

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011217\
 Data File : BF092208.D
 Acq On : 12 Jan 2017 15:17
 Operator : UM/SJ
 Sample : I1029-03MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 12 16:08:34 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	196434	20.00	ng	-0.05
21) Naphthalene-d8	7.89	136	665994	20.00	ng	-0.05
38) Acenaphthene-d10	9.64	164	359292	20.00	ng	-0.05
63) Phenanthrene-d10	11.11	188	589419	20.00	ng	-0.05
75) Chrysene-d12	13.74	240	388516	20.00	ng	-0.05
86) Perylene-d12	15.09	264	328507	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1158568	98.48	ng	-0.03
7) Phenol-d6	6.26	99	1297568	90.34	ng	-0.05
23) Nitrobenzene-d5	7.17	82	727382	60.73	ng	-0.05
41) 2,4,6-Tribromophenol	10.42	330	294556	99.06	ng	-0.05
44) 2-Fluorobiphenyl	8.96	172	1178604	64.03	ng	-0.05
78) Terphenyl-d14	12.69	244	1150534	71.82	ng	-0.06

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.09	88	139757	24.13	ng	92
3) Pyridine	2.74	79	149921	7.42	ng	98
4) n-Nitrosodimethylamine	2.68	42	174000	22.82	ng	99
6) Aniline	6.25	93	327474	17.55	ng	# 50
8) 2-Chlorophenol	6.39	128	403447	30.15	ng	88
9) Benzaldehyde	6.14	77	28321	2.41	ng	97
10) Phenol	6.28	94	626797	38.30	ng	# 71
11) bis(2-Chloroethyl)ether	6.34	93	426544	32.75	ng	94
12) 1,3-Dichlorobenzene	6.77	146	416776	29.17	ng	96
13) 1,4-Dichlorobenzene	6.61	146	423069	29.10	ng	99
14) 1,2-Dichlorobenzene	6.77	146	417132	33.06	ng	98
15) Benzyl Alcohol	6.76	79	364192	32.63	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.89	45	611625	31.54	ng	69
17) 2-Methylphenol	6.88	107	352143	32.72	ng	94
18) Hexachloroethane	7.11	117	148800	27.60	ng	90
19) n-Nitroso-di-n-propylamine	7.02	70	310299	32.47	ng	98
20) 3+4-Methylphenols	7.04	107	461619	35.96	ng	# 70
22) Acetophenone	7.02	105	635110	38.66	ng	# 88
24) Nitrobenzene	7.19	77	389761	30.55	ng	# 85
25) Isophorone	7.43	82	717867	32.49	ng	97
26) 2-Nitrophenol	7.51	139	189090	30.06	ng	# 80
27) 2,4-Dimethylphenol	7.57	122	315999	30.29	ng	95
28) bis(2-Chloroethoxy)methane	7.65	93	452743	33.79	ng	99
29) 2,4-Dichlorophenol	7.76	162	292864	33.15	ng	95
30) 1,2,4-Trichlorobenzene	7.83	180	310057	32.03	ng	97
31) Naphthalene	7.90	128	965729	31.68	ng	99
32) Benzoic acid	7.67	122	27158	3.51	ng	94
33) 4-Chloroaniline	7.97	127	329988	24.01	ng	95
34) Hexachlorobutadiene	8.02	225	155761	30.48	ng	99
35) Caprolactam	8.33	113	38390	13.22	ng	# 80
36) 4-Chloro-3-methylphenol	8.47	107	333376	32.79	ng	93
37) 2-Methylnaphthalene	8.60	142	649713	31.75	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.77	216	294851	32.48	ng	99
40) Hexachlorocyclopentadiene	8.76	237	180988	46.52	ng	99

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 ALS Vial : 5 Sample Multiplier: 1

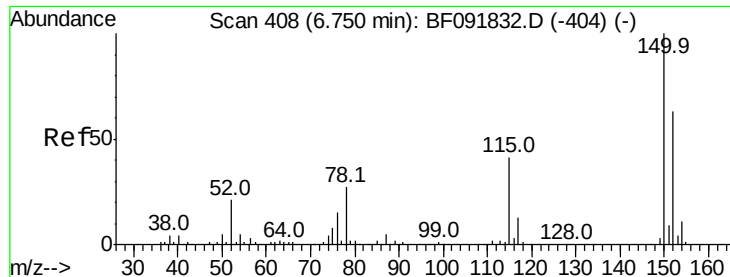
Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 12 16:08:34 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	8.88	196	186824	29.43	nq	94
43) 2,4,5-Trichlorophenol	8.94	196	189027	28.93	nq	# 88
45) 1,1'-Biphenyl	9.06	154	847843	34.46	nq	98
46) 2-Chloronaphthalene	9.09	162	626921	32.18	nq	96
47) 2-Nitroaniline	9.19	65	219544	31.65	nq	90
48) Acenaphthylene	9.50	152	968974	32.34	nq	98
49) Dimethylphthalate	9.37	163	885340	38.53	nq	99
50) 2,6-Dinitrotoluene	9.43	165	153604	30.54	nq	# 73
51) Acenaphthene	9.67	154	603815	29.72	nq	99
52) 3-Nitroaniline	9.60	138	175780	28.24	nq	90
53) 2,4-Dinitrophenol	9.72	184	96999	34.66	nq	# 74
54) Dibenzofuran	9.84	168	844803	30.80	nq	94
55) 4-Nitrophenol	9.80	139	221646	52.44	nq	92
56) 2,4-Dinitrotoluene	9.84	165	213268	33.78	nq	87
57) Fluorene	10.17	166	636044	31.87	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.97	232	169806	32.86	nq	97
59) Diethylphthalate	10.07	149	755611	33.86	nq	98
60) 4-Chlorophenyl-phenylether	10.17	204	285408	32.66	nq	97
61) 4-Nitroaniline	10.21	138	170574	26.44	nq	97
62) Azobenzene	10.33	77	826766	33.65	nq	97
64) 4,6-Dinitro-2-methylphenol	10.25	198	100517	28.20	nq	96
65) n-Nitrosodiphenylamine	10.30	169	623591	35.65	nq	99
66) 4-Bromophenyl-phenylether	10.66	248	204199	33.30	nq	# 83
67) Hexachlorobenzene	10.72	284	193845	29.58	nq	# 77
68) Atrazine	10.84	200	209303	37.10	nq	96
69) Pentachlorophenol	10.93	266	163334	50.79	nq	99
70) Phenanthrene	11.13	178	987642	30.90	nq	99
71) Anthracene	11.19	178	1037548	33.65	nq	97
72) Carbazole	11.35	167	979951	33.40	nq	97
73) Di-n-butylphthalate	11.68	149	1100665	35.48	nq	99
74) Fluoranthene	12.31	202	958055	33.16	nq	99
77) Pyrene	12.54	202	991624	34.79	nq	98
79) Butylbenzylphthalate	13.18	149	469073	36.18	nq	# 75
80) Benzo(a)anthracene	13.73	228	822905	37.52	nq	100
81) 3,3'-Dichlorobenzidine	13.69	252	226747	27.27	nq	98
82) Chrysene	13.76	228	604218	27.47	nq	99
83) Bis(2-ethylhexyl)phthalate	13.74	149	615832	40.33	nq	# 97
84) Di-n-octyl phthalate	14.35	149	980026	34.65	nq	98
85) Indeno(1,2,3-cd)pyrene	16.35	276	631002	33.11	nq	99
87) Benzo(b)fluoranthene	14.76	252	1255258	61.37	nq	# 95
88) Benzo(k)fluoranthene	14.76	252	1255258	71.97	nq	# 96
89) Benzo(a)pyrene	15.04	252	581943	32.06	nq	97
90) Dibenzo(a,h)anthracene	16.35	278	521123	34.93	nq	99
91) Benzo(g,h,i)perylene	16.71	276	542665	34.98	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 412

Delta R.T. -0.05 min

Lab File: BF092208.D

Acq: 12 Jan 2017 15:17

Instrument :

BNA_F

ClientSampled :

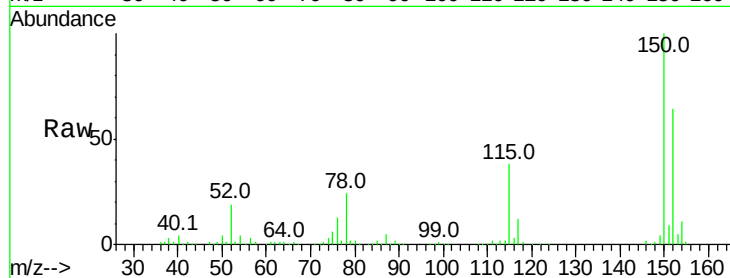
Tot Ion:152 Resp: 196434

Ion Ratio Lower Upper

152 100

150 155.5 124.9 187.3

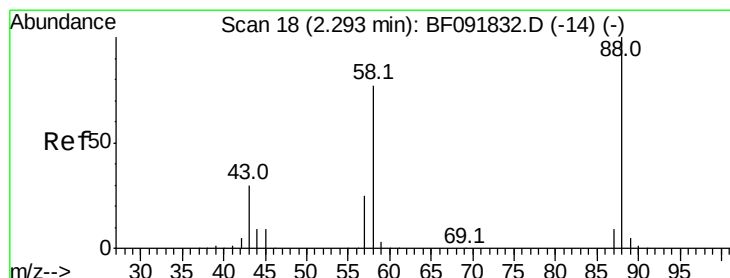
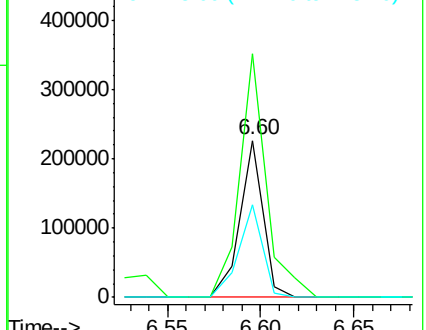
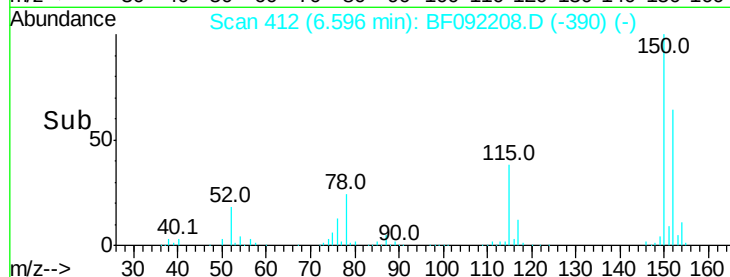
115 59.1 46.0 69.0



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: 24.13 ng

RT: 2.09 min Scan# 18

Delta R.T. 0.01 min

Lab File: BF092208.D

Acq: 12 Jan 2017 15:17

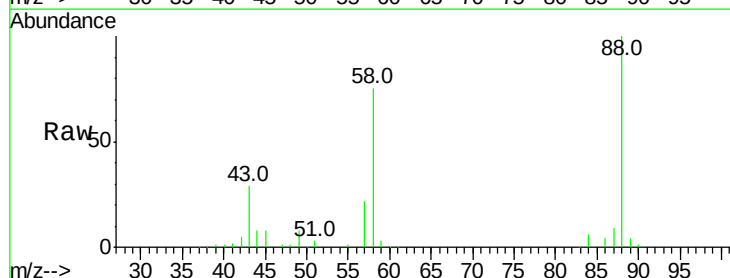
Tgt Ion: 88 Resp: 139757

Ion Ratio Lower Upper

88 100

58 78.4 57.8 86.8

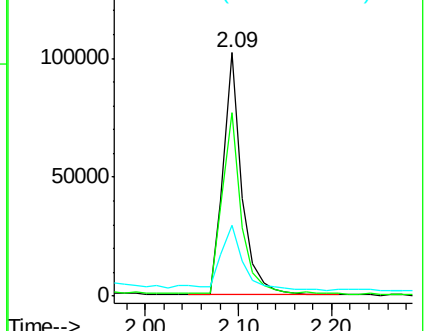
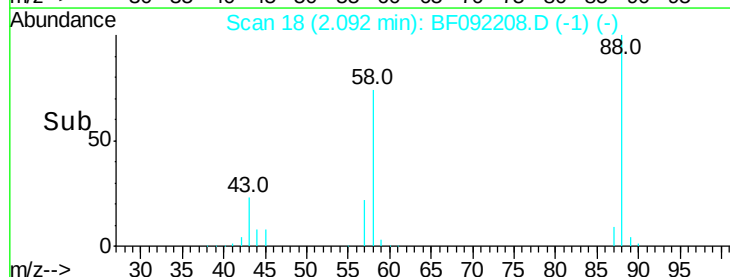
43 32.3 22.3 33.5

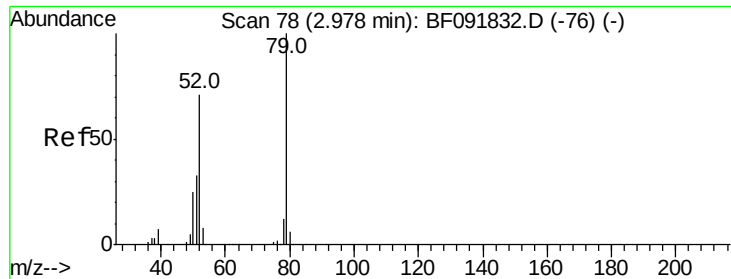


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

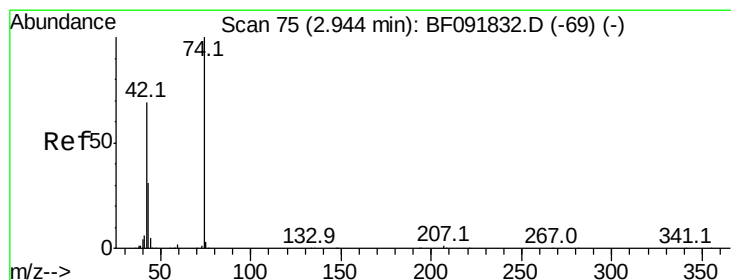
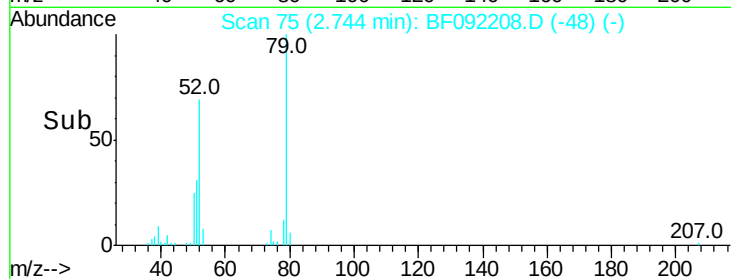
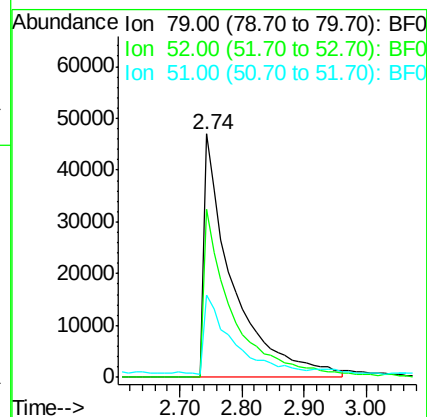
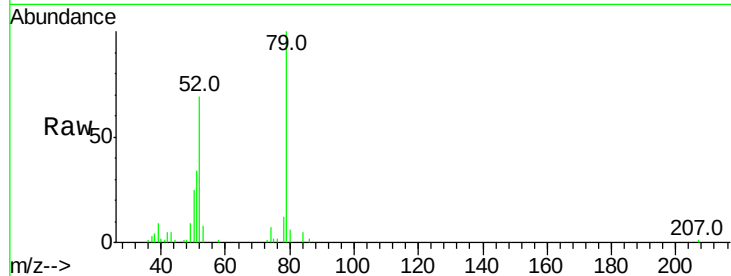




#3
 Pvridine
 Concen: 7.42 ng
 RT: 2.74 min Scan# 75
 Delta R.T. 0.01 min
 Lab File: BF092208.D
 Acq: 12 Jan 2017 15:17

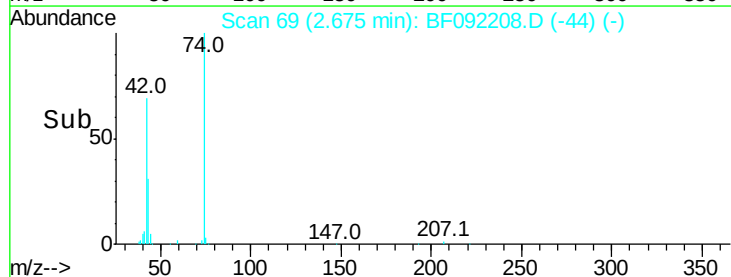
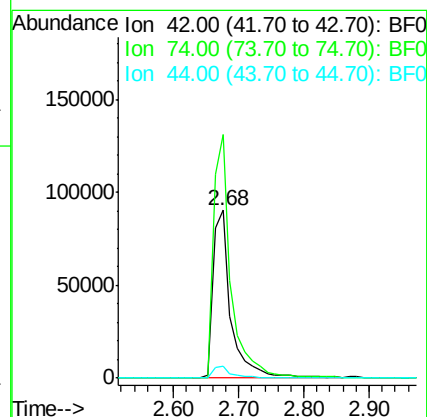
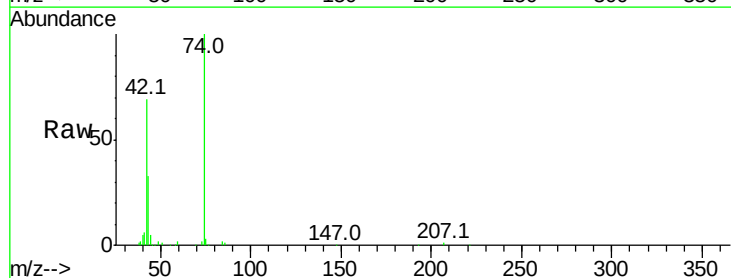
Instrument :
 BNA_F
 ClientSampleId :

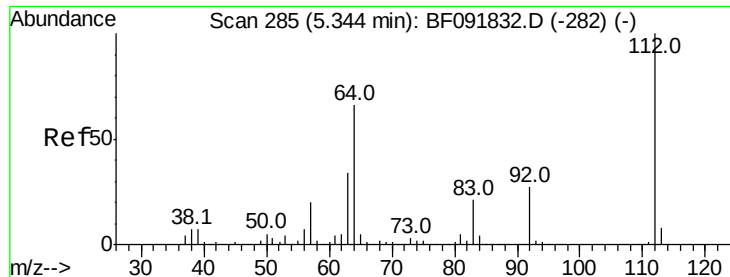
Tot Ion: 79 Resp: 149921
 Ion Ratio Lower Upper
 79 100
 52 69.2 57.1 85.7
 51 33.6 27.3 40.9



#4
 n-Nitrosodimethylamine
 Concen: 22.82 ng
 RT: 2.68 min Scan# 69
 Delta R.T. -0.01 min
 Lab File: BF092208.D
 Acq: 12 Jan 2017 15:17

Tgt Ion: 42 Resp: 174000
 Ion Ratio Lower Upper
 42 100
 74 145.1 117.0 175.4
 44 7.1 5.5 8.3





#5

2-Fluorophenol

Concen: 98.48 ng

RT: 5.20 min Scan# 290

Delta R.T. -0.03 min

Lab File: BF092208.D

Acq: 12 Jan 2017 15:17

Instrument :
BNA_F
ClientSampled :

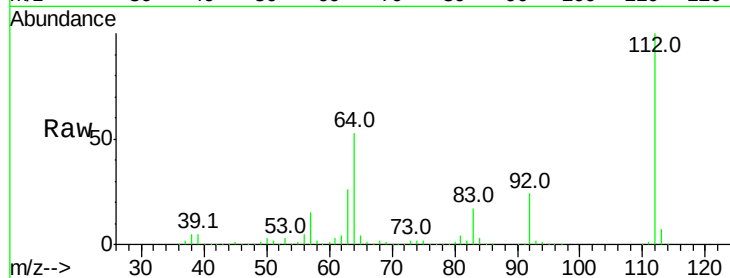
Tot Ion:112 Resp: 1158568

Ion Ratio Lower Upper

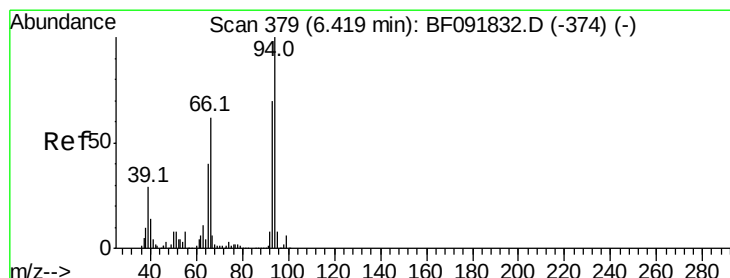
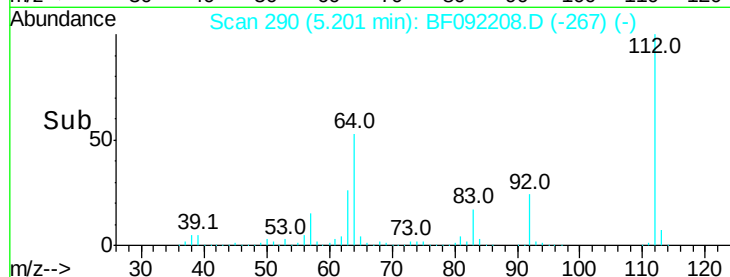
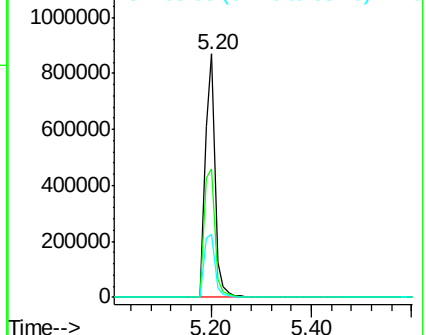
112 100

64 52.9 46.1 69.1

63 25.9 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: 17.55 ng

RT: 6.25 min Scan# 382

Delta R.T. -0.06 min

Lab File: BF092208.D

Acq: 12 Jan 2017 15:17

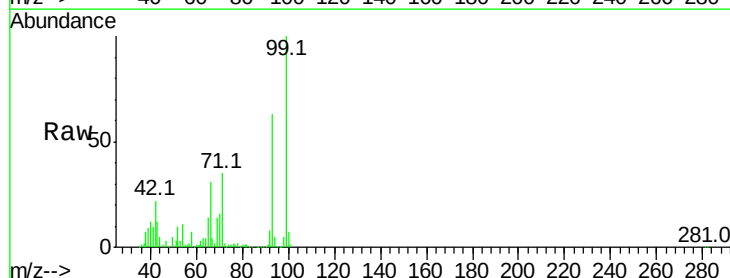
Tgt Ion: 93 Resp: 327474

Ion Ratio Lower Upper

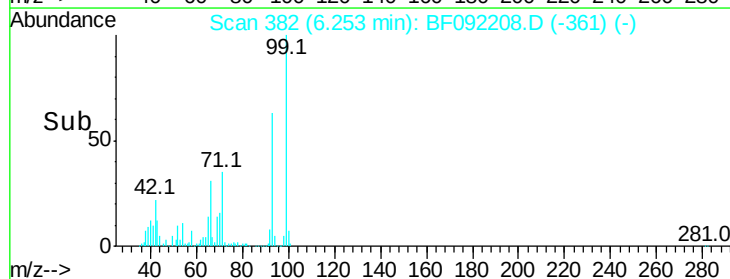
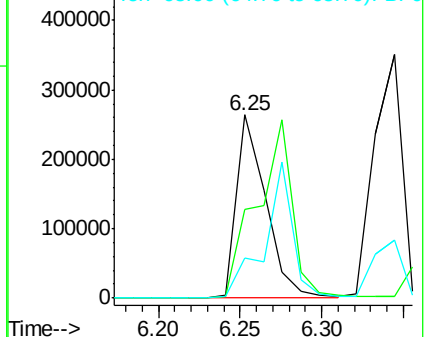
93 100

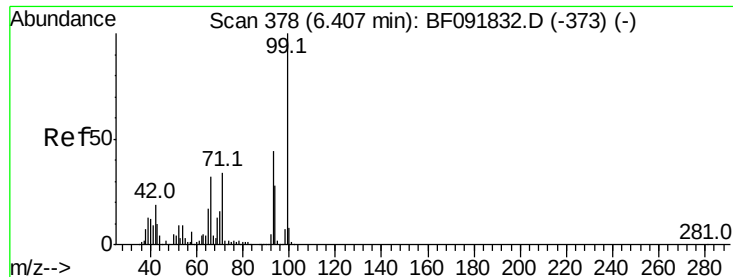
66 48.5 76.2 114.2#

65 21.9 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: 90.34 ng

RT: 6.26 min Scan# 383

Delta R.T. -0.05 min

Lab File: BF092208.D

Acq: 12 Jan 2017 15:17

Instrument :

BNA_F

ClientSampleId :

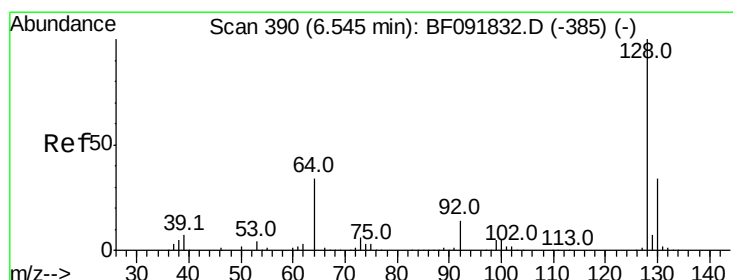
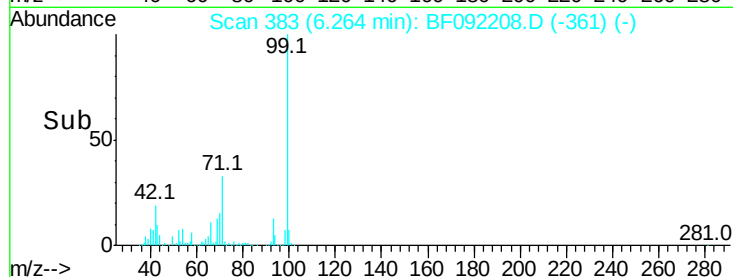
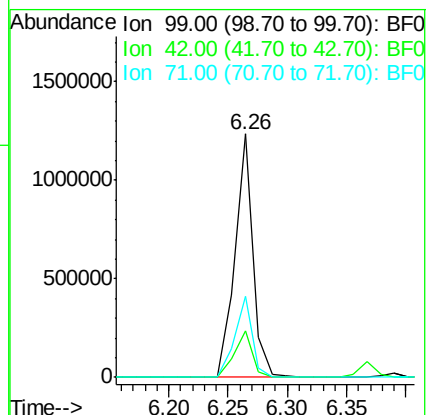
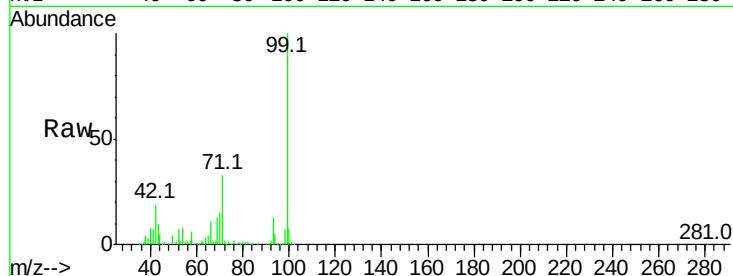
Tot Ion: 99 Resp: 1297568

Ion Ratio Lower Upper

99 100

42 19.0 15.6 23.4

71 33.1 27.5 41.3



#8

2-Chlorophenol

Concen: 30.15 ng

RT: 6.39 min Scan# 394

Delta R.T. -0.05 min

Lab File: BF092208.D

Acq: 12 Jan 2017 15:17

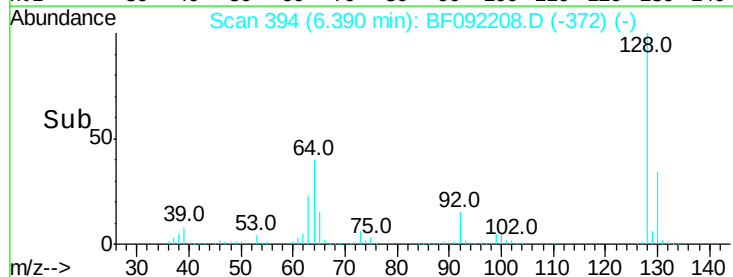
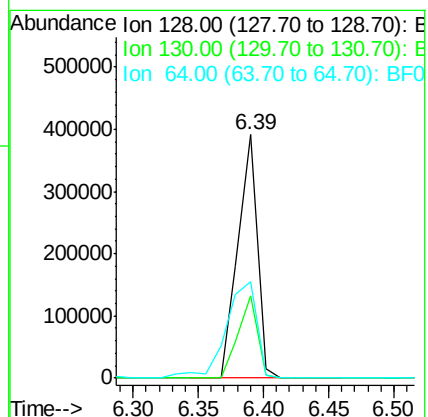
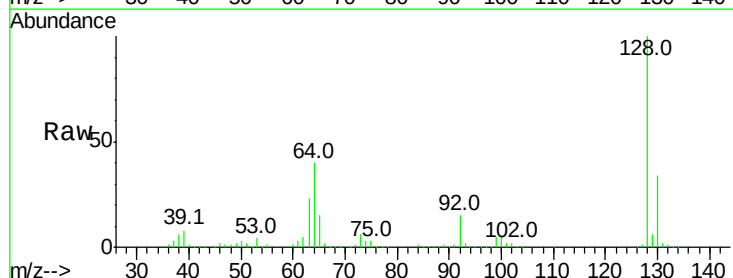
Tgt Ion: 128 Resp: 403447

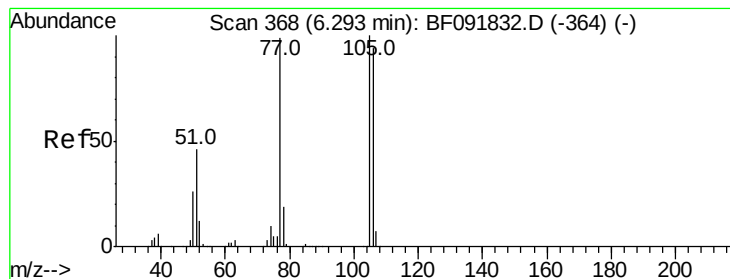
Ion Ratio Lower Upper

128 100

130 33.8 12.3 52.3

64 39.7 32.2 72.2





#9

Benzaldehyde

Concen: 2.41 ng

RT: 6.14 min Scan# 372

Delta R.T. -0.05 min

Lab File: BF092208.D

Acq: 12 Jan 2017 15:17

Instrument :

BNA_F

ClientSampled :

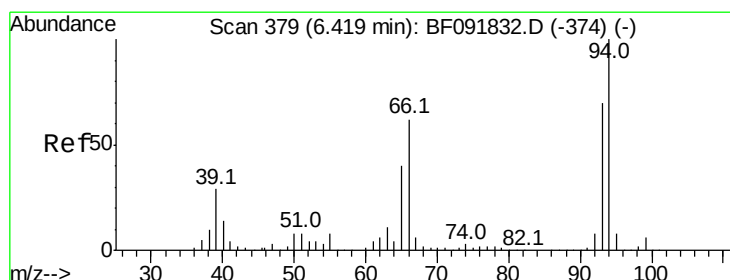
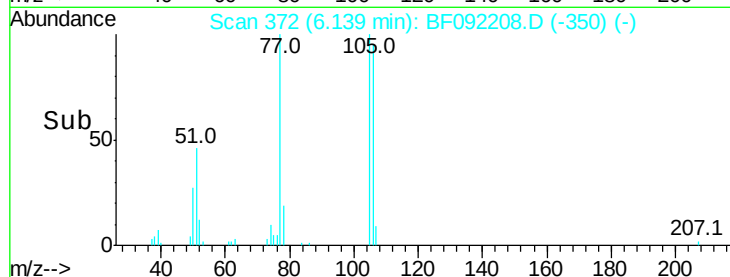
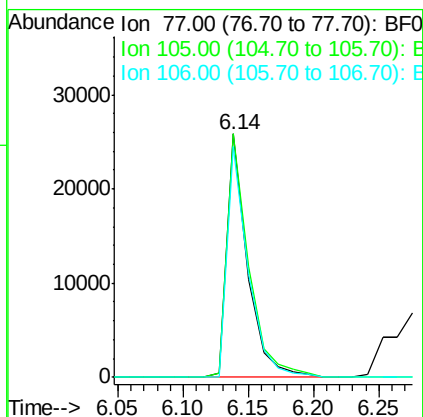
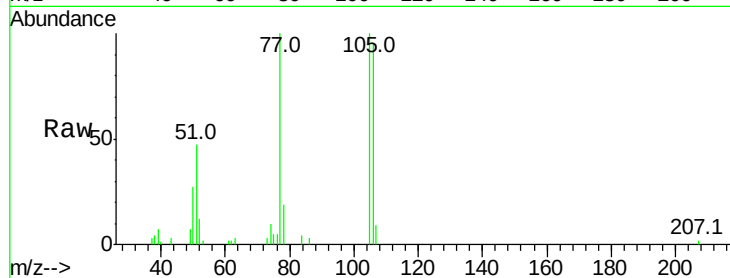
Tot Ion: 77 Resp: 28321

Ion Ratio Lower Upper

77 100

105 99.8 83.9 123.9

106 95.0 77.6 117.6



#10

Phenol

Concen: 38.30 ng

RT: 6.28 min Scan# 384

Delta R.T. -0.05 min

Lab File: BF092208.D

Acq: 12 Jan 2017 15:17

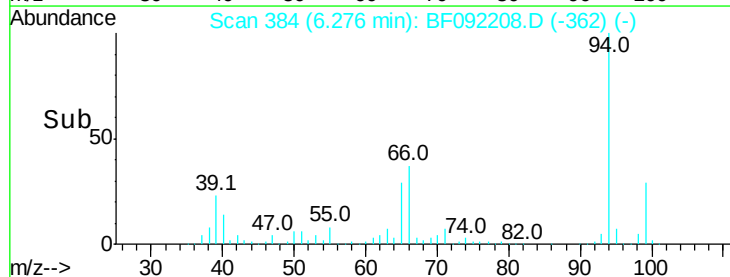
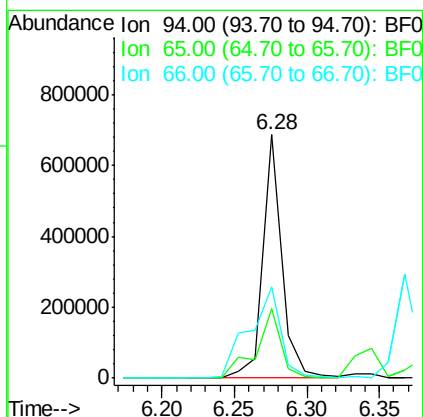
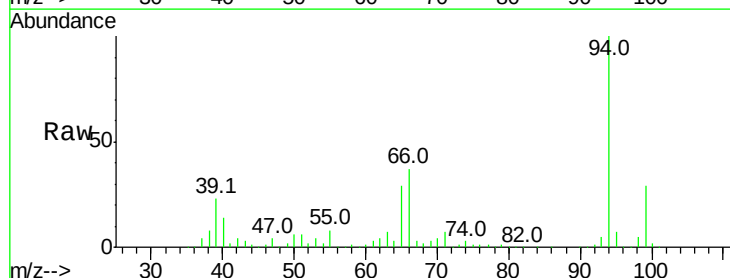
Tgt Ion: 94 Resp: 626797

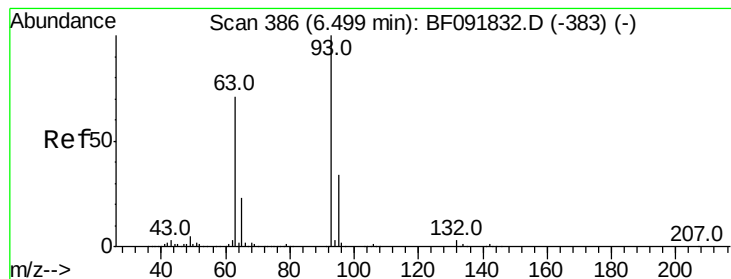
Ion Ratio Lower Upper

94 100

65 28.5 21.4 61.4

66 37.3 44.0 84.0#





#11

bis(2-Chloroethyl)ether

Concen: 32.75 ng

RT: 6.34 min Scan# 390

Delta R.T. -0.05 min

Lab File: BF092208.D

Acq: 12 Jan 2017 15:17

Instrument :

BNA_F

ClientSampleId :

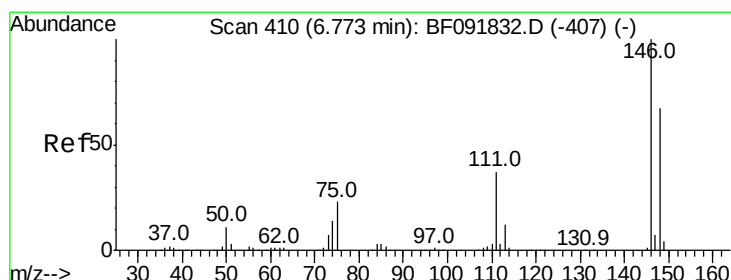
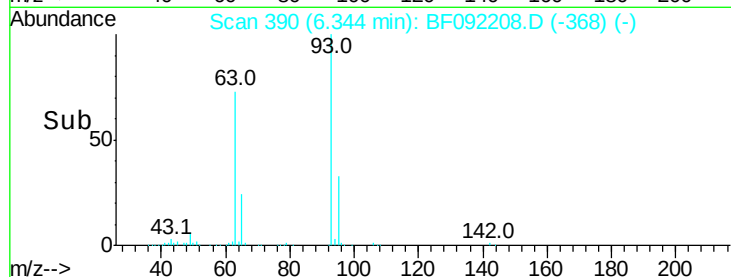
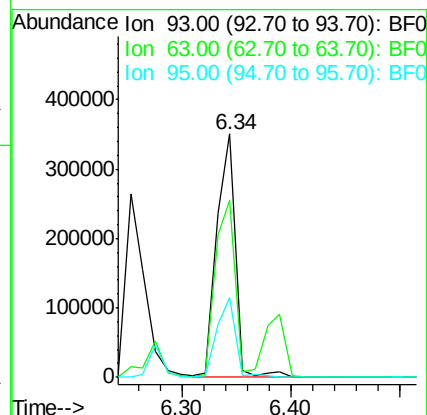
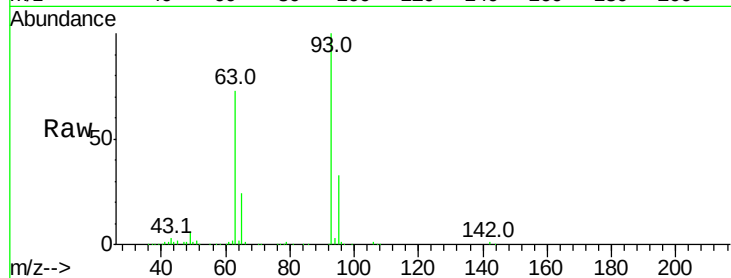
Tot Ion: 93 Resp: 426544

Ion Ratio Lower Upper

93 100

63 72.9 60.4 100.4

95 32.5 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 29.17 ng

RT: 6.77 min Scan# 427

Delta R.T. 0.18 min

Lab File: BF092208.D

Acq: 12 Jan 2017 15:17

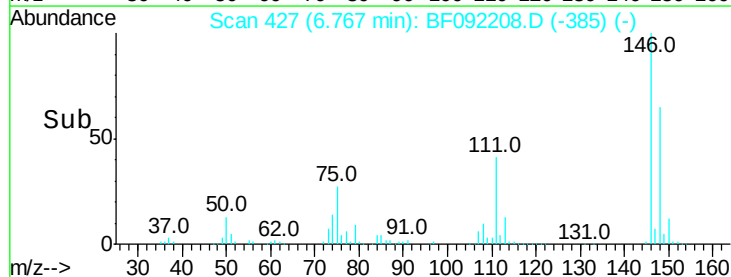
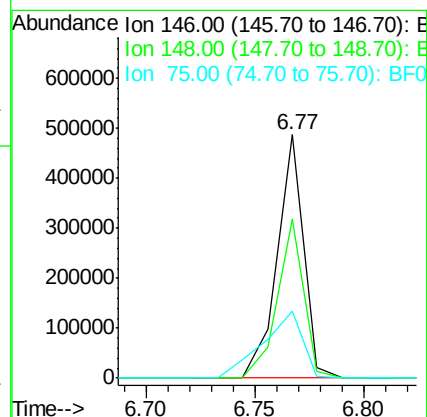
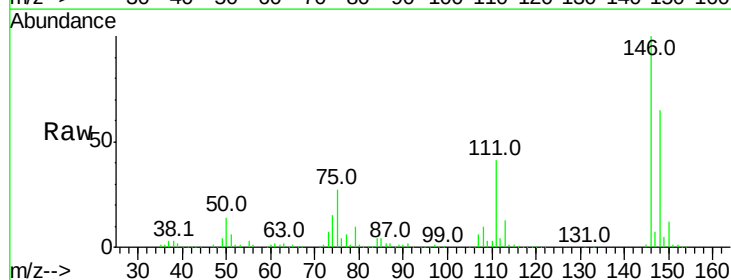
Tgt Ion: 146 Resp: 416776

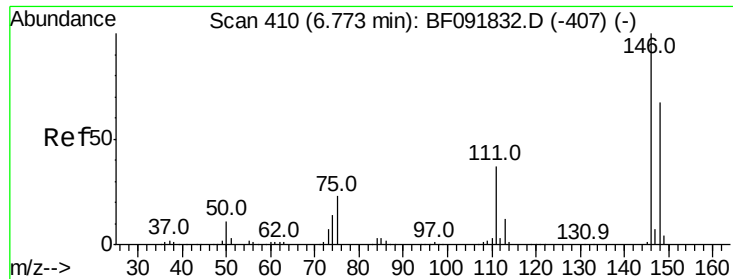
Ion Ratio Lower Upper

146 100

148 65.1 53.4 80.0

75 27.4 18.5 27.7

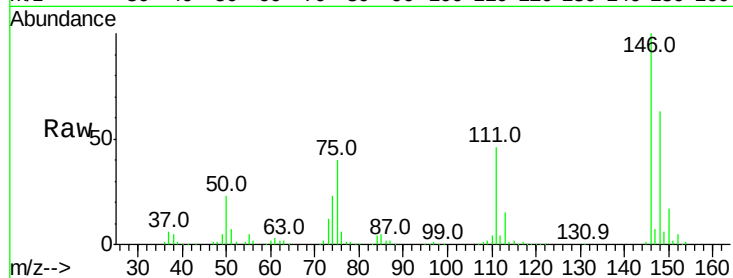




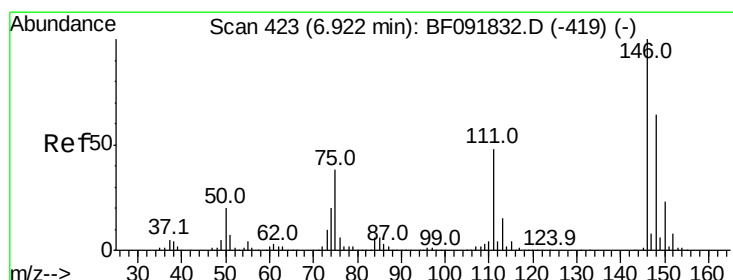
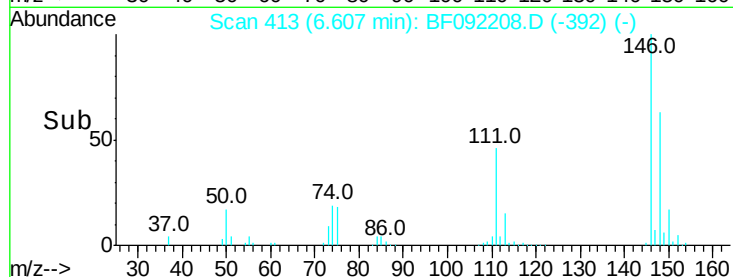
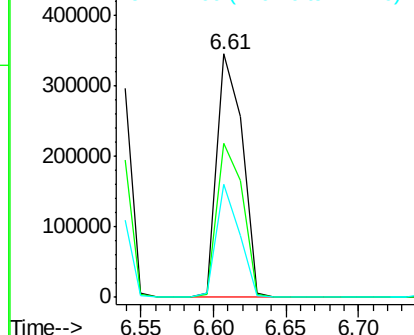
#13
 1,4-Dichlorobenzene
 Concen: 29.10 ng
 RT: 6.61 min Scan# 413
 Delta R.T. -0.06 min
 Lab File: BF092208.D
 Acq: 12 Jan 2017 15:17

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 423069
 Ion Ratio Lower Upper
 146 100
 148 63.0 50.6 76.0
 111 46.5 36.2 54.4

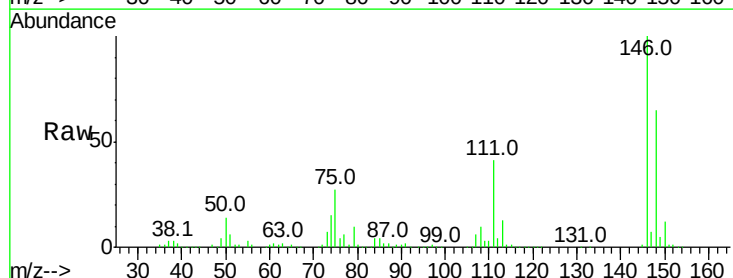


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

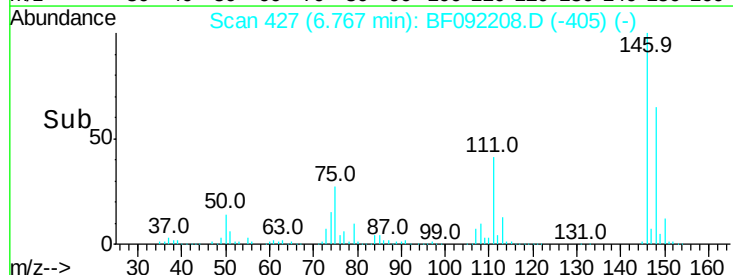
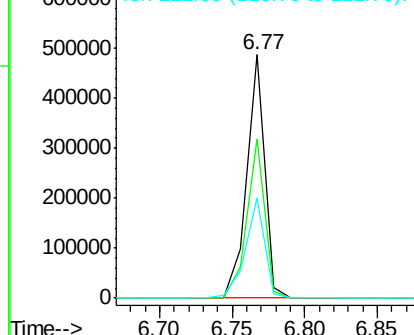


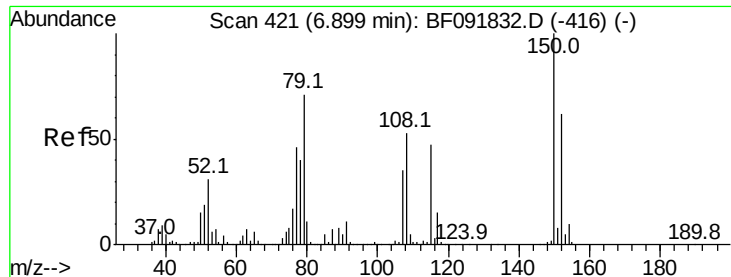
#14
 1,2-Dichlorobenzene
 Concen: 33.06 ng
 RT: 6.77 min Scan# 427
 Delta R.T. -0.05 min
 Lab File: BF092208.D
 Acq: 12 Jan 2017 15:17

Tgt Ion:146 Resp: 417132
 Ion Ratio Lower Upper
 146 100
 148 65.1 52.2 78.2
 111 41.4 36.2 54.2



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





#15

Benzyl Alcohol

Concen: 32.63 ng

RT: 6.76 min Scan# 426

Delta R.T. -0.05 min

Lab File: BF092208.D

Acq: 12 Jan 2017 15:17

Instrument :
BNA_F
ClientSampled :

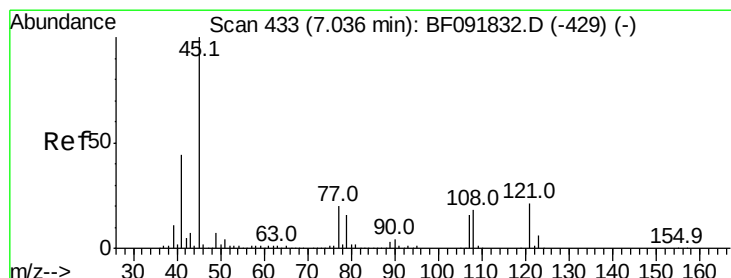
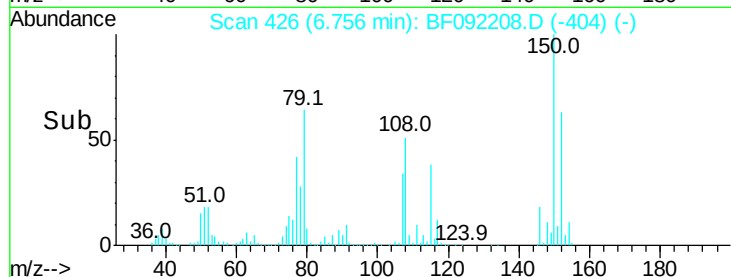
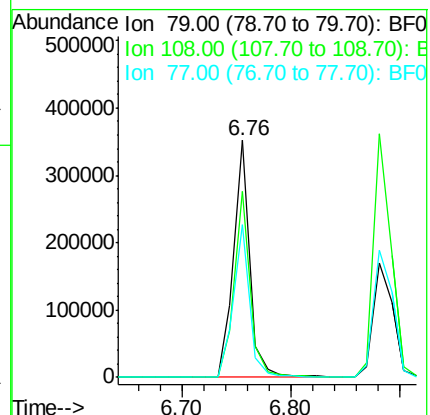
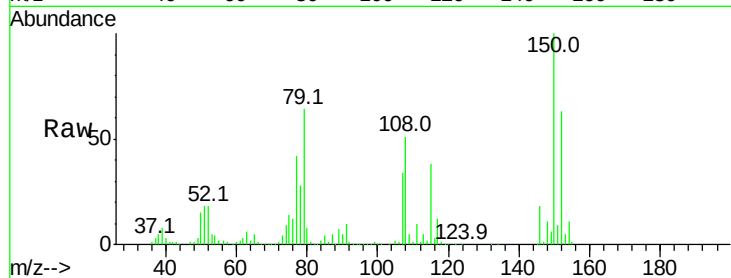
Tot Ion: 79 Resp: 364192

Ion Ratio Lower Upper

79 100

108 78.5 61.4 92.0

77 64.5 50.9 76.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.54 ng

RT: 6.89 min Scan# 438

Delta R.T. -0.05 min

Lab File: BF092208.D

Acq: 12 Jan 2017 15:17

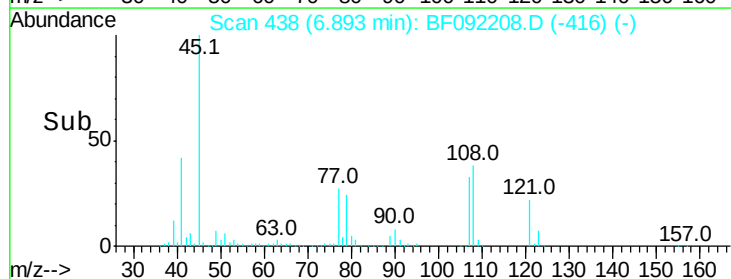
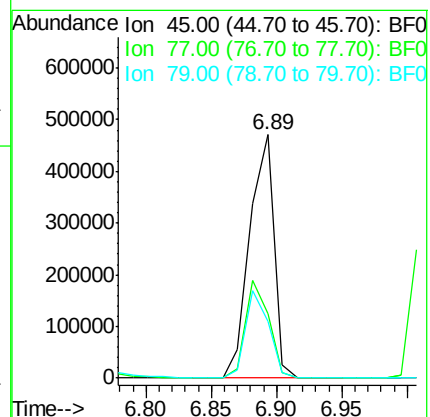
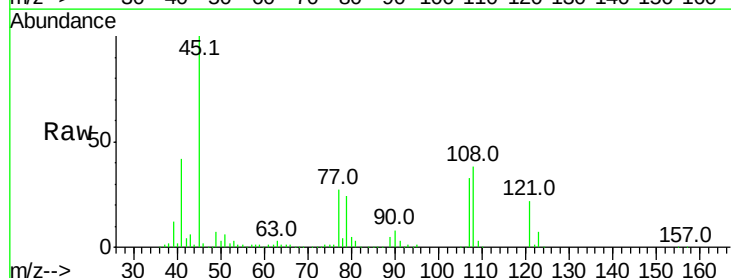
Tgt Ion: 45 Resp: 611625

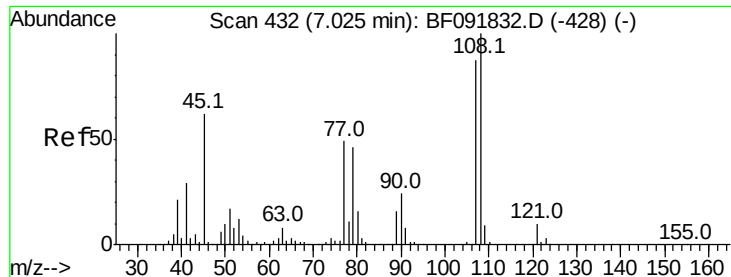
Ion Ratio Lower Upper

45 100

77 26.7 0.0 34.6

79 23.6 0.0 31.2

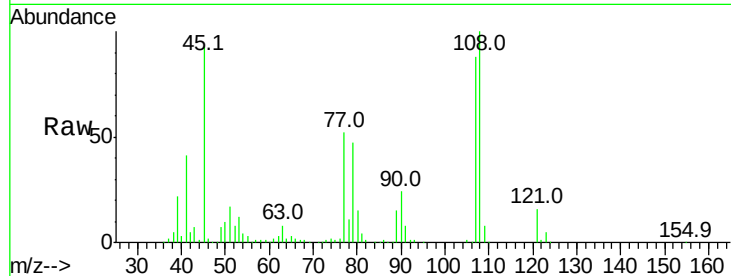




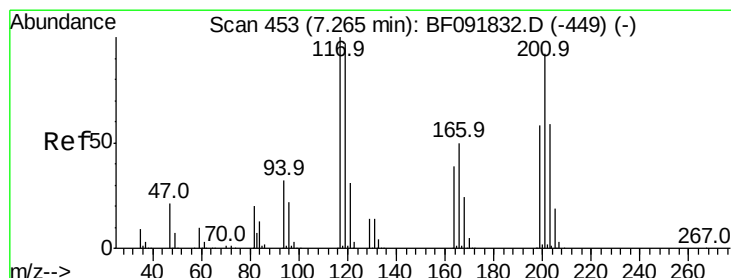
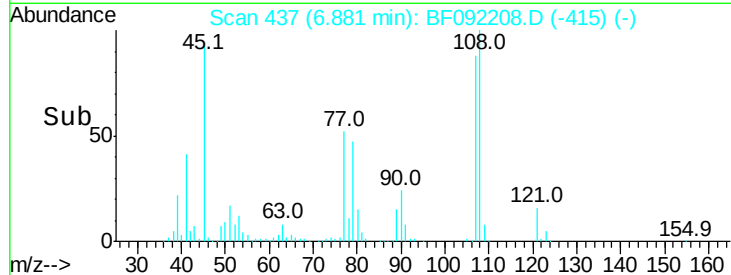
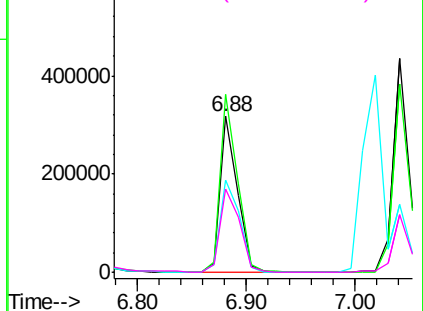
#17
2-Methylphenol
Concen: 32.72 ng
RT: 6.88 min Scan# 437
Delta R.T. -0.05 min
Lab File: BF092208.D
Acq: 12 Jan 2017 15:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 352143
Ion Ratio Lower Upper
107 100
108 113.8 93.0 139.6
77 59.1 39.8 59.8
79 53.5 38.0 57.0

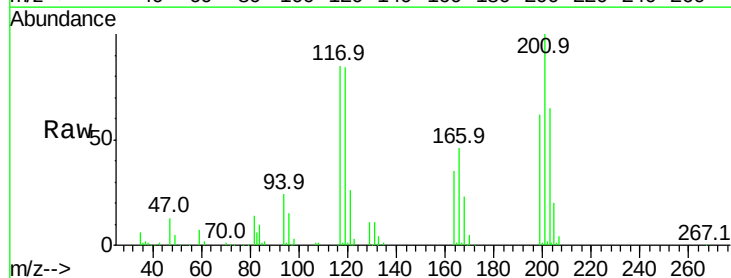


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

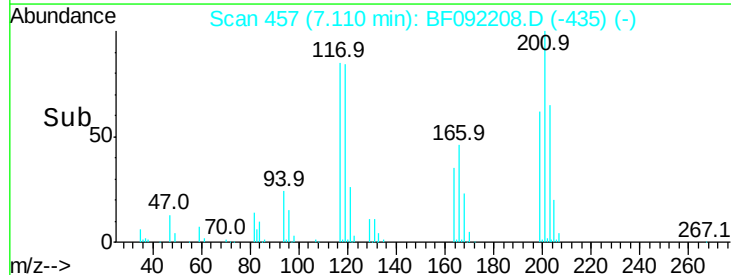
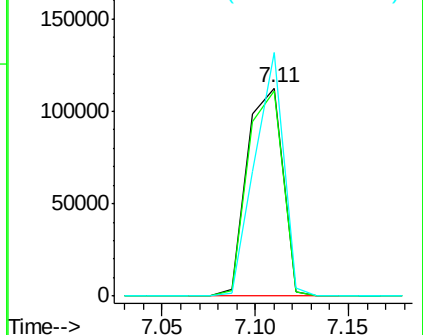


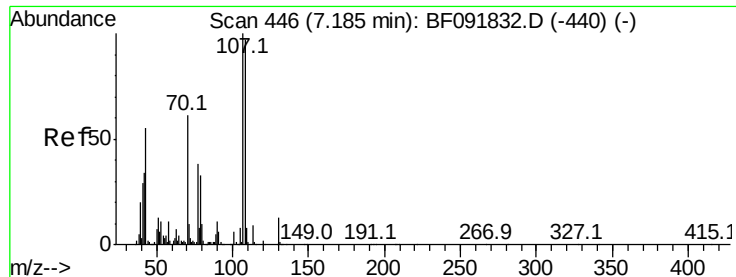
#18
Hexachloroethane
Concen: 27.60 ng
RT: 7.11 min Scan# 457
Delta R.T. -0.05 min
Lab File: BF092208.D
Acq: 12 Jan 2017 15:17

Tgt Ion:117 Resp: 148800
Ion Ratio Lower Upper
117 100
119 98.6 78.1 117.1
201 117.0 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: 32.47 ng

RT: 7.02 min Scan# 449

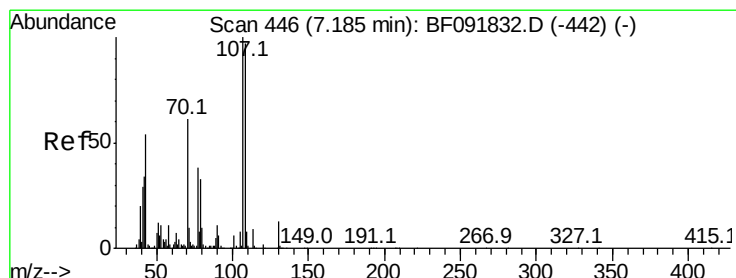
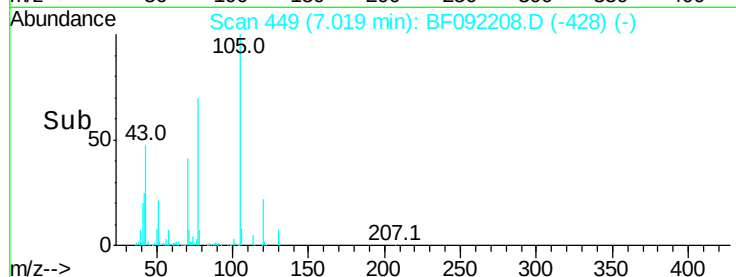
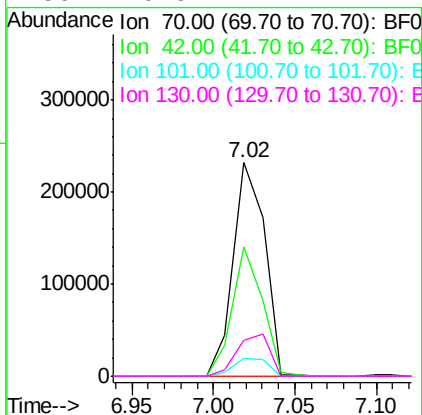
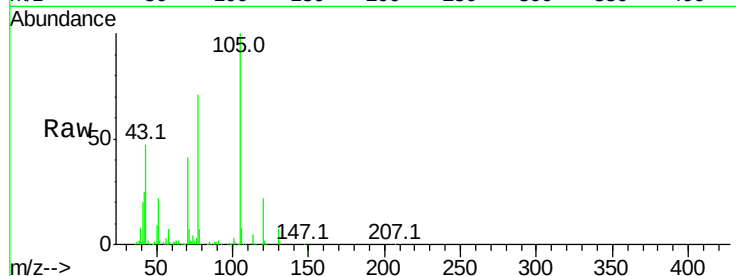
Delta R.T. -0.06 min

Lab File: BF092208.D

Acq: 12 Jan 2017 15:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	310299
Ion	Ratio	Lower	Upper
70	100		
42	60.6	49.4	74.0
101	8.4	7.4	11.2
130	16.9	14.2	21.4



#20

3+4-Methylphenols

Concen: 35.96 ng

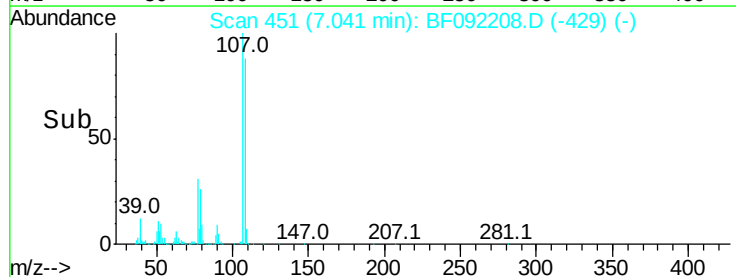
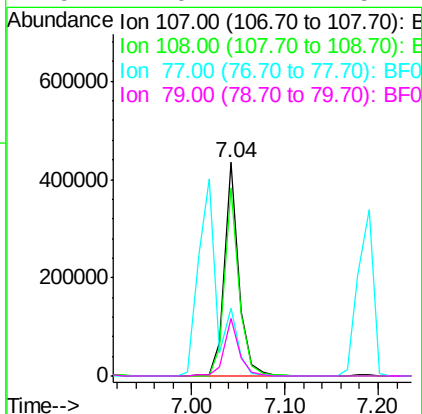
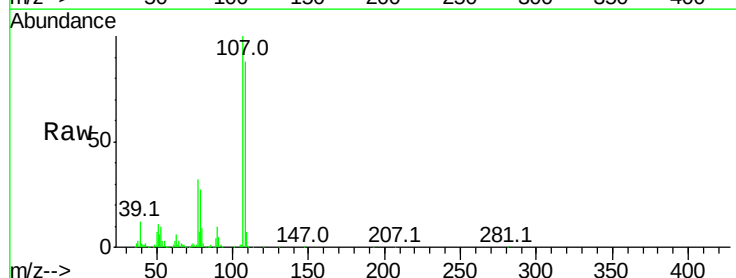
RT: 7.04 min Scan# 451

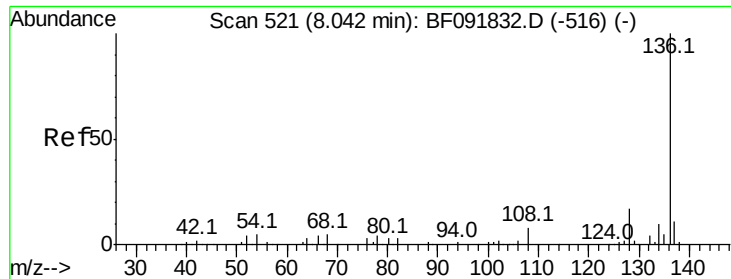
Delta R.T. -0.05 min

Lab File: BF092208.D

Acq: 12 Jan 2017 15:17

Tgt Ion:	107	Resp:	461619
Ion	Ratio	Lower	Upper
107	100		
108	88.1	73.0	113.0
77	31.9	71.3	111.3#
79	27.0	11.1	51.1

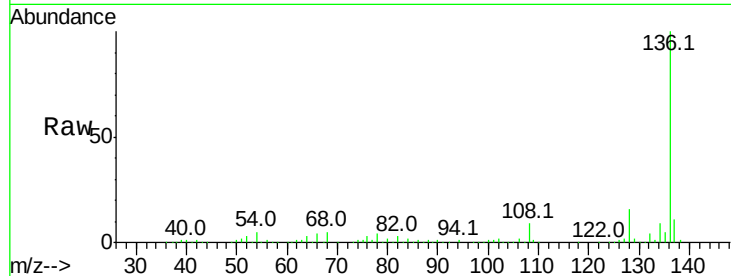




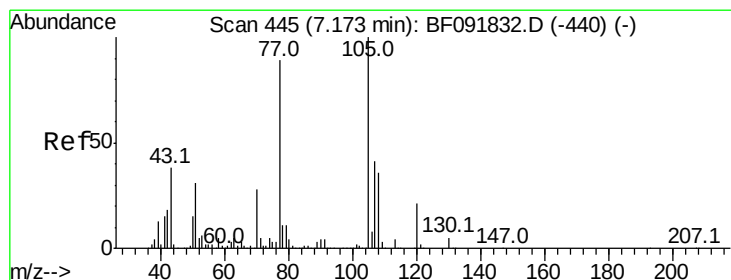
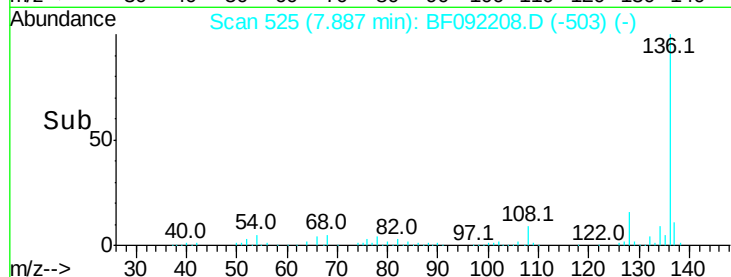
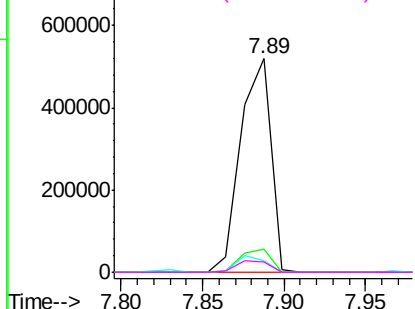
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.89 min Scan# 525
Delta R.T. -0.05 min
Lab File: BF092208.D
Acq: 12 Jan 2017 15:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 665994
Ion Ratio	Lower Upper
136 100	
137 10.9	8.4 12.6
54 5.4	4.5 6.7
68 4.6	3.6 5.4

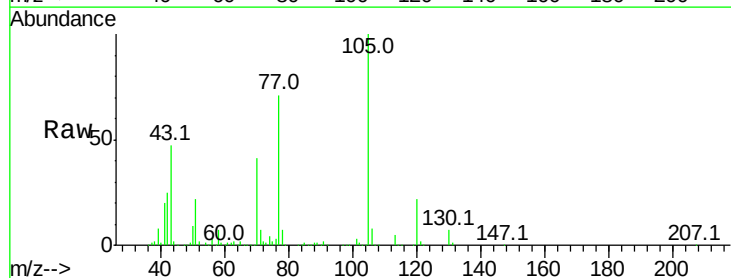


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

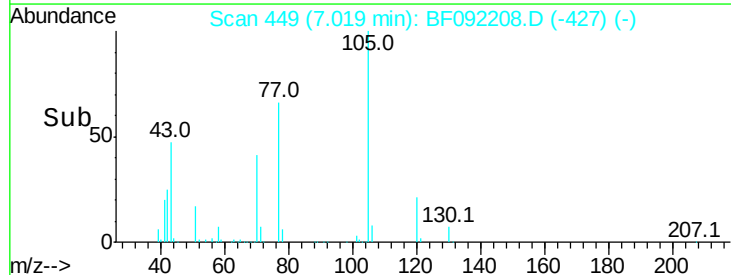
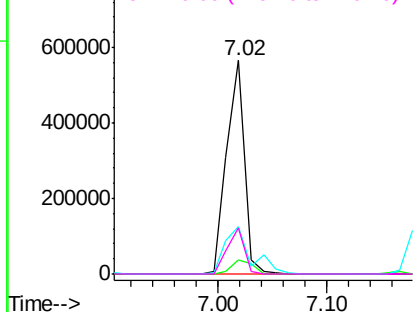


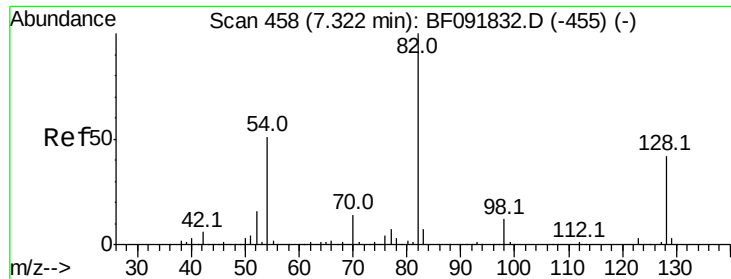
#22
Acetophenone
Concen: 38.66 ng
RT: 7.02 min Scan# 449
Delta R.T. -0.05 min
Lab File: BF092208.D
Acq: 12 Jan 2017 15:17

Tgt	Ion:105	Resp:	635110
Ion	Ratio	Lower	Upper
105	100		
71	6.8	3.2	4.8#
51	22.0	26.2	39.4#
120	21.6	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

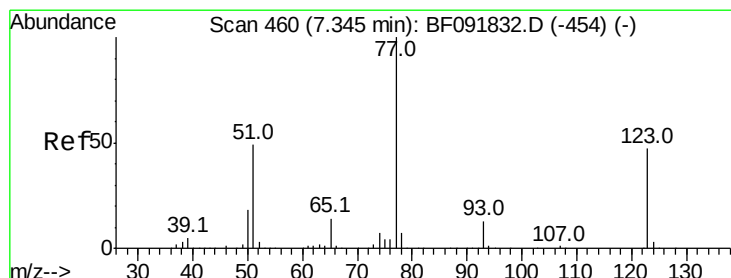
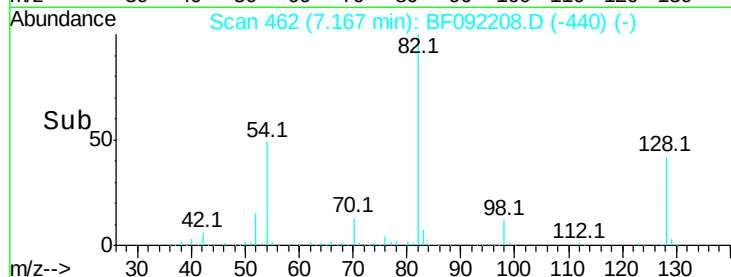
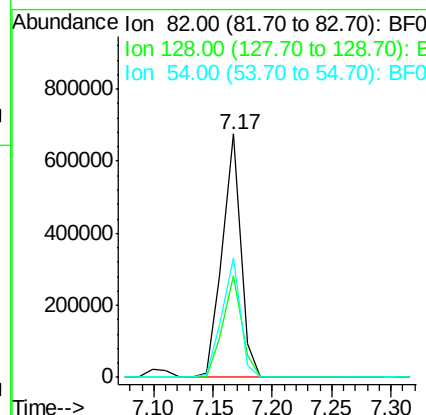
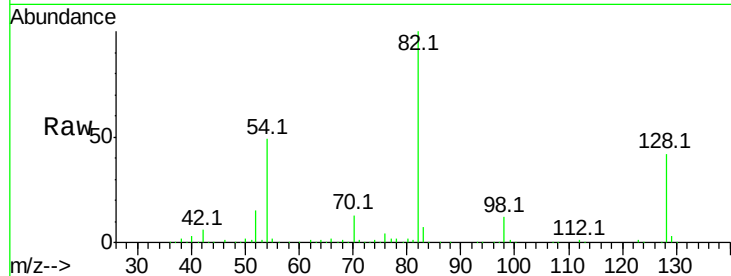




#23
 Nitrobenzene-d5
 Concen: 60.73 ng
 RT: 7.17 min Scan# 462
 Delta R.T. -0.05 min
 Lab File: BF092208.D
 Acq: 12 Jan 2017 15:17

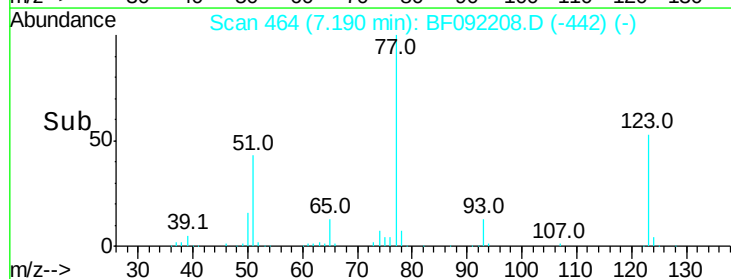
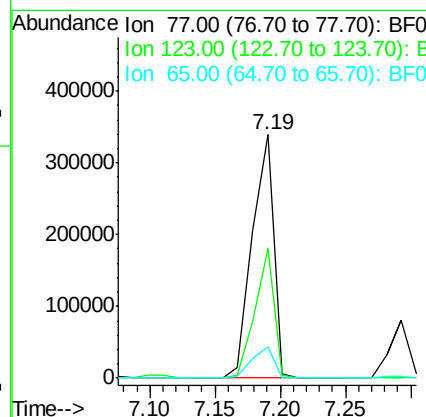
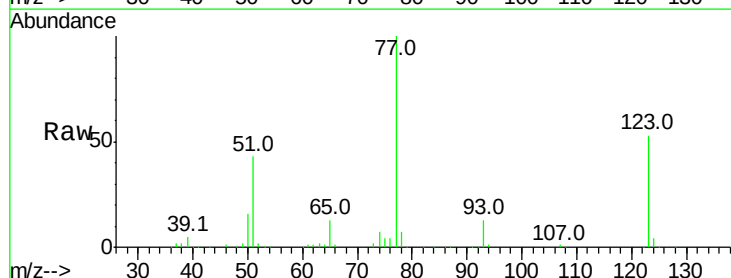
Instrument :
 BNA_F
 ClientSampleId :

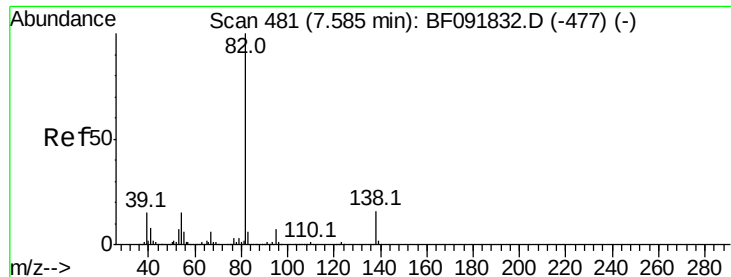
Tot Ion	82	Resp	727382
Ion Ratio	100		
Lower	34.6		
Upper	52.0		
54	49.1	39.5	59.3



#24
 Nitrobenzene
 Concen: 30.55 ng
 RT: 7.19 min Scan# 464
 Delta R.T. -0.05 min
 Lab File: BF092208.D
 Acq: 12 Jan 2017 15:17

Tgt Ion	77	Resp	389761
Ion Ratio	100		
Lower	33.0		
Upper	49.4#		
123	53.1	11.2	16.8
65	12.6		





#25

Isophorone

Concen: 32.49 ng

RT: 7.43 min Scan# 485

Delta R.T. -0.05 min

Lab File: BF092208.D

Acq: 12 Jan 2017 15:17

Instrument :

BNA_F

ClientSampleId :

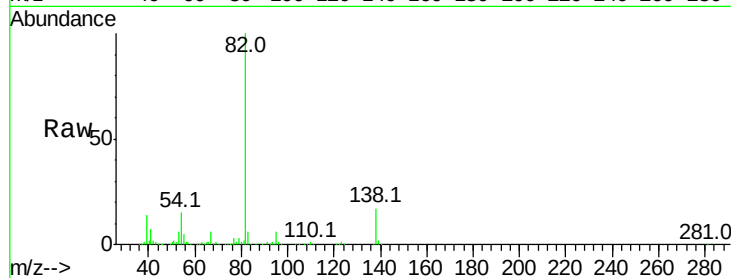
Tot Ion: 82 Resp: 717867

Ion Ratio Lower Upper

82 100

95 6.4 5.6 8.4

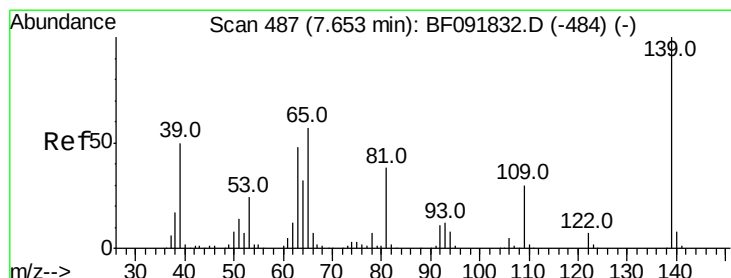
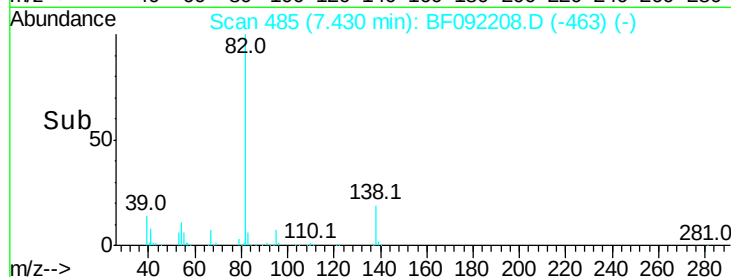
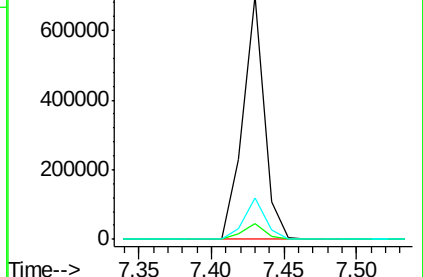
138 16.8 14.6 22.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 30.06 ng

RT: 7.51 min Scan# 492

Delta R.T. -0.05 min

Lab File: BF092208.D

Acq: 12 Jan 2017 15:17

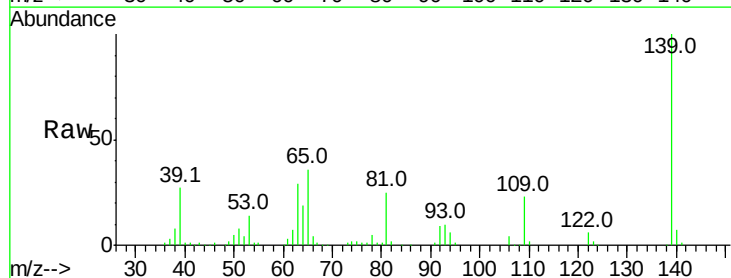
Tgt Ion: 139 Resp: 189090

Ion Ratio Lower Upper

139 100

109 23.2 23.3 34.9#

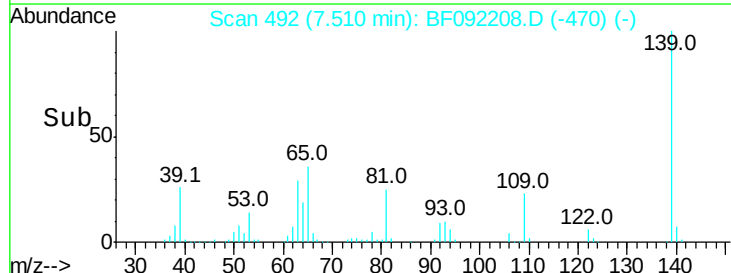
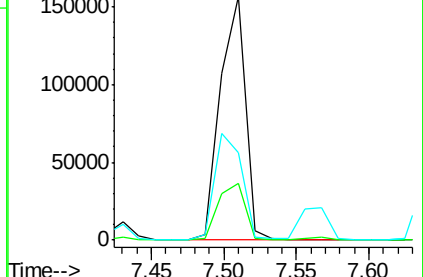
65 36.0 42.7 64.1#

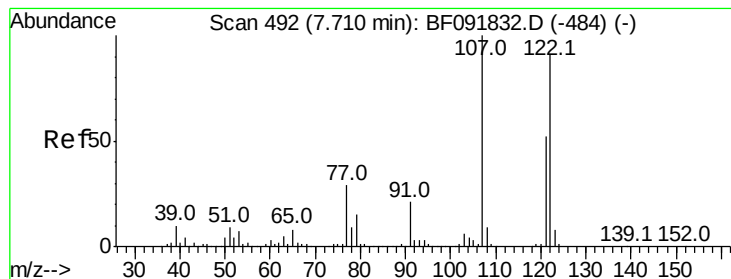


Abundance Ion 139.00 (138.70 to 139.70): BF0

Ion 109.00 (108.70 to 109.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 30.29 ng

RT: 7.57 min Scan# 497

Delta R.T. -0.05 min

Lab File: BF092208.D

Acq: 12 Jan 2017 15:17

Instrument :

BNA_F

ClientSampleId :

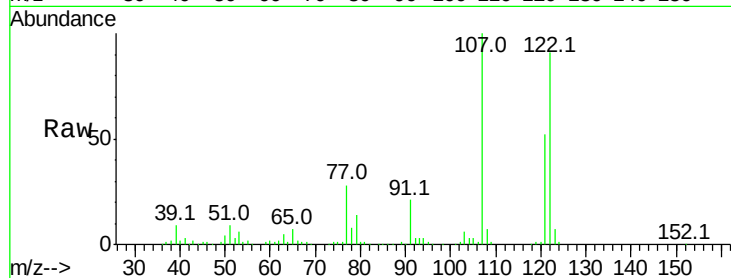
Tot Ion:122 Resp: 315999

Ion Ratio Lower Upper

122 100

107 110.2 94.1 141.1

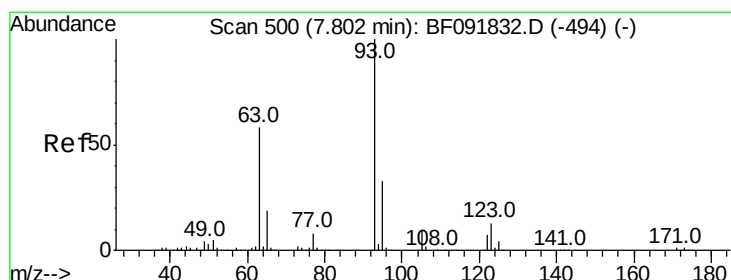
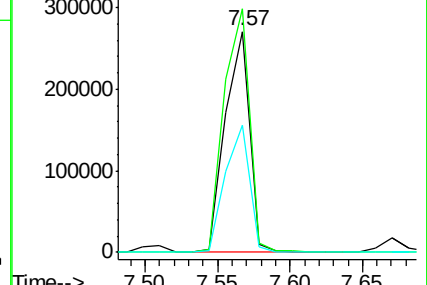
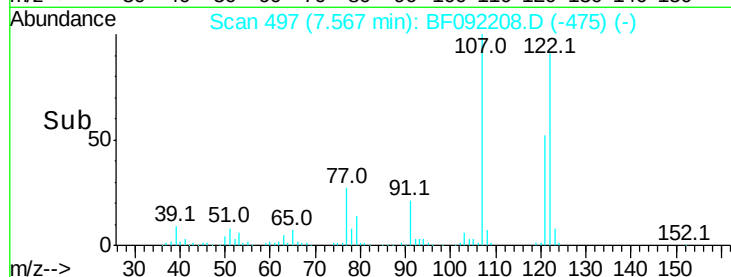
121 57.3 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 33.79 ng

RT: 7.65 min Scan# 504

Delta R.T. -0.05 min

Lab File: BF092208.D

Acq: 12 Jan 2017 15:17

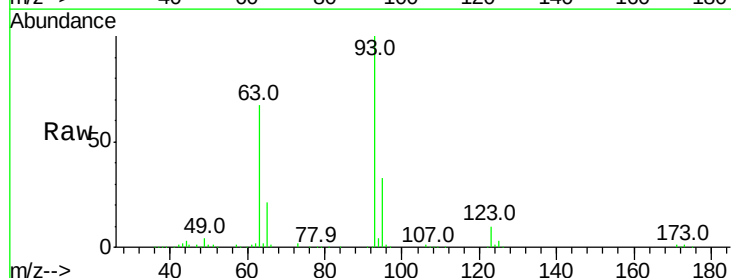
Tgt Ion: 93 Resp: 452743

Ion Ratio Lower Upper

93 100

95 32.7 26.5 39.7

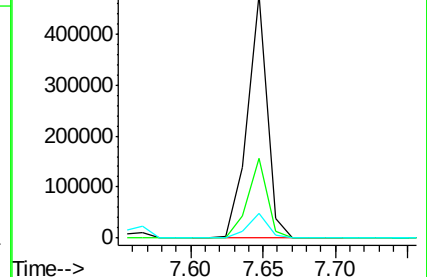
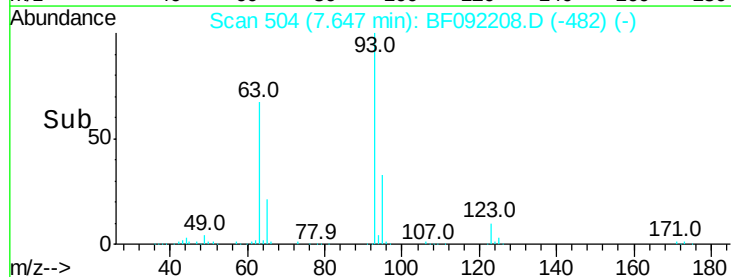
123 10.4 8.6 13.0

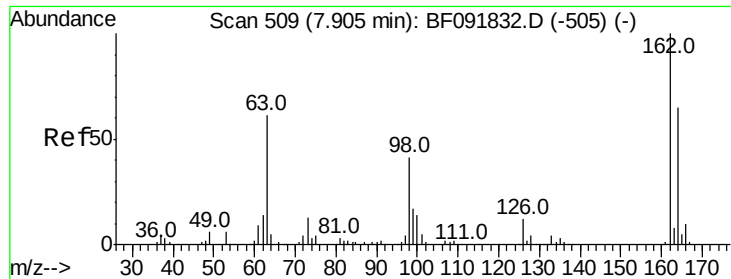


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

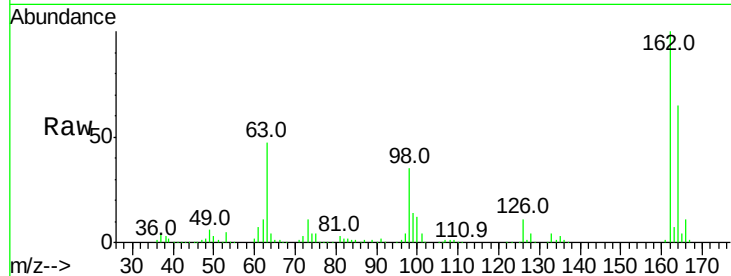




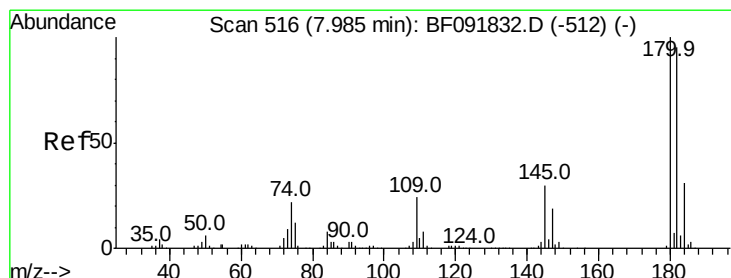
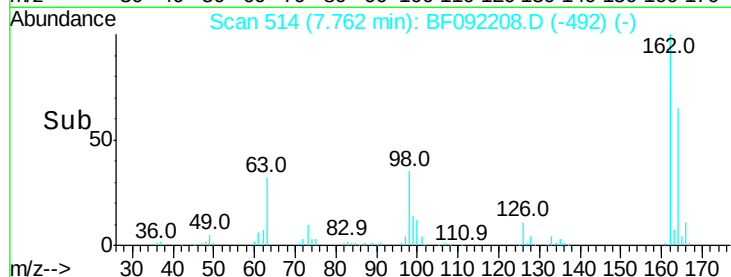
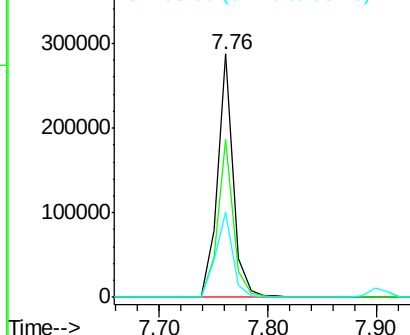
#29
 2,4-Dichlorophenol
 Concen: 33.15 ng
 RT: 7.76 min Scan# 514
 Delta R.T. -0.05 min
 Lab File: BF092208.D
 Acq: 12 Jan 2017 15:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.9	46.8	86.8
98	35.0	9.1	49.1

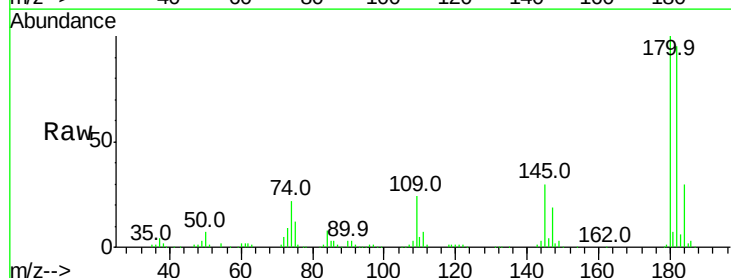


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

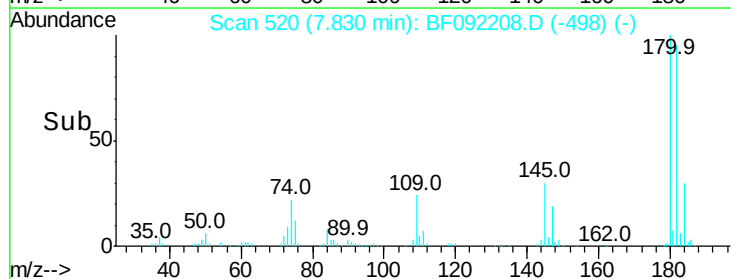
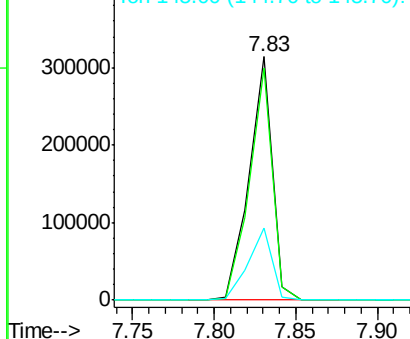


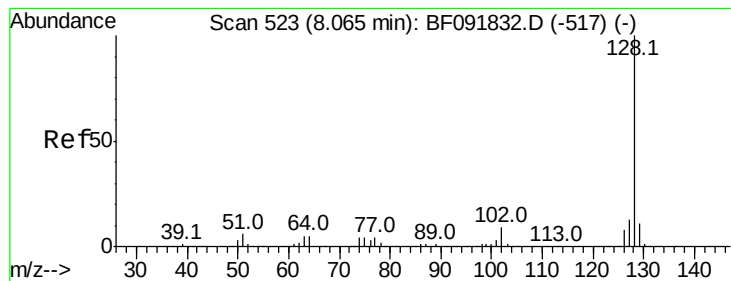
#30
 1,2,4-Trichlorobenzene
 Concen: 32.03 ng
 RT: 7.83 min Scan# 520
 Delta R.T. -0.05 min
 Lab File: BF092208.D
 Acq: 12 Jan 2017 15:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	78.2	117.4
145	29.8	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: 31.68 ng

RT: 7.90 min Scan# 526

Delta R.T. -0.06 min

Lab File: BF092208.D

Acq: 12 Jan 2017 15:17

Instrument :

BNA_F

ClientSampled :

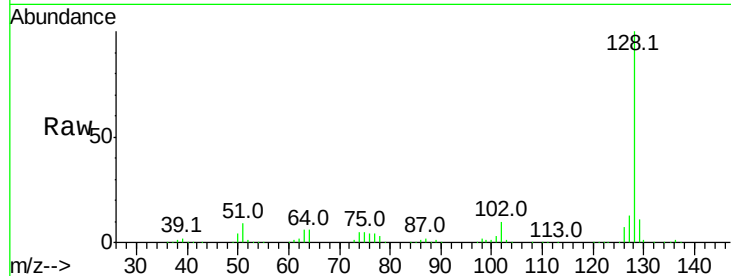
Tot Ion:128 Resp: 965729

Ion Ratio Lower Upper

128 100

129 11.5 9.5 14.3

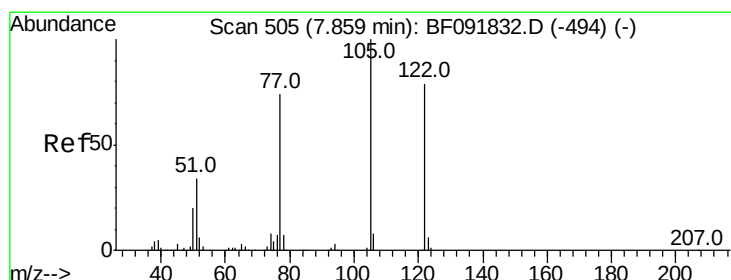
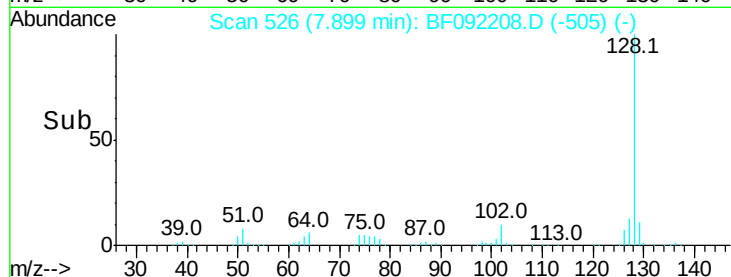
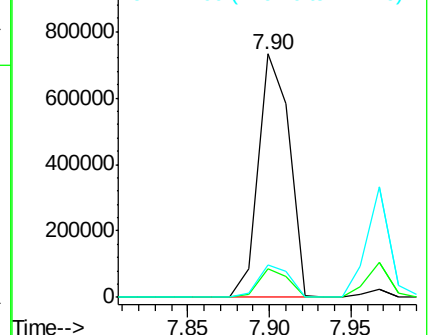
127 13.1 10.8 16.2



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: 3.51 ng

RT: 7.67 min Scan# 506

Delta R.T. -0.08 min

Lab File: BF092208.D

Acq: 12 Jan 2017 15:17

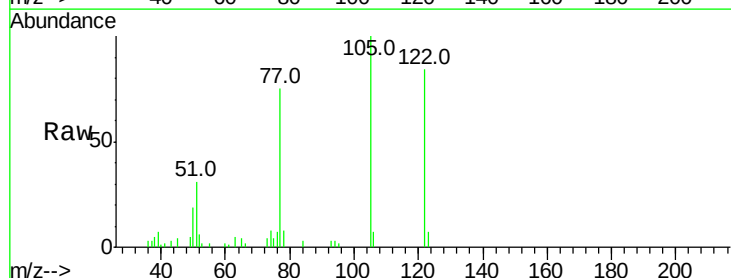
Tgt Ion:122 Resp: 27158

Ion Ratio Lower Upper

122 100

105 119.0 107.2 147.2

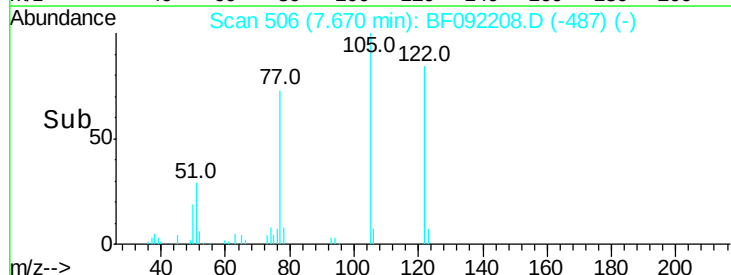
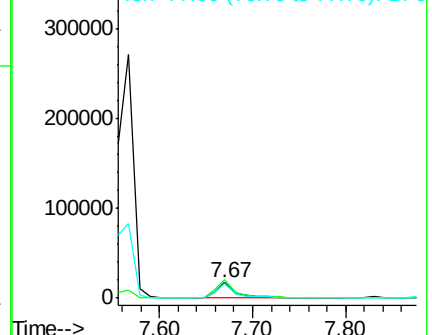
77 89.5 74.5 114.5

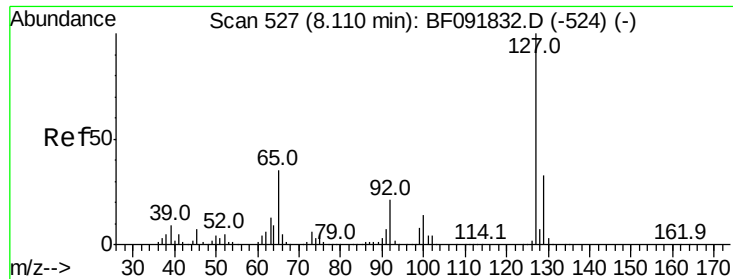


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

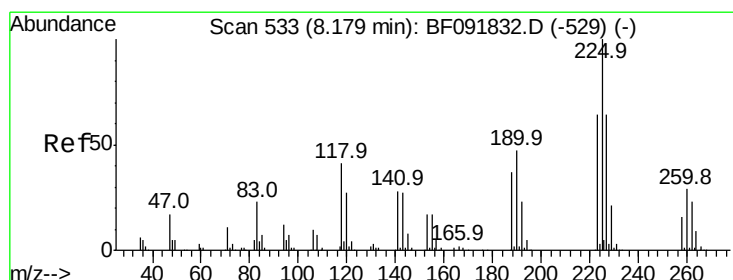
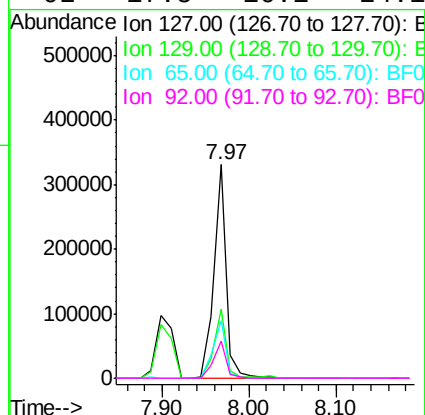
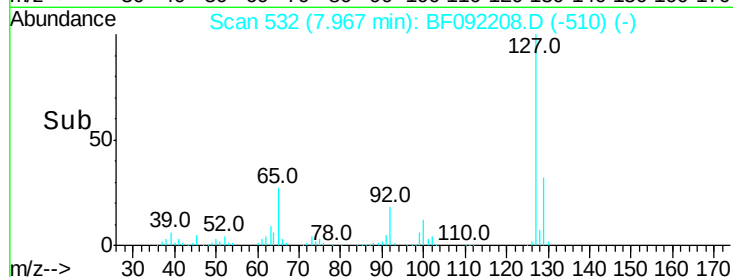
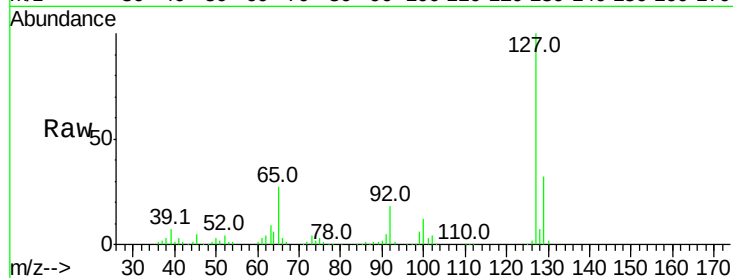




#33
4-Chloroaniline
Concen: 24.01 ng
RT: 7.97 min Scan# 532
Delta R.T. -0.05 min
Lab File: BF092208.D
Acq: 12 Jan 2017 15:17

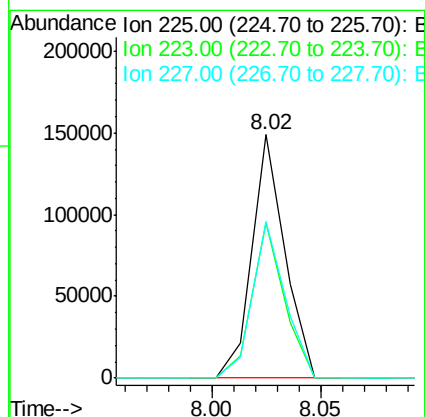
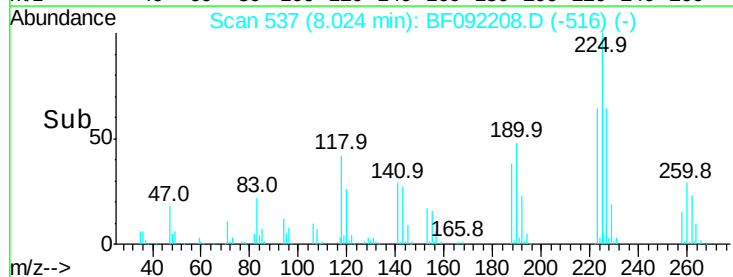
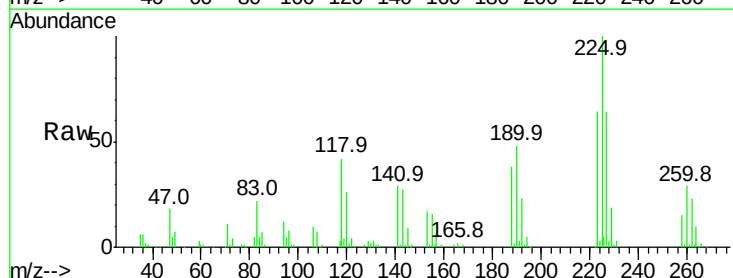
Instrument :
BNA_F
ClientSampled :

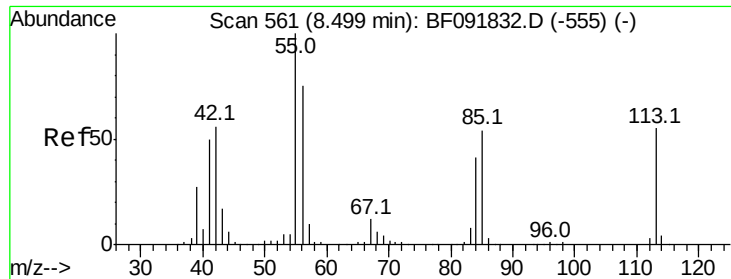
Tot Ion:	127	Resp:	329988
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.3	39.5
65	27.1	25.8	38.8
92	17.5	16.1	24.1



#34
Hexachlorobutadiene
Concen: 30.48 ng
RT: 8.02 min Scan# 537
Delta R.T. -0.06 min
Lab File: BF092208.D
Acq: 12 Jan 2017 15:17

Tgt Ion:	225	Resp:	155761
Ion	Ratio	Lower	Upper
225	100		
223	63.9	51.0	76.6
227	64.5	50.6	76.0

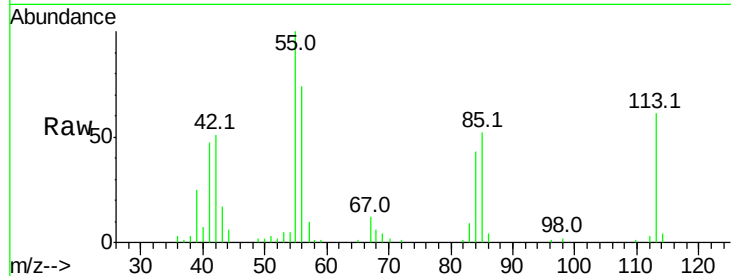




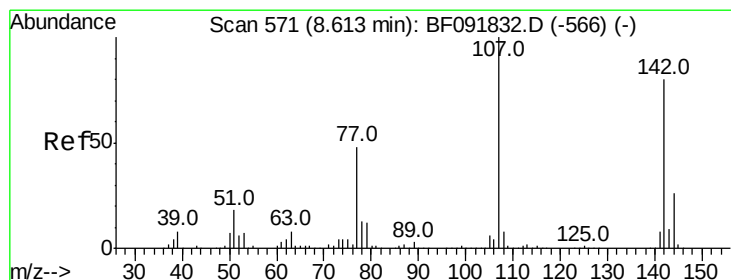
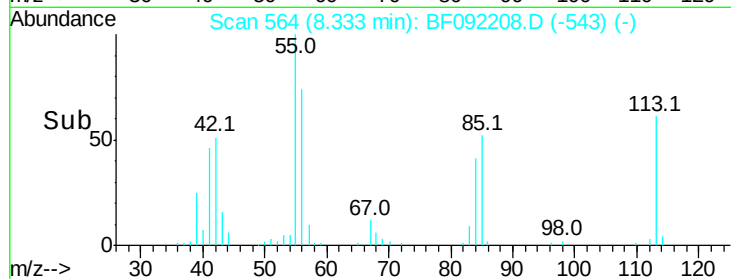
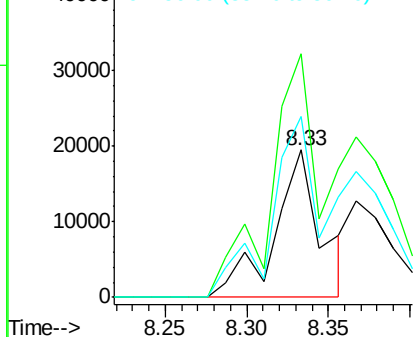
#35
 Caprolactam
 Concen: 13.22 ng
 RT: 8.33 min Scan# 564
 Delta R.T. -0.06 min
 Lab File: BF092208.D
 Acq: 12 Jan 2017 15:17

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:113 Resp: 38390
 Ion Ratio Lower Upper
 113 100
 55 165.2 119.2 159.2#
 56 122.7 83.8 123.8

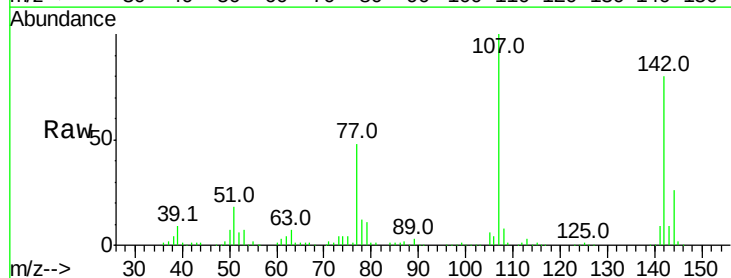


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

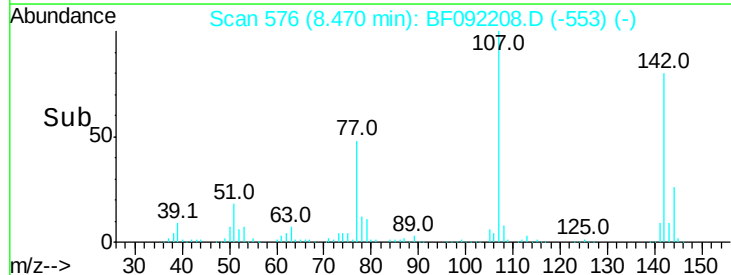
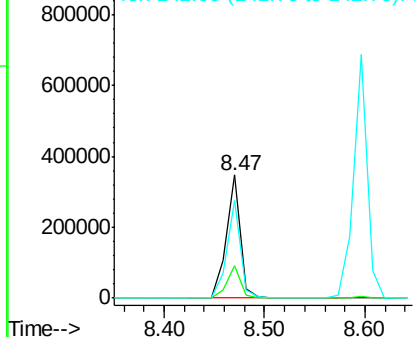


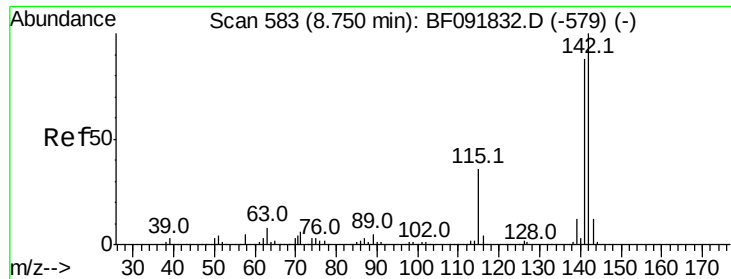
#36
 4-Chloro-3-methylphenol
 Concen: 32.79 ng
 RT: 8.47 min Scan# 576
 Delta R.T. -0.03 min
 Lab File: BF092208.D
 Acq: 12 Jan 2017 15:17

Tgt Ion:107 Resp: 333376
 Ion Ratio Lower Upper
 107 100
 144 26.2 19.3 28.9
 142 80.0 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

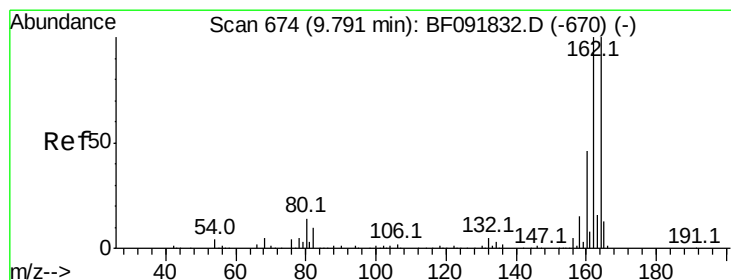
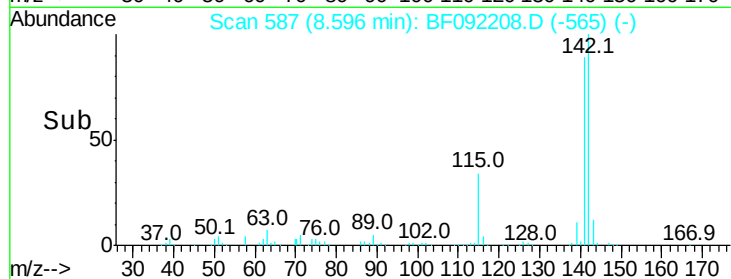
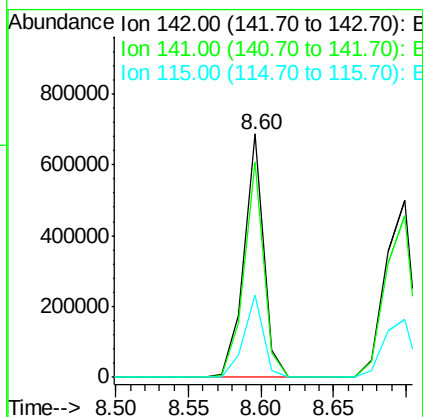
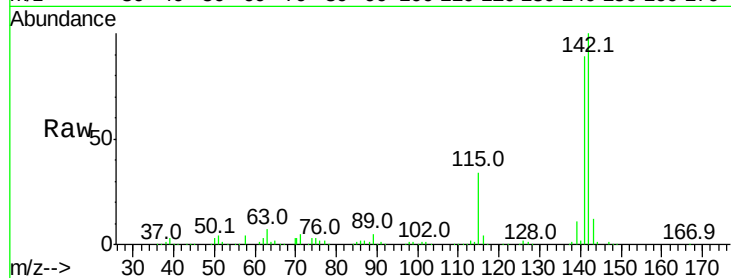




#37
2-Methylnaphthalene
Concen: 31.75 ng
RT: 8.60 min Scan# 587
Delta R.T. -0.05 min
Lab File: BF092208.D
Acq: 12 Jan 2017 15:17

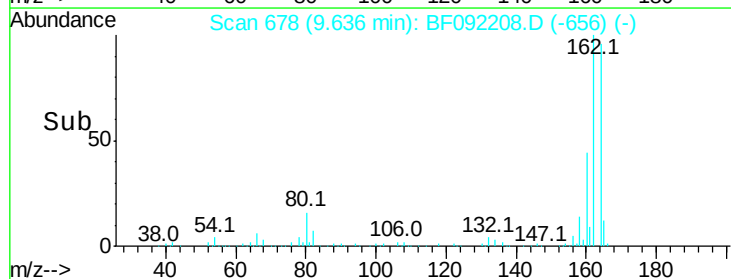
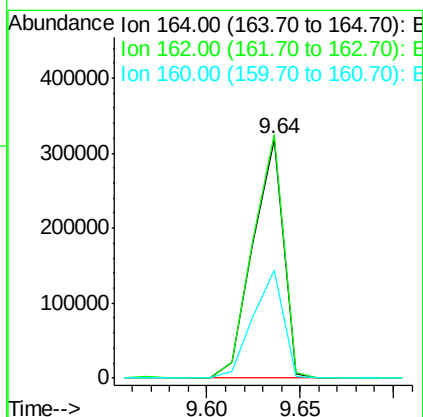
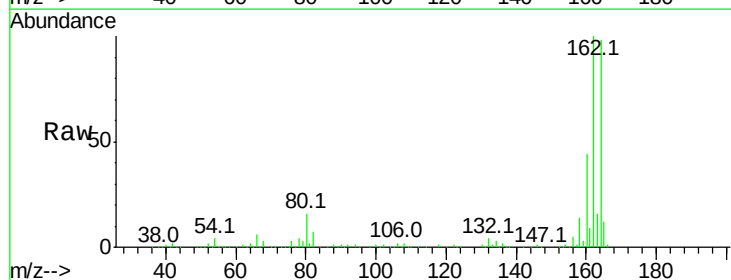
Instrument :
BNA_F
ClientSampleId :

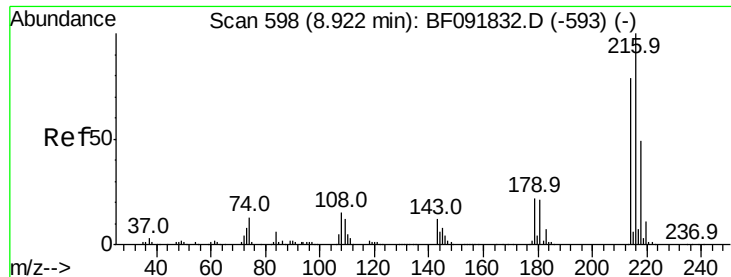
Tot Ion:142 Resp: 649713
Ion Ratio Lower Upper
142 100
141 88.5 71.0 106.6
115 33.7 28.3 42.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.64 min Scan# 678
Delta R.T. -0.05 min
Lab File: BF092208.D
Acq: 12 Jan 2017 15:17

Tgt Ion:164 Resp: 359292
Ion Ratio Lower Upper
164 100
162 101.9 80.2 120.2
160 45.1 36.9 55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 32.48 ng

RT: 8.77 min Scan# 602

Delta R.T. -0.05 min

Lab File: BF092208.D

Acq: 12 Jan 2017 15:17

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 294851

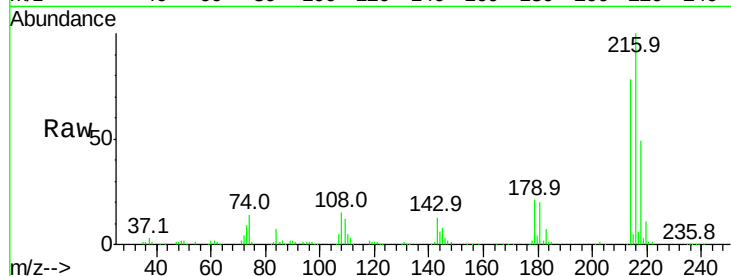
Ion Ratio Lower Upper

216 100

214 78.7 63.4 95.0

179 22.2 17.4 26.2

108 20.3 15.6 23.4

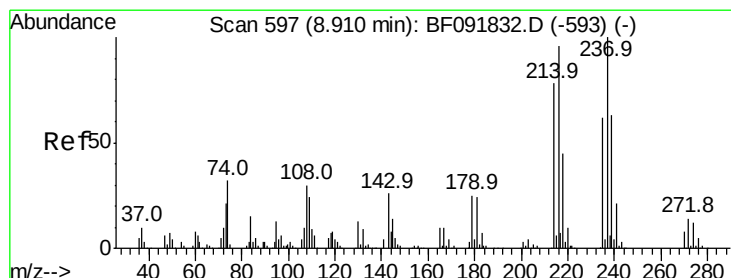
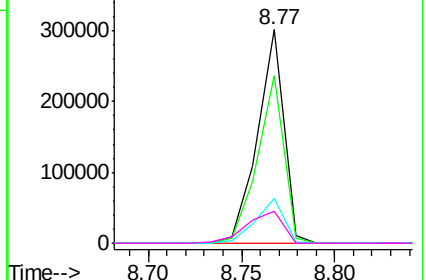
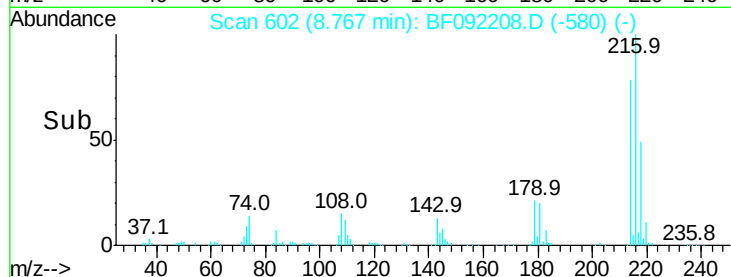


Abundance Ion 216.00 (215.70 to 216.70): E

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: 46.52 ng

RT: 8.76 min Scan# 601

Delta R.T. -0.05 min

Lab File: BF092208.D

Acq: 12 Jan 2017 15:17

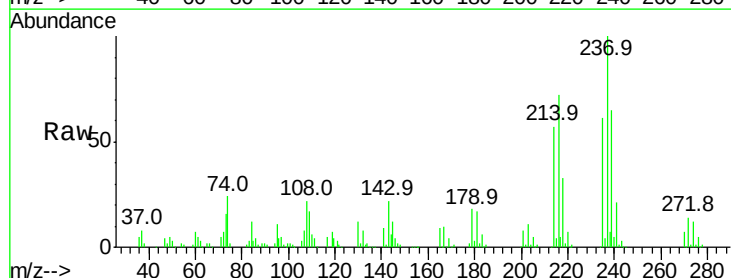
Tgt Ion:237 Resp: 180988

Ion Ratio Lower Upper

237 100

235 60.8 41.2 81.2

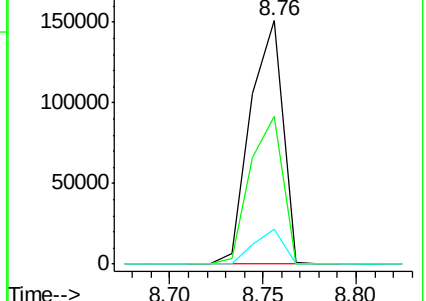
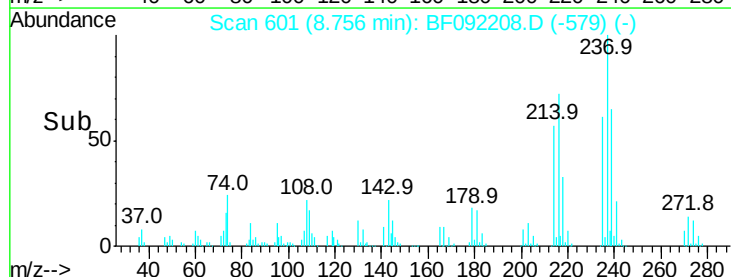
272 14.4 0.0 35.4

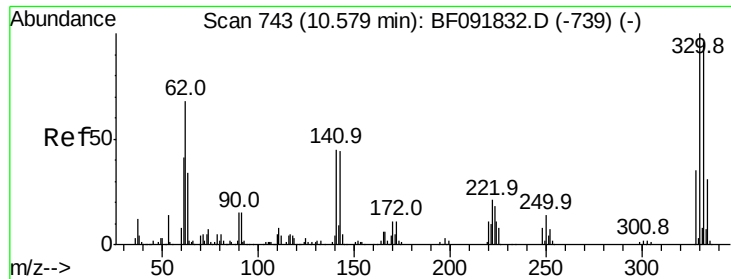


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

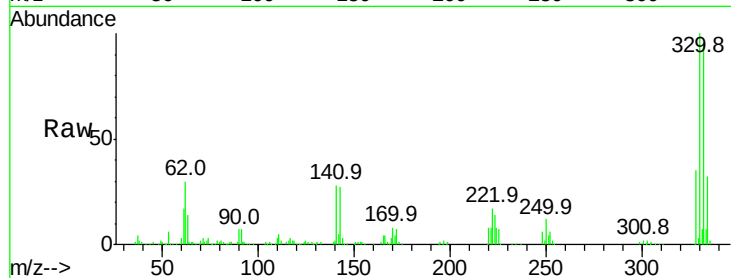




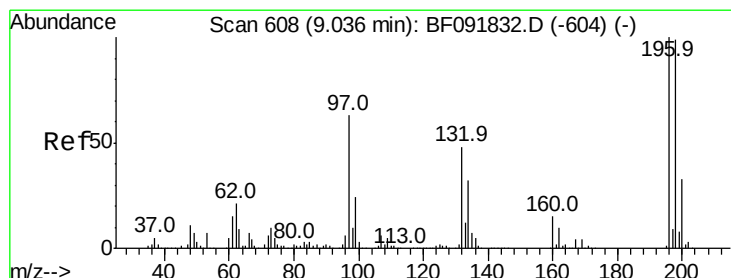
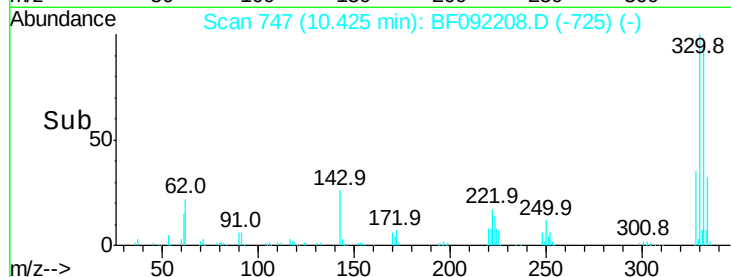
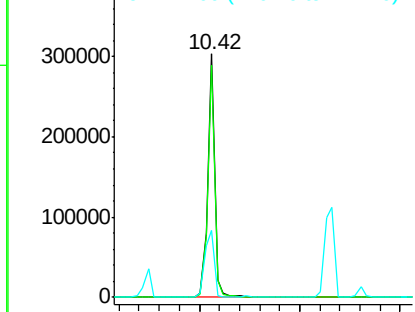
#41
 2,4,6-Tribromophenol
 Concen: 99.06 ng
 RT: 10.42 min Scan# 747
 Delta R.T. -0.05 min
 Lab File: BF092208.D
 Acq: 12 Jan 2017 15:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 294556
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.4 116.2
 141 36.8 34.1 51.1

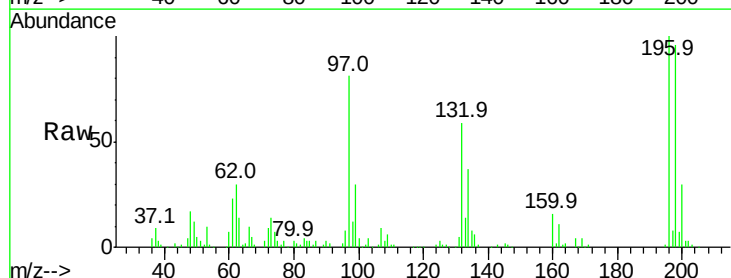


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

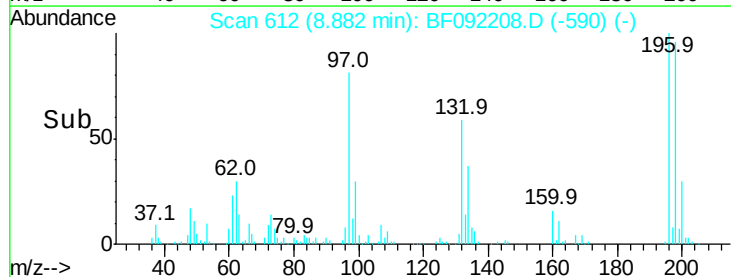
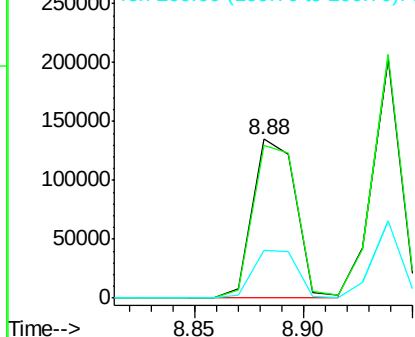


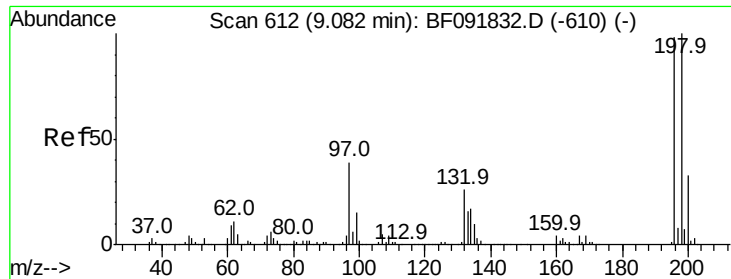
#42
 2,4,6-Trichlorophenol
 Concen: 29.43 ng
 RT: 8.88 min Scan# 612
 Delta R.T. -0.05 min
 Lab File: BF092208.D
 Acq: 12 Jan 2017 15:17

Tgt Ion:196 Resp: 186824
 Ion Ratio Lower Upper
 196 100
 198 96.0 82.1 123.1
 200 30.4 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

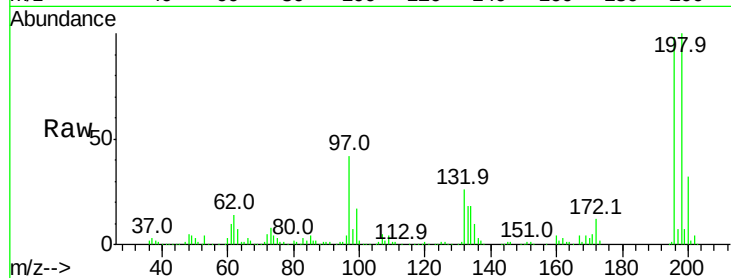




#43
 2,4,5-Trichlorophenol
 Concen: 28.93 ng
 RT: 8.94 min Scan# 617
 Delta R.T. -0.03 min
 Lab File: BF092208.D
 Acq: 12 Jan 2017 15:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	101.8	79.4	119.2
97	43.2	51.5	77.3#
132	26.5	27.4	41.2#



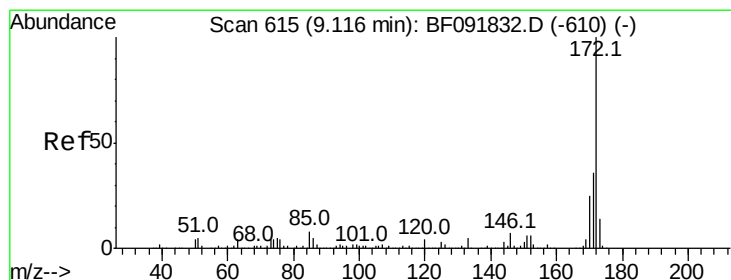
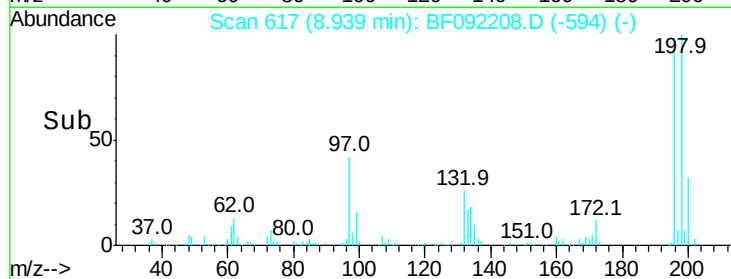
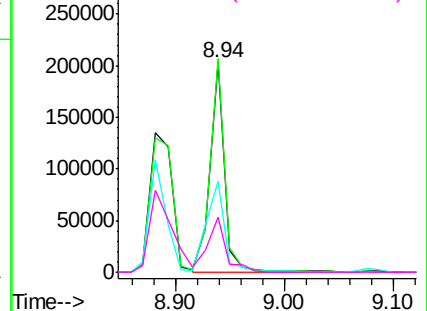
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

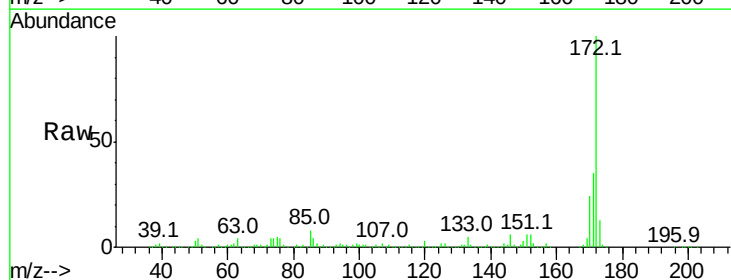
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 64.03 ng
 RT: 8.96 min Scan# 619
 Delta R.T. -0.05 min
 Lab File: BF092208.D
 Acq: 12 Jan 2017 15:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.4	44.0
170	23.9	20.2	30.4

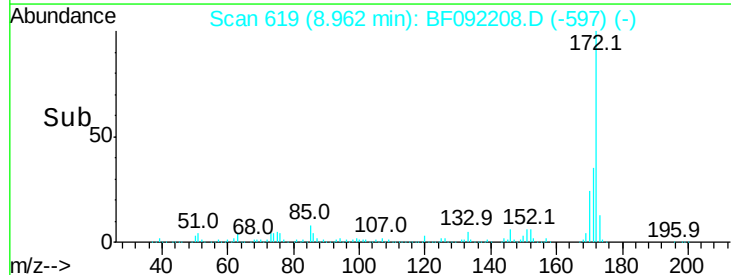
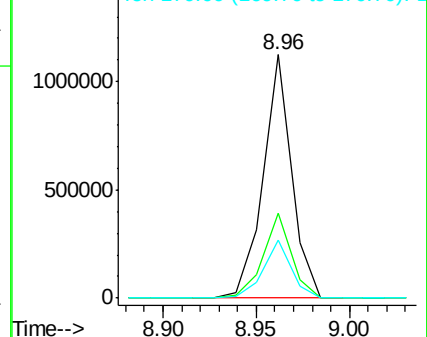


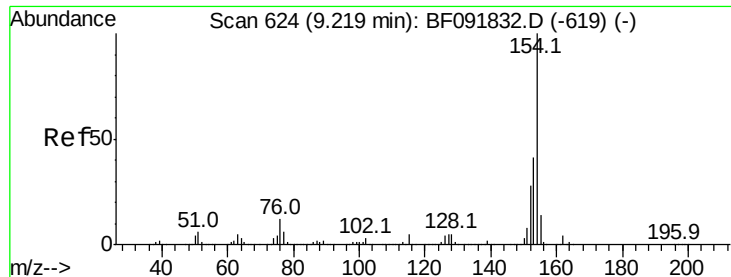
Abundance

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: 34.46 ng

RT: 9.06 min Scan# 628

Delta R.T. -0.05 min

Lab File: BF092208.D

Acq: 12 Jan 2017 15:17

Instrument :

BNA_F

ClientSampleId :

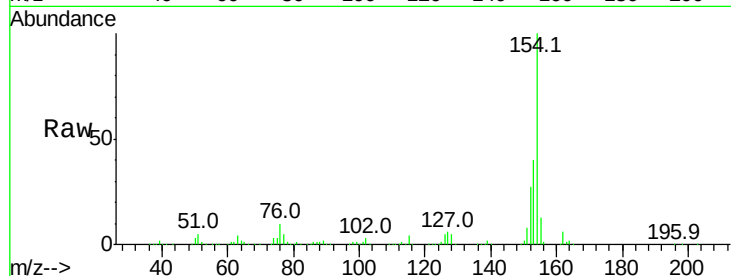
Tot Ion:154 Resp: 847843

Ion Ratio Lower Upper

154 100

153 39.7 20.9 60.9

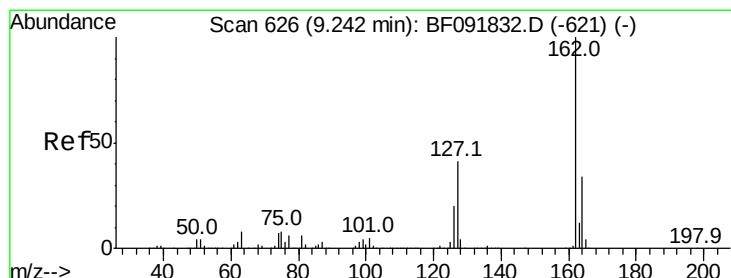
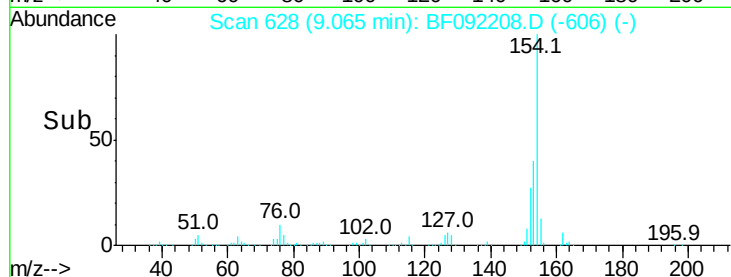
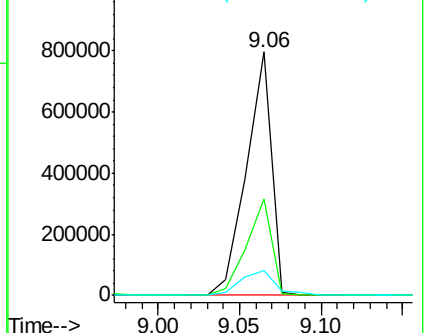
76 10.3 0.0 30.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 32.18 ng

RT: 9.09 min Scan# 630

Delta R.T. -0.05 min

Lab File: BF092208.D

Acq: 12 Jan 2017 15:17

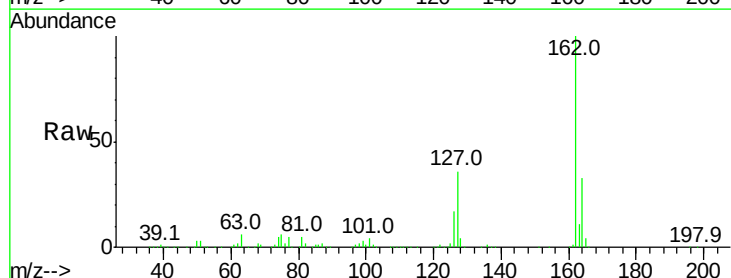
Tgt Ion:162 Resp: 626921

Ion Ratio Lower Upper

162 100

127 35.7 30.7 46.1

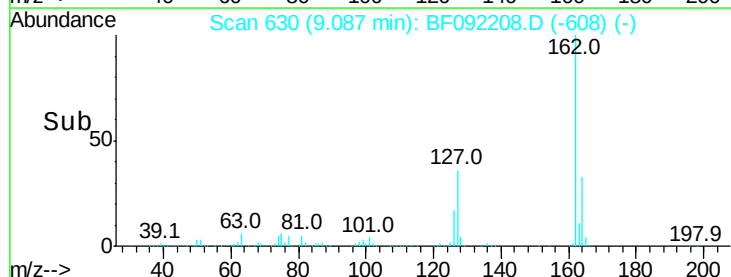
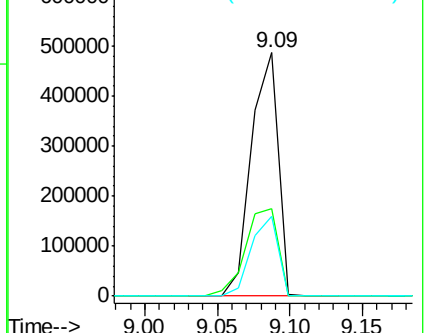
164 33.0 27.6 41.4

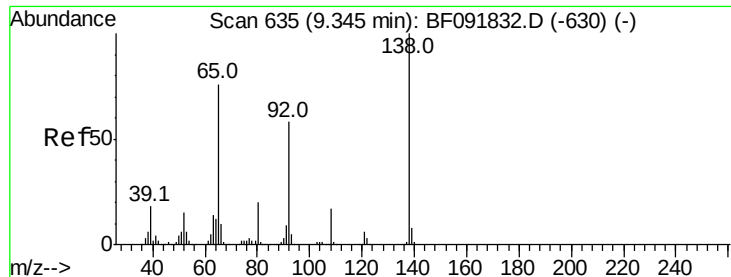


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 31.65 ng

RT: 9.19 min Scan# 639

Delta R.T. -0.05 min

Lab File: BF092208.D

Acq: 12 Jan 2017 15:17

Instrument :

BNA_F

ClientSampleId :

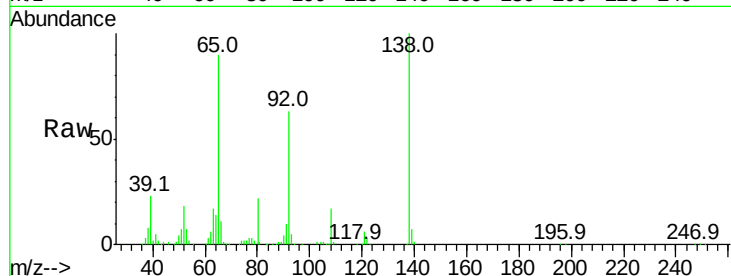
Tot Ion: 65 Resp: 219544

Ion Ratio Lower Upper

65 100

92 70.1 53.9 80.9

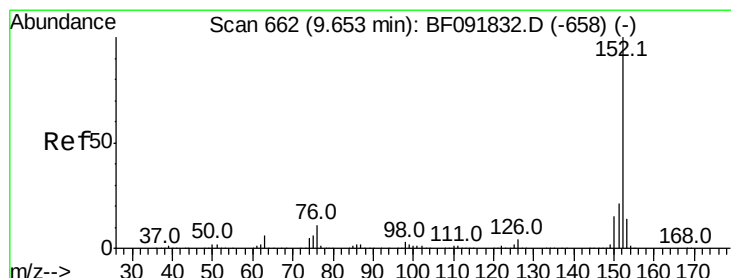
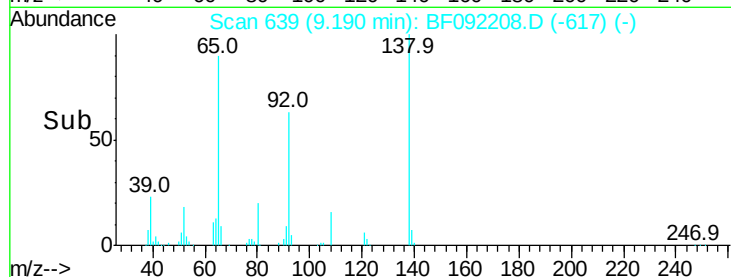
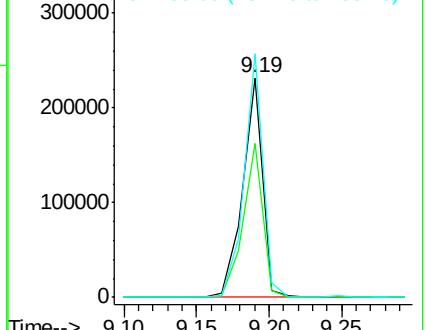
138 110.7 76.8 115.2



Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 32.34 ng

RT: 9.50 min Scan# 666

Delta R.T. -0.05 min

Lab File: BF092208.D

Acq: 12 Jan 2017 15:17

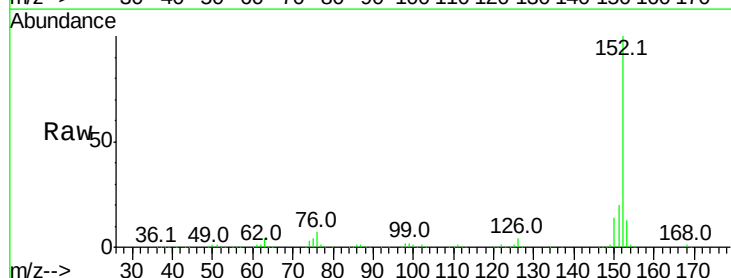
Tgt Ion: 152 Resp: 968974

Ion Ratio Lower Upper

152 100

151 20.1 16.9 25.3

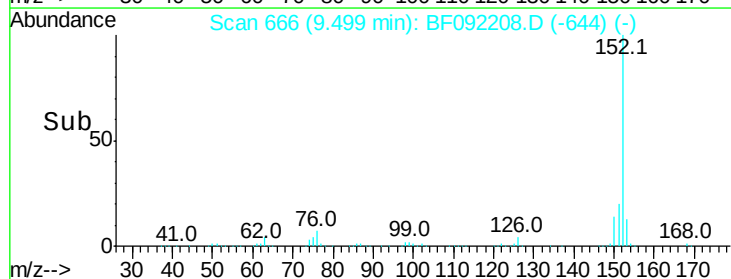
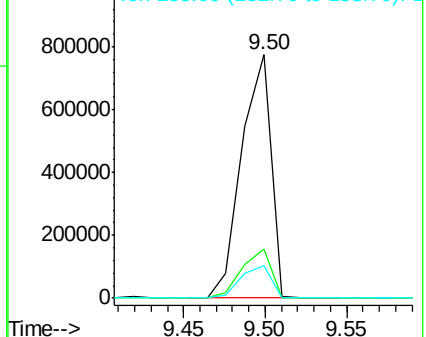
153 13.3 11.4 17.2

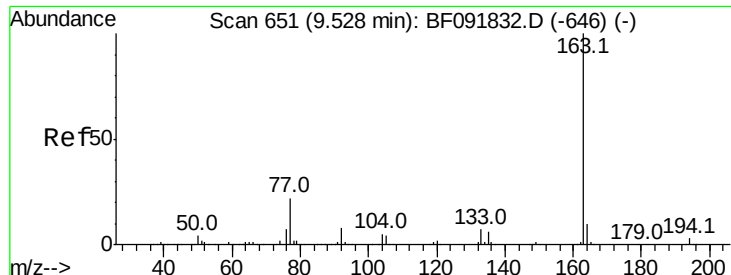


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

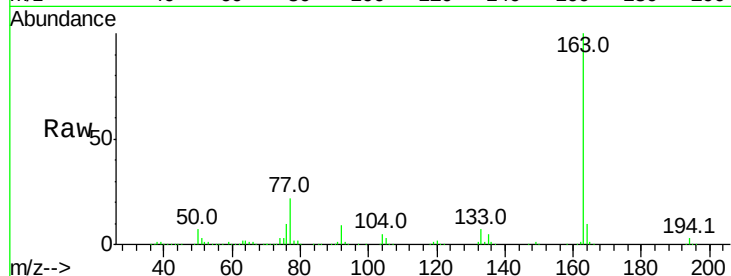




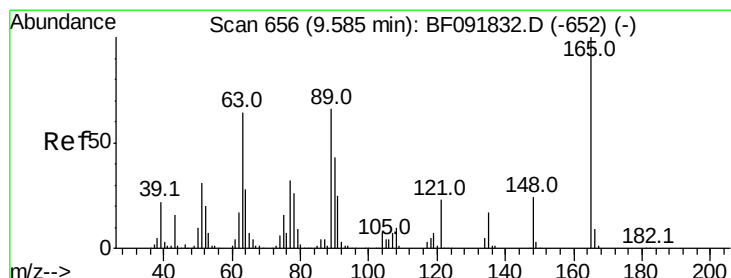
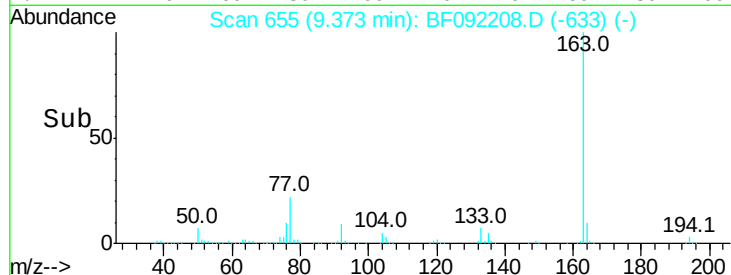
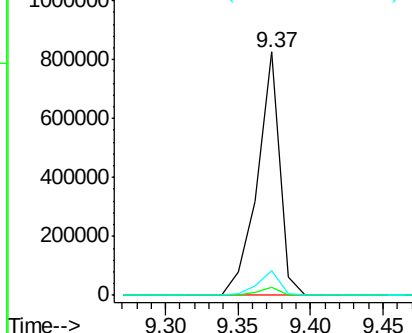
#49
Dimethylphthalate
Concen: 38.53 ng
RT: 9.37 min Scan# 655
Delta R.T. -0.05 min
Lab File: BF092208.D
Acq: 12 Jan 2017 15:17

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 885340
Ion Ratio Lower Upper
163 100
194 3.3 3.0 4.4
164 10.3 8.0 12.0

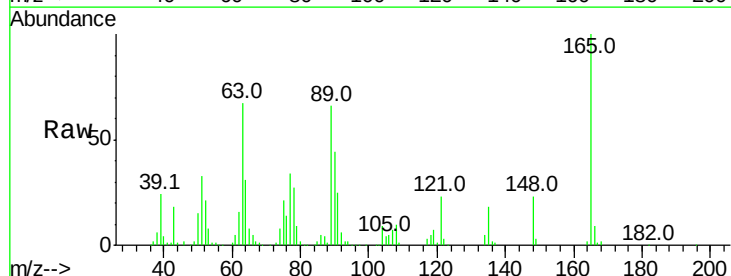


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

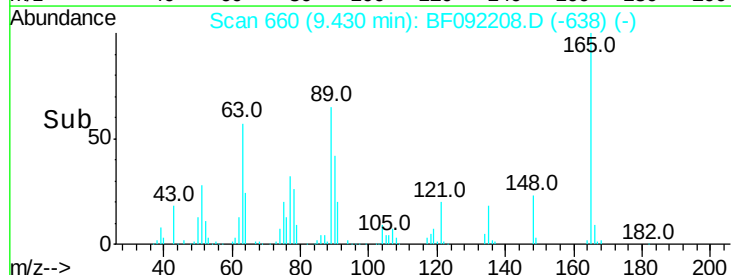
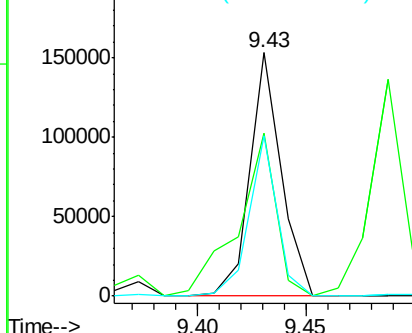


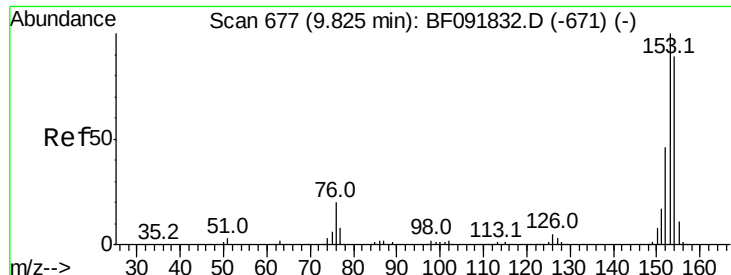
#50
2,6-Dinitrotoluene
Concen: 30.54 ng
RT: 9.43 min Scan# 660
Delta R.T. -0.05 min
Lab File: BF092208.D
Acq: 12 Jan 2017 15:17

Tgt Ion:165 Resp: 153604
Ion Ratio Lower Upper
165 100
63 66.8 36.2 54.4#
89 65.7 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: 29.72 ng

RT: 9.67 min Scan# 681

Delta R.T. -0.05 min

Lab File: BF092208.D

Acq: 12 Jan 2017 15:17

Instrument :

BNA_F

ClientSampleId :

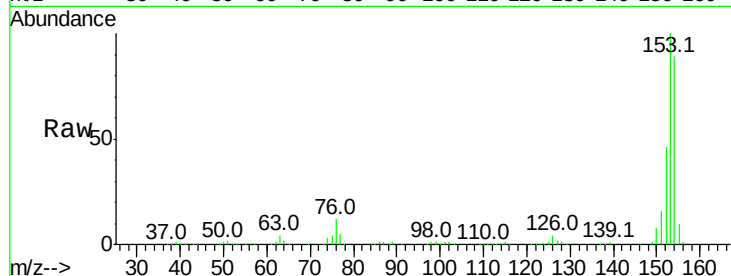
Tot Ion:154 Resp: 603815

Ion Ratio Lower Upper

154 100

153 112.6 88.6 133.0

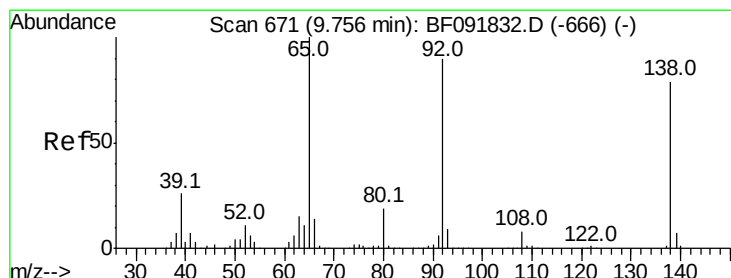
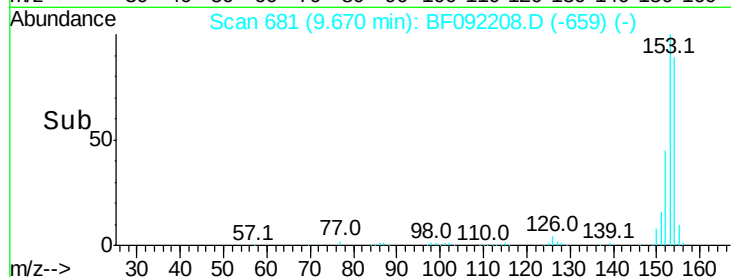
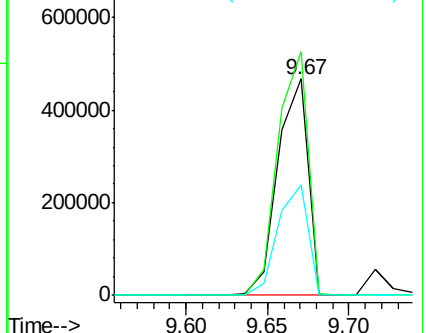
152 51.3 41.6 62.4



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: 28.24 ng

RT: 9.60 min Scan# 675

Delta R.T. -0.05 min

Lab File: BF092208.D

Acq: 12 Jan 2017 15:17

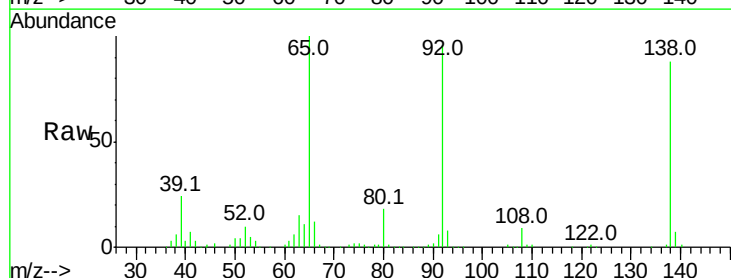
Tgt Ion:138 Resp: 175780

Ion Ratio Lower Upper

138 100

108 10.1 8.5 12.7

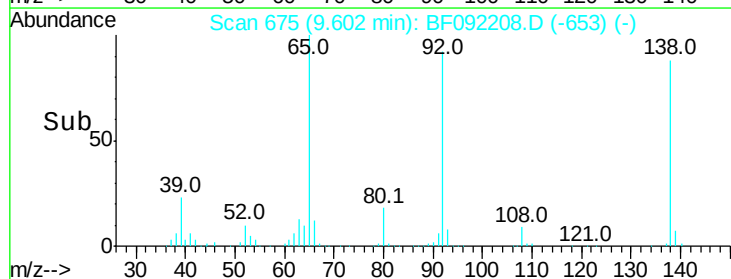
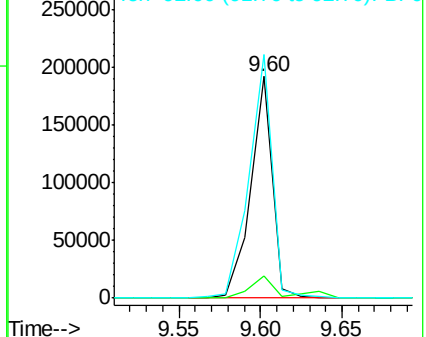
92 109.9 97.8 146.8

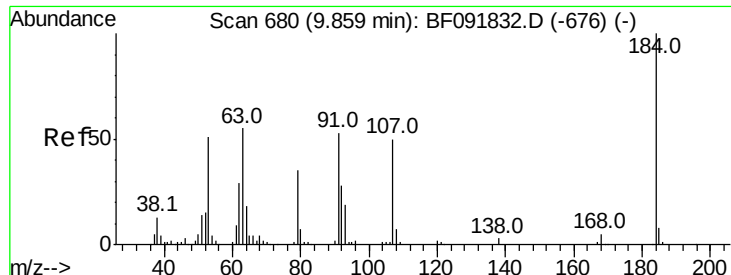


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

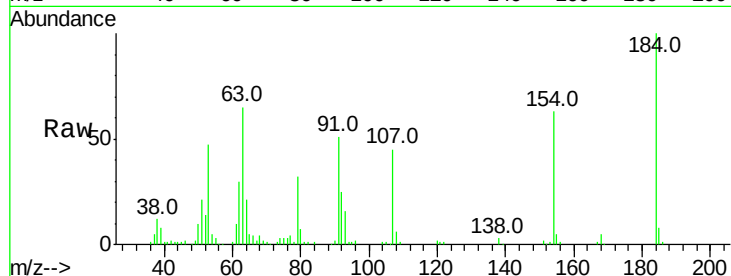




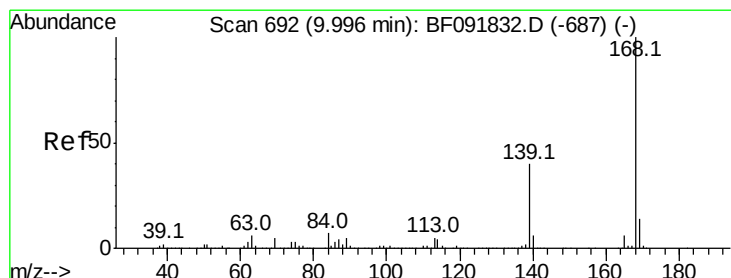
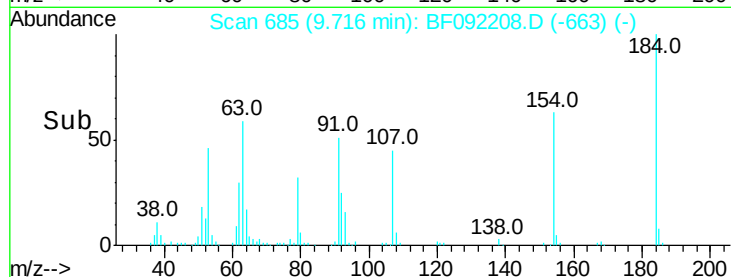
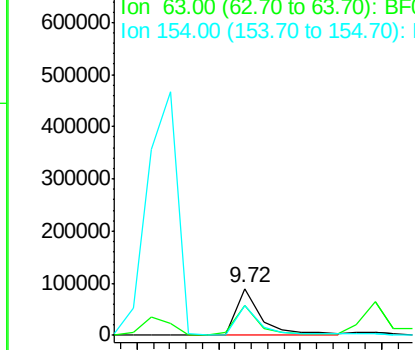
#53
 2,4-Dinitrophenol
 Concen: 34.66 ng
 RT: 9.72 min Scan# 685
 Delta R.T. -0.05 min
 Lab File: BF092208.D
 Acq: 12 Jan 2017 15:17

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 96999
 Ion Ratio Lower Upper
 184 100
 63 64.6 28.4 42.6#
 154 63.0 44.3 66.5

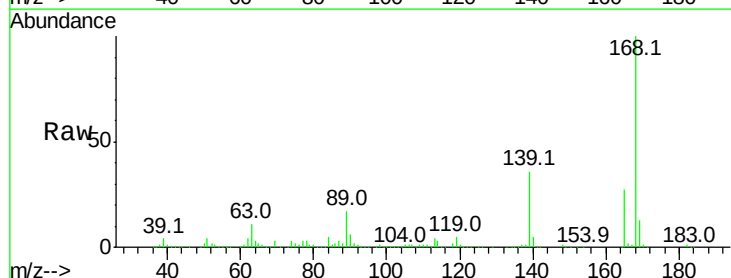


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

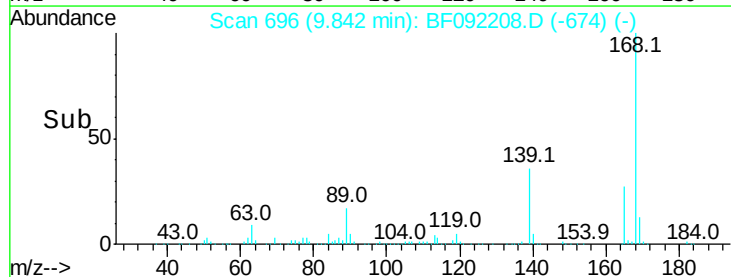
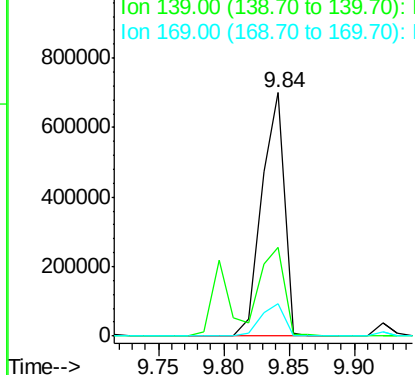


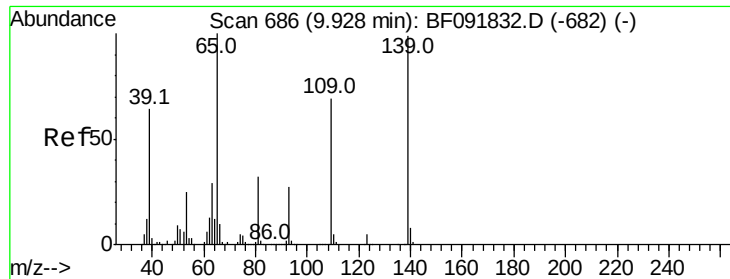
#54
 Dibenzofuran
 Concen: 30.80 ng
 RT: 9.84 min Scan# 696
 Delta R.T. -0.05 min
 Lab File: BF092208.D
 Acq: 12 Jan 2017 15:17

Tgt Ion:168 Resp: 844803
 Ion Ratio Lower Upper
 168 100
 139 36.3 32.6 49.0
 169 13.1 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: 52.44 ng

RT: 9.80 min Scan# 692

Delta R.T. -0.03 min

Lab File: BF092208.D

Acq: 12 Jan 2017 15:17

Instrument :

BNA_F

ClientSampled :

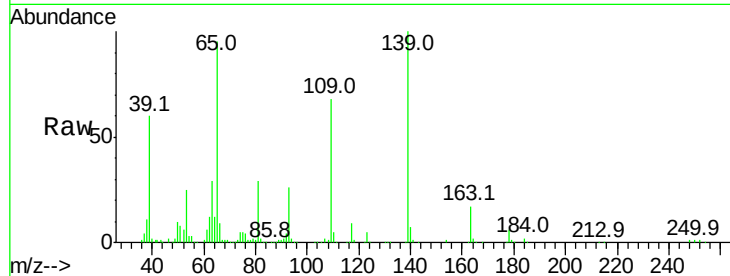
Tot Ion:139 Resp: 221646

Ion Ratio Lower Upper

139 100

109 68.3 52.2 92.2

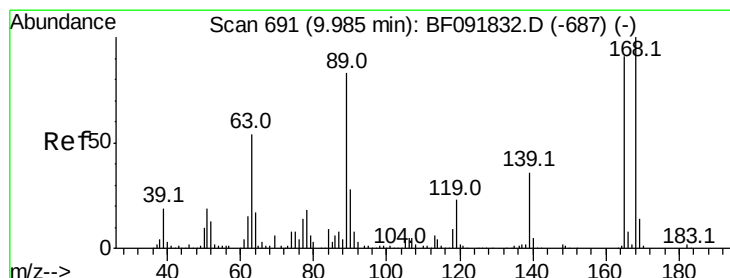
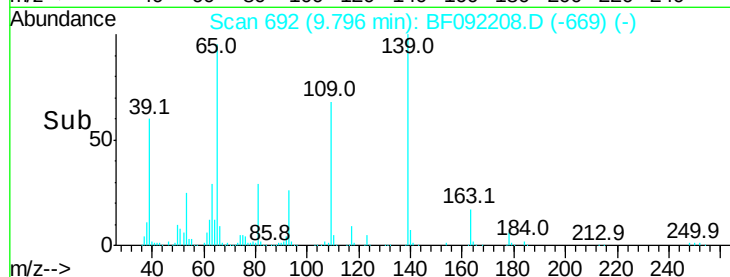
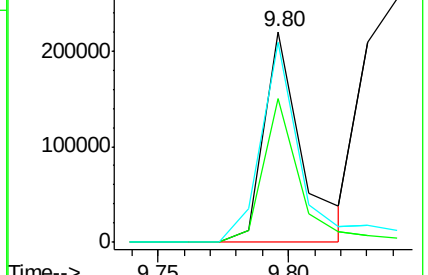
65 94.8 85.8 125.8



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 33.78 ng

RT: 9.84 min Scan# 696

Delta R.T. -0.05 min

Lab File: BF092208.D

Acq: 12 Jan 2017 15:17

Tgt Ion:165 Resp: 213268

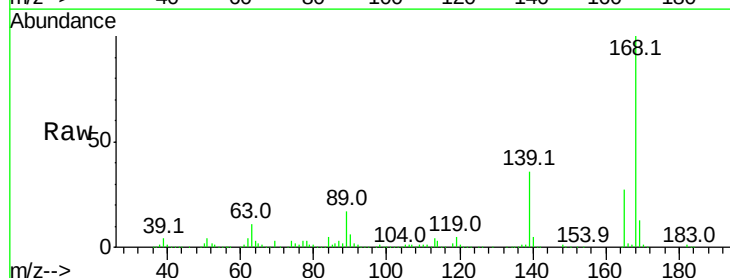
Ion Ratio Lower Upper

165 100

63 42.6 40.2 60.4

89 65.5 62.5 93.7

182 2.1 1.8 2.8

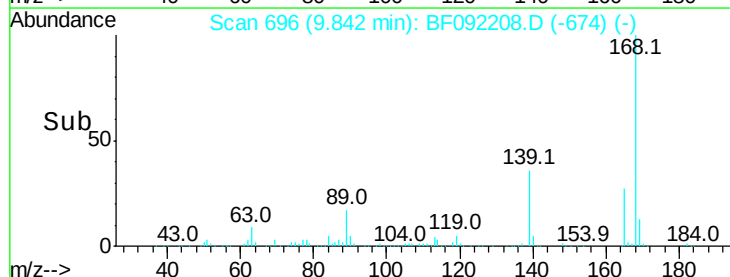
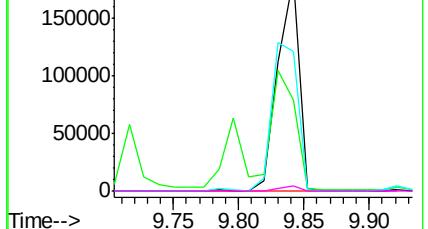


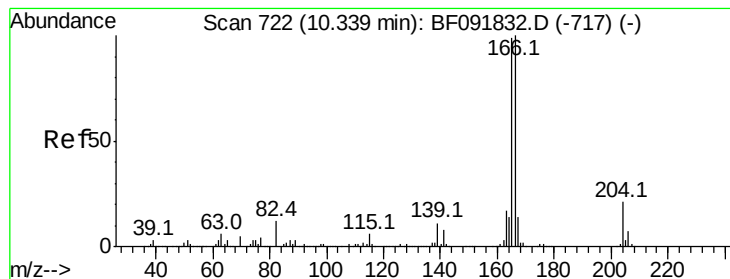
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 31.87 ng

RT: 10.17 min Scan# 725

Delta R.T. -0.06 min

Lab File: BF092208.D

Acq: 12 Jan 2017 15:17

Instrument :

BNA_F

ClientSampleId :

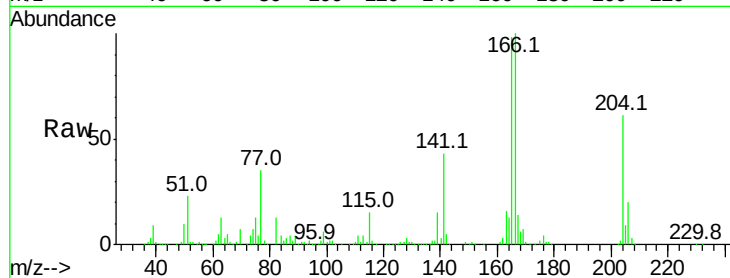
Tot Ion:166 Resp: 636044

Ion Ratio Lower Upper

166 100

165 97.8 77.8 116.8

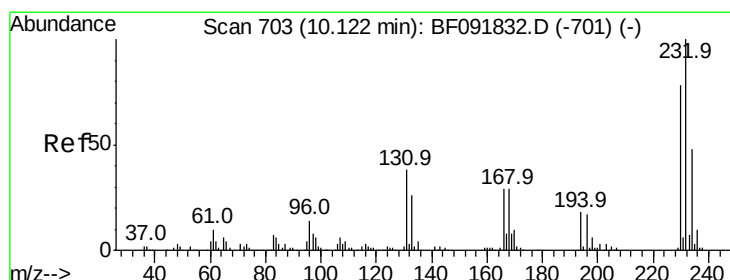
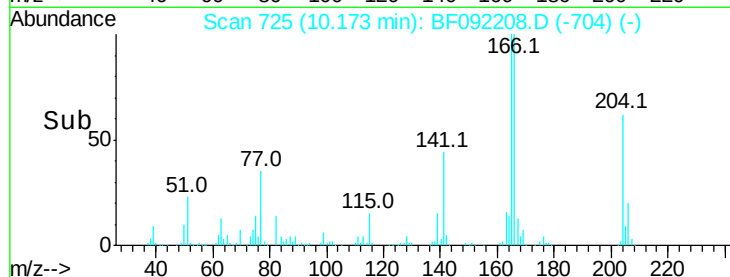
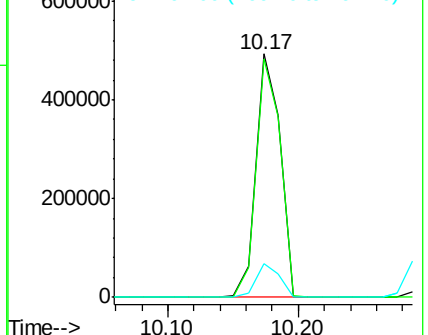
167 13.9 10.8 16.2



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: 32.86 ng

RT: 9.97 min Scan# 707

Delta R.T. -0.05 min

Lab File: BF092208.D

Acq: 12 Jan 2017 15:17

Tgt Ion:232 Resp: 169806

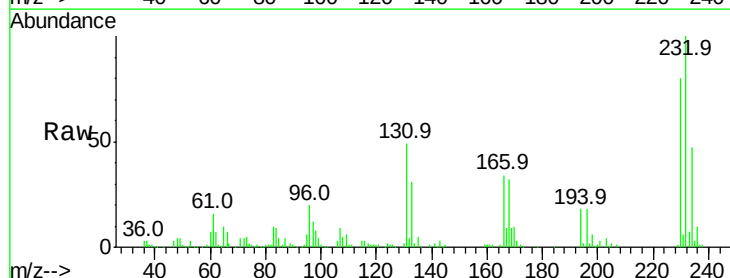
Ion Ratio Lower Upper

232 100

131 48.2 40.1 60.1

130 2.3 1.8 2.8

166 30.9 26.6 39.8

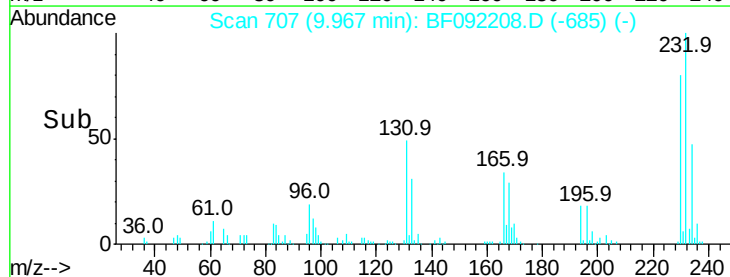
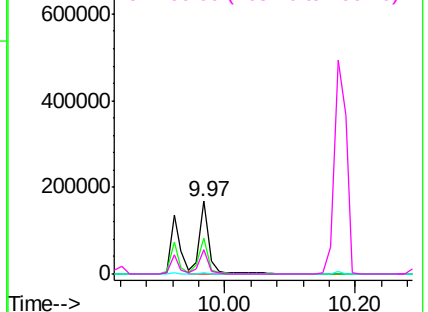


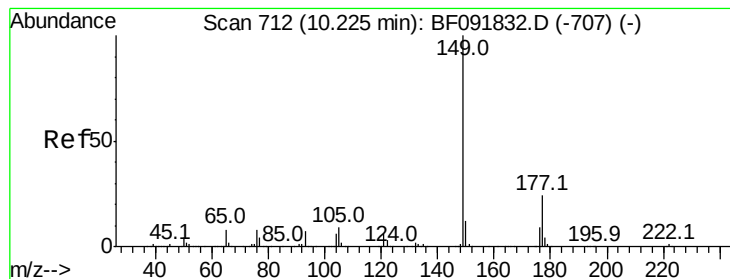
Abundance Ion 232.00 (231.70 to 232.70): E

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: 33.86 ng

RT: 10.07 min Scan# 716

Delta R.T. -0.05 min

Lab File: BF092208.D

Acq: 12 Jan 2017 15:17

Instrument :

BNA_F

ClientSampled :

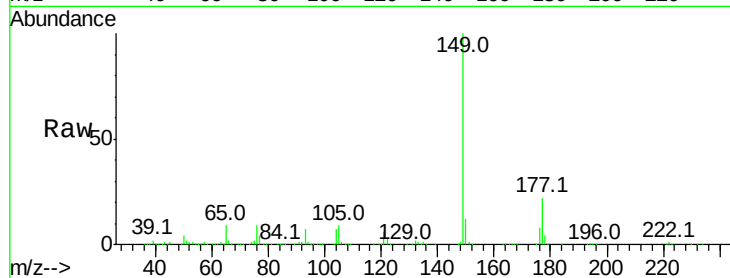
Tot Ion:149 Resp: 755611

Ion Ratio Lower Upper

149 100

177 22.3 16.6 25.0

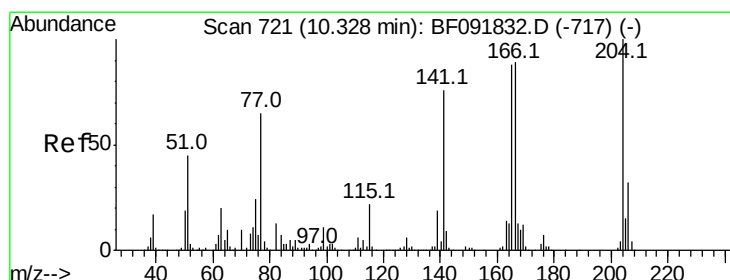
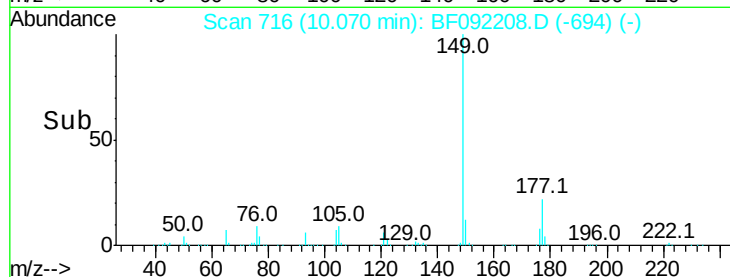
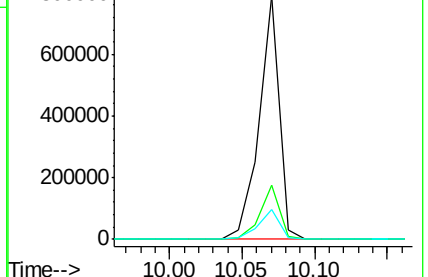
150 12.4 10.4 15.6



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: 32.66 ng

RT: 10.17 min Scan# 725

Delta R.T. -0.05 min

Lab File: BF092208.D

Acq: 12 Jan 2017 15:17

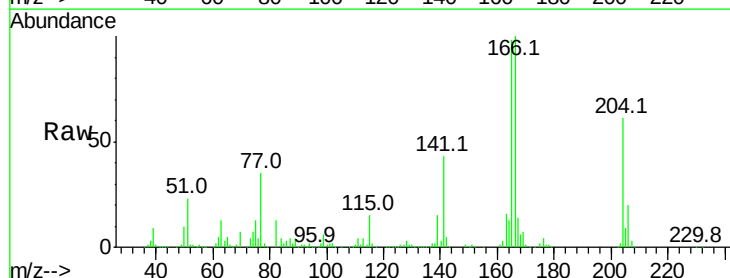
Tgt Ion:204 Resp: 285408

Ion Ratio Lower Upper

204 100

206 31.9 25.8 38.6

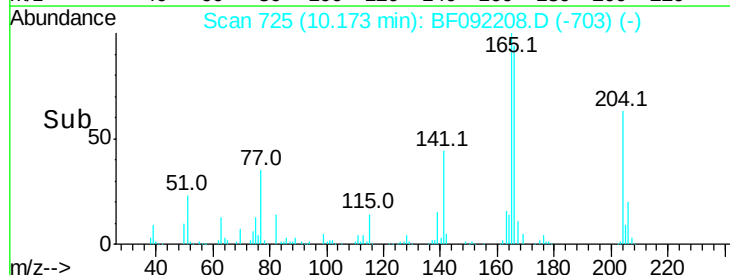
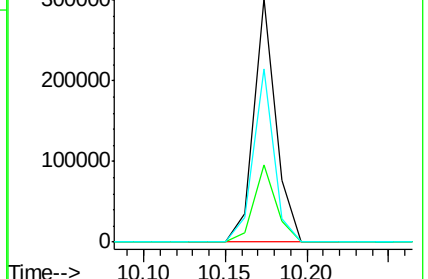
141 70.9 59.4 89.0

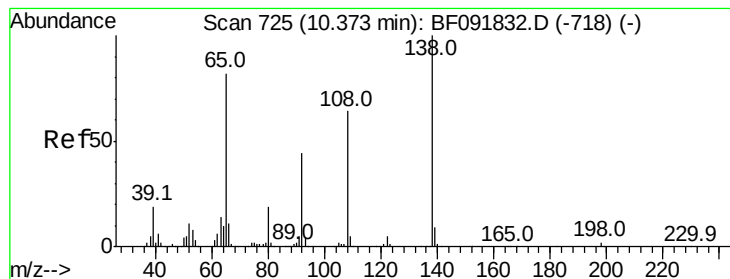


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 26.44 ng

RT: 10.21 min Scan# 728

Delta R.T. -0.06 min

Lab File: BF092208.D

Acq: 12 Jan 2017 15:17

Instrument :

BNA_F

ClientSampleId :

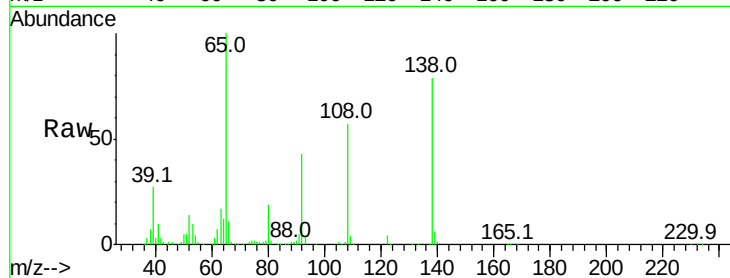
Tot Ion:138 Resp: 170574

Ion Ratio Lower Upper

138 100

92 54.8 31.7 71.7

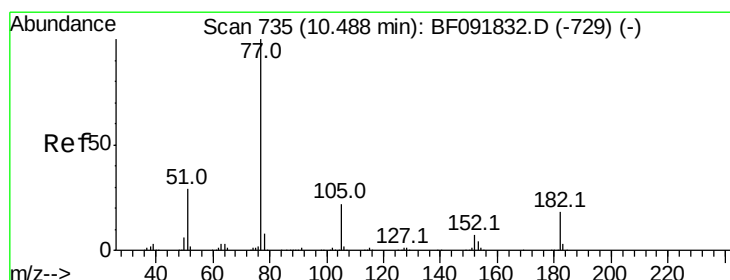
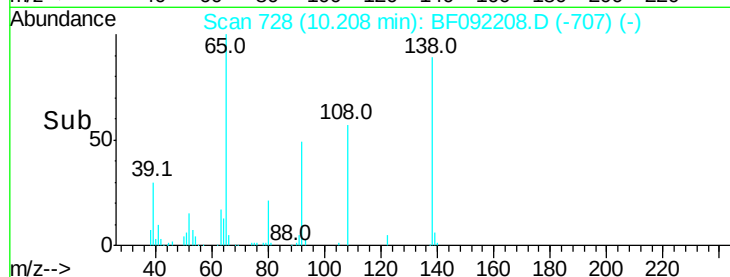
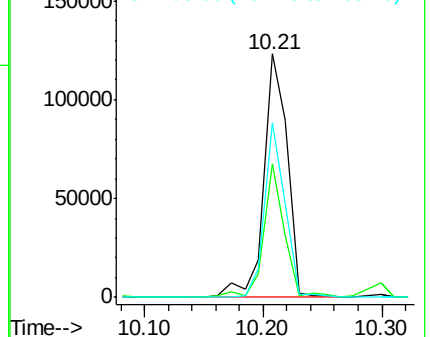
108 71.4 52.6 92.6



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: 33.65 ng

RT: 10.33 min Scan# 739

Delta R.T. -0.05 min

Lab File: BF092208.D

Acq: 12 Jan 2017 15:17

Tgt Ion: 77 Resp: 826766

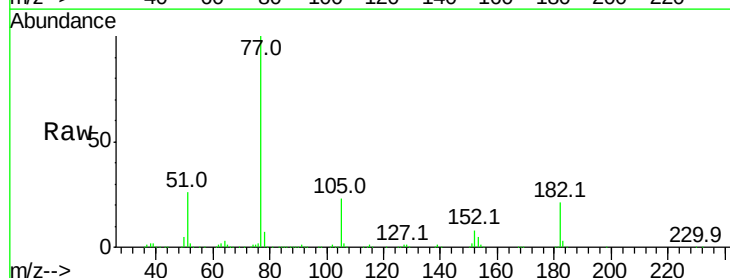
Ion Ratio Lower Upper

77 100

182 21.1 0.0 39.3

105 22.8 2.3 42.3

51 26.5 8.9 48.9

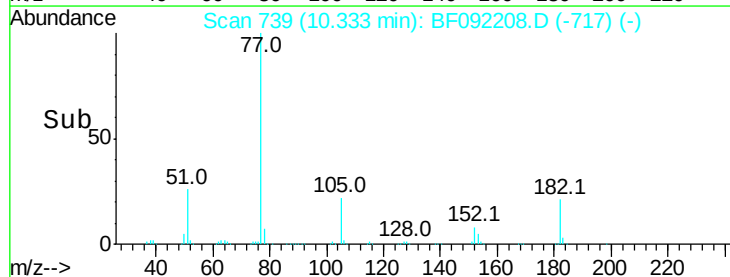
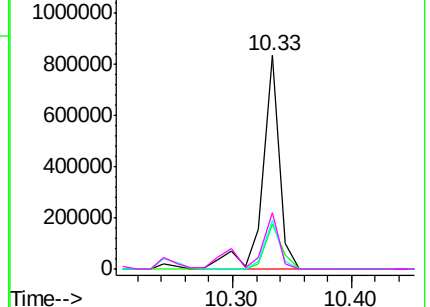


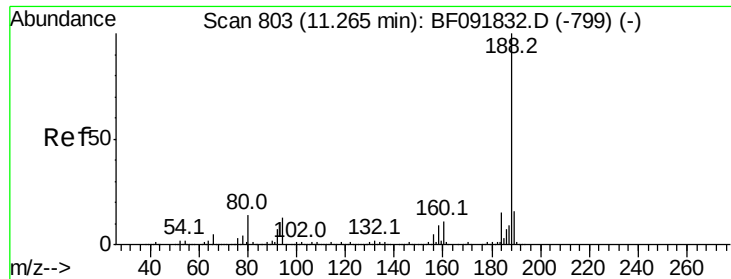
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

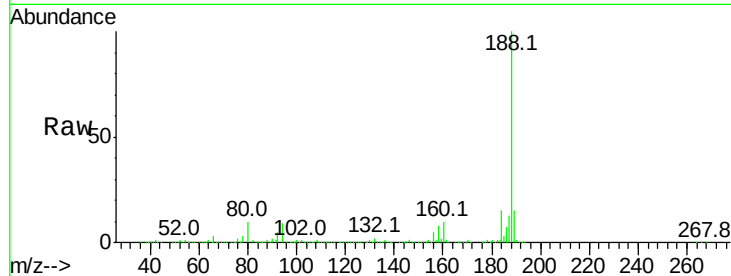




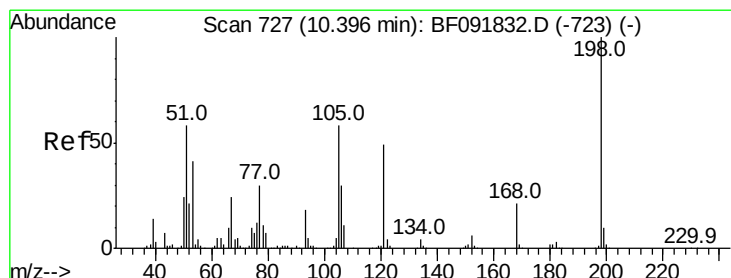
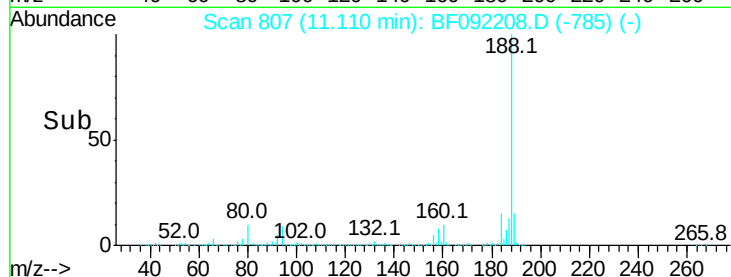
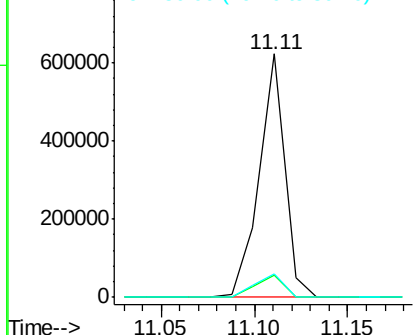
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 807
Delta R.T. -0.05 min
Lab File: BF092208.D
Acq: 12 Jan 2017 15:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 589419
Ion Ratio Lower Upper
188 100
94 9.4 10.0 15.0#
80 9.8 11.2 16.8#

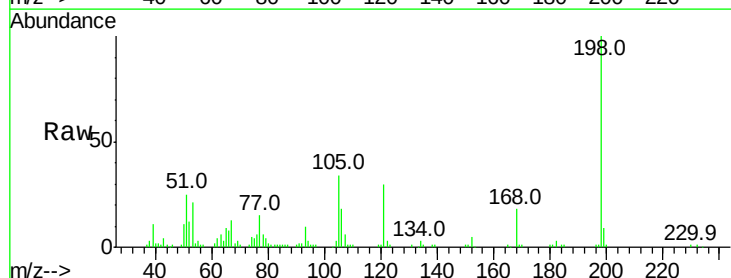


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

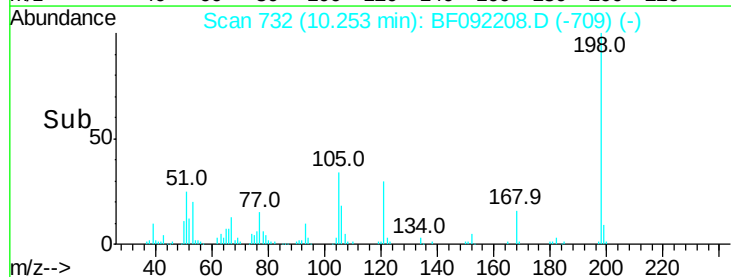
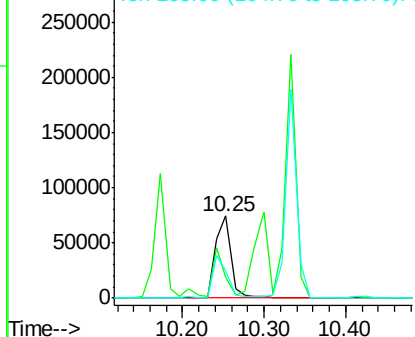


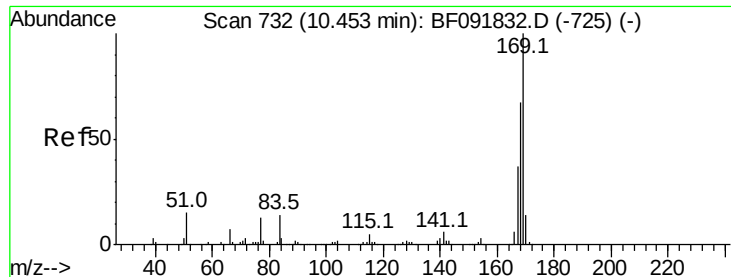
#64
4,6-Dinitro-2-methylphenol
Concen: 28.20 ng
RT: 10.25 min Scan# 732
Delta R.T. -0.03 min
Lab File: BF092208.D
Acq: 12 Jan 2017 15:17

Tgt Ion:198 Resp: 100517
Ion Ratio Lower Upper
198 100
51 25.4 6.7 46.7
105 33.7 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: 35.65 ng

RT: 10.30 min Scan# 736

Delta R.T. -0.05 min

Lab File: BF092208.D

Acq: 12 Jan 2017 15:17

Instrument :

BNA_F

ClientSampleId :

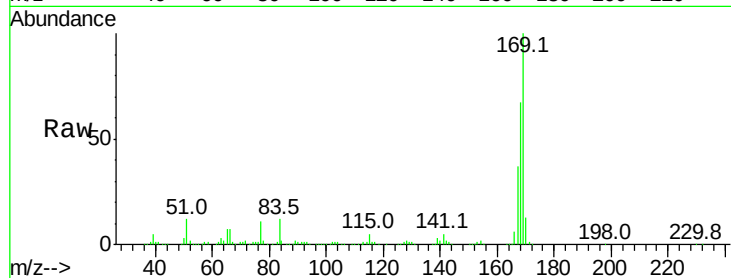
Tot Ion:169 Resp: 623591

Ion Ratio Lower Upper

169 100

168 67.1 54.2 81.2

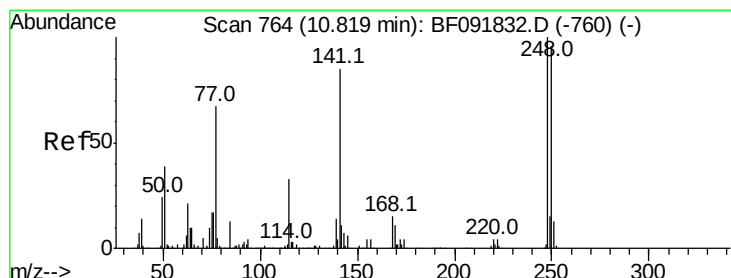
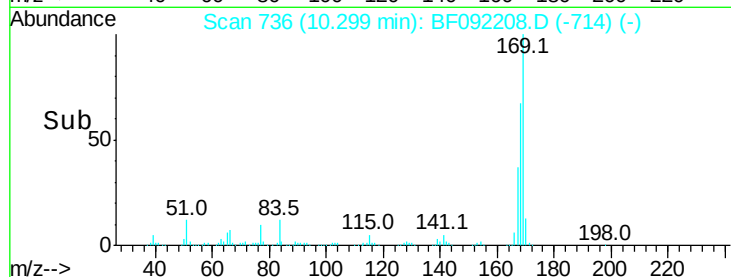
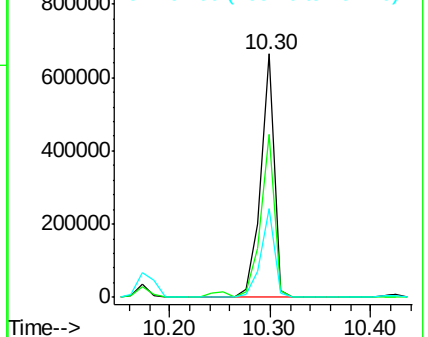
167 36.7 30.2 45.4



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: 33.30 ng

RT: 10.66 min Scan# 768

Delta R.T. -0.05 min

Lab File: BF092208.D

Acq: 12 Jan 2017 15:17

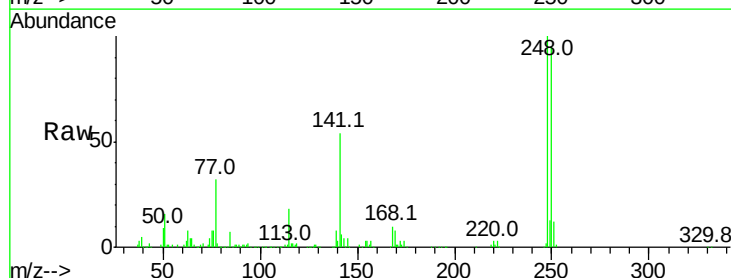
Tgt Ion:248 Resp: 204199

Ion Ratio Lower Upper

248 100

250 95.2 76.9 115.3

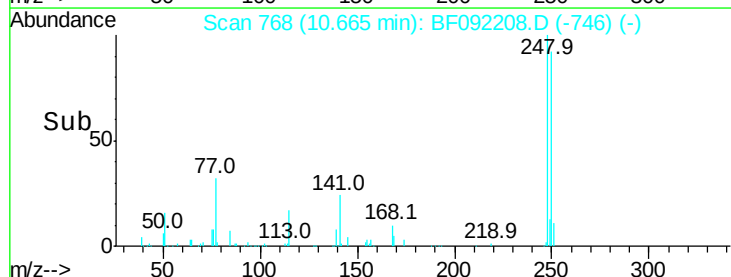
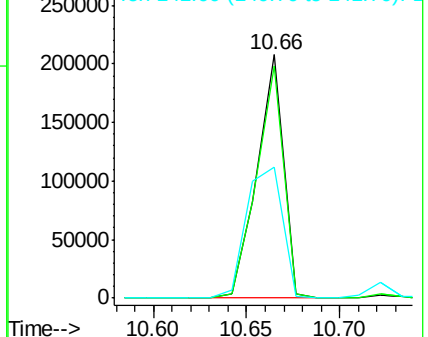
141 53.8 68.2 102.4#

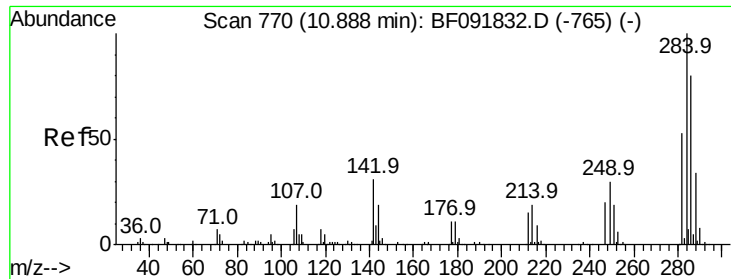


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

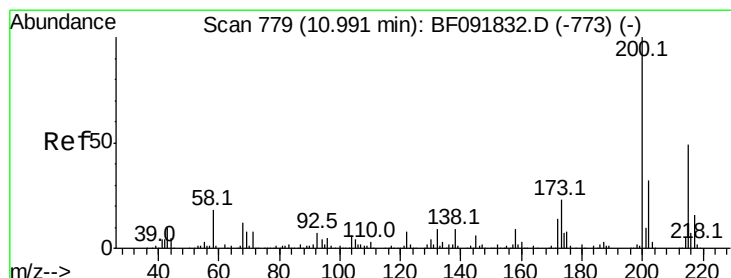
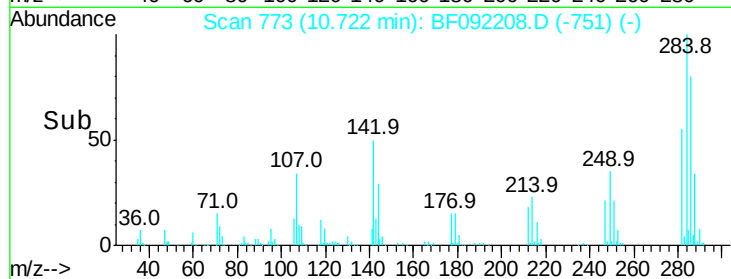
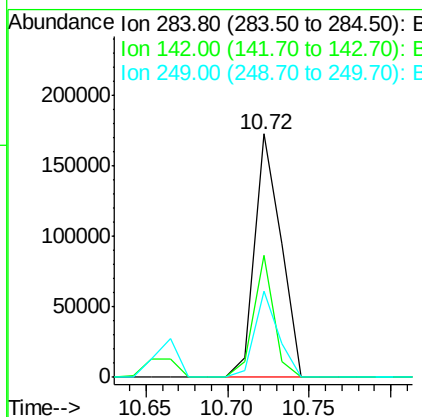
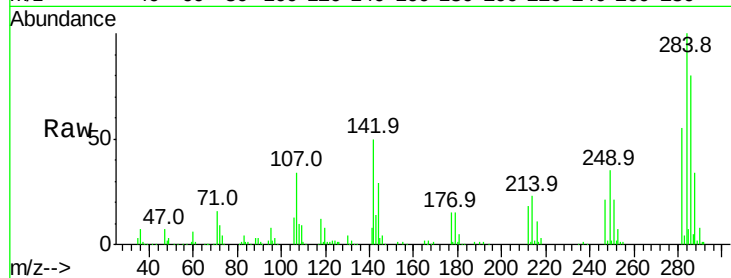




#67
Hexachlorobenzene
Concen: 29.58 ng
RT: 10.72 min Scan# 773
Delta R.T. -0.05 min
Lab File: BF092208.D
Acq: 12 Jan 2017 15:17

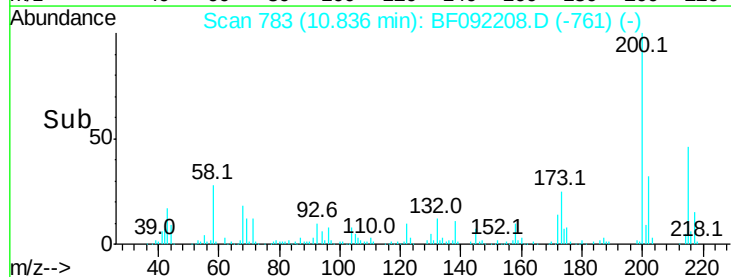
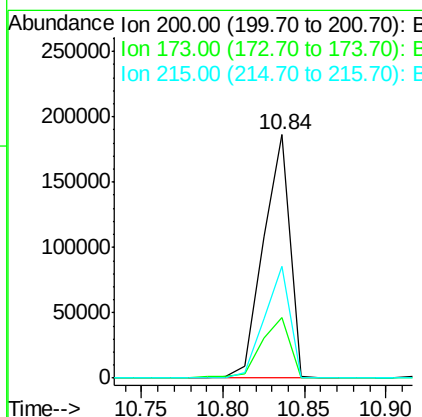
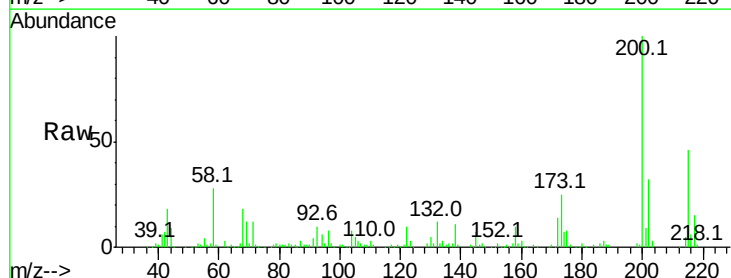
Instrument :
BNA_F
ClientSampled :

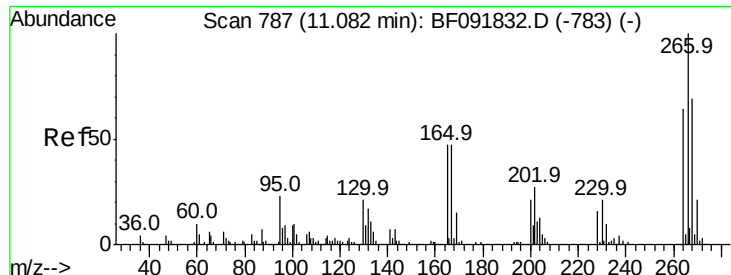
Tot Ion	Ratio	Lower	Upper
284	100		
142	49.9	22.6	33.8#
249	35.2	25.4	38.0



#68
Atrazine
Concen: 37.10 ng
RT: 10.84 min Scan# 783
Delta R.T. -0.05 min
Lab File: BF092208.D
Acq: 12 Jan 2017 15:17

Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.7	9.6	49.6
215	45.8	25.7	65.7

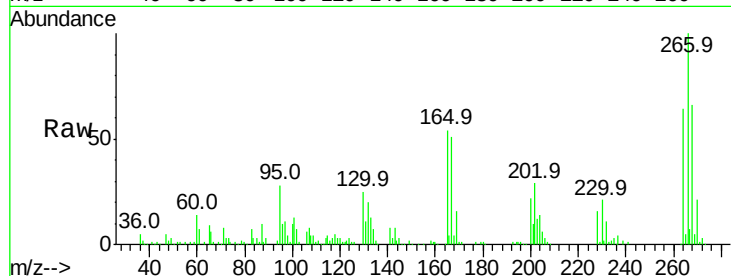




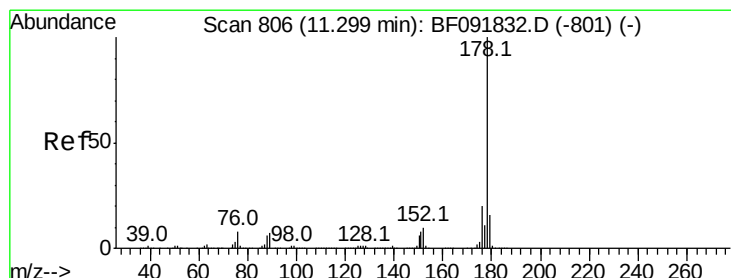
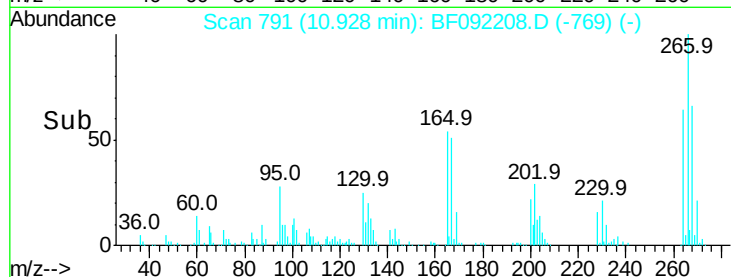
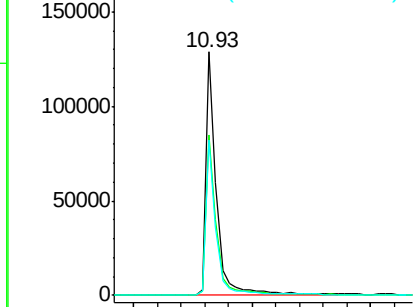
#69
 Pentachlorophenol
 Concen: 50.79 ng
 RT: 10.93 min Scan# 791
 Delta R.T. -0.05 min
 Lab File: BF092208.D
 Acq: 12 Jan 2017 15:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 163334
 Ion Ratio Lower Upper
 266 100
 268 65.7 53.3 79.9
 264 63.9 50.3 75.5

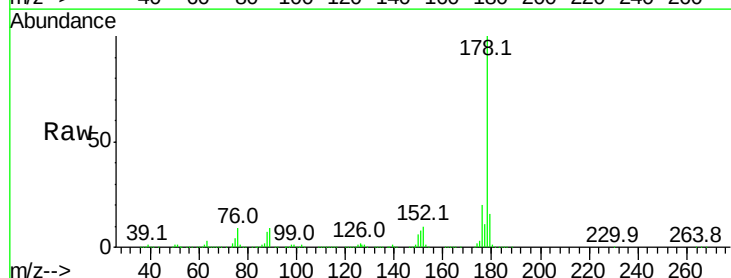


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

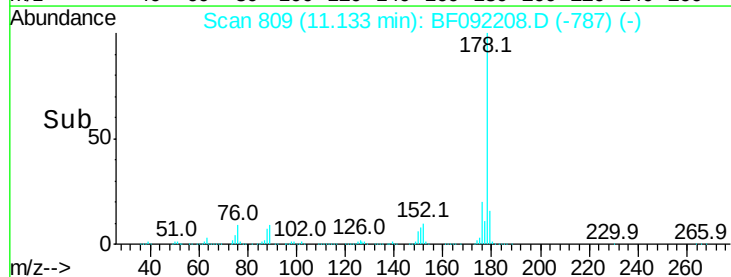
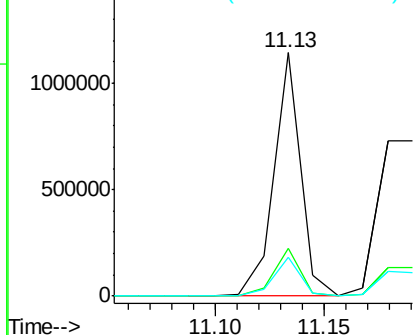


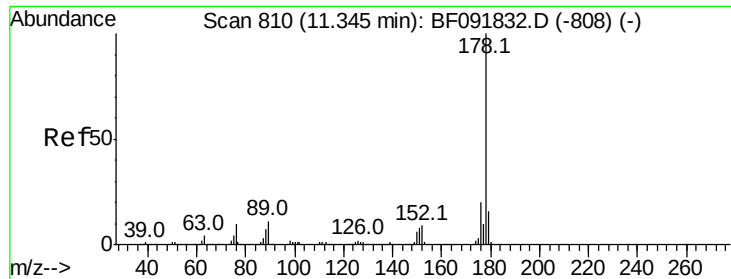
#70
 Phenanthrene
 Concen: 30.90 ng
 RT: 11.13 min Scan# 809
 Delta R.T. -0.05 min
 Lab File: BF092208.D
 Acq: 12 Jan 2017 15:17

Tgt Ion:178 Resp: 987642
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.6 25.0
 179 15.8 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

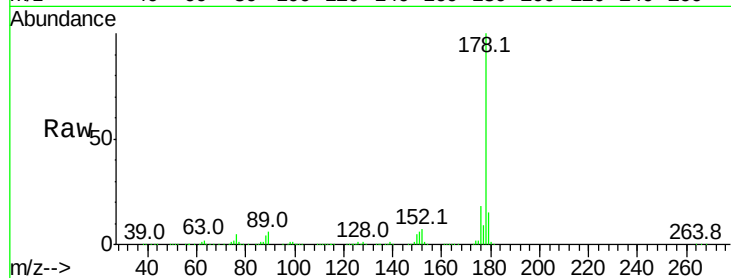




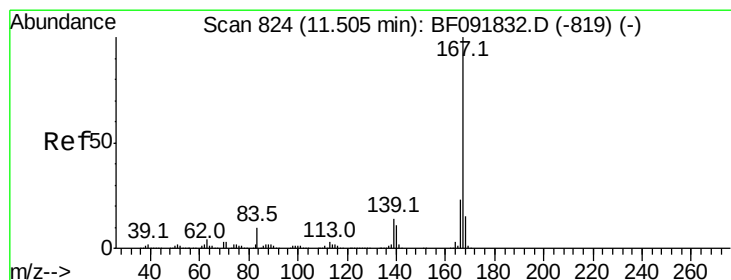
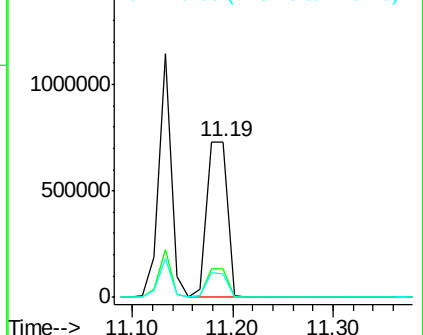
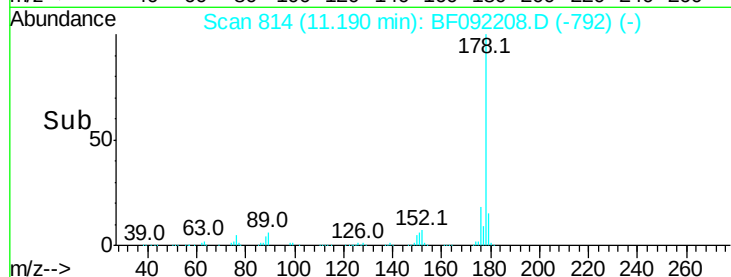
#71
 Anthracene
 Concen: 33.65 ng
 RT: 11.19 min Scan# 814
 Delta R.T. -0.05 min
 Lab File: BF092208.D
 Acq: 12 Jan 2017 15:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 1037548
 Ion Ratio Lower Upper
 178 100
 176 18.2 15.9 23.9
 179 15.2 13.2 19.8

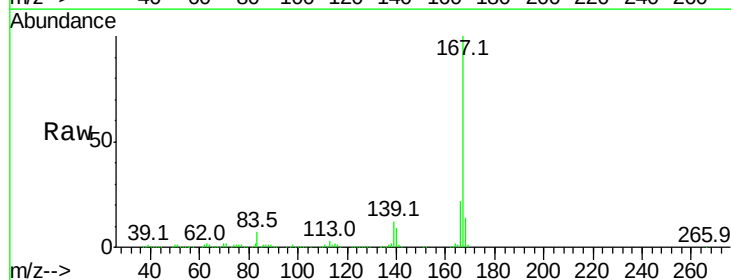


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

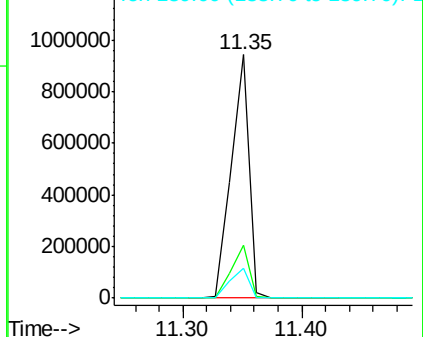
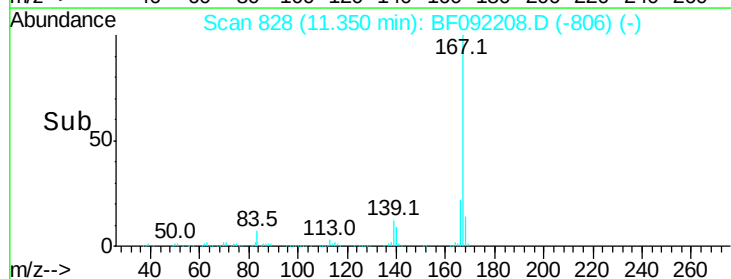


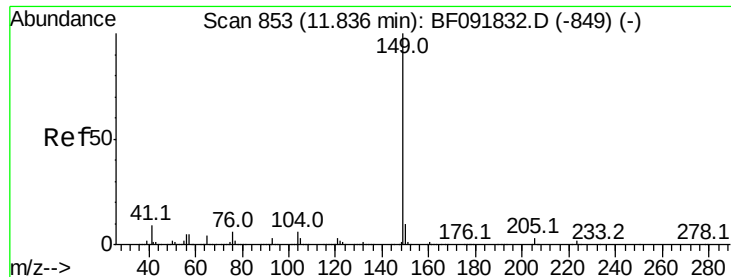
#72
 Carbazole
 Concen: 33.40 ng
 RT: 11.35 min Scan# 828
 Delta R.T. -0.05 min
 Lab File: BF092208.D
 Acq: 12 Jan 2017 15:17

Tgt Ion:167 Resp: 979951
 Ion Ratio Lower Upper
 167 100
 166 21.6 18.2 27.2
 139 12.4 11.4 17.2



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 35.48 ng

RT: 11.68 min Scan# 857

Delta R.T. -0.05 min

Lab File: BF092208.D

Acq: 12 Jan 2017 15:17

Instrument :

BNA_F

ClientSampleId :

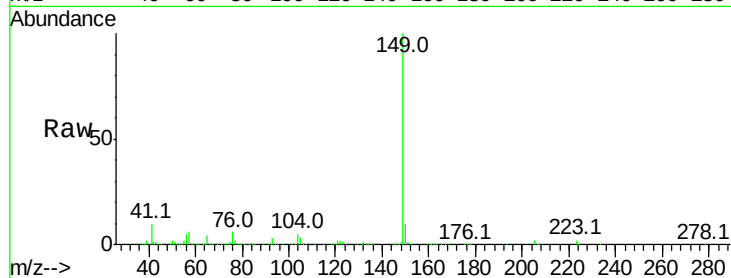
Tot Ion:149 Resp: 1100665

Ion Ratio Lower Upper

149 100

150 9.6 8.1 12.1

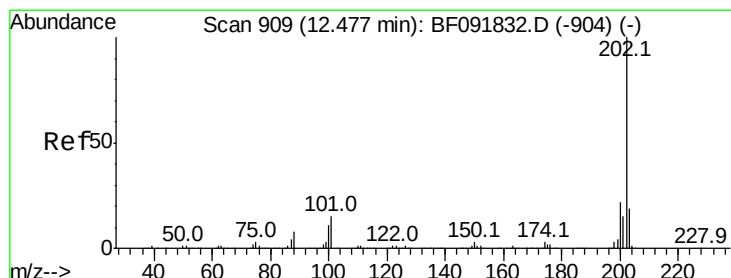
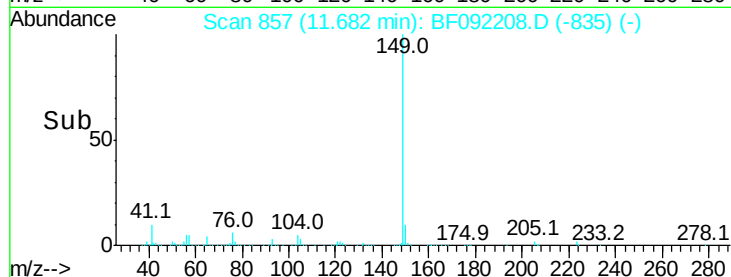
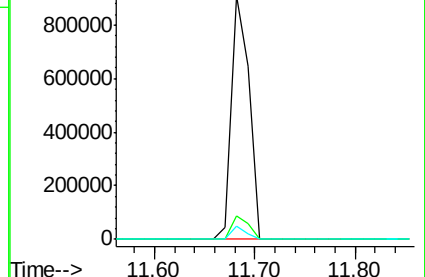
104 5.3 4.6 7.0



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: 33.16 ng

RT: 12.31 min Scan# 912

Delta R.T. -0.06 min

Lab File: BF092208.D

Acq: 12 Jan 2017 15:17

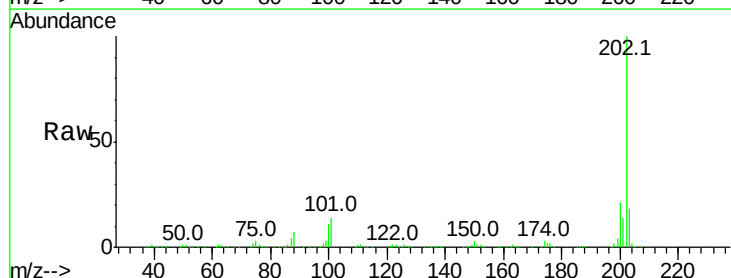
Tgt Ion:202 Resp: 958055

Ion Ratio Lower Upper

202 100

101 14.3 0.0 34.6

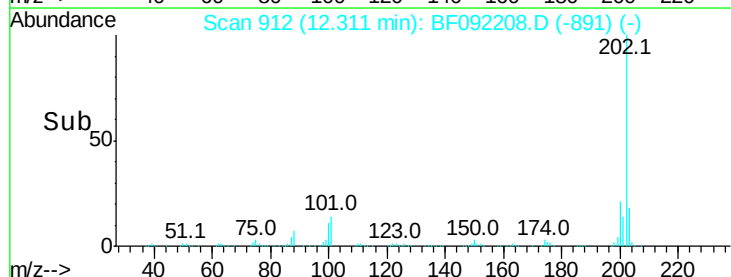
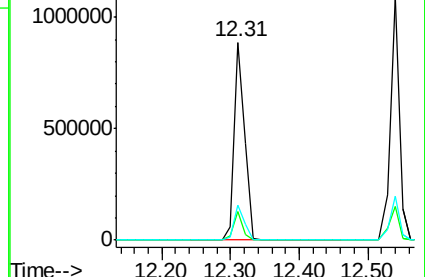
203 17.7 0.0 38.7

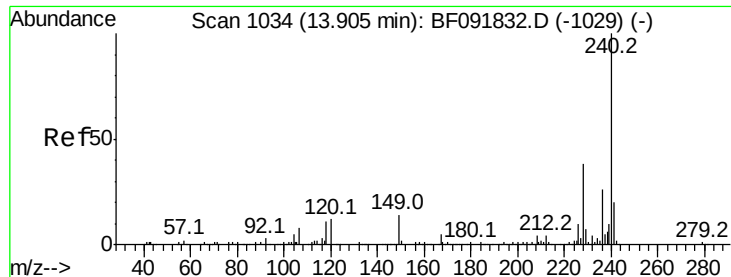


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF092208.D

Acq: 12 Jan 2017 15:17

Instrument :

BNA_F

ClientSampleId :

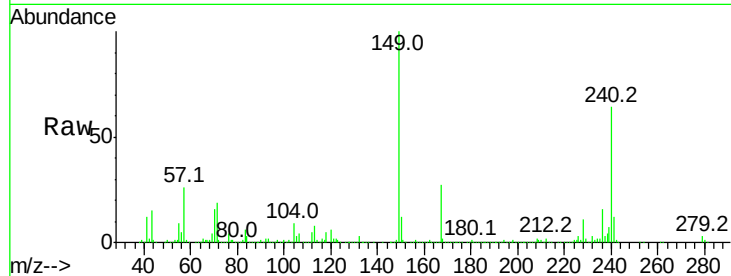
Tot Ion:240 Resp: 388516

Ion Ratio Lower Upper

240 100

120 9.5 12.9 19.3#

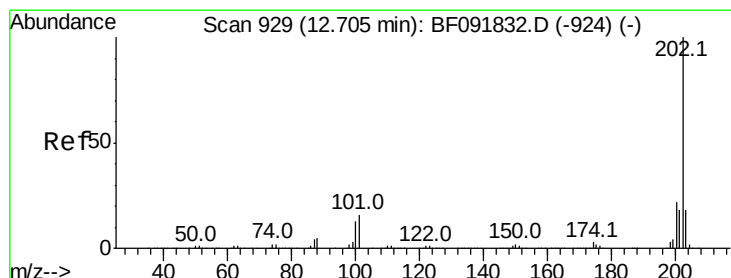
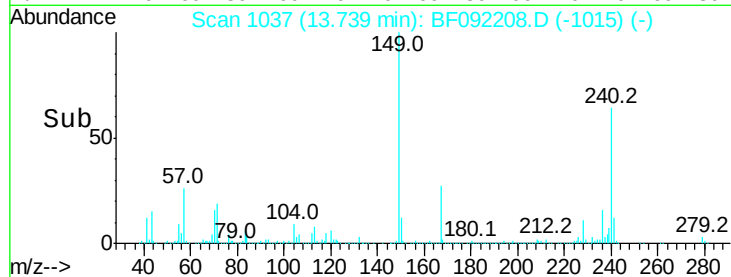
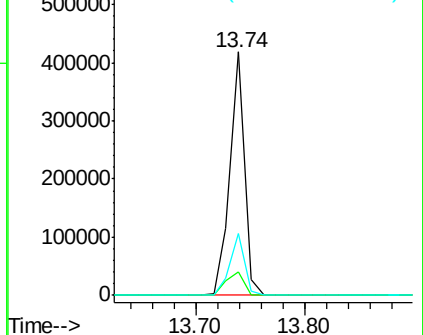
236 25.4 20.9 31.3



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



#77

Pyrene

Concen: 34.79 ng

RT: 12.54 min Scan# 932

Delta R.T. -0.05 min

Lab File: BF092208.D

Acq: 12 Jan 2017 15:17

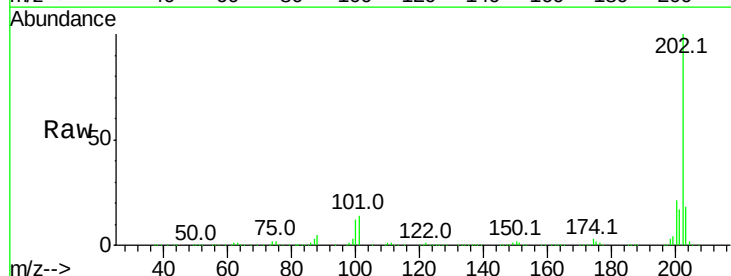
Tgt Ion:202 Resp: 991624

Ion Ratio Lower Upper

202 100

200 21.1 17.7 26.5

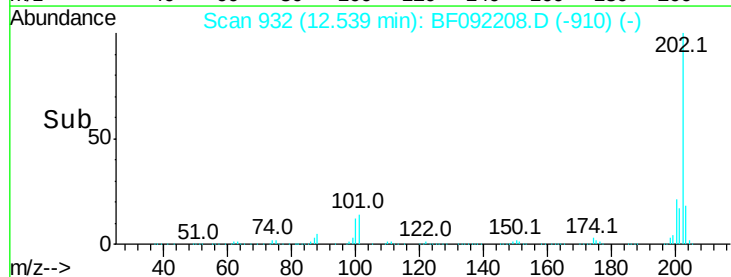
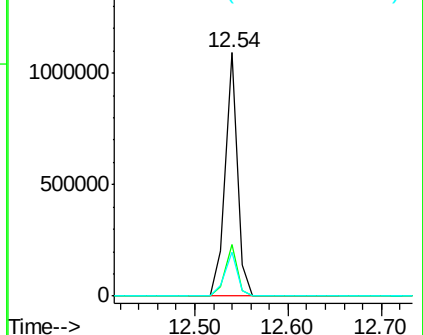
203 18.0 14.7 22.1

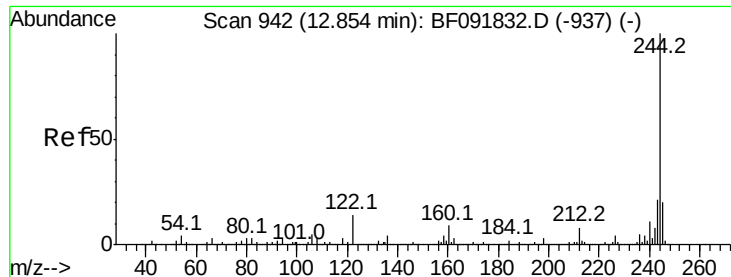


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

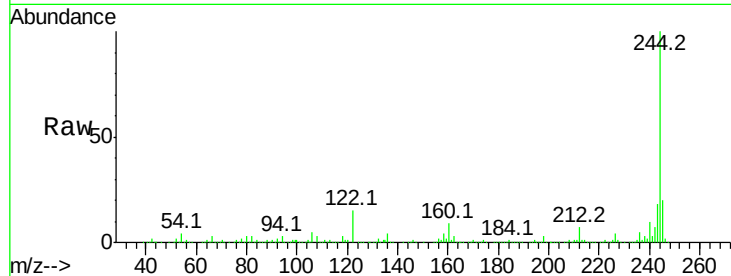




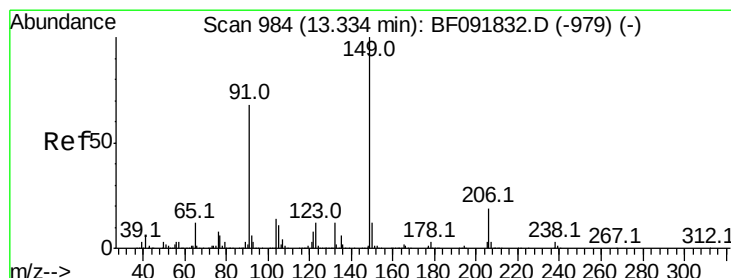
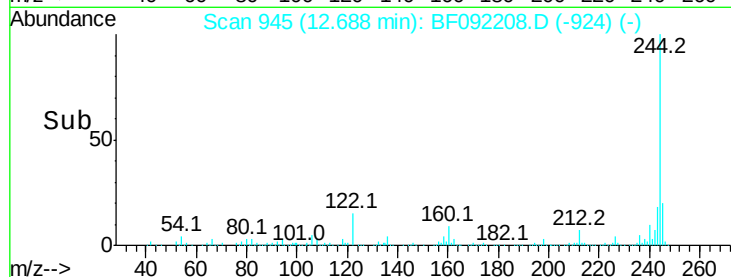
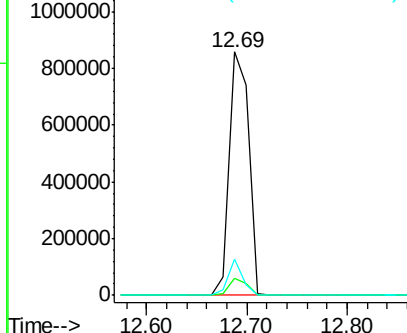
#78
 Terphenyl-d14
 Concen: 71.82 ng
 RT: 12.69 min Scan# 945
 Delta R.T. -0.06 min
 Lab File: BF092208.D
 Acq: 12 Jan 2017 15:17

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 1150534
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.2
 122 14.8 11.4 17.2

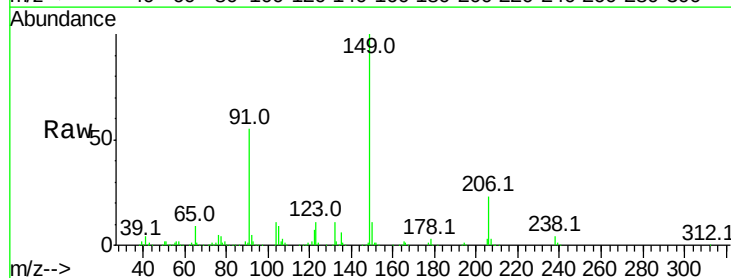


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

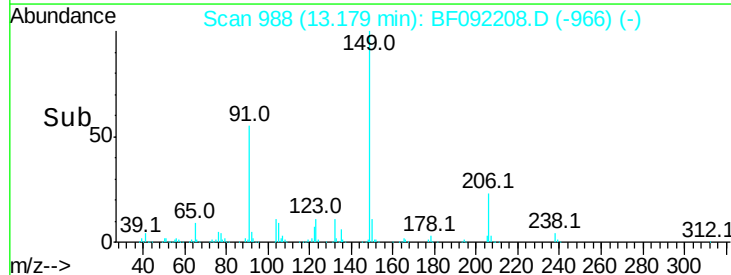
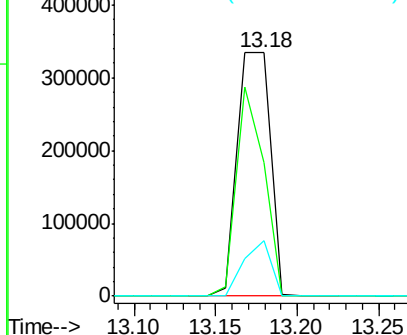


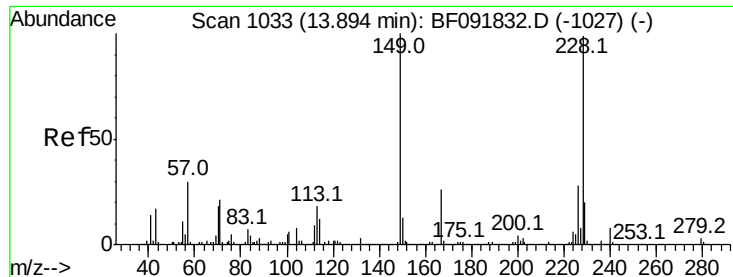
#79
 Butylbenzylphthalate
 Concen: 36.18 ng
 RT: 13.18 min Scan# 988
 Delta R.T. -0.05 min
 Lab File: BF092208.D
 Acq: 12 Jan 2017 15:17

Tgt Ion:149 Resp: 469073
 Ion Ratio Lower Upper
 149 100
 91 54.9 63.9 95.9#
 206 23.0 14.6 21.8#



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

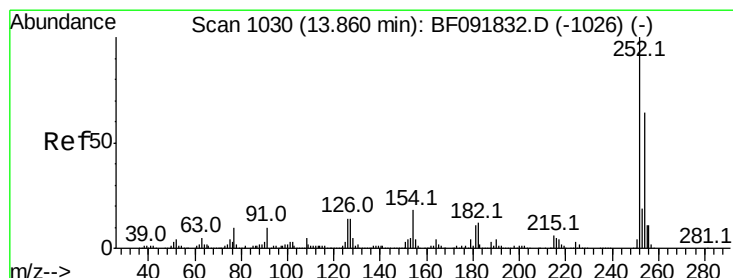
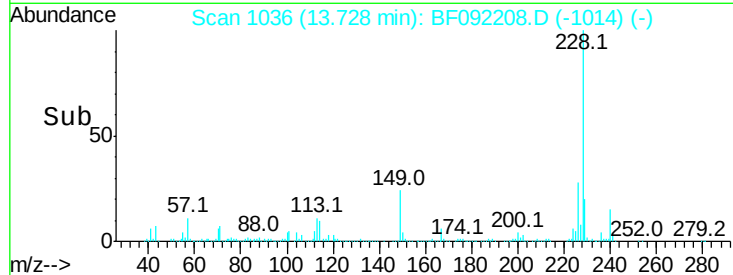
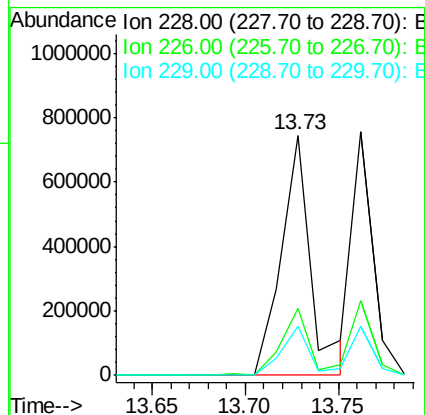
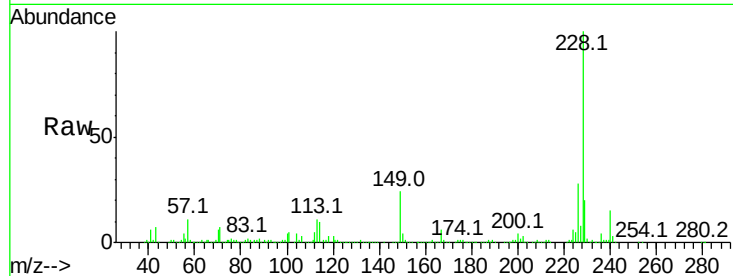




#80
Benzo(a)anthracene
Concen: 37.52 ng
RT: 13.73 min Scan# 1036
Delta R.T. -0.05 min
Lab File: BF092208.D
Acq: 12 Jan 2017 15:17

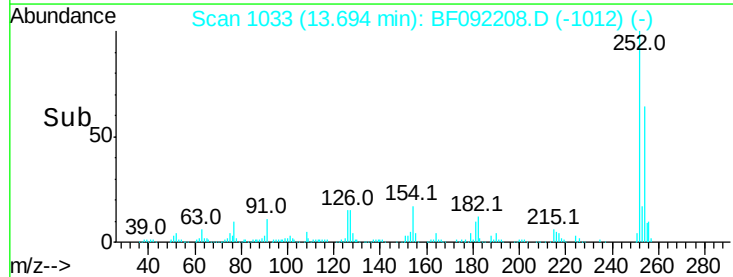
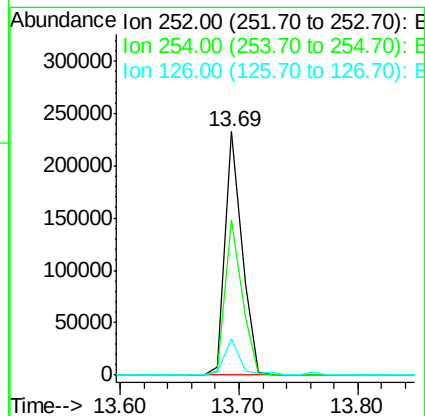
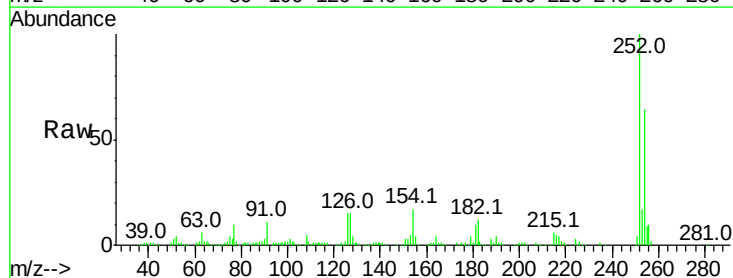
Instrument :
BNA_F
ClientSampleId :

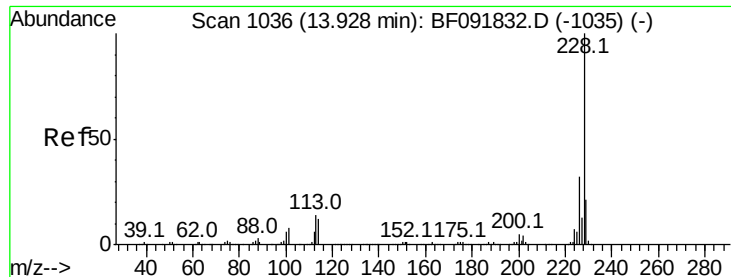
Tot Ion:228 Resp: 822905
Ion Ratio Lower Upper
228 100
226 27.7 22.4 33.6
229 20.2 16.2 24.4



#81
3,3'-Dichlorobenzidine
Concen: 27.27 ng
RT: 13.69 min Scan# 1033
Delta R.T. -0.06 min
Lab File: BF092208.D
Acq: 12 Jan 2017 15:17

Tgt Ion:252 Resp: 226747
Ion Ratio Lower Upper
252 100
254 64.0 52.3 78.5
126 14.9 13.6 20.4





#82

Chrysene

Concen: 27.47 ng

RT: 13.76 min Scan# 1039

Delta R.T. -0.05 min

Lab File: BF092208.D

Acq: 12 Jan 2017 15:17

Instrument :

BNA_F

ClientSampled :

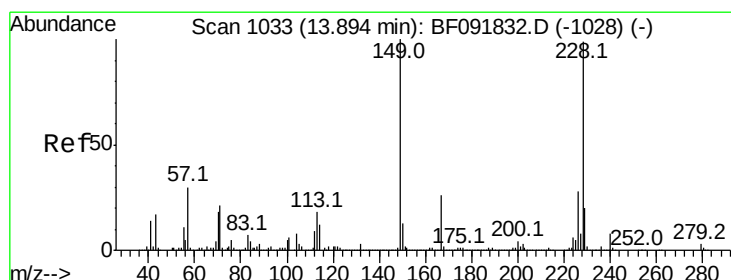
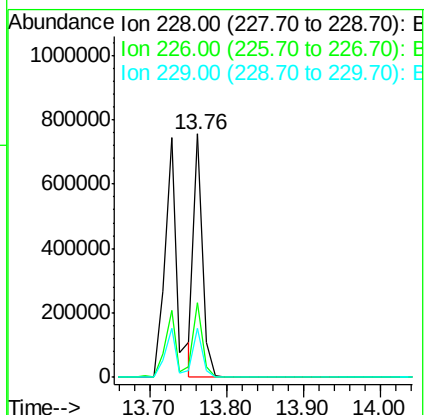
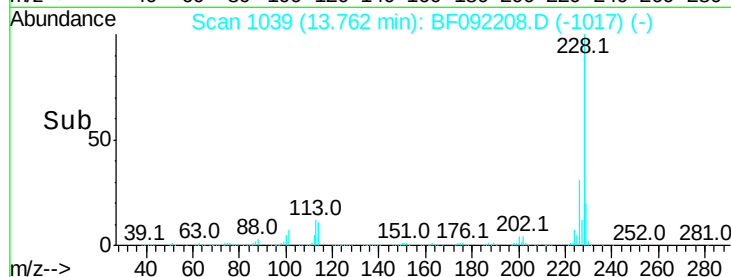
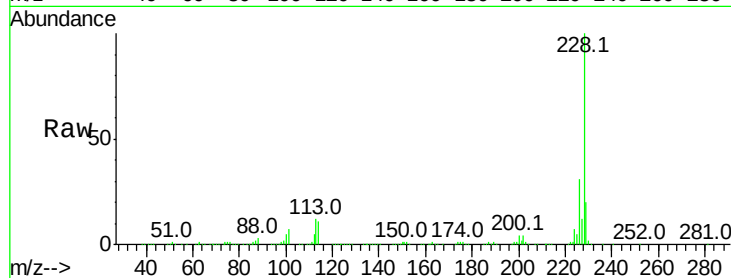
Tot Ion:228 Resp: 604218

Ion Ratio Lower Upper

228 100

226 30.7 25.4 38.0

229 19.9 16.2 24.2



#83

Bis(2-ethylhexyl)phthalate

Concen: 40.33 ng

RT: 13.74 min Scan# 1037

Delta R.T. -0.05 min

Lab File: BF092208.D

Acq: 12 Jan 2017 15:17

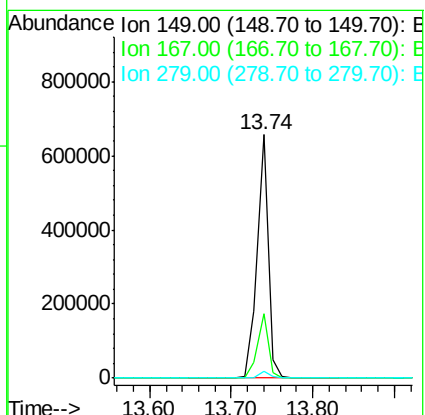
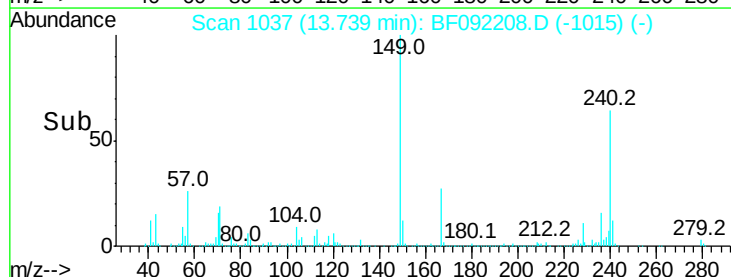
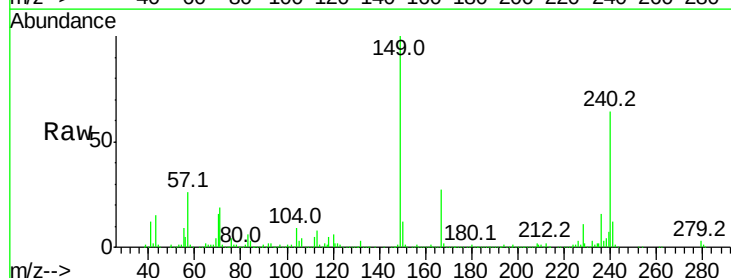
Tgt Ion:149 Resp: 615832

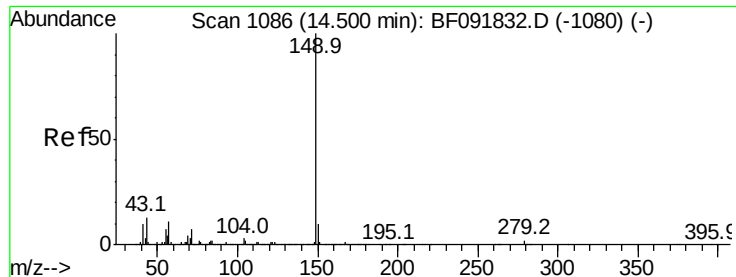
Ion Ratio Lower Upper

149 100

167 26.7 20.2 30.4

279 3.0 1.8 2.8#

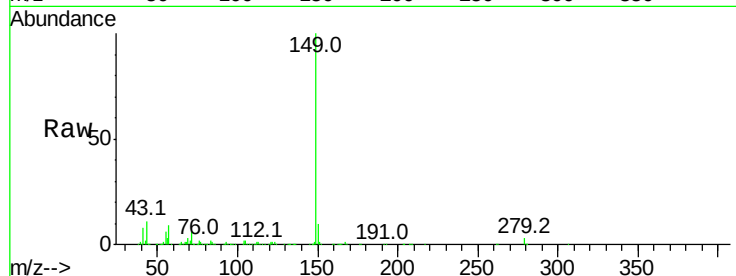




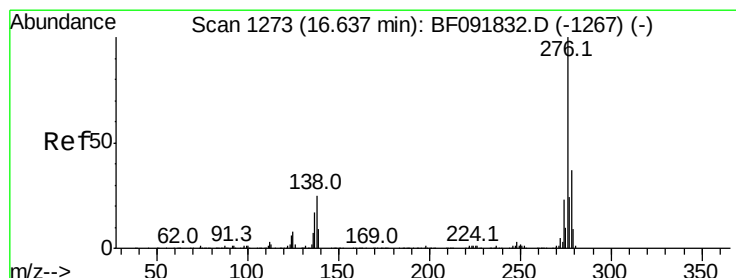
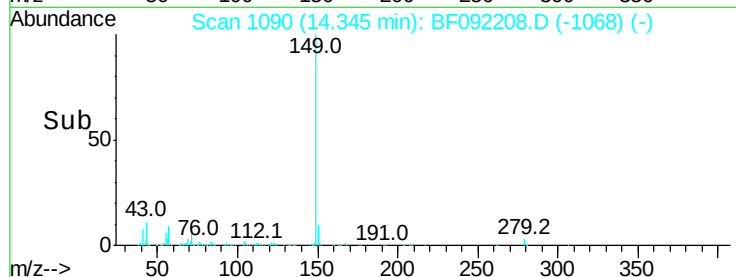
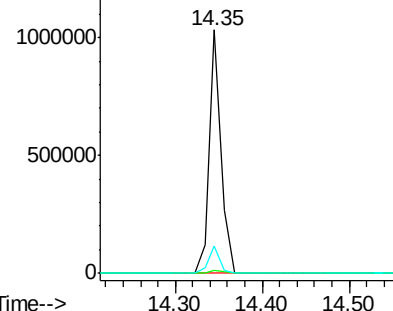
#84
Di-n-octyl phthalate
Concen: 34.65 ng
RT: 14.35 min Scan# 1090
Delta R.T. -0.05 min
Lab File: BF092208.D
Acq: 12 Jan 2017 15:17

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.3	1.9
43	10.5	8.9	13.3

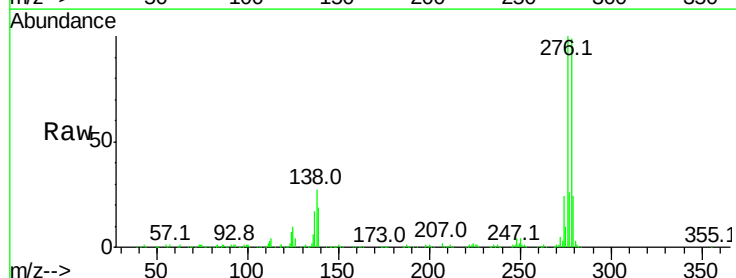


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

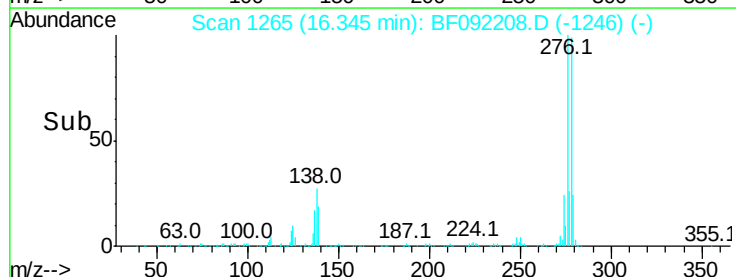
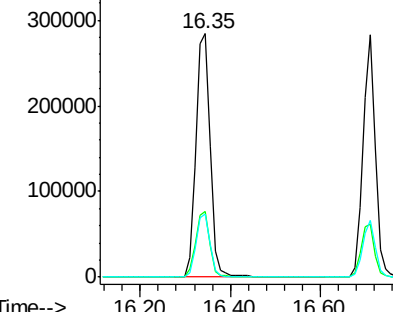


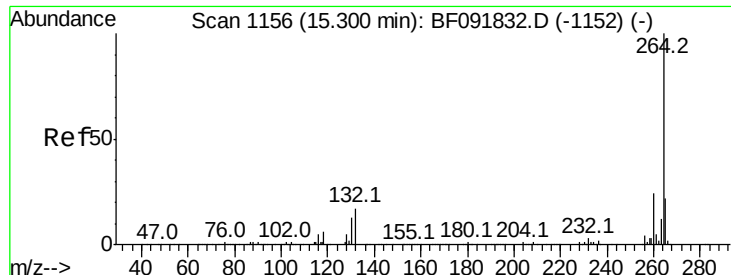
#85
Indeno(1,2,3-cd)pyrene
Concen: 33.11 ng
RT: 16.35 min Scan# 1265
Delta R.T. -0.08 min
Lab File: BF092208.D
Acq: 12 Jan 2017 15:17

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.7	21.8	32.6
277	25.0	20.2	30.4



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

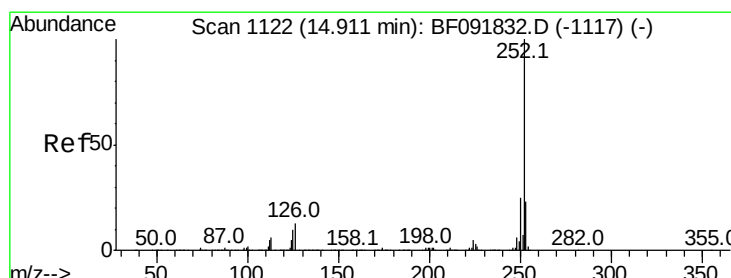
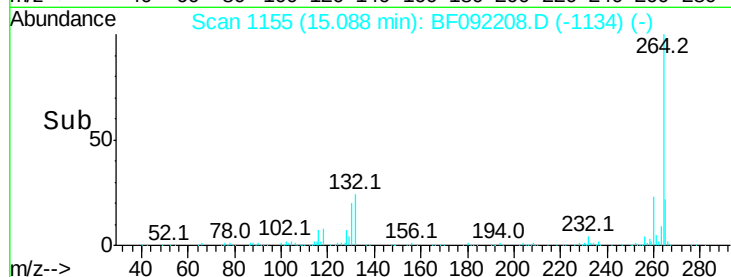
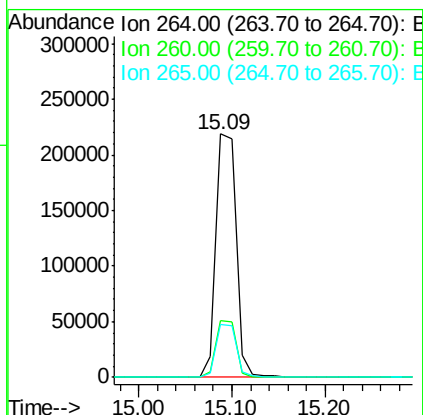
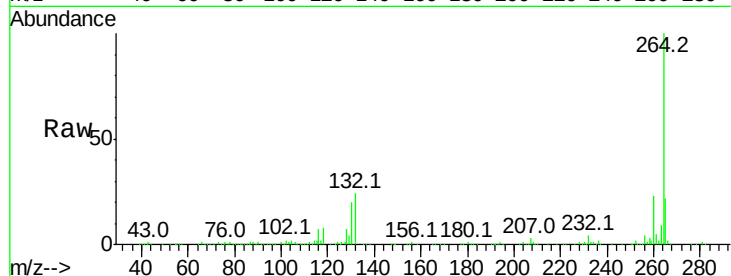




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.09 min Scan# 1155
Delta R.T. -0.06 min
Lab File: BF092208.D
Acq: 12 Jan 2017 15:17

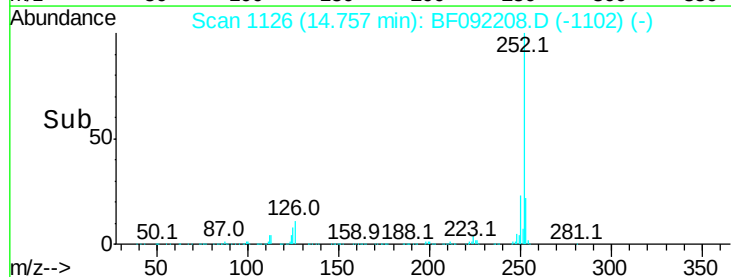
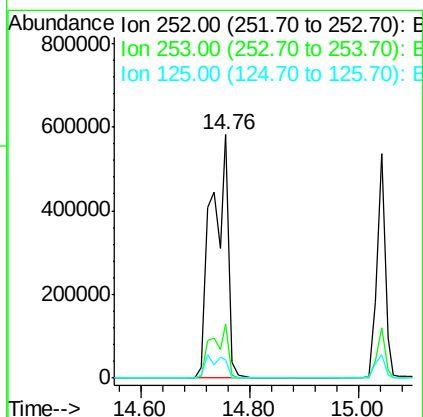
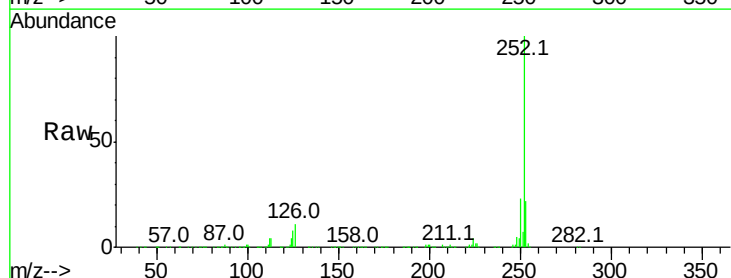
Instrument :
BNA_F
ClientSampleId :

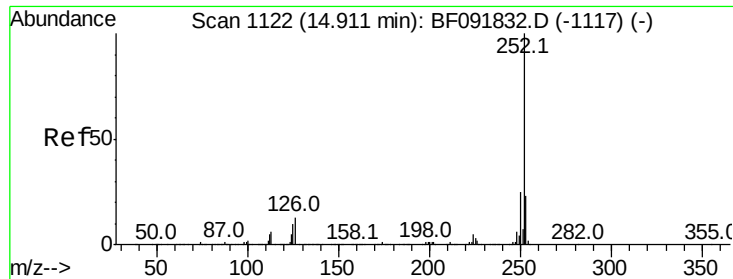
Tot Ion:264 Resp: 328507
Ion Ratio Lower Upper
264 100
260 23.4 19.2 28.8
265 21.9 17.4 26.0



#87
Benzo(b)fluoranthene
Concen: 61.37 ng
RT: 14.76 min Scan# 1126
Delta R.T. -0.02 min
Lab File: BF092208.D
Acq: 12 Jan 2017 15:17

Tgt Ion:252 Resp: 1255258
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.4
125 7.7 9.8 14.6#





#88

Benzo(k)fluoranthene

Concen: 71.97 ng

RT: 14.76 min Scan# 1126

Delta R.T. -0.05 min

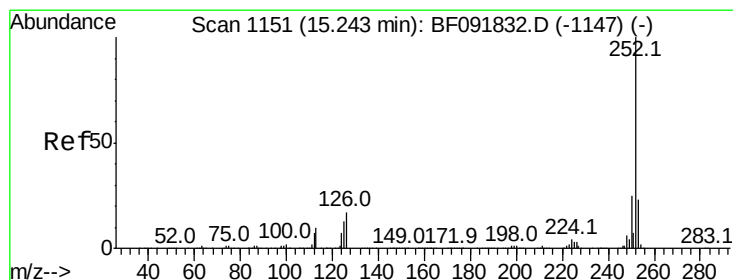
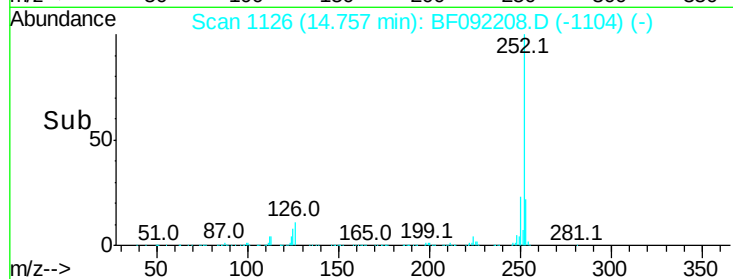
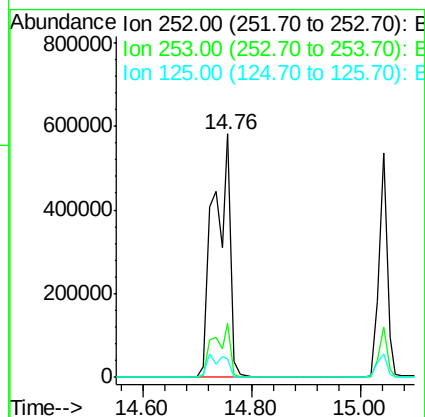
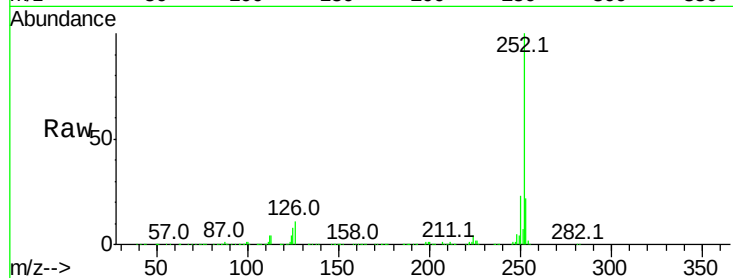
Lab File: BF092208.D

Acq: 12 Jan 2017 15:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1255258

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.5	27.7
125	7.7	8.9	13.3#



#89

Benzo(a)pyrene

Concen: 32.06 ng

RT: 15.04 min Scan# 1151

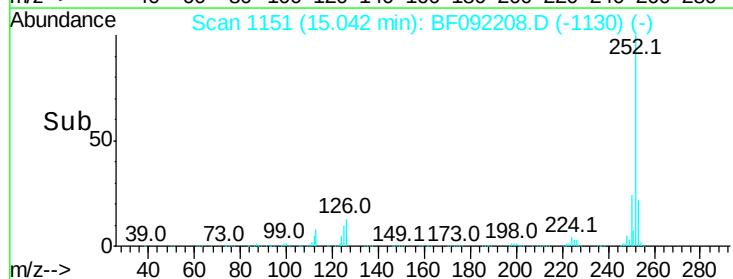
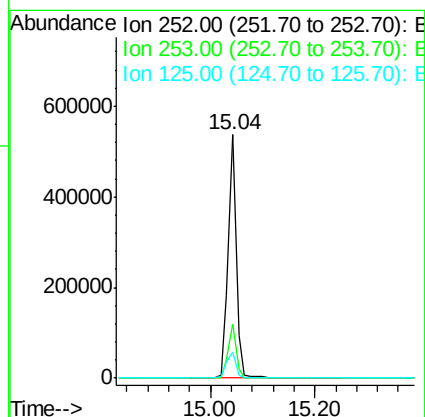
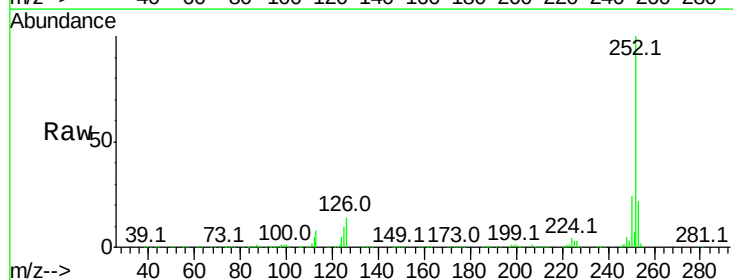
Delta R.T. -0.06 min

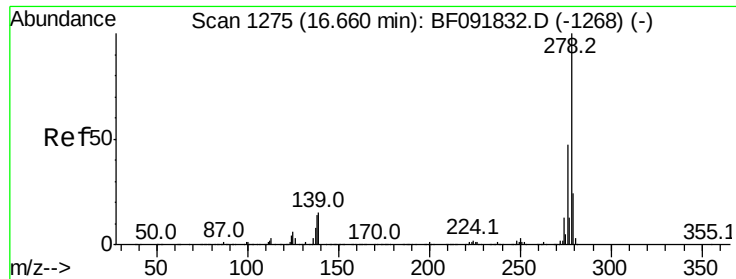
Lab File: BF092208.D

Acq: 12 Jan 2017 15:17

Tgt Ion:252 Resp: 581943

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.2
125	10.5	10.0	15.0





#90

Dibenzo(a,h)anthracene

Concen: 34.93 ng

RT: 16.35 min Scan# 1265

Delta R.T. -0.09 min

Lab File: BF092208.D

Acq: 12 Jan 2017 15:17

Instrument :

BNA_F

ClientSampleId :

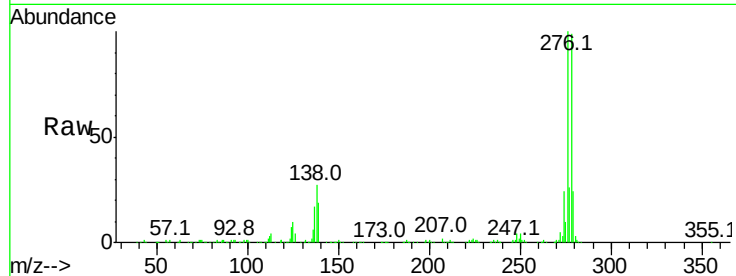
Tot Ion:278 Resp: 521123

Ion Ratio Lower Upper

278 100

139 19.5 14.8 22.2

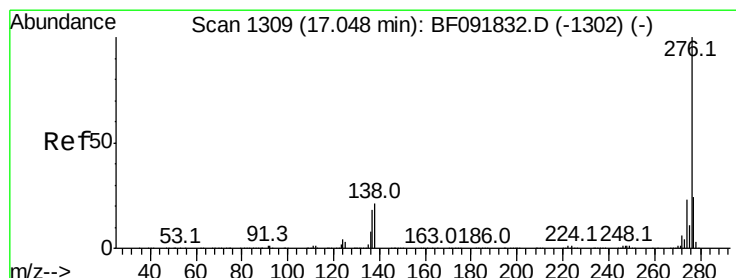
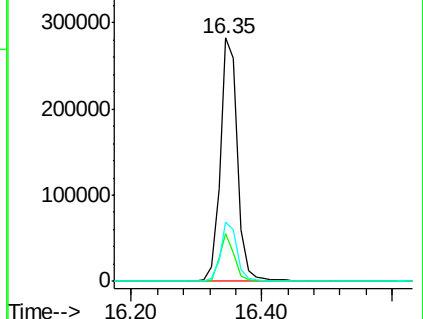
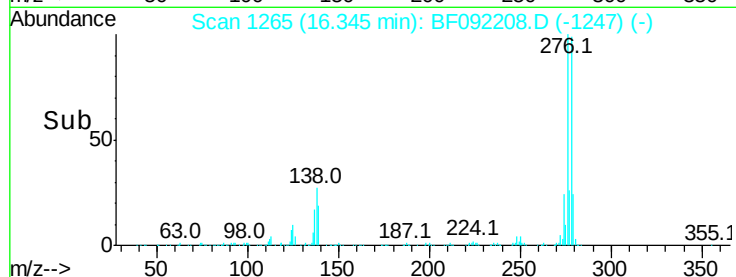
279 24.3 19.8 29.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 34.98 ng

RT: 16.71 min Scan# 1297

Delta R.T. -0.09 min

Lab File: BF092208.D

Acq: 12 Jan 2017 15:17

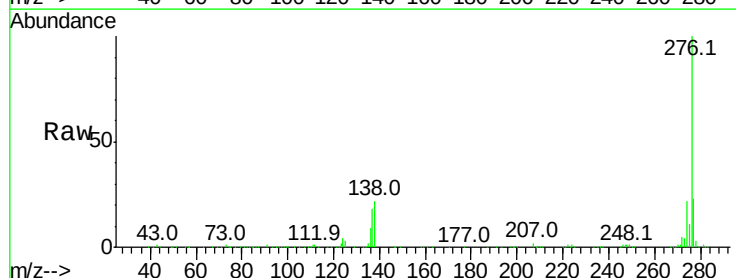
Tgt Ion:276 Resp: 542665

Ion Ratio Lower Upper

276 100

277 23.3 19.2 28.8

138 21.9 16.0 24.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

