

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121316\
 Data File : BF091575.D
 Acq On : 14 Dec 2016 2:53
 Operator : UM/SJ
 Sample : H5922-02MSD
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC120716MSD

Quant Time: Dec 14 04:16:45 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	309511	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	1198667	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	576889	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	822165	20.00	ng	0.00
75) Chrysene-d12	13.96	240	514919	20.00	ng	0.00
86) Perylene-d12	15.38	264	629375	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	2016849	109.78	ng	0.02
7) Phenol-d6	6.46	99	2502504	109.26	ng	0.01
23) Nitrobenzene-d5	7.38	82	1701970	79.25	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	611530	127.63	ng	0.01
44) 2-Fluorobiphenyl	9.18	172	2754217	82.49	ng	0.00
78) Terphenyl-d14	12.92	244	2166359	95.47	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.54	88	293840	30.31	ng	# 70
3) Pyridine	3.23	79	666697	25.81	ng	# 78
4) n-Nitrosodimethylamine	3.16	42	399506	35.99	ng	# 60
6) Aniline	6.48	93	490141	16.32	ng	# 1
8) 2-Chlorophenol	6.60	128	780669	37.65	ng	88
9) Benzaldehyde	6.59	77	53792	3.41	ng	90
10) Phenol	6.48	94	1027128	38.36	ng	92
11) bis(2-Chloroethyl)ether	6.56	93	847352	42.12	ng	88
12) 1,3-Dichlorobenzene	6.99	146	800425	35.59	ng	97
13) 1,4-Dichlorobenzene	6.83	146	807198	36.39	ng	97
14) 1,2-Dichlorobenzene	6.99	146	800963	40.07	ng	94
15) Benzyl Alcohol	6.97	79	714766	39.53	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.10	45	1226211	39.33	ng	82
17) 2-Methylphenol	7.08	107	660354	38.49	ng	# 75
18) Hexachloroethane	7.33	117	309422	35.75	ng	97
19) n-Nitroso-di-n-propylamine	7.24	70	588364	41.08	ng	# 68
20) 3+4-Methylphenols	7.23	107	766066	41.07	ng	# 50
22) Acetophenone	7.23	105	1161031	40.43	ng	# 97
24) Nitrobenzene	7.40	77	978649	43.13	ng	# 84
25) Isophorone	7.64	82	1636274	42.86	ng	99
26) 2-Nitrophenol	7.72	139	432944	43.23	ng	# 66
27) 2,4-Dimethylphenol	7.77	122	753433	42.83	ng	91
28) bis(2-Chloroethoxy)methane	7.86	93	1047770	46.79	ng	98
29) 2,4-Dichlorophenol	7.96	162	640947	41.88	ng	99
30) 1,2,4-Trichlorobenzene	8.04	180	673919	38.75	ng	99
31) Naphthalene	8.12	128	2177373	39.04	ng	99
32) Benzoic acid	7.88	122	426987	35.27	ng	92
33) 4-Chloroaniline	8.17	127	219095	9.12	ng	99
34) Hexachlorobutadiene	8.25	225	394193	39.53	ng	98
35) Caprolactam	8.53	113	149131	33.37	ng	# 62
36) 4-Chloro-3-methylphenol	8.67	107	699900	40.78	ng	# 82
37) 2-Methylnaphthalene	8.82	142	1497247	41.48	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	589004	37.23	ng	98
40) Hexachlorocyclopentadiene	8.97	237	479162	67.92	ng	100

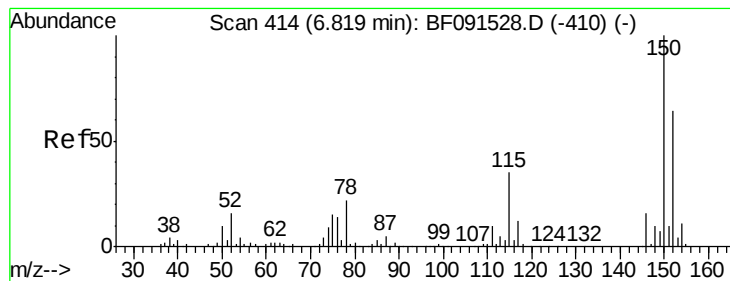
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	424579	41.76	ng	98
43) 2,4,5-Trichlorophenol	9.14	196	434387	41.58	ng #	88
45) 1,1'-Biphenyl	9.28	154	1673398	40.05	ng	98
46) 2-Chloronaphthalene	9.30	162	1259841	38.94	ng	99
47) 2-Nitroaniline	9.40	65	456884	41.99	ng	82
48) Acenaphthylene	9.71	152	1999002	40.53	ng	99
49) Dimethylphthalate	9.58	163	1684563	46.12	ng	99
50) 2,6-Dinitrotoluene	9.64	165	371585	46.35	ng #	81
51) Acenaphthene	9.88	154	1377734	40.22	ng	98
52) 3-Nitroaniline	9.80	138	178351	18.94	ng	89
53) 2,4-Dinitrophenol	9.92	184	246362	59.25	ng #	76
54) Dibenzofuran	10.05	168	1824226	43.04	ng	99
55) 4-Nitrophenol	9.98	139	512437	73.13	ng #	54
56) 2,4-Dinitrotoluene	10.04	165	452384	45.02	ng #	73
57) Fluorene	10.40	166	1243899	40.58	ng	97
58) 2,3,4,6-Tetrachlorophenol	10.18	232	352956	43.15	ng	94
59) Diethylphthalate	10.28	149	1562572	44.42	ng	96
60) 4-Chlorophenyl-phenylether	10.40	204	642093	42.13	ng #	90
61) 4-Nitroaniline	10.42	138	317867	33.96	ng	96
62) Azobenzene	10.56	77	1767511	44.35	ng	92
64) 4,6-Dinitro-2-methylphenol	10.45	198	168575	34.63	ng #	34
65) n-Nitrosodiphenylamine	10.51	169	1147331	46.81	ng	100
66) 4-Bromophenyl-phenylether	10.89	248	412256	48.91	ng #	79
67) Hexachlorobenzene	10.94	284	380859	43.45	ng #	76
68) Atrazine	11.05	200	395811	50.22	ng	94
69) Pentachlorophenol	11.14	266	398166	80.72	ng	94
70) Phenanthrene	11.36	178	1754980	43.10	ng	99
71) Anthracene	11.41	178	2002561	45.60	ng	99
72) Carbazole	11.56	167	1539084	39.98	ng	99
73) Di-n-butylphthalate	11.90	149	2182090	48.66	ng	99
74) Fluoranthene	12.54	202	1778427	41.72	ng	99
76) Benzidine	12.66	184	427342	26.84	ng	97
77) Pyrene	12.77	202	1741546	42.63	ng	99
79) Butylbenzylphthalate	13.39	149	746289	46.86	ng	90
80) Benzo(a)anthracene	13.95	228	1328070	44.41	ng	99
81) 3,3'-Dichlorobenzidine	13.92	252	395131	36.80	ng #	96
82) Chrysene	14.00	228	1331823	42.57	ng	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	963913	47.18	ng	98
84) Di-n-octyl phthalate	14.57	149	1812644	52.27	ng #	90
85) Indeno(1,2,3-cd)pyrene	16.75	276	1766646	62.75	ng	99
87) Benzo(b)fluoranthene	14.98	252	2946780	78.54	ng	98
88) Benzo(k)fluoranthene	14.98	252	2947433	89.35	ng #	98
89) Benzo(a)pyrene	15.32	252	1497059	44.29	ng	98
90) Dibenzo(a,h)anthracene	16.77	278	1451481	47.94	ng	99
91) Benzo(g,h,i)perylene	17.17	276	1488227	48.29	ng	98

(#) = 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: BF091575.D

Acq: 14 Dec 2016 2:53

Instrument :

BNA_F

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WC120716MSD

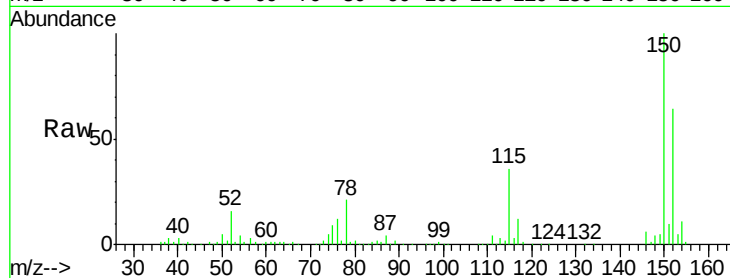
Tgt Ion:152 Resp: 309511

Ion Ratio Lower Upper

152 100

150 155.2 122.5 183.7

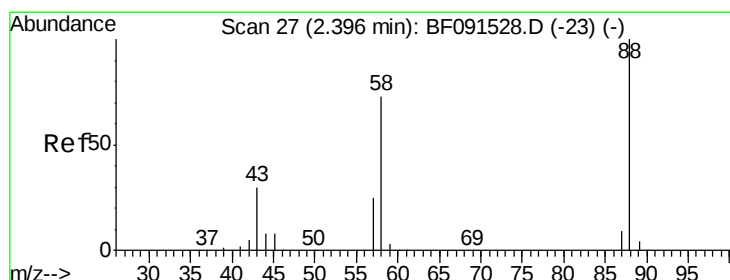
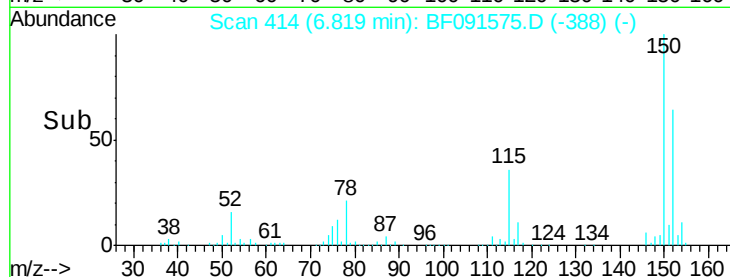
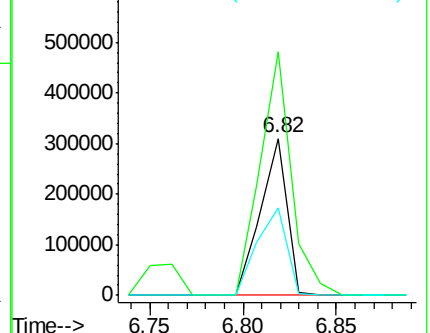
115 55.5 51.8 77.8



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: 30.31 ng

RT: 2.54 min Scan# 40

Delta R.T. 0.15 min

Lab File: BF091575.D

Acq: 14 Dec 2016 2:53

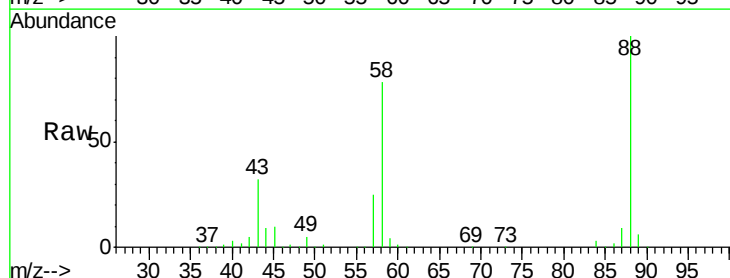
Tgt Ion: 88 Resp: 293840

Ion Ratio Lower Upper

88 100

58 73.6 70.3 105.5

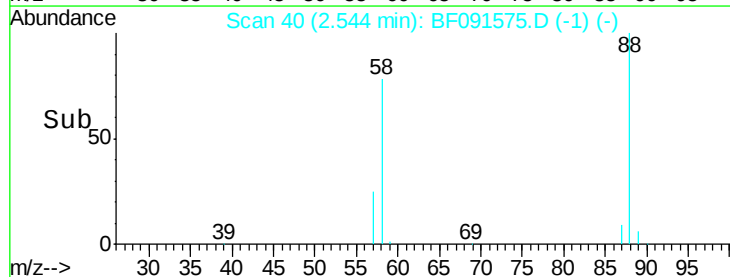
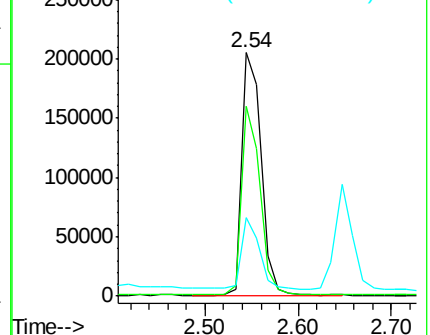
43 0.0 31.3 46.9#

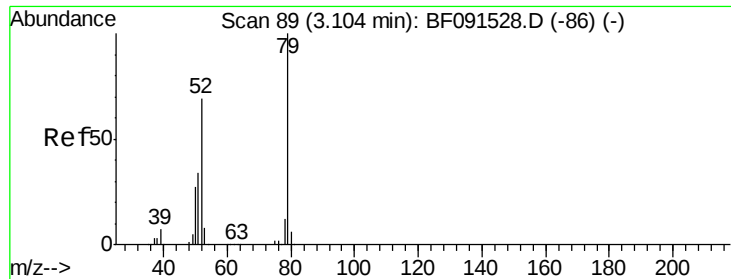


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

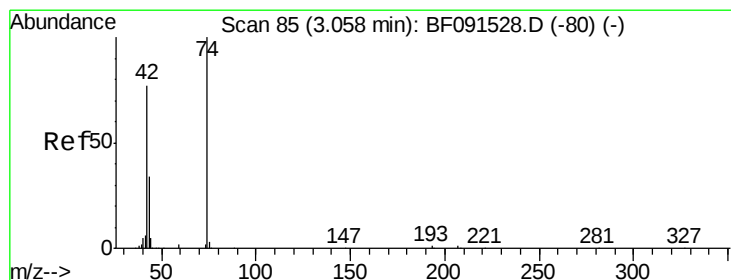
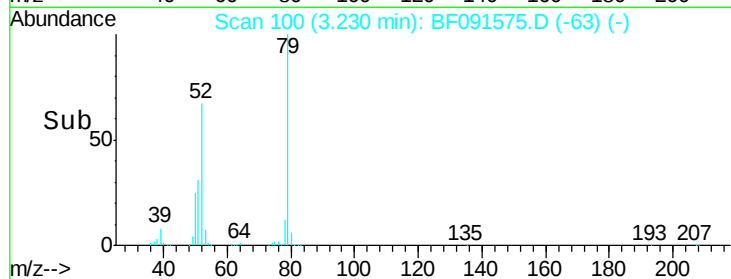
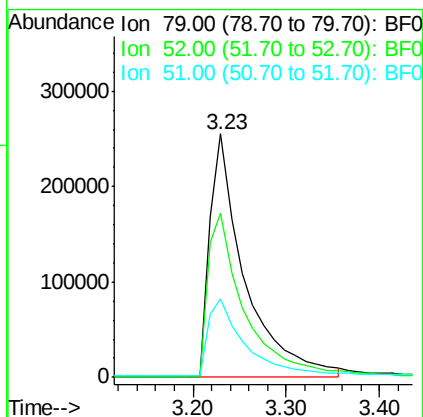
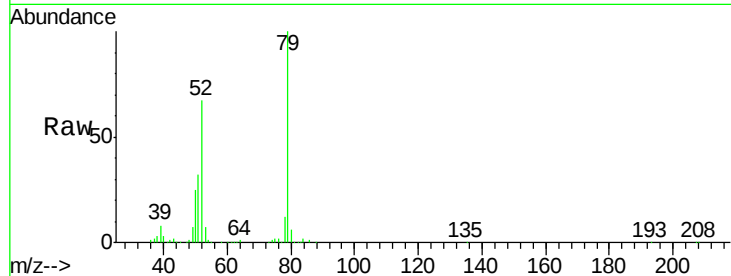




#3
 Pyridine
 Concen: 25.81 ng
 RT: 3.23 min Scan# 100
 Delta R.T. 0.13 min
 Lab File: BF091575.D
 Acq: 14 Dec 2016 2:53

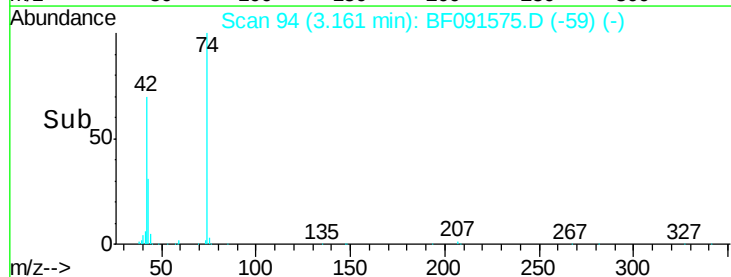
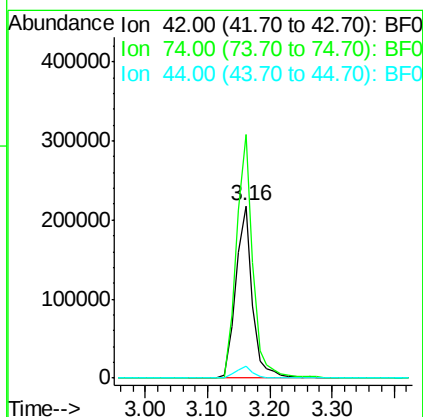
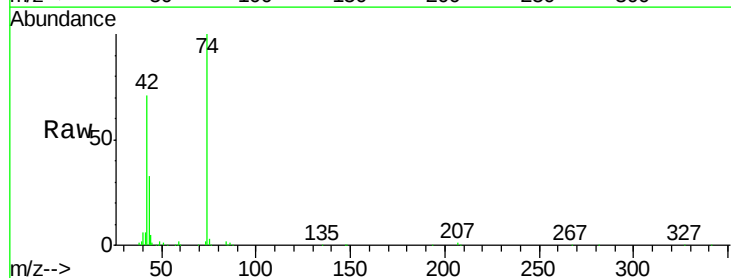
Instrument :
 BNA_F
 ClientSampleId :
 WC120716MSD

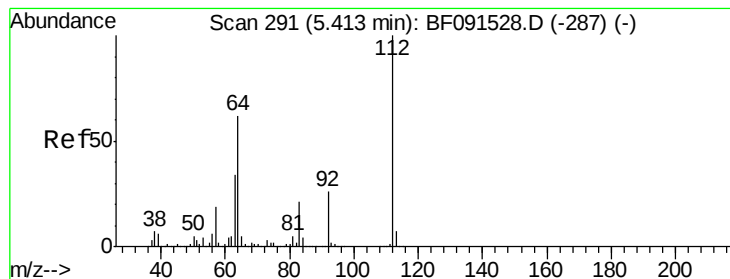
Tgt Ion: 79 Resp: 666697
 Ion Ratio Lower Upper
 79 100
 52 67.3 71.0 106.4#
 51 32.3 37.0 55.4#



#4
 n-Nitrosodimethylamine
 Concen: 35.99 ng
 RT: 3.16 min Scan# 94
 Delta R.T. 0.10 min
 Lab File: BF091575.D
 Acq: 14 Dec 2016 2:53

Tgt Ion: 42 Resp: 399506
 Ion Ratio Lower Upper
 42 100
 74 141.4 78.9 118.3#
 44 7.1 5.8 8.6





#5

2-Fluorophenol

Concen: 109.78 ng

RT: 5.44 min Scan# 293

Delta R.T. 0.02 min

Lab File: BF091575.D

Acq: 14 Dec 2016 2:53

Instrument :

BNA_F

ClientSampleId :

WC120716MSD

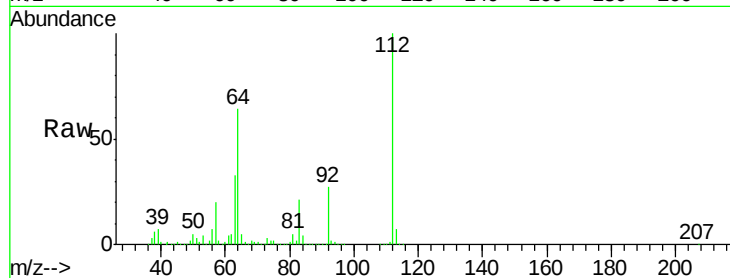
Tgt Ion: 112 Resp: 2016849

Ion Ratio Lower Upper

112 100

64 63.9 61.5 92.3

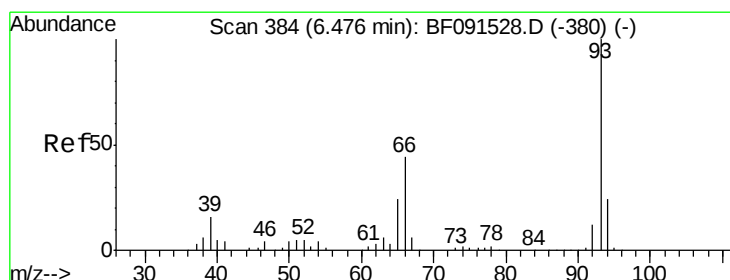
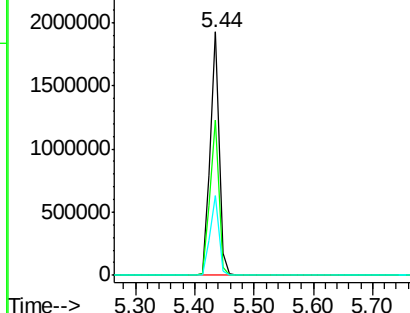
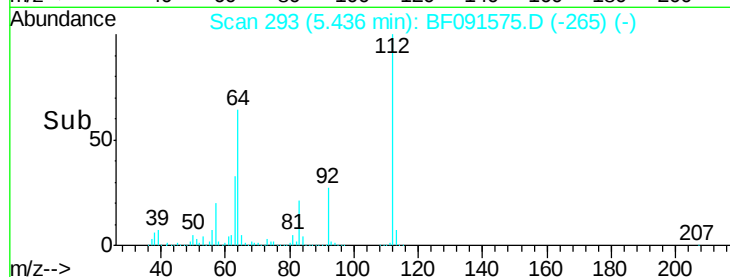
63 32.7 33.3 49.9#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 16.32 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.00 min

Lab File: BF091575.D

Acq: 14 Dec 2016 2:53

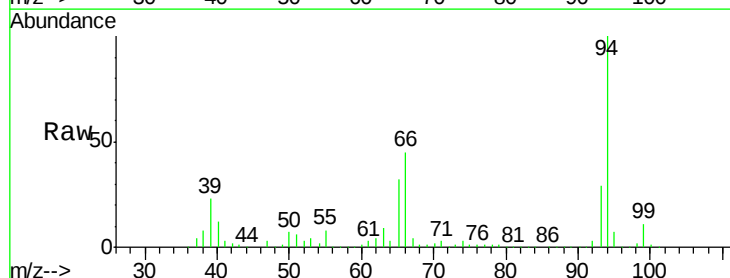
Tgt Ion: 93 Resp: 490141

Ion Ratio Lower Upper

93 100

66 156.1 55.8 83.6#

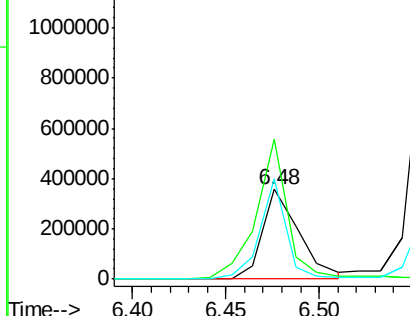
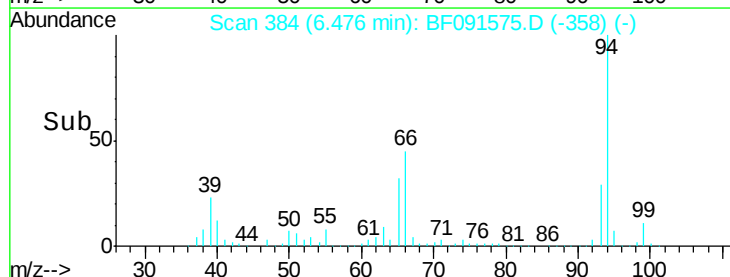
65 111.4 29.9 44.9#

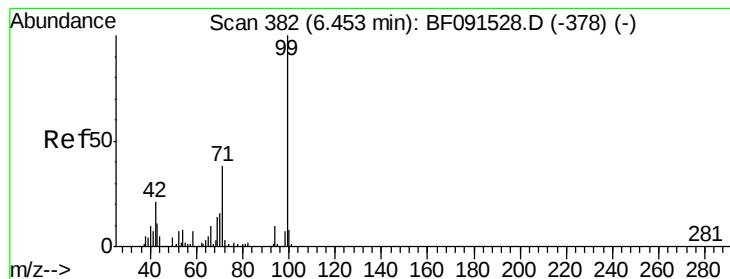


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 109.26 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.01 min

Lab File: BF091575.D

Acq: 14 Dec 2016 2:53

Instrument :

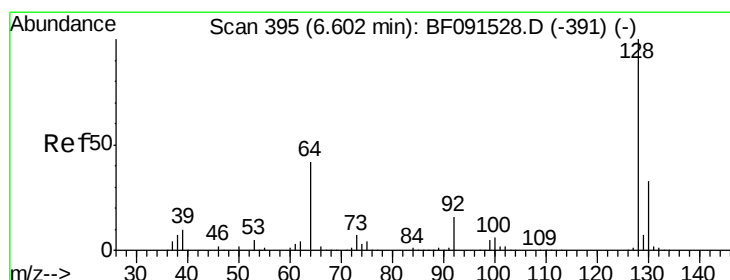
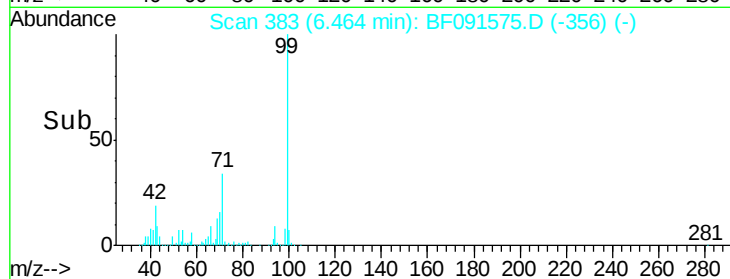
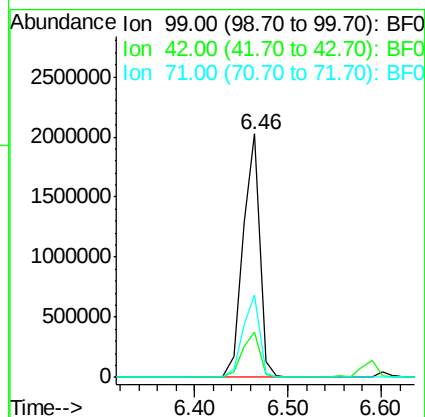
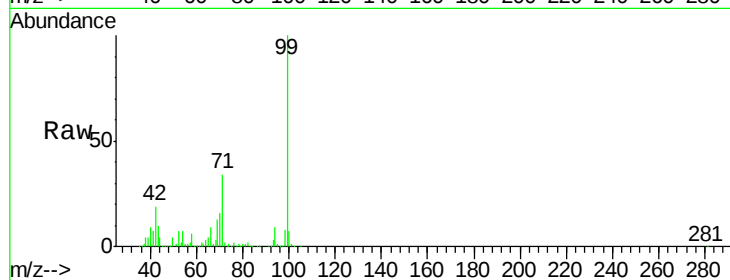
BNA_F

ClientSampleId :

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Tgt Ion: 99 Resp: 2502504

Ion	Ratio	Lower	Upper
99	100		
42	18.8	20.6	31.0#
71	33.9	29.9	44.9



#8

2-Chlorophenol

Concen: 37.65 ng

RT: 6.60 min Scan# 395

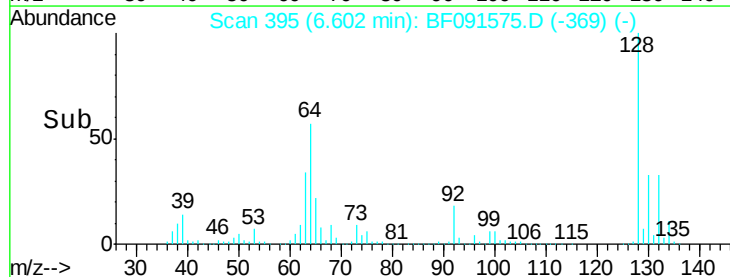
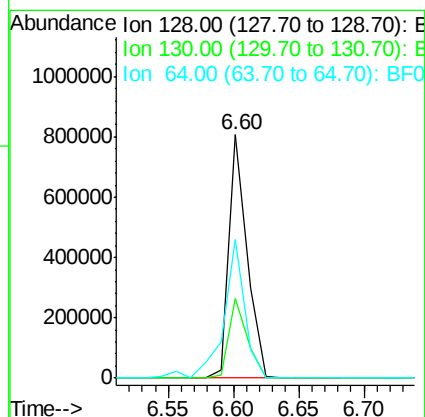
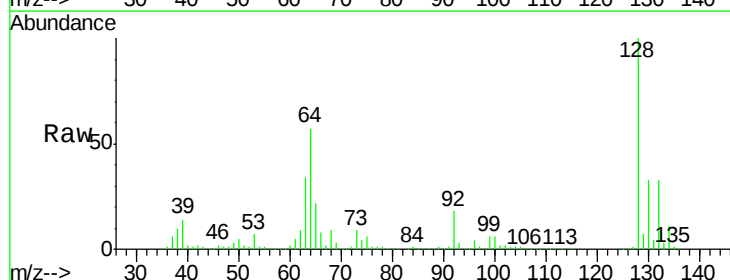
Delta R.T. -0.00 min

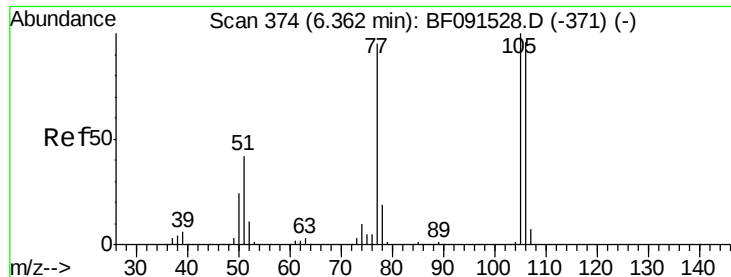
Lab File: BF091575.D

Acq: 14 Dec 2016 2:53

Tgt Ion: 128 Resp: 780669

Ion	Ratio	Lower	Upper
128	100		
130	32.7	13.1	53.1
64	56.9	24.1	64.1





#9

Benzaldehyde

Concen: 3.41 ng

RT: 6.59 min Scan# 394

Delta R.T. 0.23 min

Lab File: BF091575.D

Acq: 14 Dec 2016 2:53

Instrument :

BNA_F

ClientSampleId :

WC120716MSD

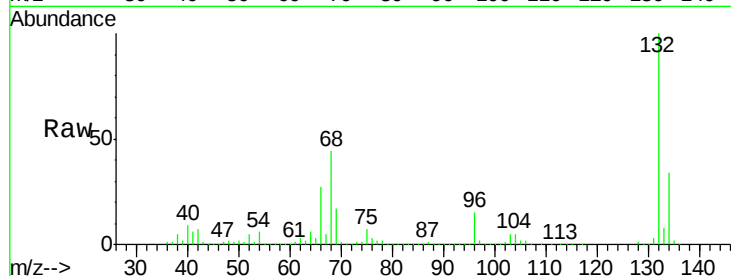
Tgt Ion: 77 Resp: 53792

Ion Ratio Lower Upper

77 100

105 82.6 66.4 106.4

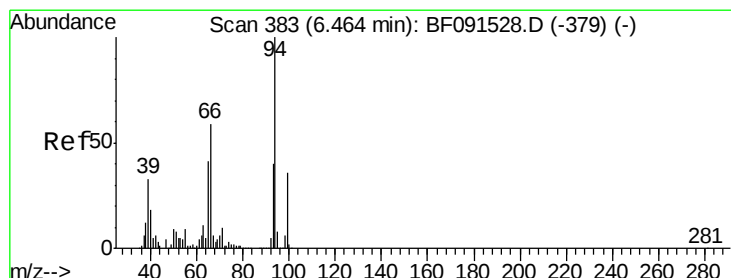
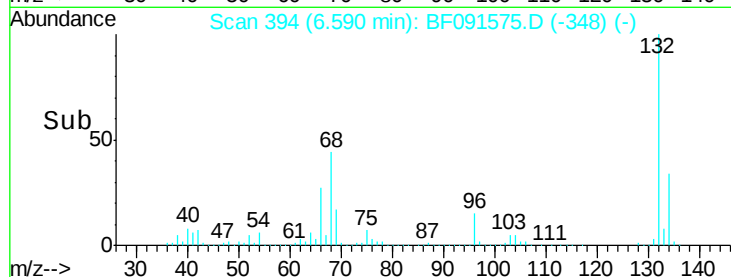
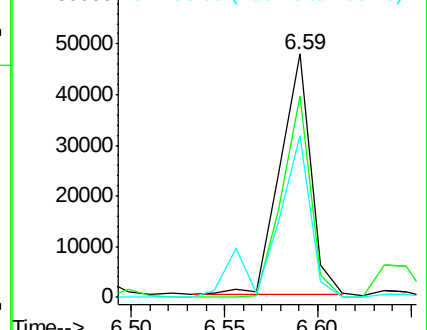
106 66.5 60.9 100.9



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: 38.36 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.01 min

Lab File: BF091575.D

Acq: 14 Dec 2016 2:53

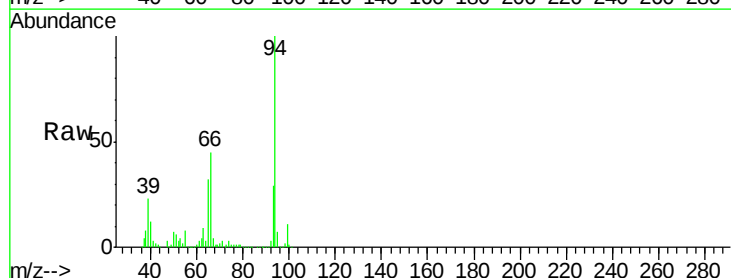
Tgt Ion: 94 Resp: 1027128

Ion Ratio Lower Upper

94 100

65 32.4 16.9 56.9

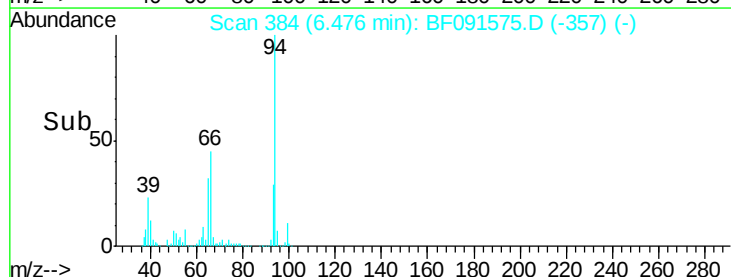
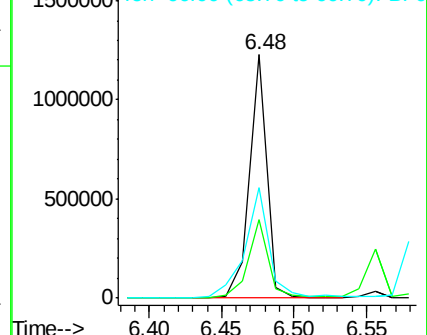
66 45.4 30.6 70.6

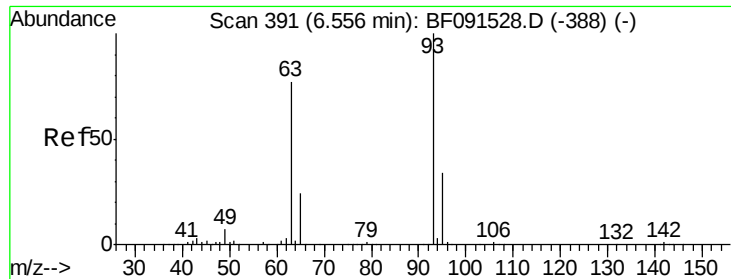


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

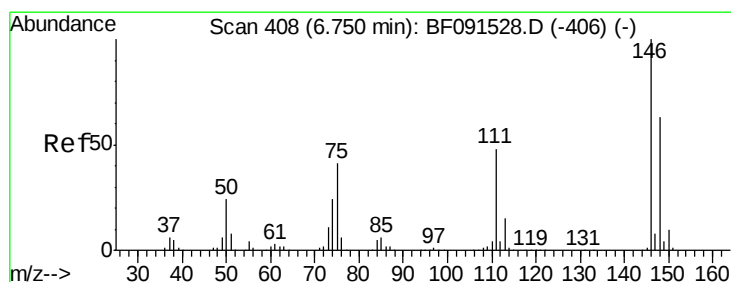
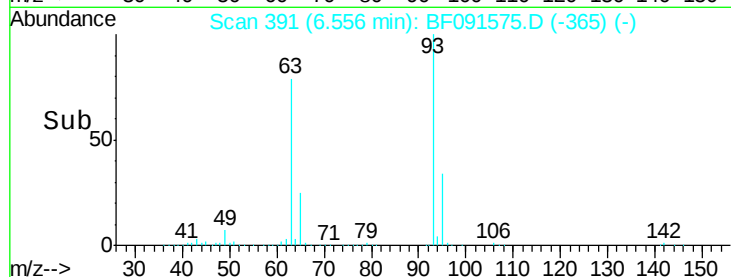
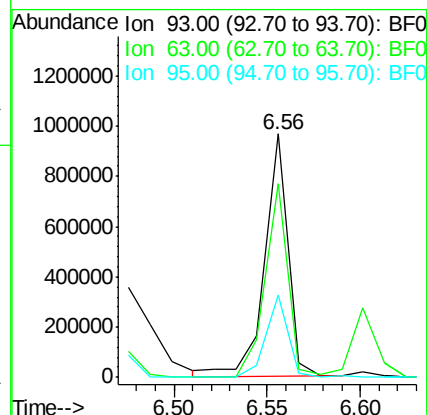
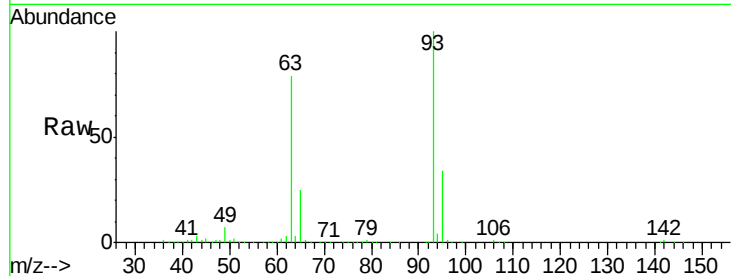




#11
bis(2-Chloroethyl)ether
Concen: 42.12 ng
RT: 6.56 min Scan# 391
Delta R.T. -0.00 min
Lab File: BF091575.D
Acq: 14 Dec 2016 2:53

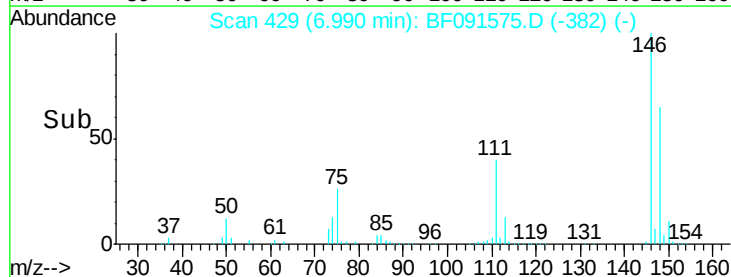
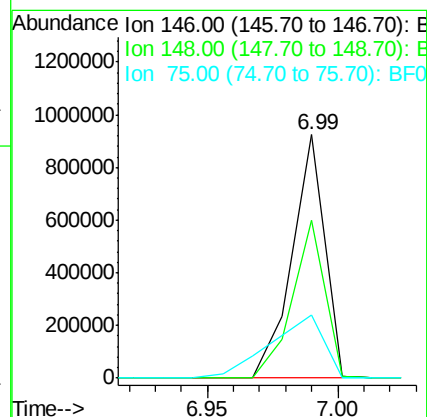
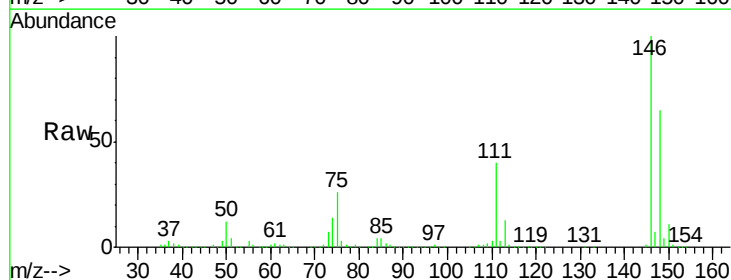
Instrument :
BNA_F
ClientSampleId :
WC120716MSD

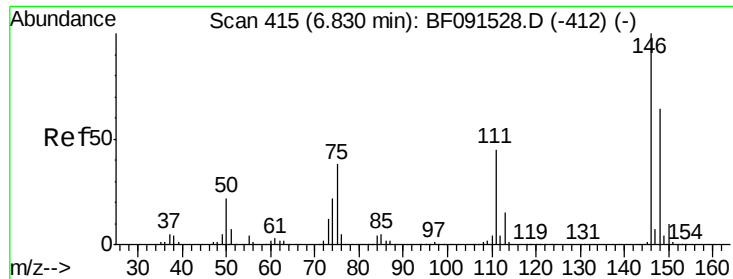
Tgt Ion: 93 Resp: 847352
Ion Ratio Lower Upper
93 100
63 79.4 74.8 114.8
95 33.8 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 35.59 ng
RT: 6.99 min Scan# 429
Delta R.T. 0.24 min
Lab File: BF091575.D
Acq: 14 Dec 2016 2:53

Tgt Ion: 146 Resp: 800425
Ion Ratio Lower Upper
146 100
148 64.8 51.4 77.0
75 25.8 23.6 35.4

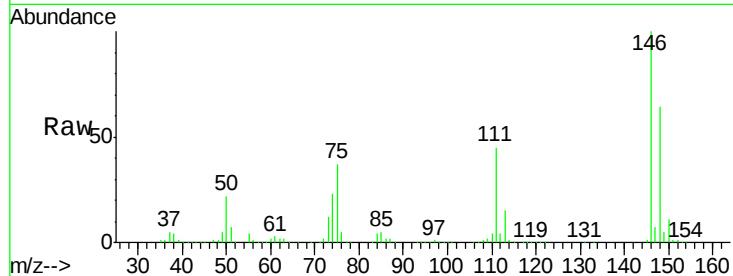




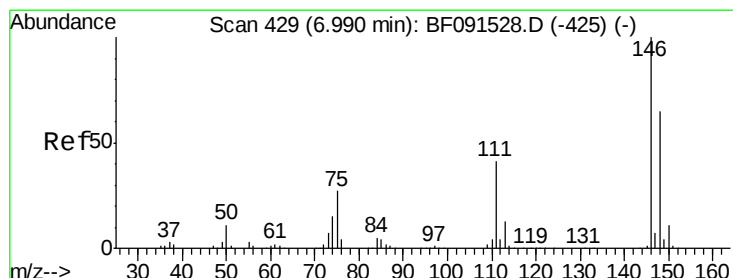
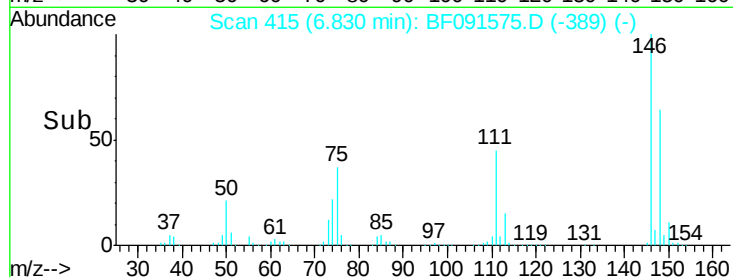
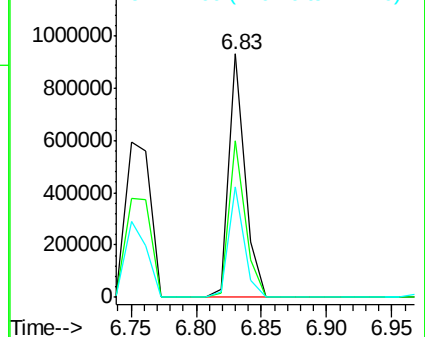
#13
 1,4-Dichlorobenzene
 Concen: 36.39 ng
 RT: 6.83 min Scan# 415
 Delta R.T. -0.00 min
 Lab File: BF091575.D
 Acq: 14 Dec 2016 2:53

Instrument :
 BNA_F
 ClientSampleId :
 WC120716MSD

Tgt Ion:146 Resp: 807198
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.4 77.0
 111 45.5 32.2 48.2

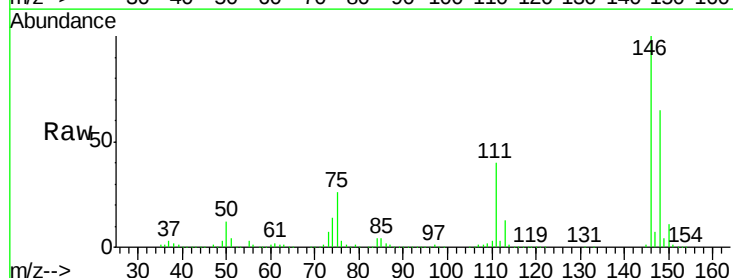


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

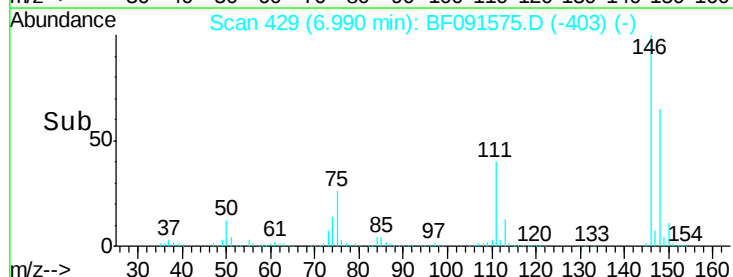
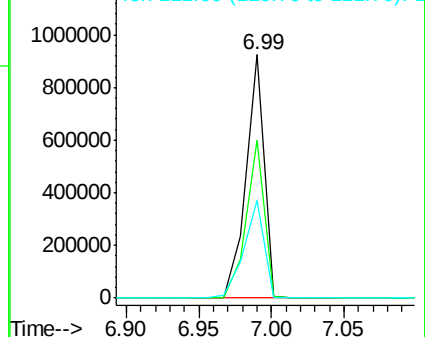


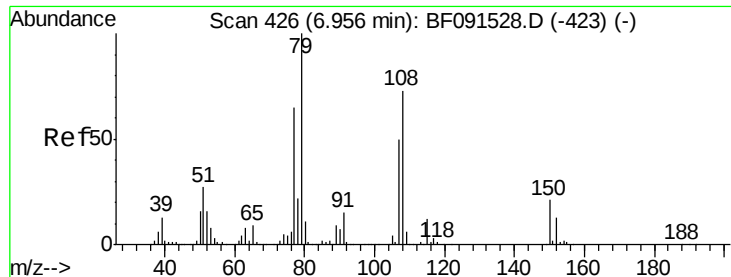
#14
 1,2-Dichlorobenzene
 Concen: 40.07 ng
 RT: 6.99 min Scan# 429
 Delta R.T. -0.00 min
 Lab File: BF091575.D
 Acq: 14 Dec 2016 2:53

Tgt Ion:146 Resp: 800963
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.0 76.6
 111 40.0 38.9 58.3



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





#15

Benzyl Alcohol

Concen: 39.53 ng

RT: 6.97 min Scan# 427

Delta R.T. 0.01 min

Lab File: BF091575.D

Acq: 14 Dec 2016 2:53

Instrument :

BNA_F

ClientSampleId :

WC120716MSD

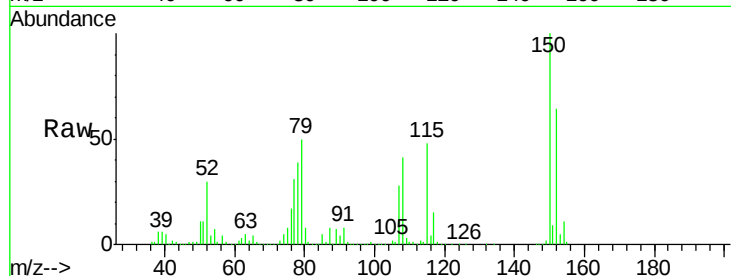
Tgt Ion: 79 Resp: 714766

Ion Ratio Lower Upper

79 100

108 82.0 62.7 94.1

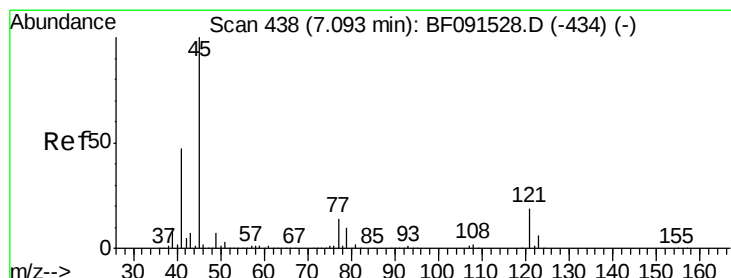
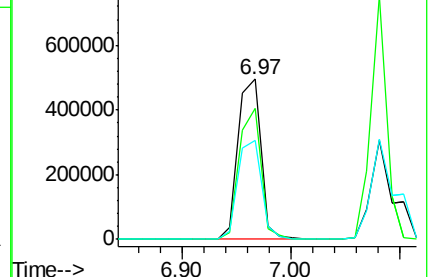
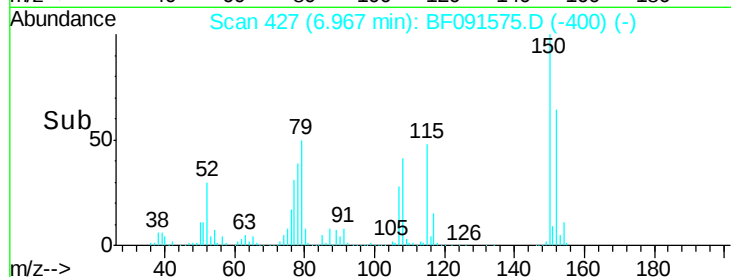
77 62.0 51.7 77.5



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.33 ng

RT: 7.10 min Scan# 439

Delta R.T. 0.01 min

Lab File: BF091575.D

Acq: 14 Dec 2016 2:53

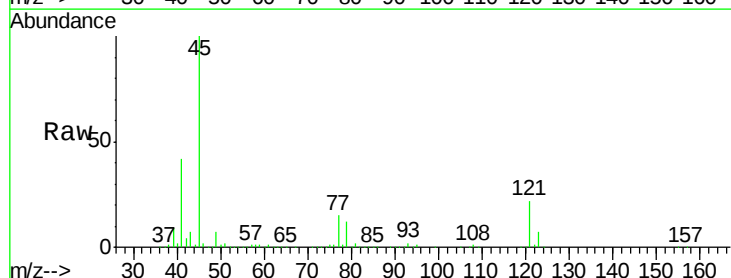
Tgt Ion: 45 Resp: 1226211

Ion Ratio Lower Upper

45 100

77 14.6 3.8 43.8

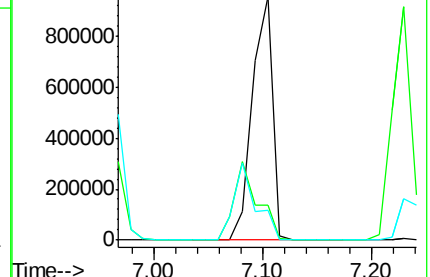
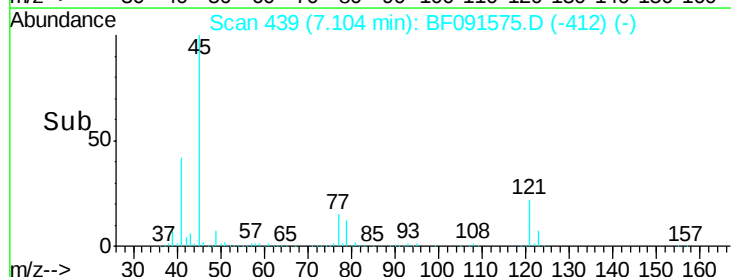
79 12.0 0.2 40.2

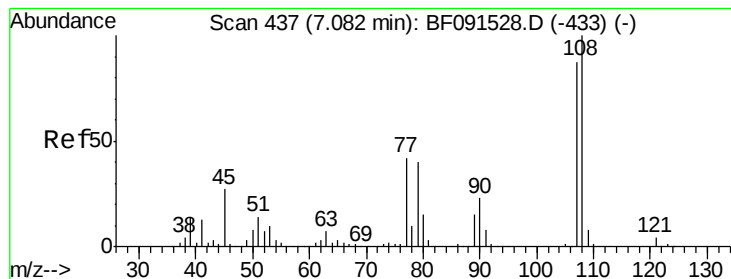


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 38.49 ng

RT: 7.08 min Scan# 437

Delta R.T. -0.00 min

Lab File: BF091575.D

Acq: 14 Dec 2016 2:53

Instrument :

BNA_F

ClientSampleId :

WC120716MSD

Tgt Ion:107 Resp: 660354

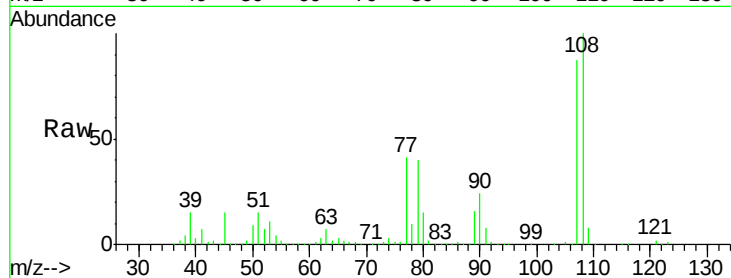
Ion Ratio Lower Upper

107 100

108 115.5 67.7 101.5#

77 47.6 40.7 61.1

79 46.7 23.4 35.2#



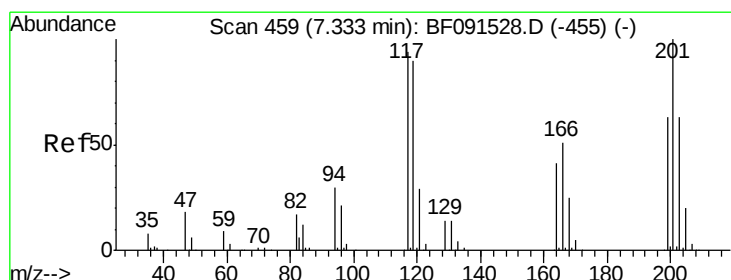
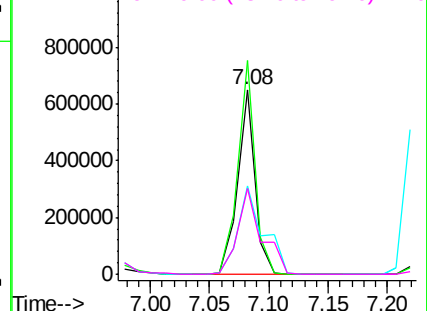
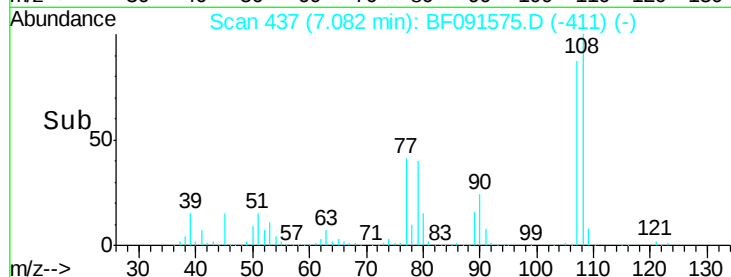
Abundance

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: 35.75 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.00 min

Lab File: BF091575.D

Acq: 14 Dec 2016 2:53

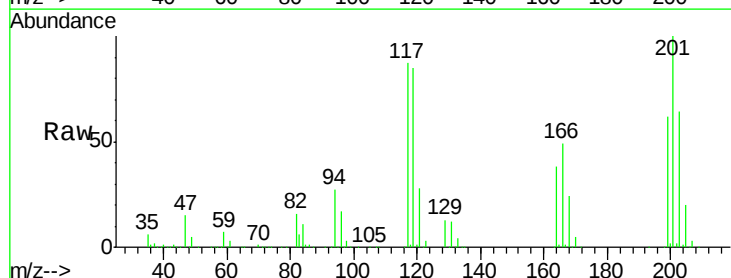
Tgt Ion:117 Resp: 309422

Ion Ratio Lower Upper

117 100

119 97.4 78.6 118.0

201 114.4 86.7 130.1

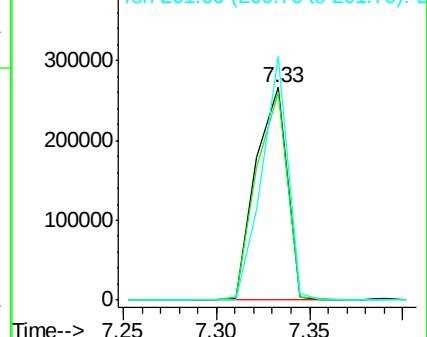
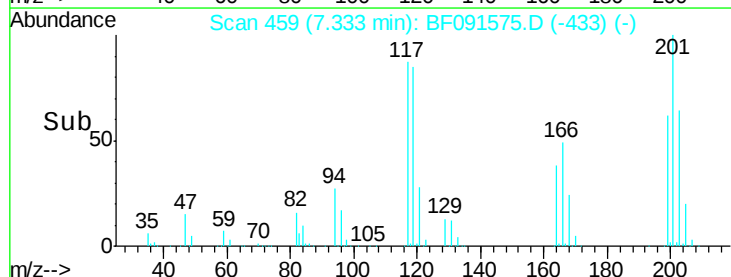


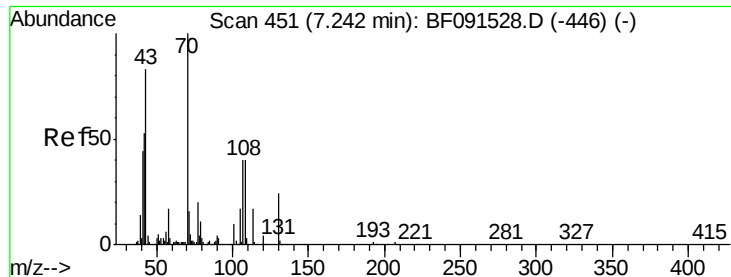
Abundance

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

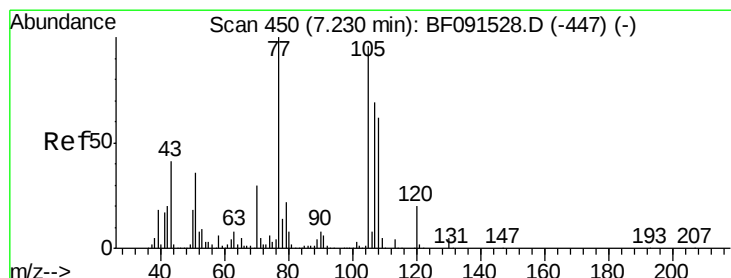
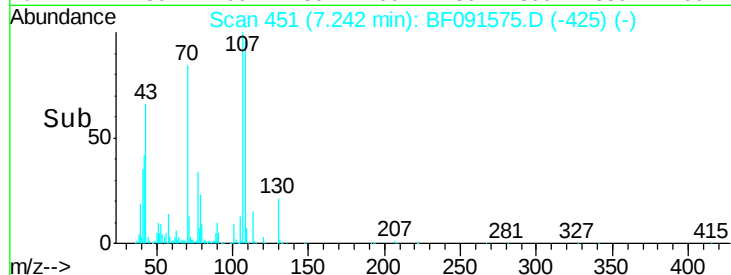
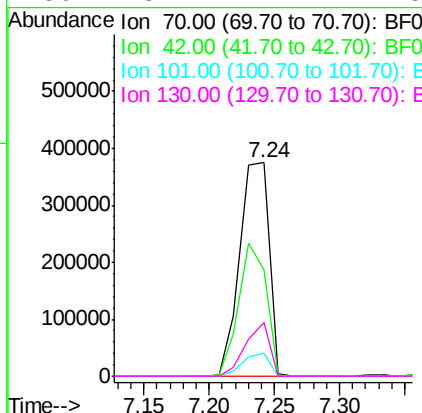
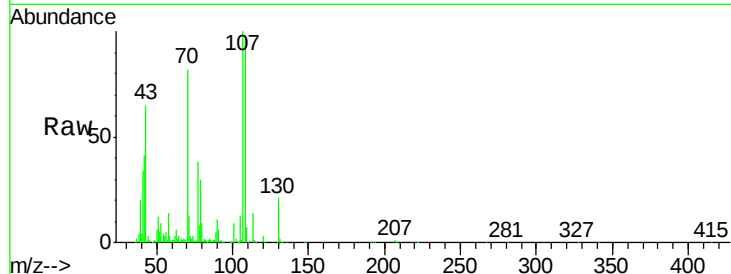




#19
n-Nitroso-di-n-propylamine
Concen: 41.08 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.00 min
Lab File: BF091575.D
Acq: 14 Dec 2016 2:53

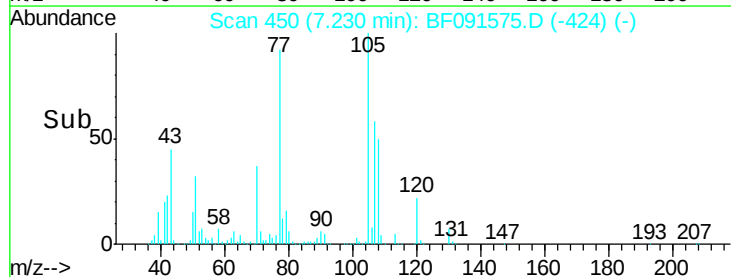
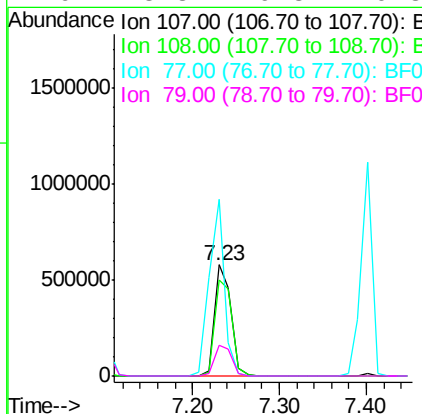
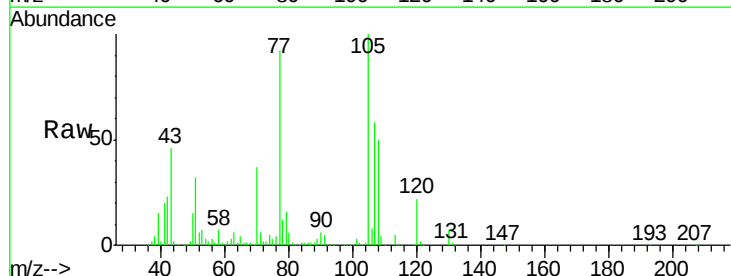
Instrument :
BNA_F
ClientSampleId :
WC120716MSD

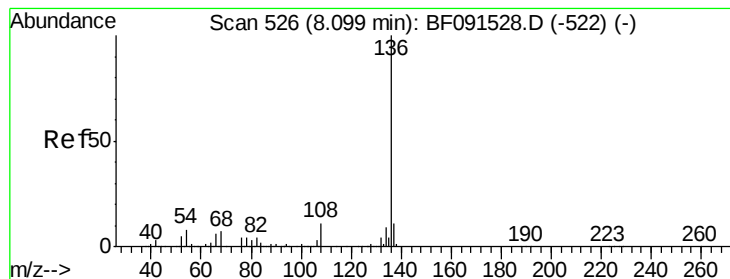
Tgt Ion: 70 Resp: 588364
Ion Ratio Lower Upper
70 100
42 50.0 64.8 97.2#
101 10.5 6.2 9.4#
130 25.4 11.7 17.5#



#20
3+4-Methylphenols
Concen: 41.07 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.00 min
Lab File: BF091575.D
Acq: 14 Dec 2016 2:53

Tgt Ion: 107 Resp: 766066
Ion Ratio Lower Upper
107 100
108 86.3 64.6 104.6
77 159.5 30.9 70.9#
79 28.3 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: BF091575.D

Acq: 14 Dec 2016 2:53

Instrument :

BNA_F

ClientSampleId :

WC120716MSD

Tgt Ion:136 Resp: 1198667

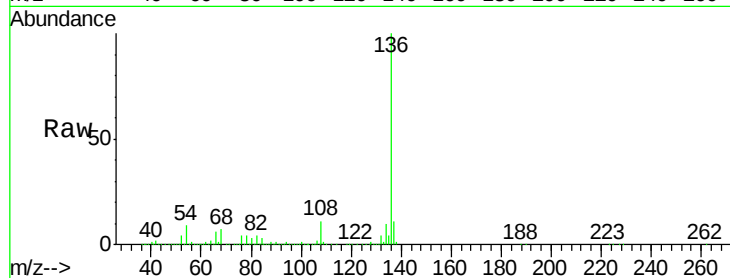
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 8.5 9.1 13.7#

68 6.5 5.9 8.9

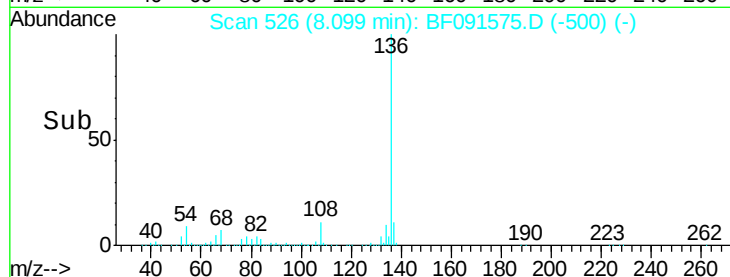


Abundance Ion 136.00 (135.70 to 136.70): E

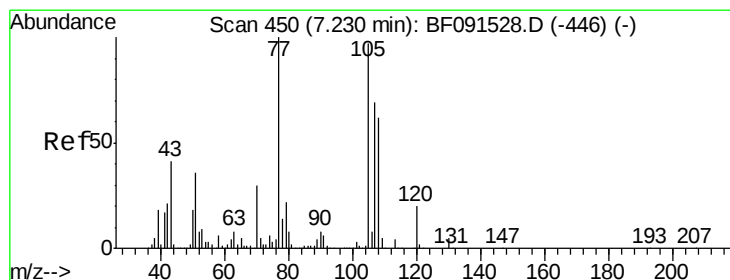
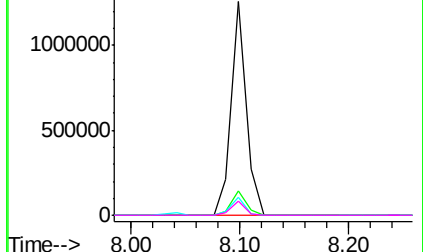
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 40.43 ng

RT: 7.23 min Scan# 450

Delta R.T. -0.00 min

Lab File: BF091575.D

Acq: 14 Dec 2016 2:53

Tgt Ion:105 Resp: 1161031

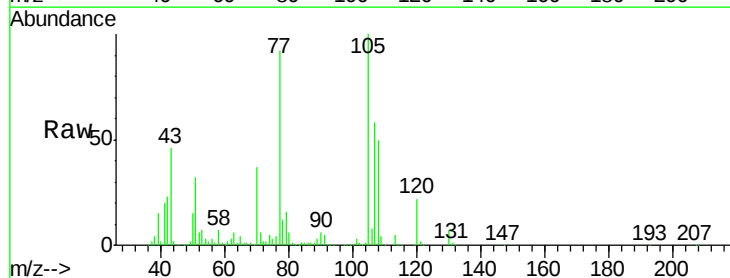
Ion Ratio Lower Upper

105 100

71 6.2 7.9 11.9#

51 31.9 24.5 36.7

120 21.7 16.6 24.8

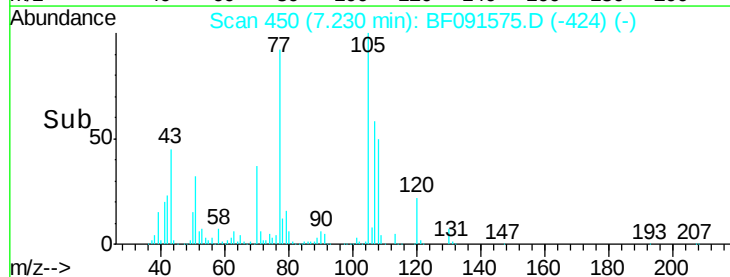


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

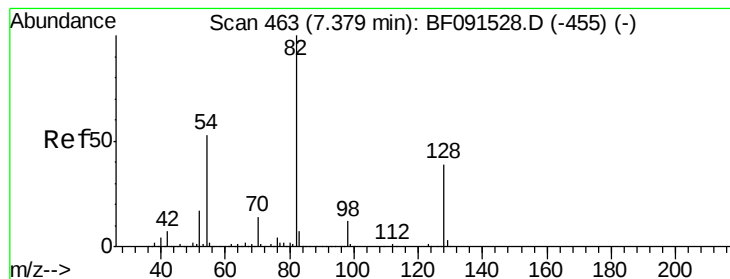
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->





#23

Nitrobenzene-d5

Concen: 79.25 ng

RT: 7.38 min Scan# 463

Delta R.T. -0.00 min

Lab File: BF091575.D

Acq: 14 Dec 2016 2:53

Instrument :

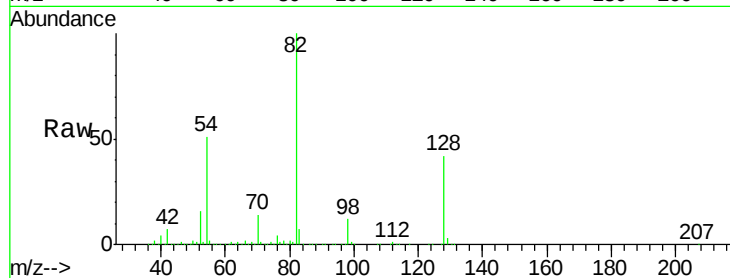
BNA_F

ClientSampleId :

WC120716MSD

Tgt Ion: 82 Resp: 1701970

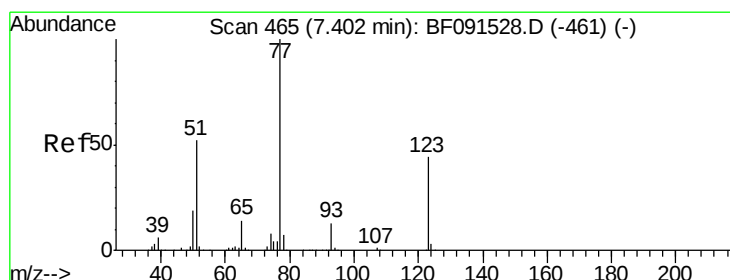
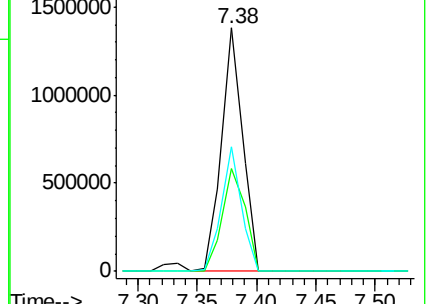
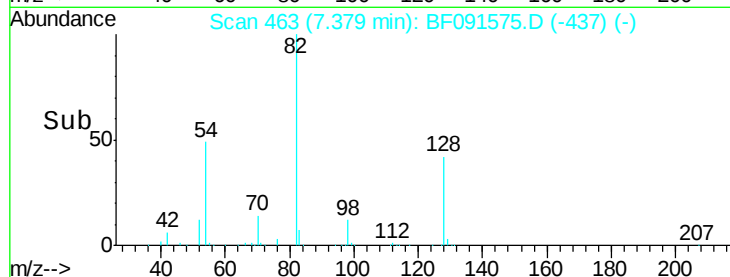
Ion	Ratio	Lower	Upper
82	100		
128	42.1	31.8	47.6
54	51.3	49.1	73.7



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 43.13 ng

RT: 7.40 min Scan# 465

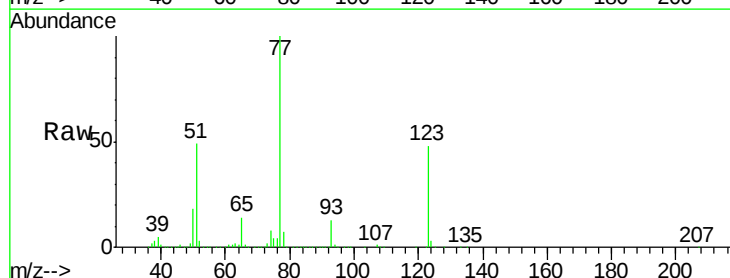
Delta R.T. -0.00 min

Lab File: BF091575.D

Acq: 14 Dec 2016 2:53

Tgt Ion: 77 Resp: 978649

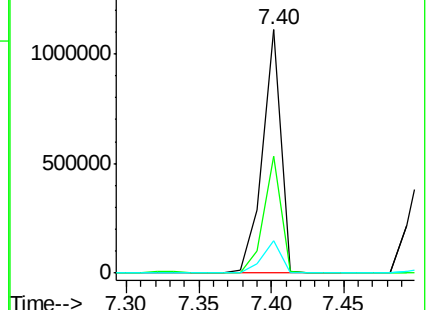
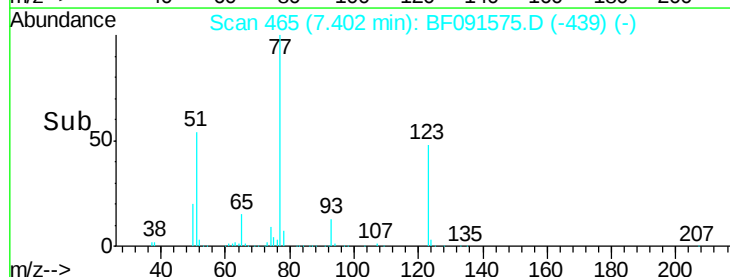
Ion	Ratio	Lower	Upper
77	100		
123	47.9	28.5	42.7#
65	13.5	12.5	18.7

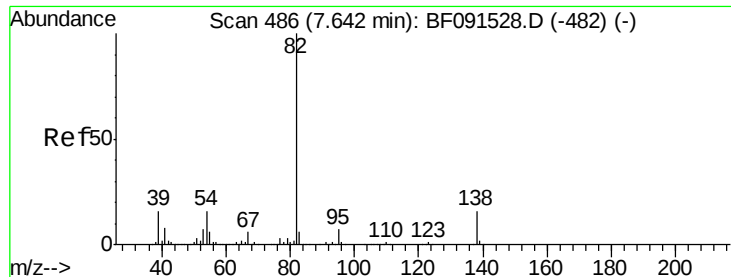


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 42.86 ng

RT: 7.64 min Scan# 486

Delta R.T. -0.00 min

Lab File: BF091575.D

Acq: 14 Dec 2016 2:53

Instrument :

BNA_F

ClientSampleId :

WC120716MSD

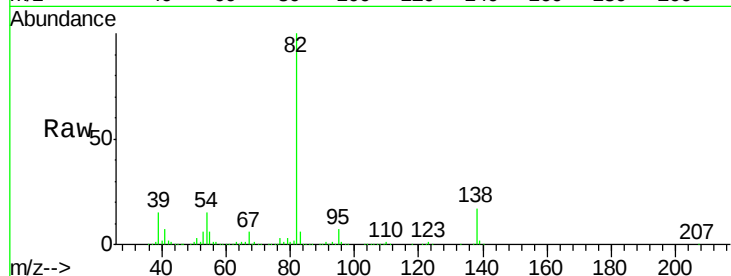
Tgt Ion: 82 Resp: 1636274

Ion Ratio Lower Upper

82 100

95 7.0 5.7 8.5

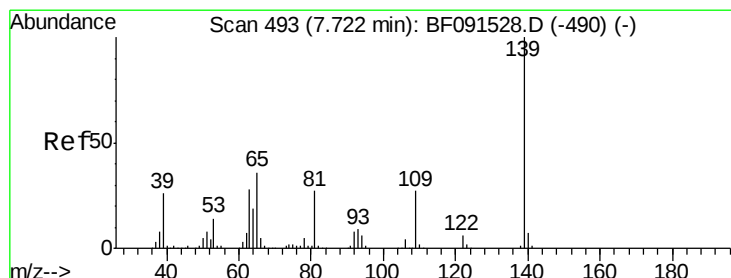
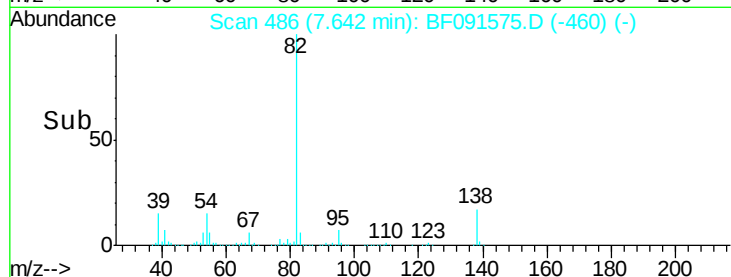
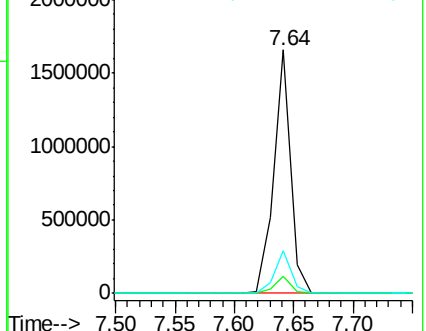
138 17.3 13.4 20.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 43.23 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.00 min

Lab File: BF091575.D

Acq: 14 Dec 2016 2:53

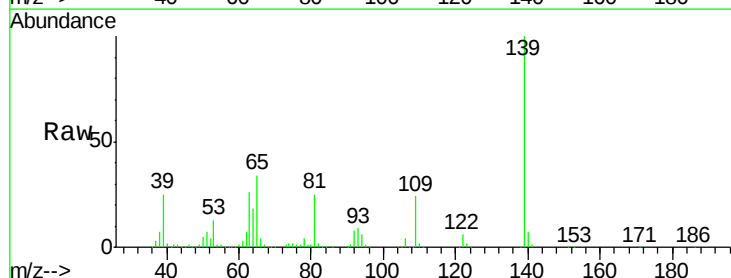
Tgt Ion: 139 Resp: 432944

Ion Ratio Lower Upper

139 100

109 24.2 25.3 37.9#

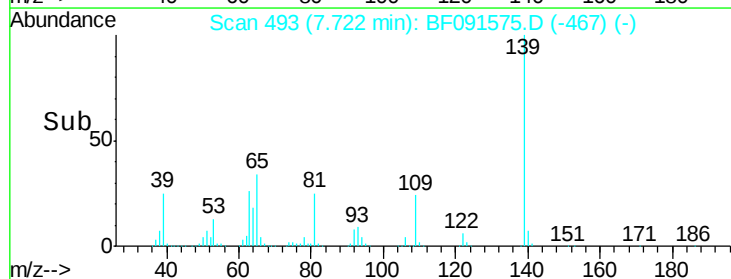
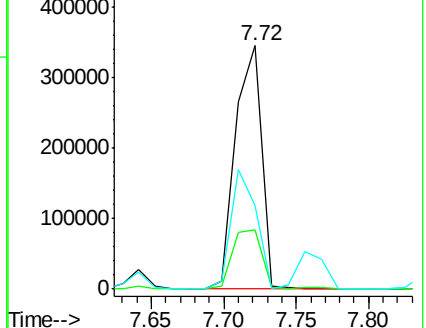
65 34.3 55.4 83.2#

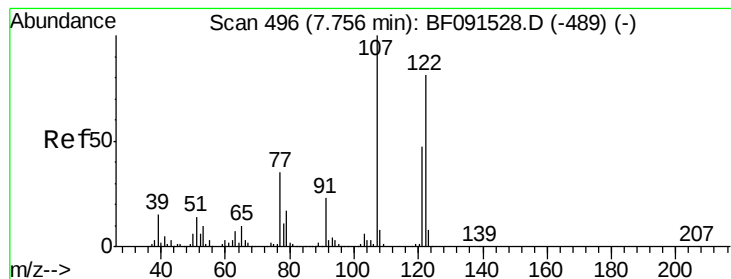


Abundance Ion 139.00 (138.70 to 139.70): BF0

Ion 109.00 (108.70 to 109.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 42.83 ng

RT: 7.77 min Scan# 497

Delta R.T. 0.01 min

Lab File: BF091575.D

Acq: 14 Dec 2016 2:53

Instrument :

BNA_F

ClientSampleId :

WC120716MSD

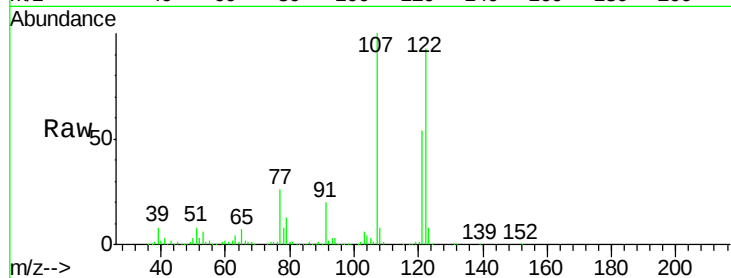
Tgt Ion:122 Resp: 753433

Ion Ratio Lower Upper

122 100

107 107.0 96.8 145.2

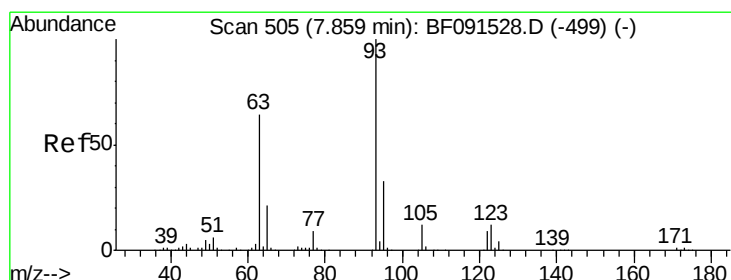
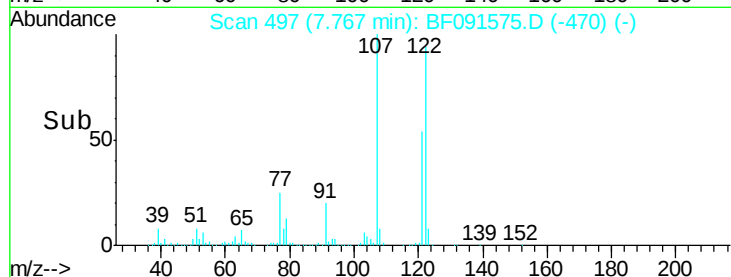
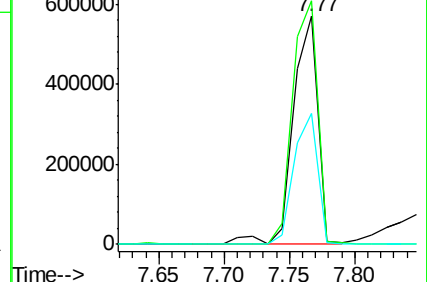
121 57.5 47.7 71.5



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: 46.79 ng

RT: 7.86 min Scan# 505

Delta R.T. -0.00 min

Lab File: BF091575.D

Acq: 14 Dec 2016 2:53

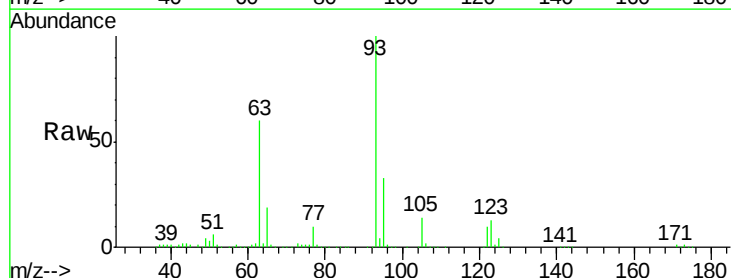
Tgt Ion: 93 Resp: 1047770

Ion Ratio Lower Upper

93 100

95 33.2 26.0 39.0

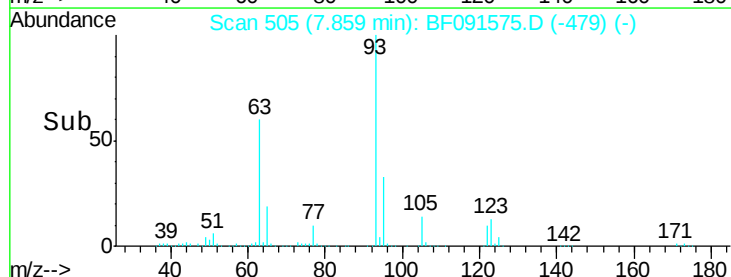
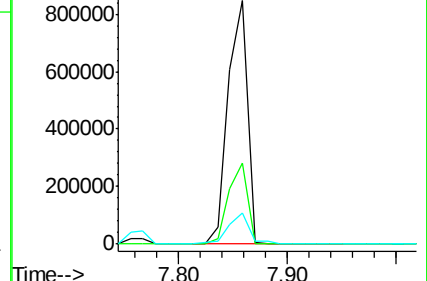
123 12.8 8.6 12.8

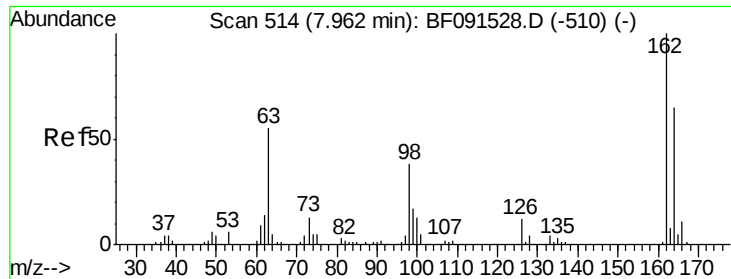


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

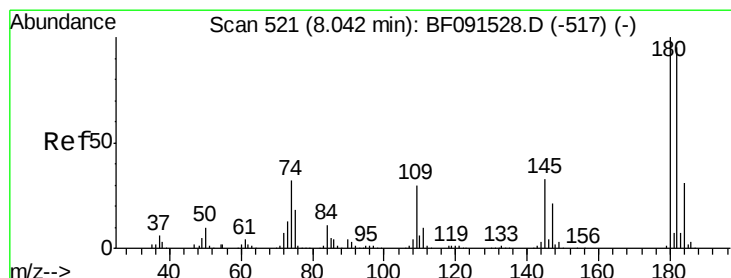
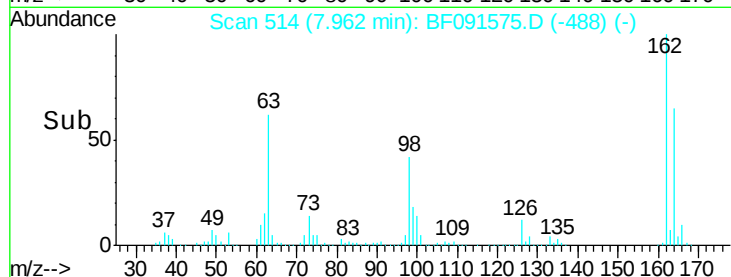
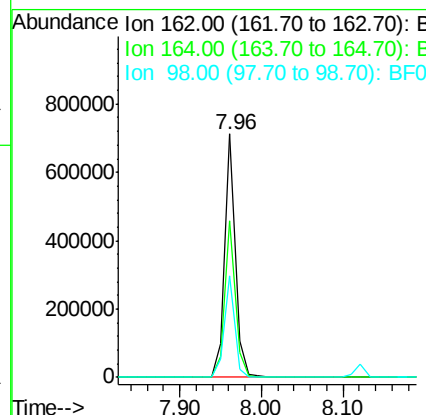
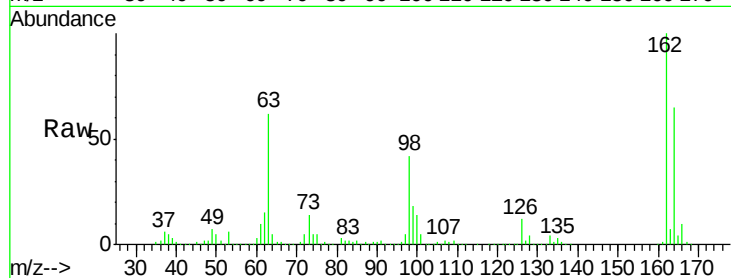




#29
2,4-Dichlorophenol
Concen: 41.88 ng
RT: 7.96 min Scan# 514
Delta R.T. -0.00 min
Lab File: BF091575.D
Acq: 14 Dec 2016 2:53

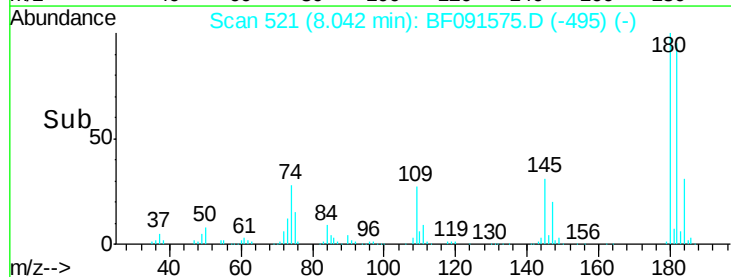
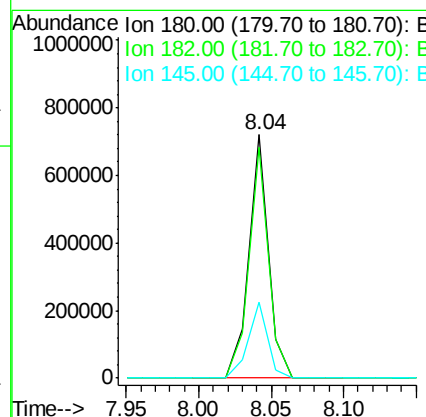
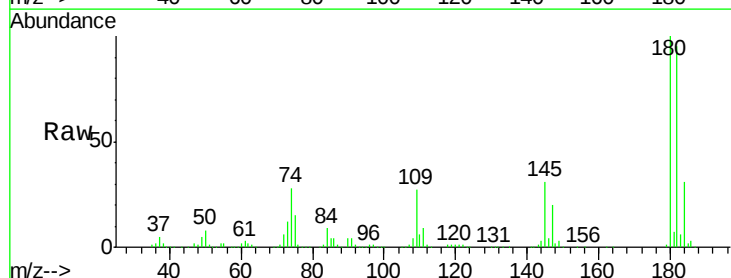
Instrument :
BNA_F
ClientSampleId :
WC120716MSD

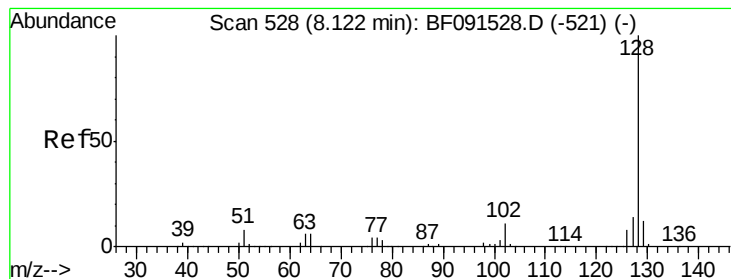
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.6	45.0	85.0
98	41.9	21.3	61.3



#30
1,2,4-Trichlorobenzene
Concen: 38.75 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.00 min
Lab File: BF091575.D
Acq: 14 Dec 2016 2:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	75.8	113.8
145	31.4	27.0	40.4





#31

Naphthalene

Concen: 39.04 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.00 min

Lab File: BF091575.D

Acq: 14 Dec 2016 2:53

Instrument :

BNA_F

ClientSampleId :

WC120716MSD

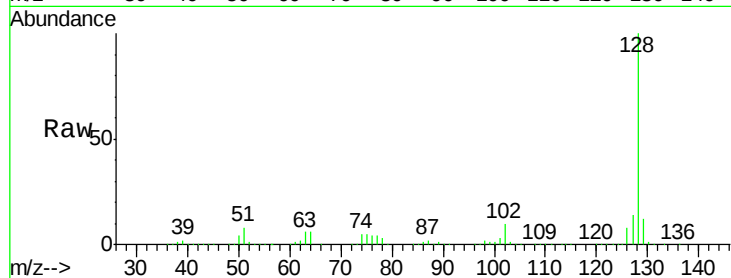
Tgt Ion:128 Resp: 2177373

Ion Ratio Lower Upper

128 100

129 12.1 9.1 13.7

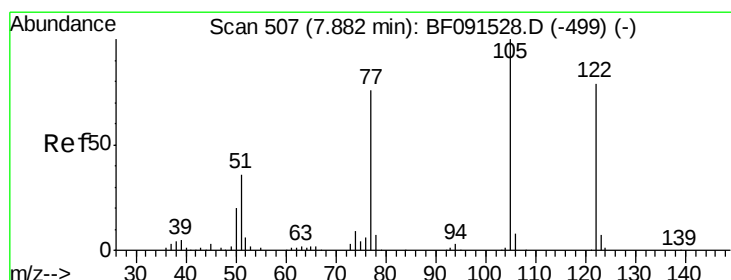
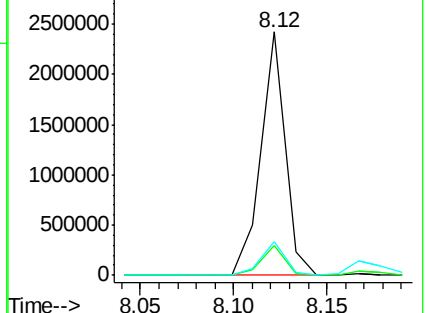
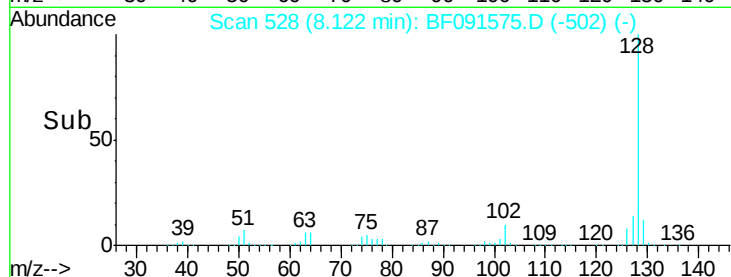
127 13.7 11.0 16.4



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: 35.27 ng

RT: 7.88 min Scan# 507

Delta R.T. 0.00 min

Lab File: BF091575.D

Acq: 14 Dec 2016 2:53

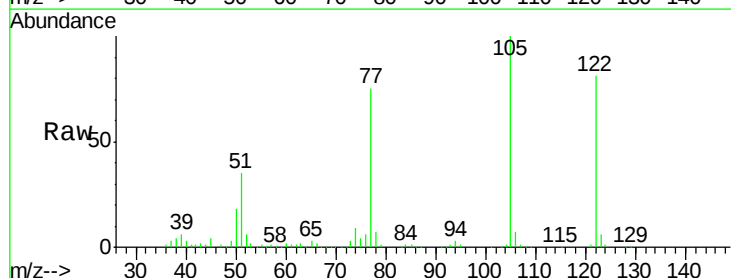
Tgt Ion:122 Resp: 426987

Ion Ratio Lower Upper

122 100

105 124.2 113.0 153.0

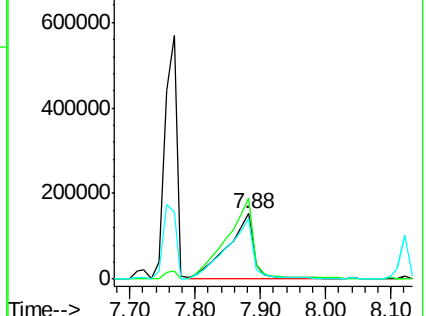
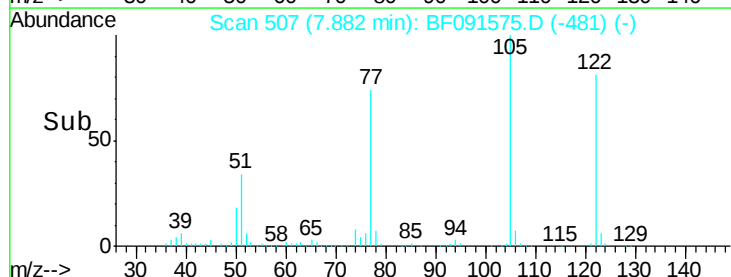
77 93.4 82.0 122.0

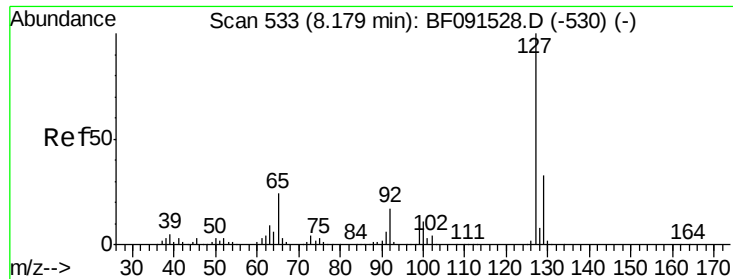


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

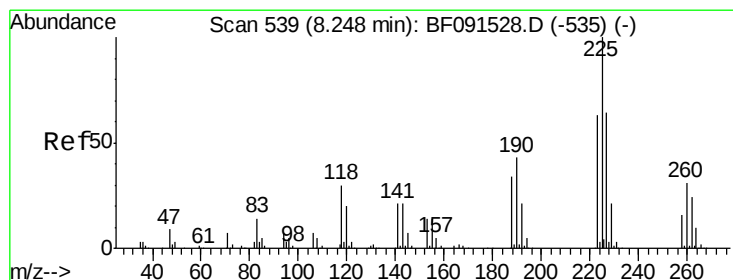
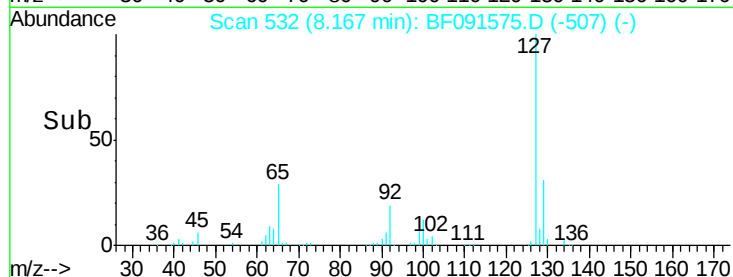
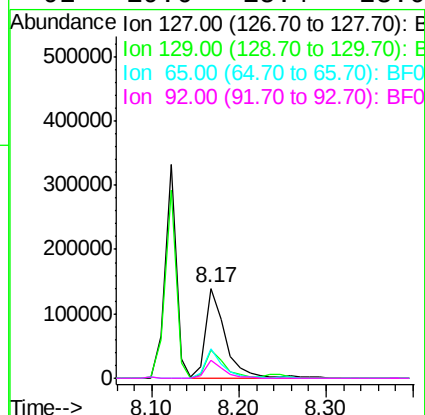
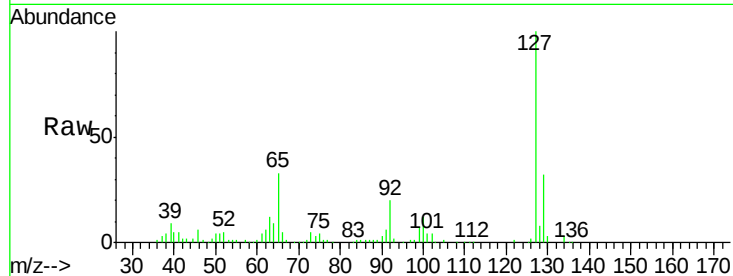




#33
 4-Chloroaniline
 Concen: 9.12 ng
 RT: 8.17 min Scan# 532
 Delta R.T. -0.01 min
 Lab File: BF091575.D
 Acq: 14 Dec 2016 2:53

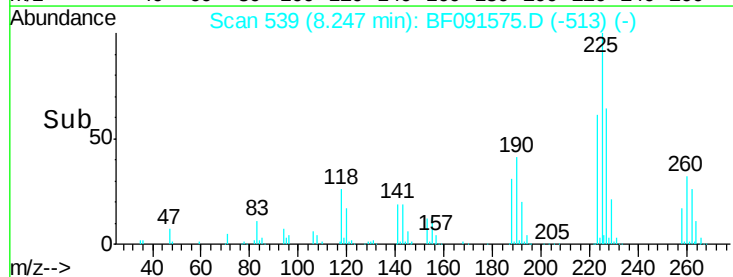
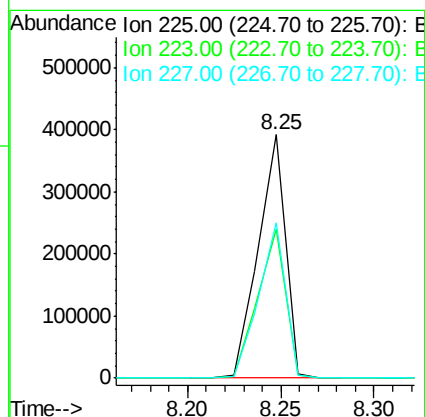
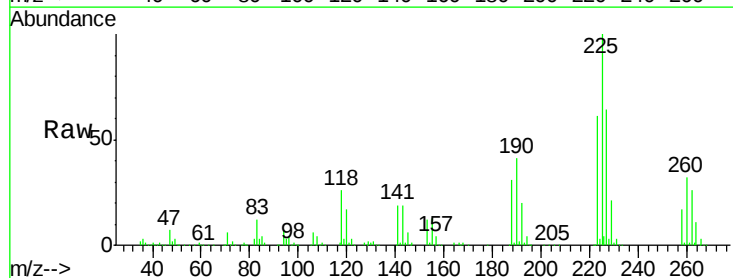
Instrument :
 BNA_F
 ClientSampleId :
 WC120716MSD

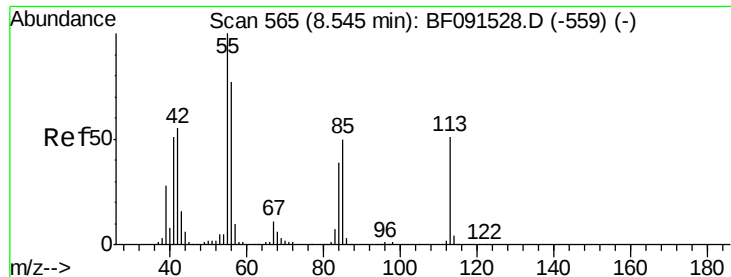
Tgt Ion:	127	Resp:	219095
Ion	Ratio	Lower	Upper
127	100		
129	31.6	26.2	39.4
65	33.4	26.6	39.8
92	19.6	15.4	23.0



#34
 Hexachlorobutadiene
 Concen: 39.53 ng
 RT: 8.25 min Scan# 539
 Delta R.T. -0.00 min
 Lab File: BF091575.D
 Acq: 14 Dec 2016 2:53

Tgt Ion:	225	Resp:	394193
Ion	Ratio	Lower	Upper
225	100		
223	61.1	49.8	74.6
227	63.9	52.6	79.0

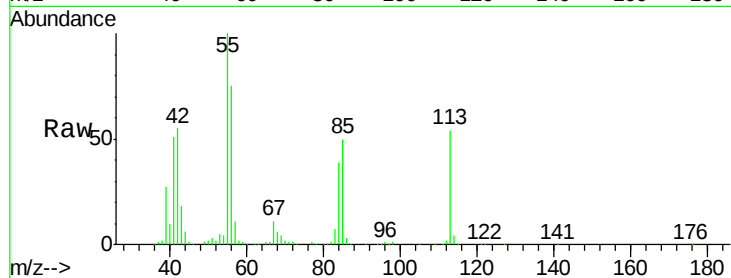




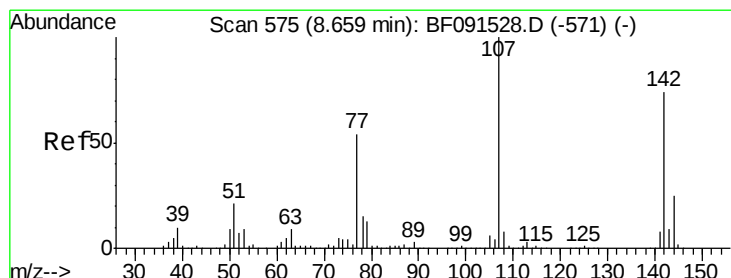
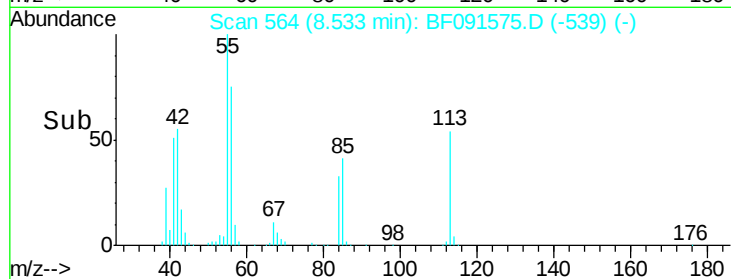
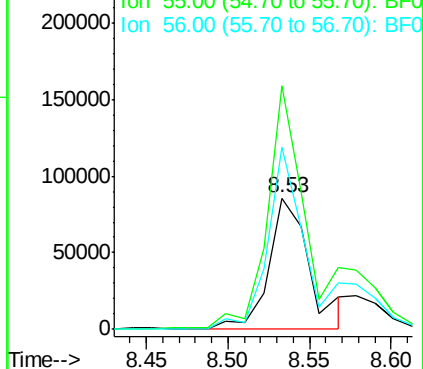
#35
 Caprolactam
 Concen: 33.37 ng
 RT: 8.53 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: BF091575.D
 Acq: 14 Dec 2016 2:53

Instrument :
 BNA_F
 ClientSampleId :
 WC120716MSD

Tgt Ion:113 Resp: 149131
 Ion Ratio Lower Upper
 113 100
 55 185.0 239.8 279.8#
 56 138.9 165.6 205.6#

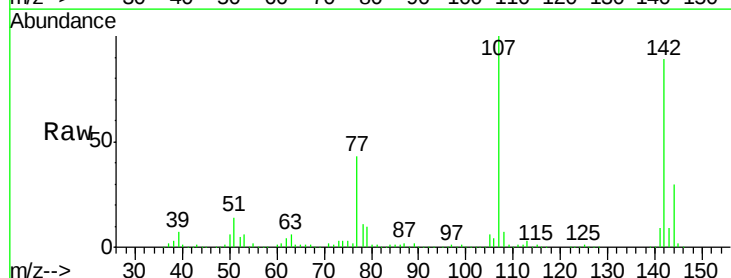


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

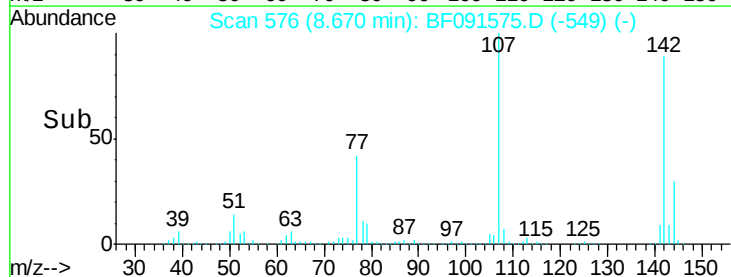
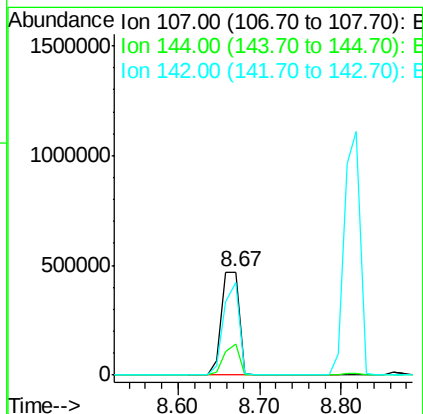


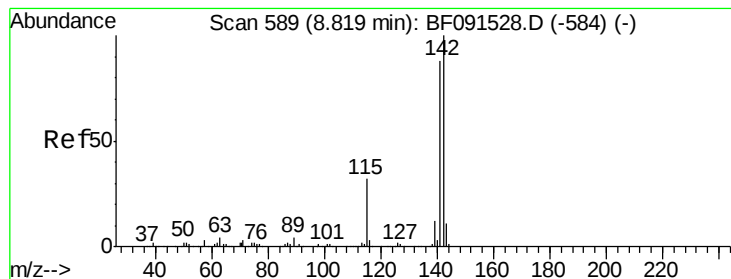
#36
 4-Chloro-3-methylphenol
 Concen: 40.78 ng
 RT: 8.67 min Scan# 576
 Delta R.T. 0.01 min
 Lab File: BF091575.D
 Acq: 14 Dec 2016 2:53

Tgt Ion:107 Resp: 699900
 Ion Ratio Lower Upper
 107 100
 144 29.8 18.9 28.3#
 142 89.5 58.5 87.7#



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

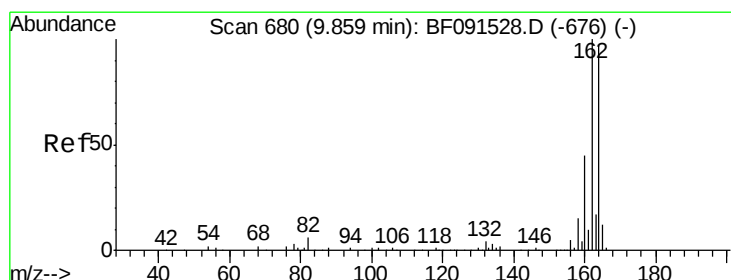
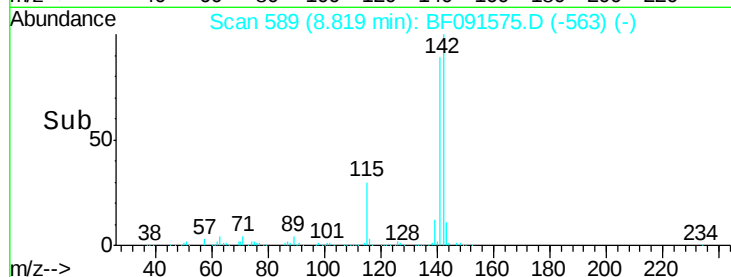
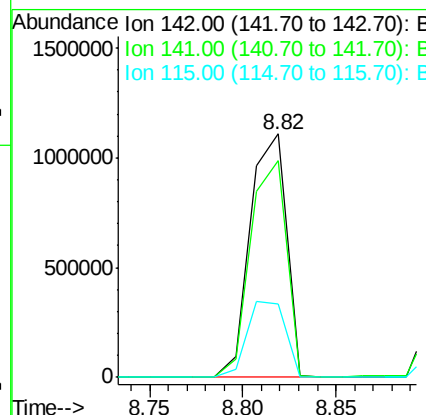
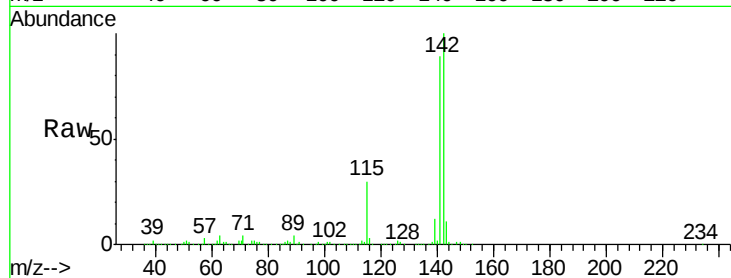




#37
 2-Methylnaphthalene
 Concen: 41.48 ng
 RT: 8.82 min Scan# 589
 Delta R.T. -0.00 min
 Lab File: BF091575.D
 Acq: 14 Dec 2016 2:53

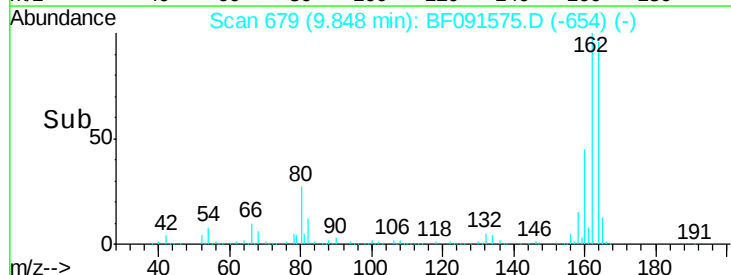
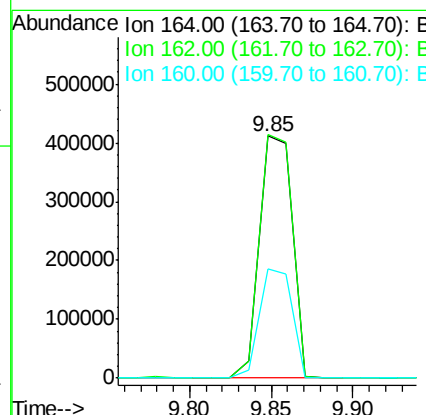
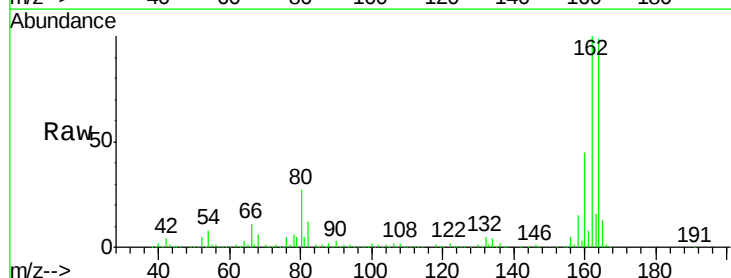
Instrument :
 BNA_F
 ClientSampleId :
 WC120716MSD

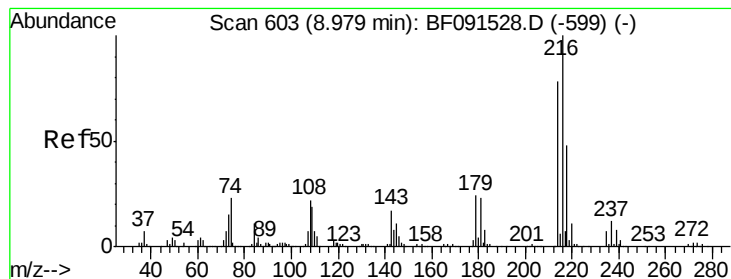
Tgt Ion:142 Resp: 1497247
 Ion Ratio Lower Upper
 142 100
 141 89.2 71.7 107.5
 115 30.0 25.0 37.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.01 min
 Lab File: BF091575.D
 Acq: 14 Dec 2016 2:53

Tgt Ion:164 Resp: 576889
 Ion Ratio Lower Upper
 164 100
 162 100.6 82.6 124.0
 160 45.1 36.7 55.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.23 ng

RT: 8.98 min Scan# 603

Delta R.T. -0.00 min

Lab File: BF091575.D

Acq: 14 Dec 2016 2:53

Instrument :

BNA_F

ClientSampleId :

WC120716MSD

Tgt Ion:216 Resp: 589004

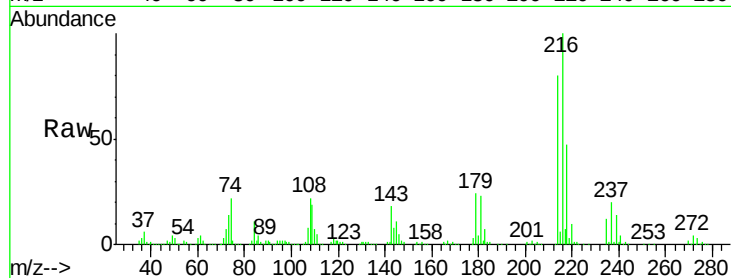
Ion Ratio Lower Upper

216 100

214 78.9 63.8 95.8

179 23.4 18.2 27.2

108 24.1 17.2 25.8

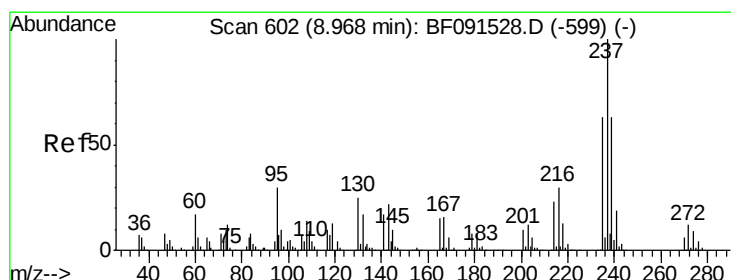
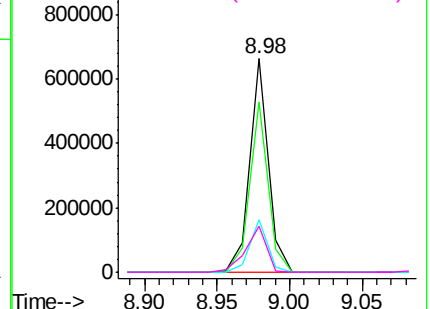
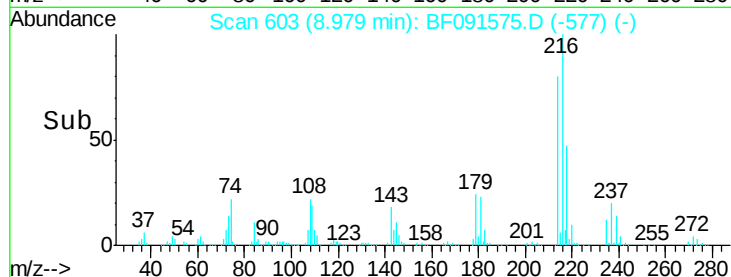


Abundance Ion 216.00 (215.70 to 216.70): E

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: 67.92 ng

RT: 8.97 min Scan# 602

Delta R.T. -0.00 min

Lab File: BF091575.D

Acq: 14 Dec 2016 2:53

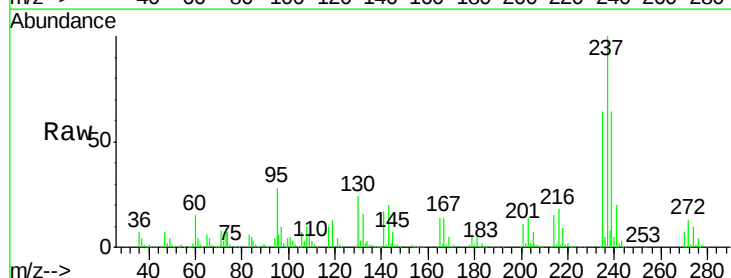
Tgt Ion:237 Resp: 479162

Ion Ratio Lower Upper

237 100

235 63.8 43.9 83.9

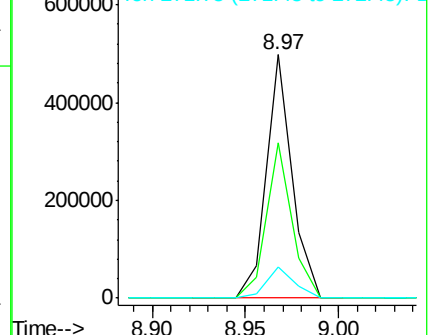
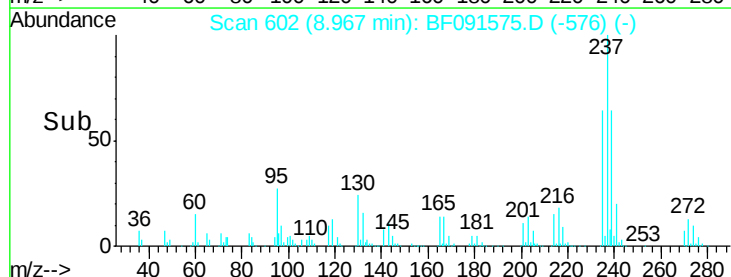
272 12.6 0.0 33.1

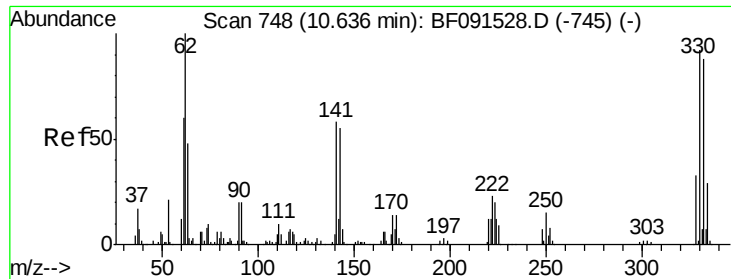


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

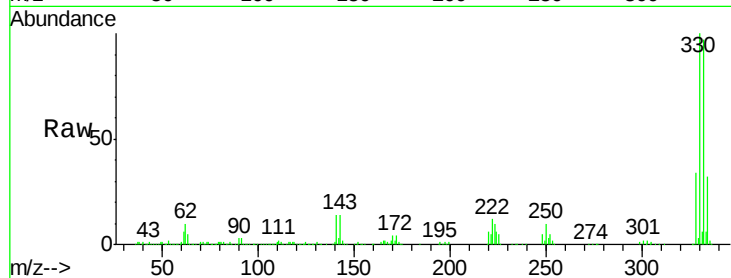




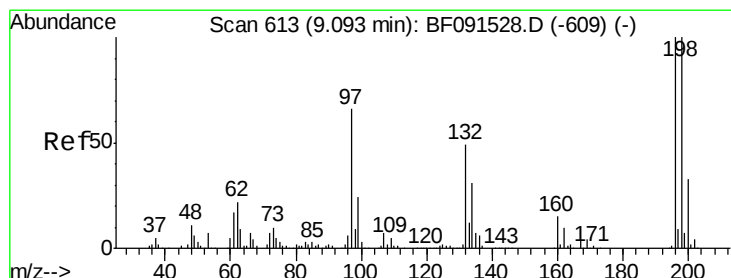
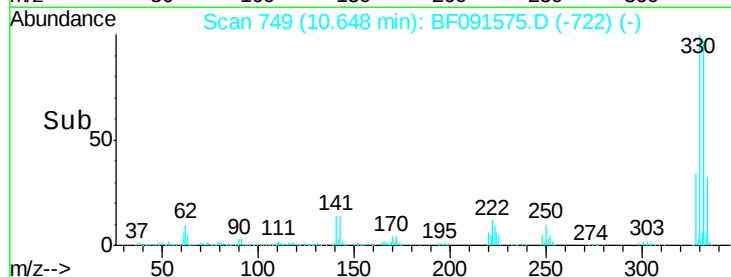
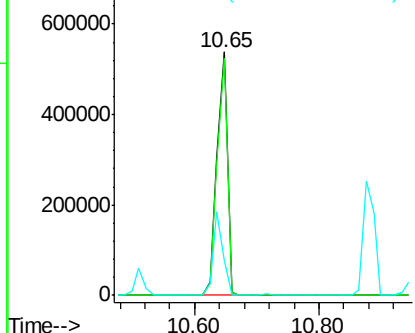
#41
 2,4,6-Tribromophenol
 Concen: 127.63 ng
 RT: 10.65 min Scan# 749
 Delta R.T. 0.01 min
 Lab File: BF091575.D
 Acq: 14 Dec 2016 2:53

Instrument :
 BNA_F
 ClientSampleId :
 WC120716MSD

Tgt Ion:330 Resp: 611530
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.2 114.4
 141 33.1 33.6 50.4#

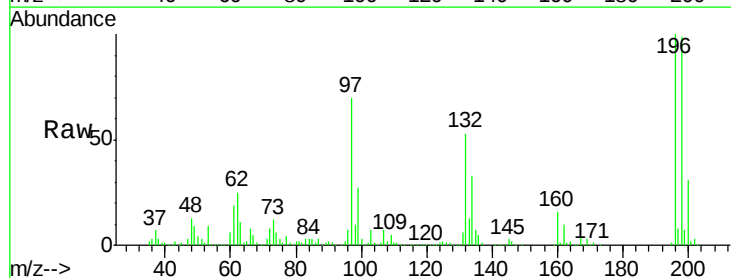


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

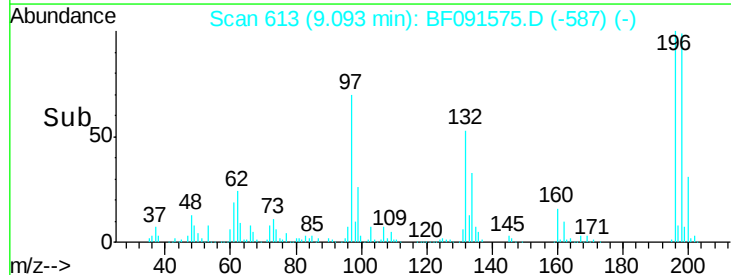
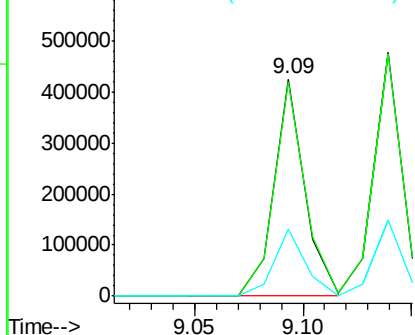


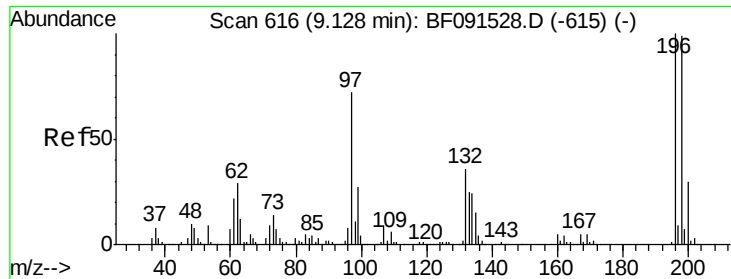
#42
 2,4,6-Trichlorophenol
 Concen: 41.76 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF091575.D
 Acq: 14 Dec 2016 2:53

Tgt Ion:196 Resp: 424579
 Ion Ratio Lower Upper
 196 100
 198 98.7 77.4 116.0
 200 30.9 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

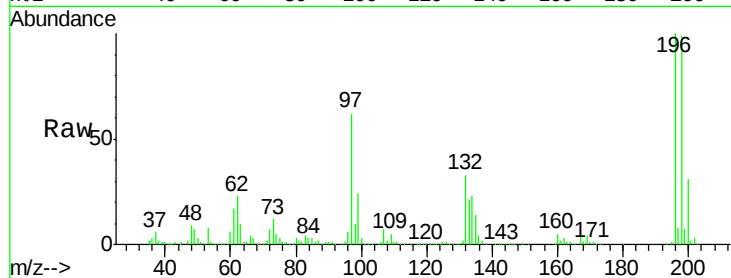




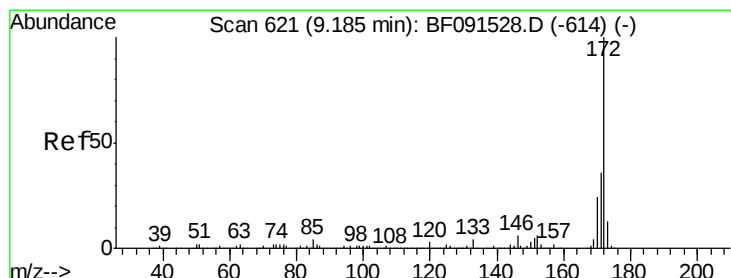
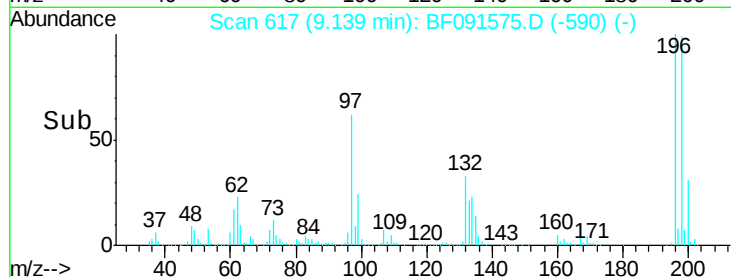
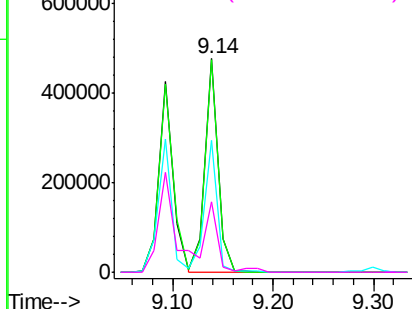
#43
 2,4,5-Trichlorophenol
 Concen: 41.58 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.01 min
 Lab File: BF091575.D
 Acq: 14 Dec 2016 2:53

Instrument :
 BNA_F
 ClientSampleId :
 WC120716MSD

Tgt Ion:196 Resp: 434387
 Ion Ratio Lower Upper
 196 100
 198 99.3 77.0 115.6
 97 61.8 33.5 50.3#
 132 33.2 20.5 30.7#

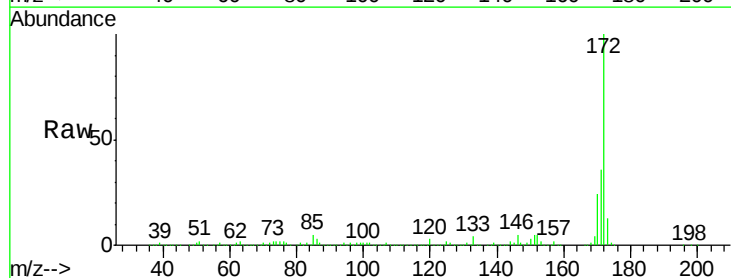


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

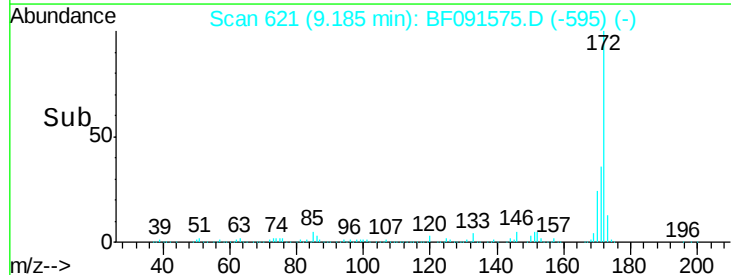
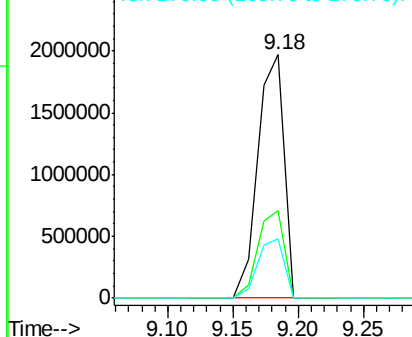


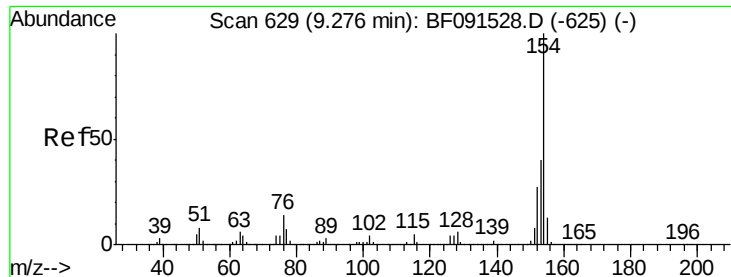
#44
 2-Fluorobiphenyl
 Concen: 82.49 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.00 min
 Lab File: BF091575.D
 Acq: 14 Dec 2016 2:53

Tgt Ion:172 Resp: 2754217
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.4 44.0
 170 24.4 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

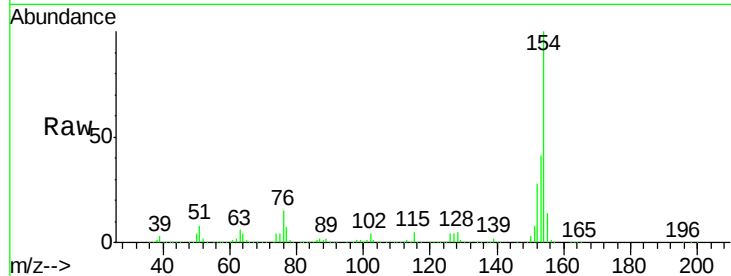




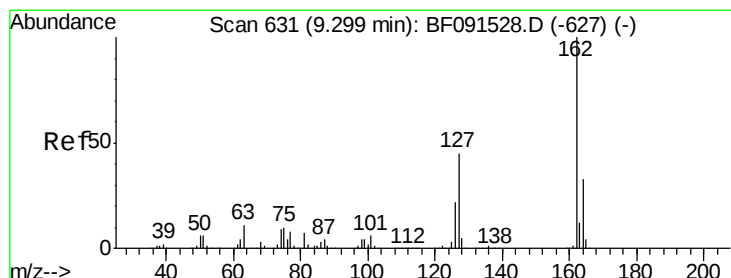
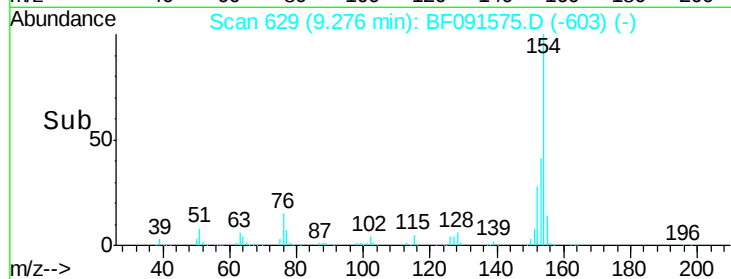
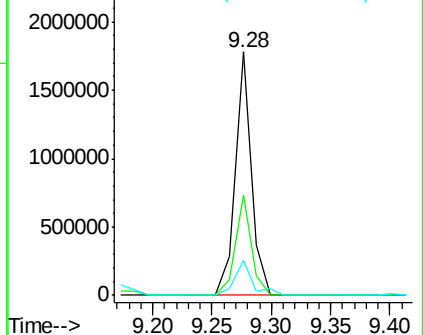
#45
 1,1'-Biphenyl
 Concen: 40.05 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.00 min
 Lab File: BF091575.D
 Acq: 14 Dec 2016 2:53

Instrument :
 BNA_F
 ClientSampleId :
 WC120716MSD

Tgt Ion:154 Resp: 1673398
 Ion Ratio Lower Upper
 154 100
 153 40.9 20.6 60.6
 76 14.6 0.0 36.6

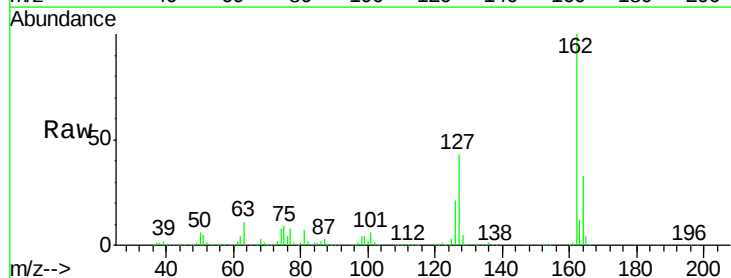


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

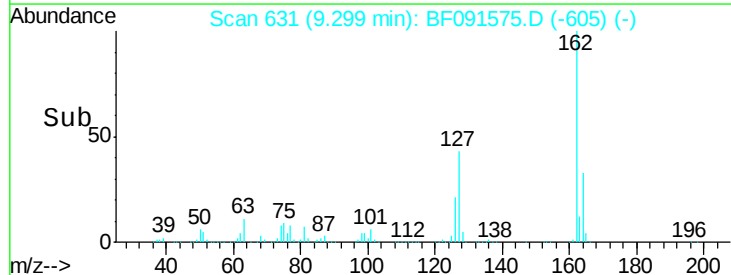
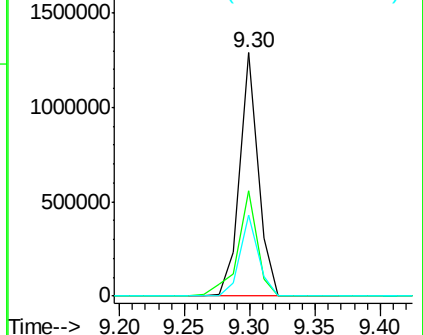


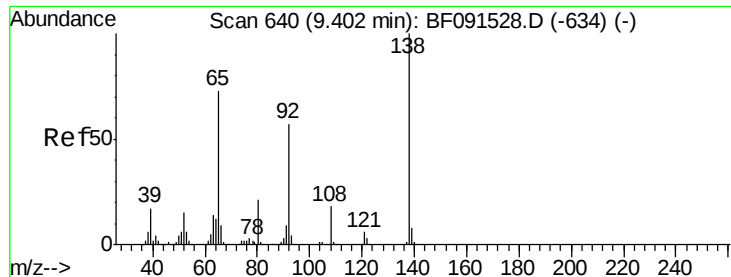
#46
 2-Chloronaphthalene
 Concen: 38.94 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.00 min
 Lab File: BF091575.D
 Acq: 14 Dec 2016 2:53

Tgt Ion:162 Resp: 1259841
 Ion Ratio Lower Upper
 162 100
 127 43.5 34.3 51.5
 164 33.4 26.6 40.0



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

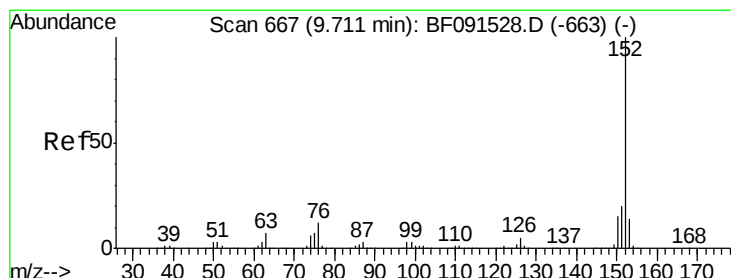
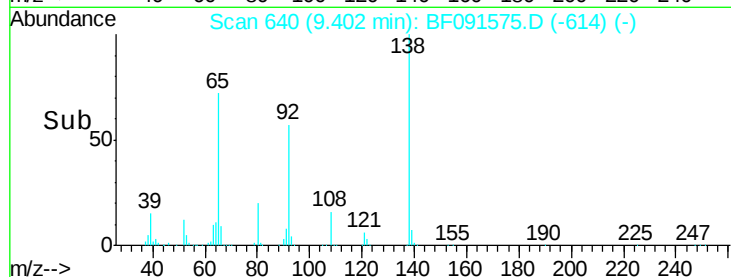
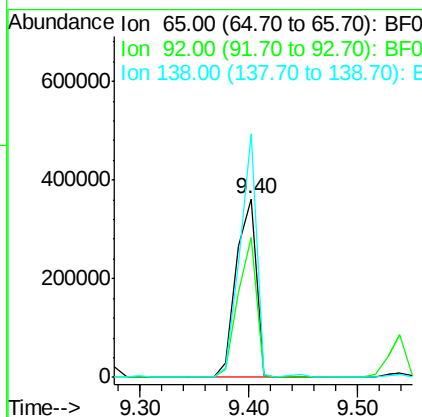
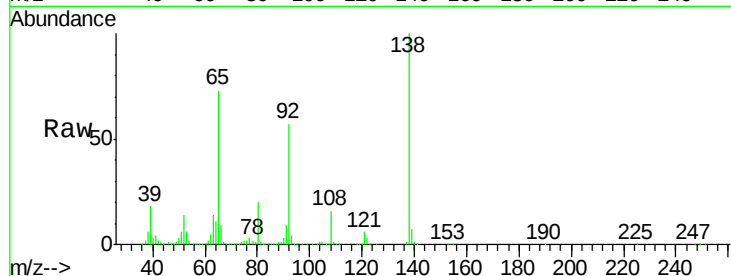




#47
2-Nitroaniline
Concen: 41.99 ng
RT: 9.40 min Scan# 640
Delta R.T. -0.00 min
Lab File: BF091575.D
Acq: 14 Dec 2016 2:53

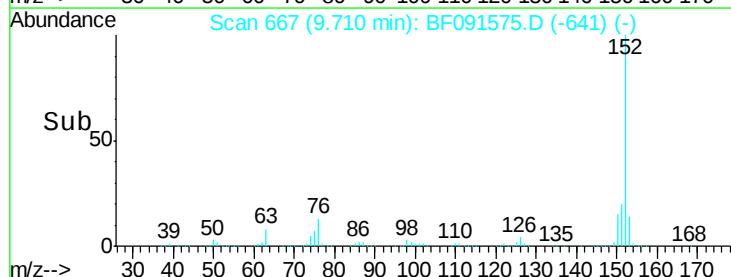
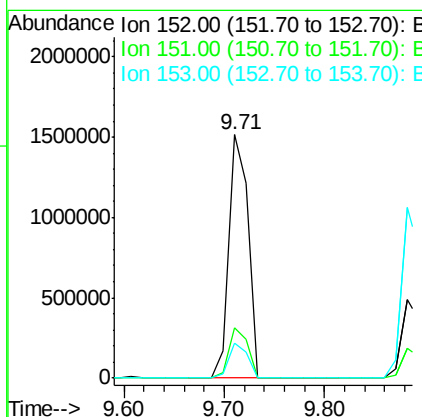
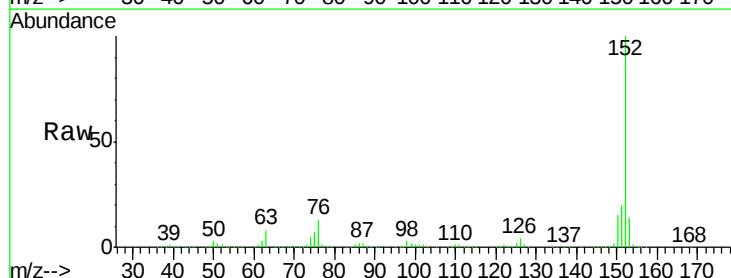
Instrument :
BNA_F
ClientSampleId :
WC120716MSD

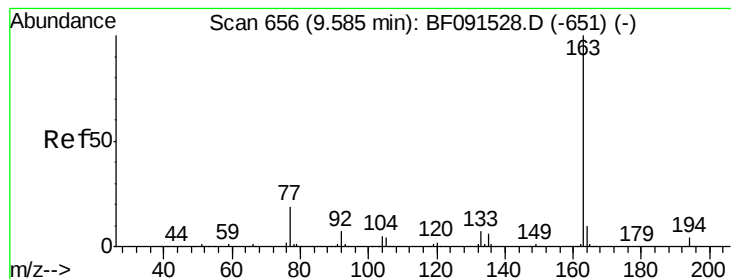
Tgt Ion: 65 Resp: 456884
Ion Ratio Lower Upper
65 100
92 78.1 53.6 80.4
138 136.2 91.0 136.6



#48
Acenaphthylene
Concen: 40.53 ng
RT: 9.71 min Scan# 667
Delta R.T. -0.00 min
Lab File: BF091575.D
Acq: 14 Dec 2016 2:53

Tgt Ion: 152 Resp: 1999002
Ion Ratio Lower Upper
152 100
151 20.5 16.6 24.8
153 14.4 10.7 16.1





#49

Dimethylphthalate

Concen: 46.12 ng

RT: 9.58 min Scan# 656

Delta R.T. -0.00 min

Lab File: BF091575.D

Acq: 14 Dec 2016 2:53

Instrument :

BNA_F

ClientSampleId :

WC120716MSD

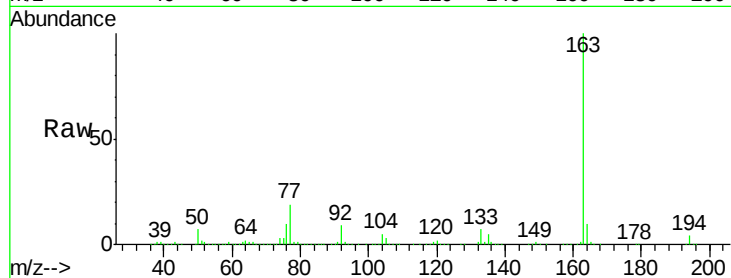
Tgt Ion:163 Resp: 1684563

Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.4

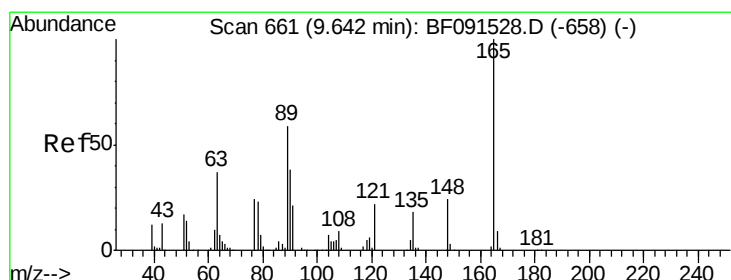
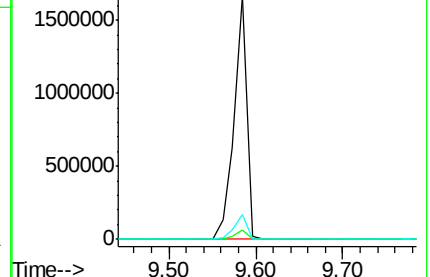
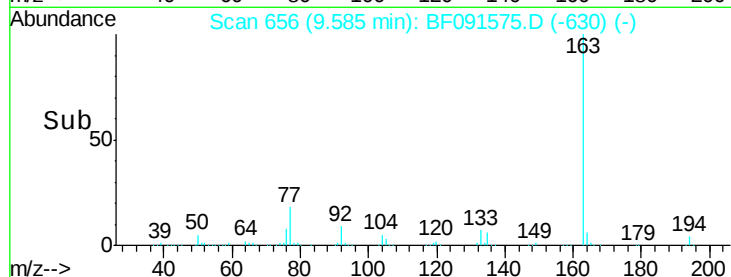
164 10.2 7.8 11.8



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: 46.35 ng

RT: 9.64 min Scan# 661

Delta R.T. -0.00 min

Lab File: BF091575.D

Acq: 14 Dec 2016 2:53

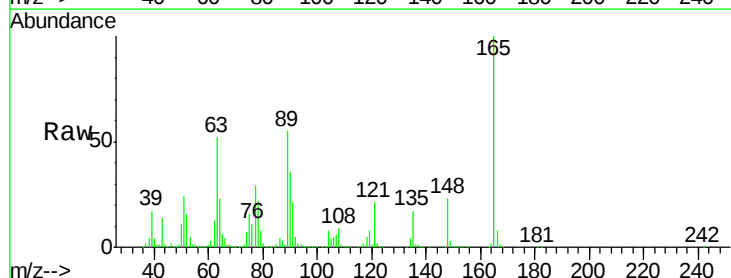
Tgt Ion:165 Resp: 371585

Ion Ratio Lower Upper

165 100

63 52.0 59.4 89.0#

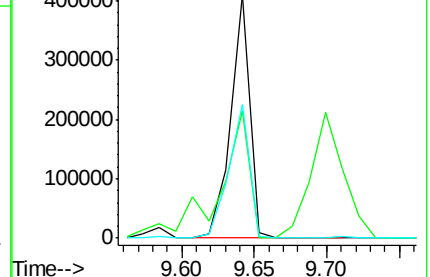
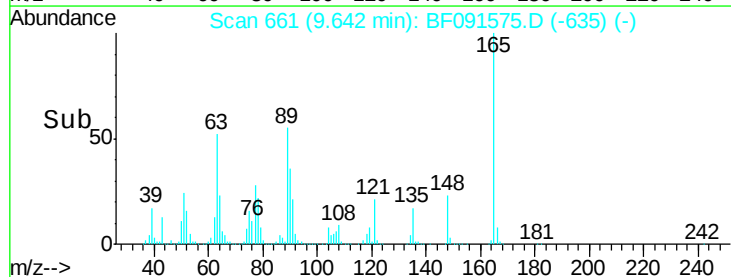
89 54.6 50.8 76.2

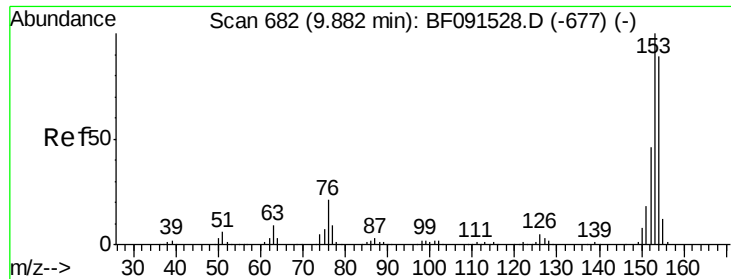


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.22 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.00 min

Lab File: BF091575.D

Acq: 14 Dec 2016 2:53

Instrument :

BNA_F

ClientSampleId :

WC120716MSD

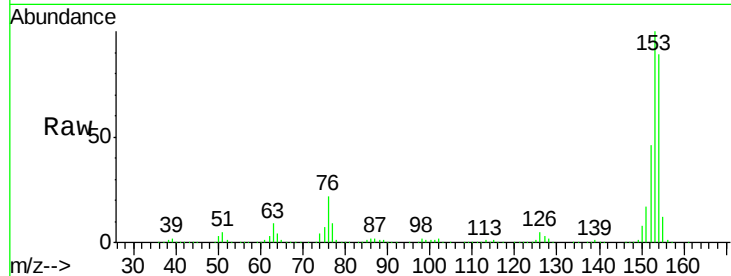
Tgt Ion:154 Resp: 1377734

Ion Ratio Lower Upper

154 100

153 112.7 91.0 136.6

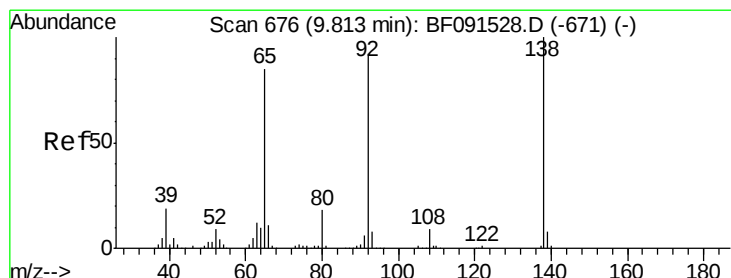
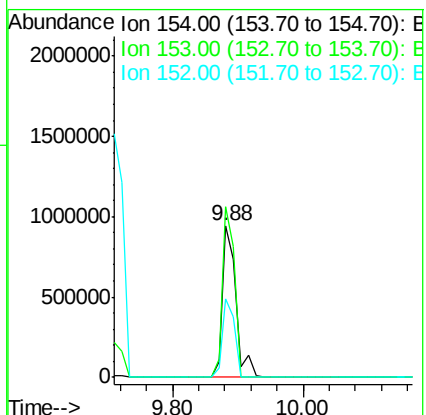
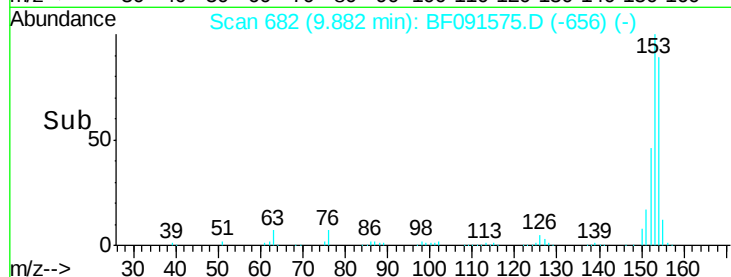
152 51.8 44.2 66.2



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: 18.94 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF091575.D

Acq: 14 Dec 2016 2:53

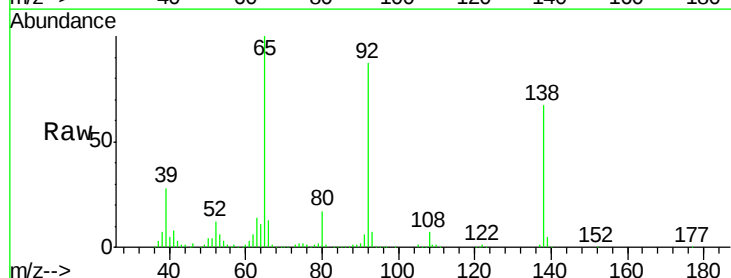
Tgt Ion:138 Resp: 178351

Ion Ratio Lower Upper

138 100

108 10.7 8.1 12.1

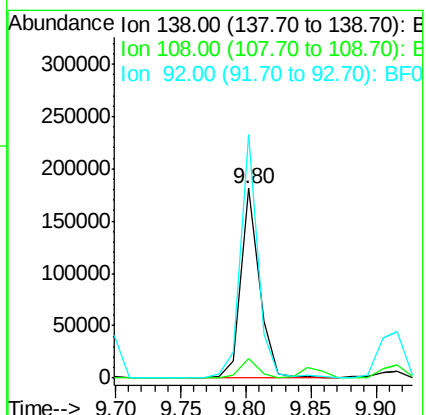
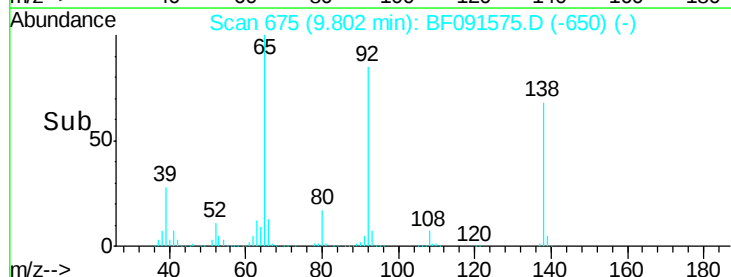
92 128.5 92.5 138.7

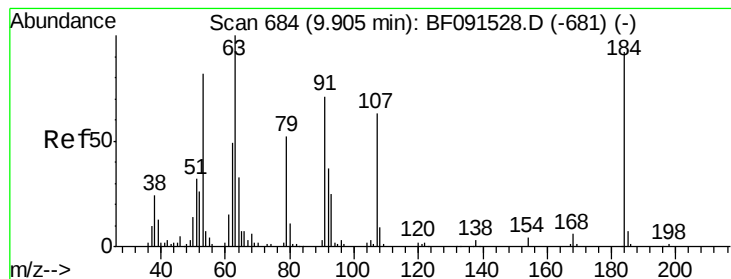


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 59.25 ng

RT: 9.92 min Scan# 685

Delta R.T. 0.01 min

Lab File: BF091575.D

Acq: 14 Dec 2016 2:53

Instrument :

BNA_F

ClientSampleId :

WC120716MSD

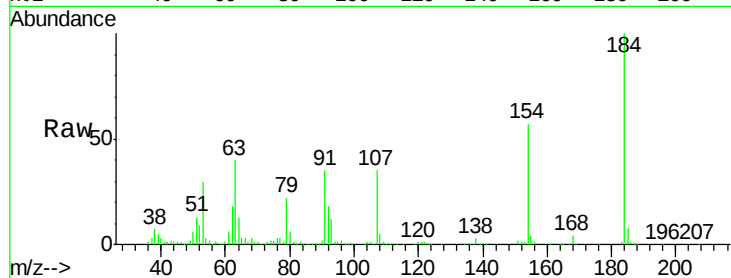
Tgt Ion:184 Resp: 246362

Ion Ratio Lower Upper

184 100

63 40.3 58.3 87.5#

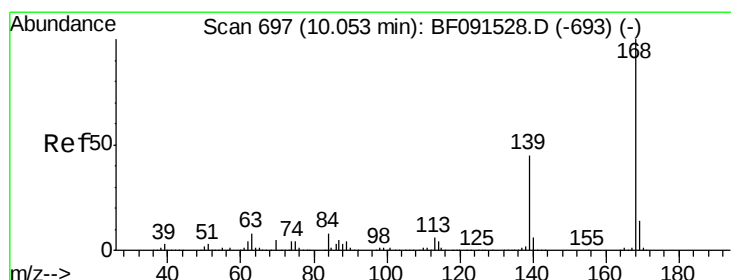
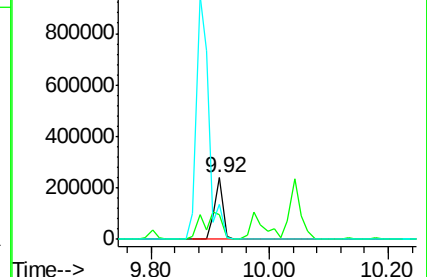
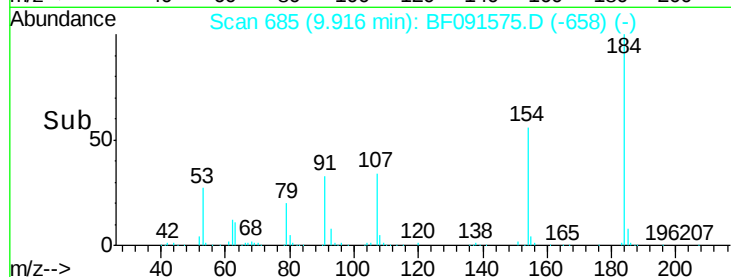
154 56.7 48.6 73.0



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: 43.04 ng

RT: 10.05 min Scan# 697

Delta R.T. -0.00 min

Lab File: BF091575.D

Acq: 14 Dec 2016 2:53

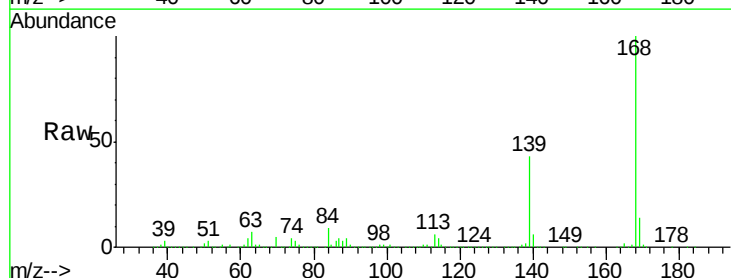
Tgt Ion:168 Resp: 1824226

Ion Ratio Lower Upper

168 100

139 42.5 33.4 50.2

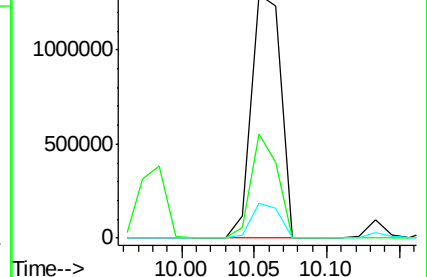
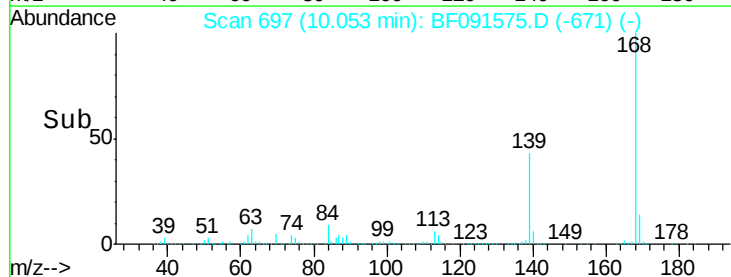
169 14.3 11.1 16.7

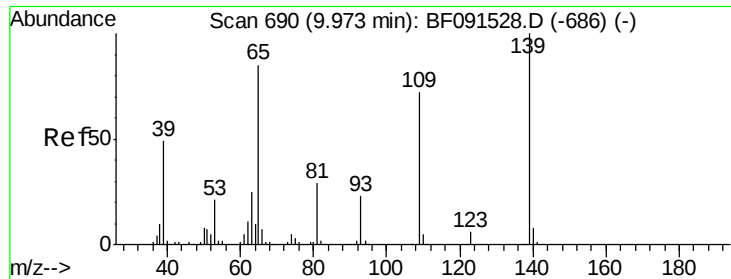


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

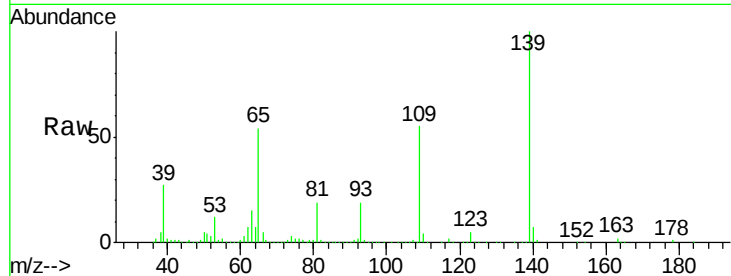




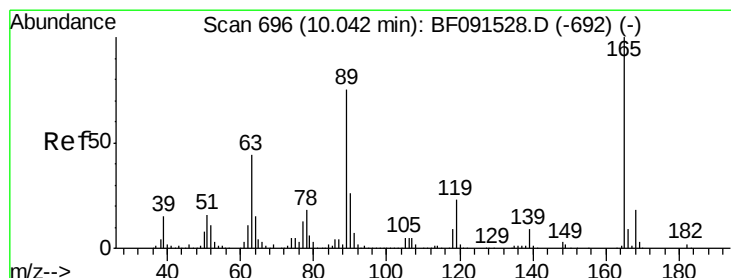
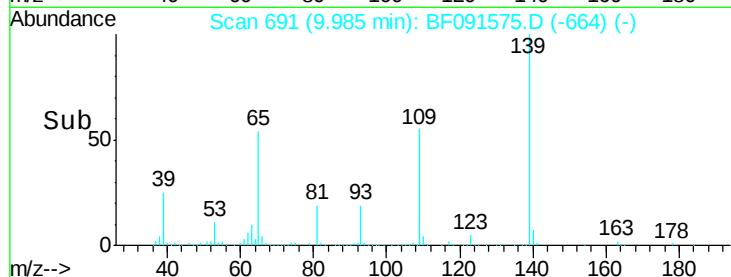
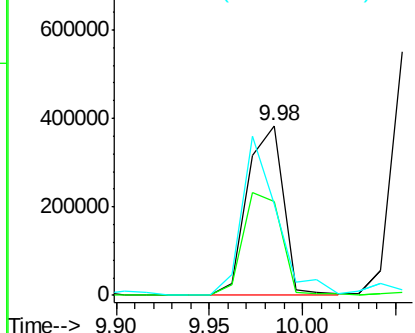
#55
4-Nitrophenol
Concen: 73.13 ng
RT: 9.98 min Scan# 691
Delta R.T. 0.01 min
Lab File: BF091575.D
Acq: 14 Dec 2016 2:53

Instrument :
BNA_F
ClientSampleId :
WC120716MSD

Tgt Ion:139 Resp: 512437
Ion Ratio Lower Upper
139 100
109 55.4 54.9 94.9
65 54.0 102.2 142.2#



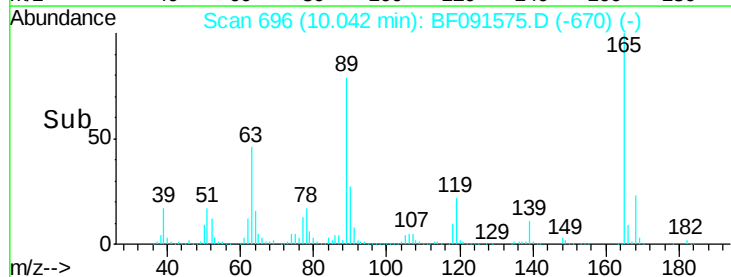
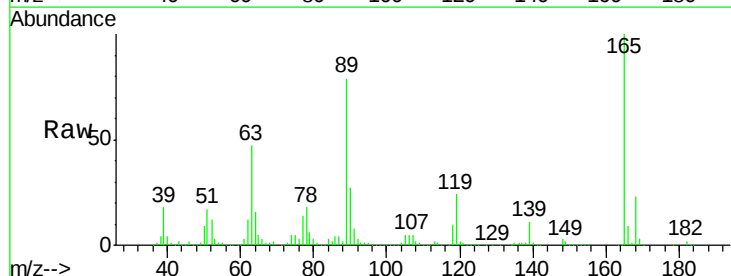
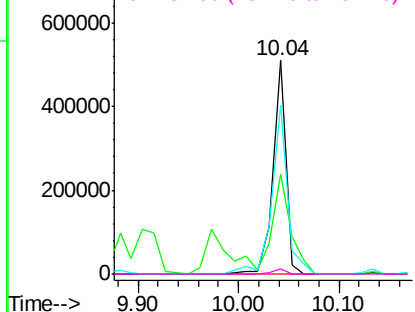
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

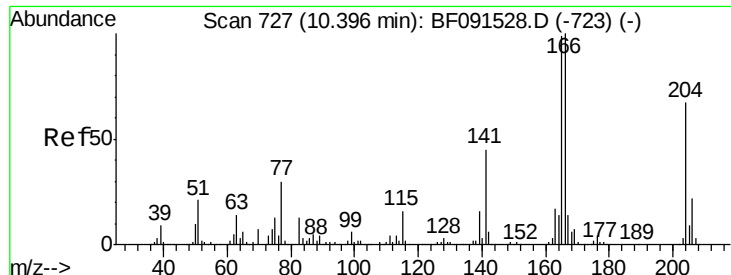


#56
2,4-Dinitrotoluene
Concen: 45.02 ng
RT: 10.04 min Scan# 696
Delta R.T. -0.00 min
Lab File: BF091575.D
Acq: 14 Dec 2016 2:53

Tgt Ion:165 Resp: 452384
Ion Ratio Lower Upper
165 100
63 46.6 29.0 43.4#
89 79.0 43.1 64.7#
182 2.4 1.9 2.9

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

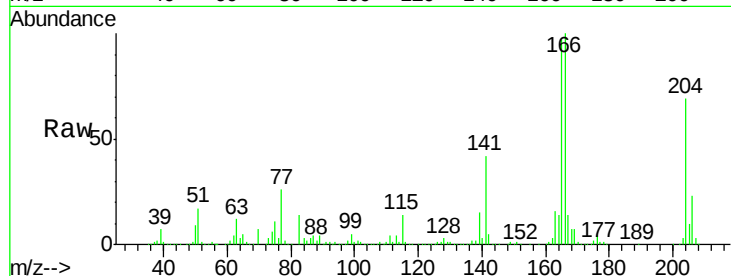




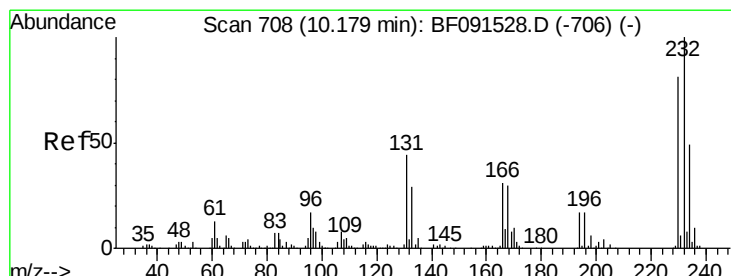
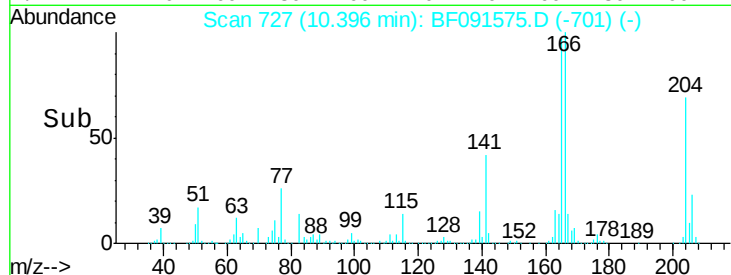
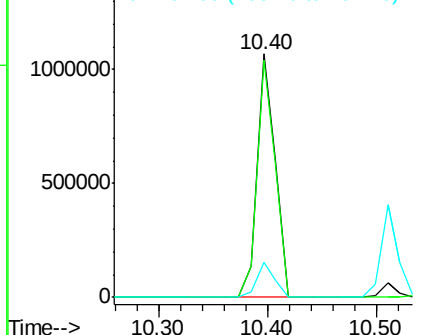
#57
Fluorene
 Concen: 40.58 ng
 RT: 10.40 min Scan# 727
 Delta R.T. 0.00 min
 Lab File: BF091575.D
 Acq: 14 Dec 2016 2:53

Instrument :
 BNA_F
 ClientSampleId :
 WC120716MSD

Tgt Ion:166 Resp: 1243899
 Ion Ratio Lower Upper
 166 100
 165 97.3 80.0 120.0
 167 14.2 10.8 16.2

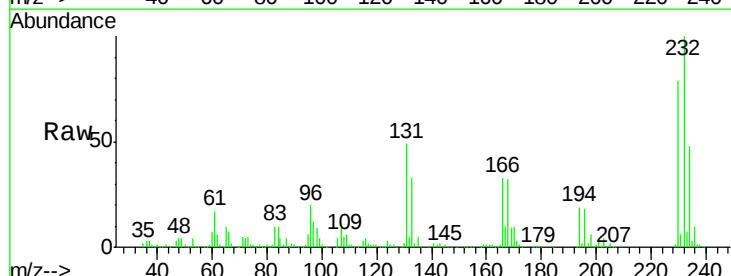


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

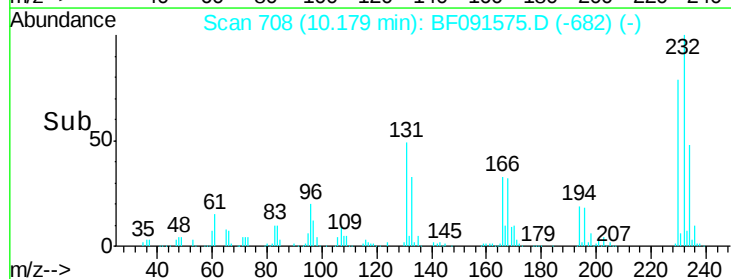
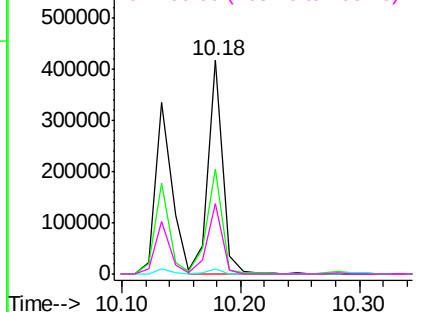


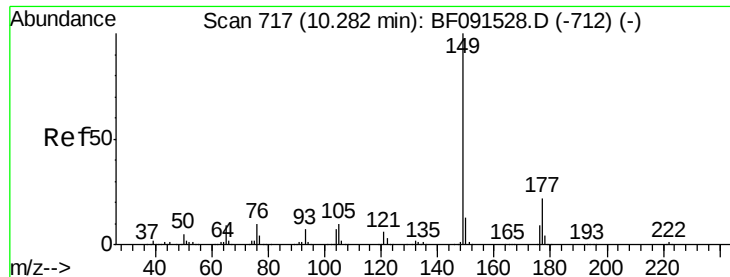
#58
2,3,4,6-Tetrachlorophenol
 Concen: 43.15 ng
 RT: 10.18 min Scan# 708
 Delta R.T. -0.00 min
 Lab File: BF091575.D
 Acq: 14 Dec 2016 2:53

Tgt Ion:232 Resp: 352956
 Ion Ratio Lower Upper
 232 100
 131 52.4 38.4 57.6
 130 2.7 1.8 2.8
 166 33.6 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

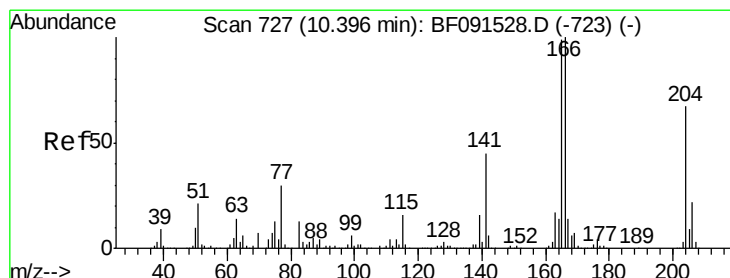
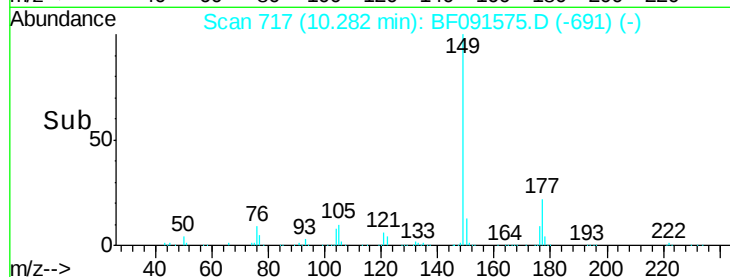
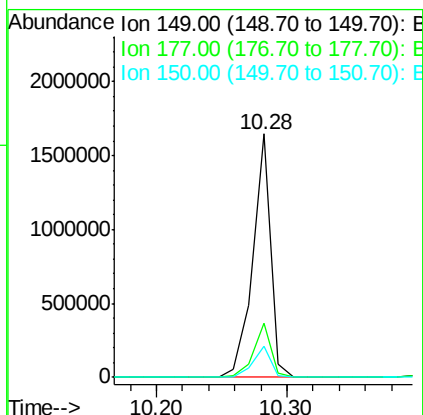
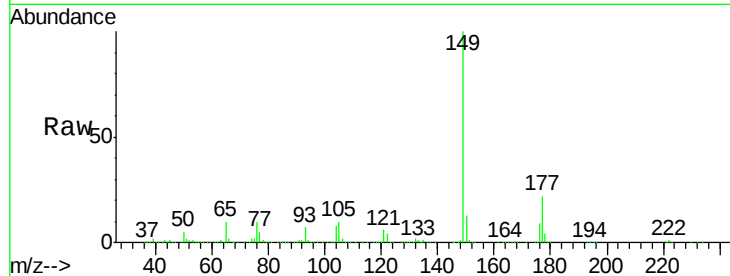




#59
Diethylphthalate
Concen: 44.42 ng
RT: 10.28 min Scan# 717
Delta R.T. -0.00 min
Lab File: BF091575.D
Acq: 14 Dec 2016 2:53

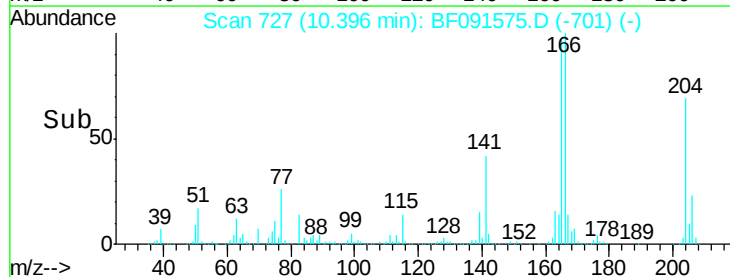
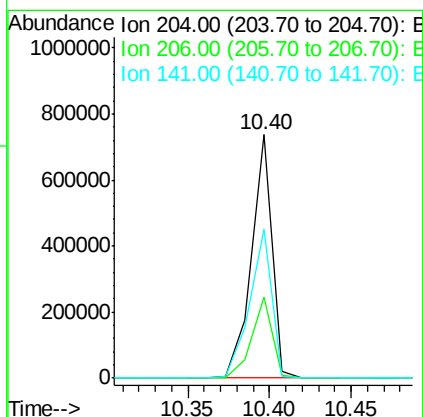
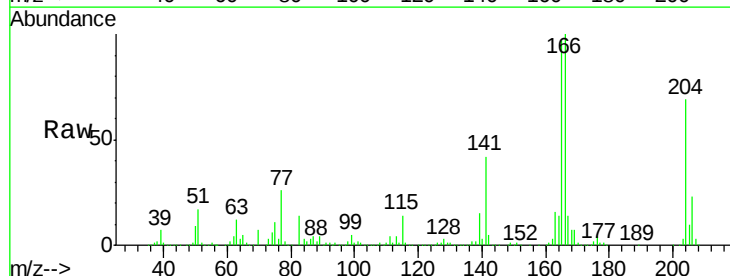
Instrument :
BNA_F
ClientSampleId :
WC120716MSD

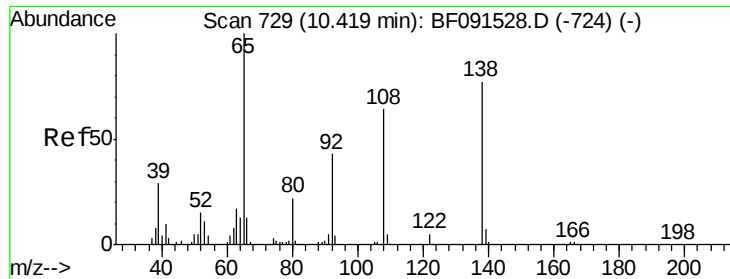
Tgt Ion:149 Resp: 1562572
Ion Ratio Lower Upper
149 100
177 22.2 15.7 23.5
150 12.8 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 42.13 ng
RT: 10.40 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF091575.D
Acq: 14 Dec 2016 2:53

Tgt Ion:204 Resp: 642093
Ion Ratio Lower Upper
204 100
206 33.3 26.1 39.1
141 61.2 40.6 61.0#





#61

4-Nitroaniline

Concen: 33.96 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF091575.D

Acq: 14 Dec 2016 2:53

Instrument :

BNA_F

ClientSampleId :

WC120716MSD

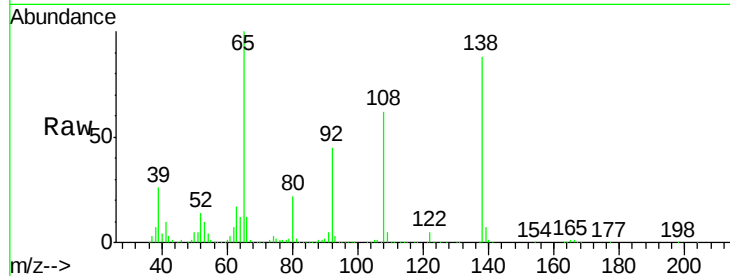
Tgt Ion:138 Resp: 317867

Ion Ratio Lower Upper

138 100

92 50.9 26.9 66.9

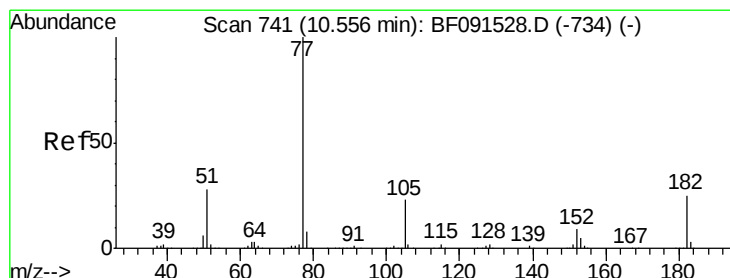
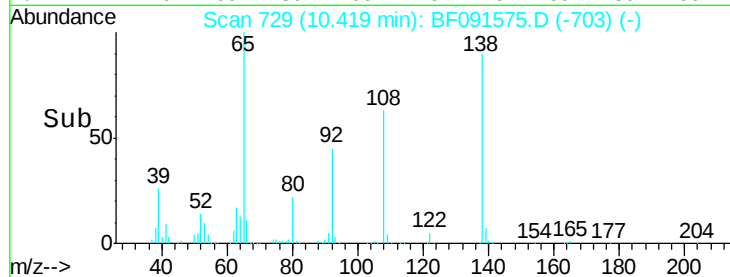
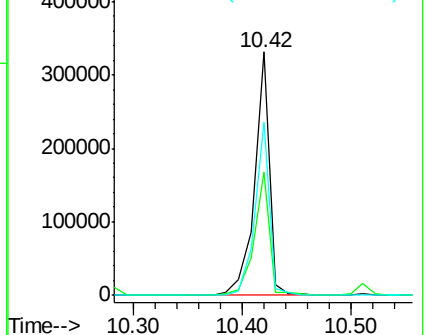
108 71.0 49.1 89.1



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: 44.35 ng

RT: 10.56 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF091575.D

Acq: 14 Dec 2016 2:53

Tgt Ion: 77 Resp: 1767511

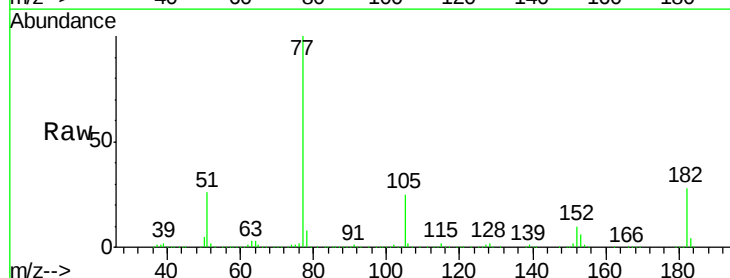
Ion Ratio Lower Upper

77 100

182 27.6 12.5 52.5

105 25.3 3.7 43.7

51 25.8 11.9 51.9

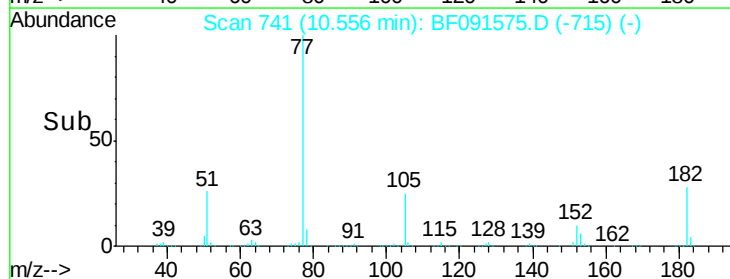
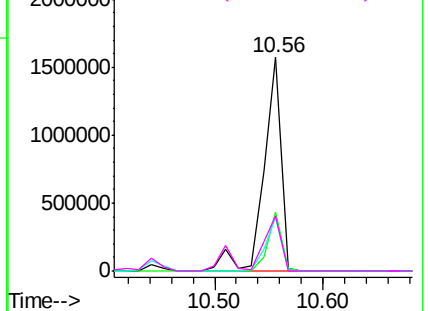


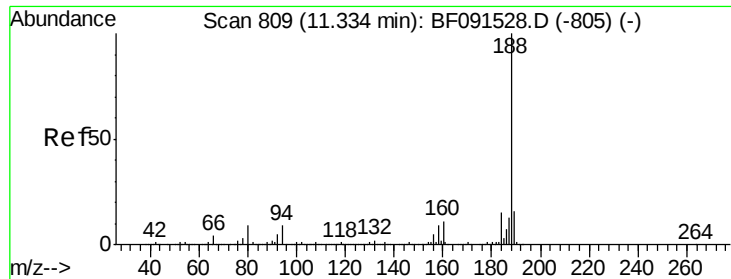
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

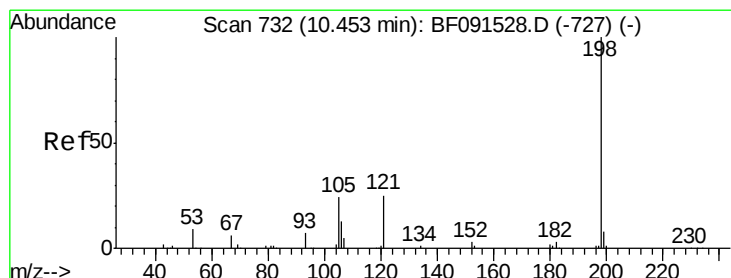
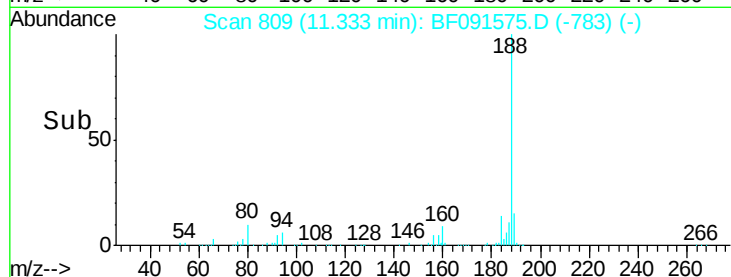
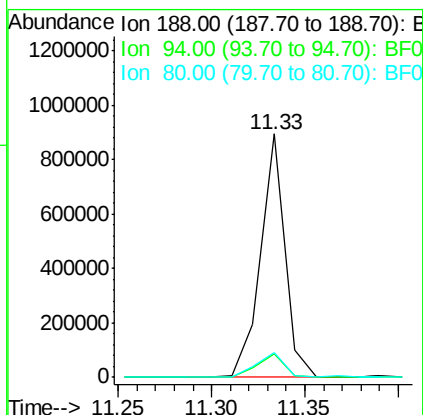
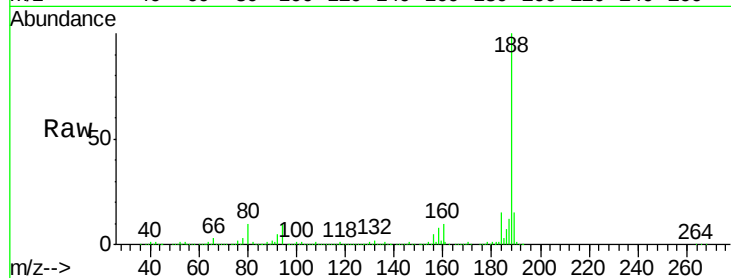




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.00 min
Lab File: BF091575.D
Acq: 14 Dec 2016 2:53

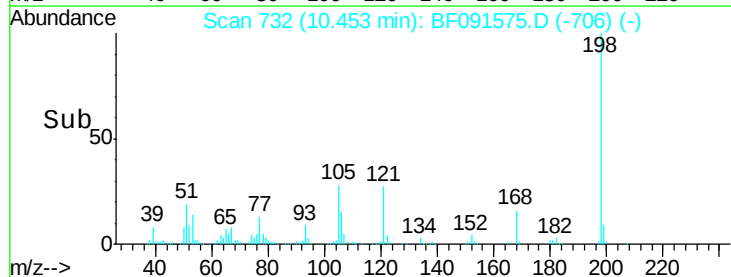
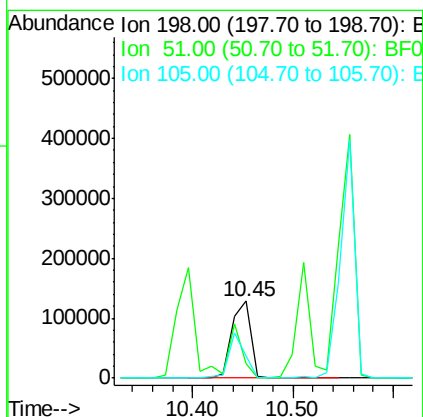
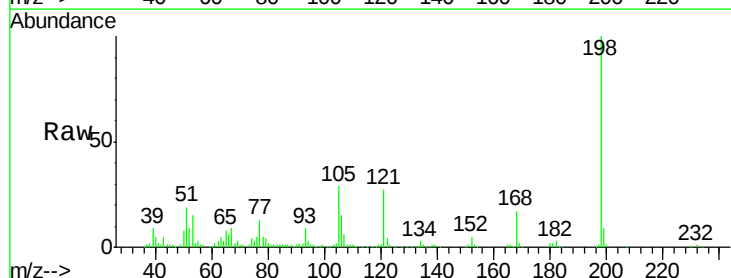
Instrument :
BNA_F
ClientSampleId :
WC120716MSD

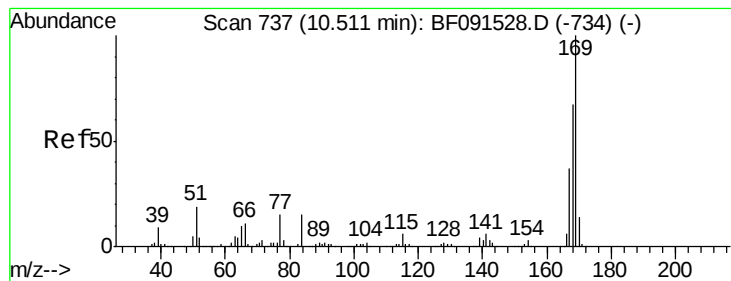
Tgt Ion:188 Resp: 822165
Ion Ratio Lower Upper
188 100
94 9.7 9.2 13.8
80 10.3 10.5 15.7#



#64
4,6-Dinitro-2-methylphenol
Concen: 34.63 ng
RT: 10.45 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF091575.D
Acq: 14 Dec 2016 2:53

Tgt Ion:198 Resp: 168575
Ion Ratio Lower Upper
198 100
51 19.1 77.1 117.1#
105 28.6 44.8 84.8#

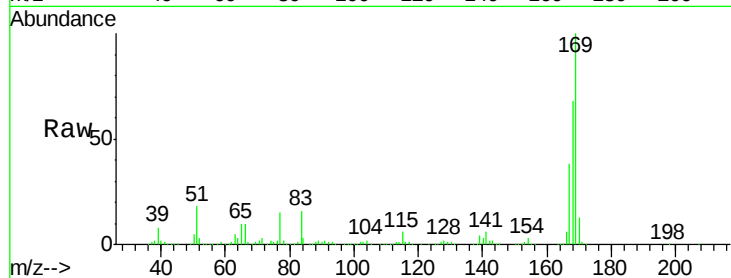




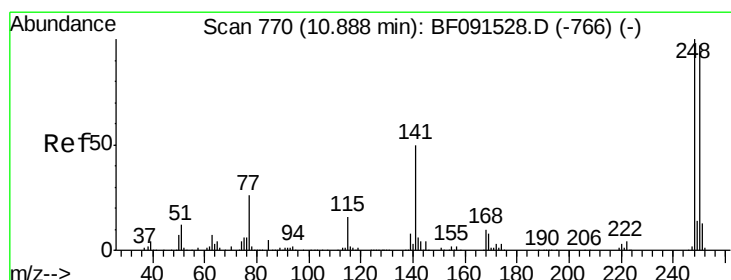
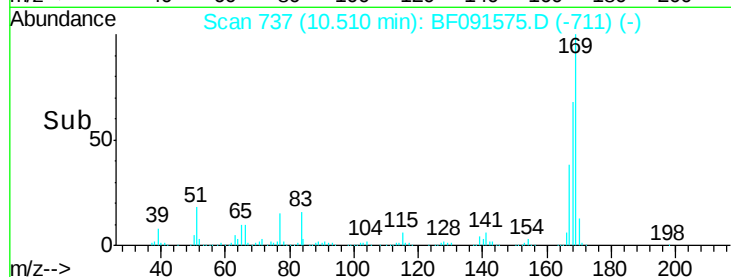
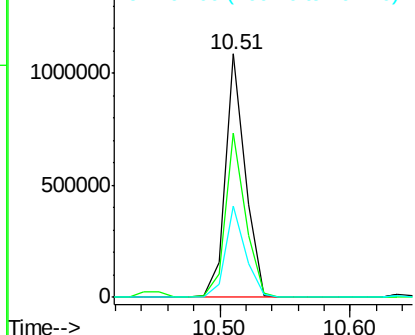
#65
 n-Nitrosodiphenylamine
 Concen: 46.81 ng
 RT: 10.51 min Scan# 737
 Delta R.T. -0.00 min
 Lab File: BF091575.D
 Acq: 14 Dec 2016 2:53

Instrument :
 BNA_F
 ClientSampleId :
 WC120716MSD

Tgt Ion:169 Resp: 1147331
 Ion Ratio Lower Upper
 169 100
 168 67.6 53.8 80.8
 167 37.7 29.8 44.8

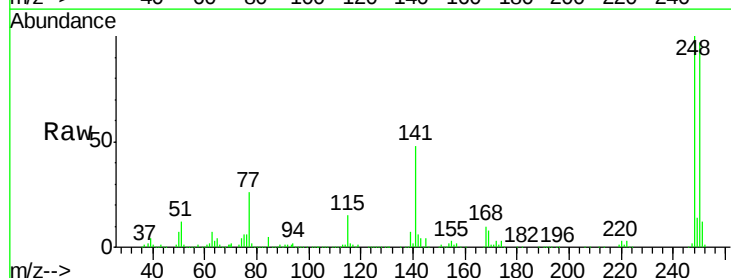


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

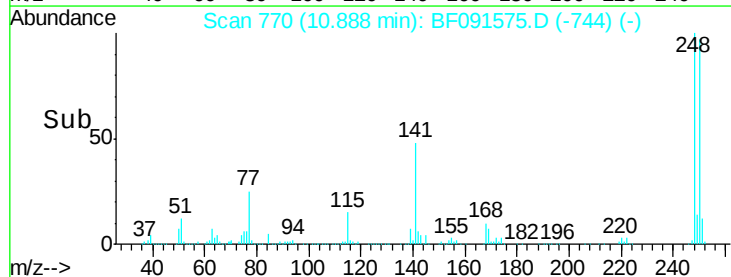
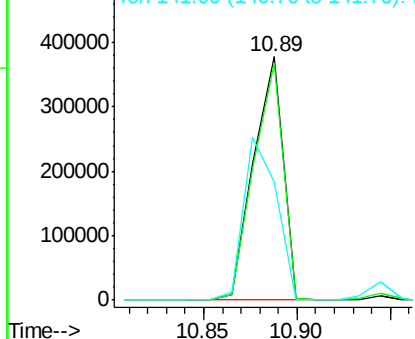


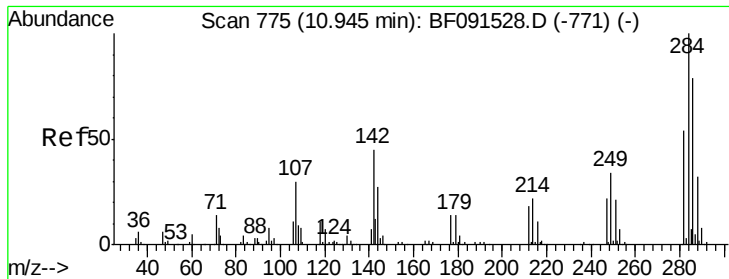
#66
 4-Bromophenyl-phenylether
 Concen: 48.91 ng
 RT: 10.89 min Scan# 770
 Delta R.T. -0.00 min
 Lab File: BF091575.D
 Acq: 14 Dec 2016 2:53

Tgt Ion:248 Resp: 412256
 Ion Ratio Lower Upper
 248 100
 250 97.3 78.2 117.4
 141 48.3 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: 43.45 ng

RT: 10.94 min Scan# 775

Delta R.T. -0.00 min

Lab File: BF091575.D

Acq: 14 Dec 2016 2:53

Instrument :

BNA_F

ClientSampleId :

WC120716MSD

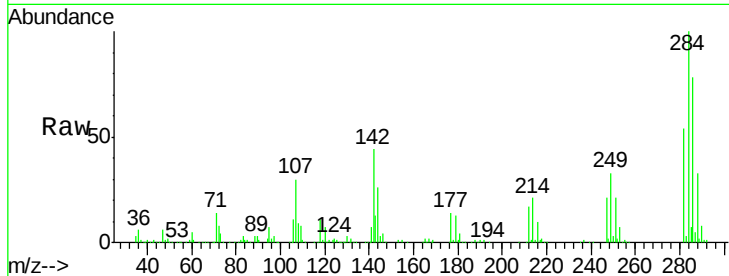
Tgt Ion:284 Resp: 380859

Ion Ratio Lower Upper

284 100

142 44.5 17.9 26.9#

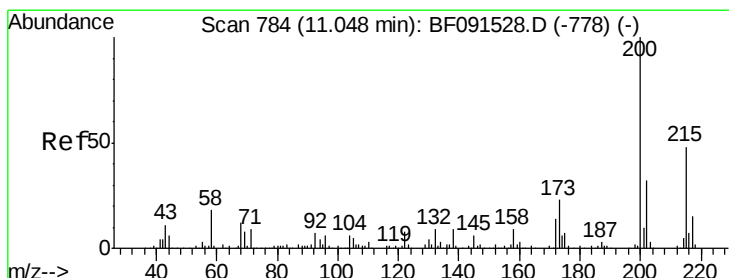
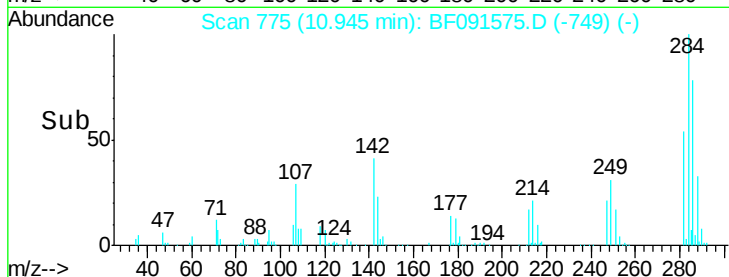
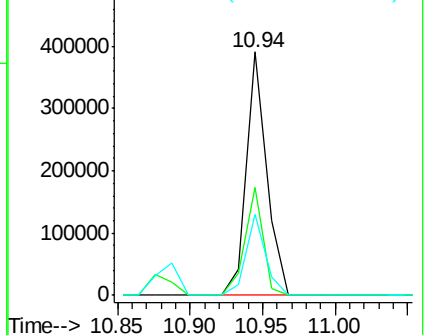
249 33.4 23.6 35.4



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



#68

Atrazine

Concen: 50.22 ng

RT: 11.05 min Scan# 784

Delta R.T. -0.00 min

Lab File: BF091575.D

Acq: 14 Dec 2016 2:53

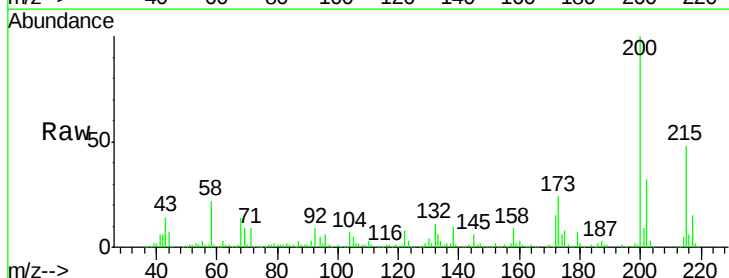
Tgt Ion:200 Resp: 395811

Ion Ratio Lower Upper

200 100

173 24.3 7.8 47.8

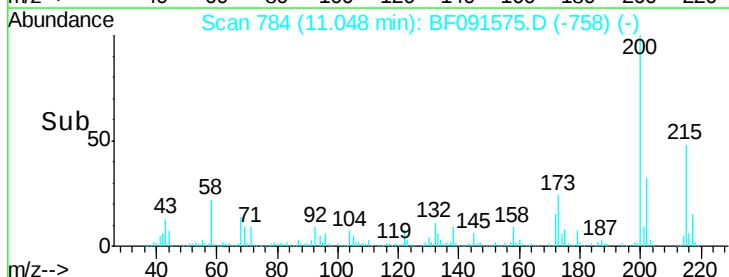
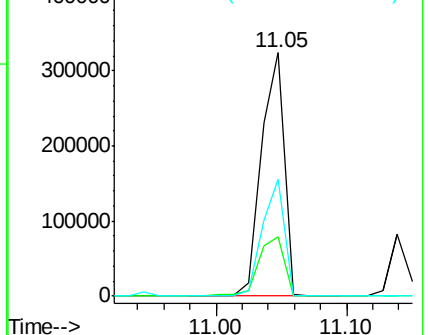
215 48.1 24.3 64.3

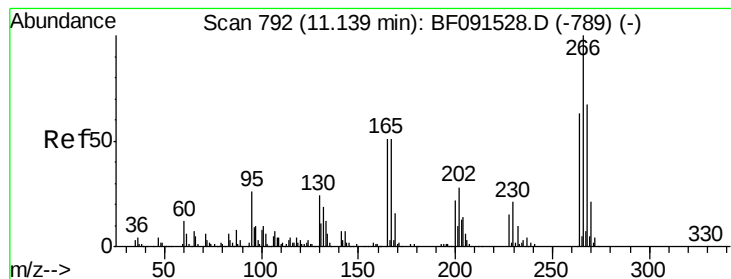


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 80.72 ng

RT: 11.14 min Scan# 792

Delta R.T. -0.00 min

Lab File: BF091575.D

Acq: 14 Dec 2016 2:53

Instrument :

BNA_F

ClientSampleId :

WC120716MSD

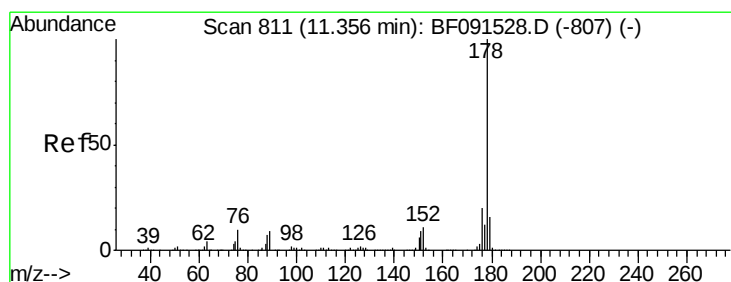
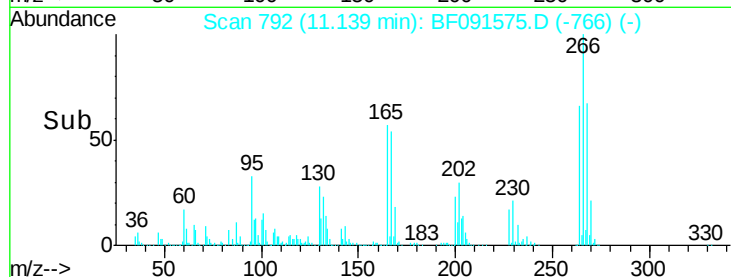
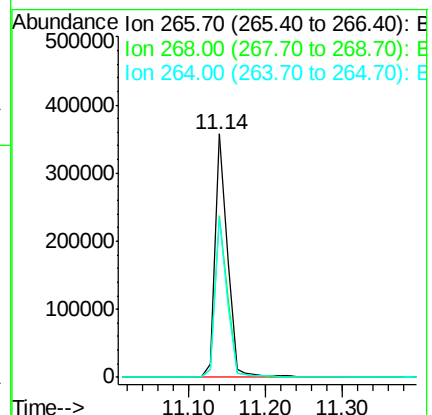
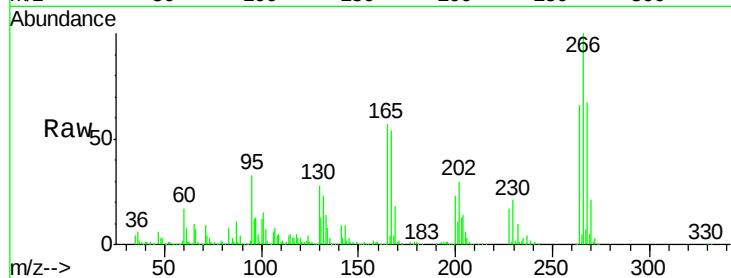
Tgt Ion:266 Resp: 398166

Ion Ratio Lower Upper

266 100

268 66.5 50.3 75.5

264 65.8 48.2 72.2



#70

Phenanthrene

Concen: 43.10 ng

RT: 11.36 min Scan# 811

Delta R.T. -0.00 min

Lab File: BF091575.D

Acq: 14 Dec 2016 2:53

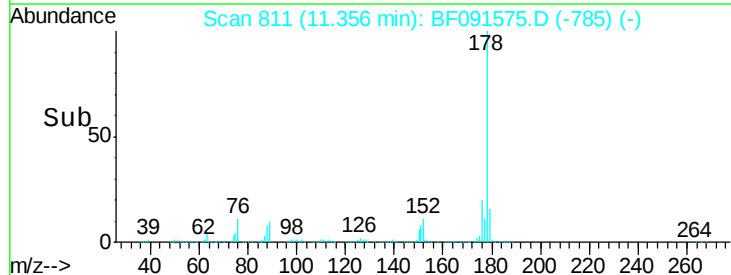
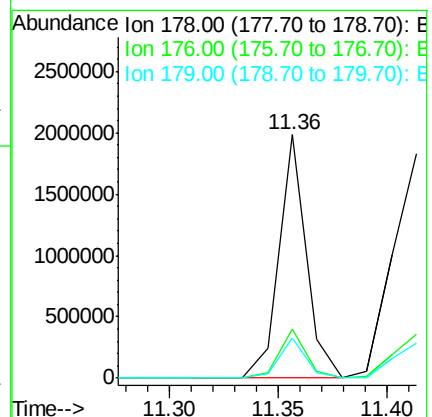
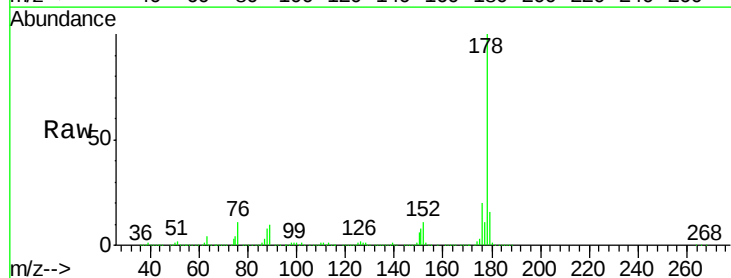
Tgt Ion:178 Resp: 1754980

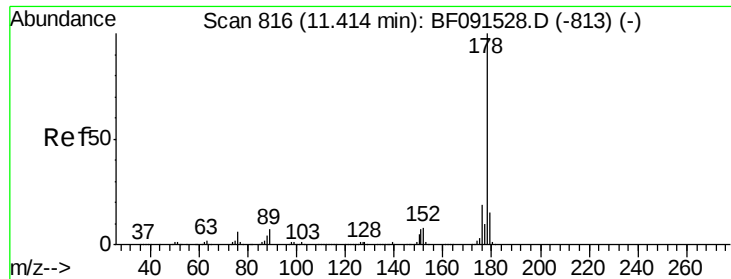
Ion Ratio Lower Upper

178 100

176 20.1 15.9 23.9

179 16.3 12.6 18.8

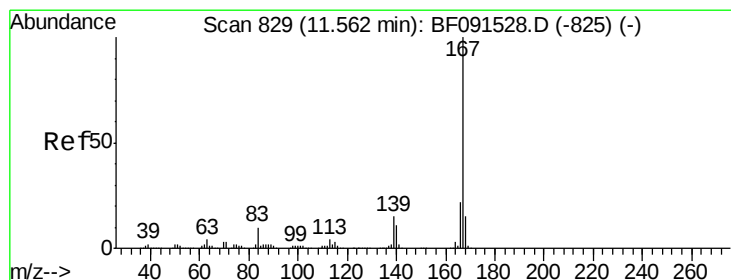
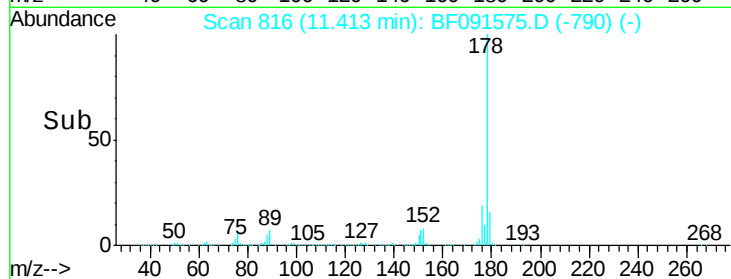
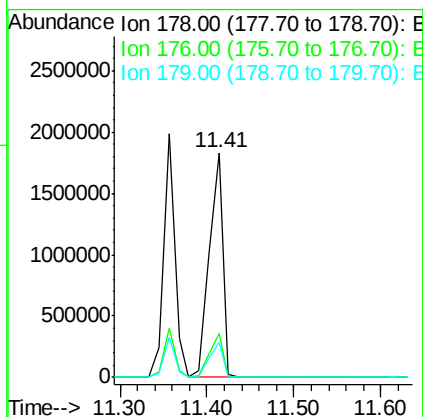
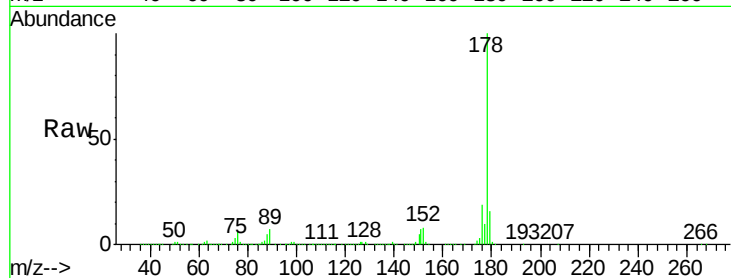




#71
 Anthracene
 Concen: 45.60 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF091575.D
 Acq: 14 Dec 2016 2:53

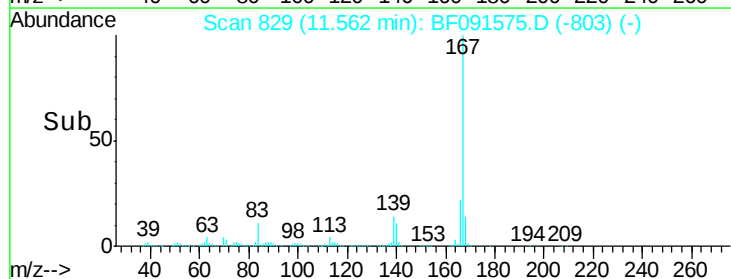
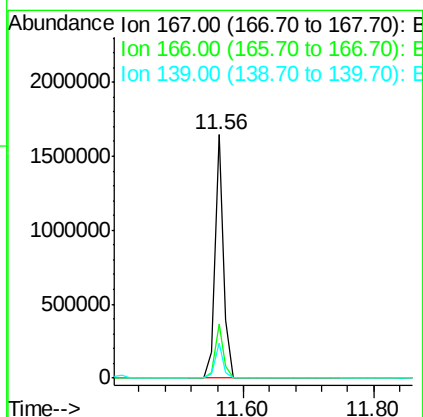
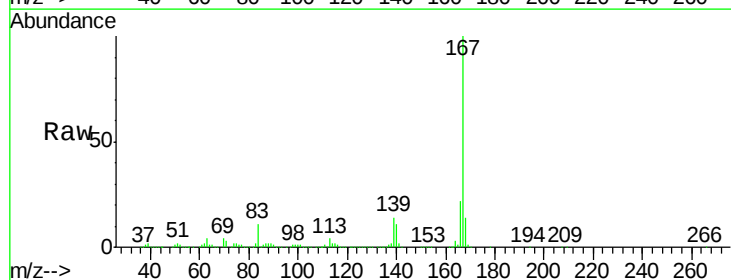
Instrument :
 BNA_F
 ClientSampleId :
 WC120716MSD

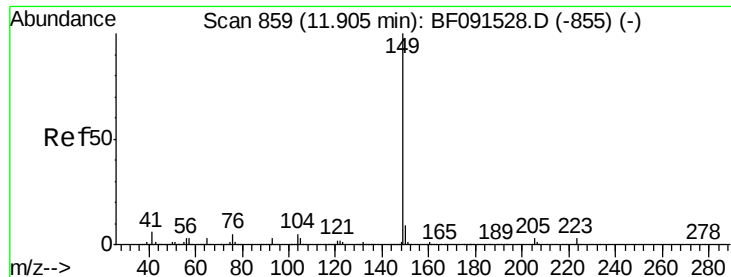
Tgt Ion:178 Resp: 2002561
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.8 23.6
 179 15.8 12.7 19.1



#72
 Carbazole
 Concen: 39.98 ng
 RT: 11.56 min Scan# 829
 Delta R.T. -0.00 min
 Lab File: BF091575.D
 Acq: 14 Dec 2016 2:53

Tgt Ion:167 Resp: 1539084
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.1 27.1
 139 14.4 11.5 17.3





#73

Di-n-butylphthalate

Concen: 48.66 ng

RT: 11.90 min Scan# 859

Delta R.T. -0.00 min

Lab File: BF091575.D

Acq: 14 Dec 2016 2:53

Instrument :

BNA_F

ClientSampleId :

WC120716MSD

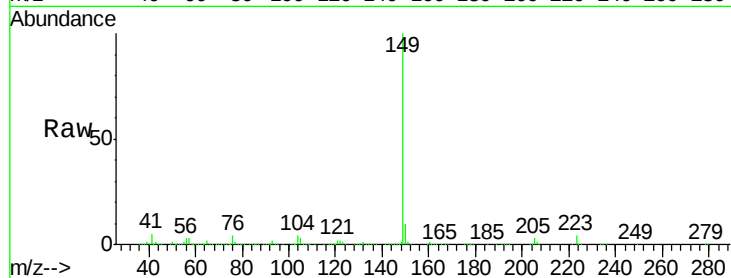
Tgt Ion:149 Resp: 2182090

Ion Ratio Lower Upper

149 100

150 9.6 7.5 11.3

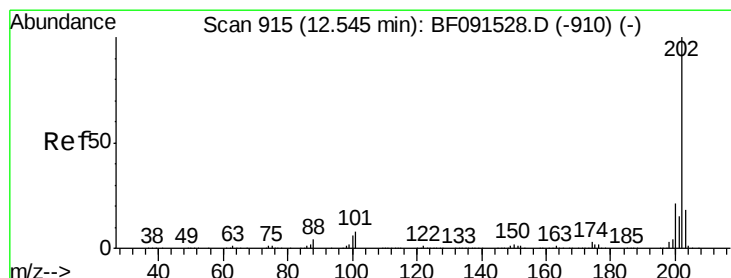
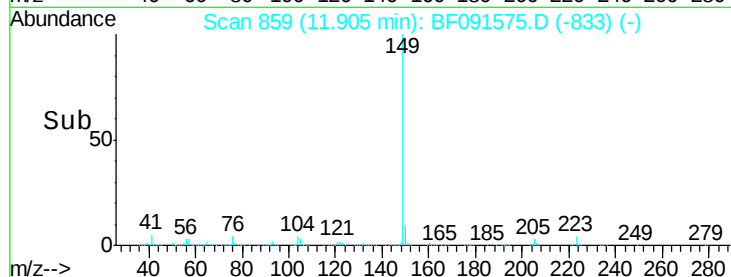
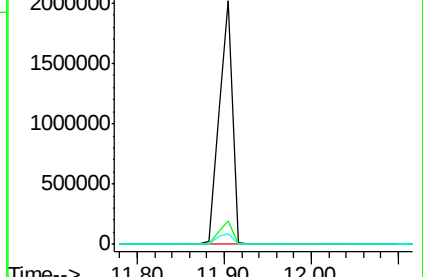
104 4.4 4.0 6.0



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: 41.72 ng

RT: 12.54 min Scan# 915

Delta R.T. -0.00 min

Lab File: BF091575.D

Acq: 14 Dec 2016 2:53

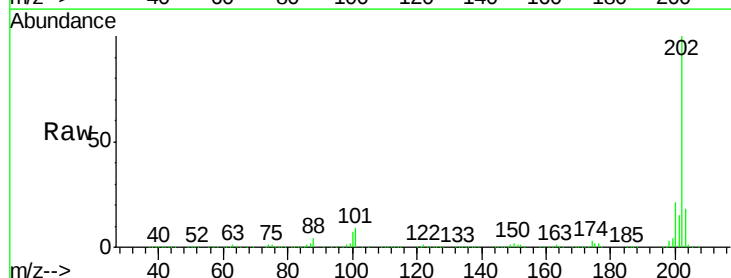
Tgt Ion:202 Resp: 1778427

Ion Ratio Lower Upper

202 100

101 8.8 0.0 29.5

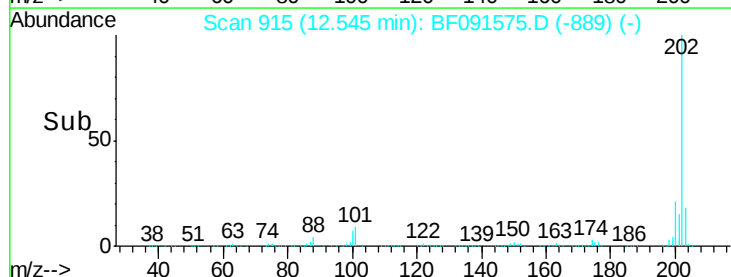
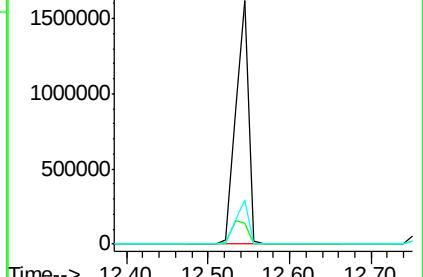
203 17.8 0.0 37.8

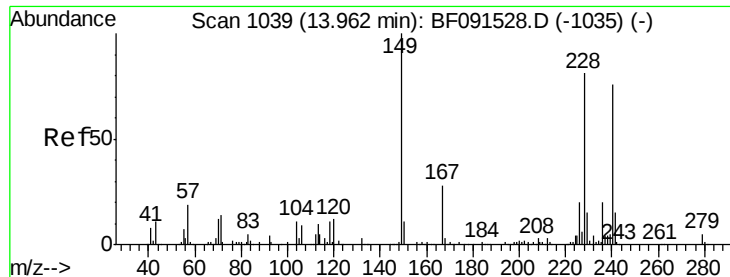


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF091575.D

Acq: 14 Dec 2016 2:53

Instrument :

BNA_F

ClientSampleId :

WC120716MSD

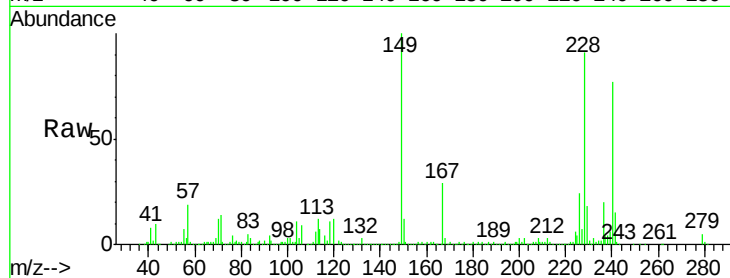
Tgt Ion:240 Resp: 514919

Ion Ratio Lower Upper

240 100

120 16.2 12.1 18.1

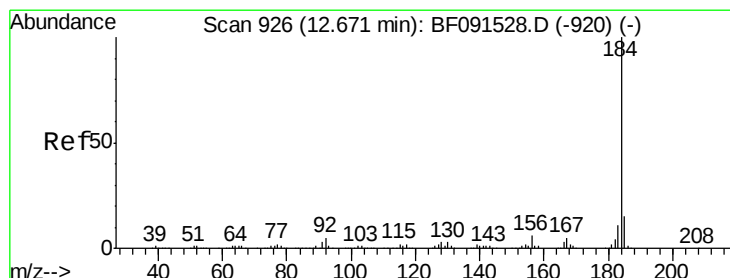
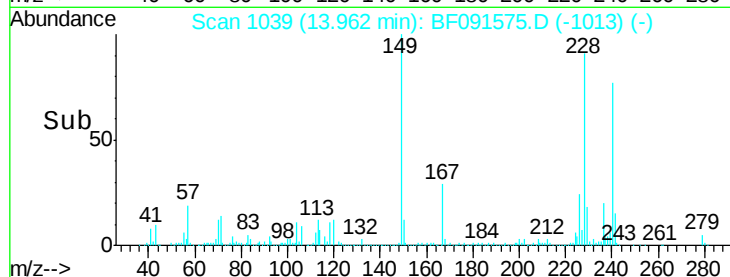
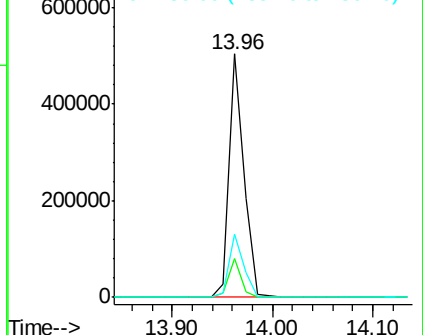
236 25.8 21.0 31.6



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: 26.84 ng

RT: 12.66 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF091575.D

Acq: 14 Dec 2016 2:53

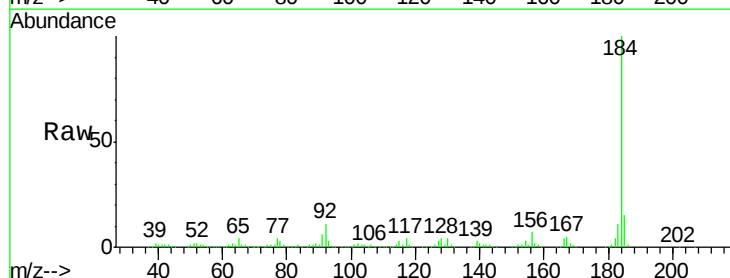
Tgt Ion:184 Resp: 427342

Ion Ratio Lower Upper

184 100

185 14.7 13.1 19.7

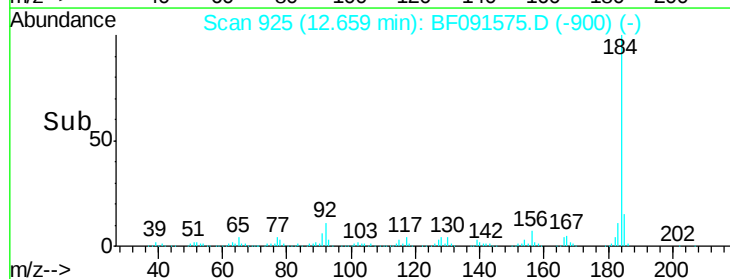
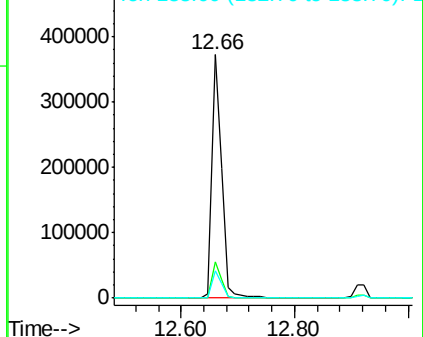
183 11.4 8.9 13.3

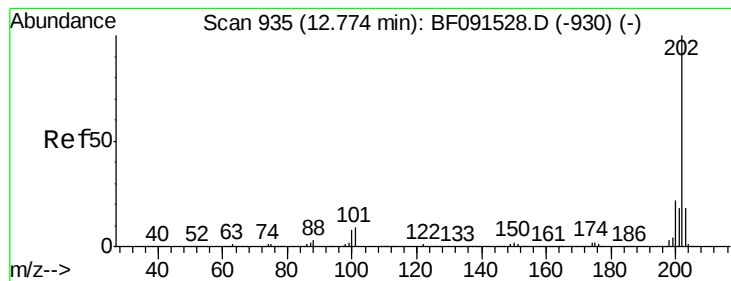


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 42.63 ng

RT: 12.77 min Scan# 935

Delta R.T. -0.00 min

Lab File: BF091575.D

Acq: 14 Dec 2016 2:53

Instrument :

BNA_F

ClientSampleId :

WC120716MSD

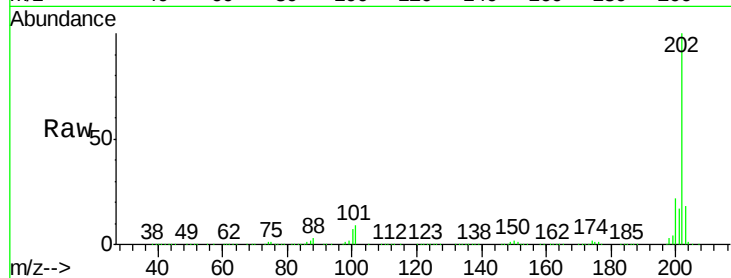
Tgt Ion:202 Resp: 1741546

Ion Ratio Lower Upper

202 100

200 21.5 17.6 26.4

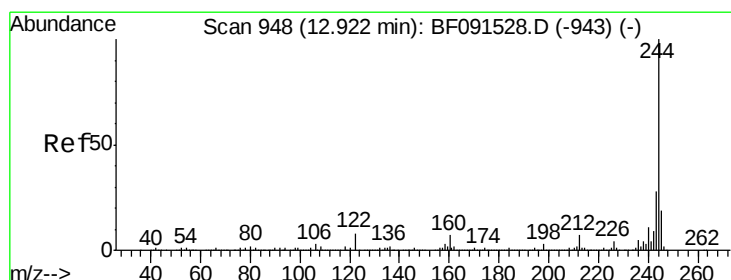
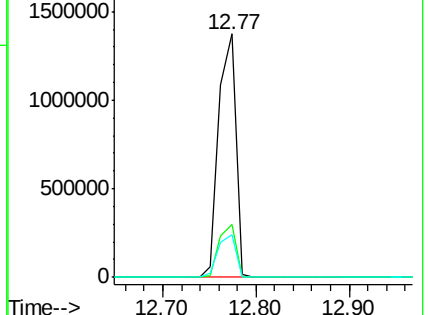
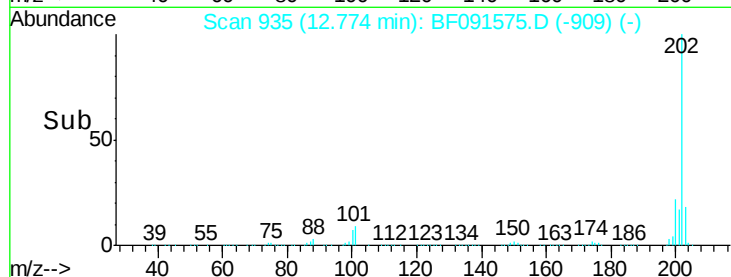
203 17.7 14.0 21.0



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: 95.47 ng

RT: 12.92 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF091575.D

Acq: 14 Dec 2016 2:53

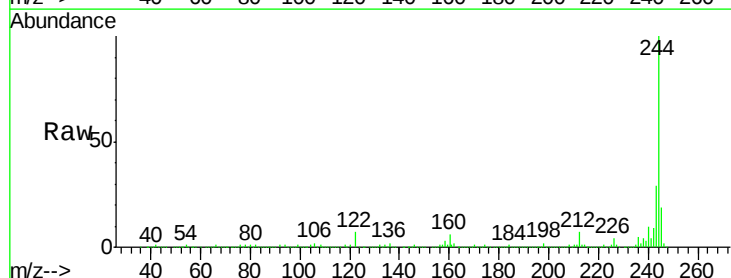
Tgt Ion:244 Resp: 2166359

Ion Ratio Lower Upper

244 100

212 6.6 6.5 9.7

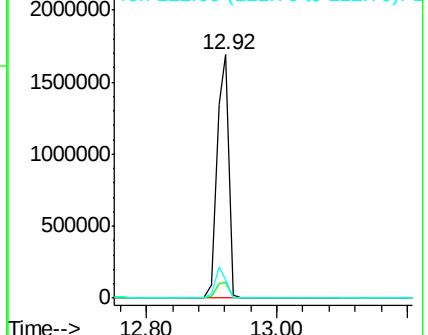
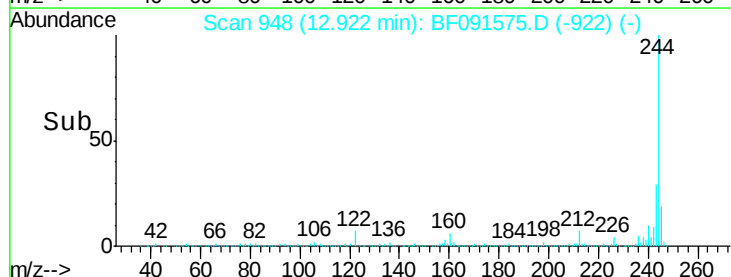
122 7.3 9.5 14.3#

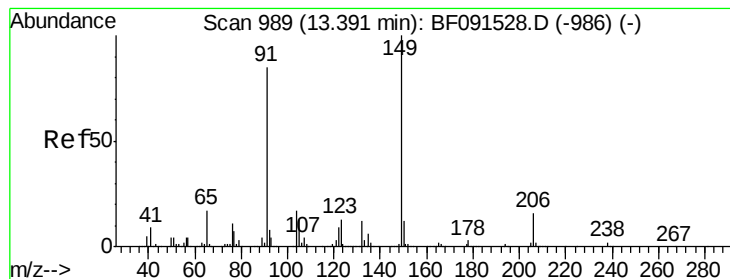


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 46.86 ng

RT: 13.39 min Scan# 989

Delta R.T. -0.00 min

Lab File: BF091575.D

Acq: 14 Dec 2016 2:53

Instrument :

BNA_F

ClientSampleId :

WC120716MSD

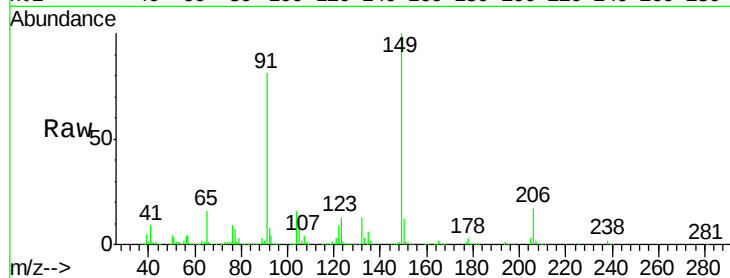
Tgt Ion:149 Resp: 746289

Ion Ratio Lower Upper

149 100

91 81.2 57.4 86.2

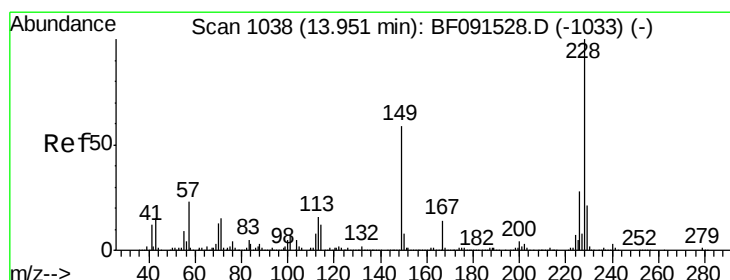
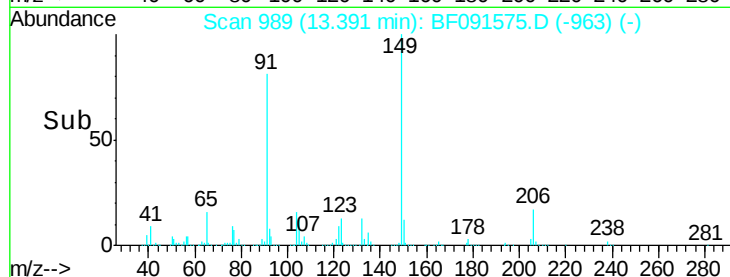
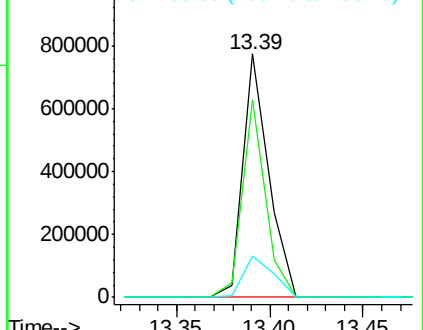
206 16.9 15.4 23.2



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: 44.41 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BF091575.D

Acq: 14 Dec 2016 2:53

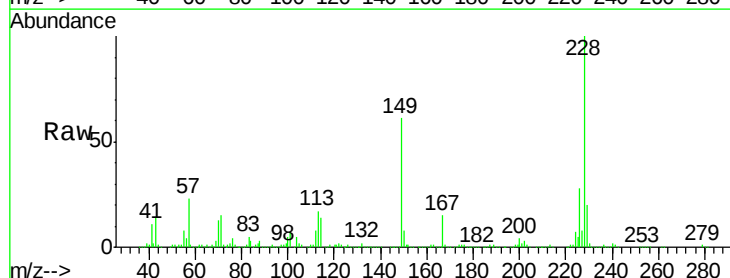
Tgt Ion:228 Resp: 1328070

Ion Ratio Lower Upper

228 100

226 27.8 22.5 33.7

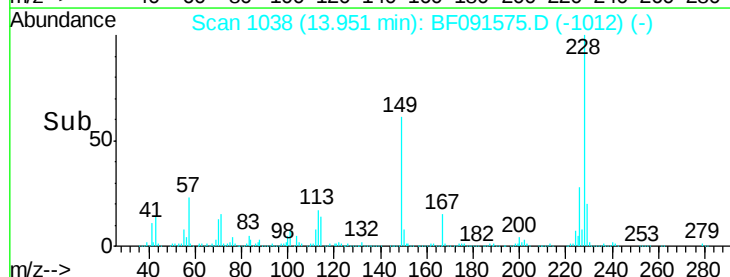
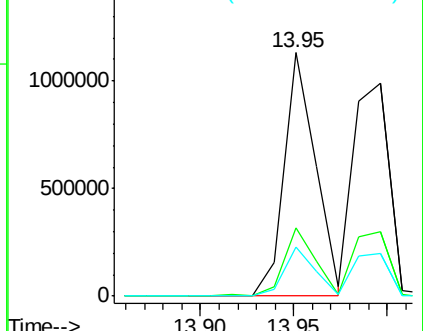
229 20.1 16.4 24.6

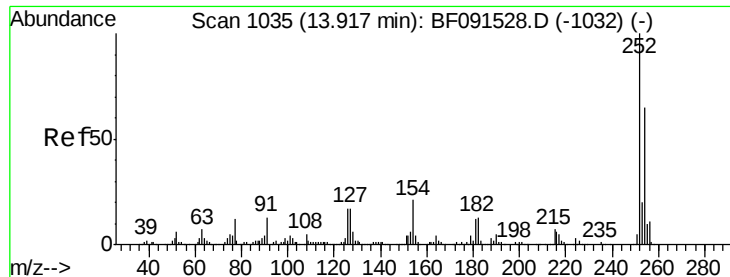


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

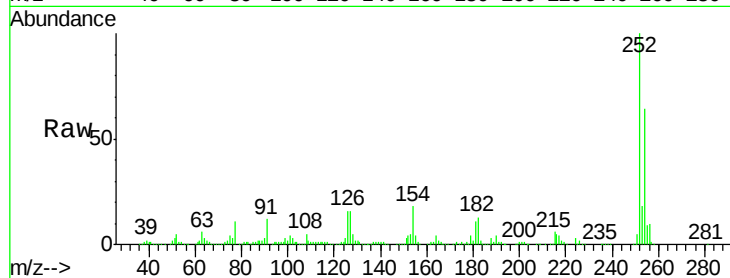




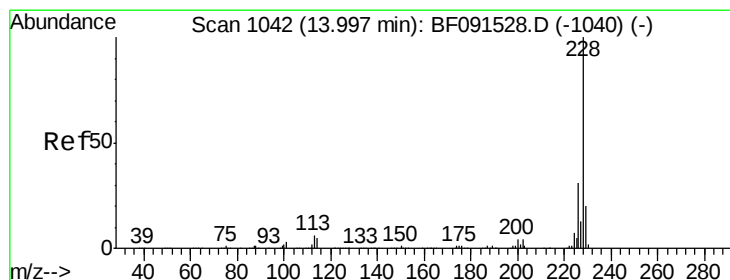
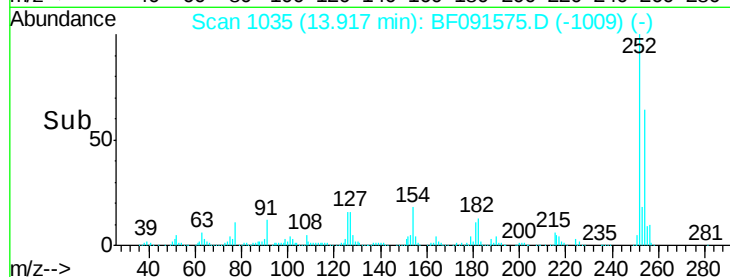
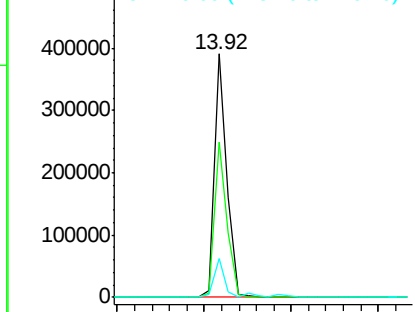
#81
 3,3'-Dichlorobenzidine
 Concen: 36.80 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BF091575.D
 Acq: 14 Dec 2016 2:53

Instrument :
 BNA_F
 ClientSampleId :
 WC120716MSD

Tgt Ion:252 Resp: 395131
 Ion Ratio Lower Upper
 252 100
 254 63.7 52.1 78.1
 126 15.9 7.5 11.3#

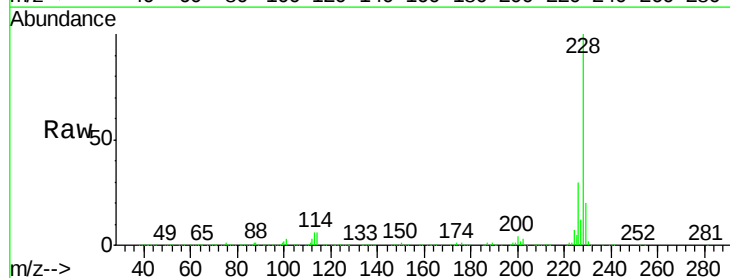


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

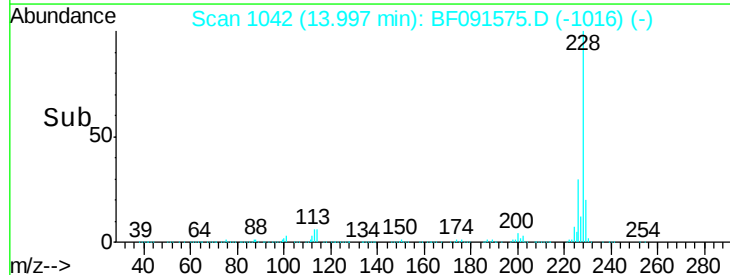
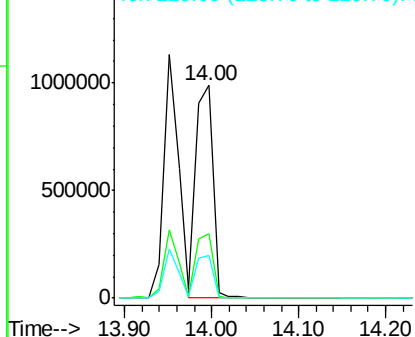


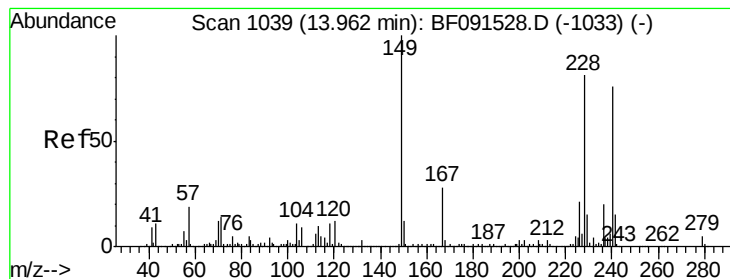
#82
 Chrysene
 Concen: 42.57 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BF091575.D
 Acq: 14 Dec 2016 2:53

Tgt Ion:228 Resp: 1331823
 Ion Ratio Lower Upper
 228 100
 226 30.1 25.0 37.4
 229 19.9 16.0 24.0



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 47.18 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF091575.D

Acq: 14 Dec 2016 2:53

Instrument :

BNA_F

ClientSampleId :

WC120716MSD

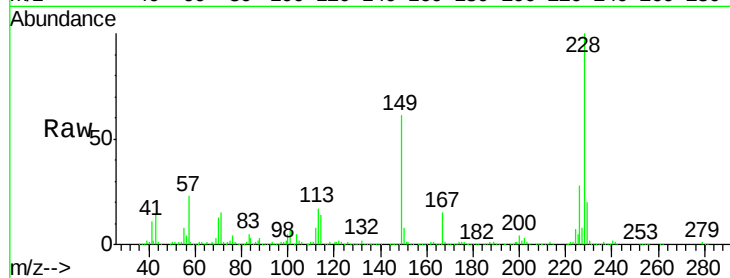
Tgt Ion:149 Resp: 963913

Ion Ratio Lower Upper

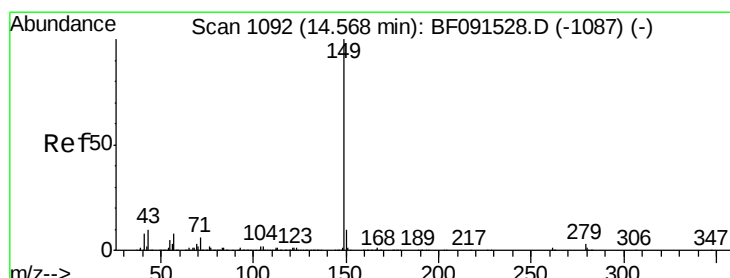
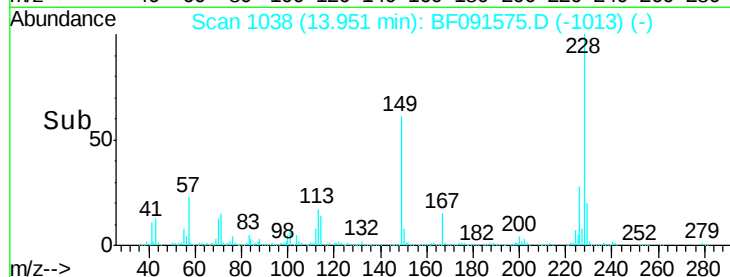
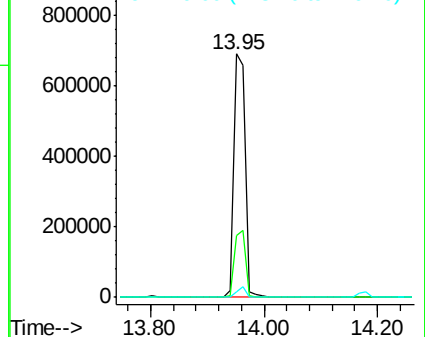
149 100

167 25.4 19.6 29.4

279 2.1 1.9 2.9



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



#84

Di-n-octyl phthalate

Concen: 52.27 ng

RT: 14.57 min Scan# 1092

Delta R.T. -0.00 min

Lab File: BF091575.D

Acq: 14 Dec 2016 2:53

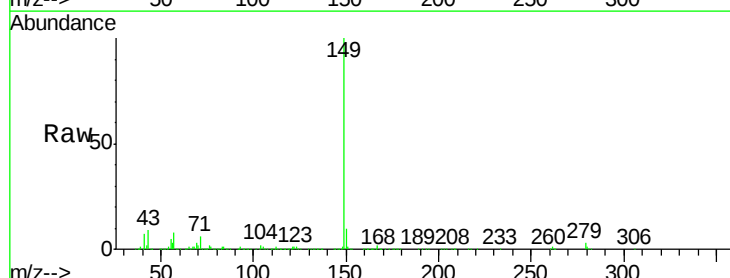
Tgt Ion:149 Resp: 1812644

Ion Ratio Lower Upper

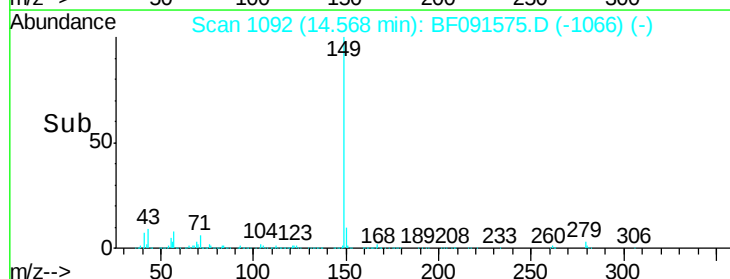
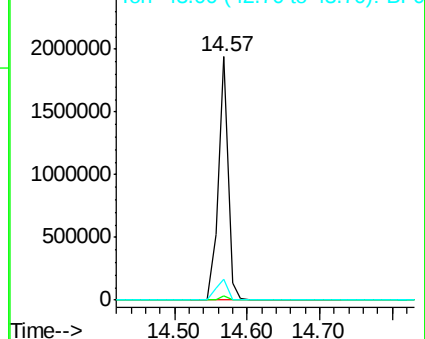
149 100

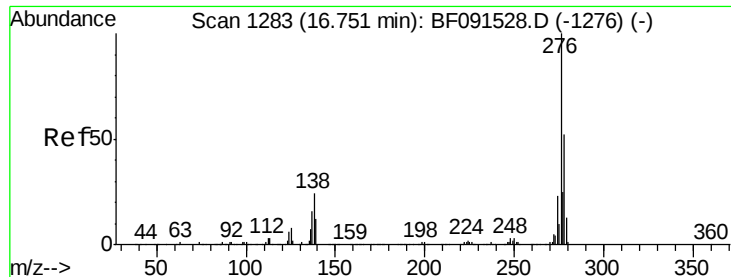
167 1.6 1.3 1.9

43 10.3 11.9 17.9#



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





#85

Indeno(1,2,3-cd)pyrene

Concen: 62.75 ng

RT: 16.75 min Scan# 1283

Delta R.T. -0.00 min

Lab File: BF091575.D

Acq: 14 Dec 2016 2:53

Instrument :

BNA_F

ClientSampleId :

WC120716MSD

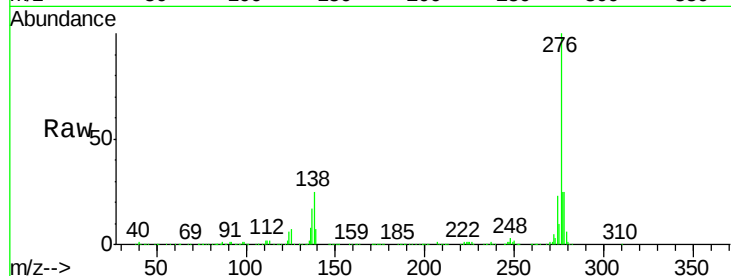
Tgt Ion:276 Resp: 1766646

Ion Ratio Lower Upper

276 100

138 27.6 21.0 31.4

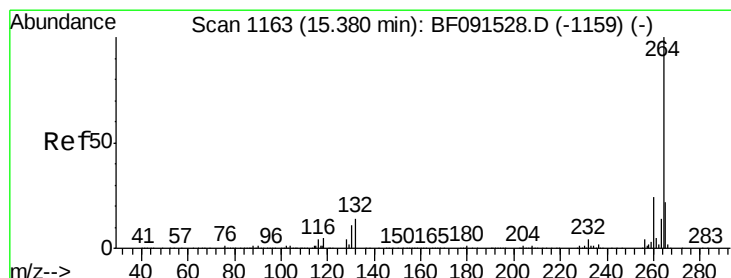
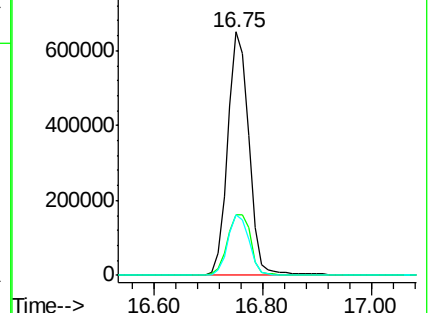
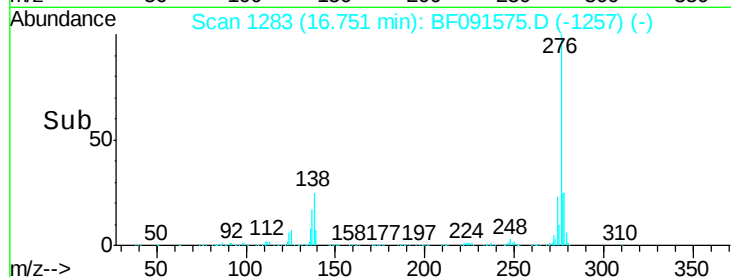
277 25.1 20.2 30.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.38 min Scan# 1163

Delta R.T. -0.00 min

Lab File: BF091575.D

Acq: 14 Dec 2016 2:53

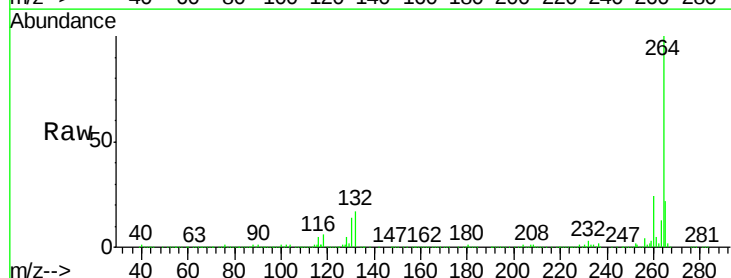
Tgt Ion:264 Resp: 629375

Ion Ratio Lower Upper

264 100

260 23.9 18.8 28.2

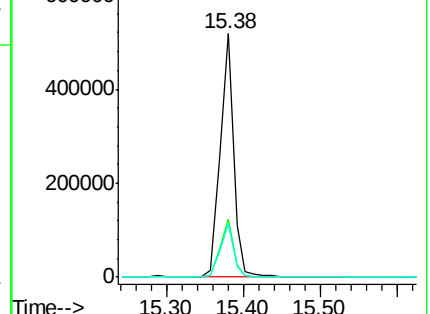
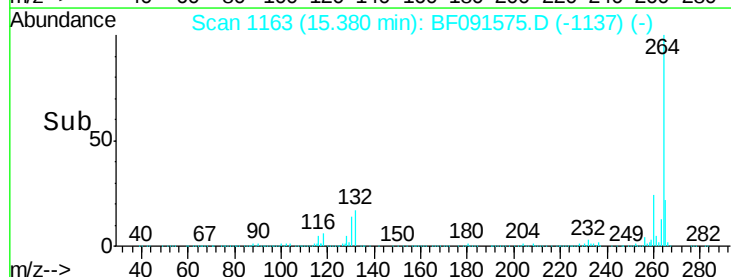
265 21.7 17.0 25.6

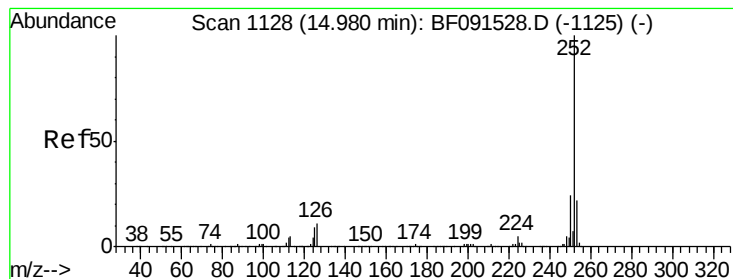


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 78.54 ng

RT: 14.98 min Scan# 1128

Delta R.T. -0.00 min

Lab File: BF091575.D

Acq: 14 Dec 2016 2:53

Instrument :

BNA_F

ClientSampleId :

WC120716MSD

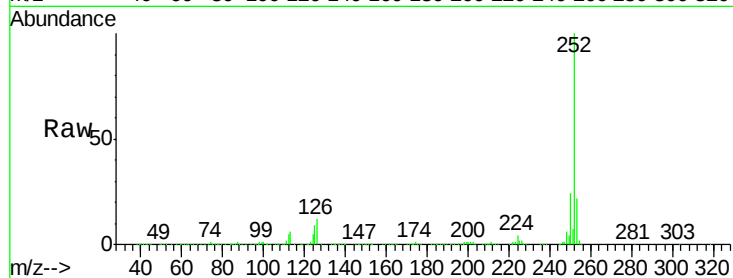
Tgt Ion:252 Resp: 2946780

Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.2

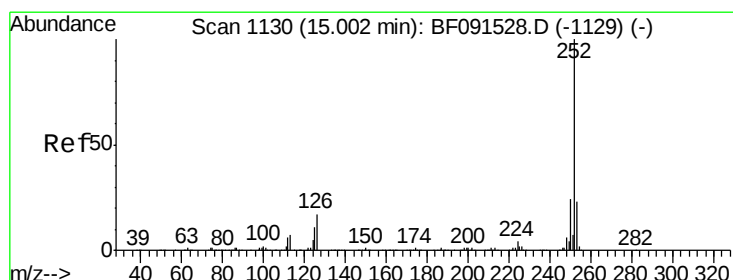
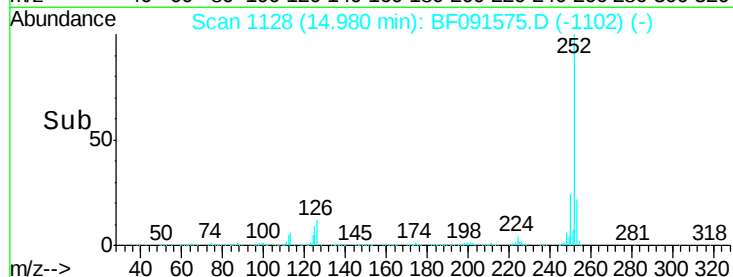
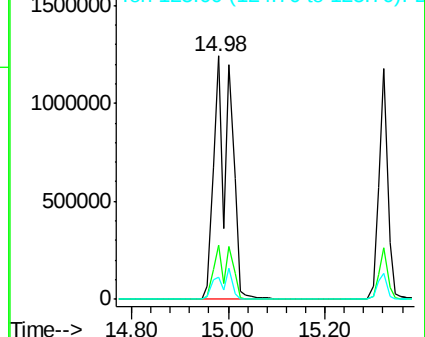
125 9.4 8.6 13.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 89.35 ng

RT: 14.98 min Scan# 1128

Delta R.T. -0.02 min

Lab File: BF091575.D

Acq: 14 Dec 2016 2:53

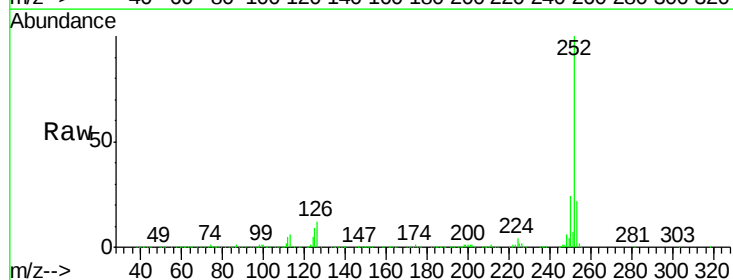
Tgt Ion:252 Resp: 2947433

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

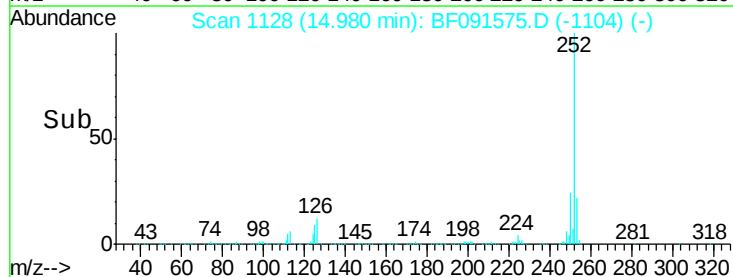
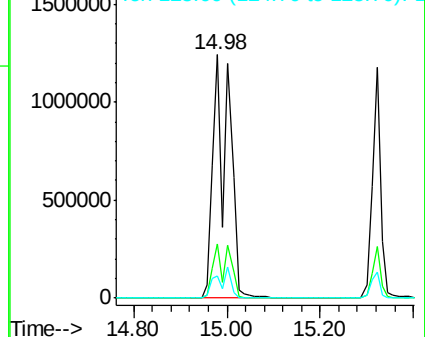
125 9.4 9.6 14.4#

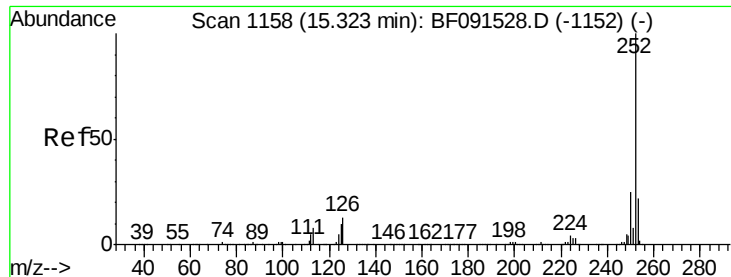


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

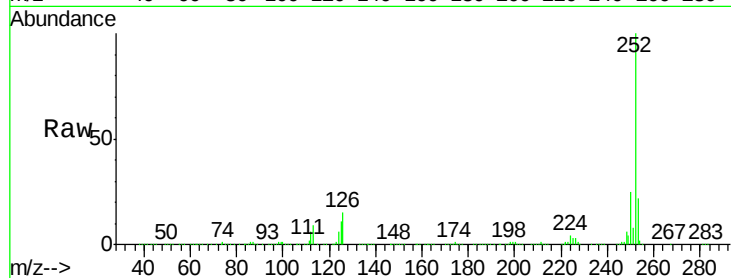




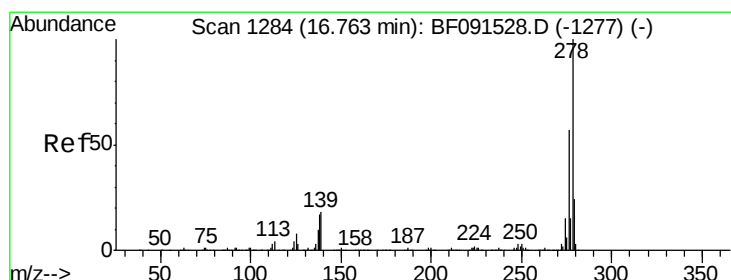
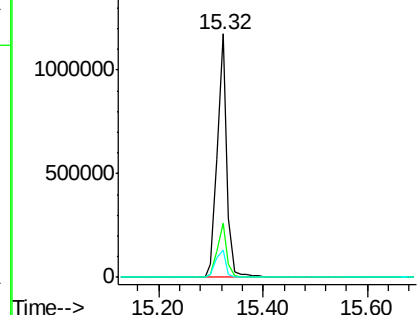
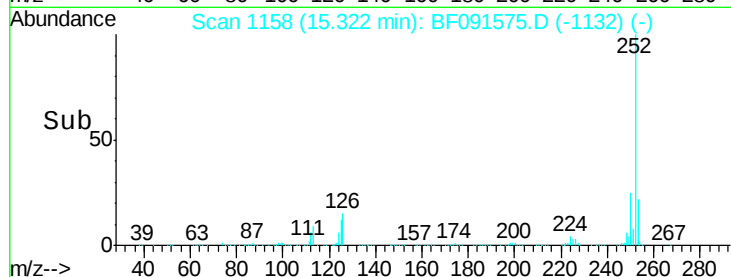
#89
Benzo(a)pyrene
Concen: 44.29 ng
RT: 15.32 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BF091575.D
Acq: 14 Dec 2016 2:53

Instrument :
BNA_F
ClientSampleId :
WC120716MSD

Tgt Ion:252 Resp: 1497059
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.4
125 11.4 10.4 15.6

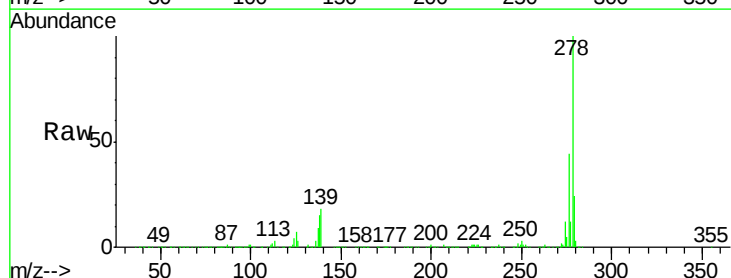


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

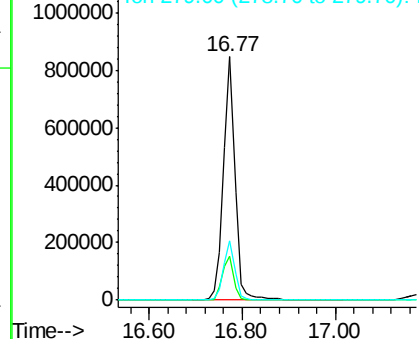
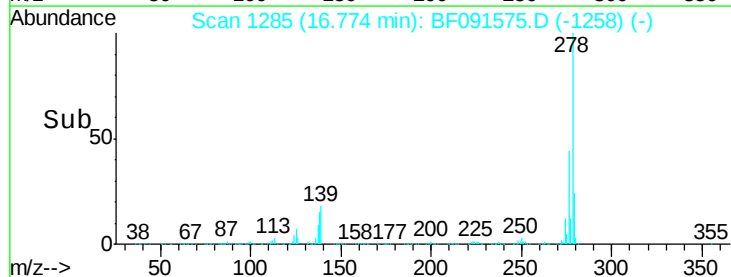


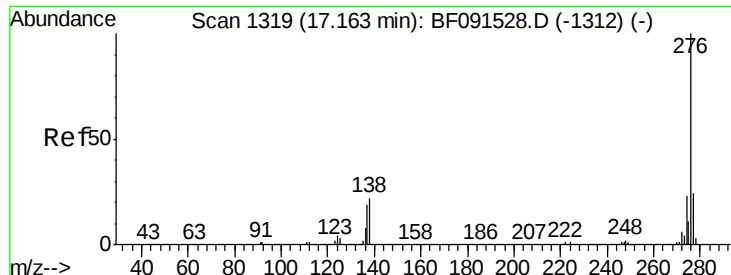
#90
Dibenzo(a,h)anthracene
Concen: 47.94 ng
RT: 16.77 min Scan# 1285
Delta R.T. 0.01 min
Lab File: BF091575.D
Acq: 14 Dec 2016 2:53

Tgt Ion:278 Resp: 1451481
Ion Ratio Lower Upper
278 100
139 17.9 15.1 22.7
279 24.1 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: 48.29 ng

RT: 17.17 min Scan# 1320

Delta R.T. 0.01 min

Lab File: BF091575.D

Acq: 14 Dec 2016 2:53

Instrument :

BNA_F

ClientSampleId :

WC120716MSD

Tgt Ion:276 Resp: 1488227

Ion Ratio Lower Upper

276 100

277 23.8 19.0 28.4

138 20.8 15.4 23.0

