

Data Path : Z:\HPCHEM1\BNA_F\Data\BF121716\
 Data File : BF091718.D
 Acq On : 17 Dec 2016 16:39
 Operator : UM/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF121716

Quant Time: Dec 17 23:55:23 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 17 22:53:54 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	334793	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	1328878	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	719157	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	1132299	20.00	ng	0.00
75) Chrysene-d12	13.93	240	831331	20.00	ng	0.00
86) Perylene-d12	15.33	264	914230	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	1514047	75.77	ng	0.00
7) Phenol-d6	6.42	99	1813767	74.42	ng	0.00
23) Nitrobenzene-d5	7.34	82	1906539	82.74	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	439641	72.09	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	2740067	76.55	ng	0.00
78) Terphenyl-d14	12.88	244	2549804	77.44	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.32	88	373503	37.95	ng	99
3) Pyridine	3.00	79	1204827	38.00	ng	98
4) n-Nitrosodimethylamine	2.97	42	469468	38.26	ng	99
6) Aniline	6.43	93	1163353	37.10	ng	97
8) 2-Chlorophenol	6.56	128	827488	37.62	ng	99
9) Benzaldehyde	6.32	77	567287	39.82	ng	98
10) Phenol	6.43	94	1083848	39.46	ng	99
11) bis(2-Chloroethyl)ether	6.51	93	793127	36.15	ng	100
12) 1,3-Dichlorobenzene	6.70	146	894053	37.01	ng	# 87
13) 1,4-Dichlorobenzene	6.78	146	870656	35.62	ng	99
14) 1,2-Dichlorobenzene	6.94	146	861581	40.24	ng	99
15) Benzyl Alcohol	6.92	79	717795	38.04	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.06	45	1286209	38.37	ng	99
17) 2-Methylphenol	7.04	107	682664	37.14	ng	99
18) Hexachloroethane	7.29	117	358372	39.46	ng	97
19) n-Nitroso-di-n-propylamine	7.20	70	579325	35.74	ng	100
20) 3+4-Methylphenols	7.20	107	795832	38.81	ng	94
22) Acetophenone	7.18	105	1187932	37.02	ng	99
24) Nitrobenzene	7.36	77	866486	35.02	ng	100
25) Isophorone	7.61	82	1722120	39.17	ng	100
26) 2-Nitrophenol	7.68	139	475466	39.83	ng	98
27) 2,4-Dimethylphenol	7.72	122	749747	38.50	ng	99
28) bis(2-Chloroethoxy)methane	7.81	93	958584	37.26	ng	99
29) 2,4-Dichlorophenol	7.92	162	668839	37.24	ng	87
30) 1,2,4-Trichlorobenzene	8.00	180	755501	38.81	ng	# 94
31) Naphthalene	8.08	128	2295007	36.15	ng	100
32) Benzoic acid	7.87	122	608910	43.88	ng	98
33) 4-Chloroaniline	8.13	127	1051345	39.31	ng	100
34) Hexachlorobutadiene	8.20	225	420512	38.42	ng	100
35) Caprolactam	8.52	113	235737	40.79	ng	96
36) 4-Chloro-3-methylphenol	8.62	107	790834	39.91	ng	97
37) 2-Methylnaphthalene	8.77	142	1617919	40.42	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	667030	37.21	ng	100
40) Hexachlorocyclopentadiene	8.92	237	319788	42.09	ng	95

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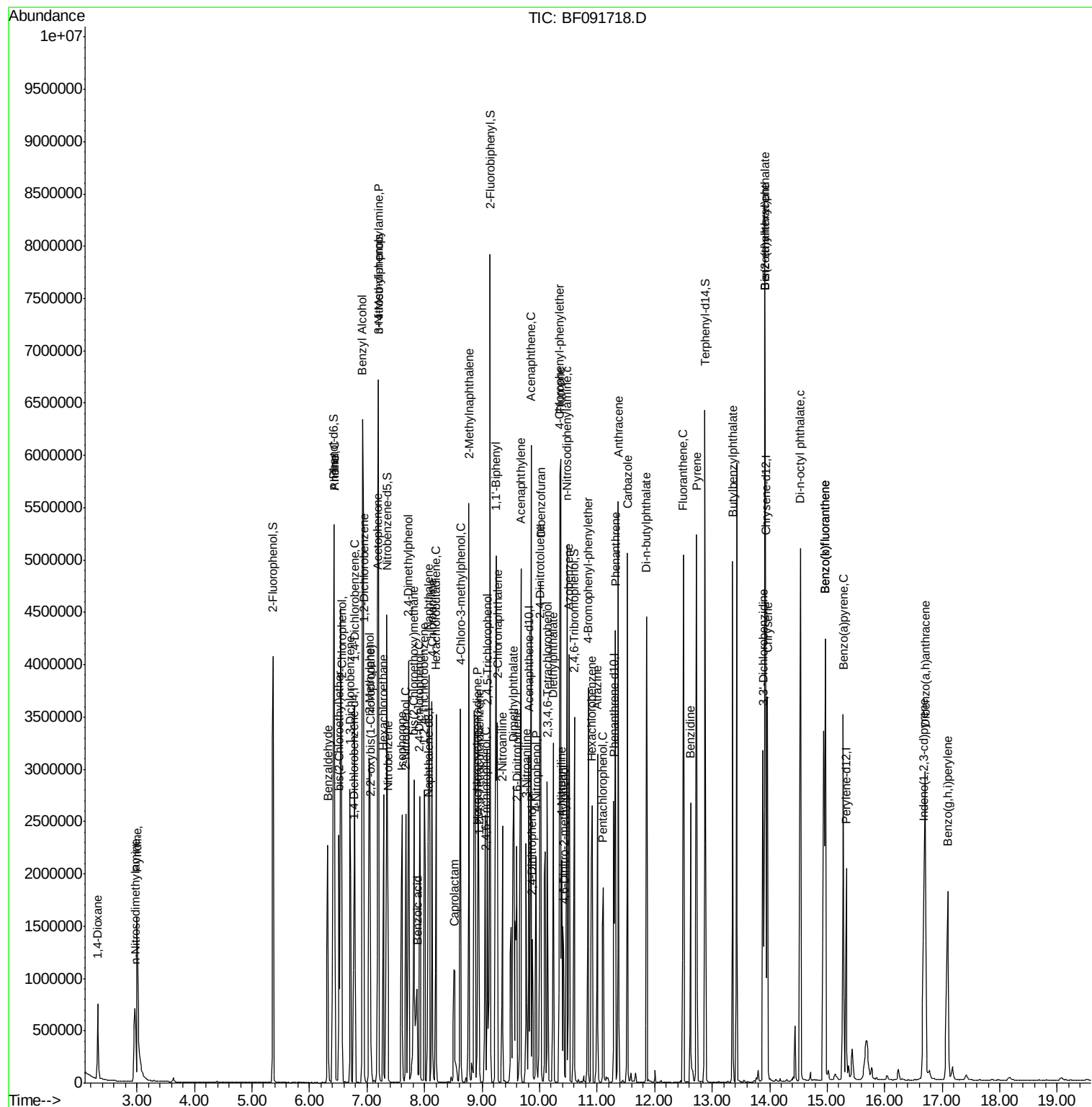
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	487552	38.07	ng	99
43) 2,4,5-Trichlorophenol	9.09	196	482595	38.35	ng	97
45) 1,1'-Biphenyl	9.24	154	1996553	38.74	ng	99
46) 2-Chloronaphthalene	9.26	162	1491945	38.73	ng	98
47) 2-Nitroaniline	9.36	65	473164	35.98	ng	99
48) Acenaphthylene	9.68	152	2291245	38.39	ng	100
49) Dimethylphthalate	9.55	163	1847774	39.33	ng	100
50) 2,6-Dinitrotoluene	9.61	165	434803	42.21	ng	91
51) Acenaphthene	9.85	154	1563313	38.16	ng	99
52) 3-Nitroaniline	9.77	138	450071	35.10	ng	98
53) 2,4-Dinitrophenol	9.87	184	220852	39.69	ng	# 47
54) Dibenzofuran	10.02	168	1944109	39.91	ng	100
55) 4-Nitrophenol	9.94	139	337493	37.90	ng	100
56) 2,4-Dinitrotoluene	10.01	165	548004	42.59	ng	96
57) Fluorene	10.36	166	1562430	41.30	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.13	232	390685	37.56	ng	99
59) Diethylphthalate	10.24	149	1671671	36.20	ng	100
60) 4-Chlorophenyl-phenylether	10.35	204	619847	35.97	ng	100
61) 4-Nitroaniline	10.38	138	451215	37.14	ng	99
62) Azobenzene	10.51	77	1783471	36.30	ng	100
64) 4,6-Dinitro-2-methylphenol	10.42	198	332179	44.48	ng	92
65) n-Nitrosodiphenylamine	10.48	169	1402999	39.90	ng	99
66) 4-Bromophenyl-phenylether	10.84	248	466031	39.25	ng	96
67) Hexachlorobenzene	10.91	284	520749	41.85	ng	# 91
68) Atrazine	11.00	200	387140	36.43	ng	98
69) Pentachlorophenol	11.10	266	294199	43.82	ng	99
70) Phenanthrene	11.32	178	2389576	42.24	ng	99
71) Anthracene	11.37	178	2099623	35.04	ng	100
72) Carbazole	11.53	167	2180750	41.62	ng	100
73) Di-n-butylphthalate	11.86	149	2519098	37.50	ng	100
74) Fluoranthene	12.50	202	2187374	37.02	ng	99
76) Benzidine	12.63	184	947130	39.58	ng	97
77) Pyrene	12.73	202	2229557	37.14	ng	99
79) Butylbenzylphthalate	13.36	149	1154098	41.07	ng	96
80) Benzo(a)anthracene	13.92	228	1865392	39.23	ng	100
81) 3,3'-Dichlorobenzidine	13.88	252	716270	37.64	ng	99
82) Chrysene	13.96	228	2011808	40.82	ng	99
83) Bis(2-ethylhexyl)phthalate	13.92	149	1333259	37.41	ng	99
84) Di-n-octyl phthalate	14.53	149	2735902	41.65	ng	99
85) Indeno(1,2,3-cd)pyrene	16.68	276	1953849	40.32	ng	99
87) Benzo(b)fluoranthene	14.97	252	3835457	66.16	ng	98
88) Benzo(k)fluoranthene	14.97	252	3835457	94.29	ng	99
89) Benzo(a)pyrene	15.28	252	1827704	36.73	ng	100
90) Dibenzo(a,h)anthracene	16.71	278	1632221	37.63	ng	99
91) Benzo(g,h,i)perylene	17.09	276	1655116	37.55	ng	96

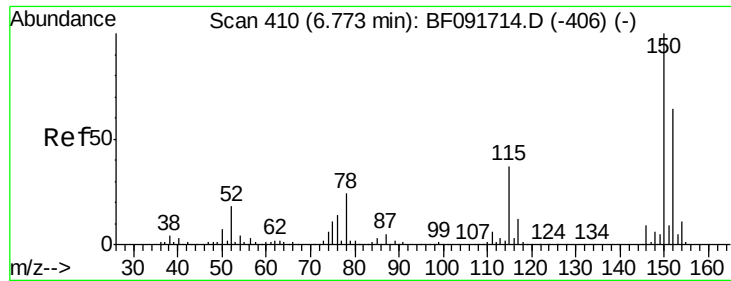
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF091718.D

Acq: 17 Dec 2016 16:39

Instrument :

BNA_F

ClientSampleId :

ICVBF121716

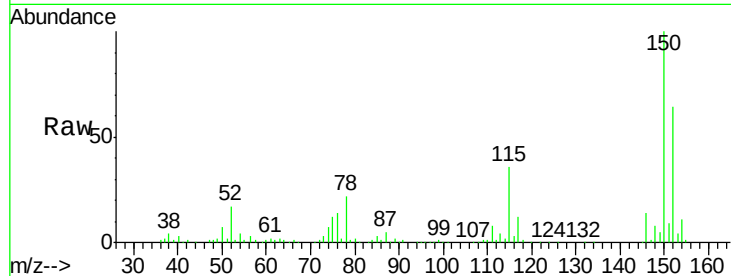
Tgt Ion:152 Resp: 334793

Ion Ratio Lower Upper

152 100

150 155.7 124.9 187.3

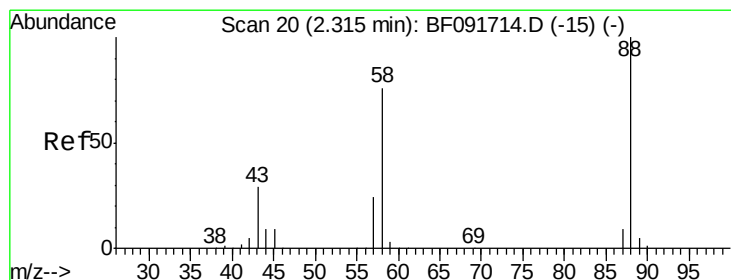
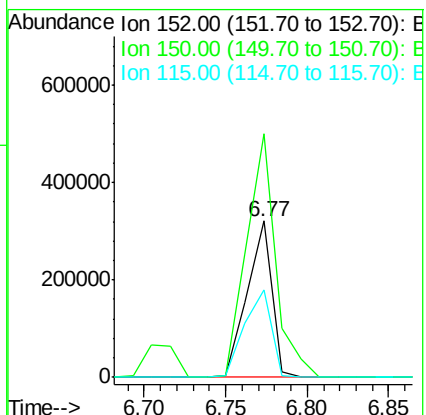
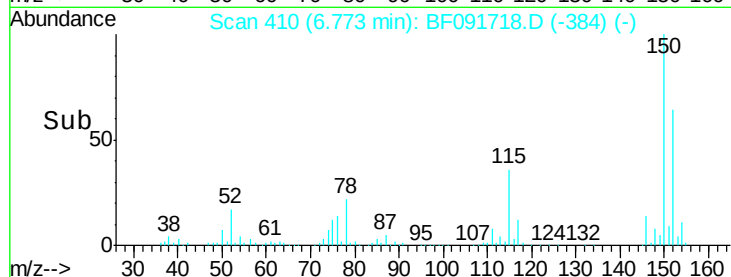
115 55.6 46.0 69.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 37.95 ng

RT: 2.32 min Scan# 20

Delta R.T. 0.00 min

Lab File: BF091718.D

Acq: 17 Dec 2016 16:39

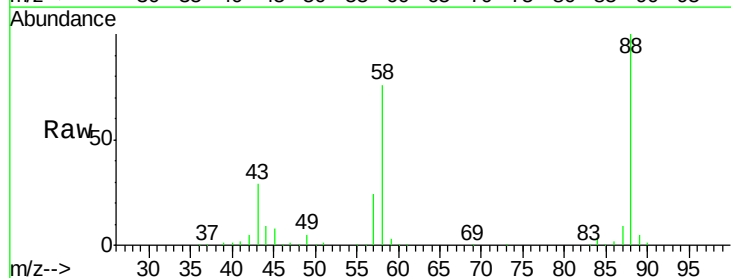
Tgt Ion: 88 Resp: 373503

Ion Ratio Lower Upper

88 100

58 73.2 57.8 86.8

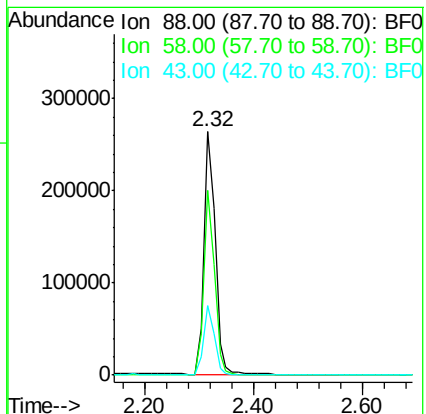
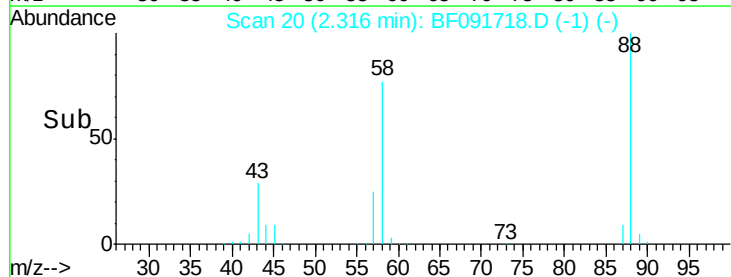
43 28.2 22.3 33.5

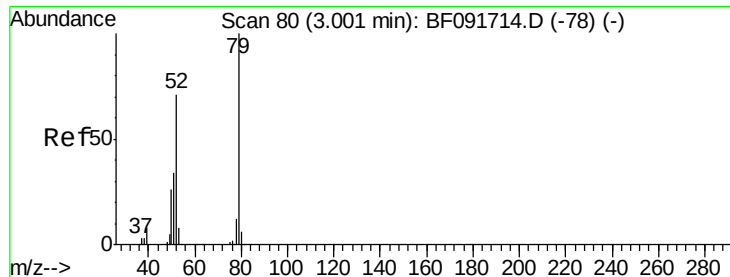


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 38.00 ng

RT: 3.00 min Scan# 80

Delta R.T. 0.00 min

Lab File: BF091718.D

Acq: 17 Dec 2016 16:39

Instrument :

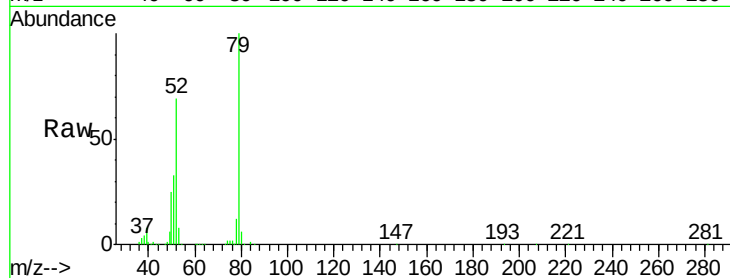
BNA_F

ClientSampleId :

ICVBF121716

Tgt Ion: 79 Resp: 1204827

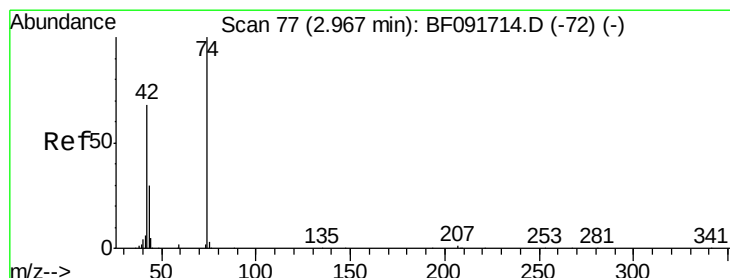
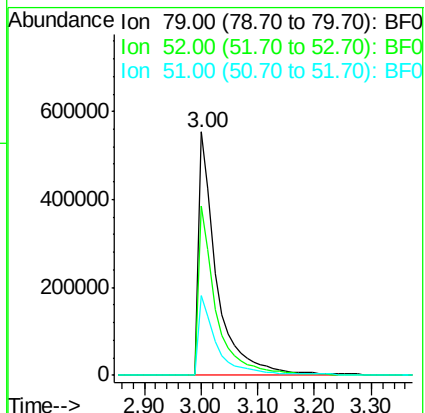
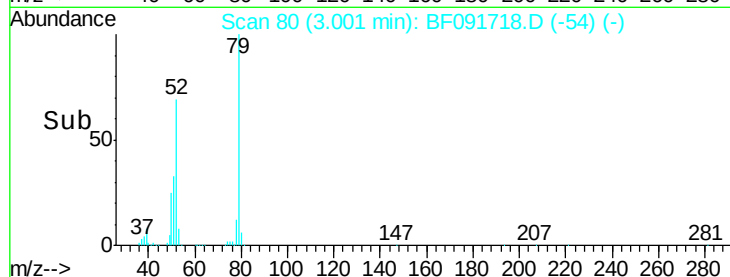
Ion	Ratio	Lower	Upper
79	100		
52	69.4	57.1	85.7
51	33.0	27.3	40.9



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 38.26 ng

RT: 2.97 min Scan# 77

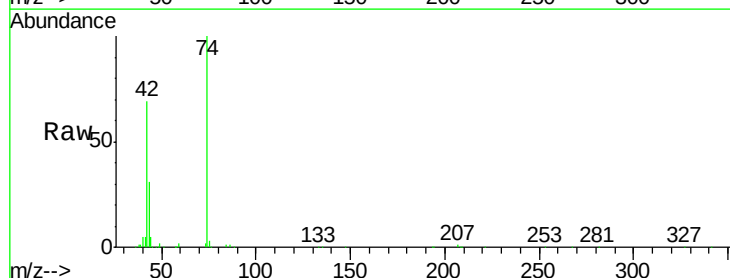
Delta R.T. 0.00 min

Lab File: BF091718.D

Acq: 17 Dec 2016 16:39

Tgt Ion: 42 Resp: 469468

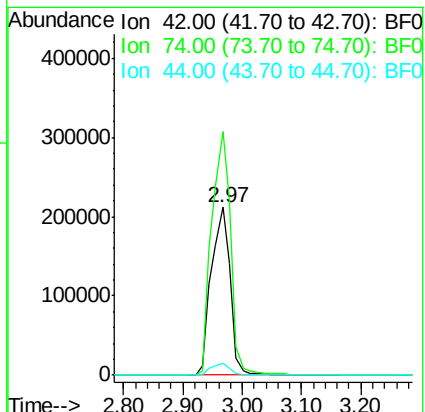
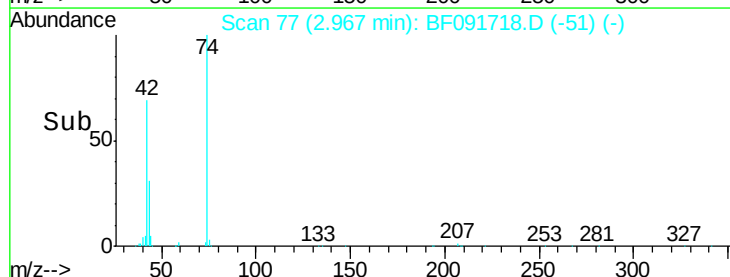
Ion	Ratio	Lower	Upper
42	100		
74	145.1	117.0	175.4
44	7.1	5.5	8.3

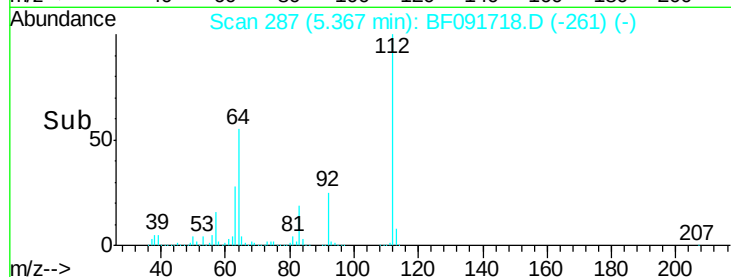
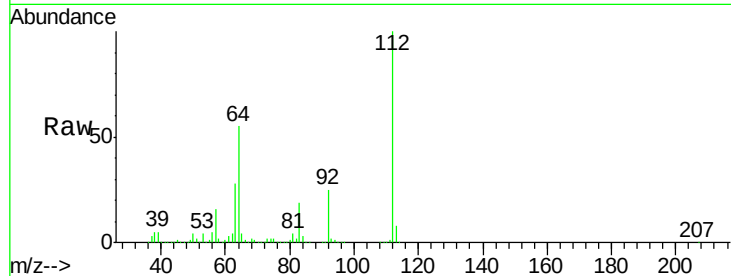
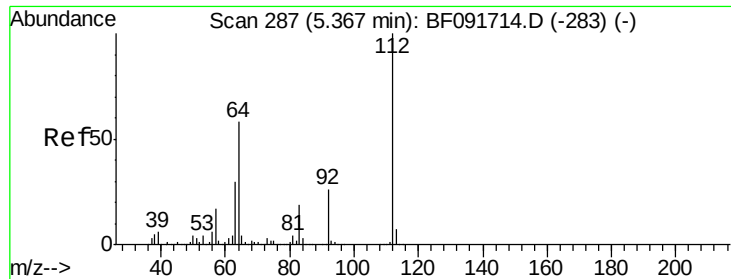


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 75.77 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.00 min

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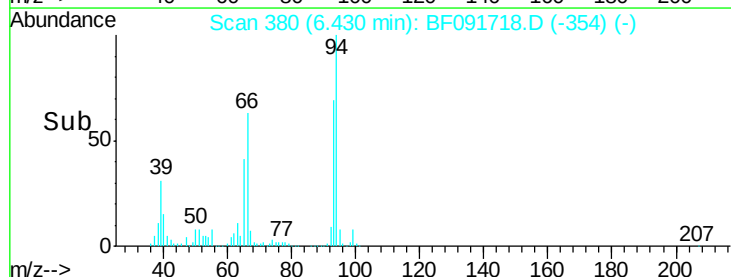
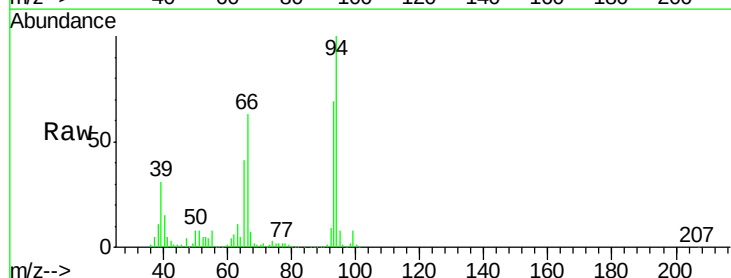
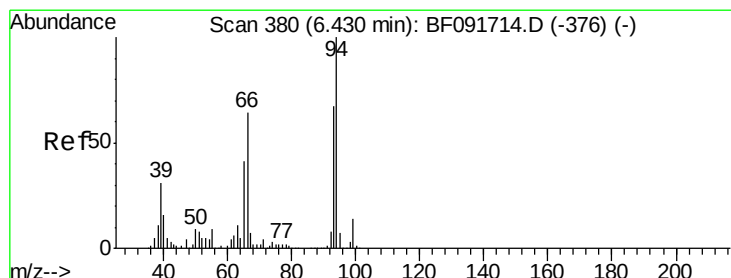
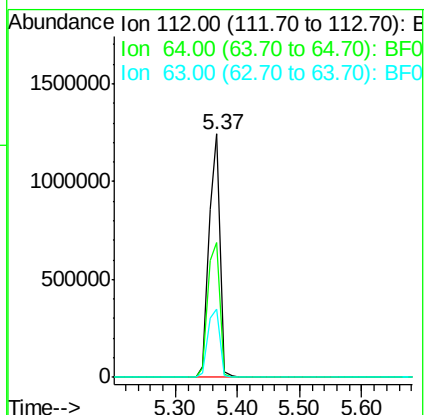
Tgt Ion:112 Resp: 1514047

Ion Ratio Lower Upper

112 100

64 55.1 46.1 69.1

63 28.2 23.8 35.6



#6

Aniline

Concen: 37.10 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF091718.D

Acq: 17 Dec 2016 16:39

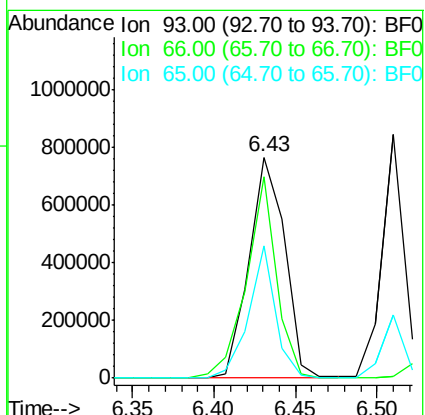
Tgt Ion: 93 Resp: 1163353

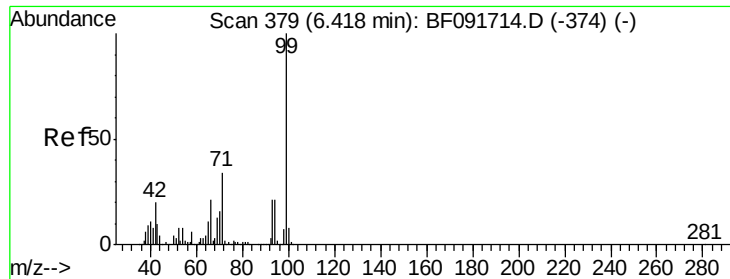
Ion Ratio Lower Upper

93 100

66 91.3 76.2 114.2

65 59.8 49.3 73.9





#7

Phenol-d6

Concen: 74.42 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF091718.D

Acq: 17 Dec 2016 16:39

Instrument :

BNA_F

ClientSampleId :

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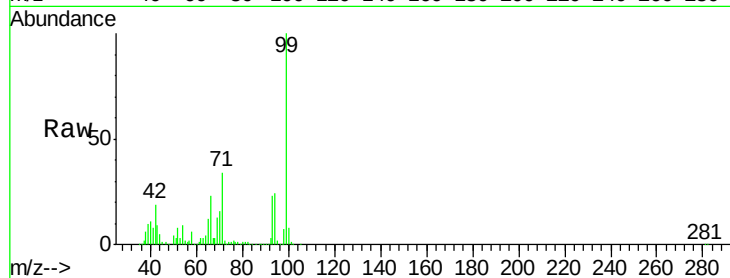
Tgt Ion: 99 Resp: 1813767

Ion Ratio Lower Upper

99 100

42 18.8 15.6 23.4

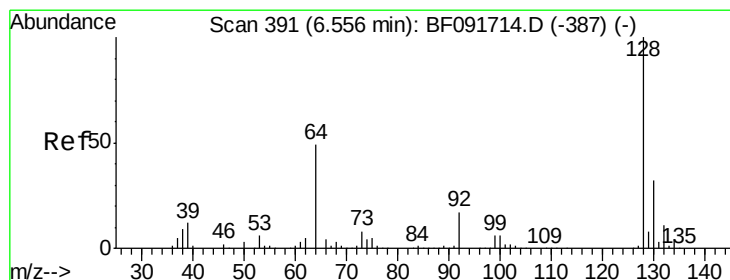
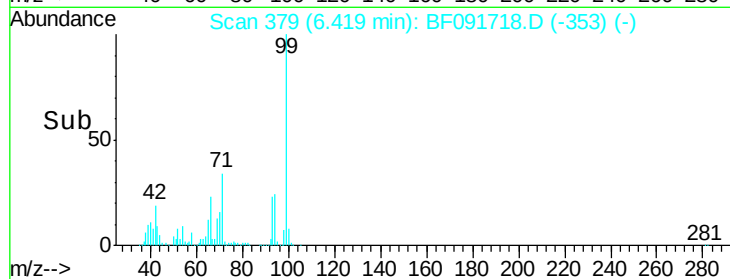
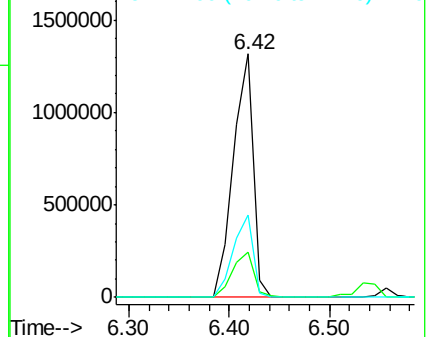
71 33.9 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 37.62 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF091718.D

Acq: 17 Dec 2016 16:39

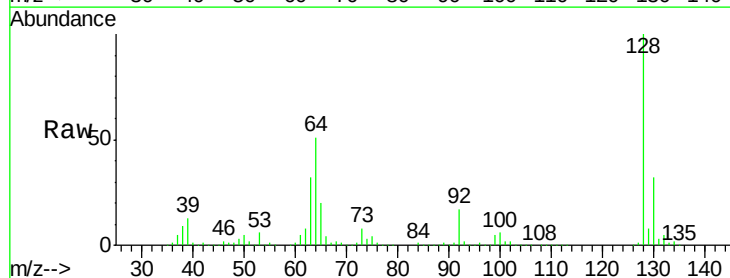
Tgt Ion: 128 Resp: 827488

Ion Ratio Lower Upper

128 100

130 32.5 12.3 52.3

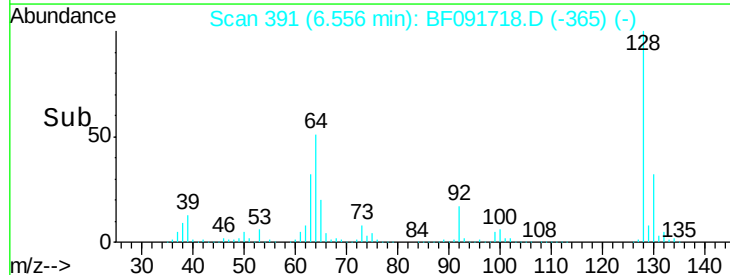
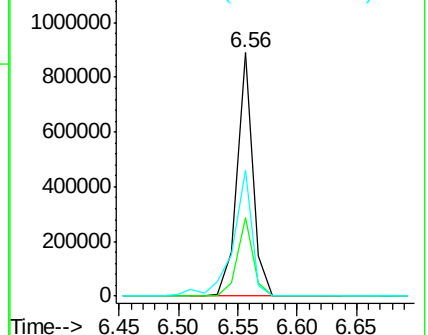
64 51.5 32.2 72.2

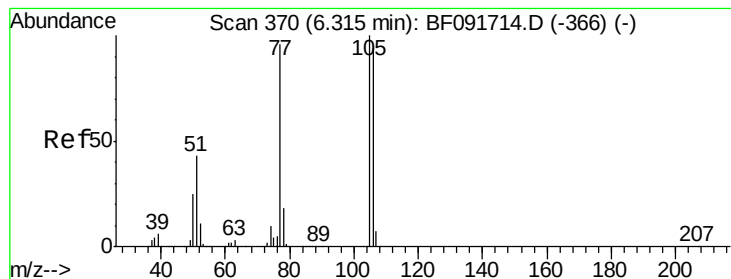


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 39.82 ng

RT: 6.32 min Scan# 370

Delta R.T. 0.00 min

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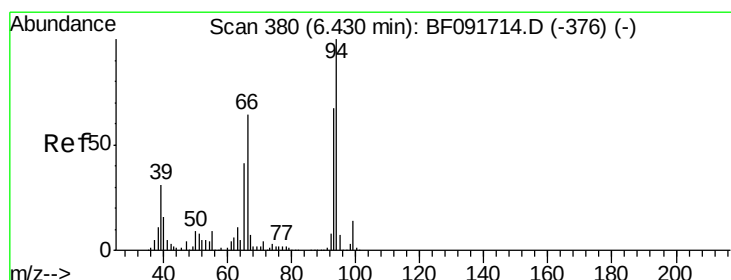
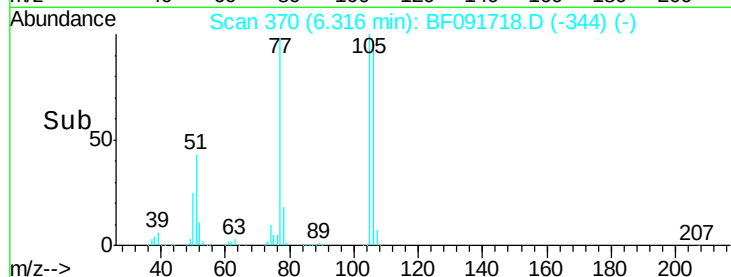
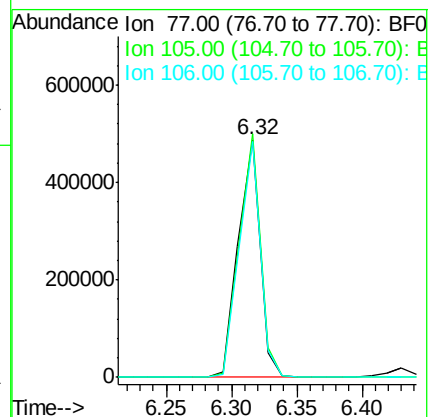
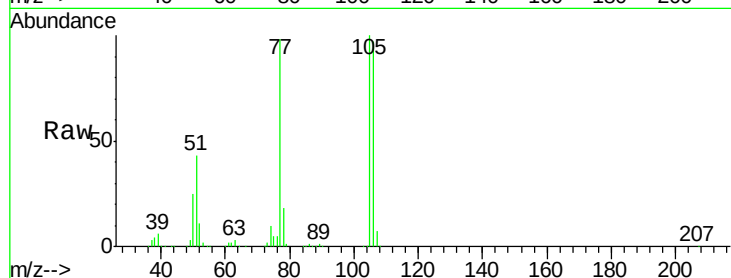
Tgt Ion: 77 Resp: 567287

Ion Ratio Lower Upper

77 100

105 102.4 83.9 123.9

106 99.2 77.6 117.6



#10

Phenol

Concen: 39.46 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.00 min

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Acq: 17 Dec 2016 16:39

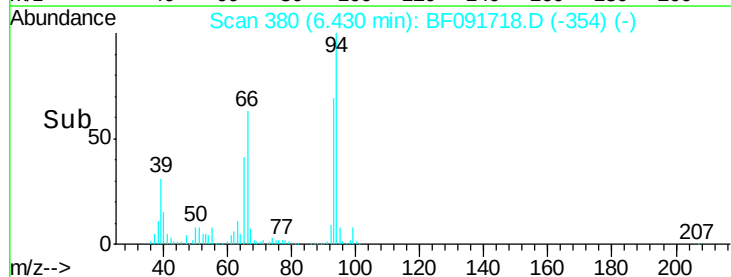
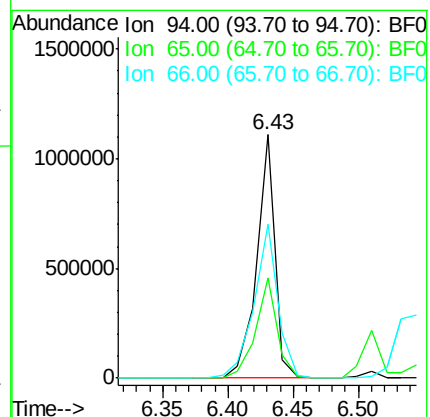
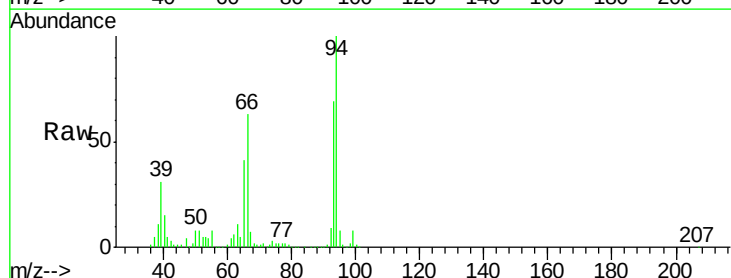
Tgt Ion: 94 Resp: 1083848

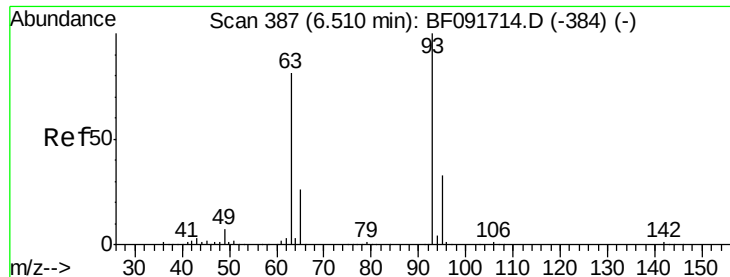
Ion Ratio Lower Upper

94 100

65 41.2 21.4 61.4

66 63.0 44.0 84.0

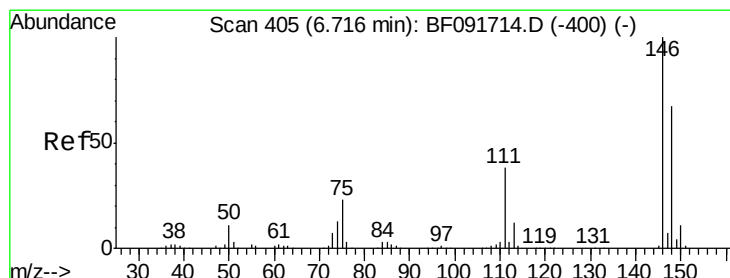
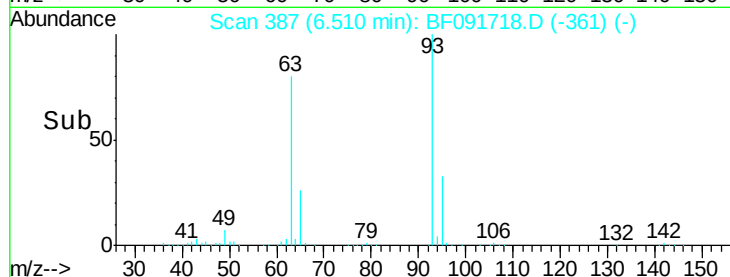
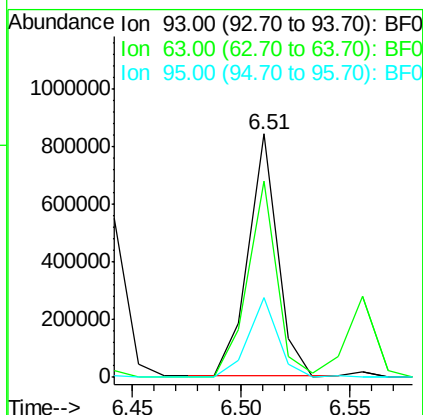
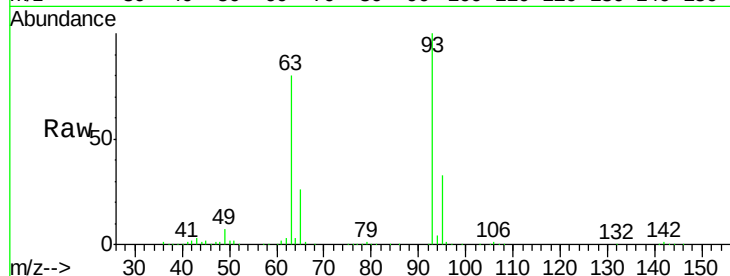




#11
bis(2-Chloroethyl)ether
Concen: 36.15 ng
RT: 6.51 min Scan# 387
Delta R.T. 0.00 min
Lab File: BF091718.D
Acq: 17 Dec 2016 16:39

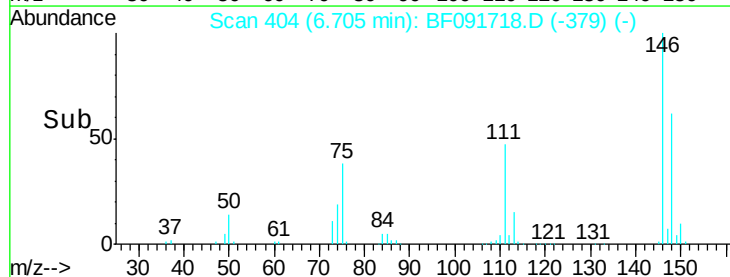
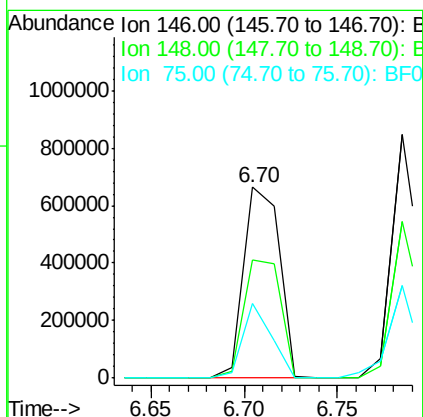
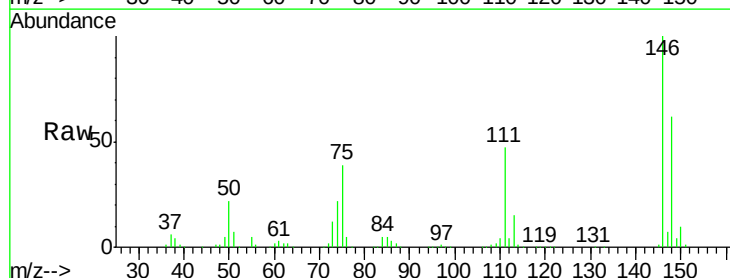
Instrument :
BNA_F
ClientSampleId :
ICVBF121716

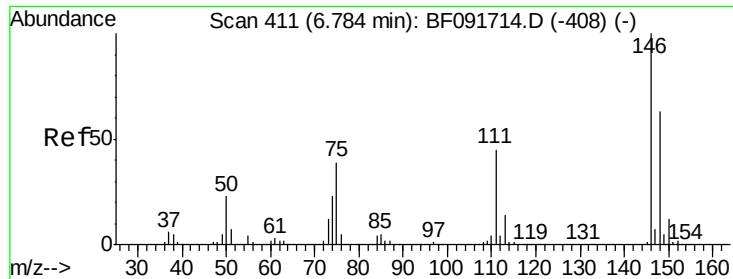
Tgt Ion: 93 Resp: 793127
Ion Ratio Lower Upper
93 100
63 80.4 60.4 100.4
95 32.8 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 37.01 ng
RT: 6.70 min Scan# 404
Delta R.T. -0.01 min
Lab File: BF091718.D
Acq: 17 Dec 2016 16:39

Tgt Ion: 146 Resp: 894053
Ion Ratio Lower Upper
146 100
148 62.2 53.4 80.0
75 39.3 18.5 27.7#

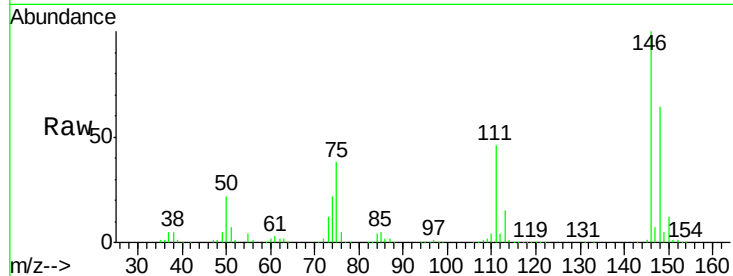




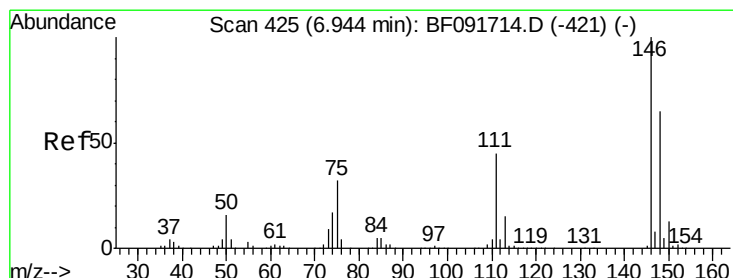
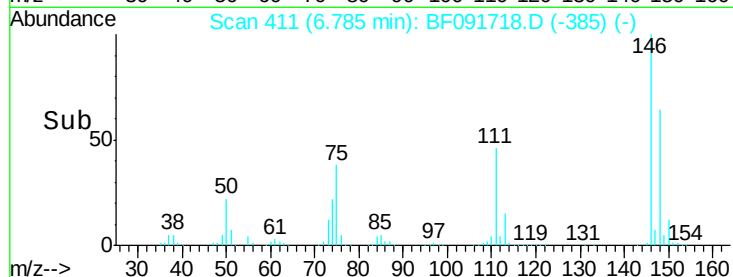
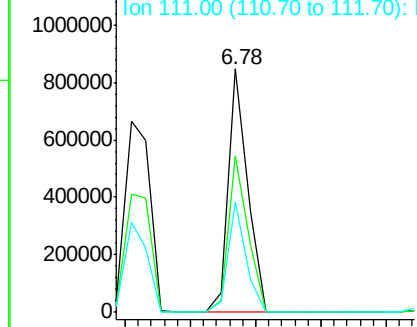
#13
 1,4-Dichlorobenzene
 Concen: 35.62 ng
 RT: 6.78 min Scan# 411
 Delta R.T. 0.00 min
 Lab File: BF091718.D
 Acq: 17 Dec 2016 16:39

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF121716

Tgt Ion:146 Resp: 870656
 Ion Ratio Lower Upper
 146 100
 148 64.5 50.6 76.0
 111 45.6 36.2 54.4

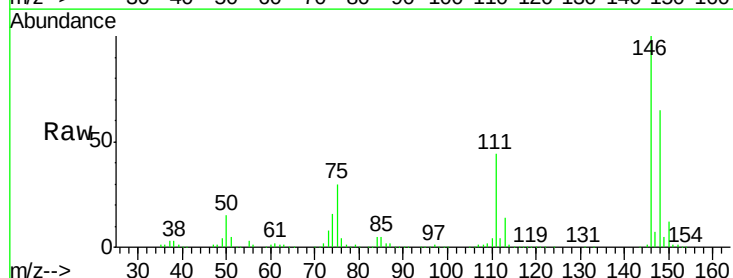


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

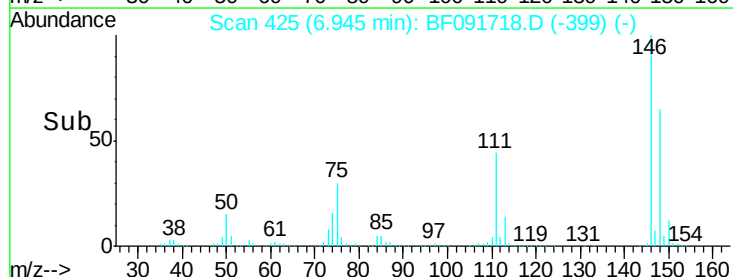
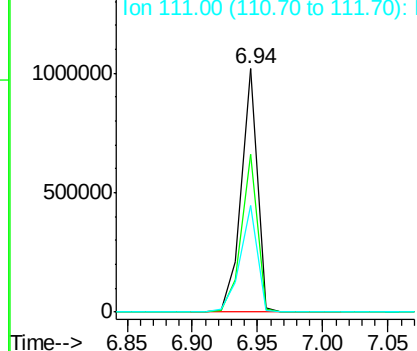


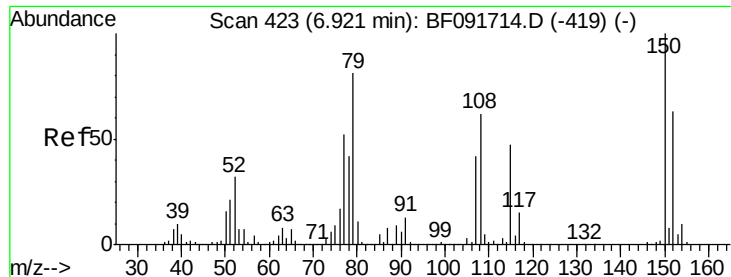
#14
 1,2-Dichlorobenzene
 Concen: 40.24 ng
 RT: 6.94 min Scan# 425
 Delta R.T. 0.00 min
 Lab File: BF091718.D
 Acq: 17 Dec 2016 16:39

Tgt Ion:146 Resp: 861581
 Ion Ratio Lower Upper
 146 100
 148 64.9 52.2 78.2
 111 43.7 36.2 54.2



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

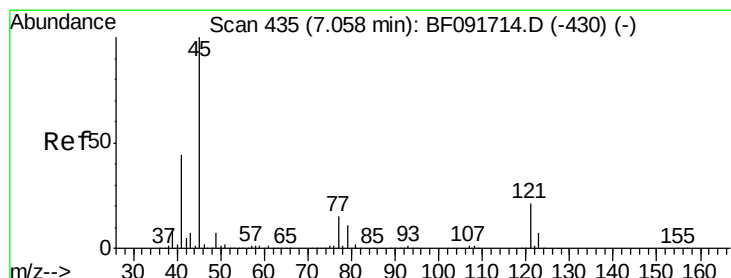
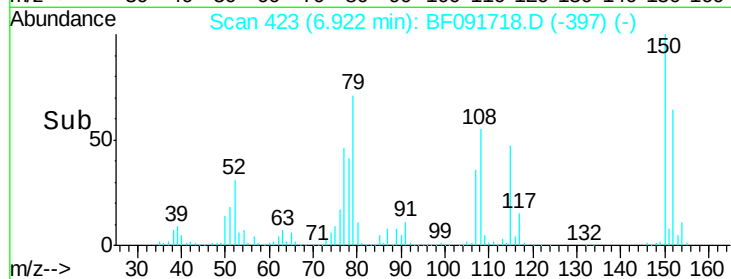
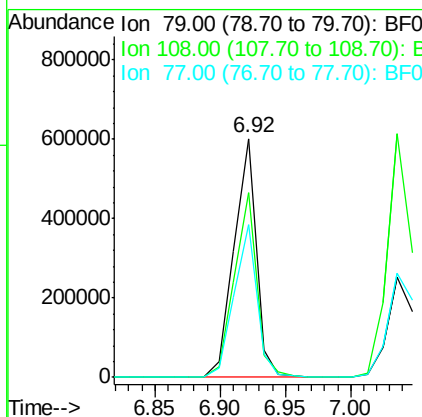
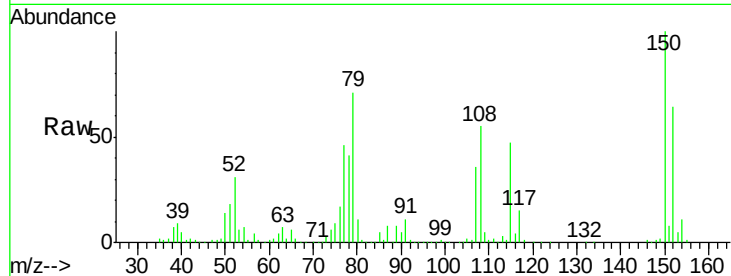




#15
Benzyl Alcohol
Concen: 38.04 ng
RT: 6.92 min Scan# 423
Delta R.T. 0.00 min
Lab File: BF091718.D
Acq: 17 Dec 2016 16:39

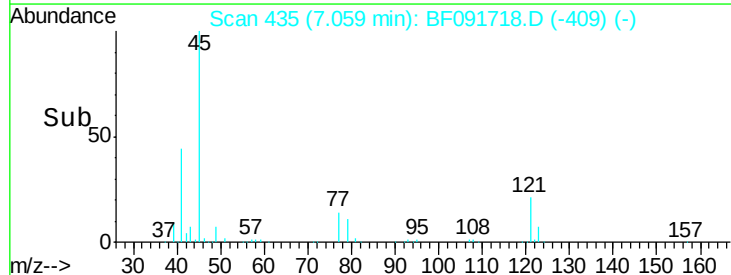
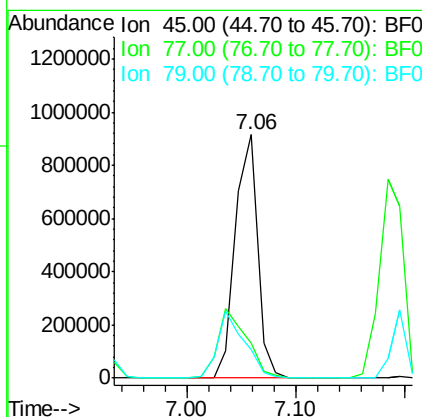
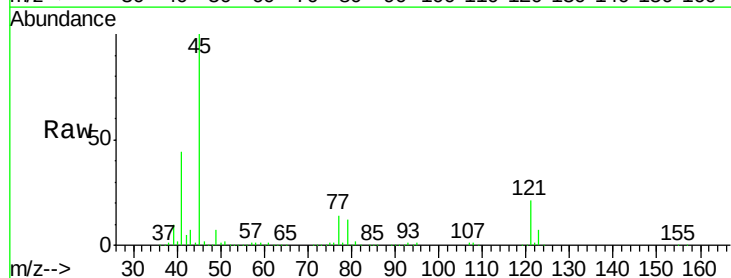
Instrument :
BNA_F
ClientSampleId :
ICVBF121716

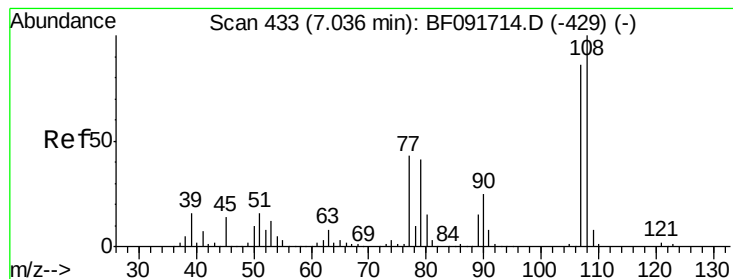
Tgt Ion: 79 Resp: 717795
Ion Ratio Lower Upper
79 100
108 77.1 61.4 92.0
77 64.0 50.9 76.3



#16
2,2'-oxybis(1-chloropropane)
Concen: 38.37 ng
RT: 7.06 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF091718.D
Acq: 17 Dec 2016 16:39

Tgt Ion: 45 Resp: 1286209
Ion Ratio Lower Upper
45 100
77 14.4 0.0 34.6
79 11.6 0.0 31.2

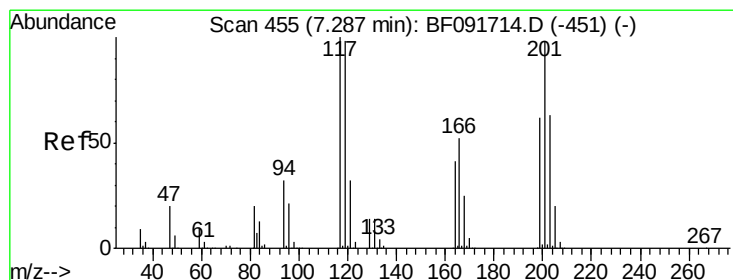
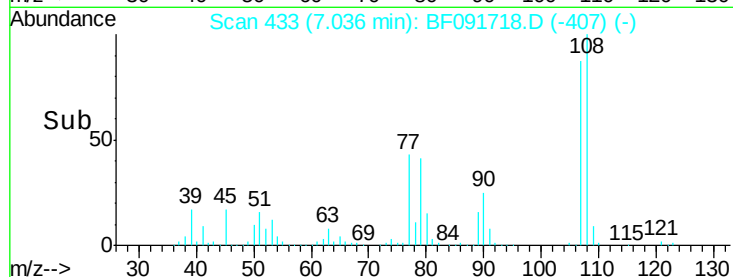
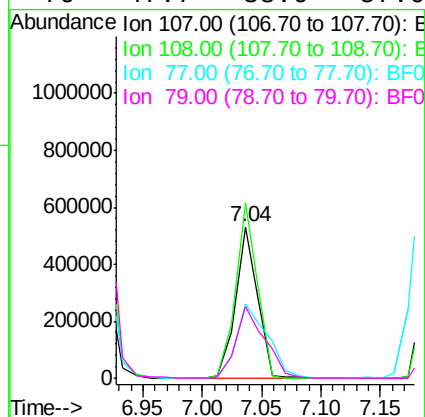
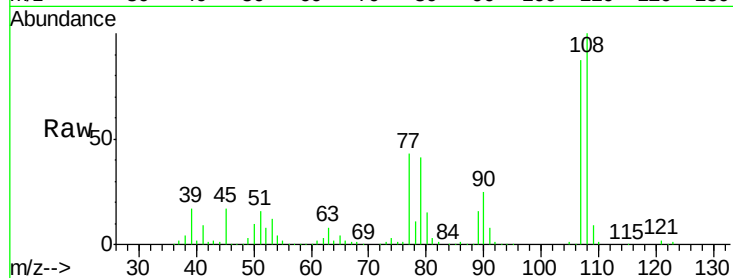




#17
2-Methylphenol
Concen: 37.14 ng
RT: 7.04 min Scan# 433
Delta R.T. 0.00 min
Lab File: BF091718.D
Acq: 17 Dec 2016 16:39

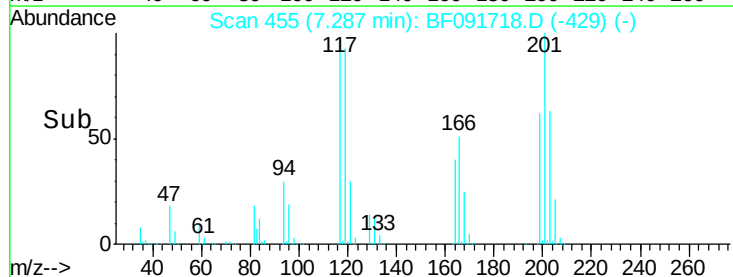
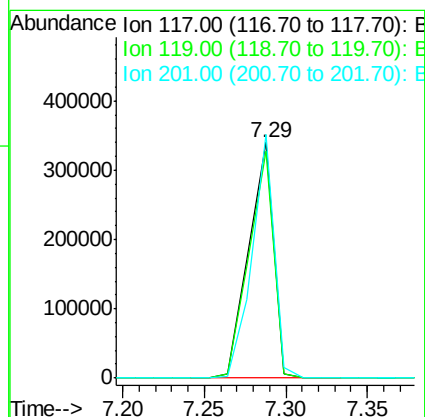
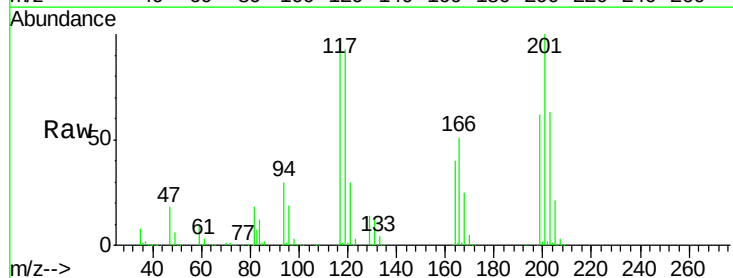
Instrument :
BNA_F
ClientSampleId :
ICVBF121716

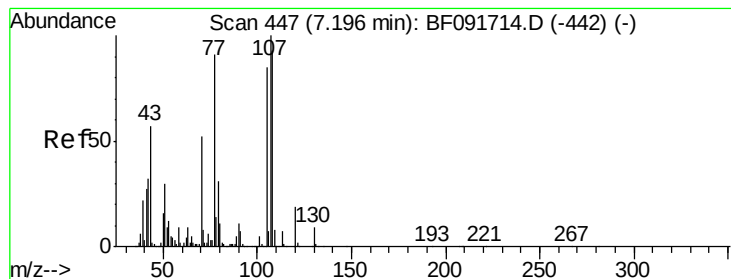
Tgt Ion:	107	Resp:	682664
Ion	Ratio	Lower	Upper
107	100		
108	115.4	93.0	139.6
77	49.3	39.8	59.8
79	47.7	38.0	57.0



#18
Hexachloroethane
Concen: 39.46 ng
RT: 7.29 min Scan# 455
Delta R.T. 0.00 min
Lab File: BF091718.D
Acq: 17 Dec 2016 16:39

Tgt Ion:	117	Resp:	358372
Ion	Ratio	Lower	Upper
117	100		
119	96.4	78.1	117.1
201	103.3	78.6	117.8





#19

n-Nitroso-di-n-propylamine

Concen: 35.74 ng

RT: 7.20 min Scan# 447

Delta R.T. 0.00 min

Lab File: BF091718.D

Acq: 17 Dec 2016 16:39

Instrument :

BNA_F

ClientSampleId :

ICVBF121716

Tgt Ion: 70 Resp: 579325

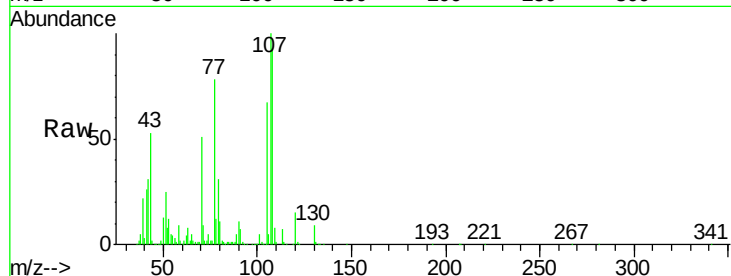
Ion Ratio Lower Upper

70 100

42 61.6 49.4 74.0

101 9.1 7.4 11.2

130 18.0 14.2 21.4

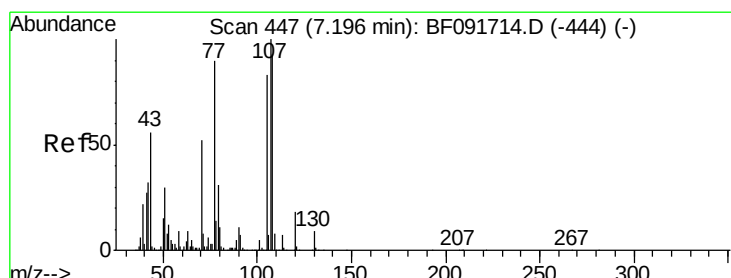
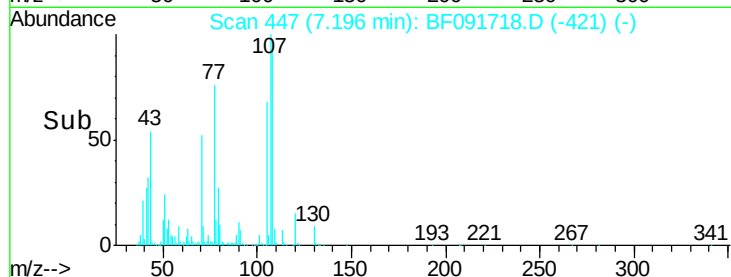
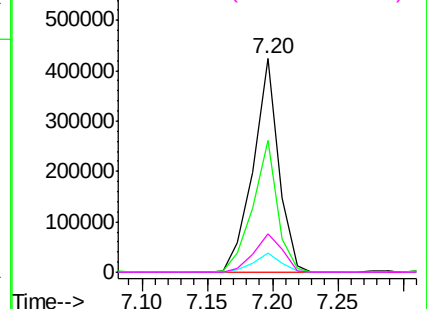


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 38.81 ng

RT: 7.20 min Scan# 447

Delta R.T. 0.00 min

Lab File: BF091718.D

Acq: 17 Dec 2016 16:39

Tgt Ion: 107 Resp: 795832

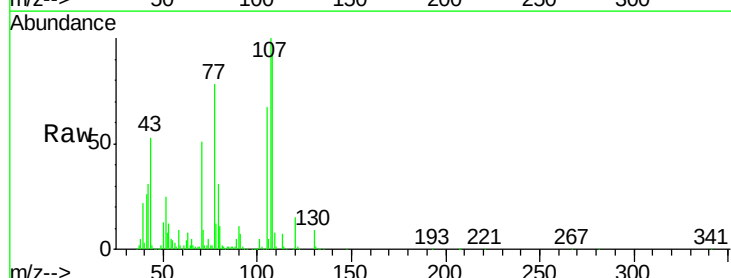
Ion Ratio Lower Upper

107 100

108 93.0 73.0 113.0

77 77.8 71.3 111.3

79 31.1 11.1 51.1

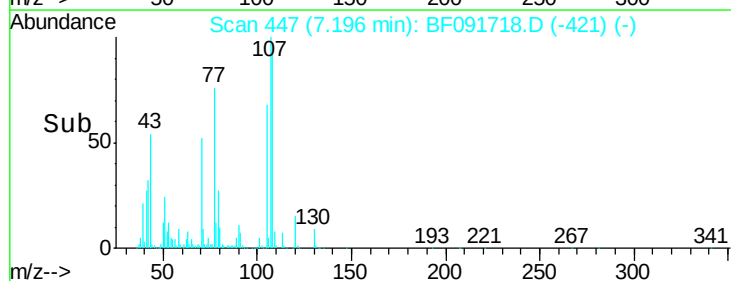
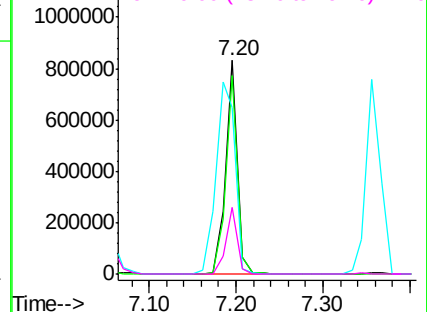


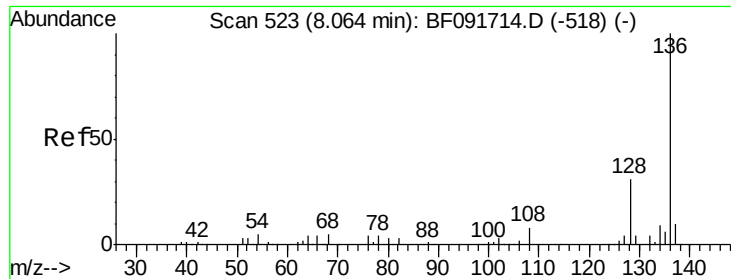
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

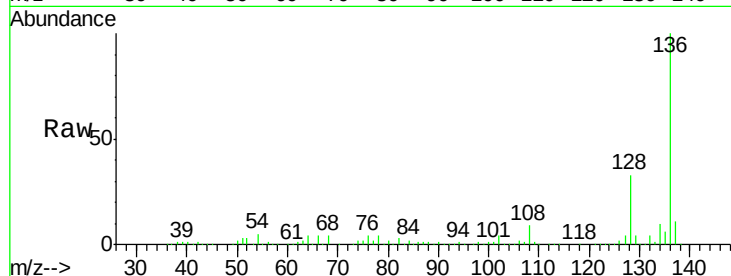




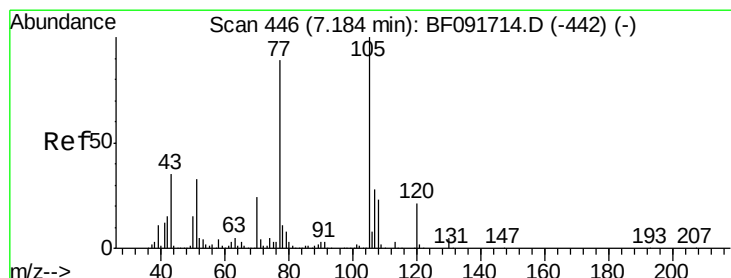
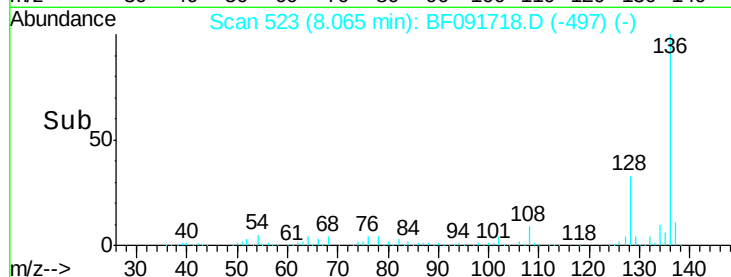
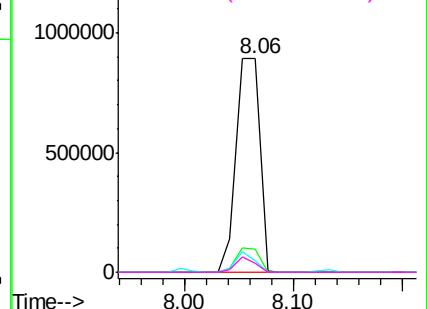
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 523
Delta R.T. 0.00 min
Lab File: BF091718.D
Acq: 17 Dec 2016 16:39

Instrument :
BNA_F
ClientSampleId :
ICVBF121716

Tgt Ion:136 Resp: 1328878
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 5.3 4.5 6.7
68 4.4 3.6 5.4

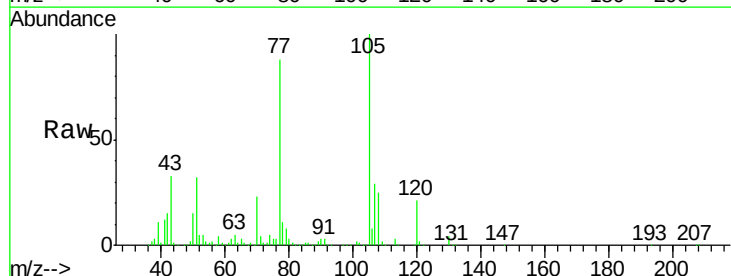


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

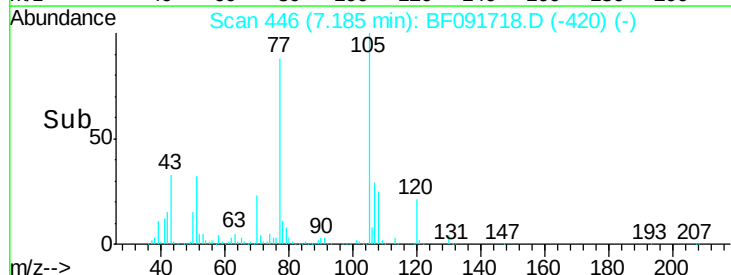
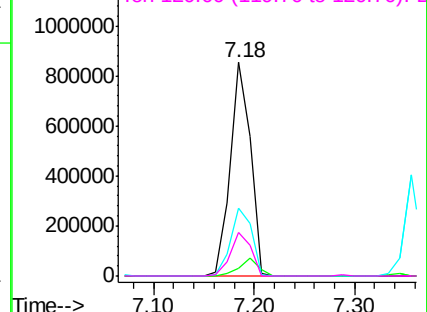


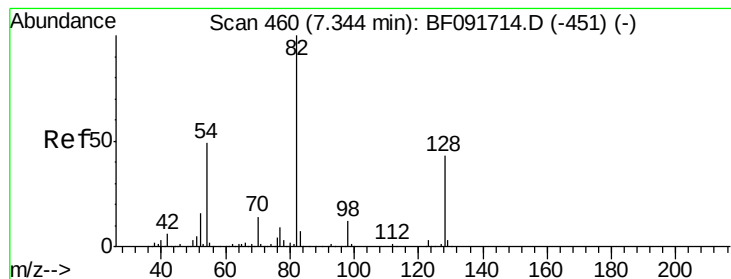
#22
Acetophenone
Concen: 37.02 ng
RT: 7.18 min Scan# 446
Delta R.T. 0.00 min
Lab File: BF091718.D
Acq: 17 Dec 2016 16:39

Tgt Ion:105 Resp: 1187932
Ion Ratio Lower Upper
105 100
71 3.9 3.2 4.8
51 31.9 26.2 39.4
120 20.5 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





#23

Nitrobenzene-d5

Concen: 82.74 ng

RT: 7.34 min Scan# 460

Delta R.T. 0.00 min

Lab File: BF091718.D

Acq: 17 Dec 2016 16:39

Instrument :

BNA_F

ClientSampleId :

ICVBF121716

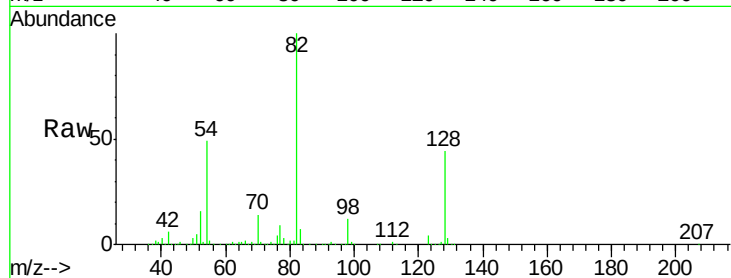
Tgt Ion: 82 Resp: 1906539

Ion	Ratio	Lower	Upper
82	100		
128	44.3	34.6	52.0
54	49.4	39.5	59.3

82 100

128 44.3 34.6 52.0

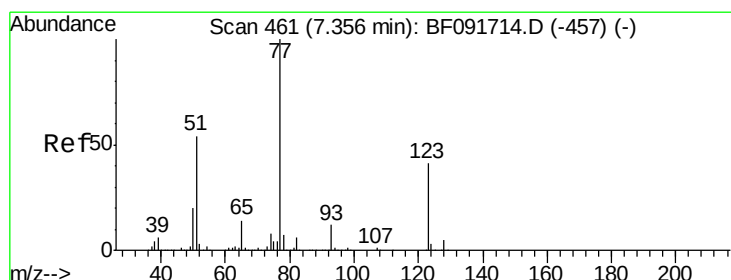
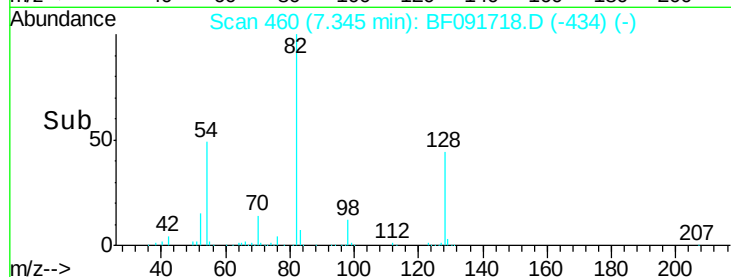
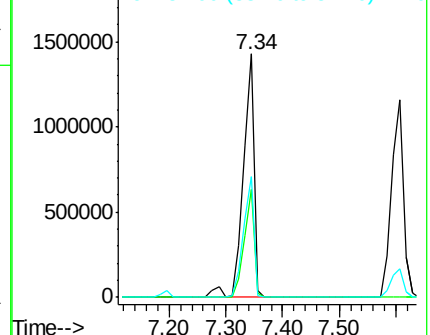
54 49.4 39.5 59.3



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: 35.02 ng

RT: 7.36 min Scan# 461

Delta R.T. 0.00 min

Lab File: BF091718.D

Acq: 17 Dec 2016 16:39

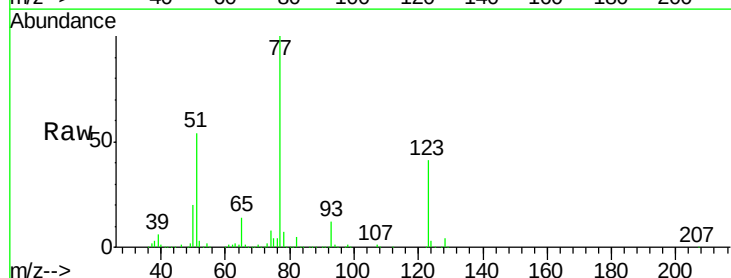
Tgt Ion: 77 Resp: 866486

Ion	Ratio	Lower	Upper
77	100		
123	41.4	33.0	49.4
65	14.0	11.2	16.8

77 100

123 41.4 33.0 49.4

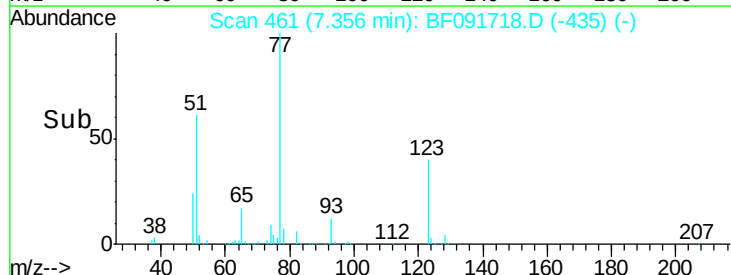
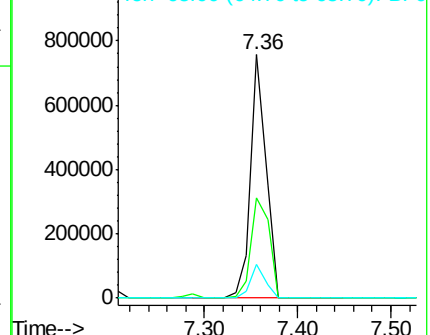
65 14.0 11.2 16.8

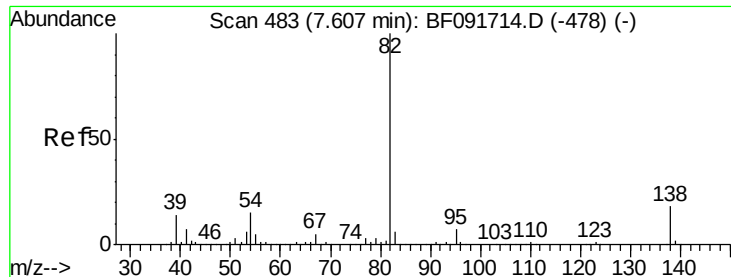


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 39.17 ng

RT: 7.61 min Scan# 483

Delta R.T. 0.00 min

Lab File: BF091718.D

Acq: 17 Dec 2016 16:39

Instrument :

BNA_F

ClientSampleId :

ICVBF121716

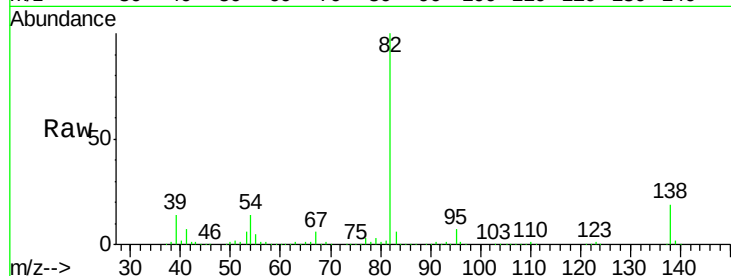
Tgt Ion: 82 Resp: 1722120

Ion Ratio Lower Upper

82 100

95 7.0 5.6 8.4

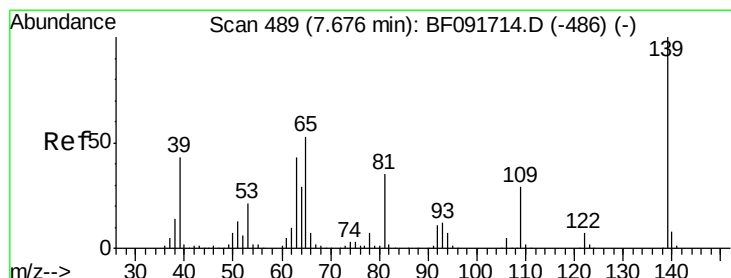
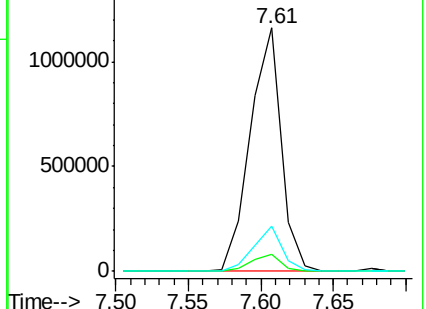
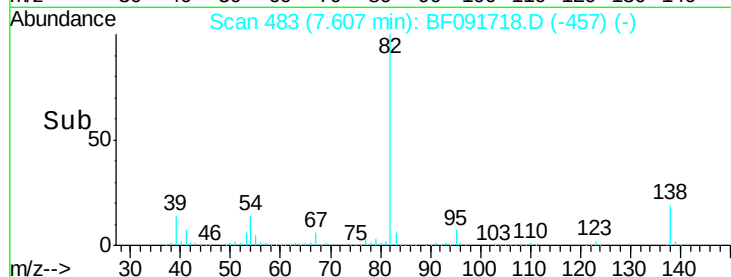
138 18.6 14.6 22.0



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: 39.83 ng

RT: 7.68 min Scan# 489

Delta R.T. 0.00 min

Lab File: BF091718.D

Acq: 17 Dec 2016 16:39

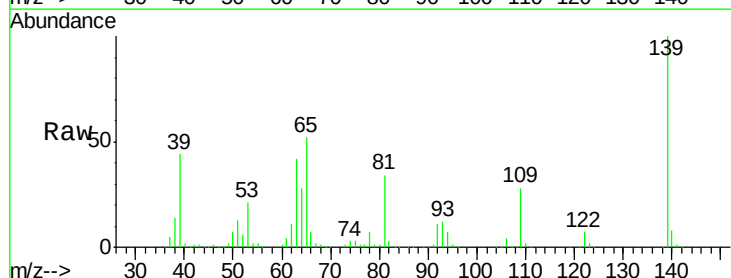
Tgt Ion: 139 Resp: 475466

Ion Ratio Lower Upper

139 100

109 28.5 23.3 34.9

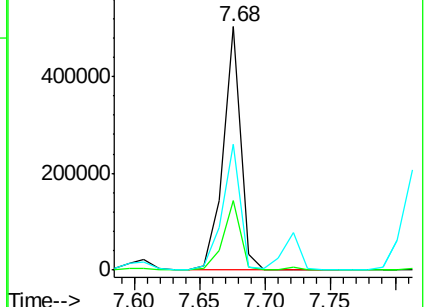
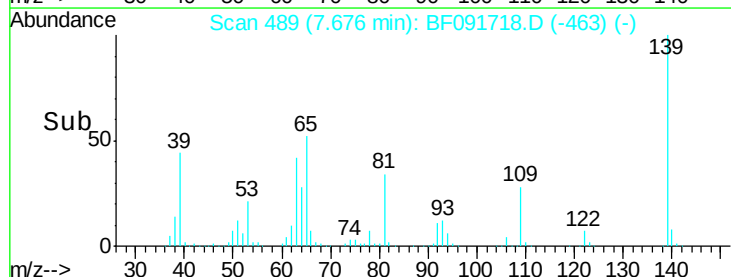
65 51.7 42.7 64.1

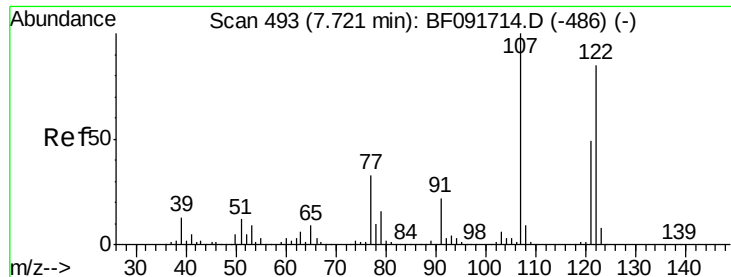


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 38.50 ng

RT: 7.72 min Scan# 493

Delta R.T. 0.00 min

Lab File: BF091718.D

Acq: 17 Dec 2016 16:39

Instrument :

BNA_F

ClientSampleId :

ICVBF121716

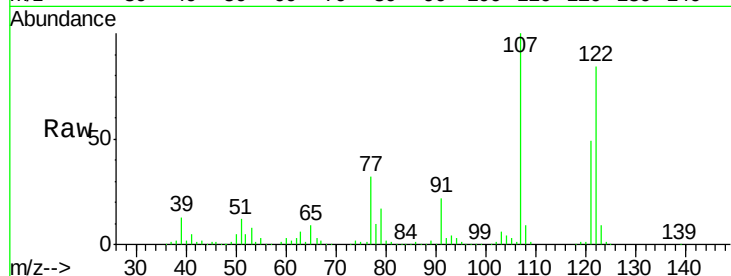
Tgt Ion:122 Resp: 749747

Ion Ratio Lower Upper

122 100

107 118.4 94.1 141.1

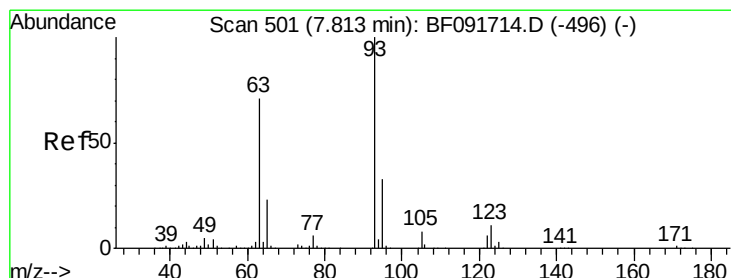
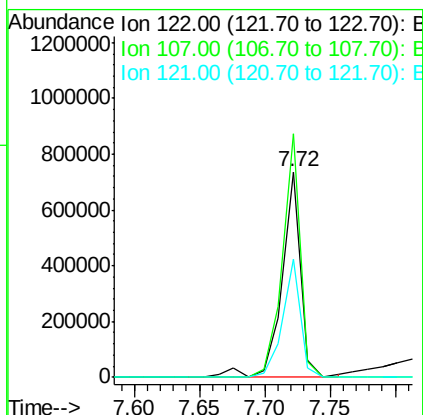
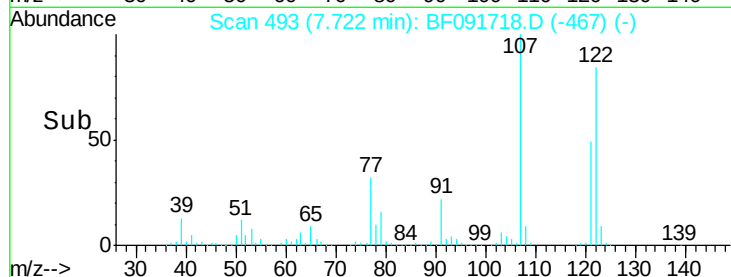
121 57.7 46.0 69.0



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: 37.26 ng

RT: 7.81 min Scan# 501

Delta R.T. 0.00 min

Lab File: BF091718.D

Acq: 17 Dec 2016 16:39

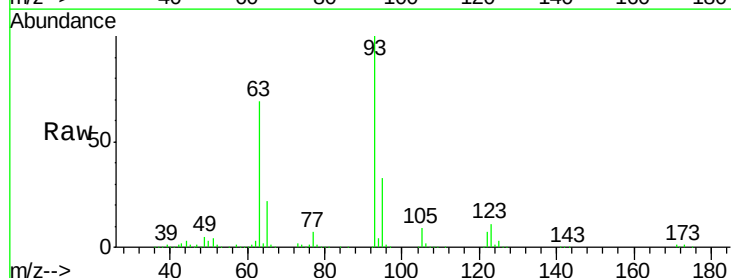
Tgt Ion: 93 Resp: 958584

Ion Ratio Lower Upper

93 100

95 33.4 26.5 39.7

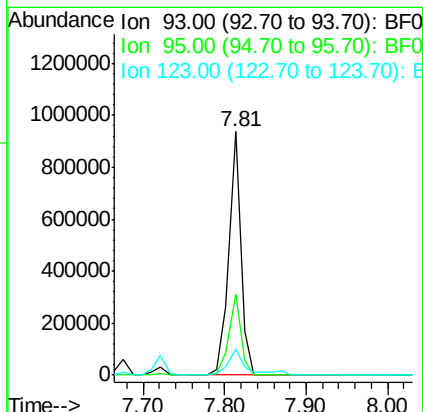
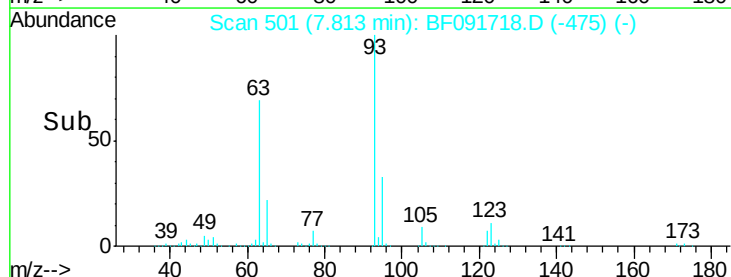
123 10.9 8.6 13.0

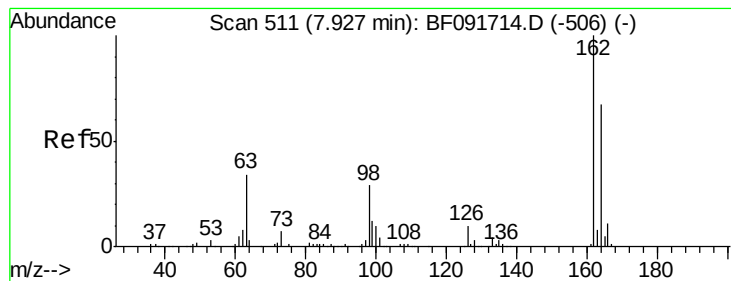


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 37.24 ng

RT: 7.92 min Scan# 510

Delta R.T. -0.01 min

Lab File: BF091718.D

Acq: 17 Dec 2016 16:39

Instrument :

BNA_F

ClientSampleId :

ICVBF121716

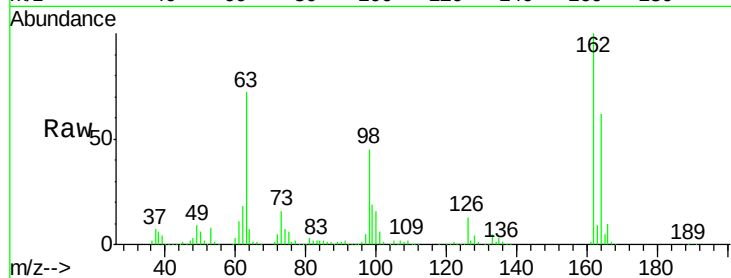
Tgt Ion:162 Resp: 668839

Ion Ratio Lower Upper

162 100

164 62.4 46.8 86.8

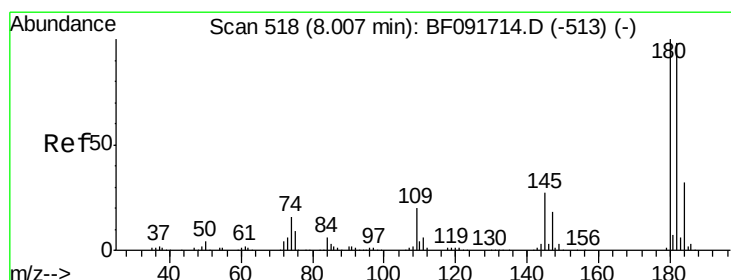
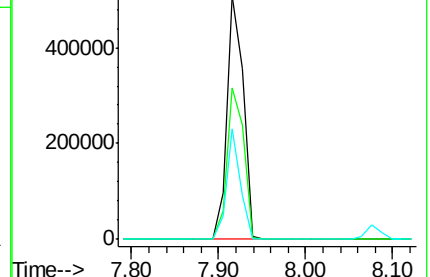
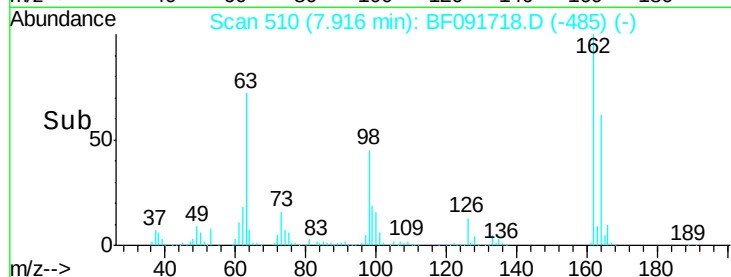
98 45.5 9.1 49.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 38.81 ng

RT: 8.00 min Scan# 517

Delta R.T. -0.01 min

Lab File: BF091718.D

Acq: 17 Dec 2016 16:39

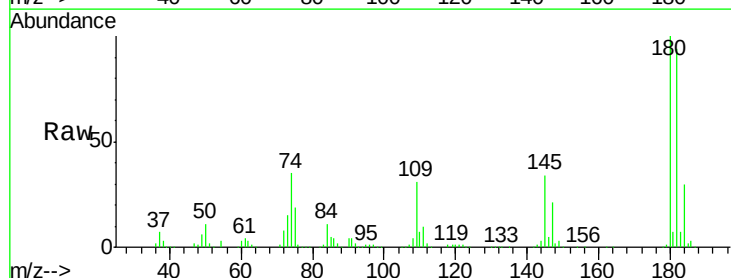
Tgt Ion:180 Resp: 755501

Ion Ratio Lower Upper

180 100

182 94.2 78.2 117.4

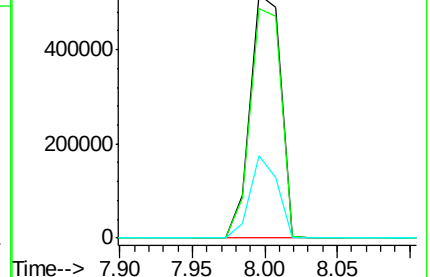
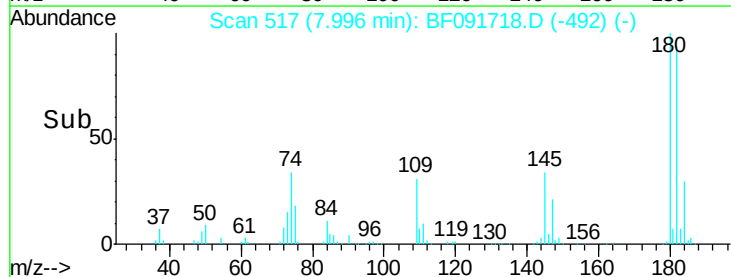
145 33.7 21.6 32.4#

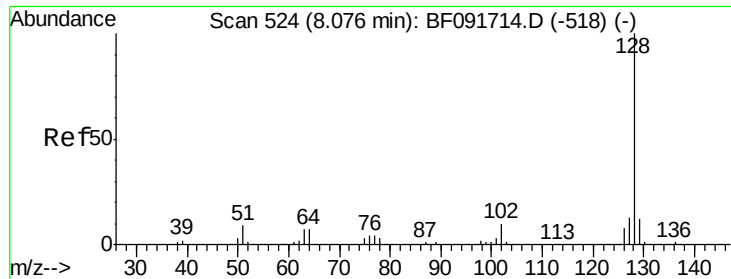


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

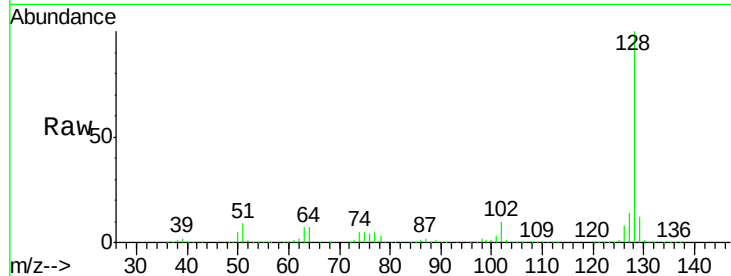




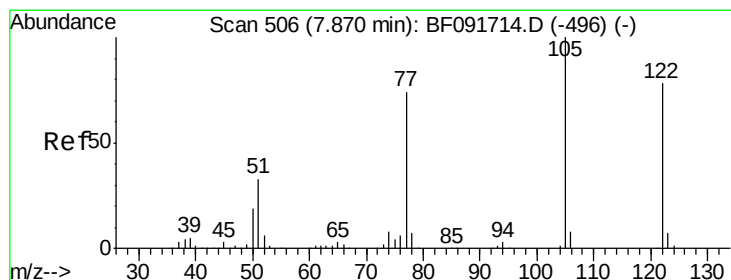
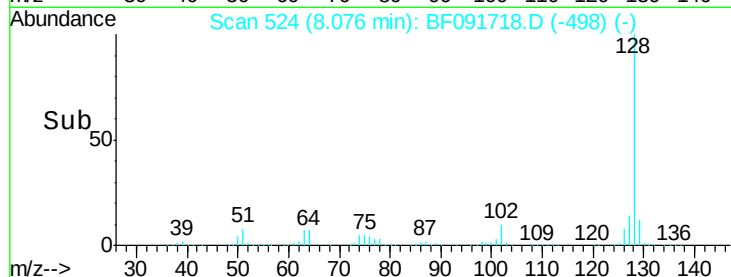
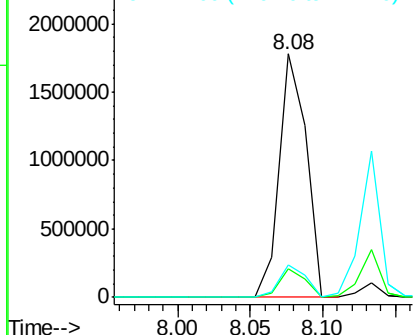
#31
Naphthalene
Concen: 36.15 ng
RT: 8.08 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF091718.D
Acq: 17 Dec 2016 16:39

Instrument :
BNA_F
ClientSampleId :
ICVBF121716

Tgt Ion:128 Resp: 2295007
Ion Ratio Lower Upper
128 100
129 11.8 9.5 14.3
127 13.6 10.8 16.2

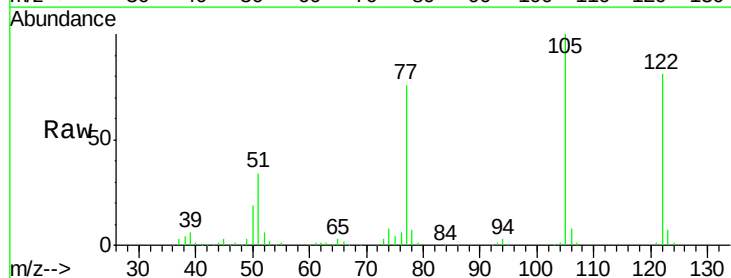


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

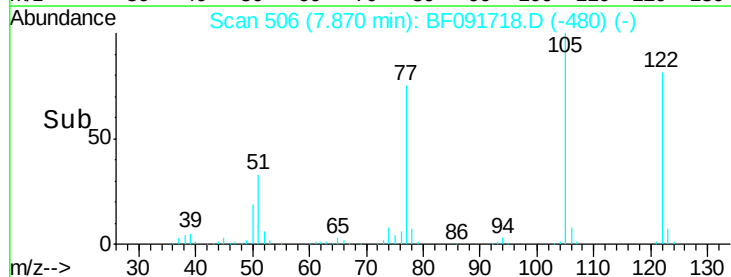
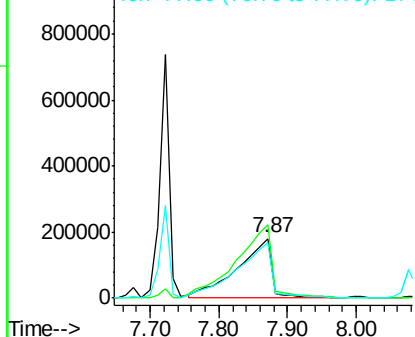


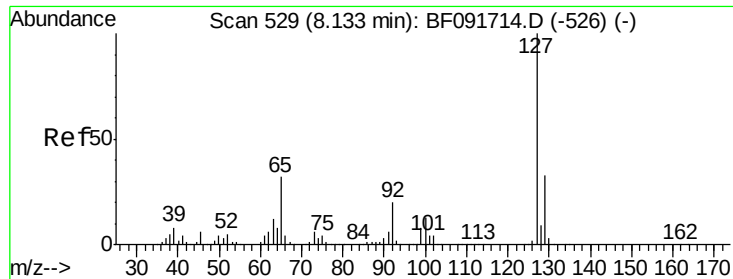
#32
Benzoic acid
Concen: 43.88 ng
RT: 7.87 min Scan# 506
Delta R.T. 0.00 min
Lab File: BF091718.D
Acq: 17 Dec 2016 16:39

Tgt Ion:122 Resp: 608910
Ion Ratio Lower Upper
122 100
105 124.1 107.2 147.2
77 93.8 74.5 114.5



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

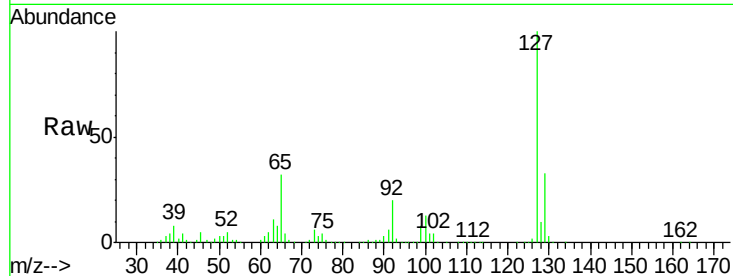




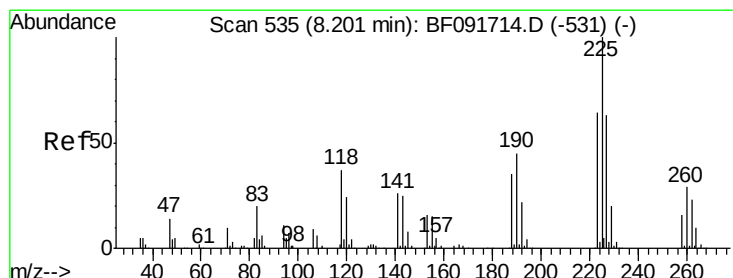
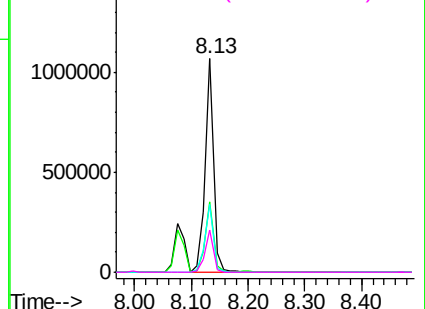
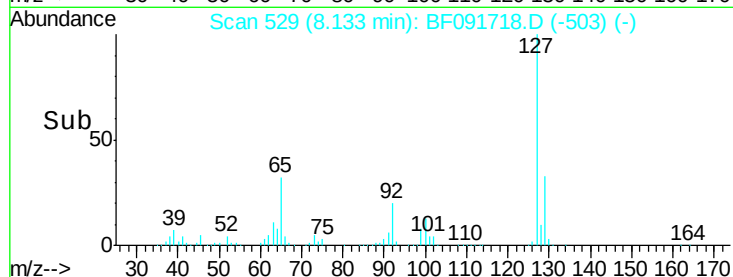
#33
4-Chloroaniline
Concen: 39.31 ng
RT: 8.13 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF091718.D
Acq: 17 Dec 2016 16:39

Instrument :
BNA_F
ClientSampleId :
ICVBF121716

Tgt Ion:	127	Resp:	1051345
Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.3	39.5
65	32.0	25.8	38.8
92	19.7	16.1	24.1

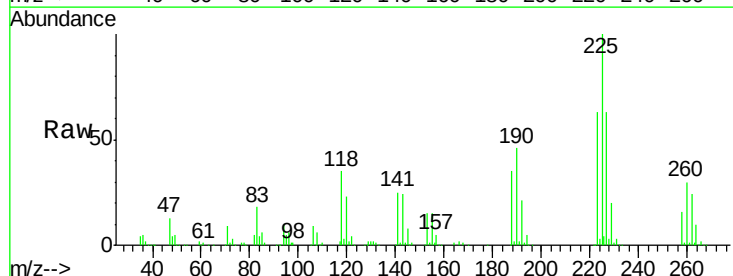


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

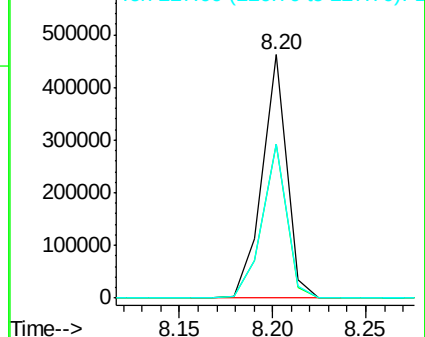
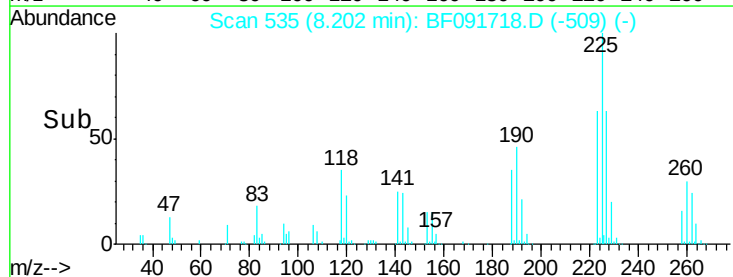


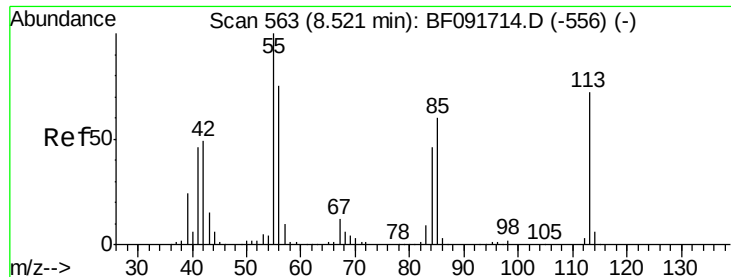
#34
Hexachlorobutadiene
Concen: 38.42 ng
RT: 8.20 min Scan# 535
Delta R.T. 0.00 min
Lab File: BF091718.D
Acq: 17 Dec 2016 16:39

Tgt Ion:	225	Resp:	420512
Ion	Ratio	Lower	Upper
225	100		
223	63.2	51.0	76.6
227	63.3	50.6	76.0



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

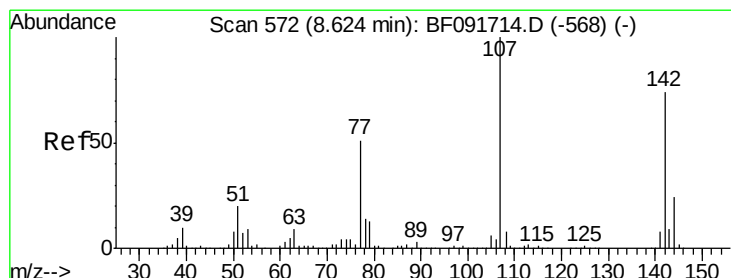
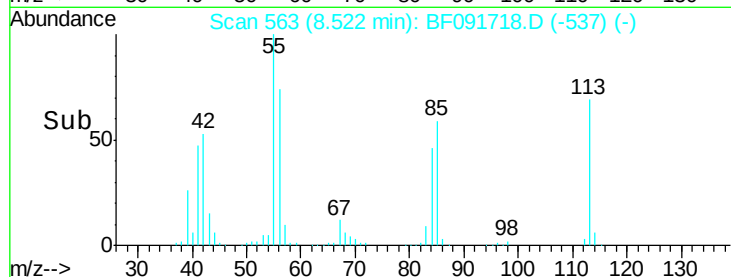
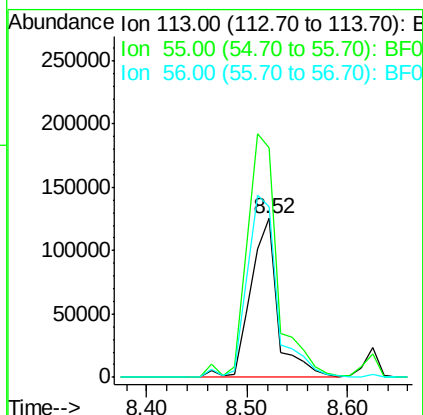
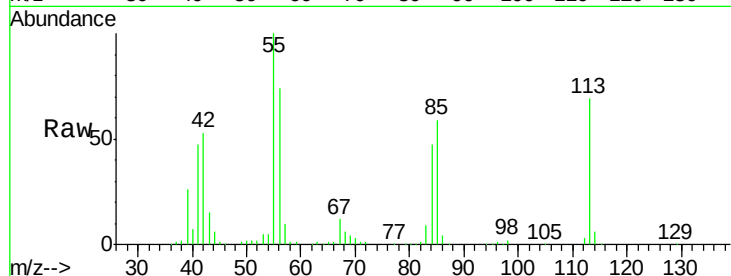




#35
 Caprolactam
 Concen: 40.79 ng
 RT: 8.52 min Scan# 563
 Delta R.T. 0.00 min
 Lab File: BF091718.D
 Acq: 17 Dec 2016 16:39

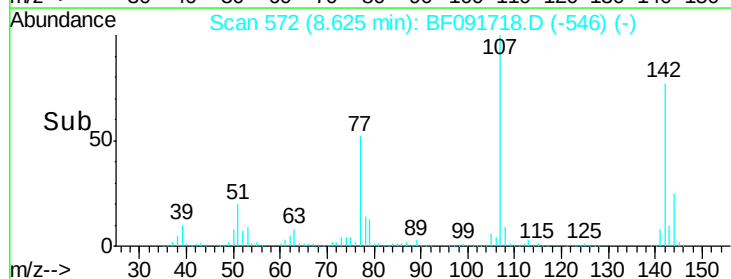
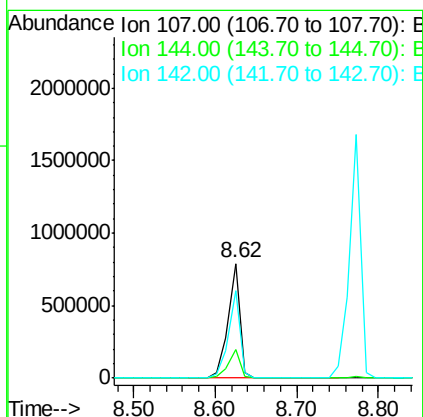
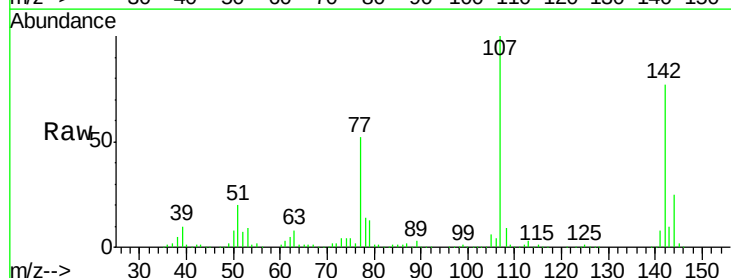
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF121716

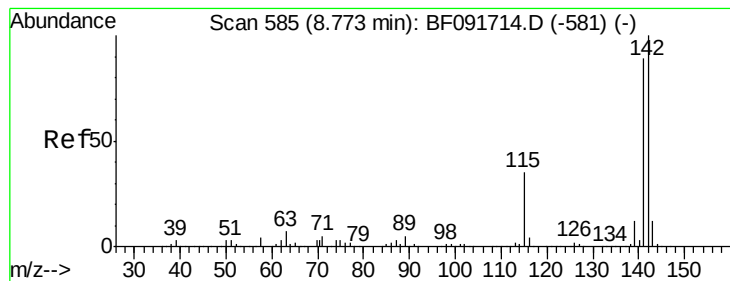
Tgt Ion:113 Resp: 235737
 Ion Ratio Lower Upper
 113 100
 55 144.2 119.2 159.2
 56 107.2 83.8 123.8



#36
 4-Chloro-3-methylphenol
 Concen: 39.91 ng
 RT: 8.62 min Scan# 572
 Delta R.T. 0.00 min
 Lab File: BF091718.D
 Acq: 17 Dec 2016 16:39

Tgt Ion:107 Resp: 790834
 Ion Ratio Lower Upper
 107 100
 144 25.4 19.3 28.9
 142 76.8 59.0 88.6





#37

2-Methylnaphthalene

Concen: 40.42 ng

RT: 8.77 min Scan# 585

Delta R.T. 0.00 min

Lab File: BF091718.D

Acq: 17 Dec 2016 16:39

Instrument :

BNA_F

ClientSampleId :

ICVBF121716

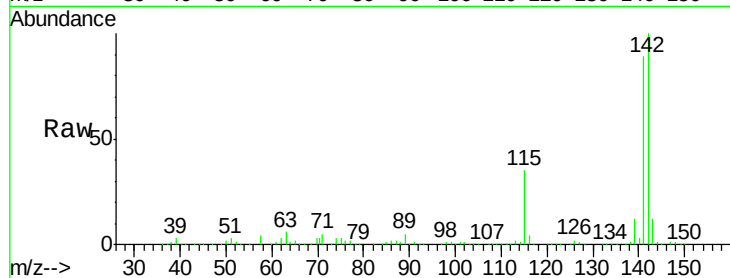
Tgt Ion:142 Resp: 1617919

Ion Ratio Lower Upper

142 100

141 88.8 71.0 106.6

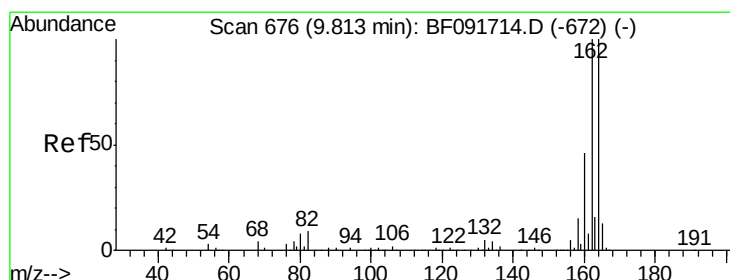
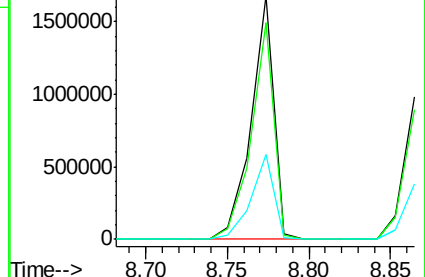
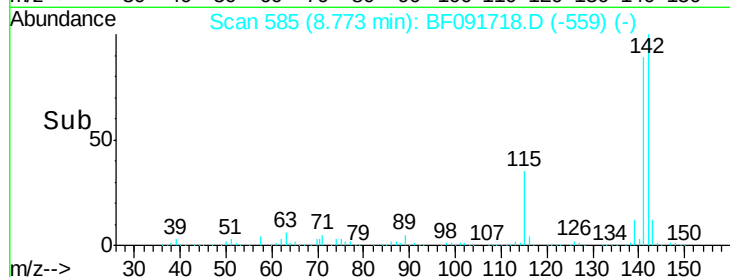
115 34.7 28.3 42.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.81 min Scan# 676

Delta R.T. 0.00 min

Lab File: BF091718.D

Acq: 17 Dec 2016 16:39

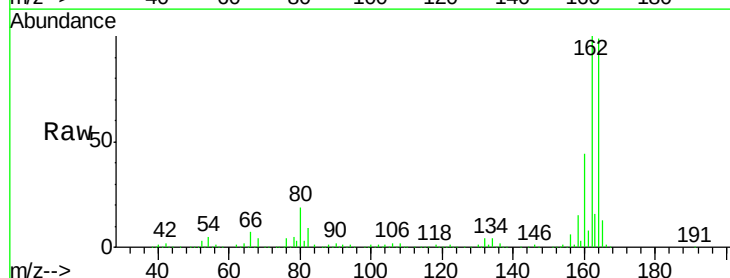
Tgt Ion:164 Resp: 719157

Ion Ratio Lower Upper

164 100

162 101.1 80.2 120.2

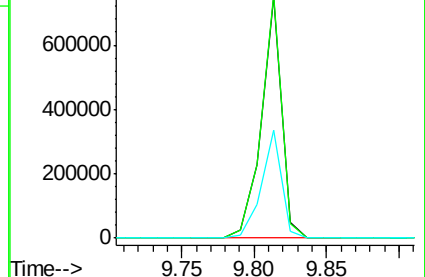
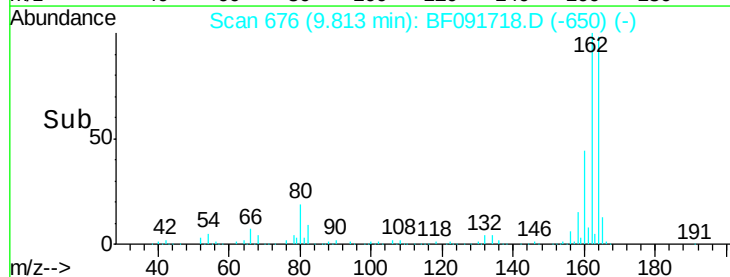
160 44.9 36.9 55.3

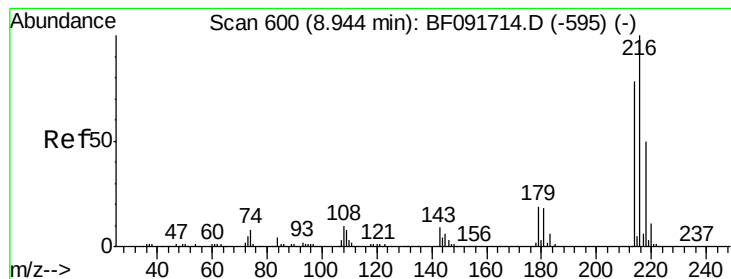


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.21 ng

RT: 8.94 min Scan# 600

Delta R.T. 0.00 min

Lab File: BF091718.D

Acq: 17 Dec 2016 16:39

Instrument :

BNA_F

ClientSampleId :

ICVBF121716

Tgt Ion:216 Resp: 667030

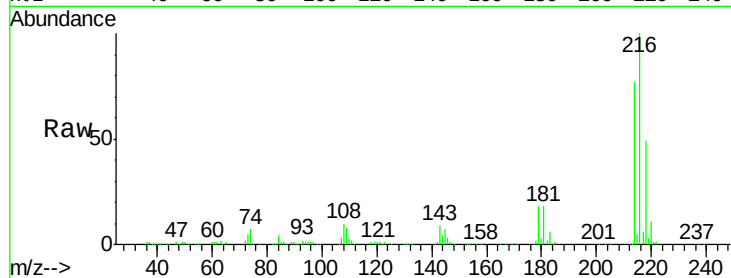
Ion Ratio Lower Upper

216 100

214 79.1 63.4 95.0

179 21.7 17.4 26.2

108 19.9 15.6 23.4

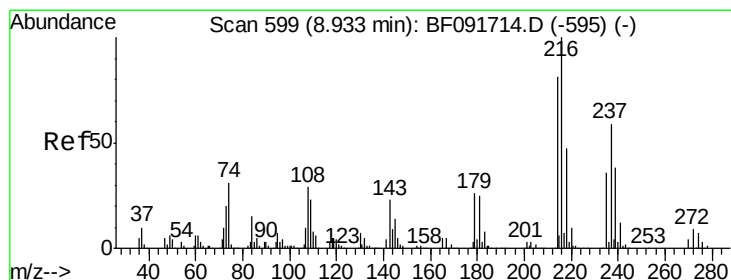
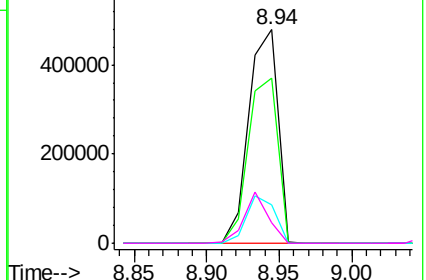
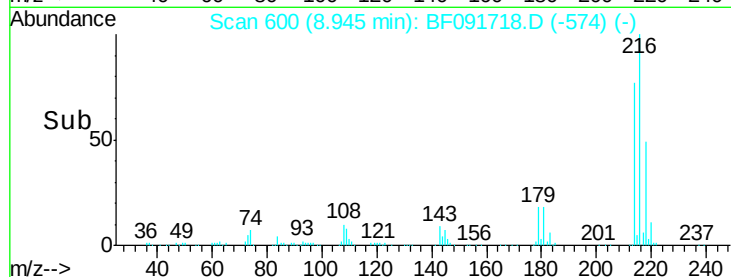


Abundance Ion 216.00 (215.70 to 216.70): E

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: 42.09 ng

RT: 8.92 min Scan# 598

Delta R.T. -0.01 min

Lab File: BF091718.D

Acq: 17 Dec 2016 16:39

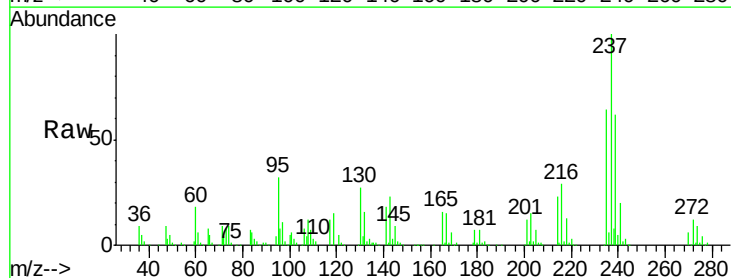
Tgt Ion:237 Resp: 319788

Ion Ratio Lower Upper

237 100

235 64.0 41.2 81.2

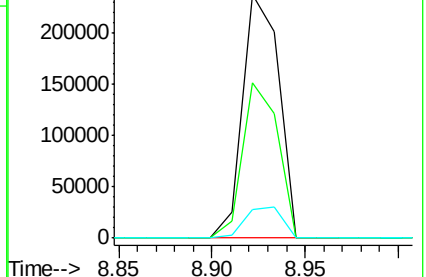
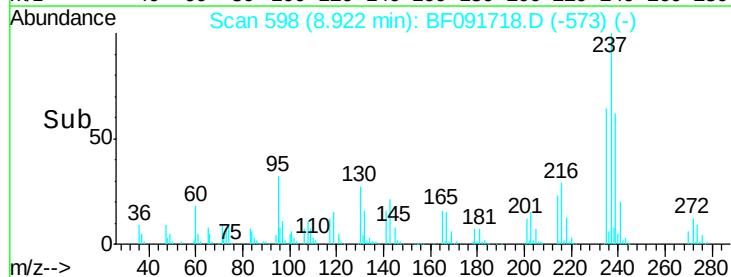
272 11.7 0.0 35.4

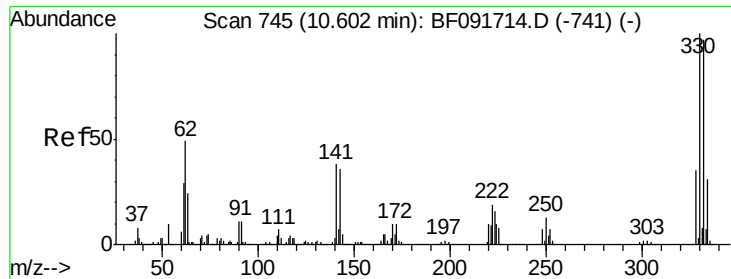


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

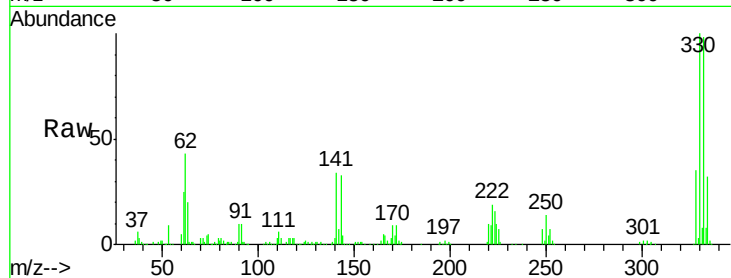




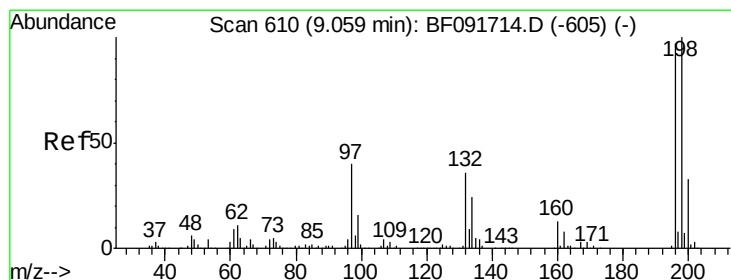
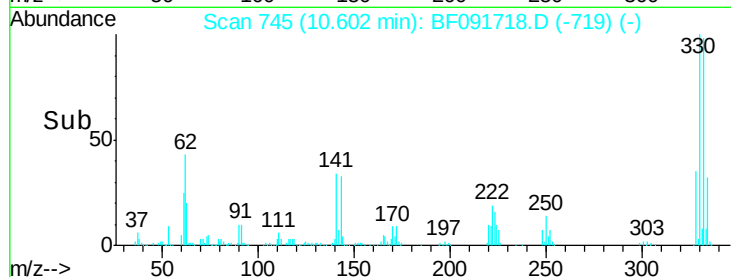
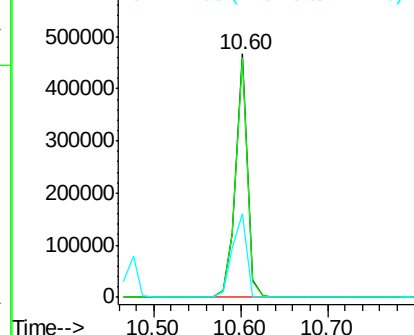
#41
 2,4,6-Tribromophenol
 Concen: 72.09 ng
 RT: 10.60 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF091718.D
 Acq: 17 Dec 2016 16:39

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF121716

Tgt Ion:330 Resp: 439641
 Ion Ratio Lower Upper
 330 100
 332 99.0 77.4 116.2
 141 42.0 34.1 51.1

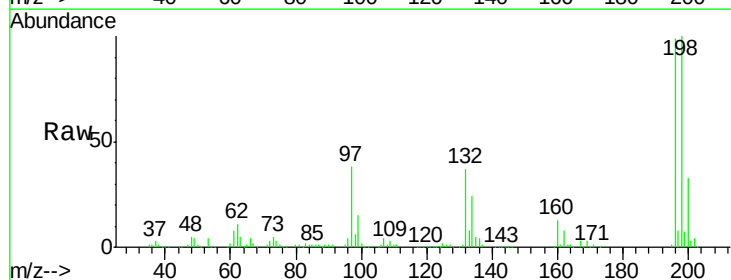


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

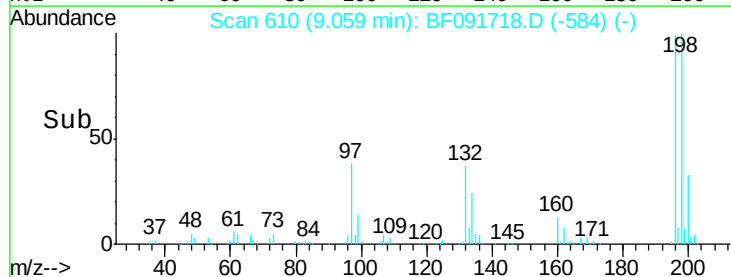
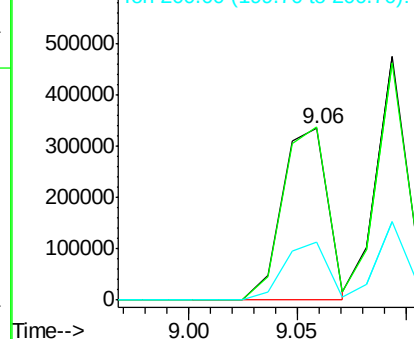


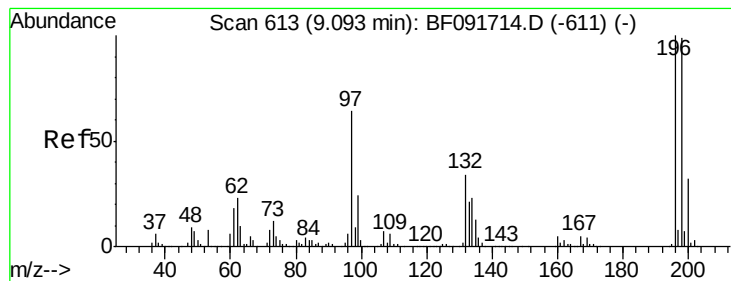
#42
 2,4,6-Trichlorophenol
 Concen: 38.07 ng
 RT: 9.06 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF091718.D
 Acq: 17 Dec 2016 16:39

Tgt Ion:196 Resp: 487552
 Ion Ratio Lower Upper
 196 100
 198 101.0 82.1 123.1
 200 33.7 27.0 40.4



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: 38.35 ng

RT: 9.09 min Scan# 613

Delta R.T. 0.00 min

Lab File: BF091718.D

Acq: 17 Dec 2016 16:39

Instrument :

BNA_F

ClientSampleId :

ICVBF121716

Tgt Ion:196 Resp: 482595

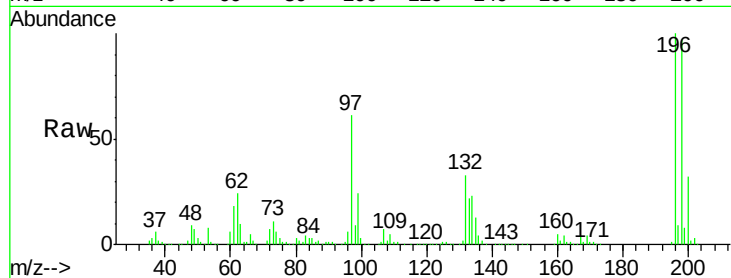
Ion Ratio Lower Upper

196 100

198 97.3 79.4 119.2

97 61.0 51.5 77.3

132 33.2 27.4 41.2

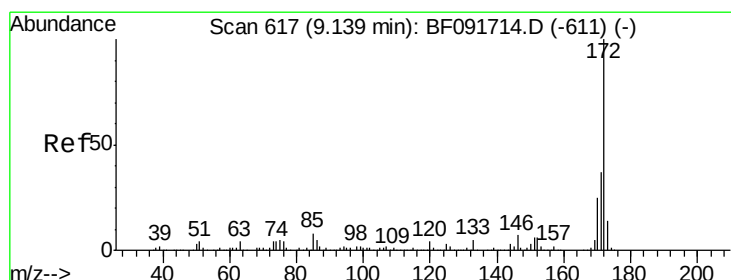
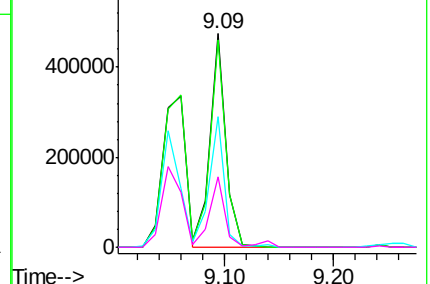
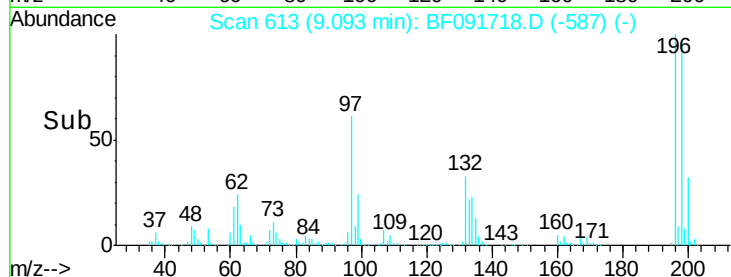


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44

2-Fluorobiphenyl

Concen: 76.55 ng

RT: 9.14 min Scan# 617

Delta R.T. 0.00 min

Lab File: BF091718.D

Acq: 17 Dec 2016 16:39

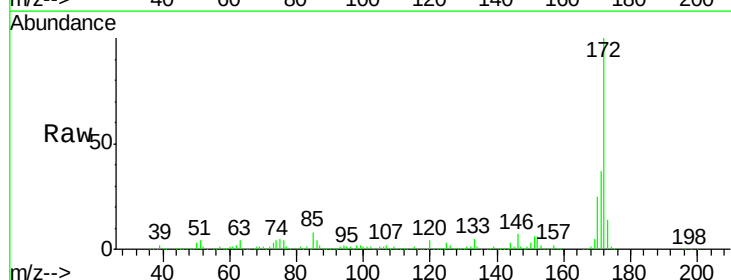
Tgt Ion:172 Resp: 2740067

Ion Ratio Lower Upper

172 100

171 37.1 29.4 44.0

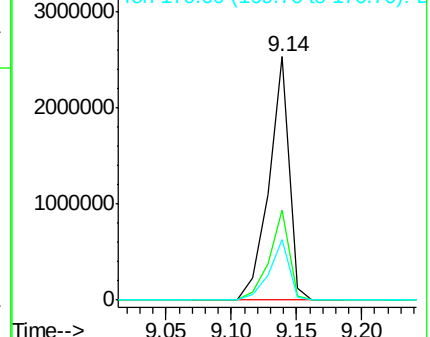
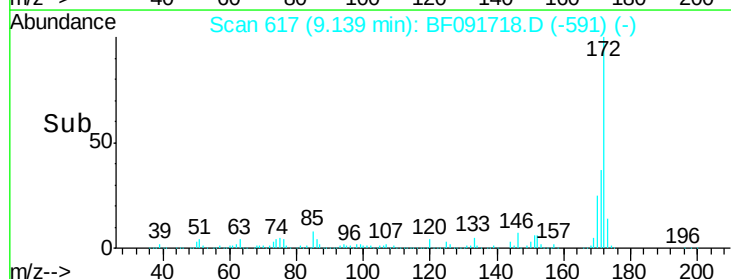
170 25.1 20.2 30.4

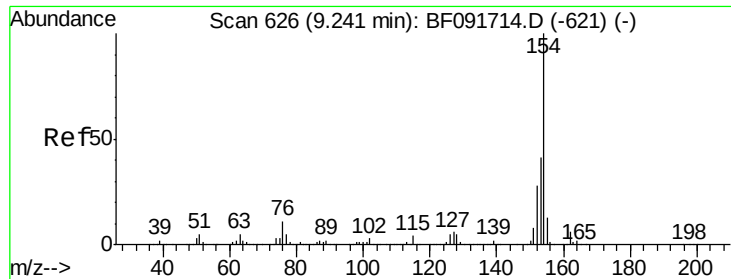


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

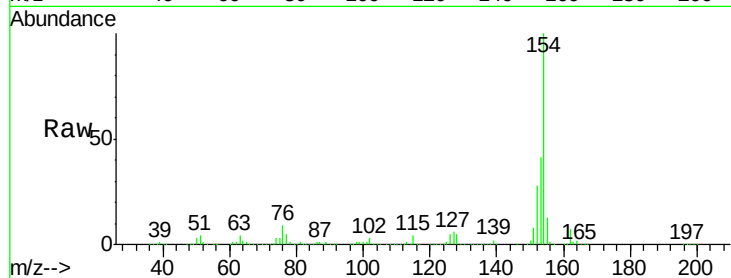




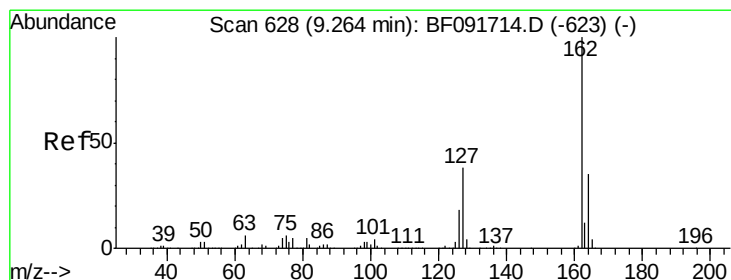
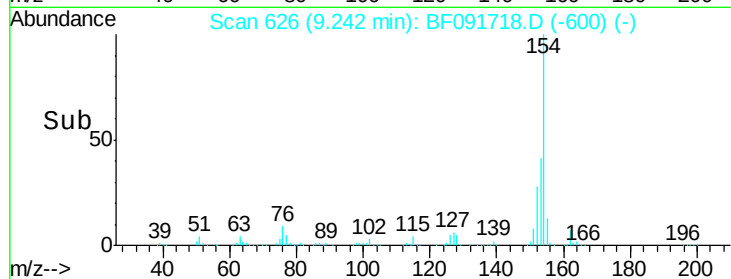
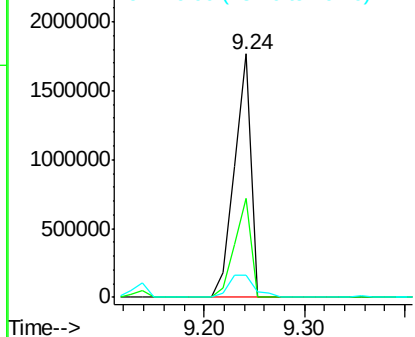
#45
 1,1'-Biphenyl
 Concen: 38.74 ng
 RT: 9.24 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: BF091718.D
 Acq: 17 Dec 2016 16:39

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF121716

Tgt Ion:154 Resp: 1996553
 Ion Ratio Lower Upper
 154 100
 153 40.6 20.9 60.9
 76 9.2 0.0 30.5

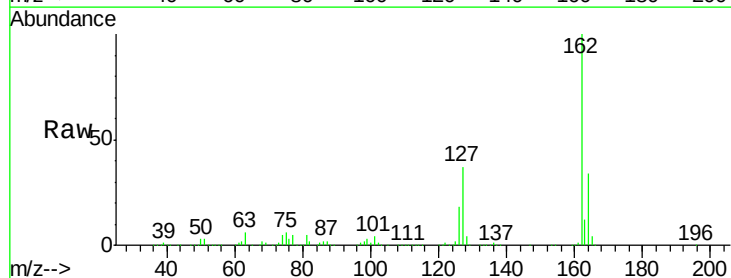


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

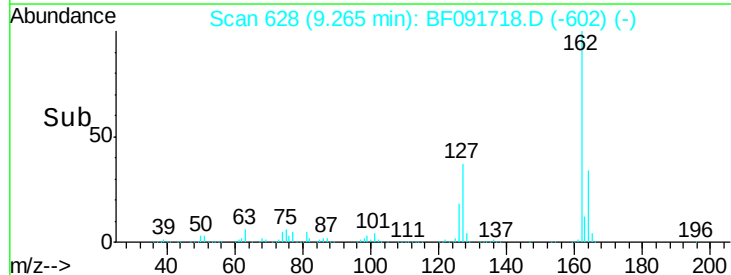
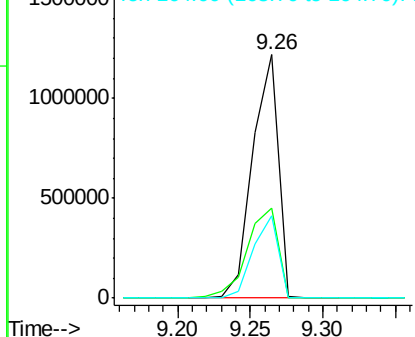


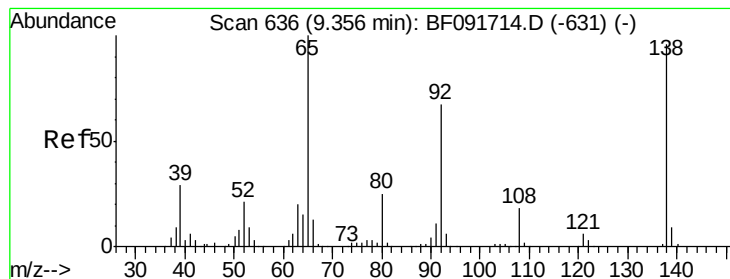
#46
 2-Chloronaphthalene
 Concen: 38.73 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF091718.D
 Acq: 17 Dec 2016 16:39

Tgt Ion:162 Resp: 1491945
 Ion Ratio Lower Upper
 162 100
 127 36.9 30.7 46.1
 164 33.9 27.6 41.4



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: 35.98 ng

RT: 9.36 min Scan# 636

Delta R.T. 0.00 min

Lab File: BF091718.D

Acq: 17 Dec 2016 16:39

Instrument :

BNA_F

ClientSampleId :

ICVBF121716

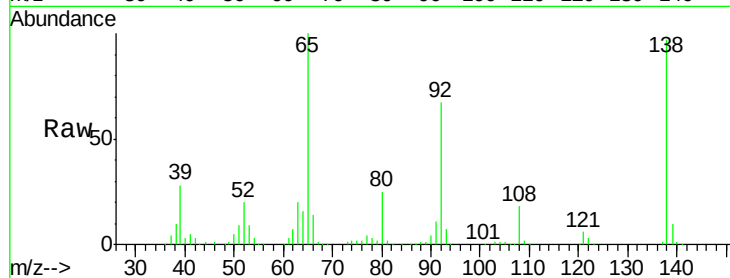
Tgt Ion: 65 Resp: 473164

Ion Ratio Lower Upper

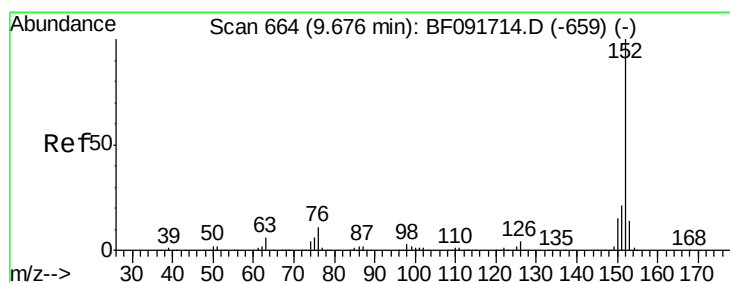
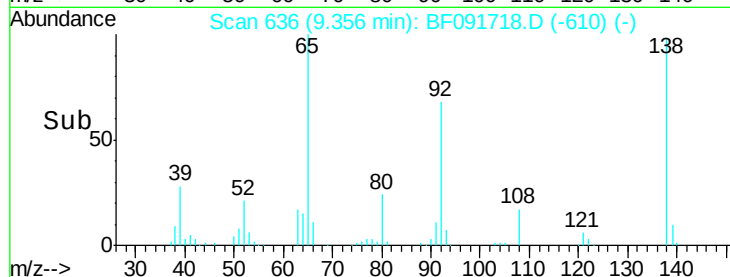
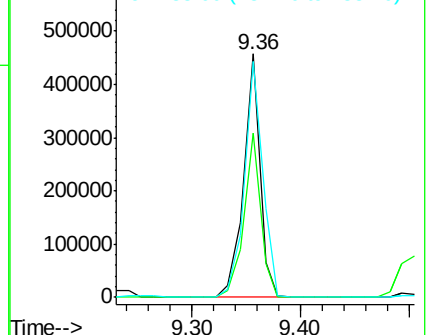
65 100

92 67.4 53.9 80.9

138 97.1 76.8 115.2



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



#48

Acenaphthylene

Concen: 38.39 ng

RT: 9.68 min Scan# 664

Delta R.T. 0.00 min

Lab File: BF091718.D

Acq: 17 Dec 2016 16:39

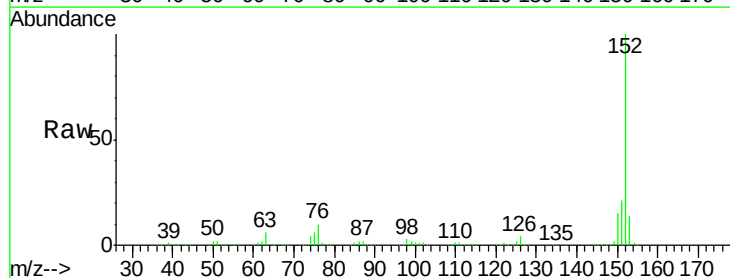
Tgt Ion: 152 Resp: 2291245

Ion Ratio Lower Upper

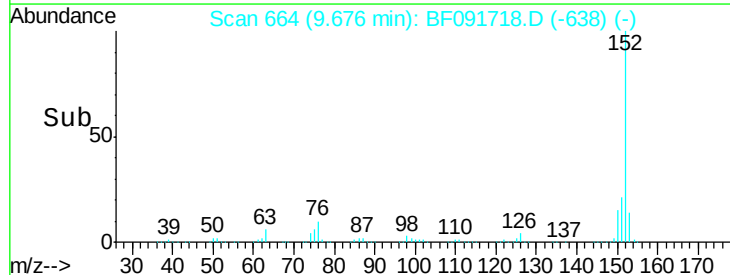
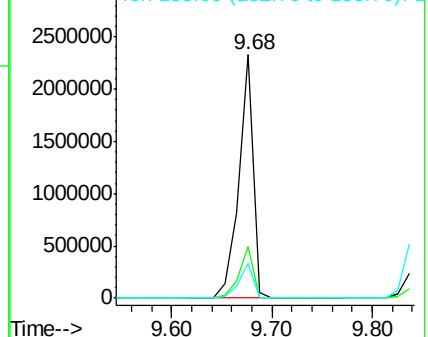
152 100

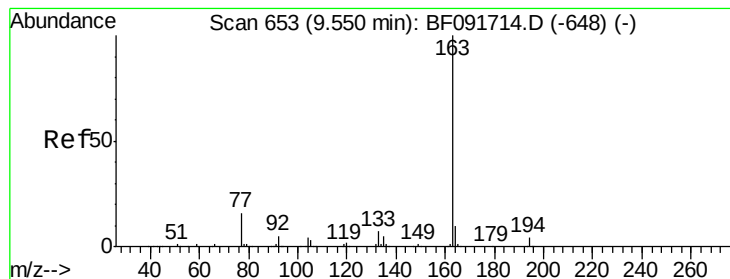
151 21.0 16.9 25.3

153 14.3 11.4 17.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 39.33 ng

RT: 9.55 min Scan# 653

Delta R.T. 0.00 min

Lab File: BF091718.D

Acq: 17 Dec 2016 16:39

Instrument :

BNA_F

ClientSampleId :

ICVBF121716

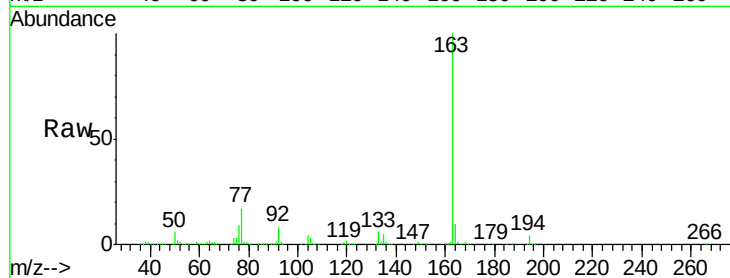
Tgt Ion:163 Resp: 1847774

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.4

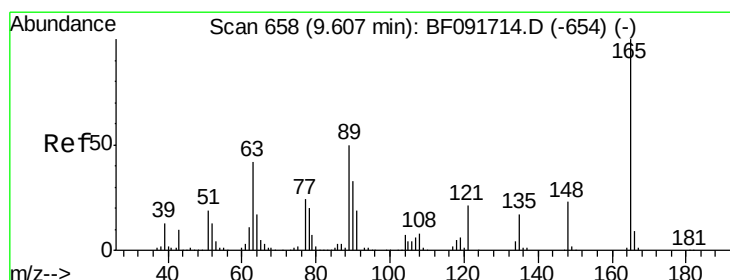
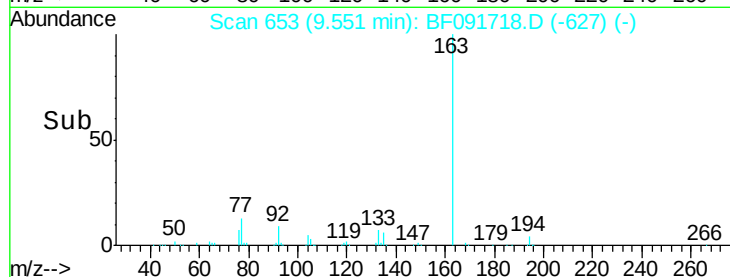
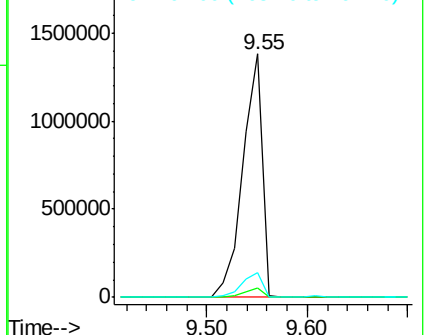
164 9.9 8.0 12.0



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: 42.21 ng

RT: 9.61 min Scan# 658

Delta R.T. 0.00 min

Lab File: BF091718.D

Acq: 17 Dec 2016 16:39

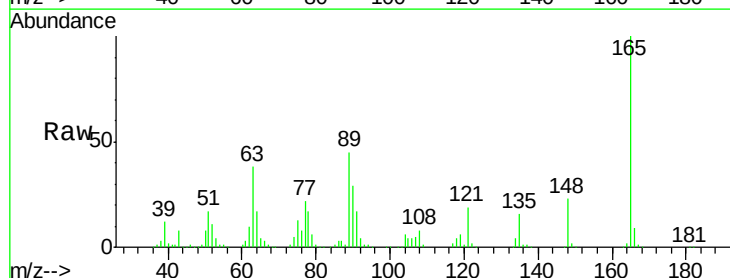
Tgt Ion:165 Resp: 434803

Ion Ratio Lower Upper

165 100

63 38.4 36.2 54.4

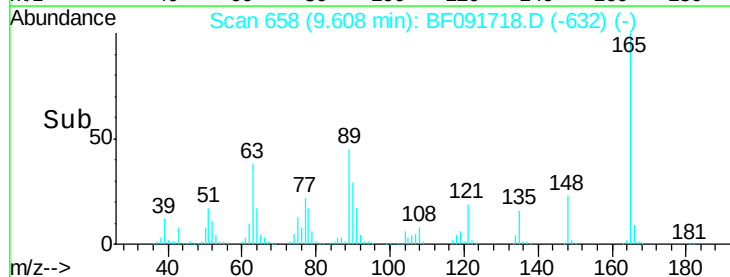
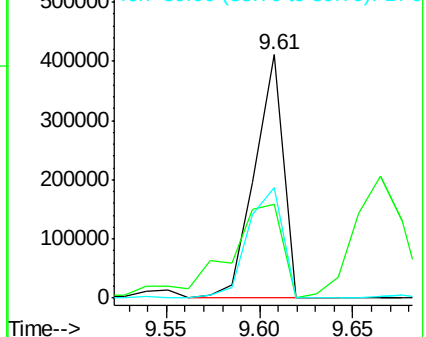
89 45.3 40.2 60.4

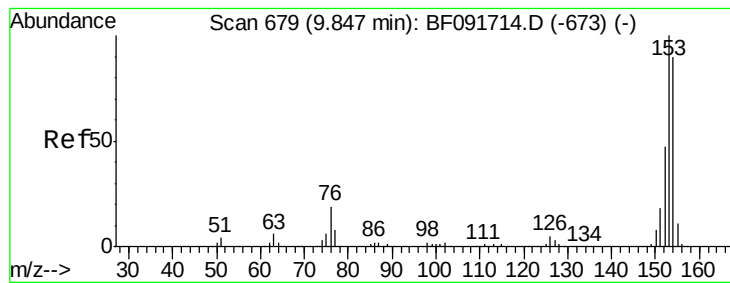


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.16 ng

RT: 9.85 min Scan# 679

Delta R.T. 0.00 min

Lab File: BF091718.D

Acq: 17 Dec 2016 16:39

Instrument :

BNA_F

ClientSampleId :

ICVBF121716

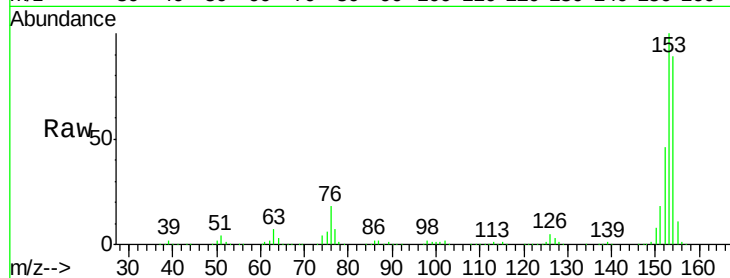
Tgt Ion:154 Resp: 1563313

Ion Ratio Lower Upper

154 100

153 112.1 88.6 133.0

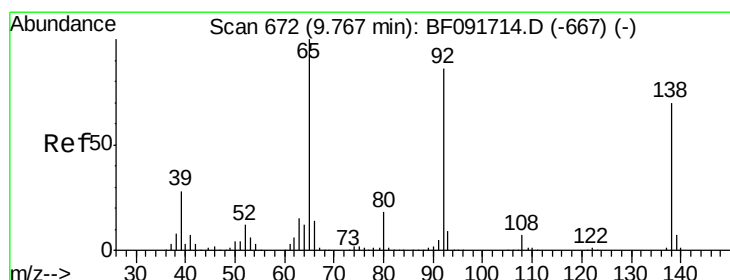
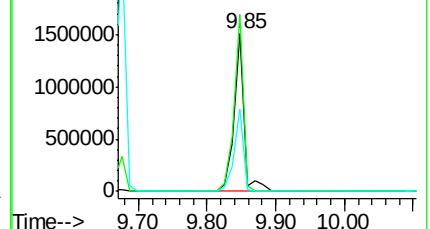
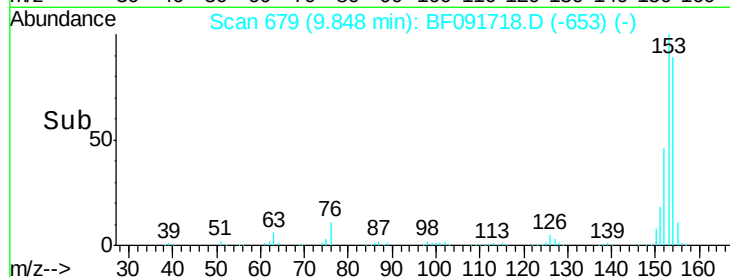
152 51.9 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 35.10 ng

RT: 9.77 min Scan# 672

Delta R.T. 0.00 min

Lab File: BF091718.D

Acq: 17 Dec 2016 16:39

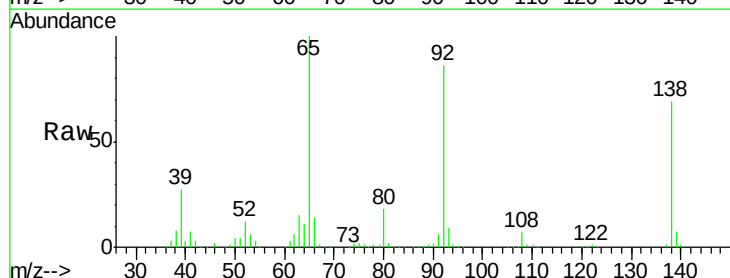
Tgt Ion:138 Resp: 450071

Ion Ratio Lower Upper

138 100

108 10.7 8.5 12.7

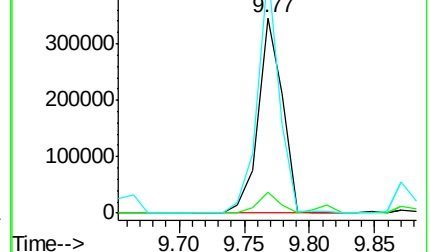
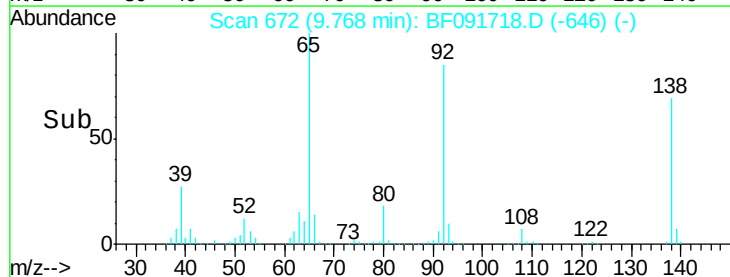
92 124.5 97.8 146.8

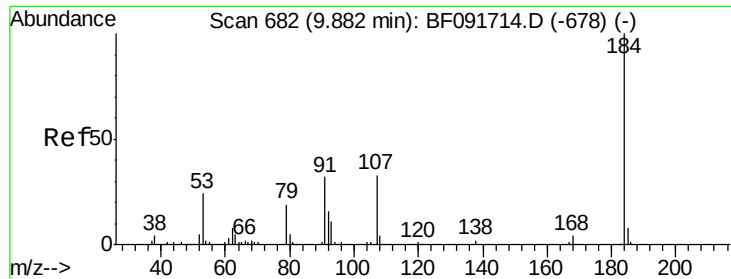


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

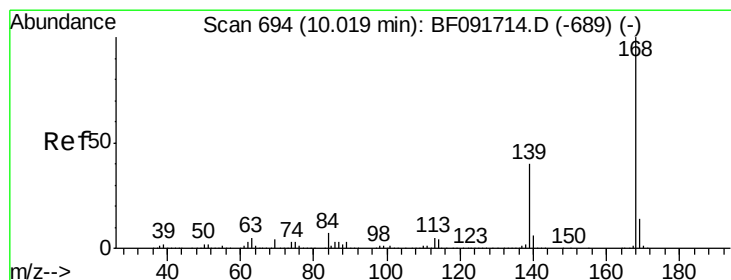
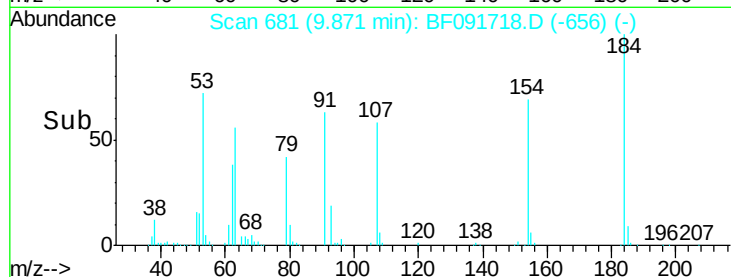
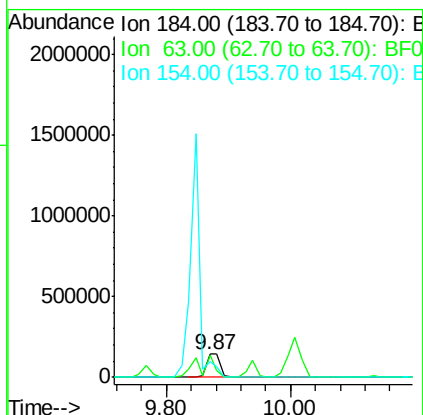
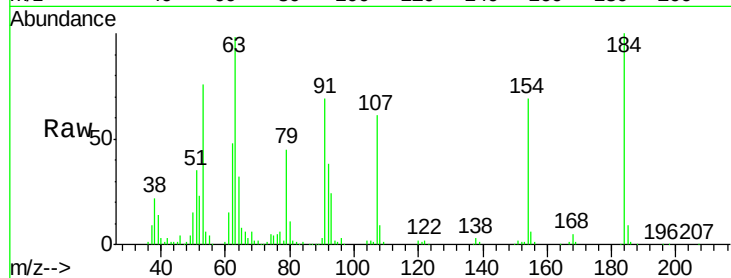




#53
2,4-Dinitrophenol
Concen: 39.69 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF091718.D
Acq: 17 Dec 2016 16:39

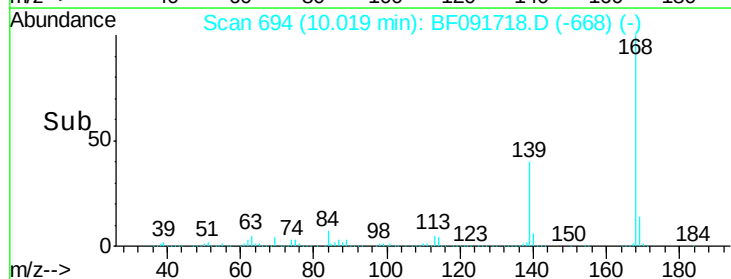
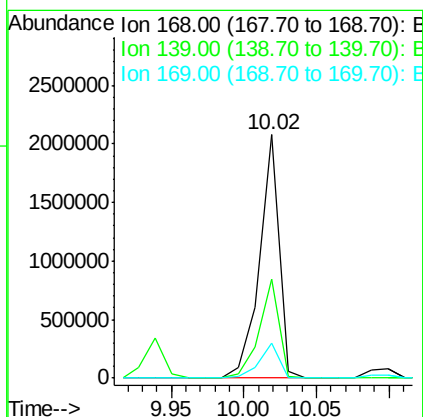
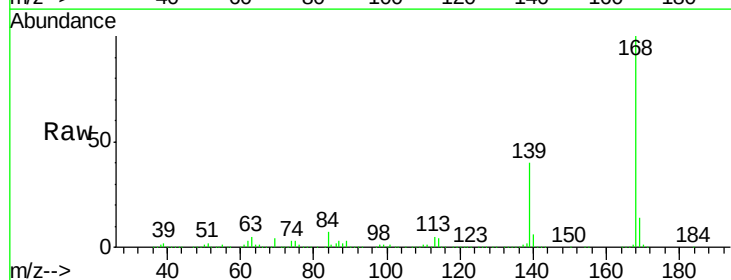
Instrument :
BNA_F
ClientSampleId :
ICVBF121716

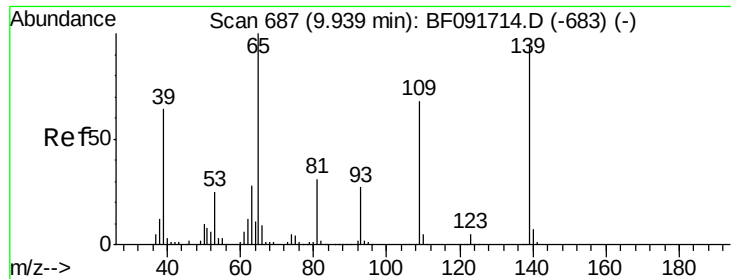
Tgt Ion:184 Resp: 220852
Ion Ratio Lower Upper
184 100
63 97.5 28.4 42.6#
154 69.3 44.3 66.5#



#54
Dibenzofuran
Concen: 39.91 ng
RT: 10.02 min Scan# 694
Delta R.T. 0.00 min
Lab File: BF091718.D
Acq: 17 Dec 2016 16:39

Tgt Ion:168 Resp: 1944109
Ion Ratio Lower Upper
168 100
139 40.4 32.6 49.0
169 14.1 11.3 16.9

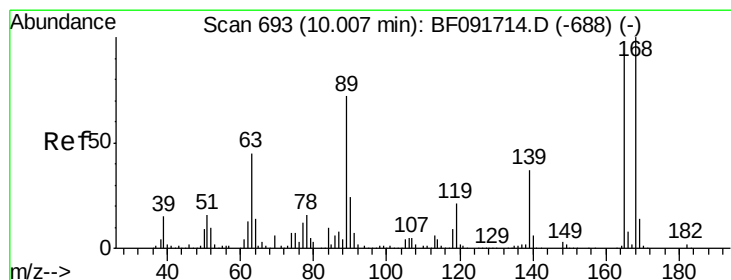
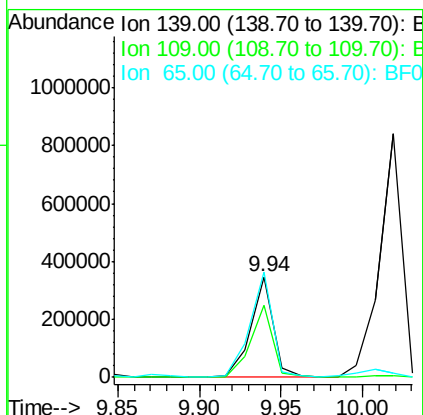
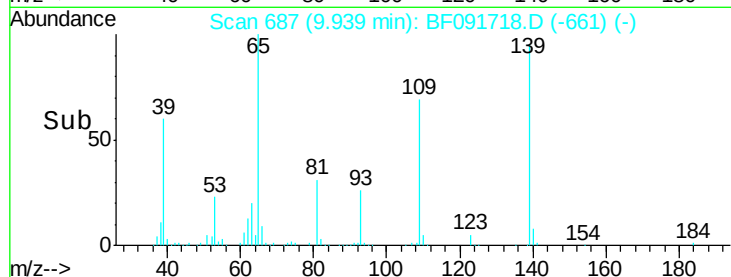
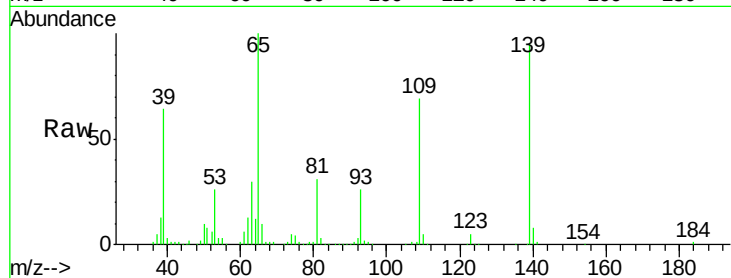




#55
4-Nitrophenol
Concen: 37.90 ng
RT: 9.94 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF091718.D
Acq: 17 Dec 2016 16:39

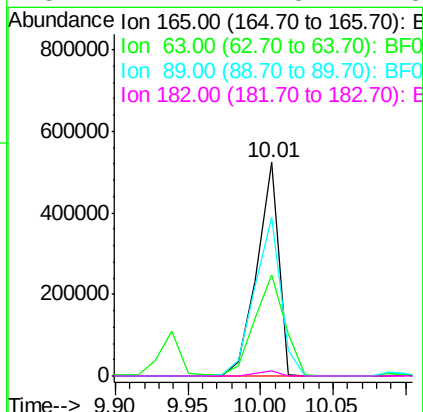
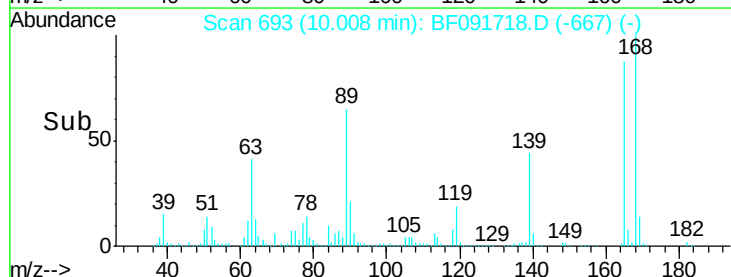
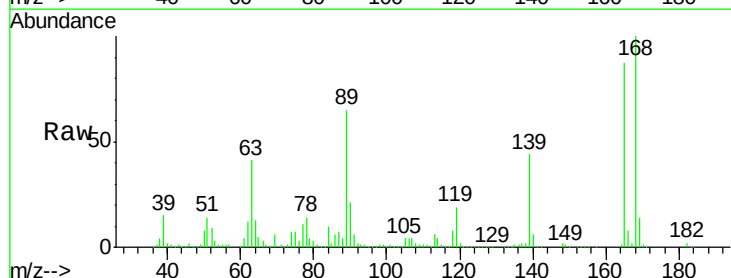
Instrument :
BNA_F
ClientSampleId :
ICVBF121716

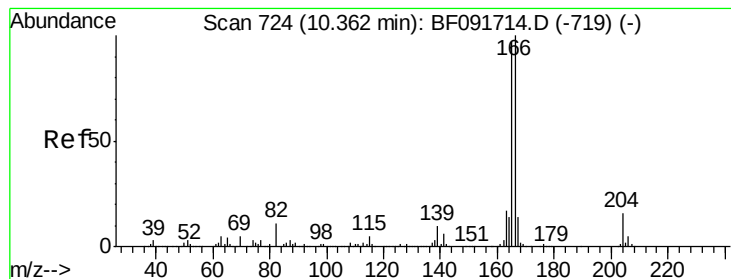
Tgt Ion:139 Resp: 337493
Ion Ratio Lower Upper
139 100
109 72.3 52.2 92.2
65 105.4 85.8 125.8



#56
2,4-Dinitrotoluene
Concen: 42.59 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF091718.D
Acq: 17 Dec 2016 16:39

Tgt Ion:165 Resp: 548004
Ion Ratio Lower Upper
165 100
63 47.6 40.2 60.4
89 74.4 62.5 93.7
182 2.2 1.8 2.8





#57

Fluorene

Concen: 41.30 ng

RT: 10.36 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF091718.D

Acq: 17 Dec 2016 16:39

Instrument :

BNA_F

ClientSampleId :

ICVBF121716

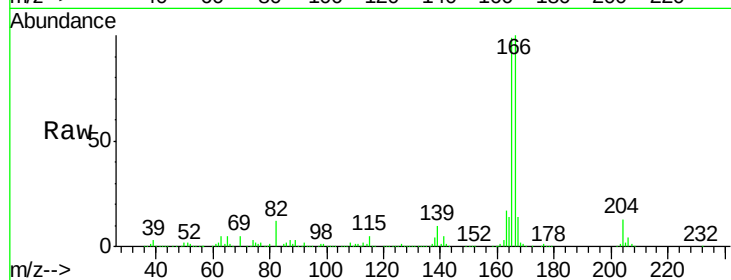
Tgt Ion:166 Resp: 1562430

Ion Ratio Lower Upper

166 100

165 98.6 77.8 116.8

167 13.5 10.8 16.2

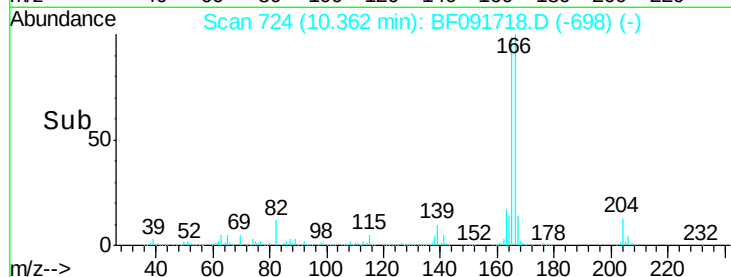


Abundance Ion 166.00 (165.70 to 166.70): E

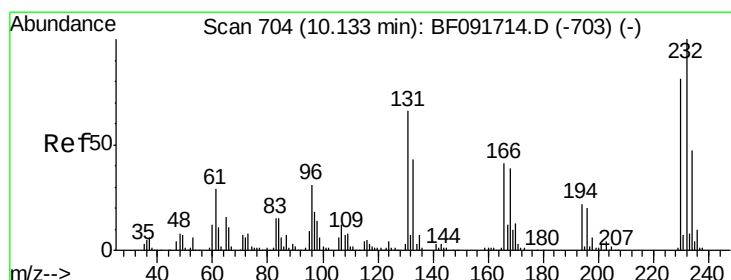
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

10.36



Time-->



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.56 ng

RT: 10.13 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF091718.D

Acq: 17 Dec 2016 16:39

Tgt Ion:232 Resp: 390685

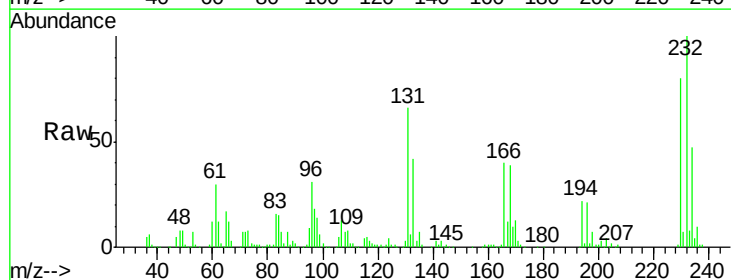
Ion Ratio Lower Upper

232 100

131 49.2 40.1 60.1

130 2.3 1.8 2.8

166 32.4 26.6 39.8



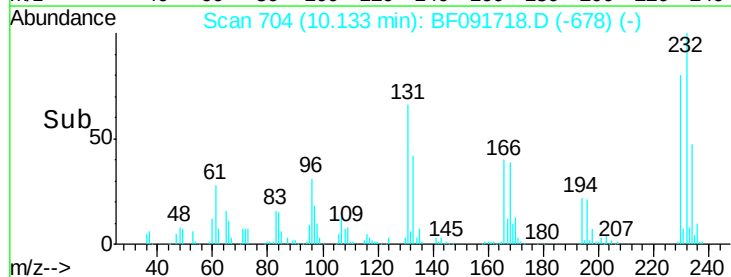
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

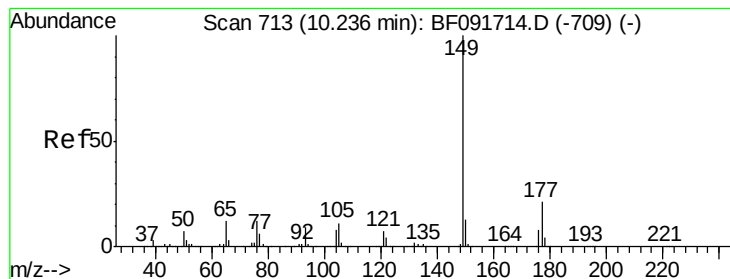
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

10.13



Time-->



#59

Diethylphthalate

Concen: 36.20 ng

RT: 10.24 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF091718.D

Acq: 17 Dec 2016 16:39

Instrument :

BNA_F

ClientSampleId :

ICVBF121716

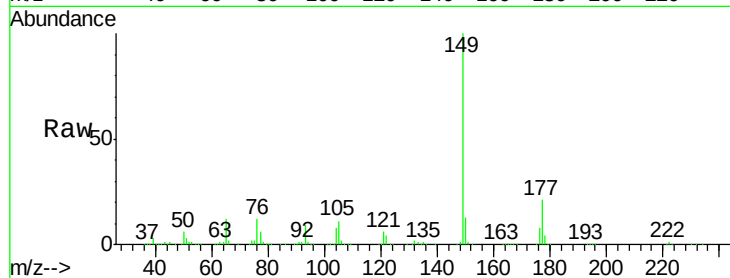
Tgt Ion:149 Resp: 1671671

Ion Ratio Lower Upper

149 100

177 21.1 16.6 25.0

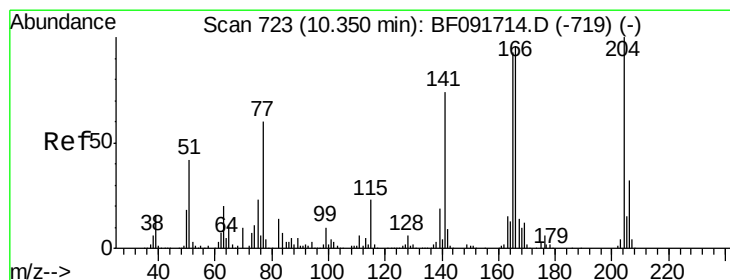
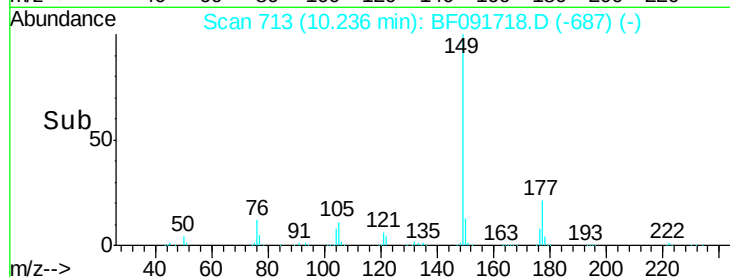
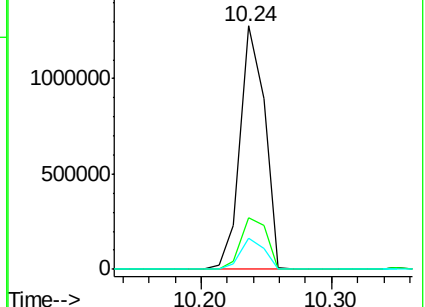
150 12.9 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 35.97 ng

RT: 10.35 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF091718.D

Acq: 17 Dec 2016 16:39

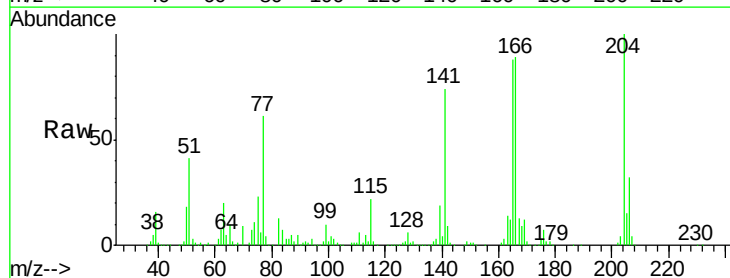
Tgt Ion:204 Resp: 619847

Ion Ratio Lower Upper

204 100

206 32.3 25.8 38.6

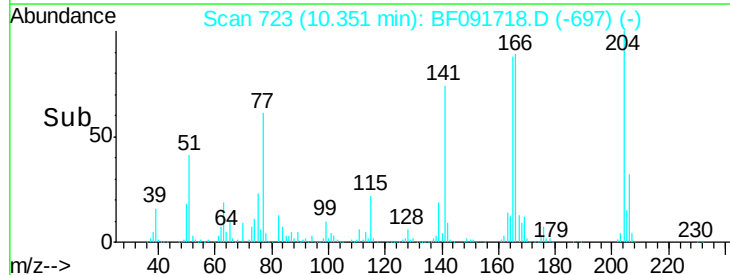
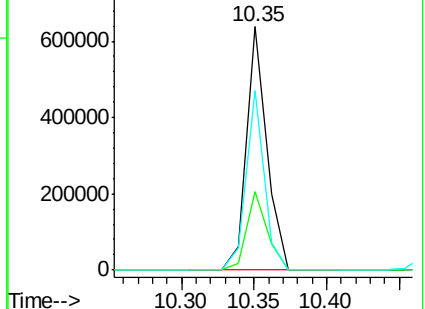
141 73.8 59.4 89.0

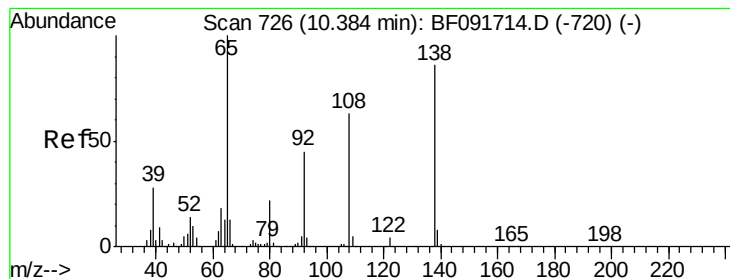


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 37.14 ng

RT: 10.38 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF091718.D

Acq: 17 Dec 2016 16:39

Instrument :

BNA_F

ClientSampleId :

ICVBF121716

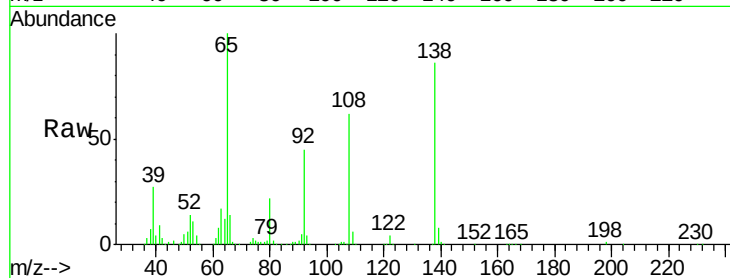
Tgt Ion:138 Resp: 451215

Ion Ratio Lower Upper

138 100

92 52.4 31.7 71.7

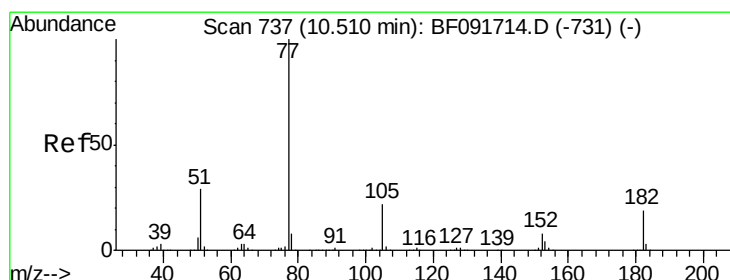
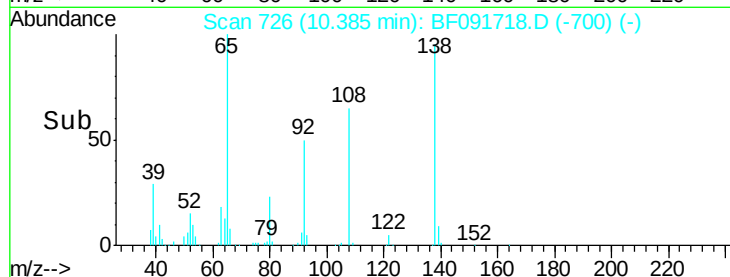
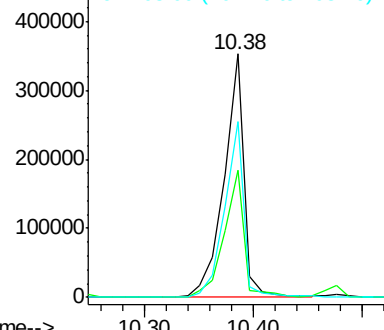
108 72.3 52.6 92.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 36.30 ng

RT: 10.51 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF091718.D

Acq: 17 Dec 2016 16:39

Tgt Ion: 77 Resp: 1783471

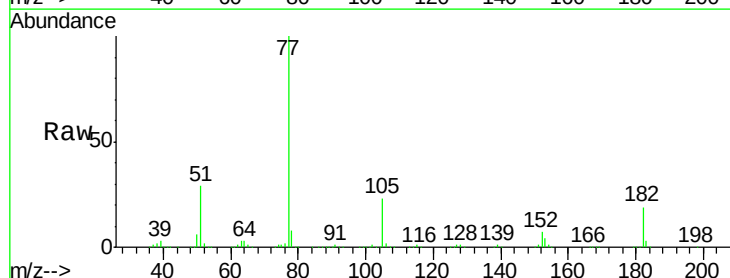
Ion Ratio Lower Upper

77 100

182 19.4 0.0 39.3

105 22.7 2.3 42.3

51 28.9 8.9 48.9

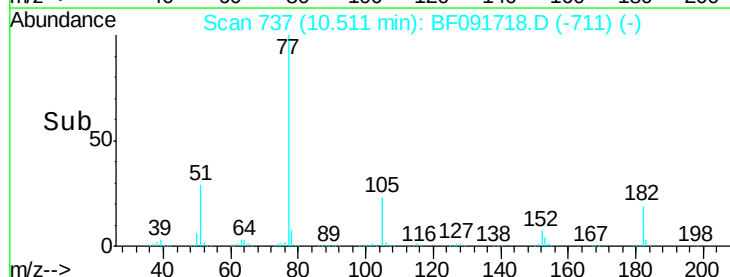
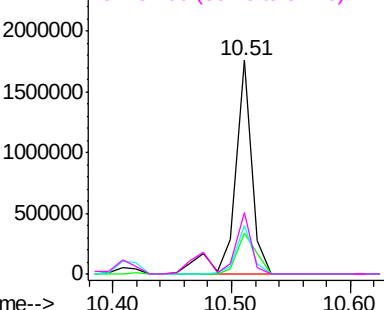


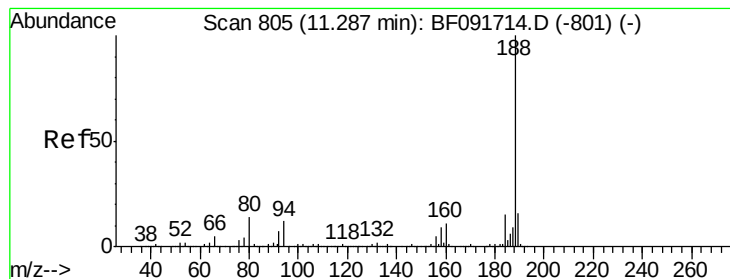
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.29 min Scan# 805

Delta R.T. 0.00 min

Lab File: BF091718.D

Acq: 17 Dec 2016 16:39

Instrument :

BNA_F

ClientSampleId :

ICVBF121716

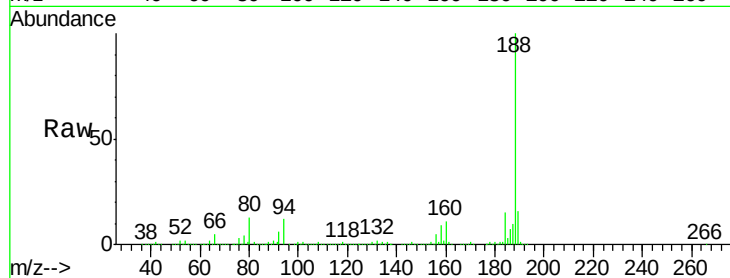
Tgt Ion:188 Resp: 1132299

Ion Ratio Lower Upper

188 100

94 11.9 10.0 15.0

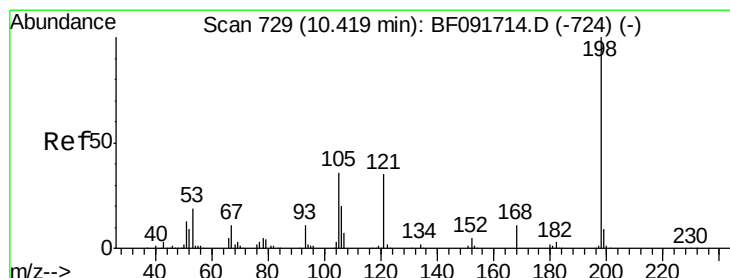
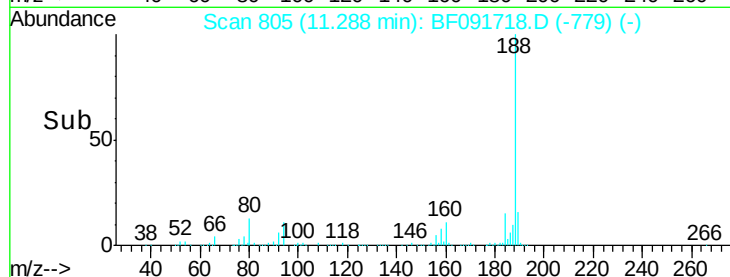
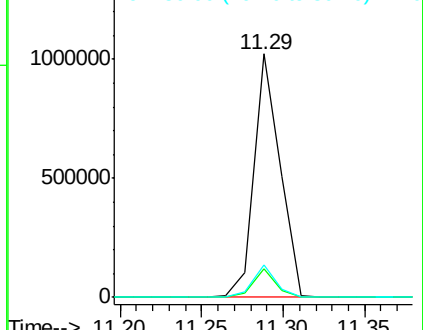
80 13.2 11.2 16.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 44.48 ng

RT: 10.42 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF091718.D

Acq: 17 Dec 2016 16:39

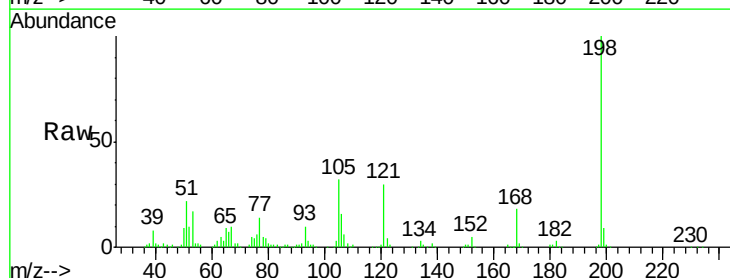
Tgt Ion:198 Resp: 332179

Ion Ratio Lower Upper

198 100

51 22.1 6.7 46.7

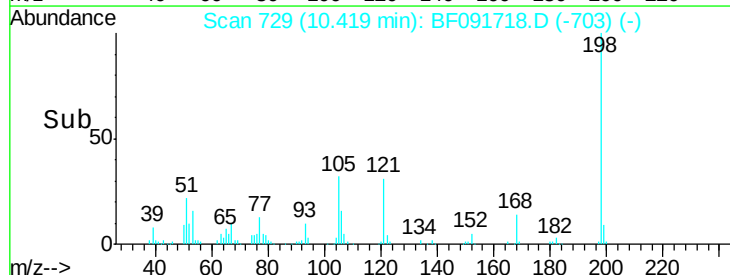
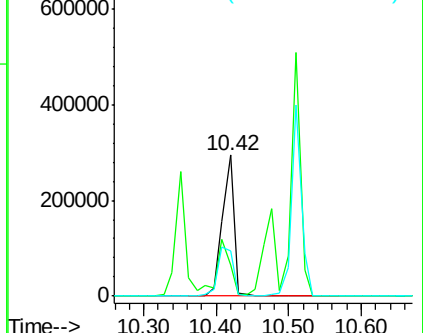
105 32.0 16.6 56.6

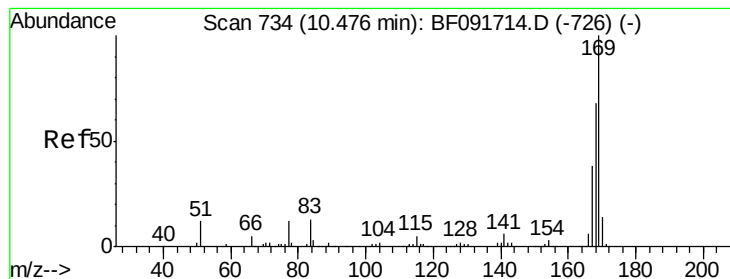


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 39.90 ng

RT: 10.48 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF091718.D

Acq: 17 Dec 2016 16:39

Instrument :

BNA_F

ClientSampleId :

ICVBF121716

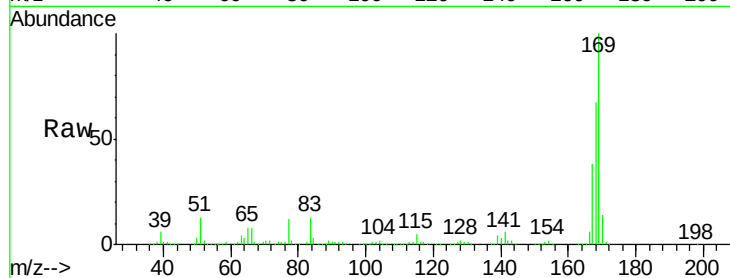
Tgt Ion:169 Resp: 1402999

Ion Ratio Lower Upper

169 100

168 67.0 54.2 81.2

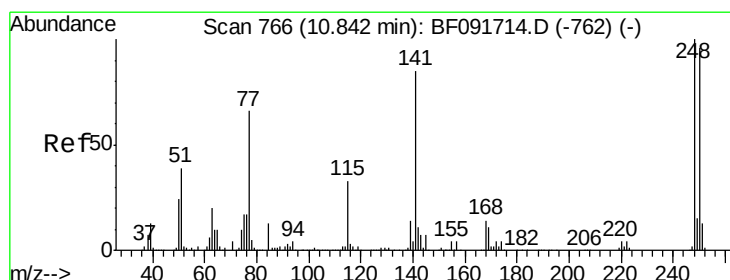
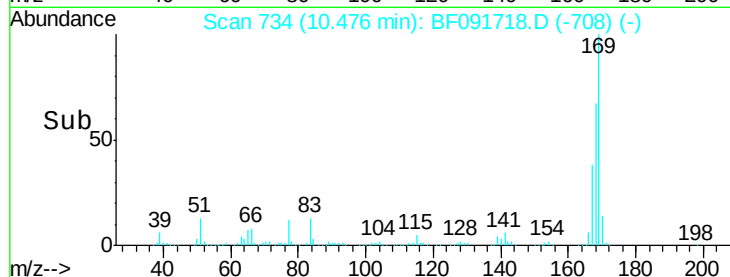
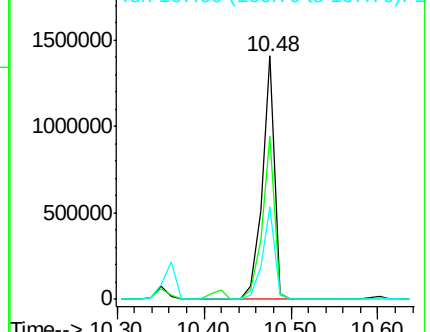
167 37.8 30.2 45.4



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: 39.25 ng

RT: 10.84 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF091718.D

Acq: 17 Dec 2016 16:39

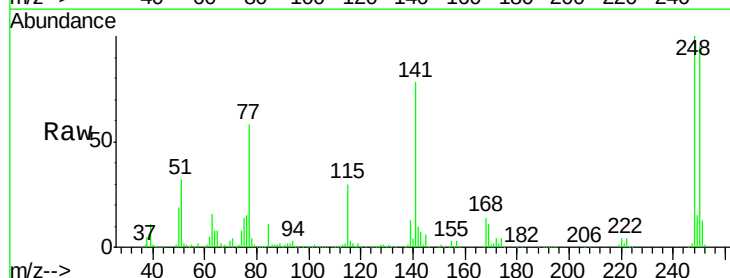
Tgt Ion:248 Resp: 466031

Ion Ratio Lower Upper

248 100

250 95.4 76.9 115.3

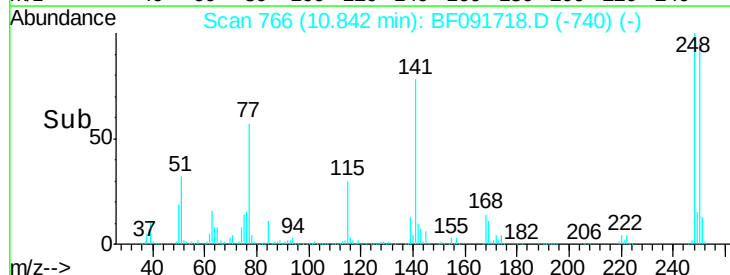
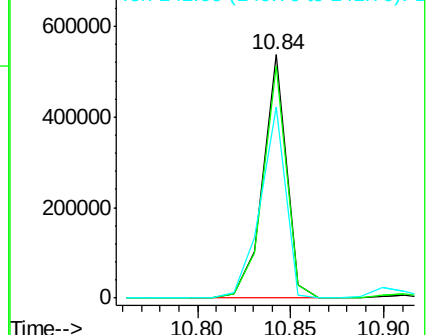
141 78.4 68.2 102.4

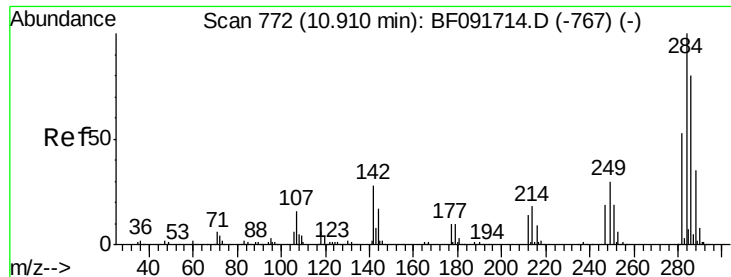


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 41.85 ng

RT: 10.91 min Scan# 772

Delta R.T. 0.00 min

Lab File: BF091718.D

Acq: 17 Dec 2016 16:39

Instrument :

BNA_F

ClientSampleId :

ICVBF121716

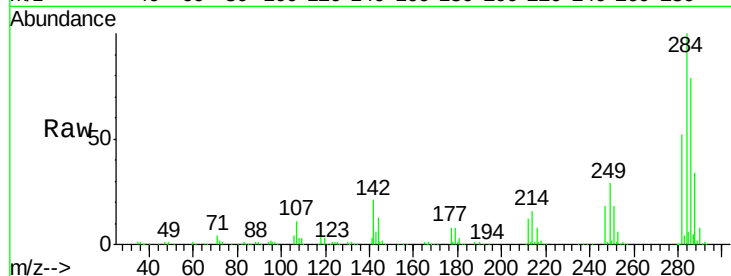
Tgt Ion:284 Resp: 520749

Ion Ratio Lower Upper

284 100

142 20.9 22.6 33.8#

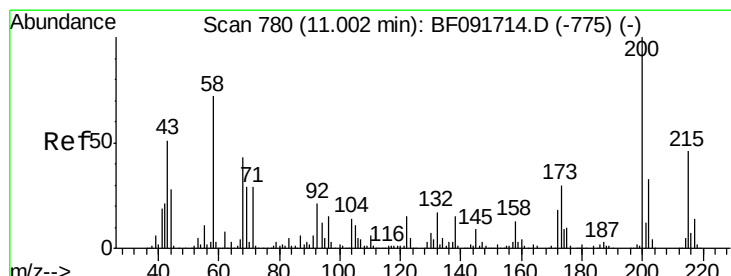
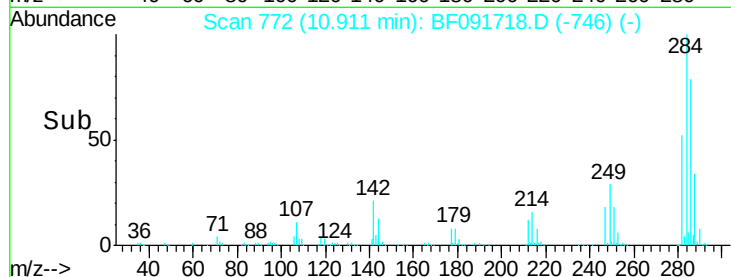
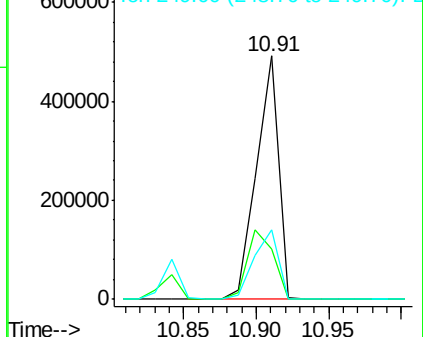
249 28.8 25.4 38.0



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: 36.43 ng

RT: 11.00 min Scan# 780

Delta R.T. 0.00 min

Lab File: BF091718.D

Acq: 17 Dec 2016 16:39

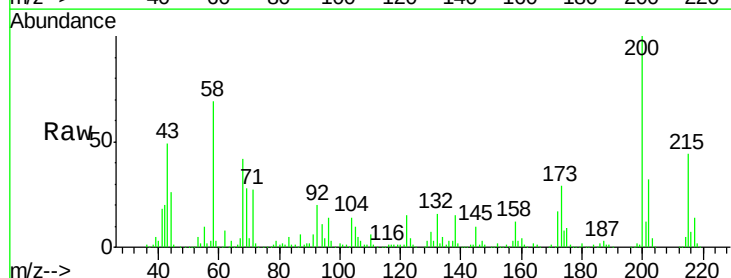
Tgt Ion:200 Resp: 387140

Ion Ratio Lower Upper

200 100

173 28.7 9.6 49.6

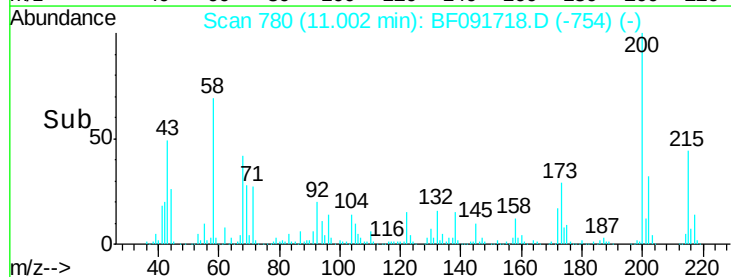
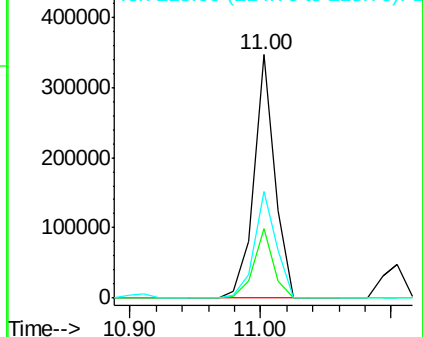
215 44.0 25.7 65.7

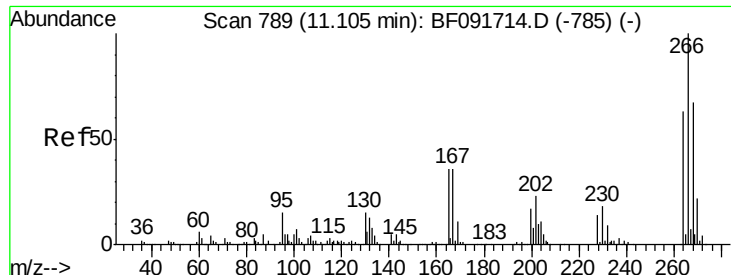


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

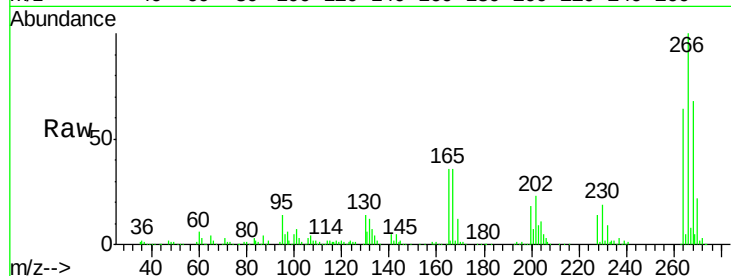




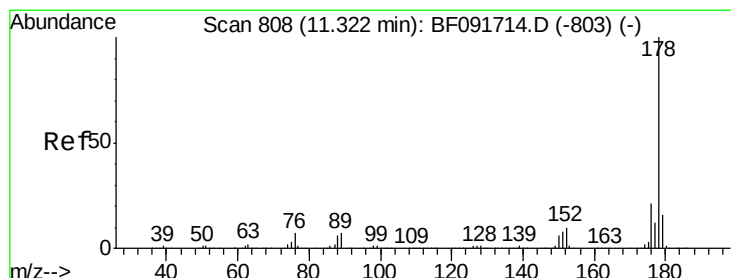
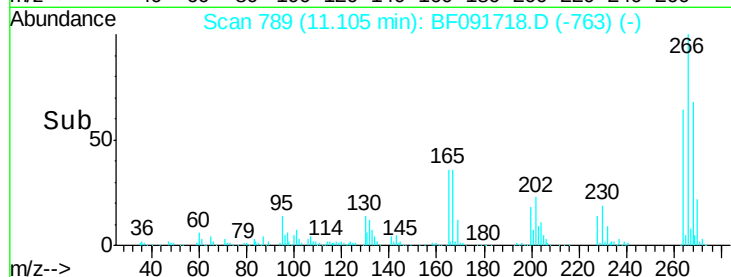
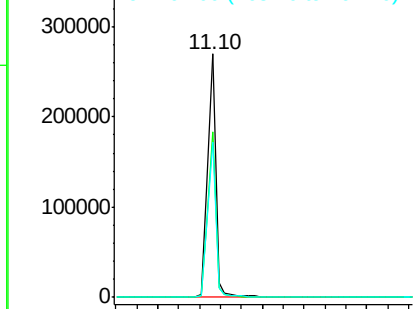
#69
 Pentachlorophenol
 Concen: 43.82 ng
 RT: 11.10 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF091718.D
 Acq: 17 Dec 2016 16:39

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF121716

Tgt Ion:266 Resp: 294199
 Ion Ratio Lower Upper
 266 100
 268 67.8 53.3 79.9
 264 63.5 50.3 75.5

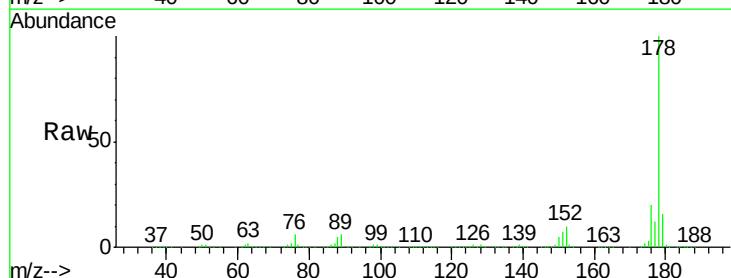


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

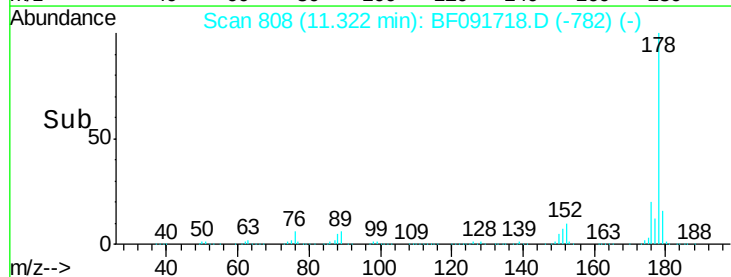
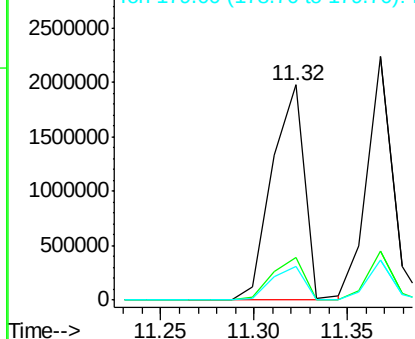


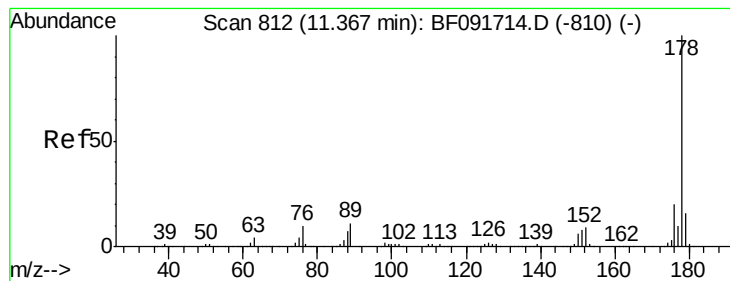
#70
 Phenanthrene
 Concen: 42.24 ng
 RT: 11.32 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF091718.D
 Acq: 17 Dec 2016 16:39

Tgt Ion:178 Resp: 2389576
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.6 25.0
 179 15.7 12.8 19.2



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





#71

Anthracene

Concen: 35.04 ng

RT: 11.37 min Scan# 812

Delta R.T. 0.00 min

Lab File: BF091718.D

Acq: 17 Dec 2016 16:39

Instrument :

BNA_F

ClientSampleId :

ICVBF121716

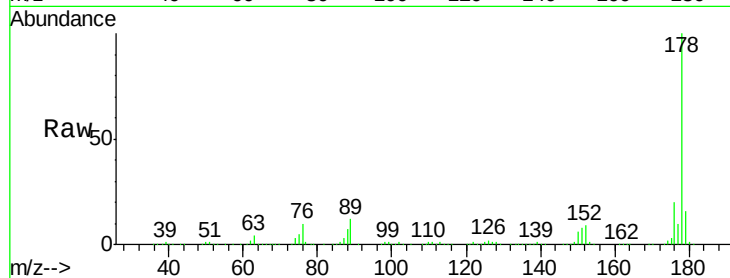
Tgt Ion:178 Resp: 2099623

Ion Ratio Lower Upper

178 100

176 20.0 15.9 23.9

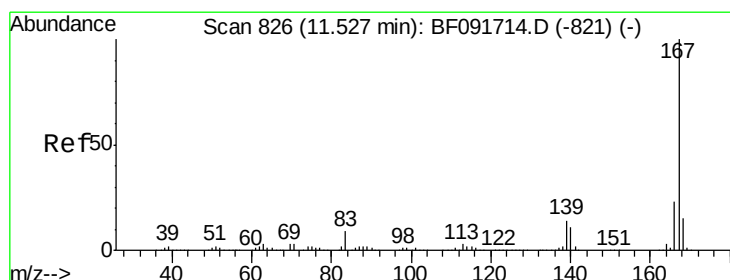
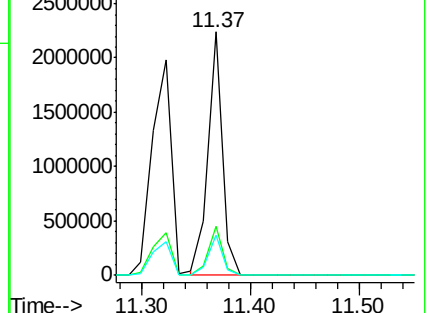
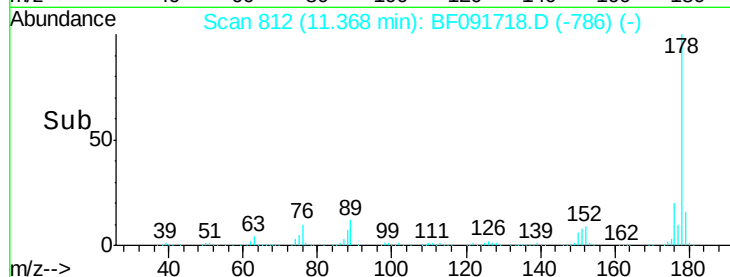
179 16.5 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 41.62 ng

RT: 11.53 min Scan# 826

Delta R.T. 0.00 min

Lab File: BF091718.D

Acq: 17 Dec 2016 16:39

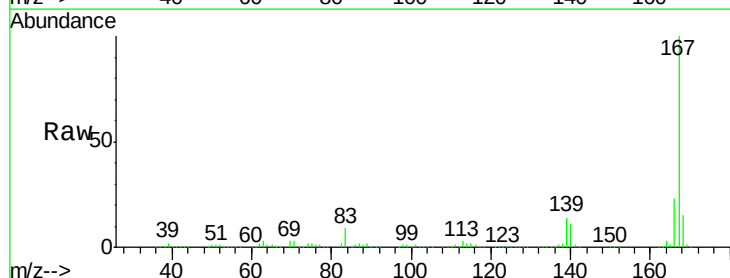
Tgt Ion:167 Resp: 2180750

Ion Ratio Lower Upper

167 100

166 22.7 18.2 27.2

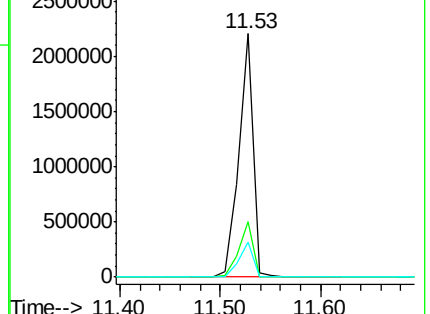
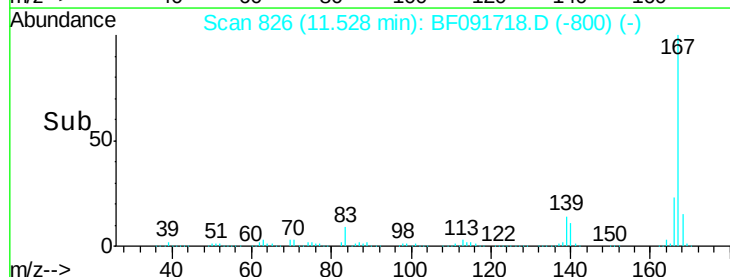
139 14.2 11.4 17.2

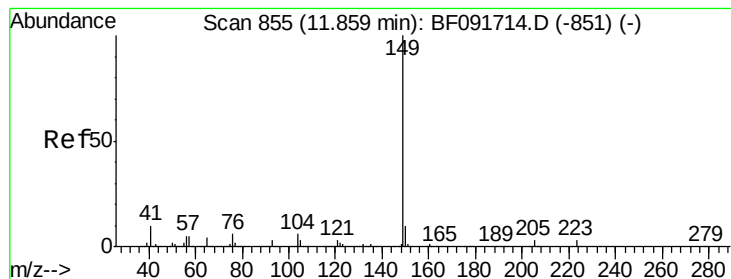


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 37.50 ng

RT: 11.86 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF091718.D

Acq: 17 Dec 2016 16:39

Instrument :

BNA_F

ClientSampleId :

ICVBF121716

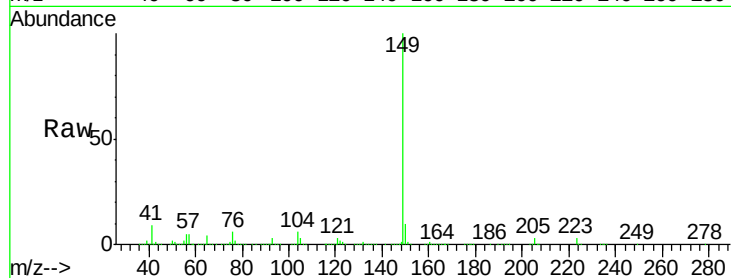
Tgt Ion:149 Resp: 2519098

Ion Ratio Lower Upper

149 100

150 9.9 8.1 12.1

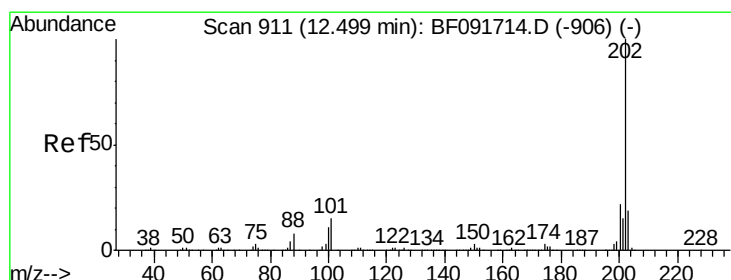
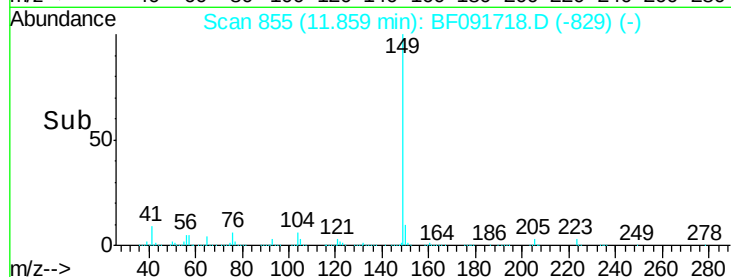
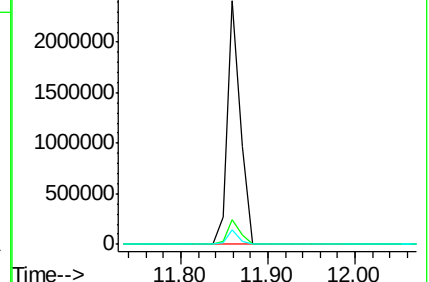
104 5.8 4.6 7.0



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: 37.02 ng

RT: 12.50 min Scan# 911

Delta R.T. 0.00 min

Lab File: BF091718.D

Acq: 17 Dec 2016 16:39

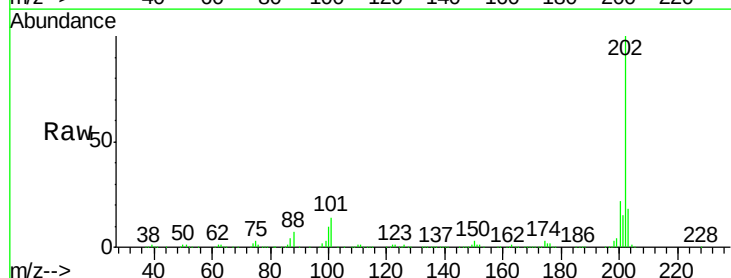
Tgt Ion:202 Resp: 2187374

Ion Ratio Lower Upper

202 100

101 13.9 0.0 34.6

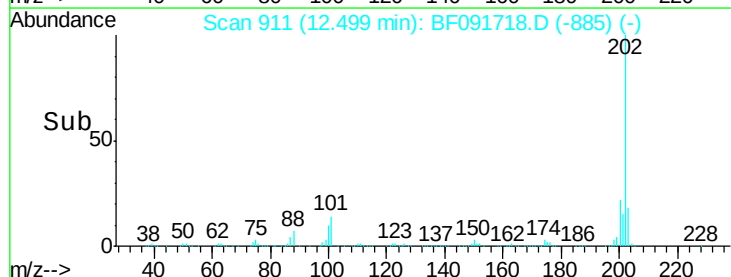
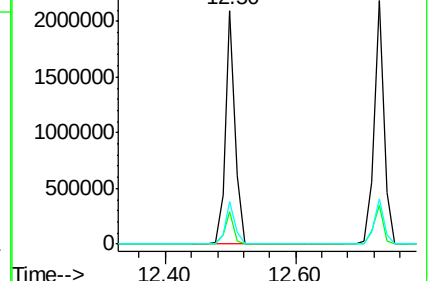
203 18.3 0.0 38.7

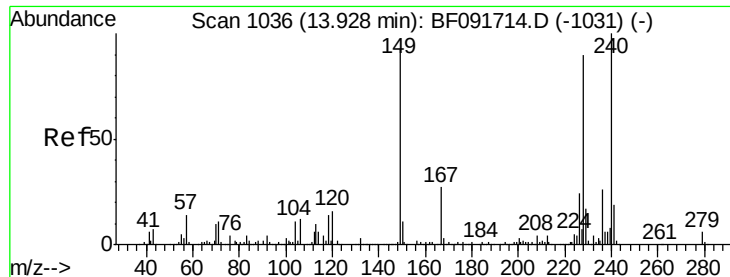


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.93 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF091718.D

Acq: 17 Dec 2016 16:39

Instrument :

BNA_F

ClientSampleId :

ICVBF121716

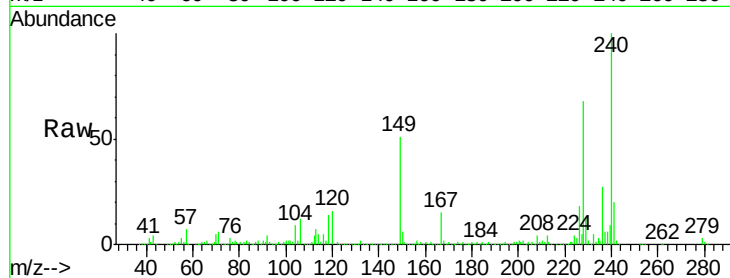
Tgt Ion:240 Resp: 831331

Ion Ratio Lower Upper

240 100

120 15.7 12.9 19.3

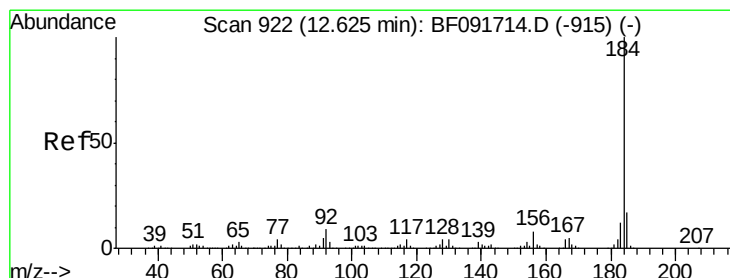
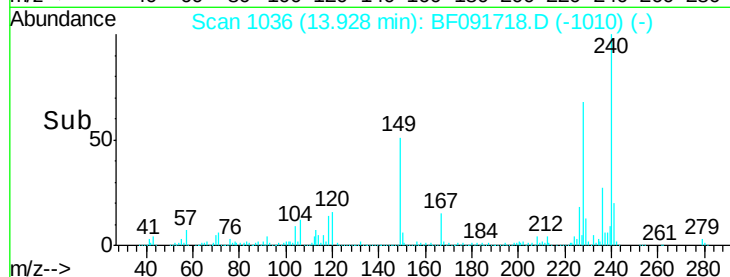
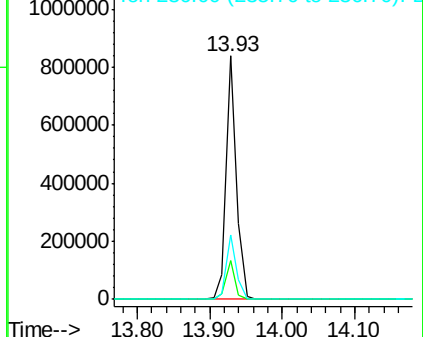
236 26.6 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 39.58 ng

RT: 12.63 min Scan# 922

Delta R.T. 0.00 min

Lab File: BF091718.D

Acq: 17 Dec 2016 16:39

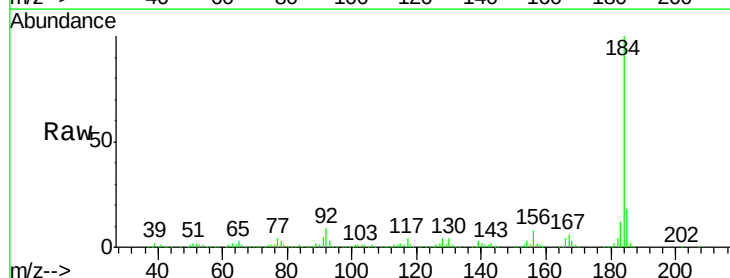
Tgt Ion:184 Resp: 947130

Ion Ratio Lower Upper

184 100

185 18.5 13.4 20.0

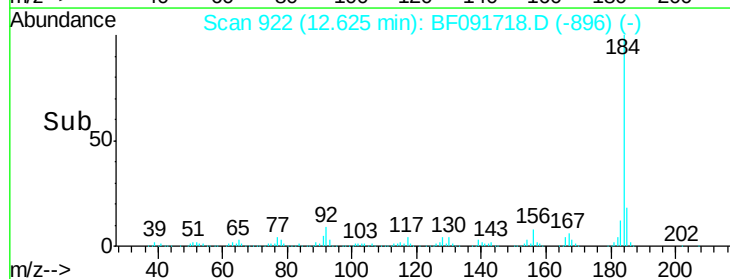
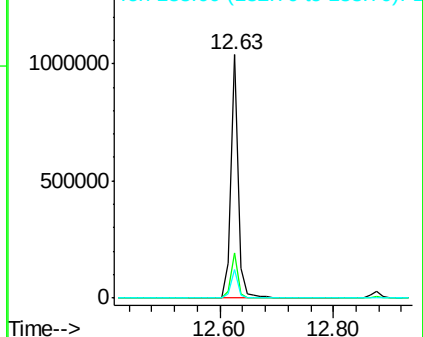
183 11.6 9.2 13.8

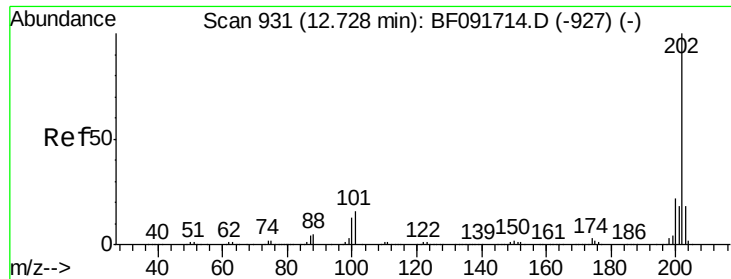


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



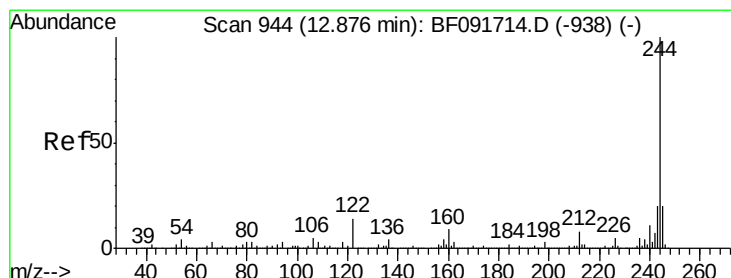
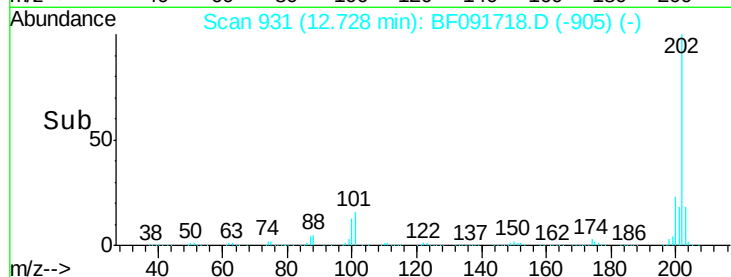
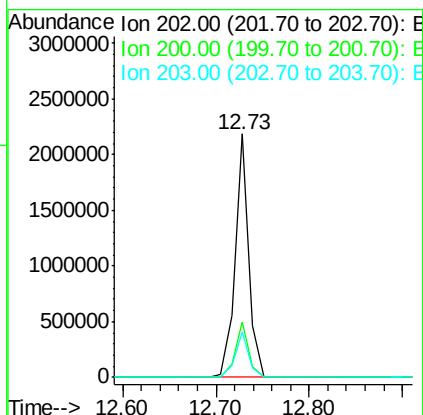
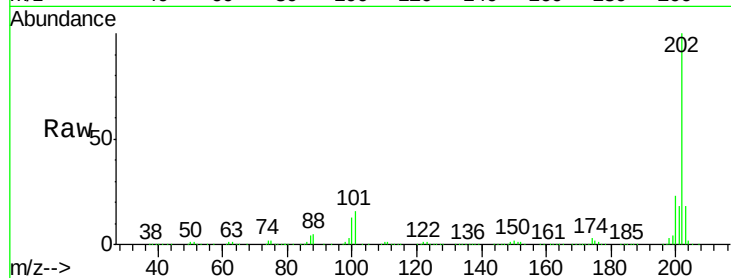


#77
Pyrene
 Concen: 37.14 ng
 RT: 12.73 min Scan# 931
 Delta R.T. 0.00 min
 Lab File: BF091718.D
 Acq: 17 Dec 2016 16:39

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF121716

Tgt Ion:202 Resp: 2229557

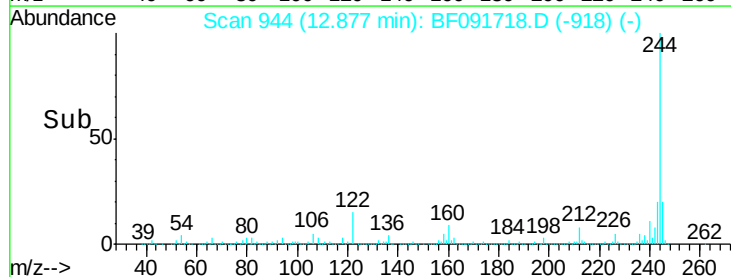
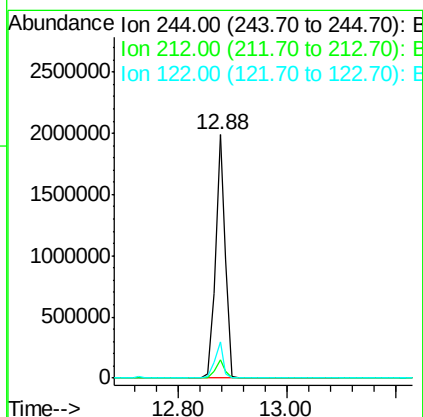
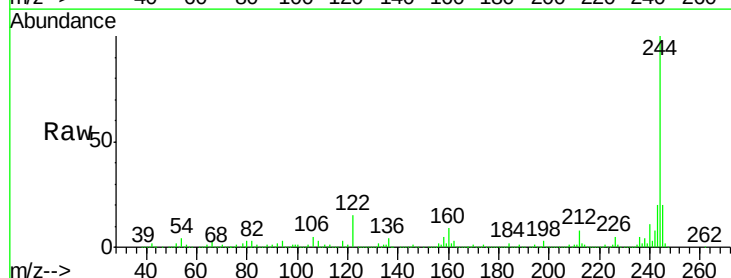
Ion	Ratio	Lower	Upper
202	100		
200	22.5	17.7	26.5
203	18.4	14.7	22.1

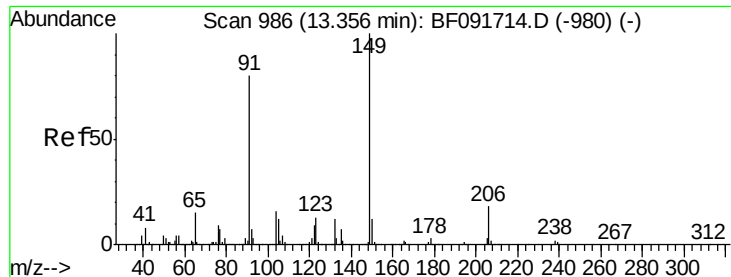


#78
Terphenyl-d14
 Concen: 77.44 ng
 RT: 12.88 min Scan# 944
 Delta R.T. 0.00 min
 Lab File: BF091718.D
 Acq: 17 Dec 2016 16:39

Tgt Ion:244 Resp: 2549804

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	14.7	11.4	17.2

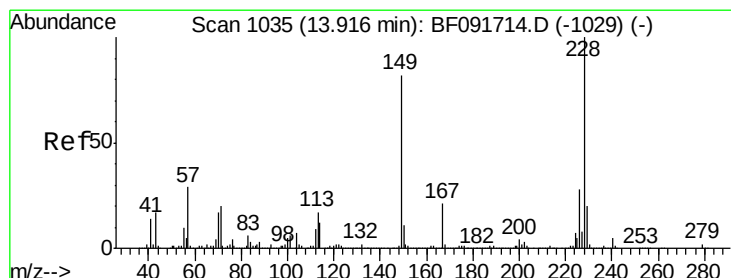
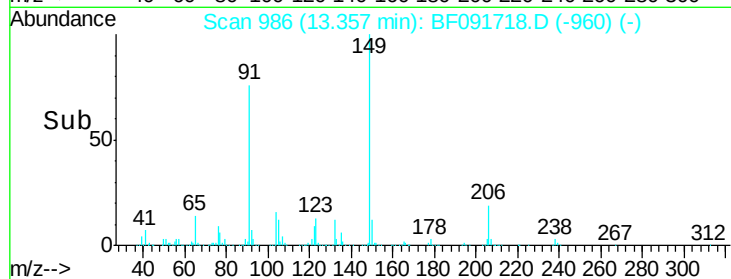
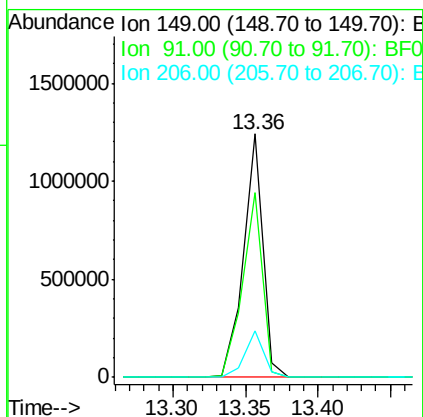
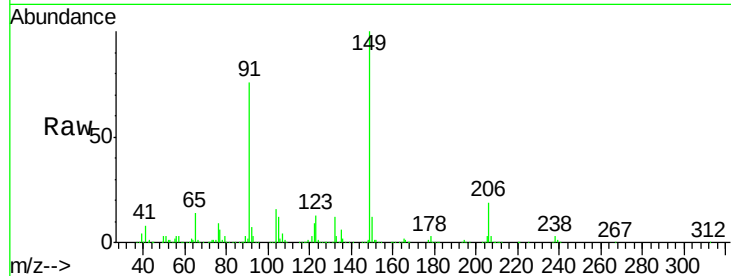




#79
Butylbenzylphthalate
Concen: 41.07 ng
RT: 13.36 min Scan# 986
Delta R.T. 0.00 min
Lab File: BF091718.D
Acq: 17 Dec 2016 16:39

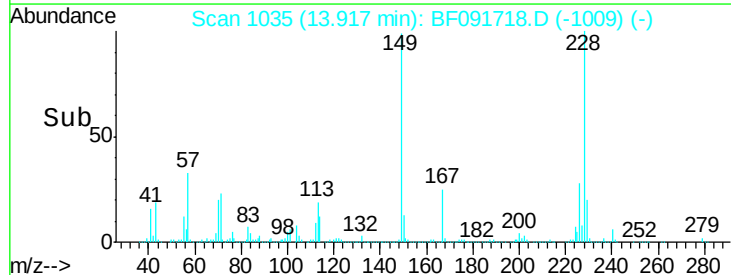
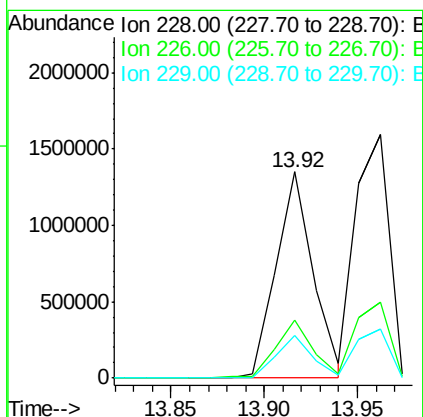
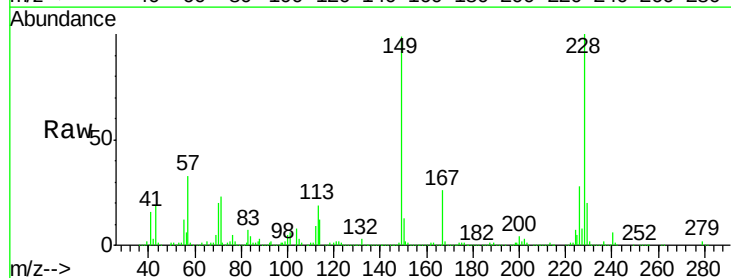
Instrument :
BNA_F
ClientSampleId :
ICVBF121716

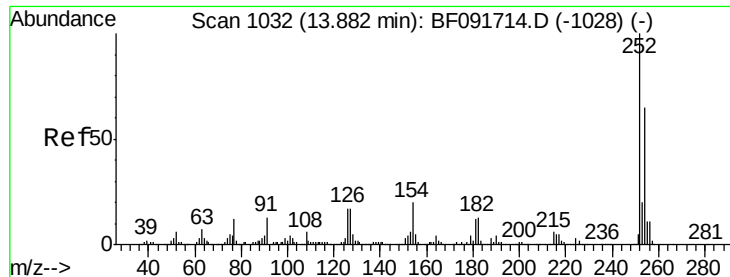
Tgt Ion:149 Resp: 1154098
Ion Ratio Lower Upper
149 100
91 76.1 63.9 95.9
206 19.0 14.6 21.8



#80
Benzo(a)anthracene
Concen: 39.23 ng
RT: 13.92 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF091718.D
Acq: 17 Dec 2016 16:39

Tgt Ion:228 Resp: 1865392
Ion Ratio Lower Upper
228 100
226 28.1 22.4 33.6
229 20.4 16.2 24.4

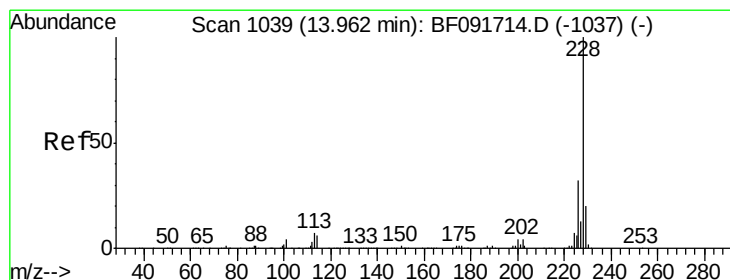
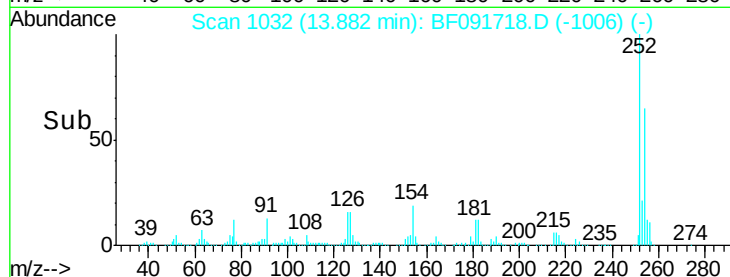
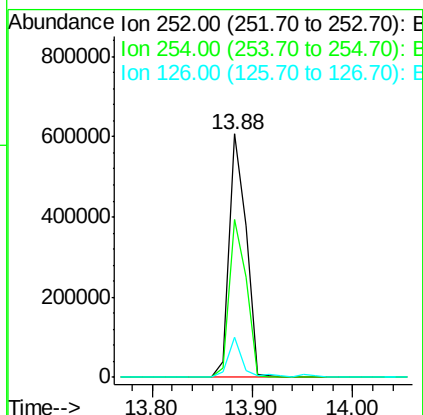
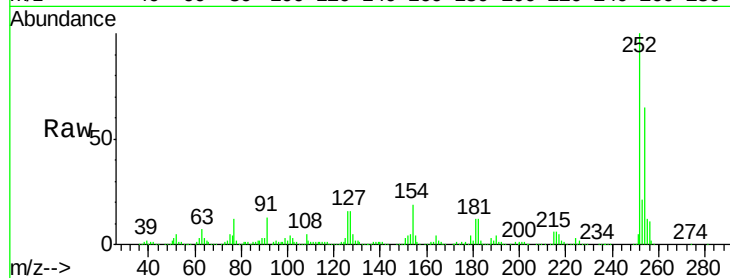




#81
 3,3'-Dichlorobenzidine
 Concen: 37.64 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. 0.00 min
 Lab File: BF091718.D
 Acq: 17 Dec 2016 16:39

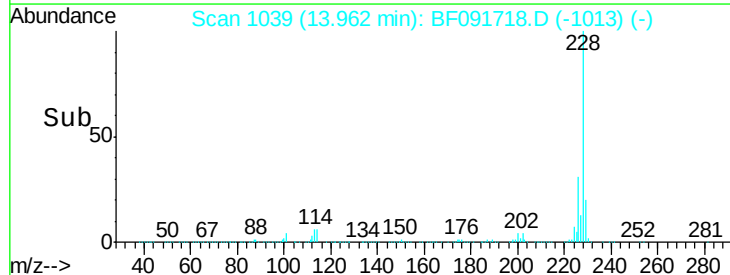
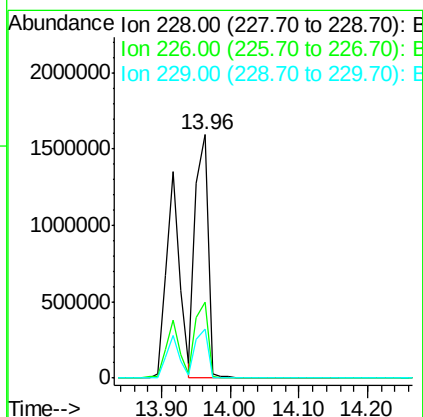
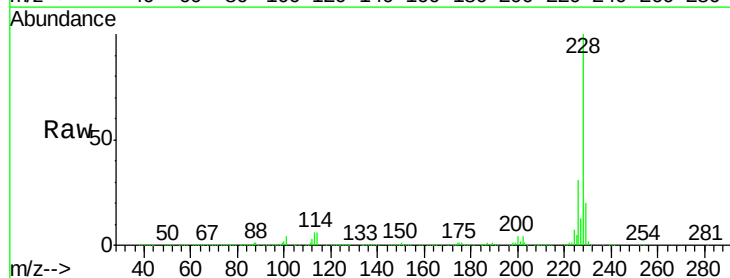
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF121716

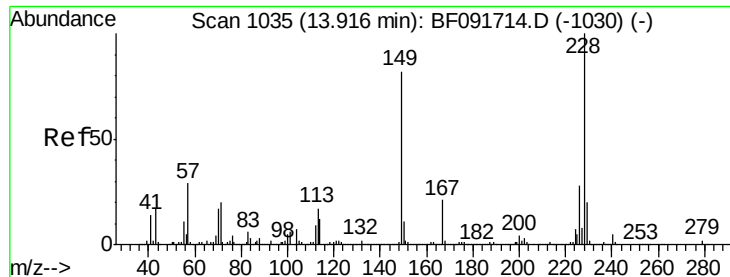
Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.9	52.3	78.5
126	16.3	13.6	20.4



#82
 Chrysene
 Concen: 40.82 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BF091718.D
 Acq: 17 Dec 2016 16:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.4	38.0
229	20.0	16.2	24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.41 ng

RT: 13.92 min Scan# 1035

Delta R.T. 0.00 min

Lab File: BF091718.D

Acq: 17 Dec 2016 16:39

Instrument :

BNA_F

ClientSampleId :

ICVBF121716

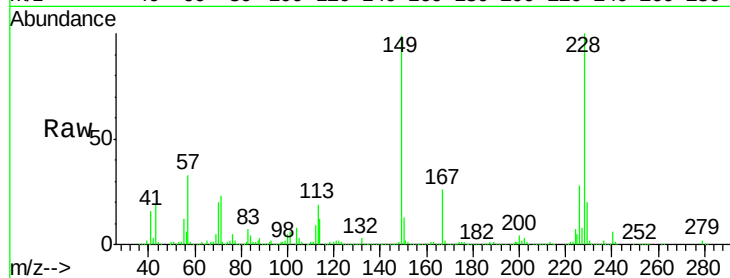
Tgt Ion:149 Resp: 1333259

Ion Ratio Lower Upper

149 100

167 25.9 20.2 30.4

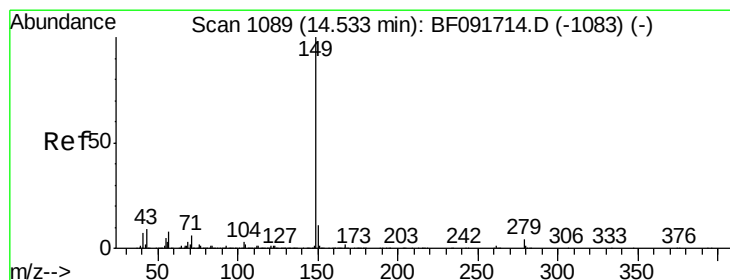
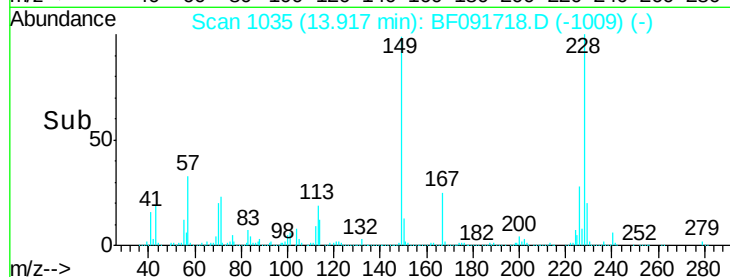
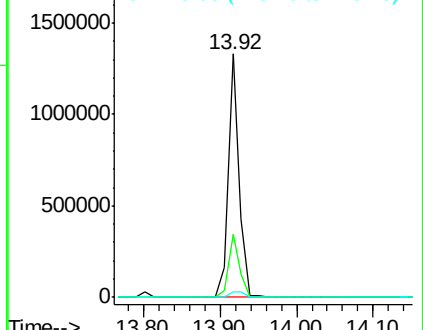
279 2.5 1.8 2.8



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: 41.65 ng

RT: 14.53 min Scan# 1089

Delta R.T. 0.00 min

Lab File: BF091718.D

Acq: 17 Dec 2016 16:39

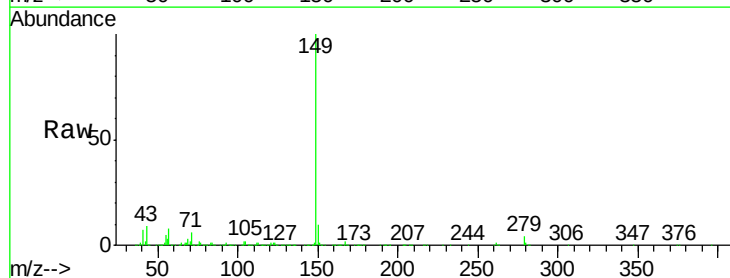
Tgt Ion:149 Resp: 2735902

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

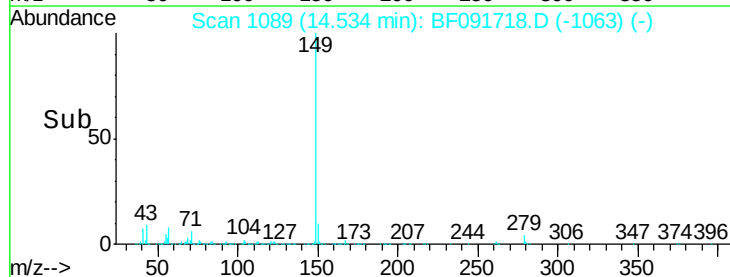
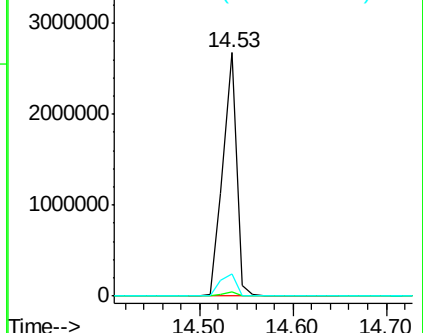
43 10.9 8.9 13.3

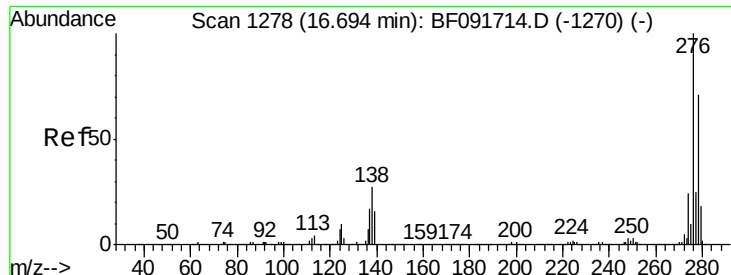


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

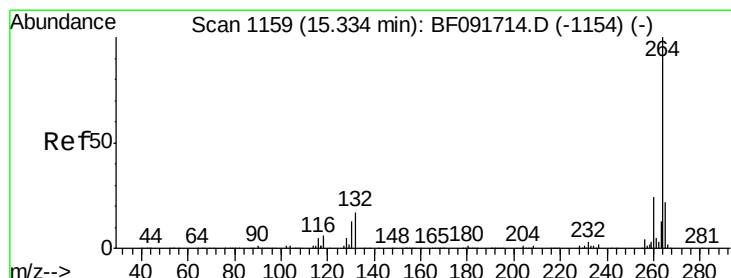
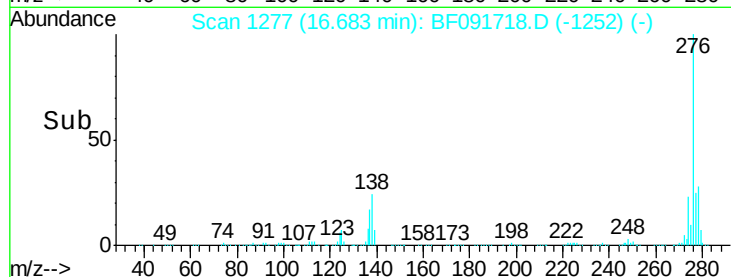
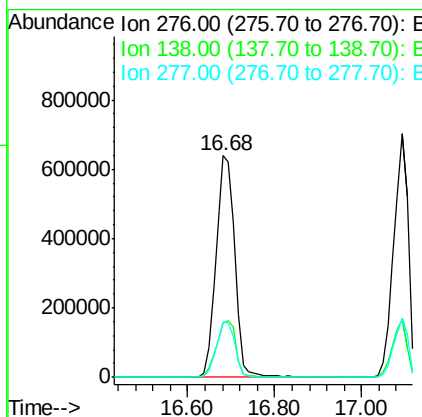
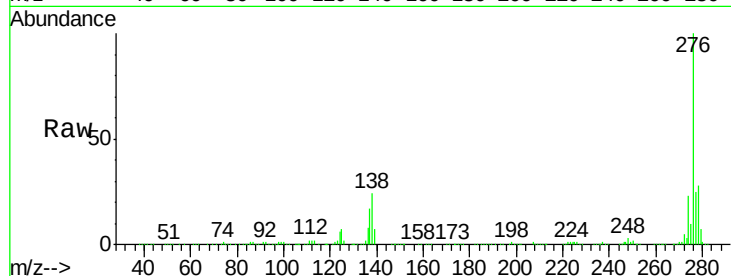




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.32 ng
 RT: 16.68 min Scan# 1277
 Delta R.T. -0.01 min
 Lab File: BF091718.D
 Acq: 17 Dec 2016 16:39

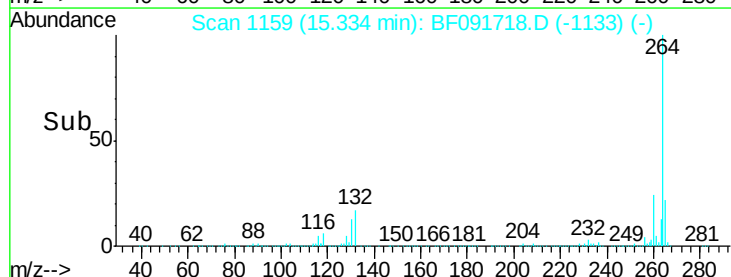
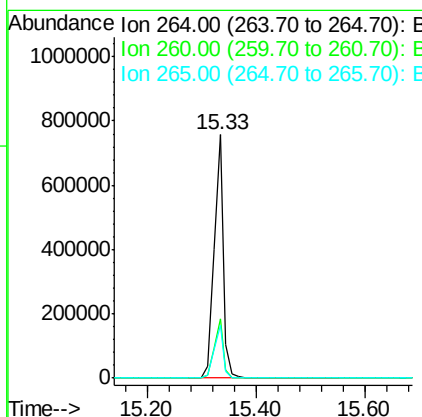
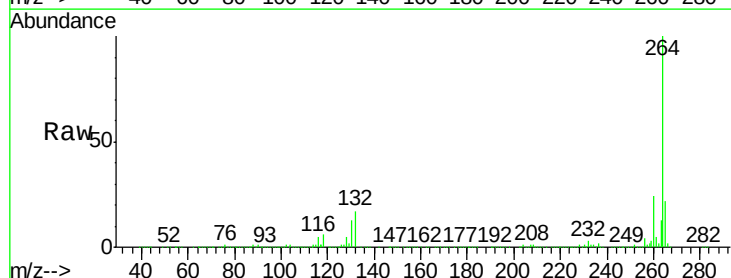
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF121716

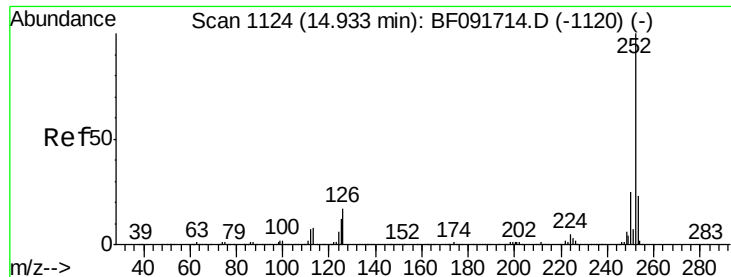
Tgt Ion: 276 Resp: 1953849
 Ion Ratio Lower Upper
 276 100
 138 26.7 21.8 32.6
 277 25.1 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.33 min Scan# 1159
 Delta R.T. 0.00 min
 Lab File: BF091718.D
 Acq: 17 Dec 2016 16:39

Tgt Ion: 264 Resp: 914230
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.2 28.8
 265 21.5 17.4 26.0

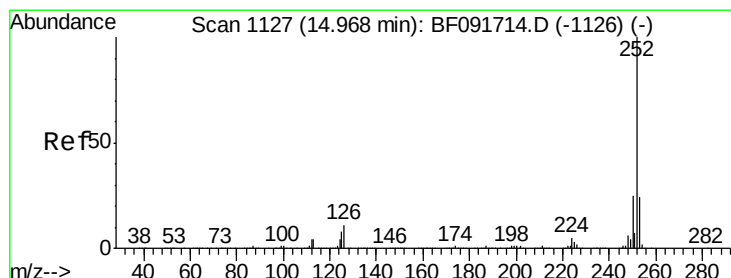
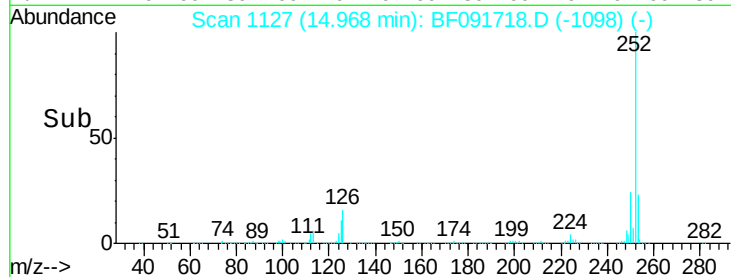
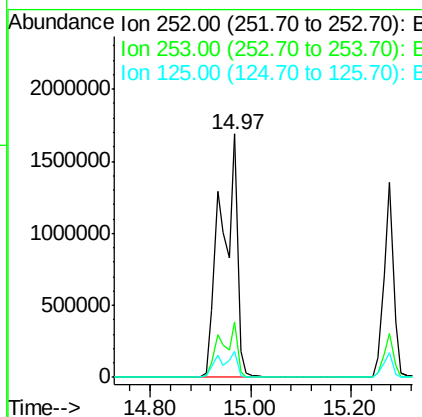
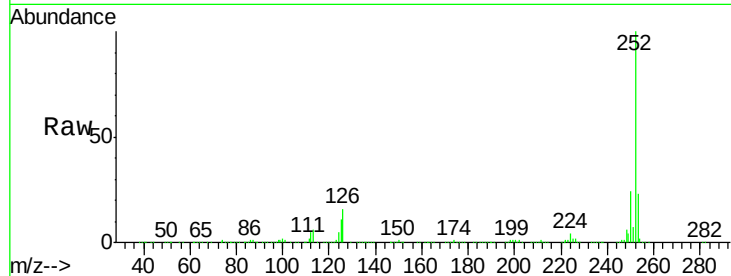




#87
Benzo(b)fluoranthene
Concen: 66.16 ng
RT: 14.97 min Scan# 1127
Delta R.T. 0.03 min
Lab File: BF091718.D
Acq: 17 Dec 2016 16:39

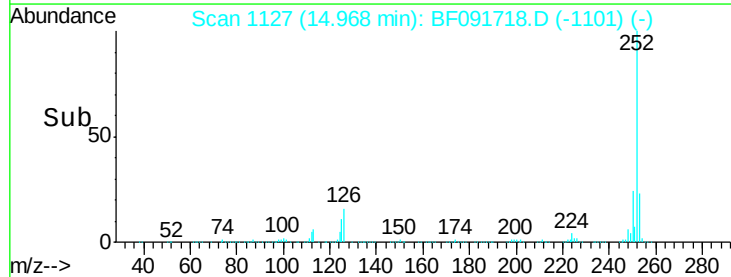
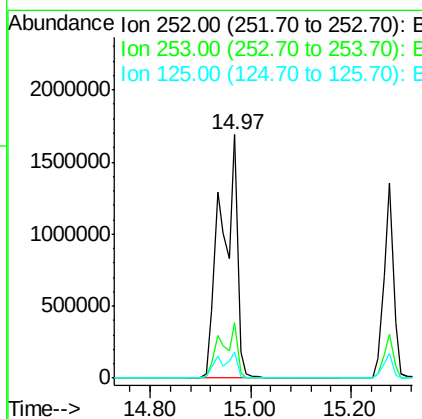
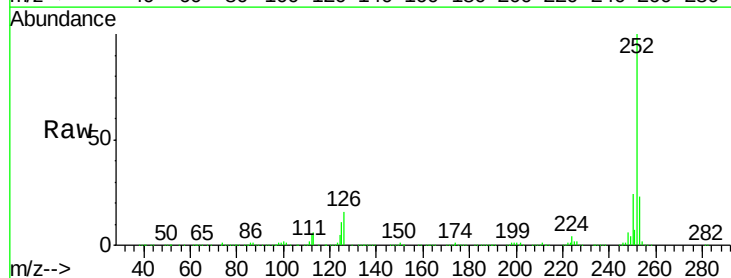
Instrument :
BNA_F
ClientSampleId :
ICVBF121716

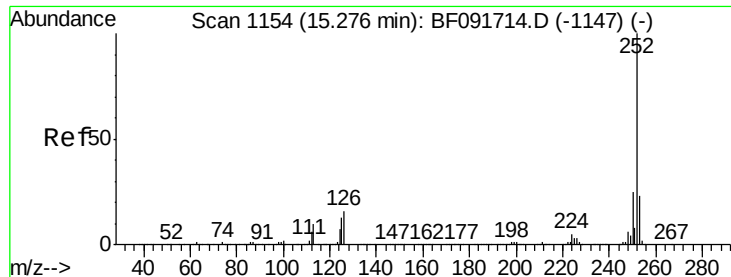
Tgt Ion:252 Resp: 3835457
Ion Ratio Lower Upper
252 100
253 23.0 18.2 27.4
125 10.7 9.8 14.6



#88
Benzo(k)fluoranthene
Concen: 94.29 ng
RT: 14.97 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BF091718.D
Acq: 17 Dec 2016 16:39

Tgt Ion:252 Resp: 3835457
Ion Ratio Lower Upper
252 100
253 23.0 18.5 27.7
125 10.7 8.9 13.3





#89

Benzo(a)pyrene

Concen: 36.73 ng

RT: 15.28 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BF091718.D

Acq: 17 Dec 2016 16:39

Instrument :

BNA_F

ClientSampleId :

ICVBF121716

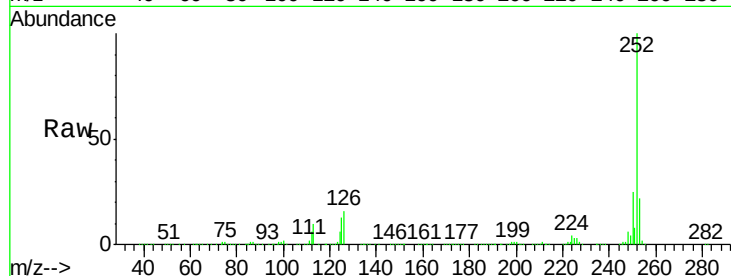
Tgt Ion:252 Resp: 1827704

Ion Ratio Lower Upper

252 100

253 22.4 18.2 27.2

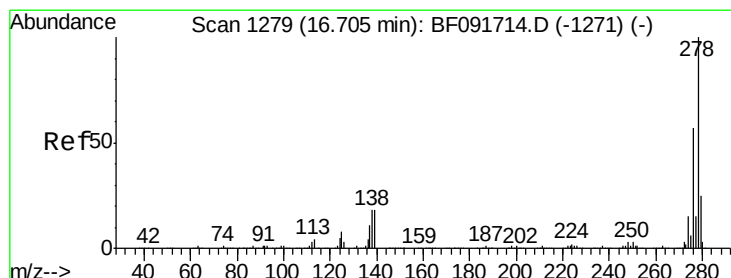
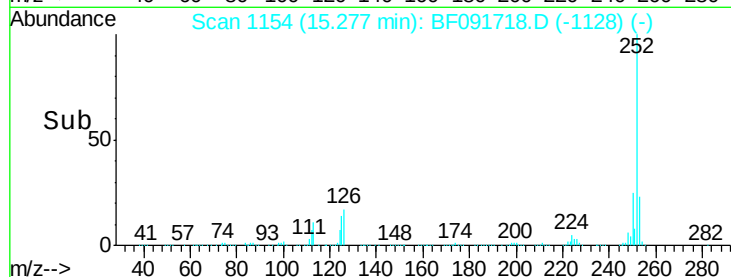
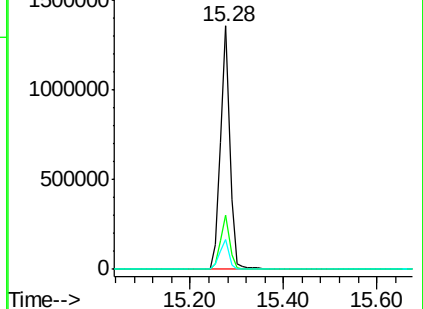
125 12.5 10.0 15.0



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



#90

Dibenzo(a,h)anthracene

Concen: 37.63 ng

RT: 16.71 min Scan# 1279

Delta R.T. 0.00 min

Lab File: BF091718.D

Acq: 17 Dec 2016 16:39

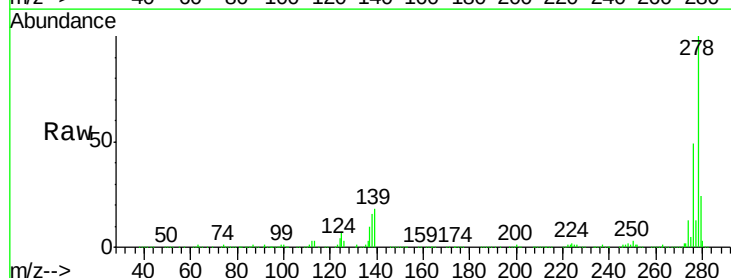
Tgt Ion:278 Resp: 1632221

Ion Ratio Lower Upper

278 100

139 18.0 14.8 22.2

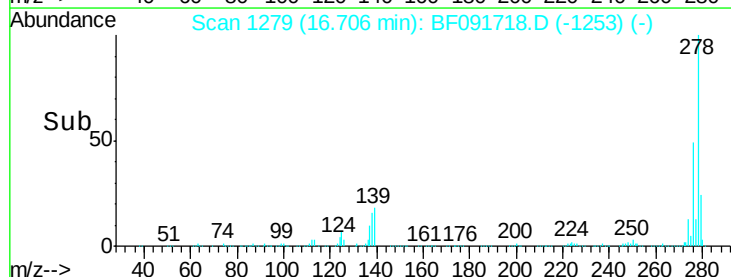
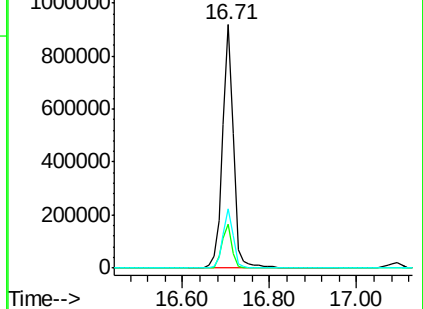
279 24.5 19.8 29.6

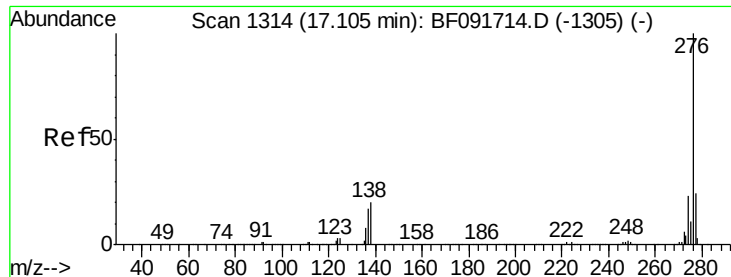


Abundance Ion 278.00 (277.70 to 278.70): E

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: 37.55 ng

RT: 17.09 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BF091718.D

Acq: 17 Dec 2016 16:39

Instrument :

BNA_F

ClientSampleId :

ICVBF121716

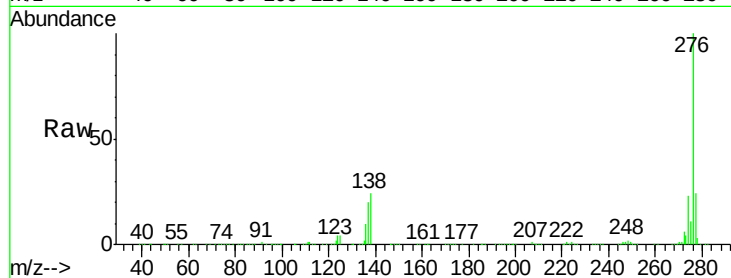
Tgt Ion:276 Resp: 1655116

Ion Ratio Lower Upper

276 100

277 24.5 19.2 28.8

138 23.9 16.0 24.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

