

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011217\
 Data File : BF092205.D
 Acq On : 12 Jan 2017 13:00
 Operator : UM/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 12 16:07:08 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	234554	20.00	ng	-0.05
21) Naphthalene-d8	7.89	136	1010837	20.00	ng	-0.05
38) Acenaphthene-d10	9.64	164	476739	20.00	ng	-0.05
63) Phenanthrene-d10	11.11	188	907593	20.00	ng	-0.05
75) Chrysene-d12	13.74	240	572339	20.00	ng	-0.05
86) Perylene-d12	15.10	264	561174	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	1016762	72.38	ng	-0.05
7) Phenol-d6	6.26	99	1150147	67.06	ng	-0.05
23) Nitrobenzene-d5	7.18	82	1328156	73.06	ng	-0.03
41) 2,4,6-Tribromophenol	10.42	330	311782	79.02	ng	-0.05
44) 2-Fluorobiphenyl	8.97	172	2099694	91.18	ng	-0.03
78) Terphenyl-d14	12.70	244	2085306	88.36	ng	-0.05

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.05	88	238506	34.49	ng	100
3) Pyridine	2.68	79	711748	29.49	ng	96
4) n-Nitrosodimethylamine	2.64	42	288509	31.69	ng	98
6) Aniline	6.26	93	782990	35.15	ng	# 51
8) 2-Chlorophenol	6.39	128	582677	36.47	ng	94
9) Benzaldehyde	6.14	77	336272	32.03	ng	96
10) Phenol	6.28	94	658583	33.70	ng	85
11) bis(2-Chloroethyl)ether	6.34	93	517210	33.26	ng	96
12) 1,3-Dichlorobenzene	6.54	146	731583	42.89	ng	98
13) 1,4-Dichlorobenzene	6.62	146	727230	41.89	ng	94
14) 1,2-Dichlorobenzene	6.77	146	563363	37.39	ng	99
15) Benzyl Alcohol	6.76	79	461075	34.60	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.89	45	901584	38.93	ng	# 45
17) 2-Methylphenol	6.89	107	480635	37.40	ng	# 92
18) Hexachloroethane	7.11	117	254351	39.51	ng	99
19) n-Nitroso-di-n-propylamine	7.03	70	416020	36.46	ng	99
20) 3+4-Methylphenols	7.04	107	658220	42.94	ng	# 70
22) Acetophenone	7.02	105	912703	36.61	ng	# 93
24) Nitrobenzene	7.19	77	632541	32.67	ng	99
25) Isophorone	7.44	82	1224371	36.51	ng	99
26) 2-Nitrophenol	7.51	139	357205	37.41	ng	94
27) 2,4-Dimethylphenol	7.57	122	546994	34.54	ng	98
28) bis(2-Chloroethoxy)methane	7.65	93	727180	35.75	ng	98
29) 2,4-Dichlorophenol	7.76	162	512418	38.21	ng	91
30) 1,2,4-Trichlorobenzene	7.83	180	552037	37.57	ng	94
31) Naphthalene	7.91	128	1898617	41.04	ng	99
32) Benzoic acid	7.74	122	502173	42.75	ng	89
33) 4-Chloroaniline	7.97	127	734448	35.21	ng	98
34) Hexachlorobutadiene	8.04	225	305264	39.35	ng	98
35) Caprolactam	8.36	113	154612	35.09	ng	# 65
36) 4-Chloro-3-methylphenol	8.47	107	515976	33.44	ng	99
37) 2-Methylnaphthalene	8.60	142	1111202	37.31	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.77	216	476995	39.60	ng	99
40) Hexachlorocyclopentadiene	8.76	237	229585	44.65	ng	96

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011217\
 Data File : BF092205.D
 Acq On : 12 Jan 2017 13:00
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 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

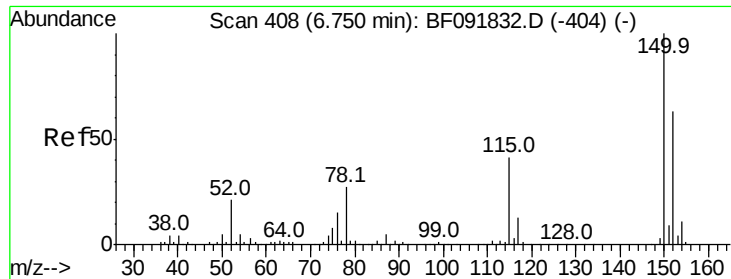
Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 12 16:07:08 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	8.89	196	351448	41.72	nq	98
43) 2,4,5-Trichlorophenol	8.94	196	344195	39.70	nq	# 91
45) 1,1'-Biphenyl	9.06	154	1297172	39.74	nq	98
46) 2-Chloronaphthalene	9.09	162	1026140	39.70	nq	97
47) 2-Nitroaniline	9.19	65	326435	35.47	nq	100
48) Acenaphthylene	9.50	152	1576822	39.66	nq	99
49) Dimethylphthalate	9.37	163	1185247	38.87	nq	98
50) 2,6-Dinitrotoluene	9.44	165	300323	45.00	nq	# 87
51) Acenaphthene	9.67	154	1037318	38.49	nq	99
52) 3-Nitroaniline	9.60	138	307163	37.19	nq	97
53) 2,4-Dinitrophenol	9.72	184	151970	40.92	nq	# 55
54) Dibenzofuran	9.84	168	1339328	36.79	nq	97
55) 4-Nitrophenol	9.80	139	202013	36.02	nq	94
56) 2,4-Dinitrotoluene	9.84	165	311263	37.16	nq	# 83
57) Fluorene	10.18	166	1151709	43.49	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.97	232	274448	40.03	nq	97
59) Diethylphthalate	10.07	149	1141238	38.54	nq	99
60) 4-Chlorophenyl-phenylether	10.17	204	465429	40.14	nq	98
61) 4-Nitroaniline	10.22	138	345883	40.41	nq	95
62) Azobenzene	10.33	77	1284000	39.38	nq	98
64) 4,6-Dinitro-2-methylphenol	10.25	198	218589	39.83	nq	78
65) n-Nitrosodiphenylamine	10.30	169	905318	33.62	nq	100
66) 4-Bromophenyl-phenylether	10.66	248	347325	36.79	nq	92
67) Hexachlorobenzene	10.73	284	387268	38.38	nq	# 88
68) Atrazine	10.84	200	314958	36.25	nq	98
69) Pentachlorophenol	10.93	266	174274	35.20	nq	98
70) Phenanthrene	11.13	178	1684795	34.23	nq	99
71) Anthracene	11.19	178	1993588	46.05	nq	99
72) Carbazole	11.35	167	1715577	40.54	nq	99
73) Di-n-butylphthalate	11.69	149	2202436	47.45	nq	# 97
74) Fluoranthene	12.32	202	1938285	44.88	nq	93
76) Benzidine	12.45	184	731938	52.07	nq	96
77) Pyrene	12.54	202	1789181	42.61	nq	99
79) Butylbenzylphthalate	13.18	149	959800	50.25	nq	# 83
80) Benzo(a)anthracene	13.73	228	1467328	45.42	nq	100
81) 3,3'-Dichlorobenzidine	13.71	252	581551	47.47	nq	# 94
82) Chrysene	13.76	228	1388230	42.84	nq	99
83) Bis(2-ethylhexyl)phthalate	13.74	149	1062651	47.25	nq	# 98
84) Di-n-octyl phthalate	14.35	149	1956825	46.97	nq	99
85) Indeno(1,2,3-cd)pyrene	16.35	276	1236846	44.06	nq	96
87) Benzo(b)fluoranthene	14.76	252	2502054	71.61	nq	100
88) Benzo(k)fluoranthene	14.76	252	2502054	83.98	nq	98
89) Benzo(a)pyrene	15.04	252	1172688	37.82	nq	98
90) Dibenzo(a,h)anthracene	16.36	278	1038970	40.76	nq	99
91) Benzo(g,h,i)perylene	16.71	276	1112254	41.97	nq	# 91

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

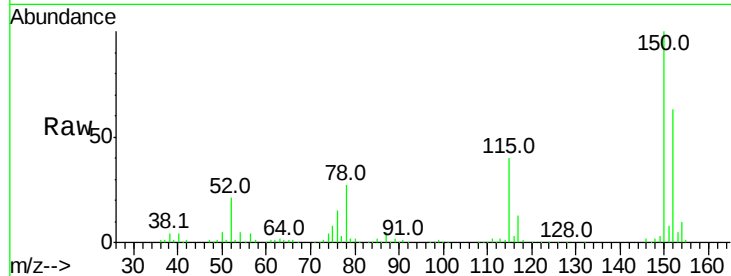


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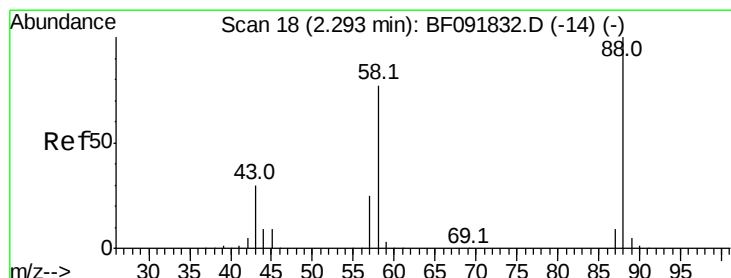
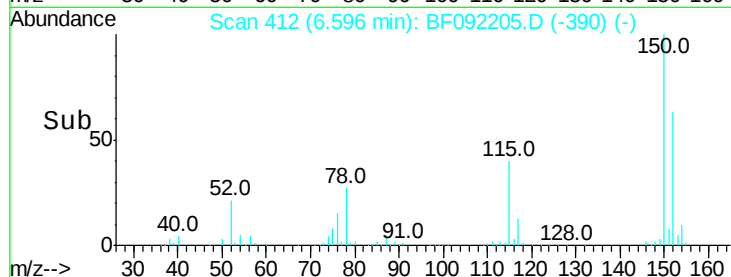
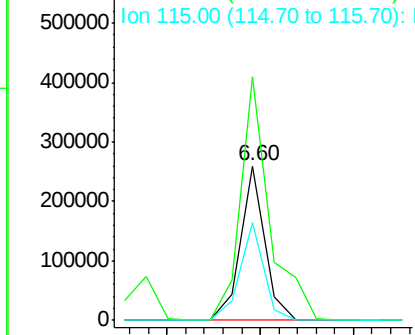
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 412
Delta R.T. -0.05 min
Lab File: BF092205.D
Acq: 12 Jan 2017 13:00

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 234554
Ion Ratio Lower Upper
152 100
150 158.1 124.9 187.3
115 63.4 46.0 69.0



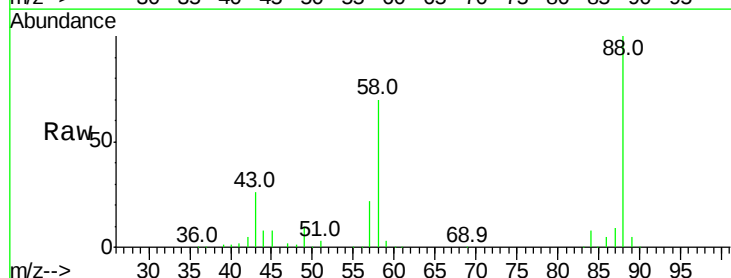
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



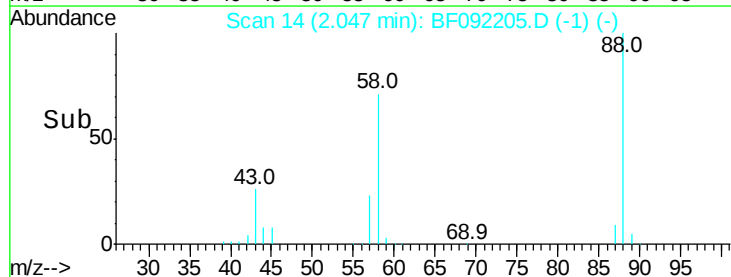
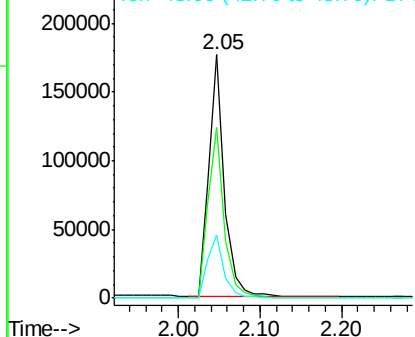
#2

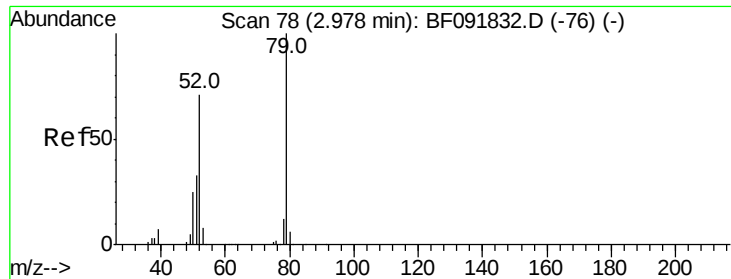
1,4-Dioxane
Concen: 34.49 ng
RT: 2.05 min Scan# 14
Delta R.T. -0.03 min
Lab File: BF092205.D
Acq: 12 Jan 2017 13:00

Tgt Ion: 88 Resp: 238506
Ion Ratio Lower Upper
88 100
58 72.5 57.8 86.8
43 27.5 22.3 33.5



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0

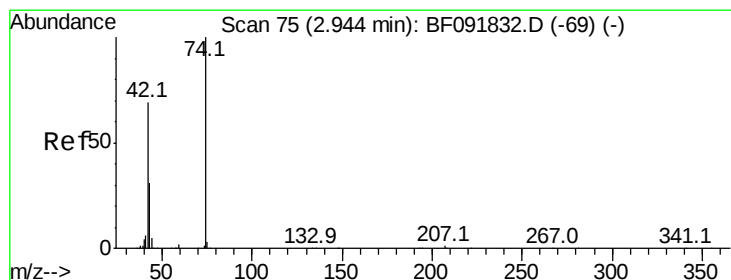
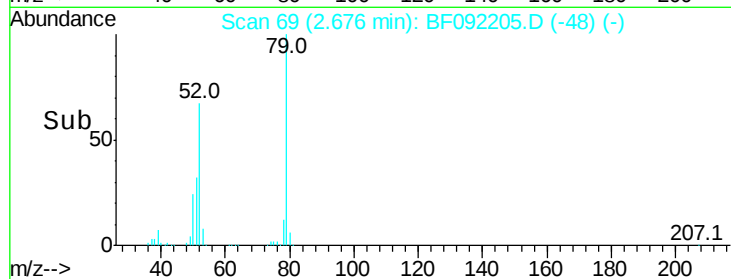
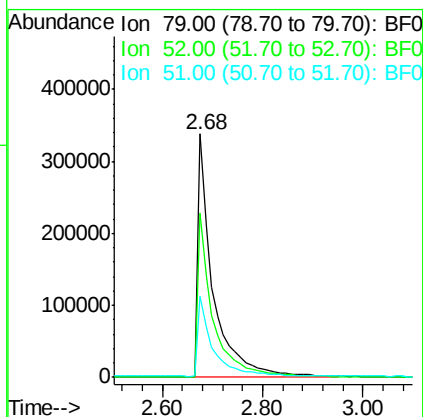
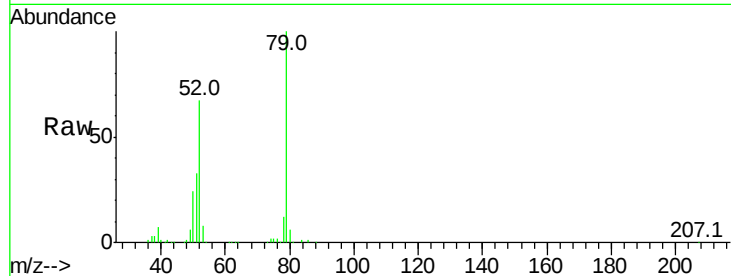




#3
 Pvridine
 Concen: 29.49 ng
 RT: 2.68 min Scan# 69
 Delta R.T. -0.06 min
 Lab File: BF092205.D
 Acq: 12 Jan 2017 13:00

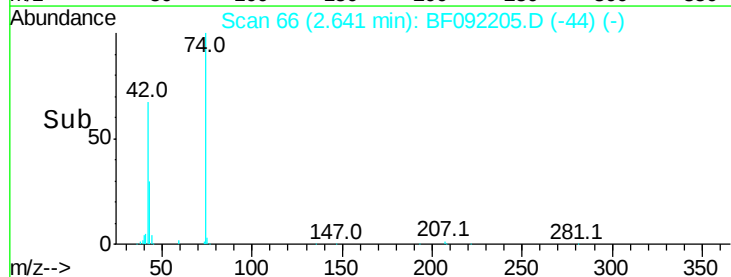
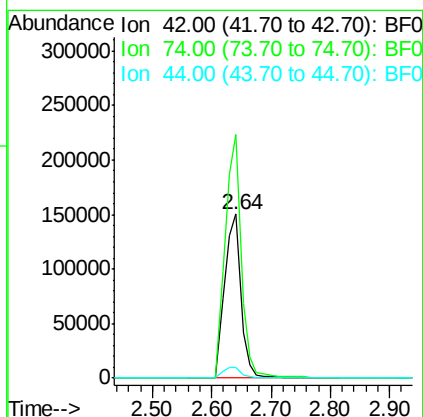
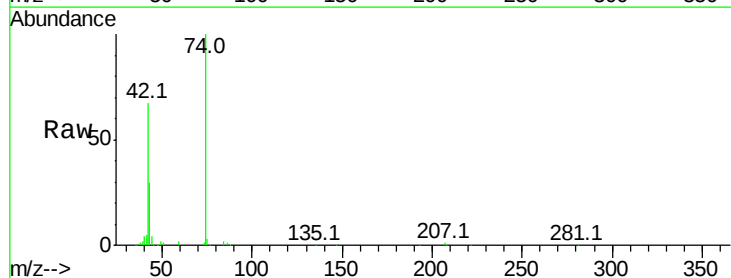
Instrument :
 BNA_F
 ClientSampled :

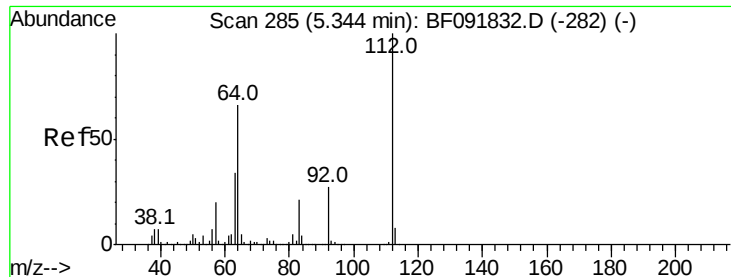
Tot Ion: 79 Resp: 711748
 Ion Ratio Lower Upper
 79 100
 52 67.4 57.1 85.7
 51 33.1 27.3 40.9



#4
 n-Nitrosodimethylamine
 Concen: 31.69 ng
 RT: 2.64 min Scan# 66
 Delta R.T. -0.05 min
 Lab File: BF092205.D
 Acq: 12 Jan 2017 13:00

Tgt Ion: 42 Resp: 288509
 Ion Ratio Lower Upper
 42 100
 74 148.5 117.0 175.4
 44 6.6 5.5 8.3





#5

2-Fluorophenol

Concen: 72.38 ng

RT: 5.19 min Scan# 289

Delta R.T. -0.05 min

Lab File: BF092205.D

Acq: 12 Jan 2017 13:00

Instrument :

BNA_F

ClientSampled :

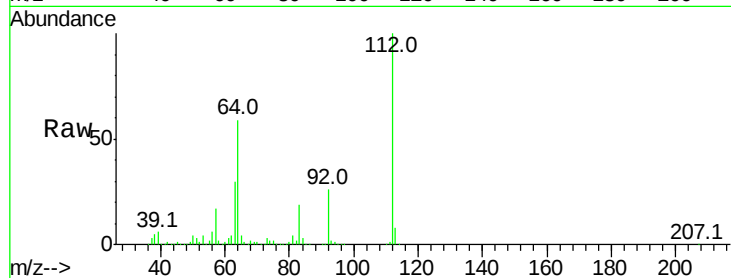
Tot Ion:112 Resp: 1016762

Ion Ratio Lower Upper

112 100

64 59.1 46.1 69.1

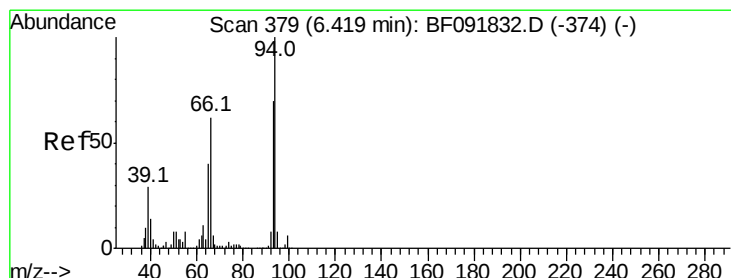
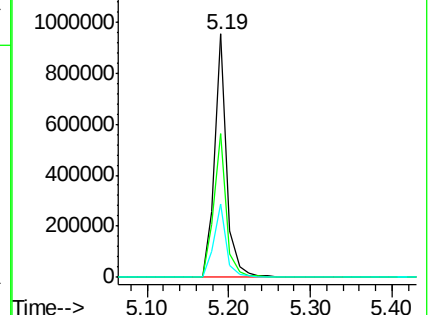
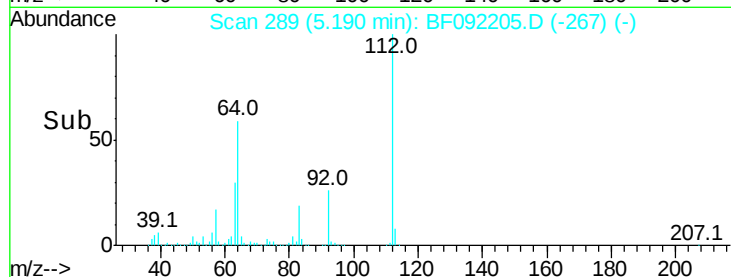
63 29.9 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 35.15 ng

RT: 6.26 min Scan# 383

Delta R.T. -0.05 min

Lab File: BF092205.D

Acq: 12 Jan 2017 13:00

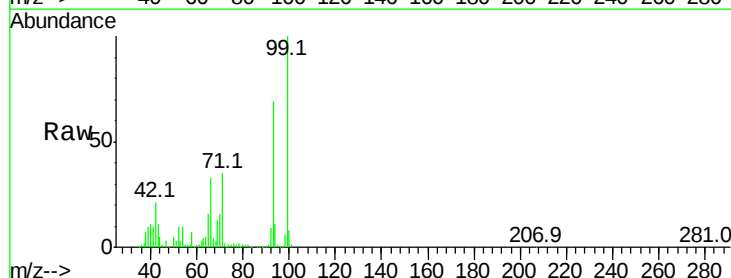
Tgt Ion: 93 Resp: 782990

Ion Ratio Lower Upper

93 100

66 48.6 76.2 114.2#

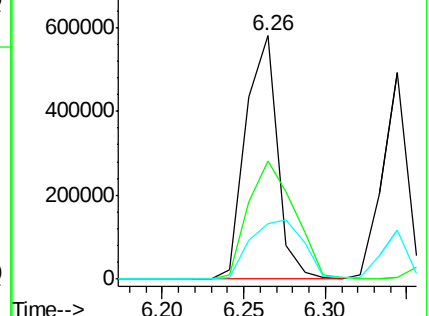
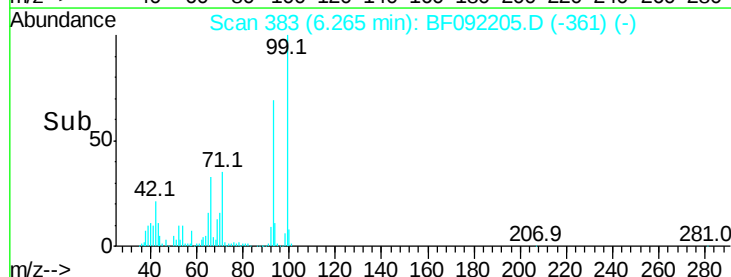
65 23.0 49.3 73.9#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 67.06 ng

RT: 6.26 min Scan# 383

Delta R.T. -0.05 min

Lab File: BF092205.D

Acq: 12 Jan 2017 13:00

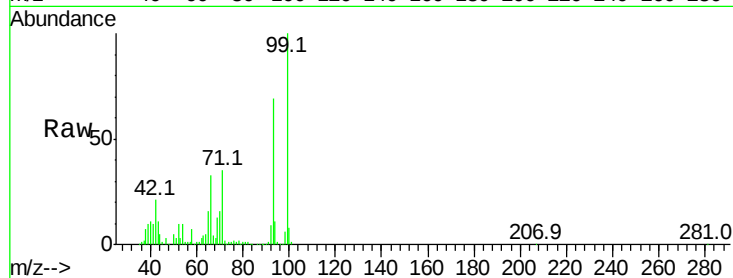
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1150147

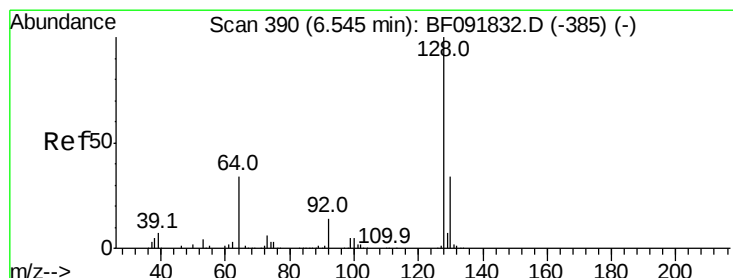
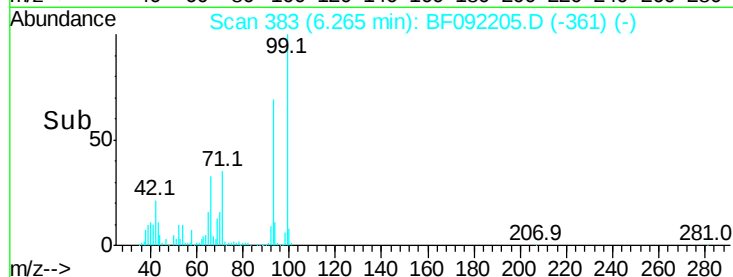
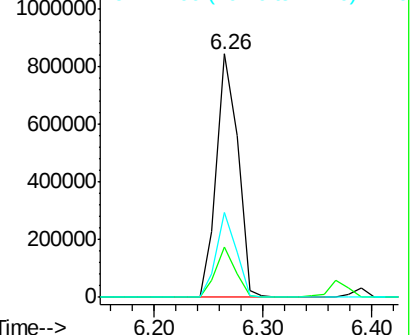
Ion	Ratio	Lower	Upper
99	100		
42	20.9	15.6	23.4
71	34.7	27.5	41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 36.47 ng

RT: 6.39 min Scan# 394

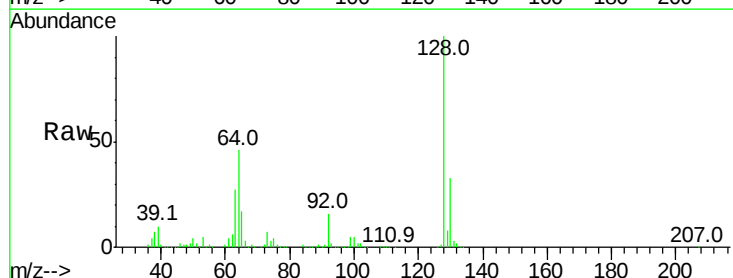
Delta R.T. -0.05 min

Lab File: BF092205.D

Acq: 12 Jan 2017 13:00

Tgt Ion:128 Resp: 582677

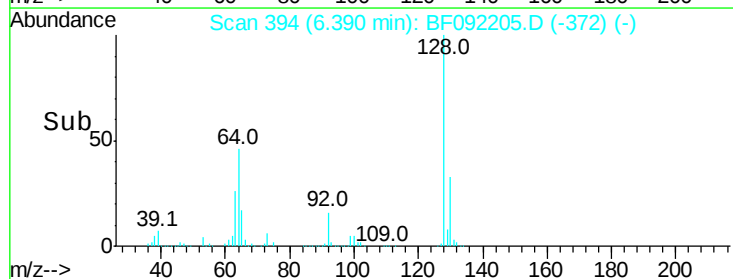
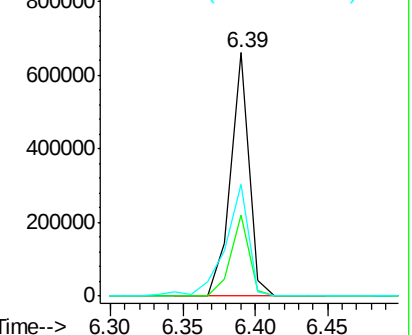
Ion	Ratio	Lower	Upper
128	100		
130	33.3	12.3	52.3
64	45.8	32.2	72.2

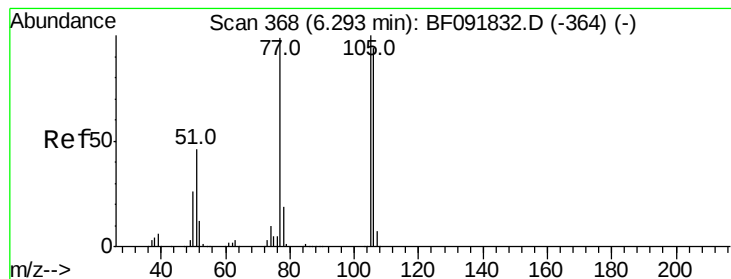


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 32.03 ng

RT: 6.14 min Scan# 372

Delta R.T. -0.05 min

Lab File: BF092205.D

Acq: 12 Jan 2017 13:00

Instrument :

BNA_F

ClientSampleId :

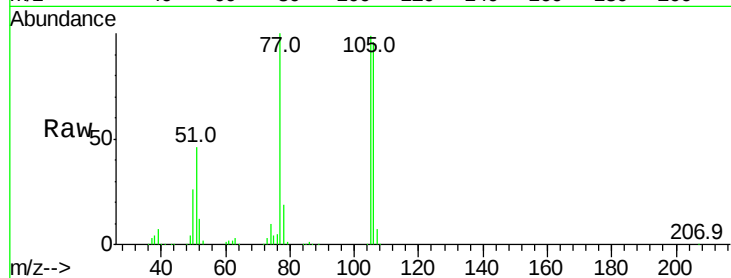
Tot Ion: 77 Resp: 336272

Ion Ratio Lower Upper

77 100

105 98.8 83.9 123.9

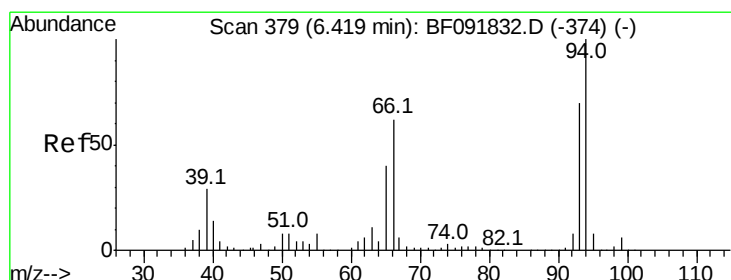
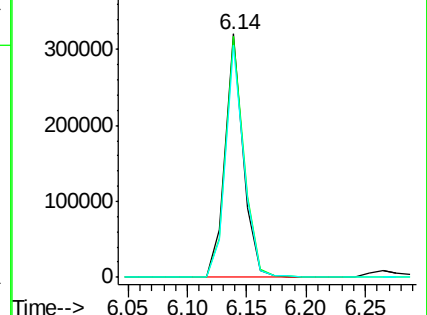
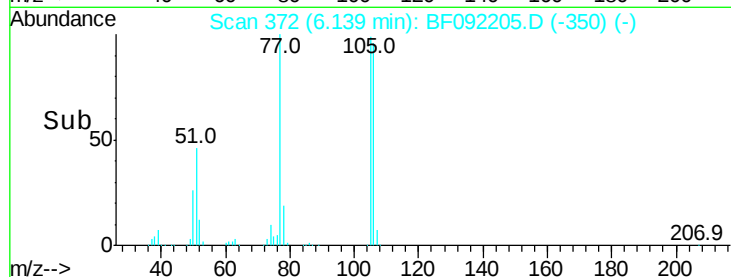
106 95.6 77.6 117.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 33.70 ng

RT: 6.28 min Scan# 384

Delta R.T. -0.05 min

Lab File: BF092205.D

Acq: 12 Jan 2017 13:00

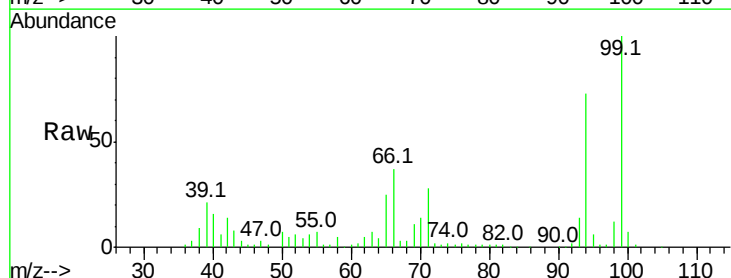
Tgt Ion: 94 Resp: 658583

Ion Ratio Lower Upper

94 100

65 34.5 21.4 61.4

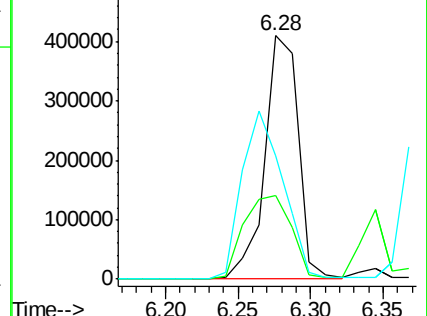
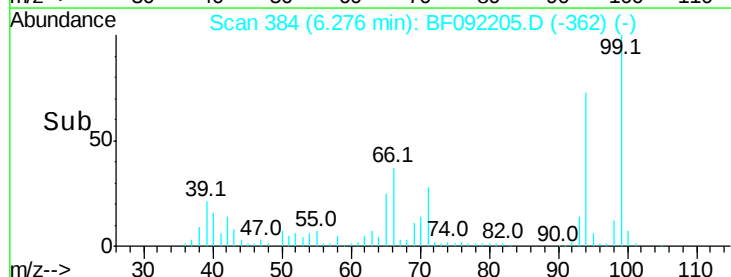
66 50.7 44.0 84.0

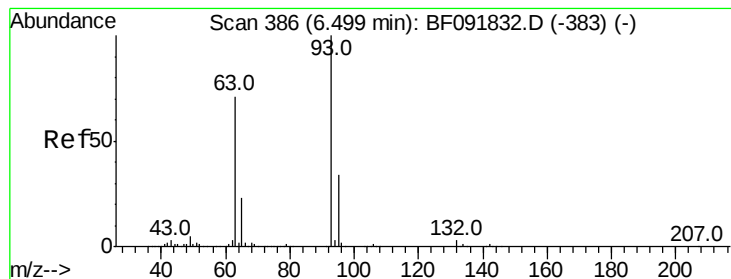


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

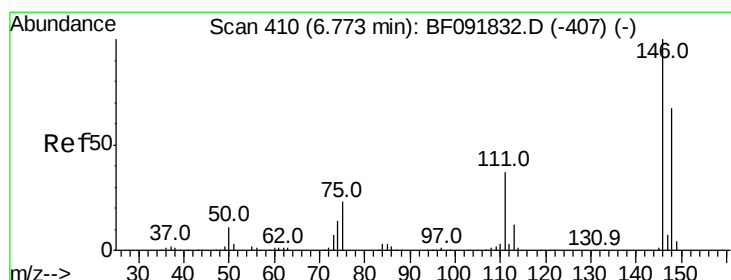
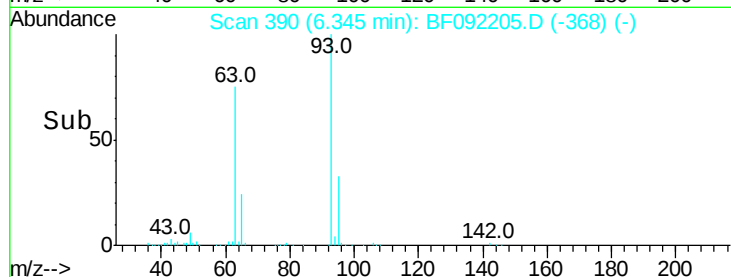
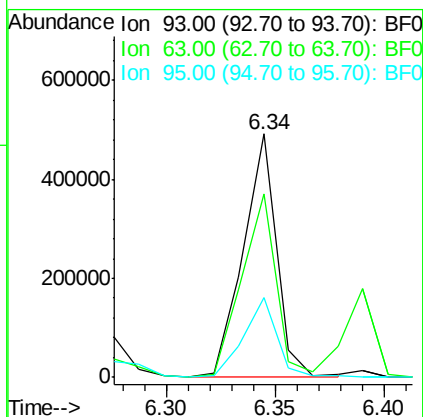
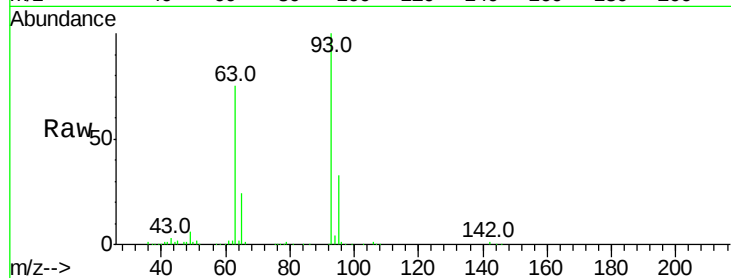




#11
bis(2-Chloroethyl)ether
Concen: 33.26 ng
RT: 6.34 min Scan# 390
Delta R.T. -0.05 min
Lab File: BF092205.D
Acq: 12 Jan 2017 13:00

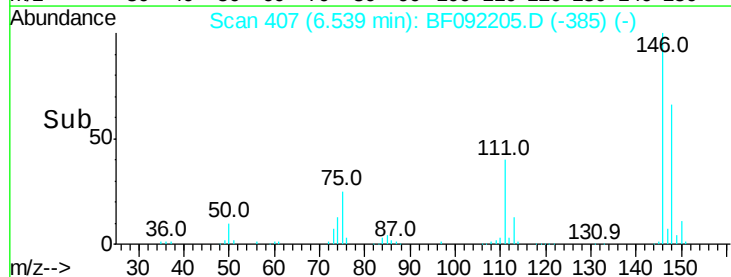
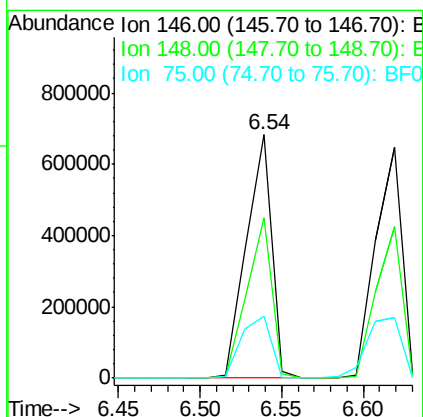
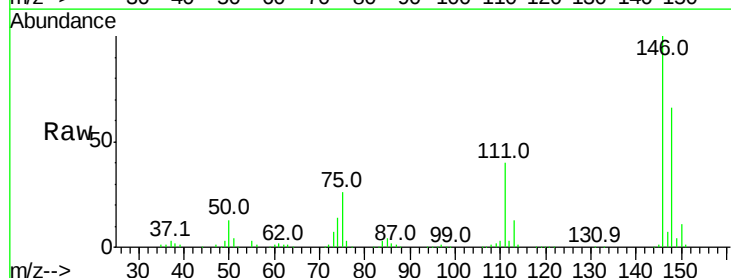
Instrument :
BNA_F
ClientSampleId :

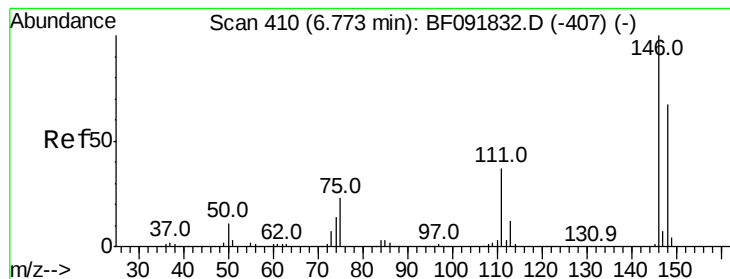
Tot Ion: 93 Resp: 517210
Ion Ratio Lower Upper
93 100
63 75.5 60.4 100.4
95 32.7 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 42.89 ng
RT: 6.54 min Scan# 407
Delta R.T. -0.05 min
Lab File: BF092205.D
Acq: 12 Jan 2017 13:00

Tgt Ion: 146 Resp: 731583
Ion Ratio Lower Upper
146 100
148 65.7 53.4 80.0
75 25.7 18.5 27.7





#13

1,4-Dichlorobenzene

Concen: 41.89 ng

RT: 6.62 min Scan# 414

Delta R.T. -0.05 min

Lab File: BF092205.D

Acq: 12 Jan 2017 13:00

Instrument :

BNA_F

ClientSampled :

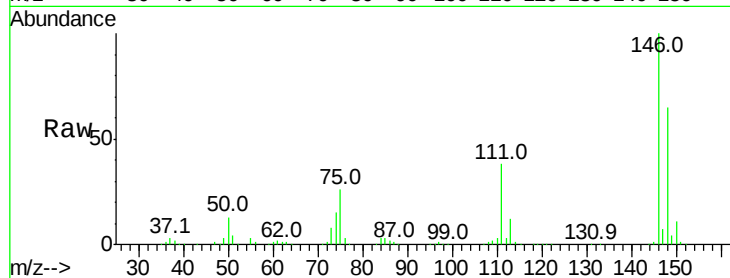
Tot Ion:146 Resp: 727230

Ion Ratio Lower Upper

146 100

148 65.4 50.6 76.0

111 37.8 36.2 54.4



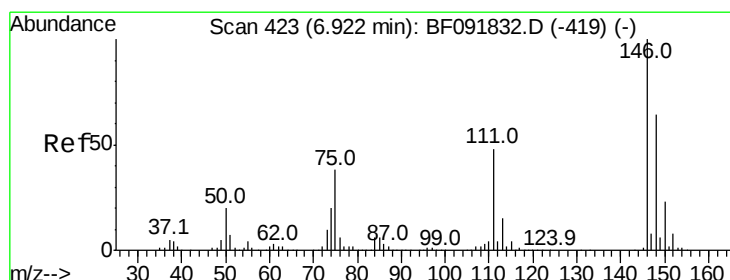
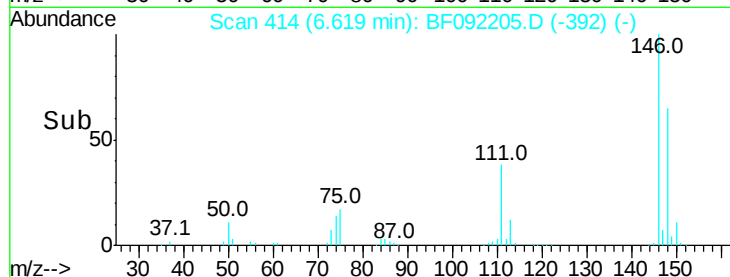
Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

6.62

Time-->



#14

1,2-Dichlorobenzene

Concen: 37.39 ng

RT: 6.77 min Scan# 427

Delta R.T. -0.05 min

Lab File: BF092205.D

Acq: 12 Jan 2017 13:00

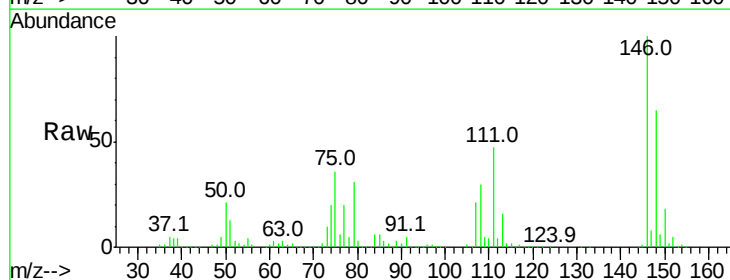
Tgt Ion:146 Resp: 563363

Ion Ratio Lower Upper

146 100

148 65.0 52.2 78.2

111 47.2 36.2 54.2



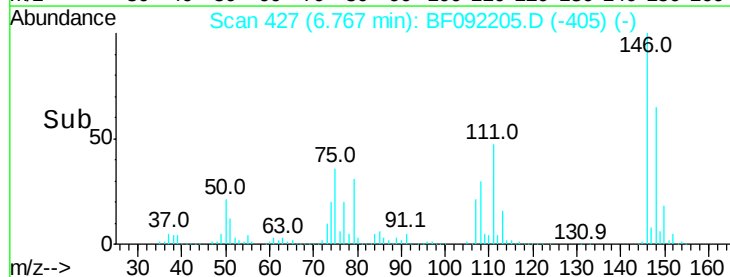
Abundance Ion 146.00 (145.70 to 146.70): E

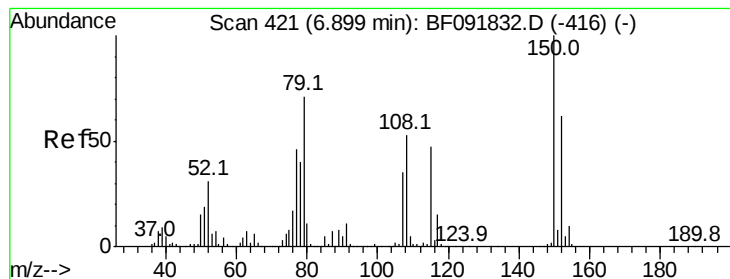
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

6.77

Time-->





#15

Benzyl Alcohol

Concen: 34.60 ng

RT: 6.76 min Scan# 426

Delta R.T. -0.05 min

Lab File: BF092205.D

Acq: 12 Jan 2017 13:00

Instrument :
BNA_F
ClientSampled :

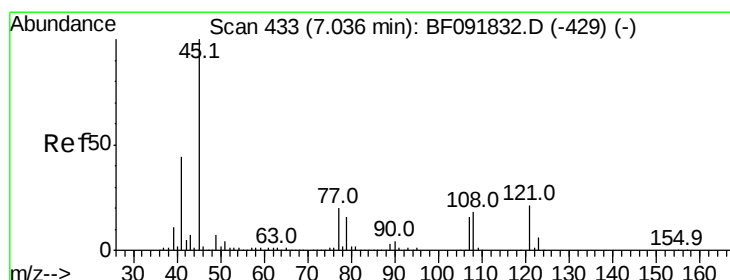
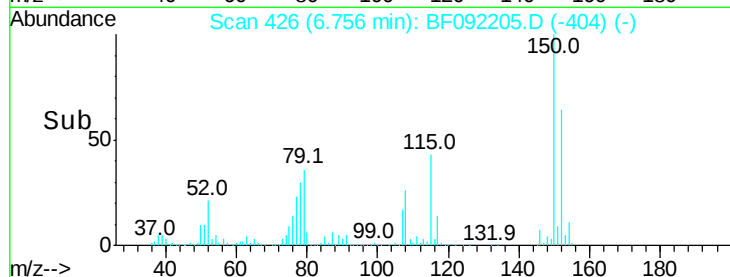
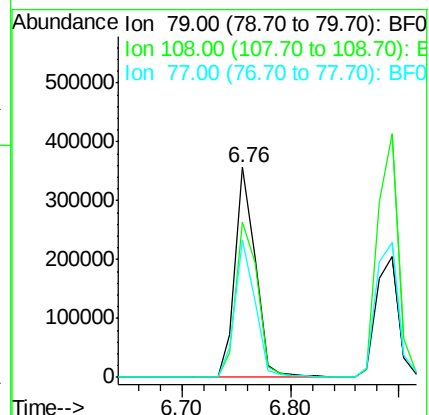
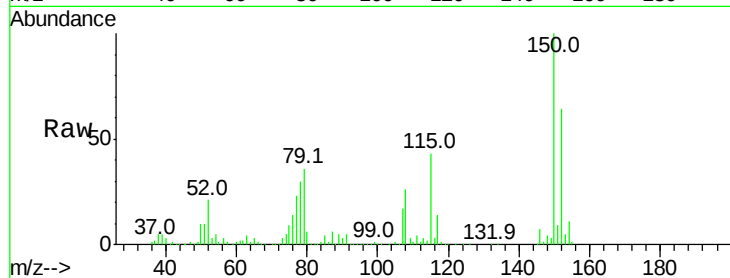
Tot Ion: 79 Resp: 461075

Ion Ratio Lower Upper

79 100

108 73.7 61.4 92.0

77 65.3 50.9 76.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.93 ng

RT: 6.89 min Scan# 438

Delta R.T. -0.05 min

Lab File: BF092205.D

Acq: 12 Jan 2017 13:00

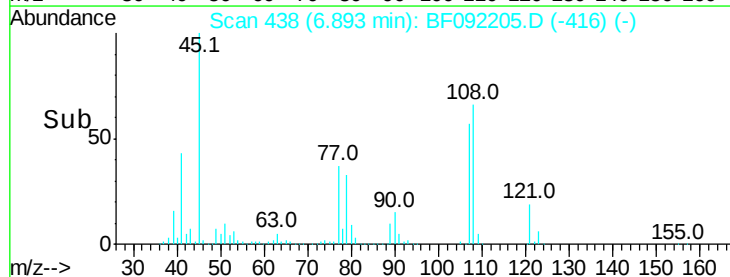
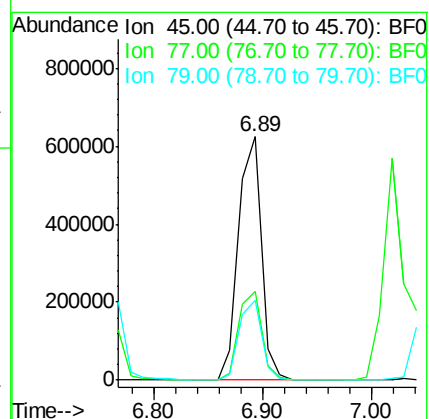
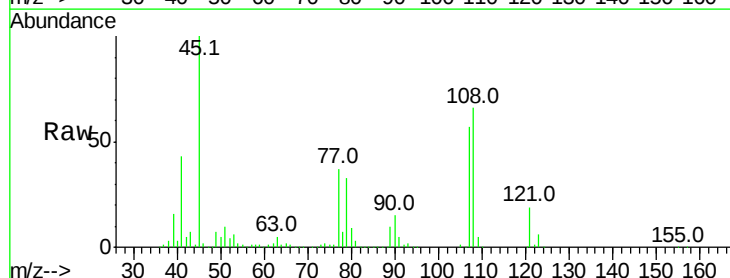
Tgt Ion: 45 Resp: 901584

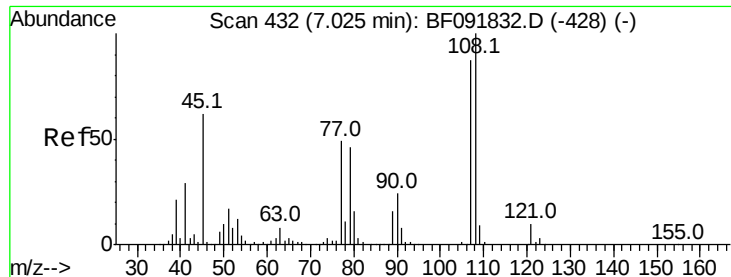
Ion Ratio Lower Upper

45 100

77 36.6 0.0 34.6#

79 33.0 0.0 31.2#





#17

2-Methylphenol

Concen: 37.40 ng

RT: 6.89 min Scan# 438

Delta R.T. -0.03 min

Lab File: BF092205.D

Acq: 12 Jan 2017 13:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 480635

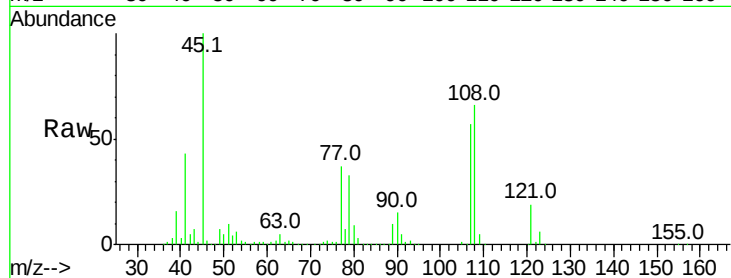
Ion Ratio Lower Upper

107 100

108 115.6 93.0 139.6

77 63.8 39.8 59.8#

79 57.5 38.0 57.0#

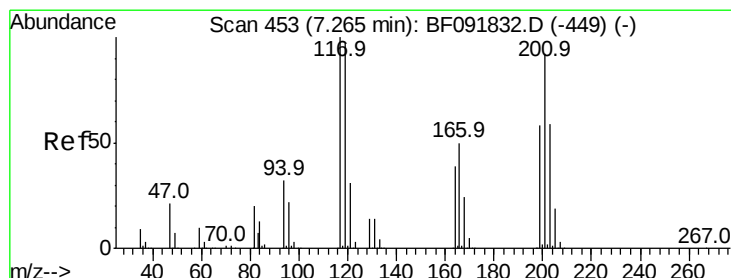
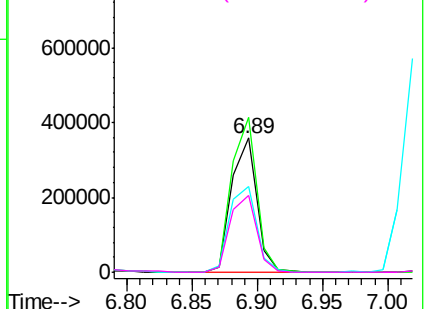
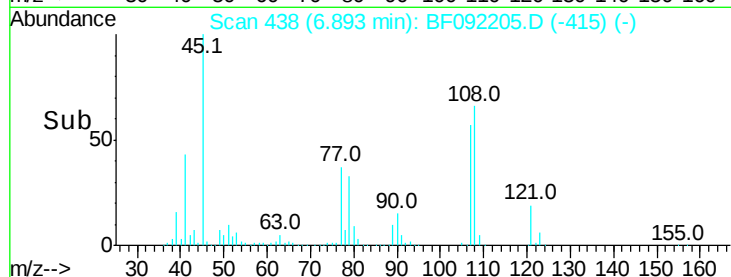


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 39.51 ng

RT: 7.11 min Scan# 457

Delta R.T. -0.05 min

Lab File: BF092205.D

Acq: 12 Jan 2017 13:00

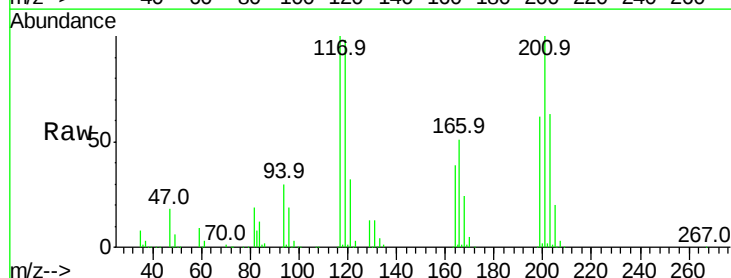
Tgt Ion:117 Resp: 254351

Ion Ratio Lower Upper

117 100

119 98.1 78.1 117.1

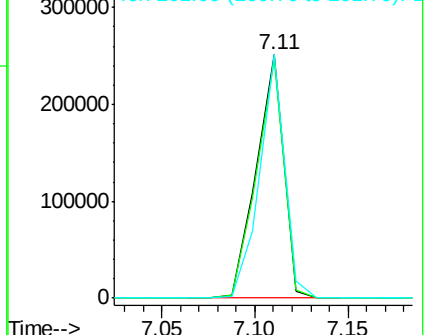
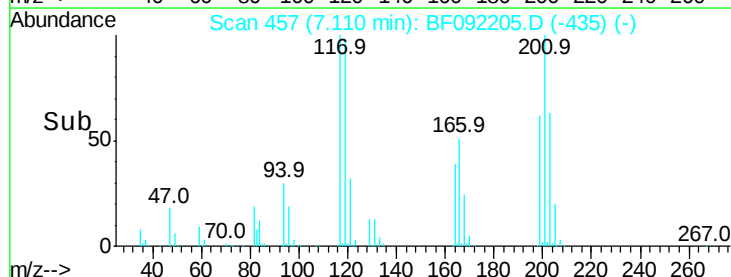
201 99.8 78.6 117.8



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 36.46 ng

RT: 7.03 min Scan# 450

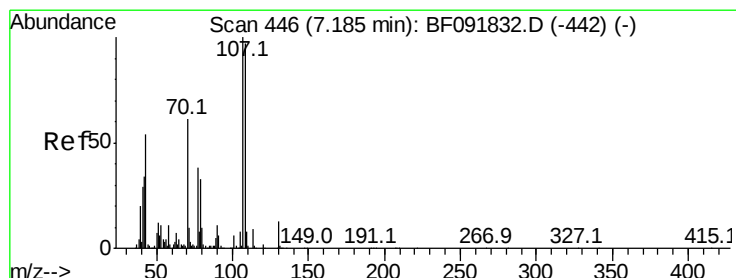
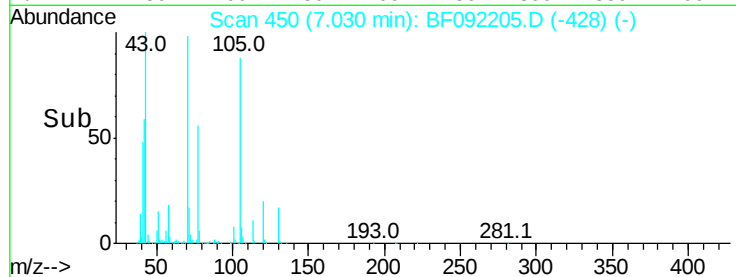
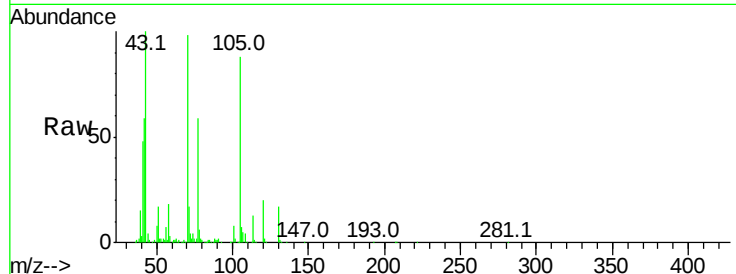
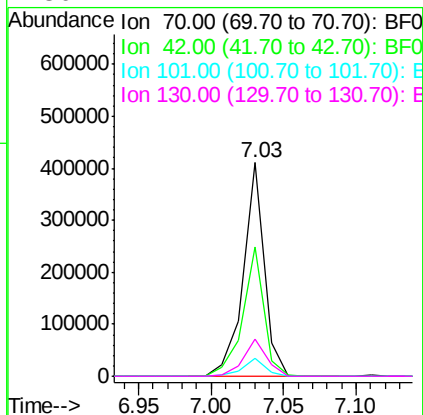
Delta R.T. -0.05 min

Lab File: BF092205.D

Acq: 12 Jan 2017 13:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	416020
Ion	Ratio	Lower	Upper
70	100		
42	60.8	49.4	74.0
101	8.6	7.4	11.2
130	17.4	14.2	21.4



#20

3+4-Methylphenols

Concen: 42.94 ng

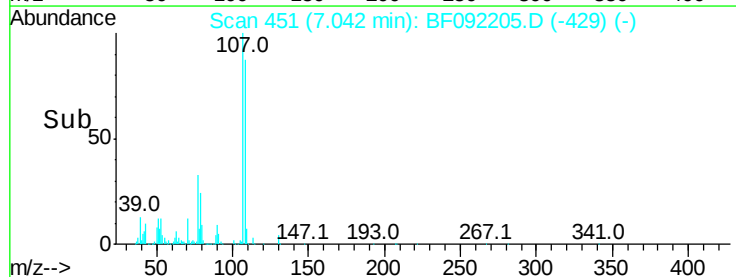
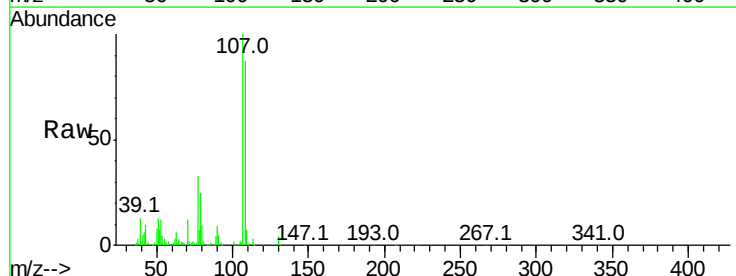
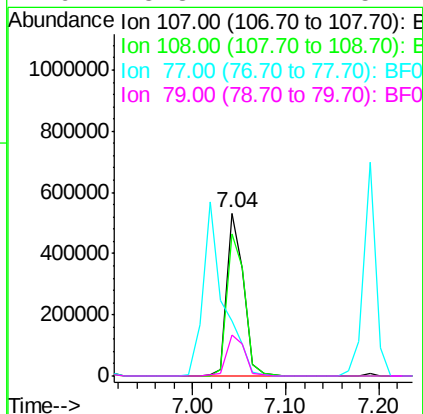
RT: 7.04 min Scan# 451

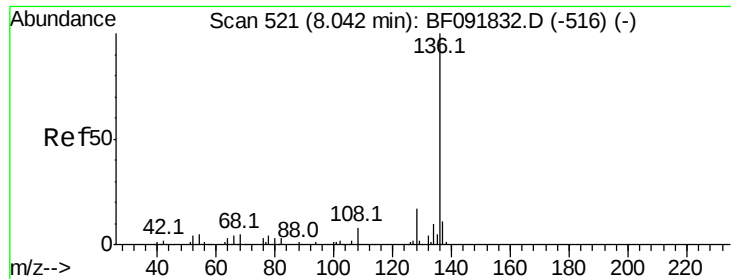
Delta R.T. -0.05 min

Lab File: BF092205.D

Acq: 12 Jan 2017 13:00

Tgt Ion:	107	Resp:	658220
Ion	Ratio	Lower	Upper
107	100		
108	87.3	73.0	113.0
77	33.5	71.3	111.3#
79	25.3	11.1	51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.89 min Scan# 525

Delta R.T. -0.05 min

Lab File: BF092205.D

Acq: 12 Jan 2017 13:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1010837

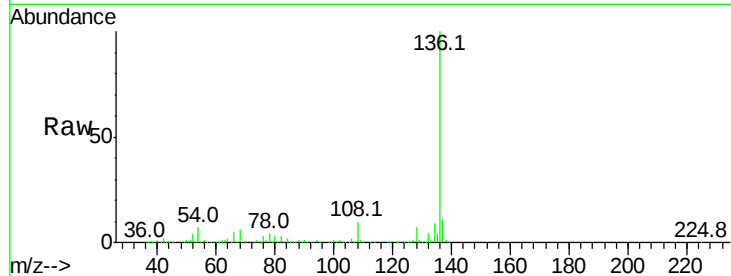
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 7.3 4.5 6.7#

68 6.0 3.6 5.4#

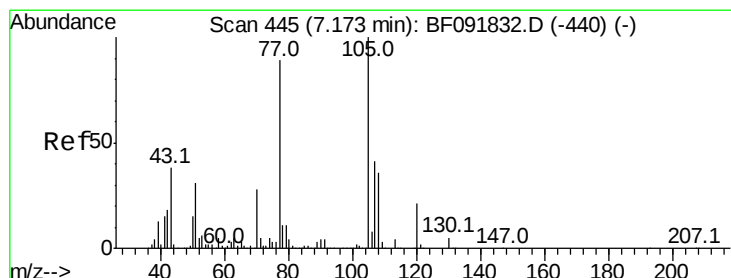
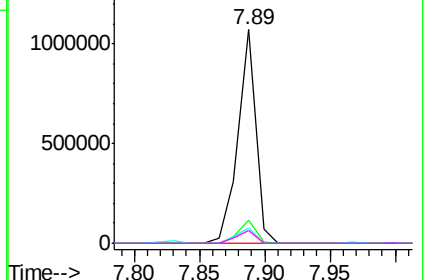
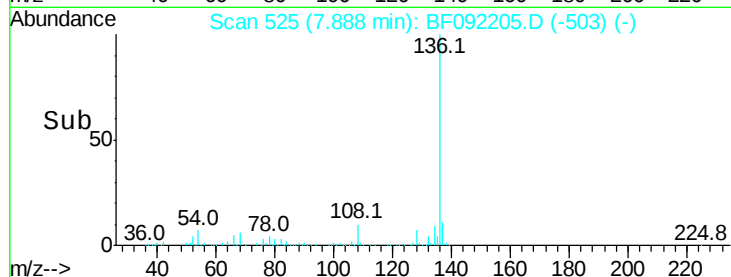


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 36.61 ng

RT: 7.02 min Scan# 449

Delta R.T. -0.05 min

Lab File: BF092205.D

Acq: 12 Jan 2017 13:00

Tgt Ion:105 Resp: 912703

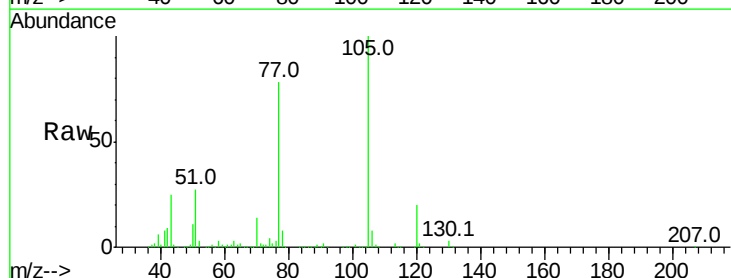
Ion Ratio Lower Upper

105 100

71 2.4 3.2 4.8#

51 26.6 26.2 39.4

120 20.5 16.6 24.8

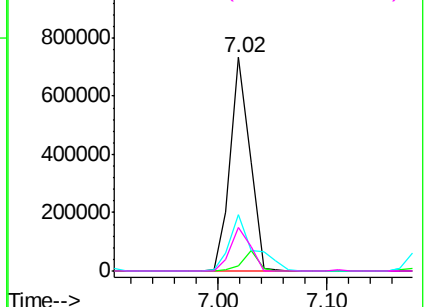
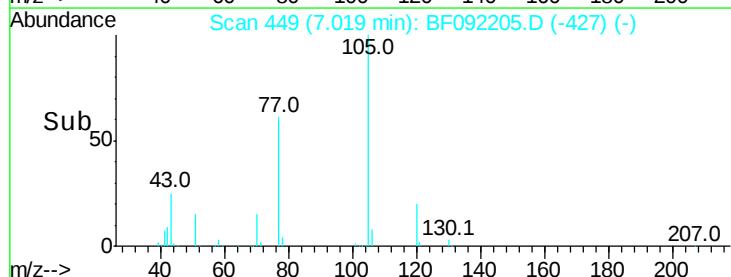


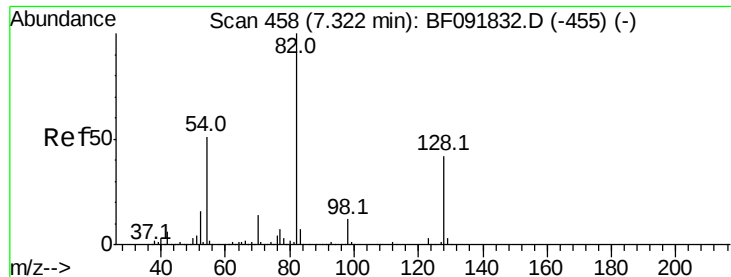
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

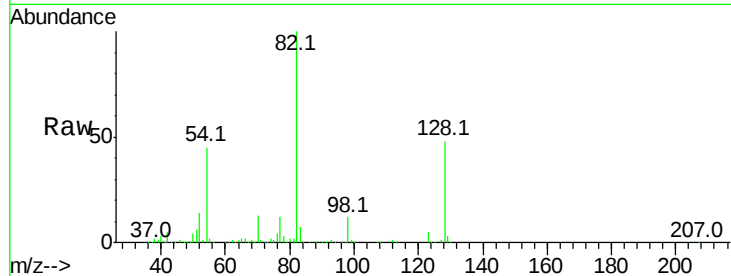




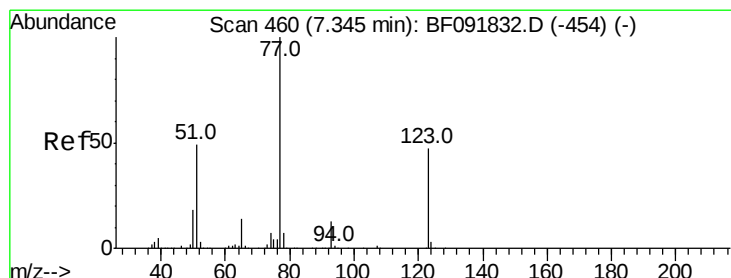
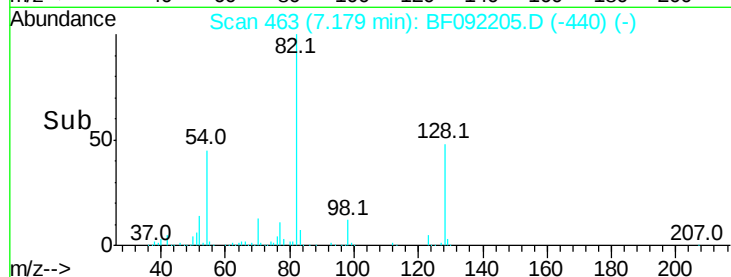
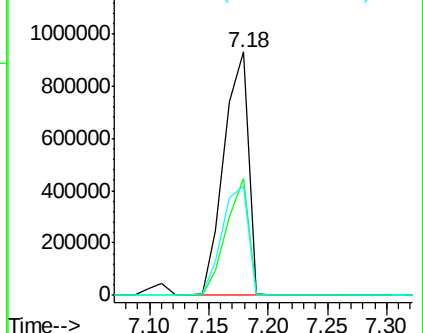
#23
Nitrobenzene-d5
Concen: 73.06 ng
RT: 7.18 min Scan# 463
Delta R.T. -0.03 min
Lab File: BF092205.D
Acq: 12 Jan 2017 13:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1328156
Ion Ratio Lower Upper
82 100
128 48.1 34.6 52.0
54 45.0 39.5 59.3

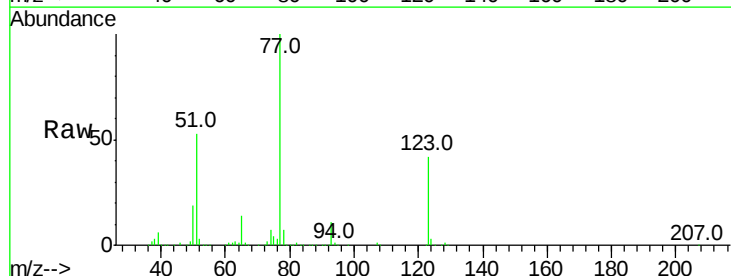


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

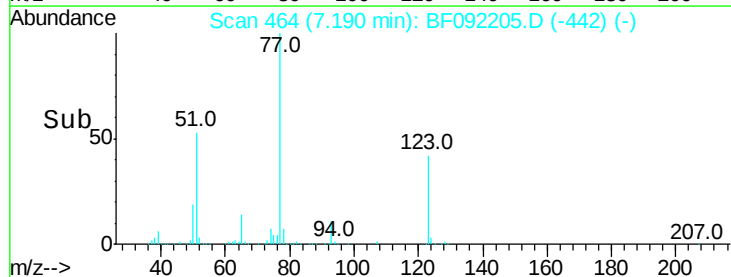
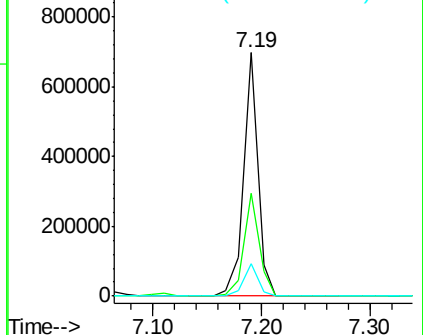


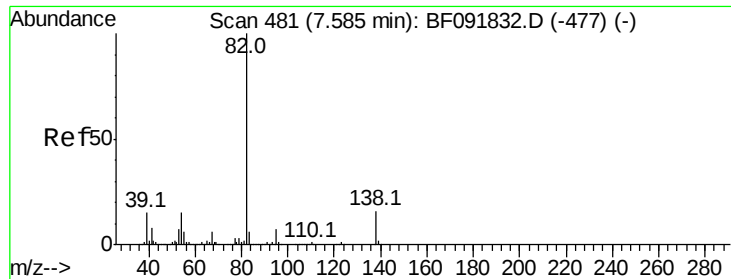
#24
Nitrobenzene
Concen: 32.67 ng
RT: 7.19 min Scan# 464
Delta R.T. -0.05 min
Lab File: BF092205.D
Acq: 12 Jan 2017 13:00

Tgt Ion: 77 Resp: 632541
Ion Ratio Lower Upper
77 100
123 42.0 33.0 49.4
65 13.5 11.2 16.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 36.51 ng

RT: 7.44 min Scan# 486

Delta R.T. -0.03 min

Lab File: BF092205.D

Acq: 12 Jan 2017 13:00

Instrument :

BNA_F

ClientSampled :

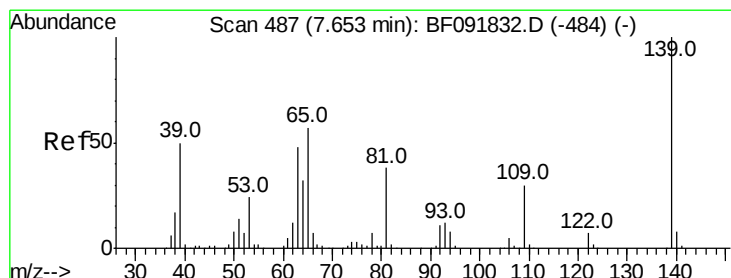
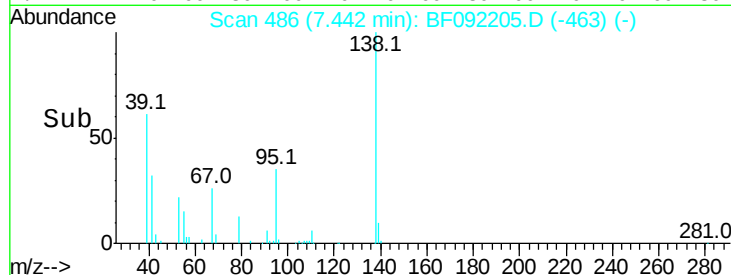
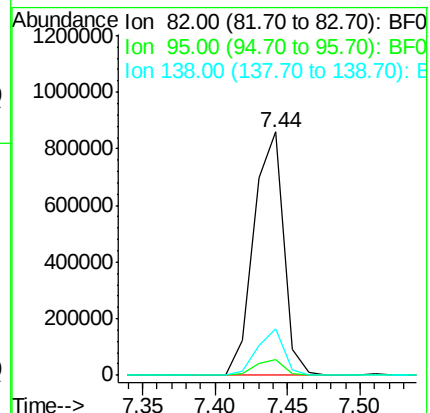
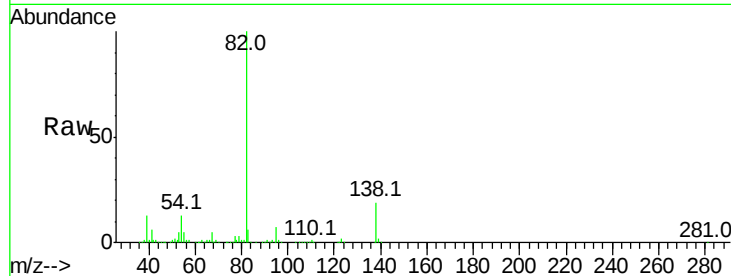
Tot Ion: 82 Resp: 1224371

Ion Ratio Lower Upper

82 100

95 6.6 5.6 8.4

138 19.0 14.6 22.0



#26

2-Nitrophenol

Concen: 37.41 ng

RT: 7.51 min Scan# 492

Delta R.T. -0.05 min

Lab File: BF092205.D

Acq: 12 Jan 2017 13:00

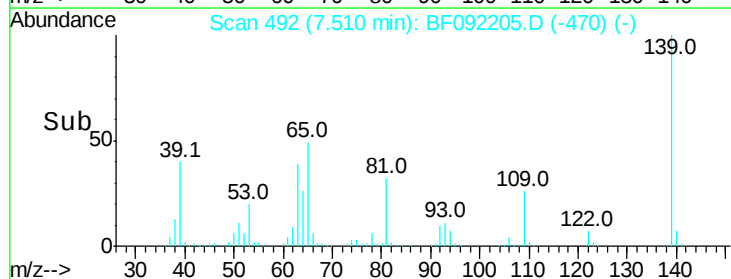
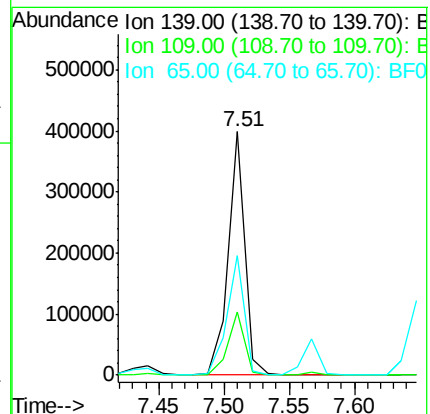
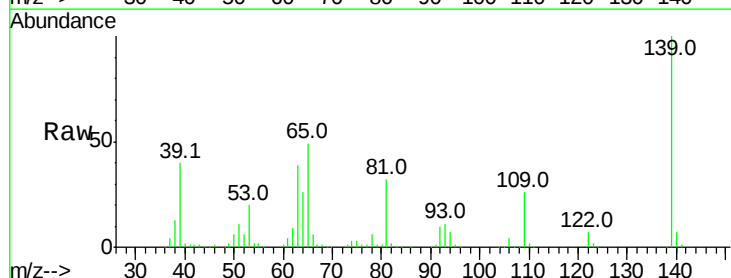
Tgt Ion: 139 Resp: 357205

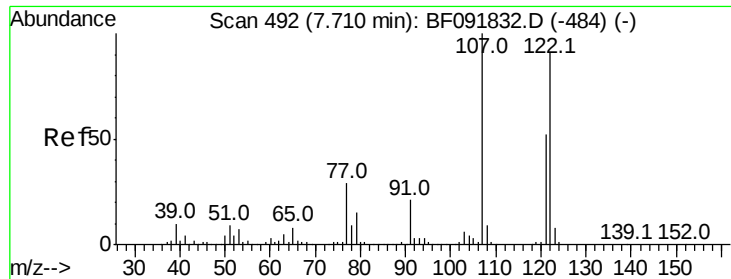
Ion Ratio Lower Upper

139 100

109 25.9 23.3 34.9

65 49.2 42.7 64.1

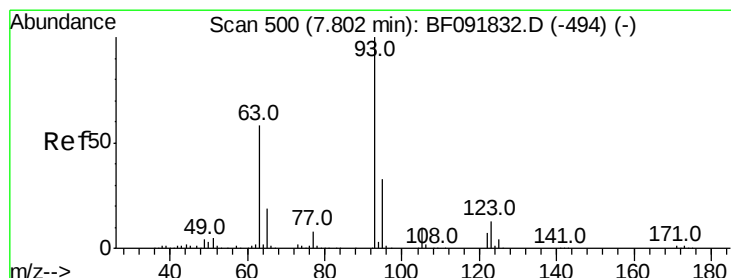
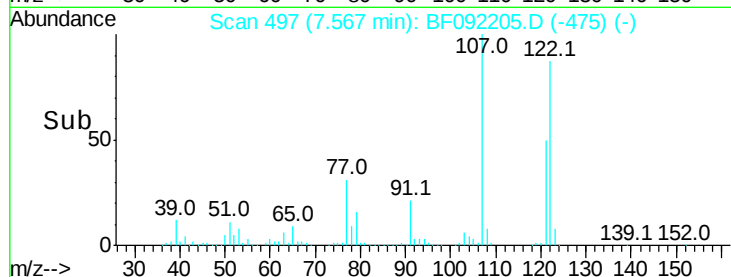
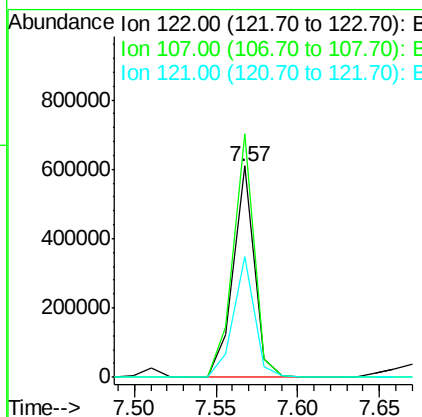
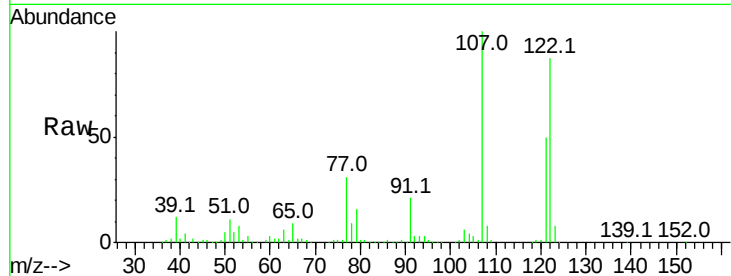




#27
 2,4-Dimethylphenol
 Concen: 34.54 ng
 RT: 7.57 min Scan# 497
 Delta R.T. -0.05 min
 Lab File: BF092205.D
 Acq: 12 Jan 2017 13:00

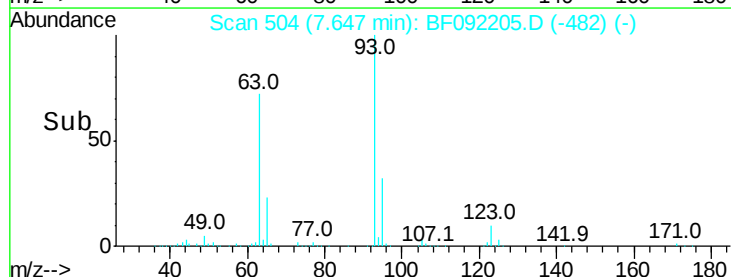
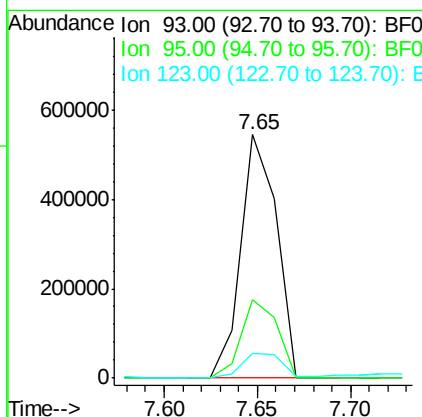
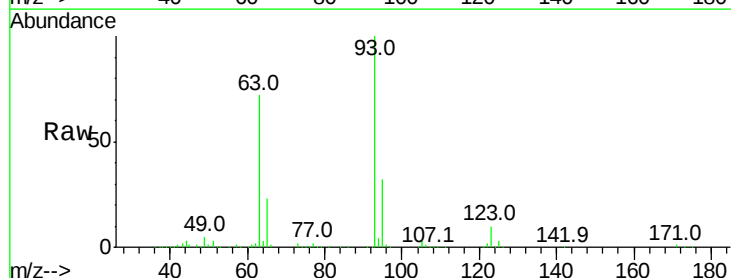
Instrument :
 BNA_F
 ClientSampled :

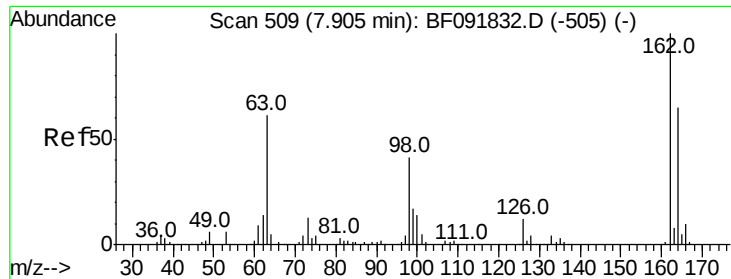
Tot Ion:122 Resp: 546994
 Ion Ratio Lower Upper
 122 100
 107 115.1 94.1 141.1
 121 57.4 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.75 ng
 RT: 7.65 min Scan# 504
 Delta R.T. -0.05 min
 Lab File: BF092205.D
 Acq: 12 Jan 2017 13:00

Tgt Ion: 93 Resp: 727180
 Ion Ratio Lower Upper
 93 100
 95 32.2 26.5 39.7
 123 10.0 8.6 13.0

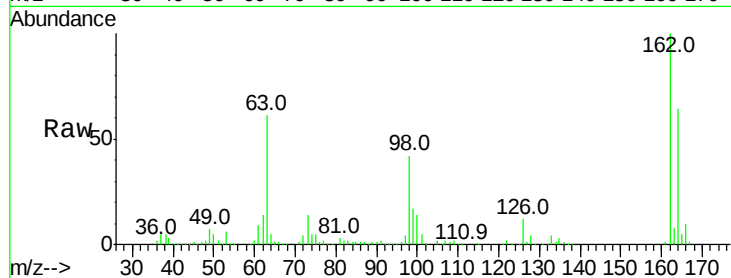




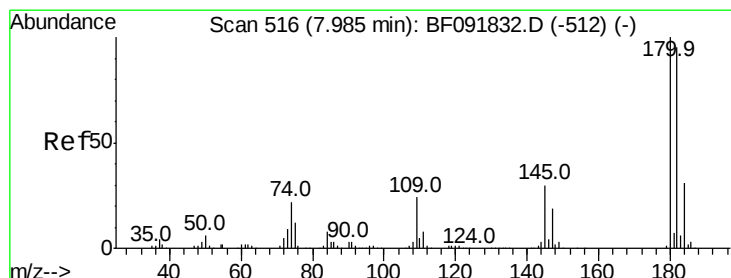
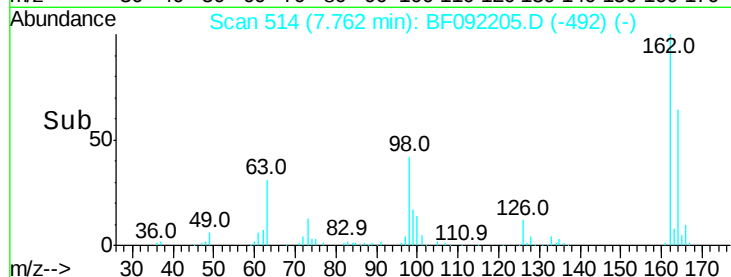
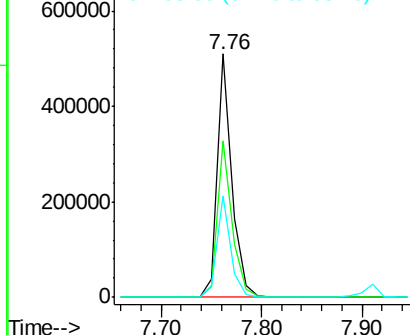
#29
 2,4-Dichlorophenol
 Concen: 38.21 ng
 RT: 7.76 min Scan# 514
 Delta R.T. -0.05 min
 Lab File: BF092205.D
 Acq: 12 Jan 2017 13:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 512418
 Ion Ratio Lower Upper
 162 100
 164 64.4 46.8 86.8
 98 41.8 9.1 49.1

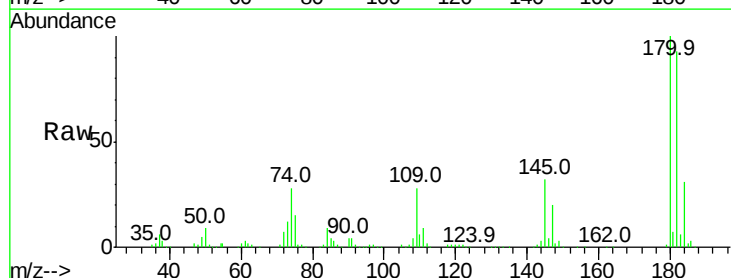


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

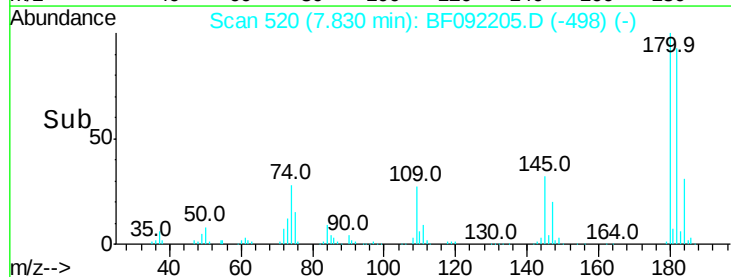
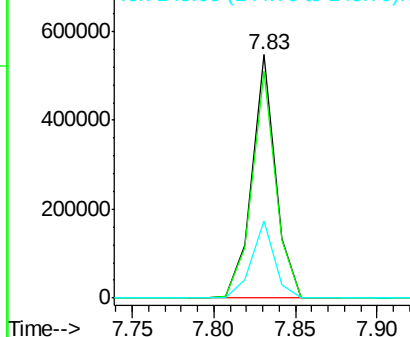


#30
 1,2,4-Trichlorobenzene
 Concen: 37.57 ng
 RT: 7.83 min Scan# 520
 Delta R.T. -0.05 min
 Lab File: BF092205.D
 Acq: 12 Jan 2017 13:00

Tgt Ion:180 Resp: 552037
 Ion Ratio Lower Upper
 180 100
 182 93.2 78.2 117.4
 145 31.8 21.6 32.4



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





#31

Naphthalene

Concen: 41.04 ng

RT: 7.91 min Scan# 527

Delta R.T. -0.05 min

Lab File: BF092205.D

Acq: 12 Jan 2017 13:00

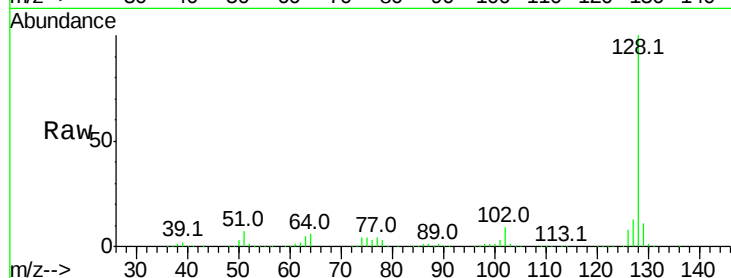
Instrument :

BNA_F

ClientSampleId :

Tot Ion:128 Resp: 1898617

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.5	14.3
127	13.4	10.8	16.2

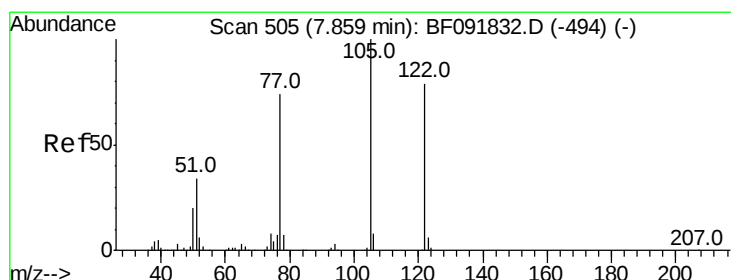
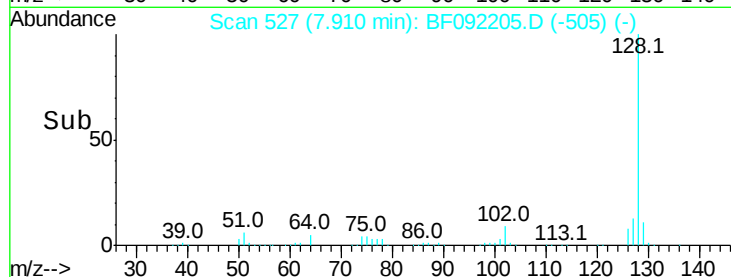
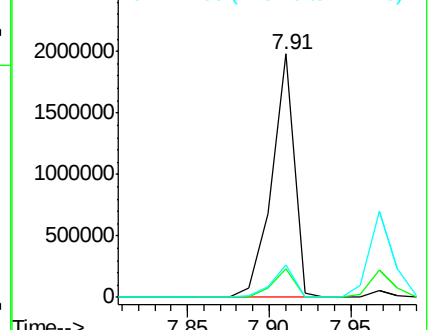


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 42.75 ng

RT: 7.74 min Scan# 512

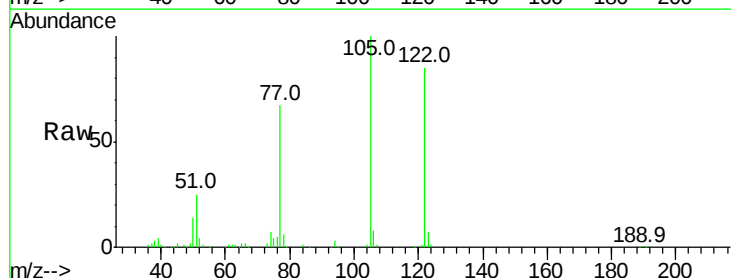
Delta R.T. -0.01 min

Lab File: BF092205.D

Acq: 12 Jan 2017 13:00

Tgt Ion:122 Resp: 502173

Ion	Ratio	Lower	Upper
122	100		
105	117.9	107.2	147.2
77	78.9	74.5	114.5

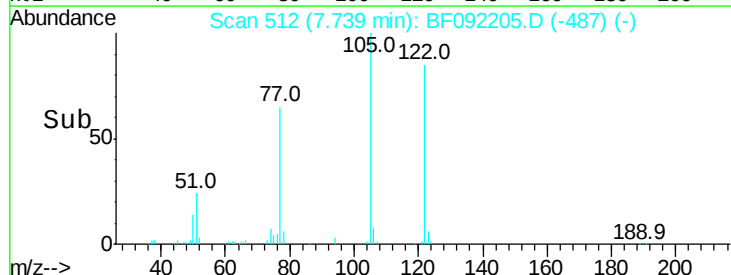
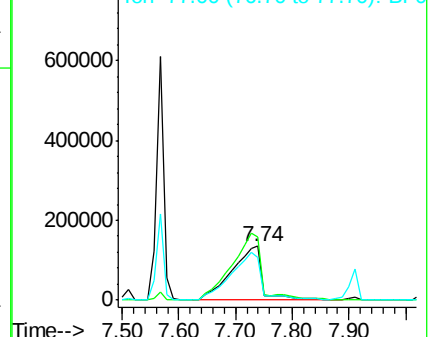


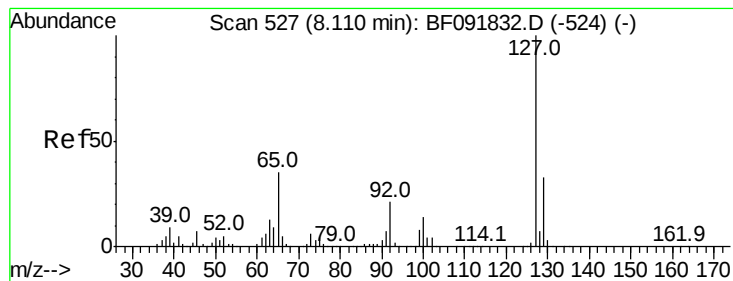
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 35.21 ng

RT: 7.97 min Scan# 532

Delta R.T. -0.05 min

Lab File: BF092205.D

Acq: 12 Jan 2017 13:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 734448

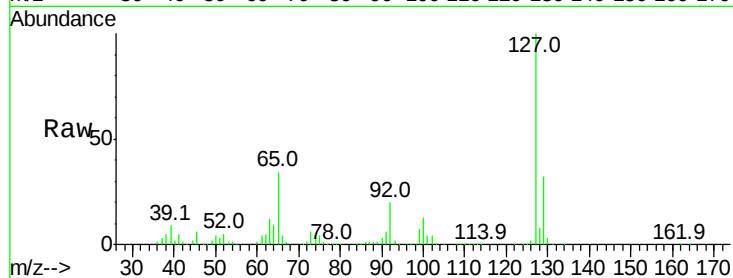
Ion Ratio Lower Upper

127 100

129 32.3 26.3 39.5

65 34.3 25.8 38.8

92 20.0 16.1 24.1

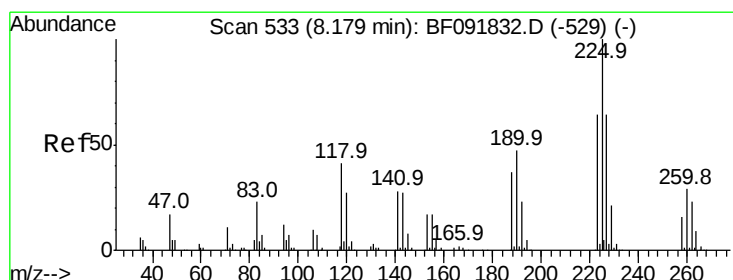
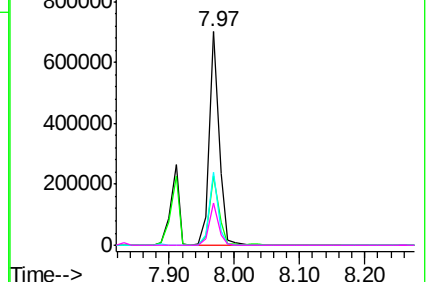
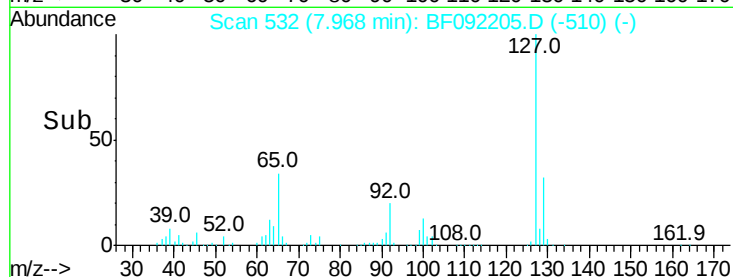


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 39.35 ng

RT: 8.04 min Scan# 538

Delta R.T. -0.05 min

Lab File: BF092205.D

Acq: 12 Jan 2017 13:00

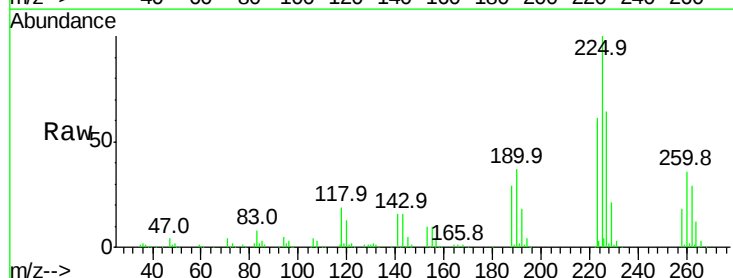
Tgt Ion:225 Resp: 305264

Ion Ratio Lower Upper

225 100

223 61.1 51.0 76.6

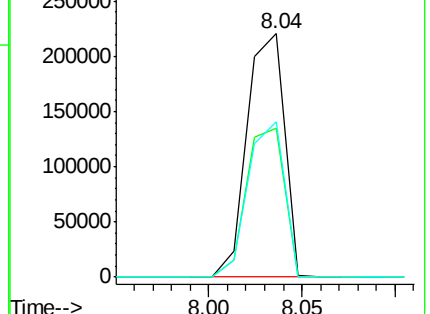
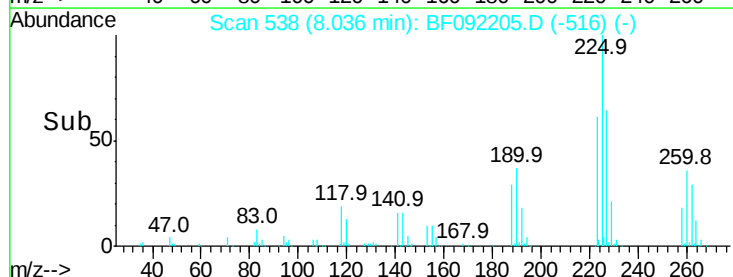
227 63.5 50.6 76.0

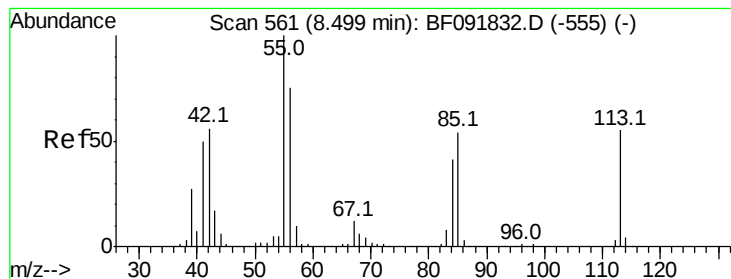


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 35.09 ng

RT: 8.36 min Scan# 566

Delta R.T. -0.03 min

Lab File: BF092205.D

Acq: 12 Jan 2017 13:00

Instrument :

BNA_F

ClientSampleId :

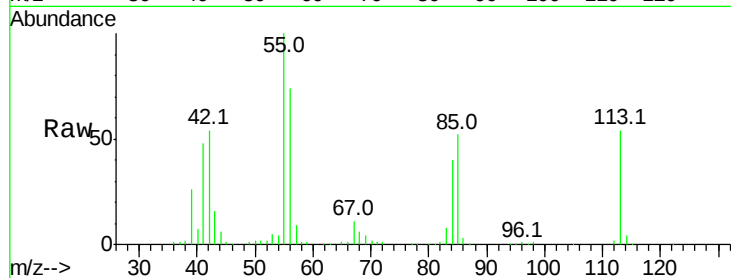
Tot Ion:113 Resp: 154612

Ion Ratio Lower Upper

113 100

55 184.8 119.2 159.2#

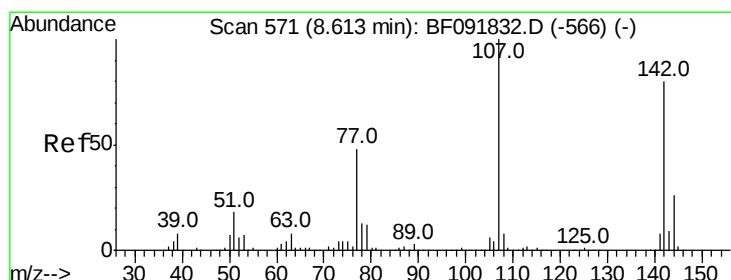
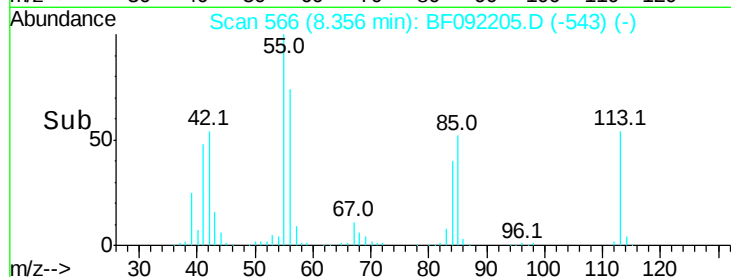
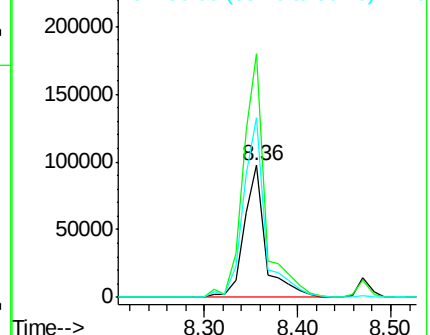
56 136.7 83.8 123.8#



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: 33.44 ng

RT: 8.47 min Scan# 576

Delta R.T. -0.03 min

Lab File: BF092205.D

Acq: 12 Jan 2017 13:00

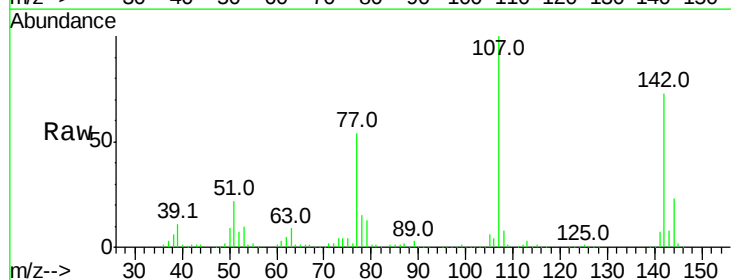
Tgt Ion:107 Resp: 515976

Ion Ratio Lower Upper

107 100

144 23.4 19.3 28.9

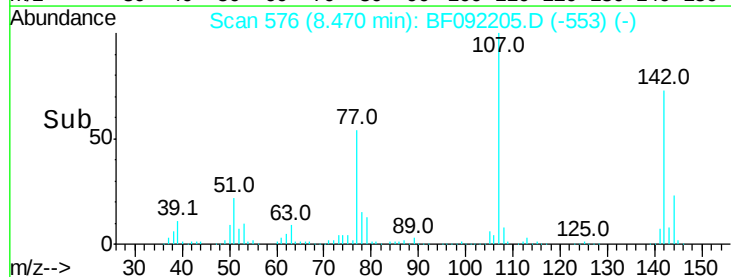
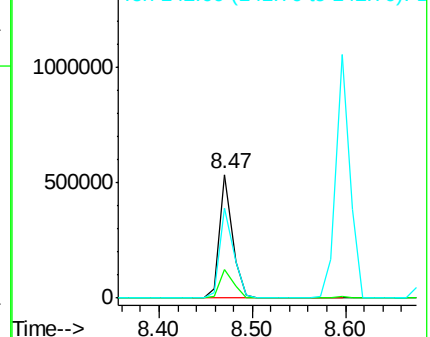
142 72.8 59.0 88.6

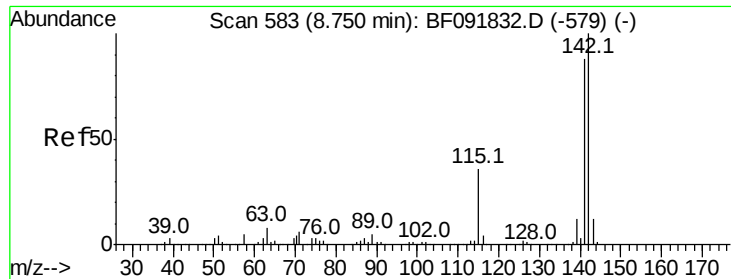


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

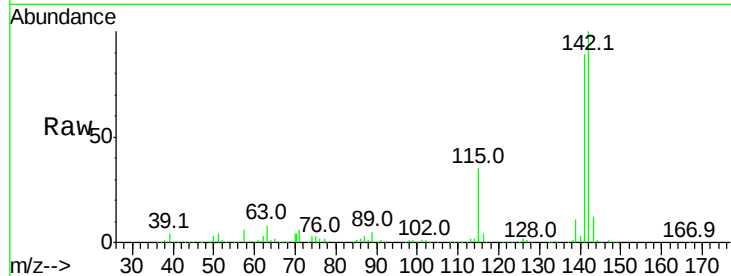




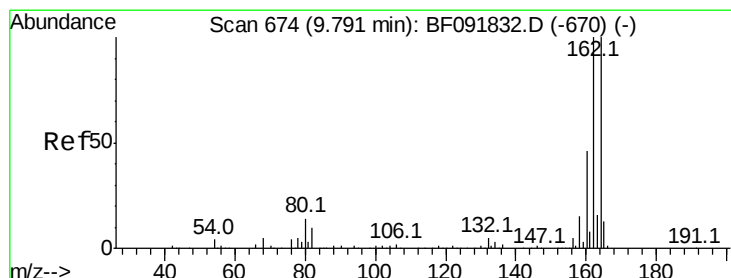
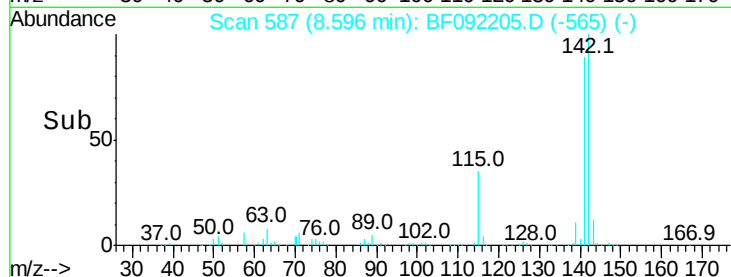
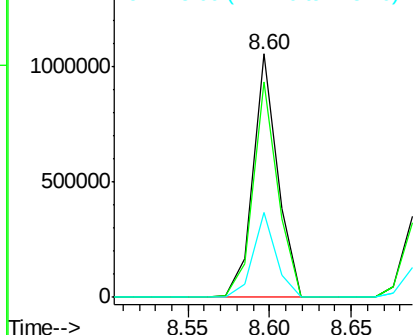
#37
2-Methylnaphthalene
Concen: 37.31 ng
RT: 8.60 min Scan# 587
Delta R.T. -0.05 min
Lab File: BF092205.D
Acq: 12 Jan 2017 13:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 1111202
Ion Ratio Lower Upper
142 100
141 88.5 71.0 106.6
115 34.7 28.3 42.5

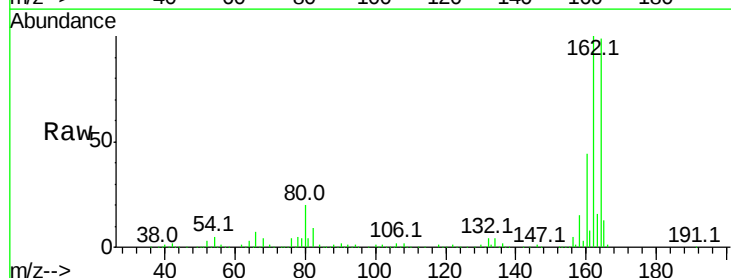


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

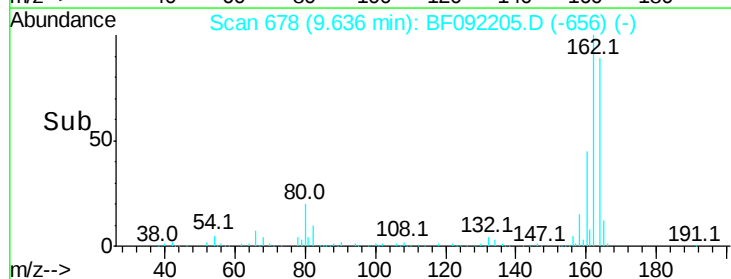
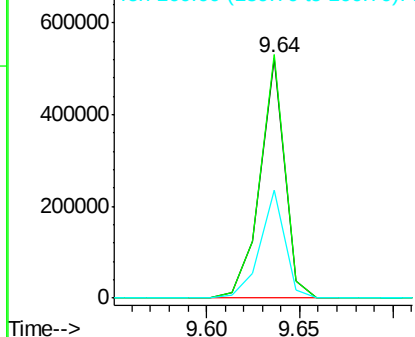


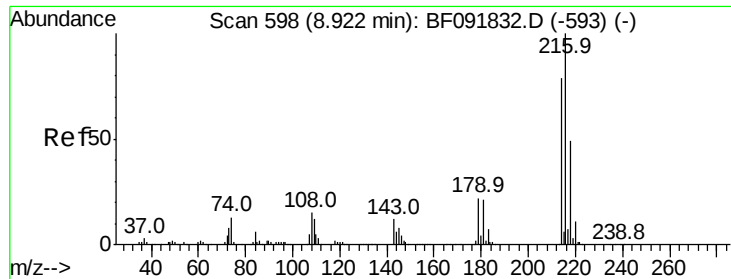
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.64 min Scan# 678
Delta R.T. -0.05 min
Lab File: BF092205.D
Acq: 12 Jan 2017 13:00

Tgt Ion:164 Resp: 476739
Ion Ratio Lower Upper
164 100
162 101.5 80.2 120.2
160 45.1 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.60 ng

RT: 8.77 min Scan# 602

Delta R.T. -0.05 min

Lab File: BF092205.D

Acq: 12 Jan 2017 13:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 476995

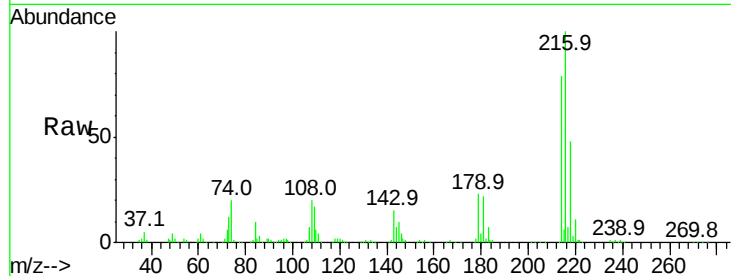
Ion Ratio Lower Upper

216 100

214 79.2 63.4 95.0

179 23.0 17.4 26.2

108 21.8 15.6 23.4

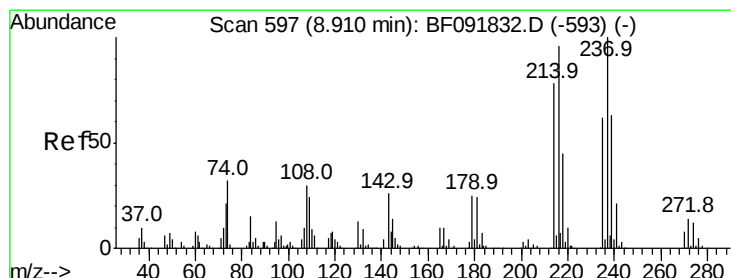
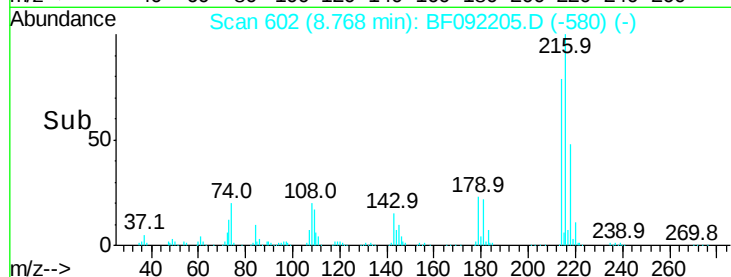
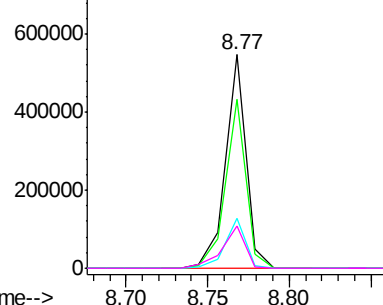


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 44.65 ng

RT: 8.76 min Scan# 601

Delta R.T. -0.05 min

Lab File: BF092205.D

Acq: 12 Jan 2017 13:00

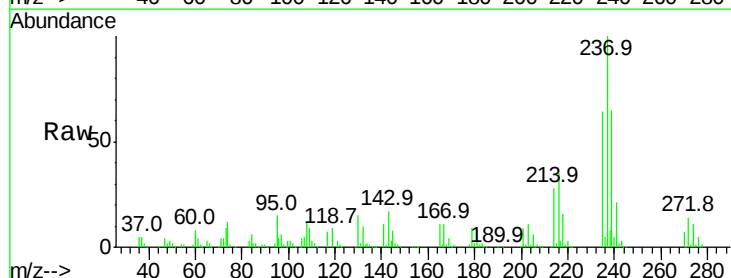
Tgt Ion:237 Resp: 229585

Ion Ratio Lower Upper

237 100

235 64.2 41.2 81.2

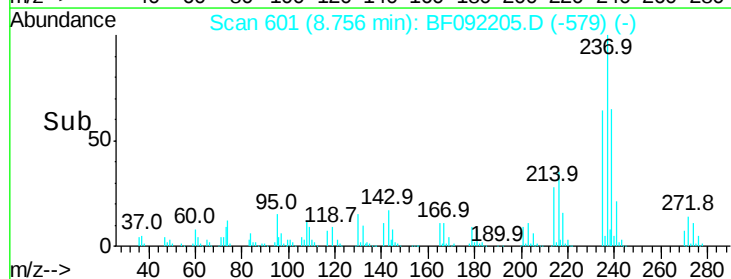
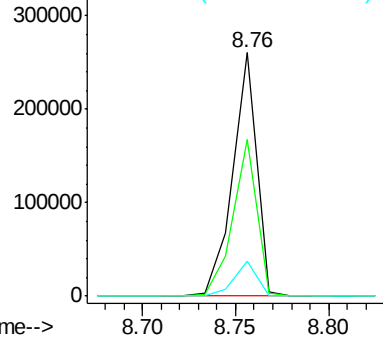
272 14.1 0.0 35.4

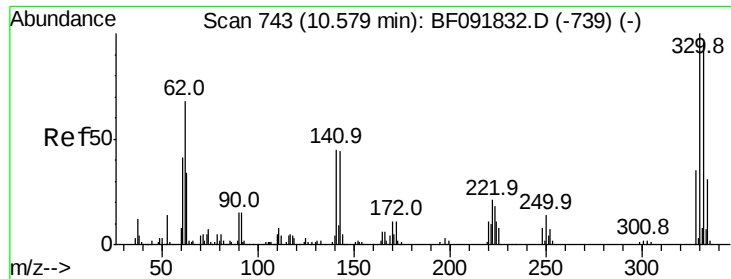


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

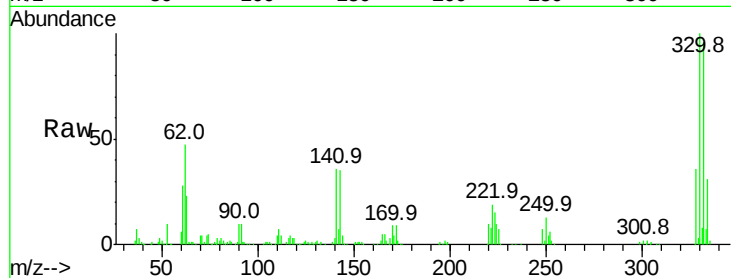




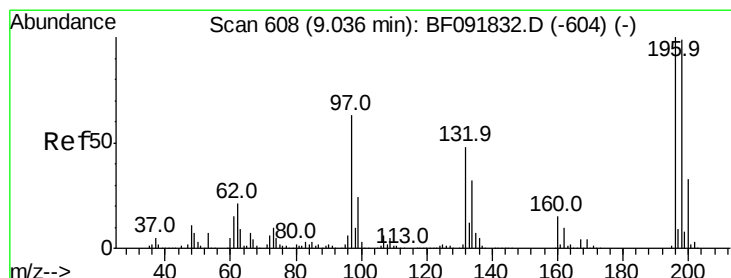
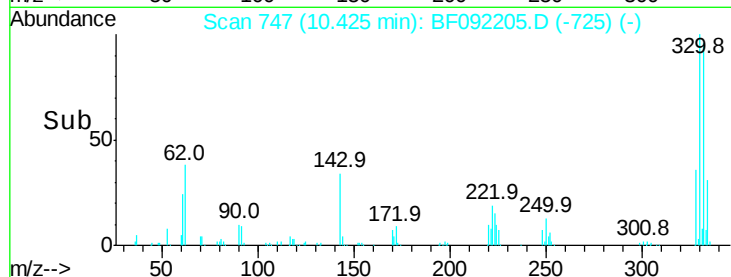
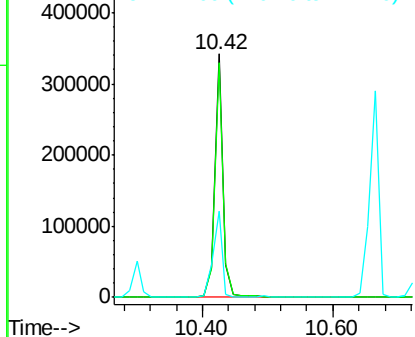
#41
 2,4,6-Tribromophenol
 Concen: 79.02 ng
 RT: 10.42 min Scan# 747
 Delta R.T. -0.05 min
 Lab File: BF092205.D
 Acq: 12 Jan 2017 13:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 311782
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.4 116.2
 141 39.2 34.1 51.1

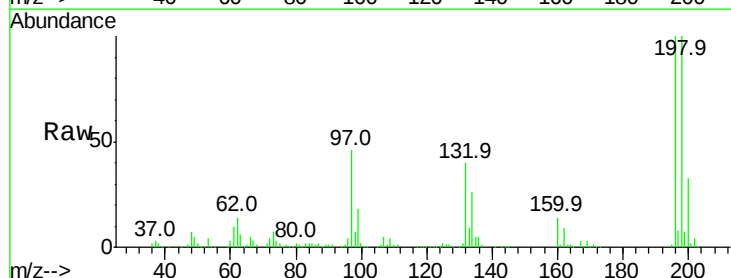


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

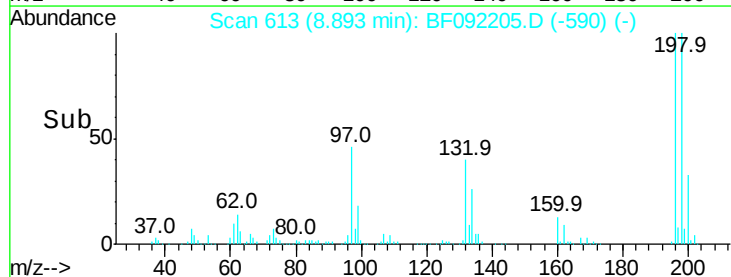
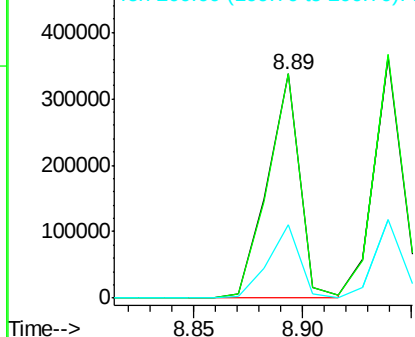


#42
 2,4,6-Trichlorophenol
 Concen: 41.72 ng
 RT: 8.89 min Scan# 613
 Delta R.T. -0.03 min
 Lab File: BF092205.D
 Acq: 12 Jan 2017 13:00

Tgt Ion:196 Resp: 351448
 Ion Ratio Lower Upper
 196 100
 198 100.3 82.1 123.1
 200 32.7 27.0 40.4



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

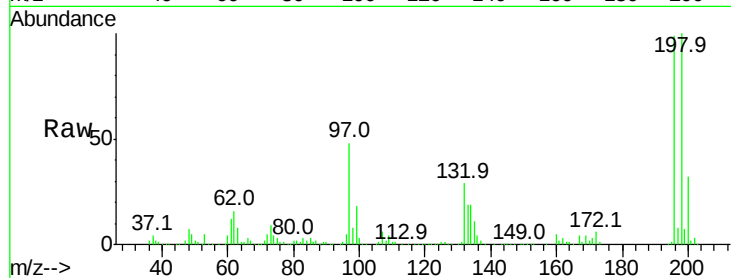




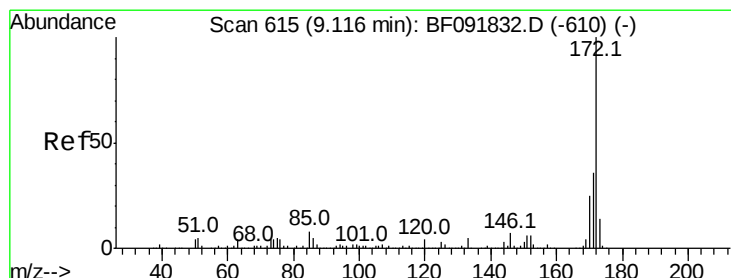
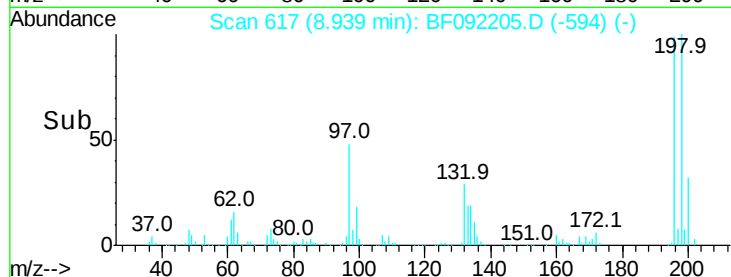
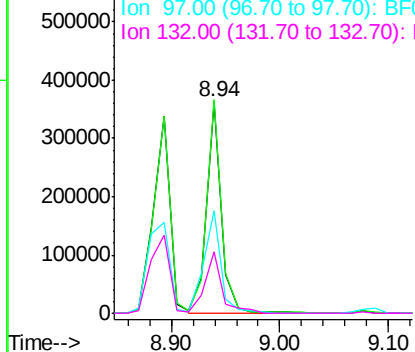
#43
 2,4,5-Trichlorophenol
 Concen: 39.70 ng
 RT: 8.94 min Scan# 617
 Delta R.T. -0.03 min
 Lab File: BF092205.D
 Acq: 12 Jan 2017 13:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 344195
 Ion Ratio Lower Upper
 196 100
 198 100.9 79.4 119.2
 97 48.3 51.5 77.3#
 132 29.1 27.4 41.2

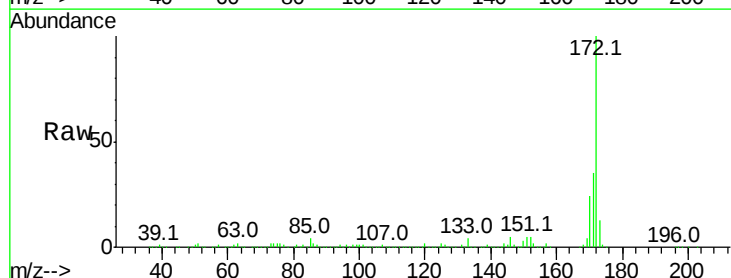


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

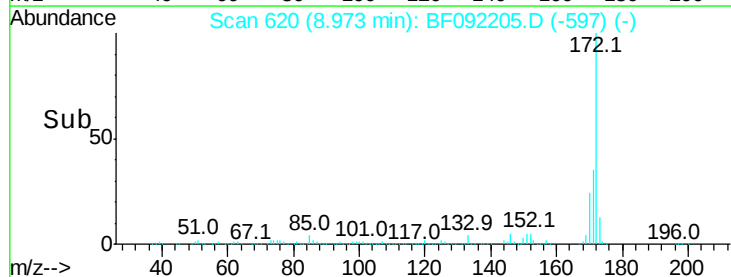
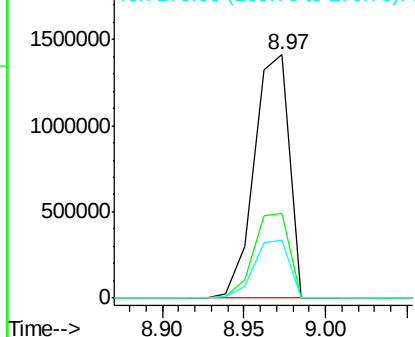


#44
 2-Fluorobiphenyl
 Concen: 91.18 ng
 RT: 8.97 min Scan# 620
 Delta R.T. -0.03 min
 Lab File: BF092205.D
 Acq: 12 Jan 2017 13:00

Tgt Ion:172 Resp: 2099694
 Ion Ratio Lower Upper
 172 100
 171 35.0 29.4 44.0
 170 23.9 20.2 30.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 39.74 ng

RT: 9.06 min Scan# 628

Delta R.T. -0.05 min

Lab File: BF092205.D

Acq: 12 Jan 2017 13:00

Instrument :

BNA_F

ClientSampleId :

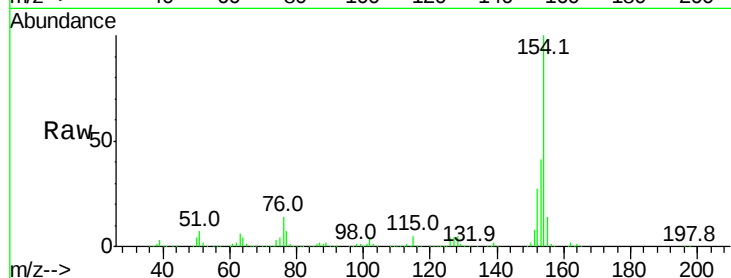
Tot Ion:154 Resp: 1297172

Ion Ratio Lower Upper

154 100

153 40.7 20.9 60.9

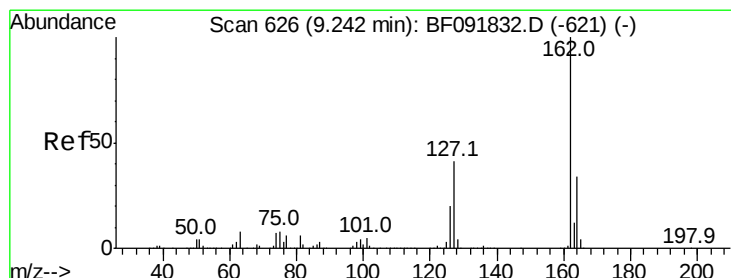
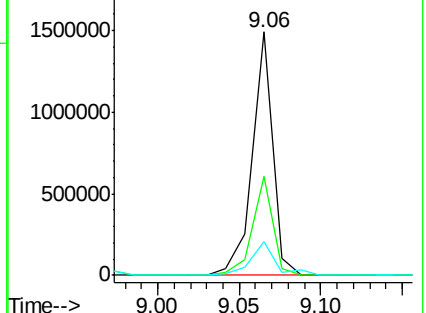
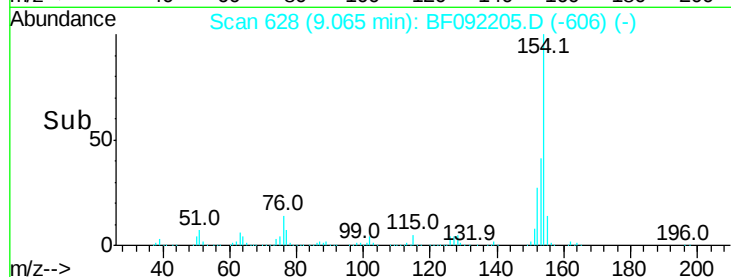
76 14.0 0.0 30.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BFO



#46

2-Chloronaphthalene

Concen: 39.70 ng

RT: 9.09 min Scan# 630

Delta R.T. -0.05 min

Lab File: BF092205.D

Acq: 12 Jan 2017 13:00

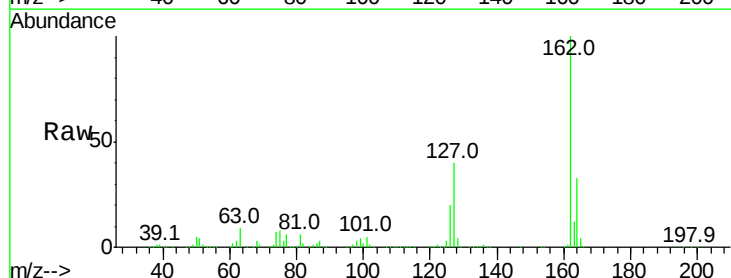
Tgt Ion:162 Resp: 1026140

Ion Ratio Lower Upper

162 100

127 40.5 30.7 46.1

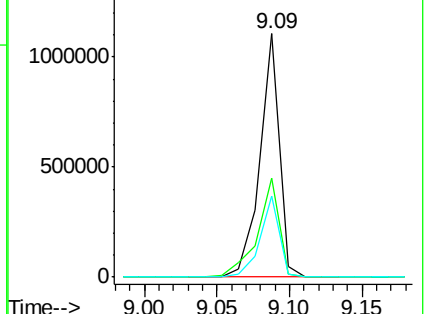
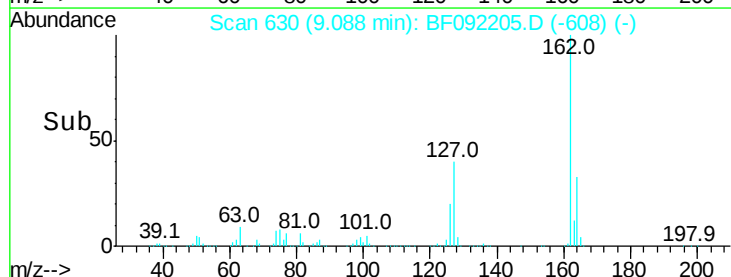
164 33.2 27.6 41.4

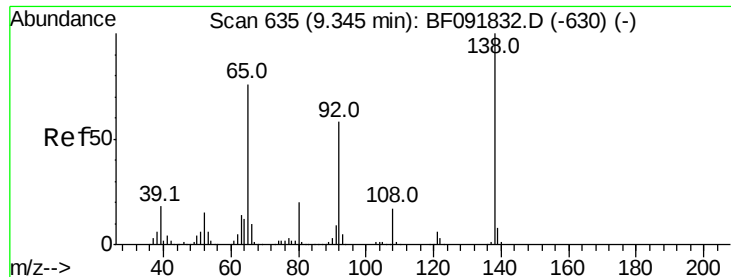


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

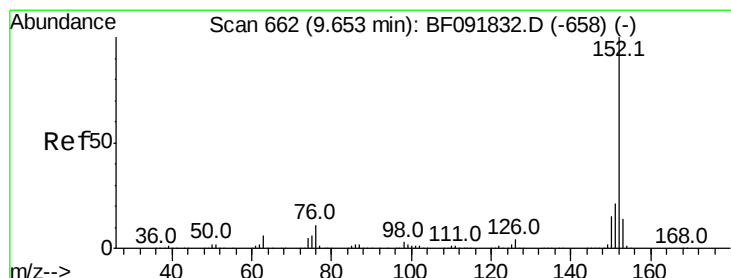
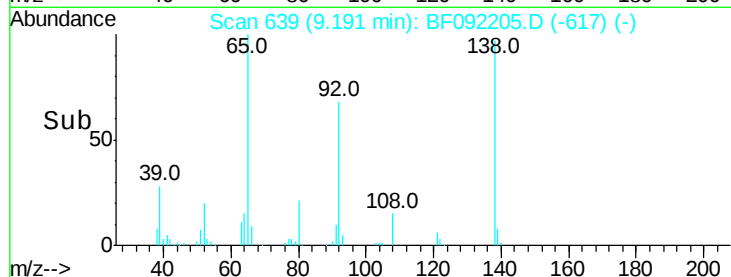
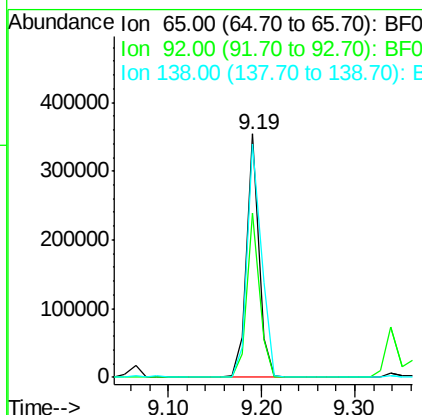
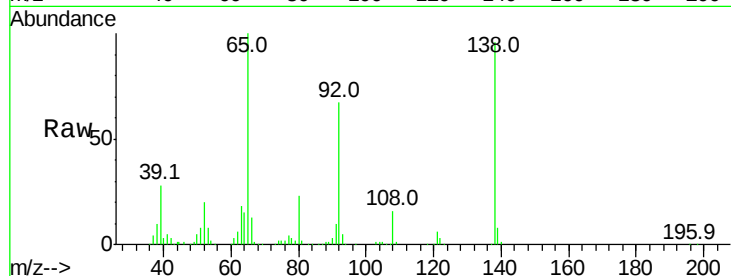




#47
2-Nitroaniline
Concen: 35.47 ng
RT: 9.19 min Scan# 639
Delta R.T. -0.05 min
Lab File: BF092205.D
Acq: 12 Jan 2017 13:00

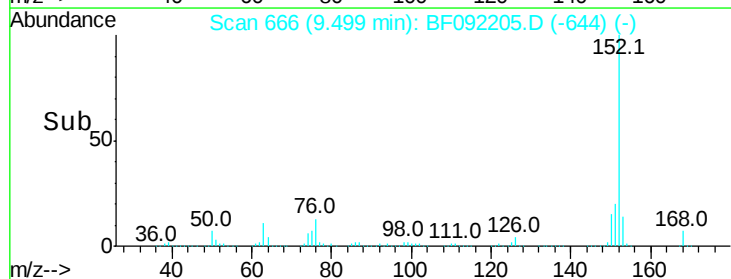
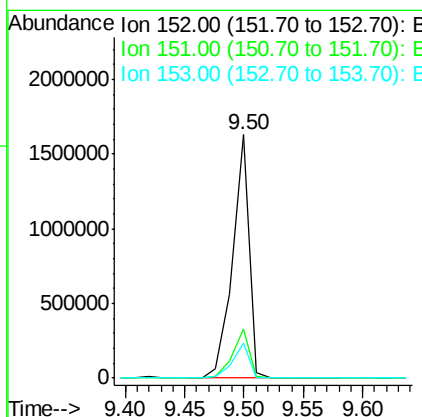
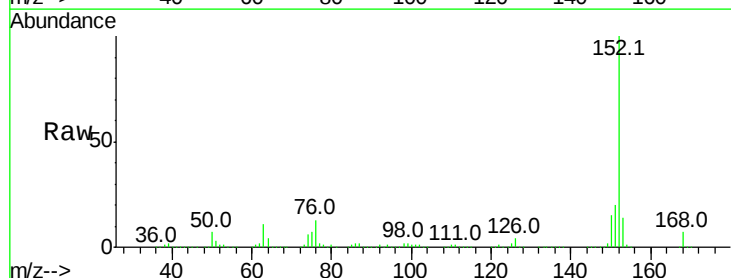
Instrument :
BNA_F
ClientSampleId :

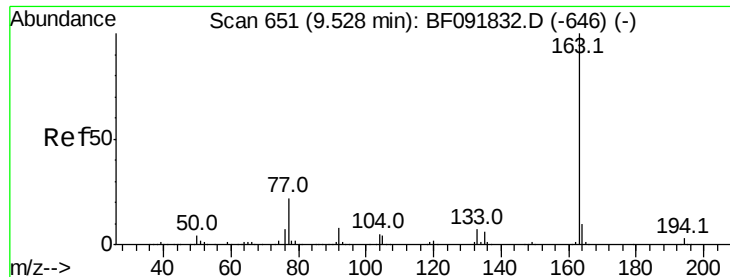
Tot Ion: 65 Resp: 326435
Ion Ratio Lower Upper
65 100
92 67.5 53.9 80.9
138 96.0 76.8 115.2



#48
Acenaphthylene
Concen: 39.66 ng
RT: 9.50 min Scan# 666
Delta R.T. -0.05 min
Lab File: BF092205.D
Acq: 12 Jan 2017 13:00

Tgt Ion: 152 Resp: 1576822
Ion Ratio Lower Upper
152 100
151 20.3 16.9 25.3
153 14.2 11.4 17.2

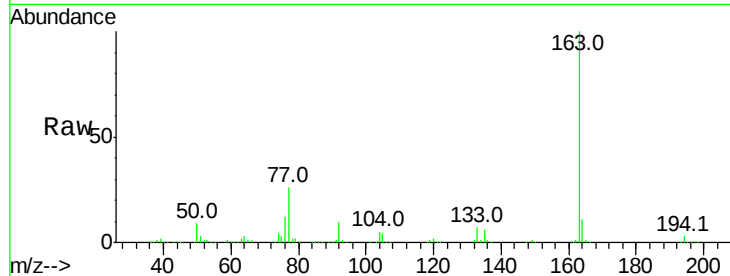




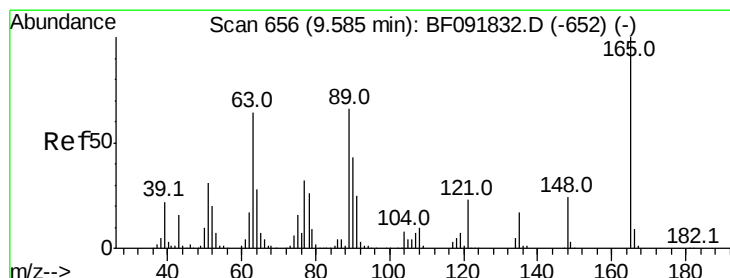
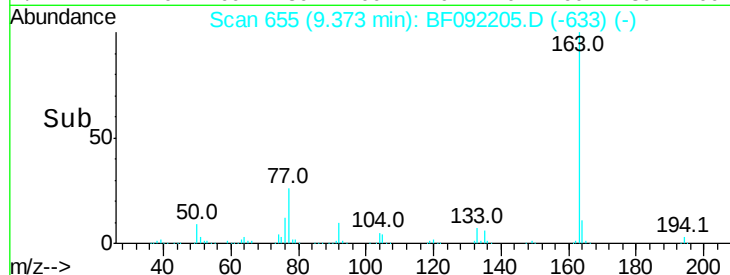
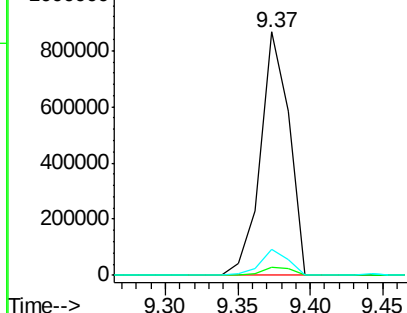
#49
Dimethylphthalate
Concen: 38.87 ng
RT: 9.37 min Scan# 655
Delta R.T. -0.05 min
Lab File: BF092205.D
Acq: 12 Jan 2017 13:00

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 1185247
Ion Ratio Lower Upper
163 100
194 3.2 3.0 4.4
164 10.9 8.0 12.0

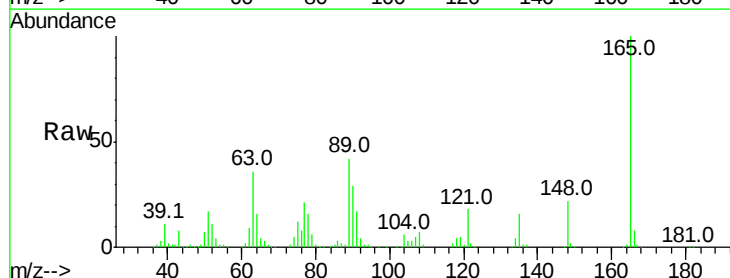


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

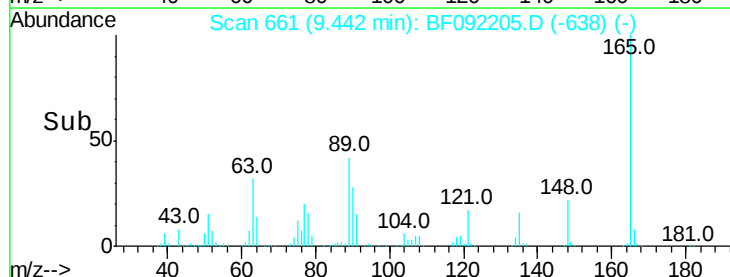
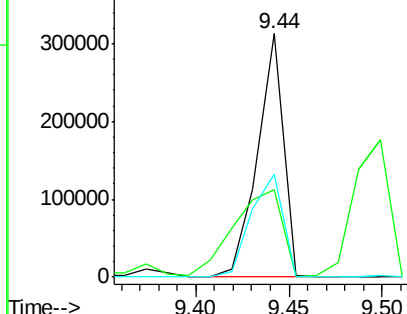


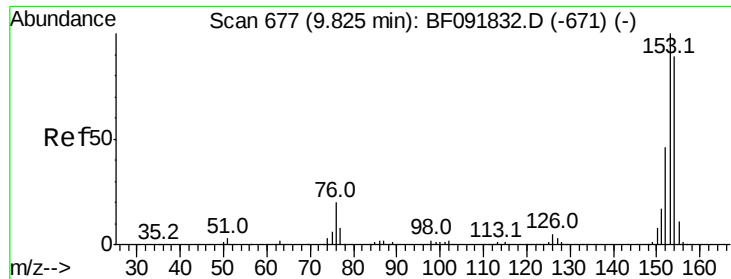
#50
2,6-Dinitrotoluene
Concen: 45.00 ng
RT: 9.44 min Scan# 661
Delta R.T. -0.03 min
Lab File: BF092205.D
Acq: 12 Jan 2017 13:00

Tgt Ion:165 Resp: 300323
Ion Ratio Lower Upper
165 100
63 36.0 36.2 54.4#
89 42.1 40.2 60.4



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

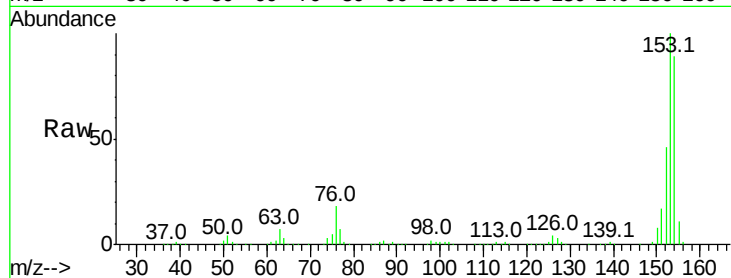




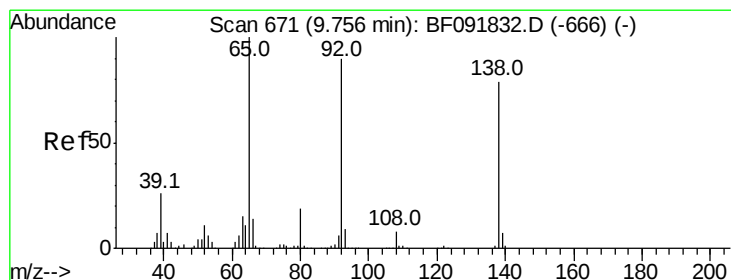
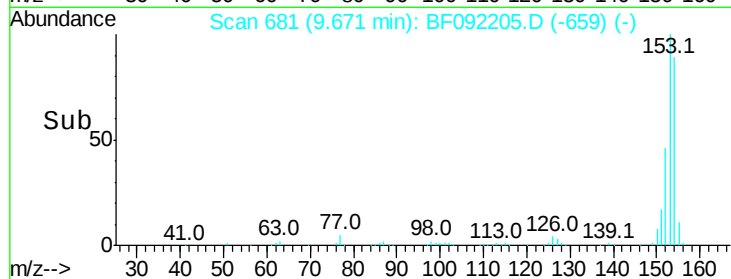
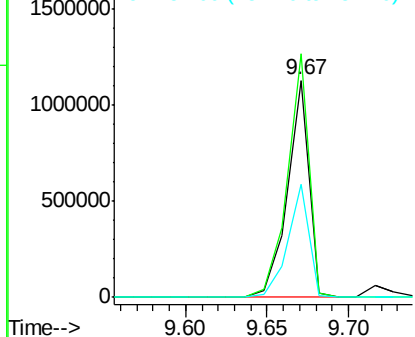
#51
Acenaphthene
Concen: 38.49 ng
RT: 9.67 min Scan# 681
Delta R.T. -0.05 min
Lab File: BF092205.D
Acq: 12 Jan 2017 13:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 1037318
Ion Ratio Lower Upper
154 100
153 112.1 88.6 133.0
152 51.8 41.6 62.4

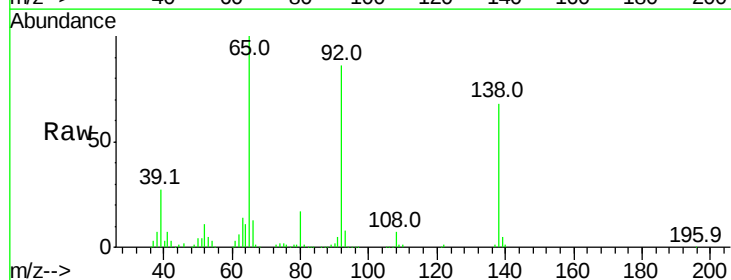


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

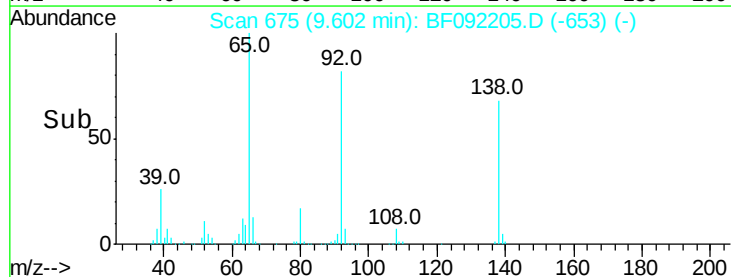
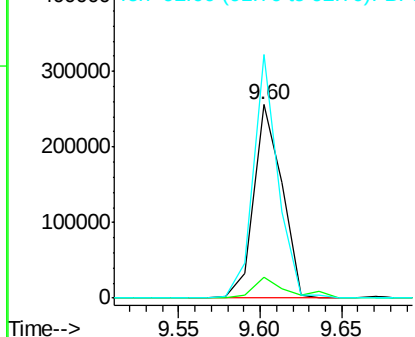


#52
3-Nitroaniline
Concen: 37.19 ng
RT: 9.60 min Scan# 675
Delta R.T. -0.05 min
Lab File: BF092205.D
Acq: 12 Jan 2017 13:00

Tgt Ion:138 Resp: 307163
Ion Ratio Lower Upper
138 100
108 10.5 8.5 12.7
92 126.1 97.8 146.8



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0

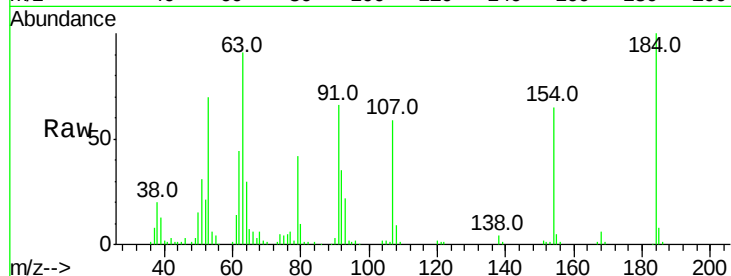




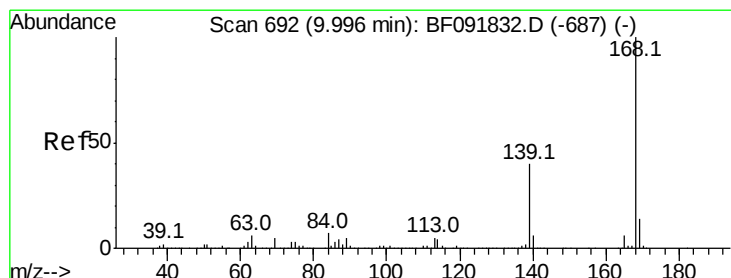
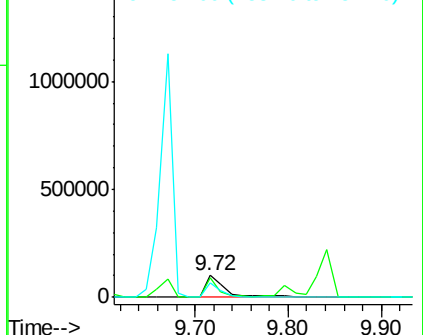
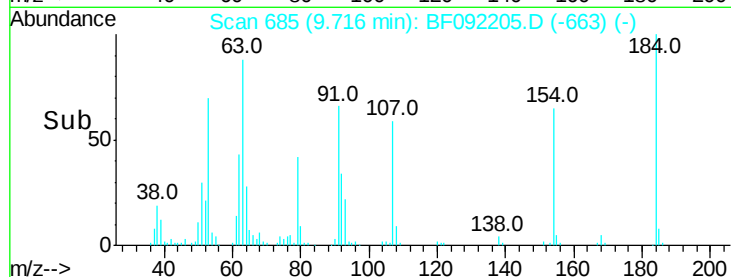
#53
2,4-Dinitrophenol
Concen: 40.92 ng
RT: 9.72 min Scan# 685
Delta R.T. -0.05 min
Lab File: BF092205.D
Acq: 12 Jan 2017 13:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 151970
Ion Ratio Lower Upper
184 100
63 91.0 28.4 42.6#
154 64.7 44.3 66.5

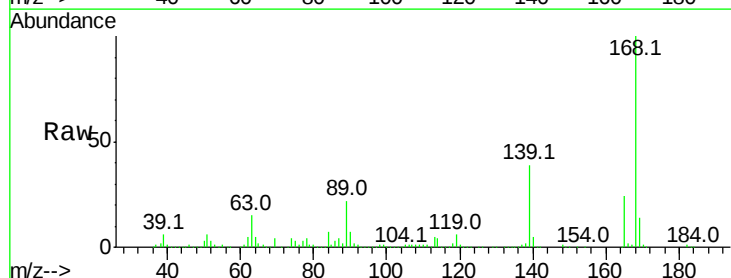


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

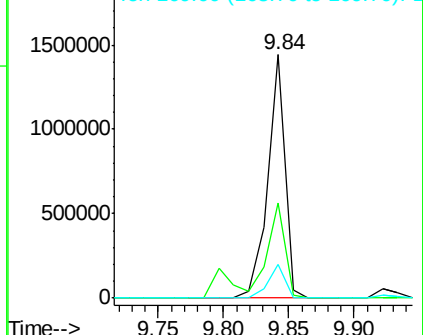
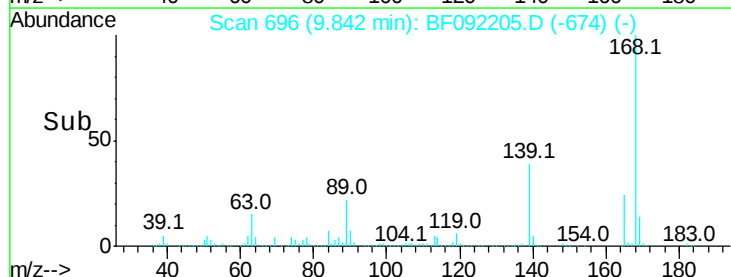


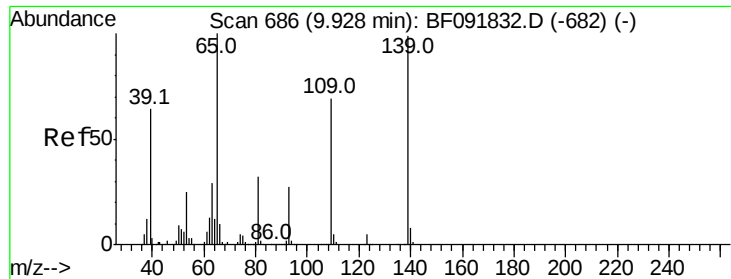
#54
Dibenzofuran
Concen: 36.79 ng
RT: 9.84 min Scan# 696
Delta R.T. -0.05 min
Lab File: BF092205.D
Acq: 12 Jan 2017 13:00

Tgt Ion:168 Resp: 1339328
Ion Ratio Lower Upper
168 100
139 38.9 32.6 49.0
169 13.7 11.3 16.9



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

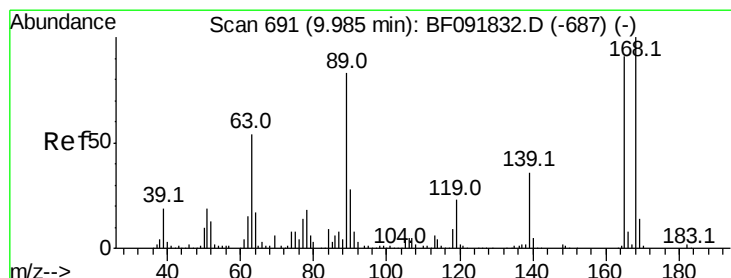
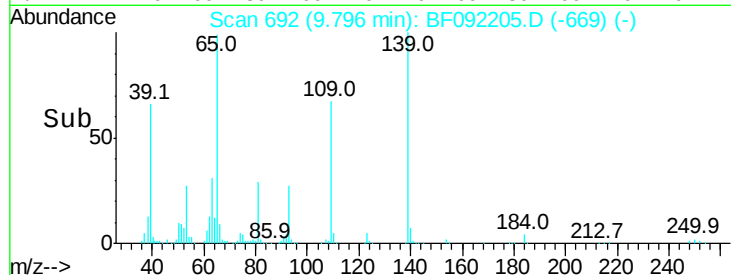
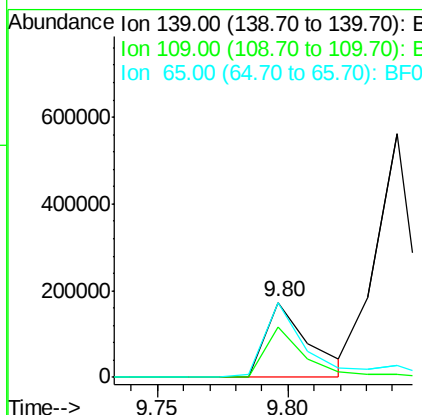
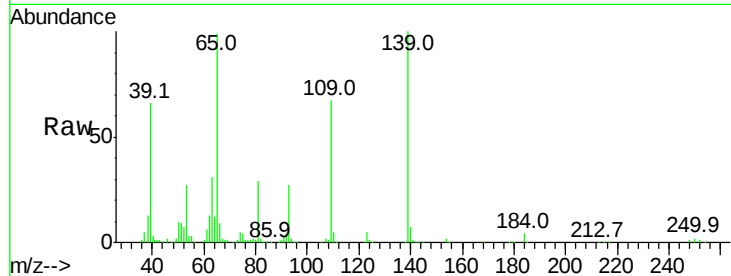




#55
4-Nitrophenol
Concen: 36.02 ng
RT: 9.80 min Scan# 692
Delta R.T. -0.03 min
Lab File: BF092205.D
Acq: 12 Jan 2017 13:00

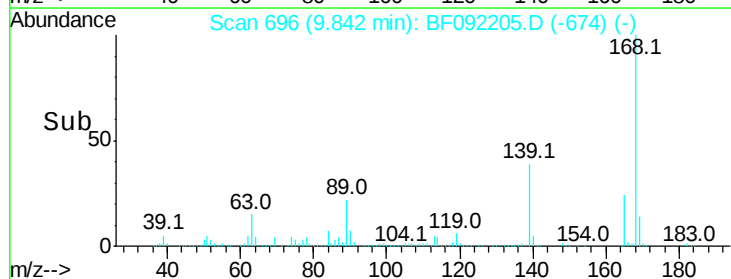
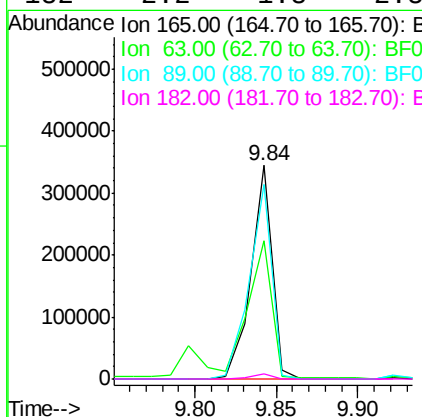
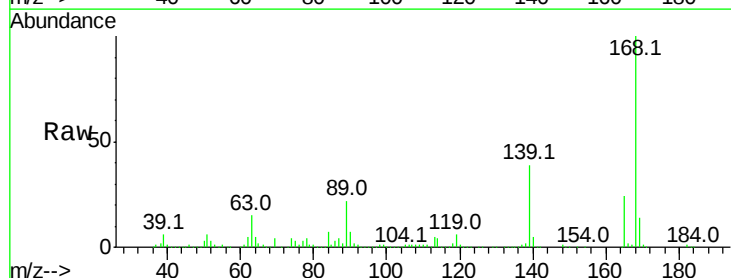
Instrument :
BNA_F
ClientSampleId :

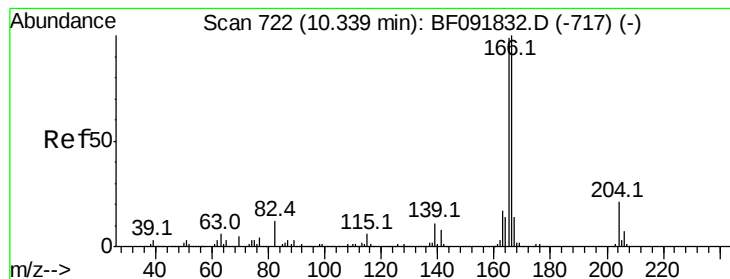
Tot Ion:139 Resp: 202013
Ion Ratio Lower Upper
139 100
109 67.3 52.2 92.2
65 98.7 85.8 125.8



#56
2,4-Dinitrotoluene
Concen: 37.16 ng
RT: 9.84 min Scan# 696
Delta R.T. -0.05 min
Lab File: BF092205.D
Acq: 12 Jan 2017 13:00

Tgt Ion:165 Resp: 311263
Ion Ratio Lower Upper
165 100
63 64.7 40.2 60.4#
89 91.0 62.5 93.7
182 2.2 1.8 2.8





#57

Fluorene

Concen: 43.49 ng

RT: 10.18 min Scan# 726

Delta R.T. -0.05 min

Lab File: BF092205.D

Acq: 12 Jan 2017 13:00

Instrument :

BNA_F

ClientSampleId :

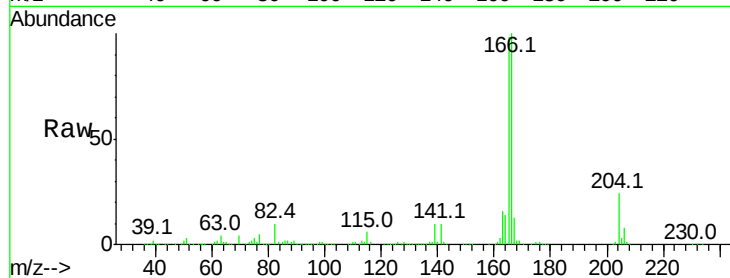
Tot Ion:166 Resp: 1151709

Ion Ratio Lower Upper

166 100

165 98.0 77.8 116.8

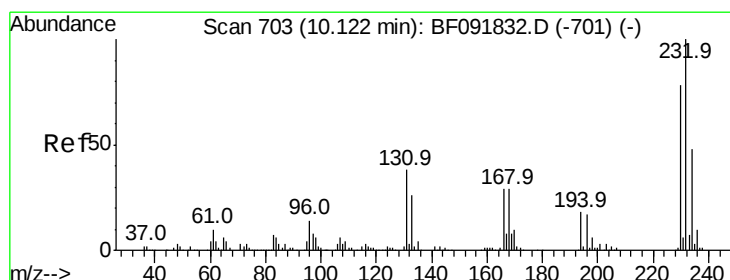
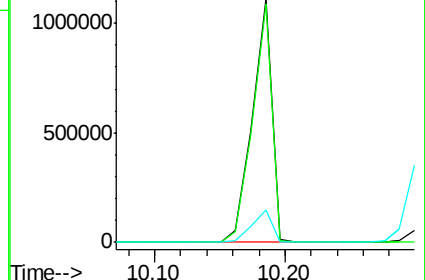
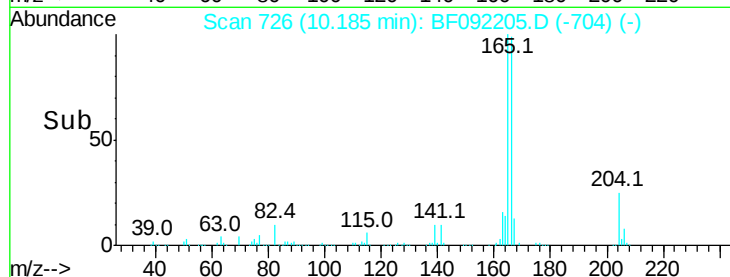
167 13.5 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.03 ng

RT: 9.97 min Scan# 707

Delta R.T. -0.05 min

Lab File: BF092205.D

Acq: 12 Jan 2017 13:00

Tgt Ion:232 Resp: 274448

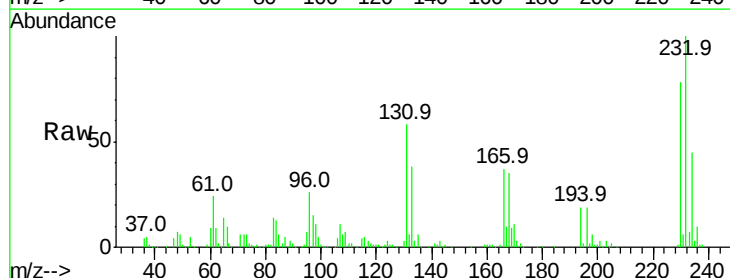
Ion Ratio Lower Upper

232 100

131 48.7 40.1 60.1

130 2.3 1.8 2.8

166 31.1 26.6 39.8

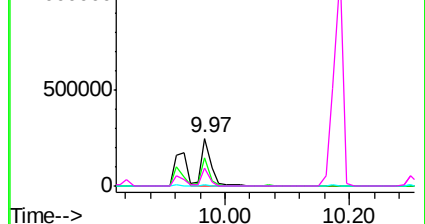
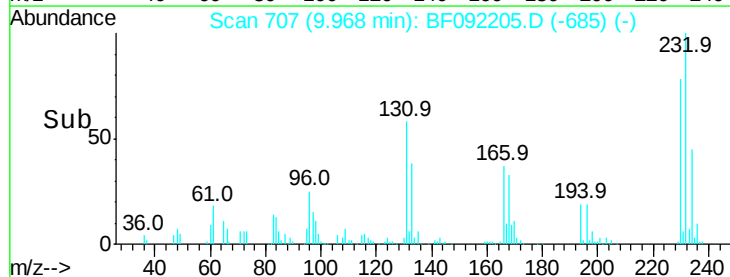


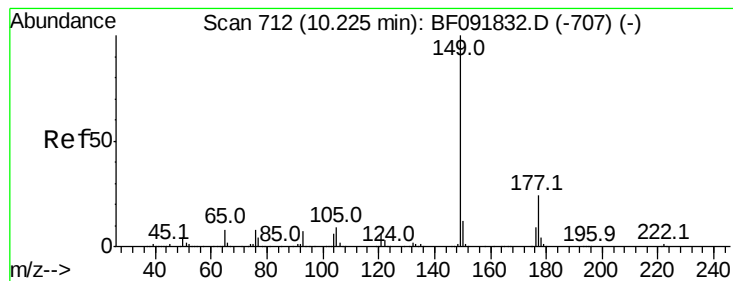
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 38.54 ng

RT: 10.07 min Scan# 716

Delta R.T. -0.05 min

Lab File: BF092205.D

Acq: 12 Jan 2017 13:00

Instrument :

BNA_F

ClientSampleId :

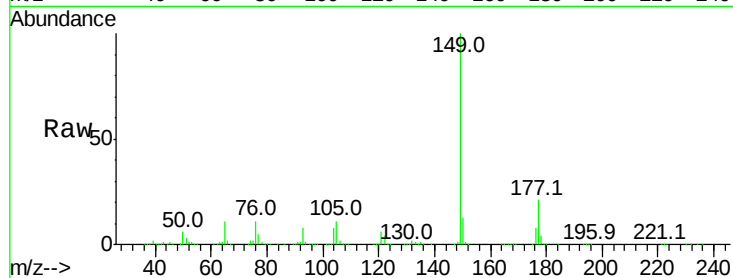
Tot Ion:149 Resp: 1141238

Ion Ratio Lower Upper

149 100

177 21.4 16.6 25.0

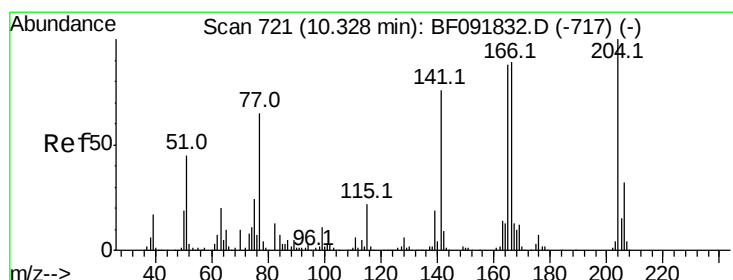
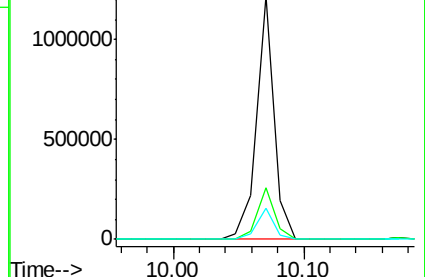
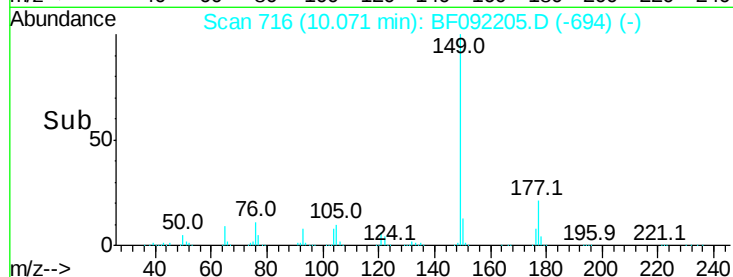
150 12.7 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 40.14 ng

RT: 10.17 min Scan# 725

Delta R.T. -0.05 min

Lab File: BF092205.D

Acq: 12 Jan 2017 13:00

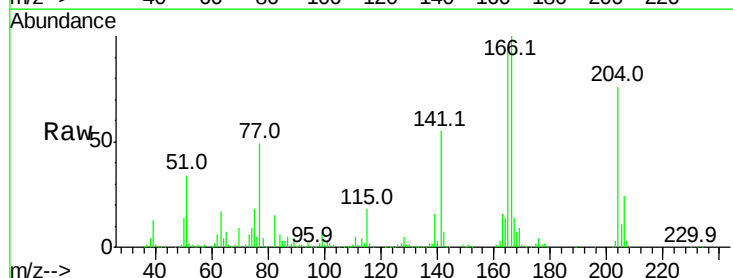
Tgt Ion:204 Resp: 465429

Ion Ratio Lower Upper

204 100

206 31.7 25.8 38.6

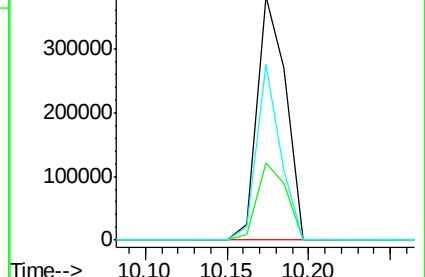
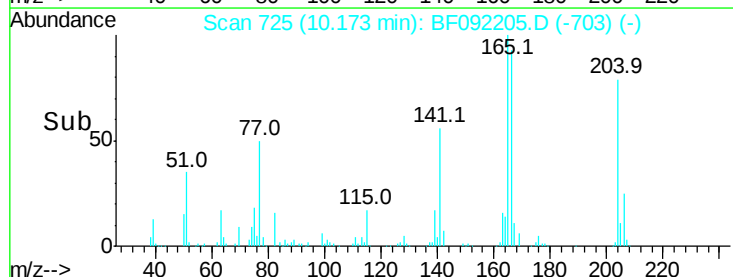
141 72.0 59.4 89.0

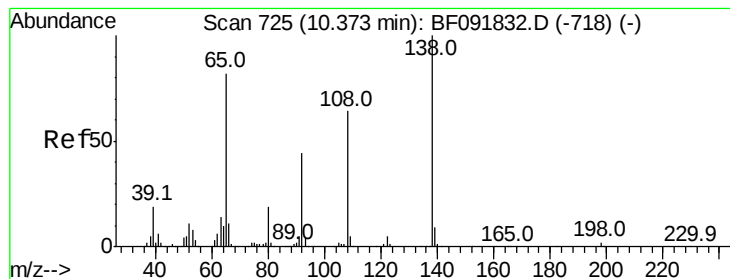


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 40.41 ng

RT: 10.22 min Scan# 729

Delta R.T. -0.05 min

Lab File: BF092205.D

Acq: 12 Jan 2017 13:00

Instrument :
BNA_F
ClientSampleId :

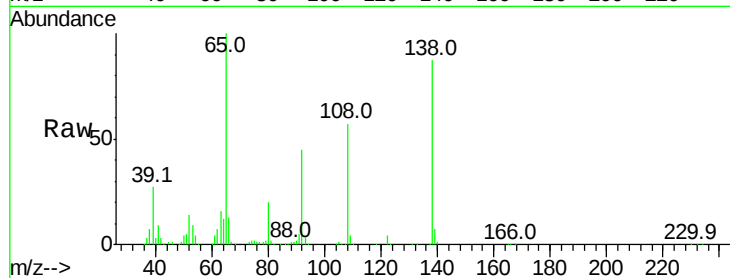
Tot Ion:138 Resp: 345883

Ion Ratio Lower Upper

138 100

92 51.5 31.7 71.7

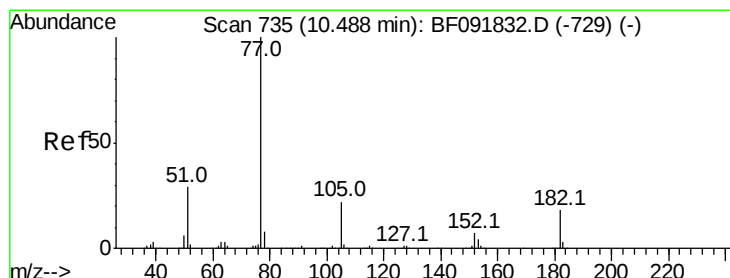
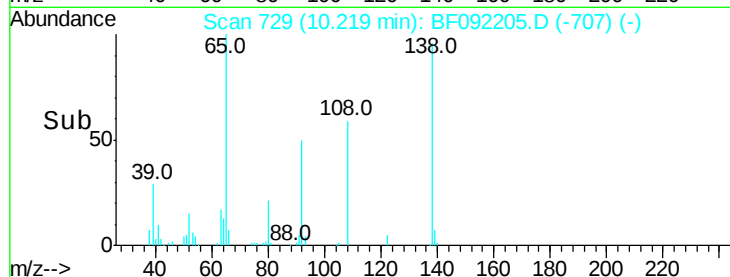
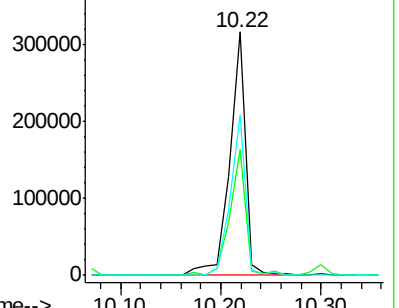
108 65.7 52.6 92.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 39.38 ng

RT: 10.33 min Scan# 739

Delta R.T. -0.05 min

Lab File: BF092205.D

Acq: 12 Jan 2017 13:00

Tgt Ion: 77 Resp: 1284000

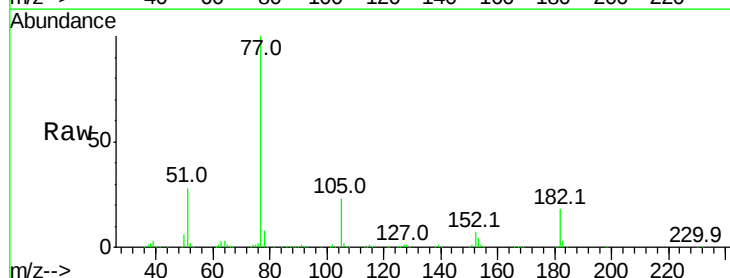
Ion Ratio Lower Upper

77 100

182 17.9 0.0 39.3

105 23.0 2.3 42.3

51 27.8 8.9 48.9

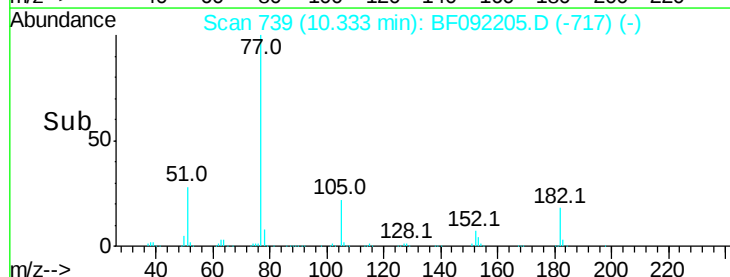
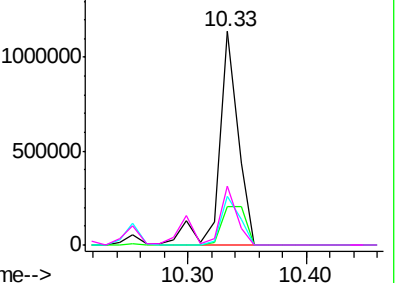


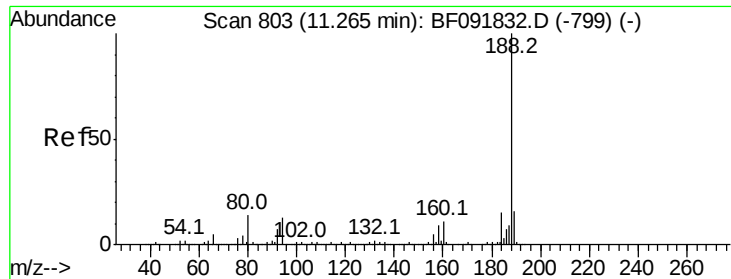
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

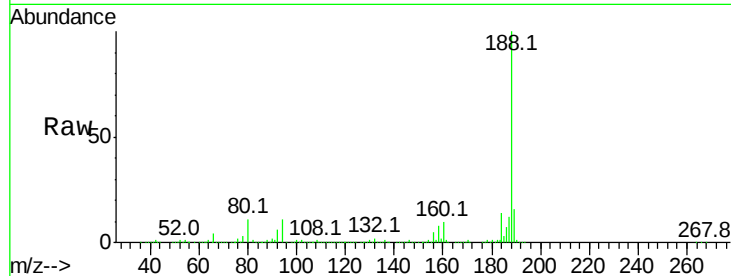




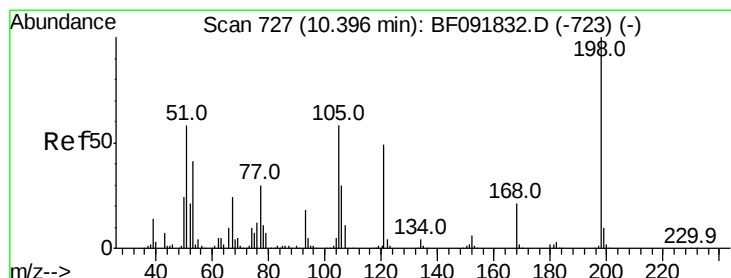
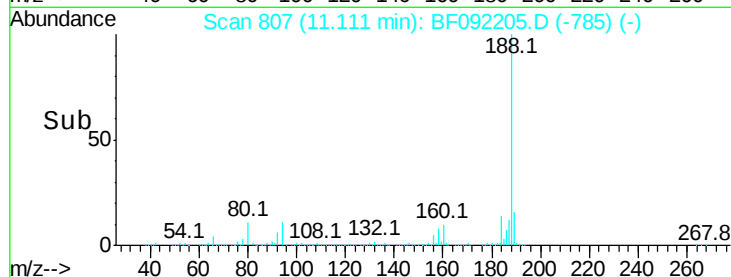
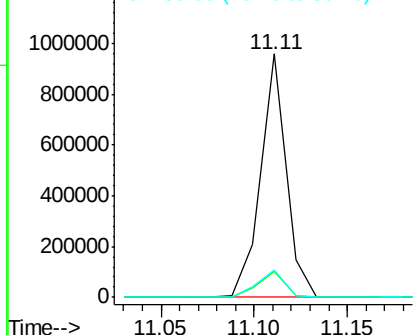
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 807
Delta R.T. -0.05 min
Lab File: BF092205.D
Acq: 12 Jan 2017 13:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 907593
Ion Ratio Lower Upper
188 100
94 10.8 10.0 15.0
80 11.3 11.2 16.8

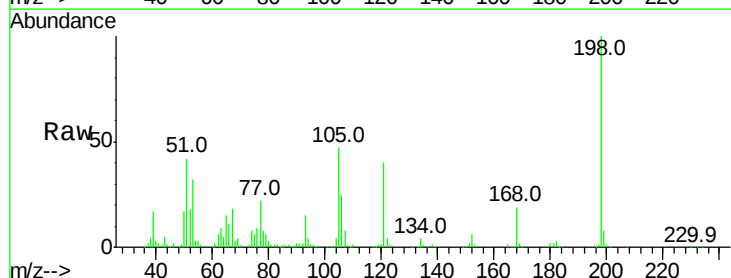


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

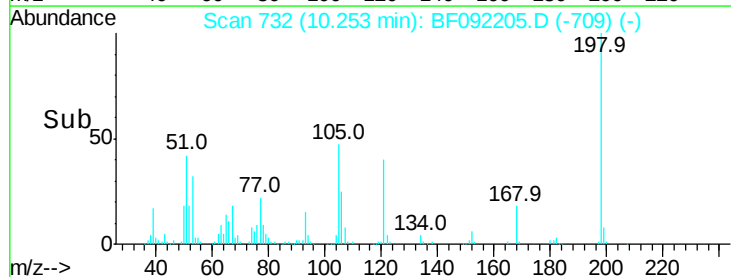
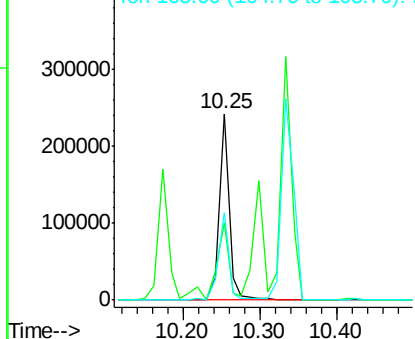


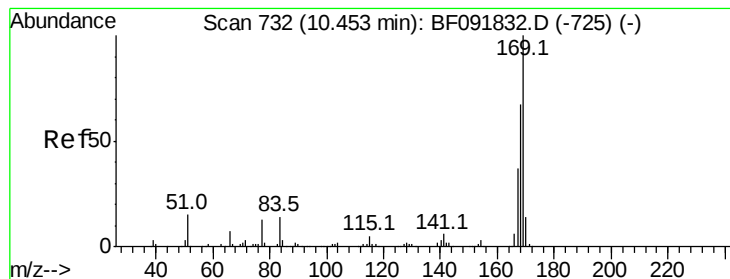
#64
4,6-Dinitro-2-methylphenol
Concen: 39.83 ng
RT: 10.25 min Scan# 732
Delta R.T. -0.03 min
Lab File: BF092205.D
Acq: 12 Jan 2017 13:00

Tgt Ion:198 Resp: 218589
Ion Ratio Lower Upper
198 100
51 41.7 6.7 46.7
105 46.7 16.6 56.6



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 33.62 ng

RT: 10.30 min Scan# 736

Delta R.T. -0.05 min

Lab File: BF092205.D

Acq: 12 Jan 2017 13:00

Instrument :

BNA_F

ClientSampleId :

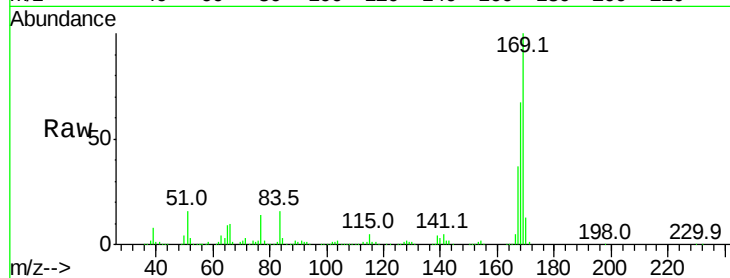
Tot Ion:169 Resp: 905318

Ion Ratio Lower Upper

169 100

168 67.4 54.2 81.2

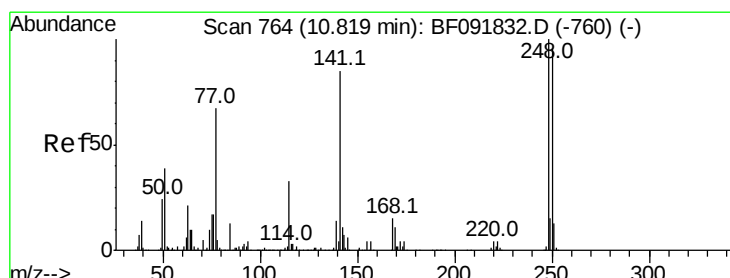
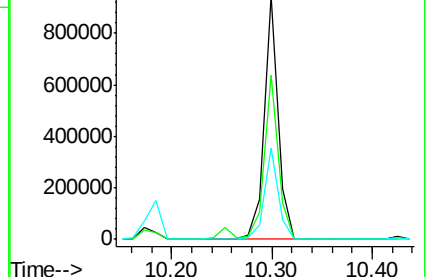
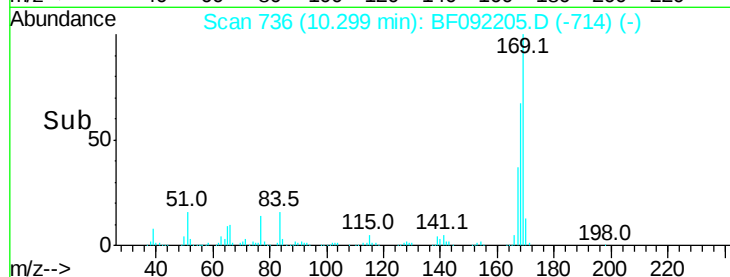
167 37.4 30.2 45.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 36.79 ng

RT: 10.66 min Scan# 768

Delta R.T. -0.05 min

Lab File: BF092205.D

Acq: 12 Jan 2017 13:00

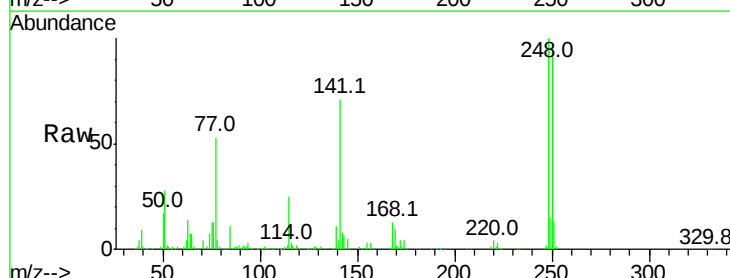
Tgt Ion:248 Resp: 347325

Ion Ratio Lower Upper

248 100

250 97.2 76.9 115.3

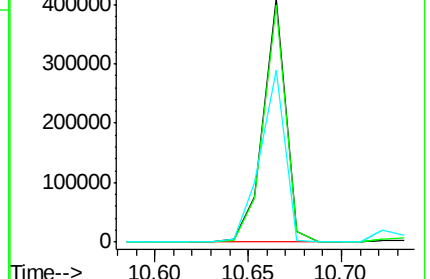
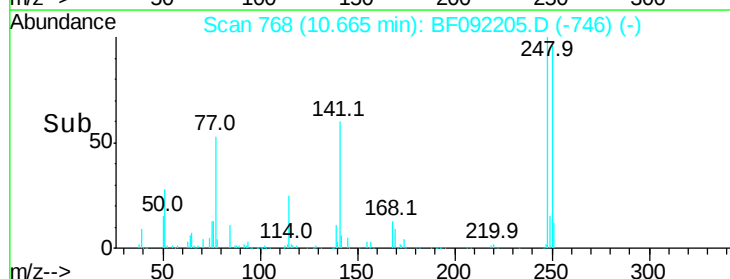
141 70.9 68.2 102.4



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

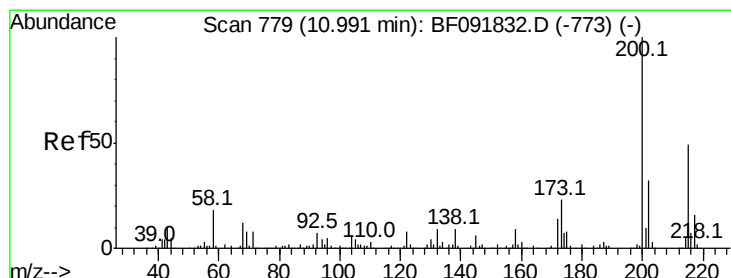
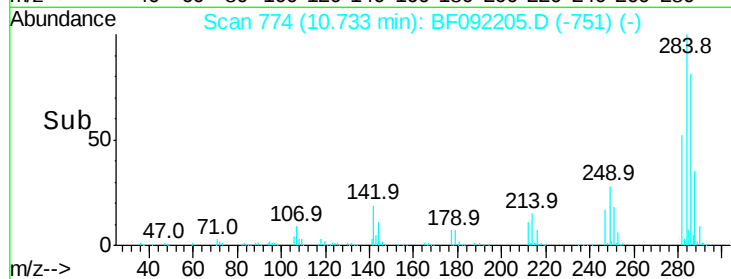
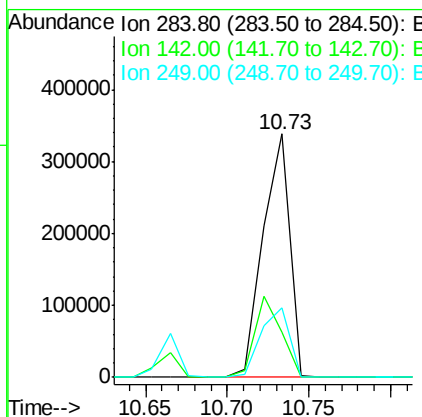
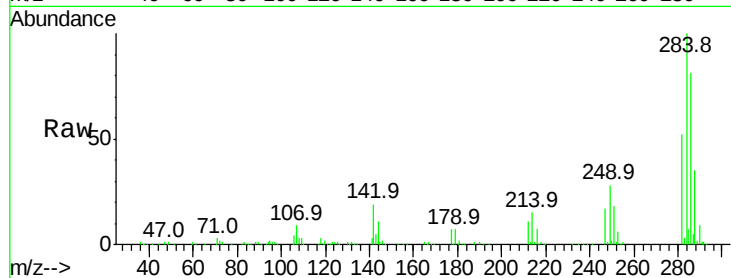




#67
Hexachlorobenzene
Concen: 38.38 ng
RT: 10.73 min Scan# 774
Delta R.T. -0.03 min
Lab File: BF092205.D
Acq: 12 Jan 2017 13:00

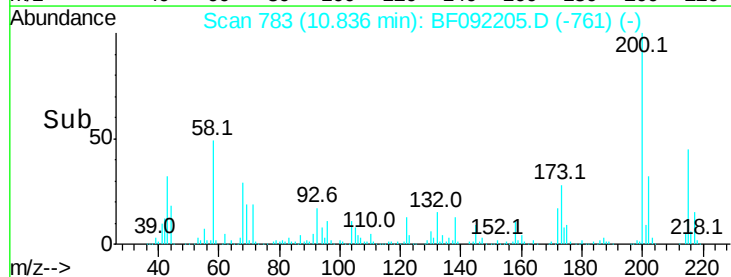
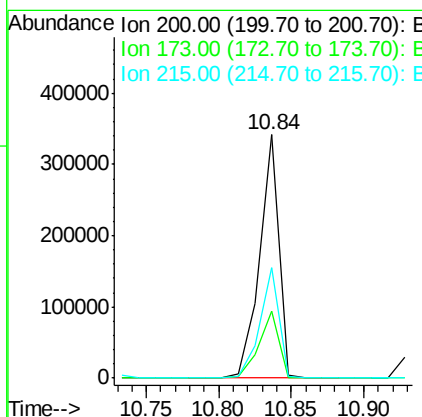
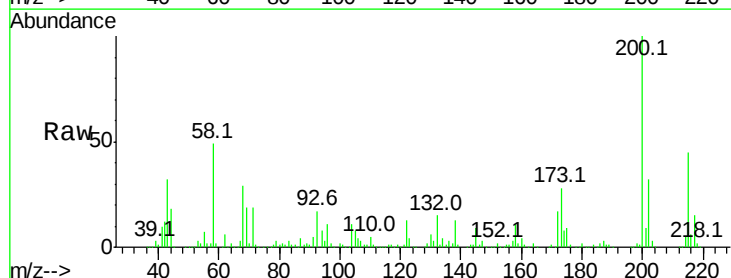
Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 387268
Ion Ratio Lower Upper
284 100
142 18.7 22.6 33.8#
249 28.3 25.4 38.0



#68
Atrazine
Concen: 36.25 ng
RT: 10.84 min Scan# 783
Delta R.T. -0.05 min
Lab File: BF092205.D
Acq: 12 Jan 2017 13:00

Tgt Ion:200 Resp: 314958
Ion Ratio Lower Upper
200 100
173 27.5 9.6 49.6
215 45.4 25.7 65.7

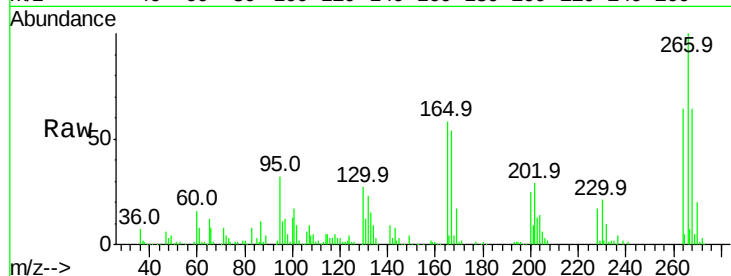




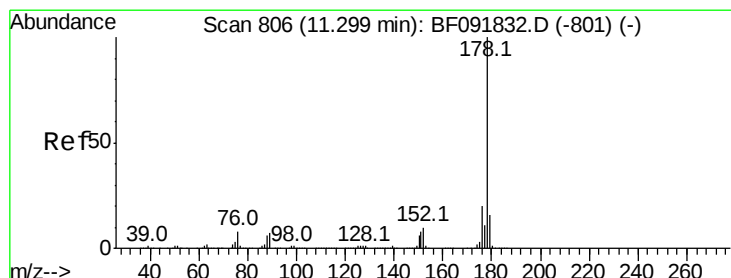
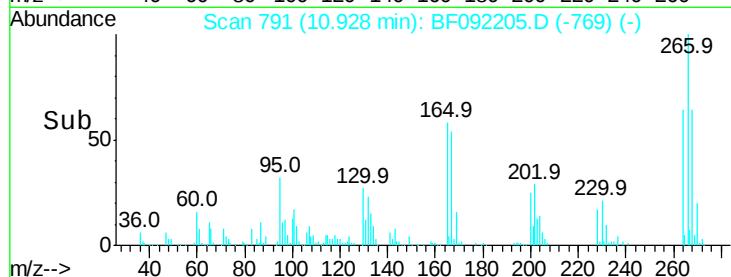
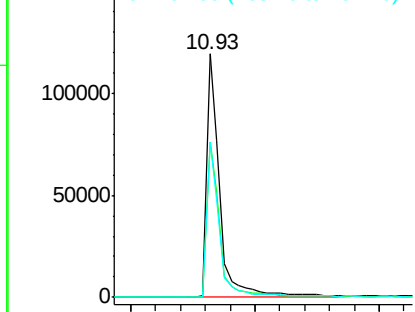
#69
 Pentachlorophenol
 Concen: 35.20 ng
 RT: 10.93 min Scan# 791
 Delta R.T. -0.05 min
 Lab File: BF092205.D
 Acq: 12 Jan 2017 13:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 174274
 Ion Ratio Lower Upper
 266 100
 268 63.9 53.3 79.9
 264 63.6 50.3 75.5

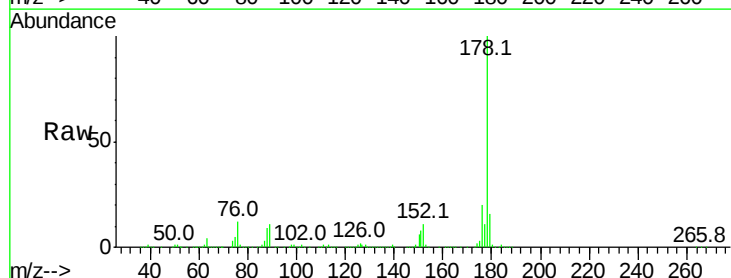


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

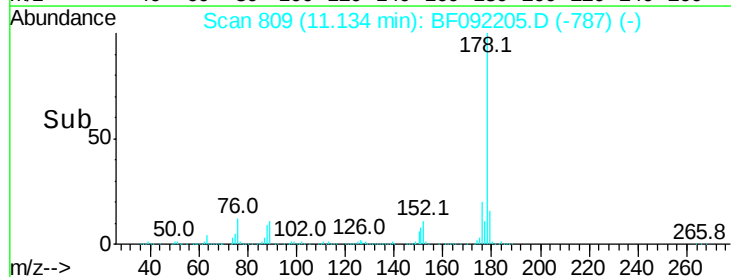
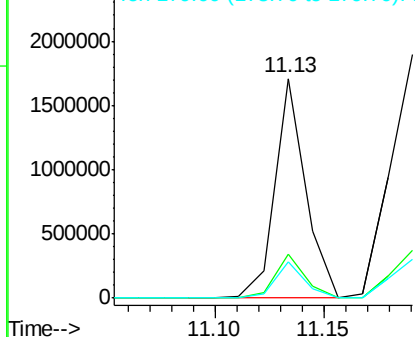


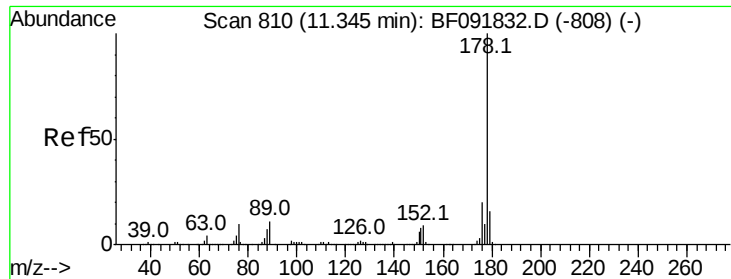
#70
 Phenanthrene
 Concen: 34.23 ng
 RT: 11.13 min Scan# 809
 Delta R.T. -0.05 min
 Lab File: BF092205.D
 Acq: 12 Jan 2017 13:00

Tgt Ion:178 Resp: 1684795
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.6 25.0
 179 16.2 12.8 19.2



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

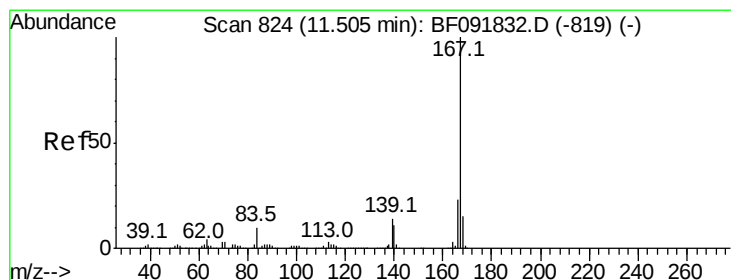
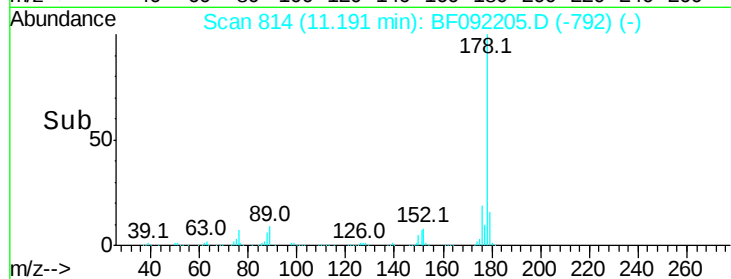
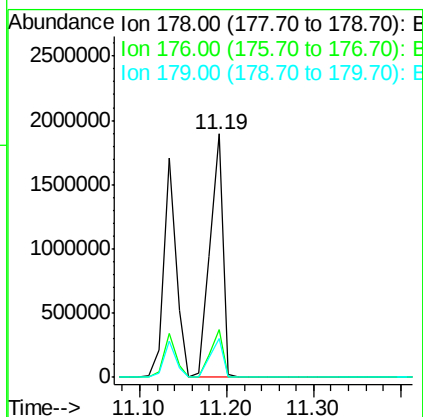
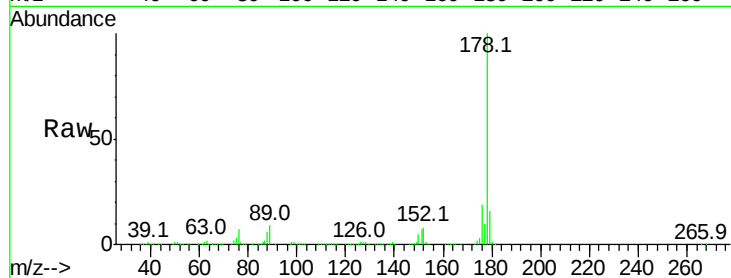




#71
 Anthracene
 Concen: 46.05 ng
 RT: 11.19 min Scan# 814
 Delta R.T. -0.05 min
 Lab File: BF092205.D
 Acq: 12 Jan 2017 13:00

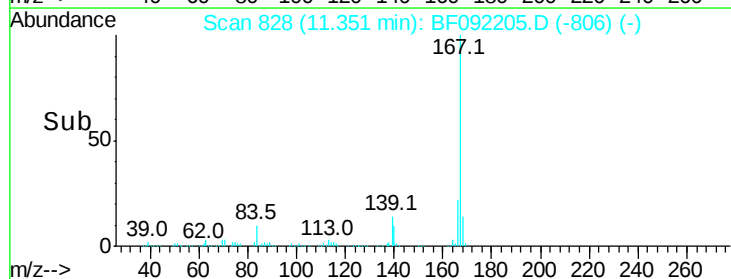
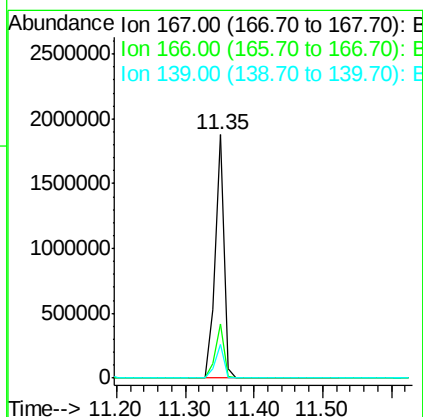
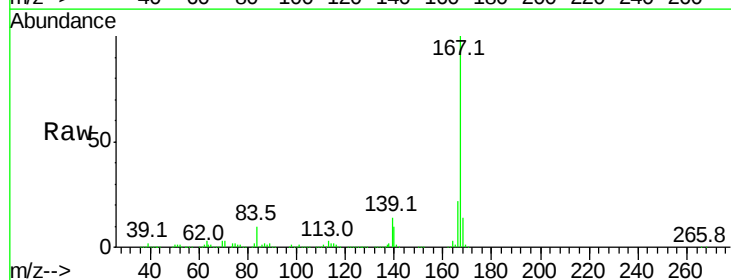
Instrument :
 BNA_F
 ClientSampleId :

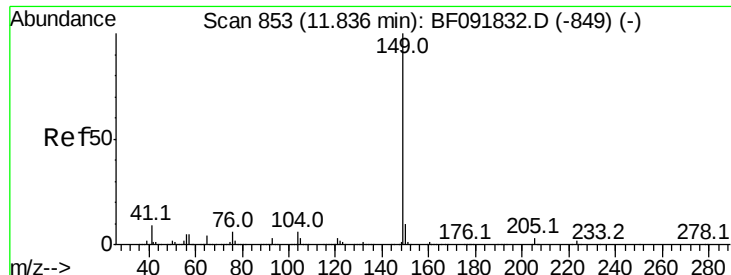
Tot Ion:178 Resp: 1993588
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.9 23.9
 179 15.8 13.2 19.8



#72
 Carbazole
 Concen: 40.54 ng
 RT: 11.35 min Scan# 828
 Delta R.T. -0.05 min
 Lab File: BF092205.D
 Acq: 12 Jan 2017 13:00

Tgt Ion:167 Resp: 1715577
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.2 27.2
 139 13.6 11.4 17.2





#73

Di-n-butylphthalate

Concen: 47.45 ng

RT: 11.69 min Scan# 858

Delta R.T. -0.03 min

Lab File: BF092205.D

Acq: 12 Jan 2017 13:00

Instrument :

BNA_F

ClientSampleId :

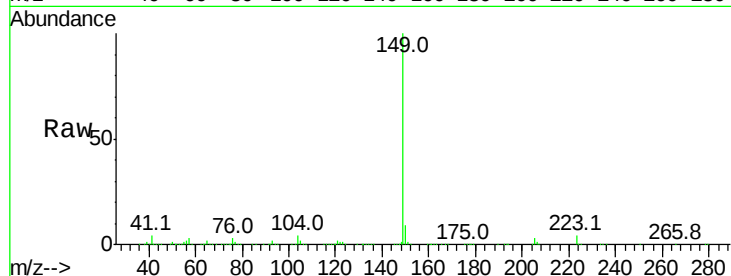
Tot Ion:149 Resp: 2202436

Ion Ratio Lower Upper

149 100

150 9.4 8.1 12.1

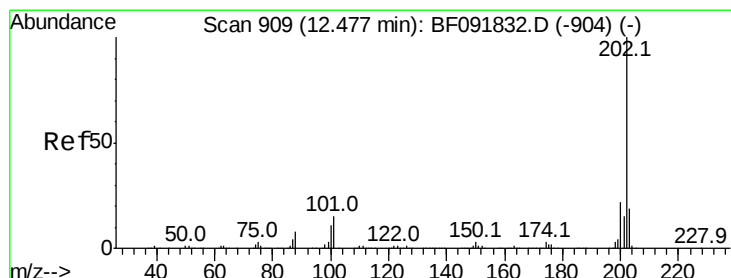
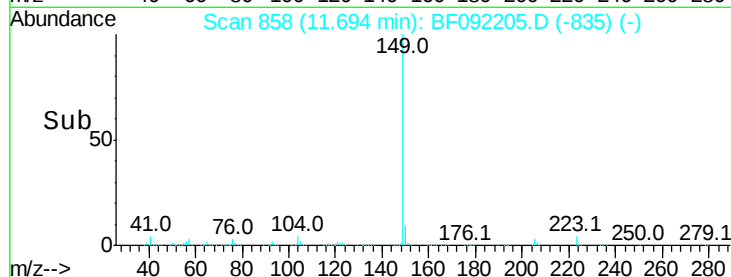
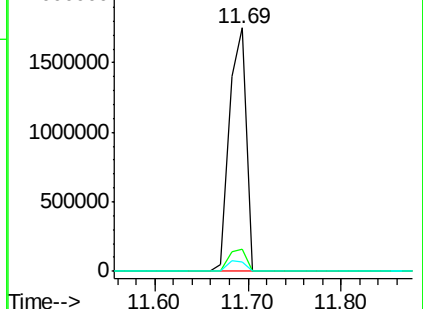
104 3.8 4.6 7.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 44.88 ng

RT: 12.32 min Scan# 913

Delta R.T. -0.05 min

Lab File: BF092205.D

Acq: 12 Jan 2017 13:00

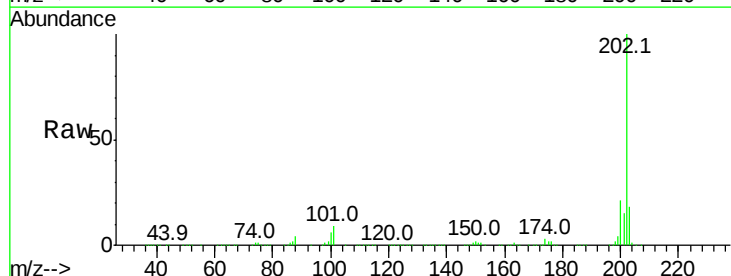
Tgt Ion:202 Resp: 1938285

Ion Ratio Lower Upper

202 100

101 9.0 0.0 34.6

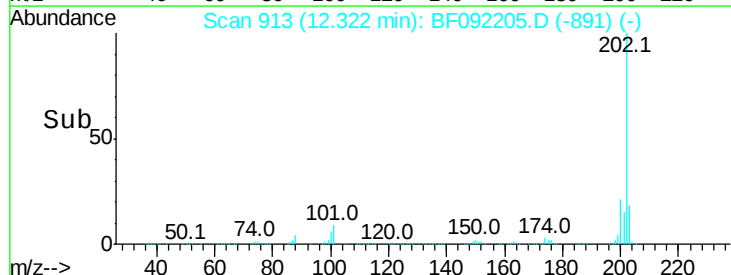
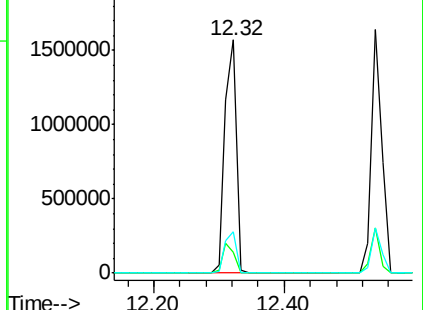
203 17.8 0.0 38.7

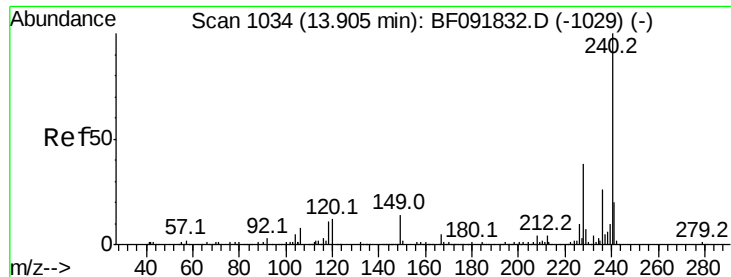


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.74 min Scan# 1037

Delta R.T. -0.05 min

Lab File: BF092205.D

Acq: 12 Jan 2017 13:00

Instrument :

BNA_F

ClientSampleId :

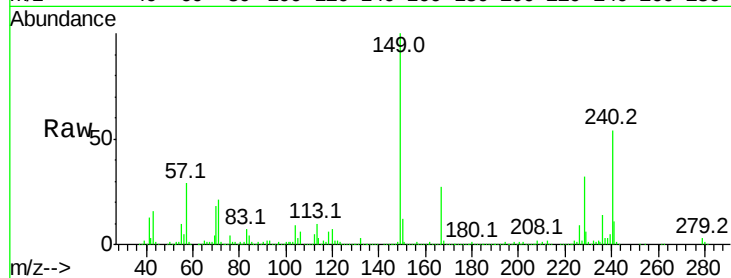
Tot Ion:240 Resp: 572339

Ion Ratio Lower Upper

240 100

120 13.8 12.9 19.3

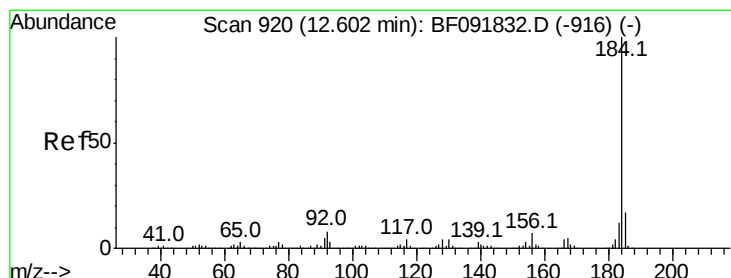
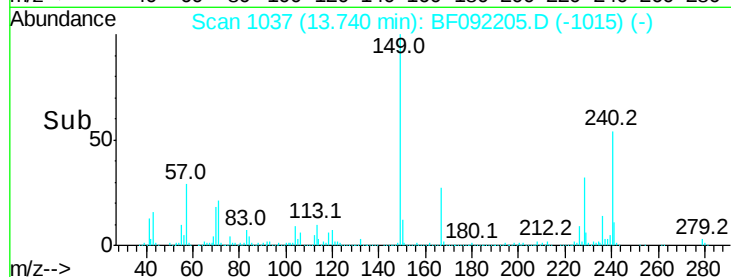
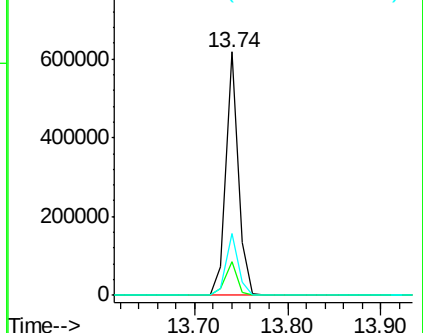
236 25.6 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 52.07 ng

RT: 12.45 min Scan# 924

Delta R.T. -0.05 min

Lab File: BF092205.D

Acq: 12 Jan 2017 13:00

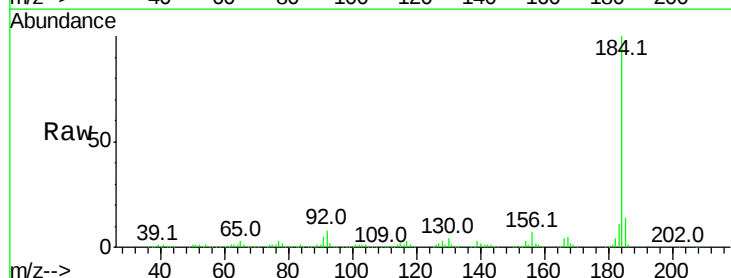
Tgt Ion:184 Resp: 731938

Ion Ratio Lower Upper

184 100

185 14.4 13.4 20.0

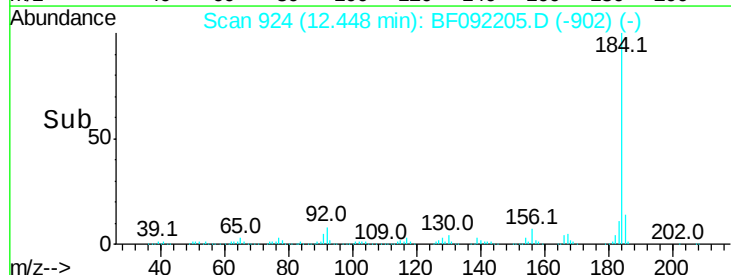
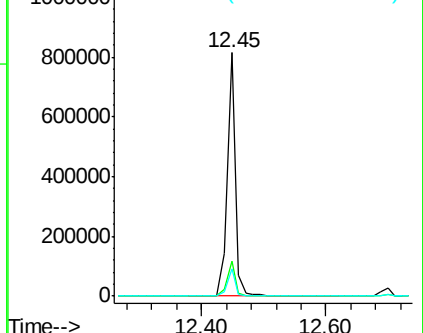
183 11.1 9.2 13.8

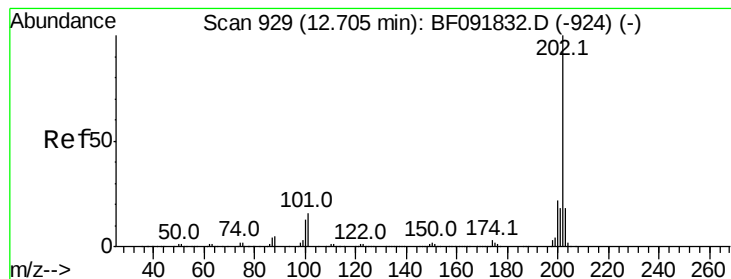


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 42.61 ng

RT: 12.54 min Scan# 932

Delta R.T. -0.05 min

Lab File: BF092205.D

Acq: 12 Jan 2017 13:00

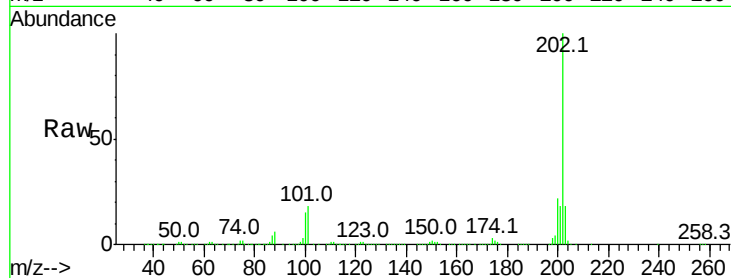
Instrument :

BNA_F

ClientSampleId :

Tot Ion:202 Resp: 1789181

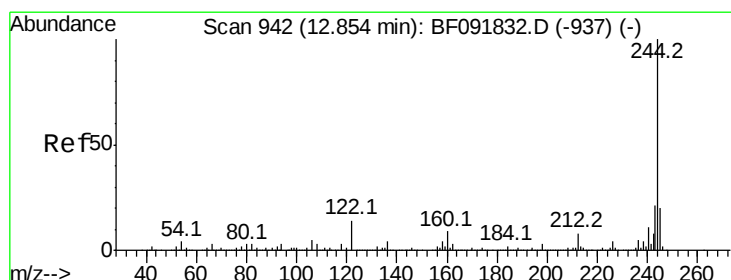
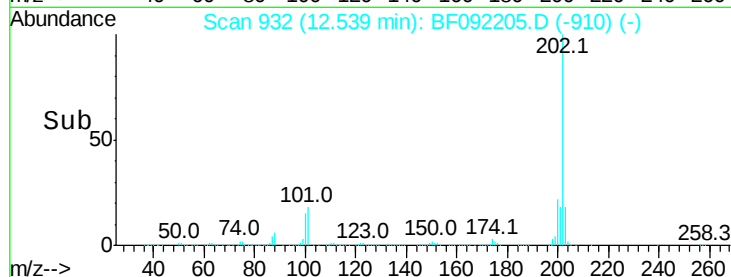
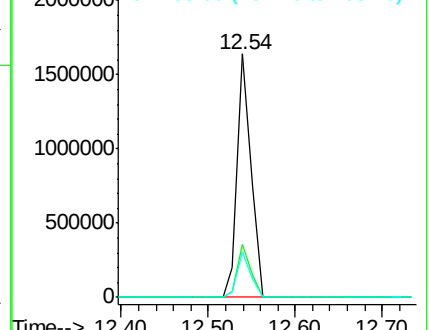
Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.7	26.5
203	18.3	14.7	22.1



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: 88.36 ng

RT: 12.70 min Scan# 946

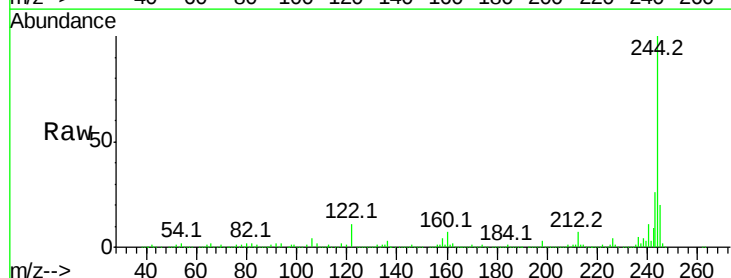
Delta R.T. -0.05 min

Lab File: BF092205.D

Acq: 12 Jan 2017 13:00

Tgt Ion:244 Resp: 2085306

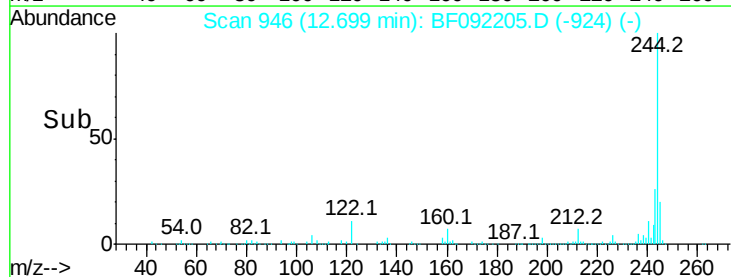
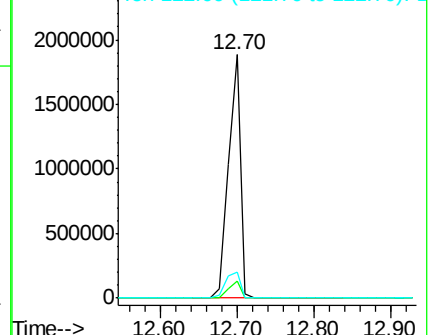
Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.2	9.2
122	10.9	11.4	17.2

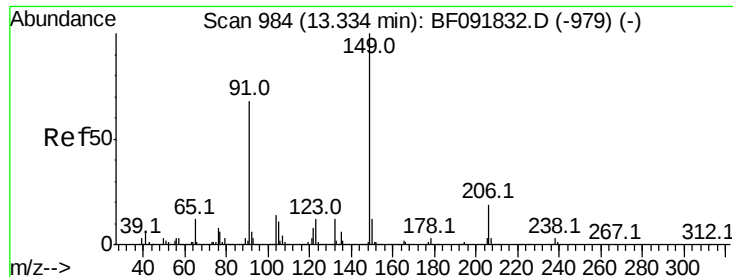


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

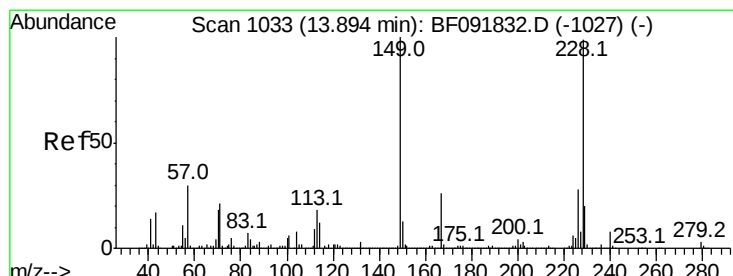
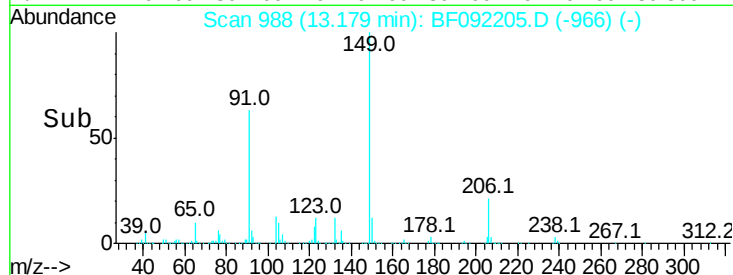
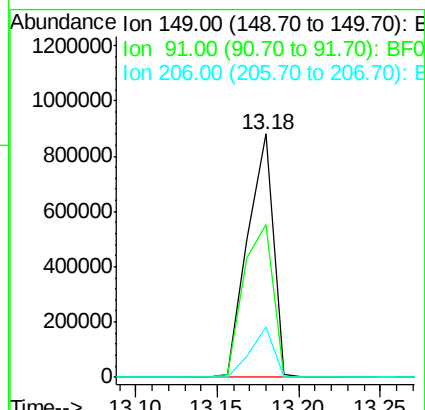
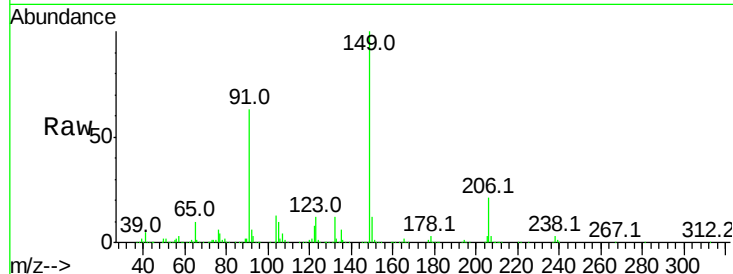




#79
 Butylbenzylphthalate
 Concen: 50.25 ng
 RT: 13.18 min Scan# 988
 Delta R.T. -0.05 min
 Lab File: BF092205.D
 Acq: 12 Jan 2017 13:00

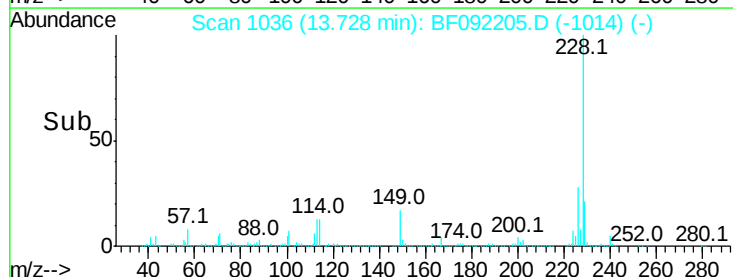
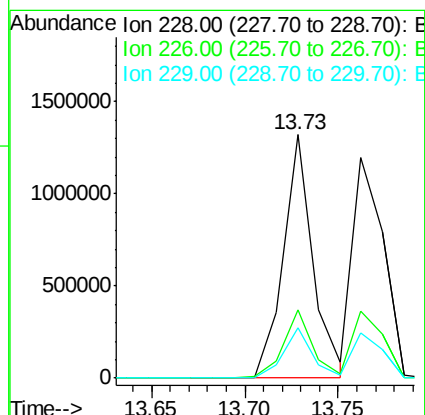
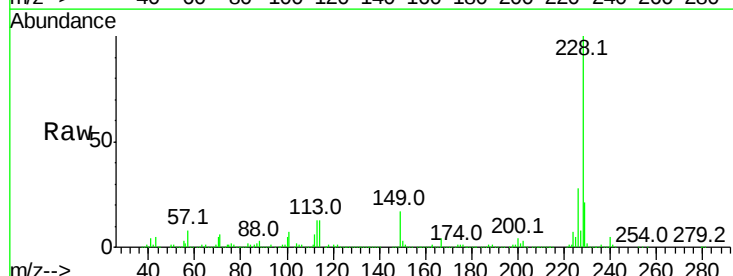
Instrument :
 BNA_F
 ClientSampled :

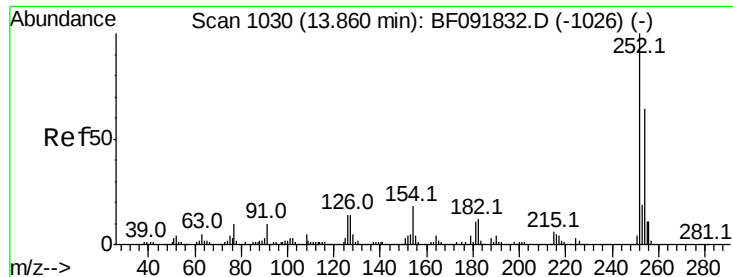
Tot Ion	Ratio	Lower	Upper
149	100		
91	62.6	63.9	95.9#
206	20.7	14.6	21.8



#80
 Benzo(a)anthracene
 Concen: 45.42 ng
 RT: 13.73 min Scan# 1036
 Delta R.T. -0.05 min
 Lab File: BF092205.D
 Acq: 12 Jan 2017 13:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.4	33.6
229	20.7	16.2	24.4

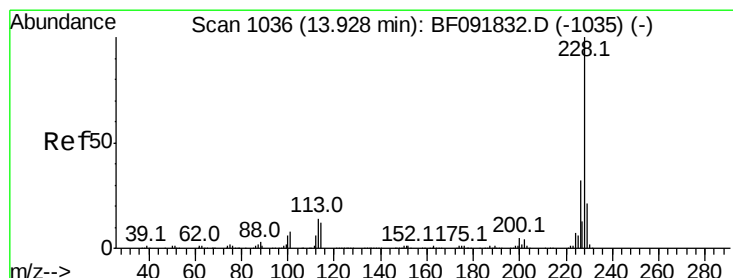
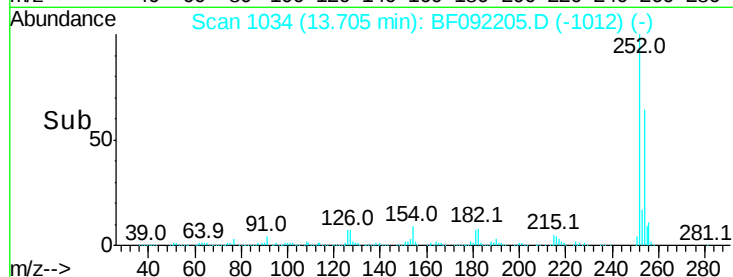
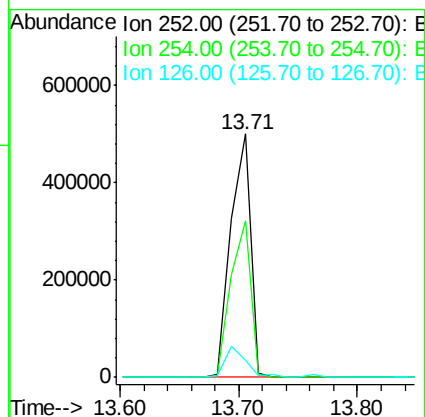
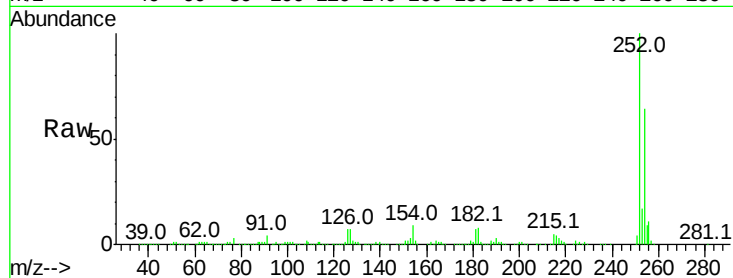




#81
 3,3'-Dichlorobenzidine
 Concen: 47.47 ng
 RT: 13.71 min Scan# 1034
 Delta R.T. -0.05 min
 Lab File: BF092205.D
 Acq: 12 Jan 2017 13:00

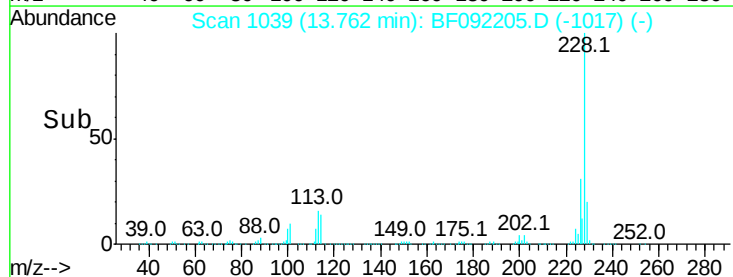
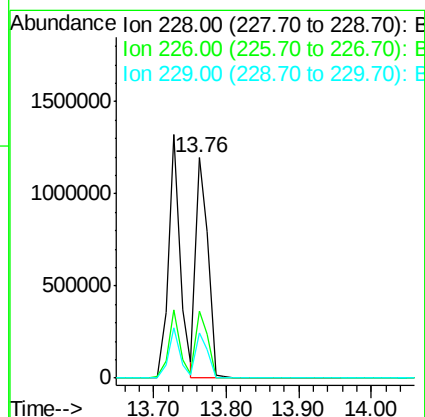
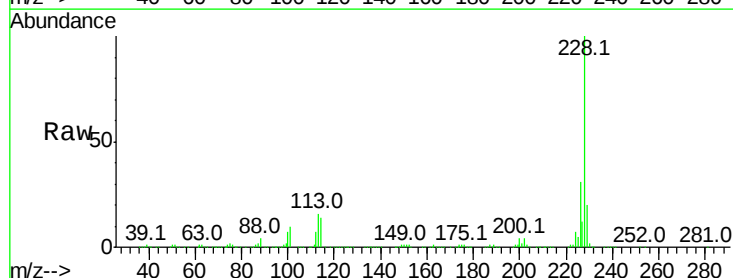
Instrument :
 BNA_F
 ClientSampleId :

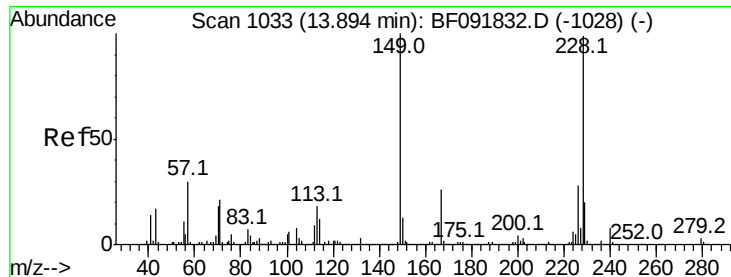
Tot Ion:252 Resp: 581551
 Ion Ratio Lower Upper
 252 100
 254 64.3 52.3 78.5
 126 7.0 13.6 20.4#



#82
 Chrysene
 Concen: 42.84 ng
 RT: 13.76 min Scan# 1039
 Delta R.T. -0.05 min
 Lab File: BF092205.D
 Acq: 12 Jan 2017 13:00

Tgt Ion:228 Resp: 1388230
 Ion Ratio Lower Upper
 228 100
 226 30.6 25.4 38.0
 229 20.5 16.2 24.2

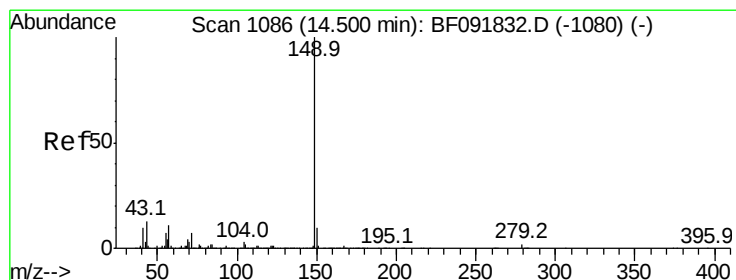
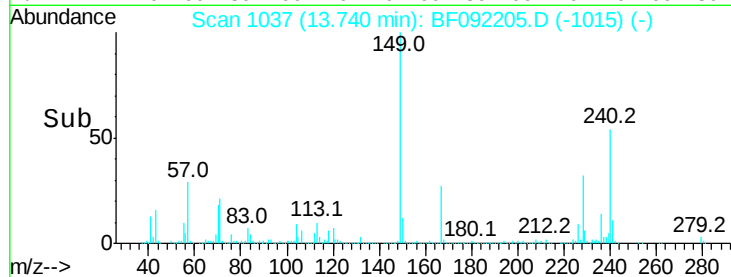
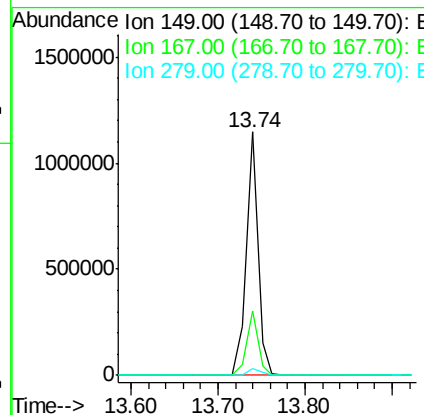
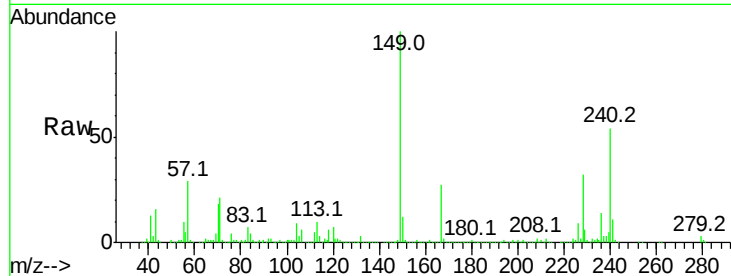




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.25 ng
 RT: 13.74 min Scan# 1037
 Delta R.T. -0.05 min
 Lab File: BF092205.D
 Acq: 12 Jan 2017 13:00

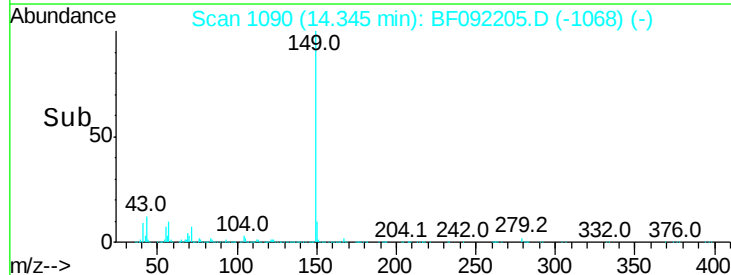
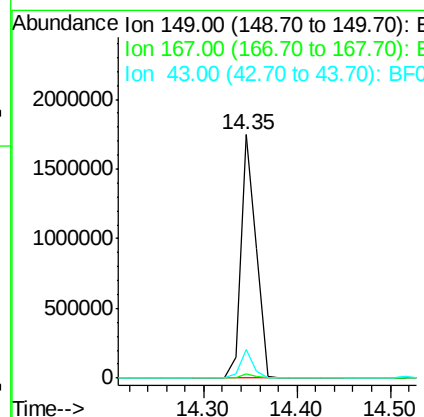
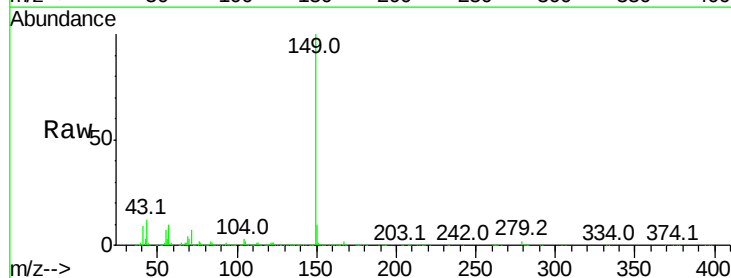
Instrument :
 BNA_F
 ClientSampleId :

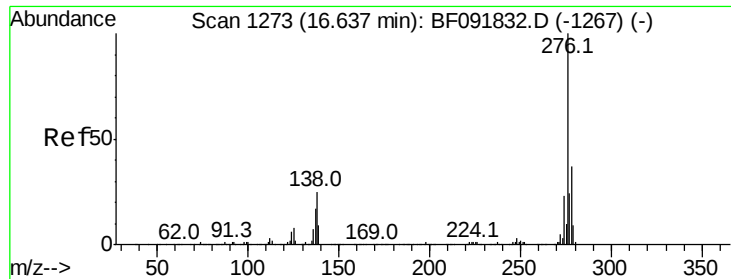
Tot Ion:149 Resp: 1062651
 Ion Ratio Lower Upper
 149 100
 167 26.6 20.2 30.4
 279 2.8 1.8 2.8#



#84
 Di-n-octyl phthalate
 Concen: 46.97 ng
 RT: 14.35 min Scan# 1090
 Delta R.T. -0.05 min
 Lab File: BF092205.D
 Acq: 12 Jan 2017 13:00

Tgt Ion:149 Resp: 1956825
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 10.5 8.9 13.3



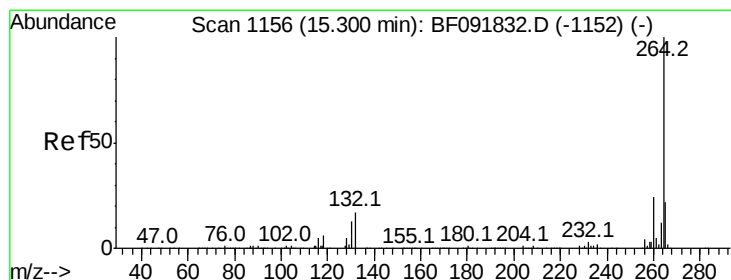
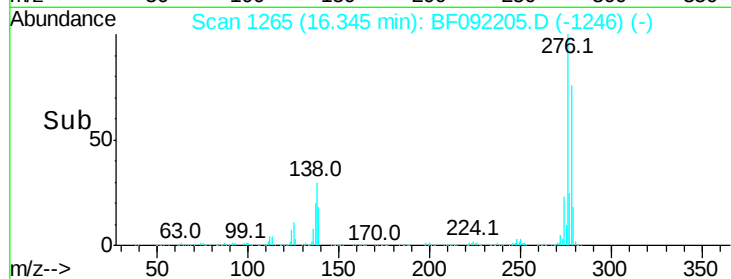
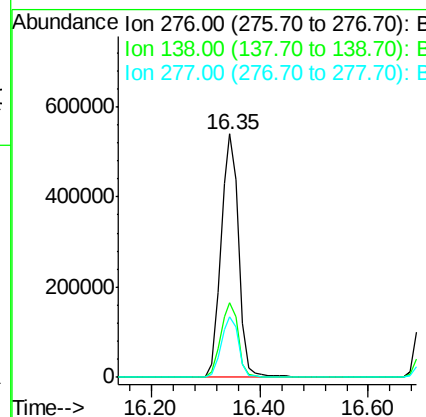
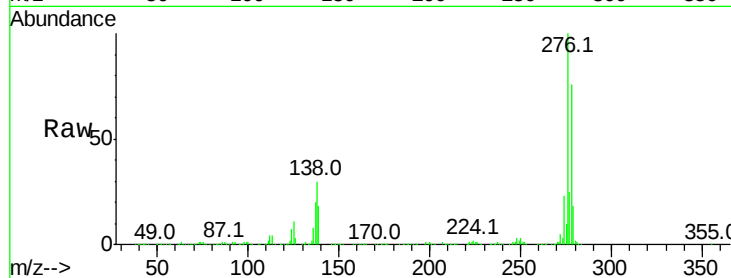


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.06 ng
 RT: 16.35 min Scan# 1265
 Delta R.T. -0.08 min
 Lab File: BF092205.D
 Acq: 12 Jan 2017 13:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 1236846

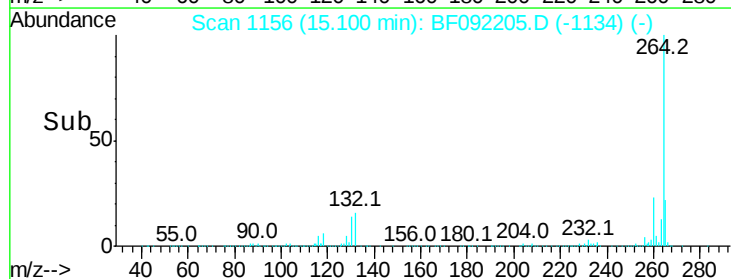
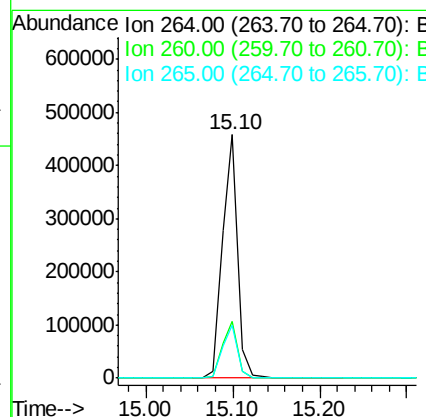
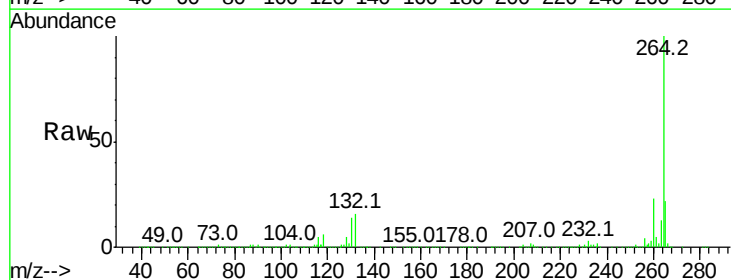
Ion	Ratio	Lower	Upper
276	100		
138	30.8	21.8	32.6
277	24.9	20.2	30.4

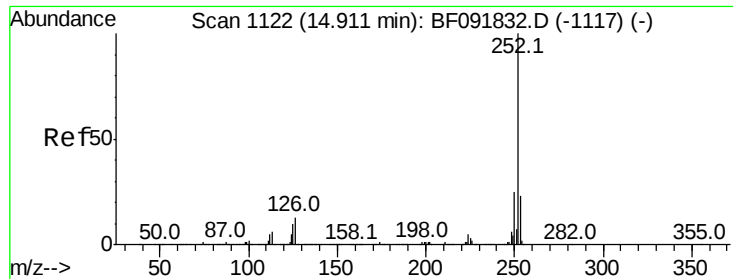


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.10 min Scan# 1156
 Delta R.T. -0.05 min
 Lab File: BF092205.D
 Acq: 12 Jan 2017 13:00

Tgt Ion:264 Resp: 561174

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.7	17.4	26.0

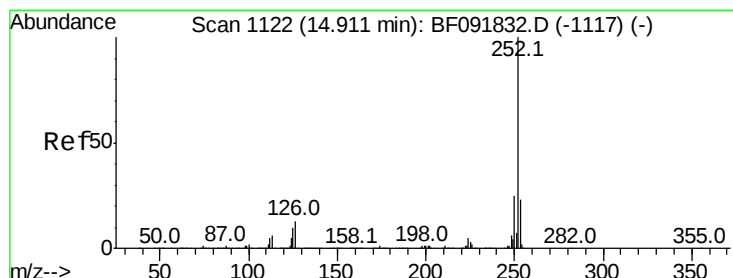
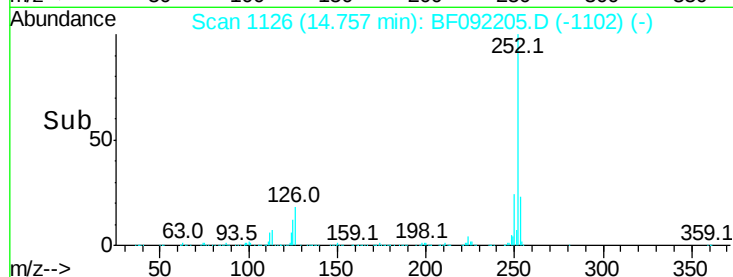
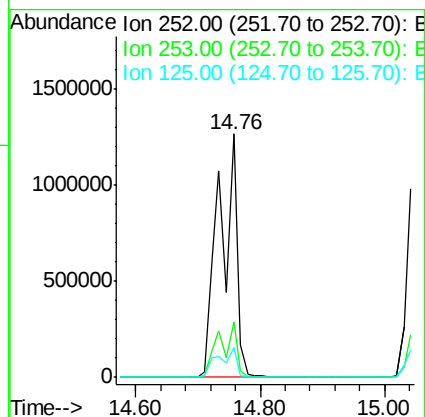
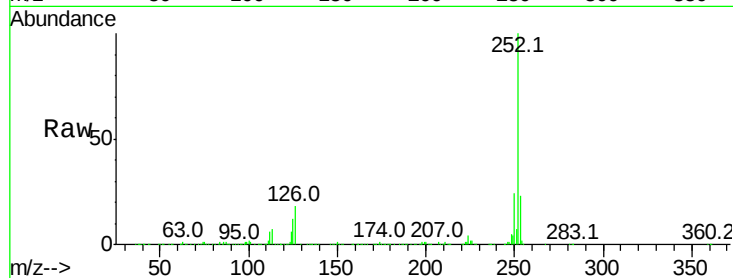




#87
Benzo(b)fluoranthene
Concen: 71.61 ng
RT: 14.76 min Scan# 1126
Delta R.T. -0.02 min
Lab File: BF092205.D
Acq: 12 Jan 2017 13:00

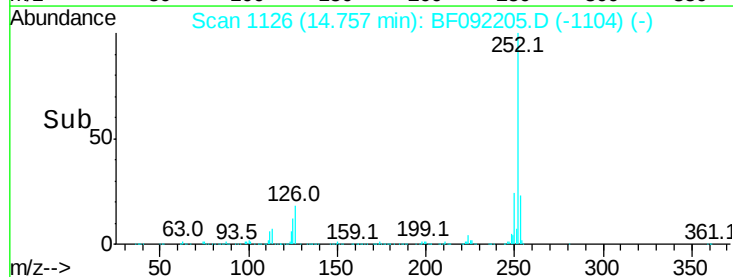
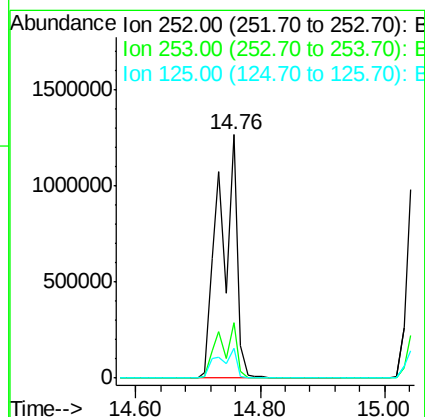
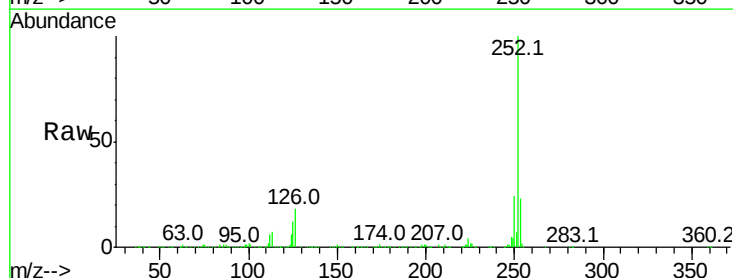
Instrument :
BNA_F
ClientSampleId :

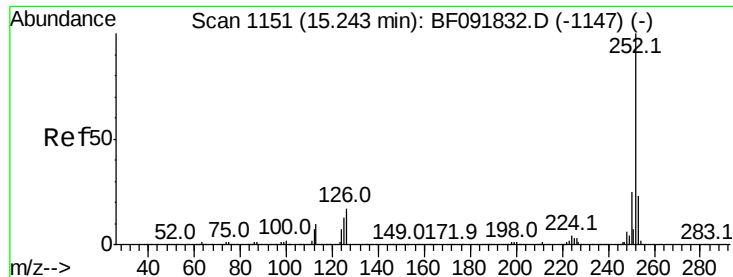
Tot Ion:252 Resp: 2502054
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.4
125 12.4 9.8 14.6



#88
Benzo(k)fluoranthene
Concen: 83.98 ng
RT: 14.76 min Scan# 1126
Delta R.T. -0.05 min
Lab File: BF092205.D
Acq: 12 Jan 2017 13:00

Tgt Ion:252 Resp: 2502054
Ion Ratio Lower Upper
252 100
253 22.7 18.5 27.7
125 12.4 8.9 13.3

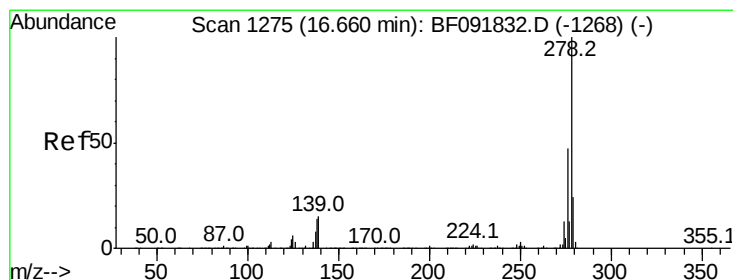
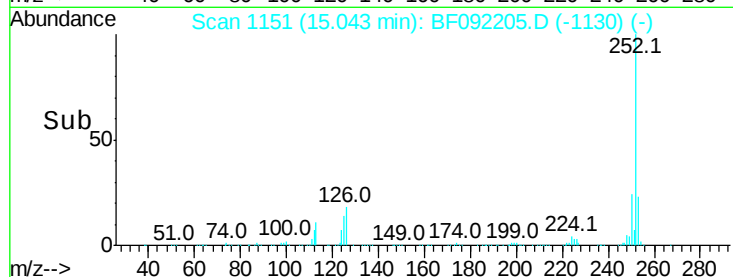
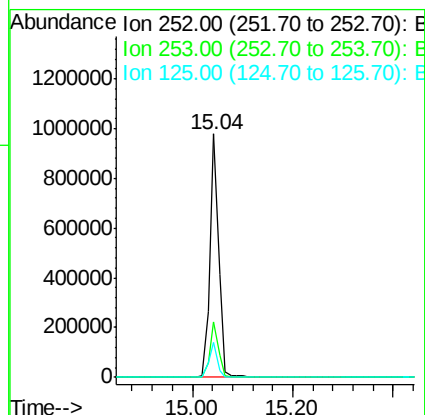
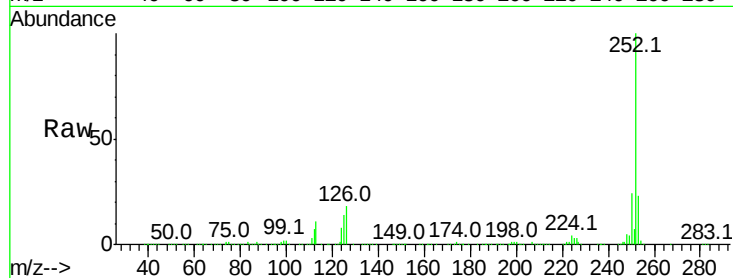




#89
Benzo(a)pyrene
Concen: 37.82 ng
RT: 15.04 min Scan# 1151
Delta R.T. -0.06 min
Lab File: BF092205.D
Acq: 12 Jan 2017 13:00

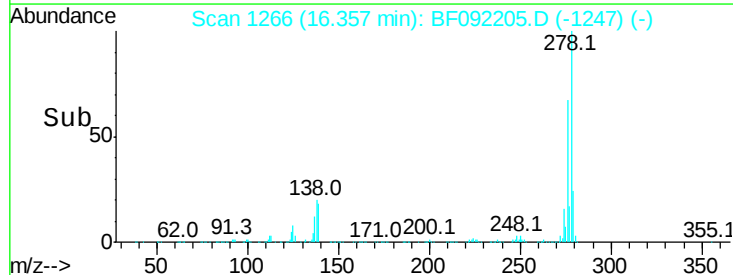
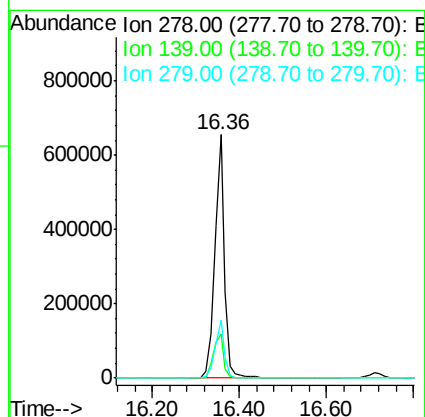
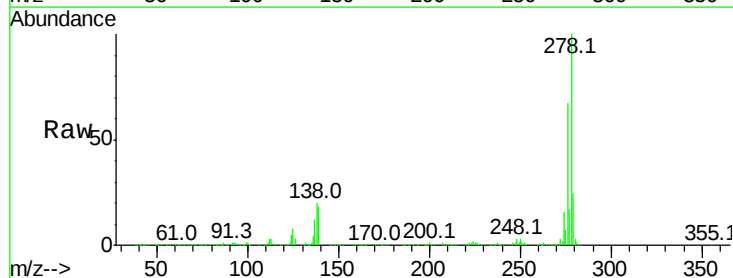
Instrument :
BNA_F
ClientSampleId :

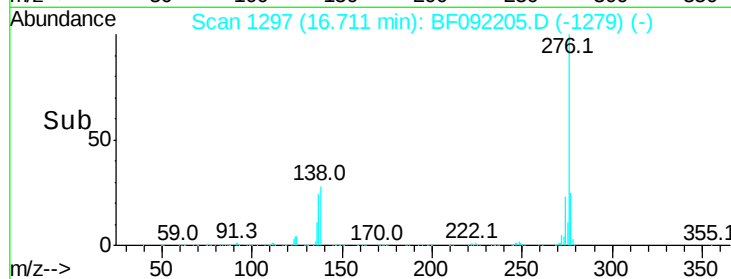
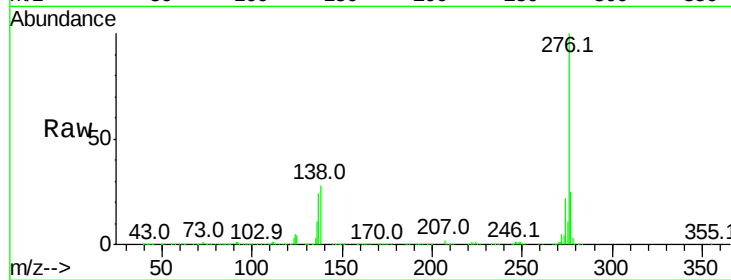
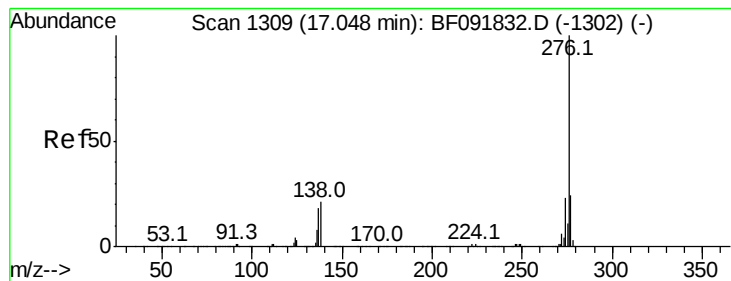
Tot Ion:252 Resp: 1172688
Ion Ratio Lower Upper
252 100
253 23.0 18.2 27.2
125 14.3 10.0 15.0



#90
Dibenzo(a,h)anthracene
Concen: 40.76 ng
RT: 16.36 min Scan# 1266
Delta R.T. -0.08 min
Lab File: BF092205.D
Acq: 12 Jan 2017 13:00

Tgt Ion:278 Resp: 1038970
Ion Ratio Lower Upper
278 100
139 18.2 14.8 22.2
279 23.9 19.8 29.6





#91

Benzo(a,h,i)perylene

Concen: 41.97 ng

RT: 16.71 min Scan# 1297

Delta R.T. -0.09 min

Lab File: BF092205.D

Acq: 12 Jan 2017 13:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 1112254

Ion Ratio Lower Upper

276 100

277 24.6 19.2 28.8

138 28.3 16.0 24.0#

