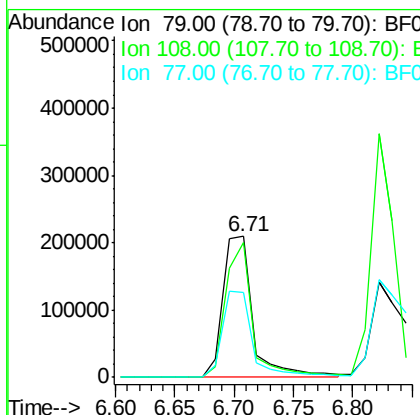
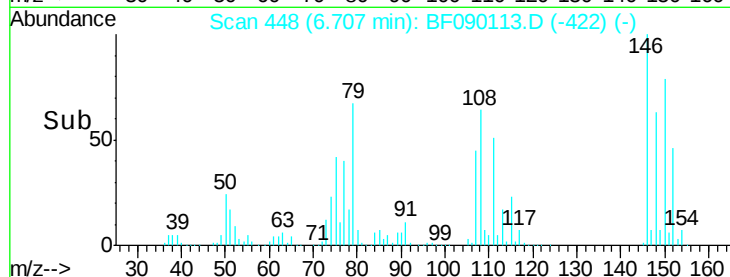
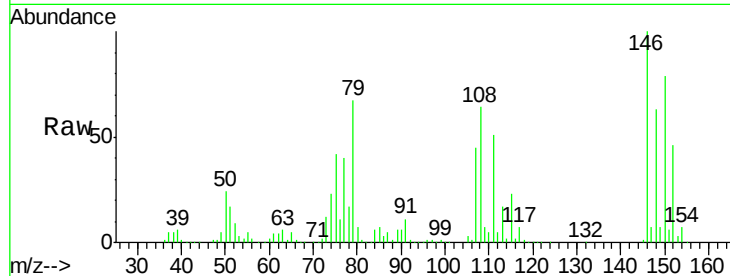




#15
Benzyl Alcohol
Concen: 47.75 ng
RT: 6.71 min Scan# 448
Delta R.T. 0.00 min
Lab File: BF090113.D
Acq: 16 Sep 2016 18:28

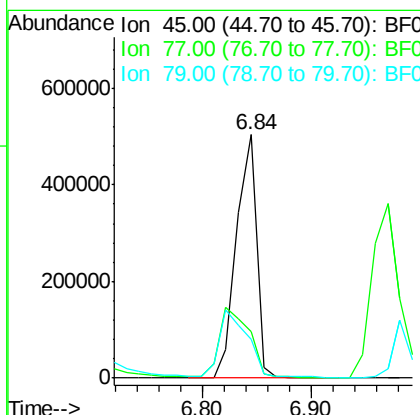
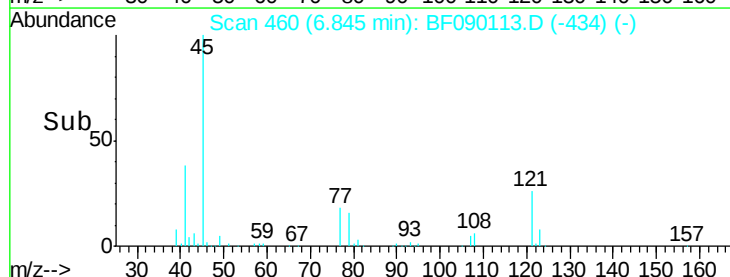
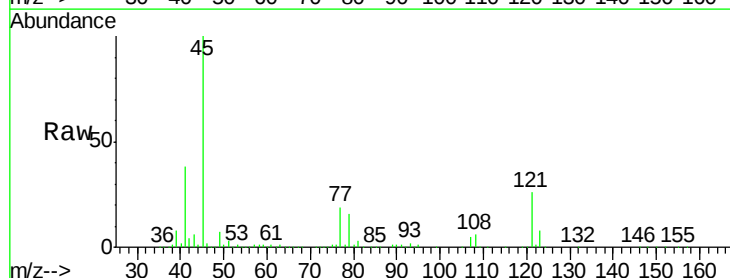
Instrument :
BNA_F
ClientSampleId :
SB-1-6-7MSD

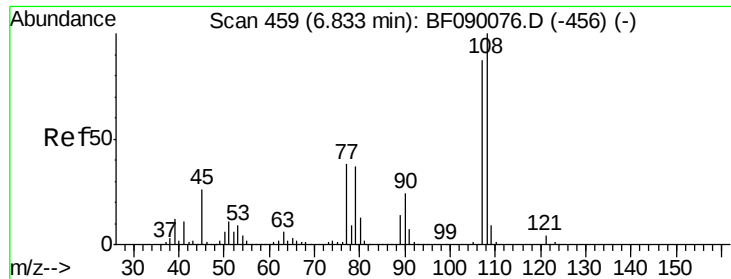
Tot Ion: 79 Resp: 367090
Ion Ratio Lower Upper
79 100
108 95.2 62.2 93.4#
77 59.8 51.4 77.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.17 ng
RT: 6.84 min Scan# 460
Delta R.T. 0.00 min
Lab File: BF090113.D
Acq: 16 Sep 2016 18:28

Tgt Ion: 45 Resp: 643192
Ion Ratio Lower Upper
45 100
77 18.9 0.5 40.5
79 15.9 0.0 37.0

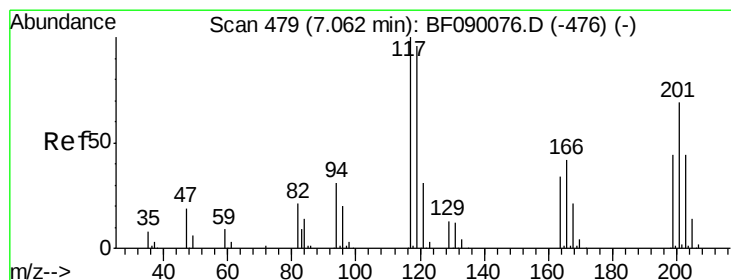
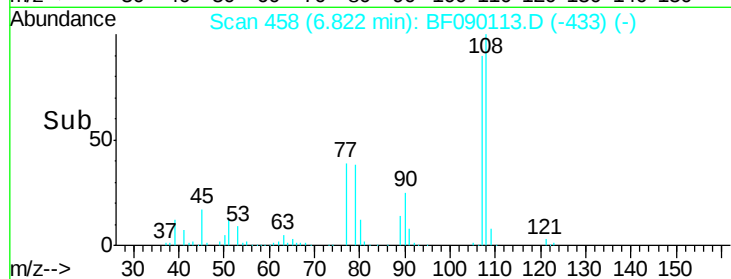
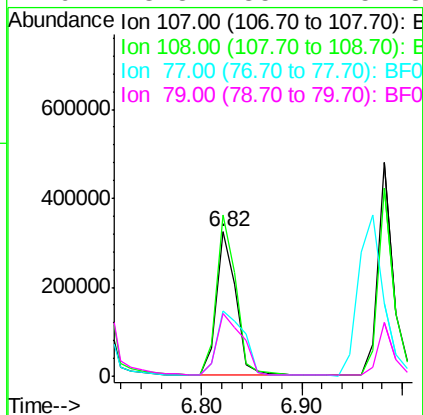
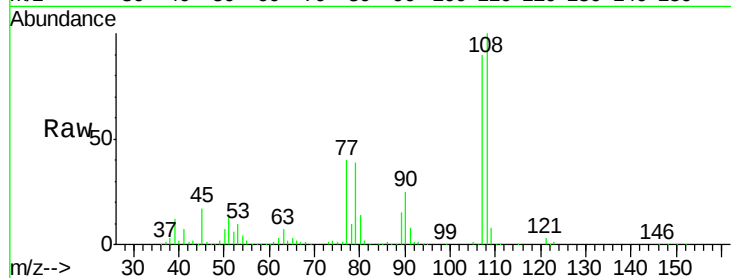




#17
2-Methylphenol
Concen: 44.32 ng
RT: 6.82 min Scan# 458
Delta R.T. -0.01 min
Lab File: BF090113.D
Acq: 16 Sep 2016 18:28

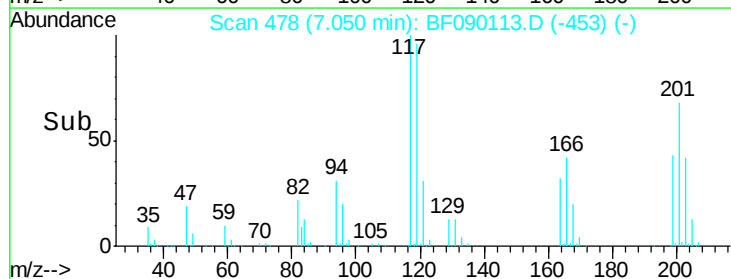
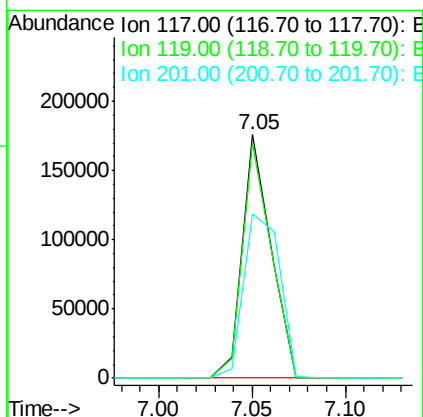
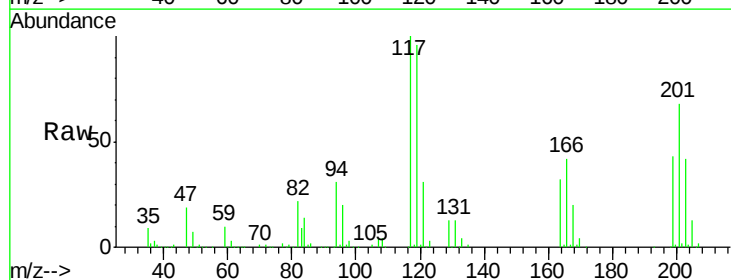
Instrument :
BNA_F
ClientSampleId :
SB-1-6-7MSD

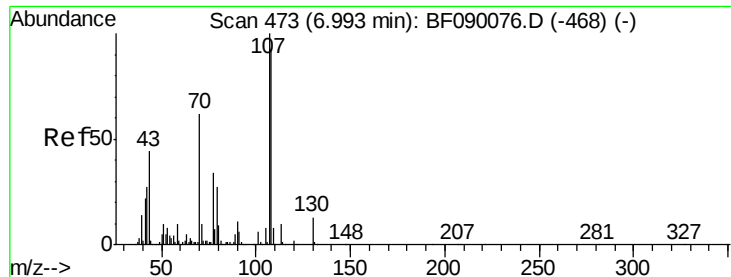
Tot Ion:	107	Resp:	435517
Ion	Ratio	Lower	Upper
107	100		
108	111.6	92.0	138.0
77	44.9	35.6	53.4
79	43.8	35.2	52.8



#18
Hexachloroethane
Concen: 40.36 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.01 min
Lab File: BF090113.D
Acq: 16 Sep 2016 18:28

Tgt Ion:	117	Resp:	186845
Ion	Ratio	Lower	Upper
117	100		
119	96.3	76.6	115.0
201	67.7	55.5	83.3

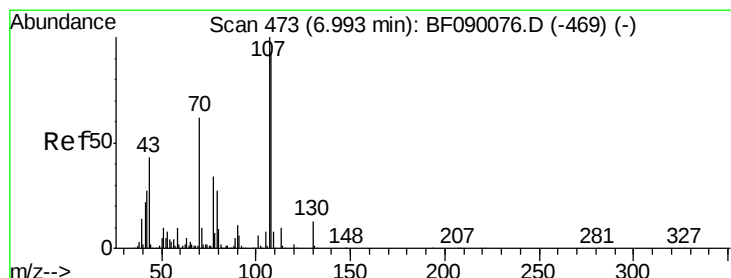
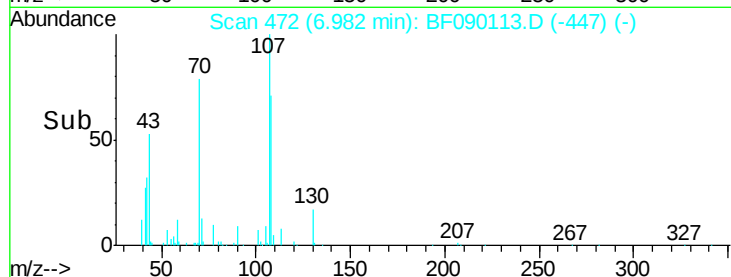
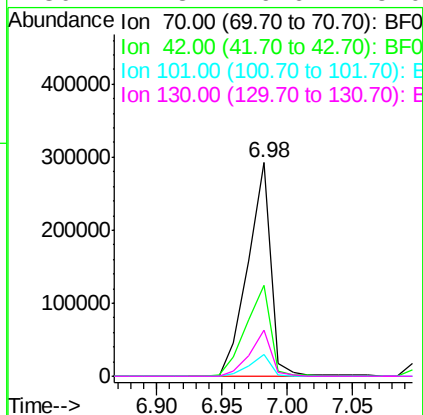
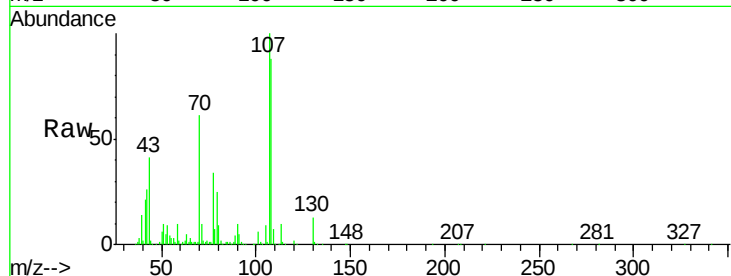




#19
n-Nitroso-di-n-propylamine
Concen: 42.27 ng
RT: 6.98 min Scan# 472
Delta R.T. -0.01 min
Lab File: BF090113.D
Acq: 16 Sep 2016 18:28

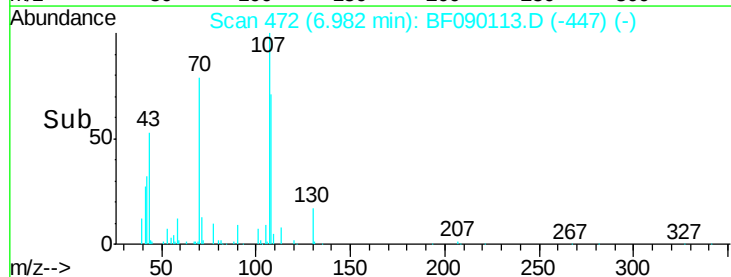
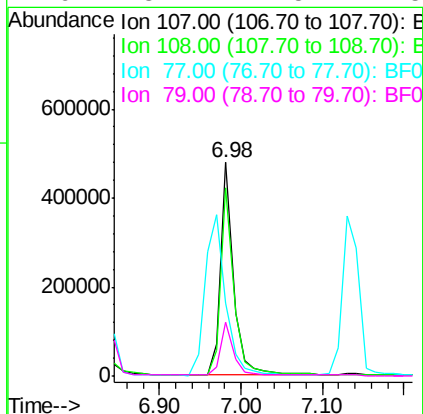
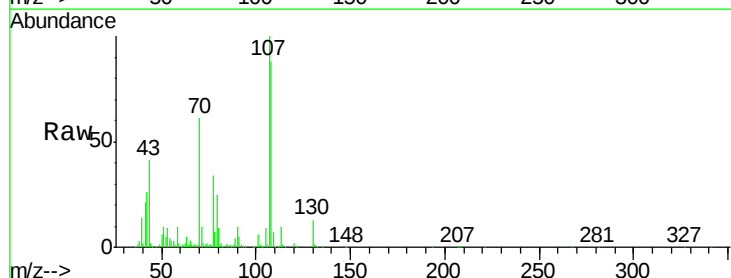
Instrument :
BNA_F
ClientSampleId :
SB-1-6-7MSD

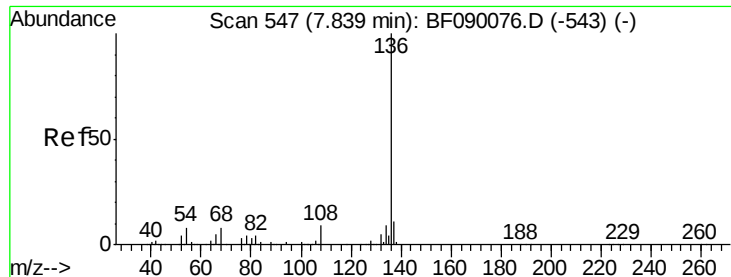
Tot Ion:	70	Resp:	358628
Ion	Ratio	Lower	Upper
70	100		
42	42.8	35.1	52.7
101	10.0	7.5	11.3
130	21.3	16.6	25.0



#20
3+4-Methylphenols
Concen: 44.74 ng
RT: 6.98 min Scan# 472
Delta R.T. -0.01 min
Lab File: BF090113.D
Acq: 16 Sep 2016 18:28

Tgt Ion:	107	Resp:	533721
Ion	Ratio	Lower	Upper
107	100		
108	88.1	73.3	113.3
77	34.2	14.1	54.1
79	25.2	7.5	47.5





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.83 min Scan# 546

Delta R.T. -0.01 min

Lab File: BF090113.D

Acq: 16 Sep 2016 18:28

Instrument :

BNA_F

ClientSampleId :

SB-1-6-7MSD

Tot Ion:136 Resp: 664347

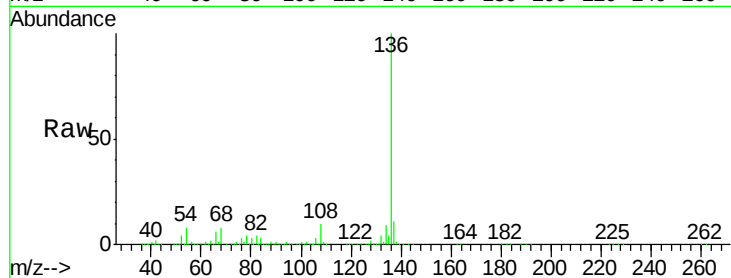
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.4

54 8.2 6.4 9.6

68 8.1 6.3 9.5

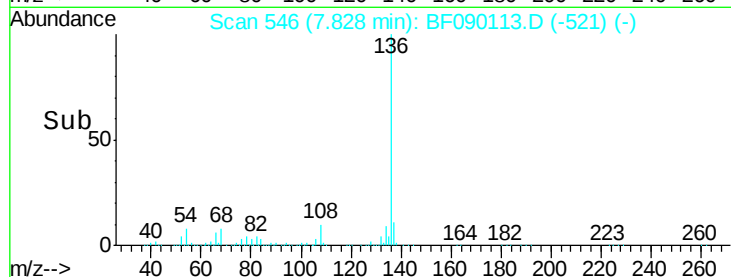


Abundance Ion 136.00 (135.70 to 136.70): E

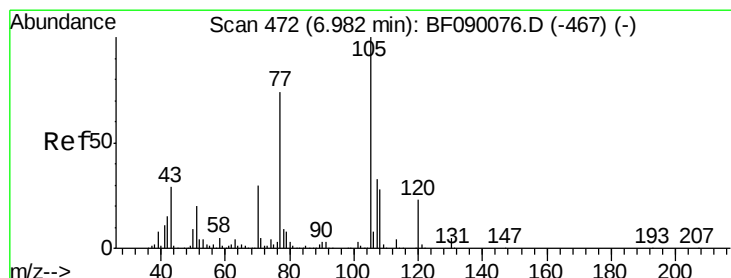
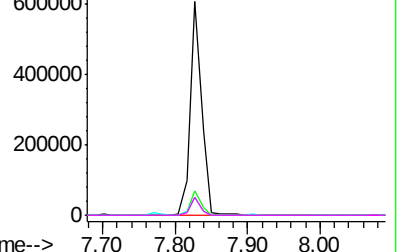
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 43.09 ng

RT: 6.97 min Scan# 471

Delta R.T. -0.01 min

Lab File: BF090113.D

Acq: 16 Sep 2016 18:28

Tgt Ion:105 Resp: 693040

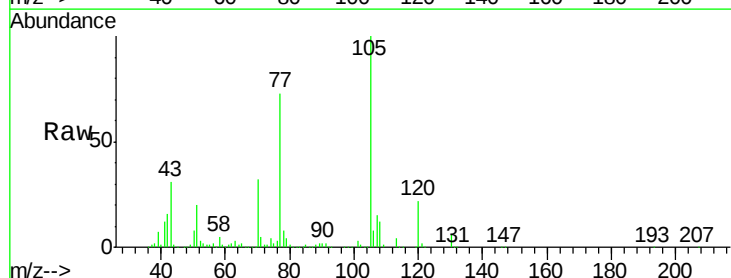
Ion Ratio Lower Upper

105 100

71 5.3 4.1 6.1

51 19.8 16.2 24.2

120 22.3 18.2 27.2

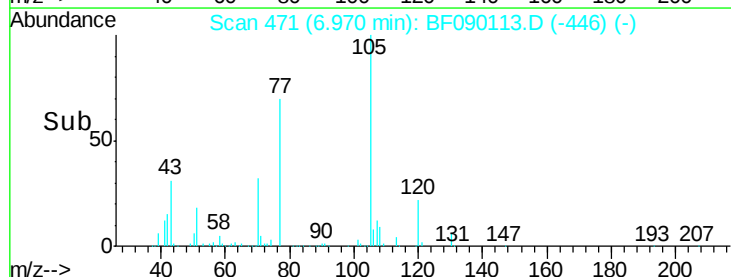


Abundance Ion 105.00 (104.70 to 105.70): E

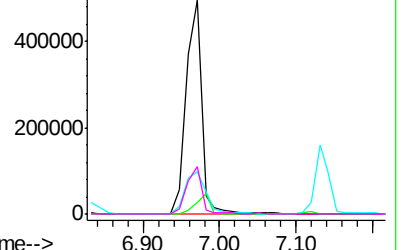
Ion 71.00 (70.70 to 71.70): BF0

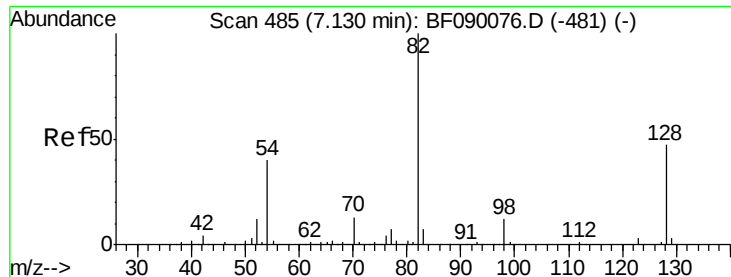
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

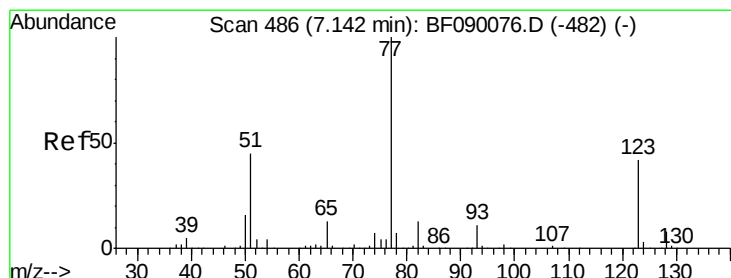
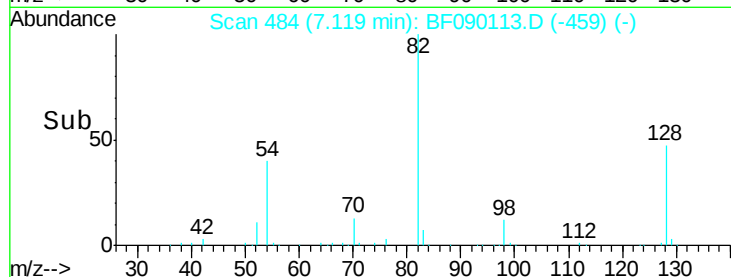
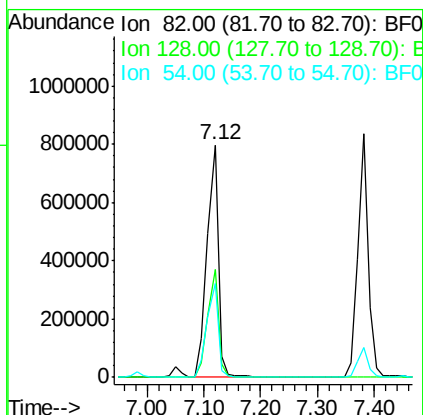
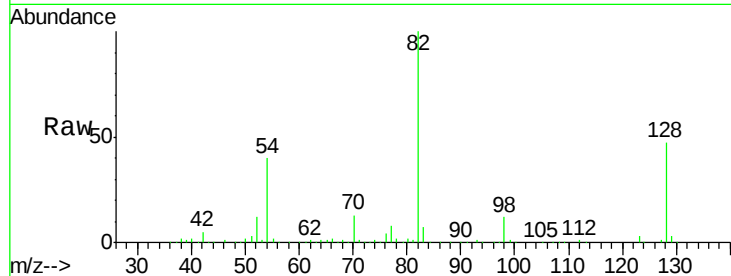




#23
Nitrobenzene-d5
Concen: 90.22 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.01 min
Lab File: BF090113.D
Acq: 16 Sep 2016 18:28

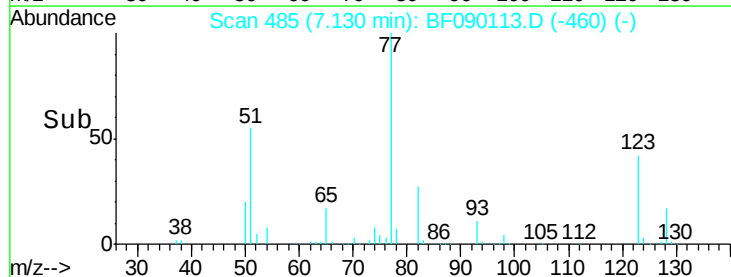
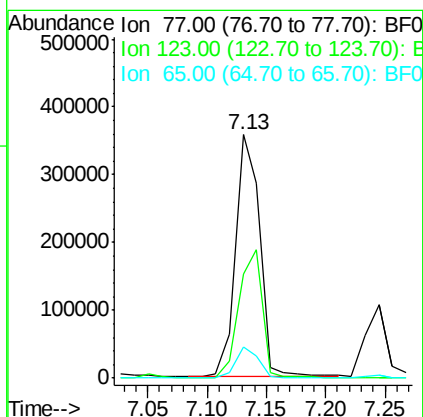
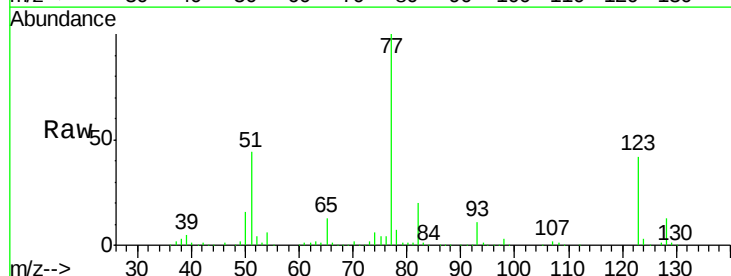
Instrument :
BNA_F
ClientSampleId :
SB-1-6-7MSD

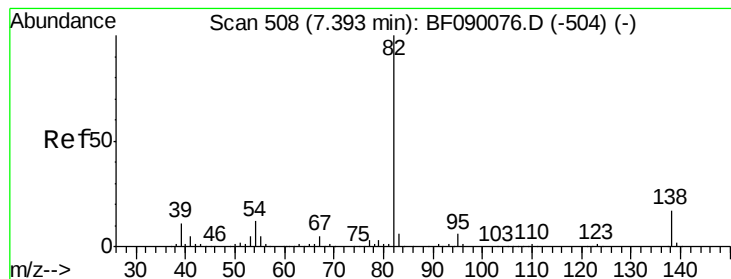
Tot Ion: 82 Resp: 1066024
Ion Ratio Lower Upper
82 100
128 46.6 37.5 56.3
54 40.4 31.9 47.9



#24
Nitrobenzene
Concen: 40.67 ng
RT: 7.13 min Scan# 485
Delta R.T. -0.01 min
Lab File: BF090113.D
Acq: 16 Sep 2016 18:28

Tgt Ion: 77 Resp: 506262
Ion Ratio Lower Upper
77 100
123 42.5 33.4 50.2
65 13.0 10.1 15.1





#25

Isophorone

Concen: 43.61 ng

RT: 7.38 min Scan# 507

Delta R.T. -0.01 min

Lab File: BF090113.D

Acq: 16 Sep 2016 18:28

Instrument :

BNA_F

ClientSampleId :

SB-1-6-7MSD

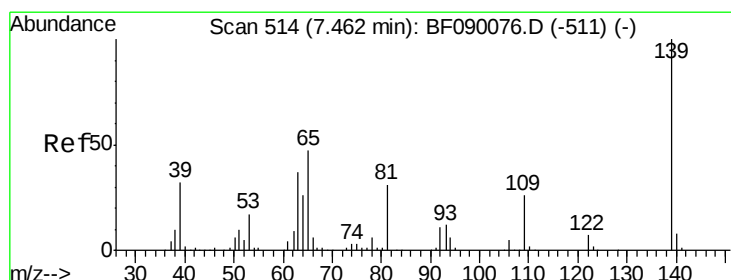
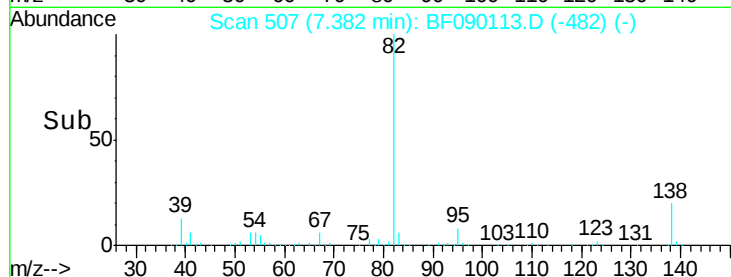
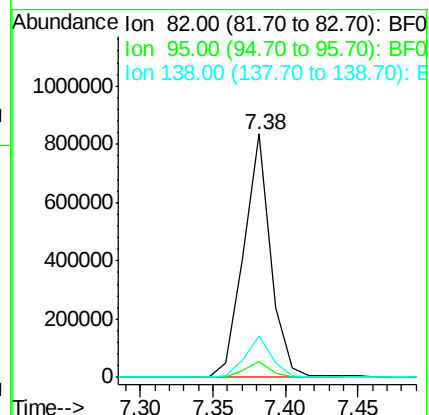
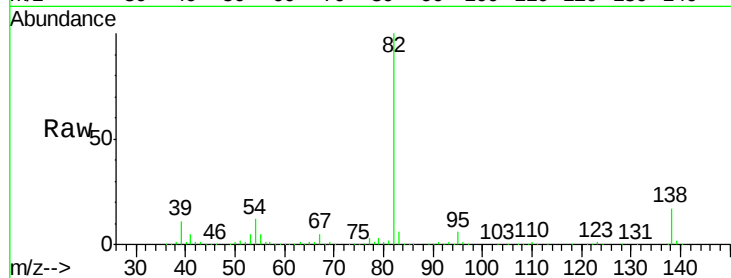
Tot Ion: 82 Resp: 1078848

Ion Ratio Lower Upper

82 100

95 6.3 5.1 7.7

138 17.0 13.5 20.3



#26

2-Nitrophenol

Concen: 45.62 ng

RT: 7.45 min Scan# 513

Delta R.T. -0.01 min

Lab File: BF090113.D

Acq: 16 Sep 2016 18:28

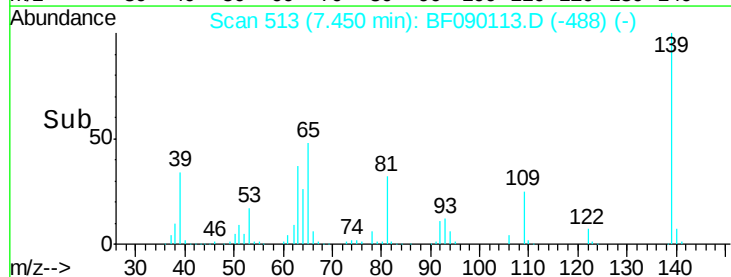
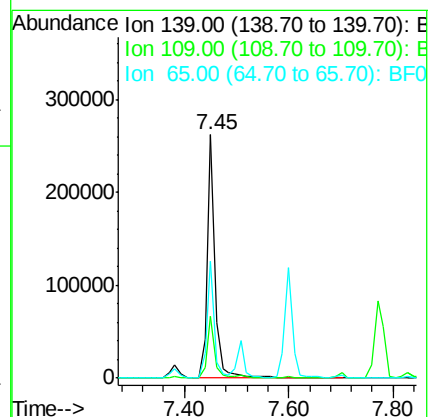
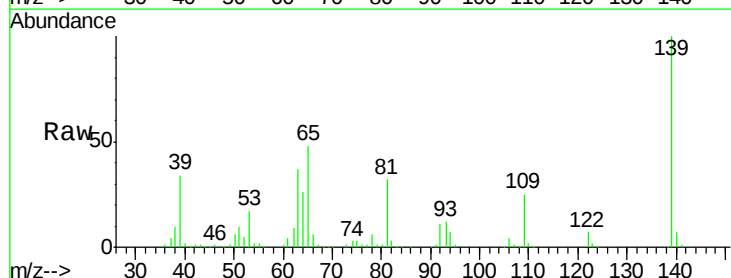
Tgt Ion: 139 Resp: 275301

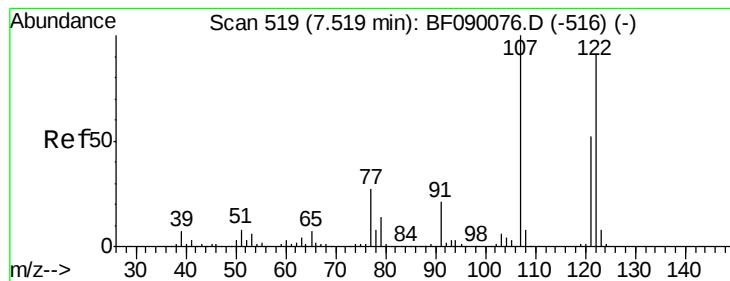
Ion Ratio Lower Upper

139 100

109 25.3 20.5 30.7

65 48.0 37.9 56.9





#27

2,4-Dimethylphenol

Concen: 41.97 ng

RT: 7.51 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF090113.D

Acq: 16 Sep 2016 18:28

Instrument :

BNA_F

ClientSampleId :

SB-1-6-7MSD

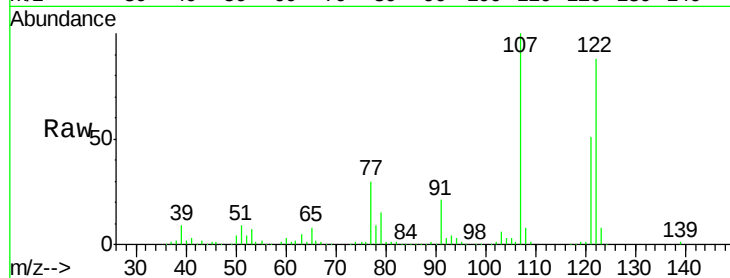
Tot Ion:122 Resp: 445663

Ion Ratio Lower Upper

122 100

107 113.3 87.8 131.6

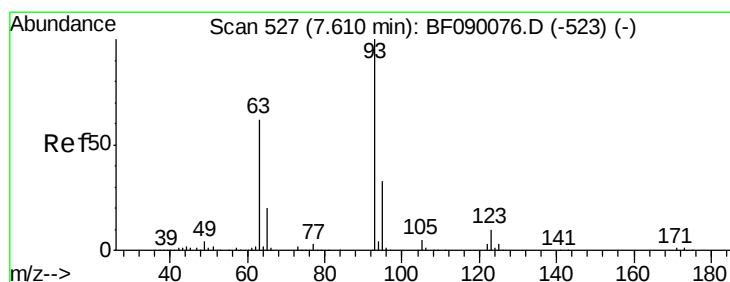
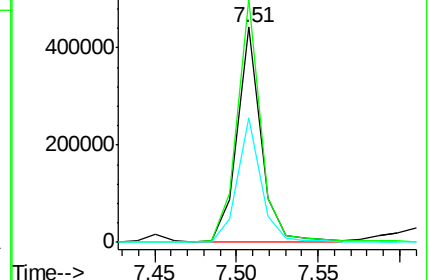
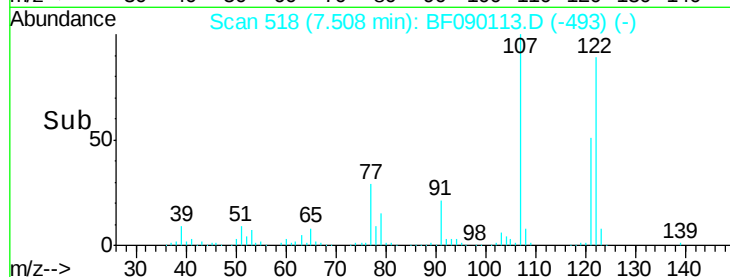
121 57.9 45.7 68.5



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: 43.67 ng

RT: 7.60 min Scan# 526

Delta R.T. -0.01 min

Lab File: BF090113.D

Acq: 16 Sep 2016 18:28

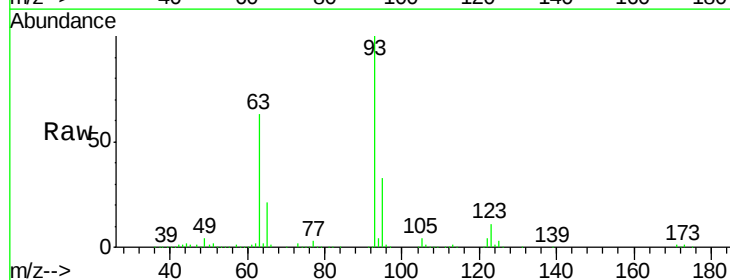
Tgt Ion: 93 Resp: 633726

Ion Ratio Lower Upper

93 100

95 33.2 26.8 40.2

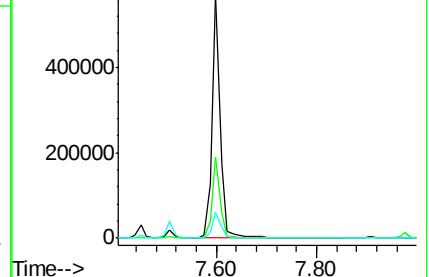
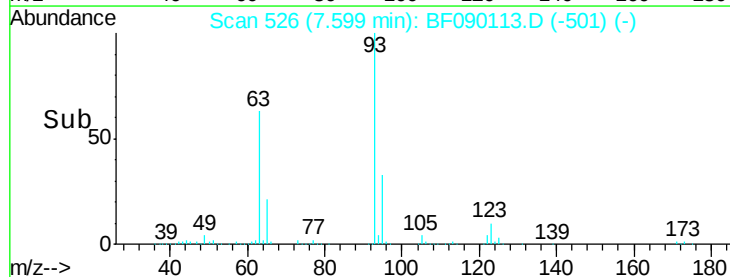
123 10.5 8.5 12.7

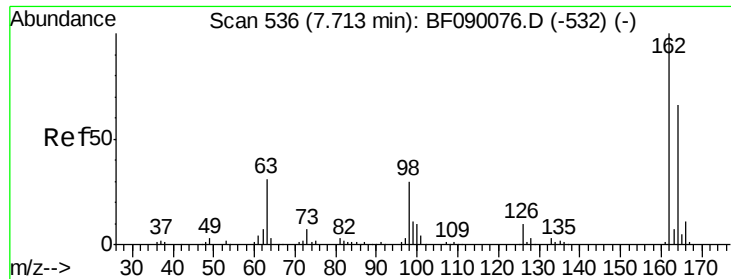


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

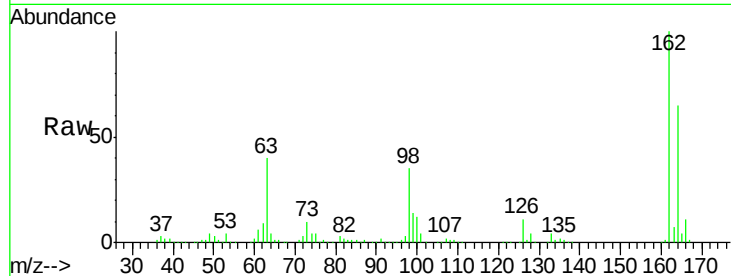




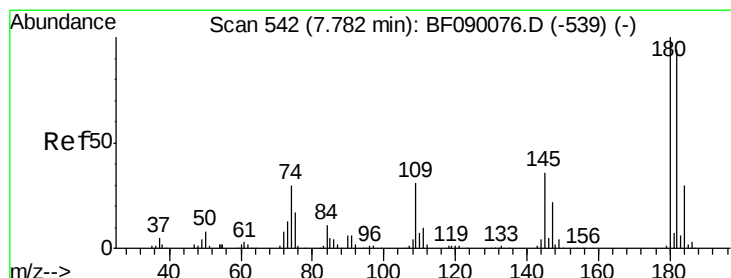
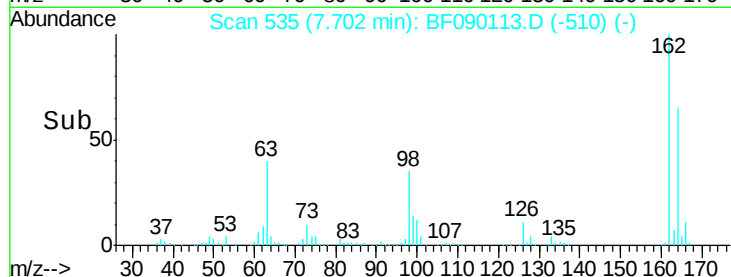
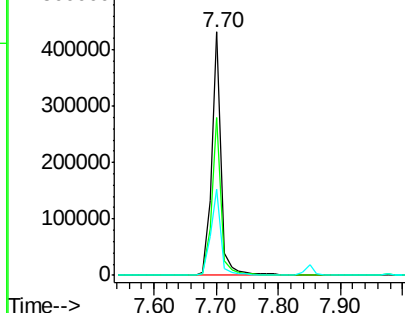
#29
 2,4-Dichlorophenol
 Concen: 47.81 ng
 RT: 7.70 min Scan# 535
 Delta R.T. -0.01 min
 Lab File: BF090113.D
 Acq: 16 Sep 2016 18:28

Instrument :
 BNA_F
 ClientSampleId :
 SB-1-6-7MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.9	46.2	86.2
98	35.5	10.4	50.4

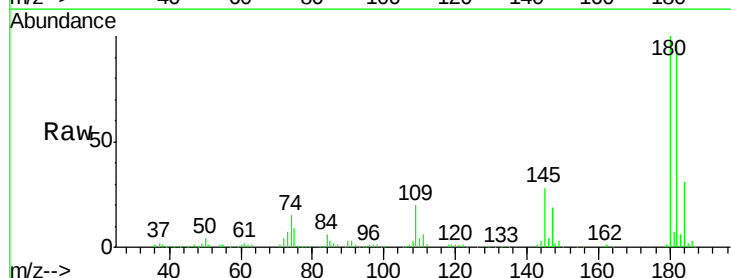


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

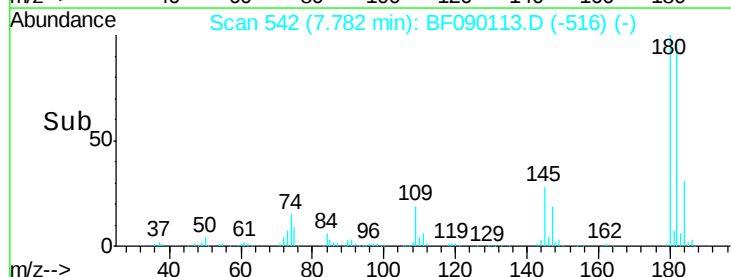
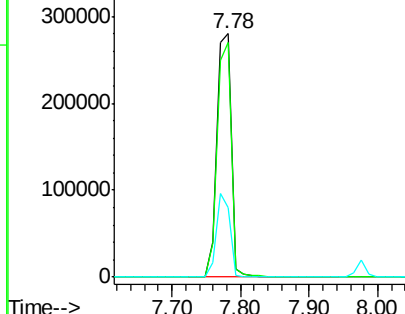


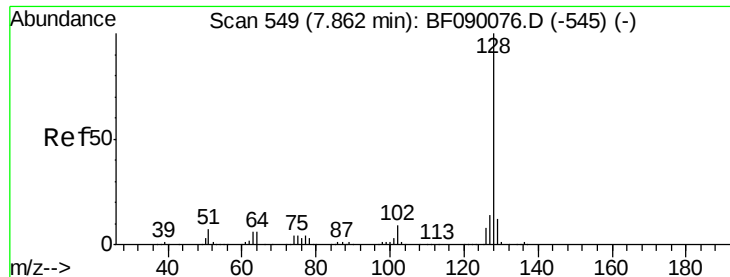
#30
 1,2,4-Trichlorobenzene
 Concen: 45.29 ng
 RT: 7.78 min Scan# 542
 Delta R.T. 0.00 min
 Lab File: BF090113.D
 Acq: 16 Sep 2016 18:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	75.0	112.6
145	28.4	28.6	42.8#



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

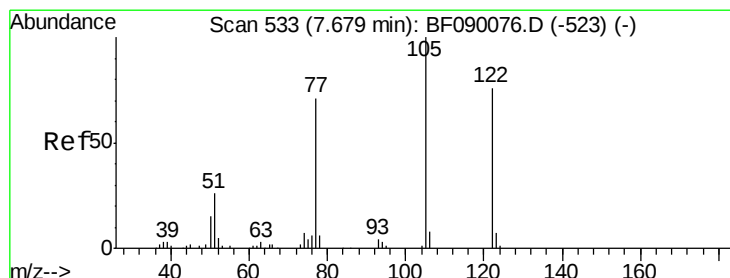
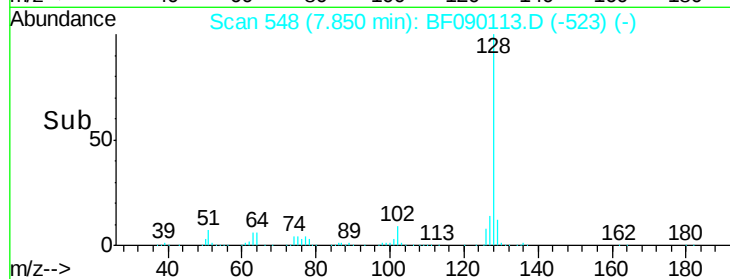
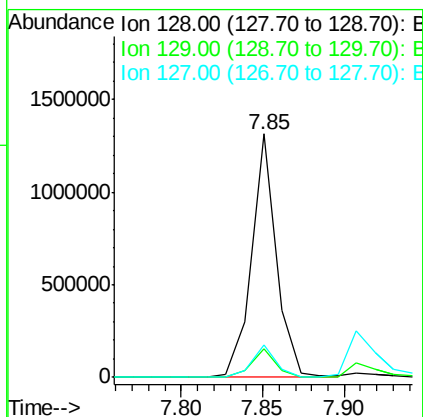
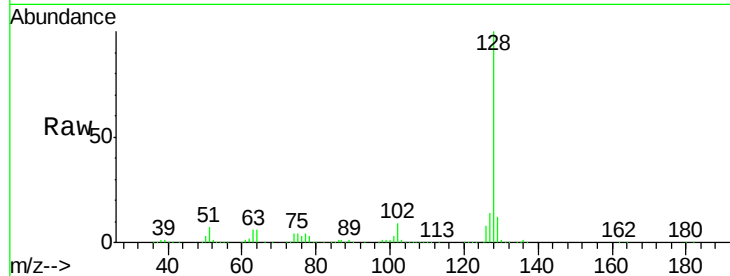




#31
Naphthalene
Concen: 42.69 ng
RT: 7.85 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF090113.D
Acq: 16 Sep 2016 18:28

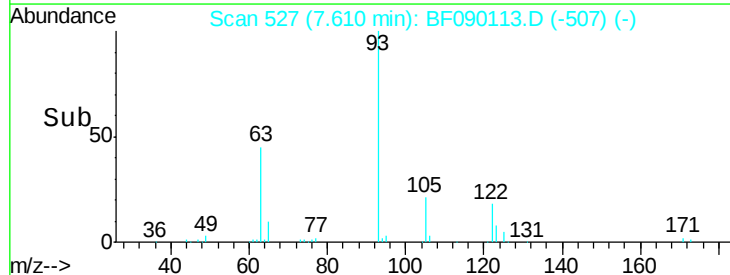
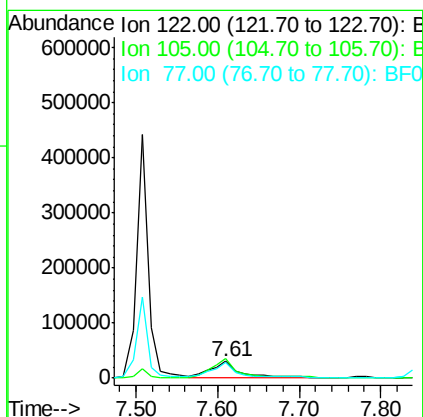
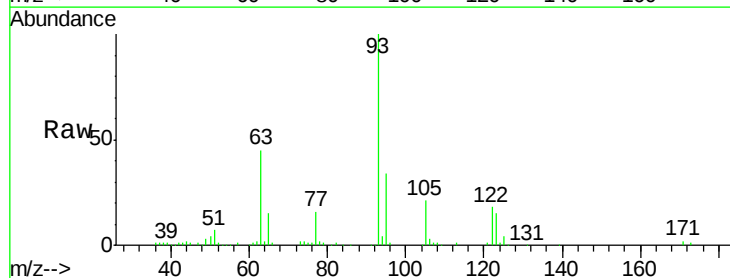
Instrument :
BNA_F
ClientSampleId :
SB-1-6-7MSD

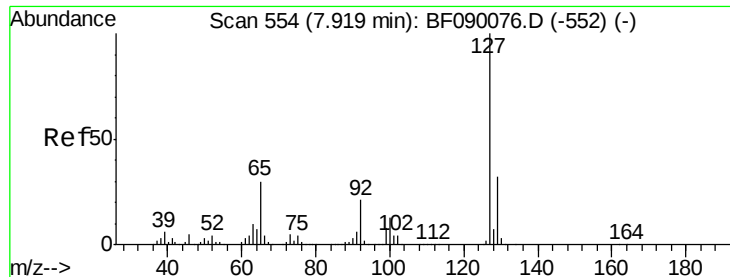
Tot Ion:128 Resp: 1394047
Ion Ratio Lower Upper
128 100
129 11.8 9.3 13.9
127 13.6 10.8 16.2



#32
Benzoic acid
Concen: 9.08 ng
RT: 7.61 min Scan# 527
Delta R.T. -0.07 min
Lab File: BF090113.D
Acq: 16 Sep 2016 18:28

Tgt Ion:122 Resp: 68816
Ion Ratio Lower Upper
122 100
105 118.4 105.0 145.0
77 91.2 70.4 110.4

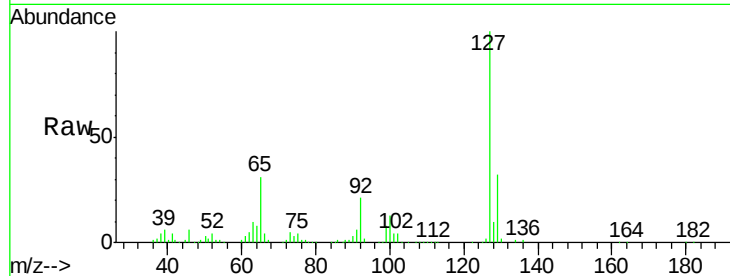




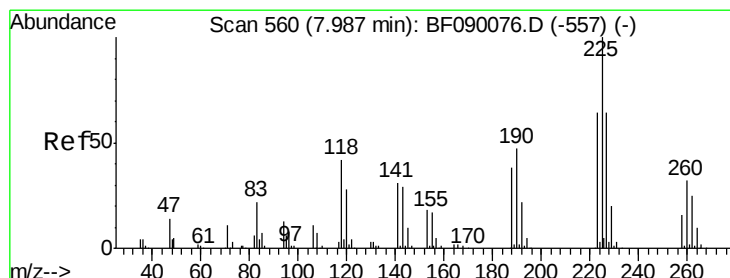
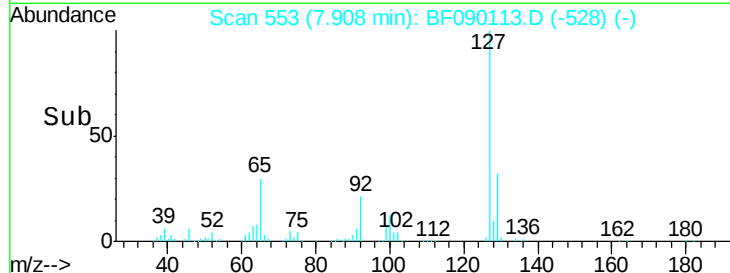
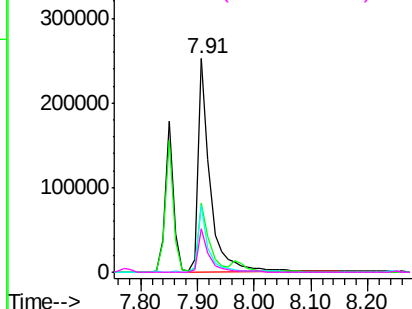
#33
4-Chloroaniline
Concen: 26.06 ng
RT: 7.91 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF090113.D
Acq: 16 Sep 2016 18:28

Instrument :
BNA_F
ClientSampleId :
SB-1-6-7MSD

Tot Ion:127	Resp:	362205
Ion Ratio	Lower	Upper
127	100	
129	32.2	25.8 38.6
65	30.9	24.1 36.1
92	20.5	16.3 24.5

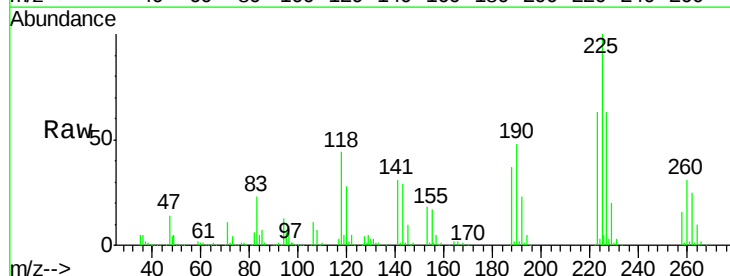


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

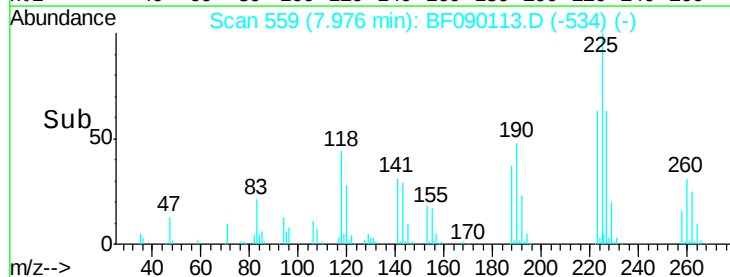
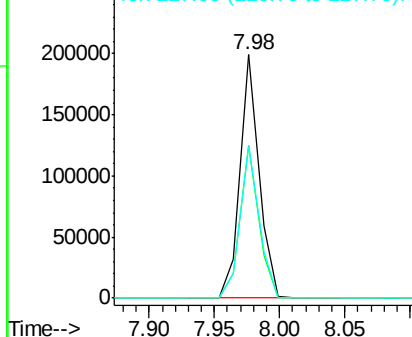


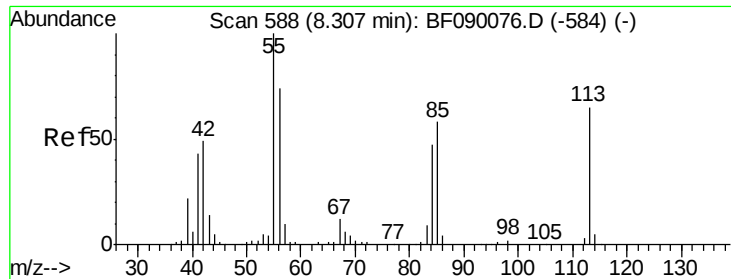
#34
Hexachlorobutadiene
Concen: 42.24 ng
RT: 7.98 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF090113.D
Acq: 16 Sep 2016 18:28

Tgt Ion:225	Resp:	200161
Ion Ratio	Lower	Upper
225	100	
223	63.0	51.3 76.9
227	62.9	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

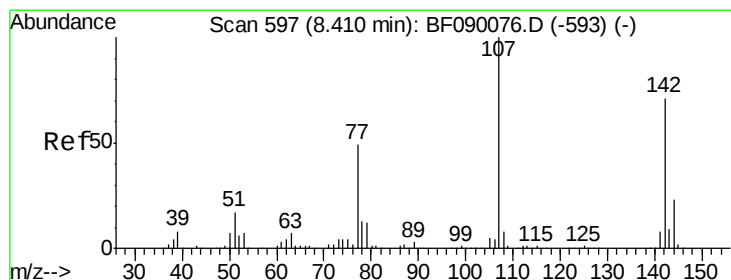
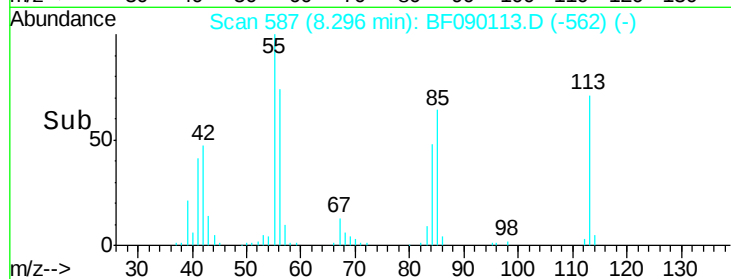
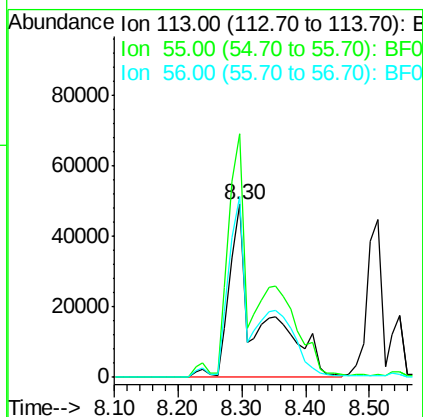
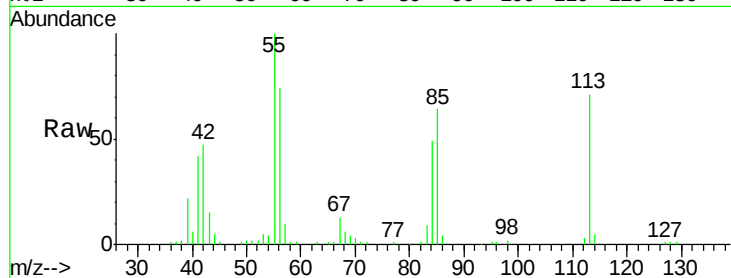




#35
Caprolactam
Concen: 51.34 ng/ml
RT: 8.30 min Scan# 587
Delta R.T. -0.01 min
Lab File: BF090113.D
Acq: 16 Sep 2016 18:28

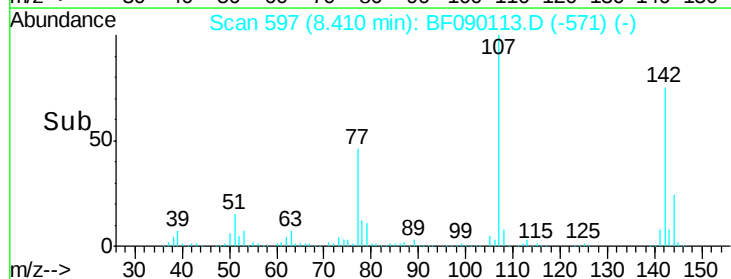
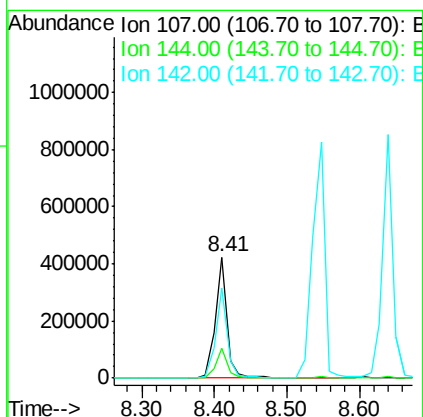
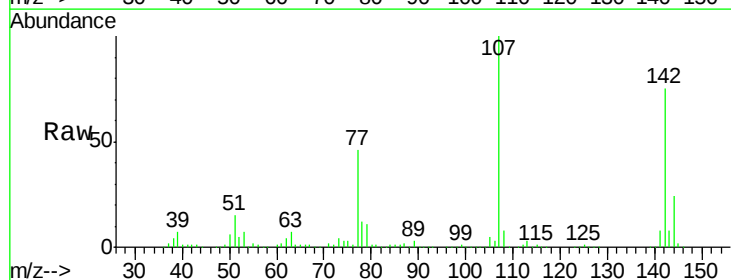
Instrument :
BNA_F
ClientSampleId :
SB-1-6-7MSD

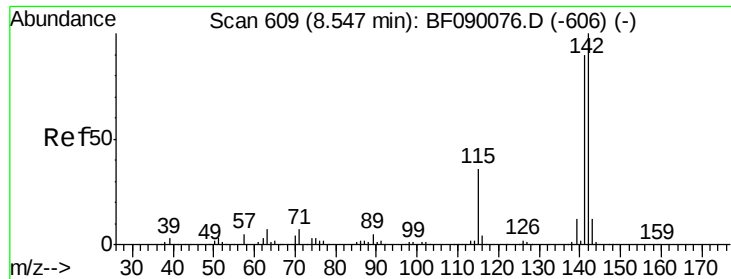
Tot Ion:113 Resp: 160817
Ion Ratio Lower Upper
113 100
55 140.9 134.5 174.5
56 104.6 93.7 133.7



#36
4-Chloro-3-methylphenol
Concen: 44.06 ng
RT: 8.41 min Scan# 597
Delta R.T. 0.00 min
Lab File: BF090113.D
Acq: 16 Sep 2016 18:28

Tgt Ion:107 Resp: 479789
Ion Ratio Lower Upper
107 100
144 24.3 18.6 27.8
142 75.0 57.0 85.6

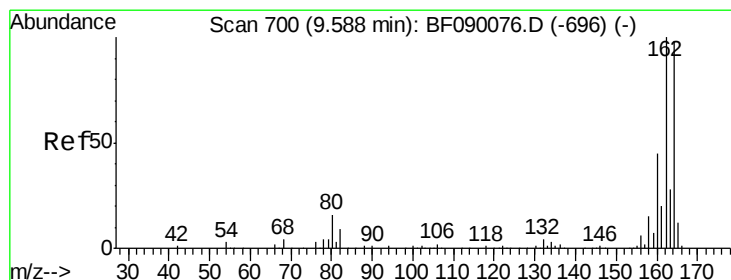
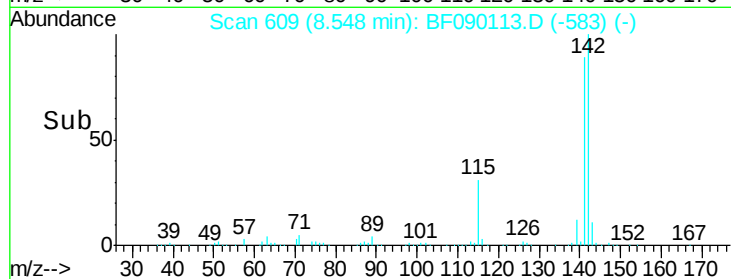
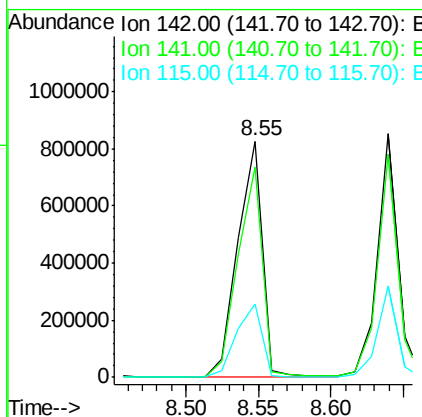
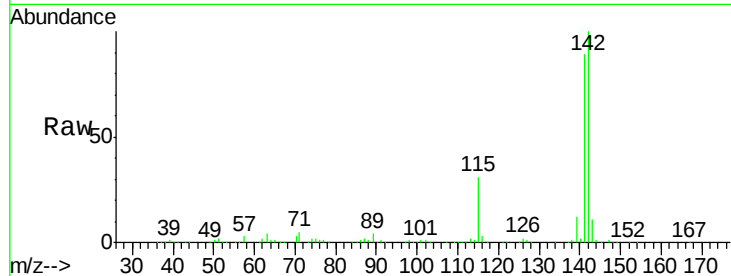




#37
2-Methylnaphthalene
Concen: 48.52 ng
RT: 8.55 min Scan# 609
Delta R.T. 0.00 min
Lab File: BF090113.D
Acq: 16 Sep 2016 18:28

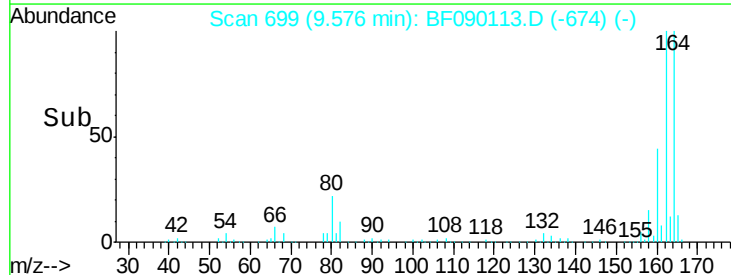
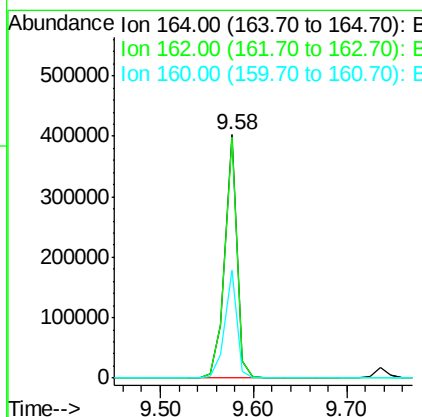
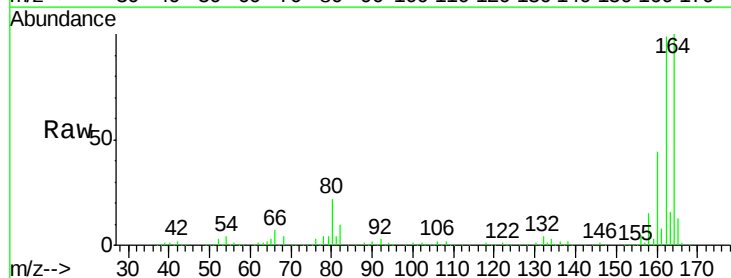
Instrument :
BNA_F
ClientSampleId :
SB-1-6-7MSD

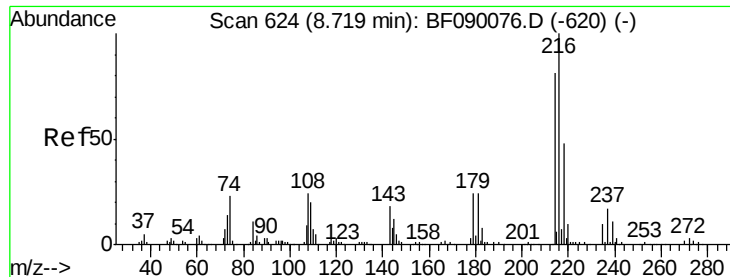
Tot Ion:142 Resp: 982693
Ion Ratio Lower Upper
142 100
141 89.2 71.4 107.2
115 31.0 28.3 42.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.58 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF090113.D
Acq: 16 Sep 2016 18:28

Tgt Ion:164 Resp: 363152
Ion Ratio Lower Upper
164 100
162 99.2 81.4 122.2
160 44.2 36.6 54.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 30.21 ng

RT: 8.71 min Scan# 623

Delta R.T. -0.01 min

Lab File: BF090113.D

Acq: 16 Sep 2016 18:28

Instrument :

BNA_F

ClientSampleId :

SB-1-6-7MSD

Tot Ion:216 Resp: 282099

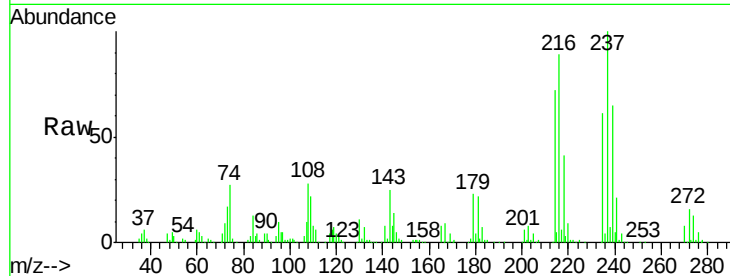
Ion Ratio Lower Upper

216 100

214 79.4 63.7 95.5

179 21.9 18.5 27.7

108 25.8 19.5 29.3

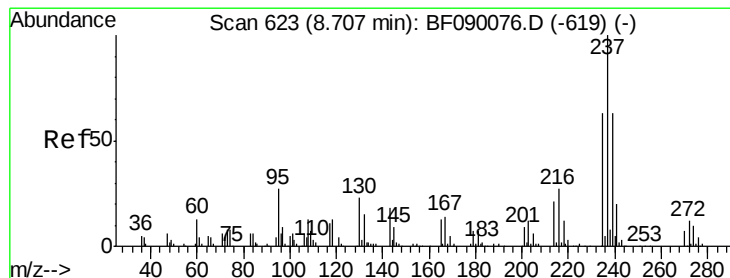
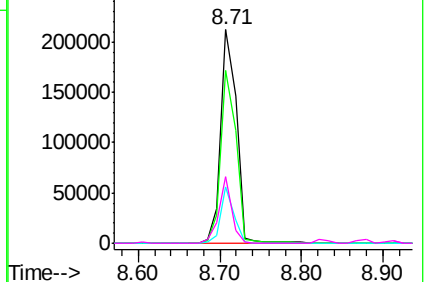
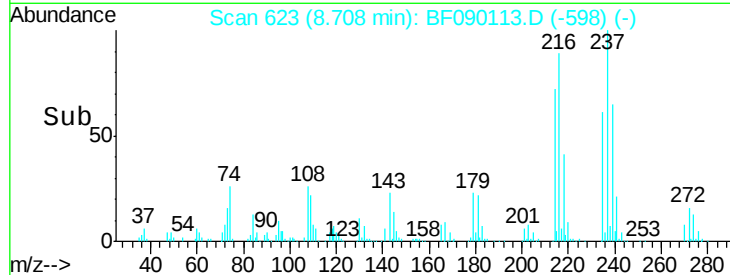


Abundance Ion 216.00 (215.70 to 216.70): E

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: 73.59 ng

RT: 8.71 min Scan# 623

Delta R.T. 0.00 min

Lab File: BF090113.D

Acq: 16 Sep 2016 18:28

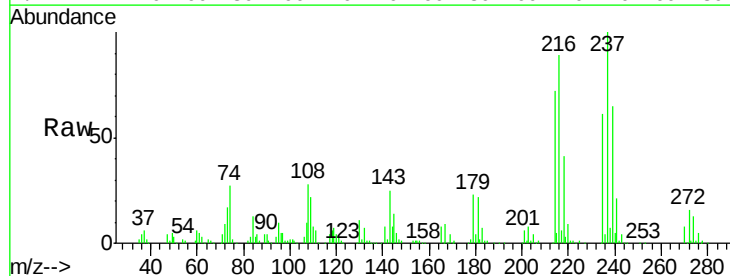
Tgt Ion:237 Resp: 357113

Ion Ratio Lower Upper

237 100

235 60.6 42.5 82.5

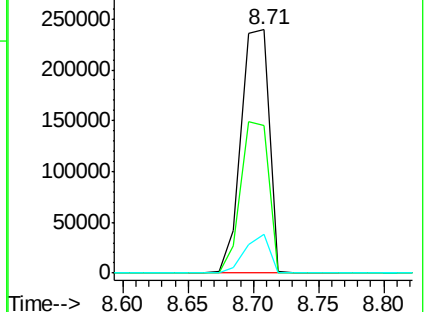
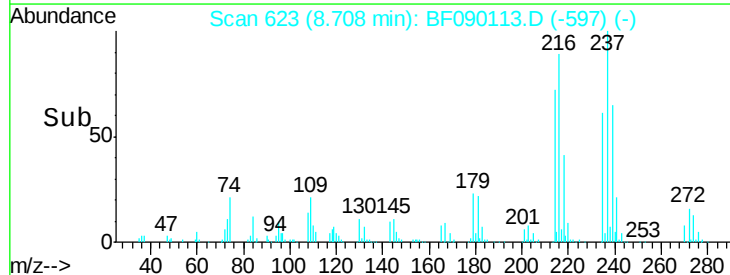
272 15.9 0.0 32.0

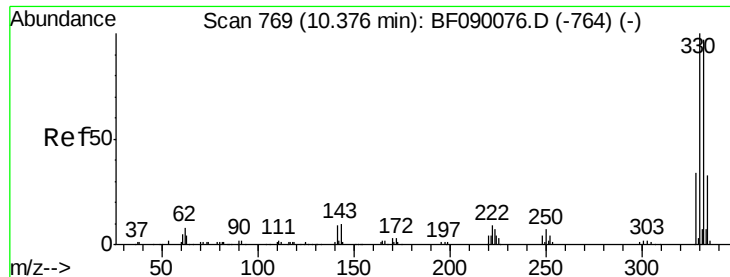


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

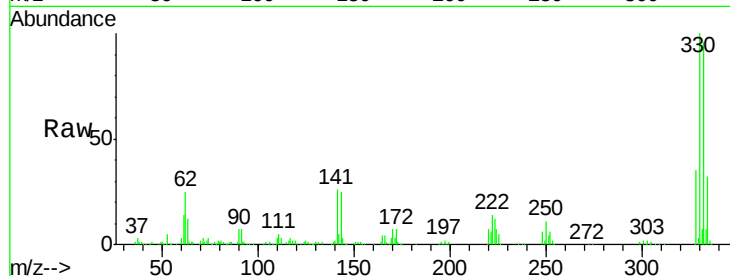




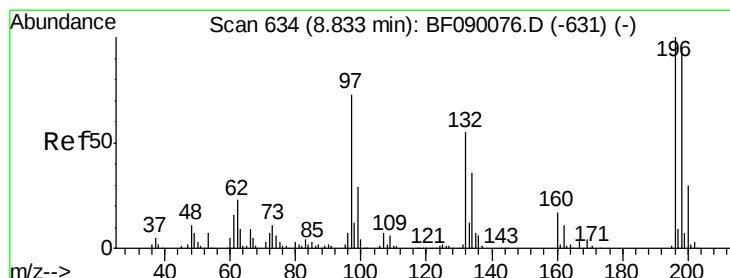
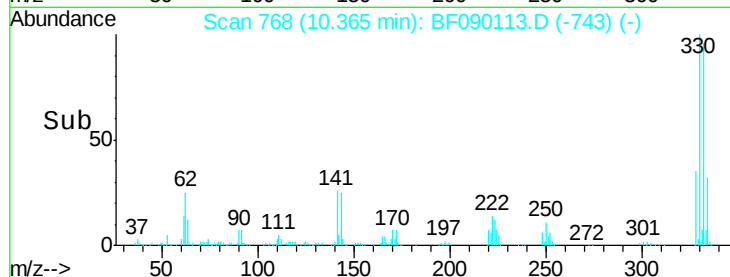
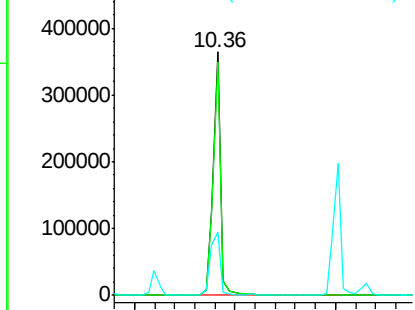
#41
 2,4,6-Tribromophenol
 Concen: 102.90 ng
 RT: 10.36 min Scan# 768
 Delta R.T. -0.01 min
 Lab File: BF090113.D
 Acq: 16 Sep 2016 18:28

Instrument :
 BNA_F
 ClientSampleId :
 SB-1-6-7MSD

Tot Ion:330 Resp: 375351
 Ion Ratio Lower Upper
 330 100
 332 96.4 78.1 117.1
 141 33.8 23.9 35.9

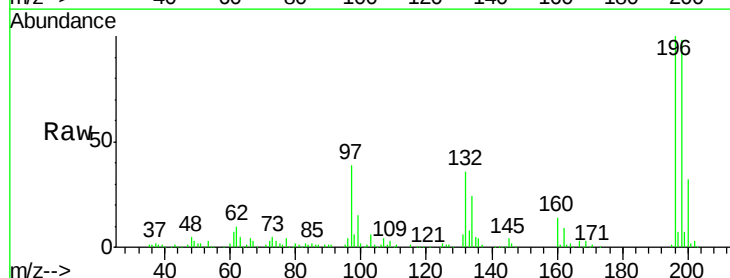


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

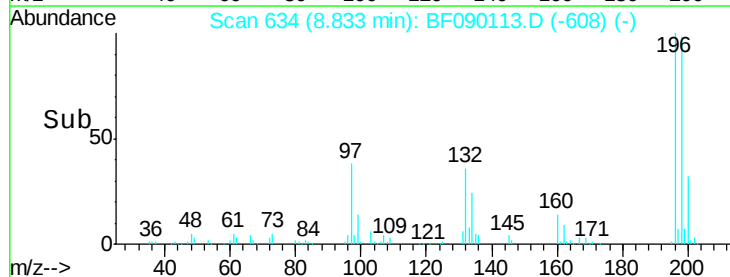
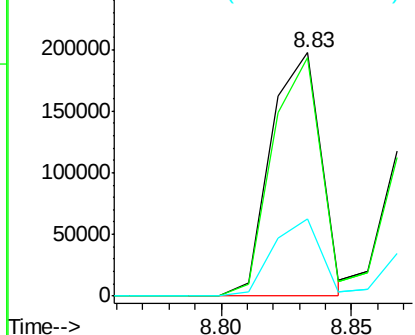


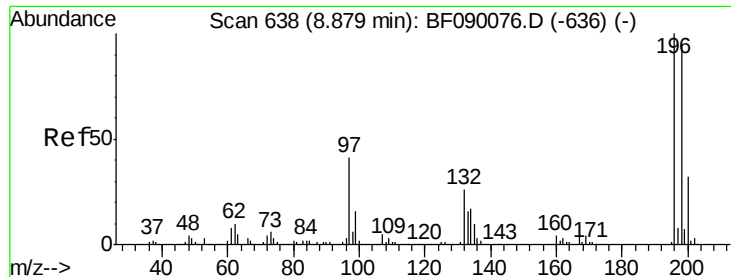
#42
 2,4,6-Trichlorophenol
 Concen: 38.85 ng
 RT: 8.83 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: BF090113.D
 Acq: 16 Sep 2016 18:28

Tgt Ion:196 Resp: 262944
 Ion Ratio Lower Upper
 196 100
 198 97.8 76.3 114.5
 200 31.8 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

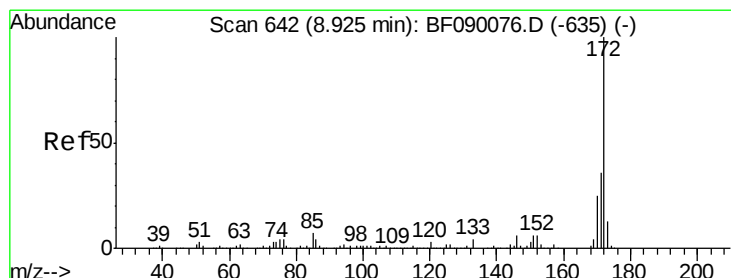
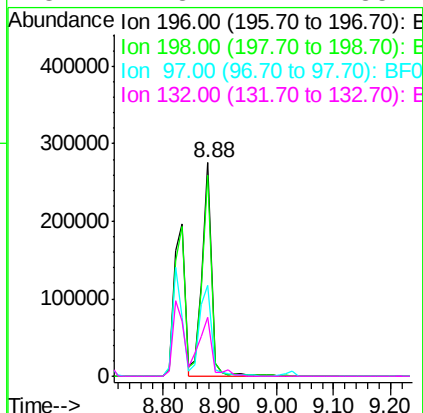
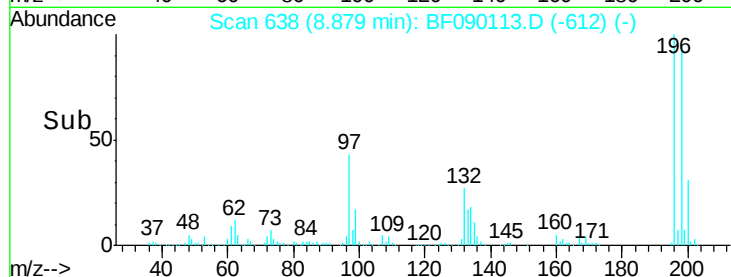
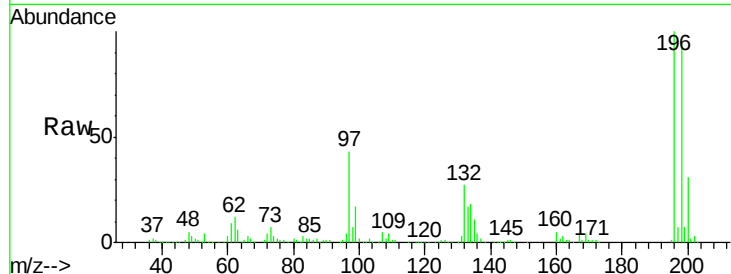




#43
 2,4,5-Trichlorophenol
 Concen: 42.49 ng
 RT: 8.88 min Scan# 638
 Delta R.T. 0.00 min
 Lab File: BF090113.D
 Acq: 16 Sep 2016 18:28

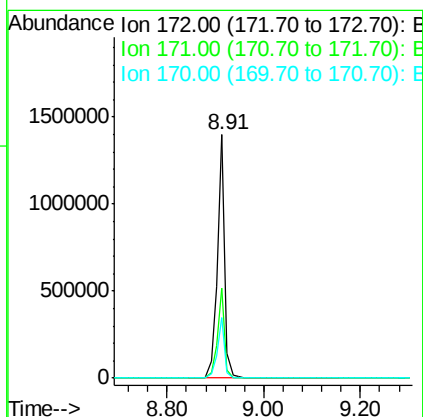
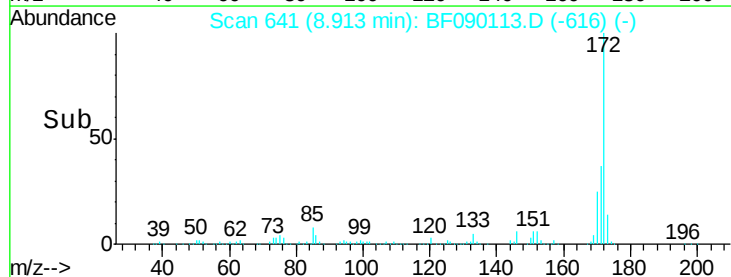
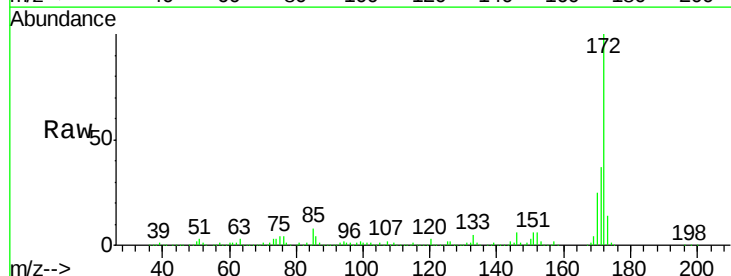
Instrument :
 BNA_F
 ClientSampleId :
 SB-1-6-7MSD

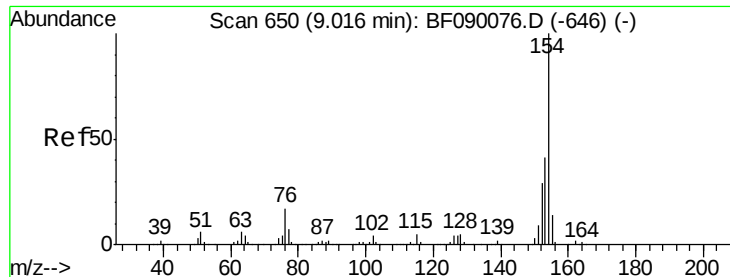
Tot Ion	Ratio	Lower	Upper
196	100		
198	93.9	76.6	114.8
97	42.7	34.4	51.6
132	27.3	22.2	33.2



#44
 2-Fluorobiphenyl
 Concen: 65.36 ng
 RT: 8.91 min Scan# 641
 Delta R.T. -0.01 min
 Lab File: BF090113.D
 Acq: 16 Sep 2016 18:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.2	43.8
170	25.0	19.8	29.8

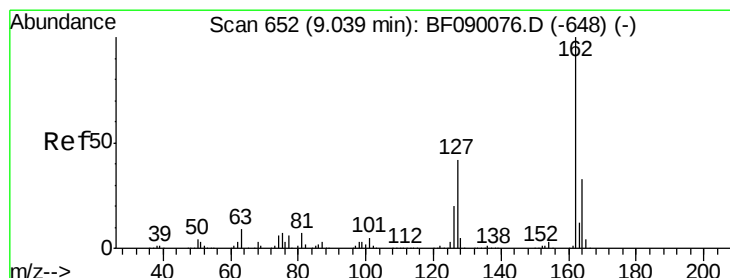
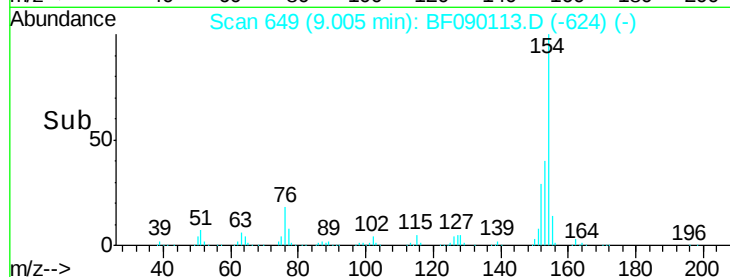
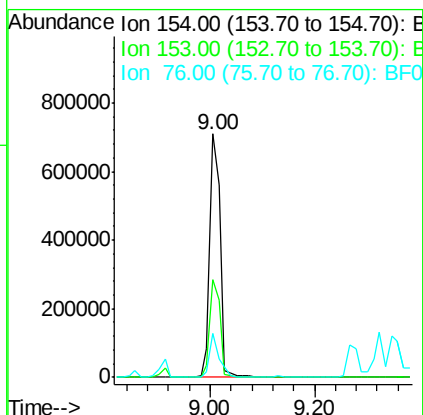
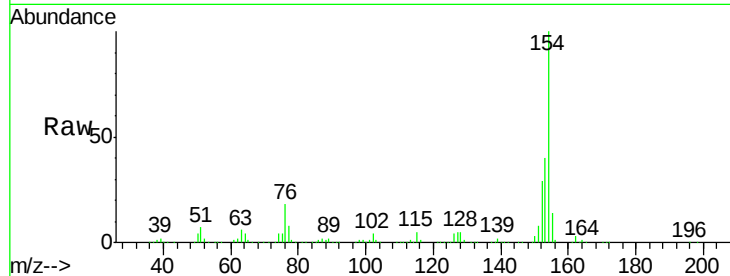




#45
 1,1'-Biphenyl
 Concen: 32.75 ng
 RT: 9.00 min Scan# 649
 Delta R.T. -0.01 min
 Lab File: BF090113.D
 Acq: 16 Sep 2016 18:28

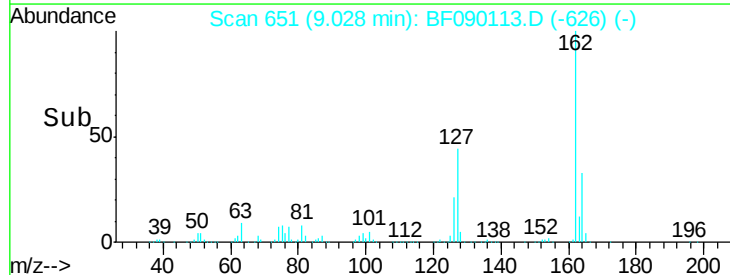
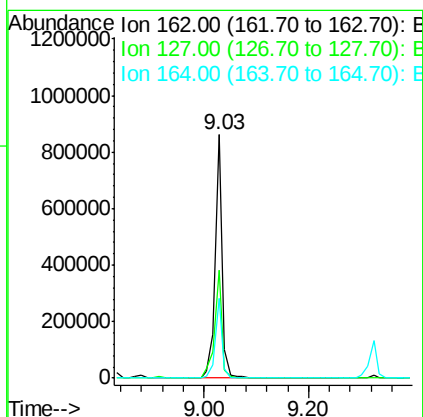
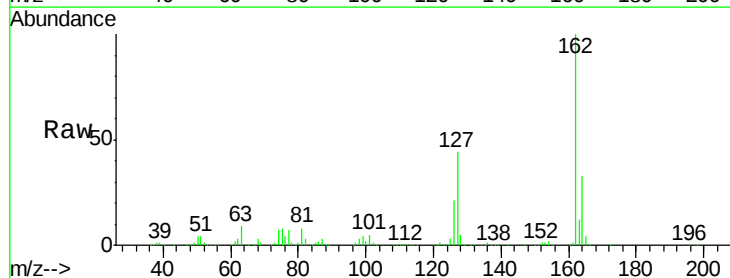
Instrument :
 BNA_F
 ClientSampleId :
 SB-1-6-7MSD

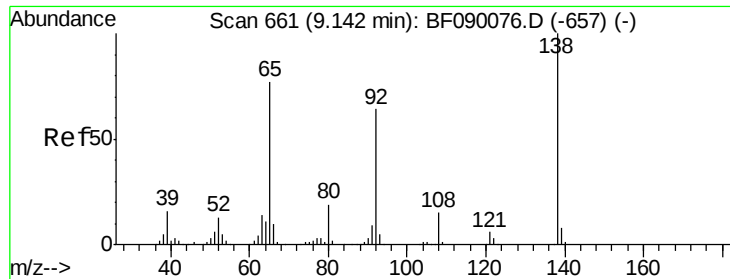
Tot Ion:154 Resp: 973203
 Ion Ratio Lower Upper
 154 100
 153 40.3 20.6 60.6
 76 17.9 0.0 36.7



#46
 2-Chloronaphthalene
 Concen: 36.72 ng
 RT: 9.03 min Scan# 651
 Delta R.T. -0.01 min
 Lab File: BF090113.D
 Acq: 16 Sep 2016 18:28

Tgt Ion:162 Resp: 808470
 Ion Ratio Lower Upper
 162 100
 127 44.2 34.0 51.0
 164 32.7 26.8 40.2

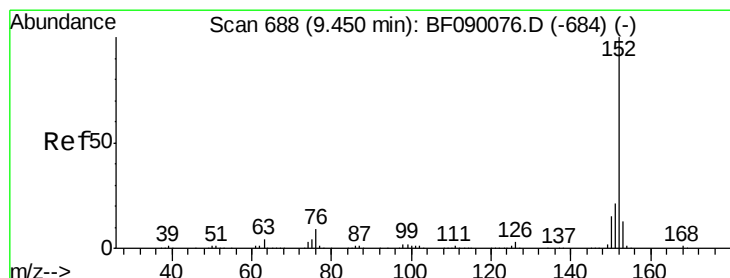
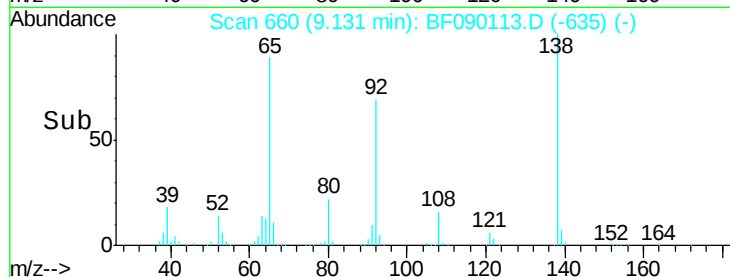
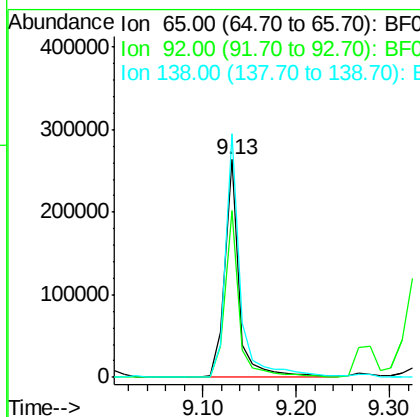
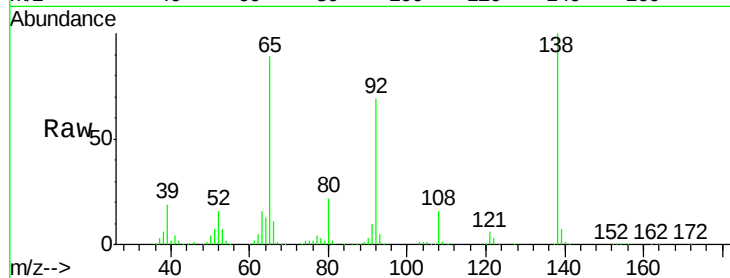




#47
2-Nitroaniline
Concen: 39.82 ng
RT: 9.13 min Scan# 660
Delta R.T. -0.01 min
Lab File: BF090113.D
Acq: 16 Sep 2016 18:28

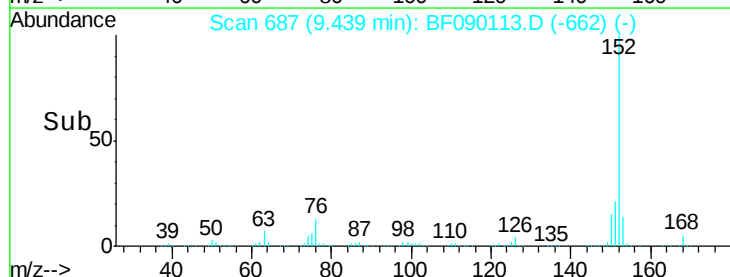
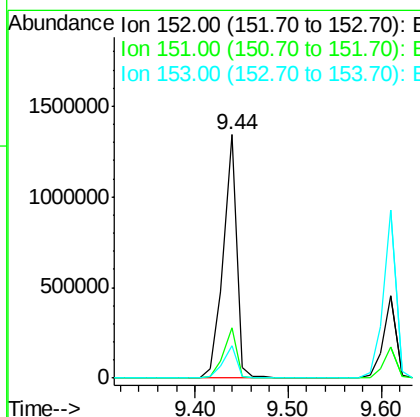
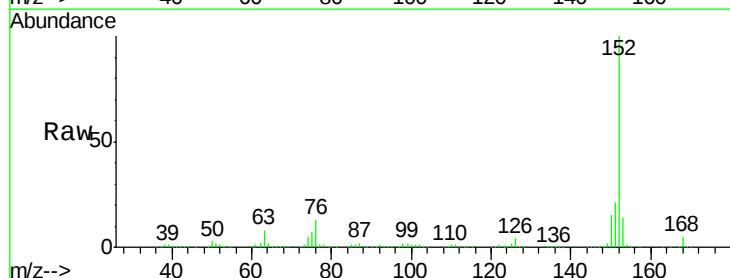
Instrument :
BNA_F
ClientSampleId :
SB-1-6-7MSD

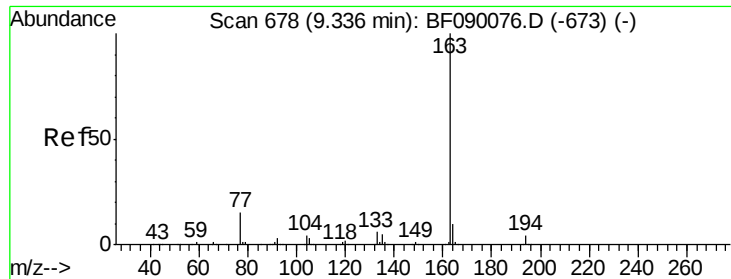
Tot Ion: 65 Resp: 279912
Ion Ratio Lower Upper
65 100
92 76.9 66.1 99.1
138 112.0 104.1 156.1



#48
Acenaphthylene
Concen: 36.32 ng
RT: 9.44 min Scan# 687
Delta R.T. -0.01 min
Lab File: BF090113.D
Acq: 16 Sep 2016 18:28

Tgt Ion: 152 Resp: 1342984
Ion Ratio Lower Upper
152 100
151 20.6 16.5 24.7
153 13.5 10.6 15.8

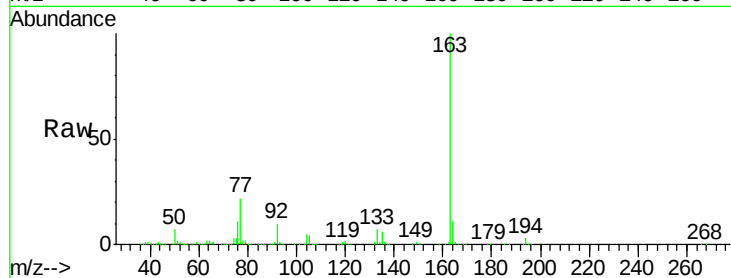




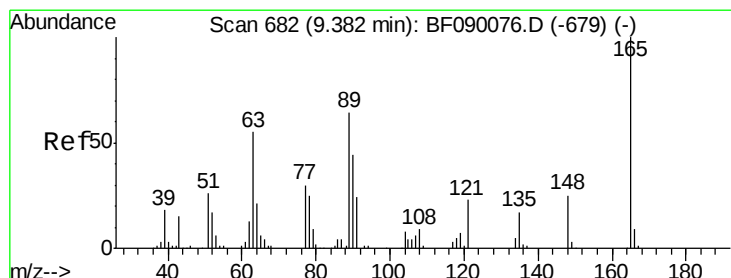
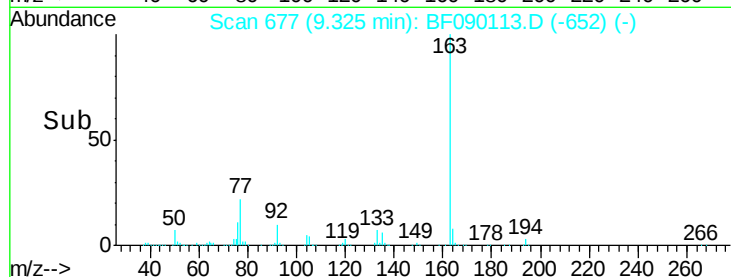
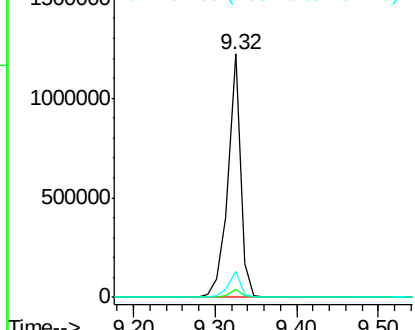
#49
Dimethylphthalate
Concen: 48.81 ng
RT: 9.32 min Scan# 677
Delta R.T. -0.01 min
Lab File: BF090113.D
Acq: 16 Sep 2016 18:28

Instrument :
BNA_F
ClientSampleId :
SB-1-6-7MSD

Tot Ion:163 Resp: 1316573
Ion Ratio Lower Upper
163 100
194 3.2 2.8 4.2
164 10.8 8.1 12.1

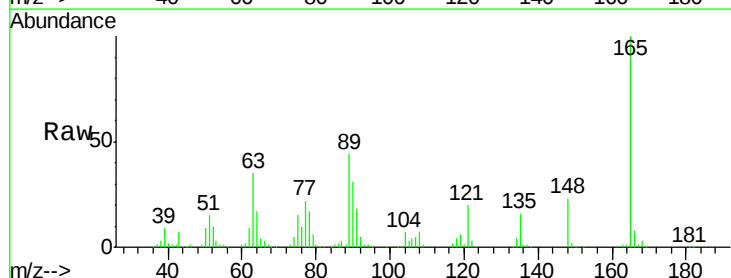


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

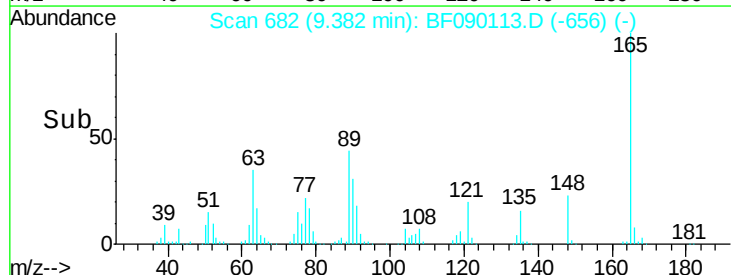
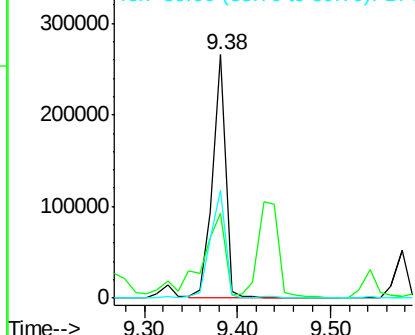


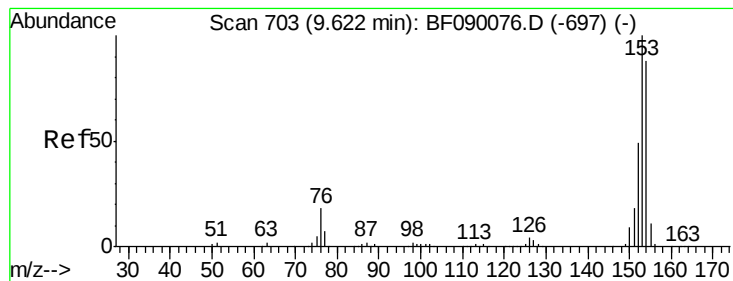
#50
2,6-Dinitrotoluene
Concen: 43.52 ng
RT: 9.38 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF090113.D
Acq: 16 Sep 2016 18:28

Tgt Ion:165 Resp: 262332
Ion Ratio Lower Upper
165 100
63 34.9 49.9 74.9#
89 44.3 51.0 76.4#



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





#51

Acenaphthene

Concen: 38.32 ng

RT: 9.61 min Scan# 702

Delta R.T. -0.01 min

Lab File: BF090113.D

Acq: 16 Sep 2016 18:28

Instrument :

BNA_F

ClientSampleId :

SB-1-6-7MSD

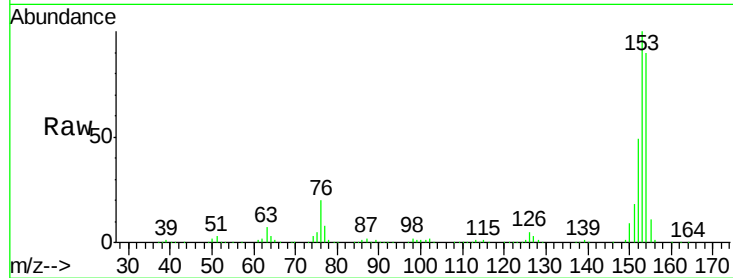
Tot Ion:154 Resp: 791392

Ion Ratio Lower Upper

154 100

153 111.1 90.8 136.2

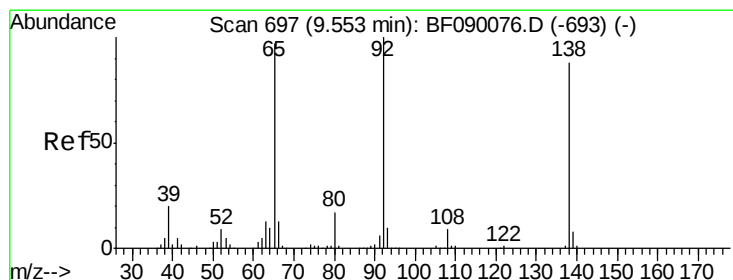
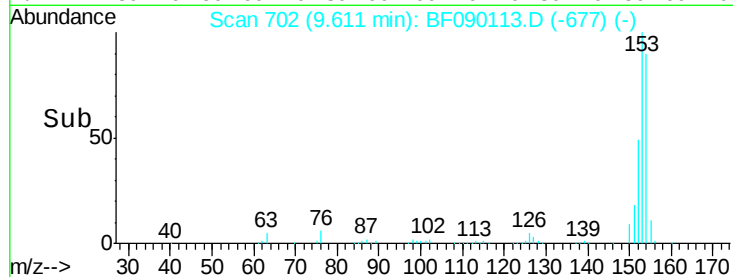
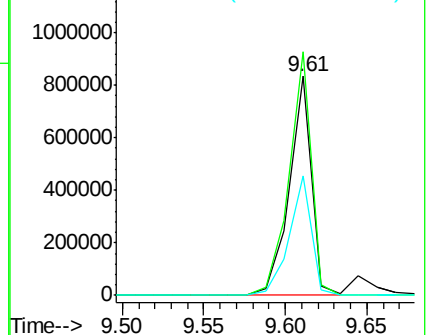
152 54.4 44.2 66.4



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: 30.50 ng

RT: 9.54 min Scan# 696

Delta R.T. -0.01 min

Lab File: BF090113.D

Acq: 16 Sep 2016 18:28

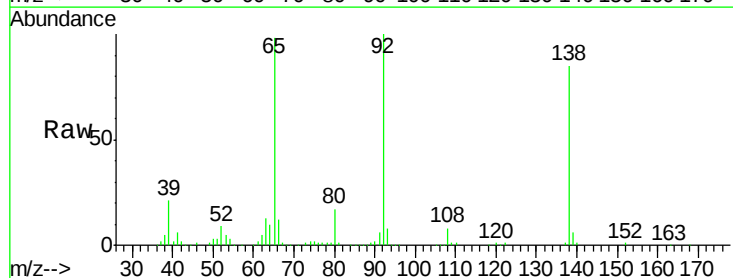
Tgt Ion:138 Resp: 223710

Ion Ratio Lower Upper

138 100

108 9.7 7.8 11.6

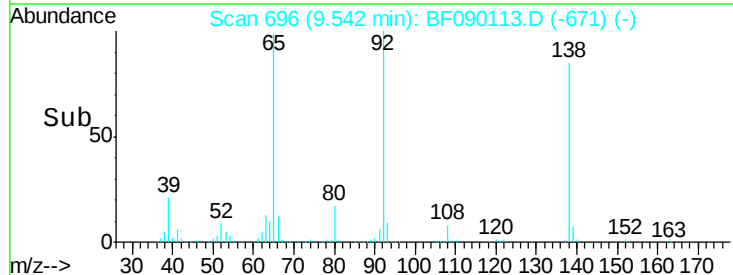
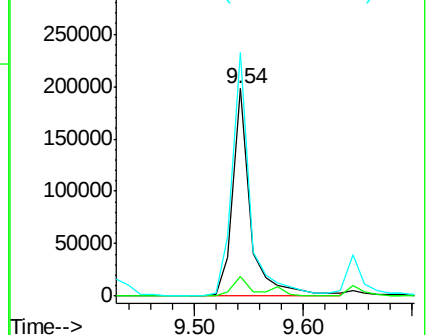
92 117.3 90.7 136.1

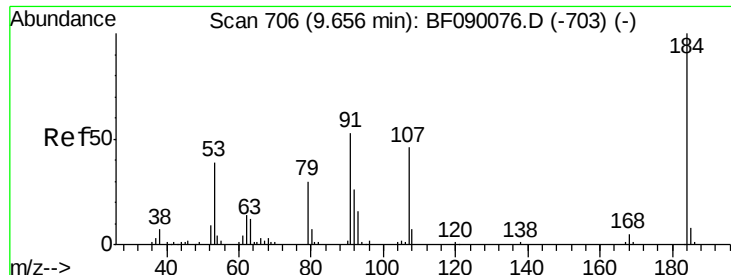


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

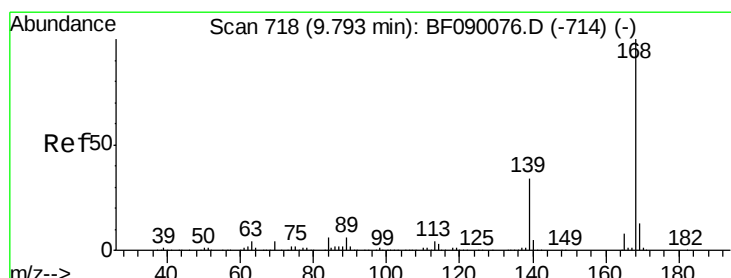
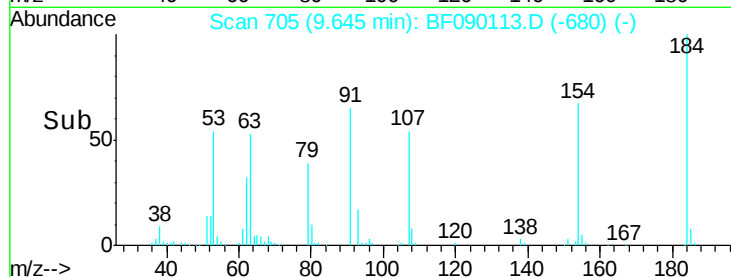
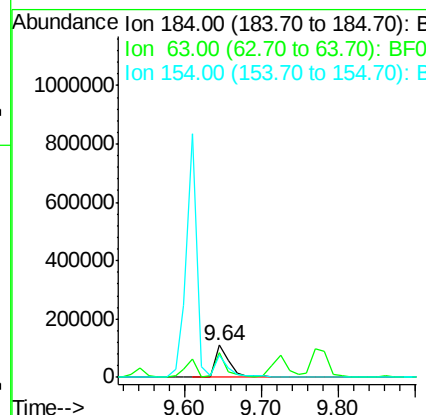
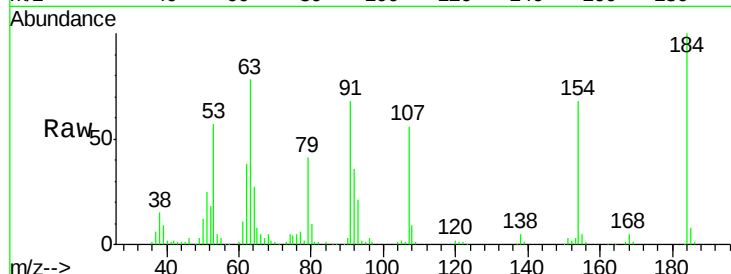




#53
 2,4-Dinitrophenol
 Concen: 44.43 ng
 RT: 9.64 min Scan# 705
 Delta R.T. -0.01 min
 Lab File: BF090113.D
 Acq: 16 Sep 2016 18:28

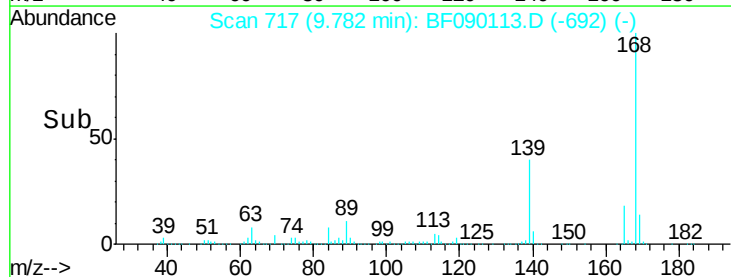
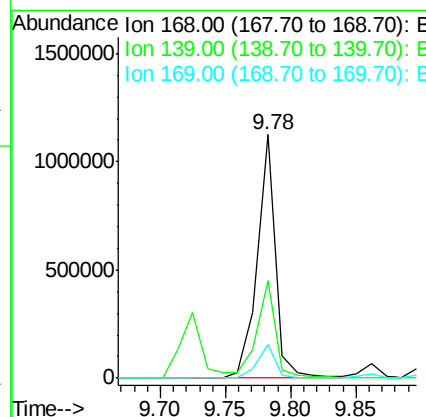
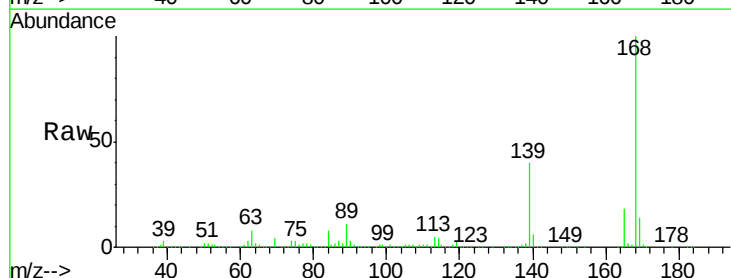
Instrument :
 BNA_F
 ClientSampleId :
 SB-1-6-7MSD

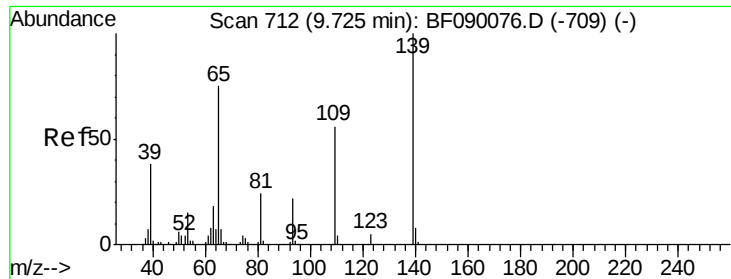
Tot Ion:184 Resp: 145603
 Ion Ratio Lower Upper
 184 100
 63 78.0 44.6 67.0#
 154 67.8 49.7 74.5



#54
 Dibenzofuran
 Concen: 38.74 ng
 RT: 9.78 min Scan# 717
 Delta R.T. -0.01 min
 Lab File: BF090113.D
 Acq: 16 Sep 2016 18:28

Tgt Ion:168 Resp: 1106444
 Ion Ratio Lower Upper
 168 100
 139 39.9 28.8 43.2
 169 14.0 10.7 16.1

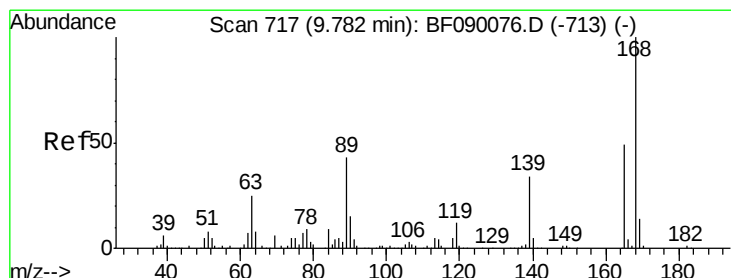
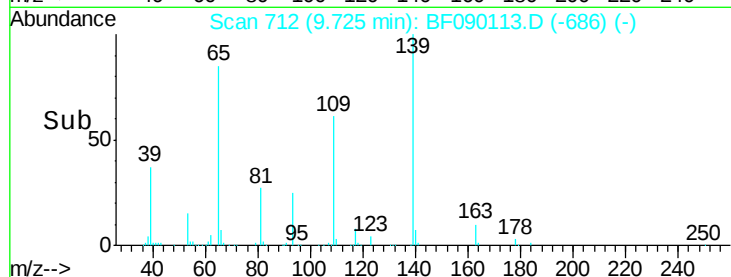
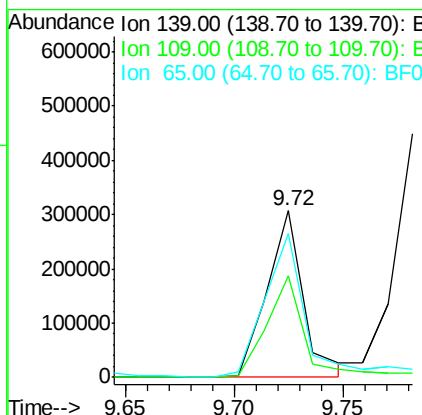
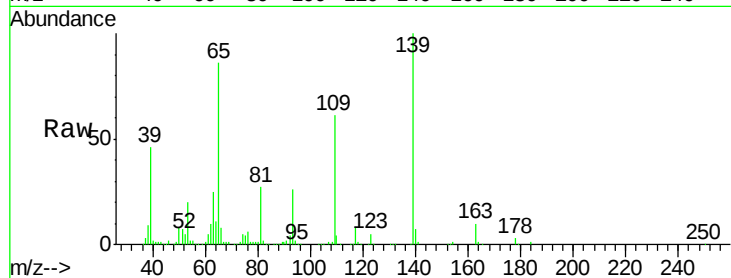




#55
4-Nitrophenol
Concen: 69.37 ng
RT: 9.72 min Scan# 712
Delta R.T. 0.00 min
Lab File: BF090113.D
Acq: 16 Sep 2016 18:28

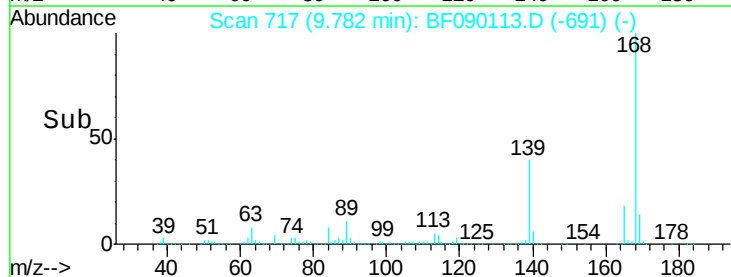
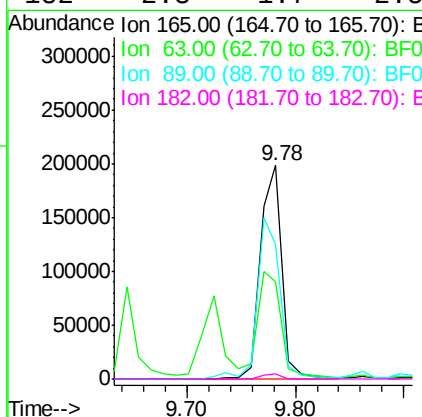
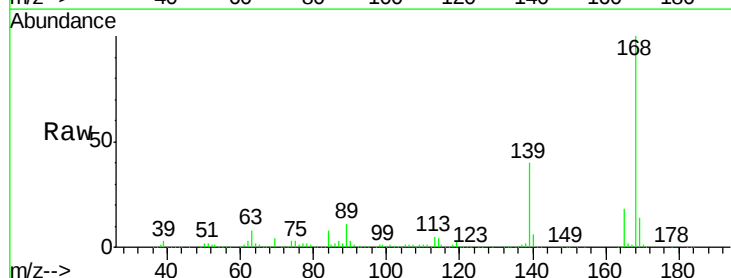
Instrument :
BNA_F
ClientSampleId :
SB-1-6-7MSD

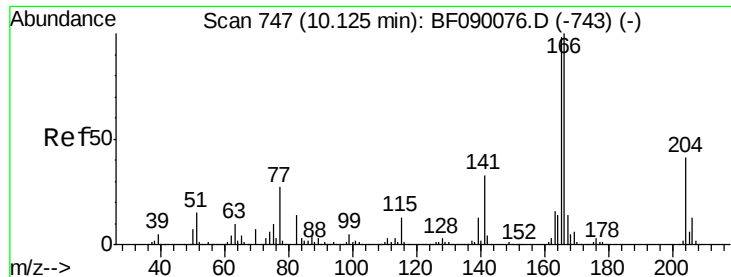
Tot Ion:139 Resp: 357999
Ion Ratio Lower Upper
139 100
109 61.0 35.6 75.6
65 86.3 55.5 95.5



#56
2,4-Dinitrotoluene
Concen: 37.18 ng
RT: 9.78 min Scan# 717
Delta R.T. 0.00 min
Lab File: BF090113.D
Acq: 16 Sep 2016 18:28

Tgt Ion:165 Resp: 273214
Ion Ratio Lower Upper
165 100
63 45.3 44.4 66.6
89 63.2 70.1 105.1#
182 2.3 1.7 2.5

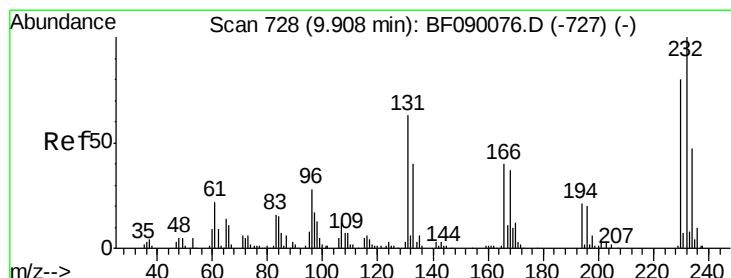
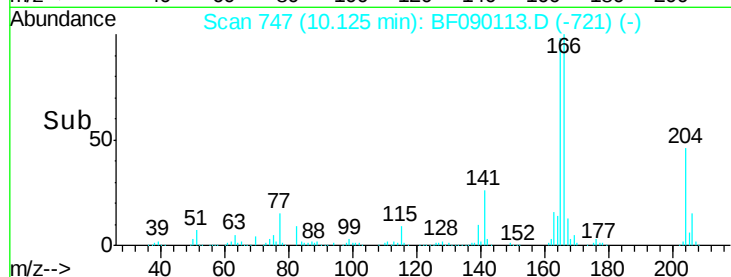
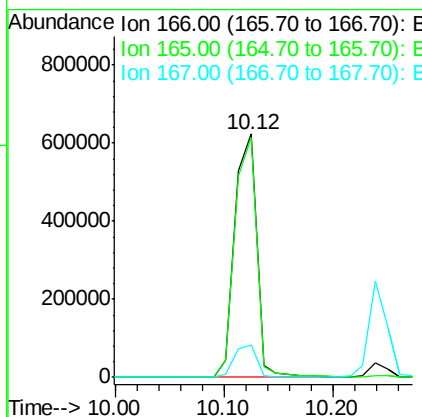
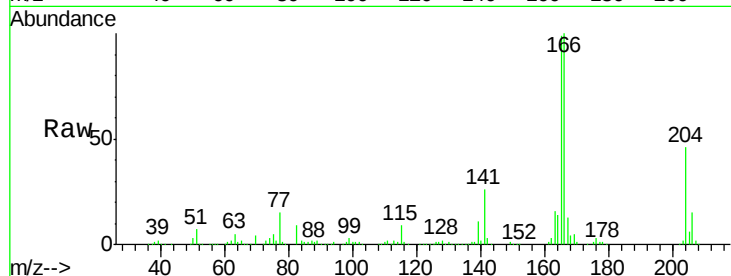




#57
 Fluorene
 Concen: 40.07 ng
 RT: 10.12 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF090113.D
 Acq: 16 Sep 2016 18:28

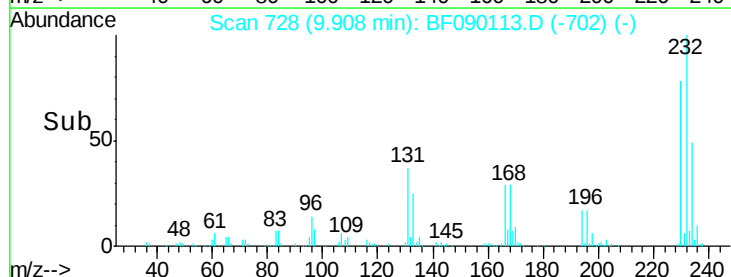
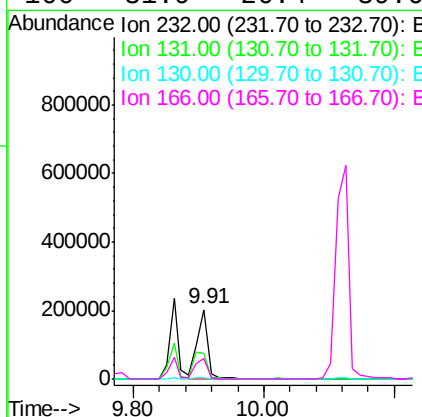
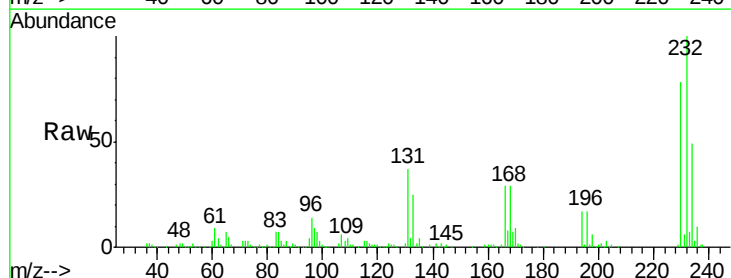
Instrument :
 BNA_F
 ClientSampleId :
 SB-1-6-7MSD

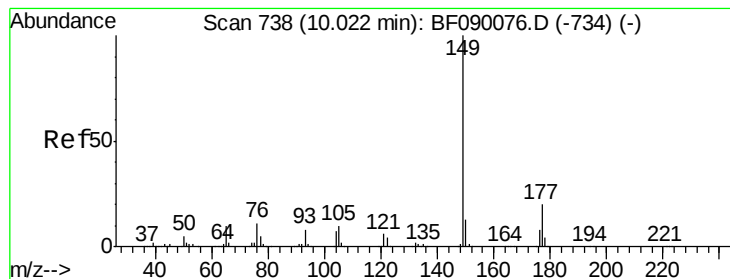
Tot Ion:166 Resp: 863031
 Ion Ratio Lower Upper
 166 100
 165 98.6 78.5 117.7
 167 13.1 11.2 16.8



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.75 ng
 RT: 9.91 min Scan# 728
 Delta R.T. 0.00 min
 Lab File: BF090113.D
 Acq: 16 Sep 2016 18:28

Tgt Ion:232 Resp: 231801
 Ion Ratio Lower Upper
 232 100
 131 49.3 42.2 63.4
 130 2.2 1.9 2.9
 166 31.9 26.4 39.6





#59

Diethylphthalate

Concen: 39.32 ng

RT: 10.02 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF090113.D

Acq: 16 Sep 2016 18:28

Instrument :

BNA_F

ClientSampleId :

SB-1-6-7MSD

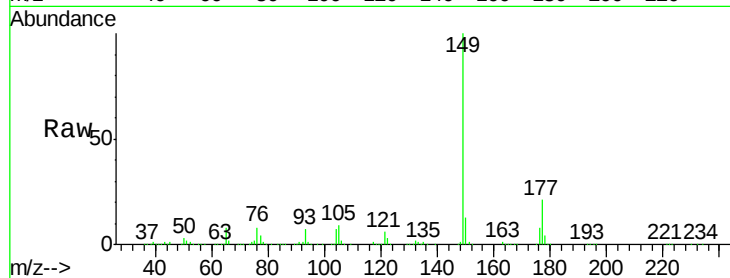
Tot Ion:149 Resp: 1026747

Ion Ratio Lower Upper

149 100

177 21.4 15.8 23.6

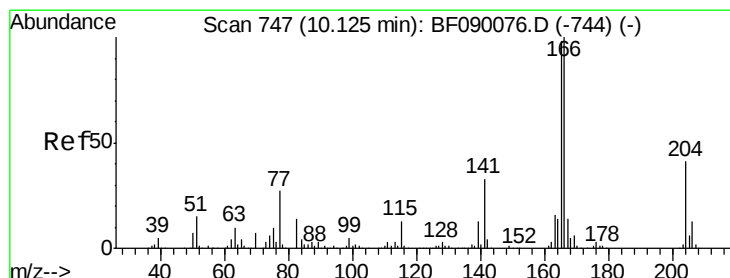
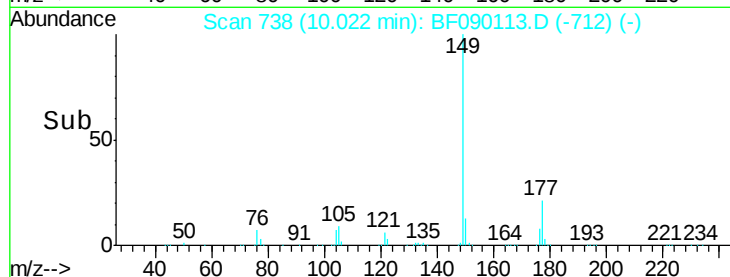
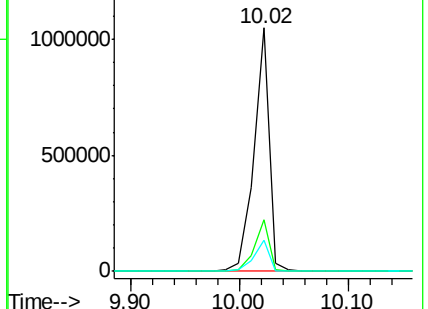
150 12.5 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 40.69 ng

RT: 10.12 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF090113.D

Acq: 16 Sep 2016 18:28

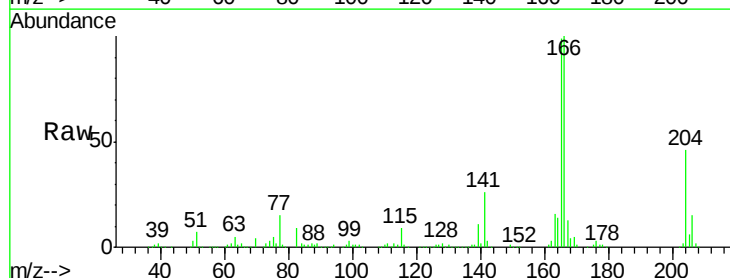
Tgt Ion:204 Resp: 352508

Ion Ratio Lower Upper

204 100

206 33.4 25.6 38.4

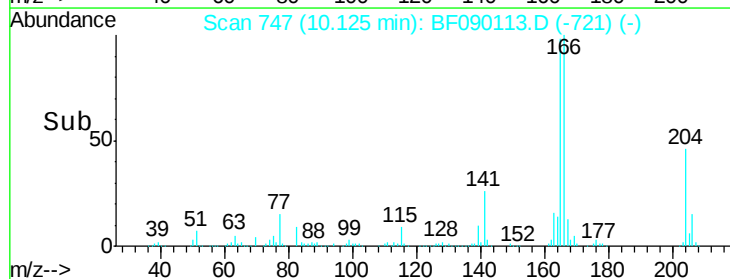
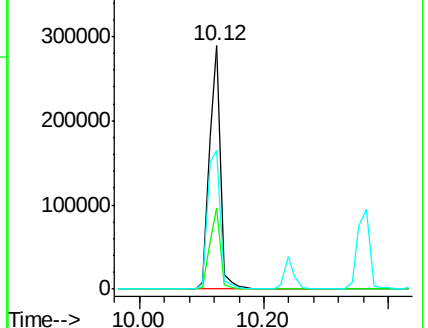
141 57.0 64.4 96.6#

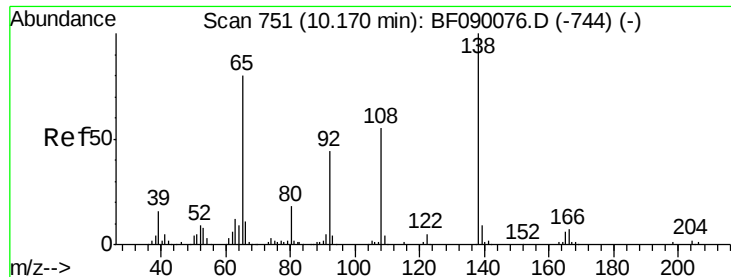


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

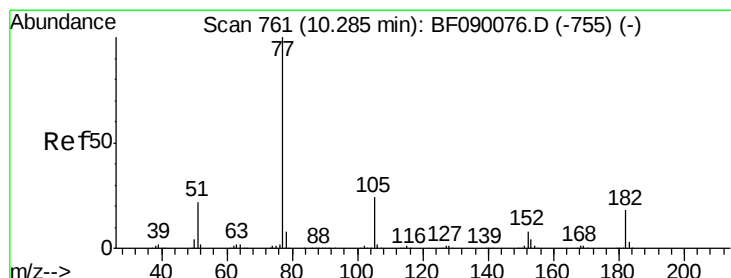
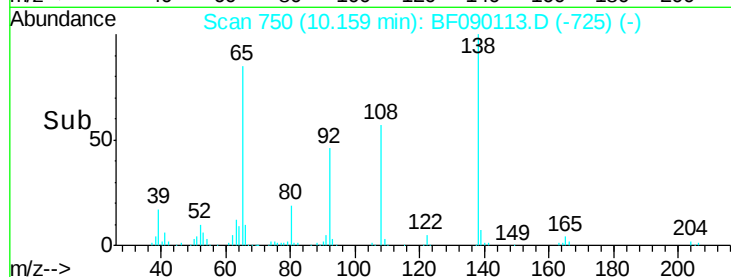
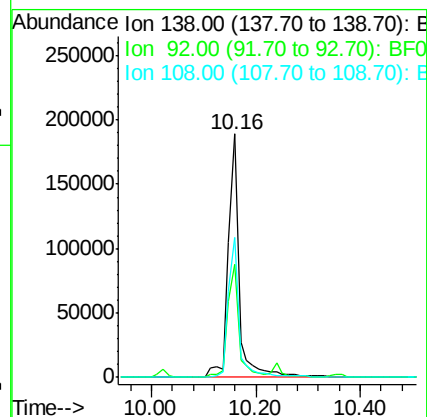
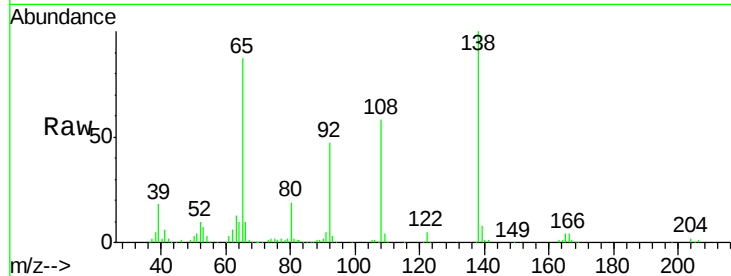




#61
4-Nitroaniline
Concen: 37.02 ng
RT: 10.16 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF090113.D
Acq: 16 Sep 2016 18:28

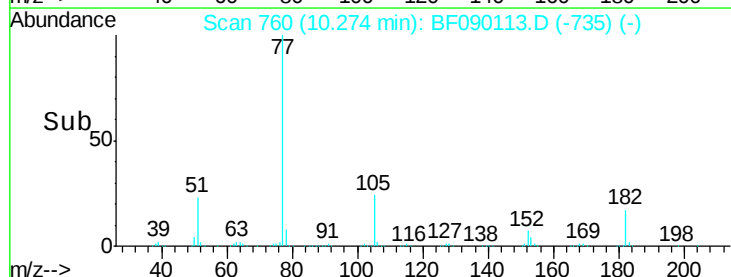
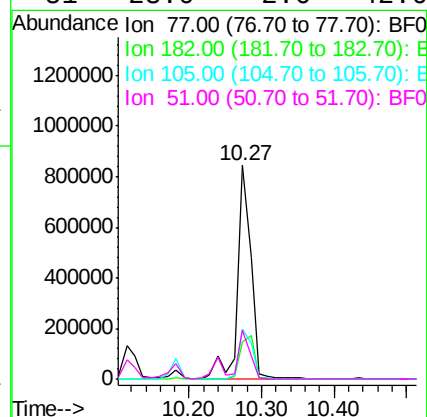
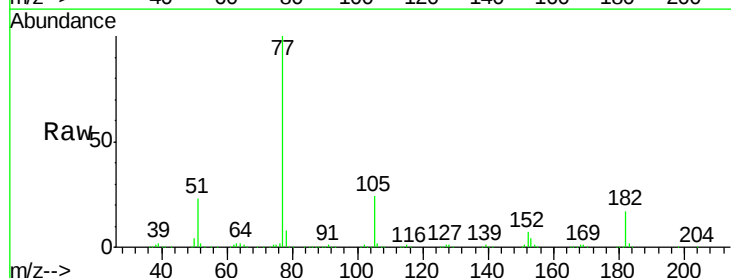
Instrument :
BNA_F
ClientSampleId :
SB-1-6-7MSD

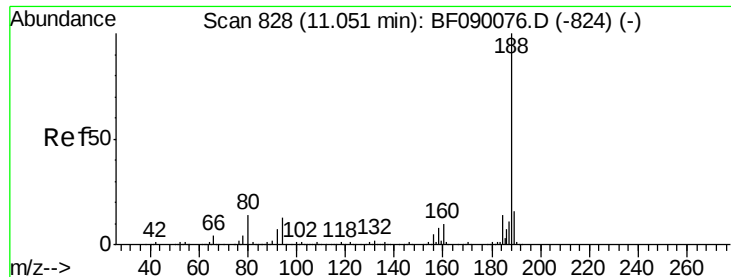
Tot Ion:138 Resp: 274794
Ion Ratio Lower Upper
138 100
92 46.6 23.8 63.8
108 57.5 35.0 75.0



#62
Azobenzene
Concen: 39.51 ng
RT: 10.27 min Scan# 760
Delta R.T. -0.01 min
Lab File: BF090113.D
Acq: 16 Sep 2016 18:28

Tgt Ion: 77 Resp: 1082792
Ion Ratio Lower Upper
77 100
182 17.4 0.0 38.4
105 23.6 3.8 43.8
51 23.0 2.6 42.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.04 min Scan# 827

Delta R.T. -0.01 min

Lab File: BF090113.D

Acq: 16 Sep 2016 18:28

Instrument :

BNA_F

ClientSampleId :

SB-1-6-7MSD

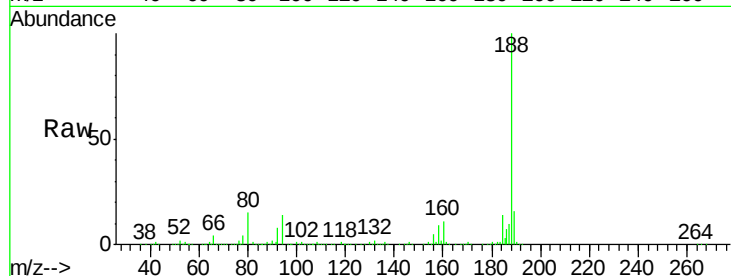
Tot Ion:188 Resp: 521127

Ion Ratio Lower Upper

188 100

94 14.2 10.5 15.7

80 15.2 11.2 16.8



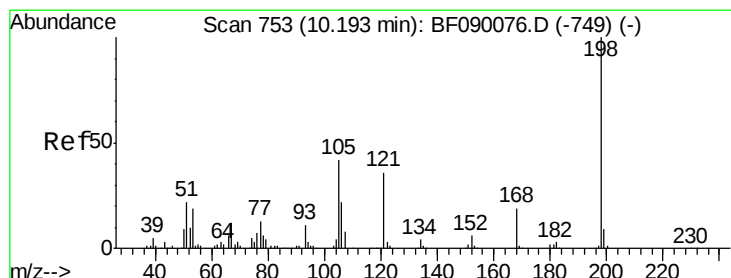
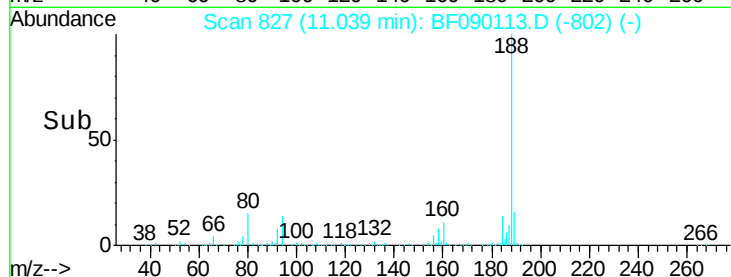
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

11.04

Time--> 10.95 11.00 11.05 11.10



#64

4,6-Dinitro-2-methylphenol

Concen: 39.53 ng

RT: 10.18 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF090113.D

Acq: 16 Sep 2016 18:28

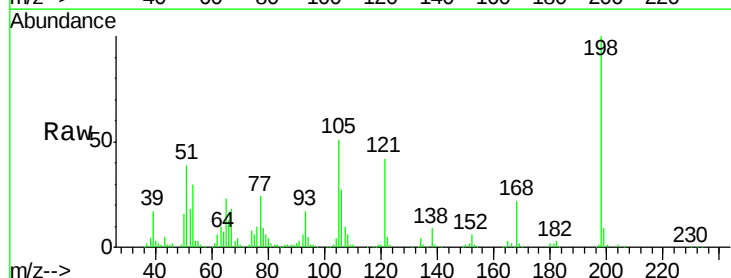
Tgt Ion:198 Resp: 138921

Ion Ratio Lower Upper

198 100

51 39.4 5.5 45.5

105 51.2 21.8 61.8



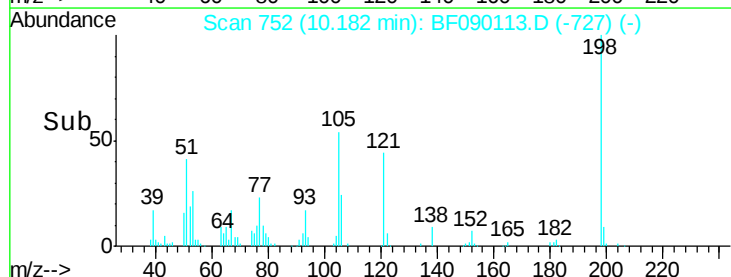
Abundance Ion 198.00 (197.70 to 198.70): E

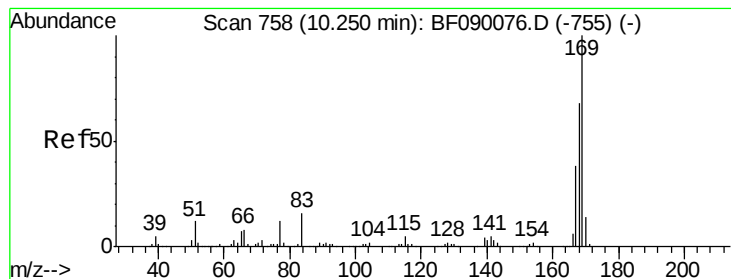
Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

10.18

Time--> 10.10 10.20 10.30





#65

n-Nitrosodiphenylamine

Concen: 46.45 ng

RT: 10.24 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF090113.D

Acq: 16 Sep 2016 18:28

Instrument :

BNA_F

ClientSampleId :

SB-1-6-7MSD

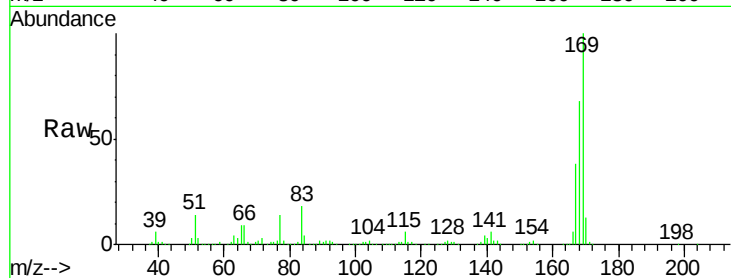
Tot Ion:169 Resp: 767012

Ion Ratio Lower Upper

169 100

168 68.0 54.2 81.4

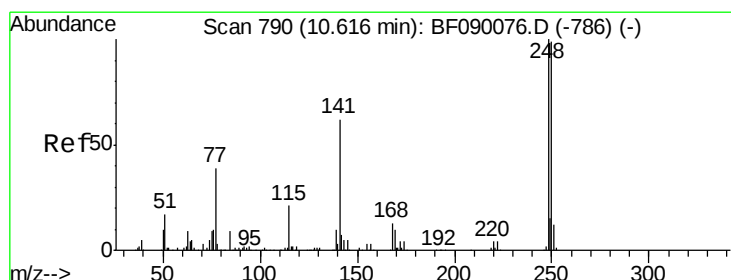
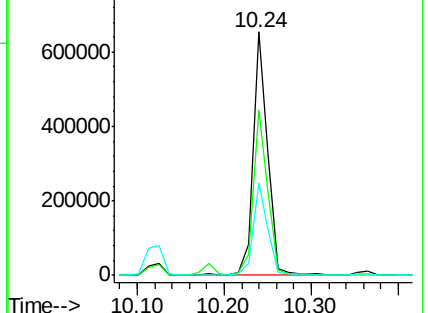
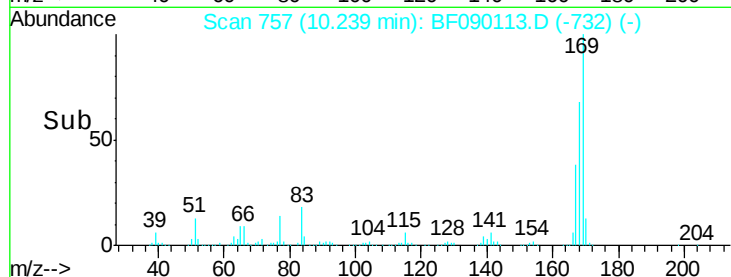
167 37.9 30.3 45.5



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: 50.81 ng

RT: 10.60 min Scan# 789

Delta R.T. -0.01 min

Lab File: BF090113.D

Acq: 16 Sep 2016 18:28

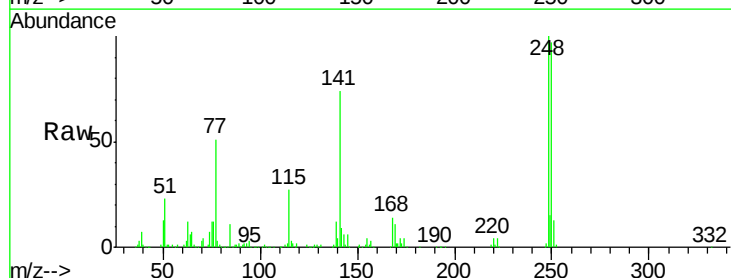
Tgt Ion:248 Resp: 255224

Ion Ratio Lower Upper

248 100

250 96.6 79.4 119.2

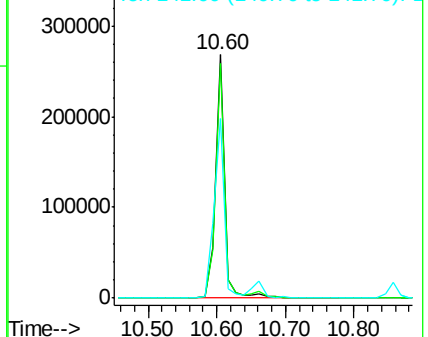
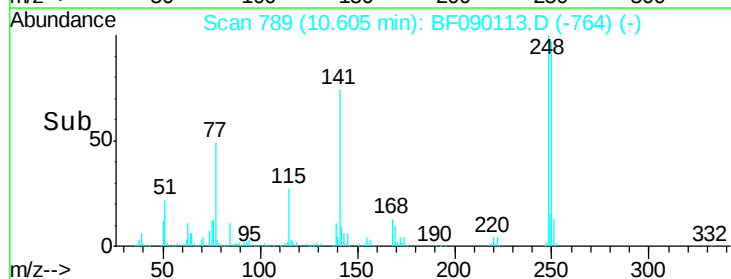
141 74.0 49.3 73.9#

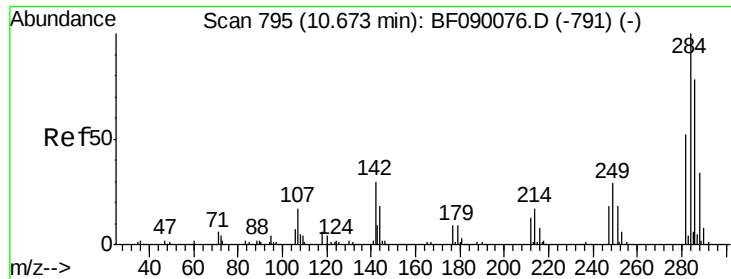


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

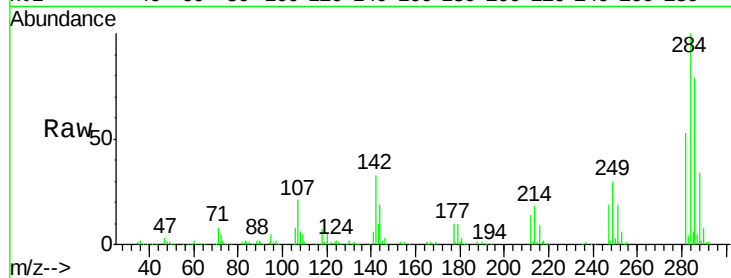




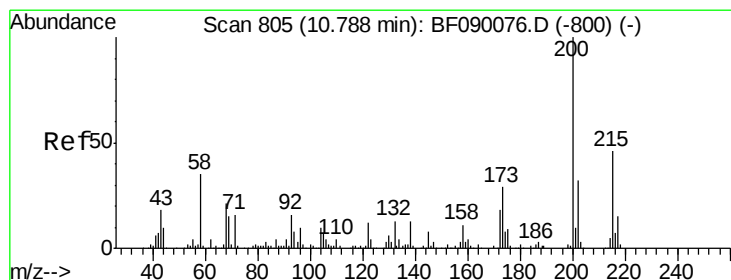
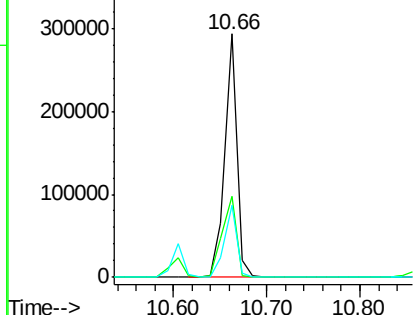
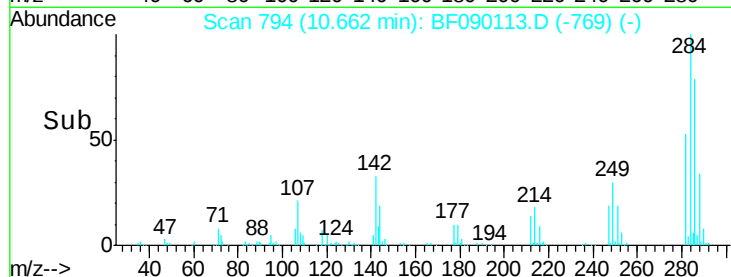
#67
Hexachlorobenzene
Concen: 44.79 ng
RT: 10.66 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF090113.D
Acq: 16 Sep 2016 18:28

Instrument :
BNA_F
ClientSampleId :
SB-1-6-7MSD

Tot Ion:284 Resp: 265120
Ion Ratio Lower Upper
284 100
142 33.3 24.0 36.0
249 29.8 23.8 35.6

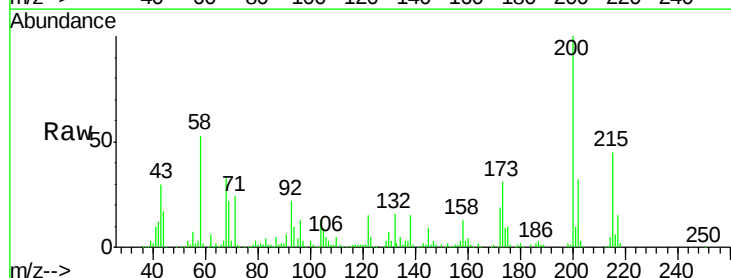


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

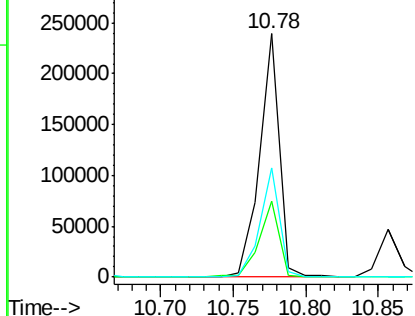
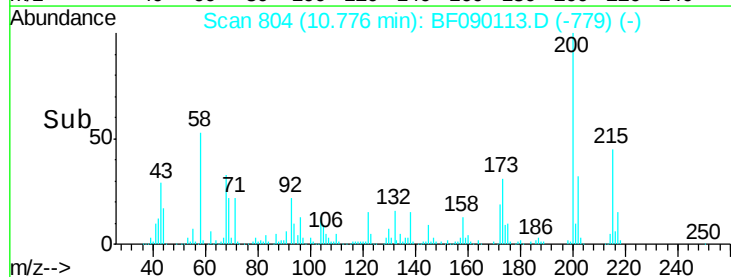


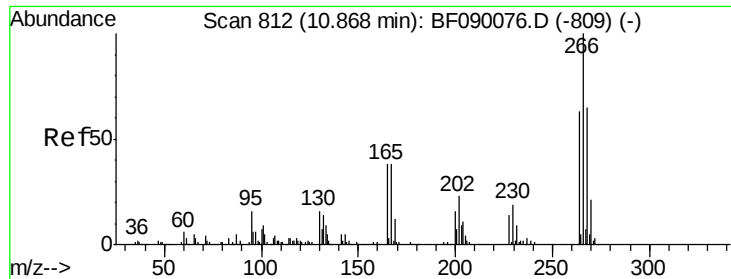
#68
Atrazine
Concen: 46.12 ng
RT: 10.78 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF090113.D
Acq: 16 Sep 2016 18:28

Tgt Ion:200 Resp: 226294
Ion Ratio Lower Upper
200 100
173 31.3 9.3 49.3
215 45.1 26.1 66.1



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

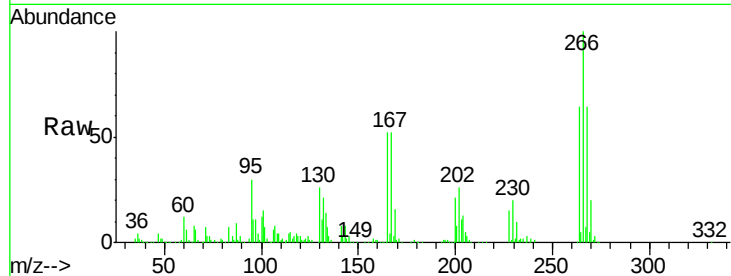




#69
 Pentachlorophenol
 Concen: 75.28 ng
 RT: 10.86 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF090113.D
 Acq: 16 Sep 2016 18:28

Instrument :
 BNA_F
 ClientSampleId :
 SB-1-6-7MSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.5	52.1	78.1
264	64.1	50.3	75.5

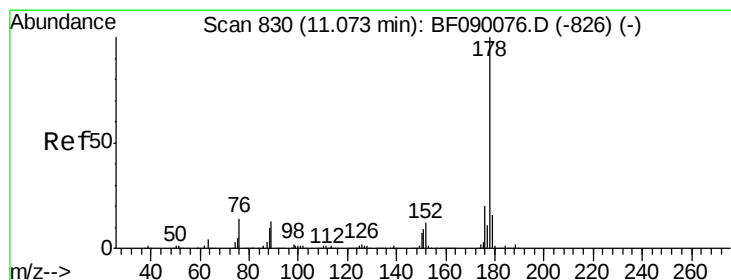
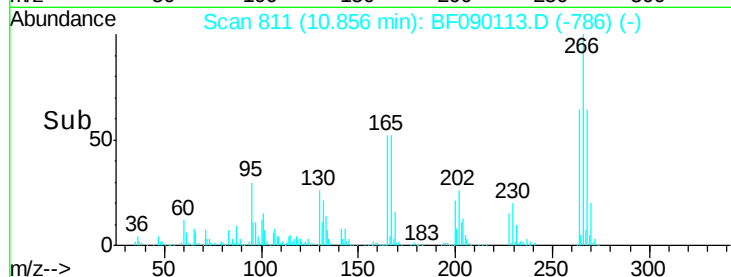
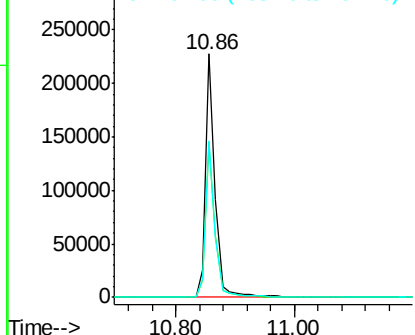


Abundance

Ion 265.70 (265.40 to 266.40): E

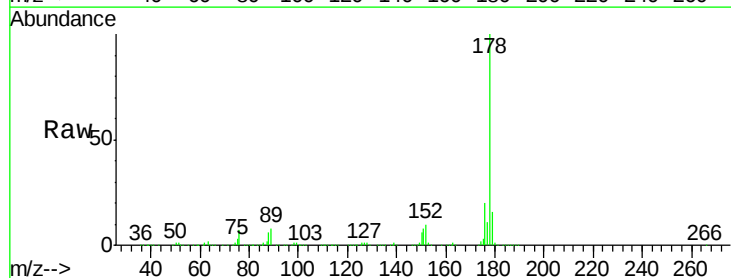
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 50.54 ng
 RT: 11.07 min Scan# 830
 Delta R.T. 0.00 min
 Lab File: BF090113.D
 Acq: 16 Sep 2016 18:28

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.9	23.9
179	15.5	12.9	19.3

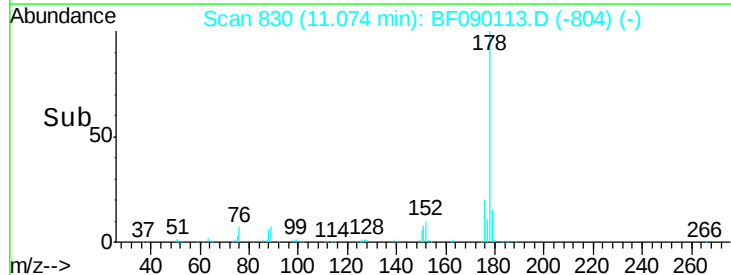
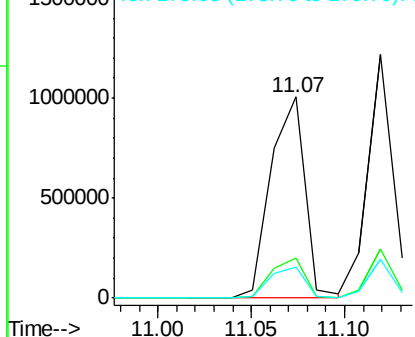


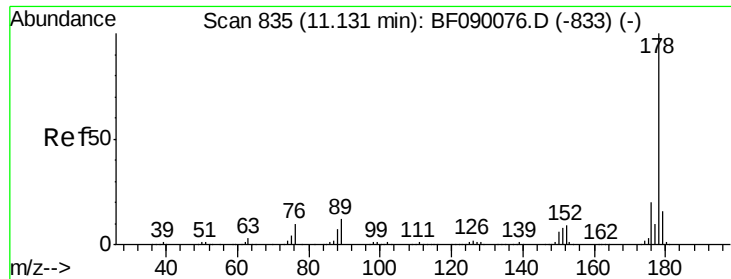
Abundance

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

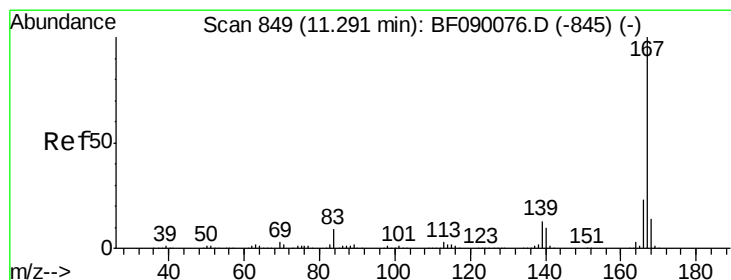
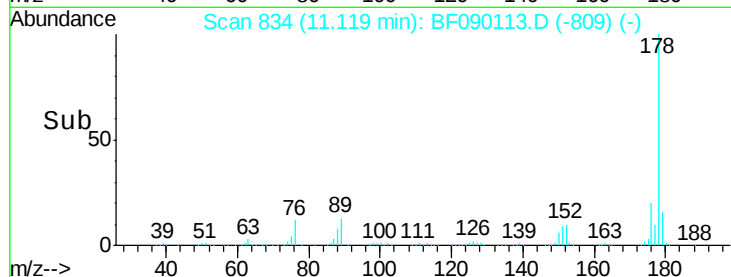
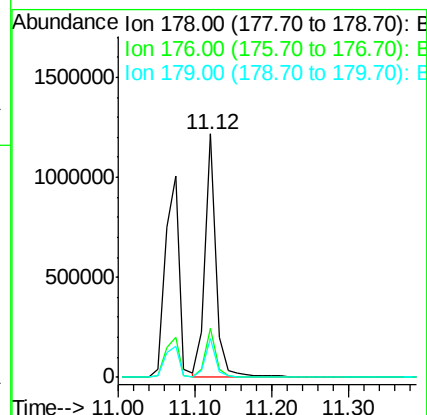
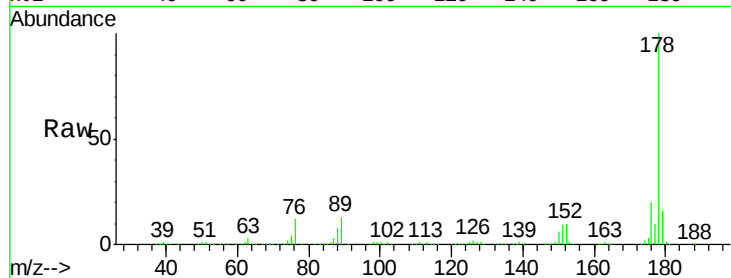




#71
 Anthracene
 Concen: 43.43 ng
 RT: 11.12 min Scan# 834
 Delta R.T. -0.01 min
 Lab File: BF090113.D
 Acq: 16 Sep 2016 18:28

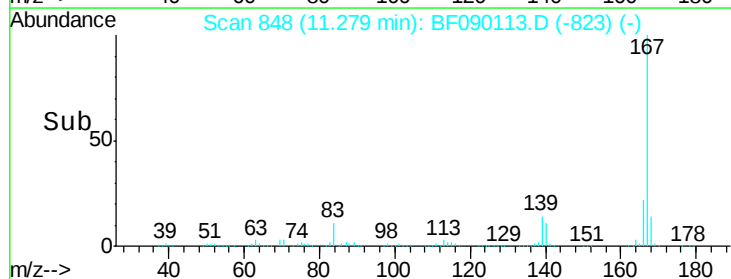
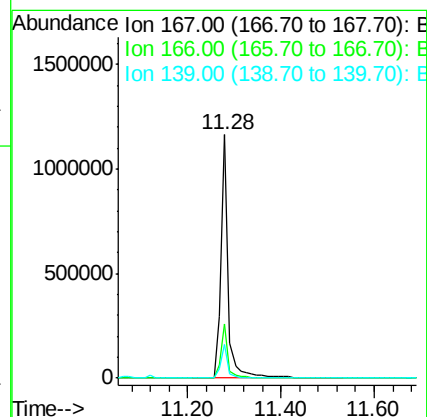
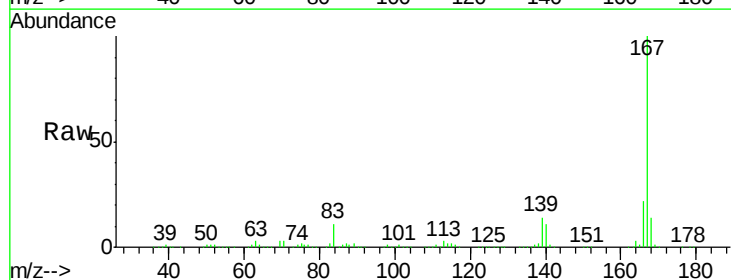
Instrument :
 BNA_F
 ClientSampleId :
 SB-1-6-7MSD

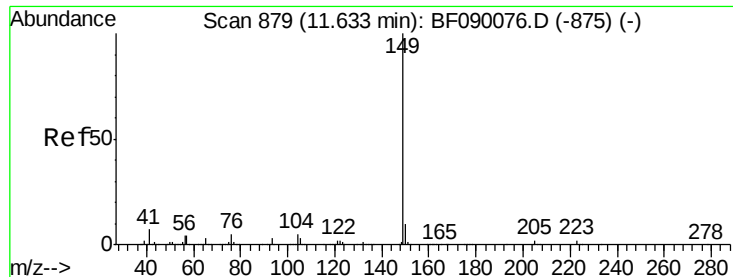
Tot Ion:178 Resp: 1194189
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.8 23.6
 179 16.1 12.6 19.0



#72
 Carbazole
 Concen: 45.21 ng
 RT: 11.28 min Scan# 848
 Delta R.T. -0.01 min
 Lab File: BF090113.D
 Acq: 16 Sep 2016 18:28

Tgt Ion:167 Resp: 1275159
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.0 27.0
 139 13.8 10.4 15.6





#73

Di-n-butylphthalate

Concen: 48.29 ng

RT: 11.62 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF090113.D

Acq: 16 Sep 2016 18:28

Instrument :

BNA_F

ClientSampleId :

SB-1-6-7MSD

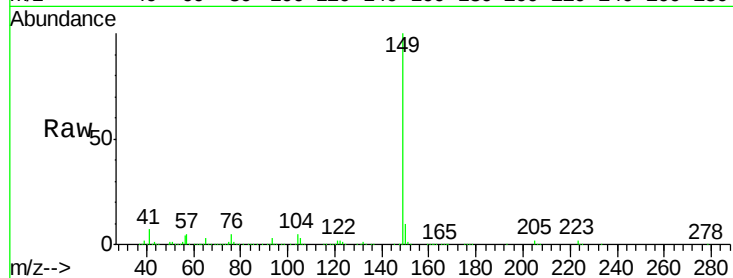
Tot Ion:149 Resp: 1527540

Ion Ratio Lower Upper

149 100

150 10.0 7.8 11.8

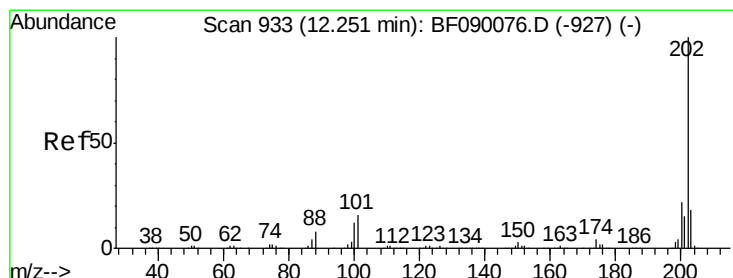
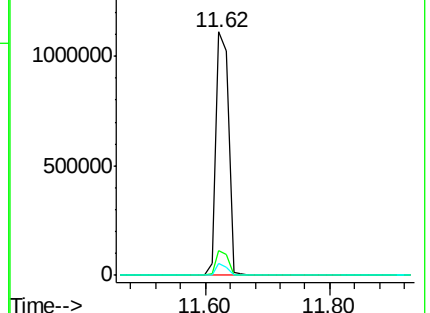
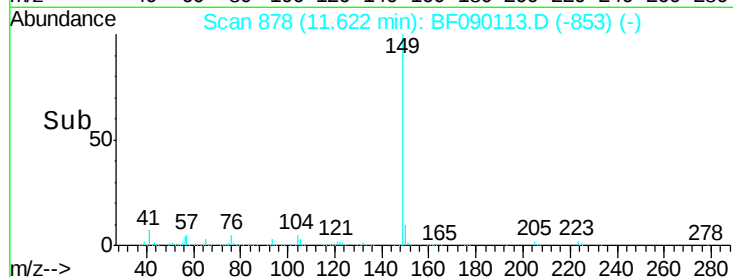
104 5.1 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.94 ng

RT: 12.24 min Scan# 932

Delta R.T. -0.01 min

Lab File: BF090113.D

Acq: 16 Sep 2016 18:28

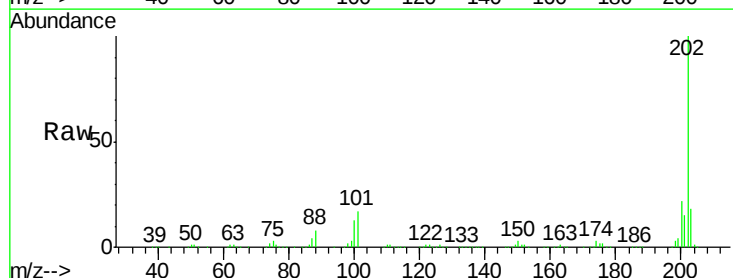
Tgt Ion:202 Resp: 1132944

Ion Ratio Lower Upper

202 100

101 16.8 0.0 36.1

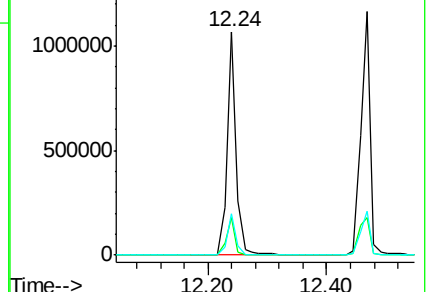
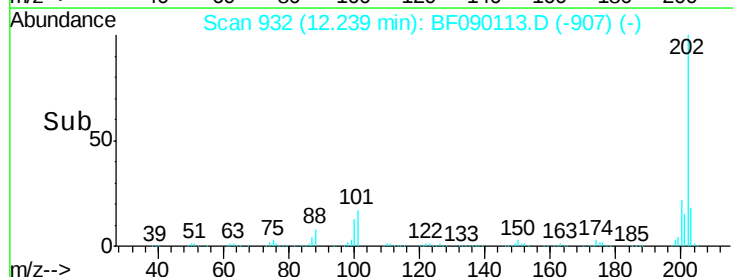
203 18.3 0.0 38.2

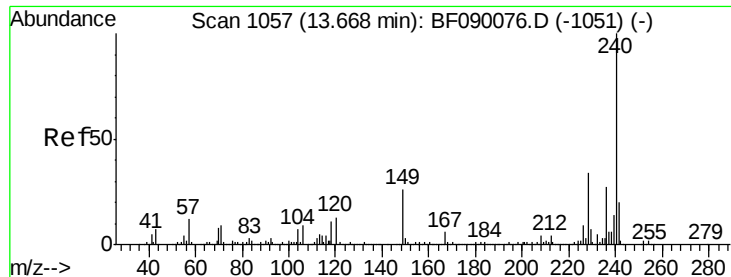


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.66 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BF090113.D

Acq: 16 Sep 2016 18:28

Instrument :

BNA_F

ClientSampleId :

SB-1-6-7MSD

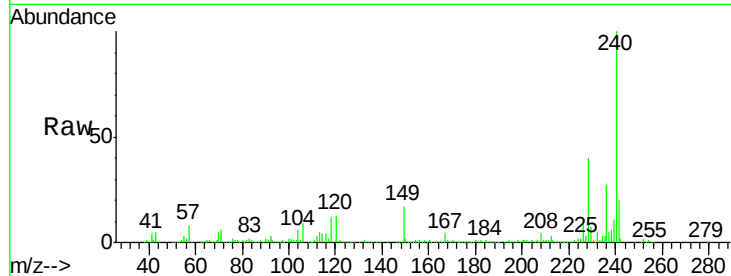
Tot Ion:240 Resp: 377951

Ion Ratio Lower Upper

240 100

120 13.5 10.6 16.0

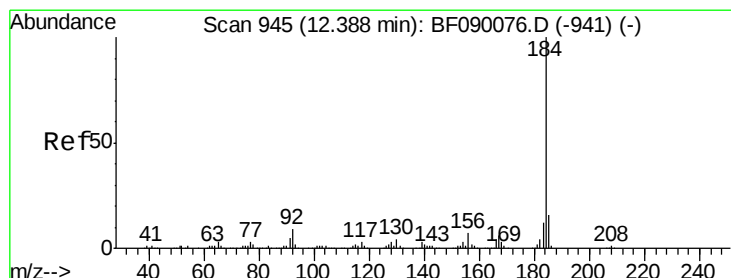
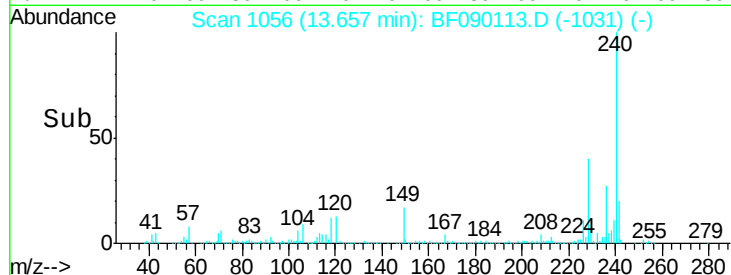
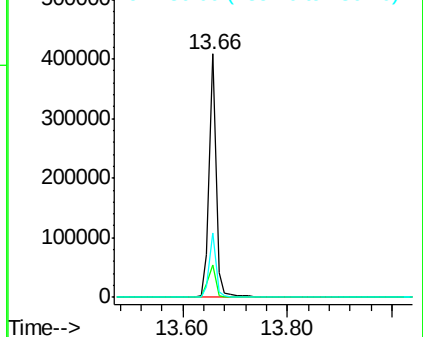
236 26.6 21.6 32.4



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: 35.54 ng

RT: 12.38 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF090113.D

Acq: 16 Sep 2016 18:28

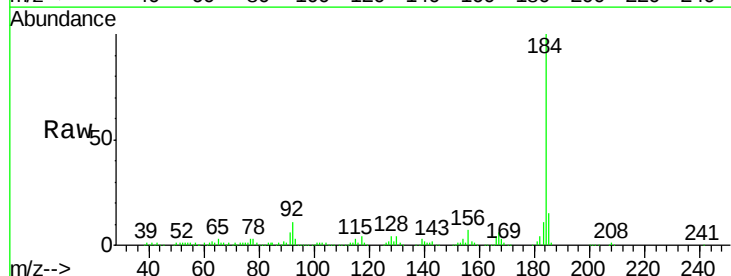
Tgt Ion:184 Resp: 547866

Ion Ratio Lower Upper

184 100

185 15.0 13.2 19.8

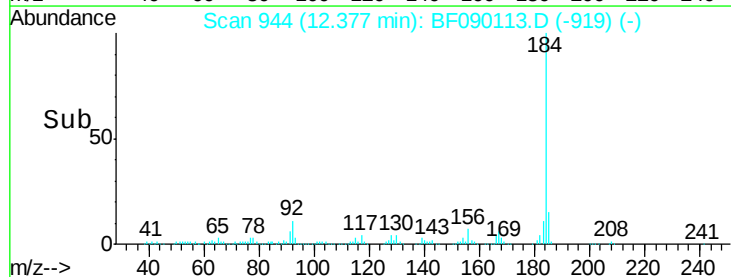
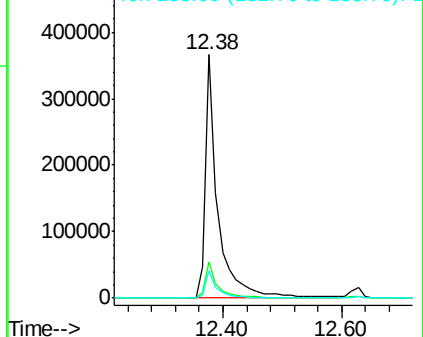
183 11.4 9.2 13.8

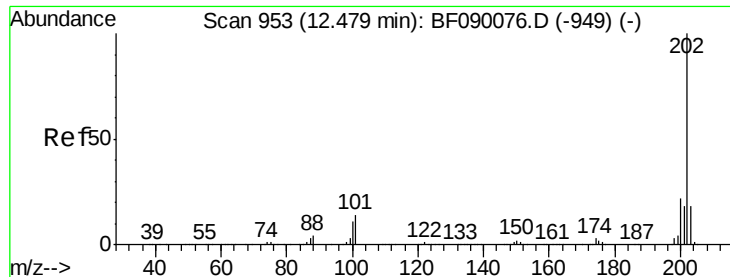


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

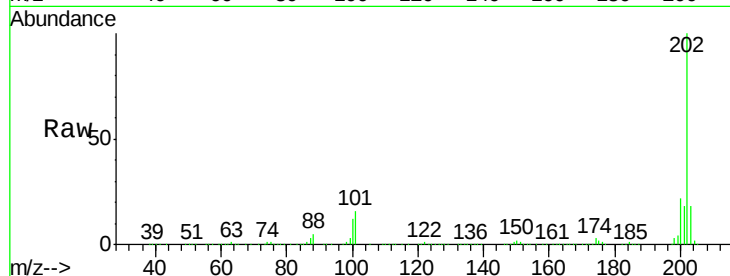




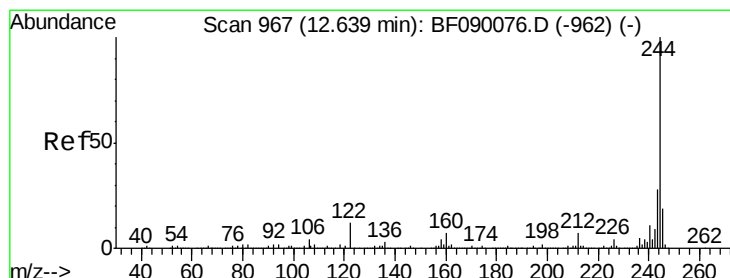
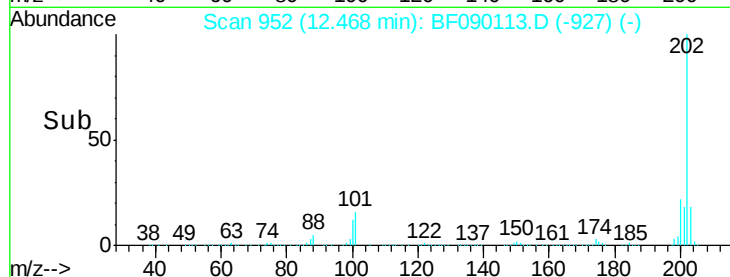
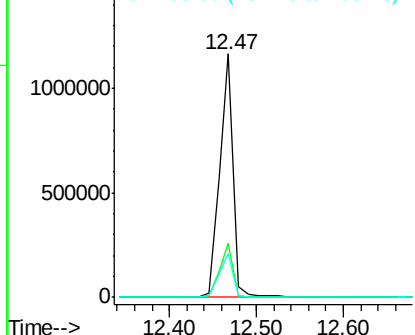
#77
Pvrene
Concen: 45.87 ng
RT: 12.47 min Scan# 952
Delta R.T. -0.01 min
Lab File: BF090113.D
Acq: 16 Sep 2016 18:28

Instrument :
BNA_F
ClientSampleId :
SB-1-6-7MSD

Tot Ion:202 Resp: 1265354
Ion Ratio Lower Upper
202 100
200 22.4 17.9 26.9
203 17.8 14.2 21.4

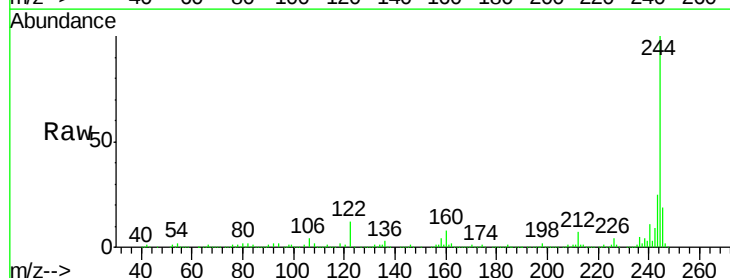


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

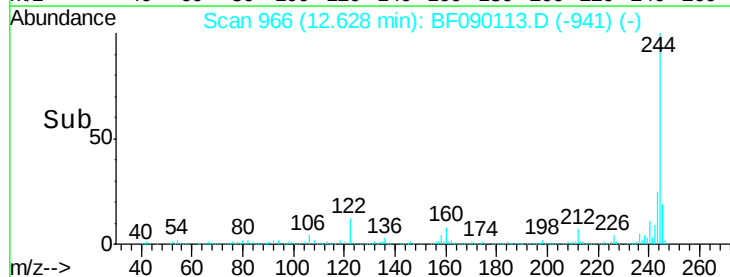
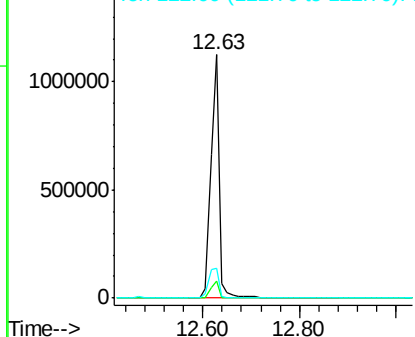


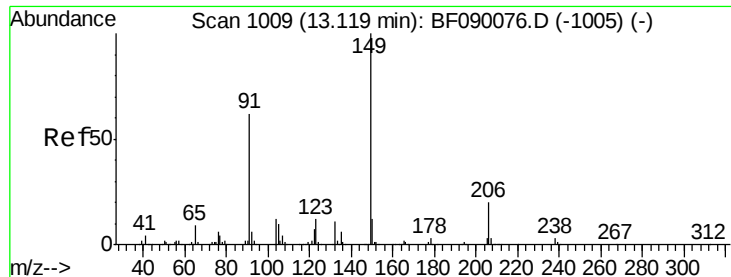
#78
Terphenyl-d14
Concen: 86.39 ng
RT: 12.63 min Scan# 966
Delta R.T. -0.01 min
Lab File: BF090113.D
Acq: 16 Sep 2016 18:28

Tgt Ion:244 Resp: 1374914
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.8
122 12.4 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

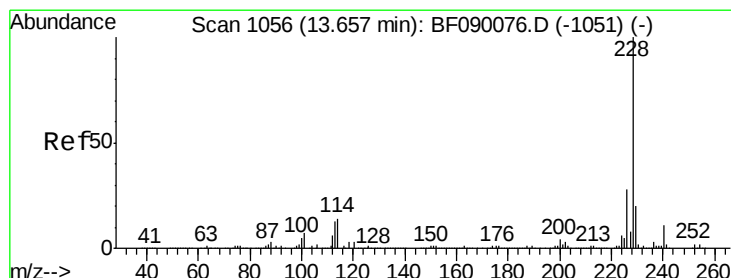
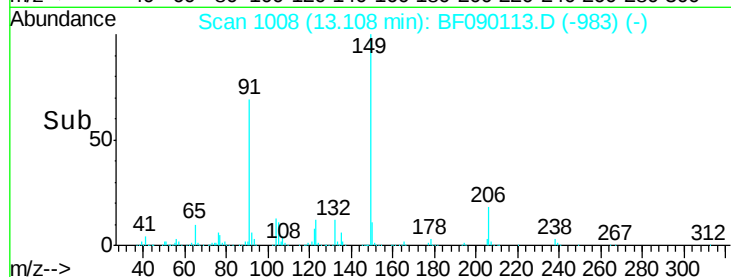
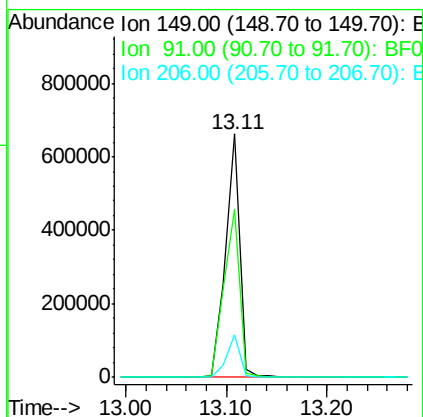
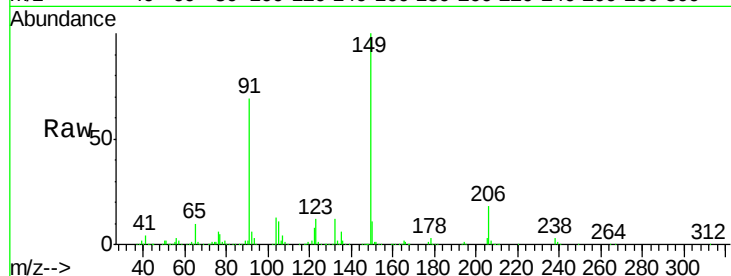




#79
Butylbenzylphthalate
Concen: 47.77 ng
RT: 13.11 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF090113.D
Acq: 16 Sep 2016 18:28

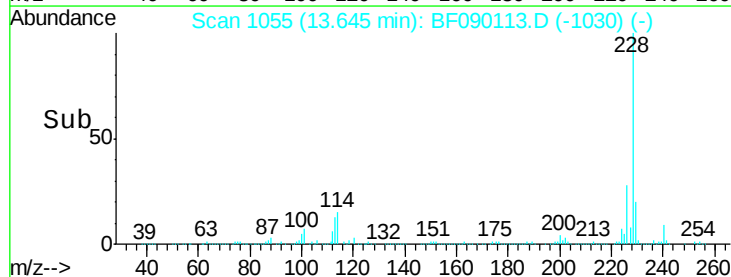
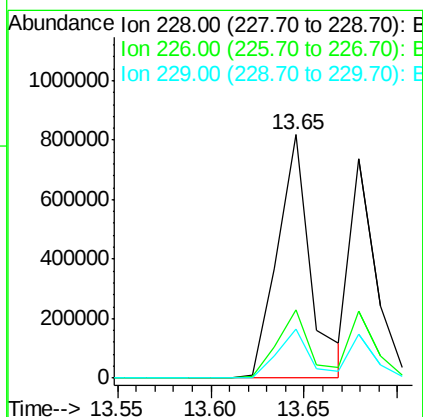
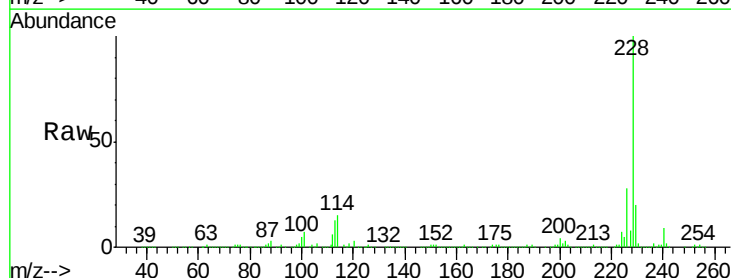
Instrument :
BNA_F
ClientSampleId :
SB-1-6-7MSD

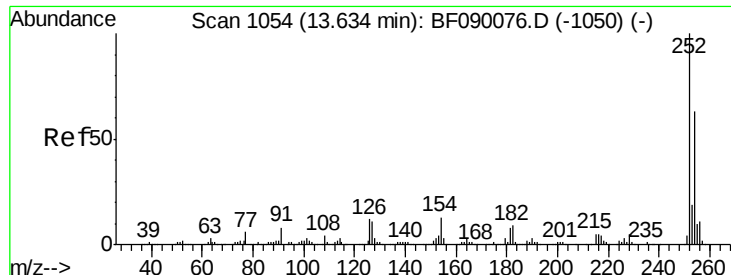
Tot Ion:149 Resp: 656158
Ion Ratio Lower Upper
149 100
91 68.9 49.8 74.6
206 17.8 16.3 24.5



#80
Benzo(a)anthracene
Concen: 45.85 ng
RT: 13.65 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BF090113.D
Acq: 16 Sep 2016 18:28

Tgt Ion:228 Resp: 1011584
Ion Ratio Lower Upper
228 100
226 27.8 22.0 33.0
229 20.0 16.2 24.2

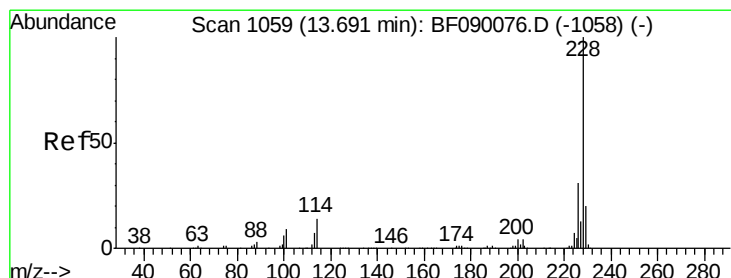
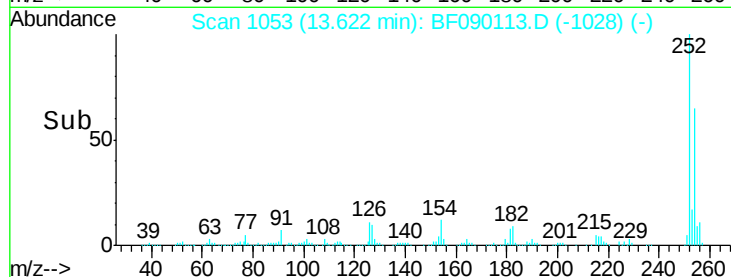
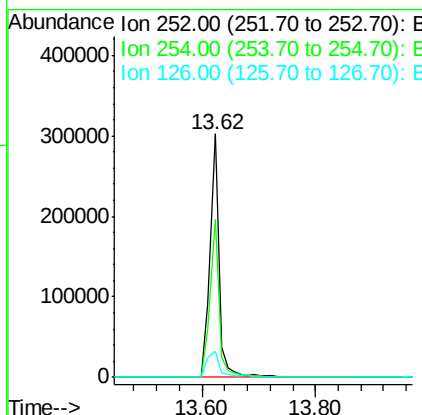
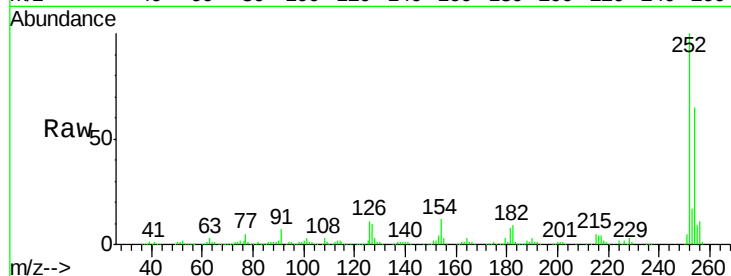




#81
 3,3'-Dichlorobenzidine
 Concen: 35.12 ng
 RT: 13.62 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: BF090113.D
 Acq: 16 Sep 2016 18:28

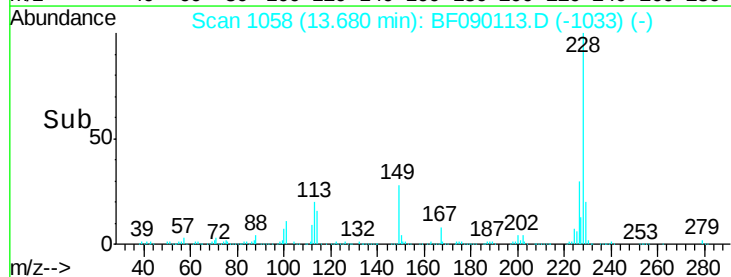
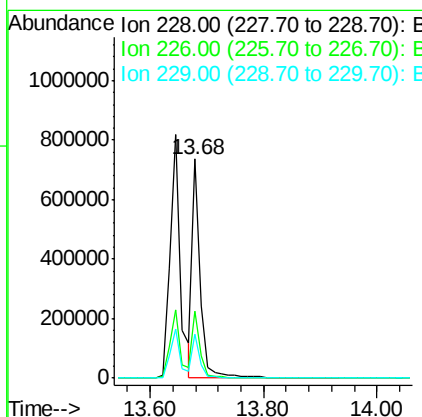
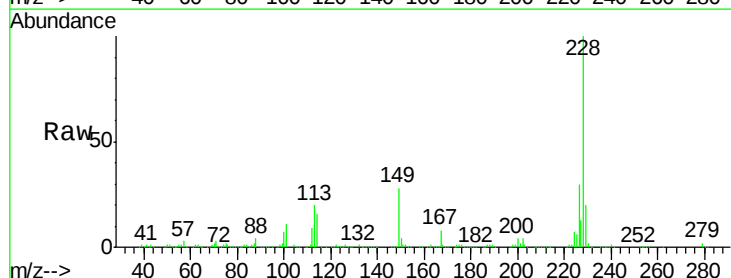
Instrument :
 BNA_F
 ClientSampleId :
 SB-1-6-7MSD

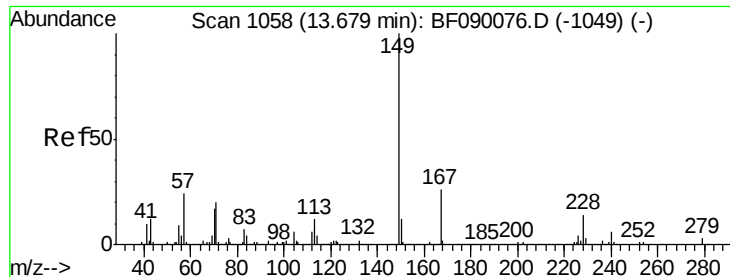
Tot Ion:252 Resp: 324722
 Ion Ratio Lower Upper
 252 100
 254 64.8 50.7 76.1
 126 10.7 9.2 13.8



#82
 Chrysene
 Concen: 36.45 ng
 RT: 13.68 min Scan# 1058
 Delta R.T. -0.01 min
 Lab File: BF090113.D
 Acq: 16 Sep 2016 18:28

Tgt Ion:228 Resp: 754337
 Ion Ratio Lower Upper
 228 100
 226 30.5 24.6 37.0
 229 20.1 16.2 24.4

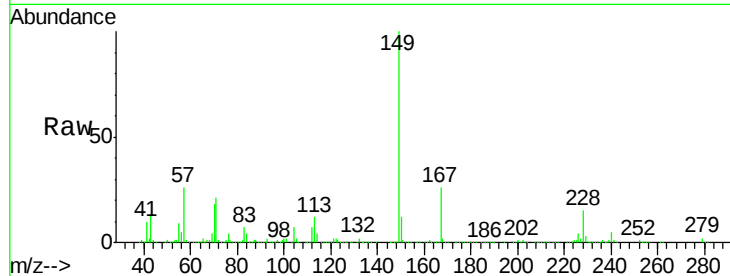




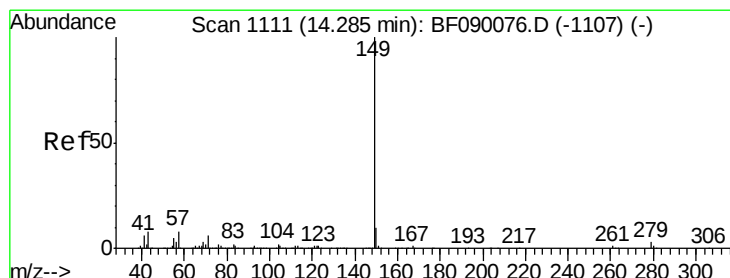
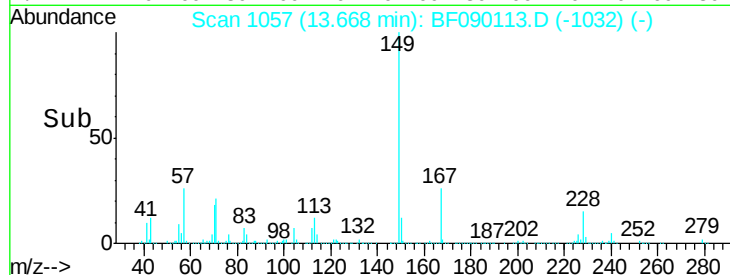
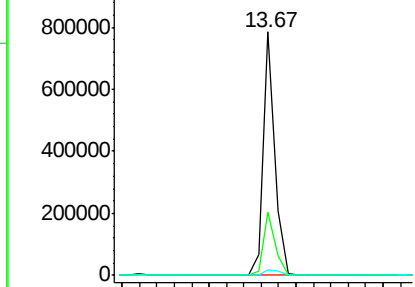
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.88 ng
 RT: 13.67 min Scan# 1057
 Delta R.T. -0.01 min
 Lab File: BF090113.D
 Acq: 16 Sep 2016 18:28

Instrument :
 BNA_F
 ClientSampleId :
 SB-1-6-7MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.2	21.2	31.8
279	2.4	2.2	3.2

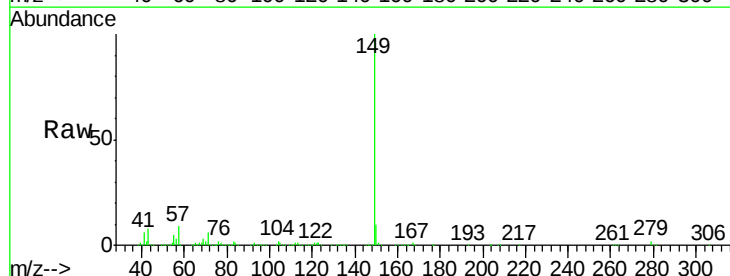


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

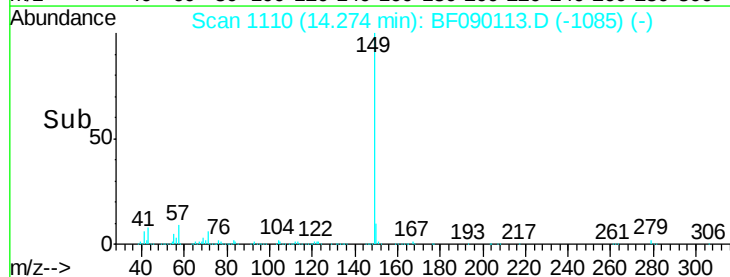
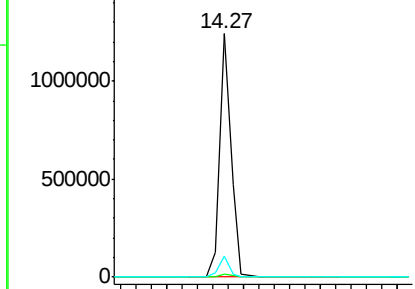


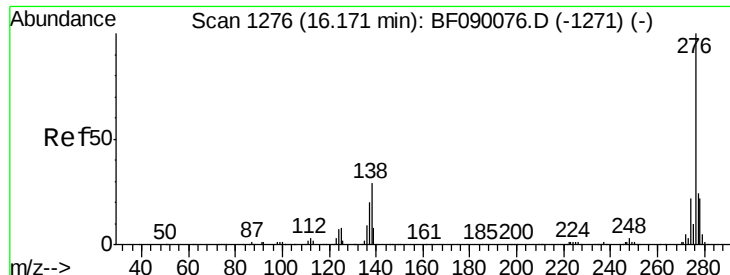
#84
 Di-n-octyl phthalate
 Concen: 42.68 ng
 RT: 14.27 min Scan# 1110
 Delta R.T. -0.01 min
 Lab File: BF090113.D
 Acq: 16 Sep 2016 18:28

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



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0

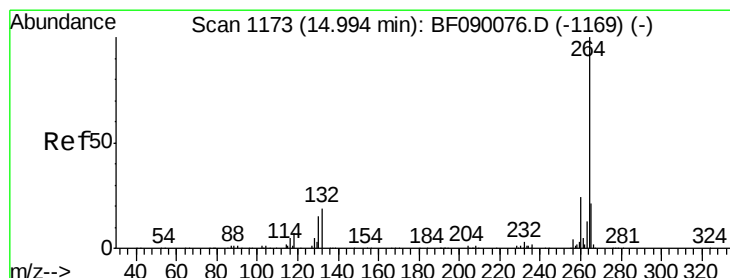
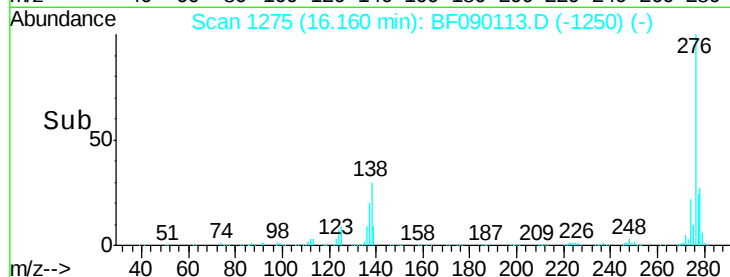
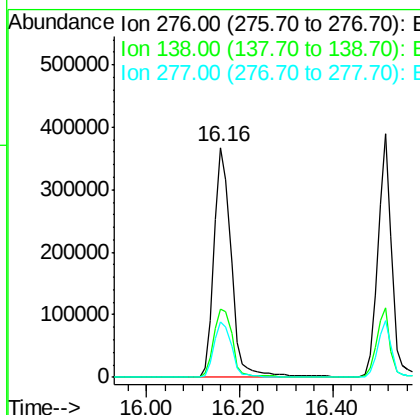
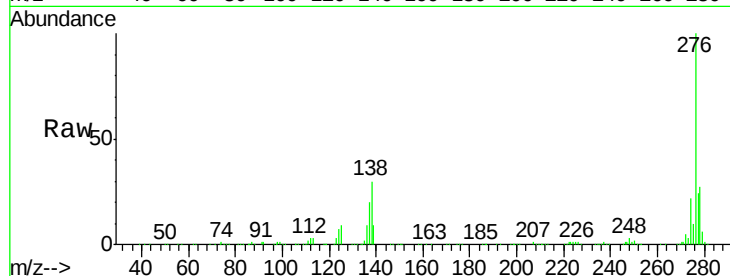




#85
Indeno(1,2,3-cd)pyrene
Concen: 52.86 ng
RT: 16.16 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BF090113.D
Acq: 16 Sep 2016 18:28

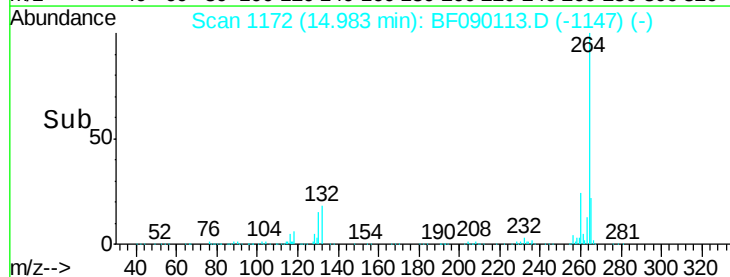
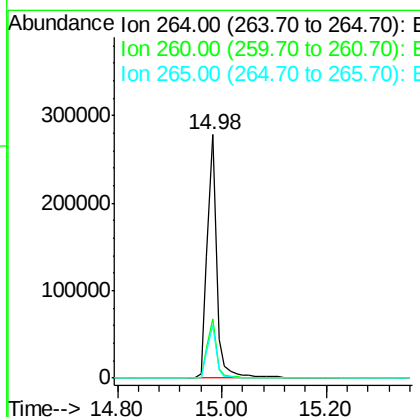
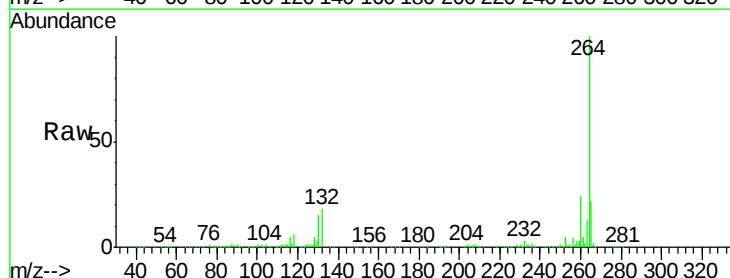
Instrument :
BNA_F
ClientSampleId :
SB-1-6-7MSD

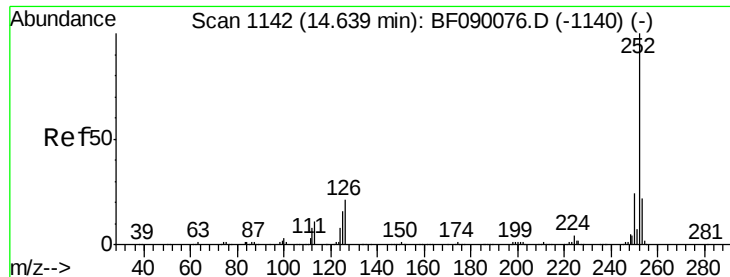
Tot Ion:276 Resp: 950446
Ion Ratio Lower Upper
276 100
138 32.6 25.9 38.9
277 25.1 19.9 29.9



#86
Perylene-d12
Concen: 20.00 ng
RT: 14.98 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BF090113.D
Acq: 16 Sep 2016 18:28

Tgt Ion:264 Resp: 353223
Ion Ratio Lower Upper
264 100
260 24.3 19.5 29.3
265 21.6 17.0 25.4





#87

Benzo(b)fluoranthene

Concen: 52.05 ng m

RT: 14.64 min Scan# 1142

Delta R.T. 0.00 min

Lab File: BF090113.D

Acq: 16 Sep 2016 18:28

Instrument :

BNA_F

ClientSampleId :

SB-1-6-7MSD

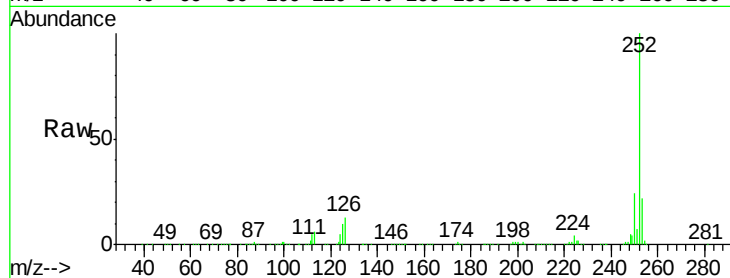
Tot Ion:252 Resp: 1077878

Ion Ratio Lower Upper

252 100

253 22.0 17.9 26.9

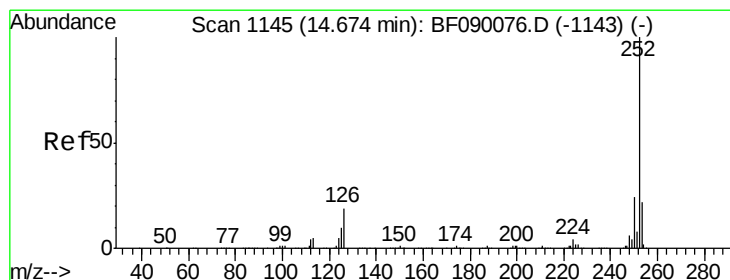
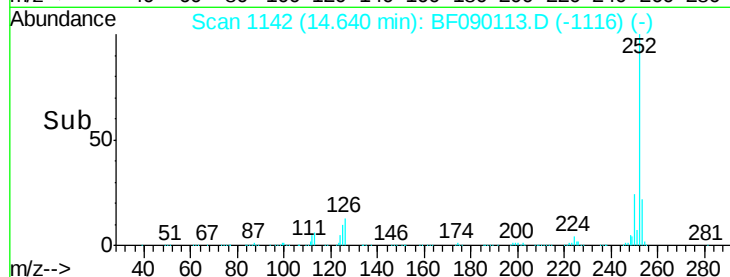
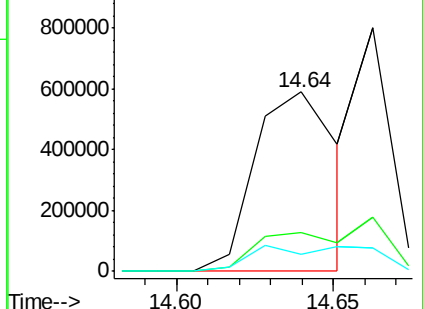
125 9.7 12.7 19.1#



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: 36.02 ng m

RT: 14.66 min Scan# 1144

Delta R.T. -0.01 min

Lab File: BF090113.D

Acq: 16 Sep 2016 18:28

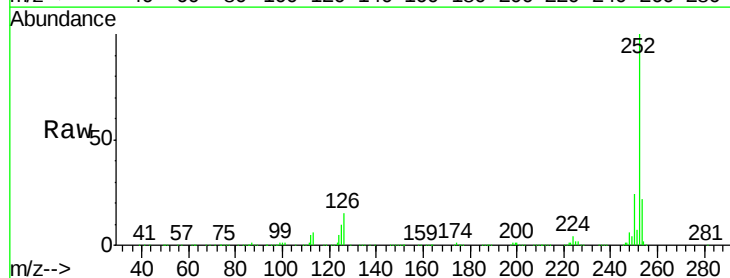
Tgt Ion:252 Resp: 671550

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.8

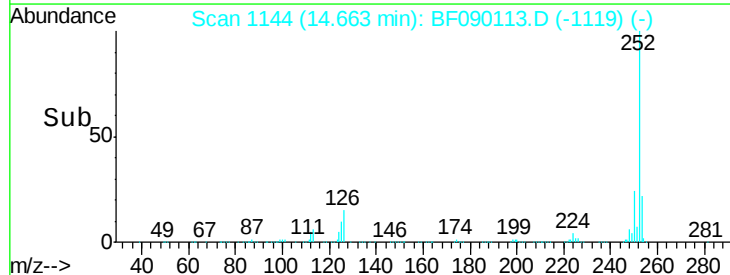
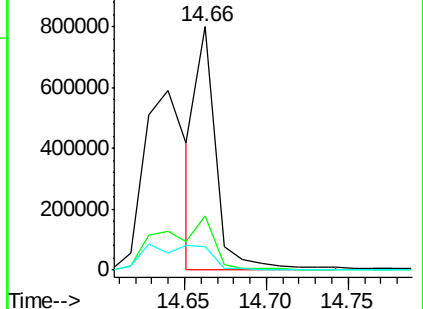
125 9.8 7.8 11.6

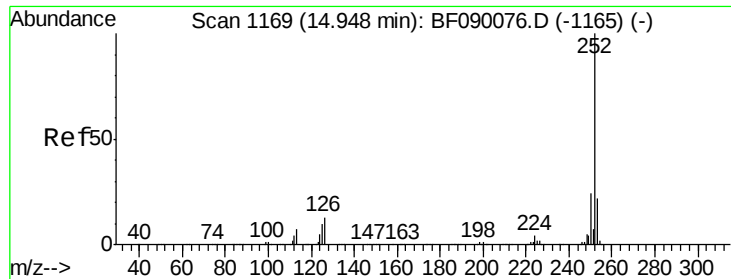


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

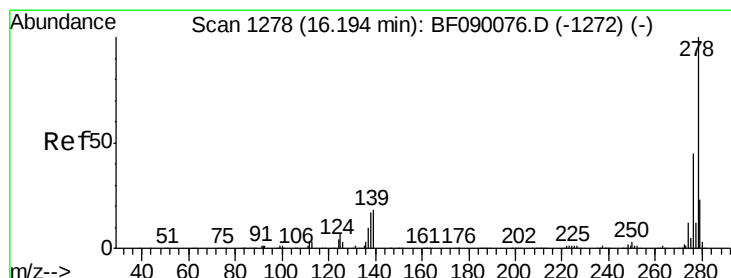
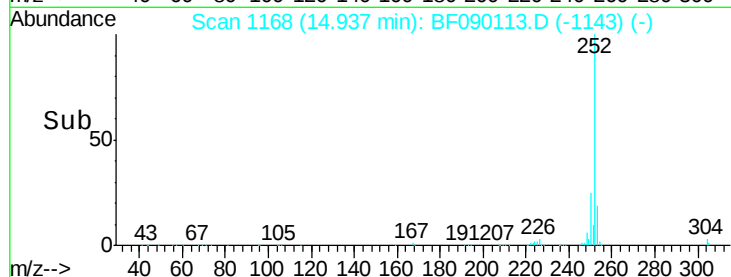
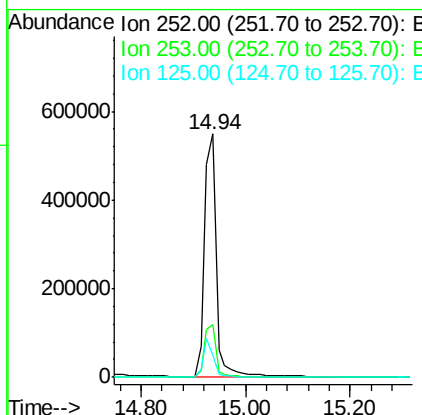
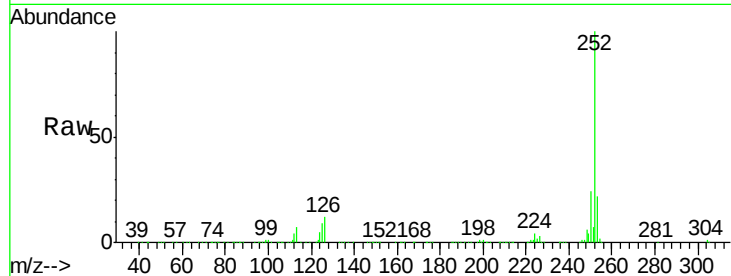




#89
Benzo(a)pyrene
Concen: 46.31 ng
RT: 14.94 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF090113.D
Acq: 16 Sep 2016 18:28

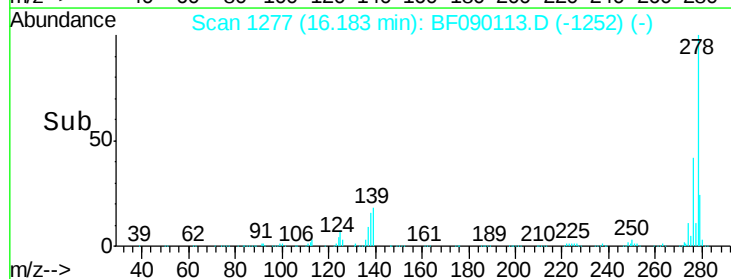
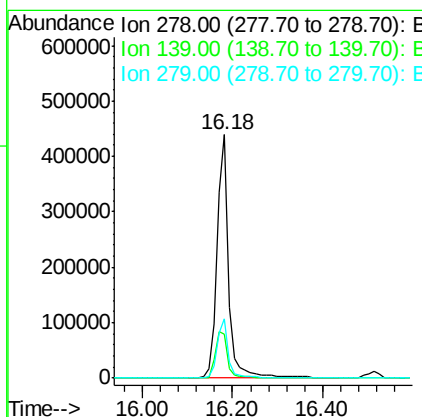
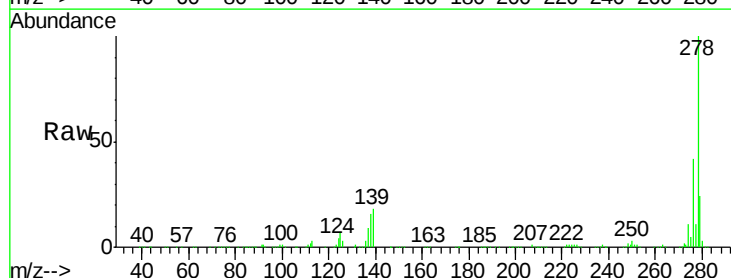
Instrument :
BNA_F
ClientSampleId :
SB-1-6-7MSD

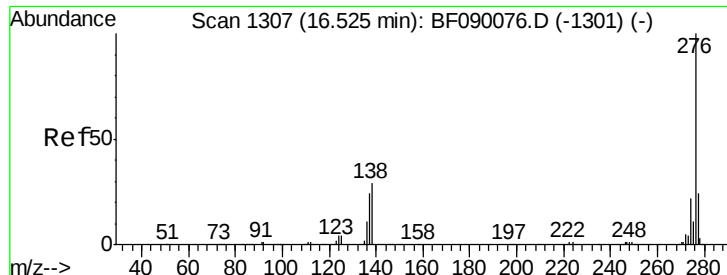
Tot Ion:252 Resp: 860017
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.0
125 9.1 7.7 11.5



#90
Dibenzo(a,h)anthracene
Concen: 54.26 ng
RT: 16.18 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF090113.D
Acq: 16 Sep 2016 18:28

Tgt Ion:278 Resp: 789137
Ion Ratio Lower Upper
278 100
139 18.1 14.6 21.8
279 24.4 18.8 28.2

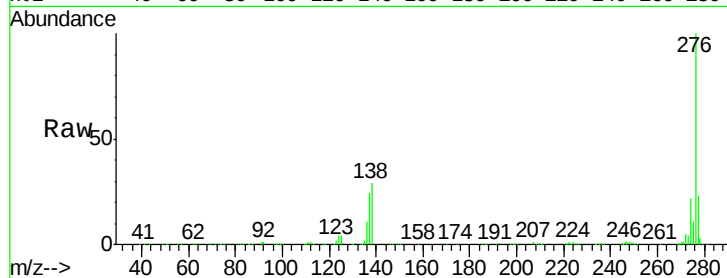




#91
 Benzo(a,h,i)perylene
 Concen: 57.93 ng
 RT: 16.51 min Scan# 1306
 Delta R.T. -0.01 min
 Lab File: BF090113.D
 Acq: 16 Sep 2016 18:28

Instrument :
 BNA_F
 ClientSampleId :
 SB-1-6-7MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.9	28.3
138	28.7	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

