

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121316\
 Data File : BF091574.D
 Acq On : 14 Dec 2016 2:25
 Operator : UM/SJ
 Sample : H5922-02MS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC120716MS

Quant Time: Dec 14 04:16:03 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 19:00:21 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	309440	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	1216015	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	572855	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	854646	20.00	ng	0.00
75) Chrysene-d12	13.96	240	508988	20.00	ng	0.00
86) Perylene-d12	15.38	264	626043	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	1861651	101.36	ng	0.02
7) Phenol-d6	6.46	99	2222462	97.06	ng	0.01
23) Nitrobenzene-d5	7.38	82	1389378	63.77	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	630654	132.54	ng	0.01
44) 2-Fluorobiphenyl	9.18	172	2402091	72.45	ng	0.00
78) Terphenyl-d14	12.92	244	2258301	100.68	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	270686	27.92	ng	# 70
3) Pyridine	3.21	79	760101	29.43	ng	# 84
4) n-Nitrosodimethylamine	3.15	42	354838	31.98	ng	# 58
6) Aniline	6.48	93	439403	14.64	ng	# 40
8) 2-Chlorophenol	6.60	128	706585	34.08	ng	94
9) Benzaldehyde	6.59	77	45994	2.92	ng	92
10) Phenol	6.48	94	795334	29.71	ng	91
11) bis(2-Chloroethyl)ether	6.56	93	757432	37.66	ng	85
12) 1,3-Dichlorobenzene	6.99	146	683251	30.39	ng	96
13) 1,4-Dichlorobenzene	6.83	146	711765	32.10	ng	97
14) 1,2-Dichlorobenzene	6.83	146	711765	35.62	ng	98
15) Benzyl Alcohol	6.96	79	605783	33.51	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.10	45	1069970	34.33	ng	82
17) 2-Methylphenol	7.08	107	592994	34.57	ng	# 76
18) Hexachloroethane	7.33	117	260194	30.07	ng	98
19) n-Nitroso-di-n-propylamine	7.23	70	483052	33.74	ng	# 83
20) 3+4-Methylphenols	7.23	107	687592	36.53	ng	# 56
22) Acetophenone	7.23	105	1014518	34.82	ng	97
24) Nitrobenzene	7.40	77	850279	36.94	ng	# 82
25) Isophorone	7.64	82	1468216	37.91	ng	99
26) 2-Nitrophenol	7.72	139	374017	36.81	ng	# 64
27) 2,4-Dimethylphenol	7.77	122	641400	35.94	ng	90
28) bis(2-Chloroethoxy)methane	7.86	93	897682	39.51	ng	# 98
29) 2,4-Dichlorophenol	7.96	162	581190	37.43	ng	99
30) 1,2,4-Trichlorobenzene	8.04	180	590582	33.47	ng	99
31) Naphthalene	8.12	128	1950093	34.47	ng	99
32) Benzoic acid	7.88	122	418825	34.27	ng	91
33) 4-Chloroaniline	8.17	127	204114	8.37	ng	97
34) Hexachlorobutadiene	8.25	225	335141	33.13	ng	99
35) Caprolactam	8.54	113	161417	35.60	ng	# 35
36) 4-Chloro-3-methylphenol	8.67	107	676673	38.86	ng	# 82
37) 2-Methylnaphthalene	8.82	142	1310658	35.79	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	529019	33.67	ng	98
40) Hexachlorocyclopentadiene	8.97	237	403674	57.63	ng	100

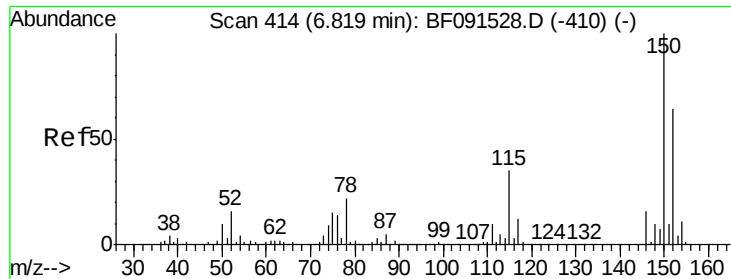
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121316\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	406225	40.24	ng	97
43) 2,4,5-Trichlorophenol	9.14	196	418438	40.33	ng	# 86
45) 1,1'-Biphenyl	9.28	154	1533175	36.95	ng	98
46) 2-Chloronaphthalene	9.30	162	1171323	36.46	ng	99
47) 2-Nitroaniline	9.40	65	454847	42.10	ng	# 81
48) Acenaphthylene	9.71	152	1898030	38.75	ng	99
49) Dimethylphthalate	9.58	163	1679812	46.31	ng	99
50) 2,6-Dinitrotoluene	9.64	165	374704	47.07	ng	# 82
51) Acenaphthene	9.88	154	1283713	37.74	ng	97
52) 3-Nitroaniline	9.80	138	154862	16.56	ng	94
53) 2,4-Dinitrophenol	9.92	184	237101	57.94	ng	# 75
54) Dibenzofuran	10.06	168	1746167	41.49	ng	90
55) 4-Nitrophenol	9.98	139	599515	86.16	ng	# 64
56) 2,4-Dinitrotoluene	10.04	165	463197	46.42	ng	# 68
57) Fluorene	10.40	166	1241081	40.80	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.18	232	366375	45.11	ng	94
59) Diethylphthalate	10.28	149	1600667	45.83	ng	96
60) 4-Chlorophenyl-phenylether	10.40	204	635503	41.99	ng	# 91
61) 4-Nitroaniline	10.42	138	322113	34.66	ng	95
62) Azobenzene	10.56	77	1791454	45.26	ng	91
64) 4,6-Dinitro-2-methylphenol	10.45	198	175930	34.76	ng	# 33
65) n-Nitrosodiphenylamine	10.51	169	1207964	47.41	ng	99
66) 4-Bromophenyl-phenylether	10.89	248	412437	47.07	ng	# 76
67) Hexachlorobenzene	10.94	284	400983	44.01	ng	# 76
68) Atrazine	11.05	200	436445	53.27	ng	95
69) Pentachlorophenol	11.14	266	424348	82.76	ng	96
70) Phenanthrene	11.36	178	1863809	44.04	ng	99
71) Anthracene	11.41	178	2115317	46.34	ng	100
72) Carbazole	11.56	167	1642042	41.04	ng	99
73) Di-n-butylphthalate	11.90	149	2361252	50.65	ng	99
74) Fluoranthene	12.54	202	1857741	41.92	ng	99
76) Benzidine	12.66	184	545852	34.68	ng	98
77) Pyrene	12.77	202	1896911	46.98	ng	99
79) Butylbenzylphthalate	13.39	149	824164	52.36	ng	91
80) Benzo(a)anthracene	13.95	228	1398481	47.31	ng	100
81) 3,3'-Dichlorobenzidine	13.92	252	312411	29.43	ng	# 98
82) Chrysene	14.00	228	1452220	46.96	ng	98
83) Bis(2-ethylhexyl)phthalate	13.95	149	1034429	51.22	ng	# 99
84) Di-n-octyl phthalate	14.57	149	1945176	56.75	ng	# 90
85) Indeno(1,2,3-cd)pyrene	16.75	276	1882475	67.64	ng	98
87) Benzo(h)fluoranthene	14.98	252	3136804	84.05	ng	99
88) Benzo(k)fluoranthene	14.98	252	3138809	95.65	ng	# 97
89) Benzo(a)pyrene	15.32	252	1565494	46.56	ng	98
90) Dibenzo(a,h)anthracene	16.77	278	1522235	50.54	ng	97
91) Benzo(g,h,i)perylene	17.17	276	1565761	51.08	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 414

Delta R.T. -0.00 min

Lab File: BF091574.D

Acq: 14 Dec 2016 2:25

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WC120716MS

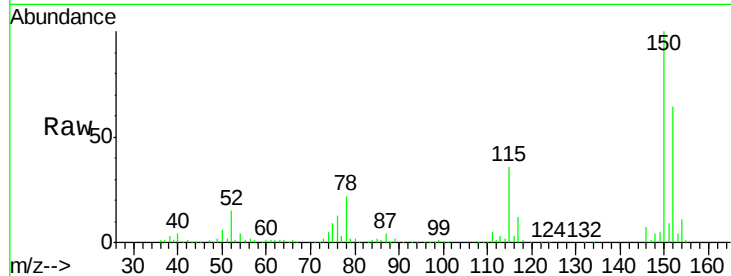
Tgt Ion:152 Resp: 309440

Ion Ratio Lower Upper

152 100

150 156.1 122.5 183.7

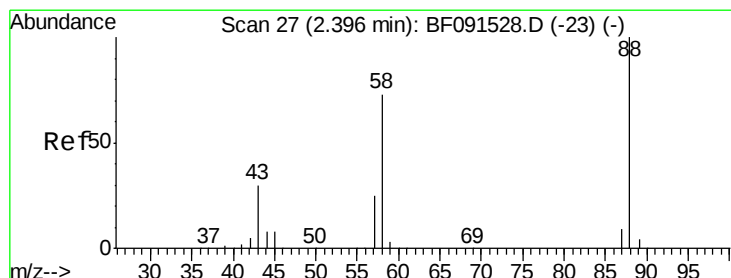
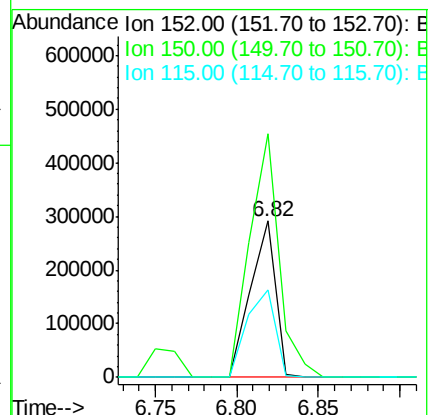
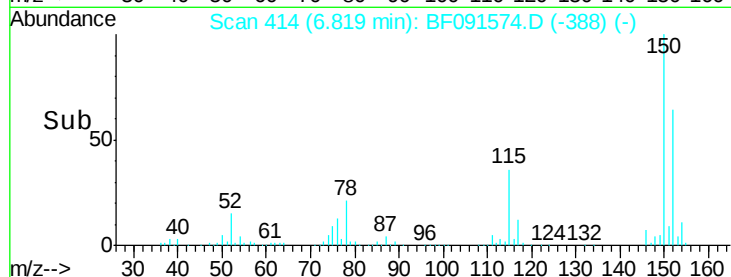
115 55.9 51.8 77.8



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: 27.92 ng

RT: 2.53 min Scan# 39

Delta R.T. 0.14 min

Lab File: BF091574.D

Acq: 14 Dec 2016 2:25

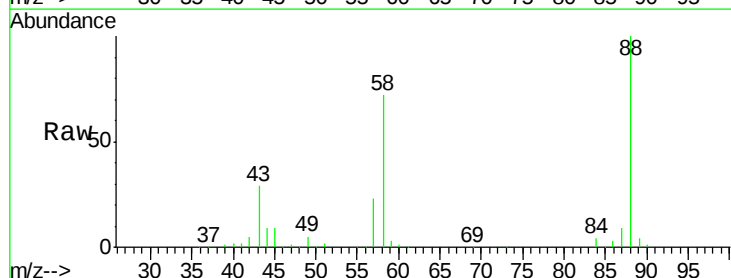
Tgt Ion: 88 Resp: 270686

Ion Ratio Lower Upper

88 100

58 74.4 70.3 105.5

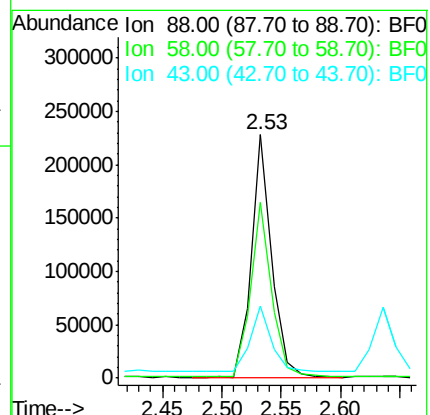
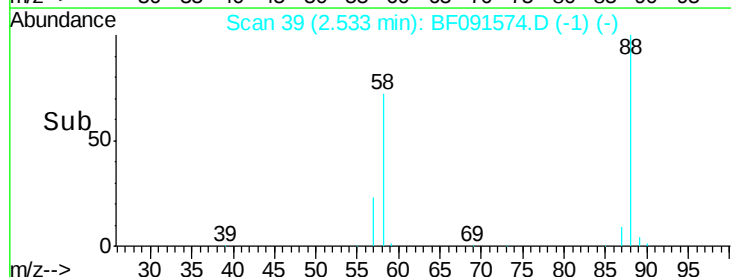
43 0.0 31.3 46.9#

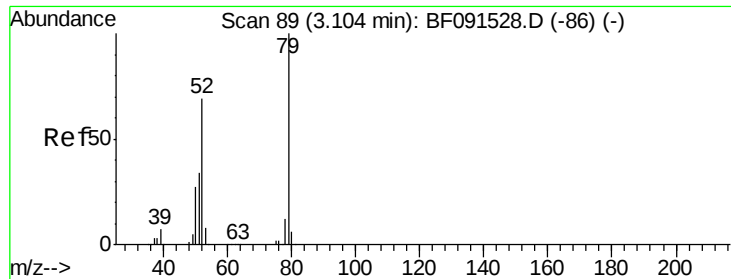


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

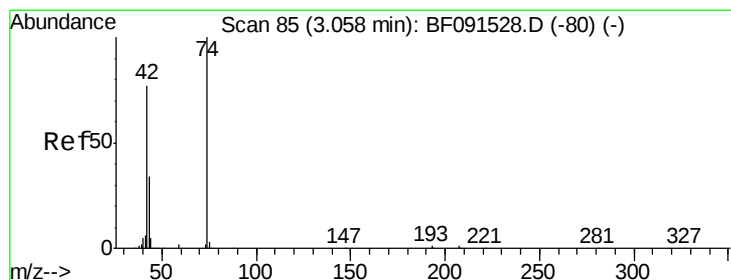
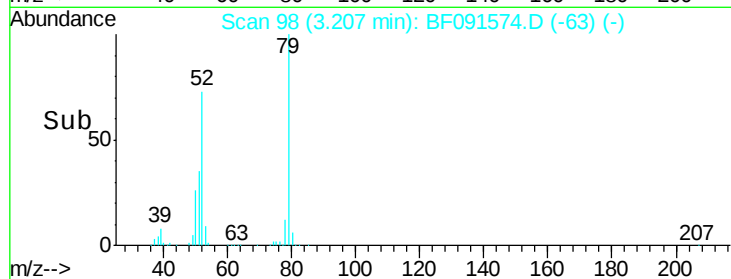
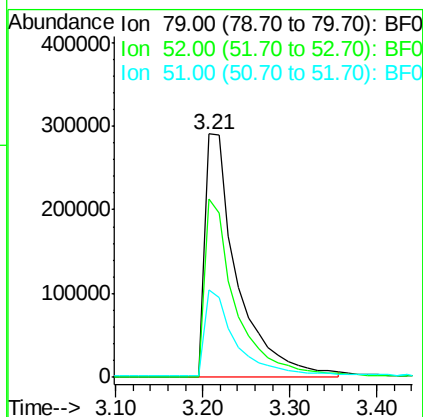
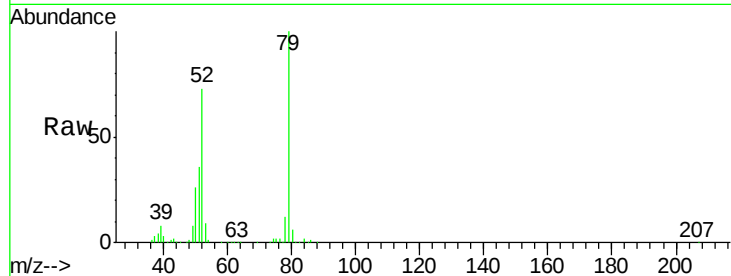




#3
 Pyridine
 Concen: 29.43 ng
 RT: 3.21 min Scan# 98
 Delta R.T. 0.10 min
 Lab File: BF091574.D
 Acq: 14 Dec 2016 2:25

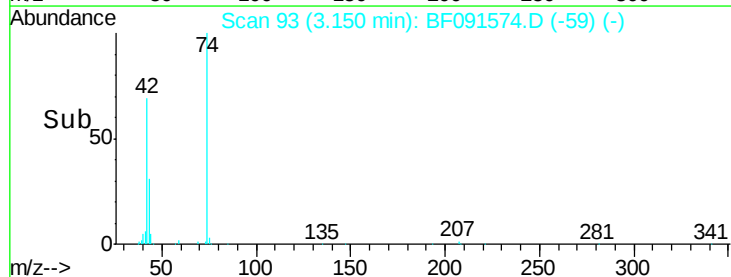
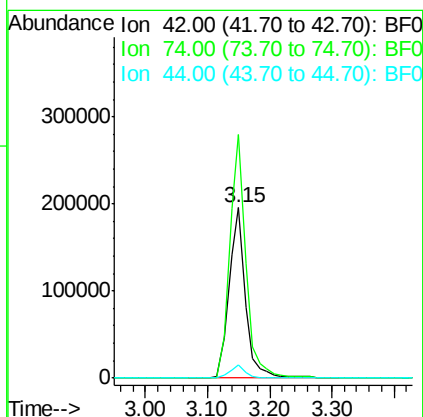
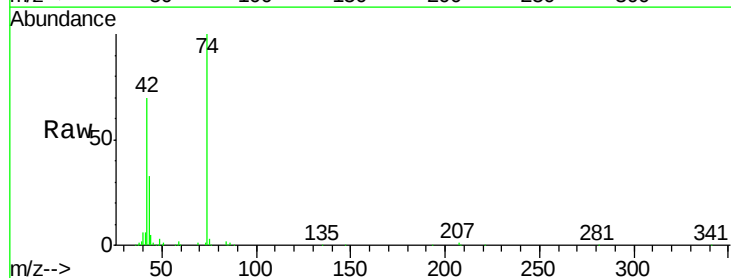
Instrument :
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 ClientSampleId :
 WC120716MS

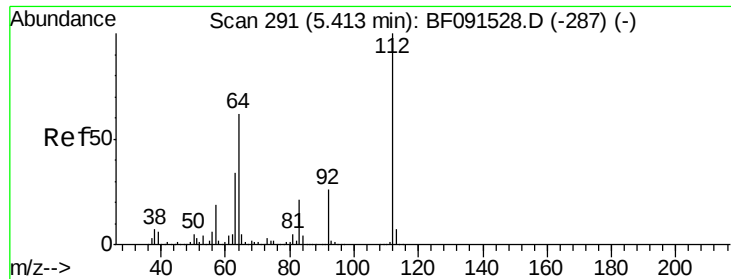
Tgt Ion	Ratio	Lower	Upper
79	100		
52	73.4	71.0	106.4
51	35.9	37.0	55.4#



#4
 n-Nitrosodimethylamine
 Concen: 31.98 ng
 RT: 3.15 min Scan# 93
 Delta R.T. 0.09 min
 Lab File: BF091574.D
 Acq: 14 Dec 2016 2:25

Tgt Ion	Ratio	Lower	Upper
42	100		
74	143.2	78.9	118.3#
44	7.5	5.8	8.6





#5

2-Fluorophenol

Concen: 101.36 ng

RT: 5.44 min Scan# 293

Delta R.T. 0.02 min

Lab File: BF091574.D

Acq: 14 Dec 2016 2:25

Instrument :

BNA_F

ClientSampleId :

WC120716MS

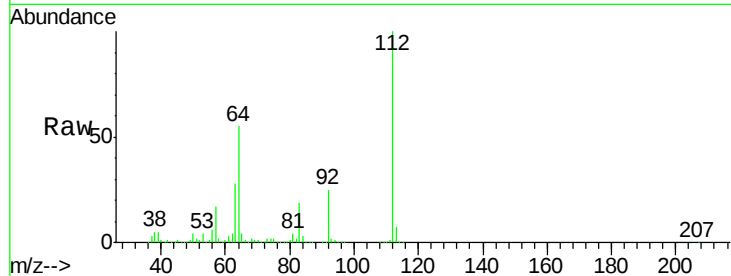
Tgt Ion:112 Resp: 1861651

Ion Ratio Lower Upper

112 100

64 55.3 61.5 92.3#

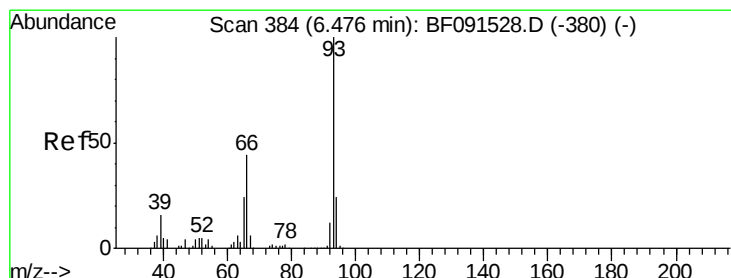
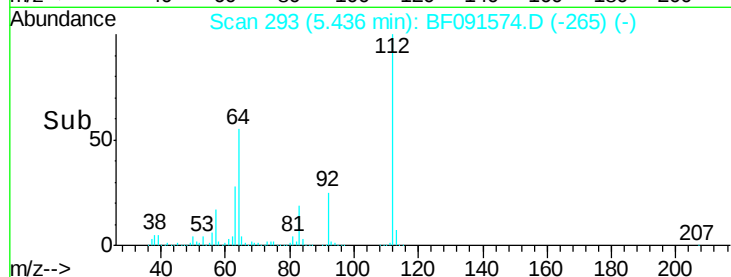
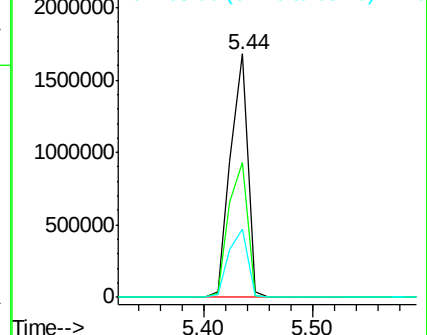
63 28.3 33.3 49.9#



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: 14.64 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.00 min

Lab File: BF091574.D

Acq: 14 Dec 2016 2:25

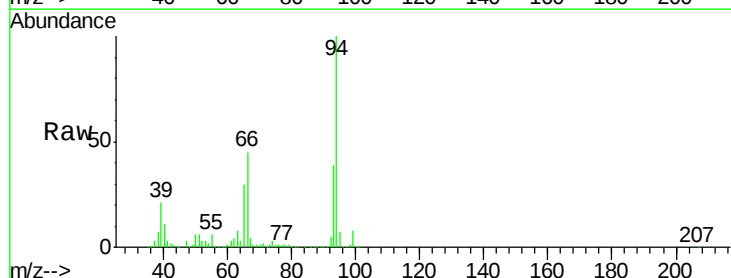
Tgt Ion: 93 Resp: 439403

Ion Ratio Lower Upper

93 100

66 115.2 55.8 83.6#

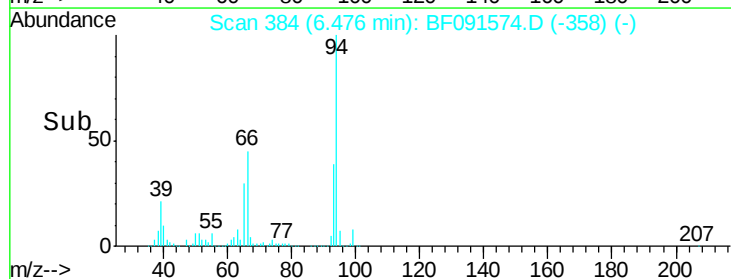
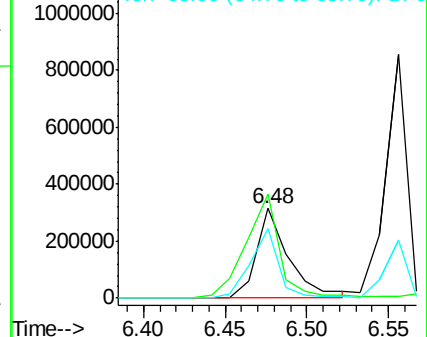
65 77.5 29.9 44.9#

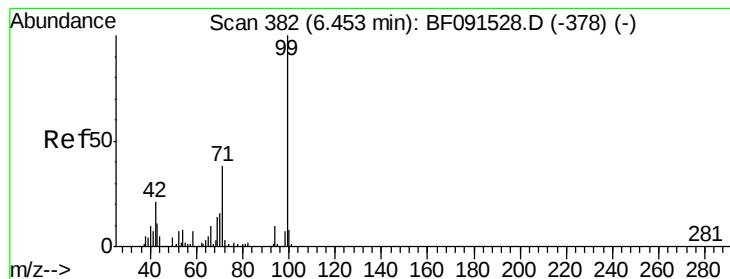


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 97.06 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.01 min

Lab File: BF091574.D

Acq: 14 Dec 2016 2:25

Instrument :

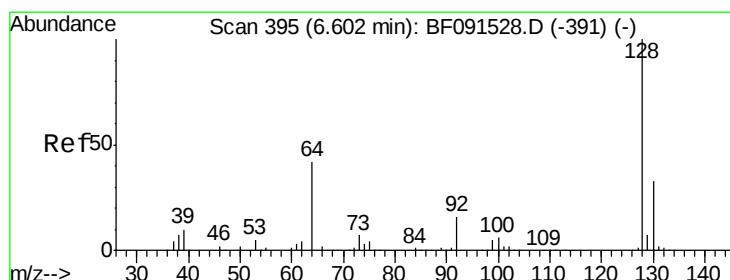
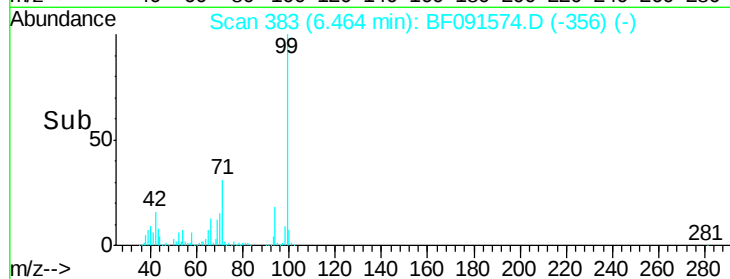
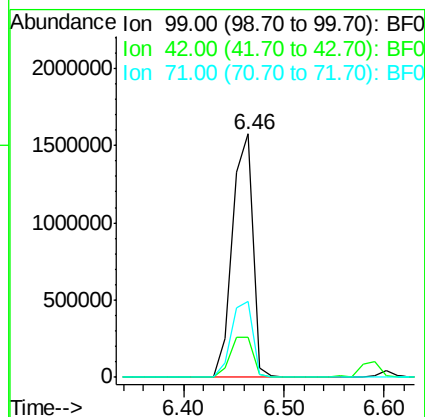
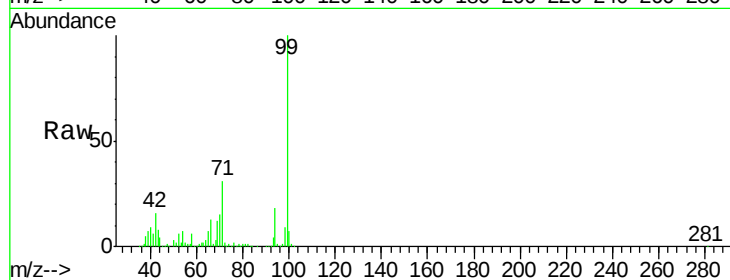
BNA_F

ClientSampleId :

WC120716MS

Tgt Ion: 99 Resp: 2222462

Ion	Ratio	Lower	Upper
99	100		
42	16.4	20.6	31.0#
71	31.2	29.9	44.9



#8

2-Chlorophenol

Concen: 34.08 ng

RT: 6.60 min Scan# 395

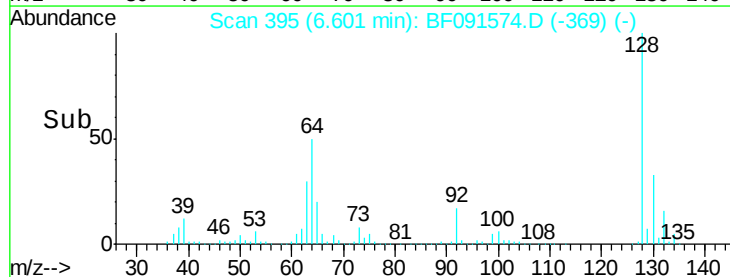
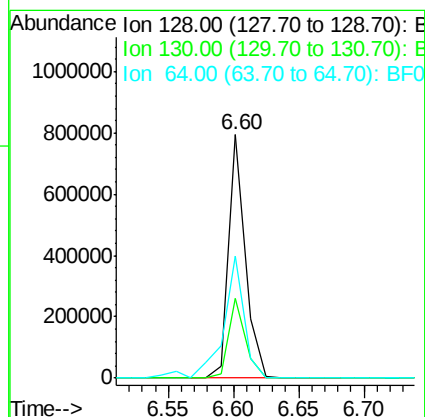
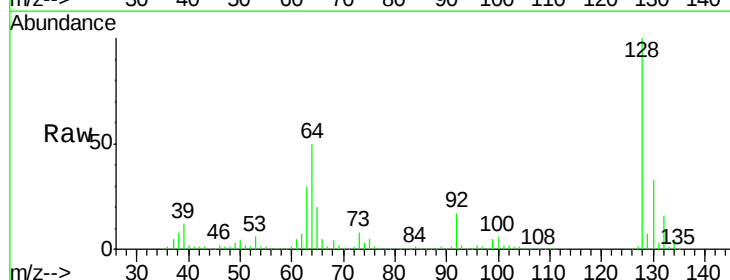
Delta R.T. -0.00 min

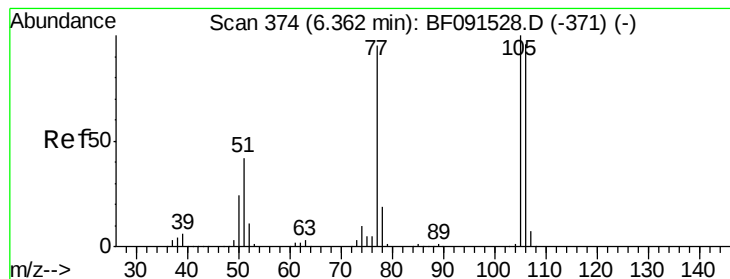
Lab File: BF091574.D

Acq: 14 Dec 2016 2:25

Tgt Ion: 128 Resp: 706585

Ion	Ratio	Lower	Upper
128	100		
130	32.7	13.1	53.1
64	50.3	24.1	64.1





#9

Benzaldehyde

Concen: 2.92 ng

RT: 6.59 min Scan# 394

Delta R.T. 0.23 min

Lab File: BF091574.D

Acq: 14 Dec 2016 2:25

Instrument :

BNA_F

ClientSampleId :

WC120716MS

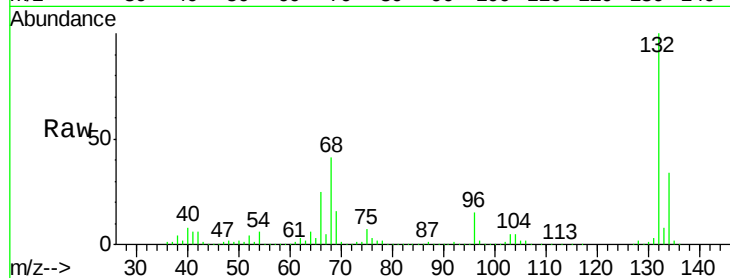
Tgt Ion: 77 Resp: 45994

Ion Ratio Lower Upper

77 100

105 82.5 66.4 106.4

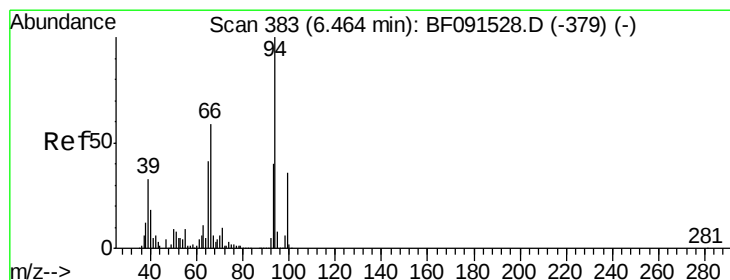
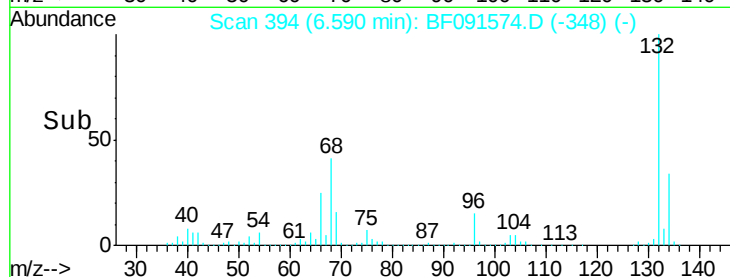
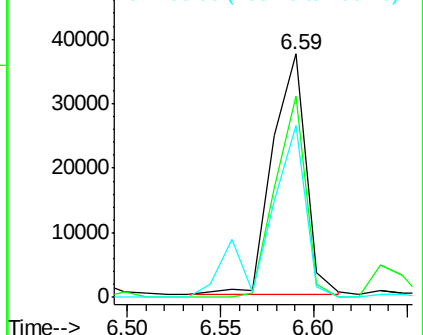
106 70.9 60.9 100.9



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 29.71 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.01 min

Lab File: BF091574.D

Acq: 14 Dec 2016 2:25

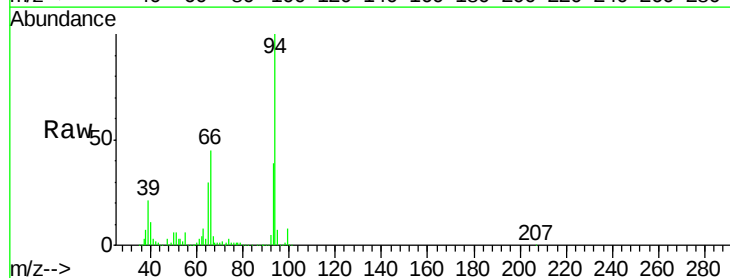
Tgt Ion: 94 Resp: 795334

Ion Ratio Lower Upper

94 100

65 30.3 16.9 56.9

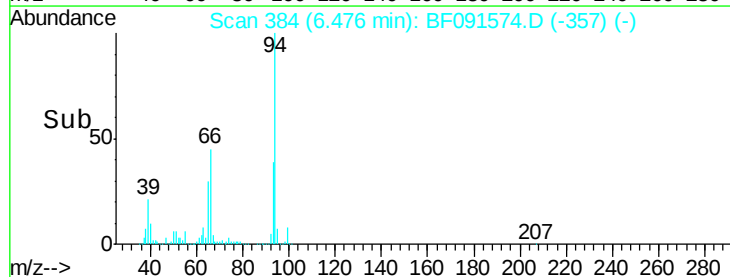
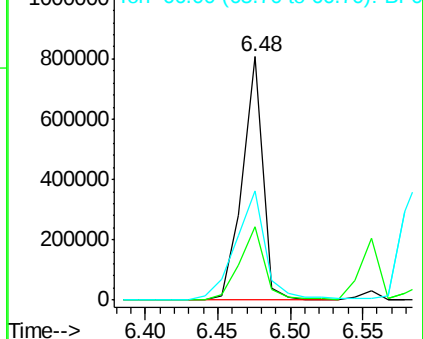
66 45.1 30.6 70.6

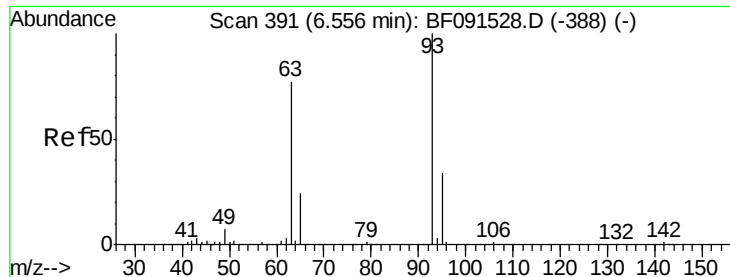


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

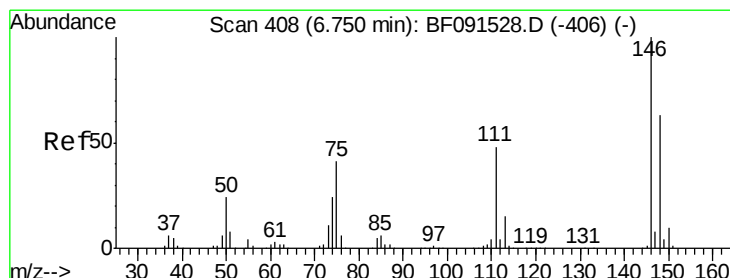
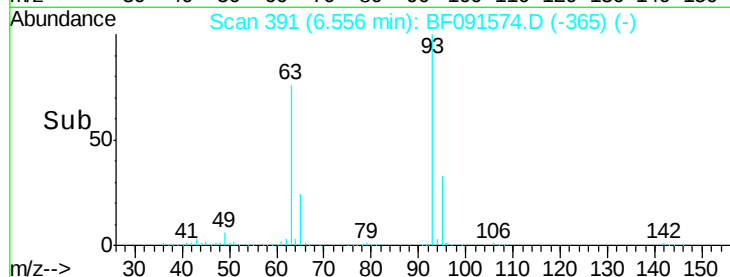
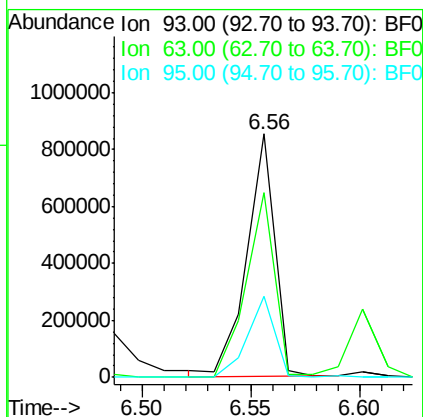
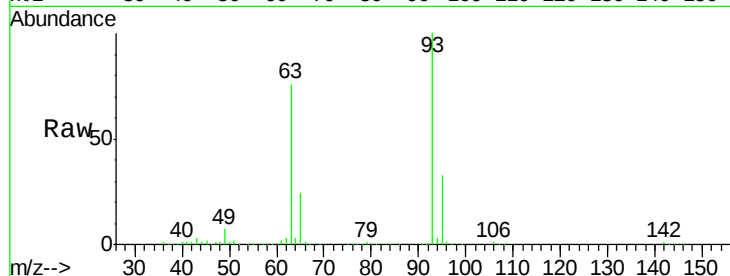




#11
bis(2-Chloroethyl)ether
Concen: 37.66 ng
RT: 6.56 min Scan# 391
Delta R.T. -0.00 min
Lab File: BF091574.D
Acq: 14 Dec 2016 2:25

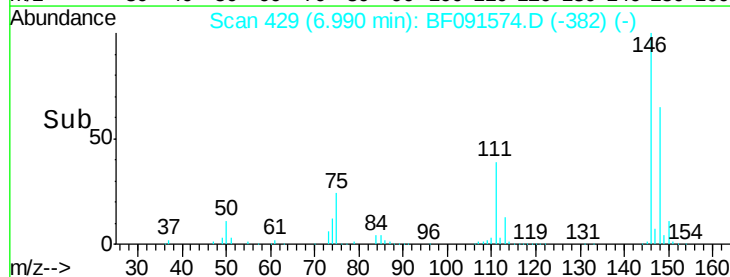
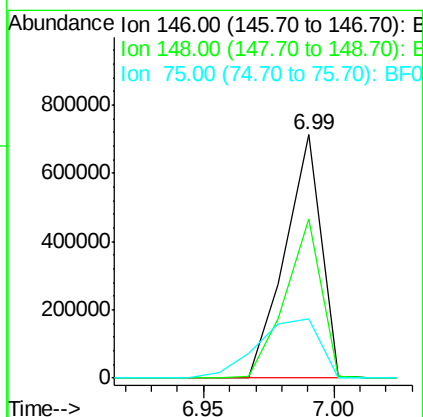
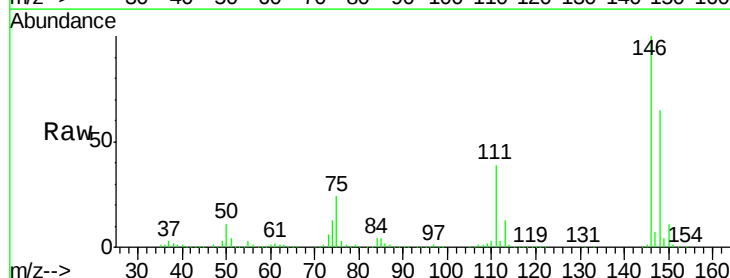
Instrument :
BNA_F
ClientSampleId :
WC120716MS

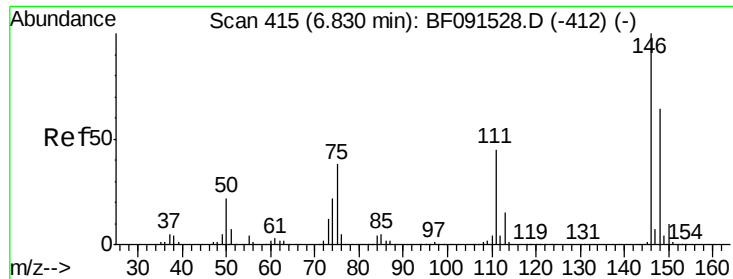
Tgt Ion: 93 Resp: 757432
Ion Ratio Lower Upper
93 100
63 75.9 74.8 114.8
95 33.1 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 30.39 ng
RT: 6.99 min Scan# 429
Delta R.T. 0.24 min
Lab File: BF091574.D
Acq: 14 Dec 2016 2:25

Tgt Ion: 146 Resp: 683251
Ion Ratio Lower Upper
146 100
148 65.4 51.4 77.0
75 24.1 23.6 35.4

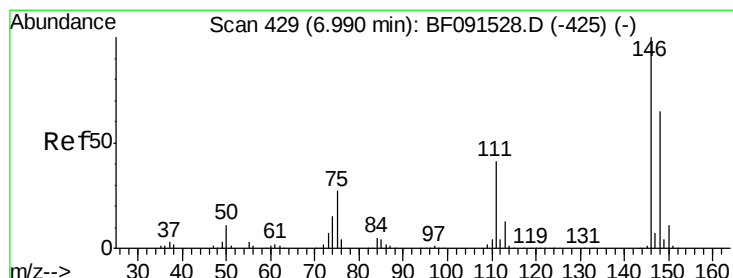
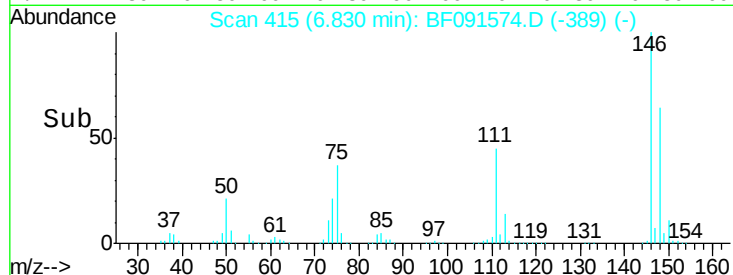
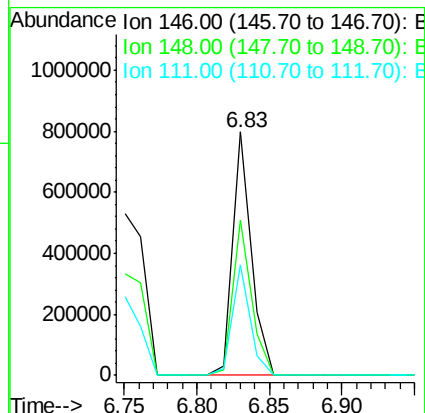
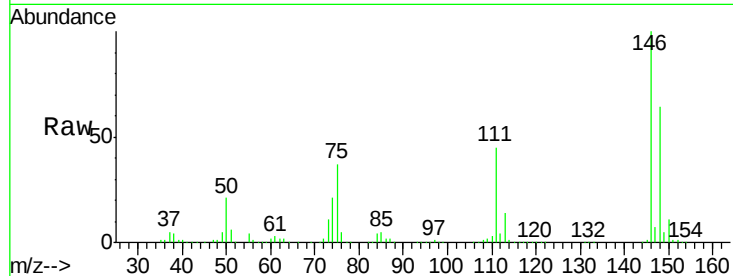




#13
 1,4-Dichlorobenzene
 Concen: 32.10 ng
 RT: 6.83 min Scan# 415
 Delta R.T. -0.00 min
 Lab File: BF091574.D
 Acq: 14 Dec 2016 2:25

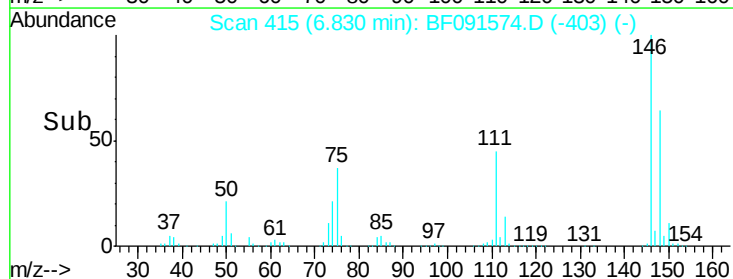
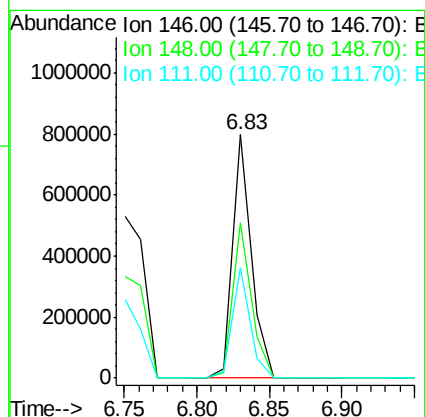
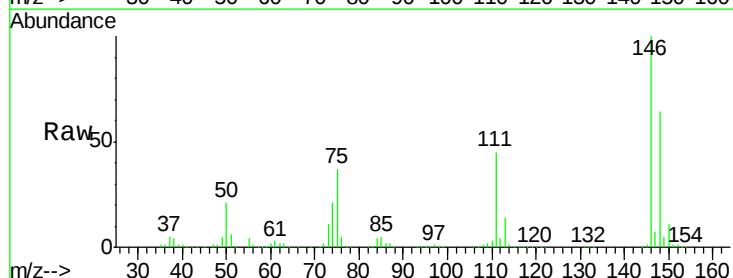
Instrument :
 BNA_F
 ClientSampleId :
 WC120716MS

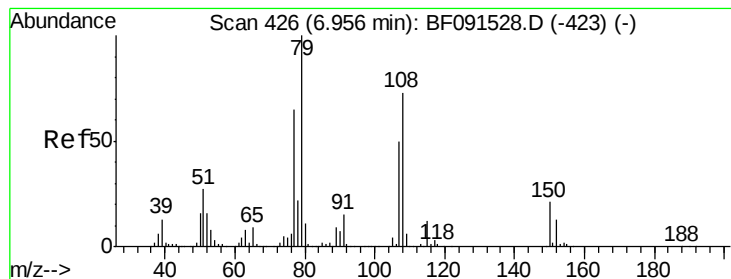
Tgt Ion:146 Resp: 711765
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.4 77.0
 111 45.3 32.2 48.2



#14
 1,2-Dichlorobenzene
 Concen: 35.62 ng
 RT: 6.83 min Scan# 415
 Delta R.T. -0.16 min
 Lab File: BF091574.D
 Acq: 14 Dec 2016 2:25

Tgt Ion:146 Resp: 711765
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.0 76.6
 111 45.3 38.9 58.3





#15

Benzyl Alcohol

Concen: 33.51 ng

RT: 6.96 min Scan# 426

Delta R.T. -0.00 min

Lab File: BF091574.D

Acq: 14 Dec 2016 2:25

Instrument :

BNA_F

ClientSampleId :

WC120716MS

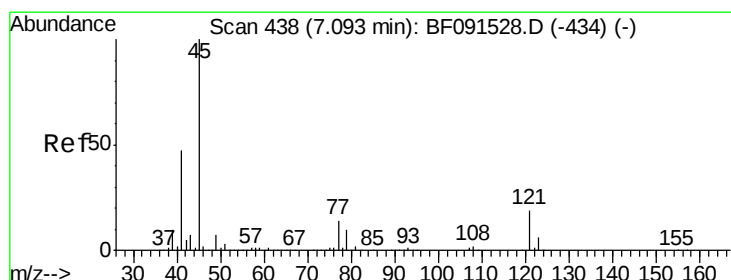
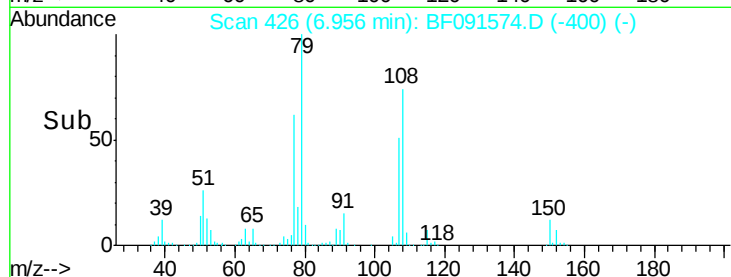
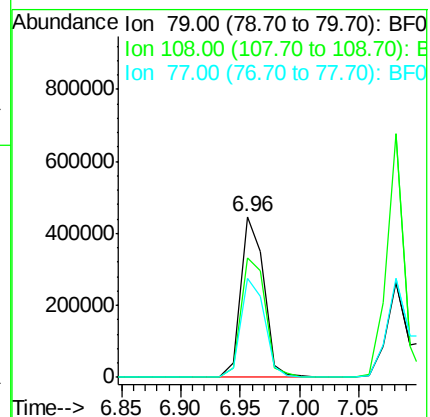
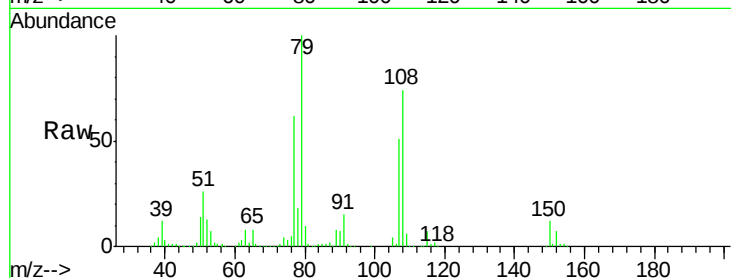
Tgt Ion: 79 Resp: 605783

Ion Ratio Lower Upper

79 100

108 73.8 62.7 94.1

77 61.8 51.7 77.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.33 ng

RT: 7.10 min Scan# 439

Delta R.T. 0.01 min

Lab File: BF091574.D

Acq: 14 Dec 2016 2:25

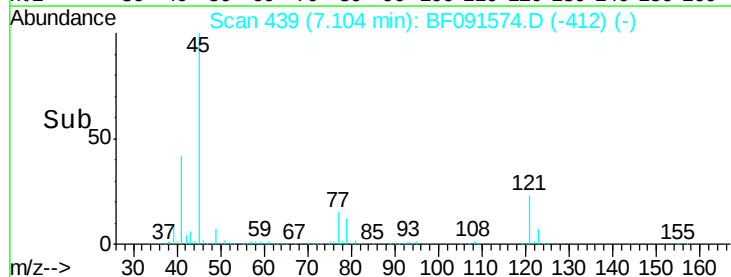
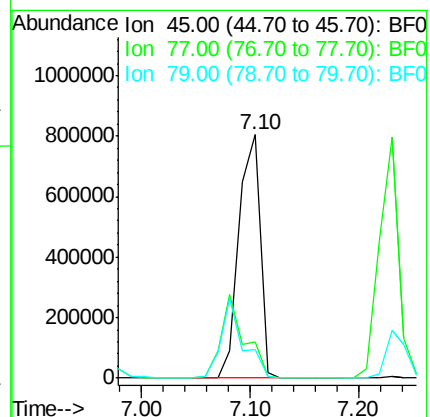
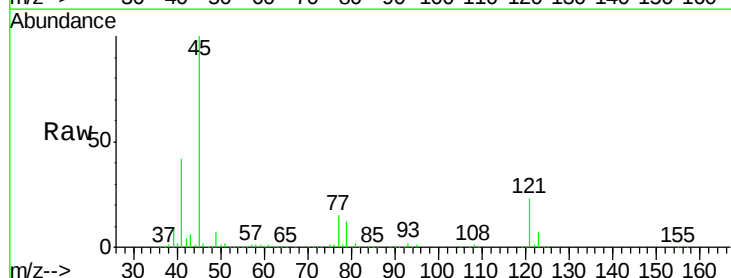
Tgt Ion: 45 Resp: 1069970

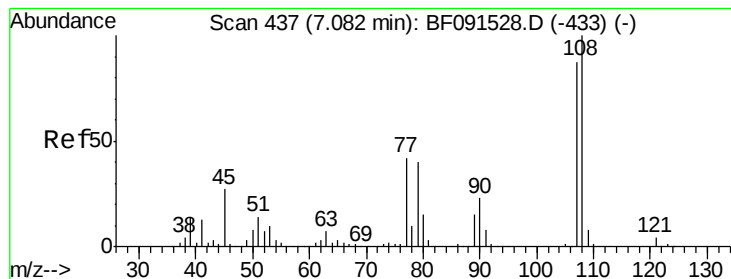
Ion Ratio Lower Upper

45 100

77 14.9 3.8 43.8

79 11.8 0.2 40.2





#17

2-Methylphenol

Concen: 34.57 ng

RT: 7.08 min Scan# 437

Delta R.T. -0.00 min

Lab File: BF091574.D

Acq: 14 Dec 2016 2:25

Instrument :

BNA_F

ClientSampleId :

WC120716MS

Tgt Ion:107 Resp: 592994

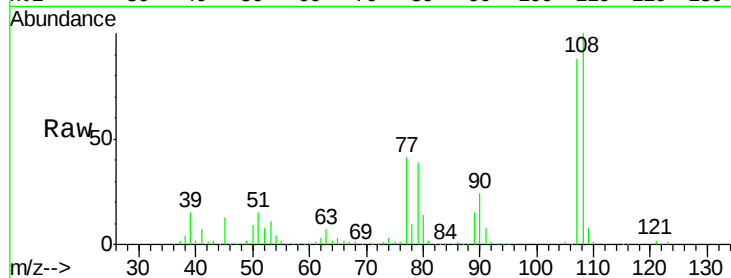
Ion Ratio Lower Upper

107 100

108 114.1 67.7 101.5#

77 46.3 40.7 61.1

79 44.7 23.4 35.2#



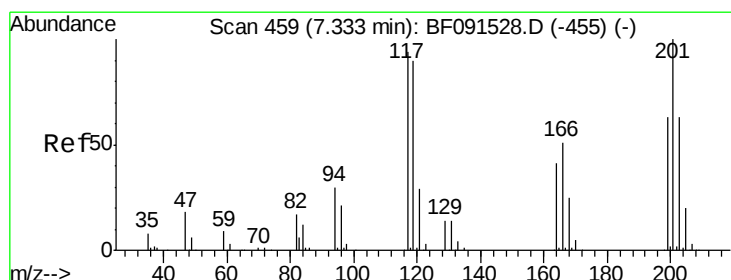
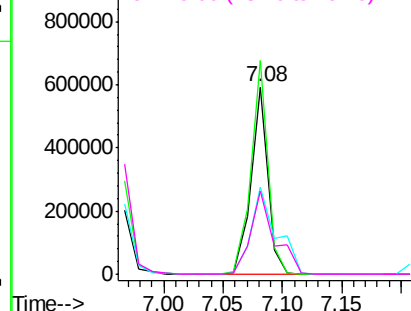
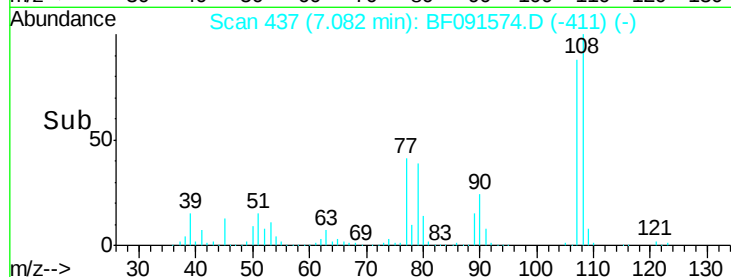
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 30.07 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.00 min

Lab File: BF091574.D

Acq: 14 Dec 2016 2:25

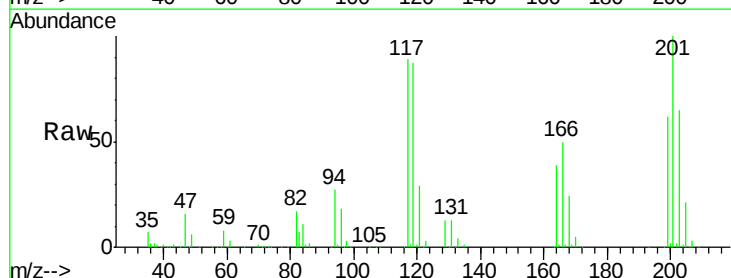
Tgt Ion:117 Resp: 260194

Ion Ratio Lower Upper

117 100

119 98.2 78.6 118.0

201 112.6 86.7 130.1

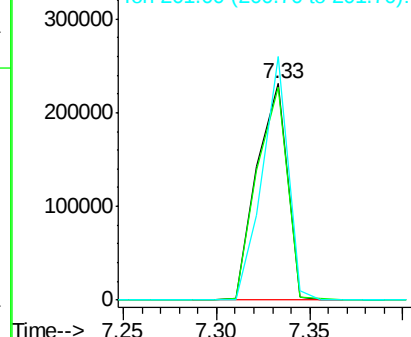
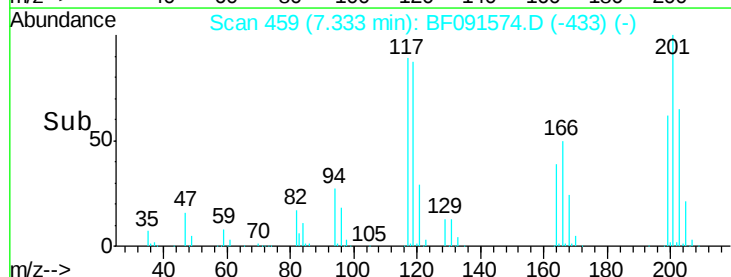


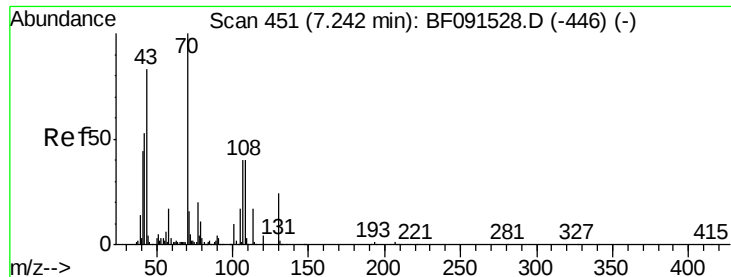
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

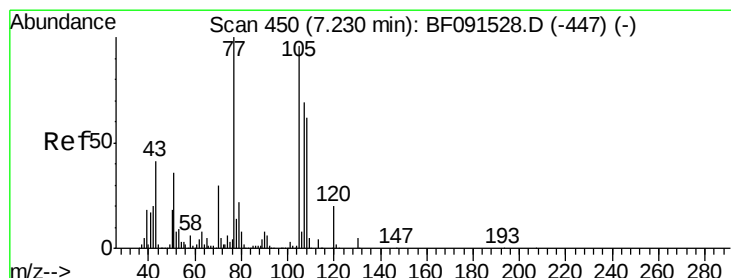
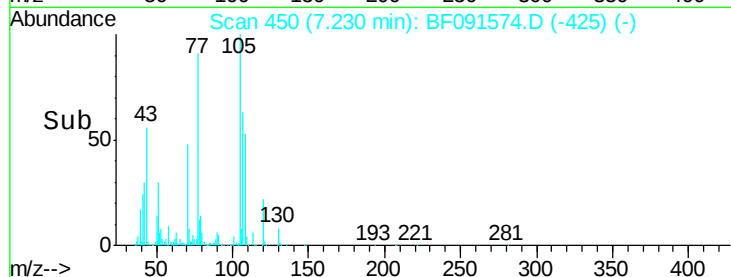
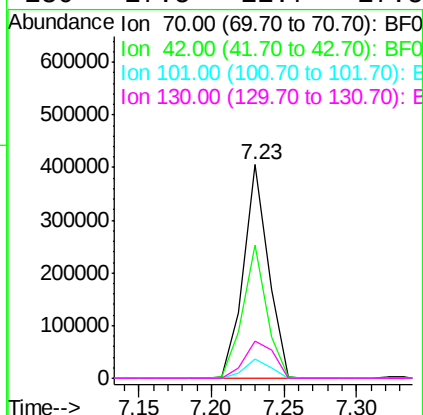
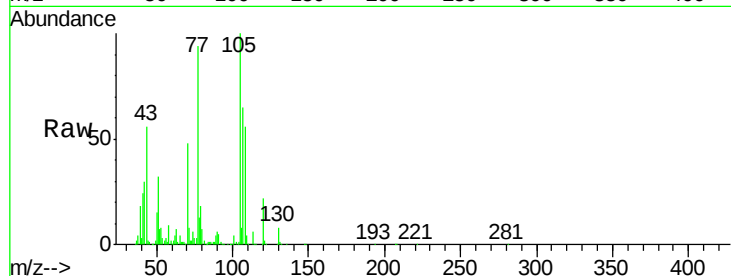




#19
n-Nitroso-di-n-propylamine
Concen: 33.74 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.01 min
Lab File: BF091574.D
Acq: 14 Dec 2016 2:25

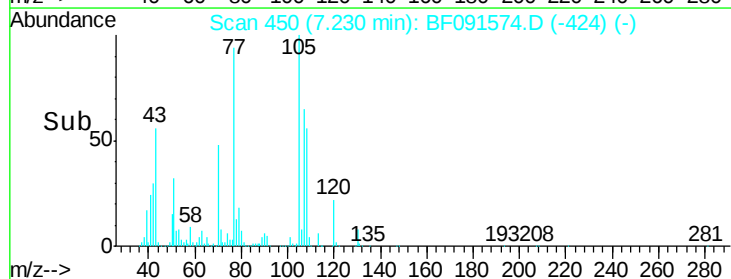
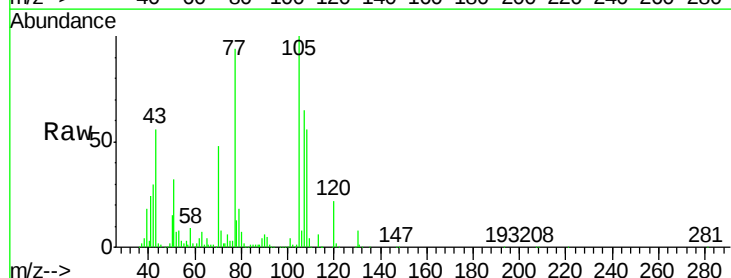
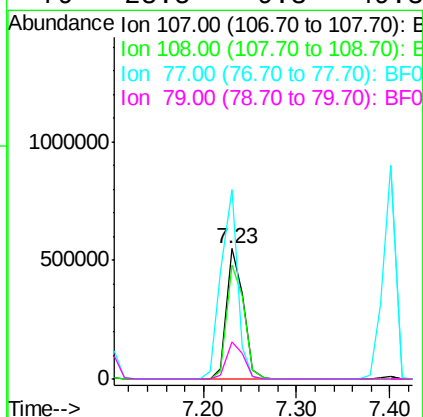
Instrument :
BNA_F
ClientSampleId :
WC120716MS

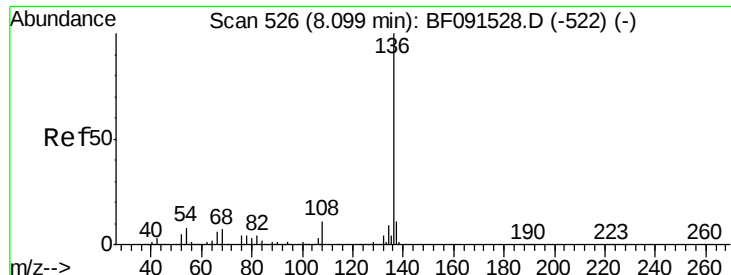
Tgt Ion: 70 Resp: 483052
Ion Ratio Lower Upper
70 100
42 62.6 64.8 97.2#
101 8.9 6.2 9.4
130 17.5 11.7 17.5



#20
3+4-Methylphenols
Concen: 36.53 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.00 min
Lab File: BF091574.D
Acq: 14 Dec 2016 2:25

Tgt Ion: 107 Resp: 687592
Ion Ratio Lower Upper
107 100
108 87.3 64.6 104.6
77 145.6 30.9 70.9#
79 28.5 9.3 49.3

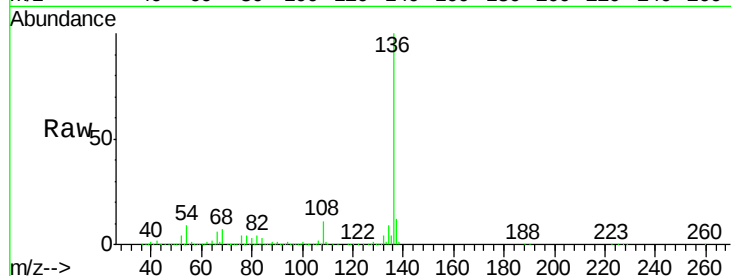




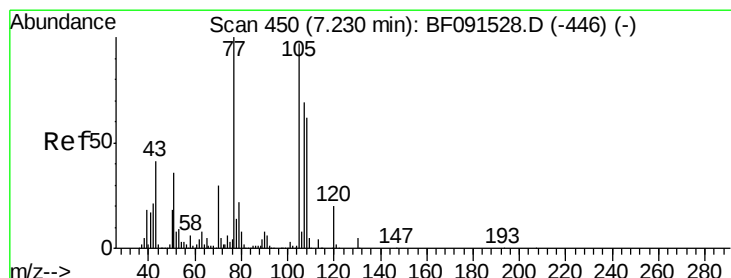
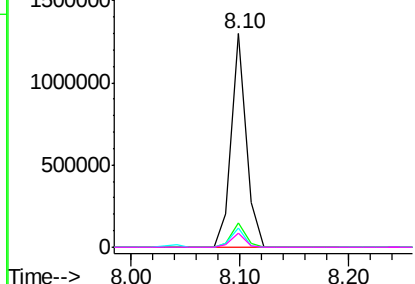
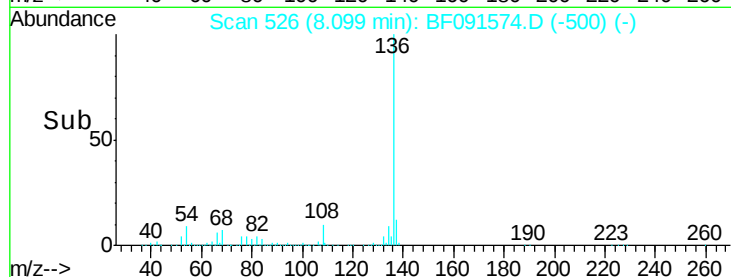
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.00 min
Lab File: BF091574.D
Acq: 14 Dec 2016 2:25

Instrument :
BNA_F
ClientSampleId :
WC120716MS

Tgt Ion:	136	Resp:	1216015
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	8.7	9.1	13.7#
68	6.9	5.9	8.9

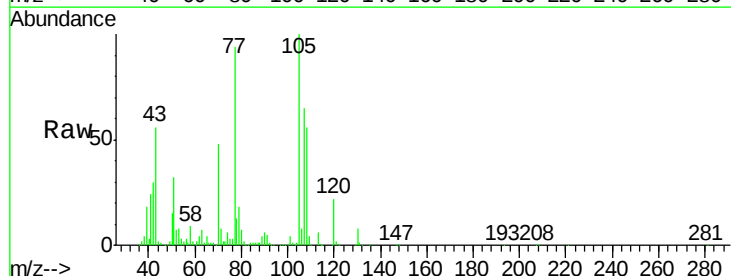


Abundance Ion 136.00 (135.70 to 136.70): E
2000000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

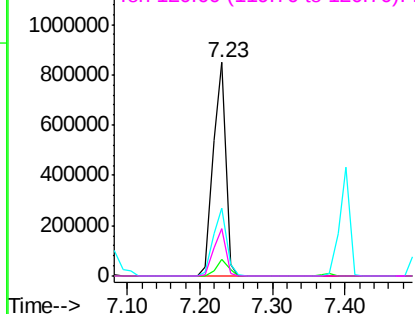
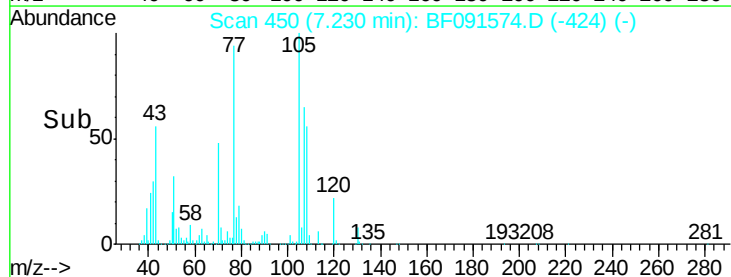


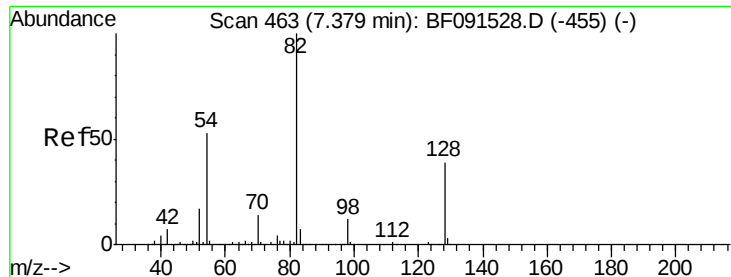
#22
Acetophenone
Concen: 34.82 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.00 min
Lab File: BF091574.D
Acq: 14 Dec 2016 2:25

Tgt Ion:	105	Resp:	1014518
Ion	Ratio	Lower	Upper
105	100		
71	8.1	7.9	11.9
51	32.0	24.5	36.7
120	22.0	16.6	24.8



Abundance Ion 105.00 (104.70 to 105.70): E
1200000
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

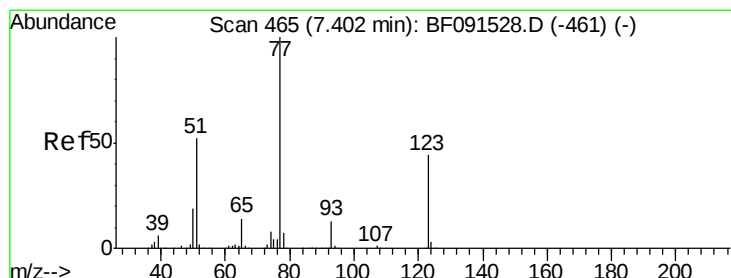
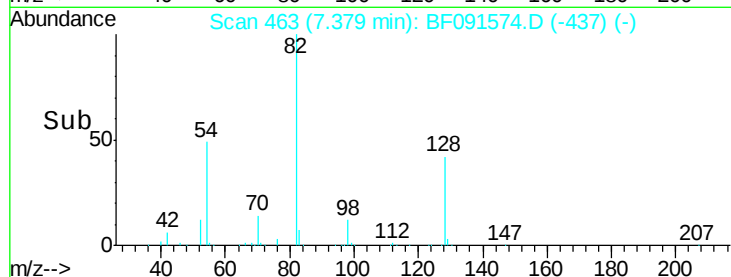
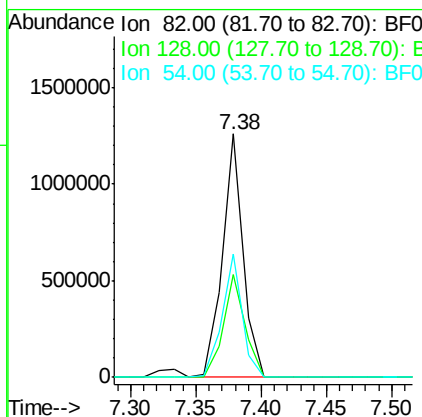
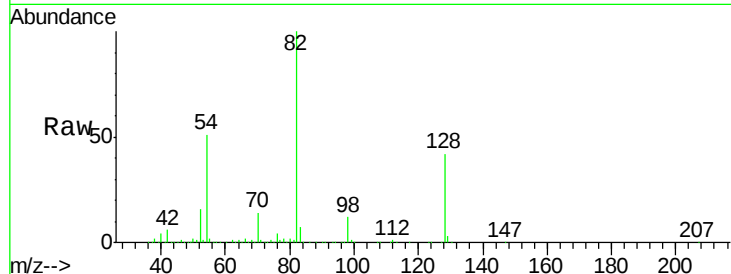




#23
 Nitrobenzene-d5
 Concen: 63.77 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.00 min
 Lab File: BF091574.D
 Acq: 14 Dec 2016 2:25

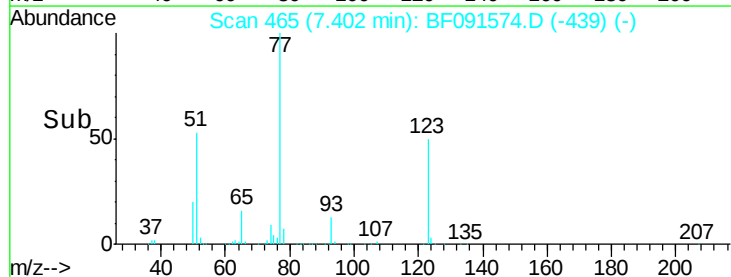
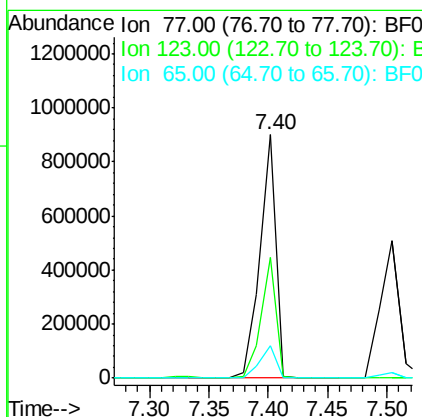
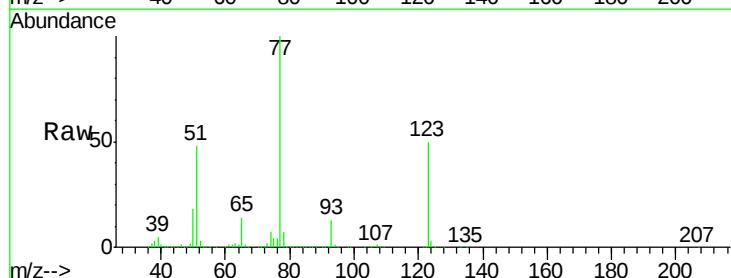
Instrument :
 BNA_F
 ClientSampleId :
 WC120716MS

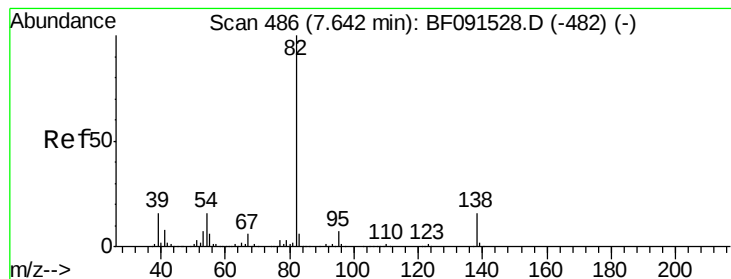
Tgt Ion: 82 Resp: 1389378
 Ion Ratio Lower Upper
 82 100
 128 42.1 31.8 47.6
 54 50.7 49.1 73.7



#24
 Nitrobenzene
 Concen: 36.94 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.00 min
 Lab File: BF091574.D
 Acq: 14 Dec 2016 2:25

Tgt Ion: 77 Resp: 850279
 Ion Ratio Lower Upper
 77 100
 123 49.8 28.5 42.7#
 65 13.5 12.5 18.7





#25

Isophorone

Concen: 37.91 ng

RT: 7.64 min Scan# 486

Delta R.T. -0.00 min

Lab File: BF091574.D

Acq: 14 Dec 2016 2:25

Instrument :

BNA_F

ClientSampleId :

WC120716MS

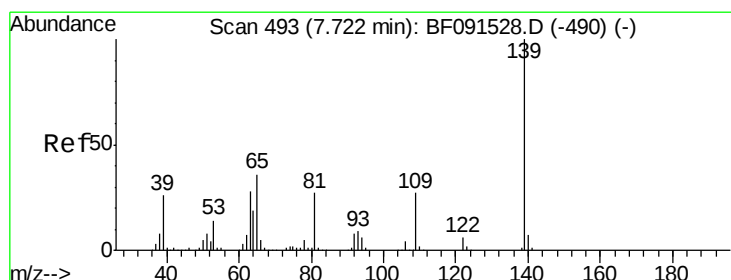
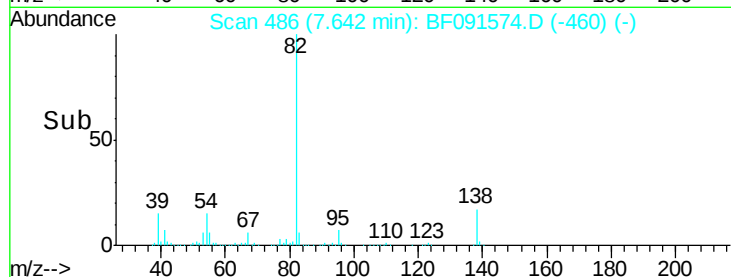
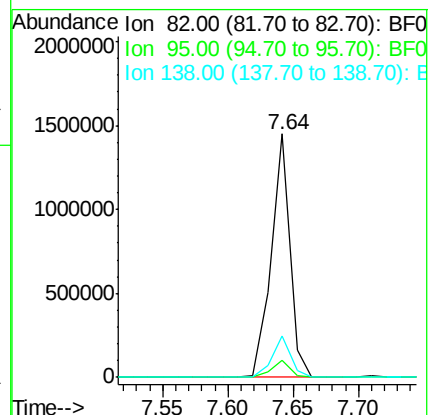
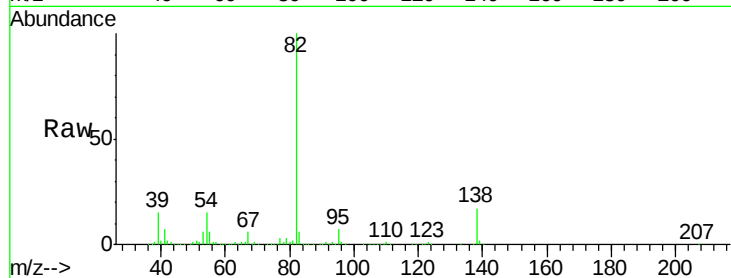
Tgt Ion: 82 Resp: 1468216

Ion Ratio Lower Upper

82 100

95 6.9 5.7 8.5

138 17.1 13.4 20.0



#26

2-Nitrophenol

Concen: 36.81 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.00 min

Lab File: BF091574.D

Acq: 14 Dec 2016 2:25

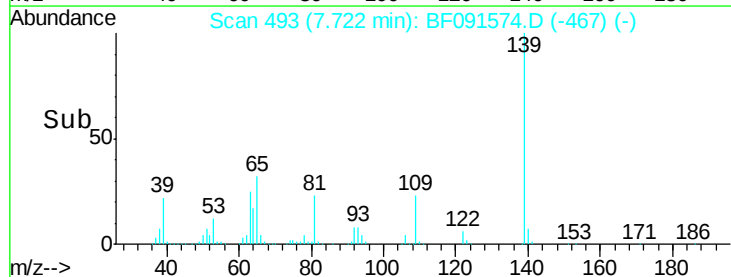
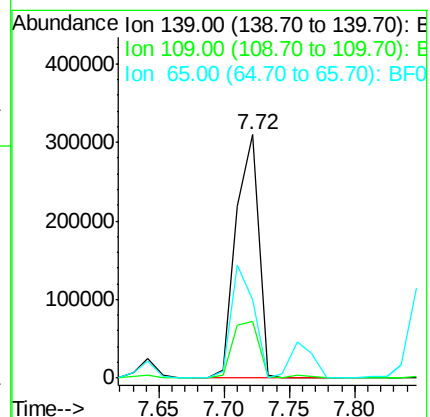
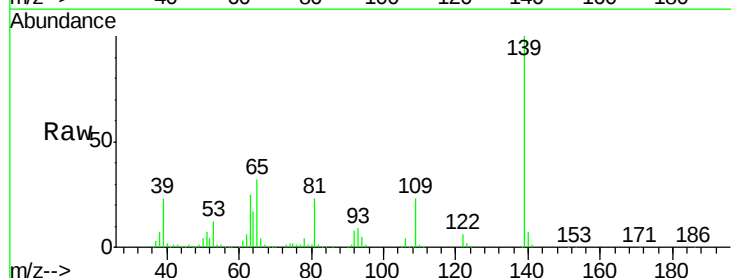
Tgt Ion: 139 Resp: 374017

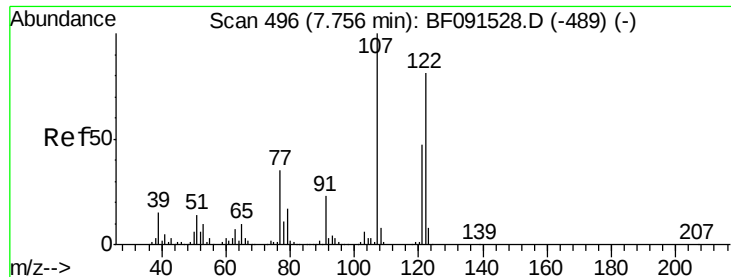
Ion Ratio Lower Upper

139 100

109 23.0 25.3 37.9#

65 32.2 55.4 83.2#





#27

2,4-Dimethylphenol

Concen: 35.94 ng

RT: 7.77 min Scan# 497

Delta R.T. 0.01 min

Lab File: BF091574.D

Acq: 14 Dec 2016 2:25

Instrument :

BNA_F

ClientSampleId :

WC120716MS

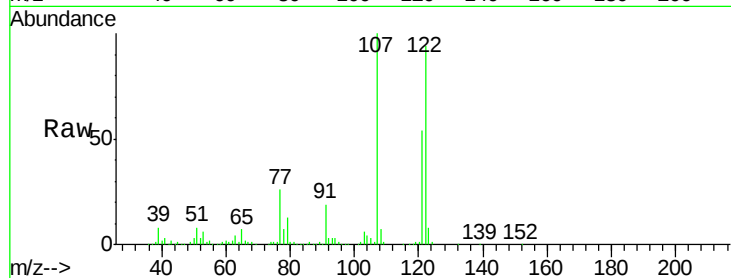
Tgt Ion:122 Resp: 641400

Ion Ratio Lower Upper

122 100

107 106.3 96.8 145.2

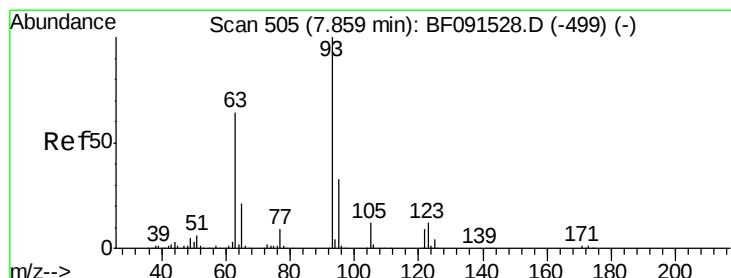
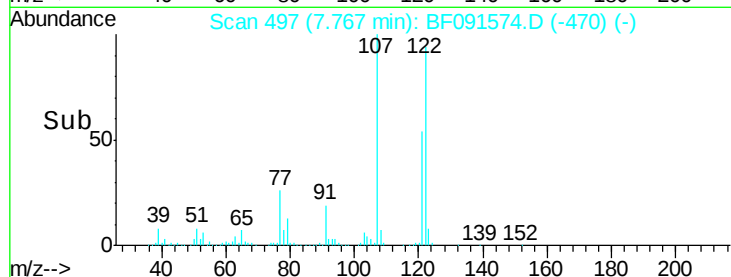
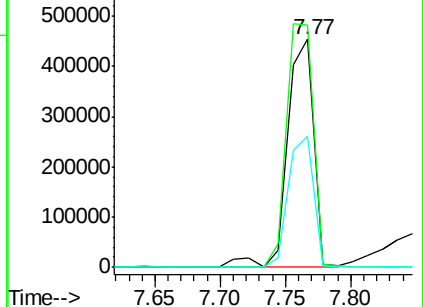
121 57.5 47.7 71.5



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: 39.51 ng

RT: 7.86 min Scan# 505

Delta R.T. -0.00 min

Lab File: BF091574.D

Acq: 14 Dec 2016 2:25

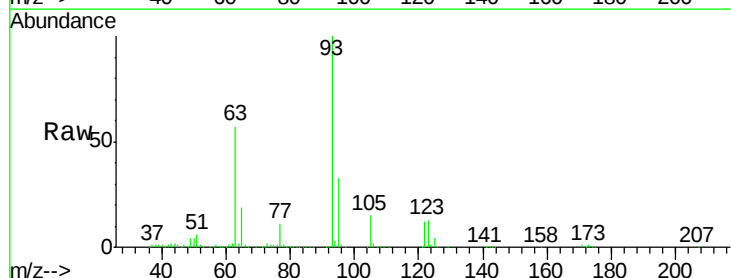
Tgt Ion: 93 Resp: 897682

Ion Ratio Lower Upper

93 100

95 32.8 26.0 39.0

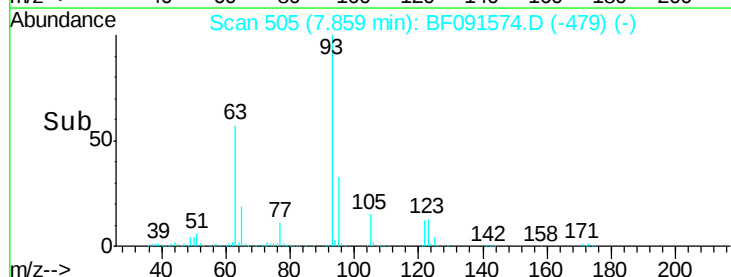
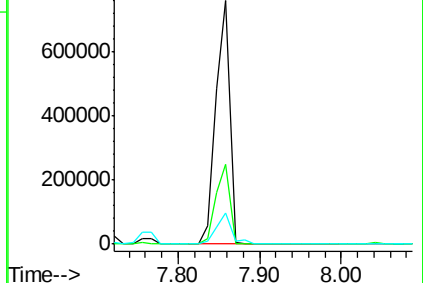
123 13.0 8.6 12.8#

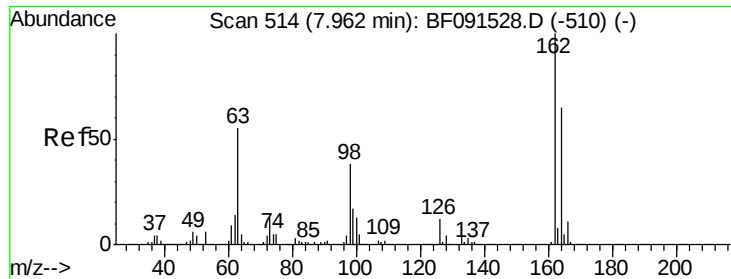


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

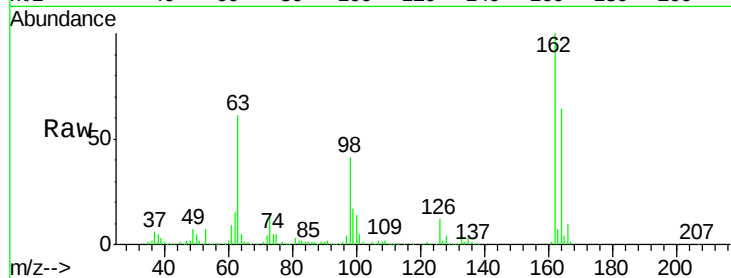




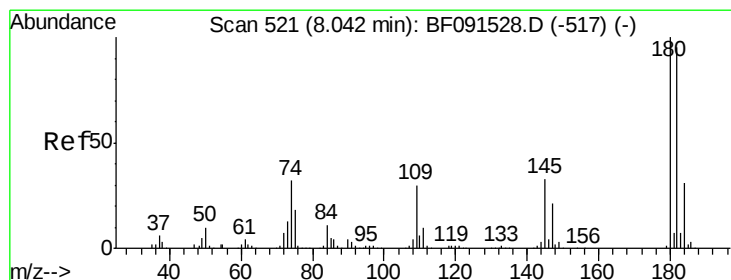
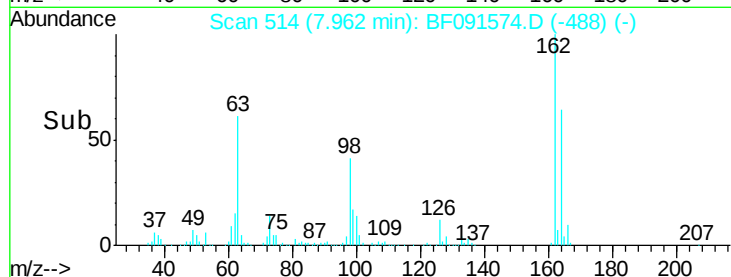
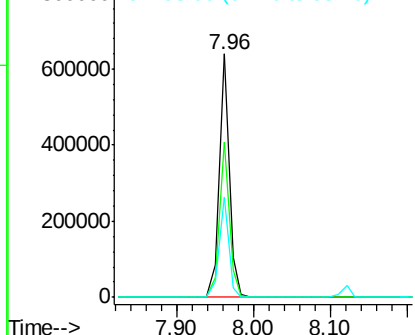
#29
2,4-Dichlorophenol
Concen: 37.43 ng
RT: 7.96 min Scan# 514
Delta R.T. -0.00 min
Lab File: BF091574.D
Acq: 14 Dec 2016 2:25

Instrument :
BNA_F
ClientSampleId :
WC120716MS

Tgt Ion:162 Resp: 581190
Ion Ratio Lower Upper
162 100
164 63.7 45.0 85.0
98 41.1 21.3 61.3

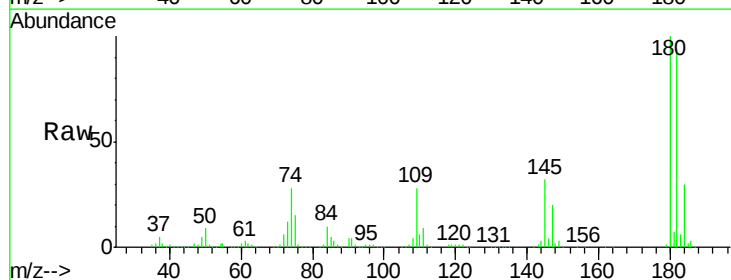


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

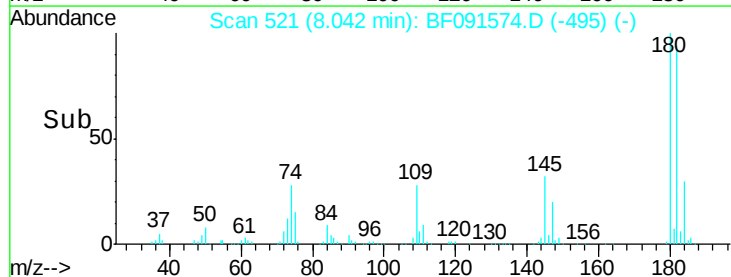
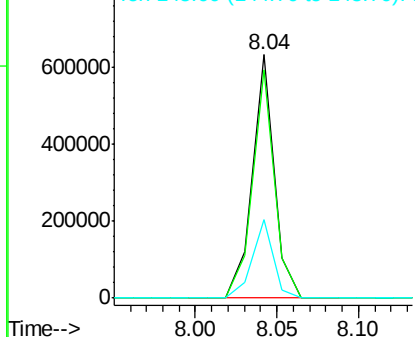


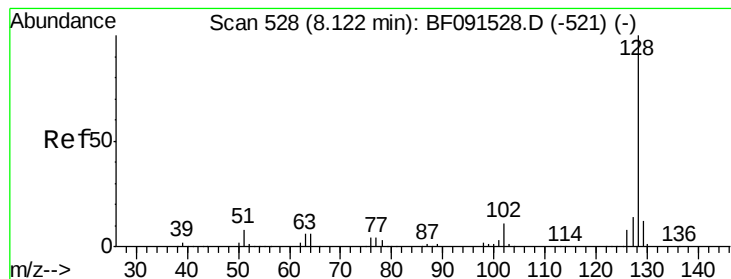
#30
1,2,4-Trichlorobenzene
Concen: 33.47 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.00 min
Lab File: BF091574.D
Acq: 14 Dec 2016 2:25

Tgt Ion:180 Resp: 590582
Ion Ratio Lower Upper
180 100
182 93.8 75.8 113.8
145 32.2 27.0 40.4



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: 34.47 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.00 min

Lab File: BF091574.D

Acq: 14 Dec 2016 2:25

Instrument :

BNA_F

ClientSampleId :

WC120716MS

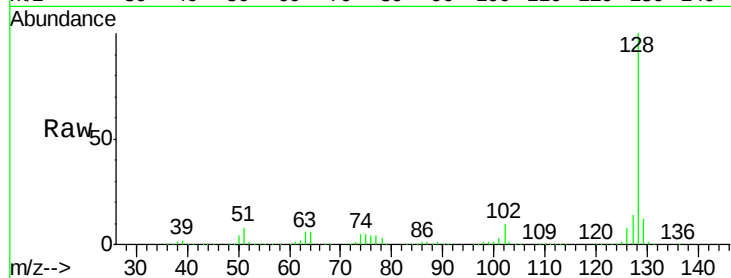
Tgt Ion:128 Resp: 1950093

Ion Ratio Lower Upper

128 100

129 11.8 9.1 13.7

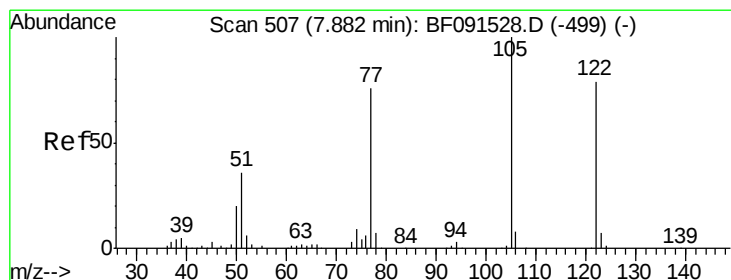
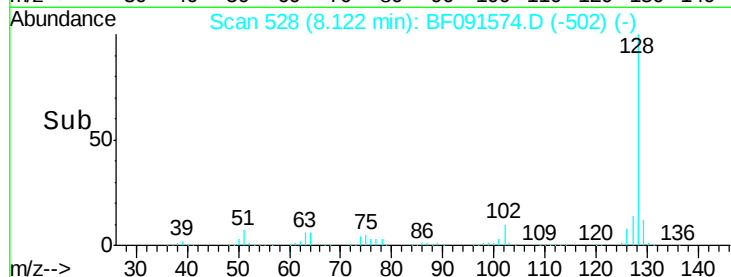
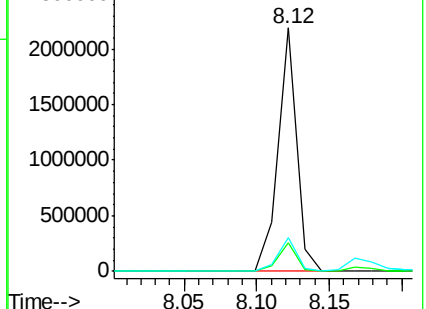
127 13.8 11.0 16.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 34.27 ng

RT: 7.88 min Scan# 507

Delta R.T. 0.00 min

Lab File: BF091574.D

Acq: 14 Dec 2016 2:25

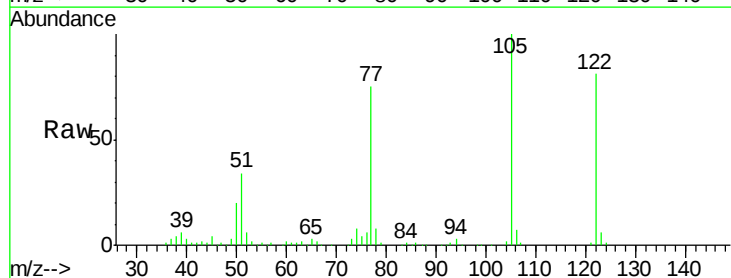
Tgt Ion:122 Resp: 418825

Ion Ratio Lower Upper

122 100

105 122.8 113.0 153.0

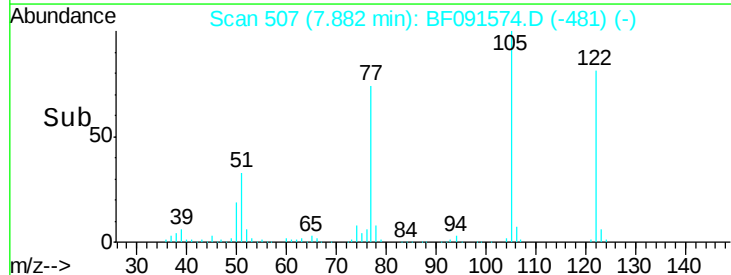
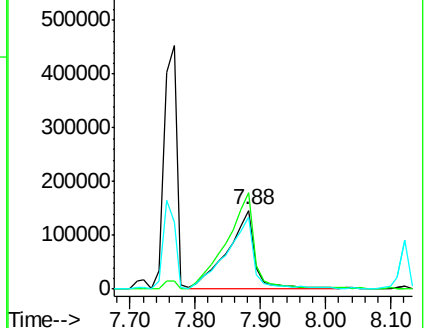
77 92.6 82.0 122.0

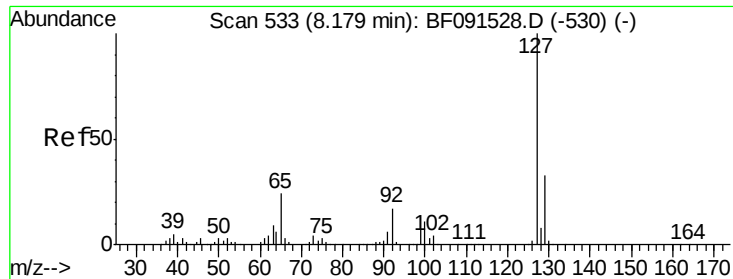


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

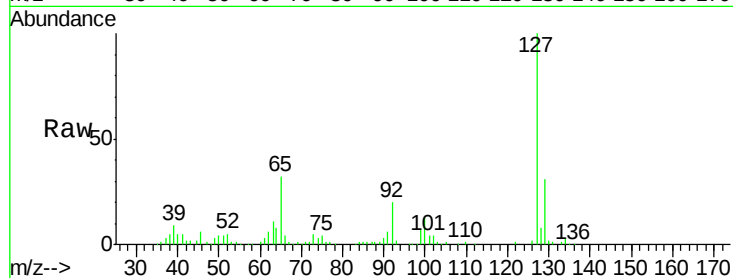




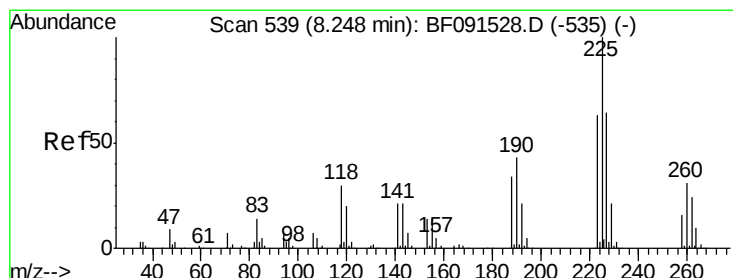
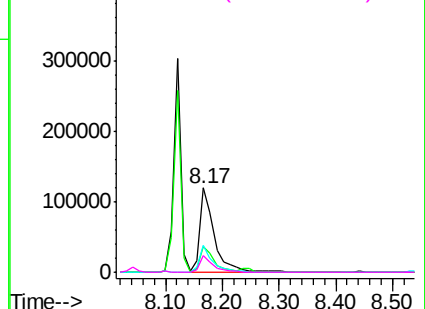
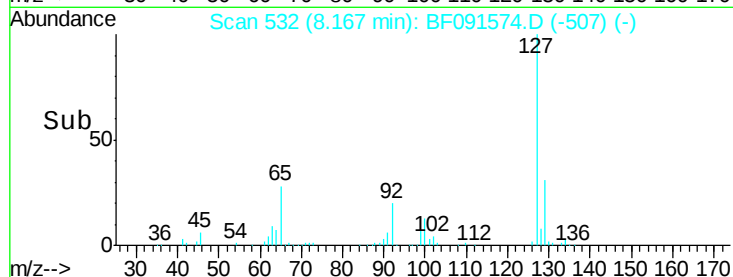
#33
4-Chloroaniline
Concen: 8.37 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.01 min
Lab File: BF091574.D
Acq: 14 Dec 2016 2:25

Instrument :
BNA_F
ClientSampleId :
WC120716MS

Tgt Ion:	127	Resp:	204114
Ion	Ratio	Lower	Upper
127	100		
129	31.0	26.2	39.4
65	31.6	26.6	39.8
92	20.2	15.4	23.0

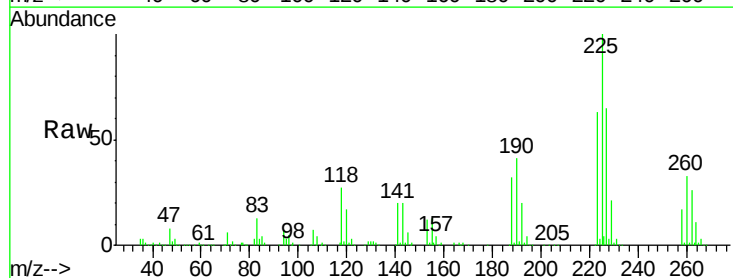


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

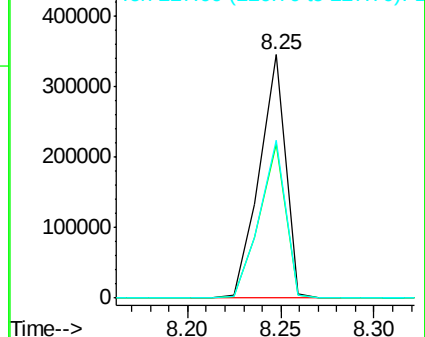
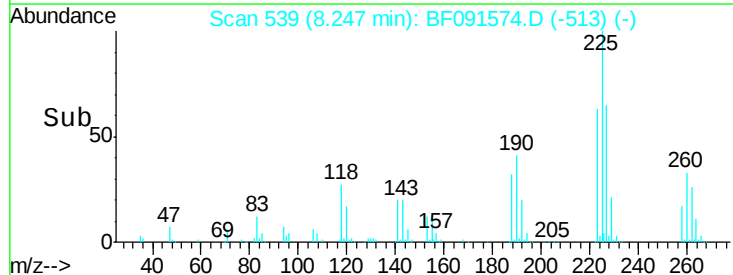


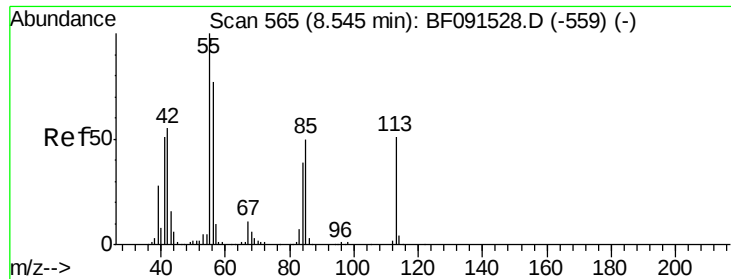
#34
Hexachlorobutadiene
Concen: 33.13 ng
RT: 8.25 min Scan# 539
Delta R.T. -0.00 min
Lab File: BF091574.D
Acq: 14 Dec 2016 2:25

Tgt Ion:	225	Resp:	335141
Ion	Ratio	Lower	Upper
225	100		
223	63.2	49.8	74.6
227	64.6	52.6	79.0



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

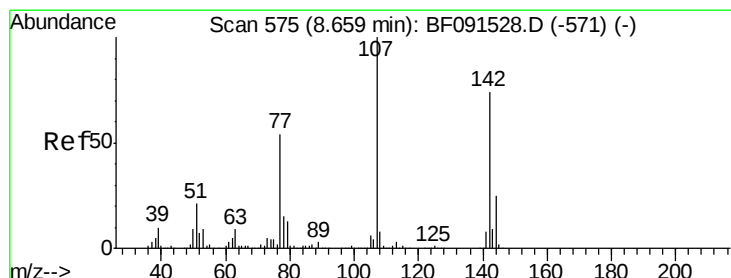
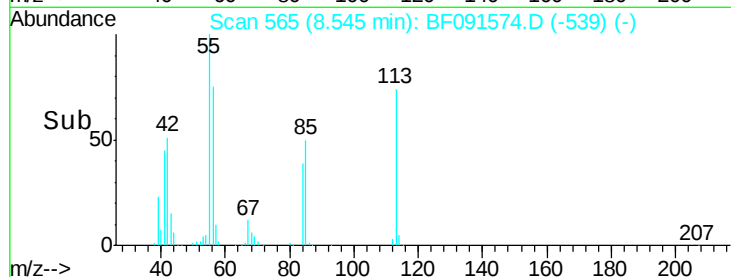
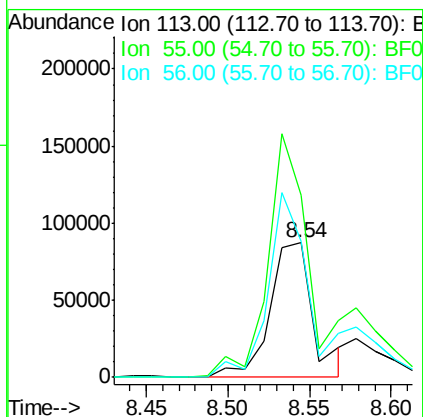
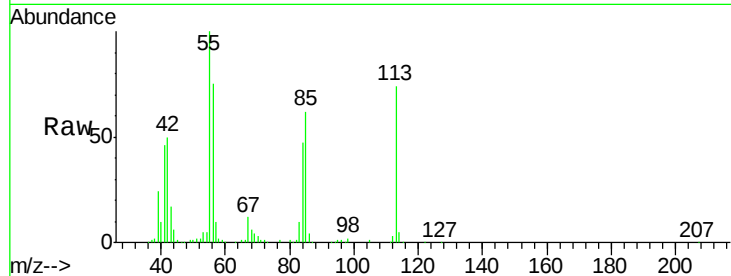




#35
 Caprolactam
 Concen: 35.60 ng
 RT: 8.54 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: BF091574.D
 Acq: 14 Dec 2016 2:25

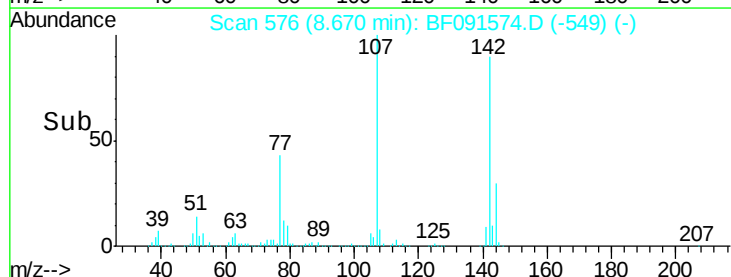
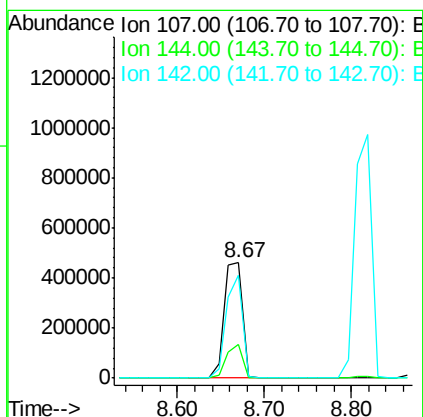
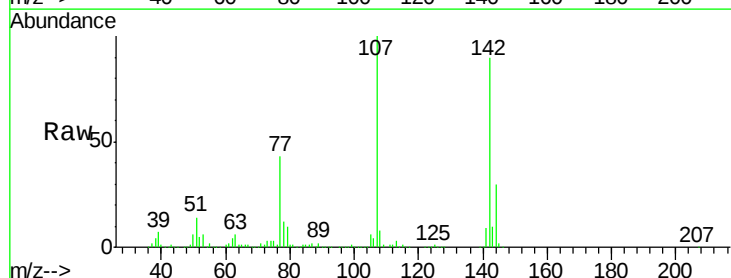
Instrument :
 BNA_F
 ClientSampleId :
 WC120716MS

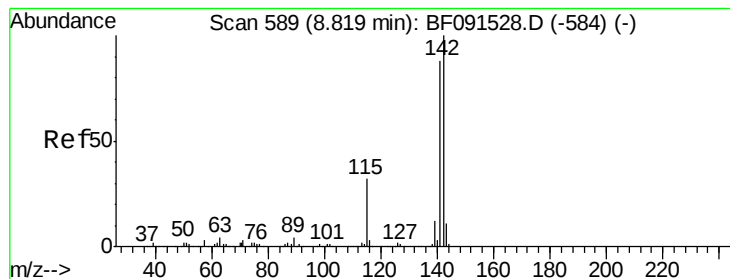
Tgt Ion:113 Resp: 161417
 Ion Ratio Lower Upper
 113 100
 55 135.5 239.8 279.8#
 56 101.7 165.6 205.6#



#36
 4-Chloro-3-methylphenol
 Concen: 38.86 ng
 RT: 8.67 min Scan# 576
 Delta R.T. 0.01 min
 Lab File: BF091574.D
 Acq: 14 Dec 2016 2:25

Tgt Ion:107 Resp: 676673
 Ion Ratio Lower Upper
 107 100
 144 29.6 18.9 28.3#
 142 89.7 58.5 87.7#

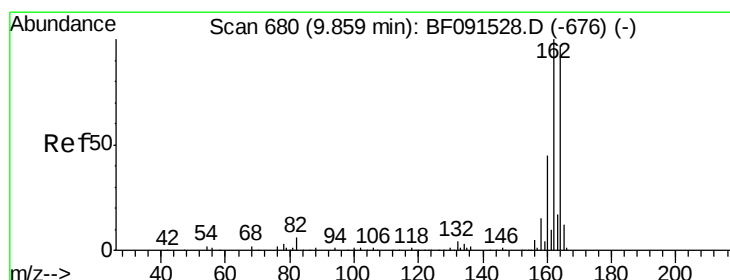
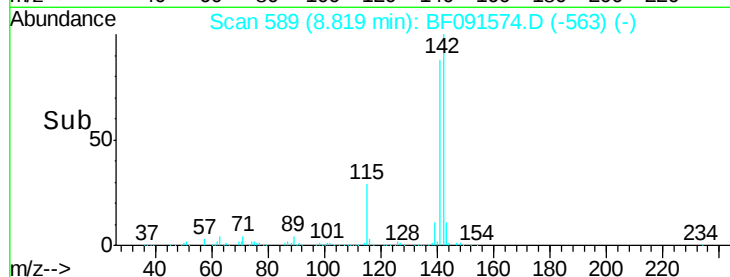
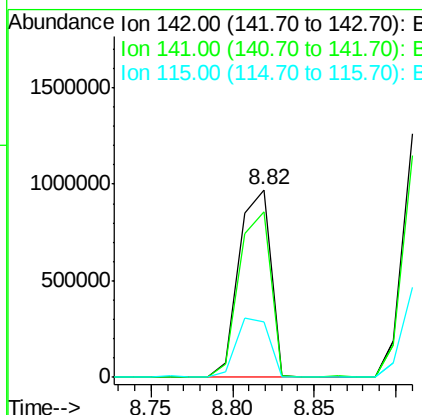
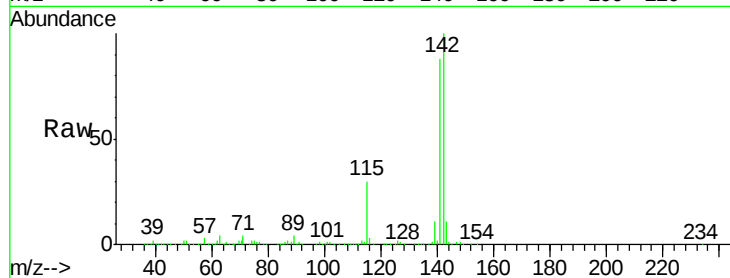




#37
 2-Methylnaphthalene
 Concen: 35.79 ng
 RT: 8.82 min Scan# 589
 Delta R.T. -0.00 min
 Lab File: BF091574.D
 Acq: 14 Dec 2016 2:25

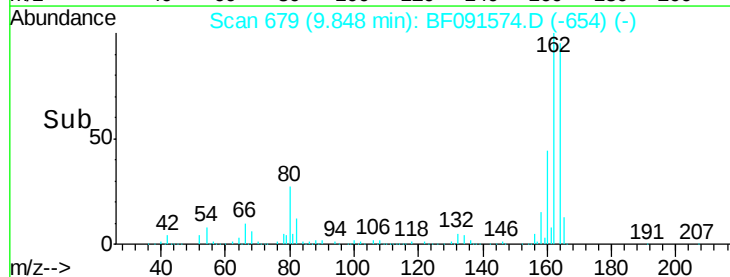
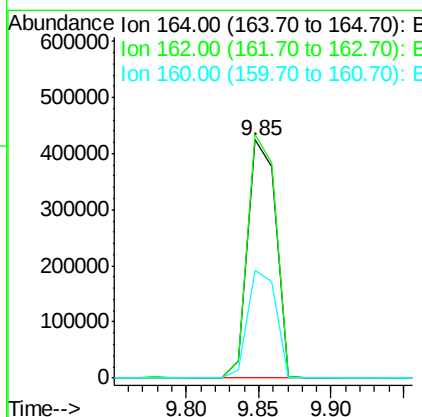
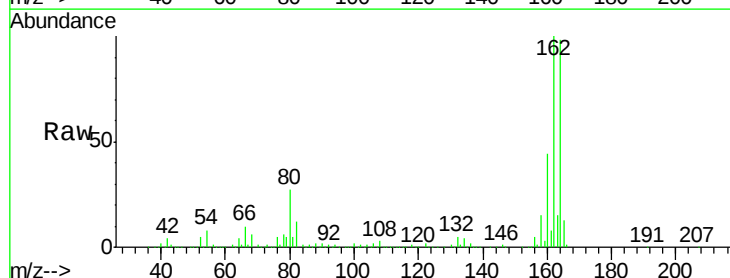
Instrument :
 BNA_F
 ClientSampleId :
 WC120716MS

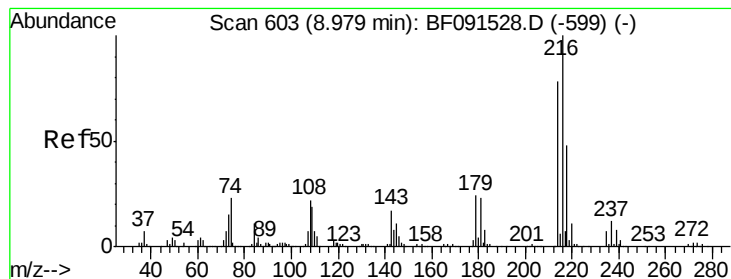
Tgt Ion:142 Resp: 1310658
 Ion Ratio Lower Upper
 142 100
 141 88.1 71.7 107.5
 115 29.5 25.0 37.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.01 min
 Lab File: BF091574.D
 Acq: 14 Dec 2016 2:25

Tgt Ion:164 Resp: 572855
 Ion Ratio Lower Upper
 164 100
 162 102.1 82.6 124.0
 160 45.3 36.7 55.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 33.67 ng

RT: 8.98 min Scan# 603

Delta R.T. -0.00 min

Lab File: BF091574.D

Acq: 14 Dec 2016 2:25

Instrument :

BNA_F

ClientSampleId :

WC120716MS

Tgt Ion:216 Resp: 529019

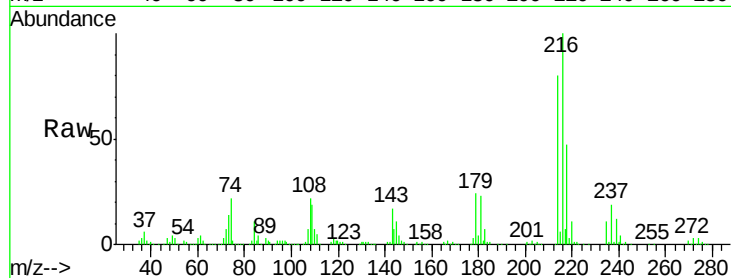
Ion Ratio Lower Upper

216 100

214 79.1 63.8 95.8

179 23.4 18.2 27.2

108 23.6 17.2 25.8

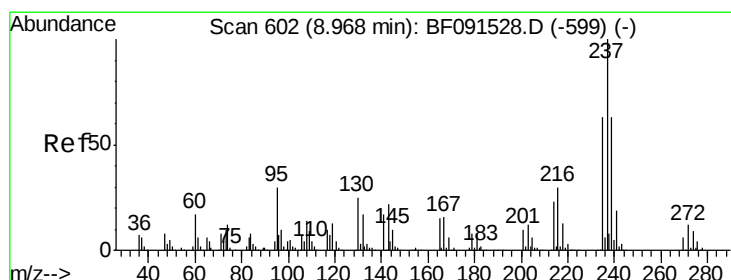
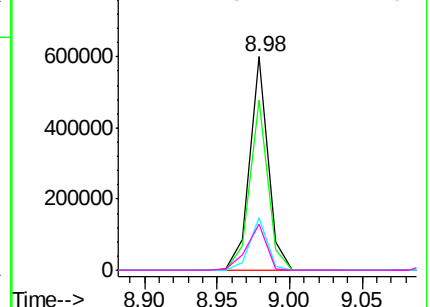
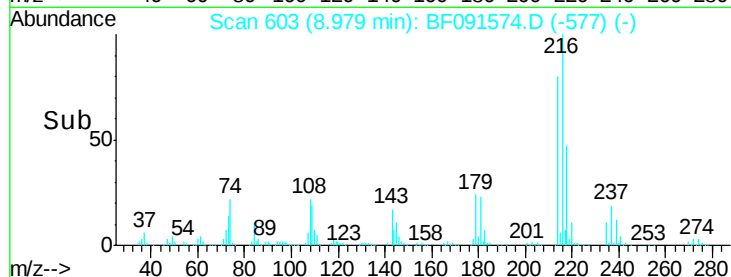


Abundance Ion 216.00 (215.70 to 216.70): E

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: 57.63 ng

RT: 8.97 min Scan# 602

Delta R.T. -0.00 min

Lab File: BF091574.D

Acq: 14 Dec 2016 2:25

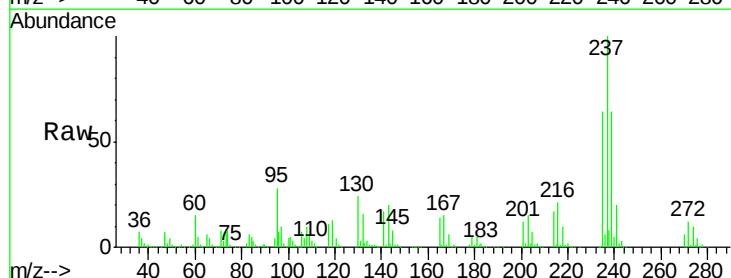
Tgt Ion:237 Resp: 403674

Ion Ratio Lower Upper

237 100

235 64.0 43.9 83.9

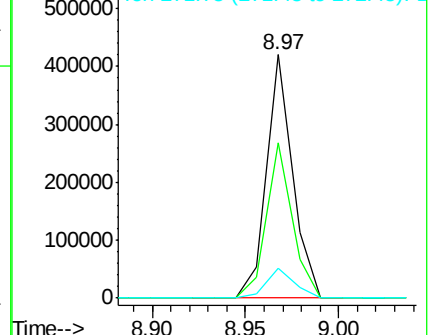
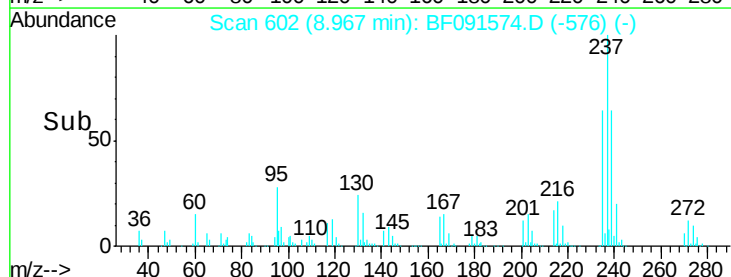
272 12.4 0.0 33.1

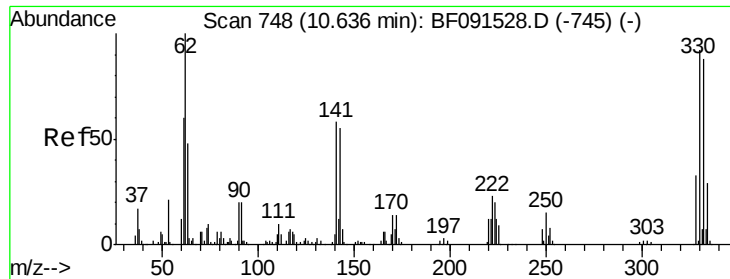


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

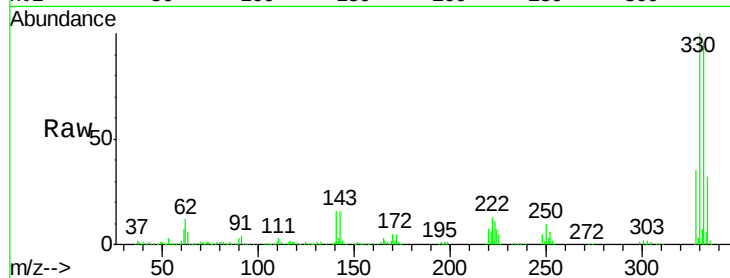




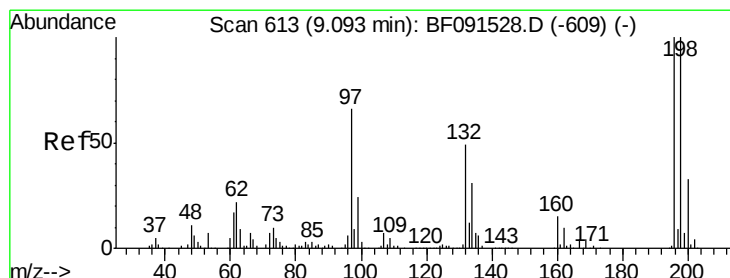
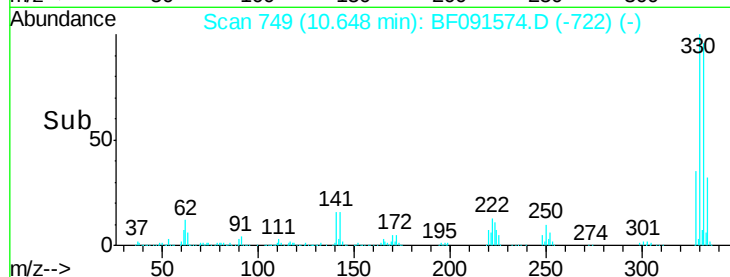
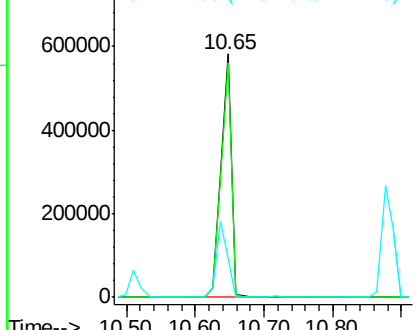
#41
 2,4,6-Tribromophenol
 Concen: 132.54 ng
 RT: 10.65 min Scan# 749
 Delta R.T. 0.01 min
 Lab File: BF091574.D
 Acq: 14 Dec 2016 2:25

Instrument :
 BNA_F
 ClientSampleId :
 WC120716MS

Tgt Ion:330 Resp: 630654
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.2 114.4
 141 32.9 33.6 50.4#

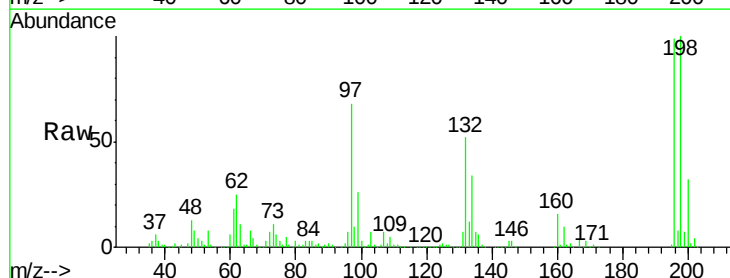


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

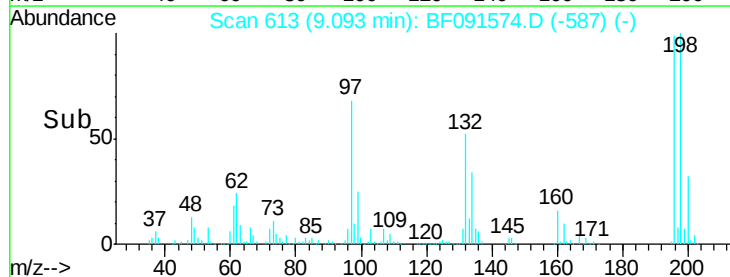
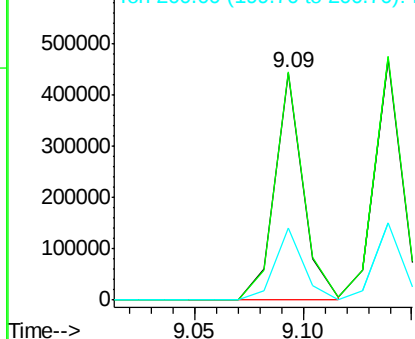


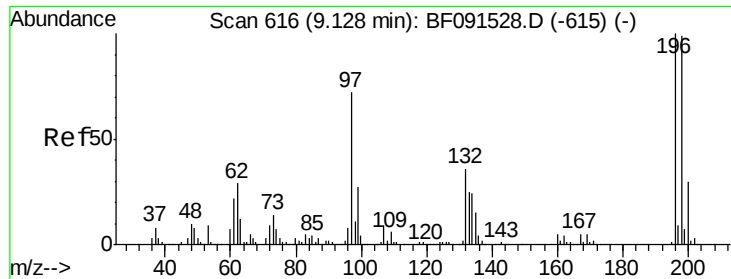
#42
 2,4,6-Trichlorophenol
 Concen: 40.24 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF091574.D
 Acq: 14 Dec 2016 2:25

Tgt Ion:196 Resp: 406225
 Ion Ratio Lower Upper
 196 100
 198 100.6 77.4 116.0
 200 31.8 25.2 37.8



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





#43

2,4,5-Trichlorophenol

Concen: 40.33 ng

RT: 9.14 min Scan# 617

Delta R.T. 0.01 min

Lab File: BF091574.D

Acq: 14 Dec 2016 2:25

Instrument :

BNA_F

ClientSampleId :

WC120716MS

Tgt Ion:196 Resp: 418438

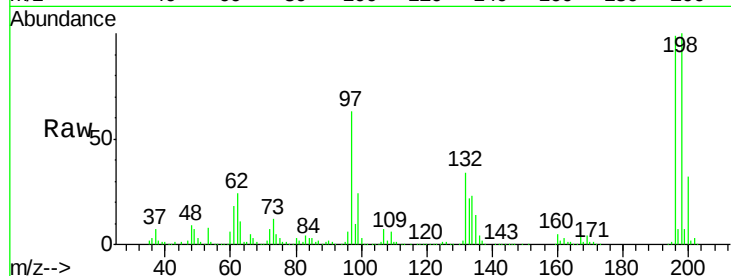
Ion Ratio Lower Upper

196 100

198 101.1 77.0 115.6

97 63.9 33.5 50.3#

132 34.2 20.5 30.7#

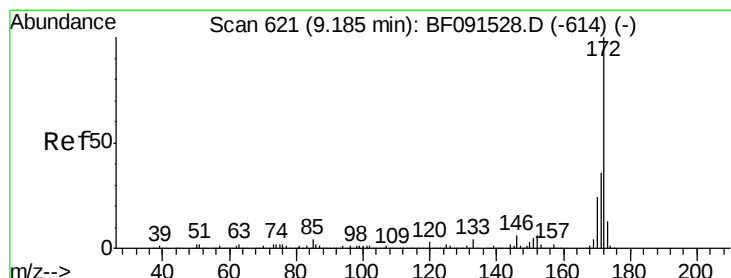
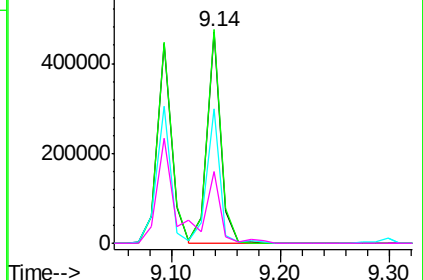
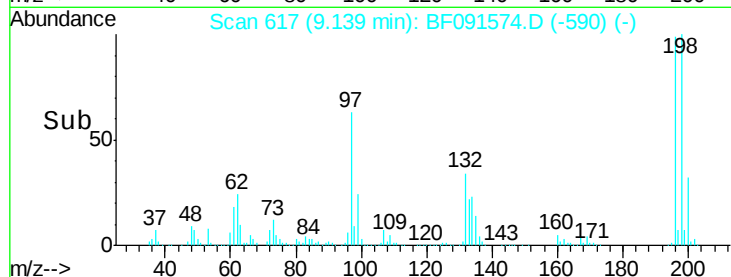


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44

2-Fluorobiphenyl

Concen: 72.45 ng

RT: 9.18 min Scan# 621

Delta R.T. -0.00 min

Lab File: BF091574.D

Acq: 14 Dec 2016 2:25

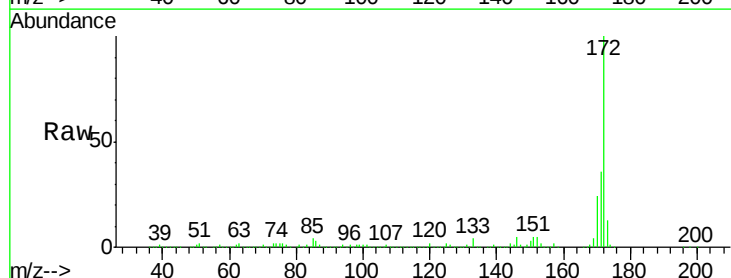
Tgt Ion:172 Resp: 2402091

Ion Ratio Lower Upper

172 100

171 35.6 29.4 44.0

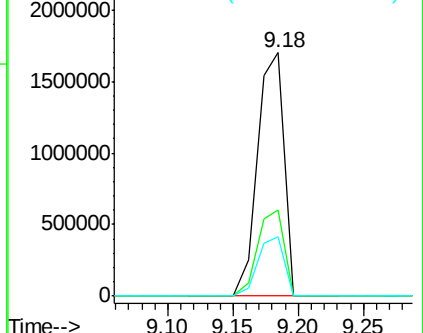
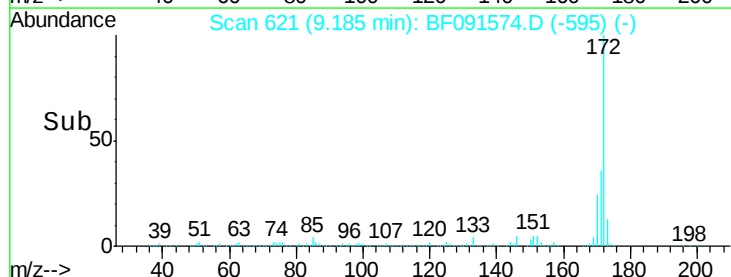
170 24.2 19.7 29.5

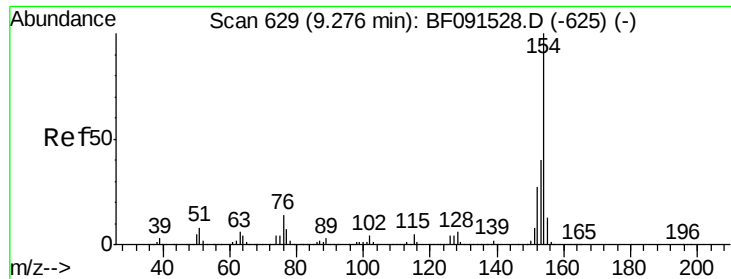


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

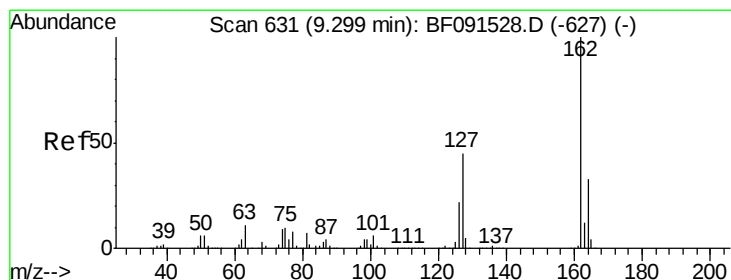
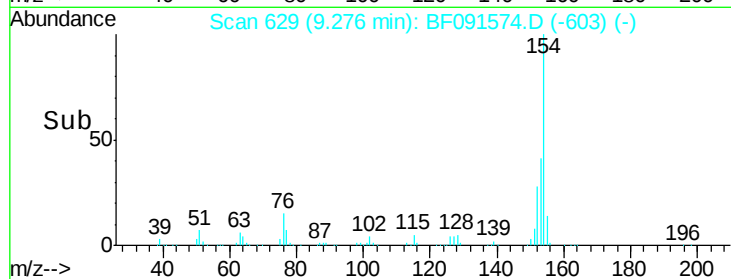
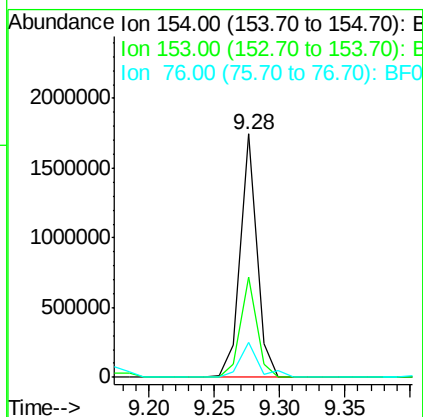
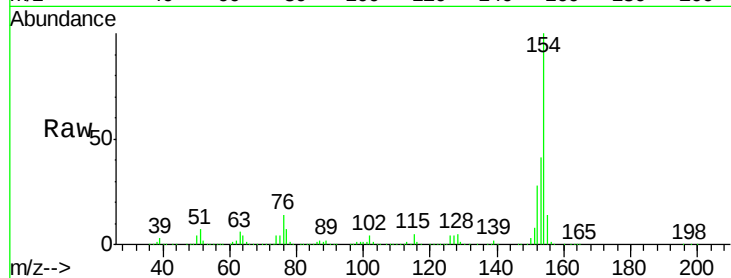




#45
 1,1'-Biphenyl
 Concen: 36.95 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.00 min
 Lab File: BF091574.D
 Acq: 14 Dec 2016 2:25

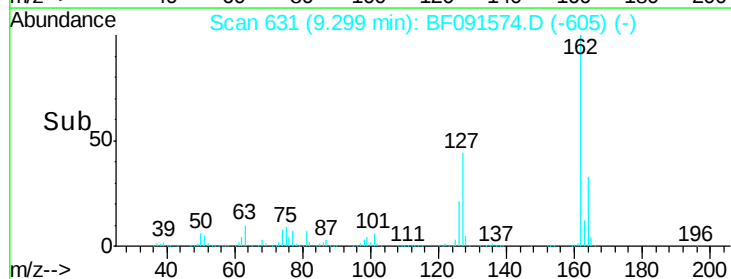
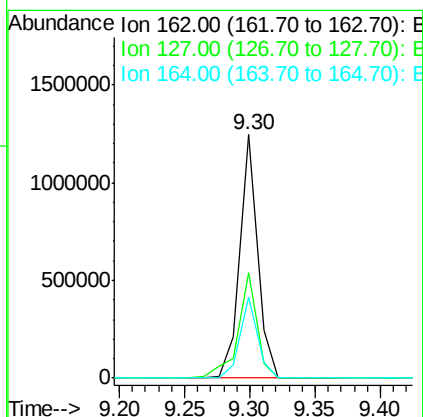
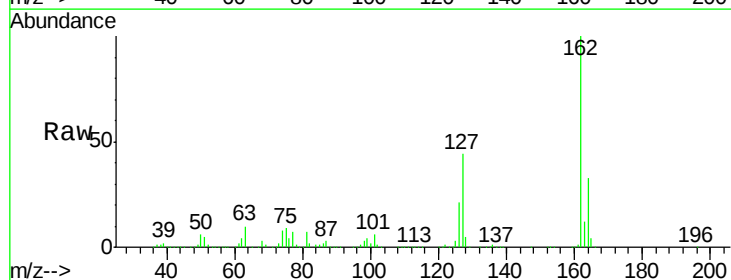
Instrument :
 BNA_F
 ClientSampleId :
 WC120716MS

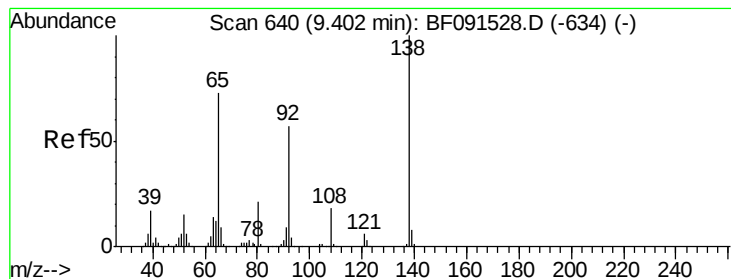
Tgt Ion:154 Resp: 1533175
 Ion Ratio Lower Upper
 154 100
 153 41.0 20.6 60.6
 76 14.5 0.0 36.6



#46
 2-Chloronaphthalene
 Concen: 36.46 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.00 min
 Lab File: BF091574.D
 Acq: 14 Dec 2016 2:25

Tgt Ion:162 Resp: 1171323
 Ion Ratio Lower Upper
 162 100
 127 43.5 34.3 51.5
 164 33.4 26.6 40.0





#47

2-Nitroaniline

Concen: 42.10 ng

RT: 9.40 min Scan# 640

Delta R.T. -0.00 min

Lab File: BF091574.D

Acq: 14 Dec 2016 2:25

Instrument :

BNA_F

ClientSampleId :

WC120716MS

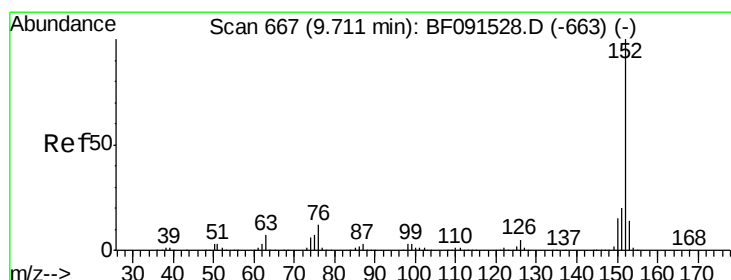
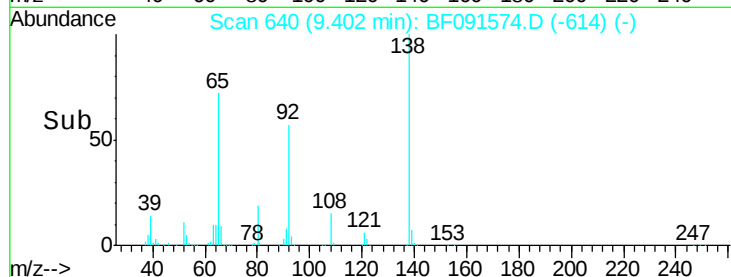
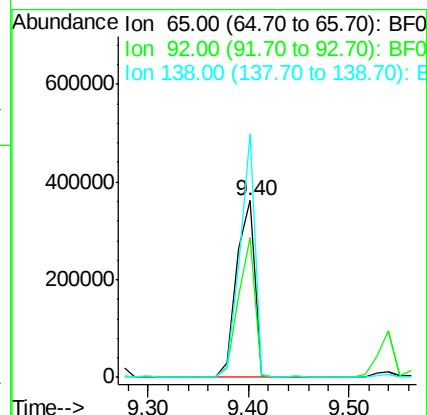
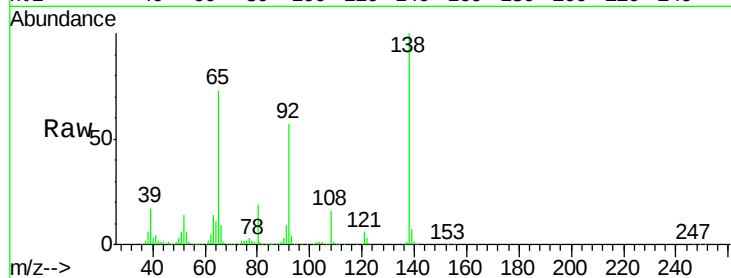
Tgt Ion: 65 Resp: 454847

Ion Ratio Lower Upper

65 100

92 78.9 53.6 80.4

138 137.6 91.0 136.6#



#48

Acenaphthylene

Concen: 38.75 ng

RT: 9.71 min Scan# 667

Delta R.T. -0.00 min

Lab File: BF091574.D

Acq: 14 Dec 2016 2:25

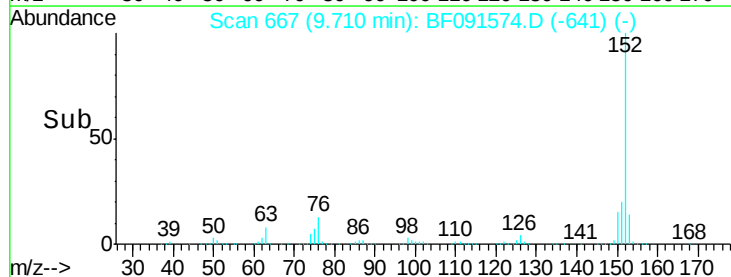
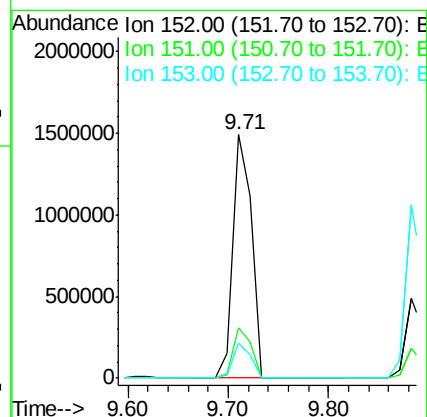
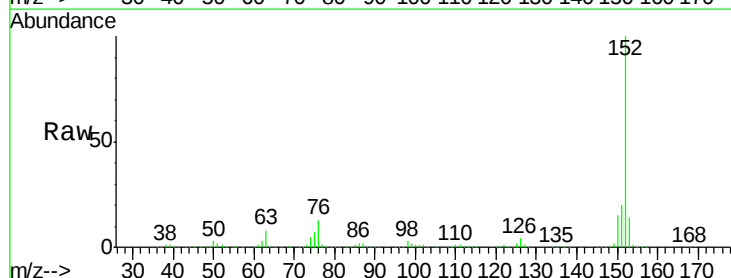
Tgt Ion: 152 Resp: 1898030

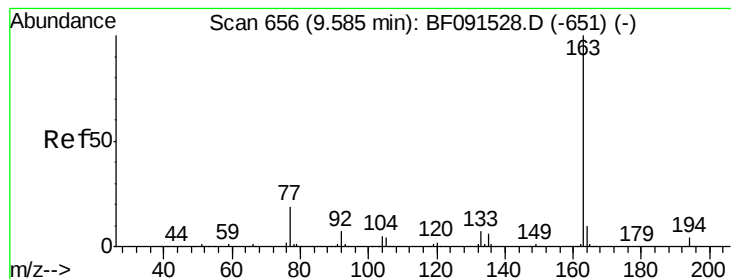
Ion Ratio Lower Upper

152 100

151 20.4 16.6 24.8

153 14.3 10.7 16.1





#49

Dimethylphthalate

Concen: 46.31 ng

RT: 9.58 min Scan# 656

Delta R.T. -0.00 min

Lab File: BF091574.D

Acq: 14 Dec 2016 2:25

Instrument :

BNA_F

ClientSampleId :

WC120716MS

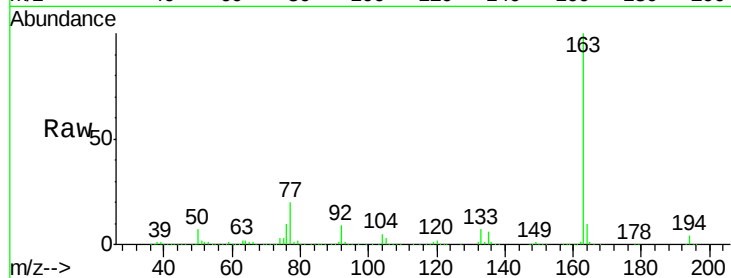
Tgt Ion:163 Resp: 1679812

Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.4

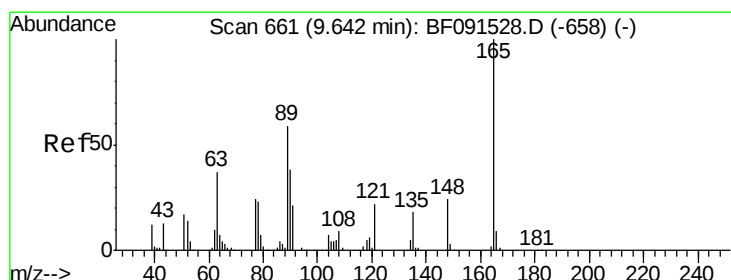
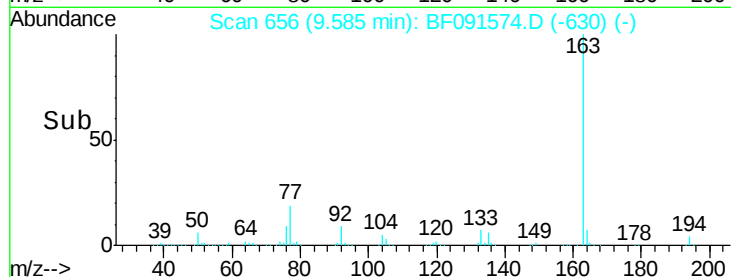
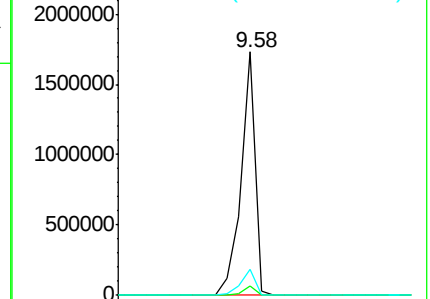
164 10.5 7.8 11.8



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: 47.07 ng

RT: 9.64 min Scan# 661

Delta R.T. -0.00 min

Lab File: BF091574.D

Acq: 14 Dec 2016 2:25

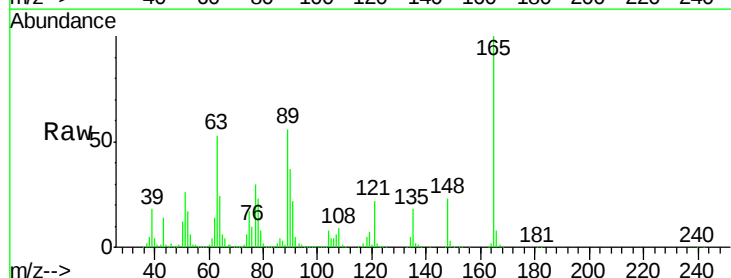
Tgt Ion:165 Resp: 374704

Ion Ratio Lower Upper

165 100

63 53.3 59.4 89.0#

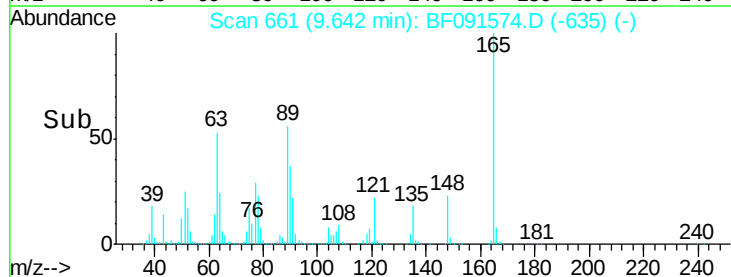
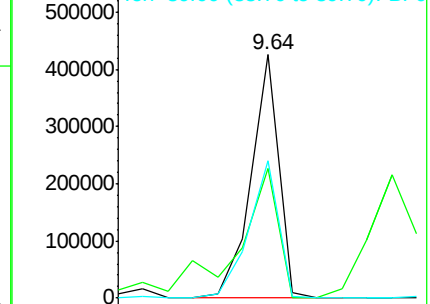
89 56.4 50.8 76.2

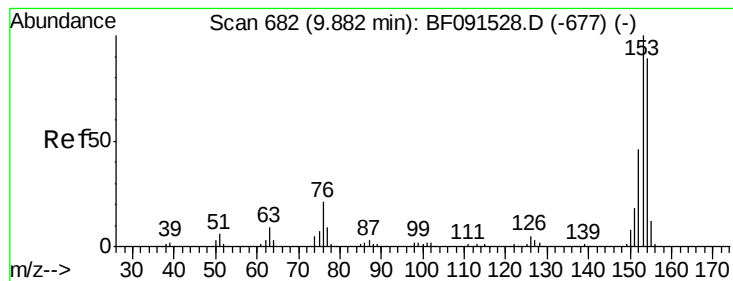


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.74 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.00 min

Lab File: BF091574.D

Acq: 14 Dec 2016 2:25

Instrument :

BNA_F

ClientSampleId :

WC120716MS

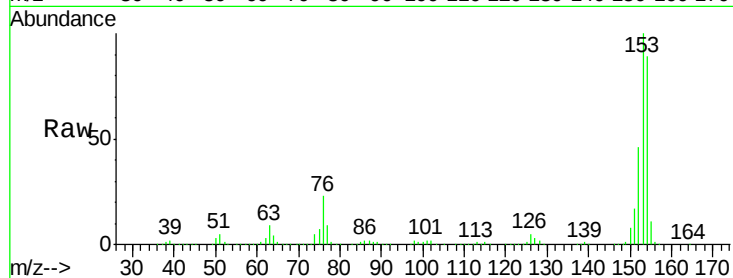
Tgt Ion:154 Resp: 1283713

Ion Ratio Lower Upper

154 100

153 111.9 91.0 136.6

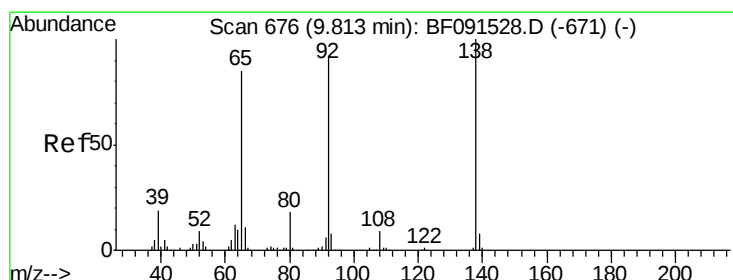
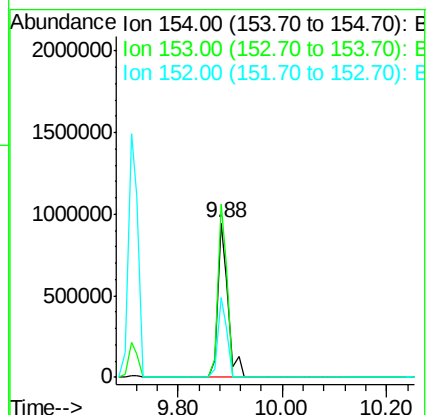
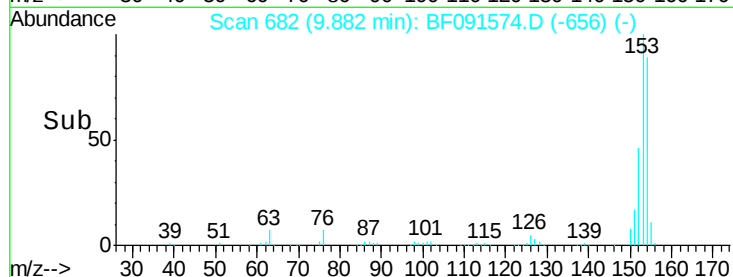
152 52.0 44.2 66.2



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: 16.56 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF091574.D

Acq: 14 Dec 2016 2:25

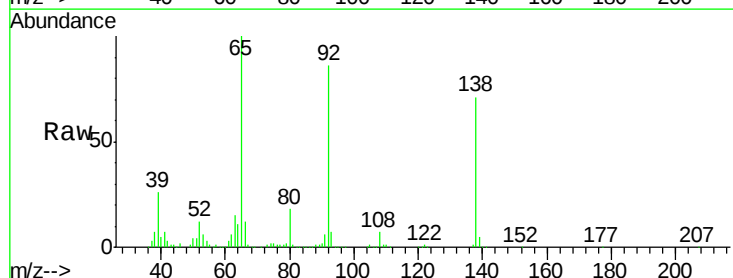
Tgt Ion:138 Resp: 154862

Ion Ratio Lower Upper

138 100

108 10.6 8.1 12.1

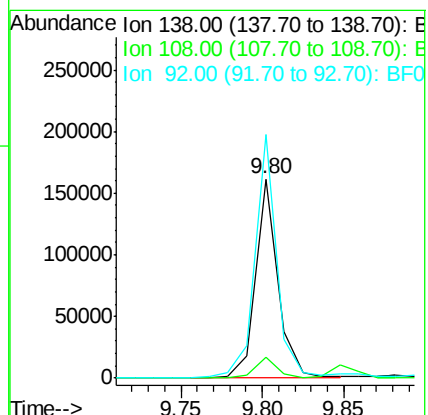
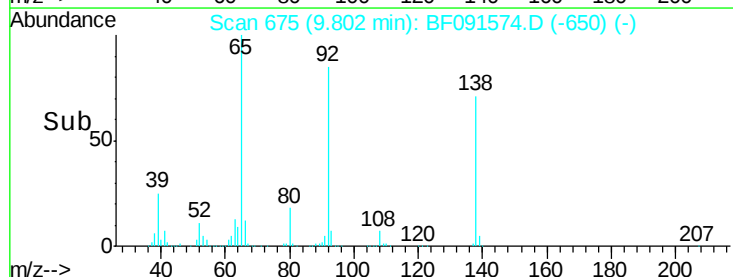
92 122.3 92.5 138.7

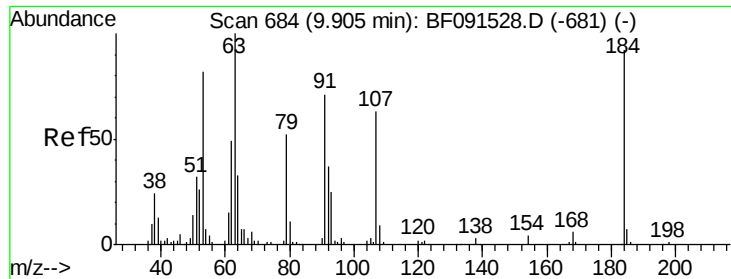


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

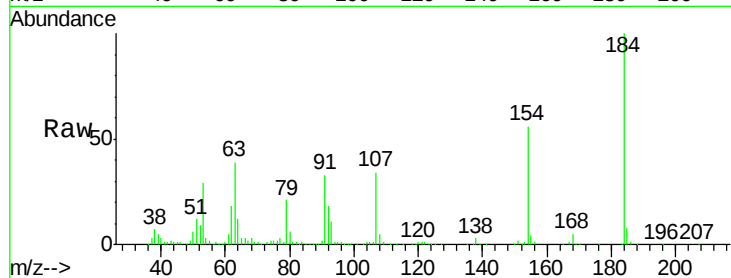




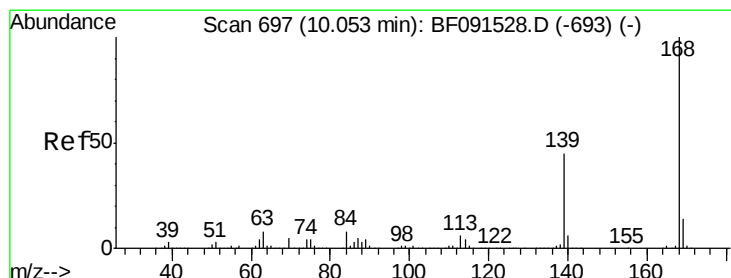
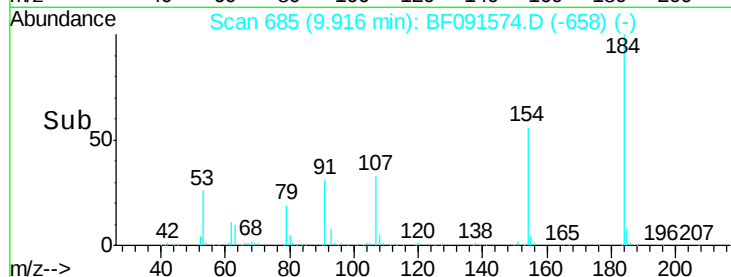
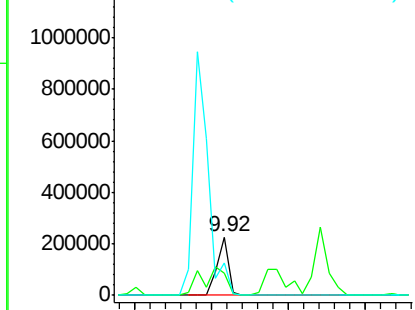
#53
2,4-Dinitrophenol
Concen: 57.94 ng
RT: 9.92 min Scan# 685
Delta R.T. 0.01 min
Lab File: BF091574.D
Acq: 14 Dec 2016 2:25

Instrument :
BNA_F
ClientSampleId :
WC120716MS

Tgt Ion:184 Resp: 237101
Ion Ratio Lower Upper
184 100
63 38.7 58.3 87.5#
154 56.2 48.6 73.0

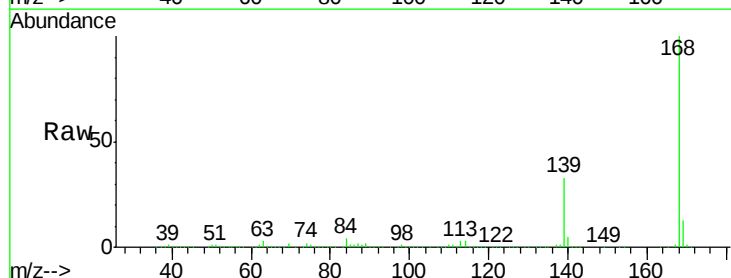


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

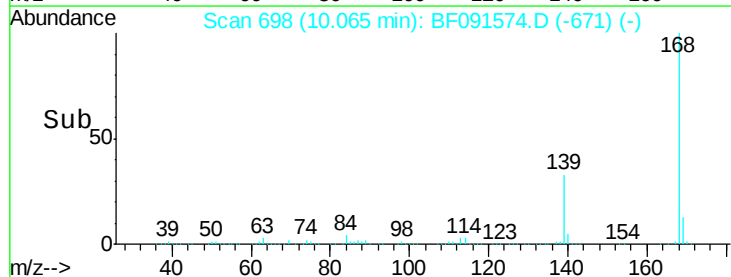
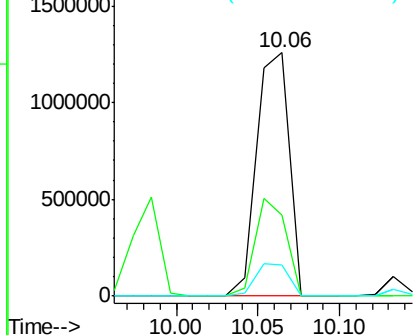


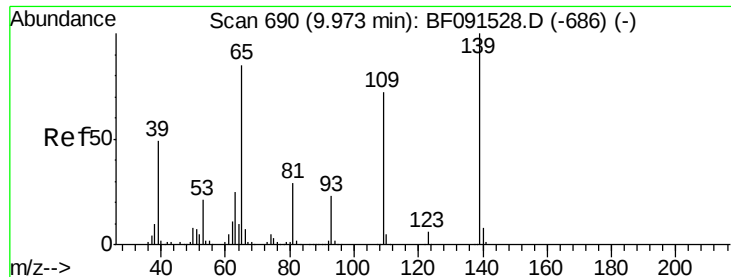
#54
Dibenzofuran
Concen: 41.49 ng
RT: 10.06 min Scan# 698
Delta R.T. 0.01 min
Lab File: BF091574.D
Acq: 14 Dec 2016 2:25

Tgt Ion:168 Resp: 1746167
Ion Ratio Lower Upper
168 100
139 33.5 33.4 50.2
169 13.0 11.1 16.7



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

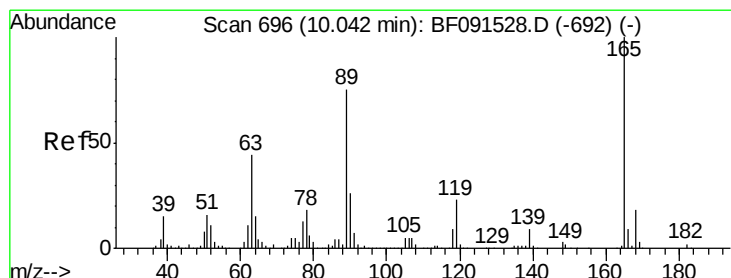
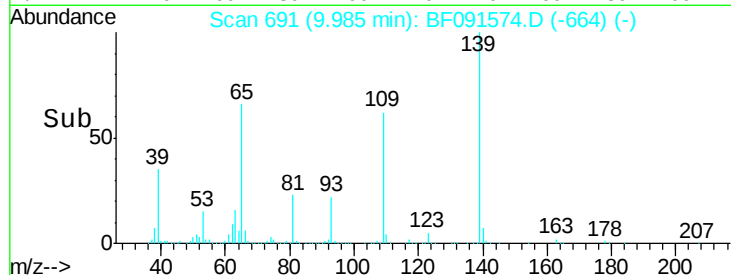
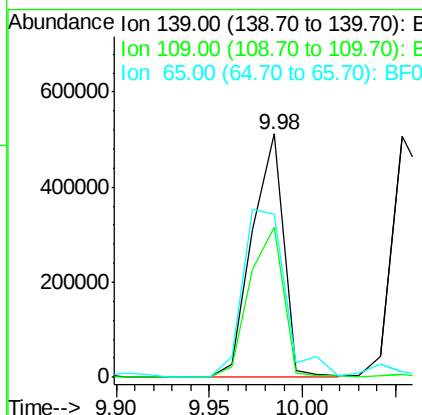
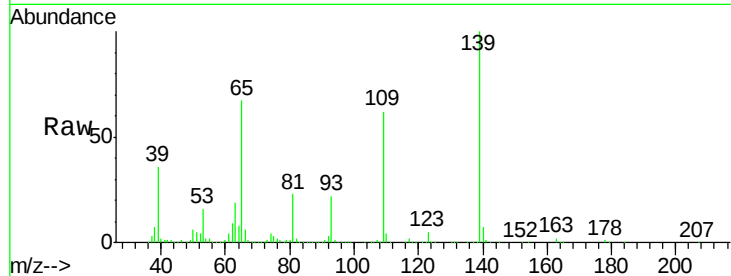




#55
4-Nitrophenol
Concen: 86.16 ng
RT: 9.98 min Scan# 691
Delta R.T. 0.01 min
Lab File: BF091574.D
Acq: 14 Dec 2016 2:25

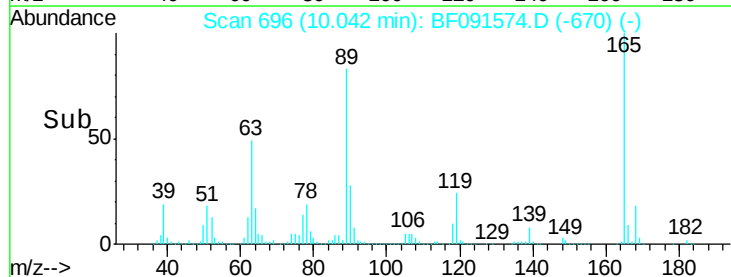
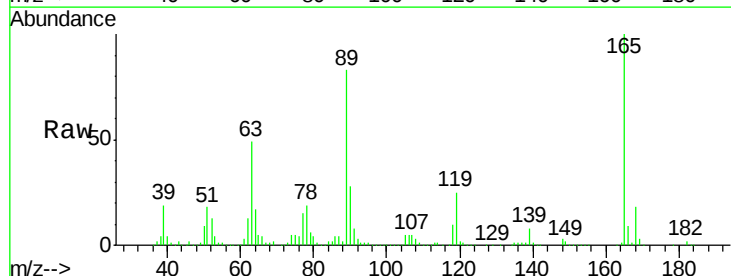
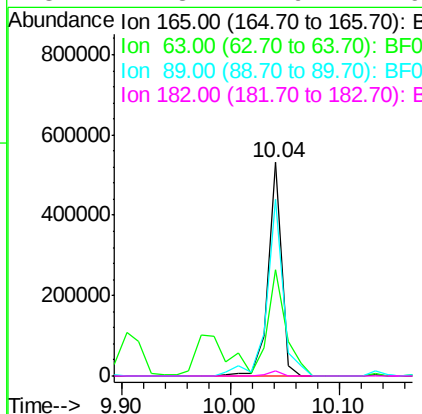
Instrument :
BNA_F
ClientSampleId :
WC120716MS

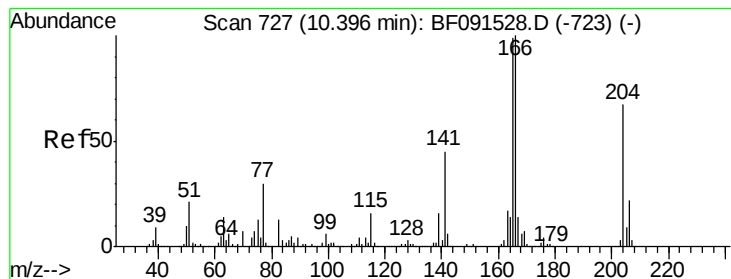
Tgt Ion:139 Resp: 599515
Ion Ratio Lower Upper
139 100
109 61.8 54.9 94.9
65 66.7 102.2 142.2#



#56
2,4-Dinitrotoluene
Concen: 46.42 ng
RT: 10.04 min Scan# 696
Delta R.T. -0.00 min
Lab File: BF091574.D
Acq: 14 Dec 2016 2:25

Tgt Ion:165 Resp: 463197
Ion Ratio Lower Upper
165 100
63 49.5 29.0 43.4#
89 82.9 43.1 64.7#
182 2.3 1.9 2.9





#57

Fluorene

Concen: 40.80 ng

RT: 10.40 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF091574.D

Acq: 14 Dec 2016 2:25

Instrument :

BNA_F

ClientSampleId :

WC120716MS

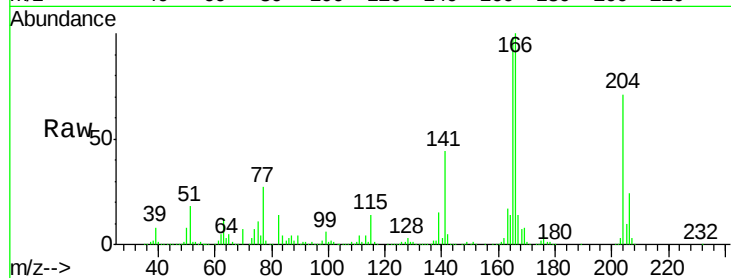
Tgt Ion:166 Resp: 1241081

Ion Ratio Lower Upper

166 100

165 97.8 80.0 120.0

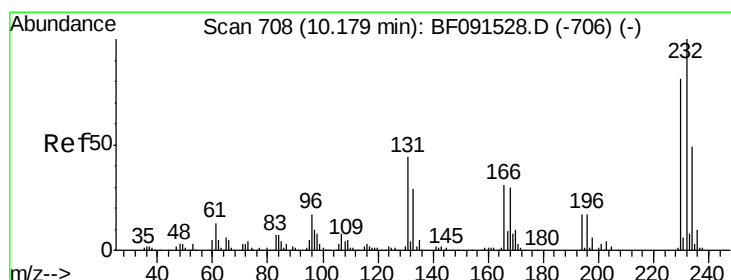
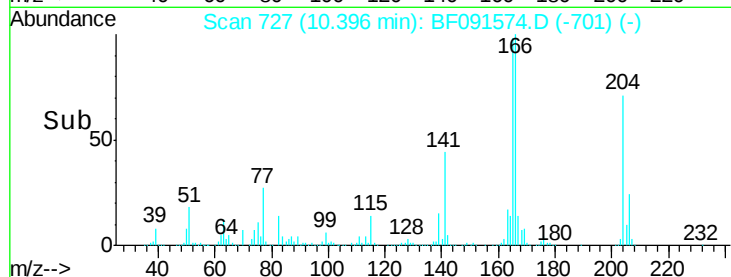
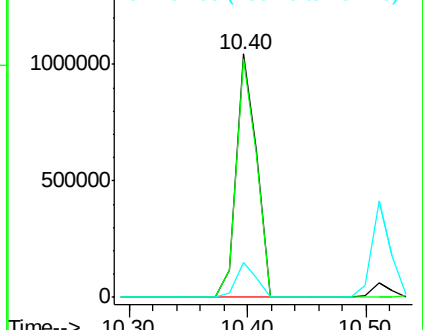
167 14.2 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 45.11 ng

RT: 10.18 min Scan# 708

Delta R.T. -0.00 min

Lab File: BF091574.D

Acq: 14 Dec 2016 2:25

Tgt Ion:232 Resp: 366375

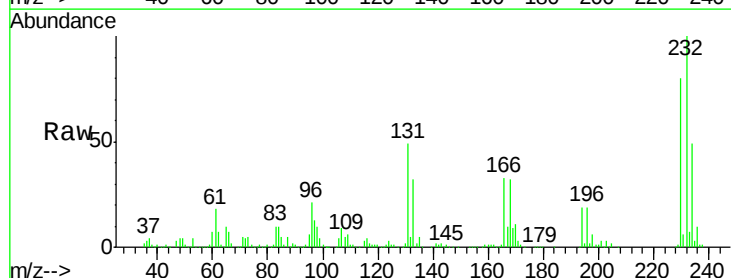
Ion Ratio Lower Upper

232 100

131 51.9 38.4 57.6

130 2.5 1.8 2.8

166 33.1 23.9 35.9

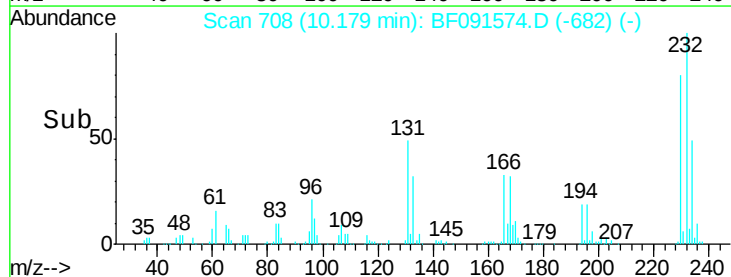
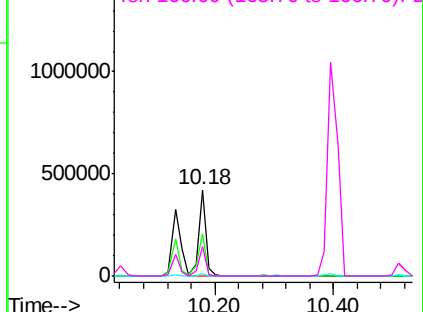


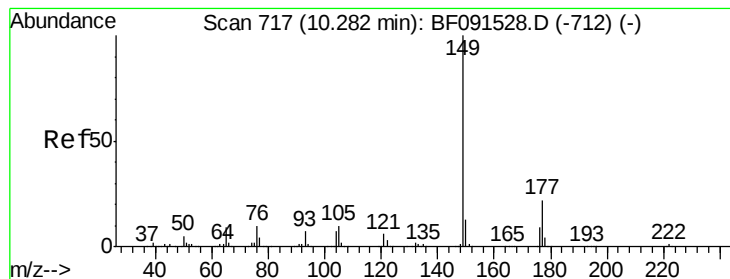
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 45.83 ng

RT: 10.28 min Scan# 717

Delta R.T. -0.00 min

Lab File: BF091574.D

Acq: 14 Dec 2016 2:25

Instrument :

BNA_F

ClientSampleId :

WC120716MS

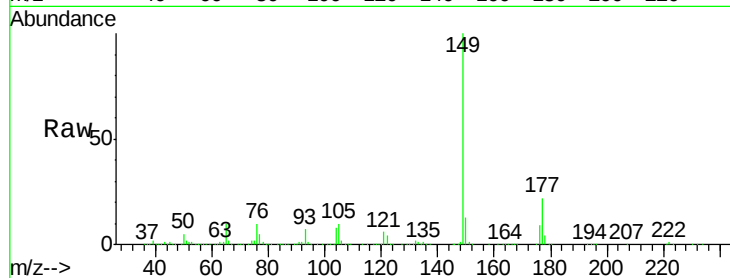
Tgt Ion:149 Resp: 1600667

Ion Ratio Lower Upper

149 100

177 22.2 15.7 23.5

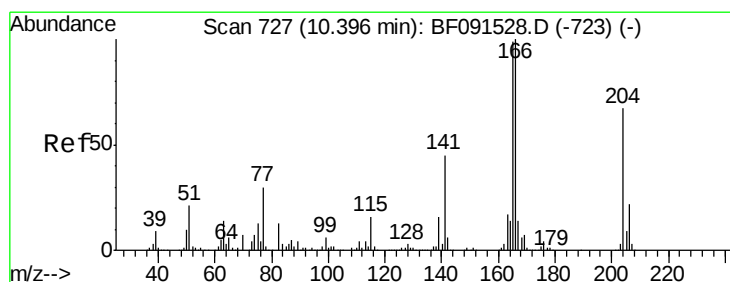
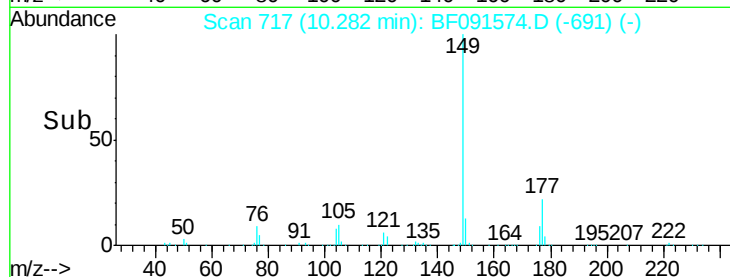
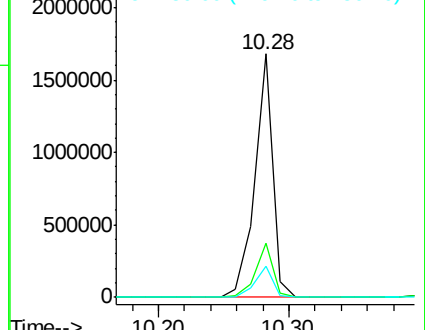
150 12.8 10.2 15.2



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: 41.99 ng

RT: 10.40 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF091574.D

Acq: 14 Dec 2016 2:25

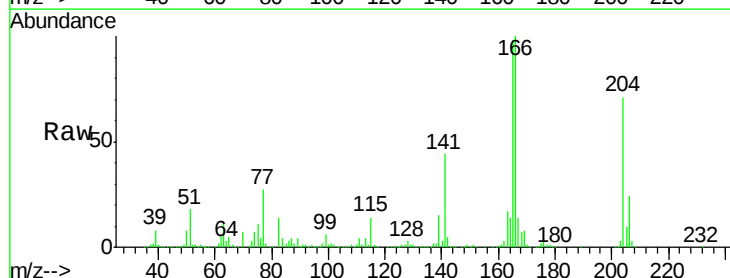
Tgt Ion:204 Resp: 635503

Ion Ratio Lower Upper

204 100

206 33.1 26.1 39.1

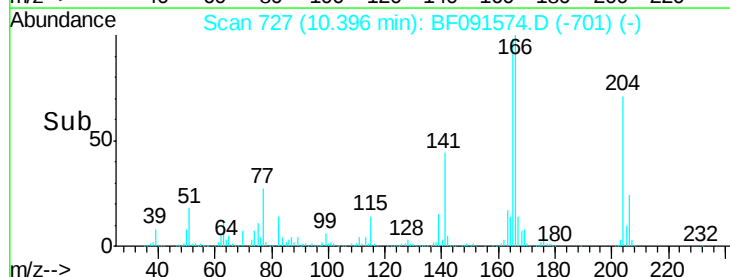
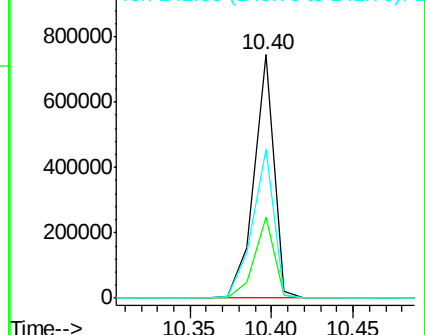
141 61.1 40.6 61.0#

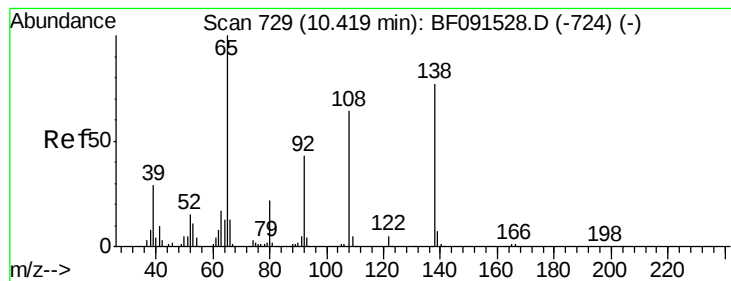


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 34.66 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF091574.D

Acq: 14 Dec 2016 2:25

Instrument :

BNA_F

ClientSampleId :

WC120716MS

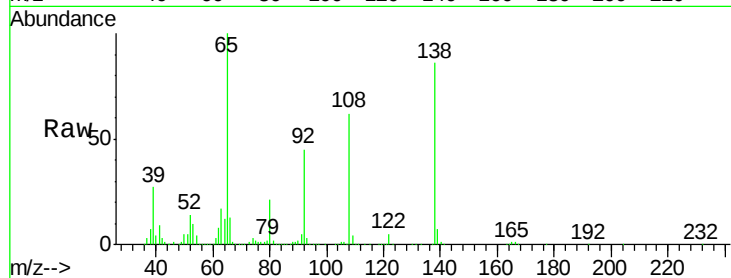
Tgt Ion:138 Resp: 322113

Ion Ratio Lower Upper

138 100

92 52.2 26.9 66.9

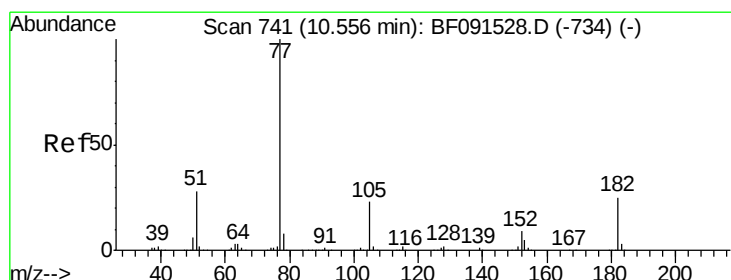
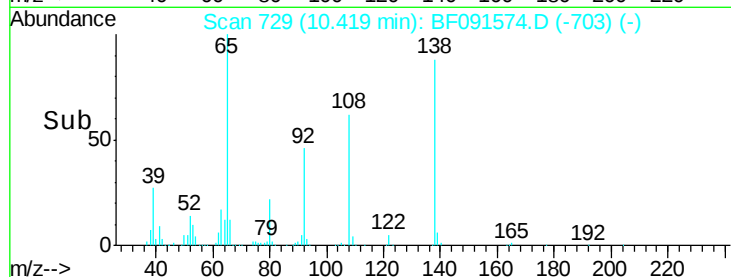
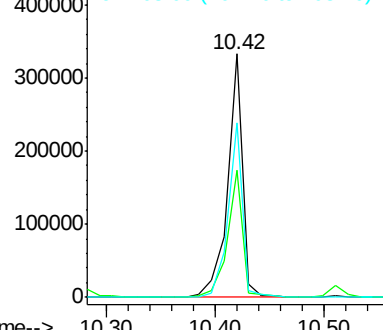
108 71.5 49.1 89.1



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 45.26 ng

RT: 10.56 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF091574.D

Acq: 14 Dec 2016 2:25

Tgt Ion: 77 Resp: 1791454

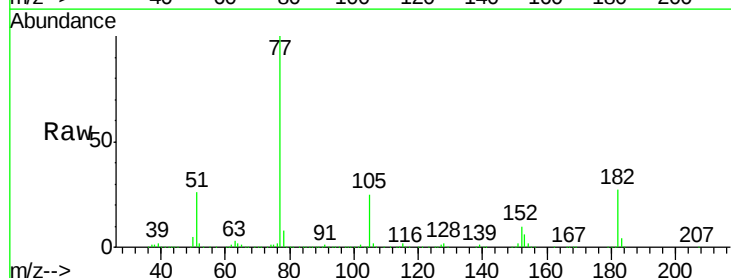
Ion Ratio Lower Upper

77 100

182 26.8 12.5 52.5

105 25.2 3.7 43.7

51 25.8 11.9 51.9

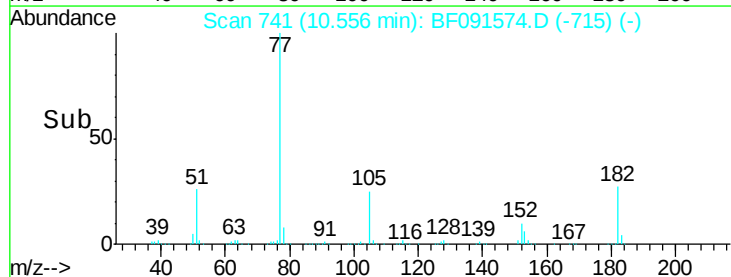
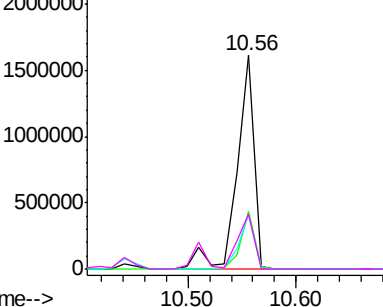


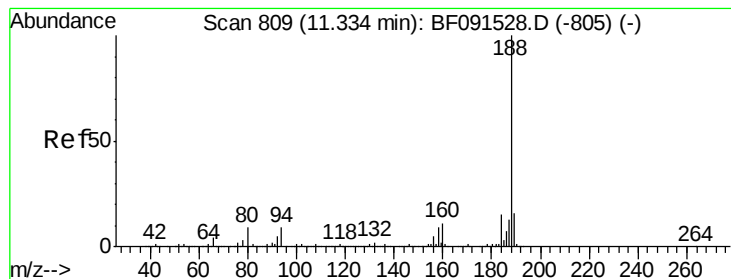
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.33 min Scan# 809

Delta R.T. -0.00 min

Lab File: BF091574.D

Acq: 14 Dec 2016 2:25

Instrument :

BNA_F

ClientSampleId :

WC120716MS

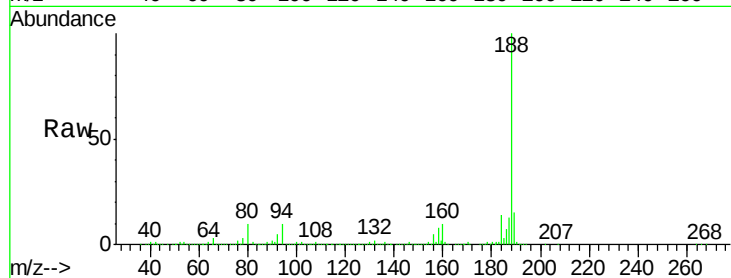
Tgt Ion:188 Resp: 854646

Ion Ratio Lower Upper

188 100

94 9.6 9.2 13.8

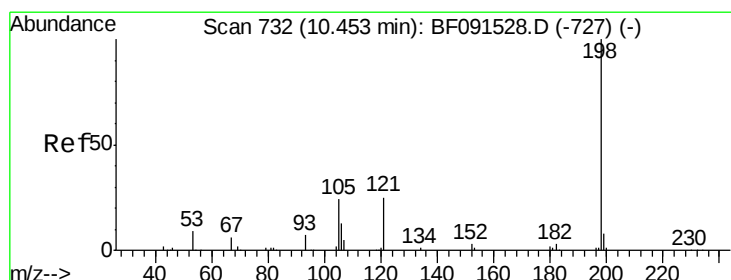
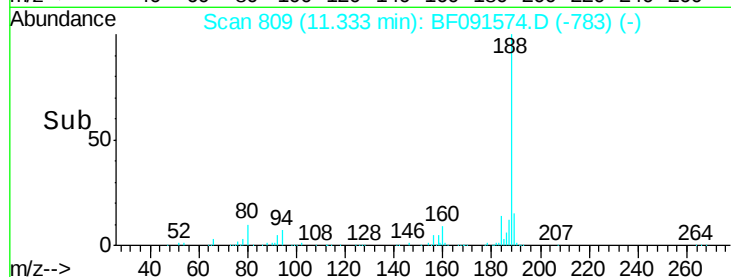
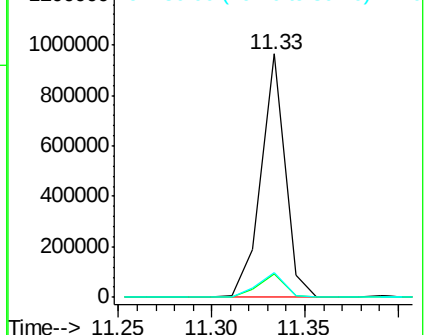
80 10.1 10.5 15.7#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 34.76 ng

RT: 10.45 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF091574.D

Acq: 14 Dec 2016 2:25

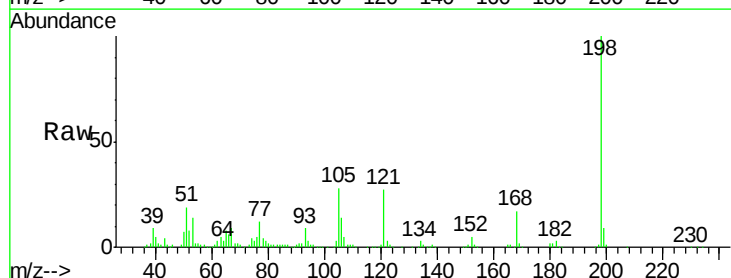
Tgt Ion:198 Resp: 175930

Ion Ratio Lower Upper

198 100

51 18.6 77.1 117.1#

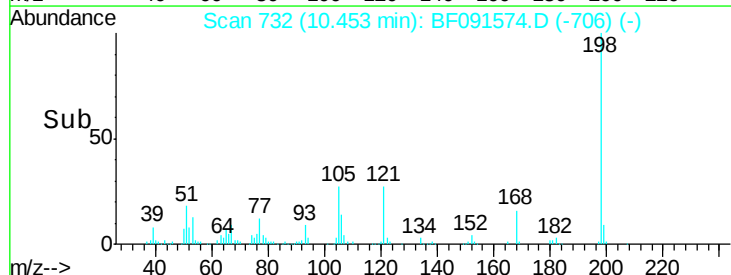
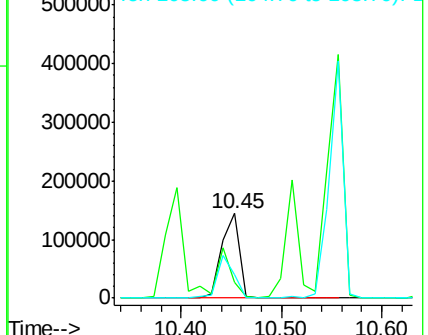
105 27.5 44.8 84.8#

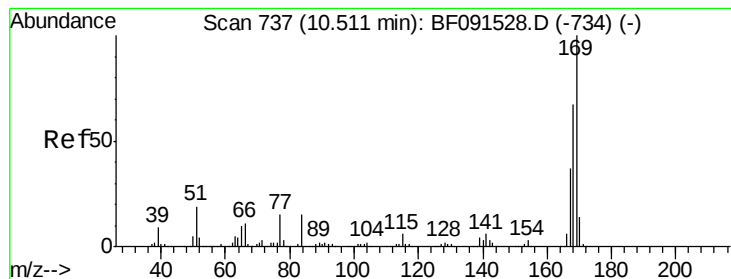


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 47.41 ng

RT: 10.51 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF091574.D

Acq: 14 Dec 2016 2:25

Instrument :

BNA_F

ClientSampleId :

WC120716MS

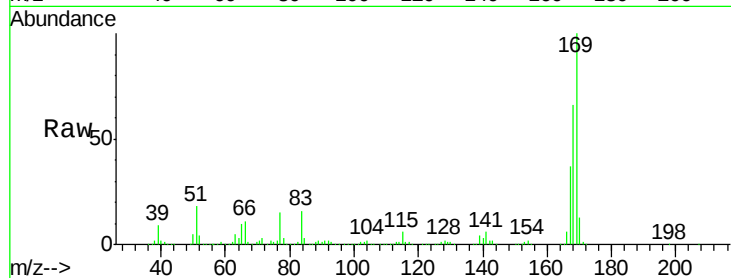
Tgt Ion:169 Resp: 1207964

Ion Ratio Lower Upper

169 100

168 66.4 53.8 80.8

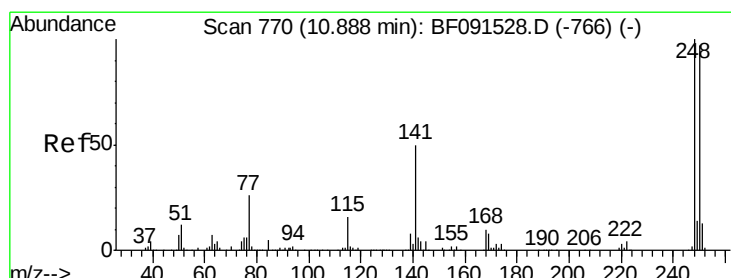
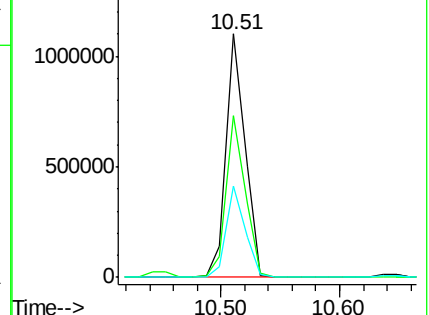
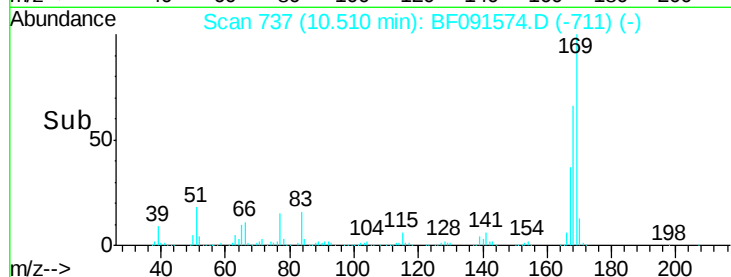
167 37.4 29.8 44.8



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: 47.07 ng

RT: 10.89 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF091574.D

Acq: 14 Dec 2016 2:25

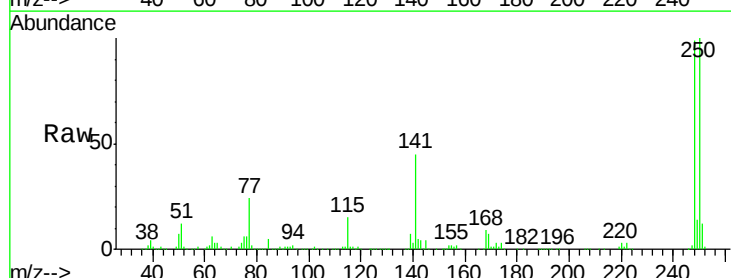
Tgt Ion:248 Resp: 412437

Ion Ratio Lower Upper

248 100

250 101.1 78.2 117.4

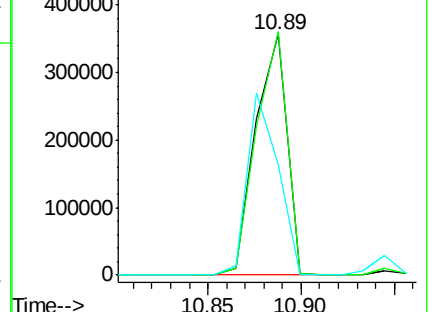
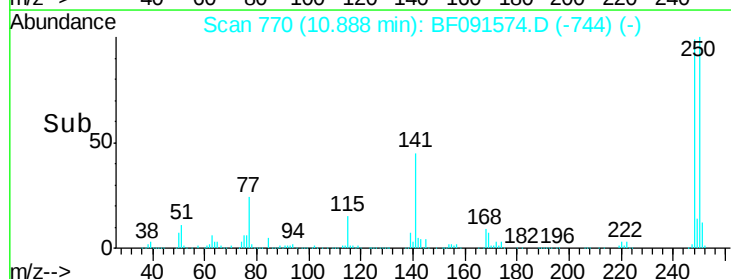
141 45.6 71.9 107.9#

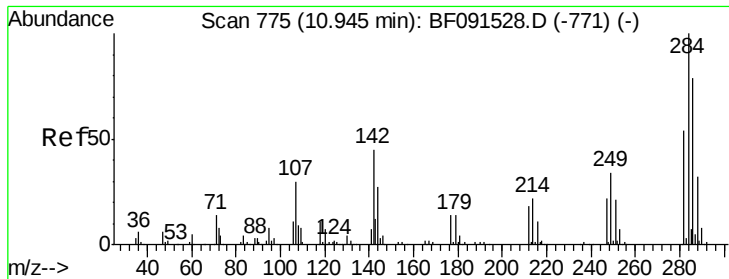


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 44.01 ng

RT: 10.94 min Scan# 775

Delta R.T. -0.00 min

Lab File: BF091574.D

Acq: 14 Dec 2016 2:25

Instrument :

BNA_F

ClientSampleId :

WC120716MS

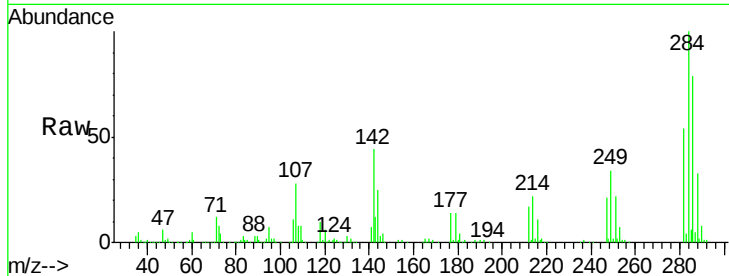
Tgt Ion:284 Resp: 400983

Ion Ratio Lower Upper

284 100

142 44.2 17.9 26.9#

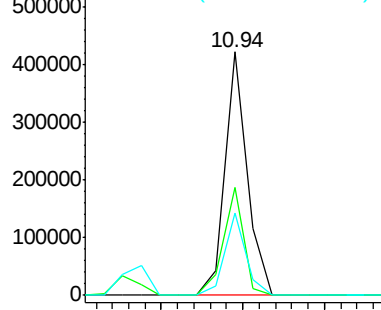
249 34.0 23.6 35.4



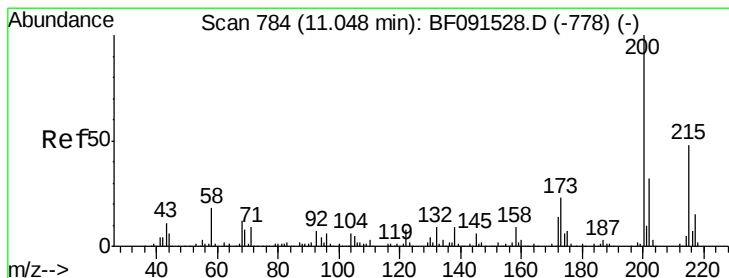
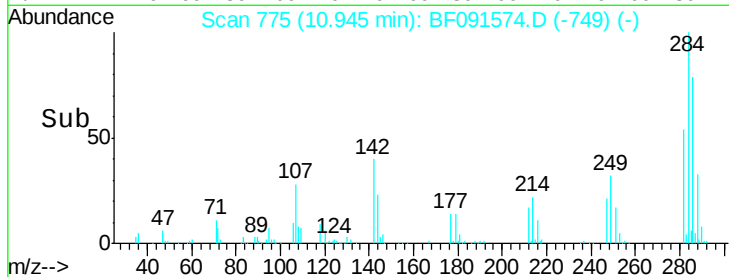
Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



Time-->



#68

Atrazine

Concen: 53.27 ng

RT: 11.05 min Scan# 784

Delta R.T. -0.00 min

Lab File: BF091574.D

Acq: 14 Dec 2016 2:25

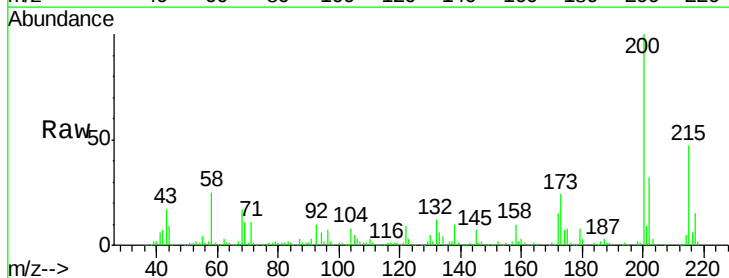
Tgt Ion:200 Resp: 436445

Ion Ratio Lower Upper

200 100

173 24.4 7.8 47.8

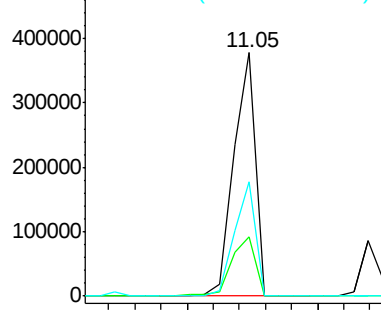
215 46.8 24.3 64.3



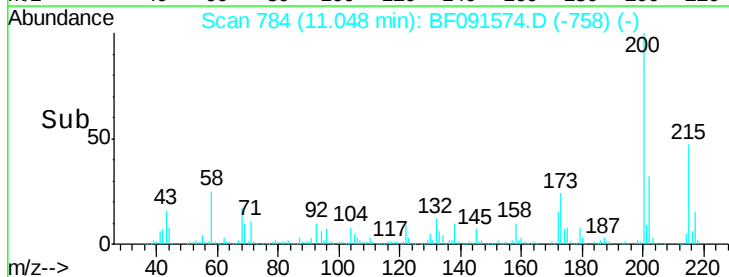
Abundance Ion 200.00 (199.70 to 200.70): E

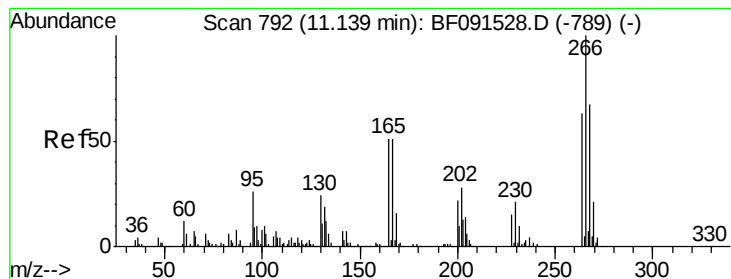
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



Time-->





#69

Pentachlorophenol

Concen: 82.76 ng

RT: 11.14 min Scan# 792

Delta R.T. -0.00 min

Lab File: BF091574.D

Acq: 14 Dec 2016 2:25

Instrument :

BNA_F

ClientSampleId :

WC120716MS

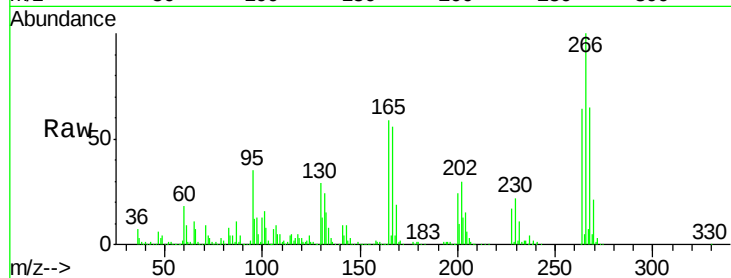
Tgt Ion:266 Resp: 424348

Ion Ratio Lower Upper

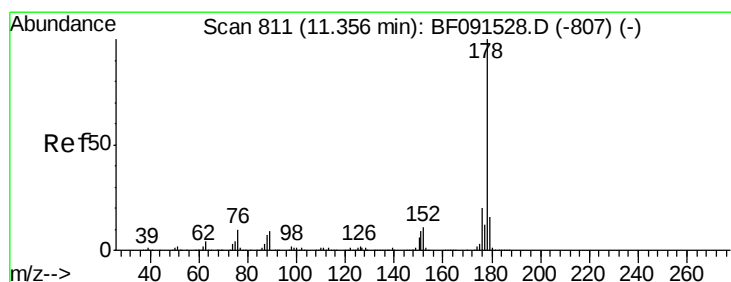
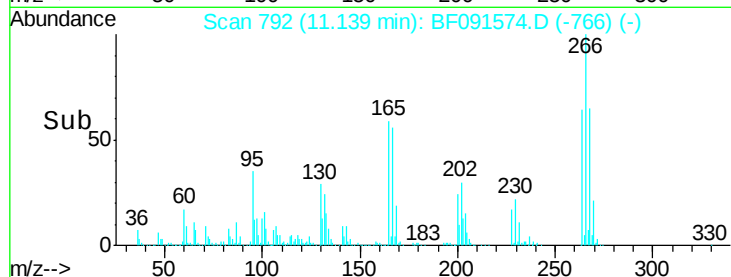
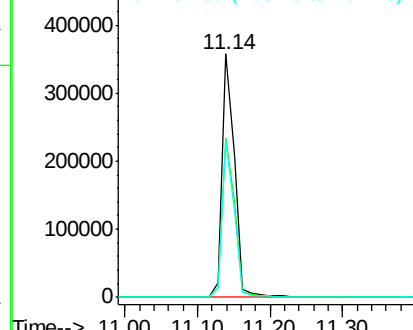
266 100

268 65.3 50.3 75.5

264 64.3 48.2 72.2



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



#70

Phenanthrene

Concen: 44.04 ng

RT: 11.36 min Scan# 811

Delta R.T. -0.00 min

Lab File: BF091574.D

Acq: 14 Dec 2016 2:25

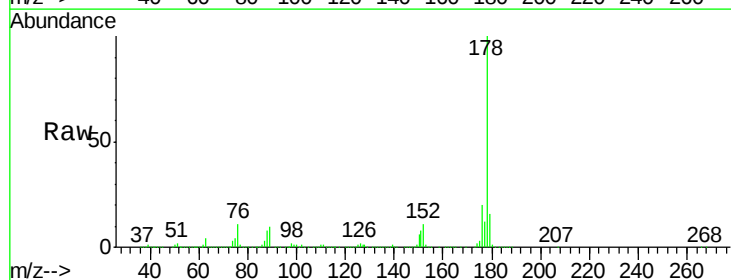
Tgt Ion:178 Resp: 1863809

Ion Ratio Lower Upper

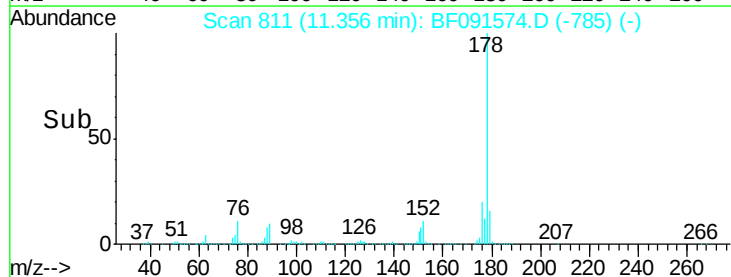
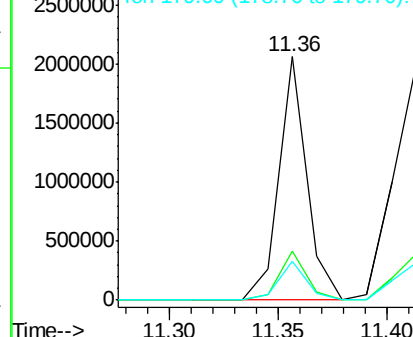
178 100

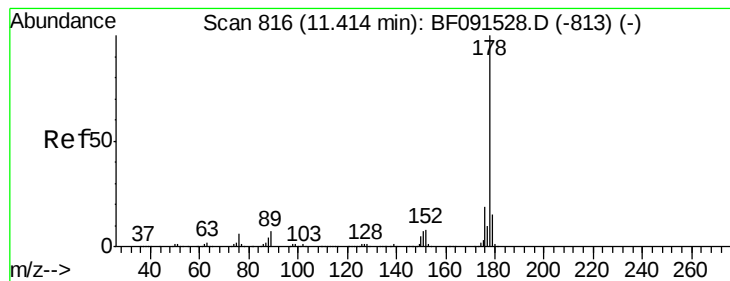
176 20.0 15.9 23.9

179 16.2 12.6 18.8



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





#71

Anthracene

Concen: 46.34 ng

RT: 11.41 min Scan# 816

Delta R.T. -0.00 min

Lab File: BF091574.D

Acq: 14 Dec 2016 2:25

Instrument :

BNA_F

ClientSampleId :

WC120716MS

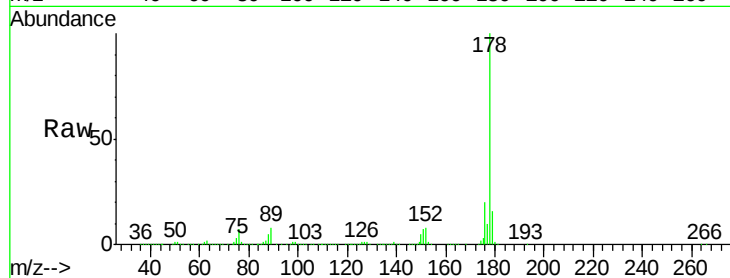
Tgt Ion:178 Resp: 2115317

Ion Ratio Lower Upper

178 100

176 19.5 15.8 23.6

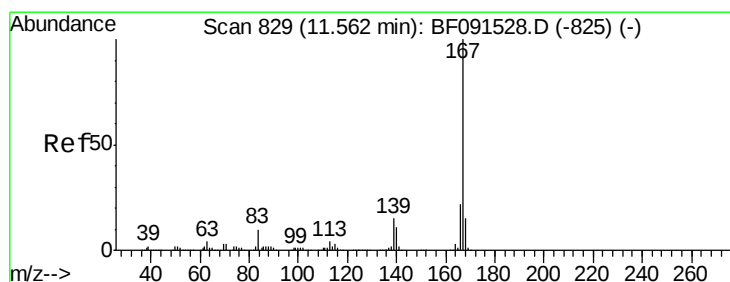
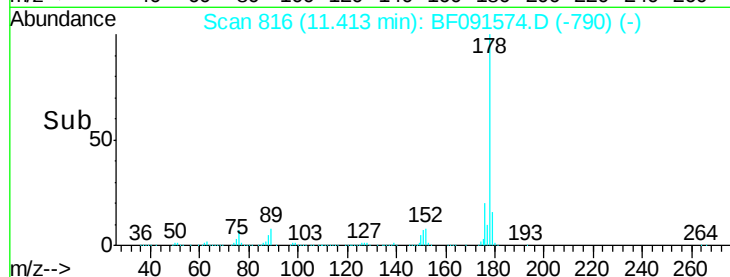
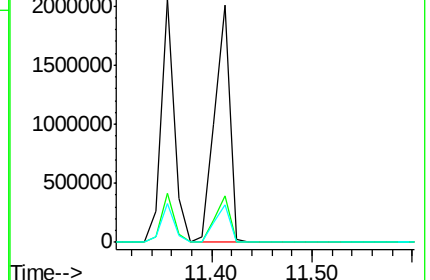
179 15.8 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 41.04 ng

RT: 11.56 min Scan# 829

Delta R.T. -0.00 min

Lab File: BF091574.D

Acq: 14 Dec 2016 2:25

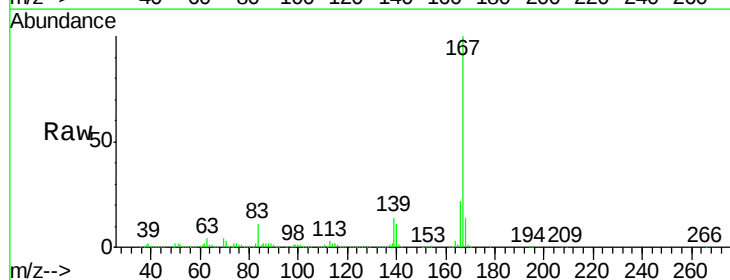
Tgt Ion:167 Resp: 1642042

Ion Ratio Lower Upper

167 100

166 21.9 18.1 27.1

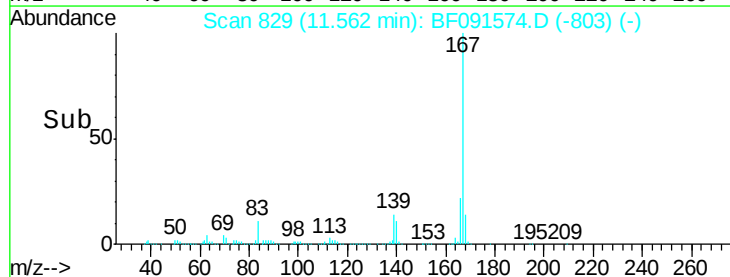
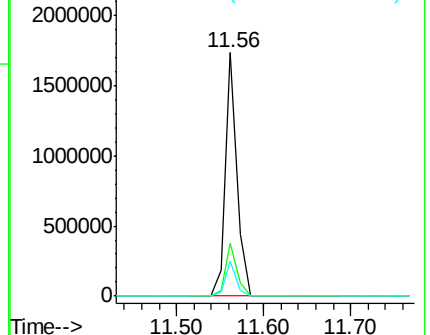
139 14.3 11.5 17.3

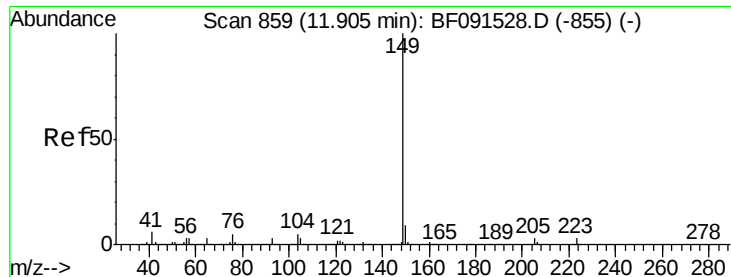


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 50.65 ng

RT: 11.90 min Scan# 859

Delta R.T. -0.00 min

Lab File: BF091574.D

Acq: 14 Dec 2016 2:25

Instrument :

BNA_F

ClientSampleId :

WC120716MS

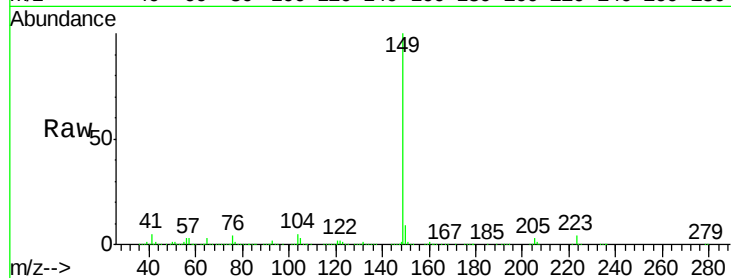
Tgt Ion:149 Resp: 2361252

Ion Ratio Lower Upper

149 100

150 9.5 7.5 11.3

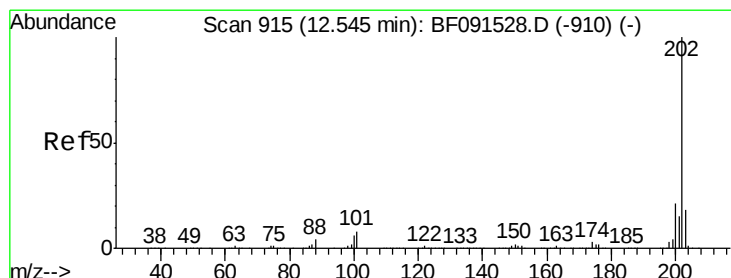
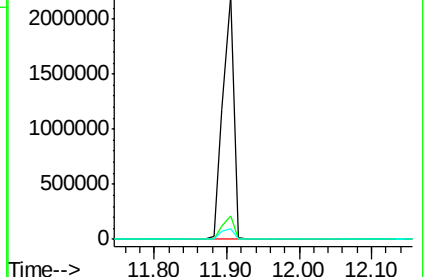
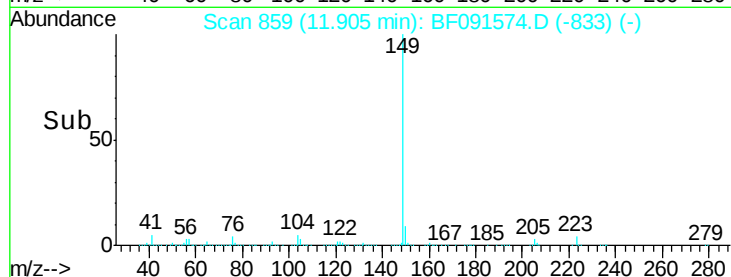
104 4.5 4.0 6.0



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: 41.92 ng

RT: 12.54 min Scan# 915

Delta R.T. -0.00 min

Lab File: BF091574.D

Acq: 14 Dec 2016 2:25

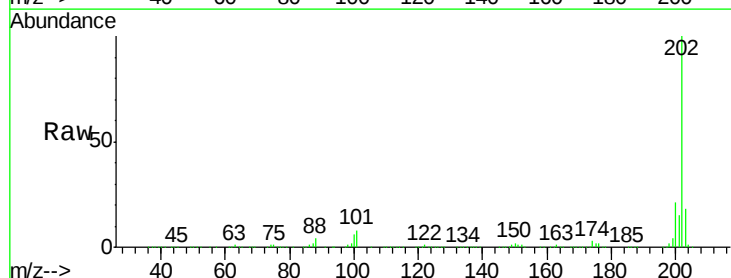
Tgt Ion:202 Resp: 1857741

Ion Ratio Lower Upper

202 100

101 8.4 0.0 29.5

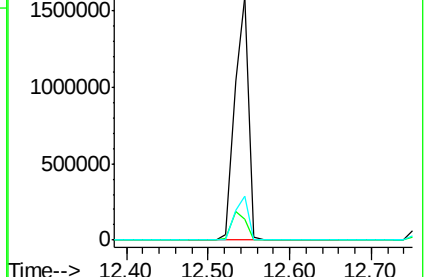
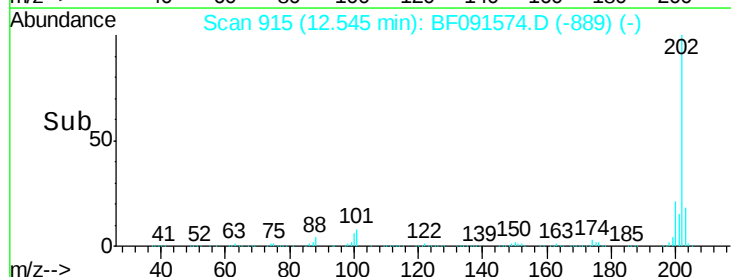
203 17.9 0.0 37.8

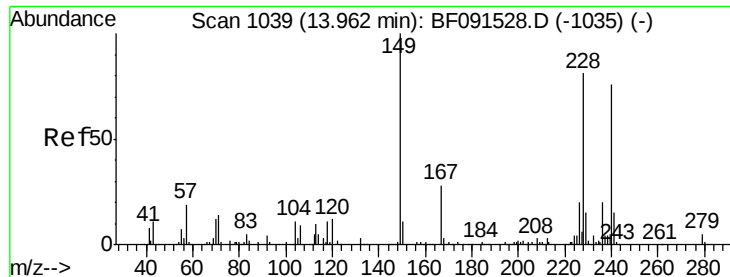


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.96 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF091574.D

Acq: 14 Dec 2016 2:25

Instrument :

BNA_F

ClientSampleId :

WC120716MS

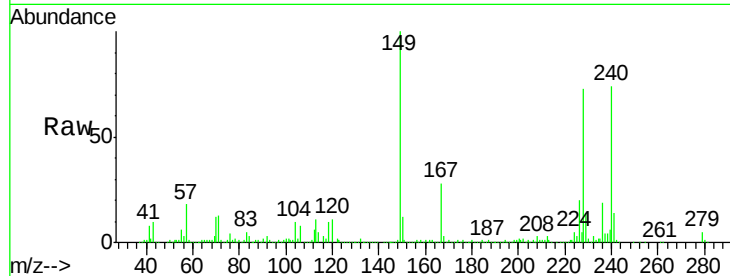
Tgt Ion:240 Resp: 508988

Ion Ratio Lower Upper

240 100

120 15.1 12.1 18.1

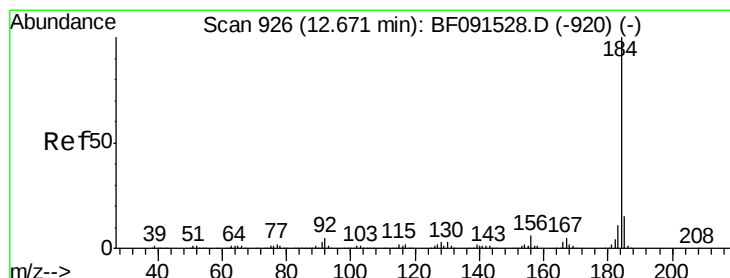
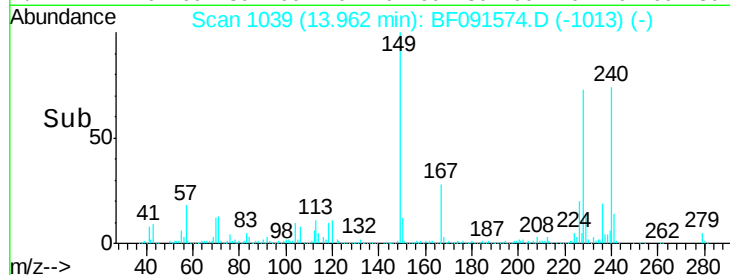
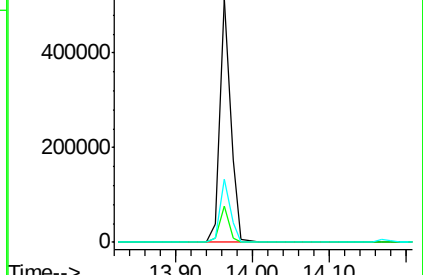
236 25.8 21.0 31.6



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: 34.68 ng

RT: 12.66 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF091574.D

Acq: 14 Dec 2016 2:25

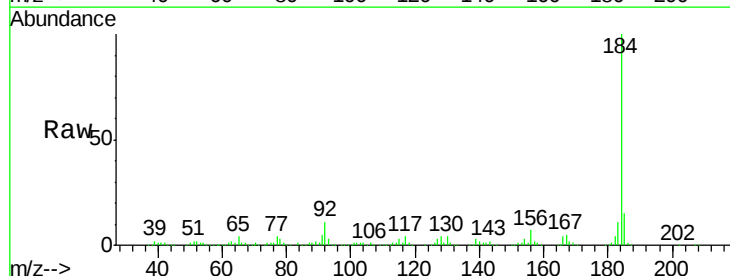
Tgt Ion:184 Resp: 545852

Ion Ratio Lower Upper

184 100

185 15.0 13.1 19.7

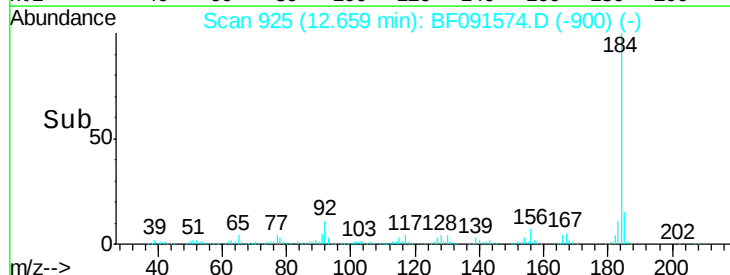
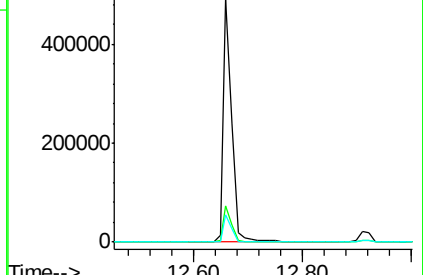
183 11.2 8.9 13.3

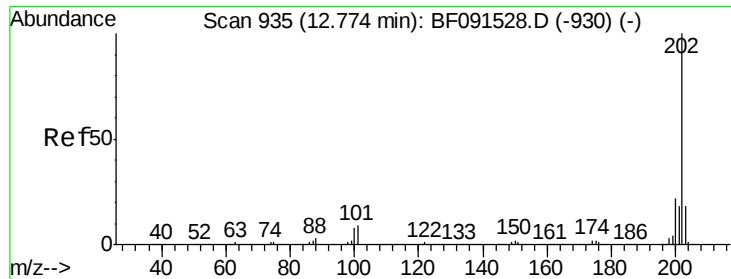


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

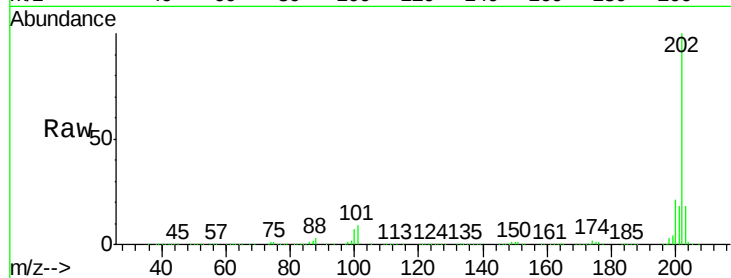




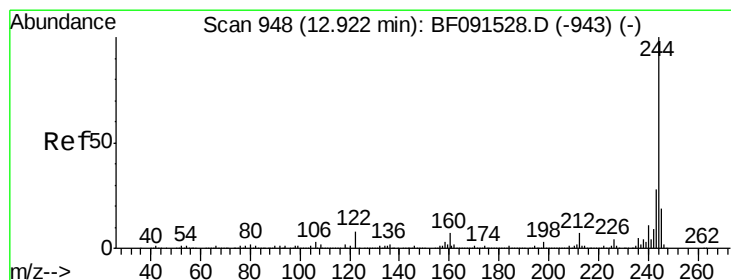
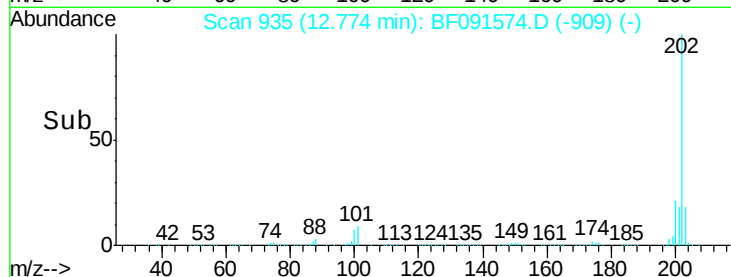
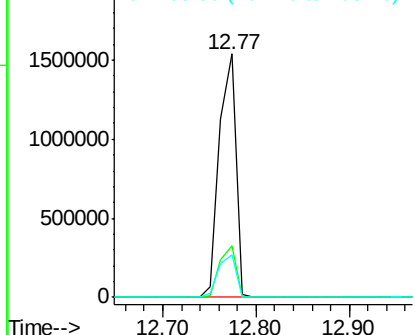
#77
 Pyrene
 Concen: 46.98 ng
 RT: 12.77 min Scan# 935
 Delta R.T. -0.00 min
 Lab File: BF091574.D
 Acq: 14 Dec 2016 2:25

Instrument :
 BNA_F
 ClientSampleId :
 WC120716MS

Tgt Ion:202 Resp: 1896911
 Ion Ratio Lower Upper
 202 100
 200 21.2 17.6 26.4
 203 17.6 14.0 21.0

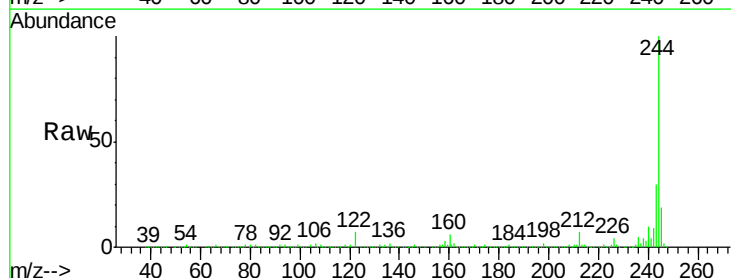


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

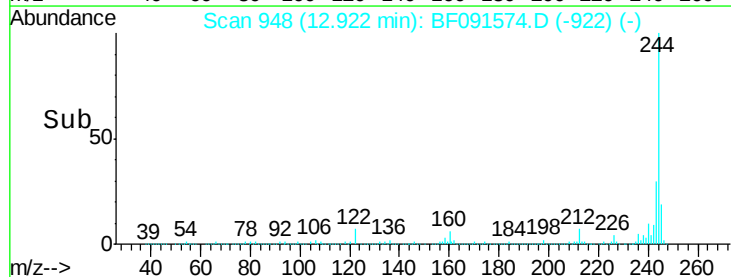
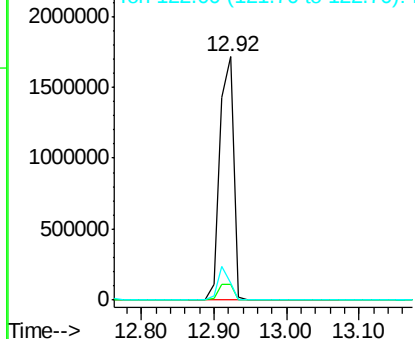


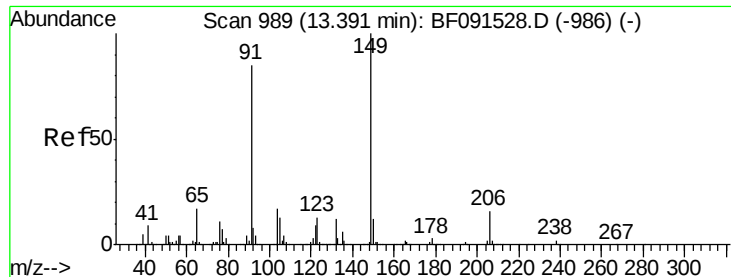
#78
 Terphenyl-d14
 Concen: 100.68 ng
 RT: 12.92 min Scan# 948
 Delta R.T. -0.00 min
 Lab File: BF091574.D
 Acq: 14 Dec 2016 2:25

Tgt Ion:244 Resp: 2258301
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.5 9.7
 122 6.8 9.5 14.3#



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: 52.36 ng

RT: 13.39 min Scan# 989

Delta R.T. -0.00 min

Lab File: BF091574.D

Acq: 14 Dec 2016 2:25

Instrument :

BNA_F

ClientSampleId :

WC120716MS

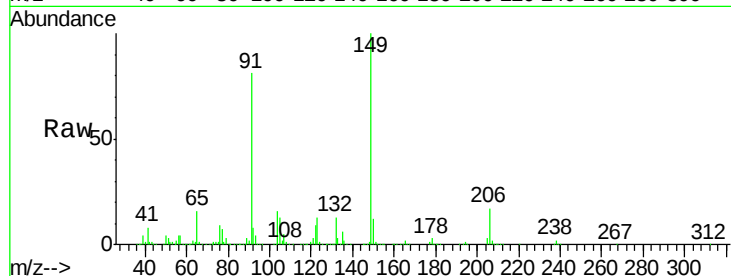
Tgt Ion:149 Resp: 824164

Ion Ratio Lower Upper

149 100

91 80.5 57.4 86.2

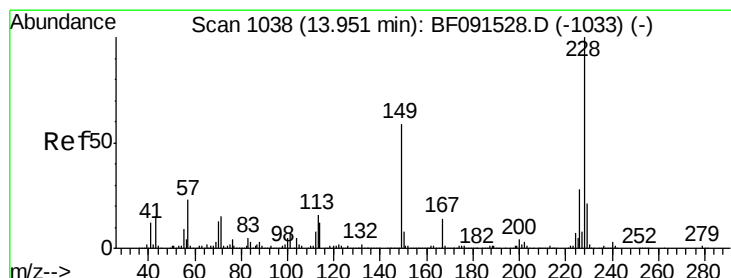
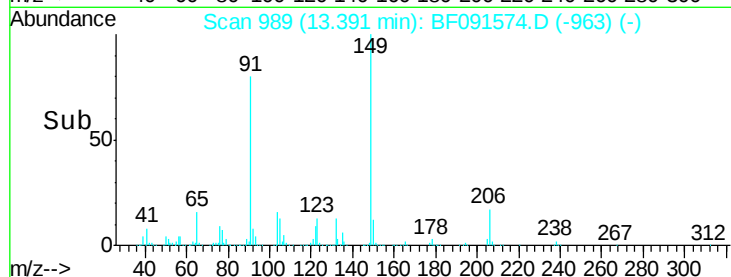
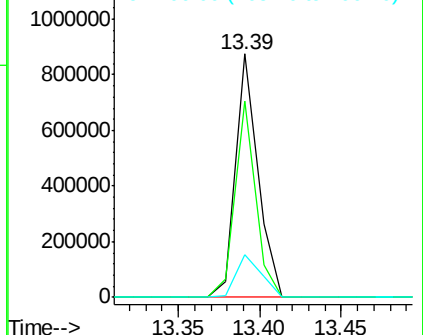
206 17.3 15.4 23.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 47.31 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BF091574.D

Acq: 14 Dec 2016 2:25

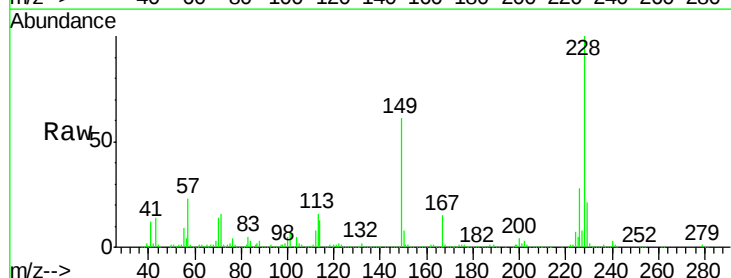
Tgt Ion:228 Resp: 1398481

Ion Ratio Lower Upper

228 100

226 28.1 22.5 33.7

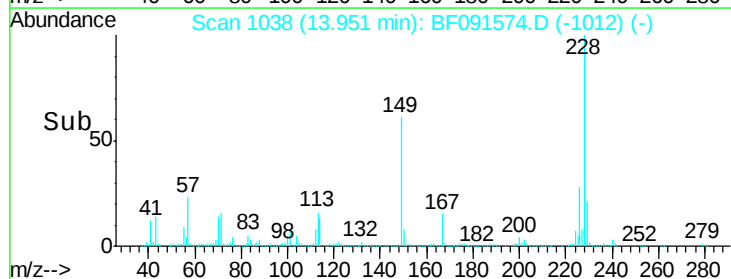
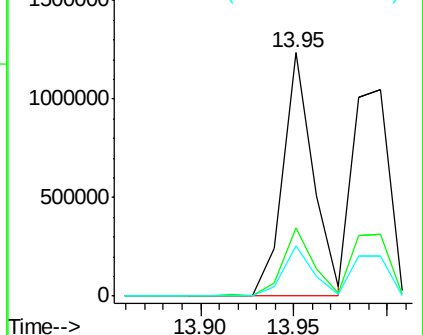
229 20.5 16.4 24.6

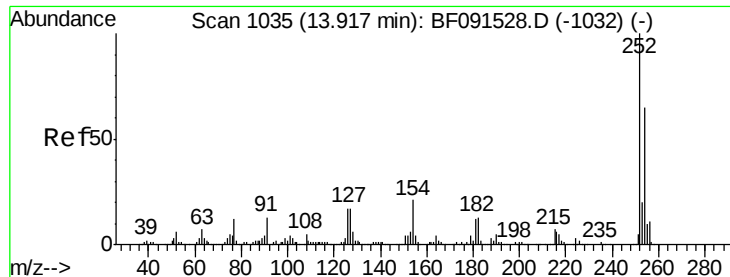


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

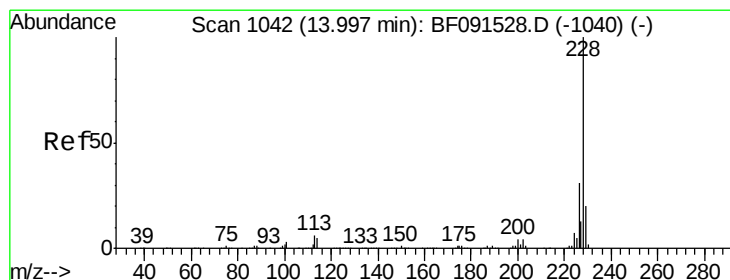
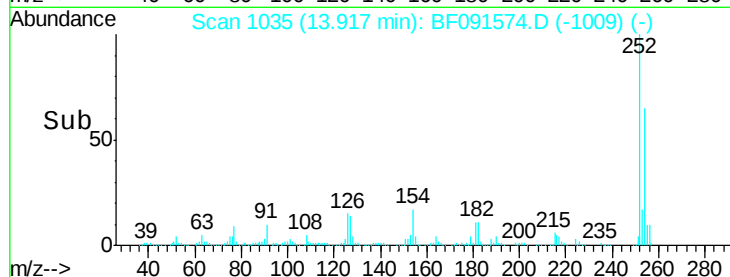
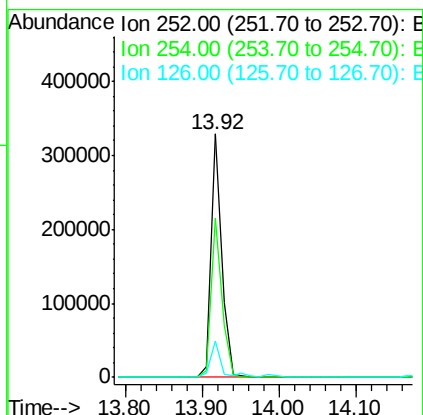
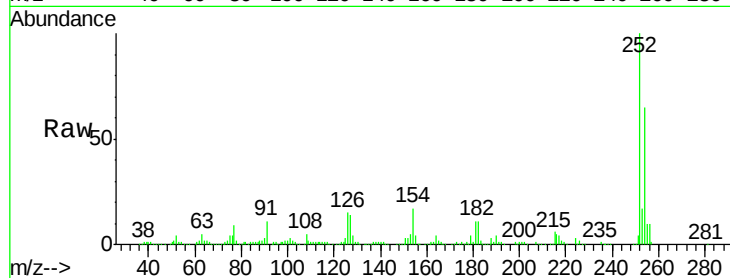




#81
 3,3'-Dichlorobenzidine
 Concen: 29.43 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BF091574.D
 Acq: 14 Dec 2016 2:25

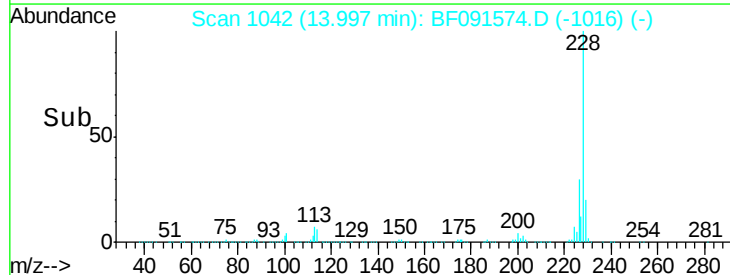
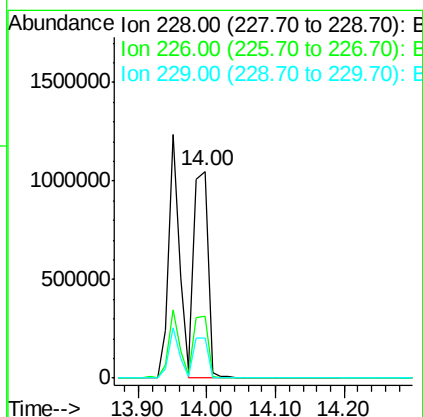
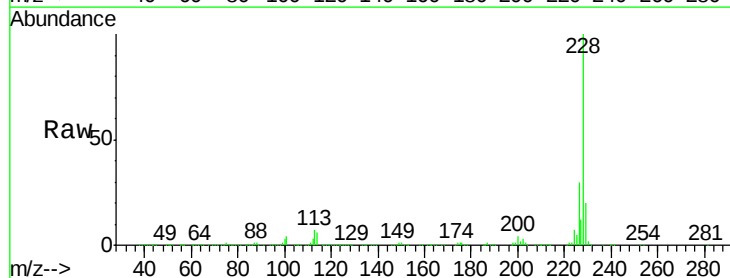
Instrument :
 BNA_F
 ClientSampleId :
 WC120716MS

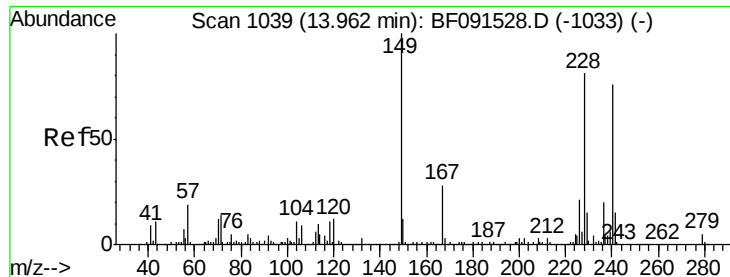
Tgt Ion:252 Resp: 312411
 Ion Ratio Lower Upper
 252 100
 254 65.2 52.1 78.1
 126 14.9 7.5 11.3#



#82
 Chrysene
 Concen: 46.96 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BF091574.D
 Acq: 14 Dec 2016 2:25

Tgt Ion:228 Resp: 1452220
 Ion Ratio Lower Upper
 228 100
 226 30.0 25.0 37.4
 229 19.6 16.0 24.0

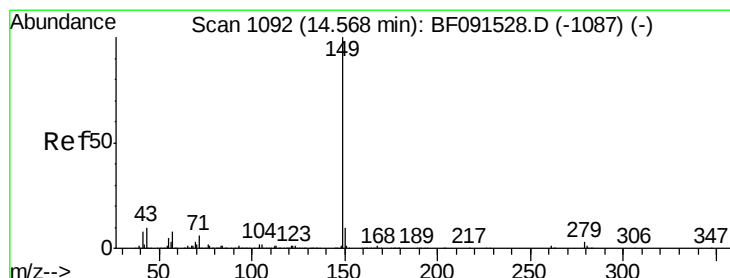
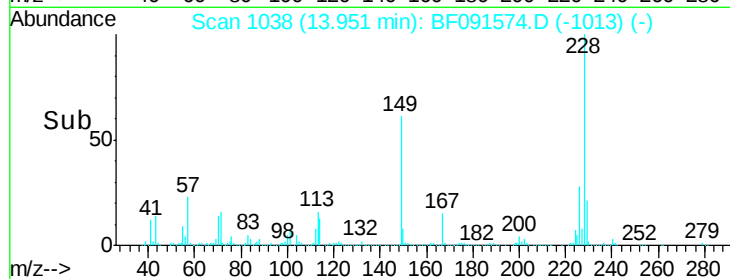
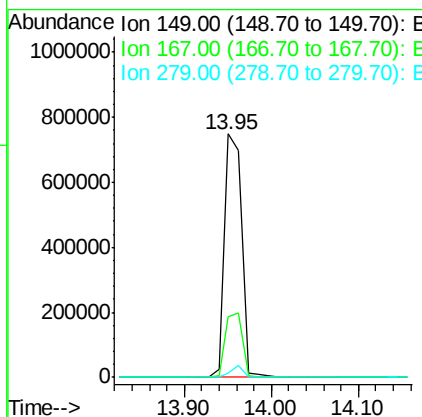
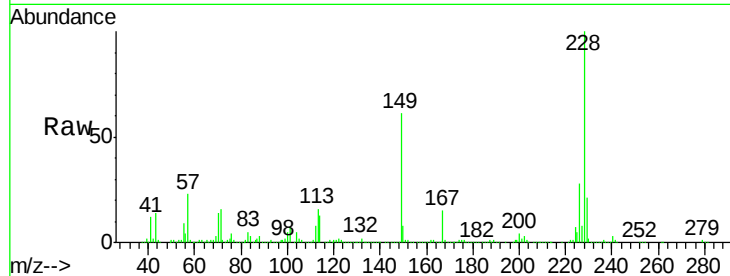




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 51.22 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF091574.D
 Acq: 14 Dec 2016 2:25

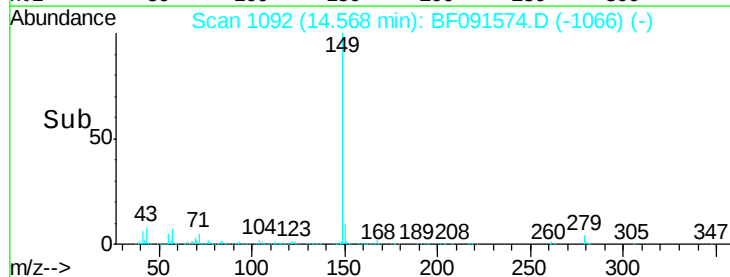
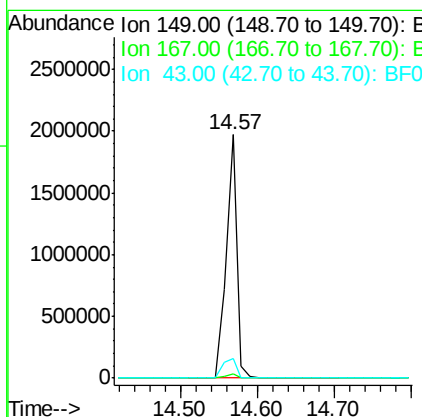
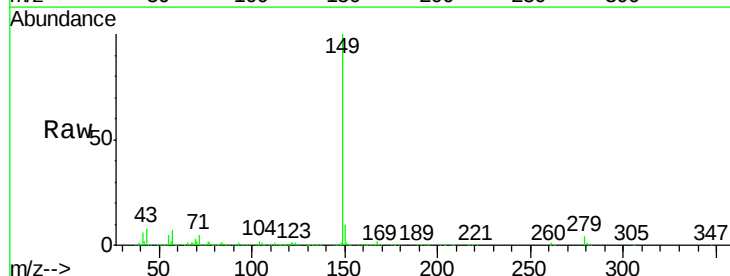
Instrument :
 BNA_F
 ClientSampleId :
 WC120716MS

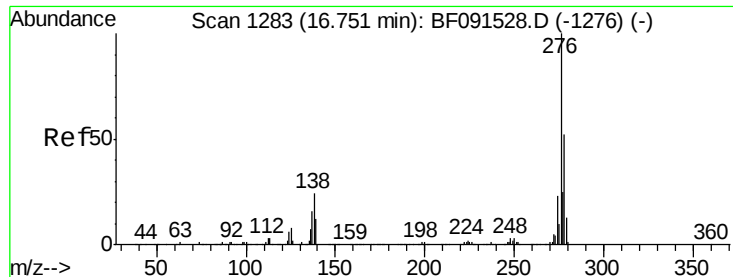
Tgt Ion:149 Resp: 1034429
 Ion Ratio Lower Upper
 149 100
 167 24.8 19.6 29.4
 279 1.9 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 56.75 ng
 RT: 14.57 min Scan# 1092
 Delta R.T. -0.00 min
 Lab File: BF091574.D
 Acq: 14 Dec 2016 2:25

Tgt Ion:149 Resp: 1945176
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 10.3 11.9 17.9#

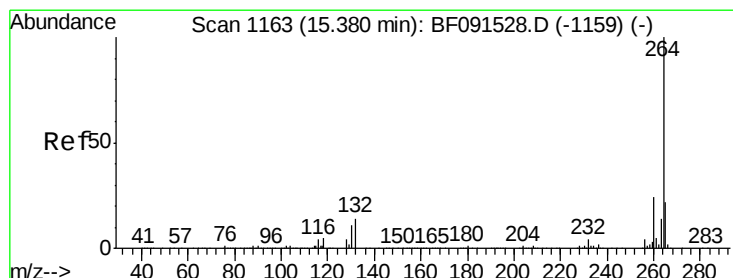
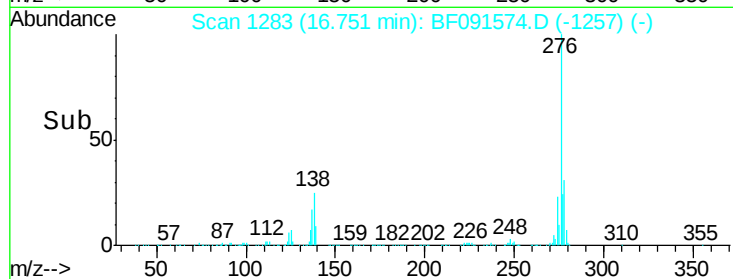
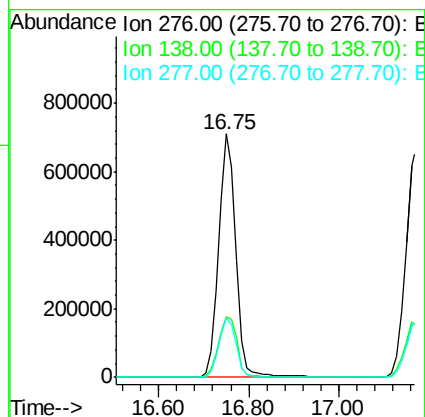
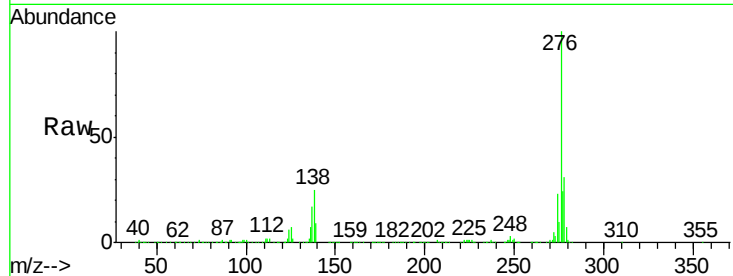




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 67.64 ng
 RT: 16.75 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: BF091574.D
 Acq: 14 Dec 2016 2:25

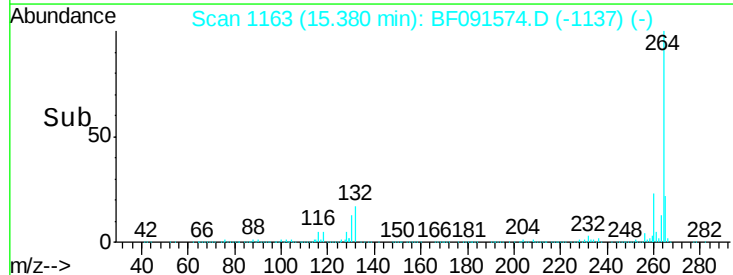
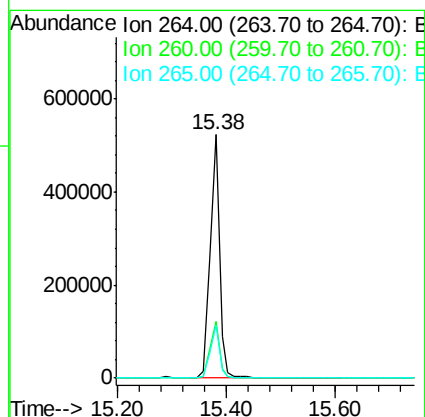
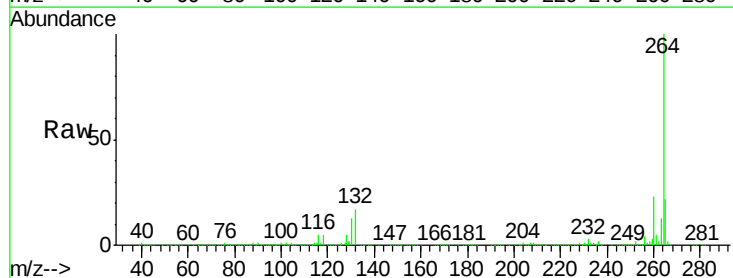
Instrument :
 BNA_F
 ClientSampleId :
 WC120716MS

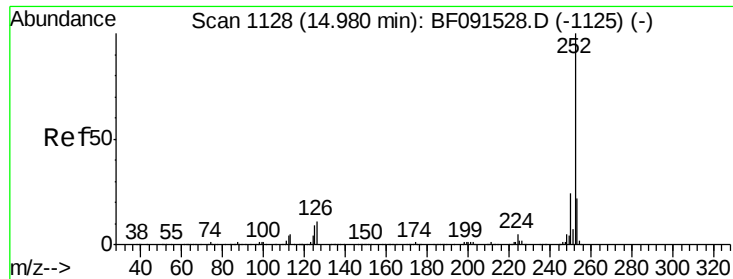
Tgt Ion:276 Resp: 1882475
 Ion Ratio Lower Upper
 276 100
 138 27.4 21.0 31.4
 277 24.8 20.2 30.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.38 min Scan# 1163
 Delta R.T. -0.00 min
 Lab File: BF091574.D
 Acq: 14 Dec 2016 2:25

Tgt Ion:264 Resp: 626043
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.8 28.2
 265 21.8 17.0 25.6





#87

Benzo(b)fluoranthene

Concen: 84.05 ng

RT: 14.98 min Scan# 1128

Delta R.T. -0.00 min

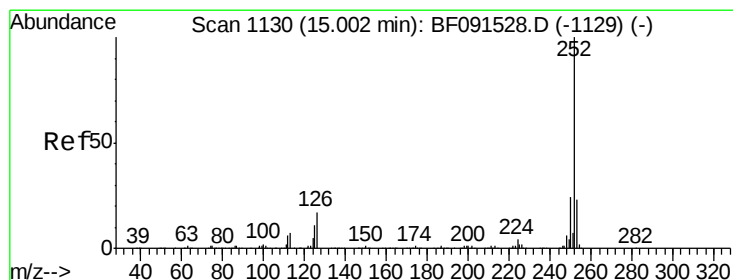
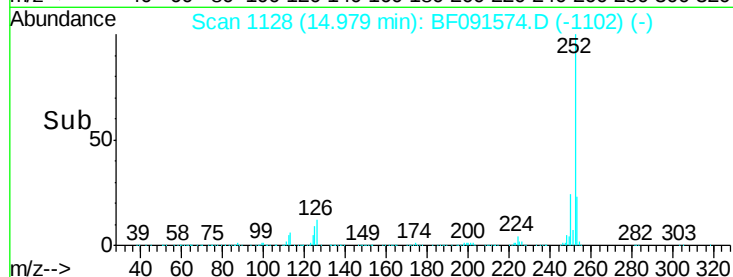
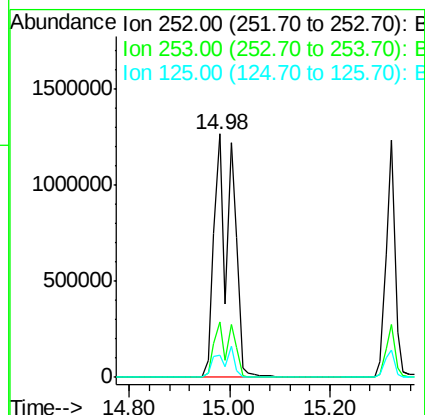
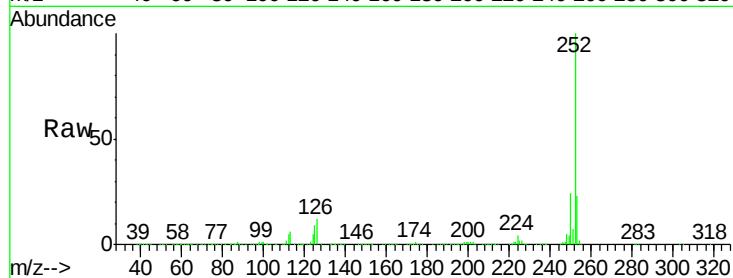
Lab File: BF091574.D

Acq: 14 Dec 2016 2:25

Instrument :
BNA_F
ClientSampleId :
WC120716MS

Tgt Ion:252 Resp: 3136804

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	9.3	8.6	13.0



#88

Benzo(k)fluoranthene

Concen: 95.65 ng

RT: 14.98 min Scan# 1128

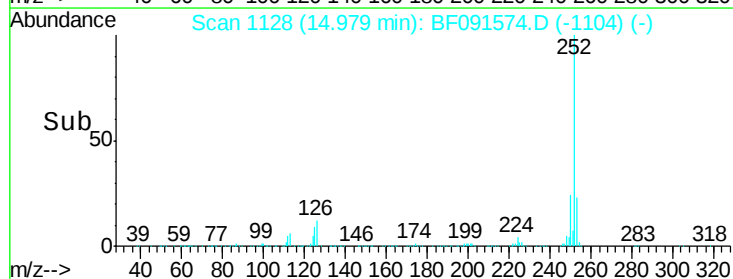
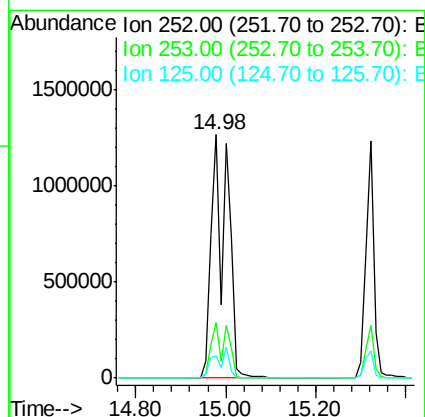
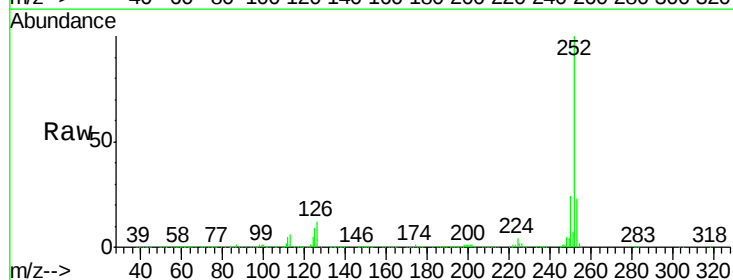
Delta R.T. -0.02 min

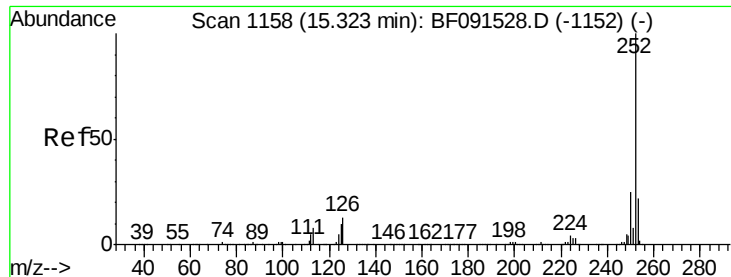
Lab File: BF091574.D

Acq: 14 Dec 2016 2:25

Tgt Ion:252 Resp: 3138809

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.8
125	9.3	9.6	14.4#





#89

Benzo(a)pyrene

Concen: 46.56 ng

RT: 15.32 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BF091574.D

Acq: 14 Dec 2016 2:25

Instrument :

BNA_F

ClientSampleId :

WC120716MS

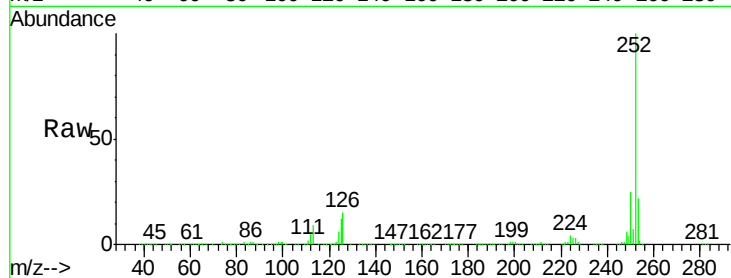
Tgt Ion:252 Resp: 1565494

Ion Ratio Lower Upper

252 100

253 22.4 18.2 27.4

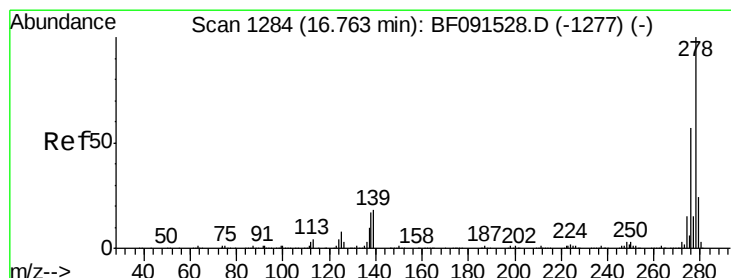
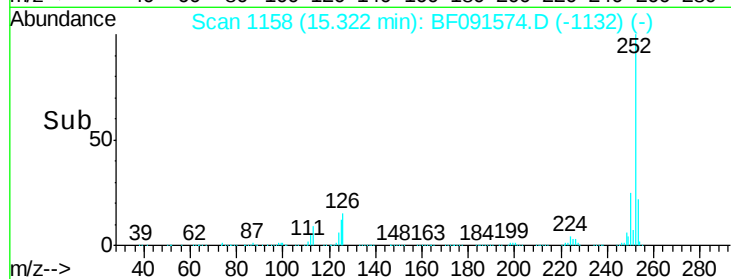
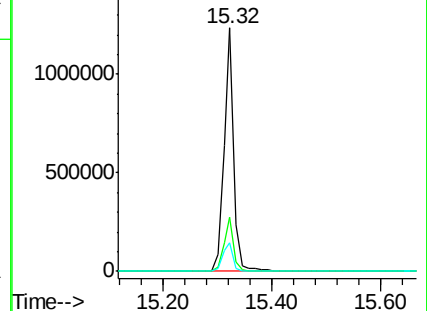
125 11.7 10.4 15.6



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



#90

Dibenzo(a,h)anthracene

Concen: 50.54 ng

RT: 16.77 min Scan# 1285

Delta R.T. 0.01 min

Lab File: BF091574.D

Acq: 14 Dec 2016 2:25

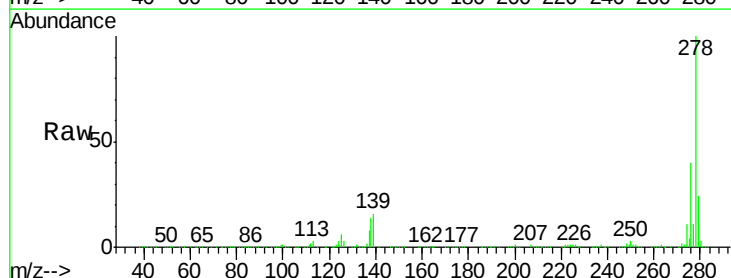
Tgt Ion:278 Resp: 1522235

Ion Ratio Lower Upper

278 100

139 16.4 15.1 22.7

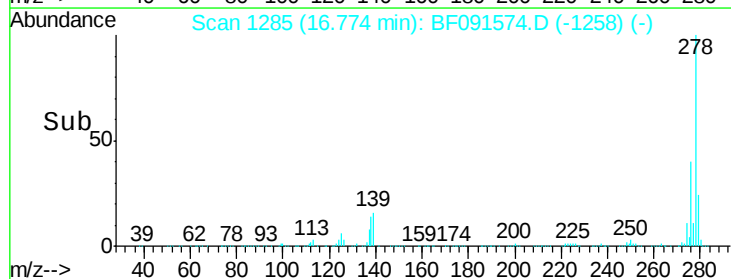
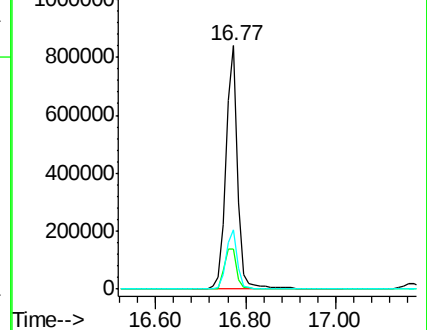
279 24.4 19.0 28.6

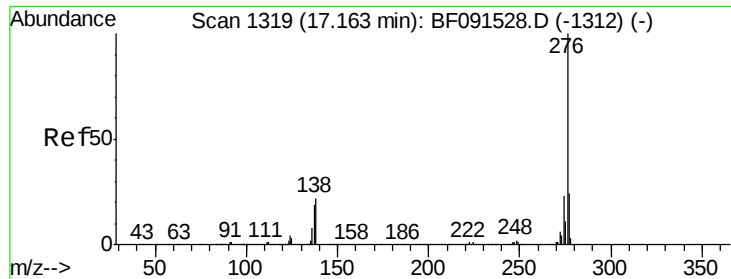


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 51.08 ng

RT: 17.17 min Scan# 1320

Delta R.T. 0.01 min

Lab File: BF091574.D

Acq: 14 Dec 2016 2:25

Instrument :

BNA_F

ClientSampleId :

WC120716MS

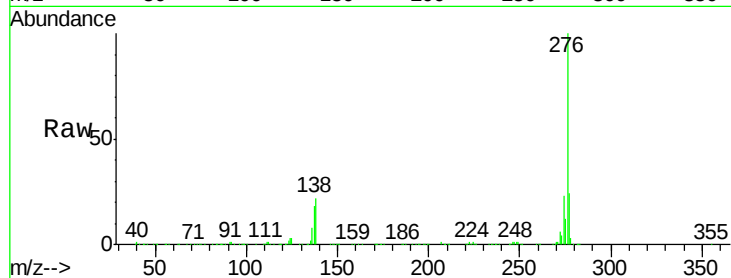
Tgt Ion:276 Resp: 1565761

Ion Ratio Lower Upper

276 100

277 24.1 19.0 28.4

138 21.7 15.4 23.0



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

