

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111516\
 Data File : BF091183.D
 Acq On : 15 Nov 2016 17:16
 Operator : UM/SJ
 Sample : H5636-10MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C19023041MS

Quant Time: Nov 16 06:45:54 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 12:59:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	177469	20.00	ng	-0.02
21) Naphthalene-d8	7.93	136	779533	20.00	ng	-0.02
38) Acenaphthene-d10	9.68	164	397164	20.00	ng	-0.02
63) Phenanthrene-d10	11.15	188	649693	20.00	ng	-0.02
75) Chrysene-d12	13.79	240	504730	20.00	ng	-0.02
86) Perylene-d12	15.15	264	433706	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.22	112	674482	62.77	ng	-0.02
7) Phenol-d6	6.29	99	573339	39.31	ng	-0.02
23) Nitrobenzene-d5	7.21	82	1359548	95.14	ng	-0.03
41) 2,4,6-Tribromophenol	10.48	330	644557	179.51	ng	-0.01
44) 2-Fluorobiphenyl	9.01	172	2414663	104.67	ng	-0.02
78) Terphenyl-d14	12.74	244	2096370	103.65	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.13	88	87368	14.21	ng	# 87
3) Pyridine	2.80	79	212443	14.77	ng	100
4) n-Nitrosodimethylamine	2.74	42	93289	16.40	ng	94
6) Aniline	6.30	93	331920	19.29	ng	# 81
8) 2-Chlorophenol	6.42	128	519077	40.50	ng	99
9) Benzaldehyde	6.19	77	55974	6.91	ng	90
10) Phenol	6.30	94	260828	16.16	ng	88
11) bis(2-Chloroethyl)ether	6.37	93	628506	46.21	ng	98
12) 1,3-Dichlorobenzene	6.57	146	624291m	48.16	ng	
13) 1,4-Dichlorobenzene	6.65	146	651182m	46.82	ng	
14) 1,2-Dichlorobenzene	6.81	146	636605	49.87	ng	98
15) Benzyl Alcohol	6.80	79	292675	28.45	ng	93
16) 2,2'-oxybis(1-Chloropropan	6.93	45	840866	43.17	ng	87
17) 2-Methylphenol	6.92	107	336480	33.16	ng	# 88
18) Hexachloroethane	7.15	117	258384m	48.00	ng	
19) n-Nitroso-di-n-propylamine	7.07	70	524505	51.89	ng	94
20) 3+4-Methylphenols	7.08	107	388842	31.92	ng	98
22) Acetophenone	7.06	105	936165	52.16	ng	# 93
24) Nitrobenzene	7.23	77	726840	46.05	ng	99
25) Isophorone	7.47	82	1413008	51.32	ng	99
26) 2-Nitrophenol	7.55	139	364459	54.57	ng	# 76
27) 2,4-Dimethylphenol	7.61	122	512567	46.41	ng	98
28) bis(2-Chloroethoxy)methane	7.69	93	828535	55.08	ng	99
29) 2,4-Dichlorophenol	7.80	162	506326	52.52	ng	93
30) 1,2,4-Trichlorobenzene	7.87	180	576781	53.21	ng	99
31) Naphthalene	7.95	128	2355064	63.17	ng	97
32) Benzoic acid	7.73	122	79946	13.37	ng	99
33) 4-Chloroaniline	8.01	127	193752	12.50	ng	# 93
34) Hexachlorobutadiene	8.06	225	302568	51.72	ng	100
35) Caprolactam	8.43	113	8332	2.75	ng	# 75
36) 4-Chloro-3-methylphenol	8.50	107	528696	45.30	ng	87
37) 2-Methylnaphthalene	8.64	142	1321785	55.15	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	565240	55.82	ng	99
40) Hexachlorocyclopentadiene	8.80	237	440287	109.35	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.93	196	369530	56.53	nq	96
43) 2,4,5-Trichlorophenol	8.98	196	363467	52.96	nq #	92
45) 1,1'-Biphenyl	9.10	154	1344429	46.36	nq	98
46) 2-Chloronaphthalene	9.13	162	1079050	49.01	nq	99
47) 2-Nitroaniline	9.24	65	376662	46.10	nq #	80
48) Acenaphthylene	9.54	152	1497575	43.64	nq	97
49) Dimethylphthalate	9.42	163	1454026	55.83	nq	99
50) 2,6-Dinitrotoluene	9.48	165	287835	51.57	nq #	72
51) Acenaphthene	9.71	154	998515	46.35	nq	99
52) 3-Nitroaniline	9.65	138	78453	11.85	nq	80
53) 2,4-Dinitrophenol	9.77	184	273332	89.13	nq	92
54) Dibenzofuran	9.88	168	1491527	51.44	nq	96
55) 4-Nitrophenol	9.84	139	106635m	28.19	nq	
56) 2,4-Dinitrotoluene	9.89	165	437618	61.63	nq #	76
57) Fluorene	10.22	166	1151840	48.59	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.01	232	316253	58.82	nq	92
59) Diethylphthalate	10.11	149	1363692	51.07	nq	99
60) 4-Chlorophenyl-phenylether	10.22	204	588395	54.54	nq	98
61) 4-Nitroaniline	10.27	138	262050m	39.14	nq	
62) Azobenzene	10.38	77	1204101m	38.31	nq	
64) 4,6-Dinitro-2-methylphenol	10.30	198	199498	50.15	nq	94
65) n-Nitrosodiphenylamine	10.35	169	1199727	58.10	nq	98
66) 4-Bromophenyl-phenylether	10.70	248	391112	57.88	nq #	83
67) Hexachlorobenzene	10.77	284	465154	62.41	nq #	89
68) Atrazine	10.89	200	336030	56.40	nq	99
69) Pentachlorophenol	10.98	266	465446	141.00	nq	98
70) Phenanthrene	11.18	178	2139714	61.95	nq	99
71) Anthracene	11.23	178	1753431	47.75	nq	99
72) Carbazole	11.39	167	1608793	48.62	nq	99
73) Di-n-butylphthalate	11.73	149	2127630	51.13	nq	99
74) Fluoranthene	12.36	202	1970488	55.01	nq	95
76) Benzidine	12.50	184	554537	49.18	nq	97
77) Pyrene	12.59	202	2097845	63.47	nq	98
79) Butylbenzylphthalate	13.22	149	1101965	69.70	nq #	82
80) Benzo(a)anthracene	13.78	228	1641760	57.29	nq	99
81) 3,3'-Dichlorobenzidine	13.75	252	298867	29.68	nq #	99
82) Chrysene	13.81	228	1812244	64.13	nq	96
83) Bis(2-ethylhexyl)phthalate	13.78	149	1151515	53.82	nq #	95
84) Di-n-octyl phthalate	14.39	149	2146743	61.02	nq	96
85) Indeno(1,2,3-cd)pyrene	16.43	276	1447168	61.72	nq	95
87) Benzo(b)fluoranthene	14.79	252	1997707m	67.91	nq	
88) Benzo(k)fluoranthene	14.81	252	1249026m	48.41	nq	
89) Benzo(a)pyrene	15.11	252	1488188	58.11	nq #	98
90) Dibenzo(a,h)anthracene	16.44	278	1238424	55.94	nq #	94
91) Benzo(g,h,i)perylene	16.81	276	1137146	56.80	nq	95

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

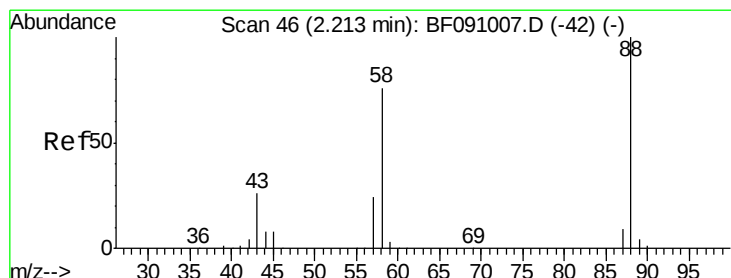
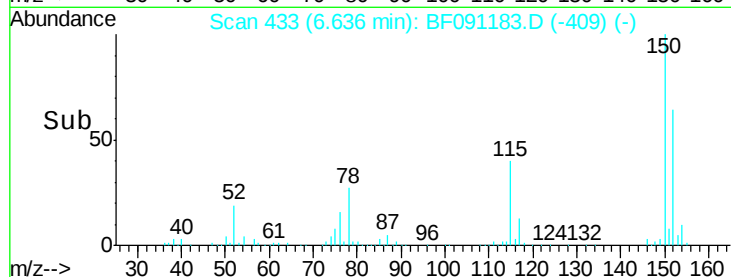
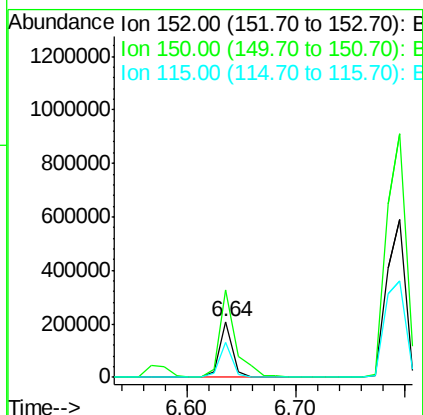
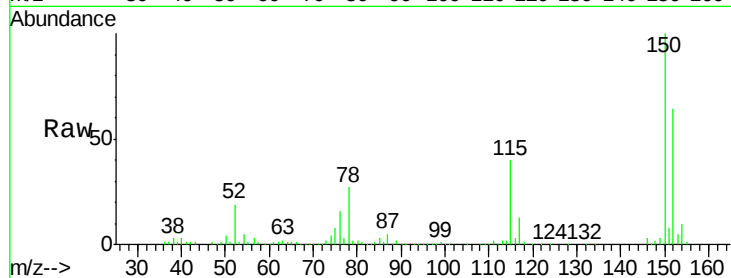


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.64 min Scan# 433
Delta R.T. -0.02 min
Lab File: BF091183.D
Acq: 15 Nov 2016 17:16

Instrument :
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ClientSampleId :
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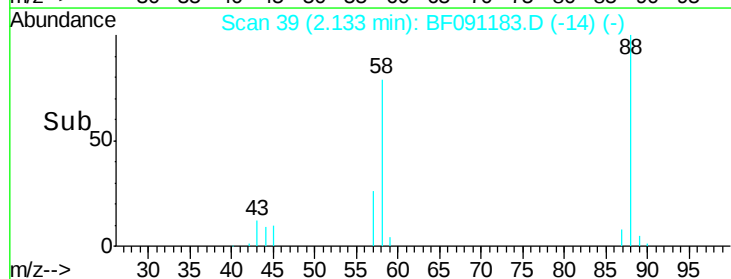
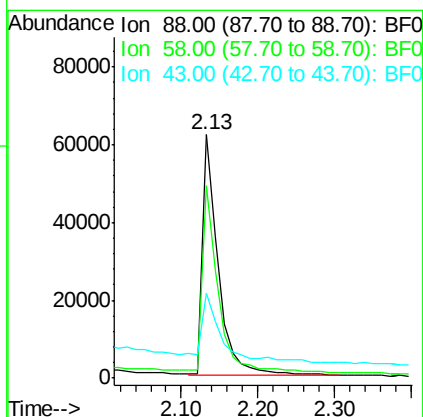
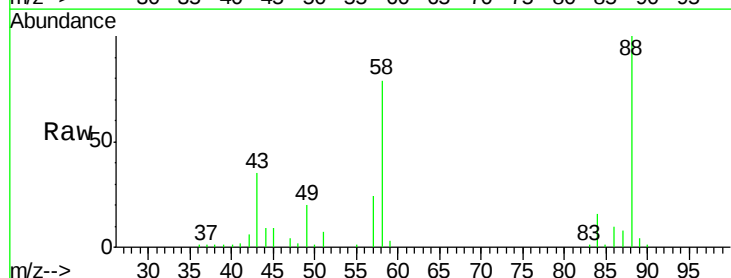
Tot Ion:152 Resp: 177469
Ion Ratio Lower Upper
152 100
150 155.8 126.8 190.2
115 62.5 53.3 79.9

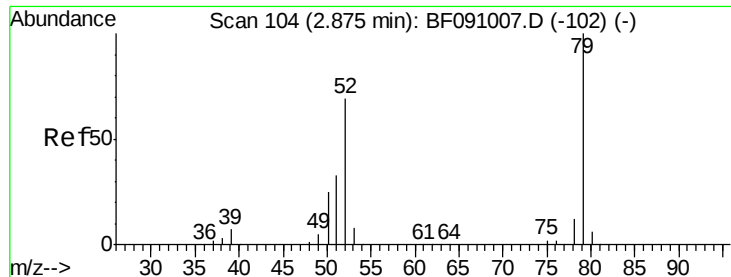


#2

1,4-Dioxane
Concen: 14.21 ng
RT: 2.13 min Scan# 39
Delta R.T. -0.01 min
Lab File: BF091183.D
Acq: 15 Nov 2016 17:16

Tgt Ion: 88 Resp: 87368
Ion Ratio Lower Upper
88 100
58 76.0 63.8 95.6
43 47.5 22.6 33.8#





#3

Pvridine

Concen: 14.77 ng

RT: 2.80 min Scan# 97

Delta R.T. 0.01 min

Lab File: BF091183.D

Acq: 15 Nov 2016 17:16

Instrument :

BNA_F

ClientSampleId :

C19023041MS

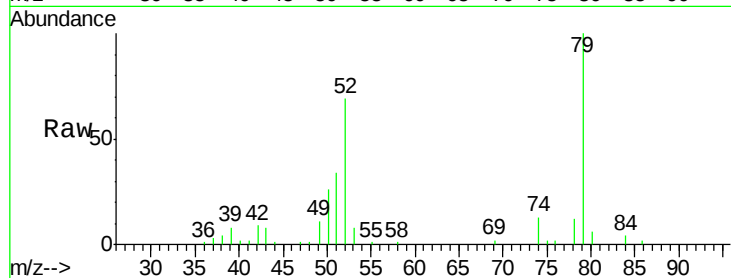
Tot Ion: 79 Resp: 212443

Ion Ratio Lower Upper

79 100

52 69.0 55.4 83.0

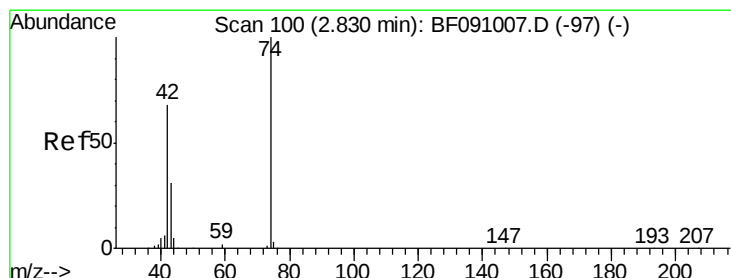
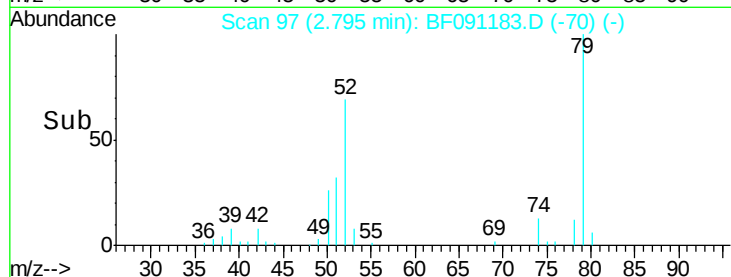
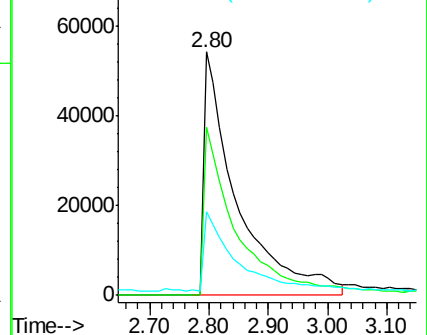
51 34.5 27.4 41.0



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: 16.40 ng

RT: 2.74 min Scan# 92

Delta R.T. -0.01 min

Lab File: BF091183.D

Acq: 15 Nov 2016 17:16

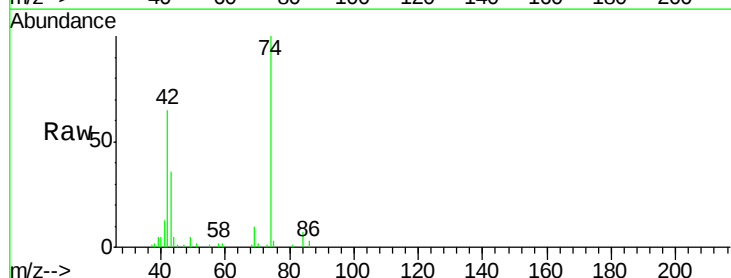
Tgt Ion: 42 Resp: 93289

Ion Ratio Lower Upper

42 100

74 154.3 117.3 175.9

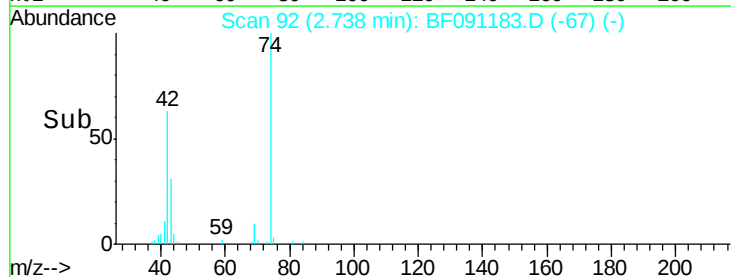
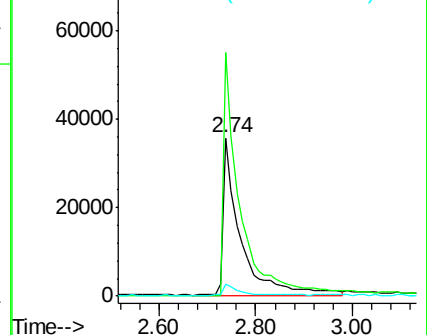
44 7.7 5.8 8.8



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: 62.77 ng

RT: 5.22 min Scan# 309

Delta R.T. -0.02 min

Lab File: BF091183.D

Acq: 15 Nov 2016 17:16

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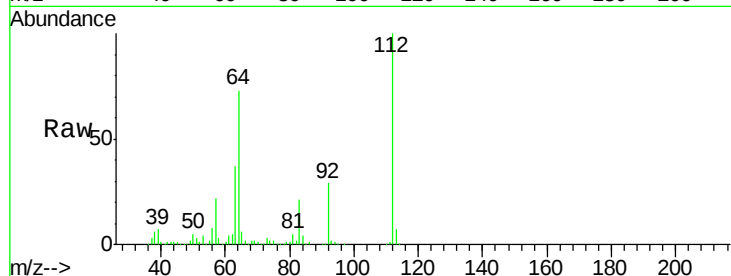
Tot Ion:112 Resp: 674482

Ion Ratio Lower Upper

112 100

64 72.7 55.8 83.6

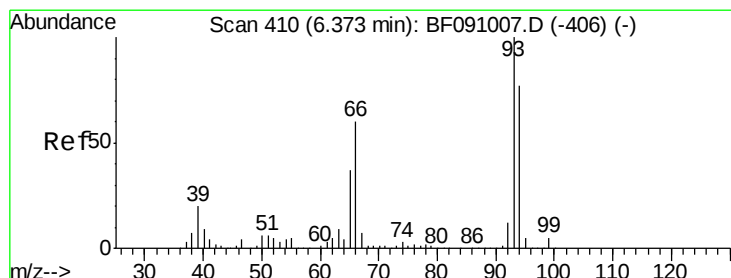
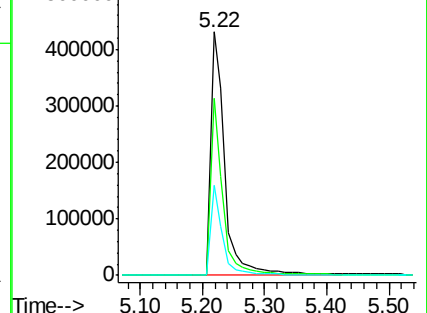
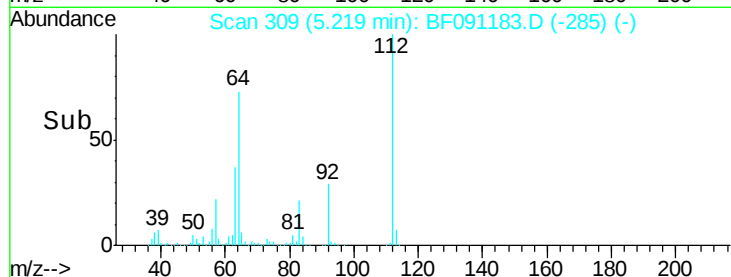
63 36.9 28.0 42.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 19.29 ng

RT: 6.30 min Scan# 404

Delta R.T. -0.02 min

Lab File: BF091183.D

Acq: 15 Nov 2016 17:16

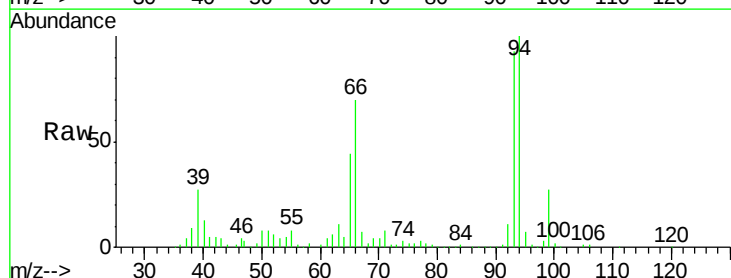
Tgt Ion: 93 Resp: 331920

Ion Ratio Lower Upper

93 100

66 74.9 48.2 72.2#

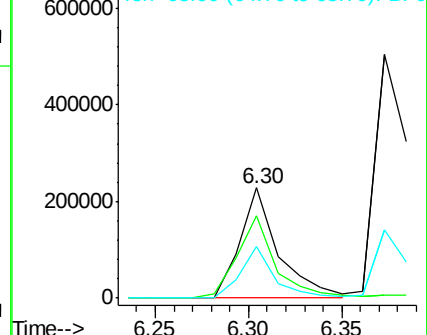
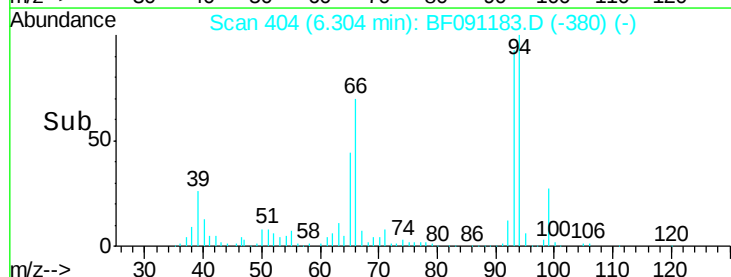
65 47.2 29.4 44.0#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 39.31 ng

RT: 6.29 min Scan# 403

Delta R.T. -0.02 min

Lab File: BF091183.D

Acq: 15 Nov 2016 17:16

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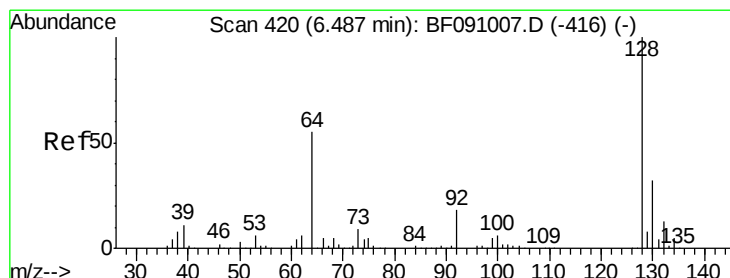
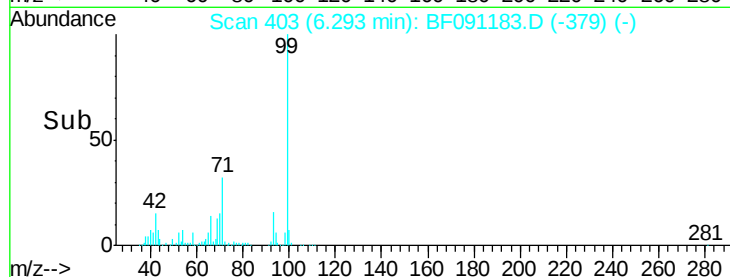
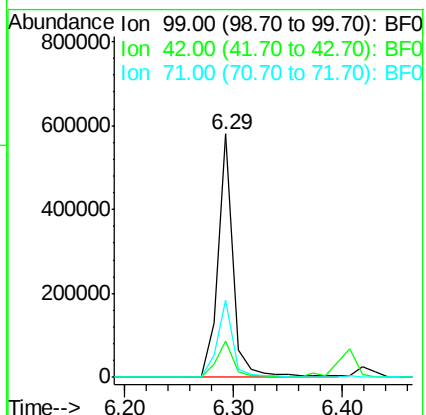
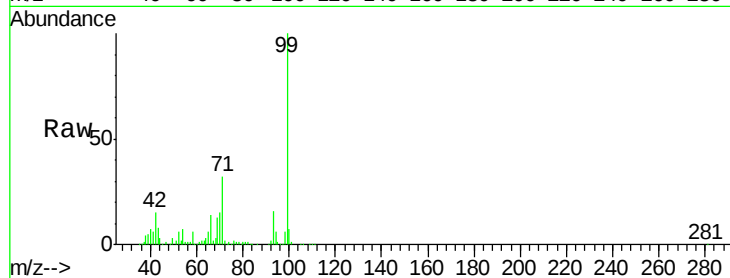
Tot Ion: 99 Resp: 573339

Ion Ratio Lower Upper

99 100

42 14.7 13.9 20.9

71 31.7 27.8 41.8



#8

2-Chlorophenol

Concen: 40.50 ng

RT: 6.42 min Scan# 414

Delta R.T. -0.03 min

Lab File: BF091183.D

Acq: 15 Nov 2016 17:16

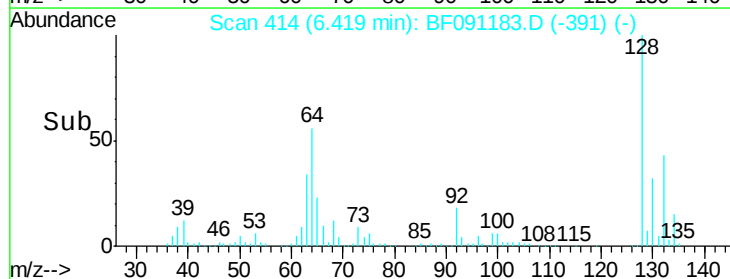
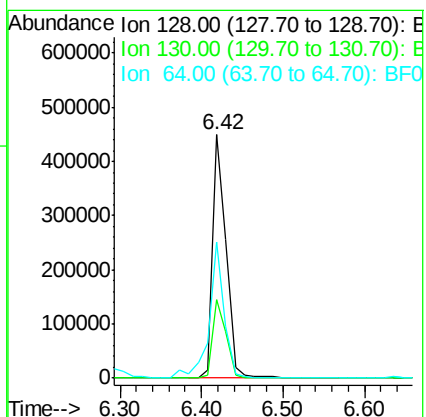
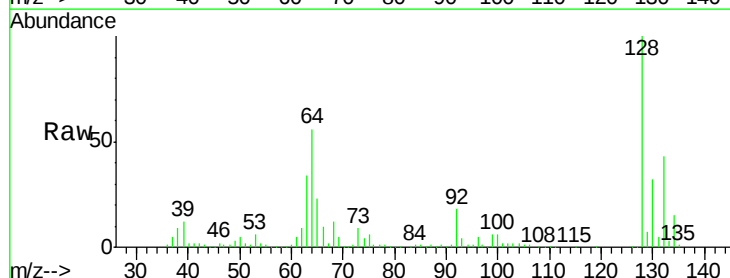
Tgt Ion: 128 Resp: 519077

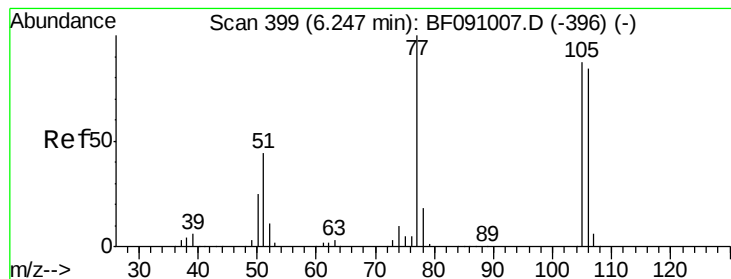
Ion Ratio Lower Upper

128 100

130 32.3 12.0 52.0

64 56.0 37.2 77.2





#9

Benzaldehyde

Concen: 6.91 ng

RT: 6.19 min Scan# 394

Delta R.T. -0.01 min

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ClientSampleId :

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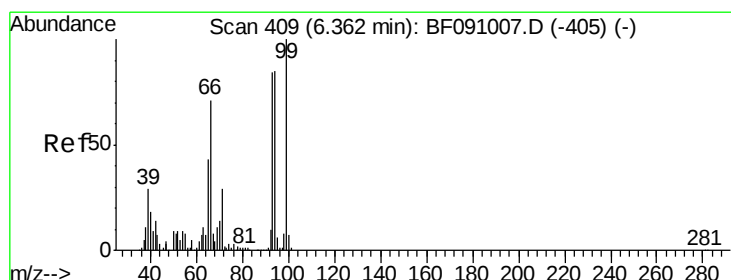
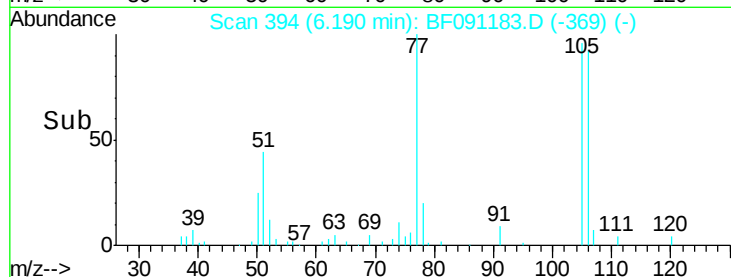
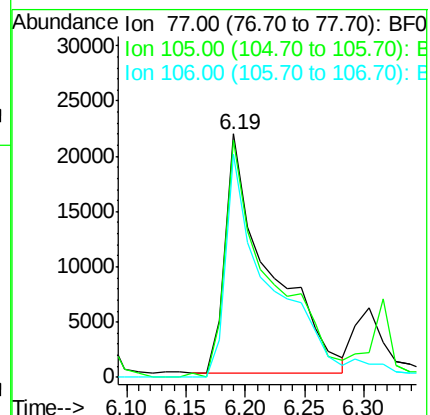
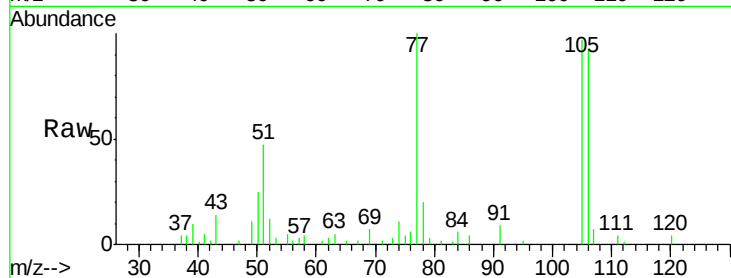
Tot Ion: 77 Resp: 55974

Ion Ratio Lower Upper

77 100

105 97.5 66.8 106.8

106 91.7 64.0 104.0



#10

Phenol

Concen: 16.16 ng

RT: 6.30 min Scan# 404

Delta R.T. -0.02 min

Lab File: BF091183.D

Acq: 15 Nov 2016 17:16

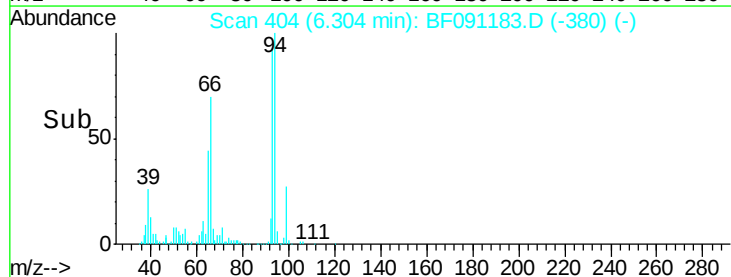
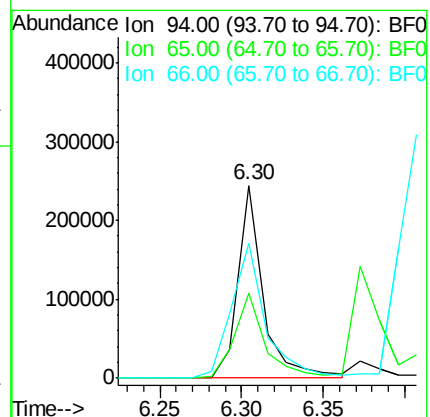
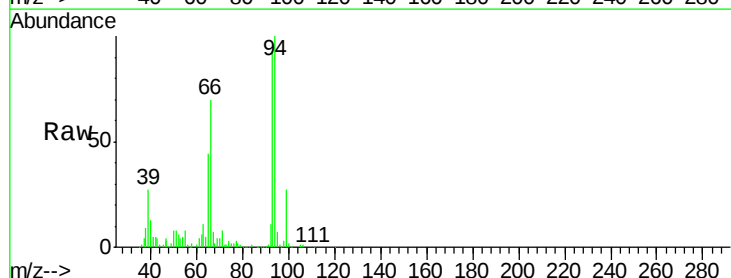
Tgt Ion: 94 Resp: 260828

Ion Ratio Lower Upper

94 100

65 44.1 30.4 70.4

66 70.0 62.9 102.9





#11

bis(2-Chloroethyl)ether

Concen: 46.21 ng

RT: 6.37 min Scan# 410

Delta R.T. -0.03 min

Lab File: BF091183.D

Acq: 15 Nov 2016 17:16

Instrument :

BNA_F

ClientSampleId :

C19023041MS

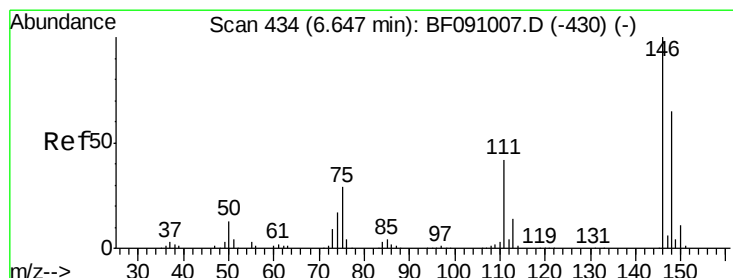
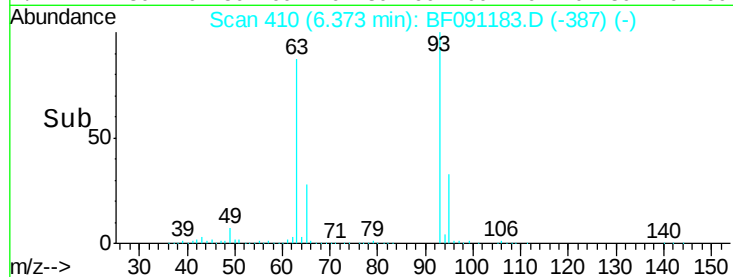
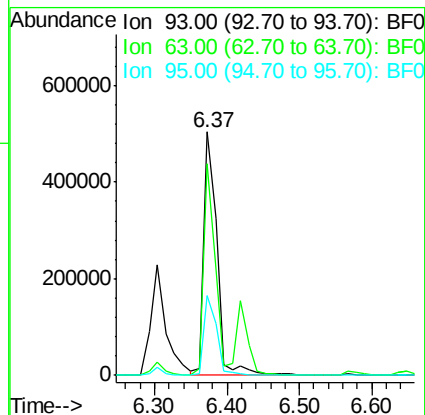
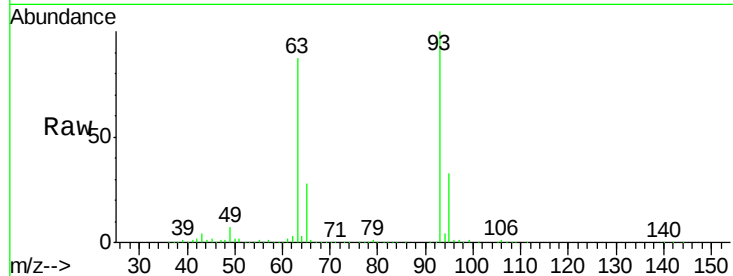
Tot Ion: 93 Resp: 628506

Ion Ratio Lower Upper

93 100

63 87.0 68.9 108.9

95 32.9 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 48.16 ng m

RT: 6.57 min Scan# 427

Delta R.T. -0.03 min

Lab File: BF091183.D

Acq: 15 Nov 2016 17:16

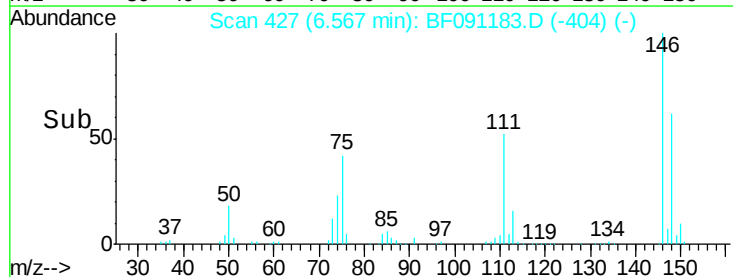
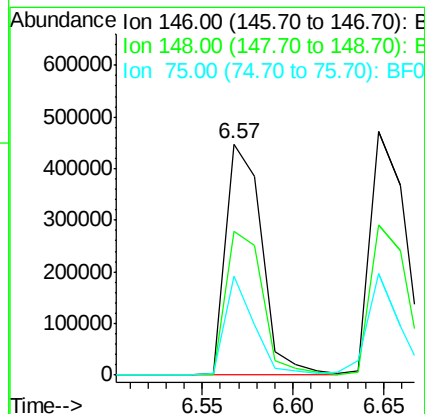
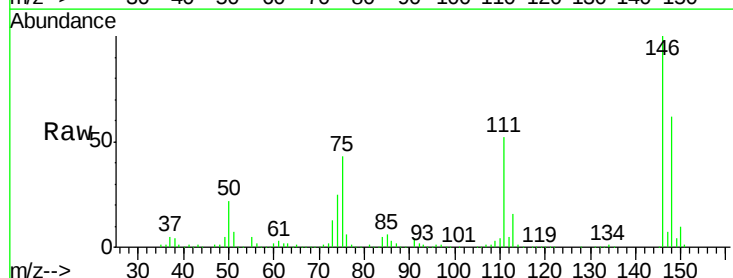
Tgt Ion: 146 Resp: 624291

Ion Ratio Lower Upper

146 100

148 62.3 52.0 78.0

75 42.9 23.0 34.6#

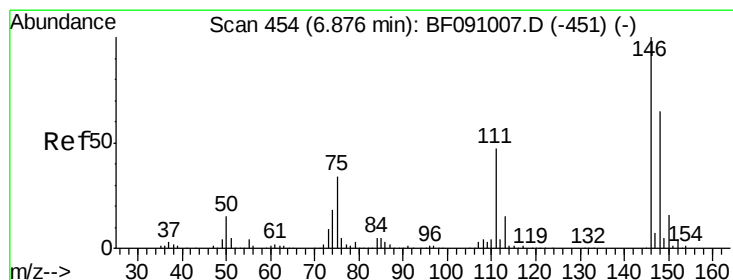
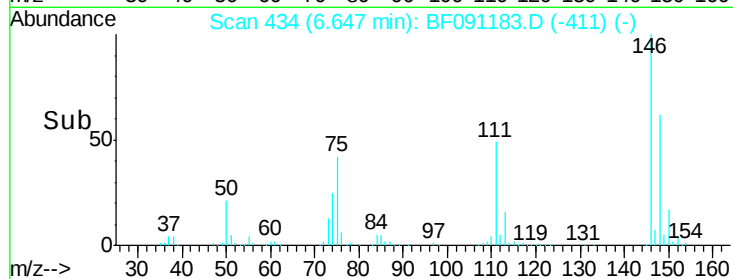
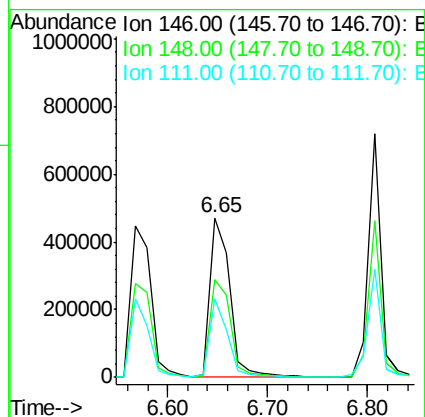
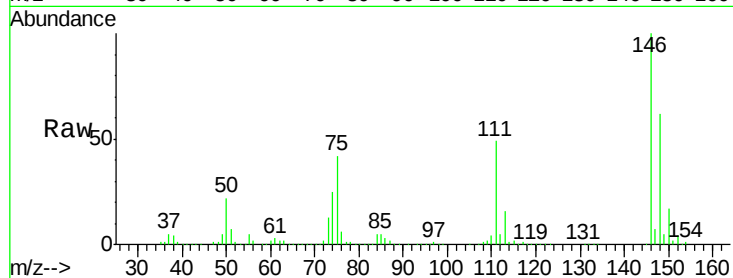




#13
 1,4-Dichlorobenzene
 Concen: 46.82 ng m
 RT: 6.65 min Scan# 434
 Delta R.T. -0.03 min
 Lab File: BF091183.D
 Acq: 15 Nov 2016 17:16

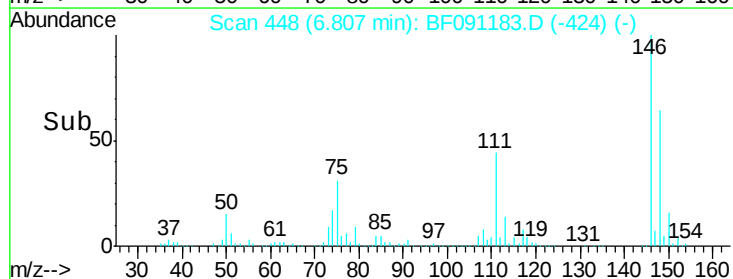
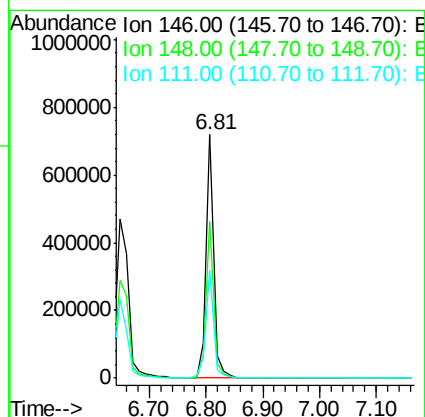
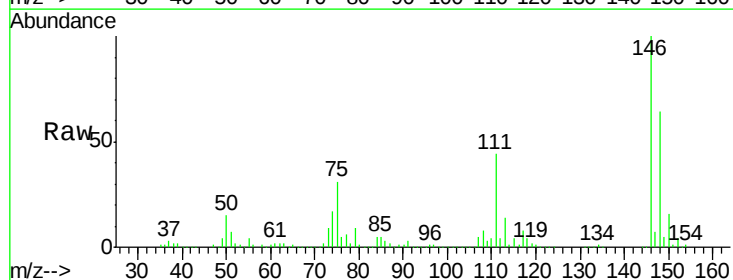
Instrument :
 BNA_F
 ClientSampleId :
 C19023041MS

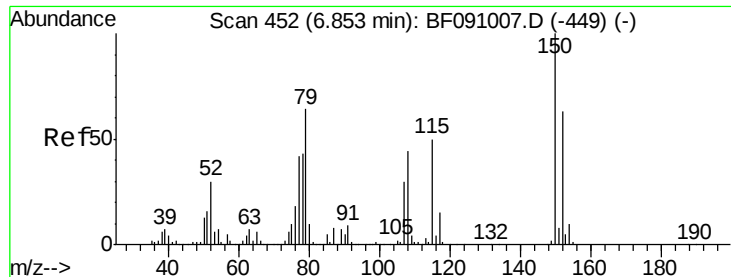
Tot Ion:146 Resp: 651182
 Ion Ratio Lower Upper
 146 100
 148 61.6 52.1 78.1
 111 49.3 31.6 47.4#



#14
 1,2-Dichlorobenzene
 Concen: 49.87 ng
 RT: 6.81 min Scan# 448
 Delta R.T. -0.02 min
 Lab File: BF091183.D
 Acq: 15 Nov 2016 17:16

Tgt Ion:146 Resp: 636605
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.6 77.4
 111 44.4 37.3 55.9





#15

Benzyl Alcohol

Concen: 28.45 ng

RT: 6.80 min Scan# 447

Delta R.T. -0.02 min

Lab File: BF091183.D

Acq: 15 Nov 2016 17:16

Instrument :

BNA_F

ClientSampleId :

C19023041MS

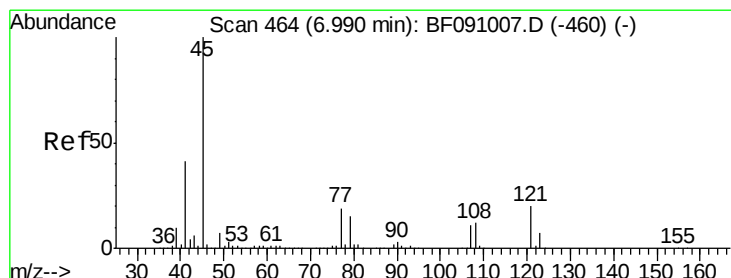
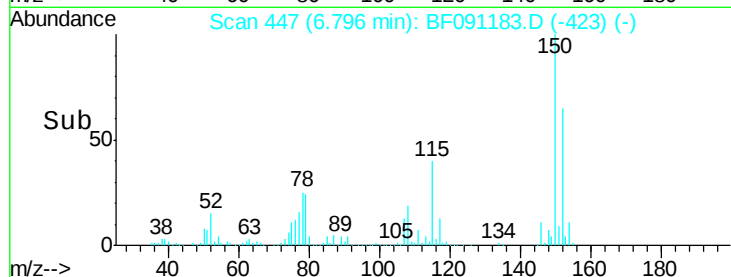
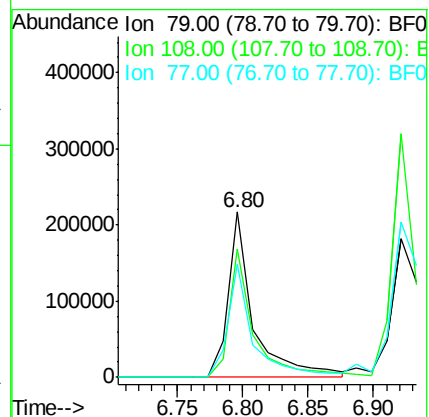
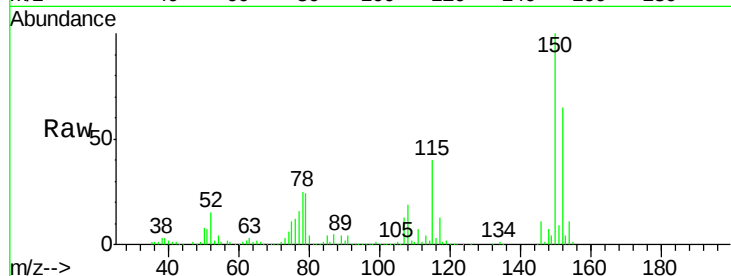
Tot Ion: 79 Resp: 292675

Ion Ratio Lower Upper

79 100

108 78.0 55.7 83.5

77 68.3 52.6 79.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.17 ng

RT: 6.93 min Scan# 459

Delta R.T. -0.02 min

Lab File: BF091183.D

Acq: 15 Nov 2016 17:16

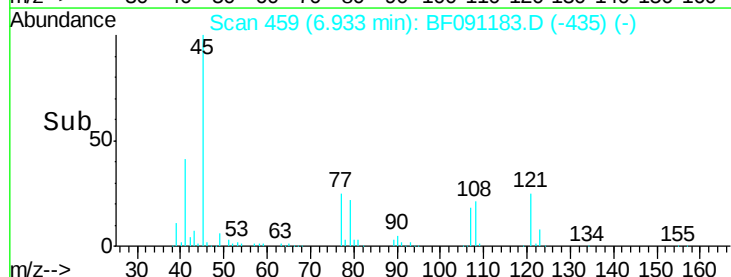
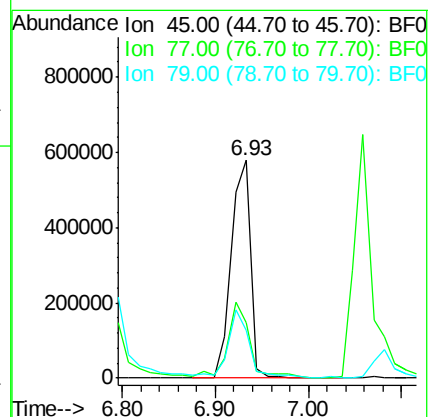
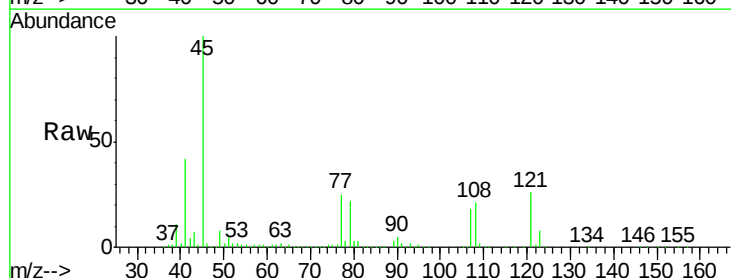
Tgt Ion: 45 Resp: 840866

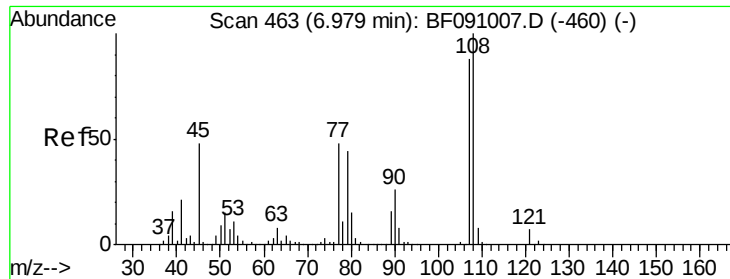
Ion Ratio Lower Upper

45 100

77 25.4 0.0 39.6

79 21.7 0.0 35.9





#17

2-Methylphenol

Concen: 33.16 ng

RT: 6.92 min Scan# 458

Delta R.T. -0.02 min

Lab File: BF091183.D

Acq: 15 Nov 2016 17:16

Instrument :

BNA_F

ClientSampleId :

C19023041MS

Tot Ion:107 Resp: 336480

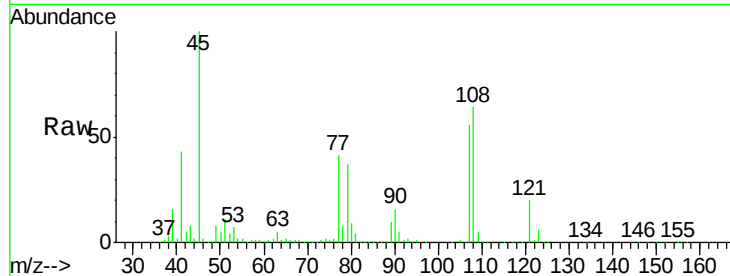
Ion Ratio Lower Upper

107 100

108 115.6 91.0 136.6

77 73.6 43.8 65.8#

79 65.6 40.6 60.8#

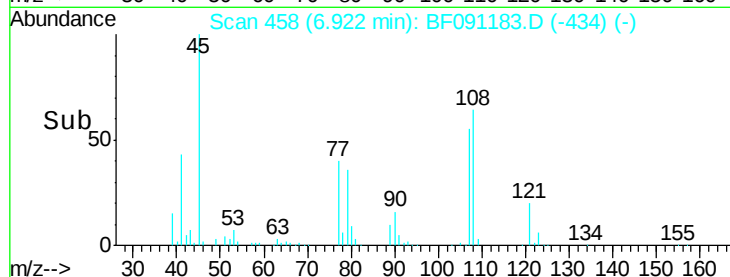


Abundance Ion 107.00 (106.70 to 107.70): E

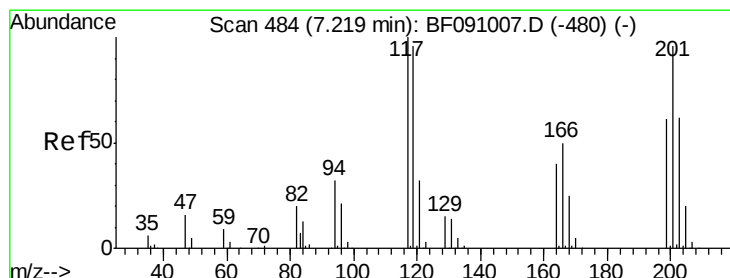
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Time-->



#18

Hexachloroethane

Concen: 48.00 ng m

RT: 7.15 min Scan# 478

Delta R.T. -0.02 min

Lab File: BF091183.D

Acq: 15 Nov 2016 17:16

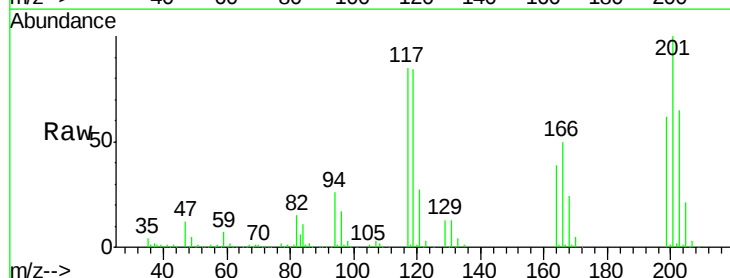
Tgt Ion:117 Resp: 258384

Ion Ratio Lower Upper

117 100

119 98.8 76.6 115.0

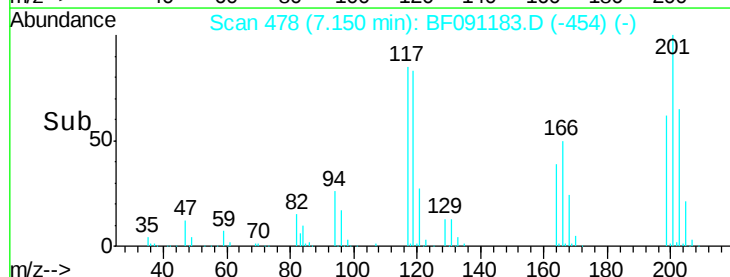
201 117.8 77.1 115.7#



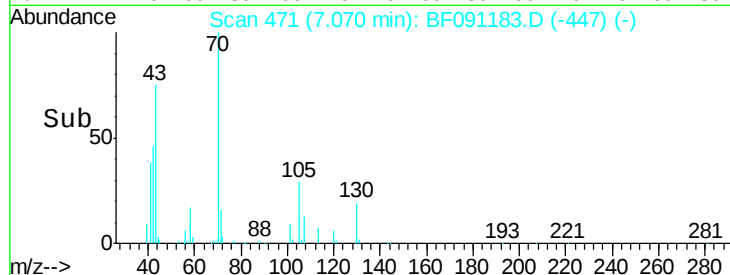
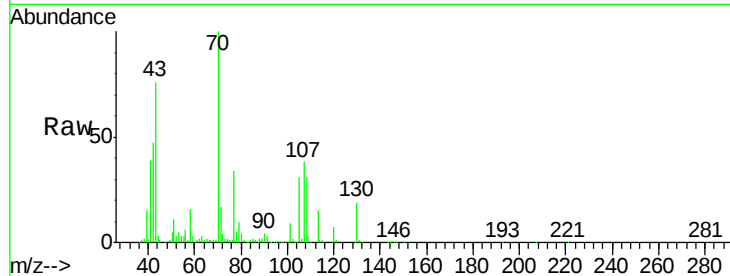
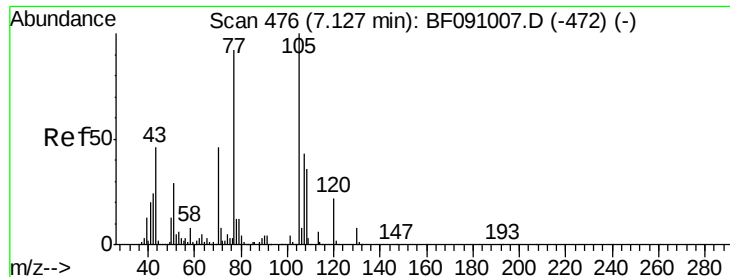
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



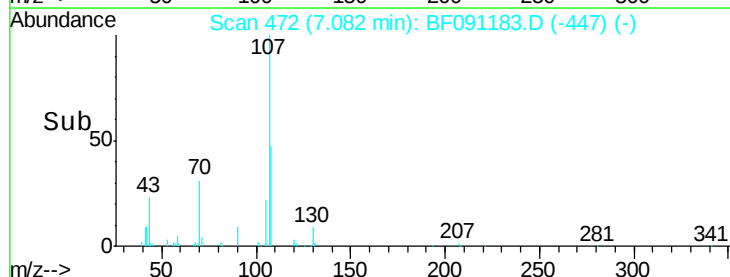
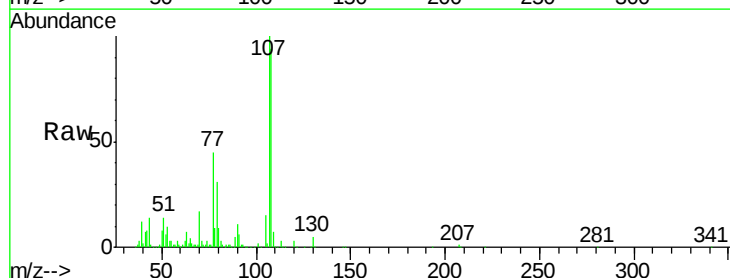
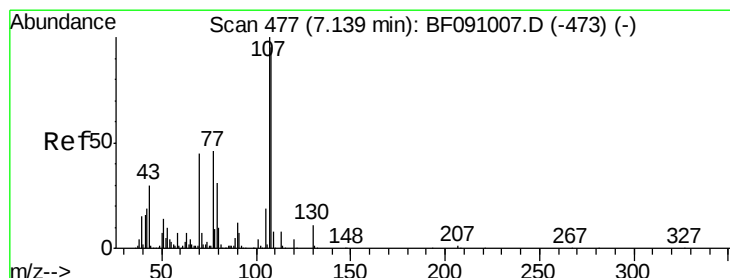
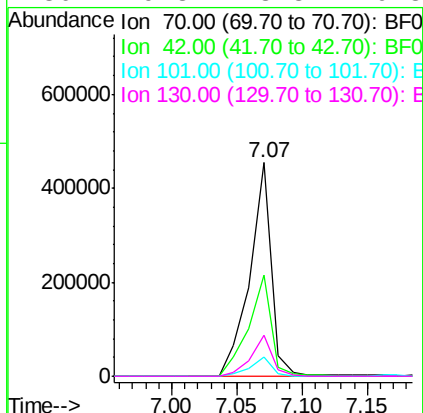
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 51.89 ng
RT: 7.07 min Scan# 471
Delta R.T. -0.02 min
Lab File: BF091183.D
Acq: 15 Nov 2016 17:16

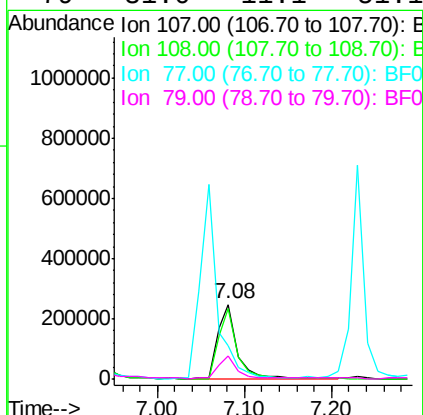
Instrument :
BNA_F
ClientSampleId :
C19023041MS

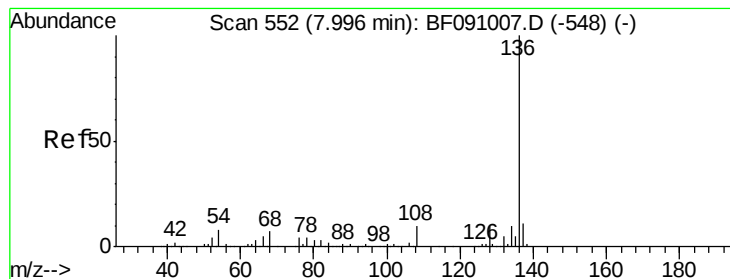
Tot Ion:	70	Resp:	524505
Ion	Ratio	Lower	Upper
70	100		
42	47.4	41.7	62.5
101	9.0	6.7	10.1
130	19.3	13.8	20.8



#20
3+4-Methylphenols
Concen: 31.92 ng
RT: 7.08 min Scan# 472
Delta R.T. -0.01 min
Lab File: BF091183.D
Acq: 15 Nov 2016 17:16

Tgt Ion:	107	Resp:	388842
Ion	Ratio	Lower	Upper
107	100		
108	93.8	75.5	115.5
77	45.1	26.4	66.4
79	31.0	11.1	51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.93 min Scan# 546

Delta R.T. -0.02 min

Lab File: BF091183.D

Acq: 15 Nov 2016 17:16

Instrument :

BNA_F

ClientSampleId :

C19023041MS

Tot Ion:136 Resp: 779533

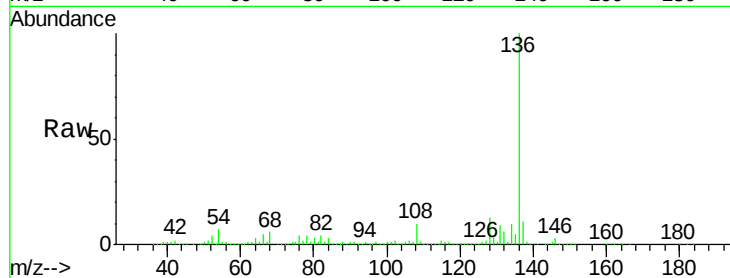
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.3 6.2 9.2

68 6.3 5.5 8.3

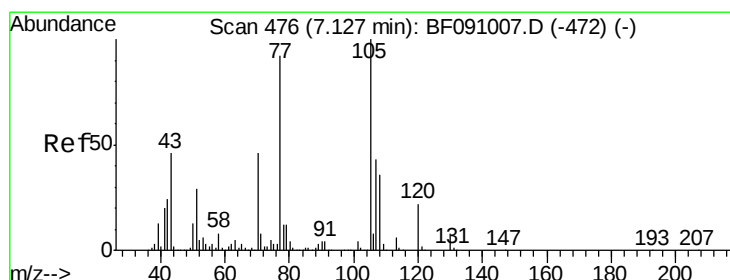
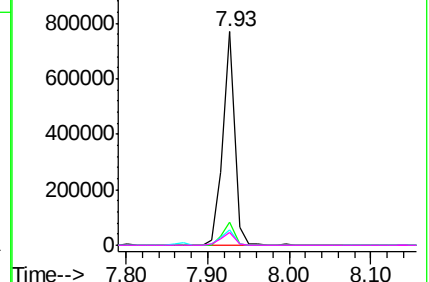
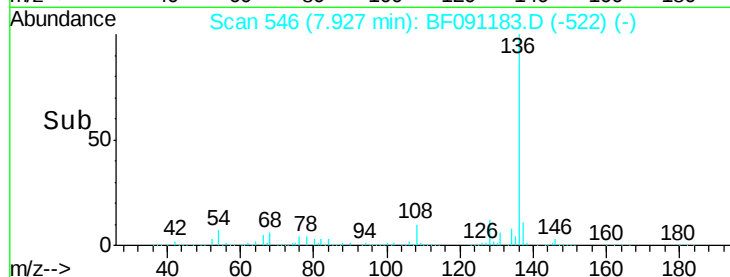


Abundance Ion 136.00 (135.70 to 136.70): E

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: 52.16 ng

RT: 7.06 min Scan# 470

Delta R.T. -0.02 min

Lab File: BF091183.D

Acq: 15 Nov 2016 17:16

Tgt Ion:105 Resp: 936165

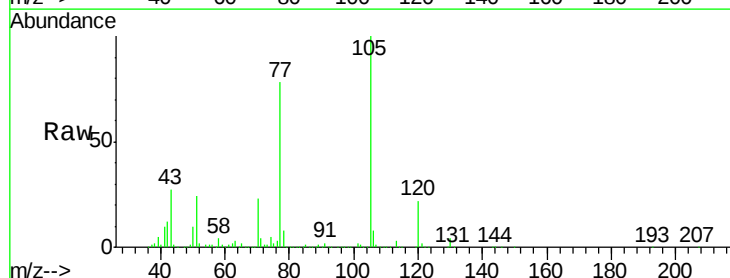
Ion Ratio Lower Upper

105 100

71 3.8 6.2 9.2#

51 23.7 23.3 34.9

120 21.8 17.4 26.0

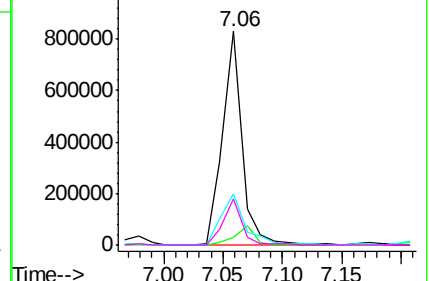
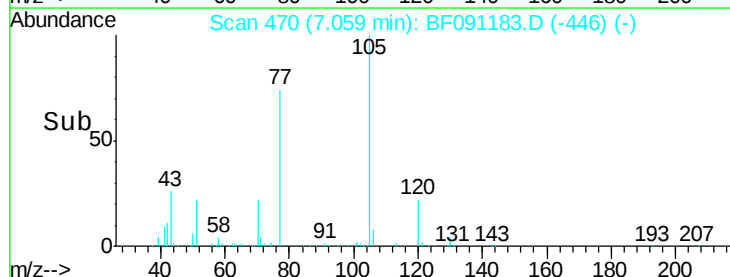


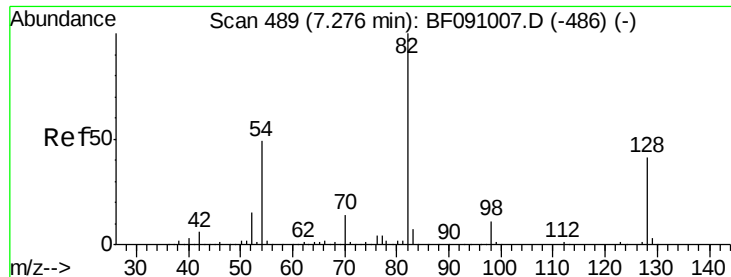
Abundance Ion 105.00 (104.70 to 105.70): E

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

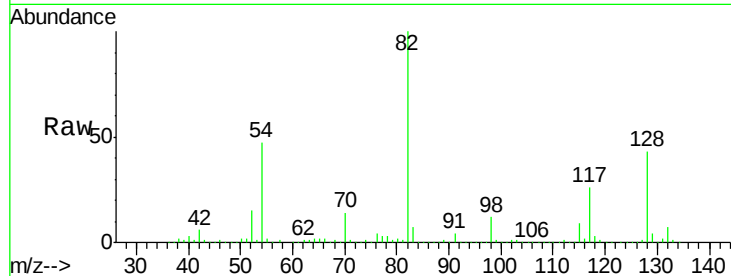




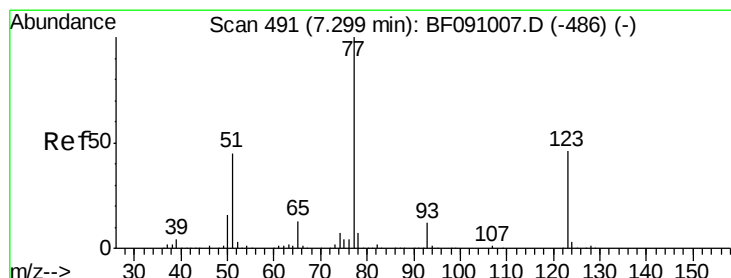
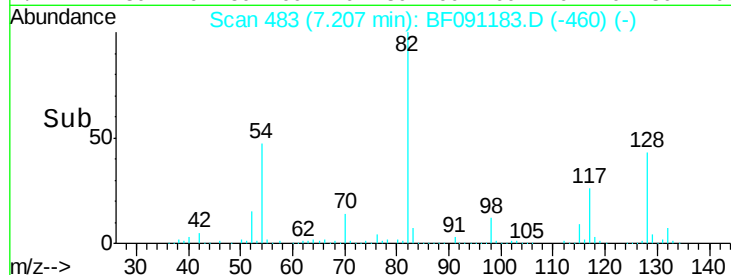
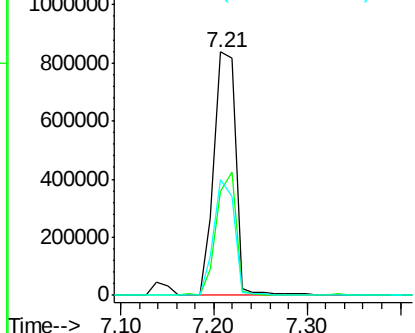
#23
Nitrobenzene-d5
Concen: 95.14 ng
RT: 7.21 min Scan# 483
Delta R.T. -0.03 min
Lab File: BF091183.D
Acq: 15 Nov 2016 17:16

Instrument :
BNA_F
ClientSampleId :
C19023041MS

Tot Ion: 82 Resp: 1359548
Ion Ratio Lower Upper
82 100
128 42.6 32.4 48.6
54 47.4 39.2 58.8

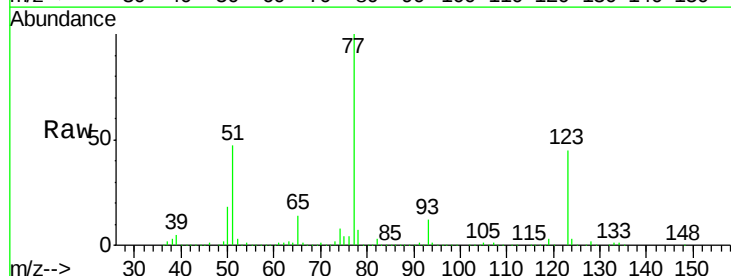


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

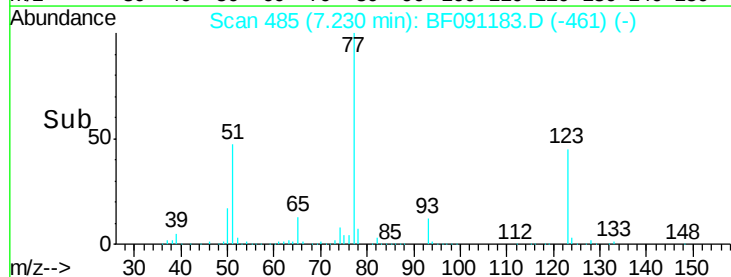
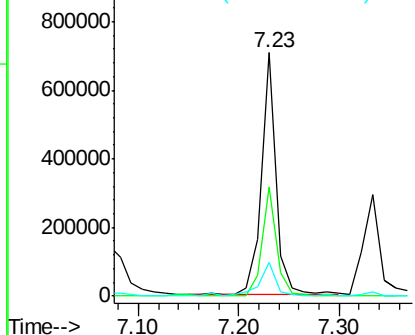


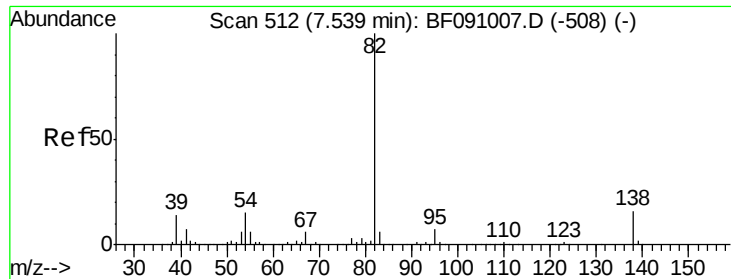
#24
Nitrobenzene
Concen: 46.05 ng
RT: 7.23 min Scan# 485
Delta R.T. -0.02 min
Lab File: BF091183.D
Acq: 15 Nov 2016 17:16

Tgt Ion: 77 Resp: 726840
Ion Ratio Lower Upper
77 100
123 44.8 36.5 54.7
65 13.9 10.7 16.1



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: 51.32 ng

RT: 7.47 min Scan# 506

Delta R.T. -0.02 min

Lab File: BF091183.D

Acq: 15 Nov 2016 17:16

Instrument :

BNA_F

ClientSampleId :

C19023041MS

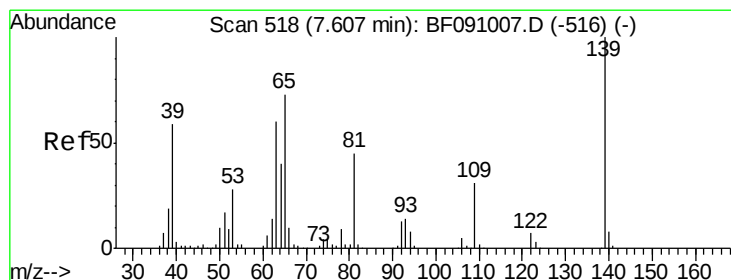
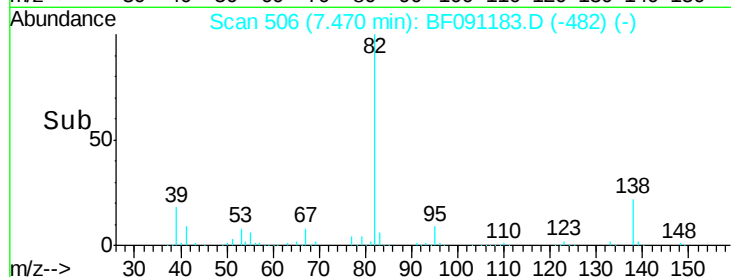
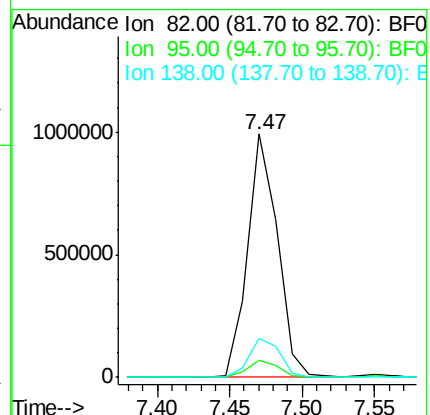
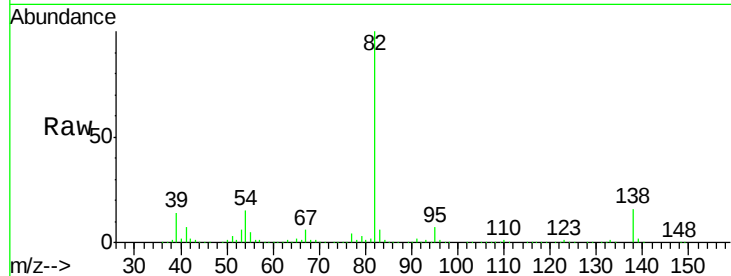
Tot Ion: 82 Resp: 1413008

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.0

138 16.0 13.0 19.4



#26

2-Nitrophenol

Concen: 54.57 ng

RT: 7.55 min Scan# 513

Delta R.T. -0.02 min

Lab File: BF091183.D

Acq: 15 Nov 2016 17:16

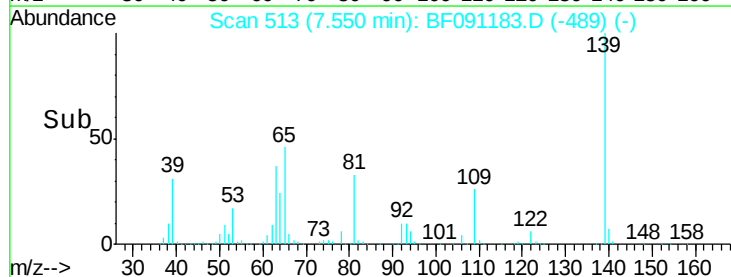
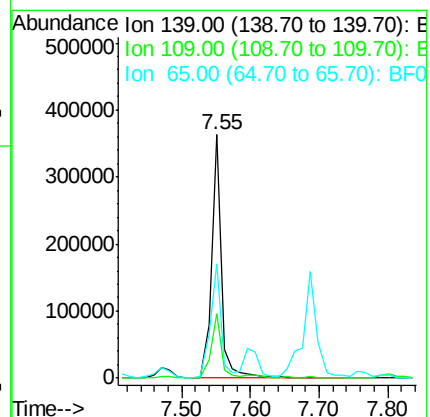
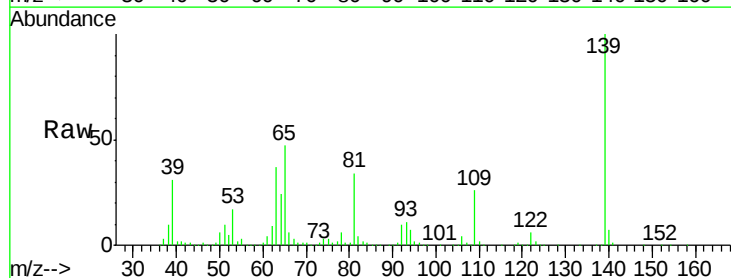
Tgt Ion: 139 Resp: 364459

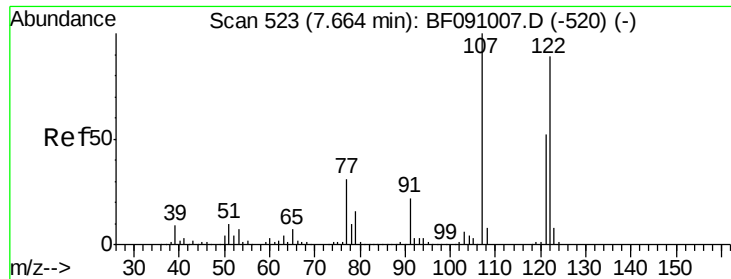
Ion Ratio Lower Upper

139 100

109 26.4 24.7 37.1

65 46.8 58.3 87.5#

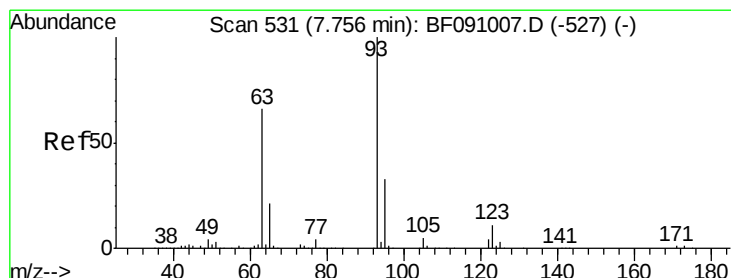
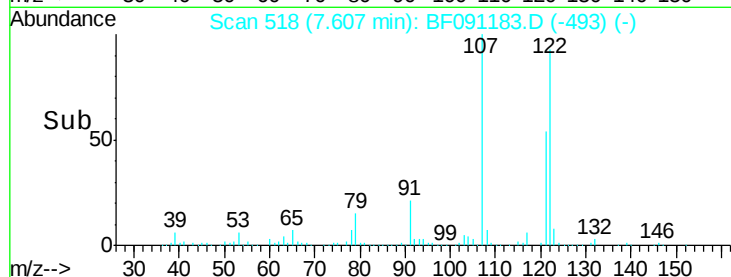
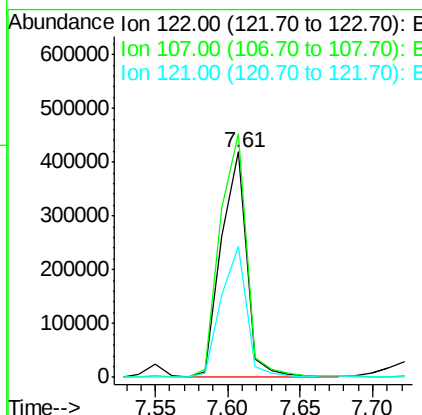
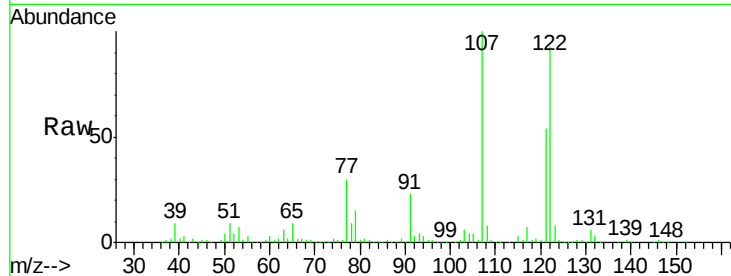




#27
 2,4-Dimethylphenol
 Concen: 46.41 ng
 RT: 7.61 min Scan# 518
 Delta R.T. -0.01 min
 Lab File: BF091183.D
 Acq: 15 Nov 2016 17:16

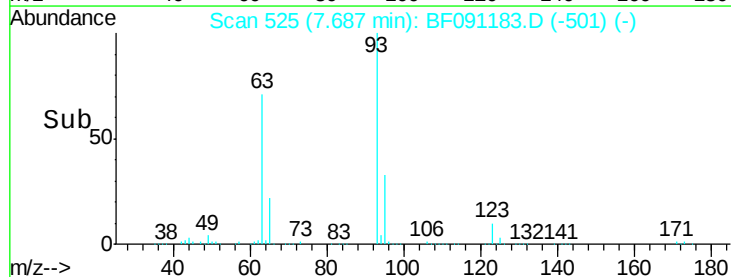
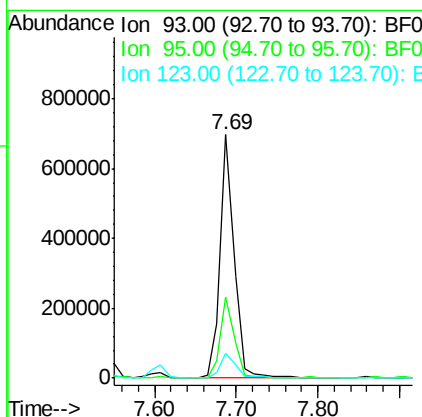
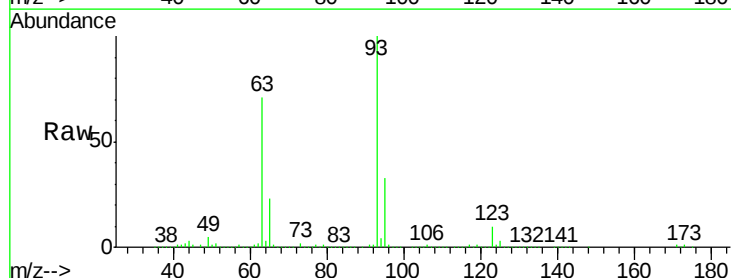
Instrument :
 BNA_F
 ClientSampleId :
 C19023041MS

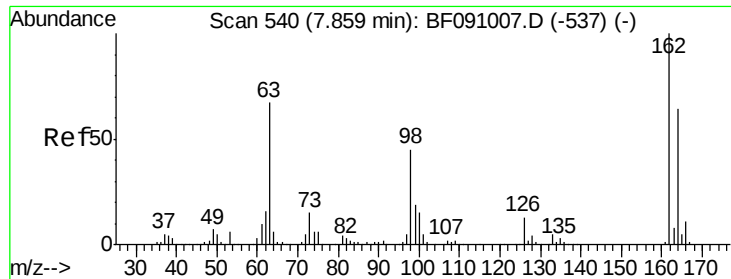
Tot Ion:122 Resp: 512567
 Ion Ratio Lower Upper
 122 100
 107 108.0 89.6 134.4
 121 57.9 46.3 69.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 55.08 ng
 RT: 7.69 min Scan# 525
 Delta R.T. -0.02 min
 Lab File: BF091183.D
 Acq: 15 Nov 2016 17:16

Tgt Ion: 93 Resp: 828535
 Ion Ratio Lower Upper
 93 100
 95 33.2 26.3 39.5
 123 10.2 8.7 13.1

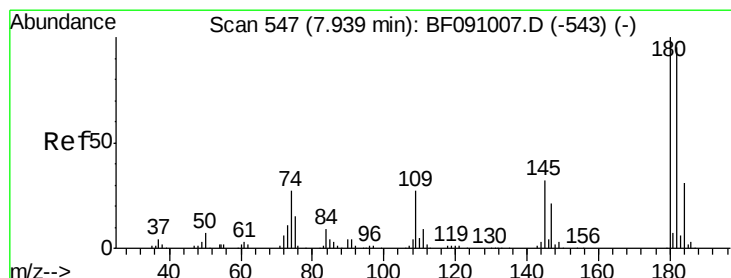
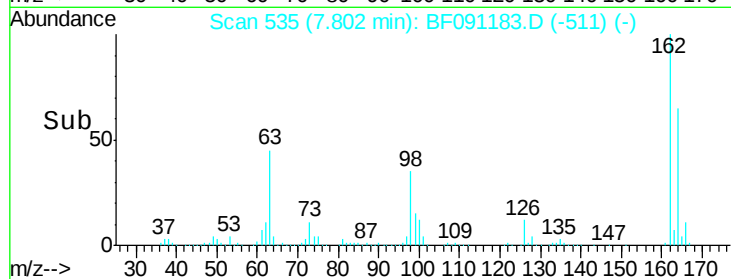
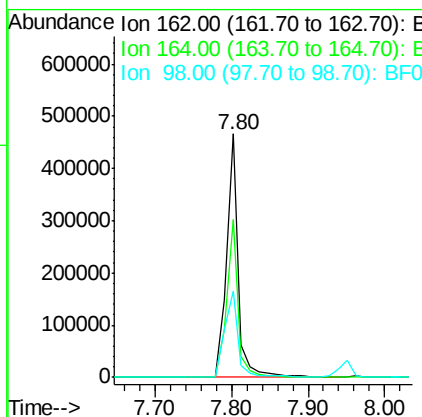
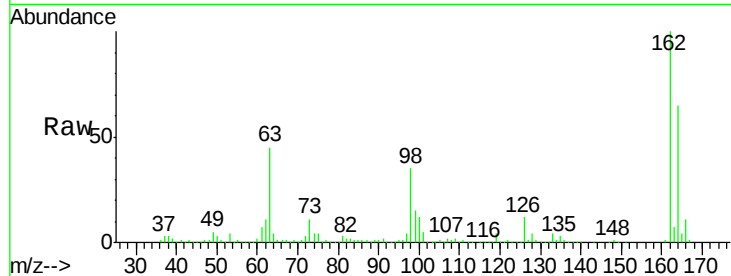




#29
 2,4-Dichlorophenol
 Concen: 52.52 ng
 RT: 7.80 min Scan# 535
 Delta R.T. -0.02 min
 Lab File: BF091183.D
 Acq: 15 Nov 2016 17:16

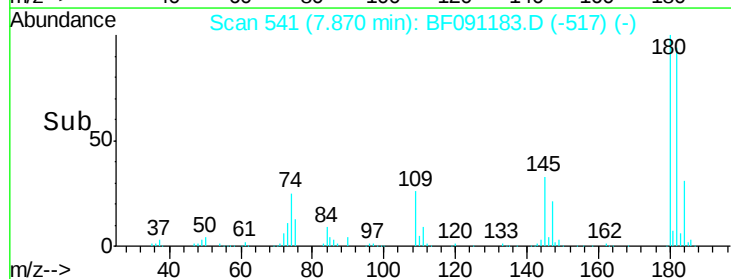
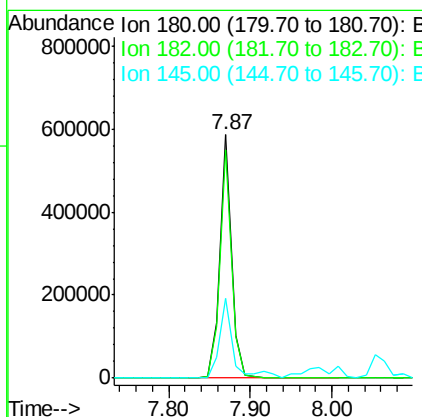
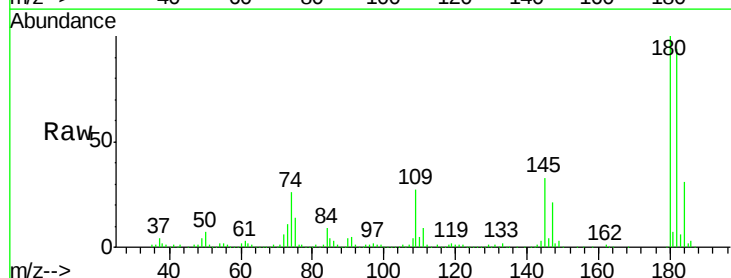
Instrument :
 BNA_F
 ClientSampleId :
 C19023041MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.1	44.4	84.4
98	35.3	25.2	65.2



#30
 1,2,4-Trichlorobenzene
 Concen: 53.21 ng
 RT: 7.87 min Scan# 541
 Delta R.T. -0.02 min
 Lab File: BF091183.D
 Acq: 15 Nov 2016 17:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	76.0	114.0
145	32.9	25.8	38.8





#31

Naphthalene

Concen: 63.17 ng

RT: 7.95 min Scan# 548

Delta R.T. -0.02 min

Lab File: BF091183.D

Acq: 15 Nov 2016 17:16

Instrument :

BNA_F

ClientSampleId :

C19023041MS

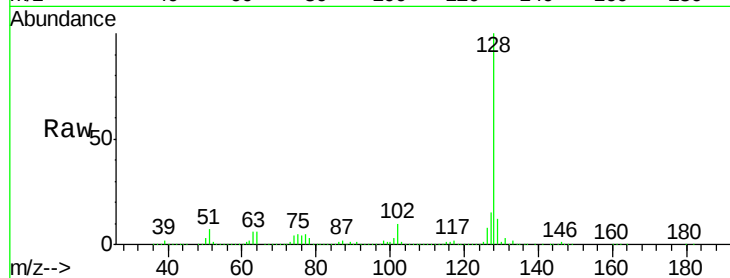
Tot Ion:128 Resp: 2355064

Ion Ratio Lower Upper

128 100

129 12.4 9.0 13.6

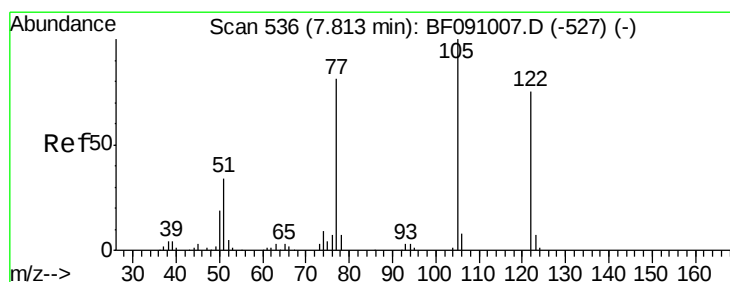
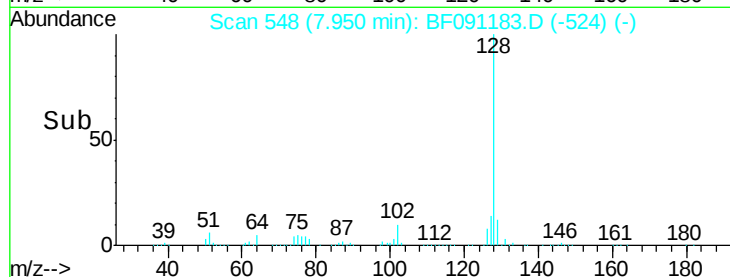
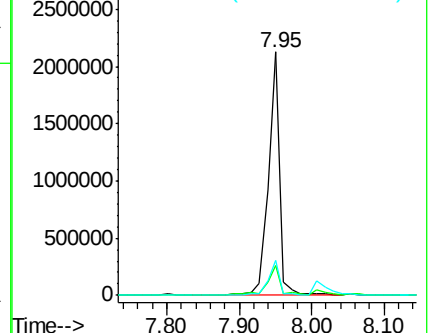
127 14.6 10.9 16.3



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: 13.37 ng

RT: 7.73 min Scan# 529

Delta R.T. -0.05 min

Lab File: BF091183.D

Acq: 15 Nov 2016 17:16

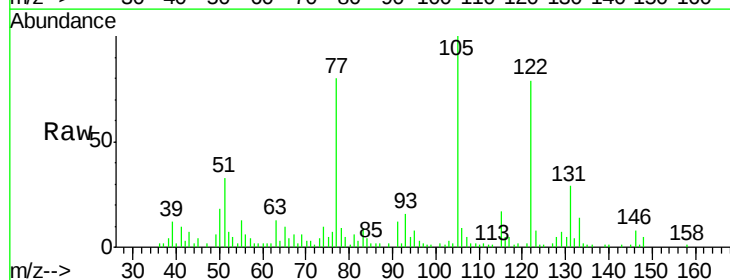
Tgt Ion:122 Resp: 79946

Ion Ratio Lower Upper

122 100

105 127.1 105.9 145.9

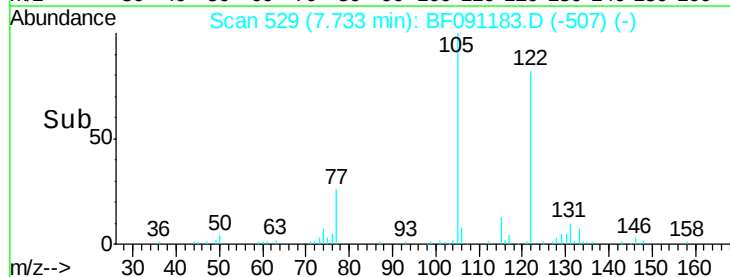
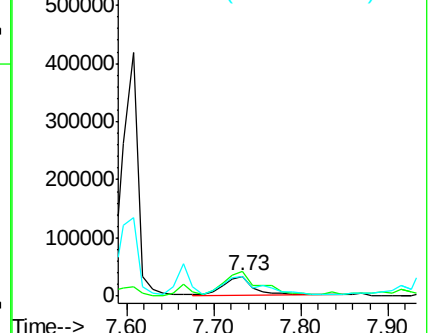
77 102.3 84.0 124.0

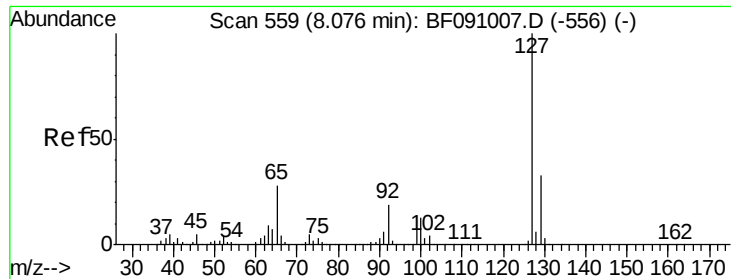


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

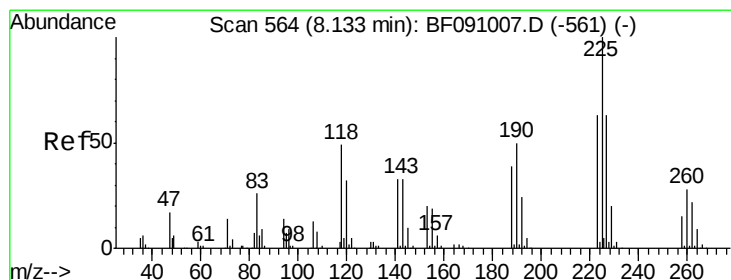
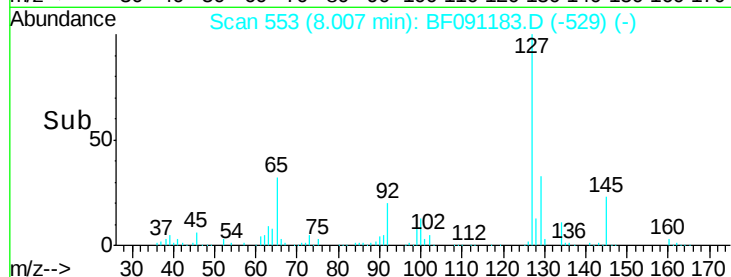
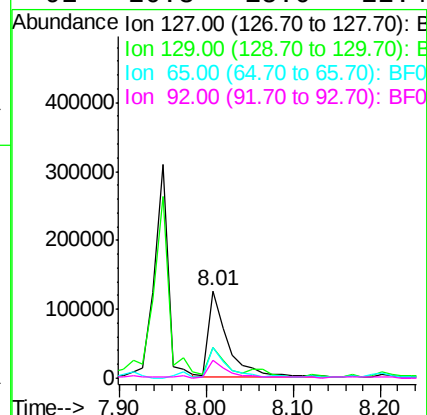
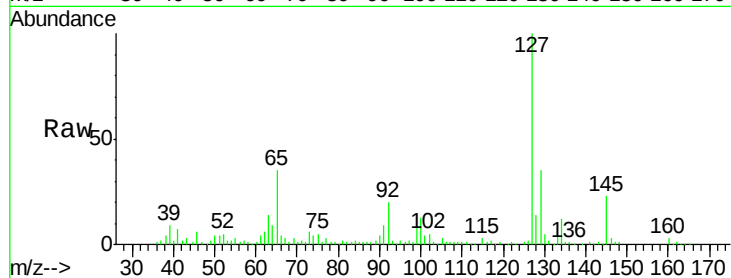




#33
4-Chloroaniline
Concen: 12.50 ng
RT: 8.01 min Scan# 553
Delta R.T. -0.02 min
Lab File: BF091183.D
Acq: 15 Nov 2016 17:16

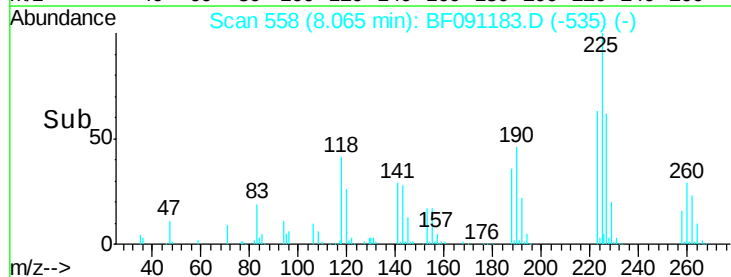
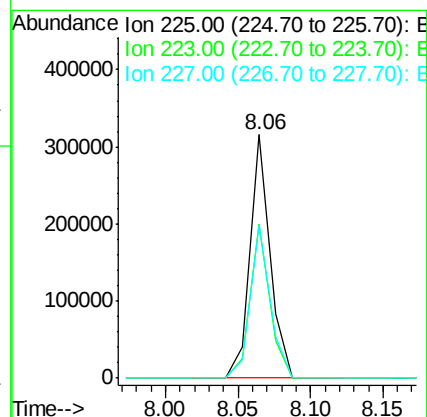
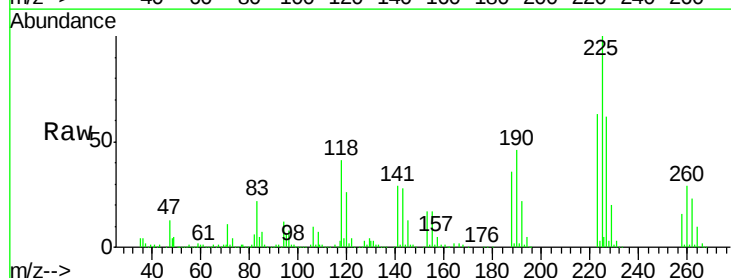
Instrument :
BNA_F
ClientSampleId :
C19023041MS

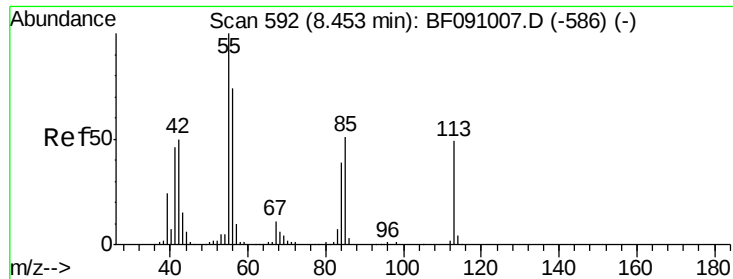
Tot Ion:	127	Resp:	193752
Ion	Ratio	Lower	Upper
127	100		
129	34.8	26.6	39.8
65	35.2	22.2	33.2#
92	20.3	15.0	22.4



#34
Hexachlorobutadiene
Concen: 51.72 ng
RT: 8.06 min Scan# 558
Delta R.T. -0.03 min
Lab File: BF091183.D
Acq: 15 Nov 2016 17:16

Tgt Ion:	225	Resp:	302568
Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.4	75.6
227	62.5	50.1	75.1





#35

Caprolactam

Concen: 2.75 ng

RT: 8.43 min Scan# 590

Delta R.T. 0.01 min

Lab File: BF091183.D

Acq: 15 Nov 2016 17:16

Instrument :

BNA_F

ClientSampleId :

C19023041MS

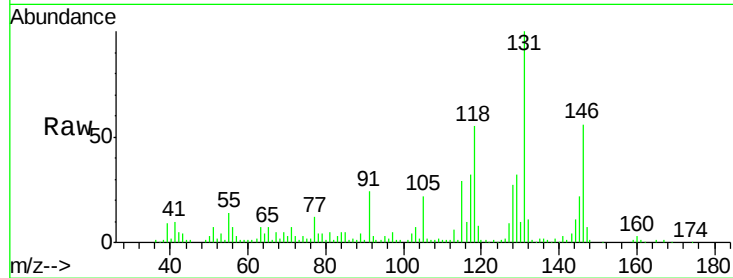
Tot Ion:113 Resp: 8332

Ion Ratio Lower Upper

113 100

55 245.0 184.1 224.1#

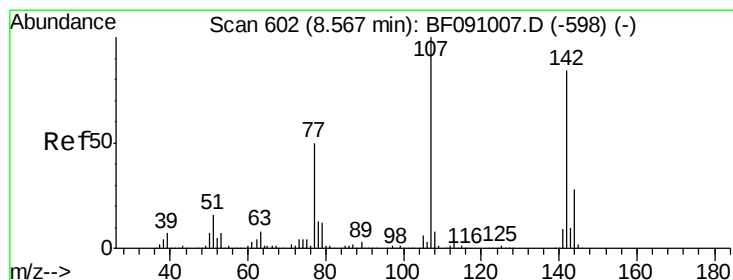
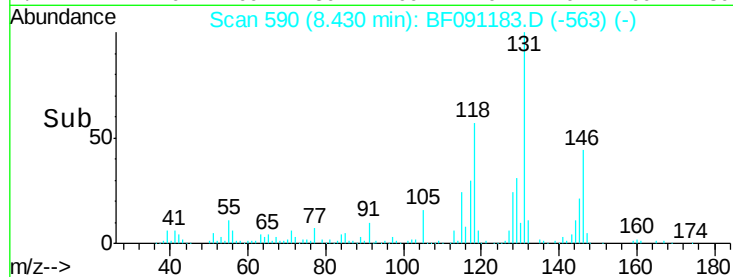
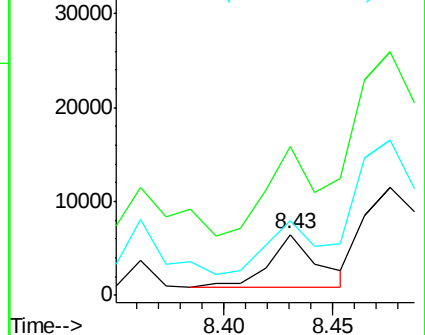
56 123.7 132.0 172.0#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 45.30 ng

RT: 8.50 min Scan# 596

Delta R.T. -0.02 min

Lab File: BF091183.D

Acq: 15 Nov 2016 17:16

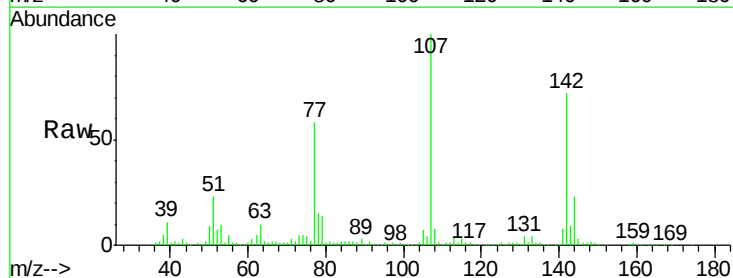
Tgt Ion:107 Resp: 528696

Ion Ratio Lower Upper

107 100

144 23.2 22.5 33.7

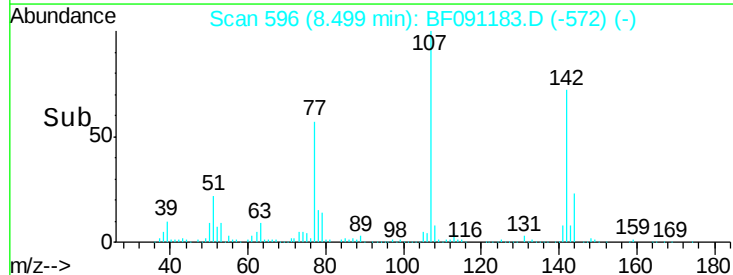
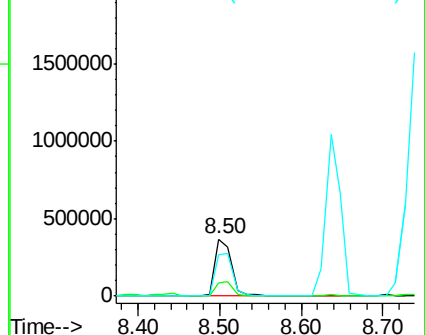
142 71.5 67.4 101.2

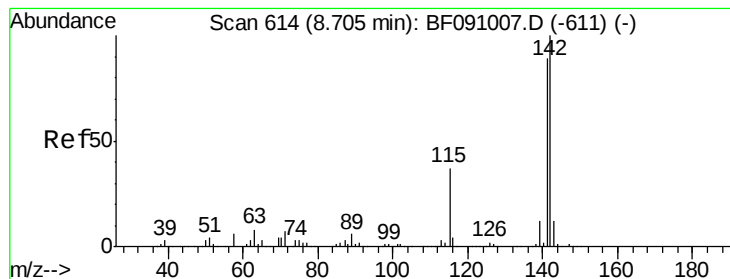


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

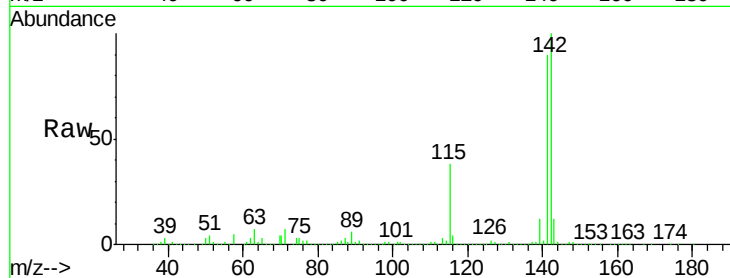




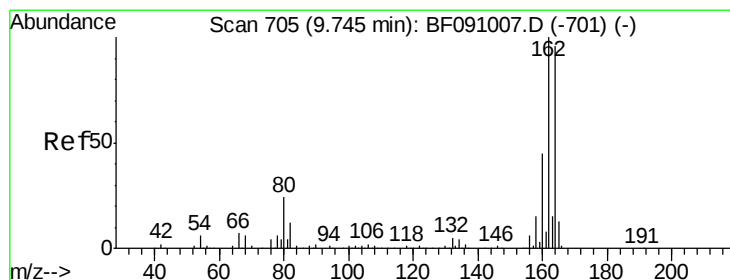
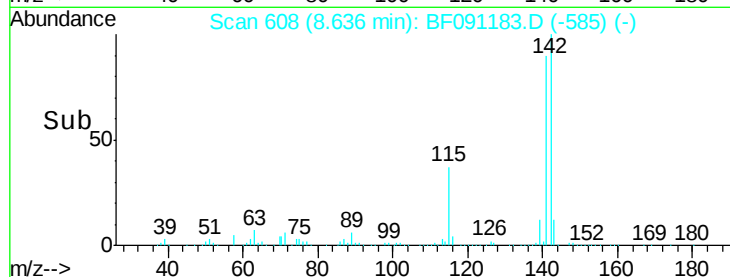
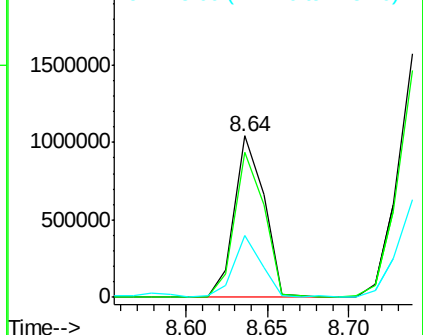
#37
 2-Methylnaphthalene
 Concen: 55.15 ng
 RT: 8.64 min Scan# 608
 Delta R.T. -0.03 min
 Lab File: BF091183.D
 Acq: 15 Nov 2016 17:16

Instrument :
 BNA_F
 ClientSampleId :
 C19023041MS

Tot Ion:142 Resp: 1321785
 Ion Ratio Lower Upper
 142 100
 141 90.1 71.3 106.9
 115 38.0 29.9 44.9

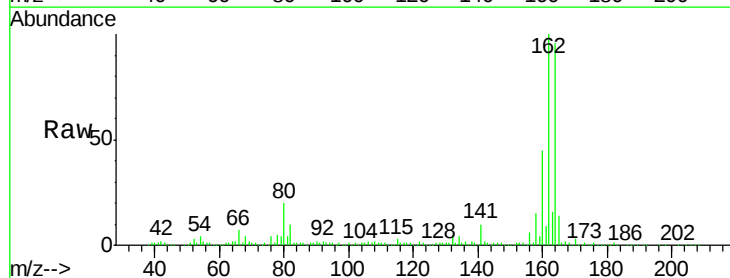


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

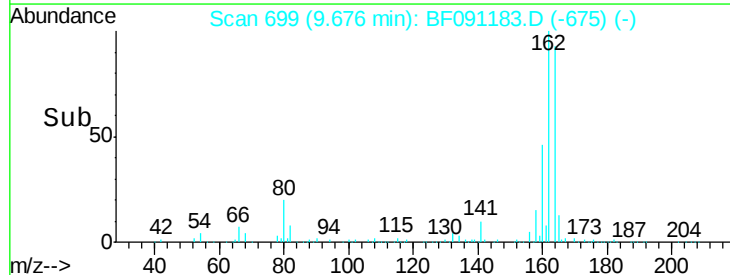
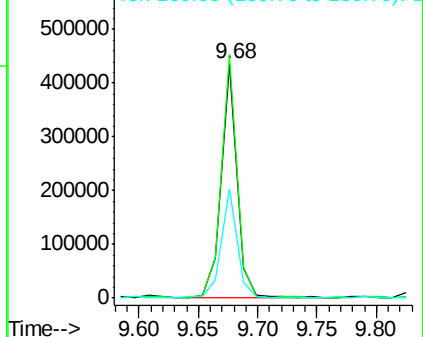


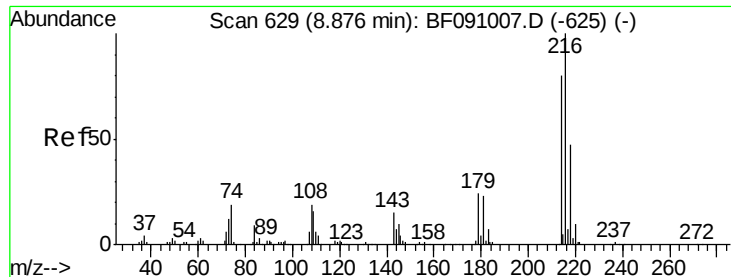
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.68 min Scan# 699
 Delta R.T. -0.02 min
 Lab File: BF091183.D
 Acq: 15 Nov 2016 17:16

Tgt Ion:164 Resp: 397164
 Ion Ratio Lower Upper
 164 100
 162 104.2 83.6 125.4
 160 46.8 37.9 56.9



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: 55.82 ng

RT: 8.81 min Scan# 623

Delta R.T. -0.02 min

Lab File: BF091183.D

Acq: 15 Nov 2016 17:16

Instrument :

BNA_F

ClientSampleId :

C19023041MS

Tot Ion:216 Resp: 565240

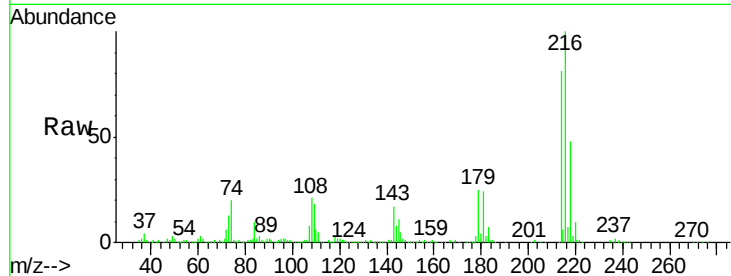
Ion Ratio Lower Upper

216 100

214 80.1 63.5 95.3

179 24.3 19.1 28.7

108 22.3 17.5 26.3

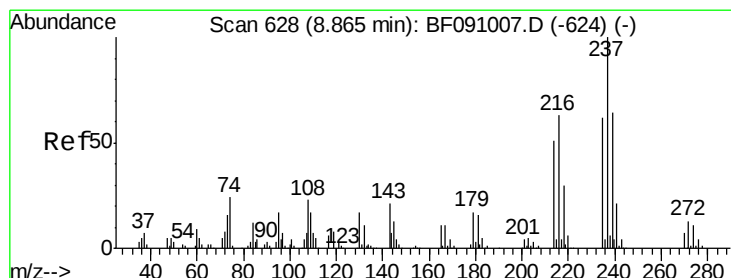
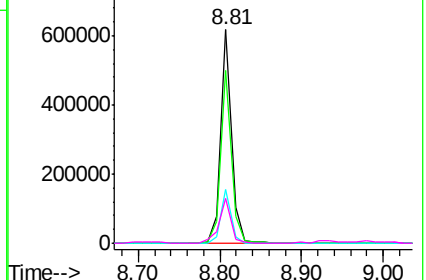
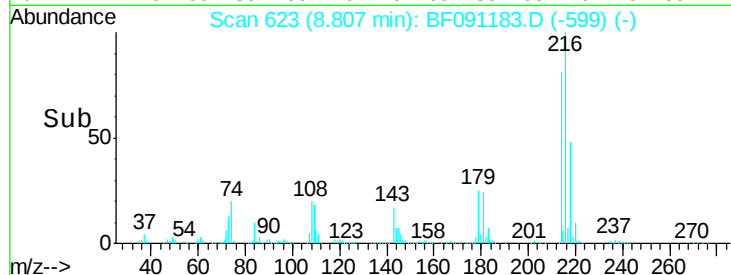


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 109.35 ng

RT: 8.80 min Scan# 622

Delta R.T. -0.02 min

Lab File: BF091183.D

Acq: 15 Nov 2016 17:16

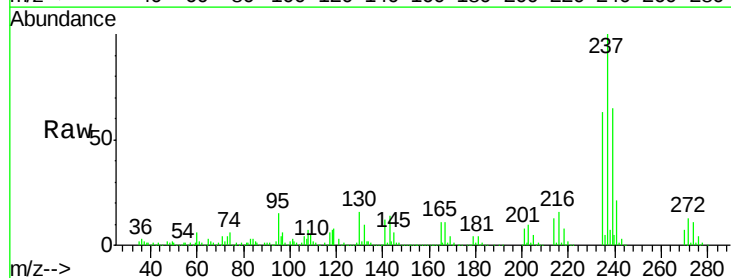
Tgt Ion:237 Resp: 440287

Ion Ratio Lower Upper

237 100

235 62.7 42.1 82.1

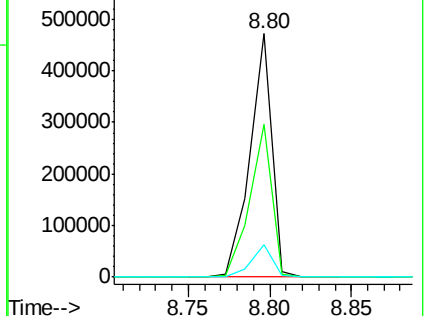
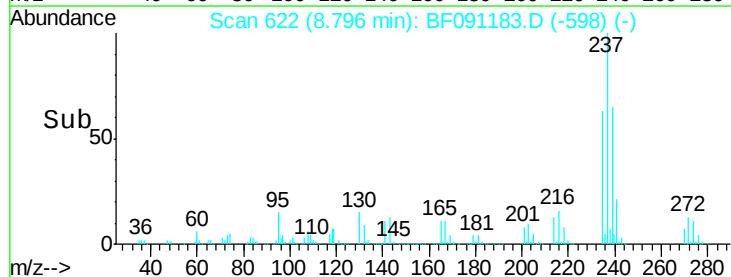
272 13.1 0.0 33.1

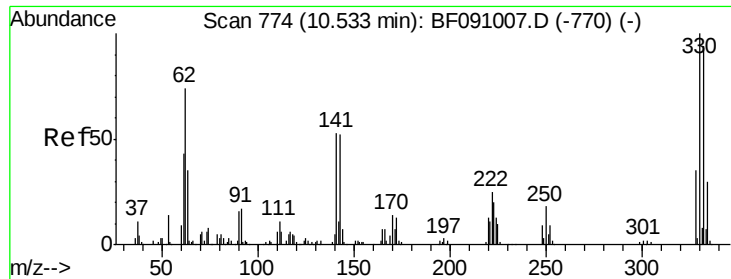


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

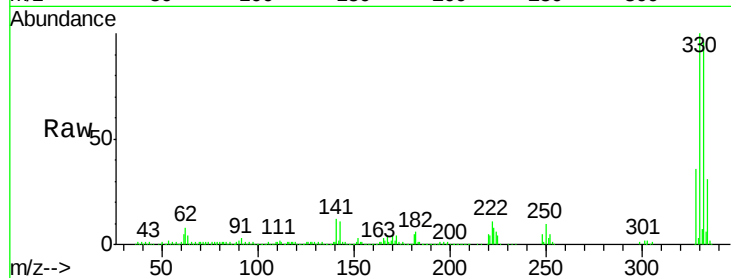




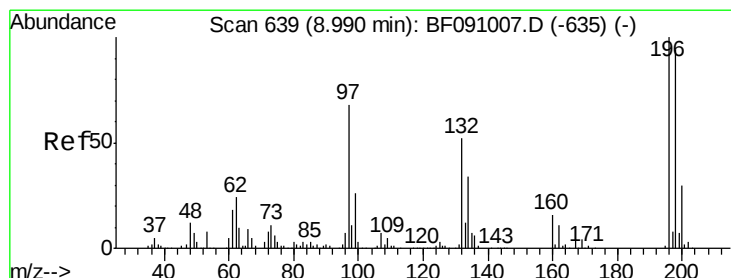
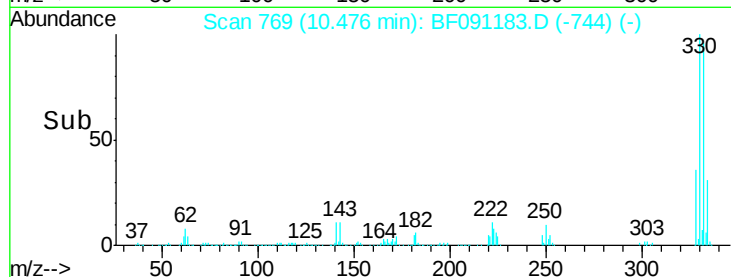
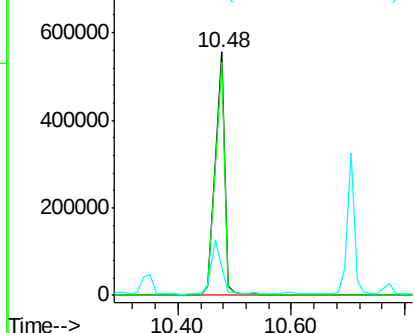
#41
 2,4,6-Tribromophenol
 Concen: 179.51 ng
 RT: 10.48 min Scan# 769
 Delta R.T. -0.01 min
 Lab File: BF091183.D
 Acq: 15 Nov 2016 17:16

Instrument :
 BNA_F
 ClientSampleId :
 C19023041MS

Tot Ion:330 Resp: 644557
 Ion Ratio Lower Upper
 330 100
 332 96.3 75.9 113.9
 141 24.1 36.1 54.1#

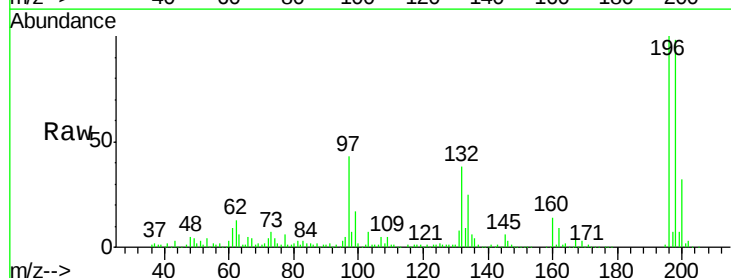


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

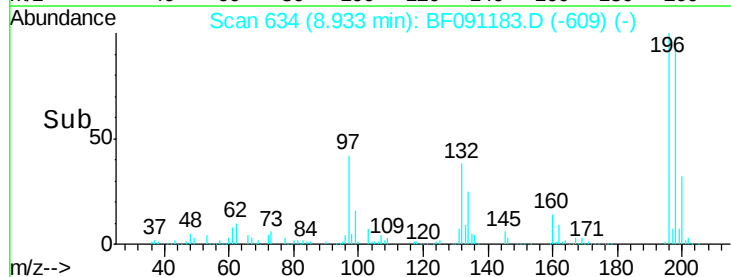
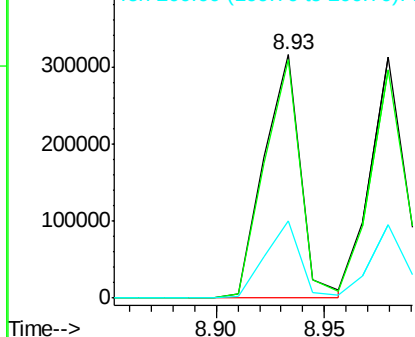


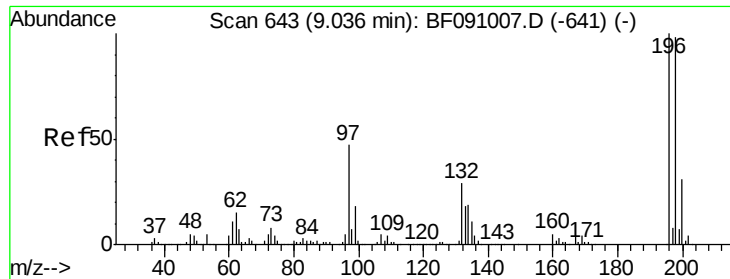
#42
 2,4,6-Trichlorophenol
 Concen: 56.53 ng
 RT: 8.93 min Scan# 634
 Delta R.T. -0.01 min
 Lab File: BF091183.D
 Acq: 15 Nov 2016 17:16

Tgt Ion:196 Resp: 369530
 Ion Ratio Lower Upper
 196 100
 198 98.0 75.4 113.0
 200 31.7 24.1 36.1



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

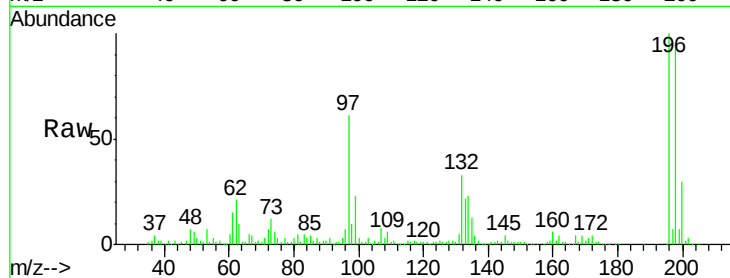




#43
 2,4,5-Trichlorophenol
 Concen: 52.96 ng
 RT: 8.98 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: BF091183.D
 Acq: 15 Nov 2016 17:16

Instrument :
 BNA_F
 ClientSampleId :
 C19023041MS

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.7	78.2	117.4
97	61.1	38.8	58.2
132	33.4	23.5	35.3



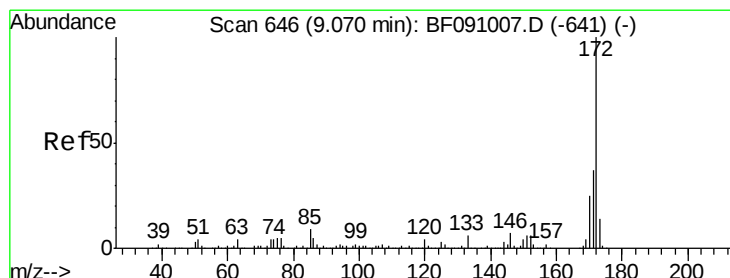
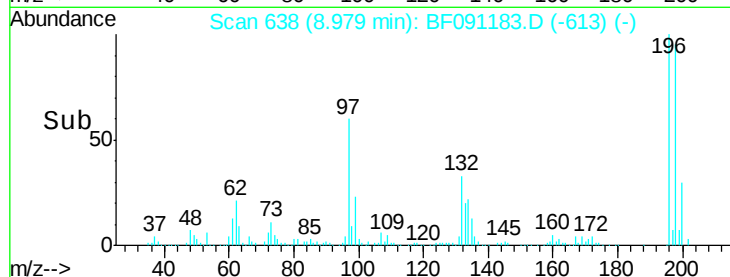
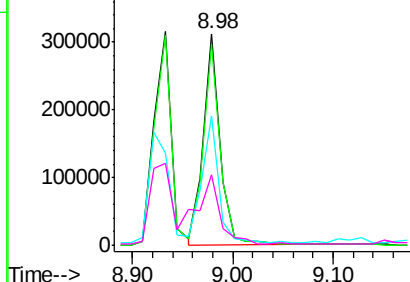
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

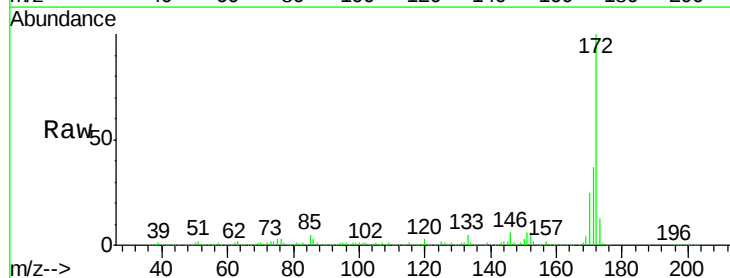
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 104.67 ng
 RT: 9.01 min Scan# 641
 Delta R.T. -0.02 min
 Lab File: BF091183.D
 Acq: 15 Nov 2016 17:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.8	44.6
170	25.2	20.3	30.5

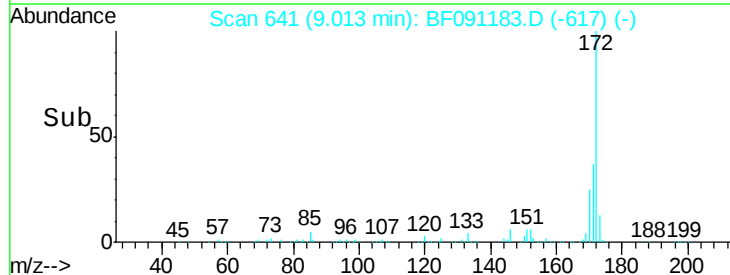
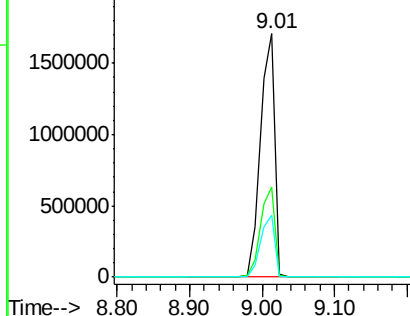


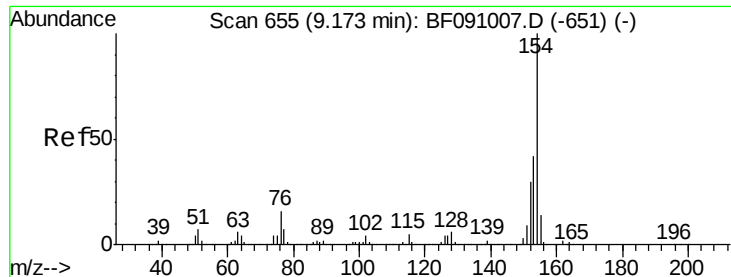
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 46.36 ng

RT: 9.10 min Scan# 649

Delta R.T. -0.02 min

Lab File: BF091183.D

Acq: 15 Nov 2016 17:16

Instrument :

BNA_F

ClientSampleId :

C19023041MS

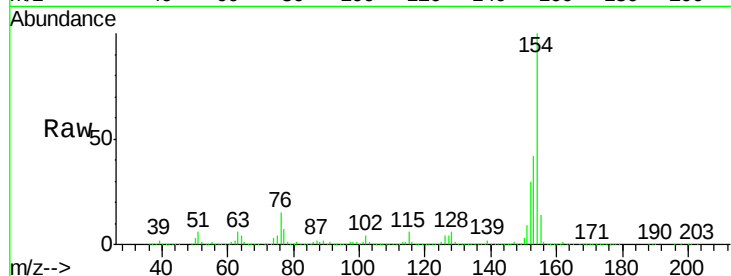
Tot Ion:154 Resp: 1344429

Ion Ratio Lower Upper

154 100

153 42.3 21.6 61.6

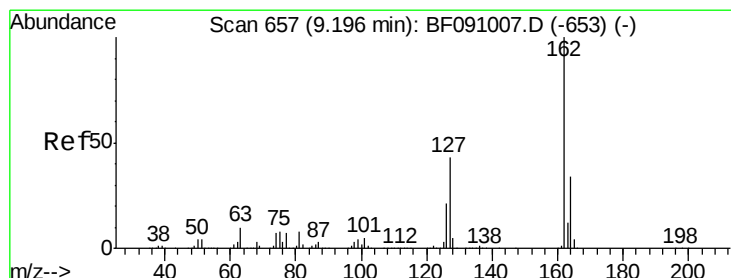
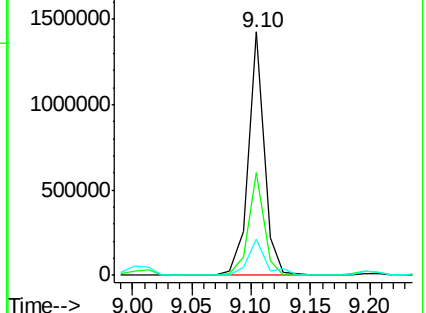
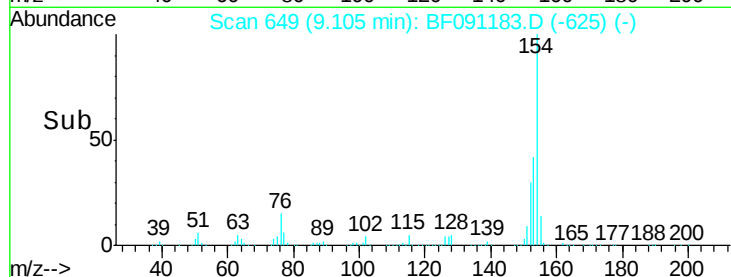
76 14.8 0.0 36.2



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: 49.01 ng

RT: 9.13 min Scan# 651

Delta R.T. -0.02 min

Lab File: BF091183.D

Acq: 15 Nov 2016 17:16

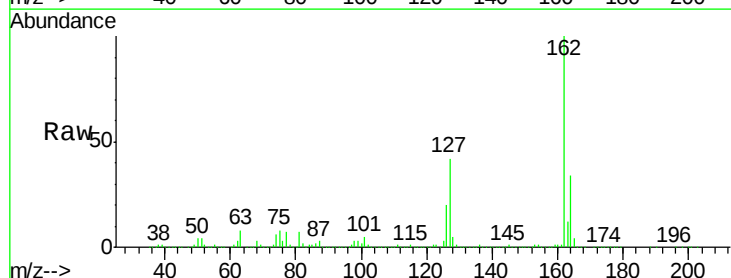
Tgt Ion:162 Resp: 1079050

Ion Ratio Lower Upper

162 100

127 42.3 34.7 52.1

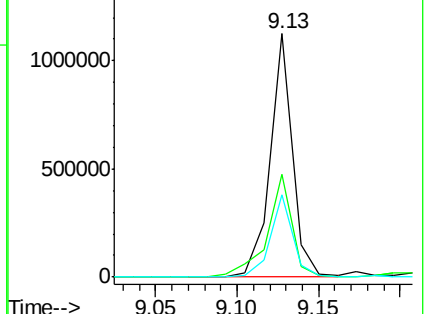
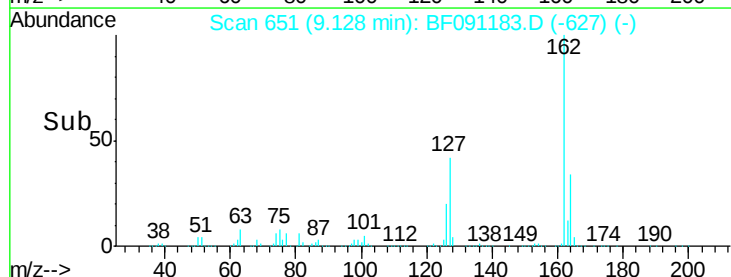
164 33.8 27.0 40.4

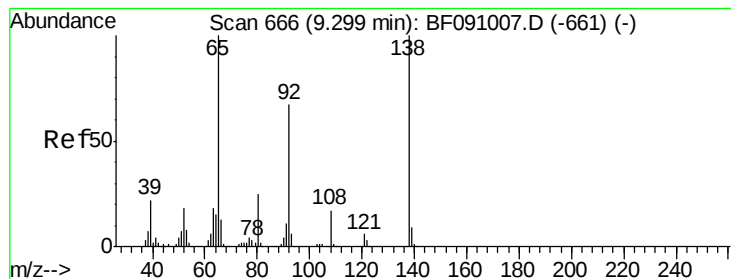


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 46.10 ng

RT: 9.24 min Scan# 661

Delta R.T. -0.01 min

Lab File: BF091183.D

Acq: 15 Nov 2016 17:16

Instrument :

BNA_F

ClientSampleId :

C19023041MS

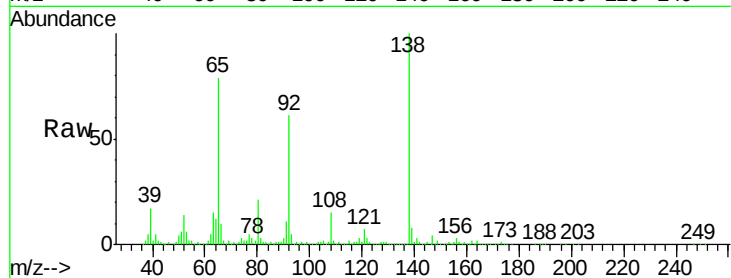
Tot Ion: 65 Resp: 376662

Ion Ratio Lower Upper

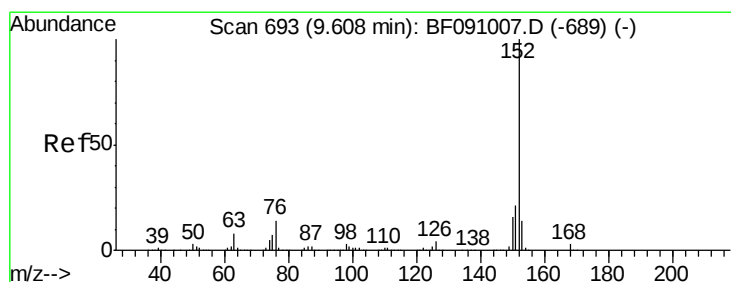
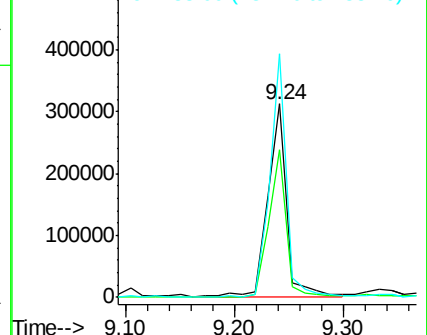
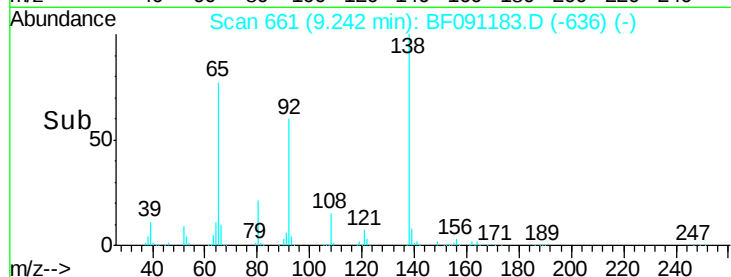
65 100

92 76.6 53.9 80.9

138 125.8 80.1 120.1#



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: 43.64 ng

RT: 9.54 min Scan# 687

Delta R.T. -0.02 min

Lab File: BF091183.D

Acq: 15 Nov 2016 17:16

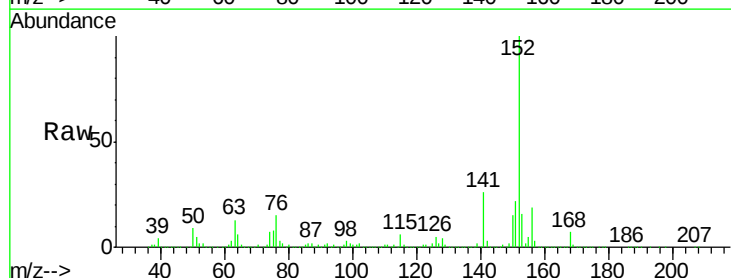
Tgt Ion: 152 Resp: 1497575

Ion Ratio Lower Upper

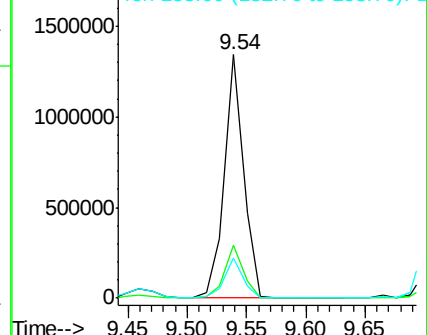
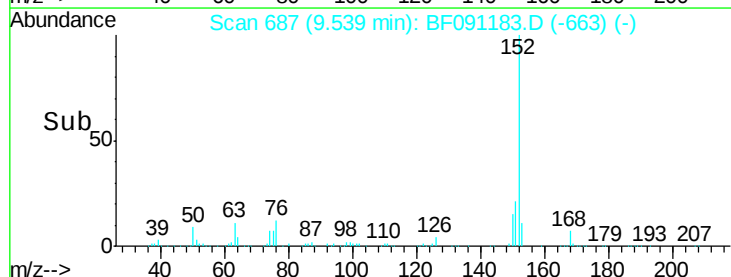
152 100

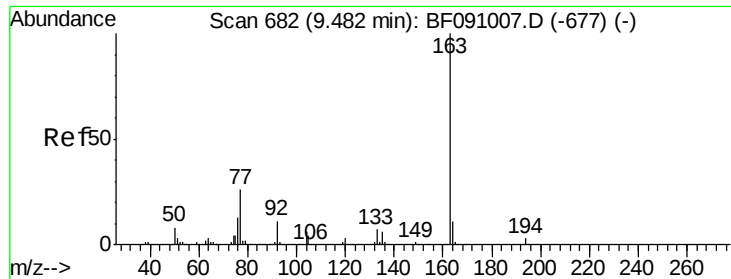
151 21.5 16.7 25.1

153 16.3 11.1 16.7



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

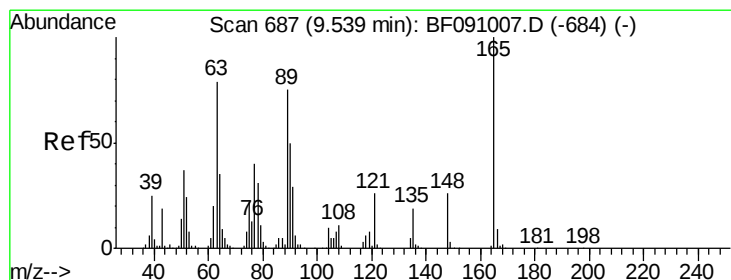
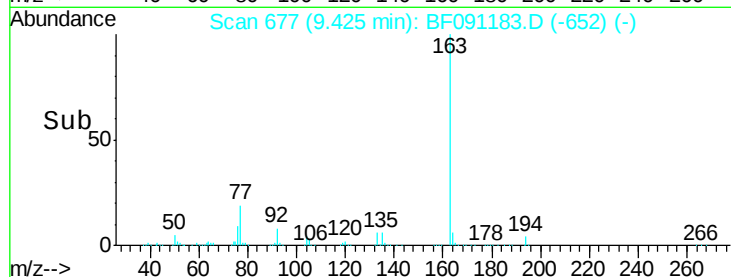
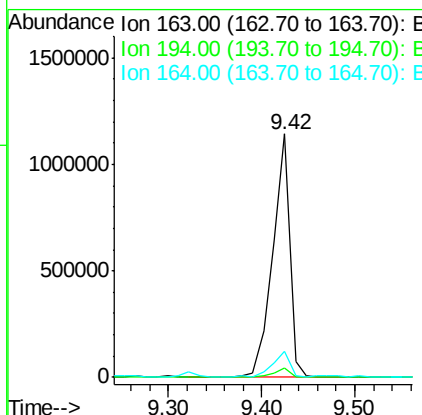
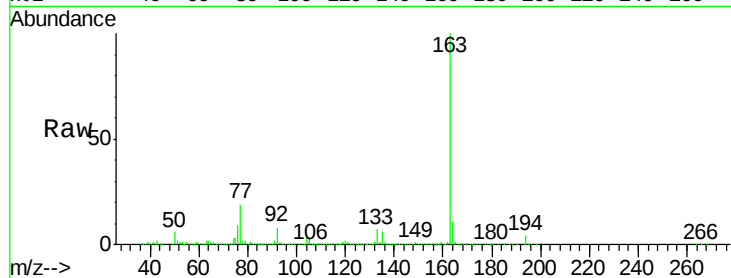




#49
Dimethylphthalate
Concen: 55.83 ng
RT: 9.42 min Scan# 677
Delta R.T. -0.01 min
Lab File: BF091183.D
Acq: 15 Nov 2016 17:16

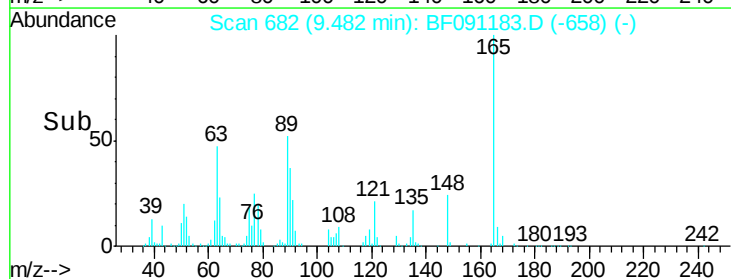
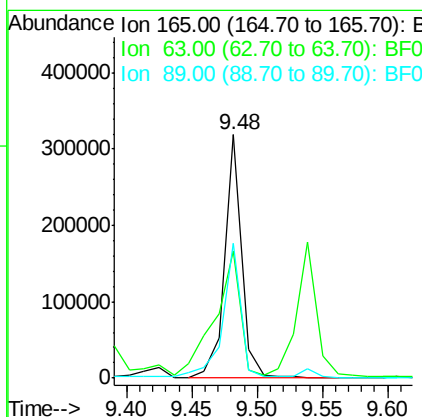
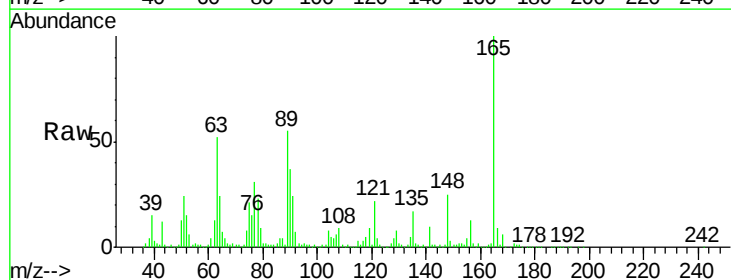
Instrument :
BNA_F
ClientSampleId :
C19023041MS

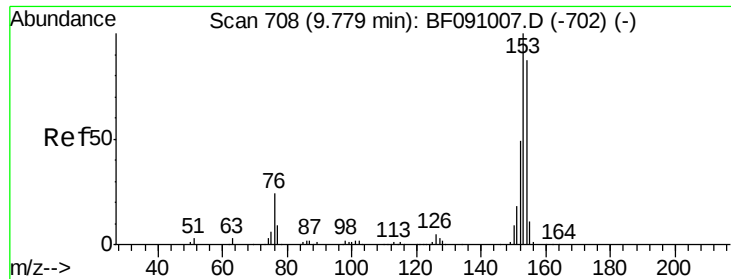
Tot Ion:163 Resp: 1454026
Ion Ratio Lower Upper
163 100
194 3.7 2.6 4.0
164 10.6 8.7 13.1



#50
2,6-Dinitrotoluene
Concen: 51.57 ng
RT: 9.48 min Scan# 682
Delta R.T. -0.02 min
Lab File: BF091183.D
Acq: 15 Nov 2016 17:16

Tgt Ion:165 Resp: 287835
Ion Ratio Lower Upper
165 100
63 52.0 65.6 98.4#
89 55.2 59.8 89.6#





#51

Acenaphthene

Concen: 46.35 ng

RT: 9.71 min Scan# 702

Delta R.T. -0.02 min

Lab File: BF091183.D

Acq: 15 Nov 2016 17:16

Instrument :

BNA_F

ClientSampleId :

C19023041MS

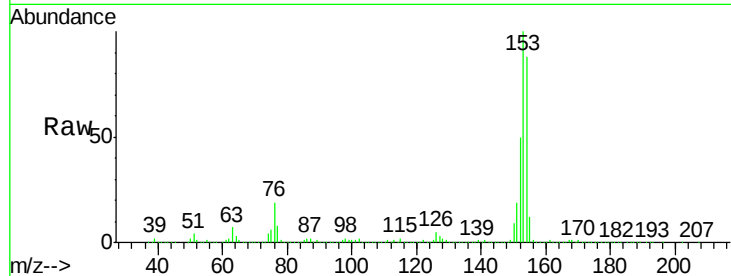
Tot Ion:154 Resp: 998515

Ion Ratio Lower Upper

154 100

153 113.9 91.6 137.4

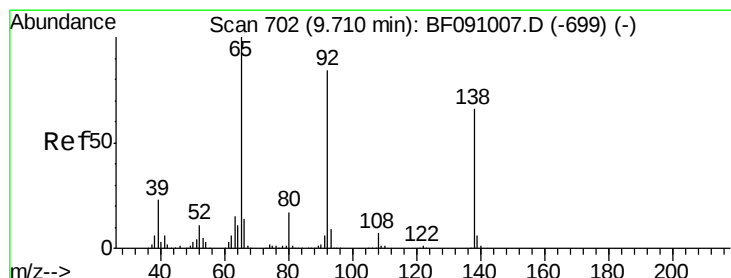
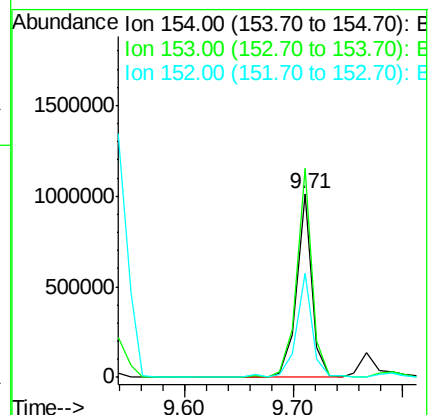
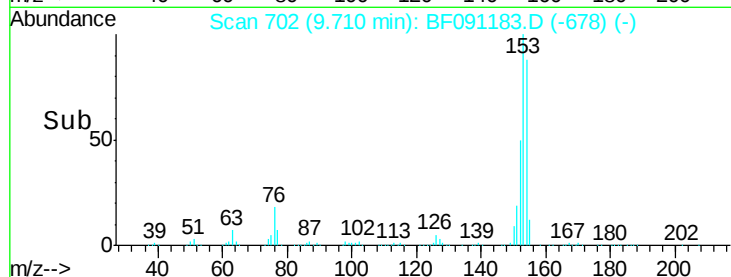
152 56.6 44.6 67.0



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: 11.85 ng

RT: 9.65 min Scan# 697

Delta R.T. -0.01 min

Lab File: BF091183.D

Acq: 15 Nov 2016 17:16

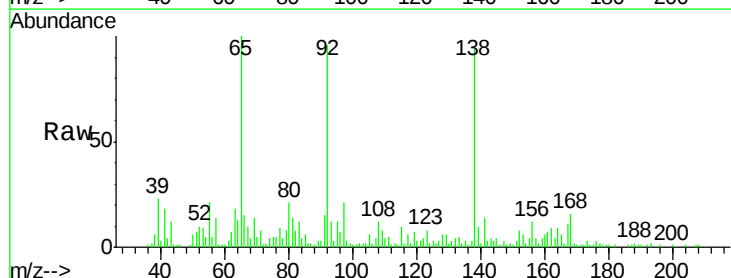
Tgt Ion:138 Resp: 78453

Ion Ratio Lower Upper

138 100

108 12.6 8.4 12.6

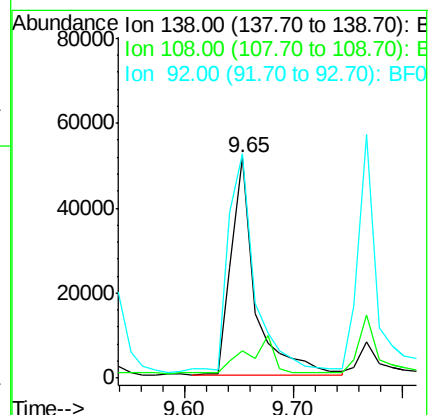
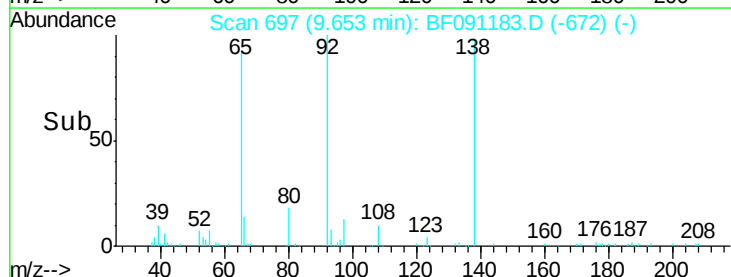
92 101.7 101.1 151.7

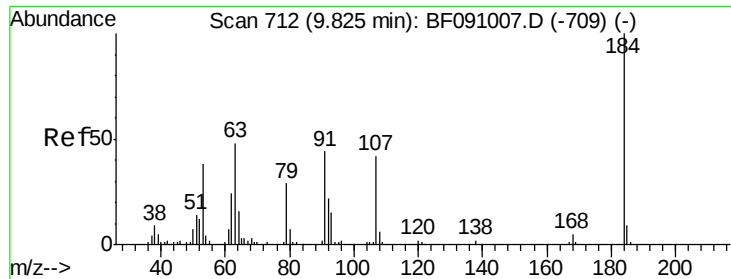


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

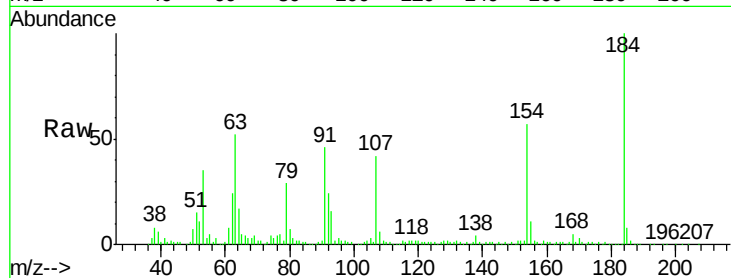




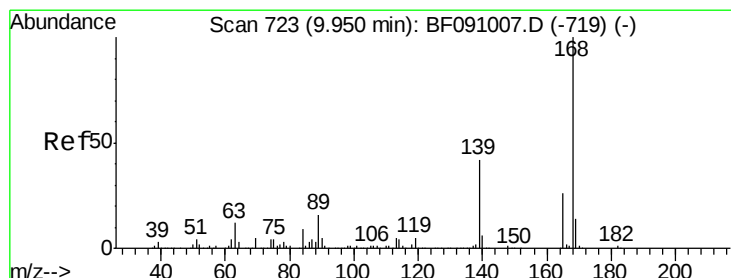
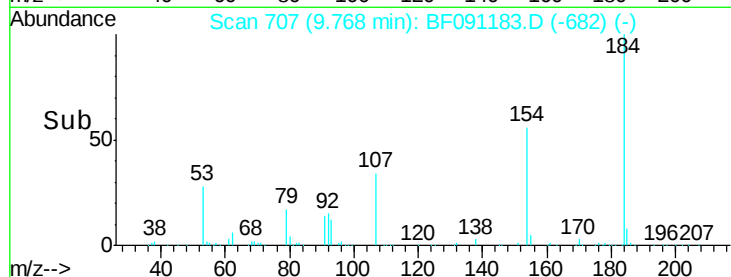
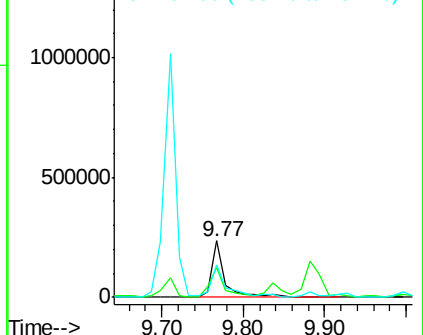
#53
 2,4-Dinitrophenol
 Concen: 89.13 ng
 RT: 9.77 min Scan# 707
 Delta R.T. -0.01 min
 Lab File: BF091183.D
 Acq: 15 Nov 2016 17:16

Instrument :
 BNA_F
 ClientSampleId :
 C19023041MS

Tot Ion:184 Resp: 273332
 Ion Ratio Lower Upper
 184 100
 63 52.2 45.5 68.3
 154 56.8 51.0 76.4

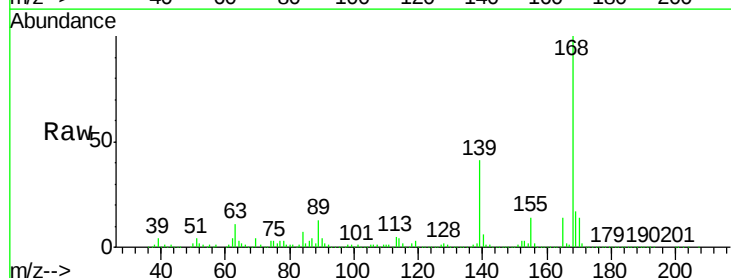


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

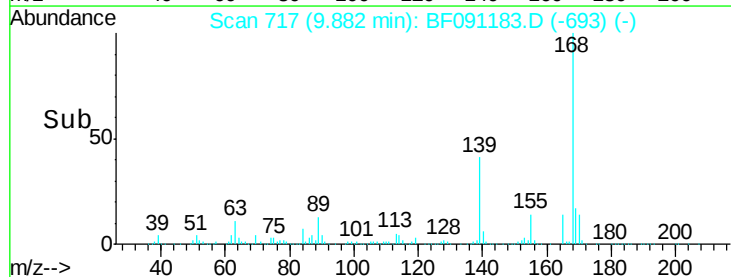
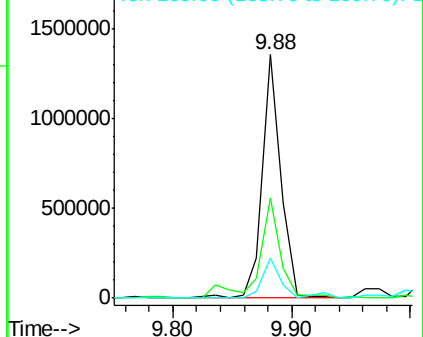


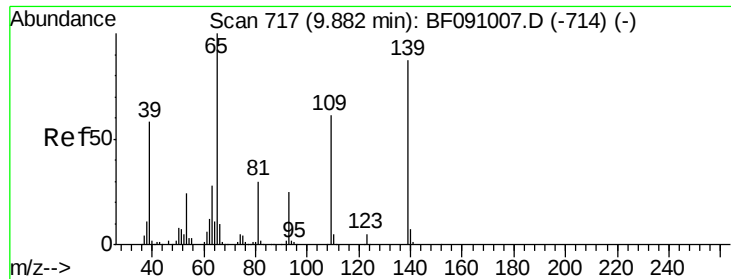
#54
 Dibenzofuran
 Concen: 51.44 ng
 RT: 9.88 min Scan# 717
 Delta R.T. -0.02 min
 Lab File: BF091183.D
 Acq: 15 Nov 2016 17:16

Tgt Ion:168 Resp: 1491527
 Ion Ratio Lower Upper
 168 100
 139 41.3 34.8 52.2
 169 16.7 11.4 17.2



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

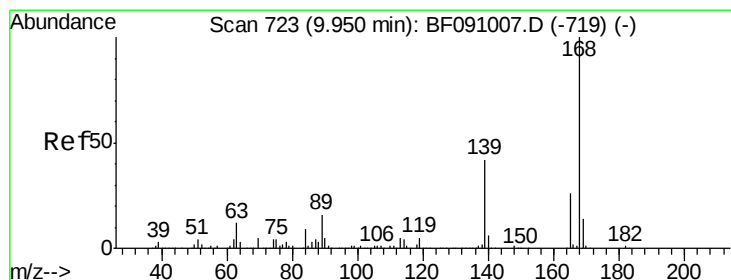
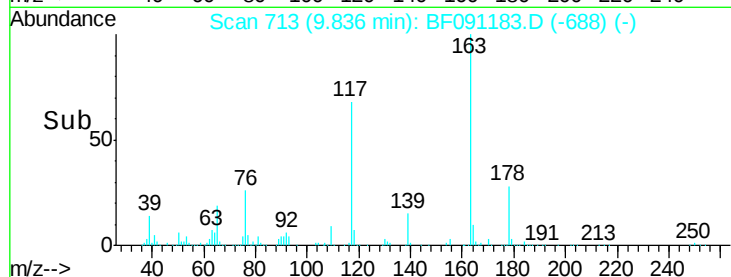
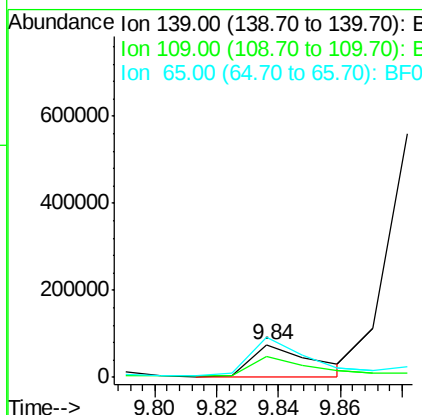
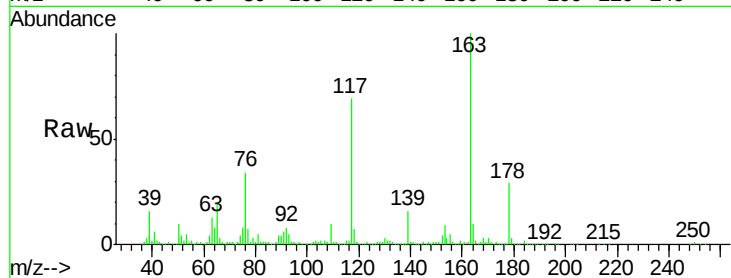




#55
4-Nitrophenol
Concen: 28.19 ng/ml
RT: 9.84 min Scan# 713
Delta R.T. -0.01 min
Lab File: BF091183.D
Acq: 15 Nov 2016 17:16

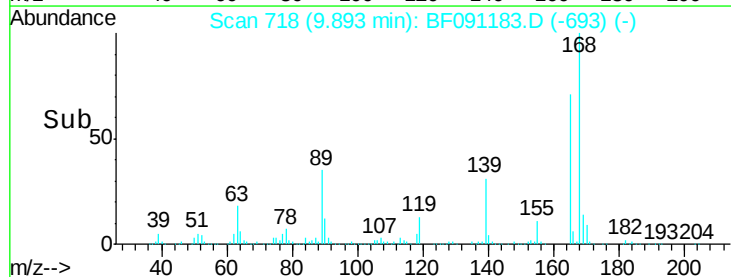
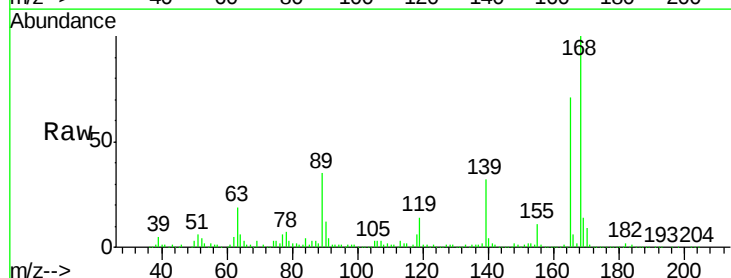
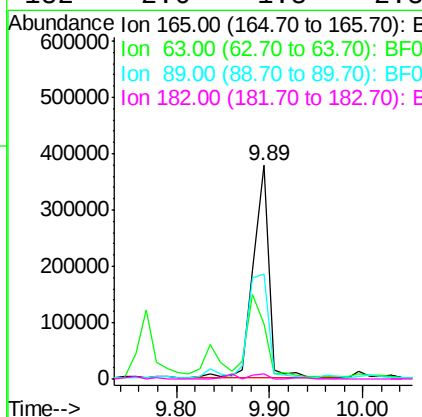
Instrument :
BNA_F
ClientSampleId :
C19023041MS

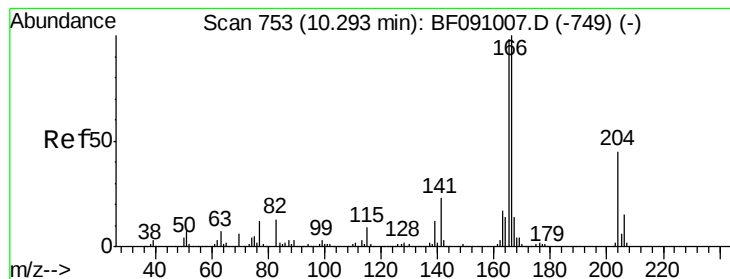
Tot Ion	Ratio	Lower	Upper
139	100		
109	63.3	50.5	90.5
65	123.1	97.1	137.1



#56
2,4-Dinitrotoluene
Concen: 61.63 ng/ml
RT: 9.89 min Scan# 718
Delta R.T. -0.01 min
Lab File: BF091183.D
Acq: 15 Nov 2016 17:16

Tgt Ion	Ratio	Lower	Upper
165	100		
63	26.0	38.7	58.1#
89	49.3	50.6	76.0#
182	2.6	1.8	2.8





#57

Fluorene

Concen: 48.59 ng

RT: 10.22 min Scan# 747

Delta R.T. -0.02 min

Lab File: BF091183.D

Acq: 15 Nov 2016 17:16

Instrument :

BNA_F

ClientSampleId :

C19023041MS

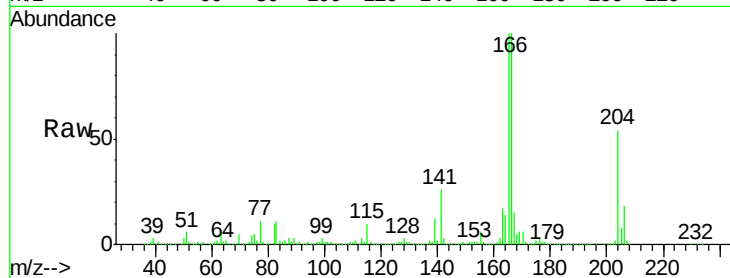
Tot Ion:166 Resp: 1151840

Ion Ratio Lower Upper

166 100

165 99.6 78.6 118.0

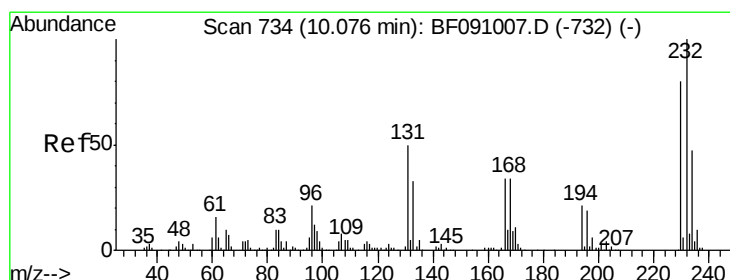
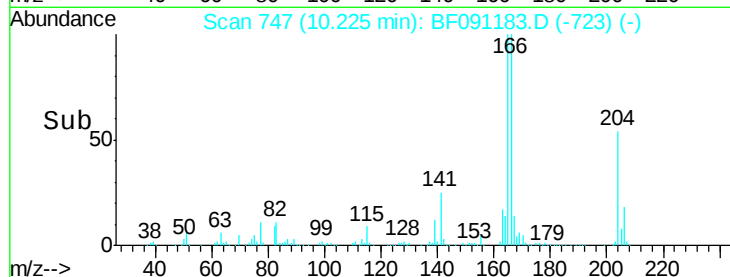
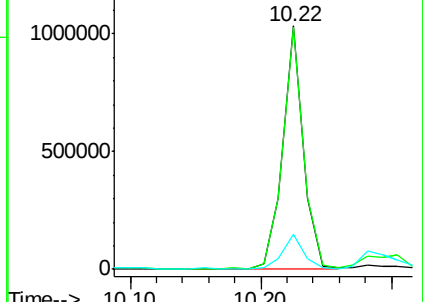
167 14.5 11.1 16.7



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 58.82 ng

RT: 10.01 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF091183.D

Acq: 15 Nov 2016 17:16

Tgt Ion:232 Resp: 316253

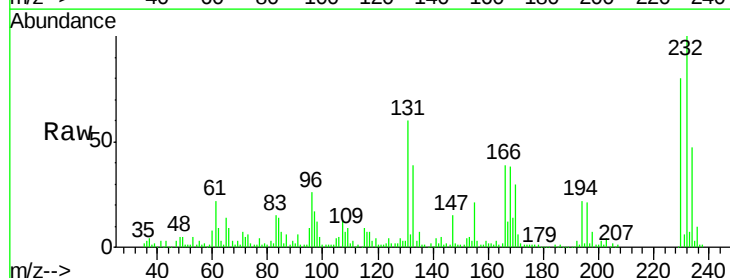
Ion Ratio Lower Upper

232 100

131 47.4 43.6 65.4

130 3.0 2.0 3.0

166 30.3 27.4 41.2

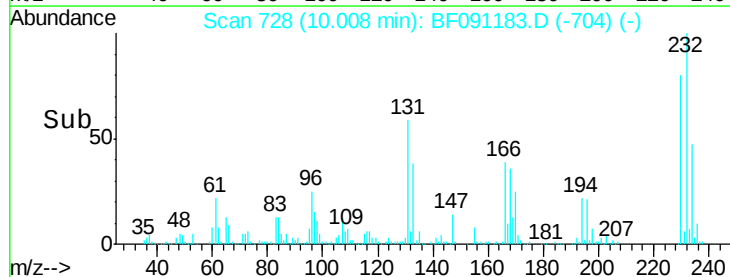
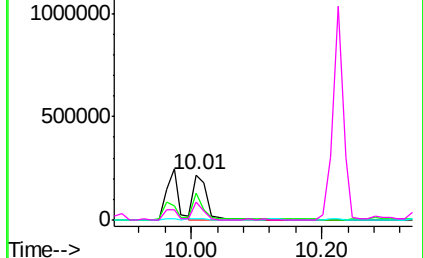


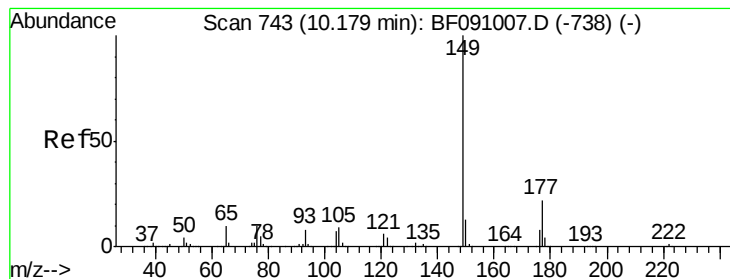
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 51.07 ng

RT: 10.11 min Scan# 737

Delta R.T. -0.02 min

Lab File: BF091183.D

Acq: 15 Nov 2016 17:16

Instrument :

BNA_F

ClientSampleId :

C19023041MS

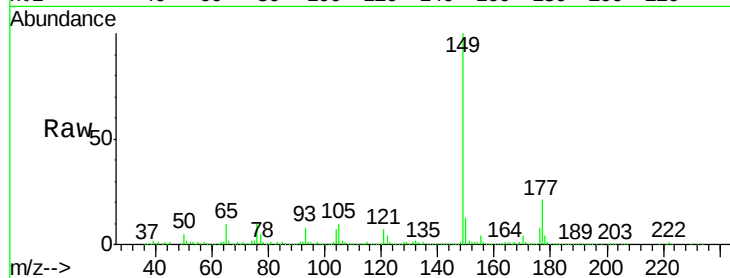
Tot Ion:149 Resp: 1363692

Ion Ratio Lower Upper

149 100

177 20.8 17.3 25.9

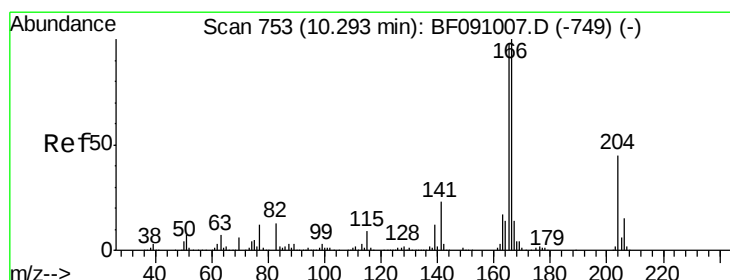
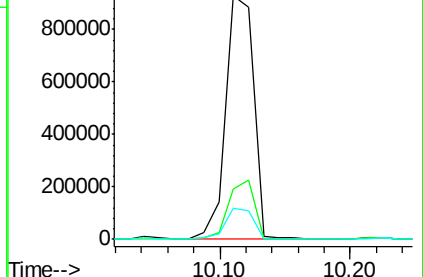
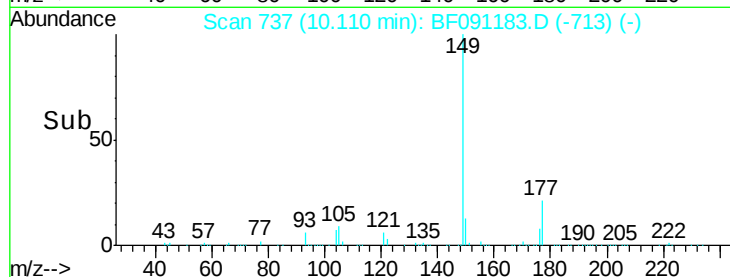
150 13.0 10.3 15.5



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: 54.54 ng

RT: 10.22 min Scan# 747

Delta R.T. -0.02 min

Lab File: BF091183.D

Acq: 15 Nov 2016 17:16

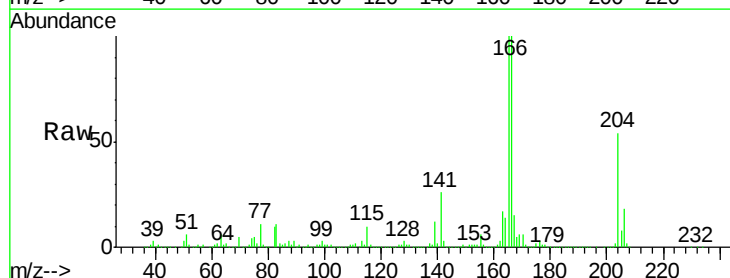
Tgt Ion:204 Resp: 588395

Ion Ratio Lower Upper

204 100

206 33.5 27.1 40.7

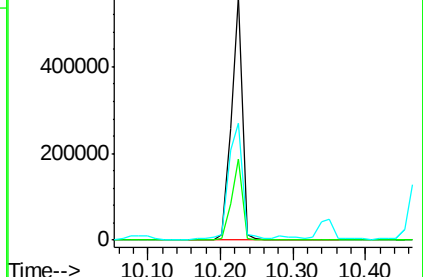
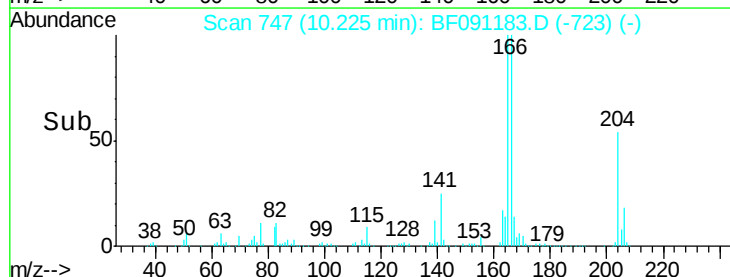
141 48.0 40.1 60.1

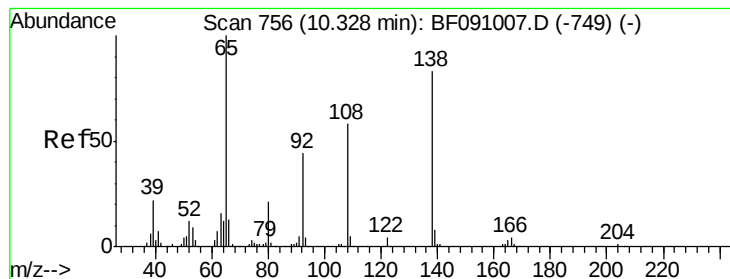


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 39.14 ng m

RT: 10.27 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF091183.D

Acq: 15 Nov 2016 17:16

Instrument :

BNA_F

ClientSampleId :

C19023041MS

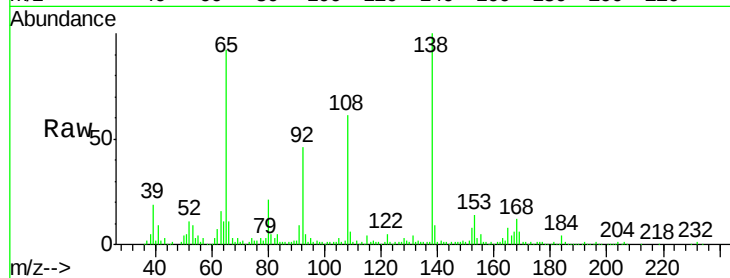
Tot Ion:138 Resp: 262050

Ion Ratio Lower Upper

138 100

92 45.9 32.5 72.5

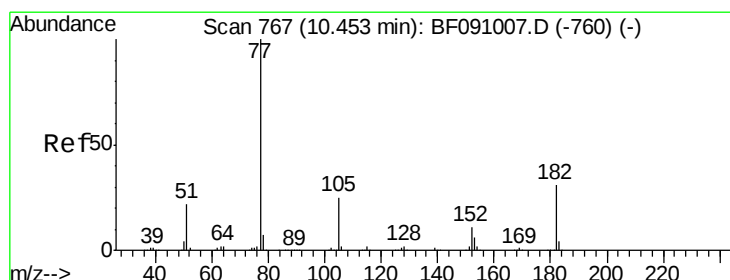
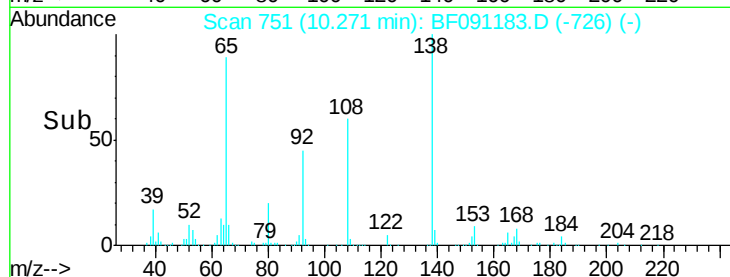
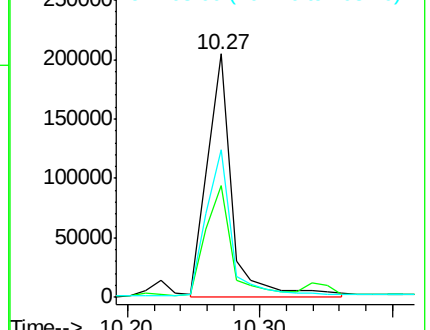
108 60.8 49.4 89.4



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: 38.31 ng m

RT: 10.38 min Scan# 761

Delta R.T. -0.02 min

Lab File: BF091183.D

Acq: 15 Nov 2016 17:16

Tgt Ion: 77 Resp: 1204101

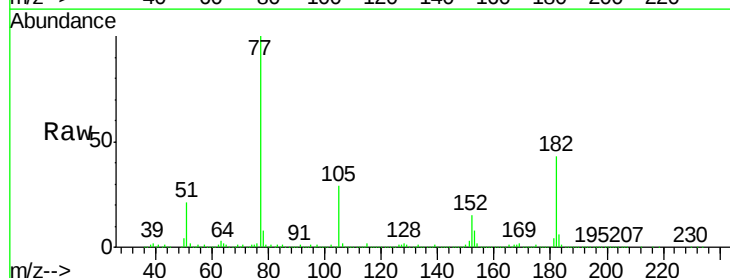
Ion Ratio Lower Upper

77 100

182 43.1 11.0 51.0

105 28.8 5.6 45.6

51 20.6 2.7 42.7

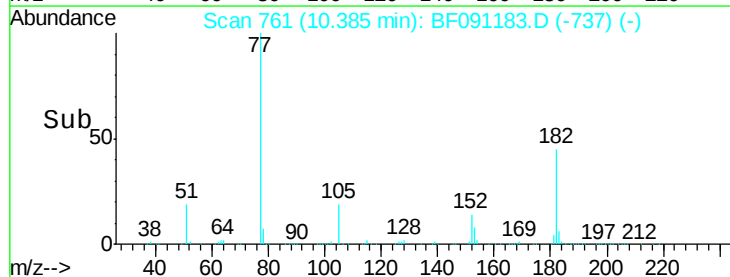
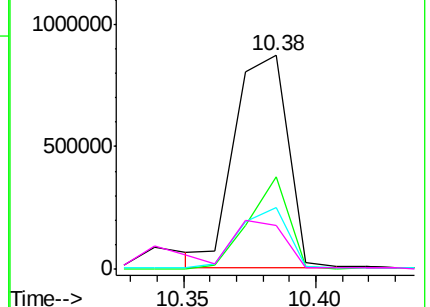


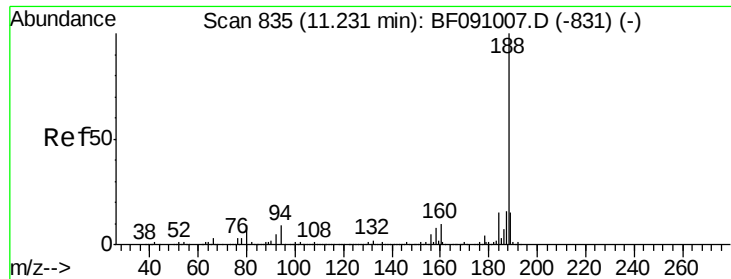
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

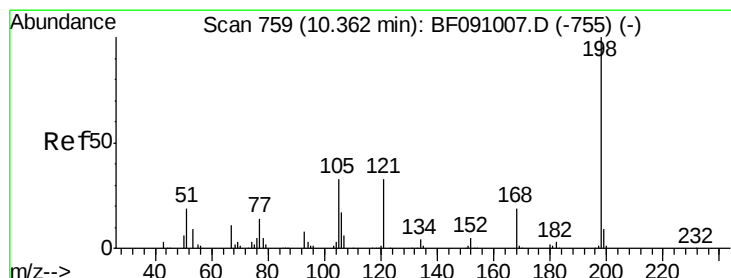
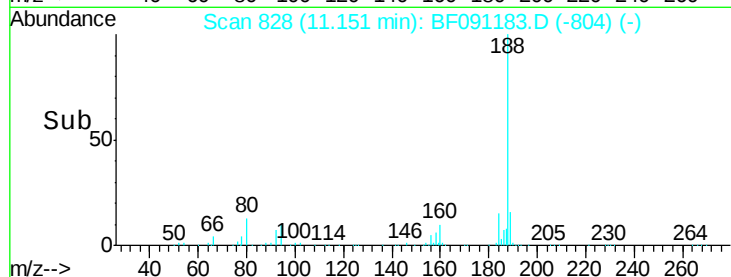
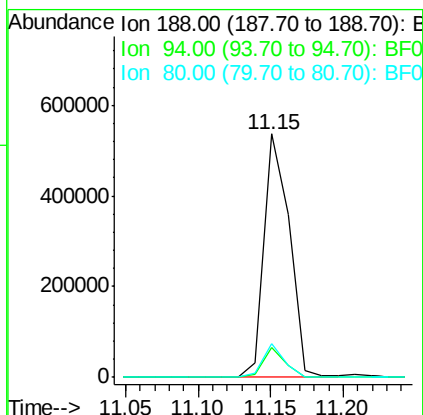
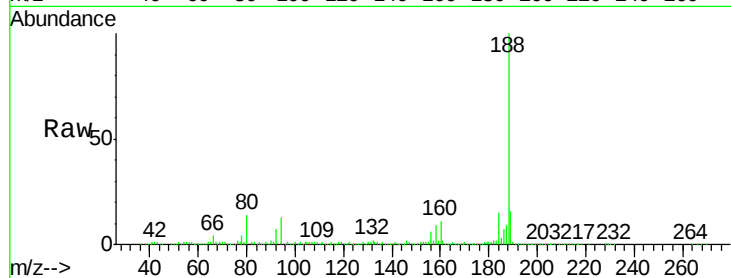




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 828
Delta R.T. -0.02 min
Lab File: BF091183.D
Acq: 15 Nov 2016 17:16

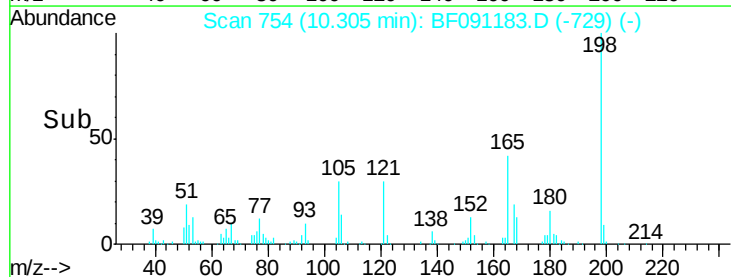
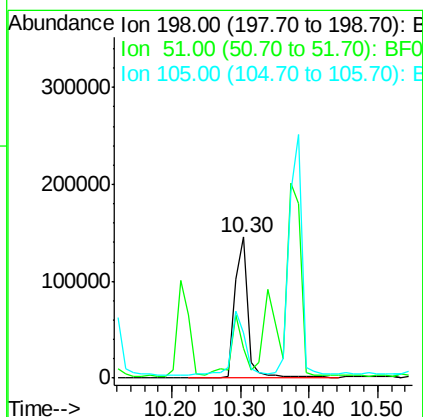
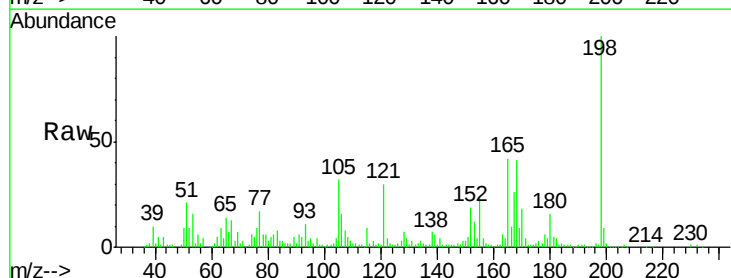
Instrument :
BNA_F
ClientSampleId :
C19023041MS

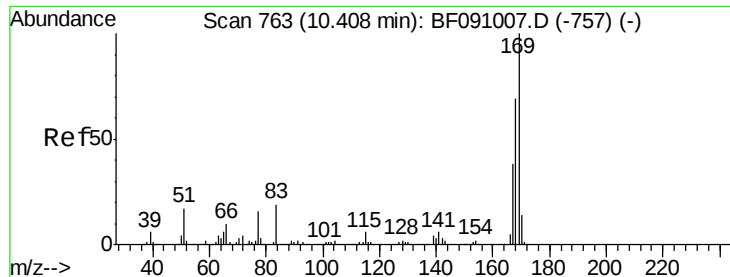
Tot Ion:188 Resp: 649693
Ion Ratio Lower Upper
188 100
94 12.5 7.0 10.4#
80 13.8 7.5 11.3#



#64
4,6-Dinitro-2-methylphenol
Concen: 50.15 ng
RT: 10.30 min Scan# 754
Delta R.T. -0.01 min
Lab File: BF091183.D
Acq: 15 Nov 2016 17:16

Tgt Ion:198 Resp: 199498
Ion Ratio Lower Upper
198 100
51 20.9 5.9 45.9
105 32.1 13.8 53.8

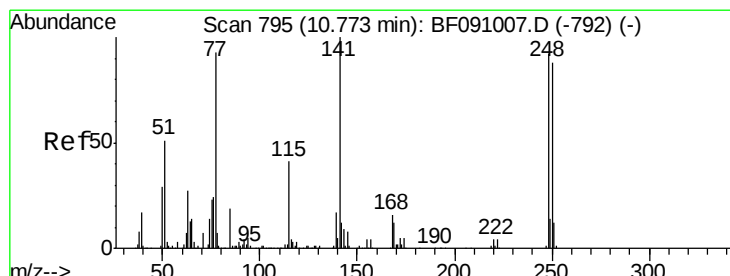
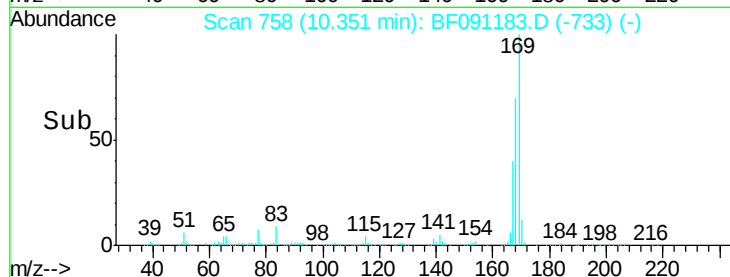
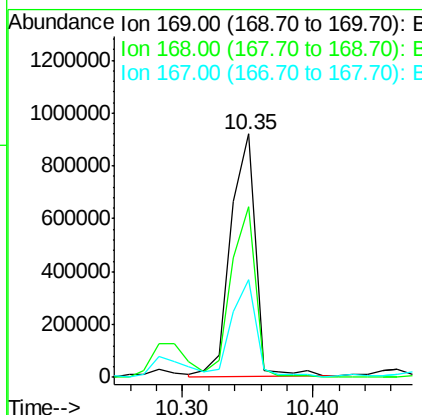
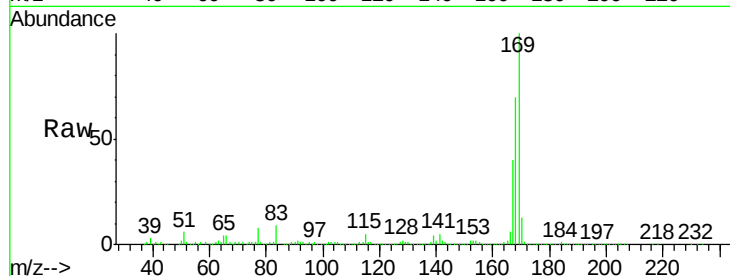




#65
n-Nitrosodiphenylamine
Concen: 58.10 ng
RT: 10.35 min Scan# 758
Delta R.T. -0.01 min
Lab File: BF091183.D
Acq: 15 Nov 2016 17:16

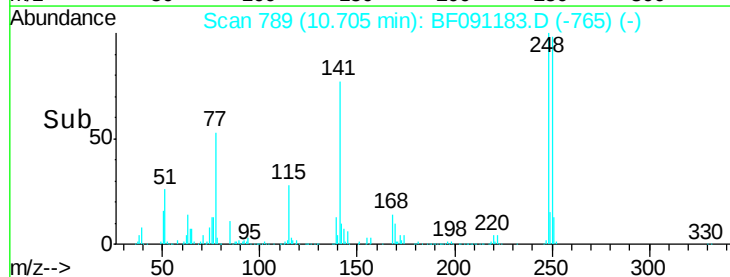
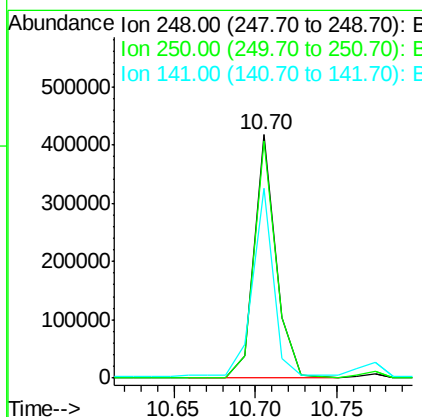
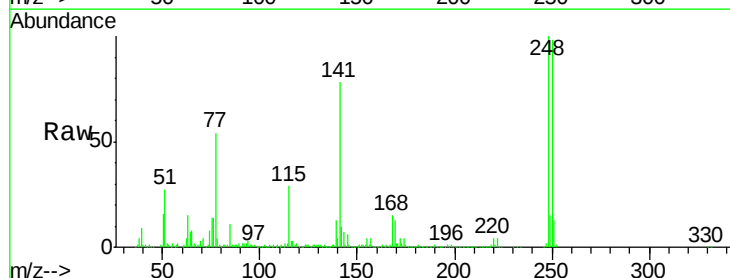
Instrument :
BNA_F
ClientSampleId :
C19023041MS

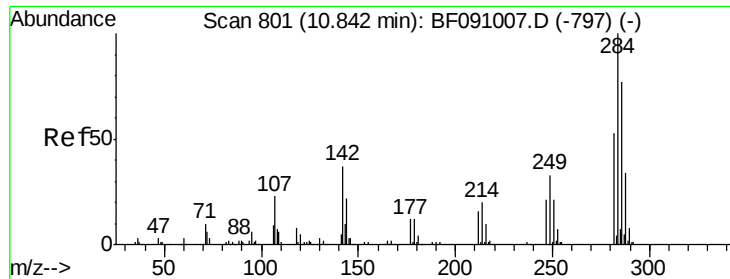
Tot Ion:169 Resp: 1199727
Ion Ratio Lower Upper
169 100
168 70.3 55.3 82.9
167 39.9 30.3 45.5



#66
4-Bromophenyl-phenylether
Concen: 57.88 ng
RT: 10.70 min Scan# 789
Delta R.T. -0.02 min
Lab File: BF091183.D
Acq: 15 Nov 2016 17:16

Tgt Ion:248 Resp: 391112
Ion Ratio Lower Upper
248 100
250 97.6 76.3 114.5
141 77.9 86.8 130.2#

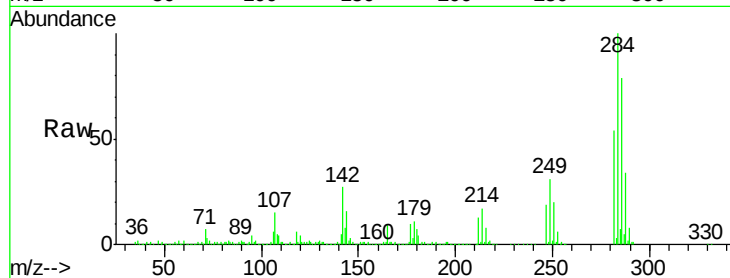




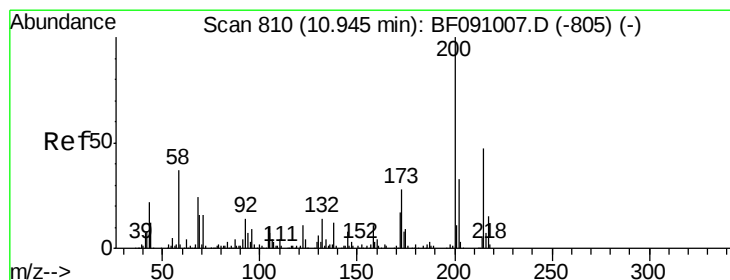
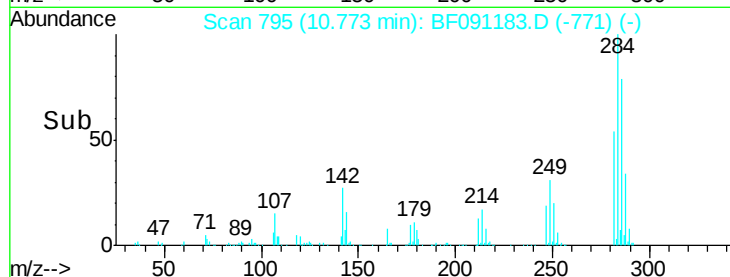
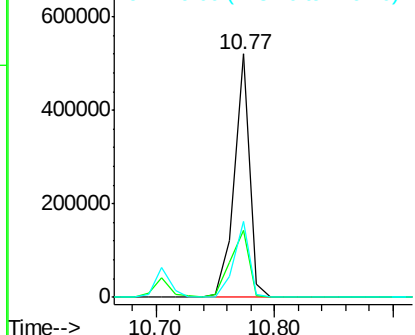
#67
Hexachlorobenzene
Concen: 62.41 ng
RT: 10.77 min Scan# 795
Delta R.T. -0.02 min
Lab File: BF091183.D
Acq: 15 Nov 2016 17:16

Instrument :
BNA_F
ClientSampleId :
C19023041MS

Tot Ion	Ratio	Lower	Upper
284	100		
142	27.4	29.9	44.9#
249	31.1	26.6	39.8

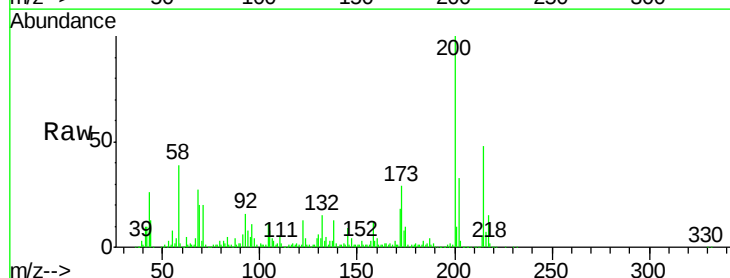


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

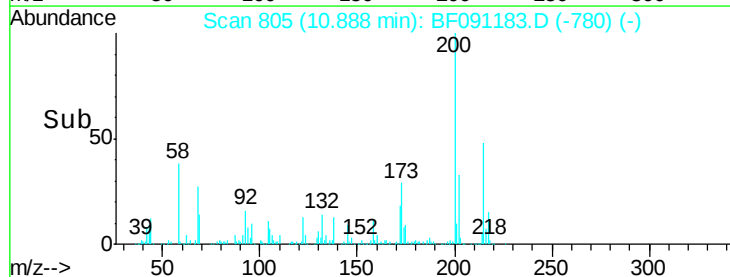
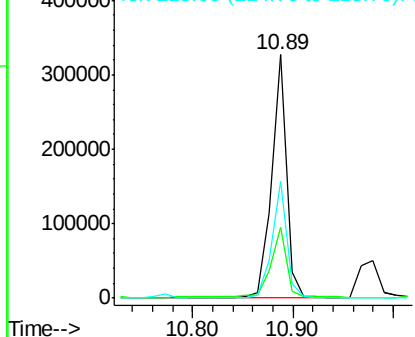


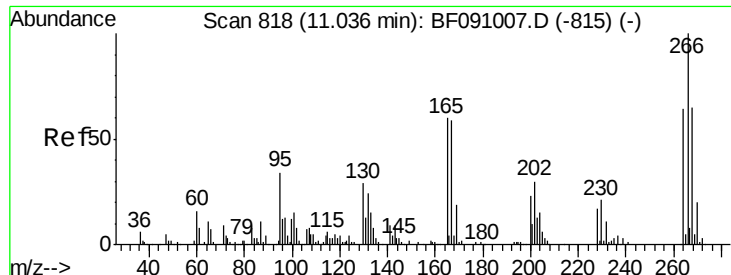
#68
Atrazine
Concen: 56.40 ng
RT: 10.89 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF091183.D
Acq: 15 Nov 2016 17:16

Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.1	8.1	48.1
215	47.8	27.3	67.3



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

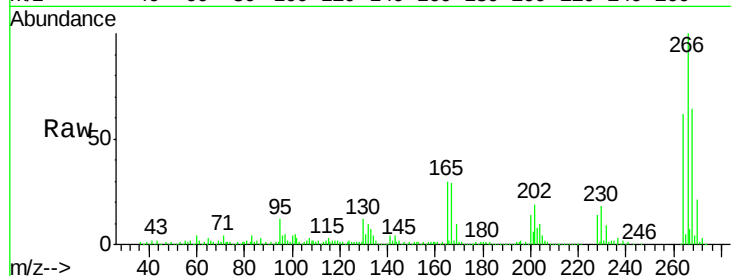




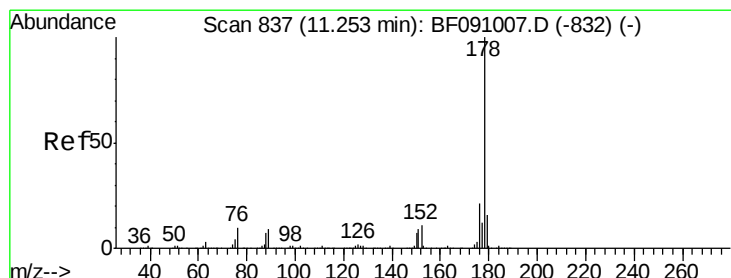
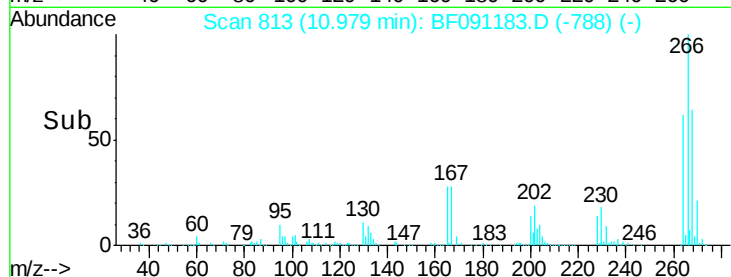
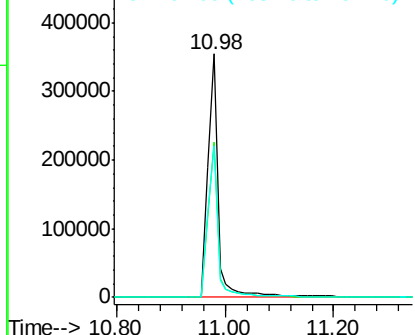
#69
 Pentachlorophenol
 Concen: 141.00 ng
 RT: 10.98 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF091183.D
 Acq: 15 Nov 2016 17:16

Instrument :
 BNA_F
 ClientSampleId :
 C19023041MS

Tot Ion:266 Resp: 465446
 Ion Ratio Lower Upper
 266 100
 268 63.9 52.1 78.1
 264 62.1 51.1 76.7

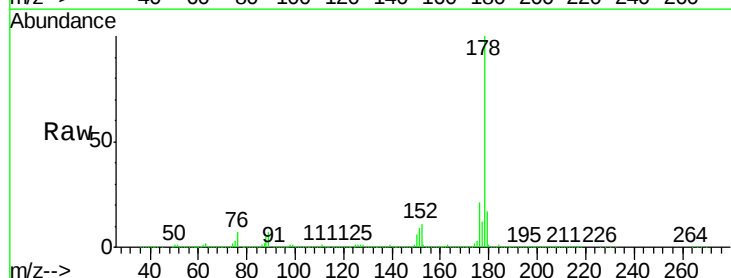


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

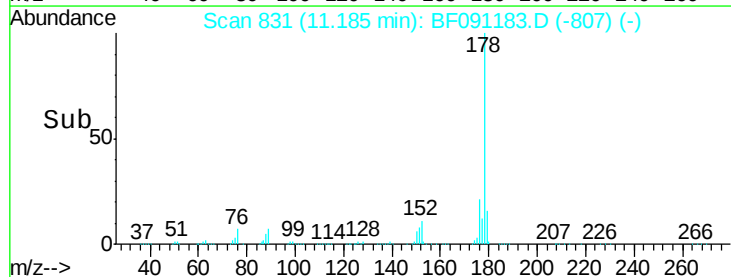
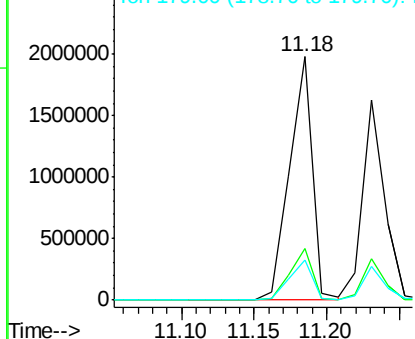


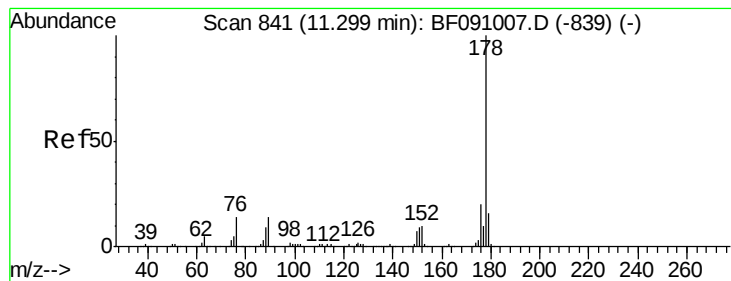
#70
 Phenanthrene
 Concen: 61.95 ng
 RT: 11.18 min Scan# 831
 Delta R.T. -0.02 min
 Lab File: BF091183.D
 Acq: 15 Nov 2016 17:16

Tgt Ion:178 Resp: 2139714
 Ion Ratio Lower Upper
 178 100
 176 21.2 16.6 25.0
 179 16.6 12.9 19.3



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





#71

Anthracene

Concen: 47.75 ng

RT: 11.23 min Scan# 835

Delta R.T. -0.02 min

Lab File: BF091183.D

Acq: 15 Nov 2016 17:16

Instrument :

BNA_F

ClientSampleId :

C19023041MS

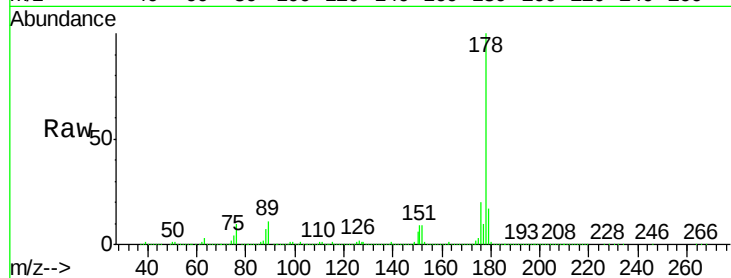
Tot Ion:178 Resp: 1753431

Ion Ratio Lower Upper

178 100

176 20.5 16.0 24.0

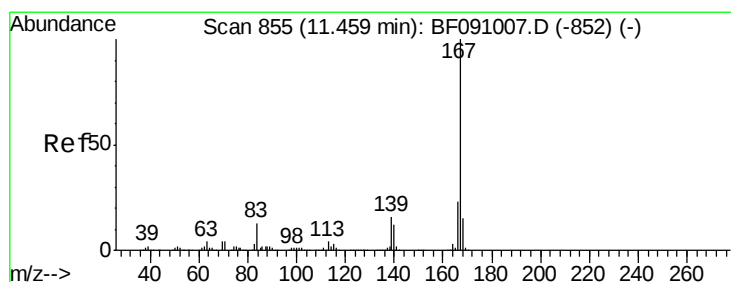
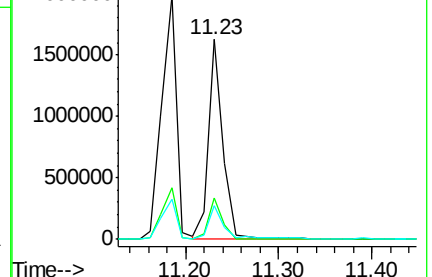
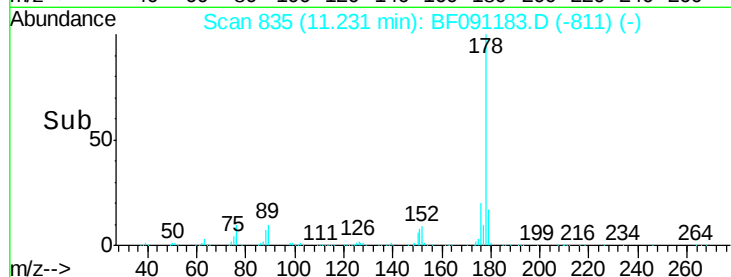
179 16.9 13.0 19.6



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: 48.62 ng

RT: 11.39 min Scan# 849

Delta R.T. -0.02 min

Lab File: BF091183.D

Acq: 15 Nov 2016 17:16

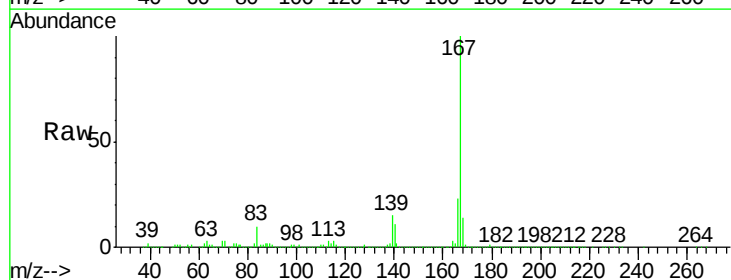
Tgt Ion:167 Resp: 1608793

Ion Ratio Lower Upper

167 100

166 22.8 18.0 27.0

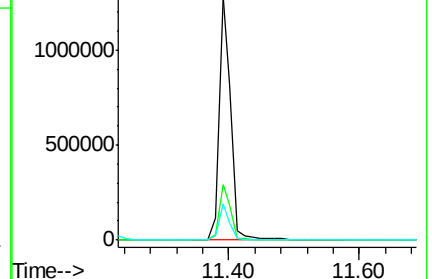
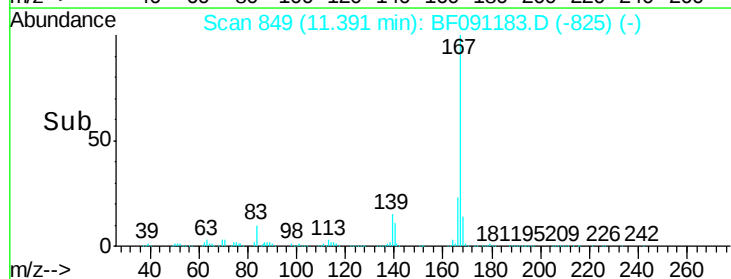
139 14.8 12.6 18.8

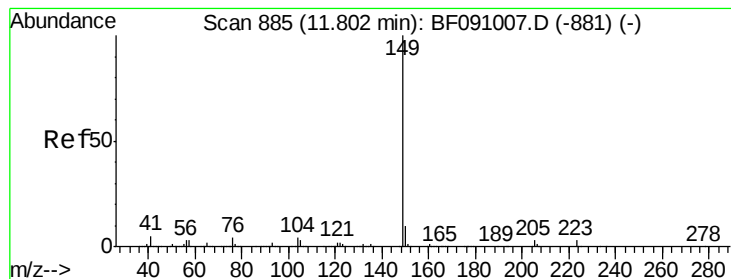


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 51.13 ng

RT: 11.73 min Scan# 879

Delta R.T. -0.02 min

Lab File: BF091183.D

Acq: 15 Nov 2016 17:16

Instrument :

BNA_F

ClientSampleId :

C19023041MS

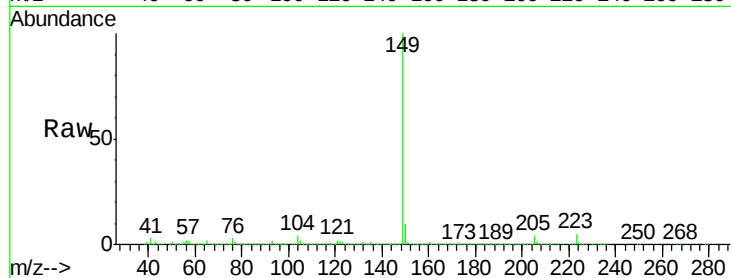
Tot Ion:149 Resp: 2127630

Ion Ratio Lower Upper

149 100

150 9.6 7.7 11.5

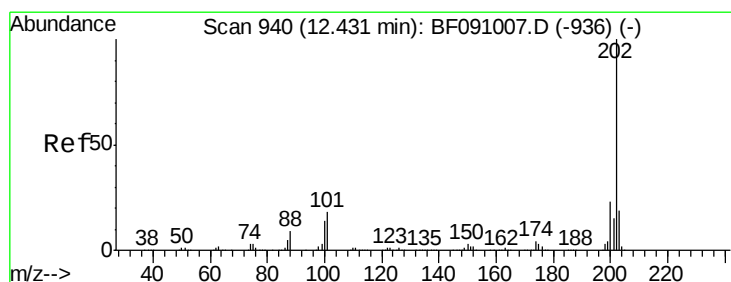
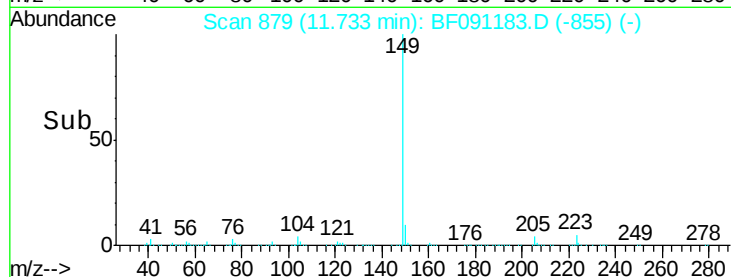
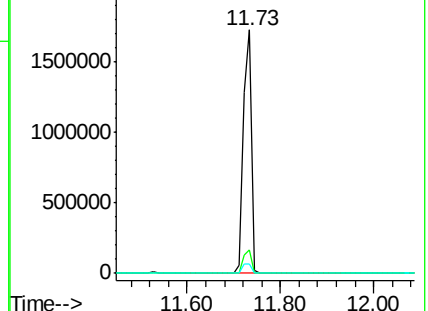
104 3.8 3.6 5.4



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: 55.01 ng

RT: 12.36 min Scan# 934

Delta R.T. -0.02 min

Lab File: BF091183.D

Acq: 15 Nov 2016 17:16

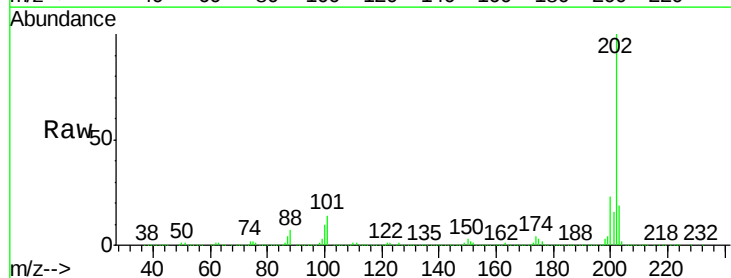
Tgt Ion:202 Resp: 1970488

Ion Ratio Lower Upper

202 100

101 13.6 0.0 37.6

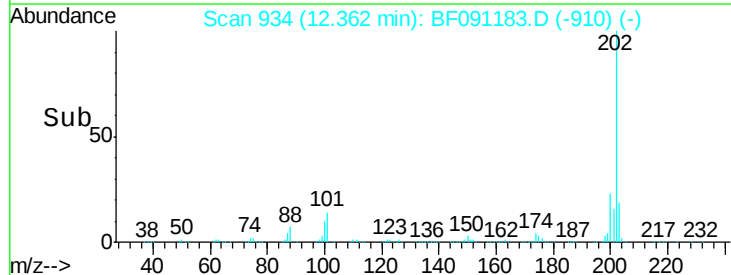
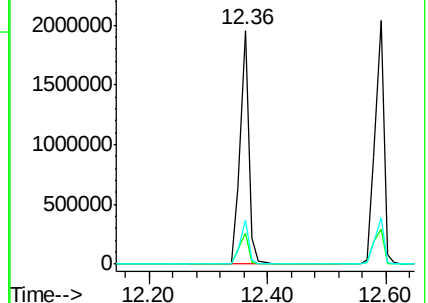
203 18.9 0.0 38.6

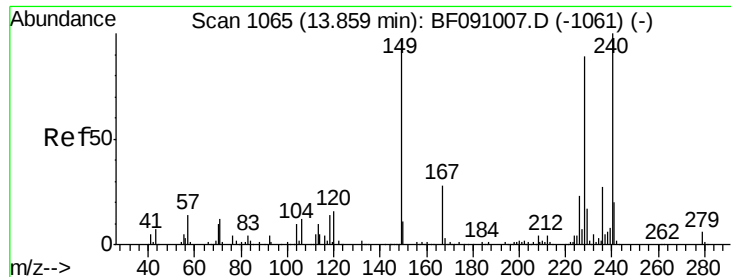


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.79 min Scan# 1059

Delta R.T. -0.02 min

Lab File: BF091183.D

Acq: 15 Nov 2016 17:16

Instrument :

BNA_F

ClientSampleId :

C19023041MS

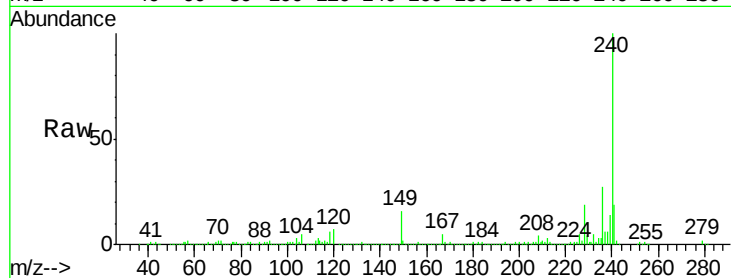
Tot Ion:240 Resp: 504730

Ion Ratio Lower Upper

240 100

120 6.7 12.9 19.3#

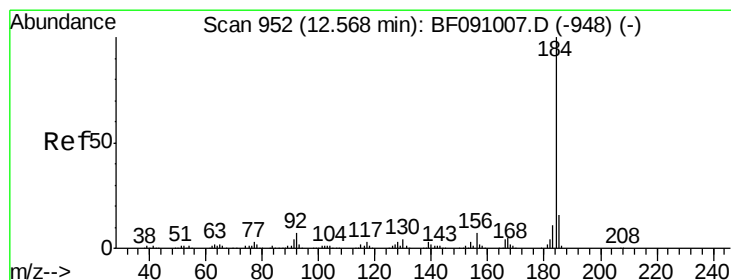
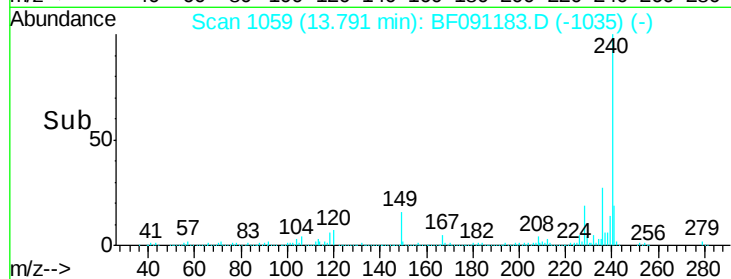
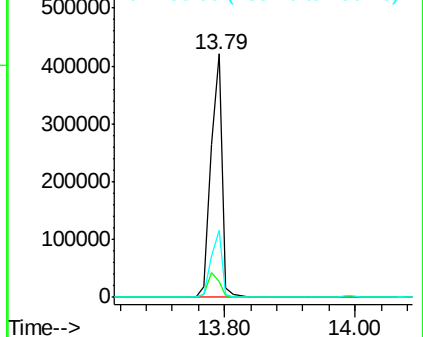
236 27.4 21.9 32.9



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: 49.18 ng

RT: 12.50 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF091183.D

Acq: 15 Nov 2016 17:16

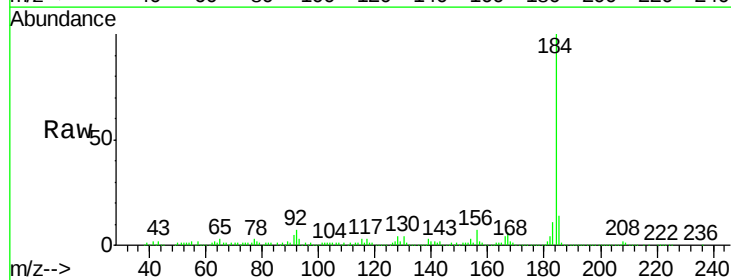
Tgt Ion:184 Resp: 554537

Ion Ratio Lower Upper

184 100

185 14.4 13.0 19.4

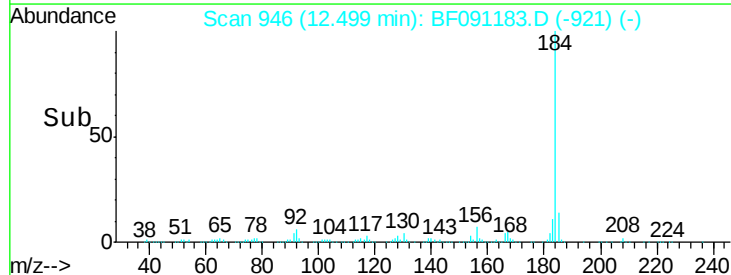
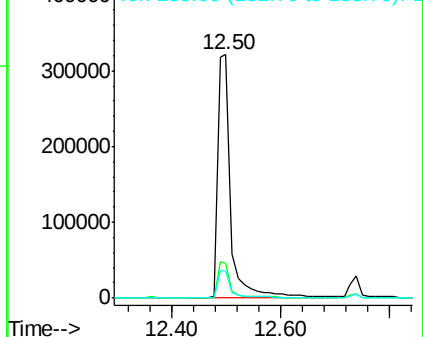
183 11.4 8.7 13.1

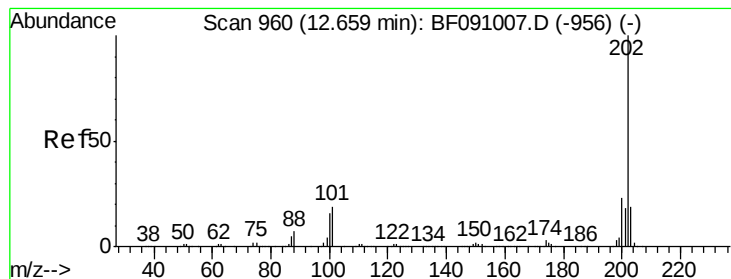


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 63.47 ng

RT: 12.59 min Scan# 954

Delta R.T. -0.02 min

Lab File: BF091183.D

Acq: 15 Nov 2016 17:16

Instrument :

BNA_F

ClientSampleId :

C19023041MS

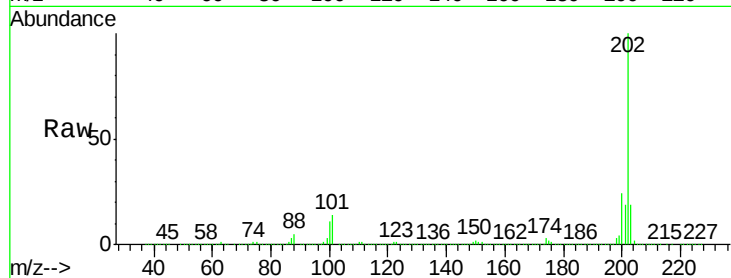
Tot Ion:202 Resp: 2097845

Ion Ratio Lower Upper

202 100

200 24.3 18.4 27.6

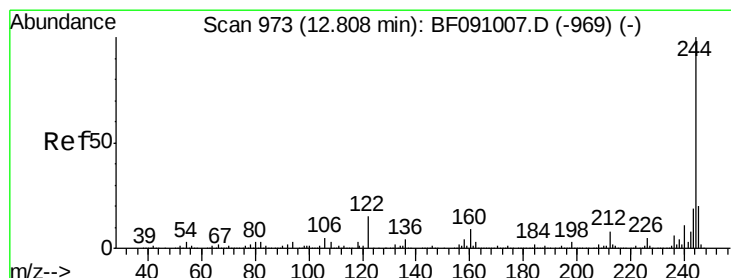
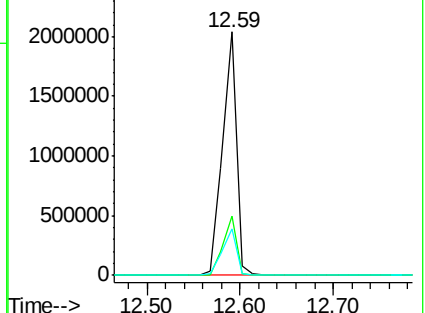
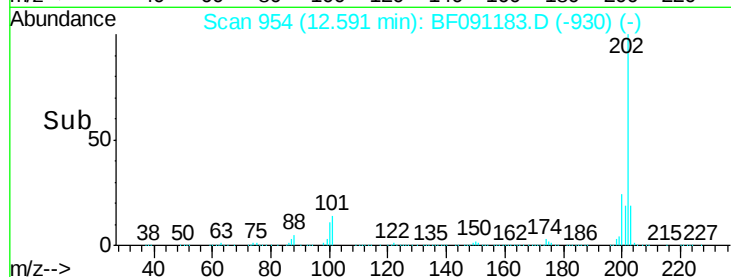
203 19.0 15.0 22.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 103.65 ng

RT: 12.74 min Scan# 967

Delta R.T. -0.02 min

Lab File: BF091183.D

Acq: 15 Nov 2016 17:16

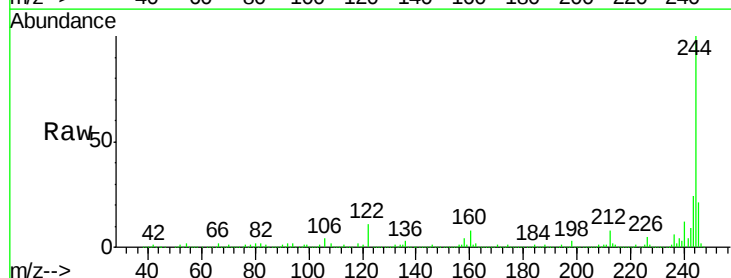
Tgt Ion:244 Resp: 2096370

Ion Ratio Lower Upper

244 100

212 7.7 6.4 9.6

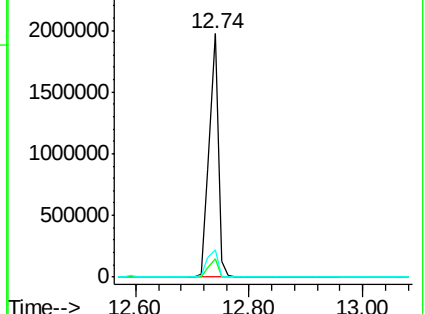
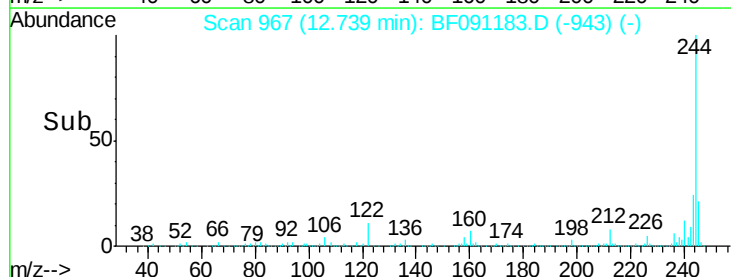
122 11.2 12.3 18.5#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

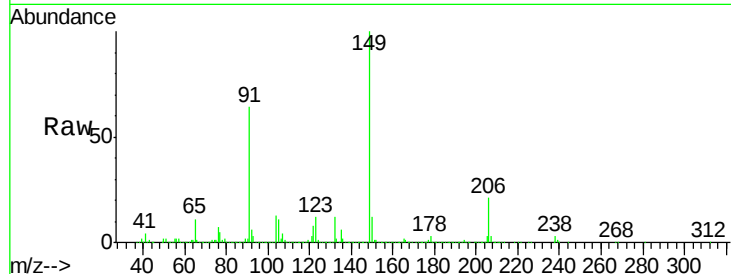




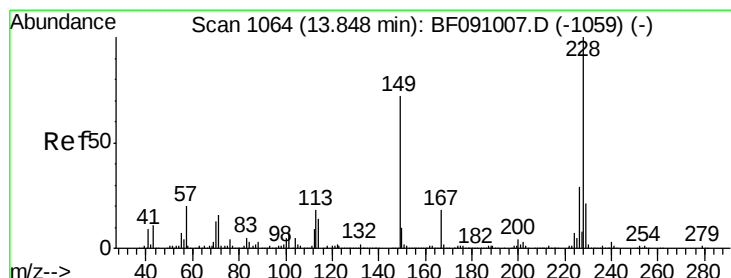
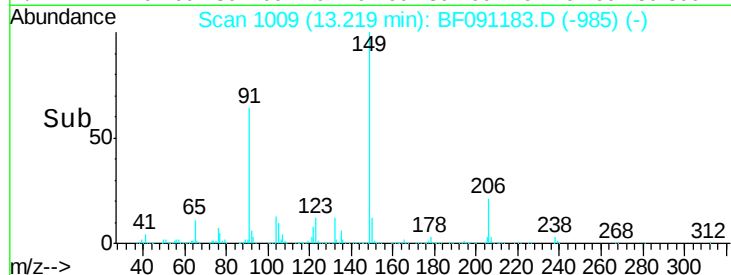
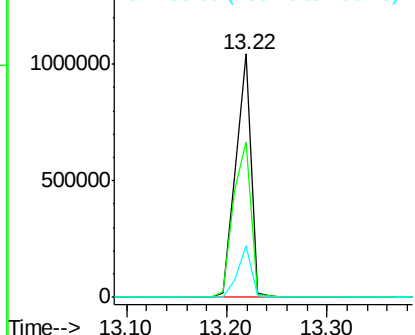
#79
Butylbenzylphthalate
Concen: 69.70 ng
RT: 13.22 min Scan# 1009
Delta R.T. -0.02 min
Lab File: BF091183.D
Acq: 15 Nov 2016 17:16

Instrument :
BNA_F
ClientSampleId :
C19023041MS

Tot Ion:149 Resp: 1101965
Ion Ratio Lower Upper
149 100
91 64.0 65.0 97.4#
206 21.3 12.5 18.7#

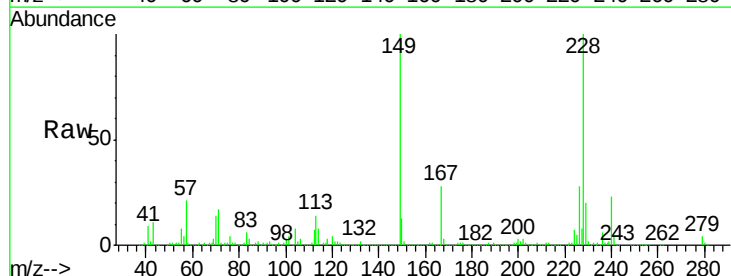


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

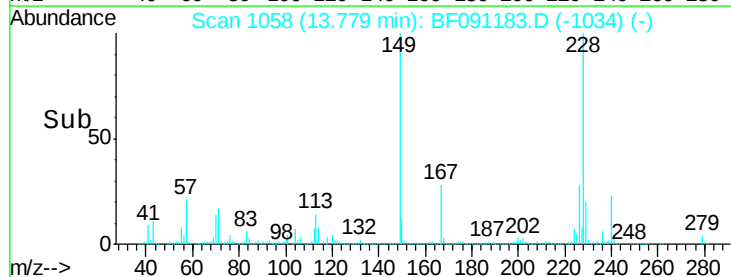
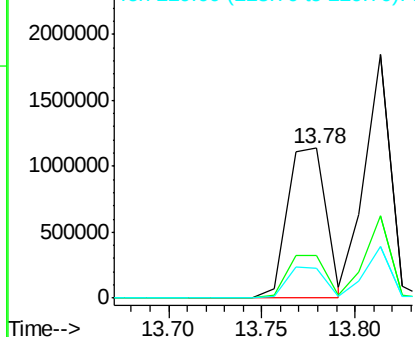


#80
Benzo(a)anthracene
Concen: 57.29 ng
RT: 13.78 min Scan# 1058
Delta R.T. -0.02 min
Lab File: BF091183.D
Acq: 15 Nov 2016 17:16

Tgt Ion:228 Resp: 1641760
Ion Ratio Lower Upper
228 100
226 28.3 23.0 34.6
229 20.1 16.6 24.8



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

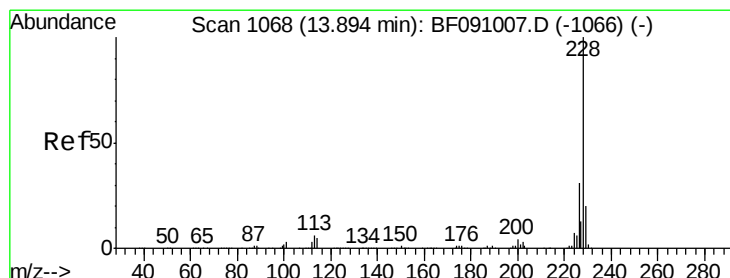
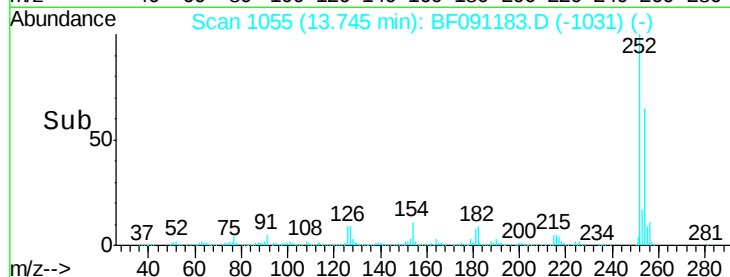
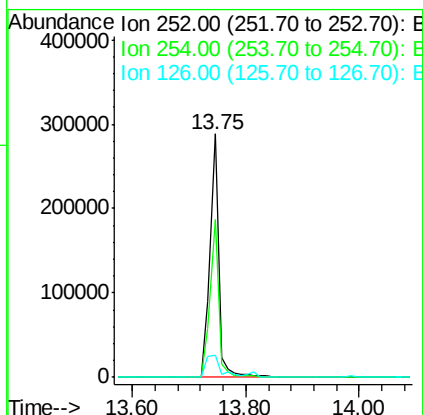
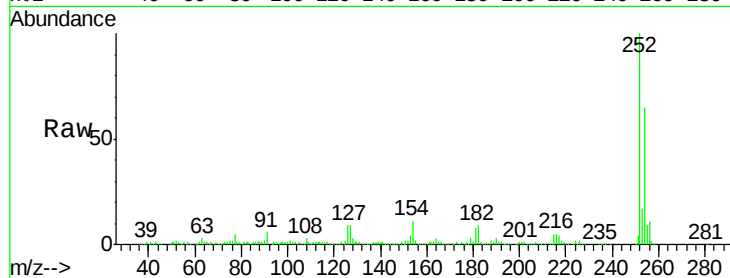




#81
 3,3'-Dichlorobenzidine
 Concen: 29.68 ng
 RT: 13.75 min Scan# 1055
 Delta R.T. -0.02 min
 Lab File: BF091183.D
 Acq: 15 Nov 2016 17:16

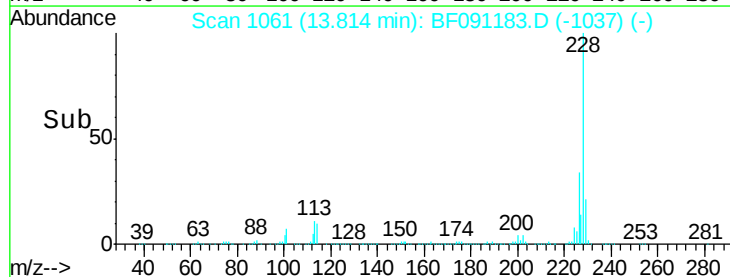
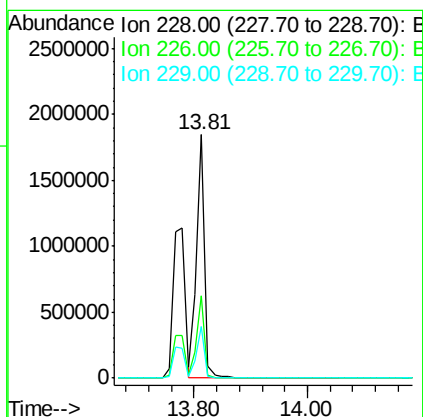
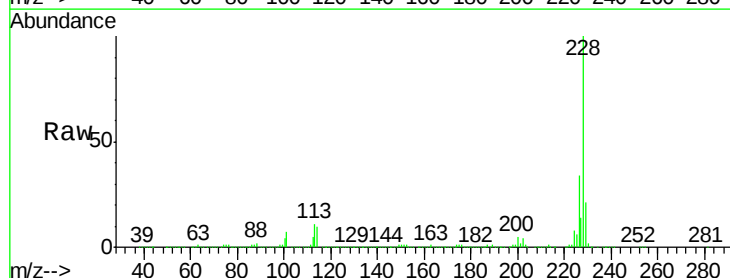
Instrument :
 BNA_F
 ClientSampleId :
 C19023041MS

Tot Ion:252 Resp: 298867
 Ion Ratio Lower Upper
 252 100
 254 64.6 52.0 78.0
 126 9.1 5.4 8.2#



#82
 Chrysene
 Concen: 64.13 ng
 RT: 13.81 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BF091183.D
 Acq: 15 Nov 2016 17:16

Tgt Ion:228 Resp: 1812244
 Ion Ratio Lower Upper
 228 100
 226 33.9 24.9 37.3
 229 21.2 15.9 23.9

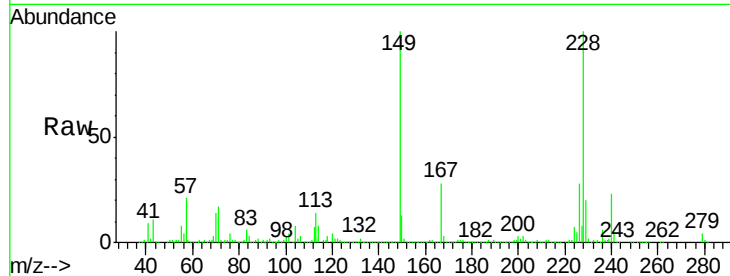




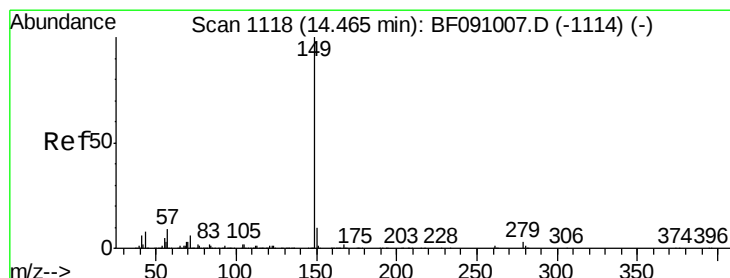
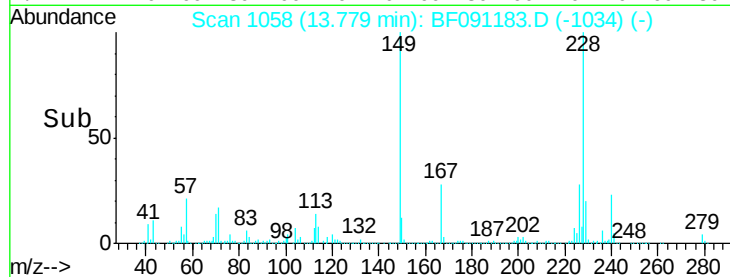
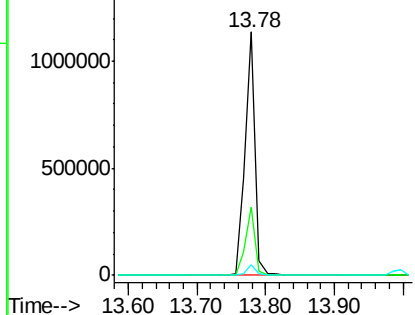
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 53.82 ng
 RT: 13.78 min Scan# 1058
 Delta R.T. -0.02 min
 Lab File: BF091183.D
 Acq: 15 Nov 2016 17:16

Instrument :
 BNA_F
 ClientSampleId :
 C19023041MS

Tot Ion:149 Resp: 1151515
 Ion Ratio Lower Upper
 149 100
 167 28.0 20.4 30.6
 279 4.1 1.6 2.4#

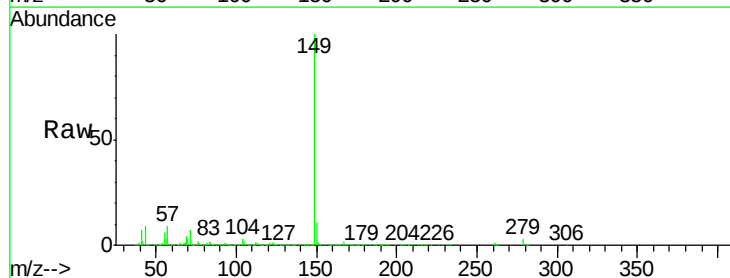


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

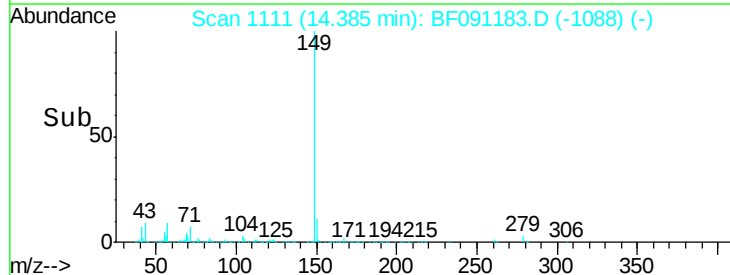
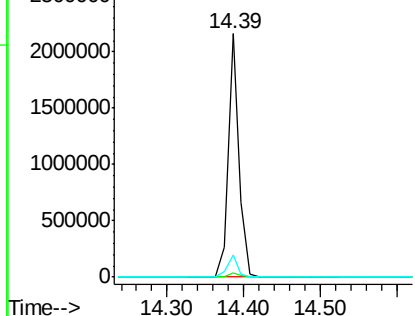


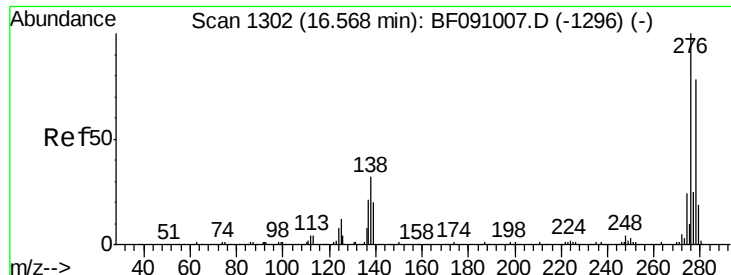
#84
 Di-n-octyl phthalate
 Concen: 61.02 ng
 RT: 14.39 min Scan# 1111
 Delta R.T. -0.03 min
 Lab File: BF091183.D
 Acq: 15 Nov 2016 17:16

Tgt Ion:149 Resp: 2146743
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 8.6 8.2 12.4



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

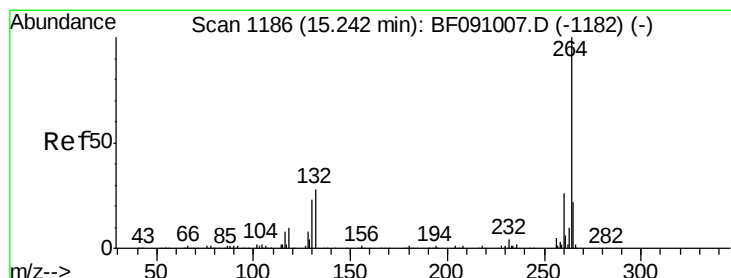
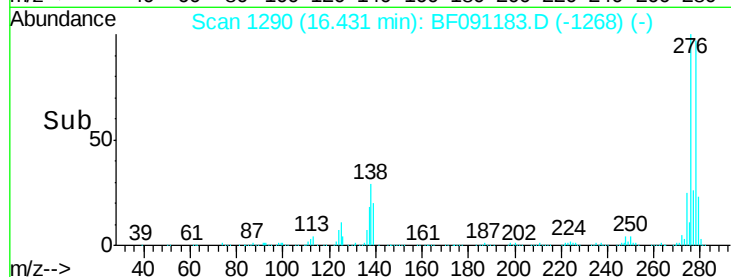
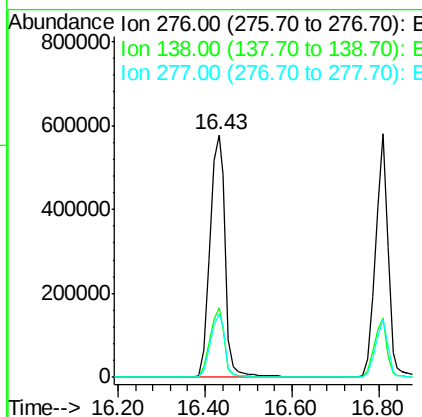
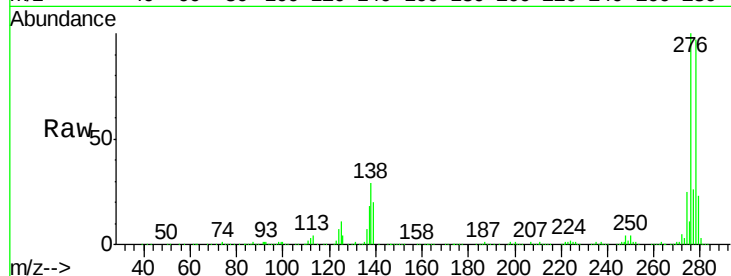




#85
Indeno(1,2,3-cd)pyrene
Concen: 61.72 ng
RT: 16.43 min Scan# 1290
Delta R.T. -0.05 min
Lab File: BF091183.D
Acq: 15 Nov 2016 17:16

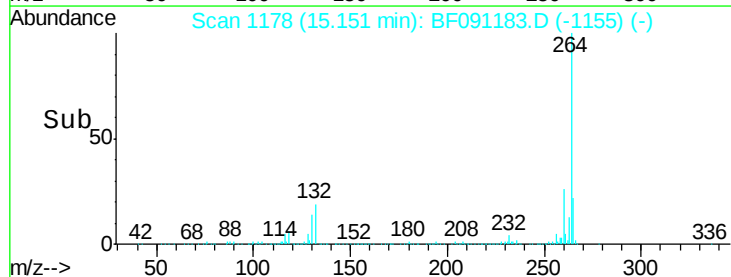
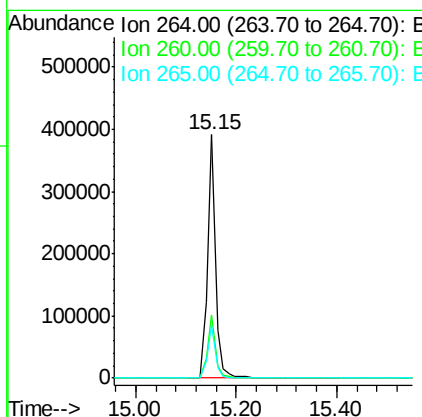
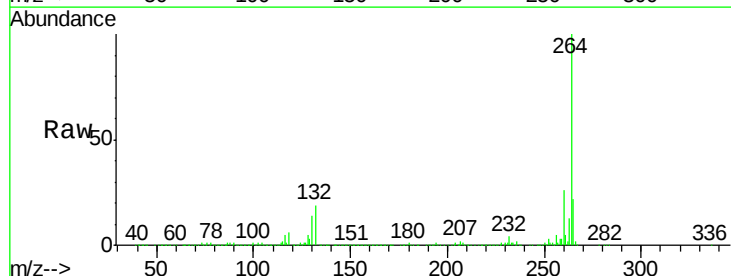
Instrument :
BNA_F
ClientSampleId :
C19023041MS

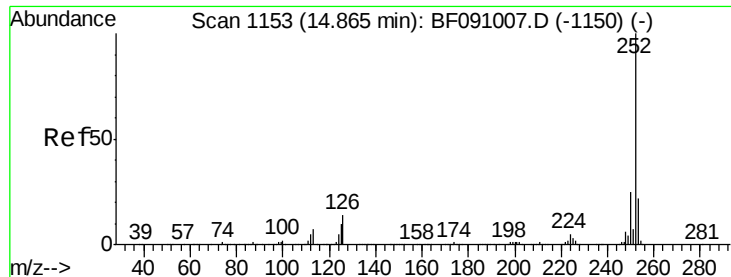
Tot Ion:276 Resp: 1447168
Ion Ratio Lower Upper
276 100
138 27.5 26.0 39.0
277 25.2 20.1 30.1



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.15 min Scan# 1178
Delta R.T. -0.03 min
Lab File: BF091183.D
Acq: 15 Nov 2016 17:16

Tgt Ion:264 Resp: 433706
Ion Ratio Lower Upper
264 100
260 25.8 20.6 30.8
265 21.6 17.8 26.8

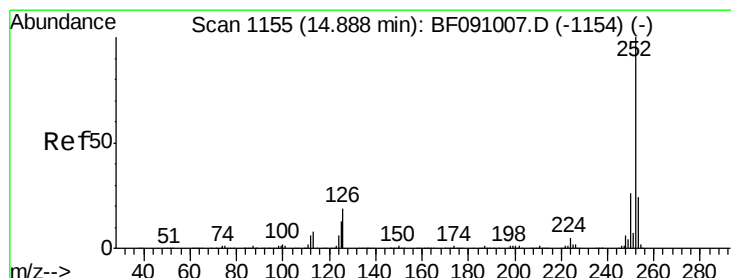
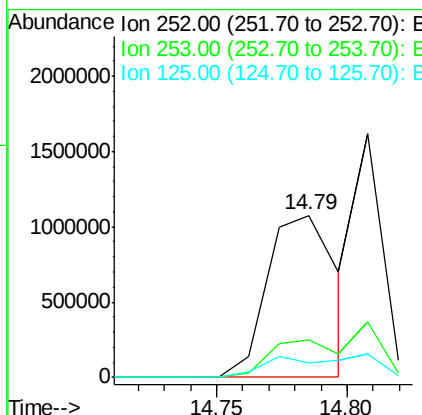
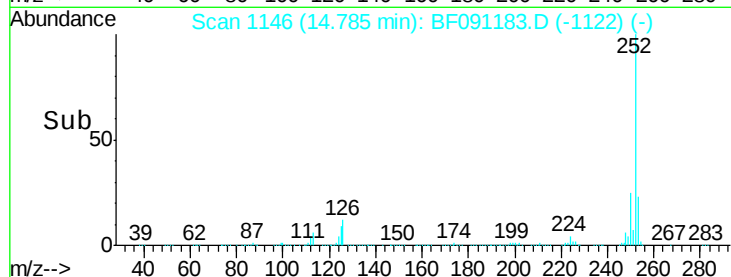
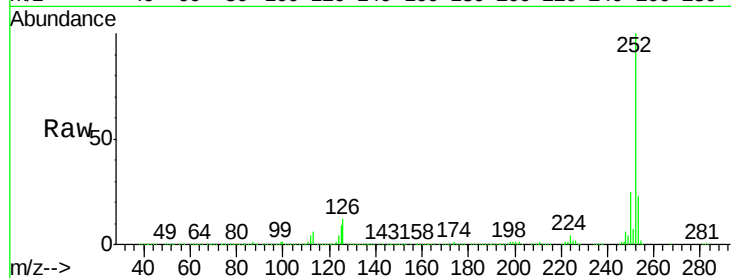




#87
Benzo(b)fluoranthene
Concen: 67.91 ng m
RT: 14.79 min Scan# 1146
Delta R.T. -0.02 min
Lab File: BF091183.D
Acq: 15 Nov 2016 17:16

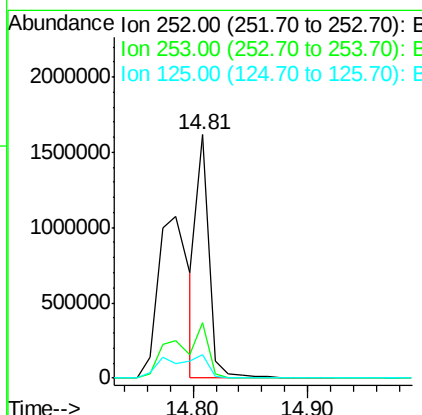
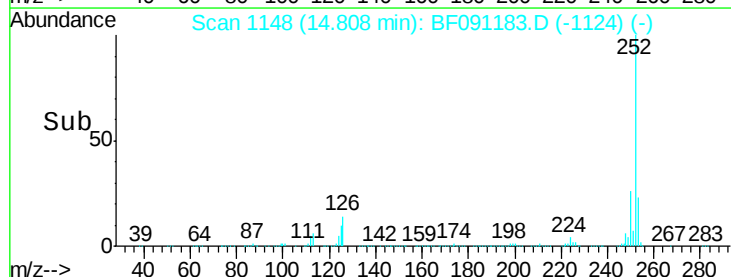
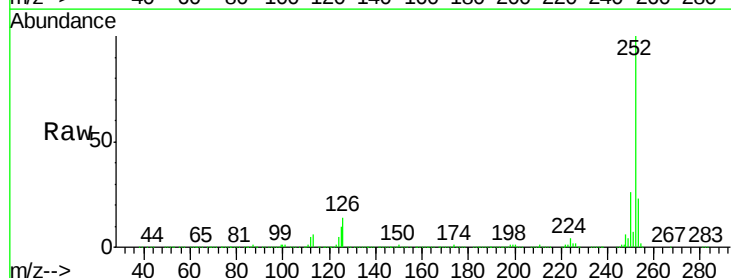
Instrument :
BNA_F
ClientSampleId :
C19023041MS

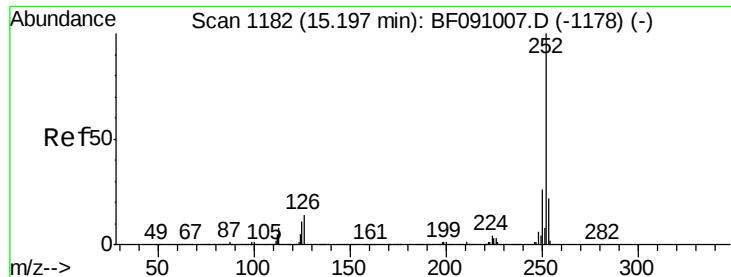
Tot Ion:252 Resp: 1997707
Ion Ratio Lower Upper
252 100
253 22.9 18.0 27.0
125 8.6 8.3 12.5



#88
Benzo(k)fluoranthene
Concen: 48.41 ng m
RT: 14.81 min Scan# 1148
Delta R.T. -0.02 min
Lab File: BF091183.D
Acq: 15 Nov 2016 17:16

Tgt Ion:252 Resp: 1249026
Ion Ratio Lower Upper
252 100
253 23.0 18.6 28.0
125 9.7 11.2 16.8#





#89

Benzo(a)pyrene

Concen: 58.11 ng

RT: 15.11 min Scan# 1174

Delta R.T. -0.02 min

Lab File: BF091183.D

Acq: 15 Nov 2016 17:16

Instrument :

BNA_F

ClientSampleId :

C19023041MS

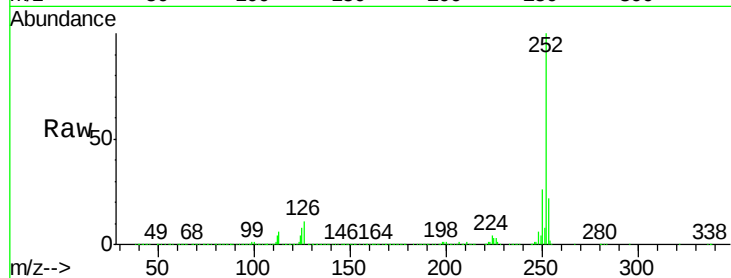
Tot Ion:252 Resp: 1488188

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

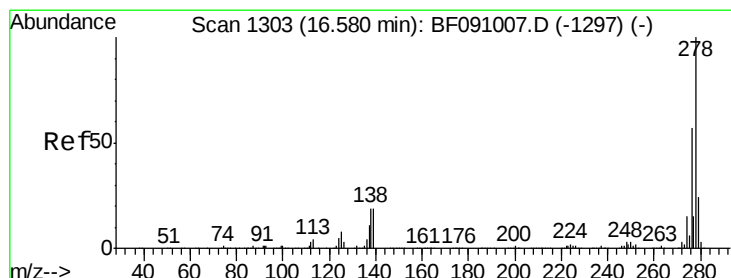
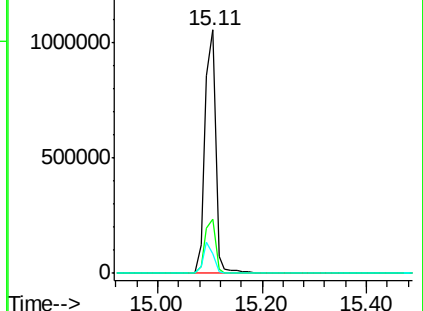
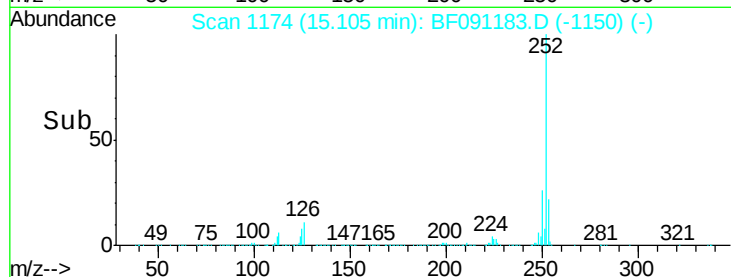
125 8.1 8.6 13.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 55.94 ng

RT: 16.44 min Scan# 1291

Delta R.T. -0.05 min

Lab File: BF091183.D

Acq: 15 Nov 2016 17:16

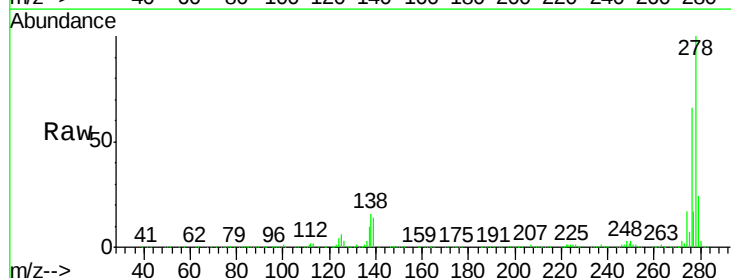
Tgt Ion:278 Resp: 1238424

Ion Ratio Lower Upper

278 100

139 13.7 15.3 22.9#

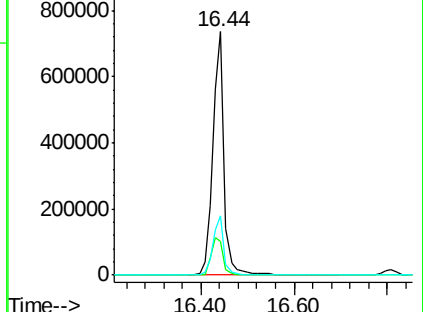
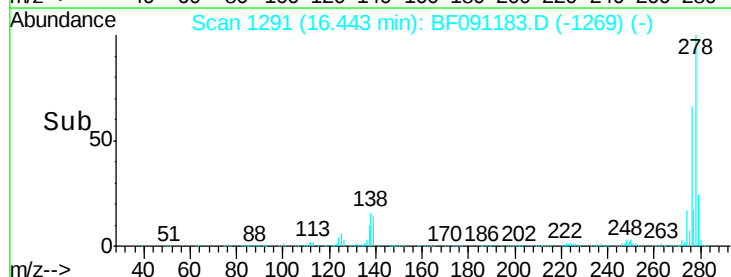
279 24.3 19.3 28.9

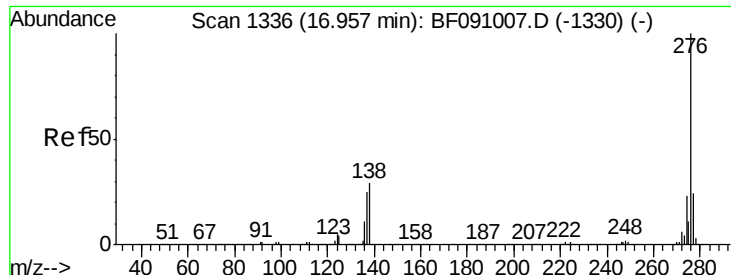


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 56.80 ng

RT: 16.81 min Scan# 1323

Delta R.T. -0.05 min

Lab File: BF091183.D

Acq: 15 Nov 2016 17:16

Instrument :

BNA_F

ClientSampleId :

C19023041MS

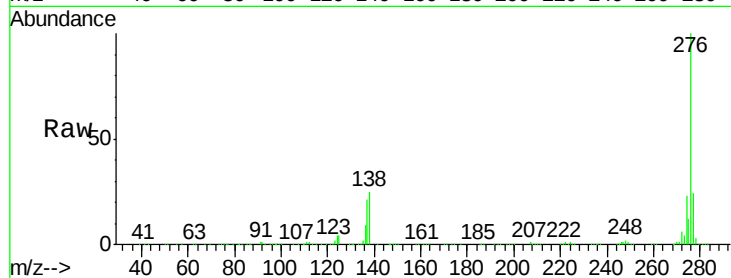
Tot Ion:276 Resp: 1137146

Ion Ratio Lower Upper

276 100

277 24.0 19.2 28.8

138 24.6 23.3 34.9



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

