

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012717\
 Data File : BF092602.D
 Acq On : 28 Jan 2017 3:22
 Operator : SJ/MA
 Sample : I1527-04MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMPMSD

Quant Time: Jan 28 04:58:34 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 13:48:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	163113	20.00	ng	0.01
21) Naphthalene-d8	8.27	136	622244	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	288589	20.00	ng	0.01
63) Phenanthrene-d10	11.53	188	422711	20.00	ng	0.00
75) Chrysene-d12	14.17	240	304614	20.00	ng	0.00
86) Perylene-d12	15.65	264	232854	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	1484555	141.60	ng	0.06
7) Phenol-d6	6.64	99	1777833	133.13	ng	0.05
23) Nitrobenzene-d5	7.55	82	1109597	97.41	ng	0.01
41) 2,4,6-Tribromophenol	10.83	330	248197	126.21	ng	0.01
44) 2-Fluorobiphenyl	9.36	172	1569042	100.54	ng	0.00
78) Terphenyl-d14	13.12	244	1178898	103.06	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	233268	41.84	ng	# 83
3) Pyridine	3.47	79	656540	41.36	ng	87
4) n-Nitrosodimethylamine	3.44	42	347062	44.57	ng	86
6) Aniline	6.64	93	450176	22.60	ng	# 89
8) 2-Chlorophenol	6.77	128	566604	51.45	ng	91
9) Benzaldehyde	6.52	77	268251	28.31	ng	98
10) Phenol	6.65	94	861263	53.43	ng	# 75
11) bis(2-Chloroethyl)ether	6.72	93	621089	51.50	ng	98
12) 1,3-Dichlorobenzene	6.92	146	642191	49.31	ng	98
13) 1,4-Dichlorobenzene	6.99	146	606387	46.26	ng	99
14) 1,2-Dichlorobenzene	7.15	146	608142	48.91	ng	97
15) Benzyl Alcohol	7.13	79	470898	46.79	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.25	45	939884	39.40	ng	61
17) 2-Methylphenol	7.25	107	444014	47.19	ng	# 93
18) Hexachloroethane	7.49	117	171978	38.09	ng	96
19) n-Nitroso-di-n-propylamine	7.40	70	420550	46.25	ng	# 97
20) 3+4-Methylphenols	7.40	107	542901	47.56	ng	# 77
22) Acetophenone	7.39	105	777022	52.43	ng	98
24) Nitrobenzene	7.56	77	584825	49.01	ng	98
25) Isophorone	7.80	82	1085129	48.34	ng	94
26) 2-Nitrophenol	7.88	139	162017	32.40	ng	98
27) 2,4-Dimethylphenol	7.93	122	450515	43.32	ng	98
28) bis(2-Chloroethoxy)methane	8.02	93	734006	49.82	ng	99
29) 2,4-Dichlorophenol	8.13	162	434775	48.22	ng	91
30) 1,2,4-Trichlorobenzene	8.21	180	497243	51.02	ng	97
31) Naphthalene	8.29	128	1448593	45.49	ng	99
32) Benzoic acid	8.01	122	42105	9.58	ng	97
33) 4-Chloroaniline	8.34	127	341439	25.34	ng	# 92
34) Hexachlorobutadiene	8.41	225	258521	48.50	ng	99
35) Caprolactam	8.73	113	150204m	49.89	ng	
36) 4-Chloro-3-methylphenol	8.84	107	433198	44.55	ng	99
37) 2-Methylnaphthalene	8.99	142	975912	48.40	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.16	216	454034	62.37	ng	99
40) Hexachlorocyclopentadiene	9.14	237	93680	25.70	ng	98

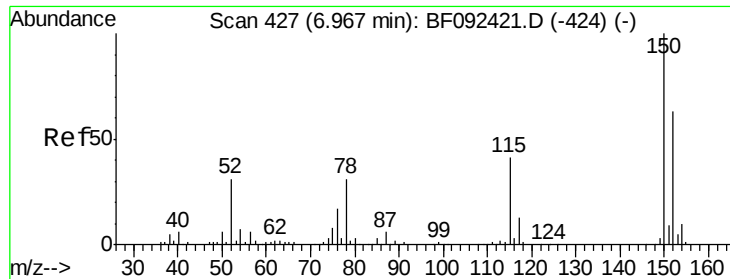
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	278412	49.92	ng	93
43) 2,4,5-Trichlorophenol	9.32	196	268904	52.69	ng #	91
45) 1,1'-Biphenyl	9.46	154	1209739	57.99	ng	98
46) 2-Chloronaphthalene	9.48	162	848272	49.78	ng	96
47) 2-Nitroaniline	9.58	65	346601	60.41	ng	97
48) Acenaphthylene	9.90	152	1373569	54.96	ng	98
49) Dimethylphthalate	9.76	163	1125618	61.34	ng	98
50) 2,6-Dinitrotoluene	9.82	165	199043	53.06	ng	95
51) Acenaphthene	10.08	154	808556	52.07	ng	98
52) 3-Nitroaniline	10.00	138	245981	52.36	ng	99
53) 2,4-Dinitrophenol	10.10	184	6875	8.57	ng #	70
54) Dibenzofuran	10.25	168	1195713	56.71	ng	92
55) 4-Nitrophenol	10.18	139	273640	73.34	ng #	80
56) 2,4-Dinitrotoluene	10.22	165	200729	40.31	ng	96
57) Fluorene	10.59	166	847737	54.22	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.36	232	187767	49.11	ng	95
59) Diethylphthalate	10.46	149	1027916	58.42	ng	94
60) 4-Chlorophenyl-phenylether	10.58	204	400707	52.84	ng	88
61) 4-Nitroaniline	10.61	138	241438	51.38	ng	94
62) Azobenzene	10.74	77	1005634	50.22	ng	94
64) 4,6-Dinitro-2-methylphenol	10.64	198	11459	9.46	ng #	68
65) n-Nitrosodiphenylamine	10.70	169	801160	60.69	ng	99
66) 4-Bromophenyl-phenylether	11.07	248	232834	54.55	ng	94
67) Hexachlorobenzene	11.14	284	226157	52.42	ng	99
68) Atrazine	11.23	200	226765	50.19	ng	97
69) Pentachlorophenol	11.33	266	177640	64.40	ng	96
70) Phenanthrene	11.55	178	1097525	47.15	ng	99
71) Anthracene	11.61	178	1242770	54.63	ng	98
72) Carbazole	11.77	167	1132858	52.15	ng	97
73) Di-n-butylphthalate	12.09	149	1344859	54.15	ng #	97
74) Fluoranthene	12.75	202	1148341	50.43	ng	90
76) Benzidine	12.87	184	470014	41.56	ng	96
77) Pyrene	12.98	202	1166594	52.86	ng	98
79) Butylbenzylphthalate	13.59	149	522472	58.43	ng	95
80) Benzo(a)anthracene	14.16	228	914751	55.88	ng	99
81) 3,3'-Dichlorobenzidine	14.12	252	324060	52.13	ng	96
82) Chrysene	14.20	228	868971	49.70	ng	98
83) Bis(2-ethylhexyl)phthalate	14.15	149	792900	70.41	ng #	95
84) Di-n-octyl phthalate	14.76	149	1255358	61.41	ng	99
85) Indeno(1,2,3-cd)pyrene	17.16	276	652857	50.47	ng #	93
87) Benzo(b)fluoranthene	15.22	252	711867	47.62	ng	99
88) Benzo(k)fluoranthene	15.25	252	720518m	57.96	ng	
89) Benzo(a)pyrene	15.60	252	662531	52.39	ng	98
90) Dibenzo(a,h)anthracene	17.17	278	558613	54.63	ng	96
91) Benzo(g,h,i)perylene	17.62	276	534184	51.65	ng	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.98 min Scan# 428

Delta R.T. 0.01 min

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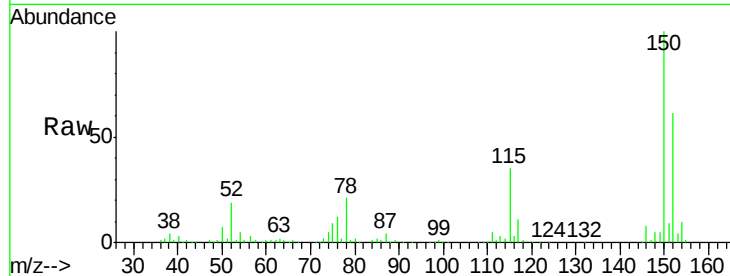
Tgt Ion:152 Resp: 163113

Ion Ratio Lower Upper

152 100

150 163.3 124.9 187.3

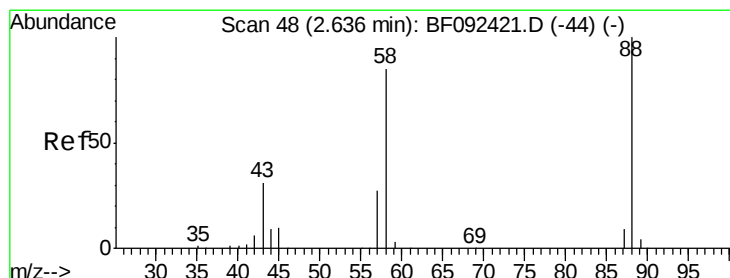
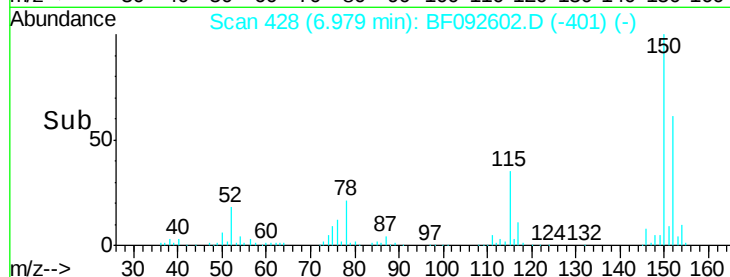
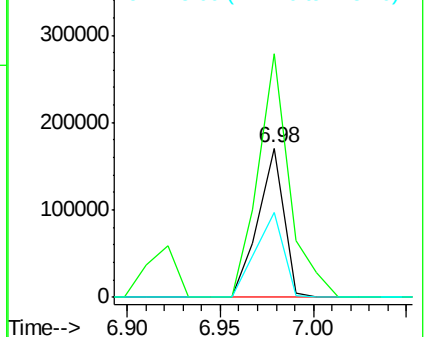
115 57.2 46.0 69.0



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: 41.84 ng

RT: 2.70 min Scan# 54

Delta R.T. 0.07 min

Lab File: BF092602.D

Acq: 28 Jan 2017 3:22

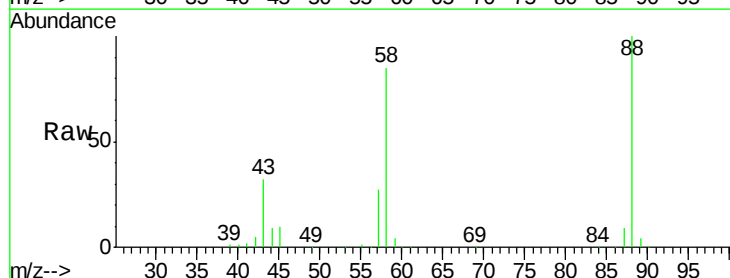
Tgt Ion: 88 Resp: 233268

Ion Ratio Lower Upper

88 100

58 89.8 57.8 86.8#

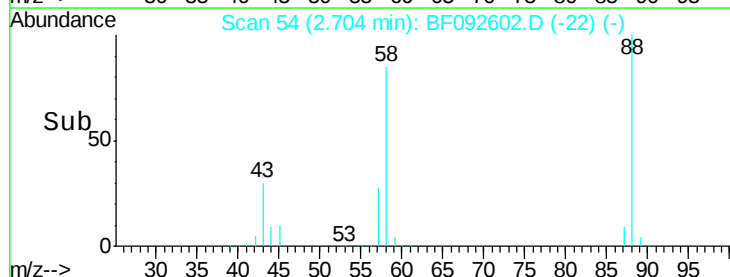
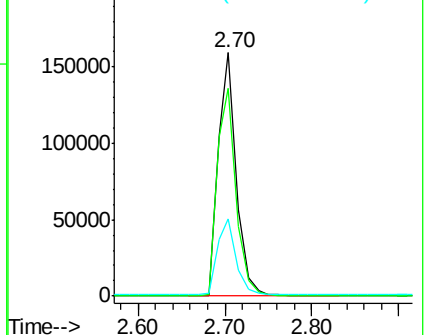
43 32.1 22.3 33.5

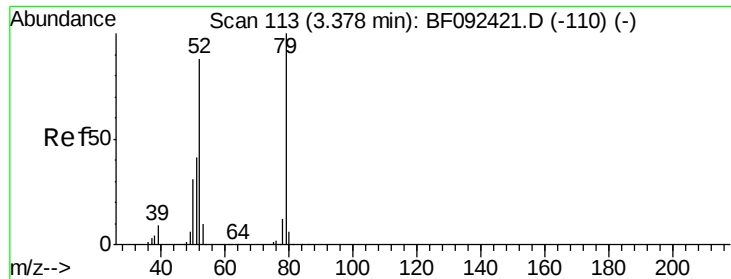


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 41.36 ng

RT: 3.47 min Scan# 121

Delta R.T. 0.09 min

Lab File: BF092602.D

Acq: 28 Jan 2017 3:22

Instrument :

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SB-02-COMPMSD

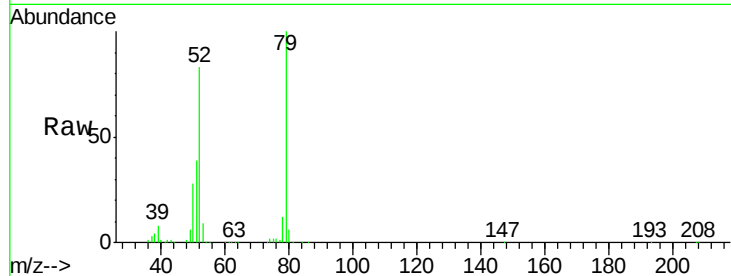
Tgt Ion: 79 Resp: 656540

Ion Ratio Lower Upper

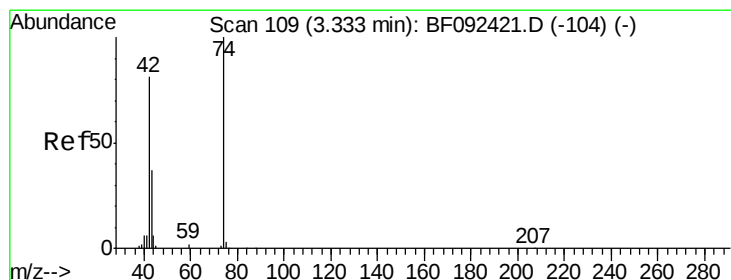
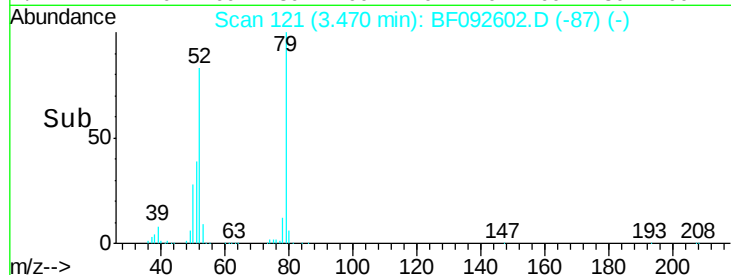
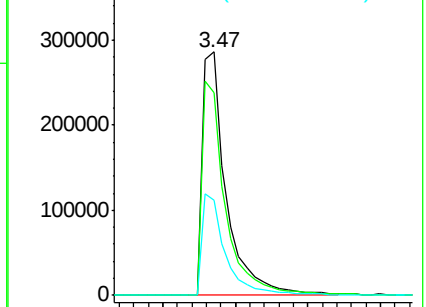
79 100

52 83.3 57.1 85.7

51 39.2 27.3 40.9



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 52.00 (51.70 to 52.70): BF0
Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 44.57 ng

RT: 3.44 min Scan# 118

Delta R.T. 0.10 min

Lab File: BF092602.D

Acq: 28 Jan 2017 3:22

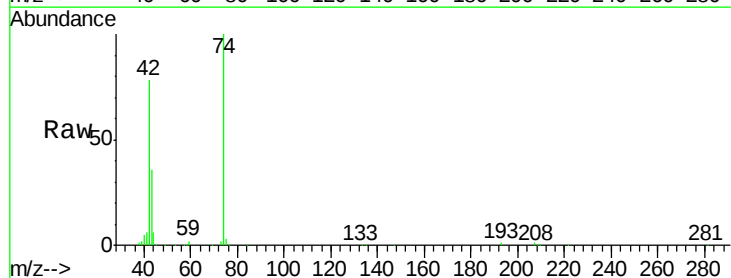
Tgt Ion: 42 Resp: 347062

Ion Ratio Lower Upper

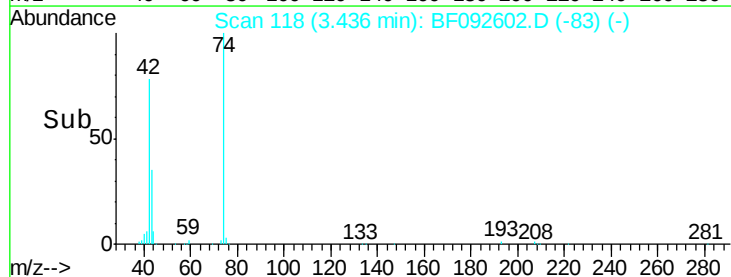
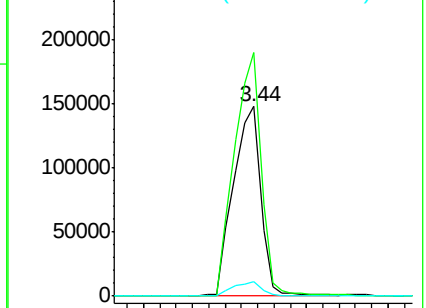
42 100

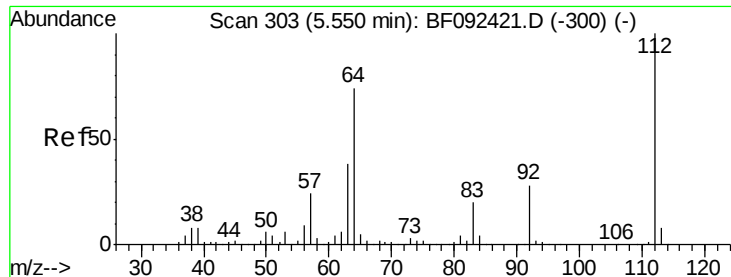
74 128.5 117.0 175.4

44 7.9 5.5 8.3



Abundance Ion 42.00 (41.70 to 42.70): BF0
Ion 74.00 (73.70 to 74.70): BF0
Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 141.60 ng

RT: 5.61 min Scan# 308

Delta R.T. 0.06 min

Lab File: BF092602.D

Acq: 28 Jan 2017 3:22

Instrument :

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ClientSampleId :

SB-02-COMPMSD

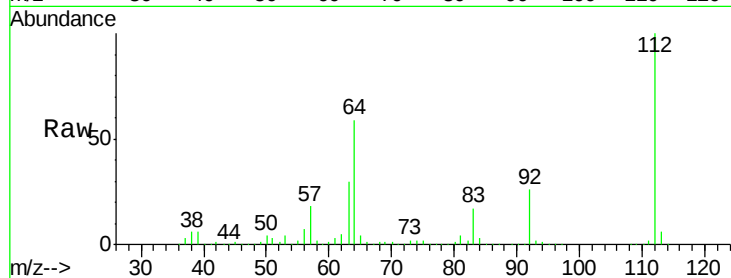
Tgt Ion: 112 Resp: 1484555

Ion Ratio Lower Upper

112 100

64 59.3 46.1 69.1

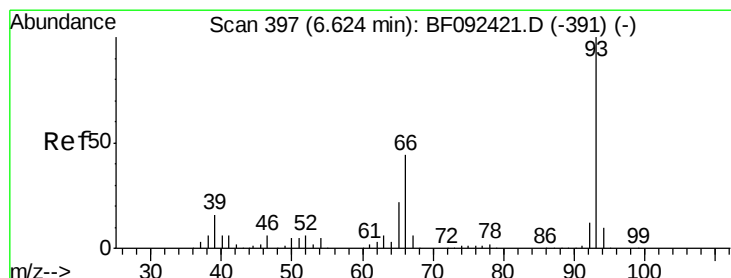
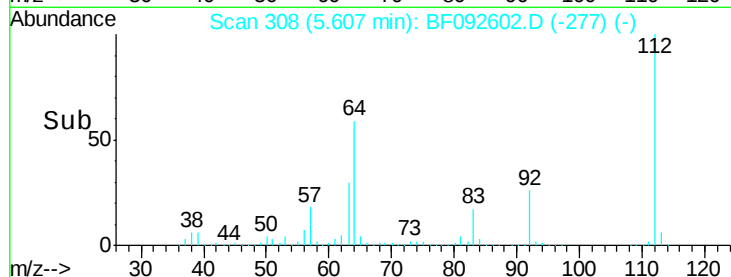
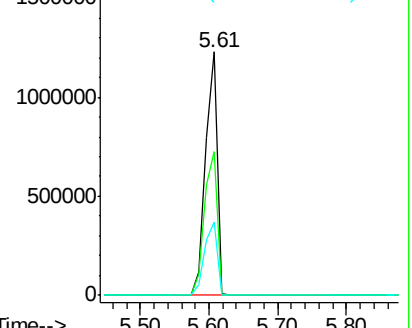
63 30.0 23.8 35.6



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: 22.60 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.01 min

Lab File: BF092602.D

Acq: 28 Jan 2017 3:22

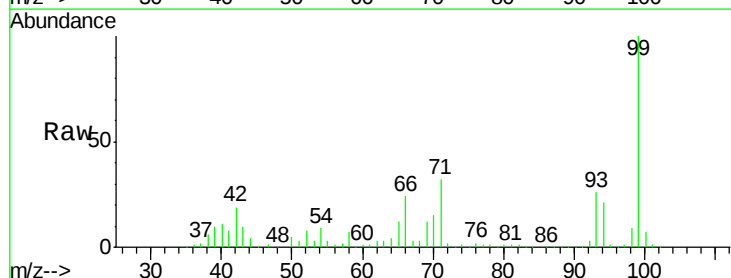
Tgt Ion: 93 Resp: 450176

Ion Ratio Lower Upper

93 100

66 89.8 76.2 114.2

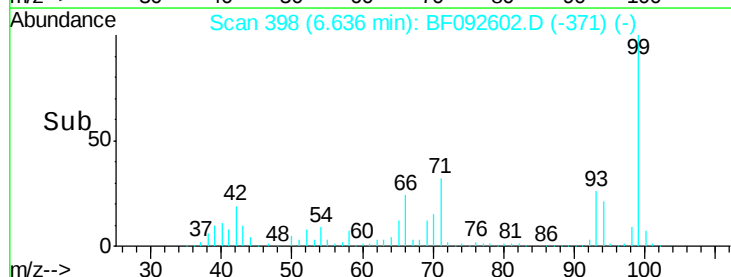
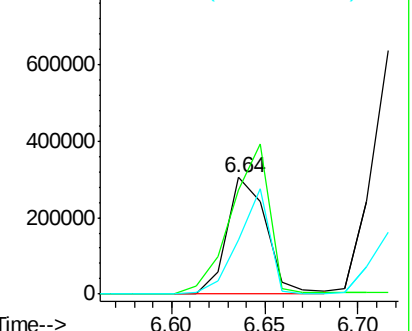
65 46.3 49.3 73.9#

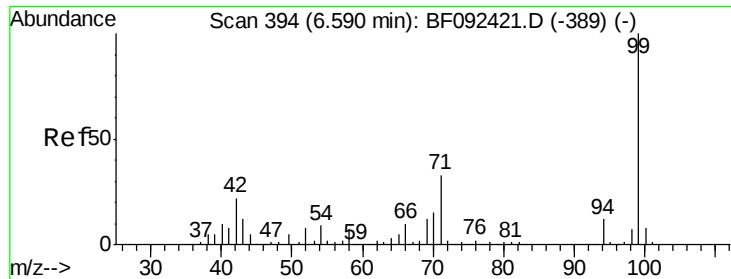


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 133.13 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.05 min

Lab File: BF092602.D

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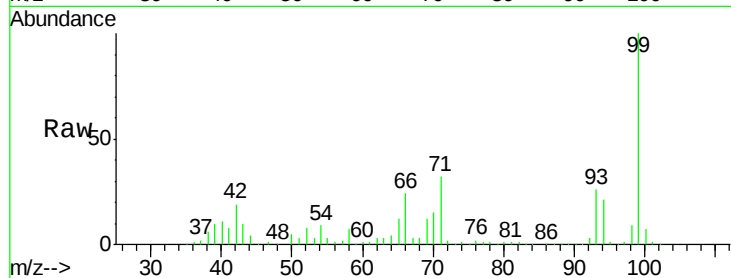
Tgt Ion: 99 Resp: 1777833

Ion Ratio Lower Upper

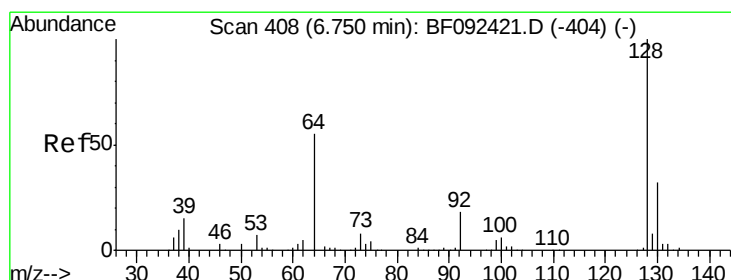
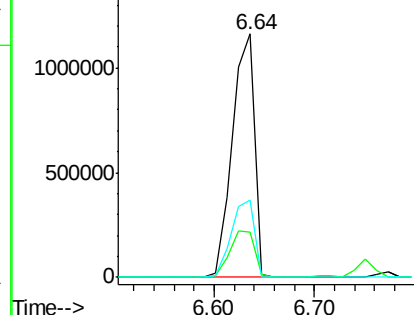
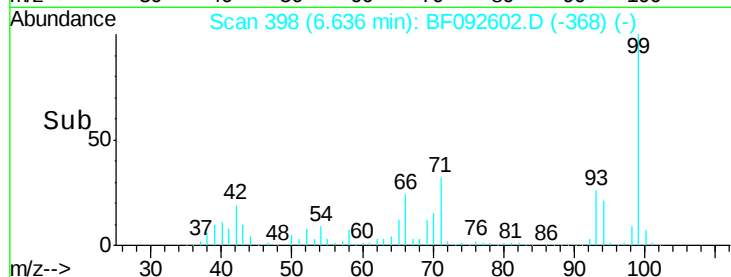
99 100

42 18.7 15.6 23.4

71 31.6 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 51.45 ng

RT: 6.77 min Scan# 410

Delta R.T. 0.02 min

Lab File: BF092602.D

Acq: 28 Jan 2017 3:22

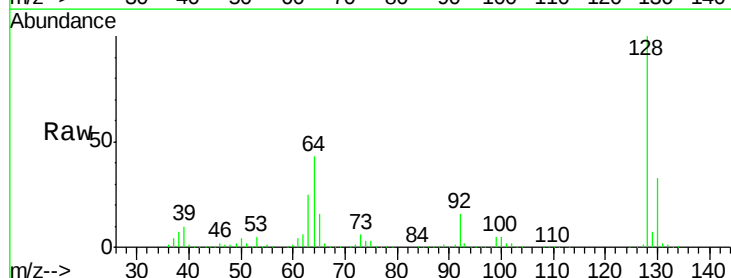
Tgt Ion: 128 Resp: 566604

Ion Ratio Lower Upper

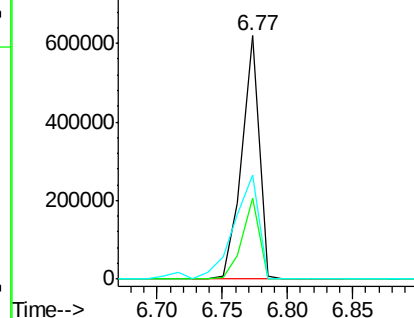
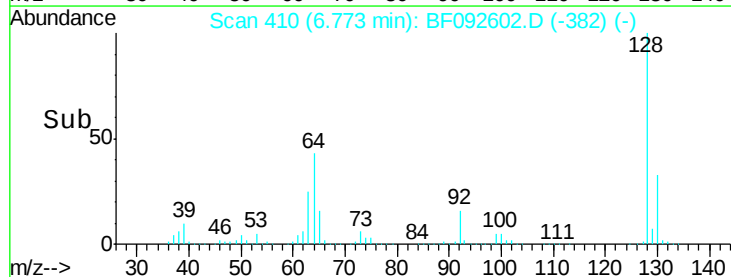
128 100

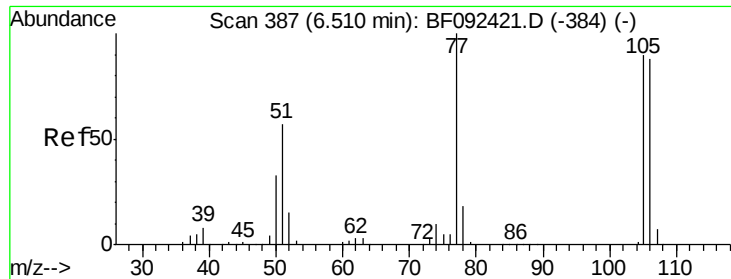
130 33.2 12.3 52.3

64 43.0 32.2 72.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0

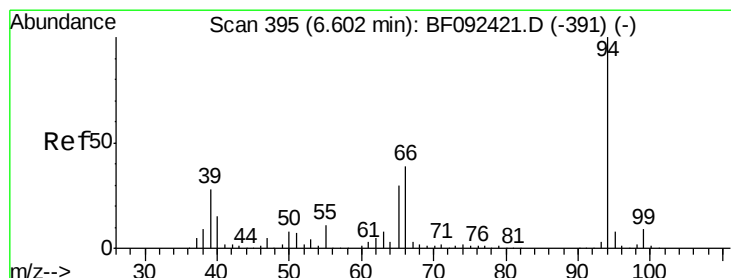
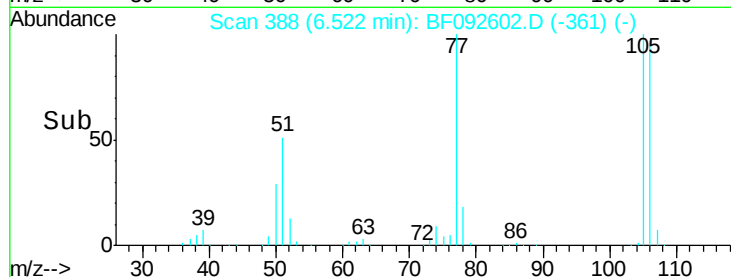
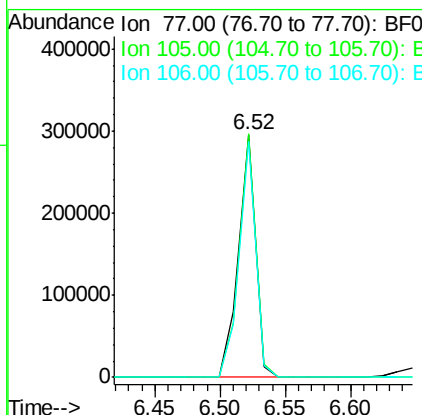
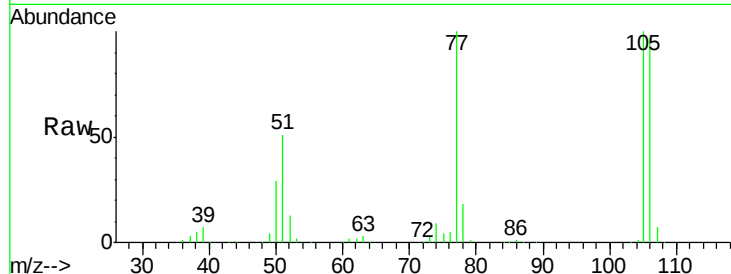




#9
Benzaldehyde
Concen: 28.31 ng
RT: 6.52 min Scan# 388
Delta R.T. 0.01 min
Lab File: BF092602.D
Acq: 28 Jan 2017 3:22

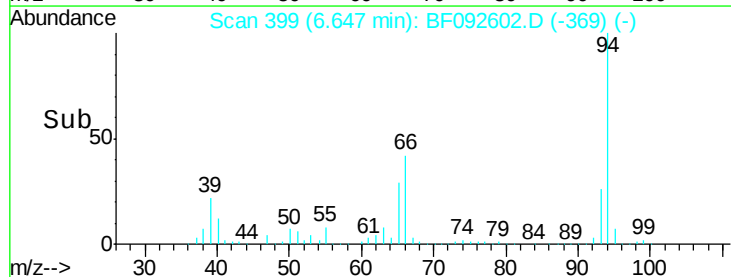
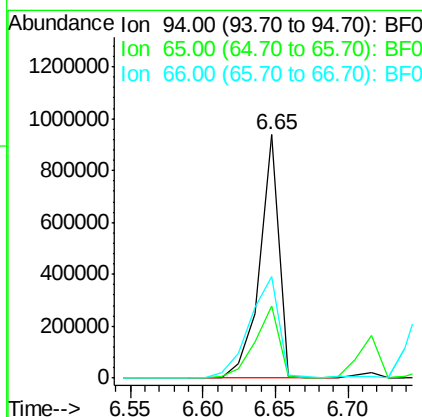
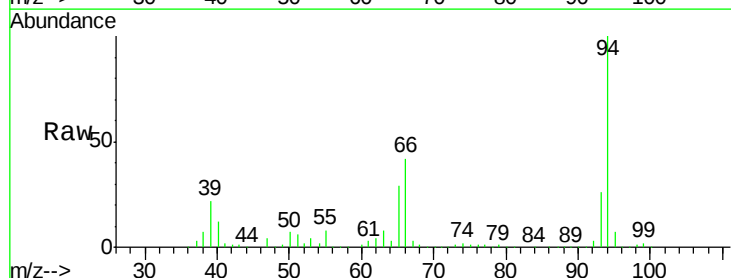
Instrument :
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ClientSampleId :
SB-02-COMPMSD

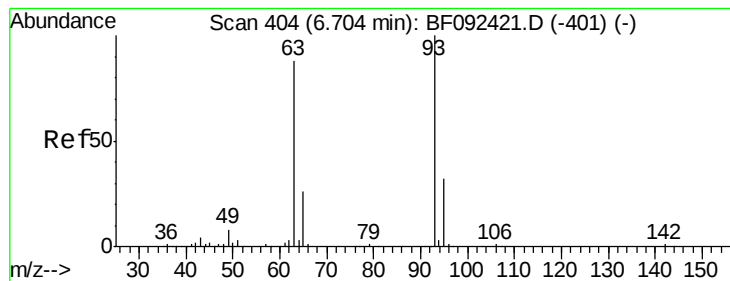
Tgt Ion: 77 Resp: 268251
Ion Ratio Lower Upper
77 100
105 100.2 83.9 123.9
106 97.0 77.6 117.6



#10
Phenol
Concen: 53.43 ng
RT: 6.65 min Scan# 399
Delta R.T. 0.05 min
Lab File: BF092602.D
Acq: 28 Jan 2017 3:22

Tgt Ion: 94 Resp: 861263
Ion Ratio Lower Upper
94 100
65 29.5 21.4 61.4
66 41.9 44.0 84.0#





#11

bis(2-Chloroethyl)ether

Concen: 51.50 ng

RT: 6.72 min Scan# 405

Delta R.T. 0.01 min

Lab File: BF092602.D

Acq: 28 Jan 2017 3:22

Instrument :

BNA_F

ClientSampleId :

SB-02-COMPMSD

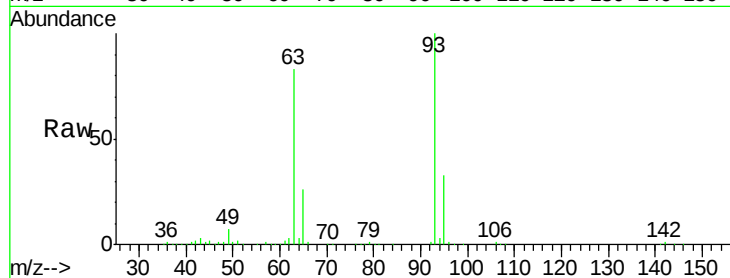
Tgt Ion: 93 Resp: 621089

Ion Ratio Lower Upper

93 100

63 82.7 60.4 100.4

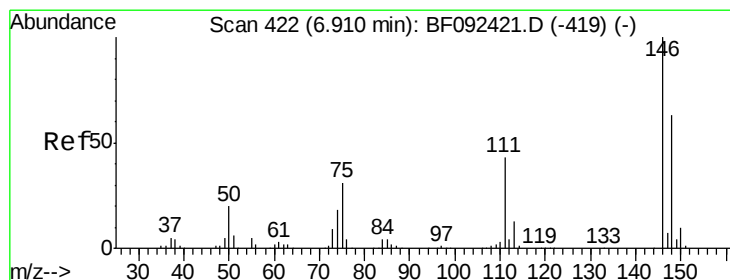
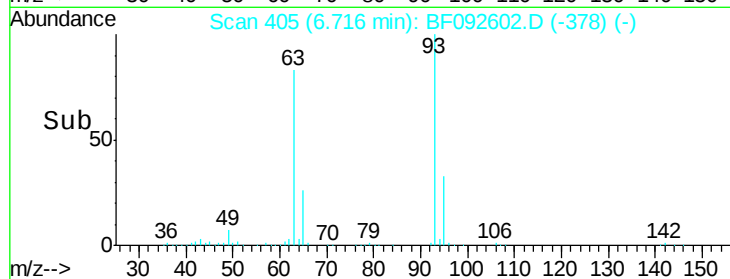
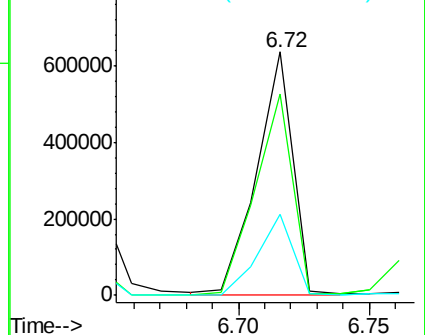
95 33.5 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 49.31 ng

RT: 6.92 min Scan# 423

Delta R.T. 0.01 min

Lab File: BF092602.D

Acq: 28 Jan 2017 3:22

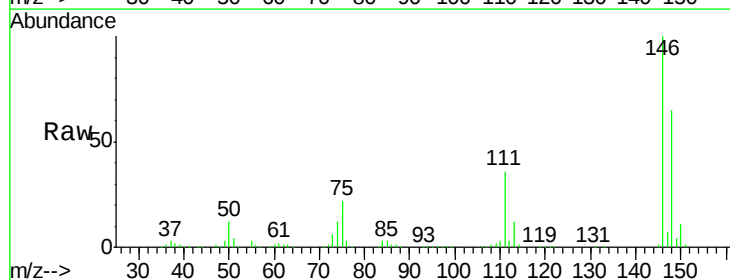
Tgt Ion: 146 Resp: 642191

Ion Ratio Lower Upper

146 100

148 65.0 53.4 80.0

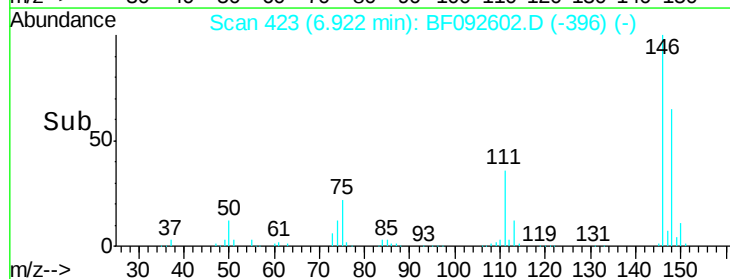
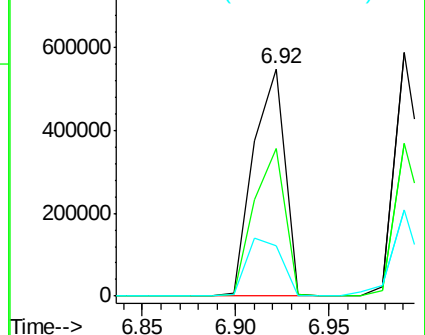
75 22.0 18.5 27.7

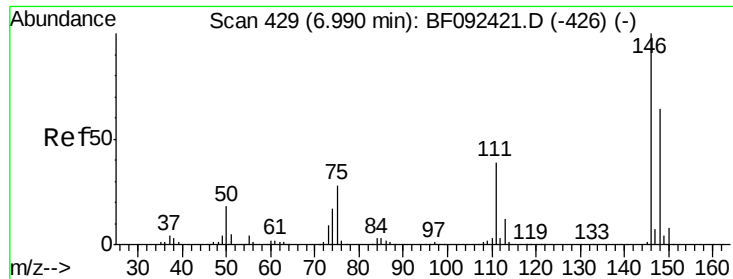


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

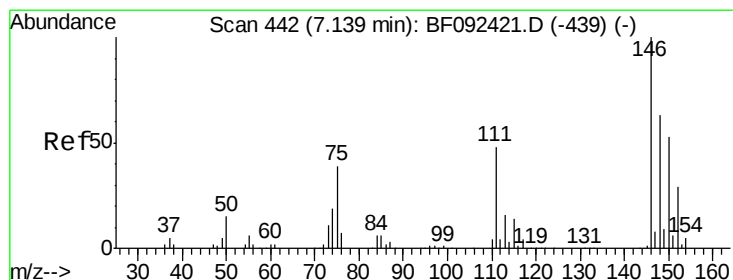
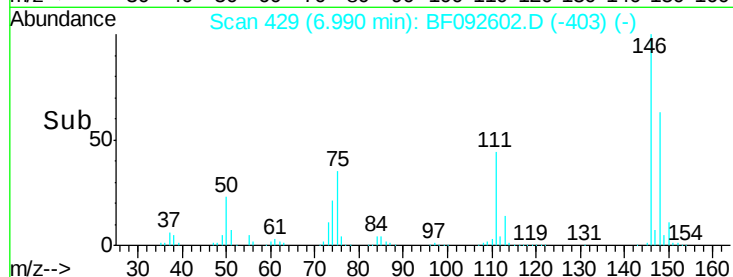
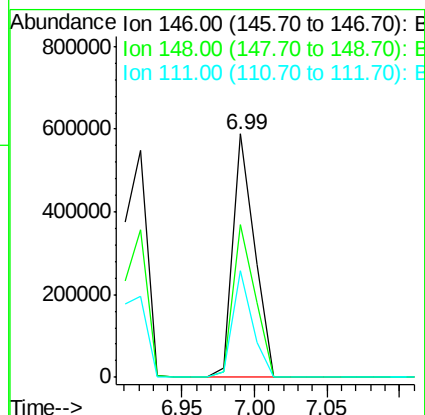
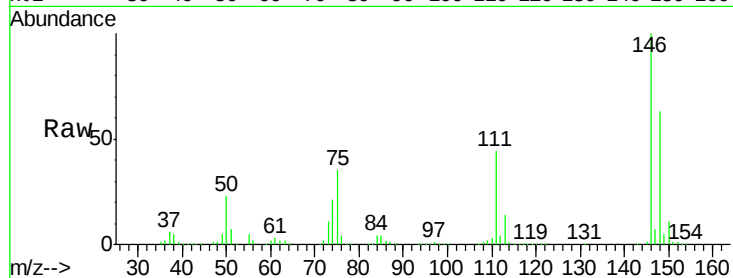




#13
 1,4-Dichlorobenzene
 Concen: 46.26 ng
 RT: 6.99 min Scan# 429
 Delta R.T. 0.00 min
 Lab File: BF092602.D
 Acq: 28 Jan 2017 3:22

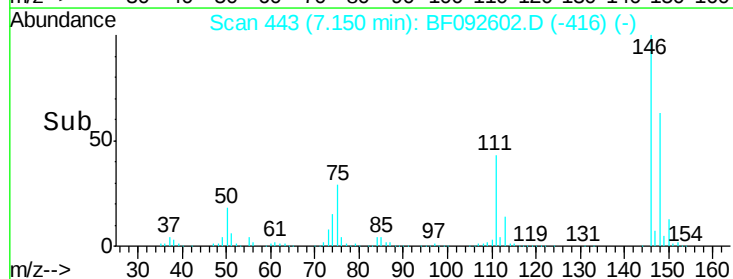
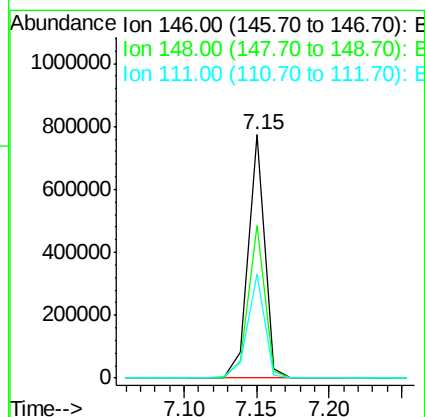
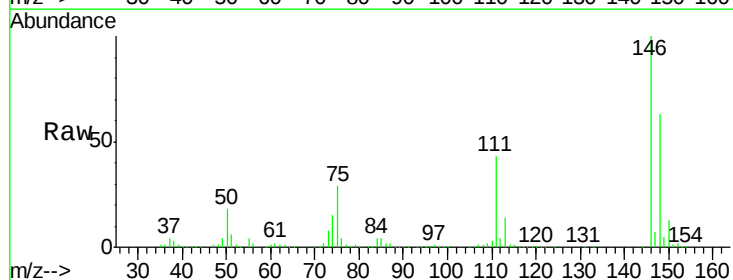
Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMPMSD

Tgt Ion:146 Resp: 606387
 Ion Ratio Lower Upper
 146 100
 148 62.9 50.6 76.0
 111 43.9 36.2 54.4



#14
 1,2-Dichlorobenzene
 Concen: 48.91 ng
 RT: 7.15 min Scan# 443
 Delta R.T. 0.01 min
 Lab File: BF092602.D
 Acq: 28 Jan 2017 3:22

Tgt Ion:146 Resp: 608142
 Ion Ratio Lower Upper
 146 100
 148 62.7 52.2 78.2
 111 42.6 36.2 54.2

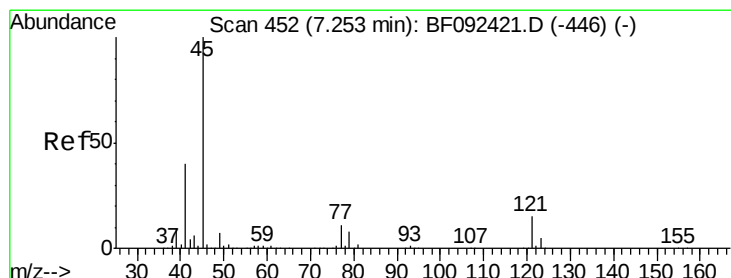
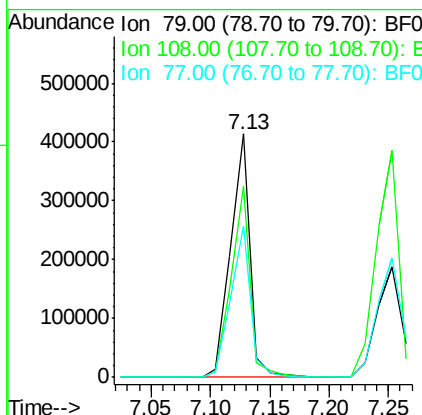
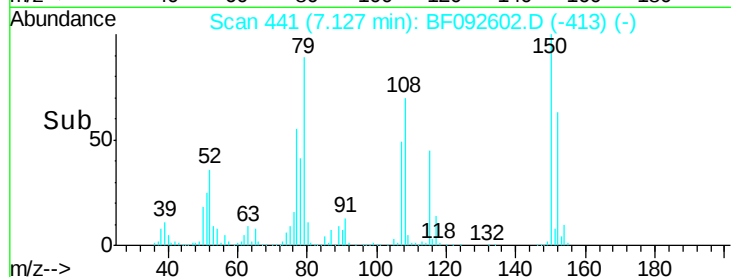
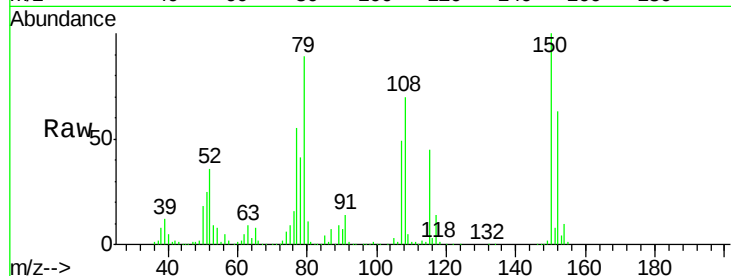




#15
Benzyl Alcohol
Concen: 46.79 ng
RT: 7.13 min Scan# 441
Delta R.T. 0.02 min
Lab File: BF092602.D
Acq: 28 Jan 2017 3:22

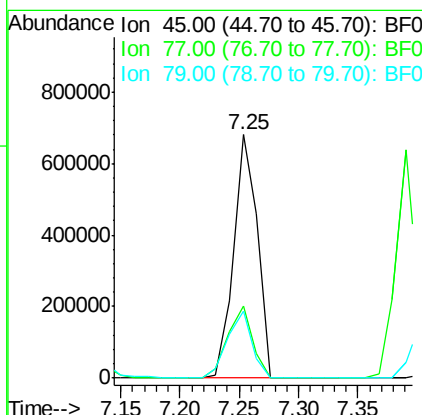
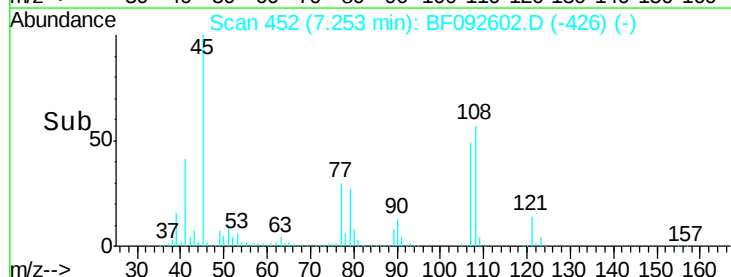
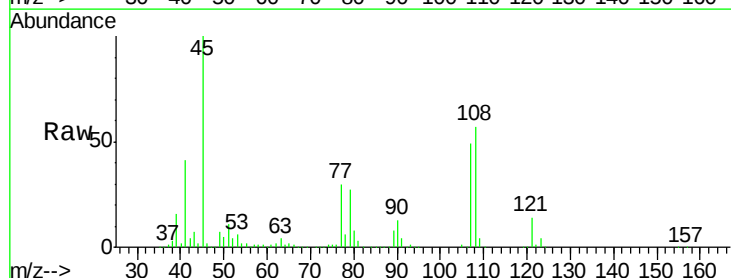
Instrument :
BNA_F
ClientSampleId :
SB-02-COMPMSD

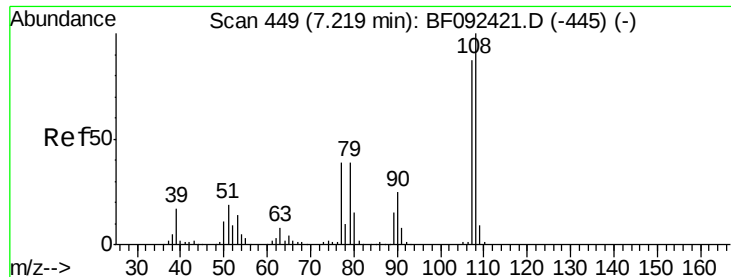
Tgt Ion: 79 Resp: 470898
Ion Ratio Lower Upper
79 100
108 78.4 61.4 92.0
77 62.0 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.40 ng
RT: 7.25 min Scan# 452
Delta R.T. 0.00 min
Lab File: BF092602.D
Acq: 28 Jan 2017 3:22

Tgt Ion: 45 Resp: 939884
Ion Ratio Lower Upper
45 100
77 29.7 0.0 34.6
79 27.5 0.0 31.2

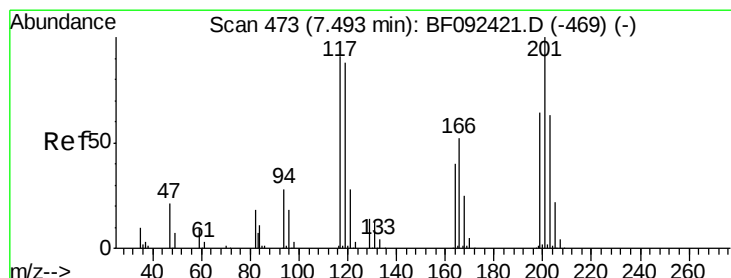
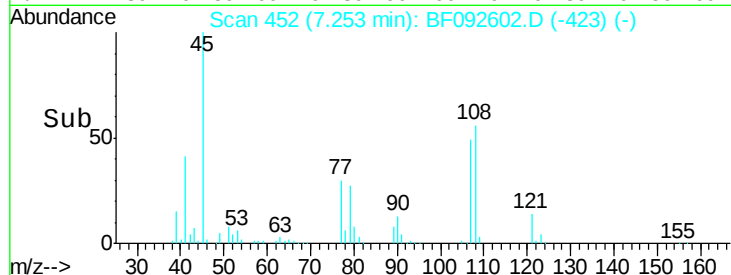
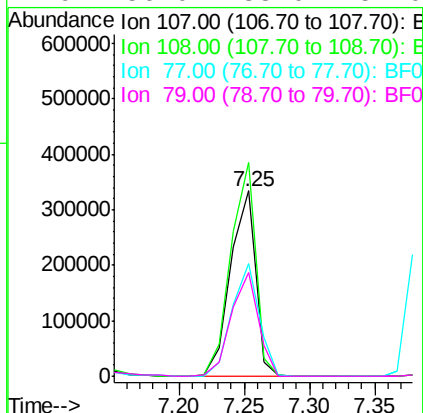
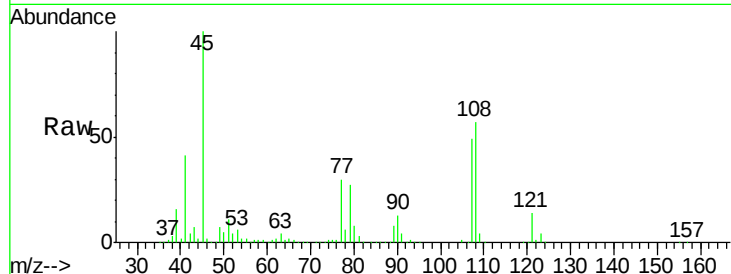




#17
2-Methylphenol
Concen: 47.19 ng
RT: 7.25 min Scan# 452
Delta R.T. 0.03 min
Lab File: BF092602.D
Acq: 28 Jan 2017 3:22

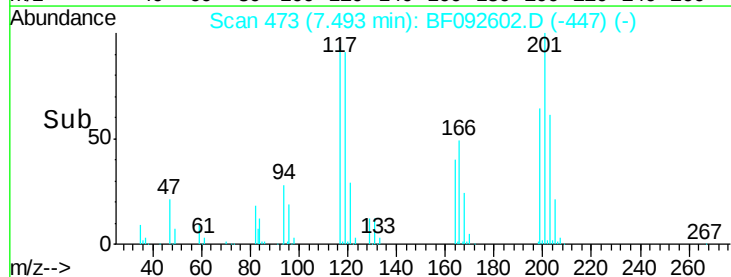
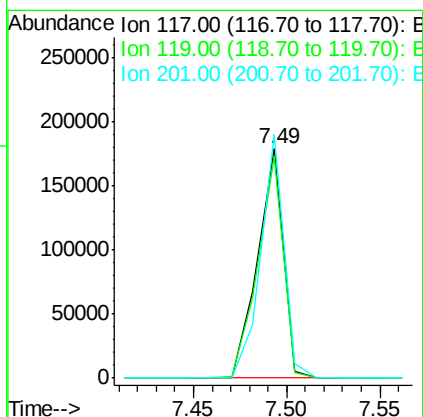
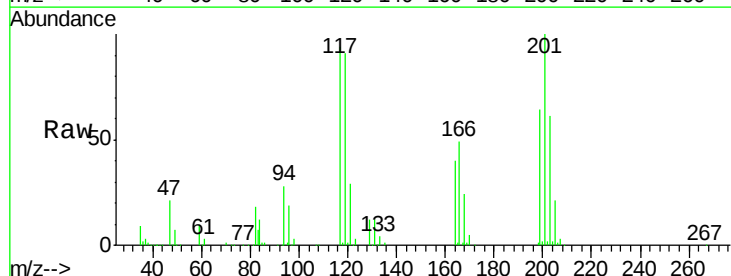
Instrument :
BNA_F
ClientSampleId :
SB-02-COMPMSD

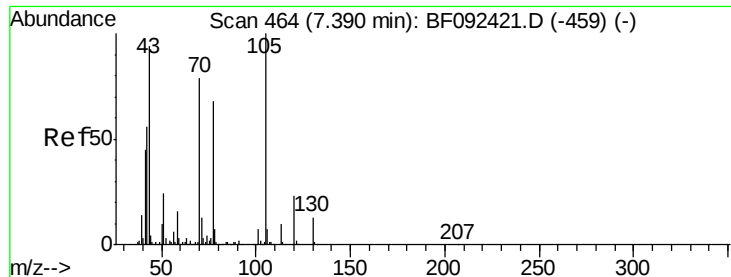
Tgt Ion	Ratio	Lower	Upper
107	100		
108	115.3	93.0	139.6
77	60.6	39.8	59.8#
79	56.0	38.0	57.0



#18
Hexachloroethane
Concen: 38.09 ng
RT: 7.49 min Scan# 473
Delta R.T. 0.00 min
Lab File: BF092602.D
Acq: 28 Jan 2017 3:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.0	78.1	117.1
201	106.3	78.6	117.8

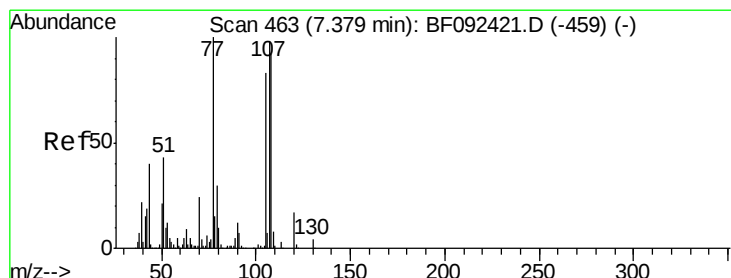
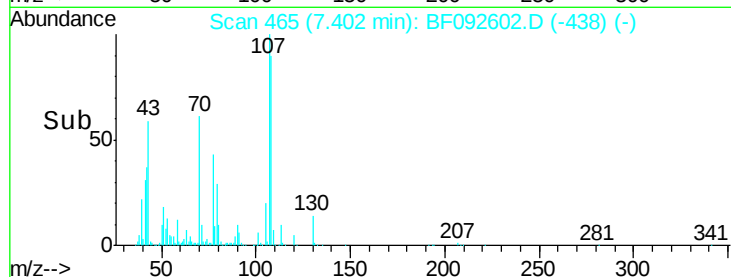
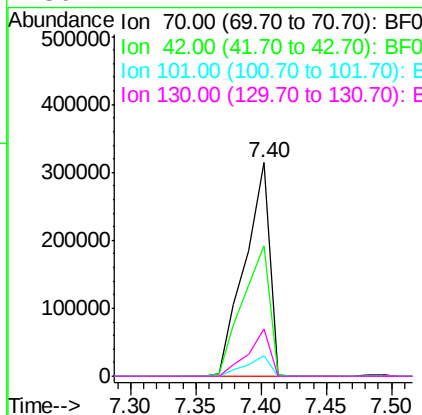
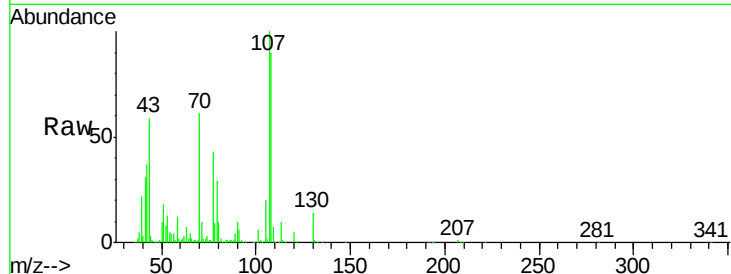




#19
n-Nitroso-di-n-propylamine
Concen: 46.25 ng
RT: 7.40 min Scan# 465
Delta R.T. 0.01 min
Lab File: BF092602.D
Acq: 28 Jan 2017 3:22

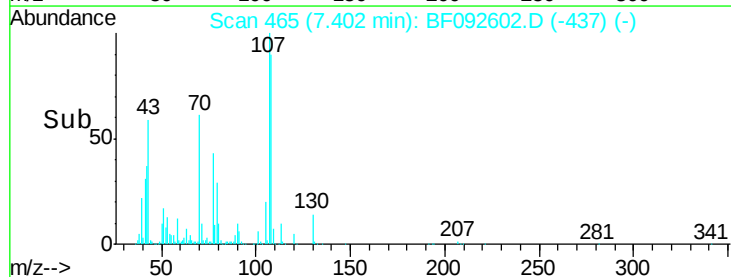
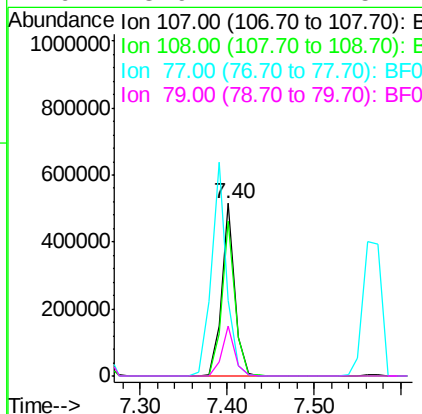
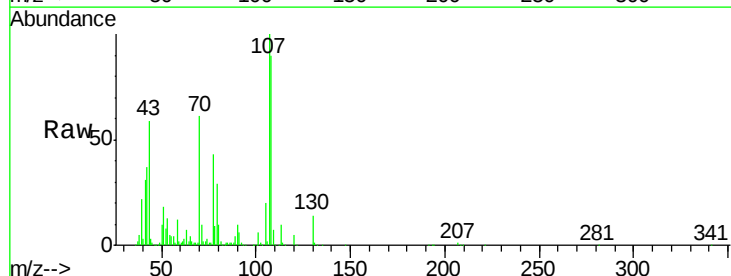
Instrument :
BNA_F
ClientSampleId :
SB-02-COMPMSD

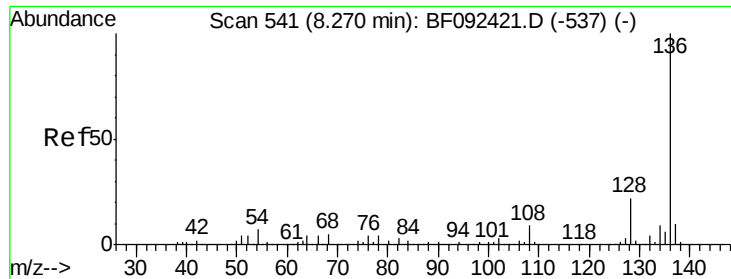
Tgt Ion: 70 Resp: 420550
Ion Ratio Lower Upper
70 100
42 61.0 49.4 74.0
101 9.6 7.4 11.2
130 22.2 14.2 21.4#



#20
3+4-Methylphenols
Concen: 47.56 ng
RT: 7.40 min Scan# 465
Delta R.T. 0.02 min
Lab File: BF092602.D
Acq: 28 Jan 2017 3:22

Tgt Ion: 107 Resp: 542901
Ion Ratio Lower Upper
107 100
108 89.6 73.0 113.0
77 43.5 71.3 111.3#
79 28.9 11.1 51.1

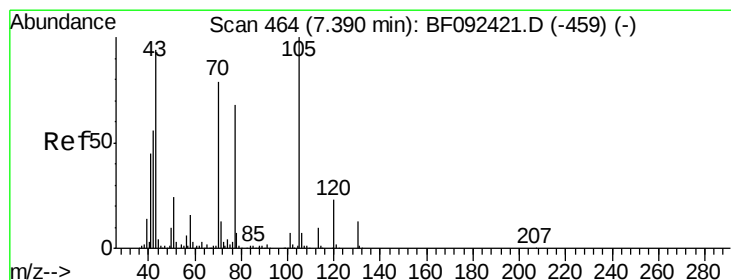
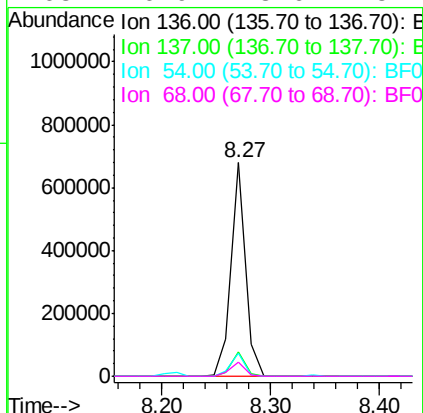
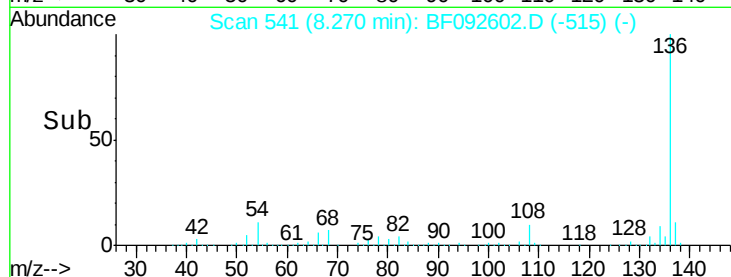
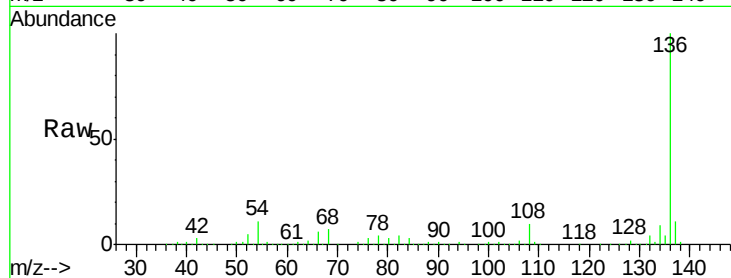




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.27 min Scan# 541
Delta R.T. 0.00 min
Lab File: BF092602.D
Acq: 28 Jan 2017 3:22

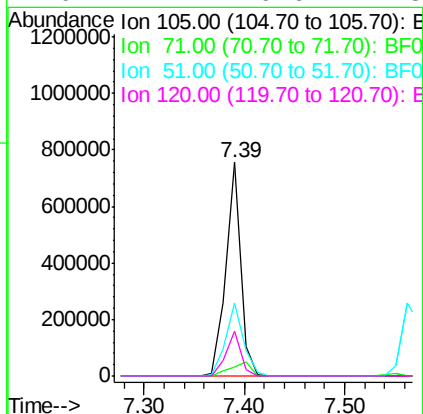
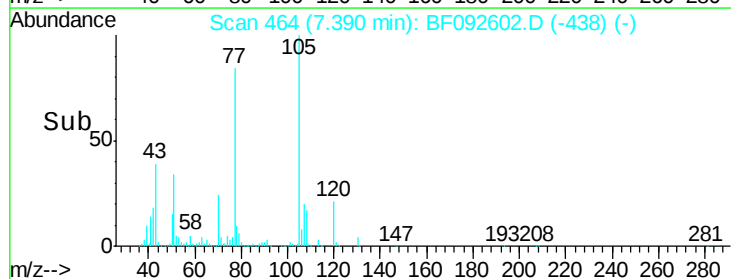
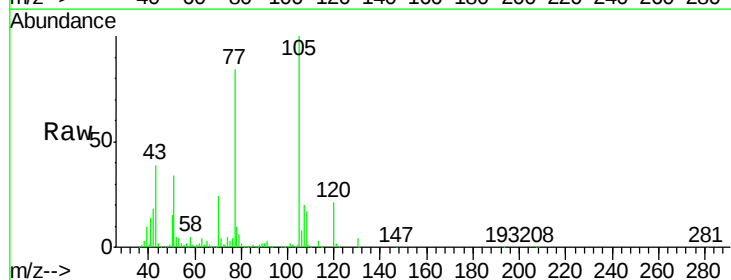
Instrument :
BNA_F
ClientSampleId :
SB-02-COMPMSD

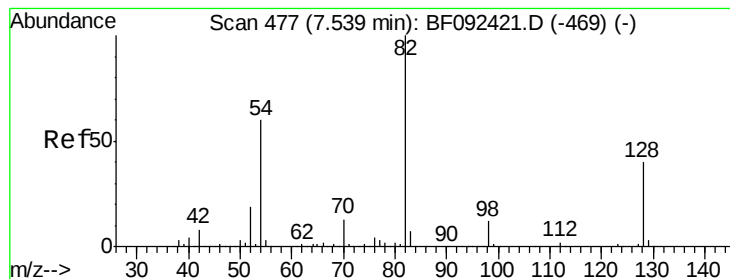
Tgt Ion:	136	Resp:	622244
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.4	12.6
54	10.6	4.5	6.7#
68	6.9	3.6	5.4#



#22
Acetophenone
Concen: 52.43 ng
RT: 7.39 min Scan# 464
Delta R.T. 0.00 min
Lab File: BF092602.D
Acq: 28 Jan 2017 3:22

Tgt Ion:	105	Resp:	777022
Ion	Ratio	Lower	Upper
105	100		
71	4.0	3.2	4.8
51	34.3	26.2	39.4
120	21.2	16.6	24.8





#23

Nitrobenzene-d5

Concen: 97.41 ng

RT: 7.55 min Scan# 478

Delta R.T. 0.01 min

Lab File: BF092602.D

Acq: 28 Jan 2017 3:22

Instrument :

BNA_F

ClientSampleId :

SB-02-COMPMSD

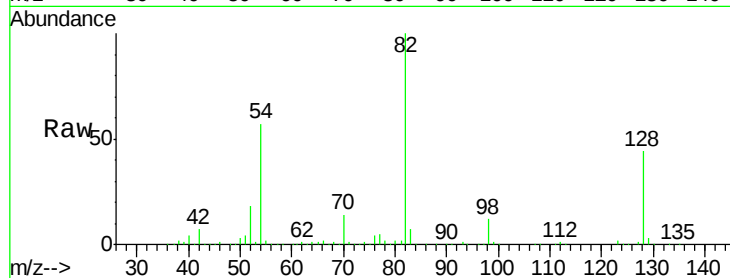
Tgt Ion: 82 Resp: 1109597

Ion Ratio Lower Upper

82 100

128 43.7 34.6 52.0

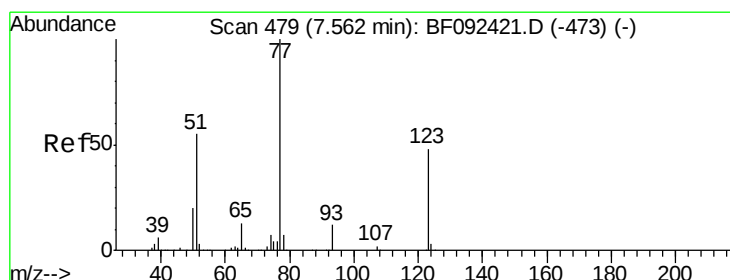
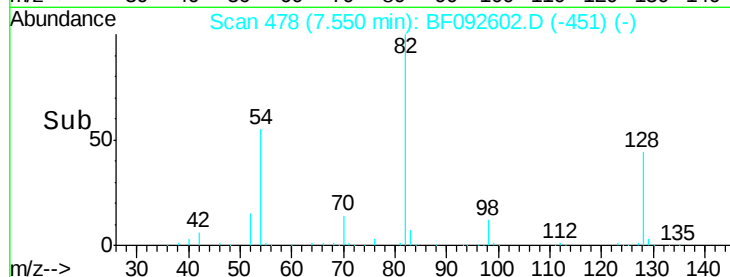
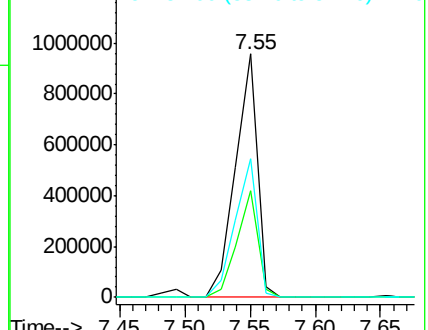
54 56.7 39.5 59.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 49.01 ng

RT: 7.56 min Scan# 479

Delta R.T. 0.00 min

Lab File: BF092602.D

Acq: 28 Jan 2017 3:22

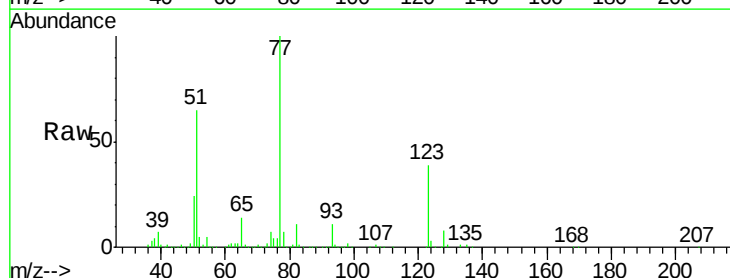
Tgt Ion: 77 Resp: 584825

Ion Ratio Lower Upper

77 100

123 39.2 33.0 49.4

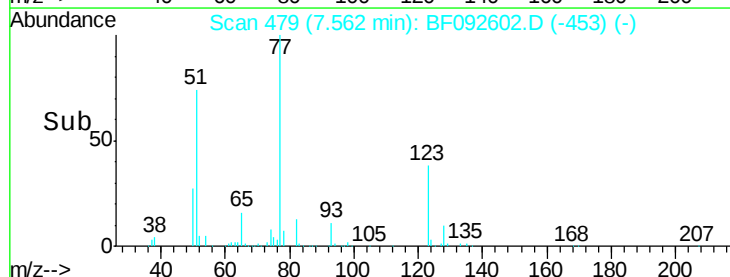
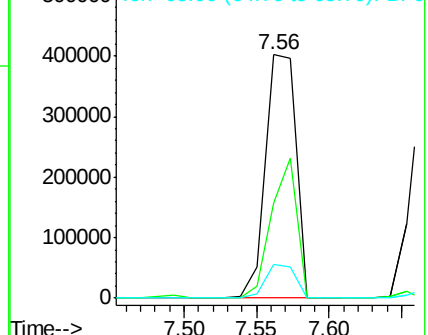
65 13.9 11.2 16.8

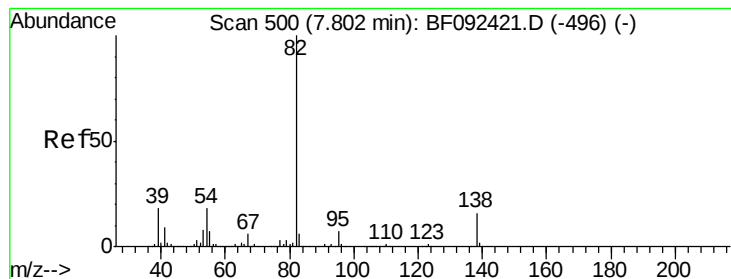


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 48.34 ng

RT: 7.80 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF092602.D

Acq: 28 Jan 2017 3:22

Instrument :

BNA_F

ClientSampleId :

SB-02-COMPMSD

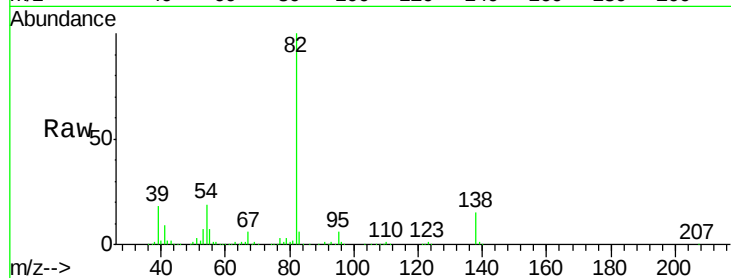
Tgt Ion: 82 Resp: 1085129

Ion Ratio Lower Upper

82 100

95 6.3 5.6 8.4

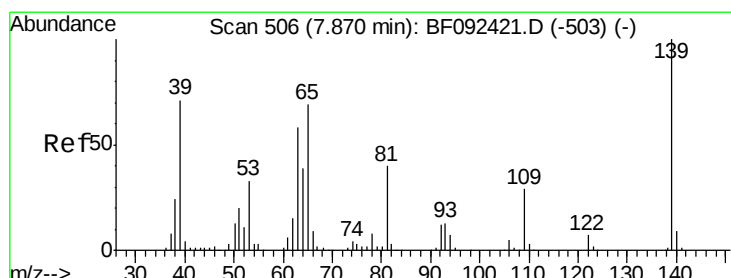
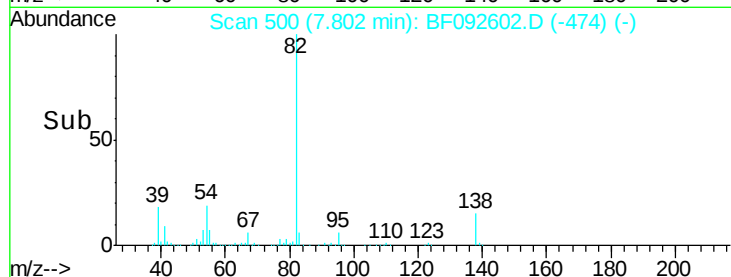
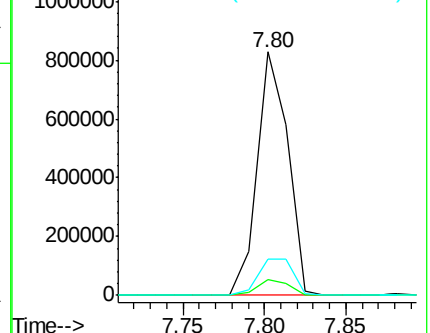
138 14.9 14.6 22.0



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: 32.40 ng

RT: 7.88 min Scan# 507

Delta R.T. 0.01 min

Lab File: BF092602.D

Acq: 28 Jan 2017 3:22

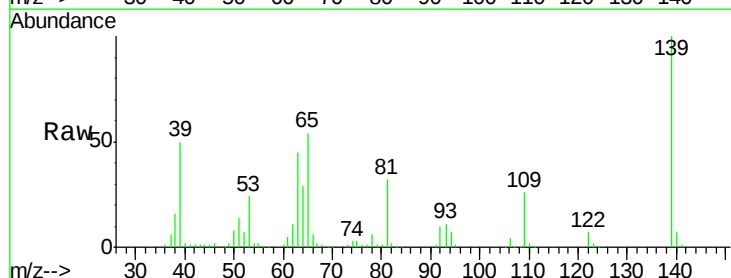
Tgt Ion: 139 Resp: 162017

Ion Ratio Lower Upper

139 100

109 26.5 23.3 34.9

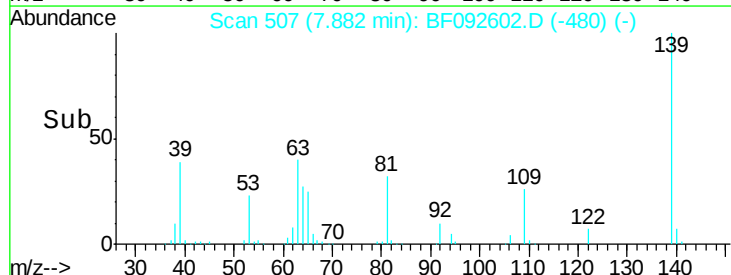
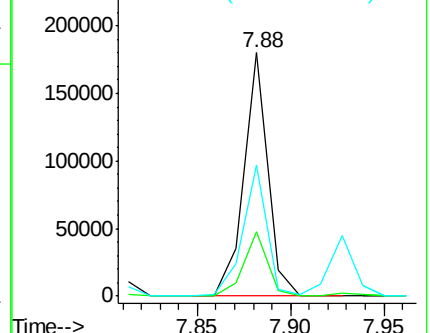
65 53.8 42.7 64.1

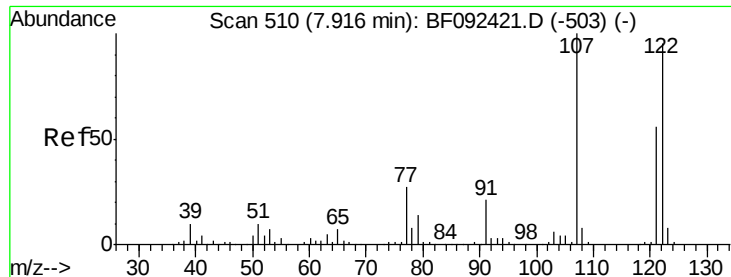


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

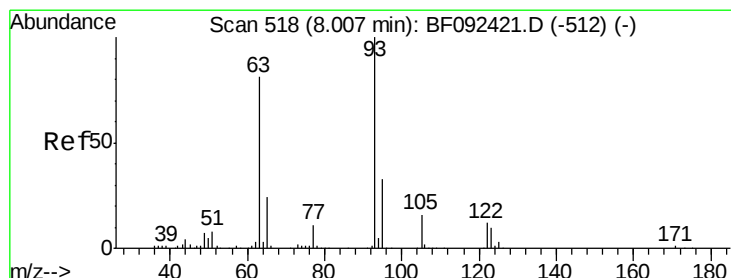
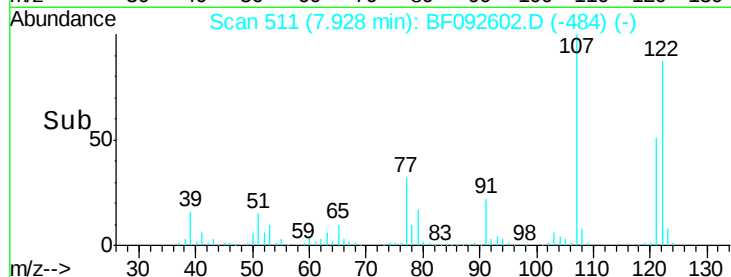
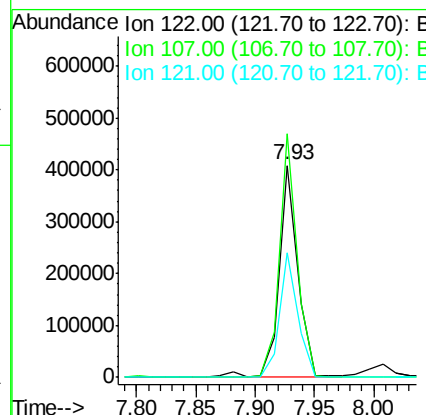
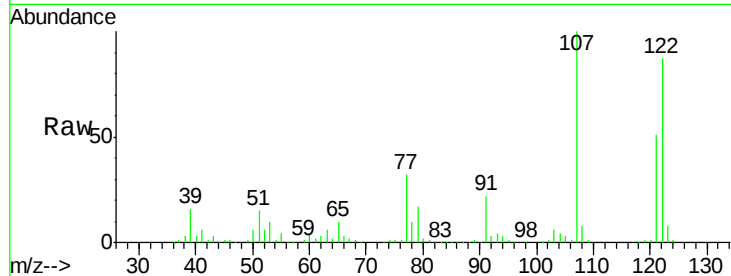




#27
 2,4-Dimethylphenol
 Concen: 43.32 ng
 RT: 7.93 min Scan# 511
 Delta R.T. 0.01 min
 Lab File: BF092602.D
 Acq: 28 Jan 2017 3:22

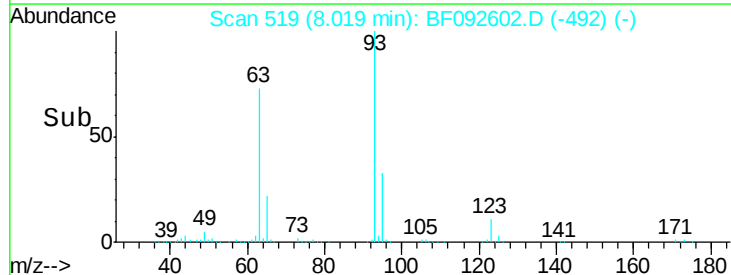
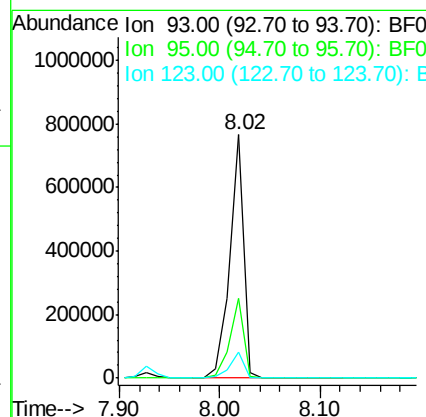
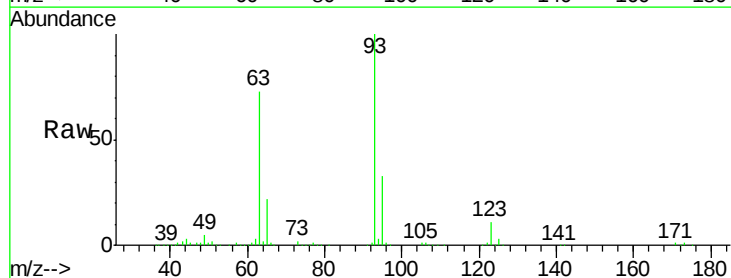
Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMPMSD

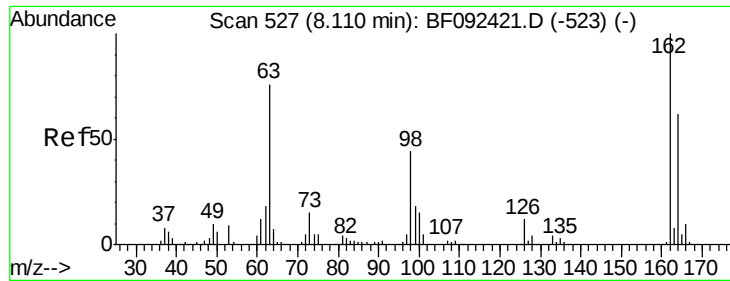
Tgt Ion:122 Resp: 450515
 Ion Ratio Lower Upper
 122 100
 107 114.8 94.1 141.1
 121 58.7 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 49.82 ng
 RT: 8.02 min Scan# 519
 Delta R.T. 0.01 min
 Lab File: BF092602.D
 Acq: 28 Jan 2017 3:22

Tgt Ion: 93 Resp: 734006
 Ion Ratio Lower Upper
 93 100
 95 32.7 26.5 39.7
 123 10.6 8.6 13.0

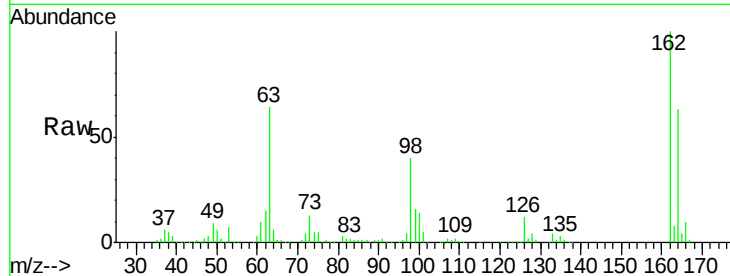




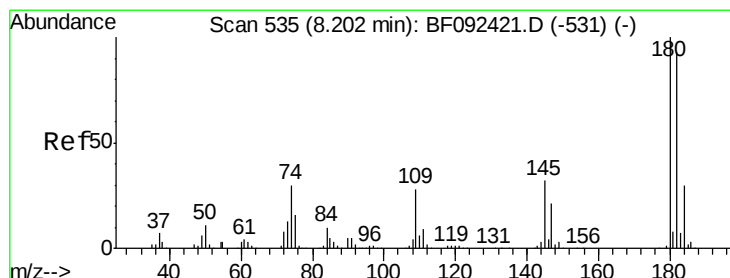
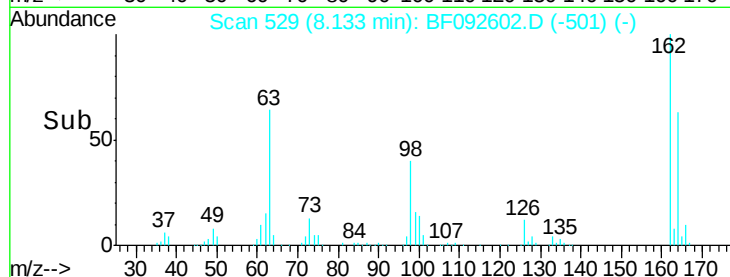
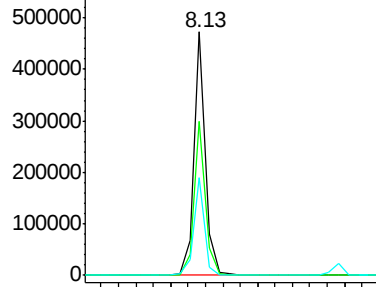
#29
2,4-Dichlorophenol
Concen: 48.22 ng
RT: 8.13 min Scan# 529
Delta R.T. 0.02 min
Lab File: BF092602.D
Acq: 28 Jan 2017 3:22

Instrument :
BNA_F
ClientSampleId :
SB-02-COMPMSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.4	46.8	86.8
98	39.9	9.1	49.1

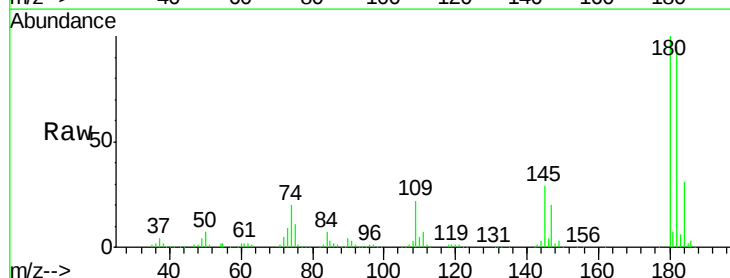


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

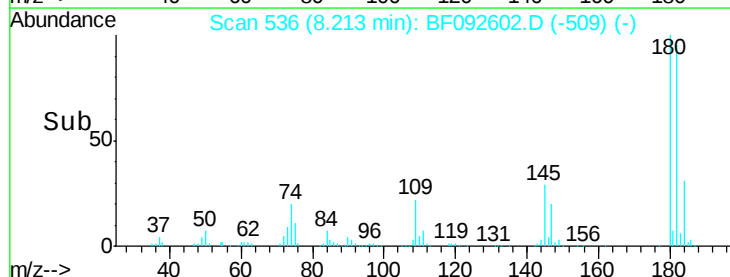
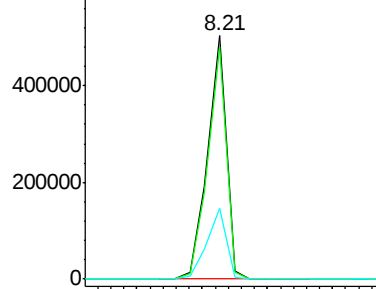


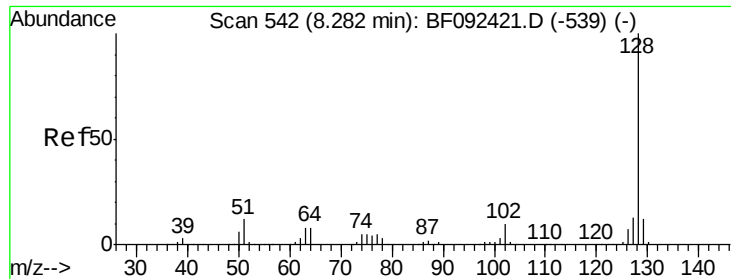
#30
1,2,4-Trichlorobenzene
Concen: 51.02 ng
RT: 8.21 min Scan# 536
Delta R.T. 0.01 min
Lab File: BF092602.D
Acq: 28 Jan 2017 3:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	78.2	117.4
145	29.1	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

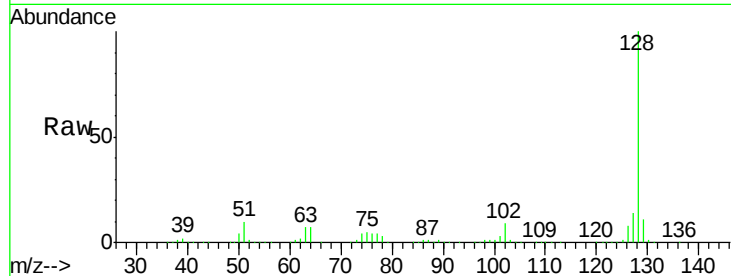




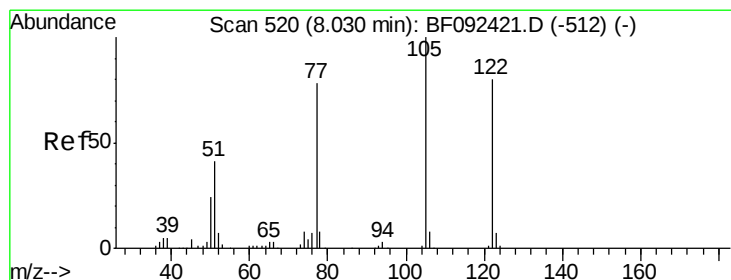
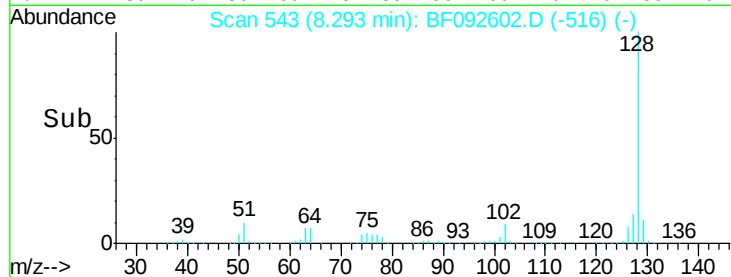
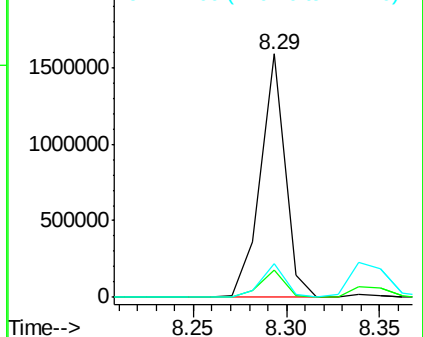
#31
Naphthalene
Concen: 45.49 ng
RT: 8.29 min Scan# 543
Delta R.T. 0.01 min
Lab File: BF092602.D
Acq: 28 Jan 2017 3:22

Instrument :
BNA_F
ClientSampleId :
SB-02-COMPMSD

Tgt Ion:128 Resp: 1448593
Ion Ratio Lower Upper
128 100
129 11.4 9.5 14.3
127 13.7 10.8 16.2

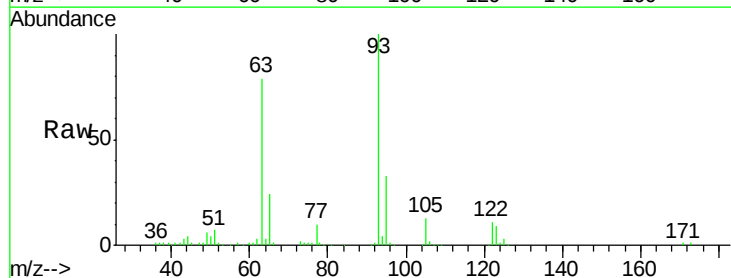


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

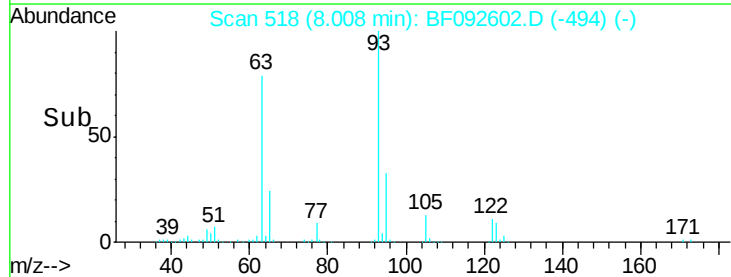
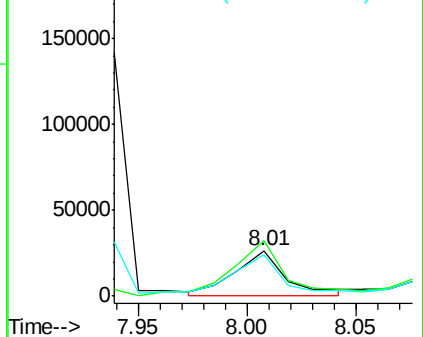


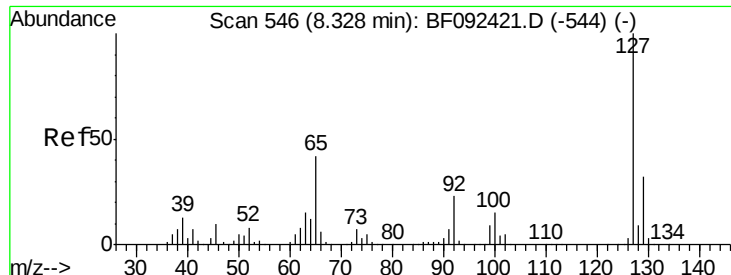
#32
Benzoic acid
Concen: 9.58 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.02 min
Lab File: BF092602.D
Acq: 28 Jan 2017 3:22

Tgt Ion:122 Resp: 42105
Ion Ratio Lower Upper
122 100
105 122.5 107.2 147.2
77 92.0 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

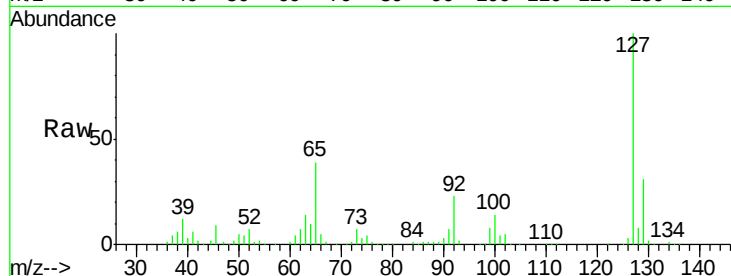




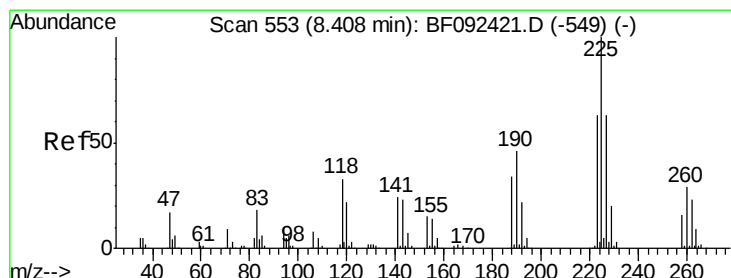
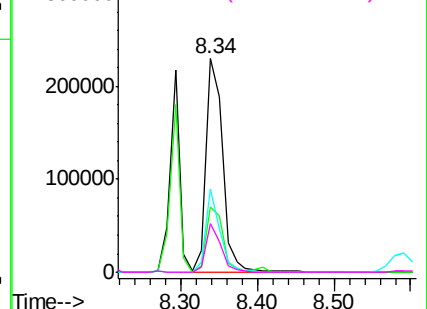
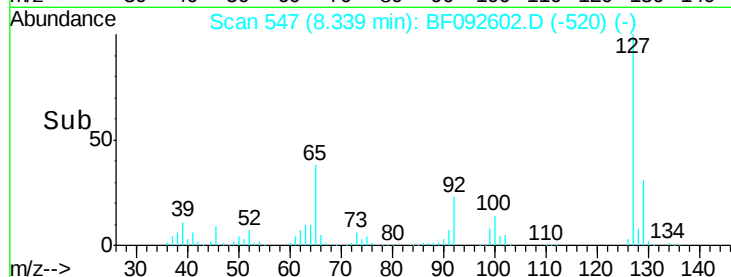
#33
 4-Chloroaniline
 Concen: 25.34 ng
 RT: 8.34 min Scan# 547
 Delta R.T. 0.01 min
 Lab File: BF092602.D
 Acq: 28 Jan 2017 3:22

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMPMSD

Tgt Ion:	127	Resp:	341439
Ion	Ratio	Lower	Upper
127	100		
129	30.8	26.3	39.5
65	39.2	25.8	38.8#
92	22.9	16.1	24.1

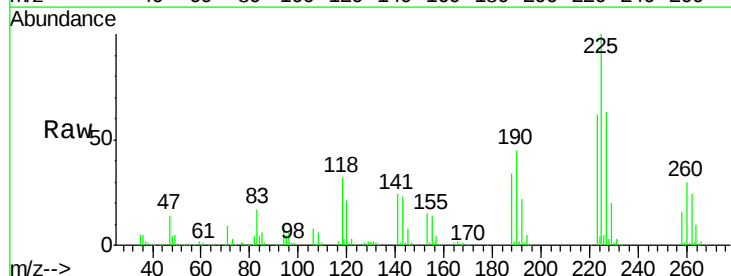


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

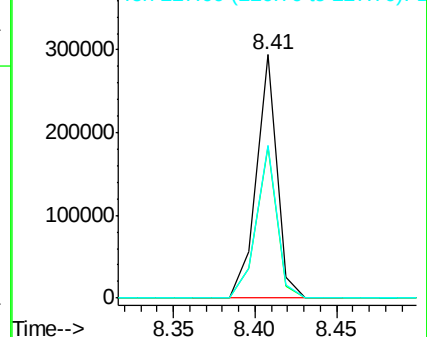
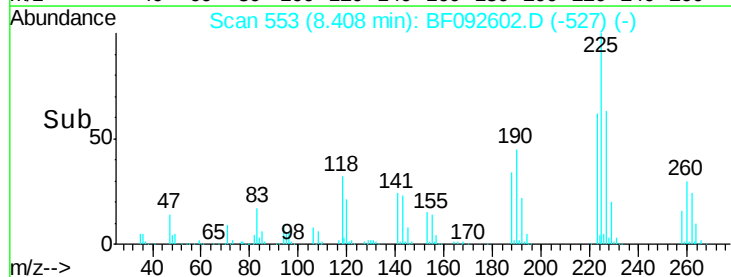


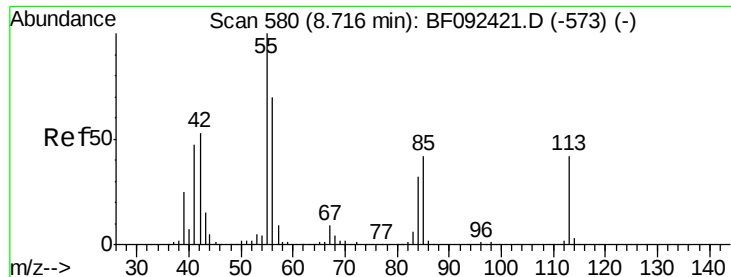
#34
 Hexachlorobutadiene
 Concen: 48.50 ng
 RT: 8.41 min Scan# 553
 Delta R.T. 0.00 min
 Lab File: BF092602.D
 Acq: 28 Jan 2017 3:22

Tgt Ion:	225	Resp:	258521
Ion	Ratio	Lower	Upper
225	100		
223	62.1	51.0	76.6
227	63.0	50.6	76.0



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

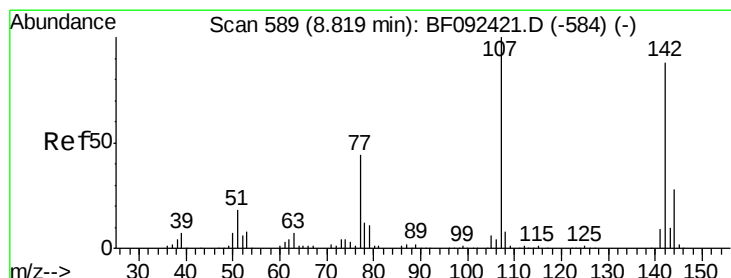
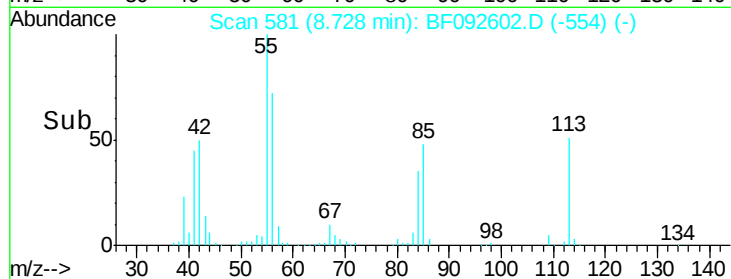
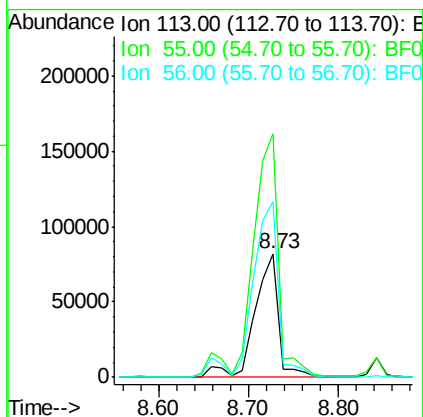
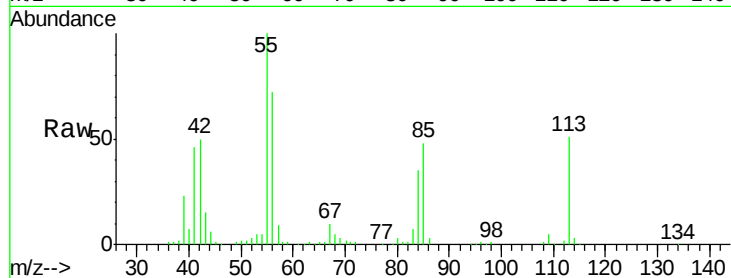




#35
 Caprolactam
 Concen: 49.89 ng m
 RT: 8.73 min Scan# 581
 Delta R.T. 0.01 min
 Lab File: BF092602.D
 Acq: 28 Jan 2017 3:22

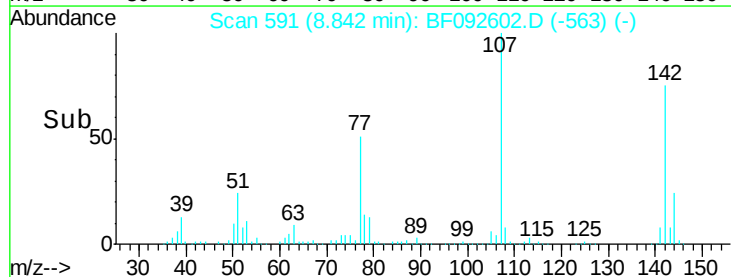
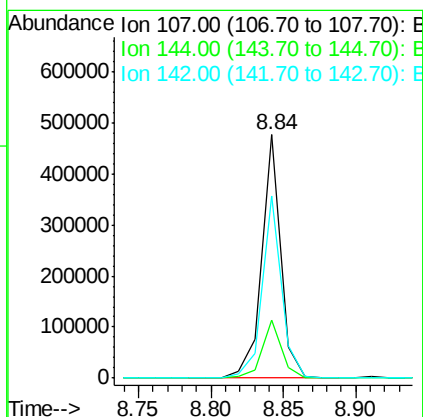
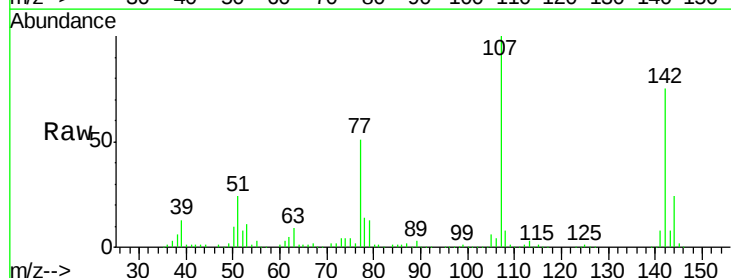
Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMPMSD

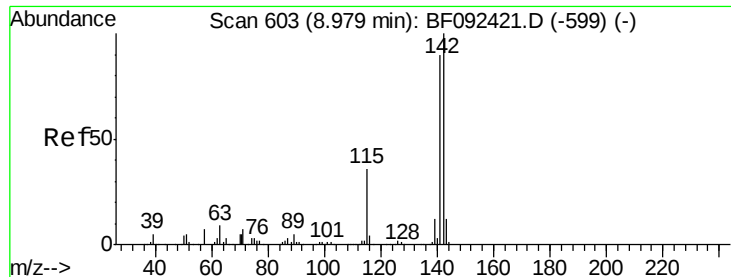
Tgt Ion:113 Resp: 150204
 Ion Ratio Lower Upper
 113 100
 55 197.0 119.2 159.2#
 56 141.9 83.8 123.8#



#36
 4-Chloro-3-methylphenol
 Concen: 44.55 ng
 RT: 8.84 min Scan# 591
 Delta R.T. 0.02 min
 Lab File: BF092602.D
 Acq: 28 Jan 2017 3:22

Tgt Ion:107 Resp: 433198
 Ion Ratio Lower Upper
 107 100
 144 23.7 19.3 28.9
 142 75.1 59.0 88.6

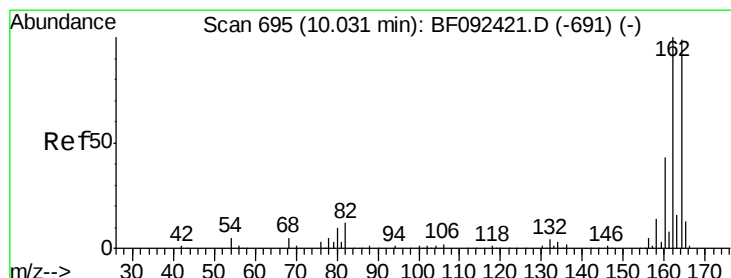
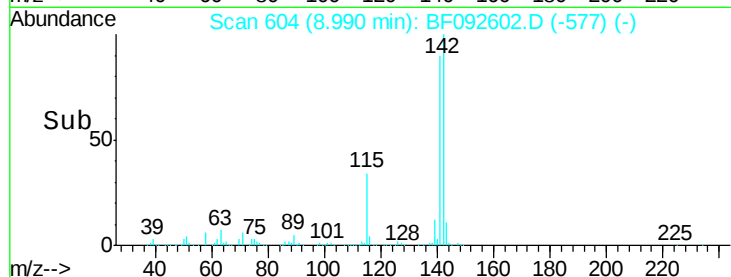
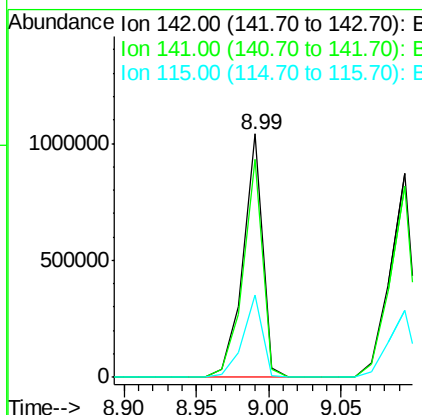
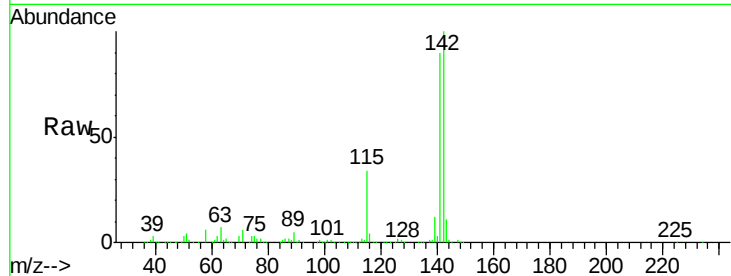




#37
 2-Methylnaphthalene
 Concen: 48.40 ng
 RT: 8.99 min Scan# 604
 Delta R.T. 0.01 min
 Lab File: BF092602.D
 Acq: 28 Jan 2017 3:22

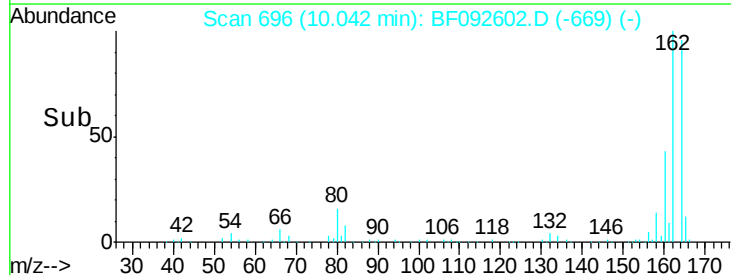
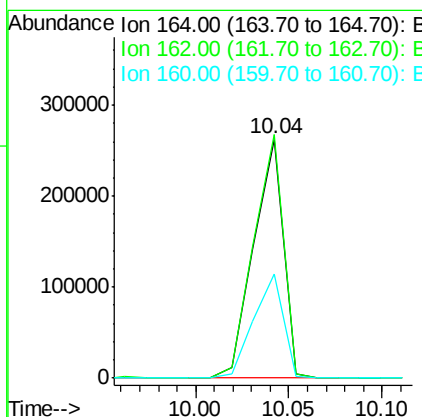
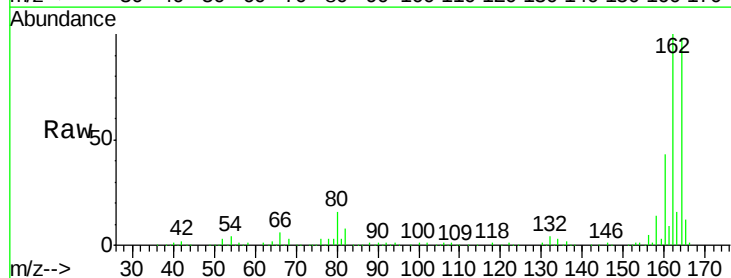
Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMPMSD

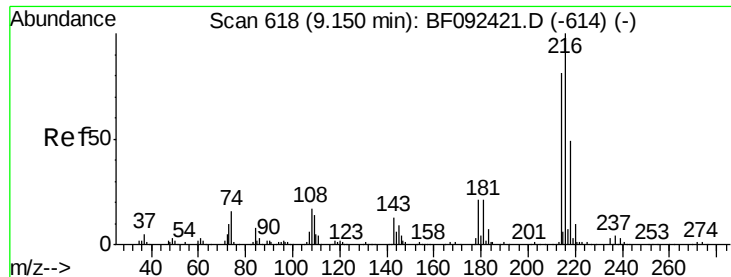
Tgt Ion:142 Resp: 975912
 Ion Ratio Lower Upper
 142 100
 141 89.6 71.0 106.6
 115 33.7 28.3 42.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.04 min Scan# 696
 Delta R.T. 0.01 min
 Lab File: BF092602.D
 Acq: 28 Jan 2017 3:22

Tgt Ion:164 Resp: 288589
 Ion Ratio Lower Upper
 164 100
 162 102.0 80.2 120.2
 160 43.5 36.9 55.3

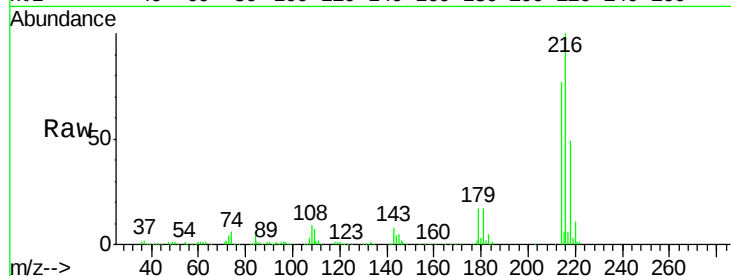




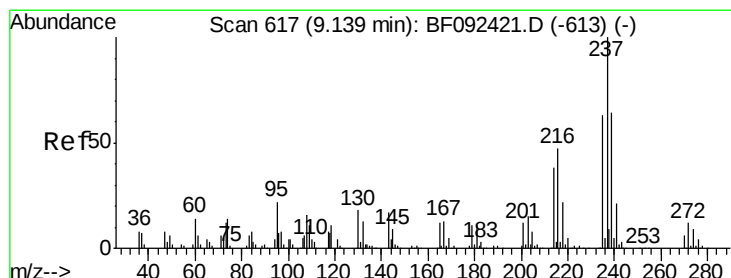
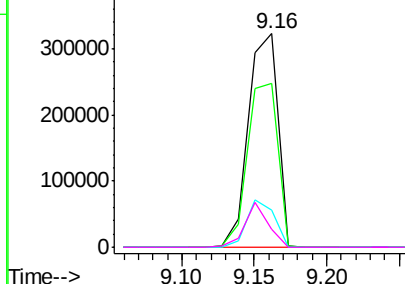
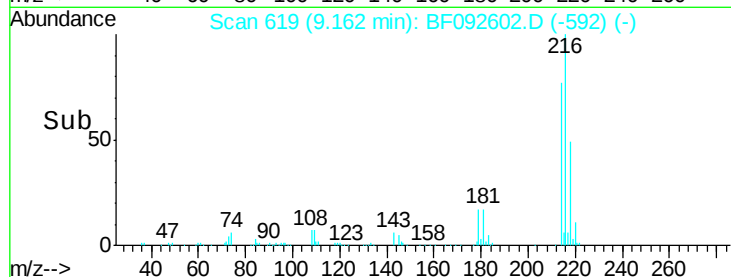
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 62.37 ng
 RT: 9.16 min Scan# 619
 Delta R.T. 0.01 min
 Lab File: BF092602.D
 Acq: 28 Jan 2017 3:22

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMPMSD

Tgt Ion:	216	Resp:	454034
Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.4	95.0
179	21.0	17.4	26.2
108	17.0	15.6	23.4

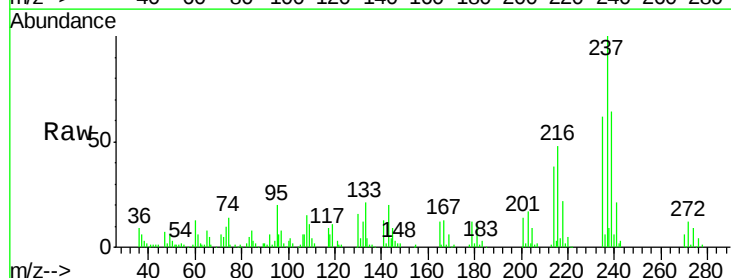


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

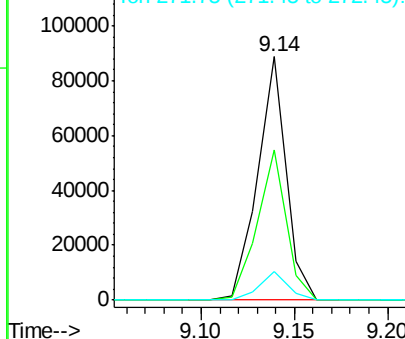
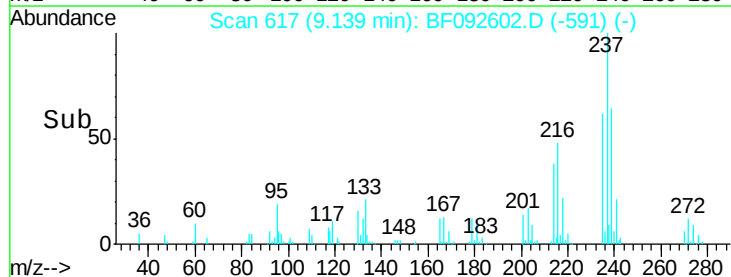


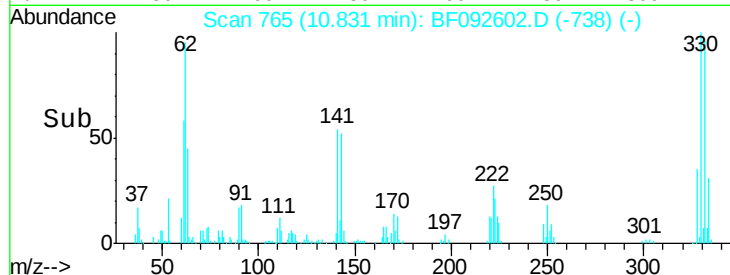
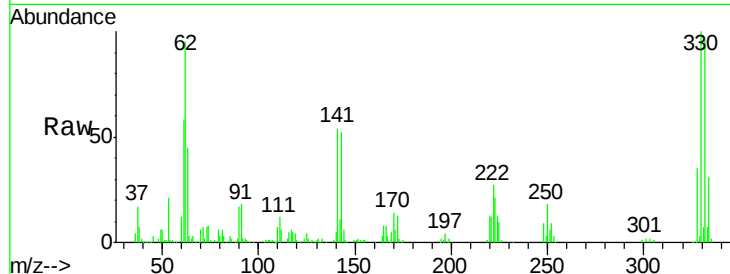
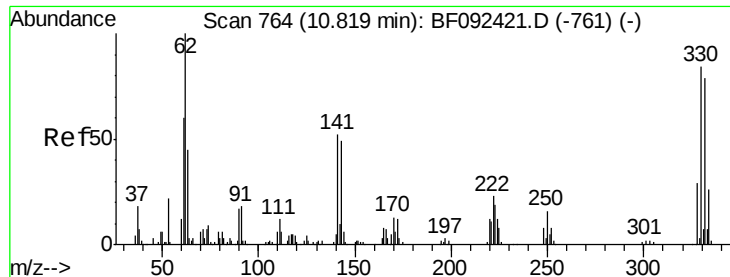
#40
 Hexachlorocyclopentadiene
 Concen: 25.70 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF092602.D
 Acq: 28 Jan 2017 3:22

Tgt Ion:	237	Resp:	93680
Ion	Ratio	Lower	Upper
237	100		
235	61.5	41.2	81.2
272	11.7	0.0	35.4



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

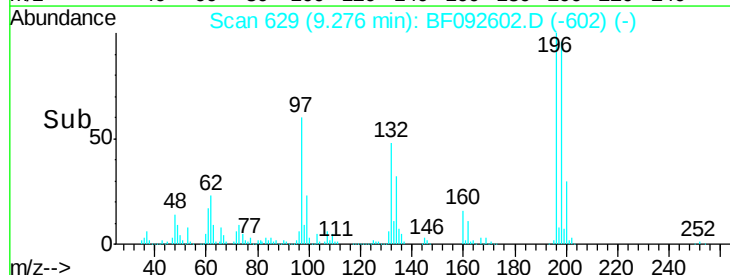
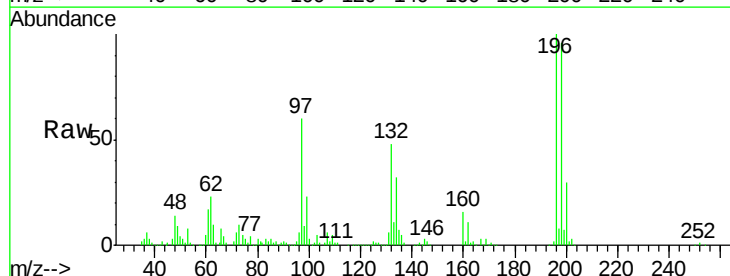
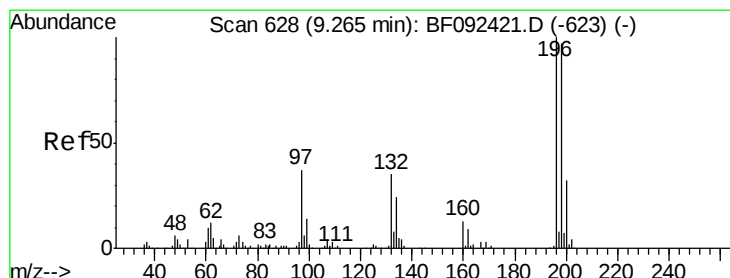
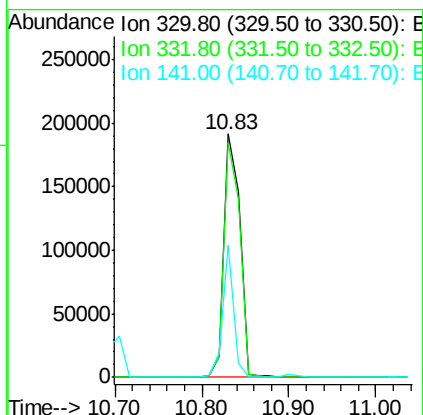




#41
 2,4,6-Tribromophenol
 Concen: 126.21 ng
 RT: 10.83 min Scan# 765
 Delta R.T. 0.01 min
 Lab File: BF092602.D
 Acq: 28 Jan 2017 3:22

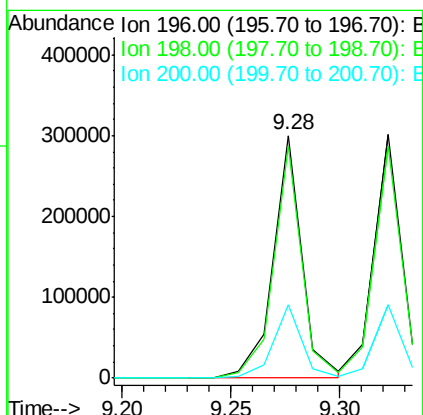
Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMPMSD

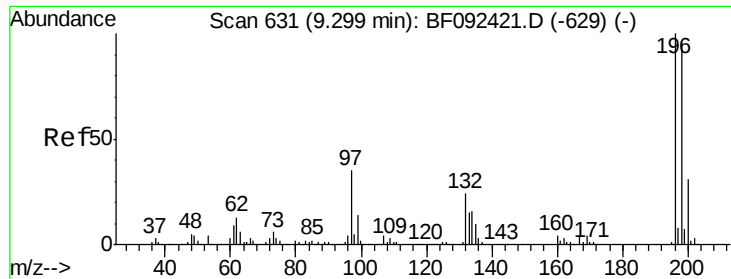
Tgt Ion:330 Resp: 248197
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.4 116.2
 141 38.1 34.1 51.1



#42
 2,4,6-Trichlorophenol
 Concen: 49.92 ng
 RT: 9.28 min Scan# 629
 Delta R.T. 0.01 min
 Lab File: BF092602.D
 Acq: 28 Jan 2017 3:22

Tgt Ion:196 Resp: 278412
 Ion Ratio Lower Upper
 196 100
 198 95.8 82.1 123.1
 200 30.3 27.0 40.4

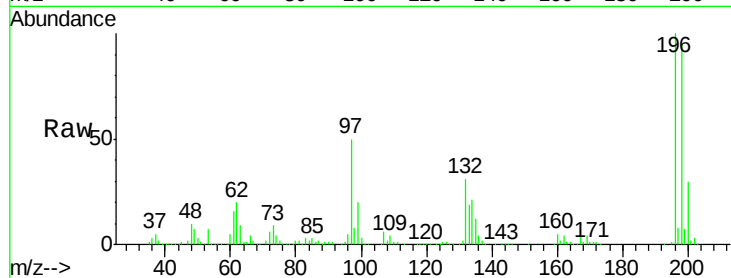




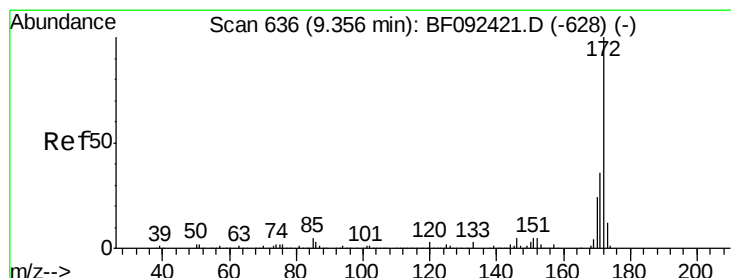
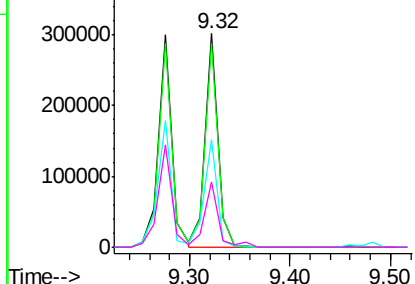
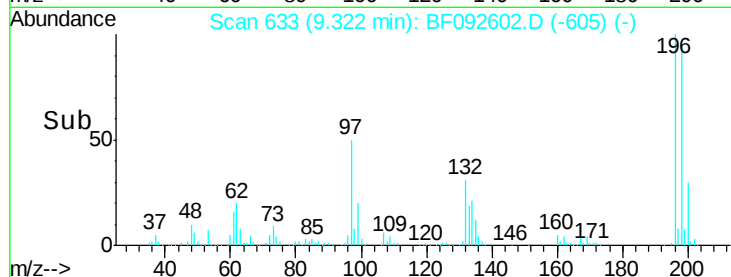
#43
 2,4,5-Trichlorophenol
 Concen: 52.69 ng
 RT: 9.32 min Scan# 633
 Delta R.T. 0.02 min
 Lab File: BF092602.D
 Acq: 28 Jan 2017 3:22

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMPMSD

Tgt Ion:196 Resp: 268904
 Ion Ratio Lower Upper
 196 100
 198 95.1 79.4 119.2
 97 50.3 51.5 77.3#
 132 30.7 27.4 41.2

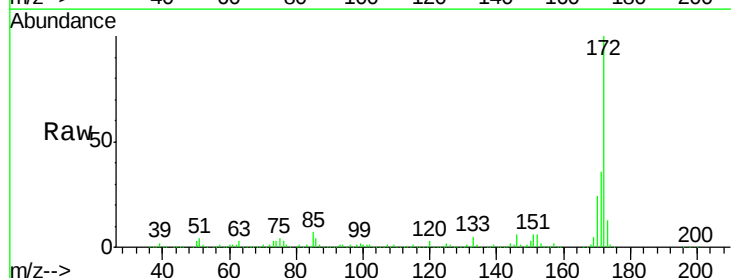


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

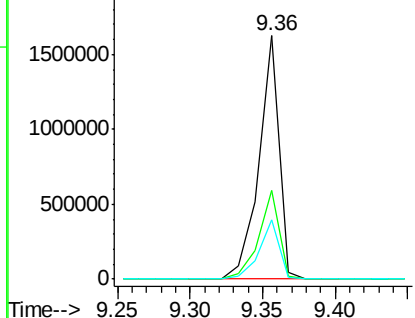
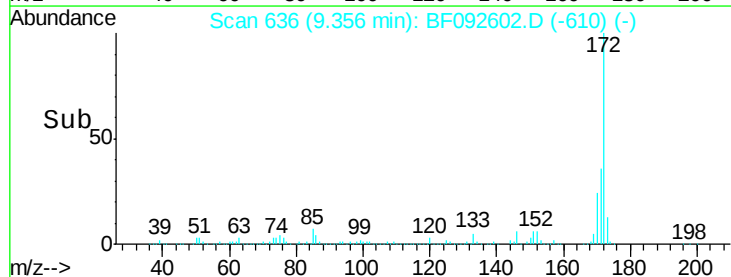


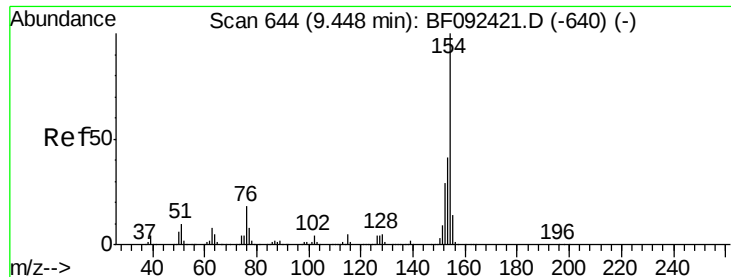
#44
 2-Fluorobiphenyl
 Concen: 100.54 ng
 RT: 9.36 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: BF092602.D
 Acq: 28 Jan 2017 3:22

Tgt Ion:172 Resp: 1569042
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.4 44.0
 170 24.4 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

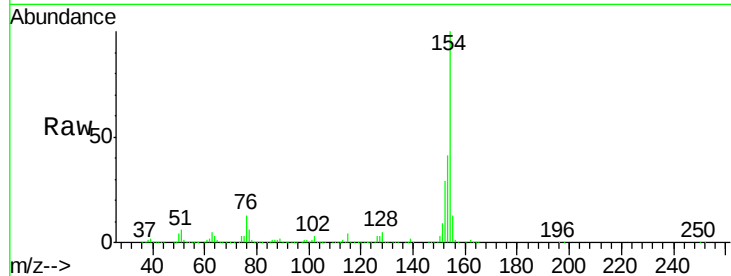




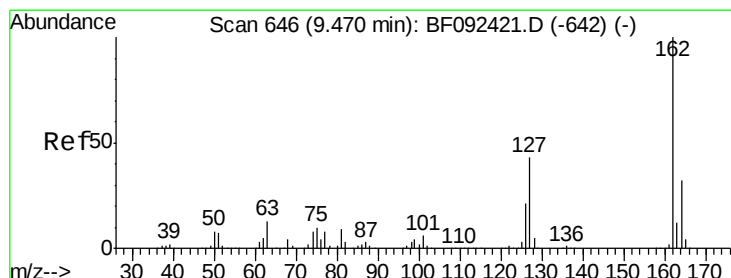
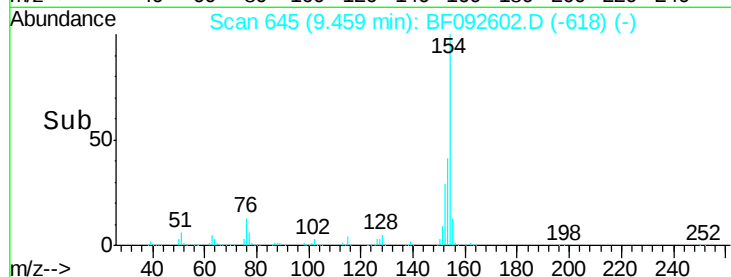
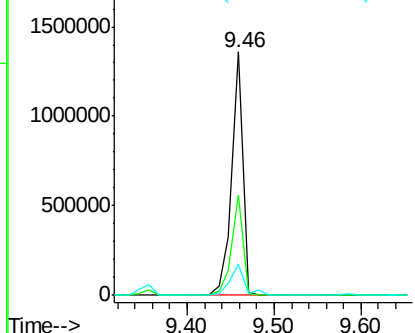
#45
 1,1'-Biphenyl
 Concen: 57.99 ng
 RT: 9.46 min Scan# 645
 Delta R.T. 0.01 min
 Lab File: BF092602.D
 Acq: 28 Jan 2017 3:22

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMPMSD

Tgt Ion:154 Resp: 1209739
 Ion Ratio Lower Upper
 154 100
 153 41.3 20.9 60.9
 76 12.7 0.0 30.5

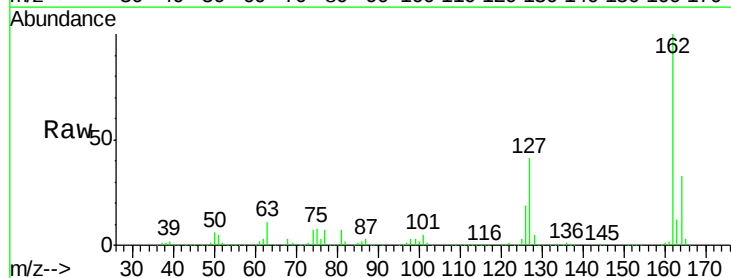


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

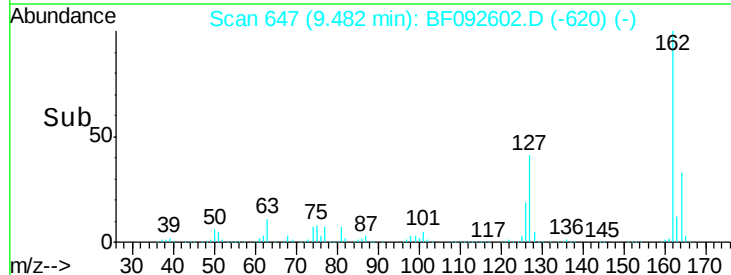
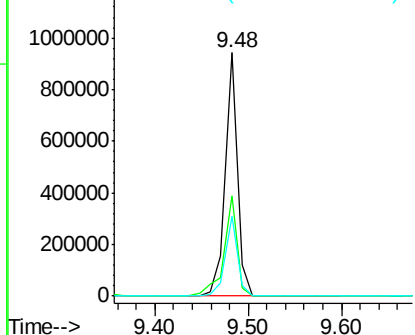


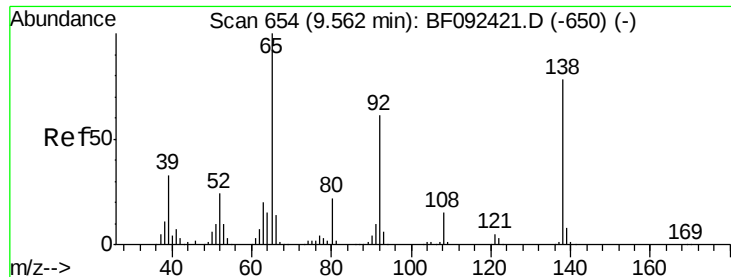
#46
 2-Chloronaphthalene
 Concen: 49.78 ng
 RT: 9.48 min Scan# 647
 Delta R.T. 0.01 min
 Lab File: BF092602.D
 Acq: 28 Jan 2017 3:22

Tgt Ion:162 Resp: 848272
 Ion Ratio Lower Upper
 162 100
 127 41.3 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

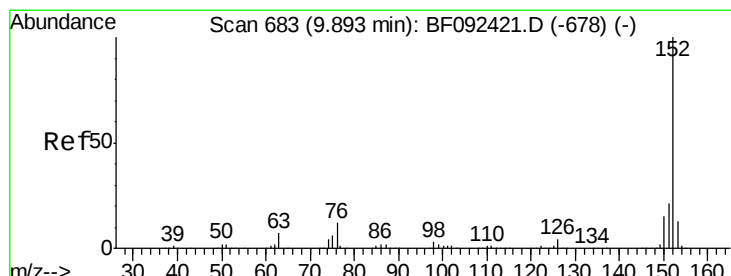
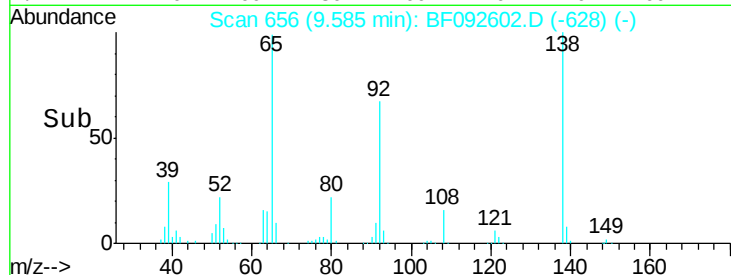
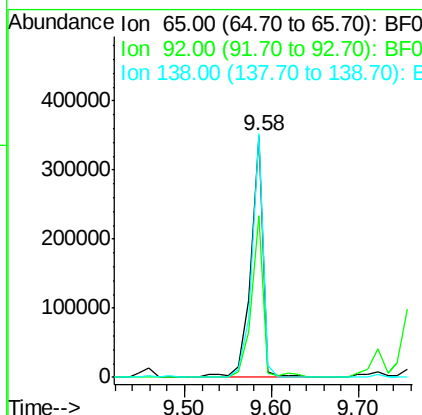
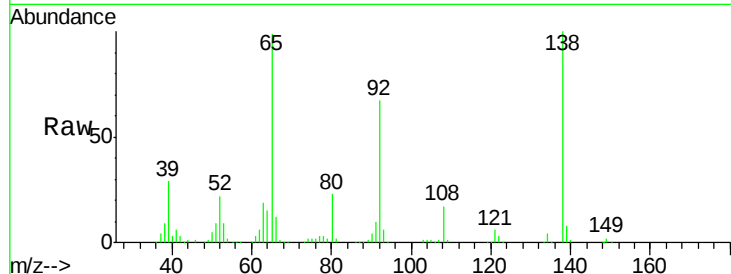




#47
 2-Nitroaniline
 Concen: 60.41 ng
 RT: 9.58 min Scan# 656
 Delta R.T. 0.02 min
 Lab File: BF092602.D
 Acq: 28 Jan 2017 3:22

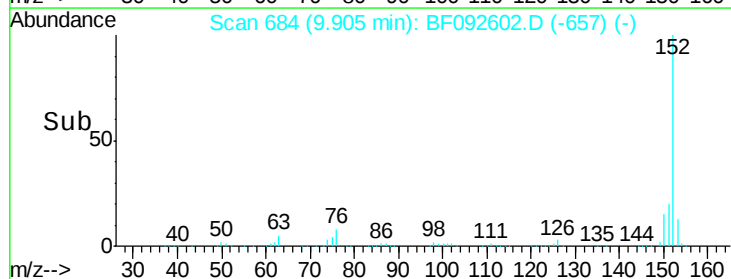
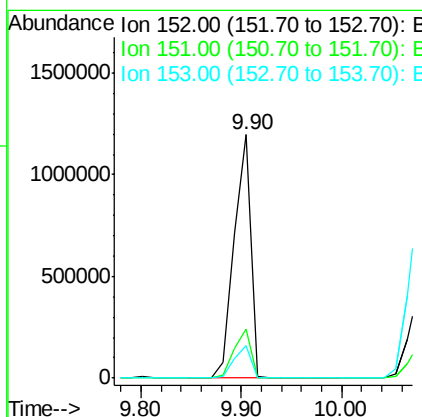
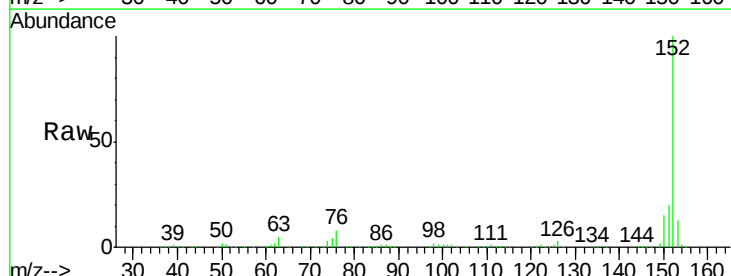
Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMPMSD

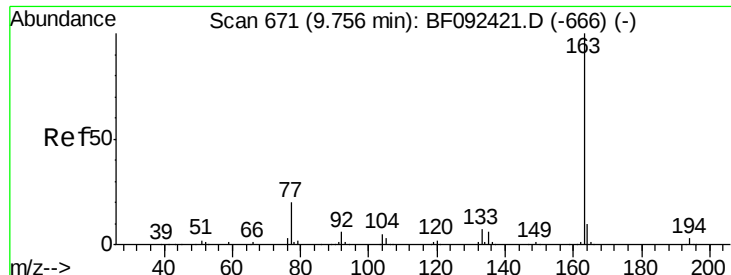
Tgt Ion: 65 Resp: 346601
 Ion Ratio Lower Upper
 65 100
 92 67.1 53.9 80.9
 138 100.8 76.8 115.2



#48
 Acenaphthylene
 Concen: 54.96 ng
 RT: 9.90 min Scan# 684
 Delta R.T. 0.01 min
 Lab File: BF092602.D
 Acq: 28 Jan 2017 3:22

Tgt Ion: 152 Resp: 1373569
 Ion Ratio Lower Upper
 152 100
 151 20.2 16.9 25.3
 153 13.1 11.4 17.2

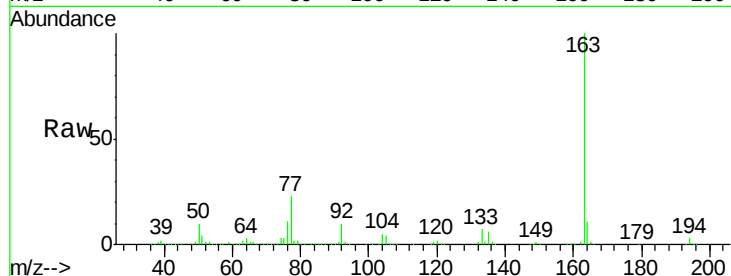




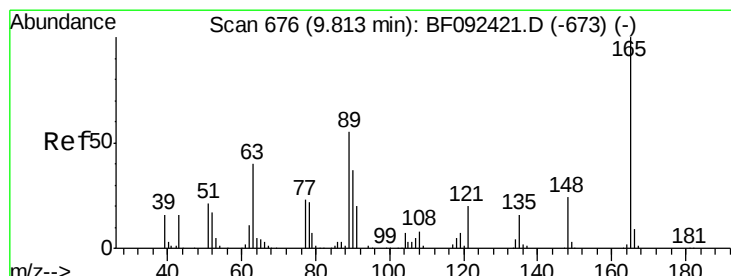
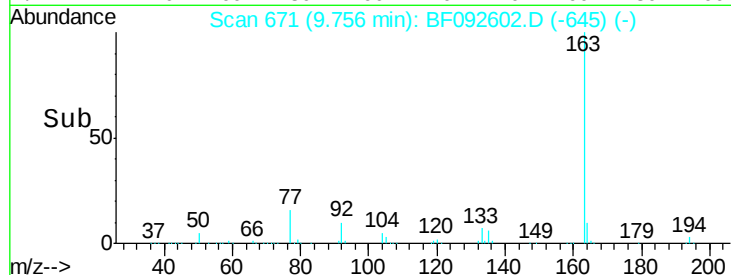
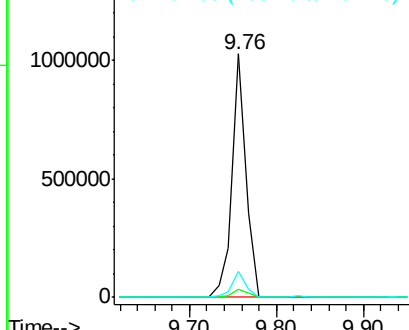
#49
Dimethylphthalate
Concen: 61.34 ng
RT: 9.76 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF092602.D
Acq: 28 Jan 2017 3:22

Instrument :
BNA_F
ClientSampleId :
SB-02-COMPMSD

Tgt Ion:163 Resp: 1125618
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.4
164 10.9 8.0 12.0

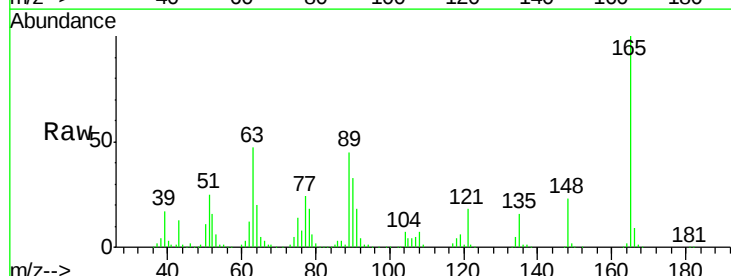


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

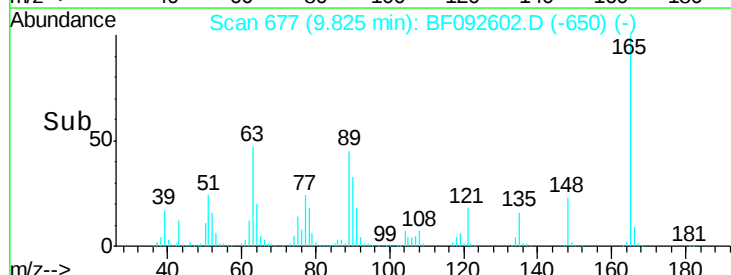
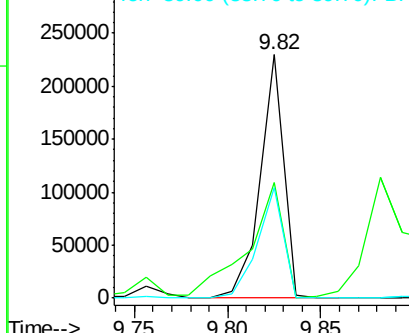


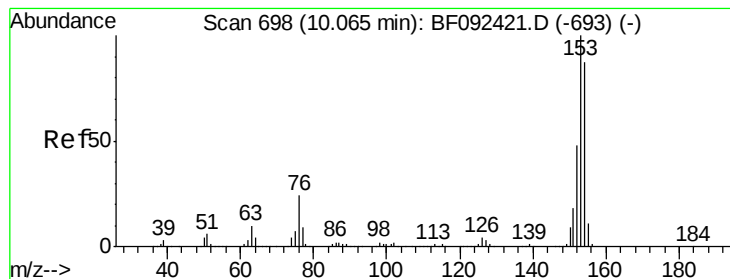
#50
2,6-Dinitrotoluene
Concen: 53.06 ng
RT: 9.82 min Scan# 677
Delta R.T. 0.01 min
Lab File: BF092602.D
Acq: 28 Jan 2017 3:22

Tgt Ion:165 Resp: 199043
Ion Ratio Lower Upper
165 100
63 47.3 36.2 54.4
89 45.2 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: 52.07 ng

RT: 10.08 min Scan# 699

Delta R.T. 0.01 min

Lab File: BF092602.D

Acq: 28 Jan 2017 3:22

Instrument :

BNA_F

ClientSampleId :

SB-02-COMPMSD

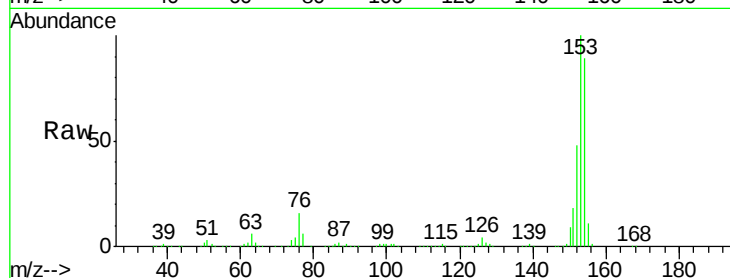
Tgt Ion:154 Resp: 808556

Ion Ratio Lower Upper

154 100

153 112.7 88.6 133.0

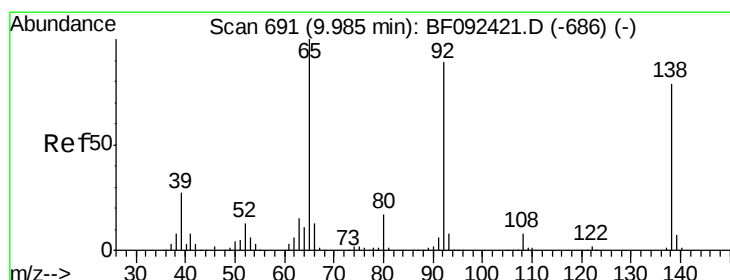
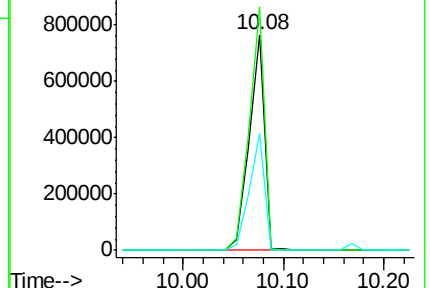
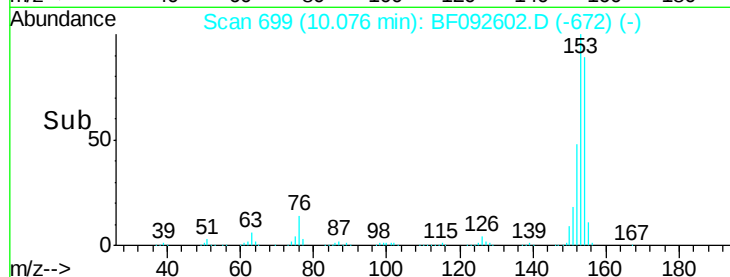
152 54.0 41.6 62.4



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: 52.36 ng

RT: 10.00 min Scan# 692

Delta R.T. 0.01 min

Lab File: BF092602.D

Acq: 28 Jan 2017 3:22

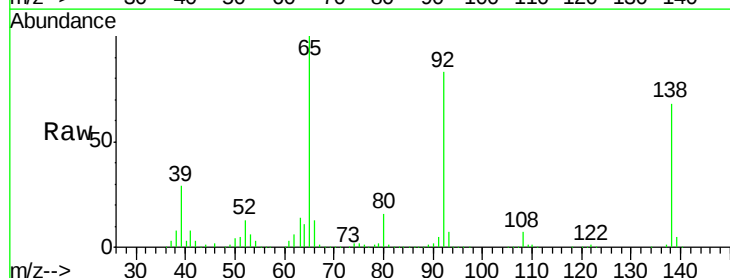
Tgt Ion:138 Resp: 245981

Ion Ratio Lower Upper

138 100

108 10.7 8.5 12.7

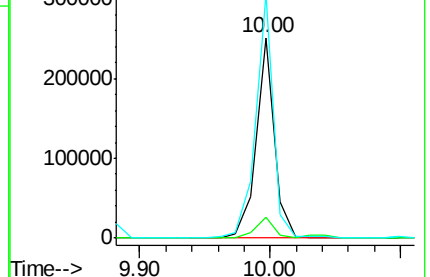
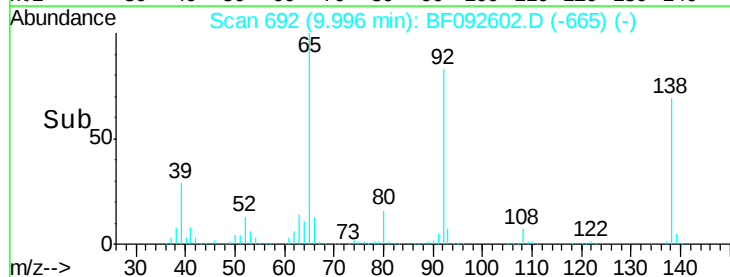
92 121.6 97.8 146.8

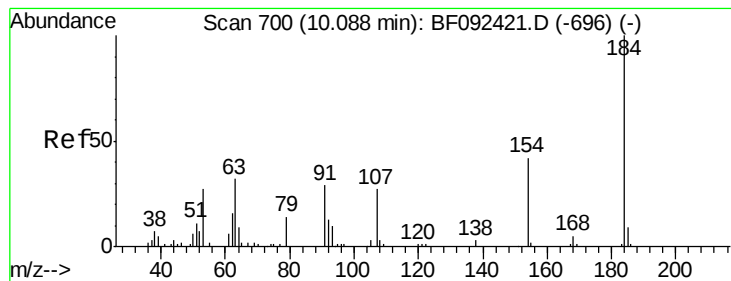


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 8.57 ng

RT: 10.10 min Scan# 701

Delta R.T. 0.01 min

Lab File: BF092602.D

Acq: 28 Jan 2017 3:22

Instrument :

BNA_F

ClientSampleId :

SB-02-COMPMSD

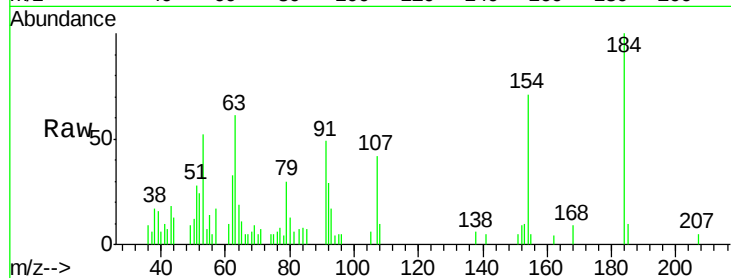
Tgt Ion:184 Resp: 6875

Ion Ratio Lower Upper

184 100

63 61.1 28.4 42.6#

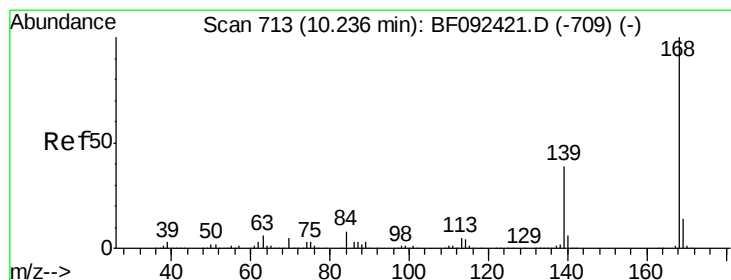
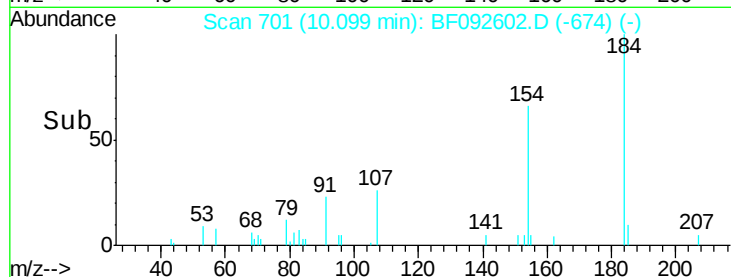
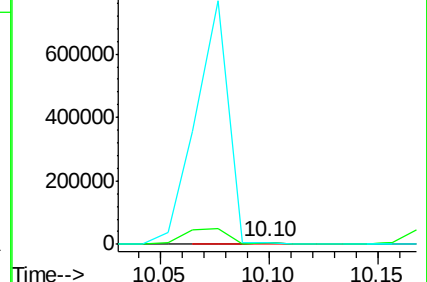
154 70.6 44.3 66.5#



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: 56.71 ng

RT: 10.25 min Scan# 714

Delta R.T. 0.01 min

Lab File: BF092602.D

Acq: 28 Jan 2017 3:22

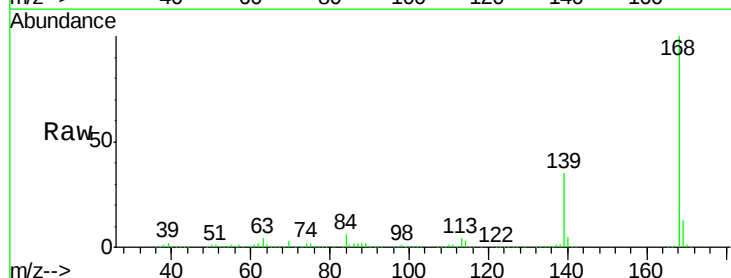
Tgt Ion:168 Resp: 1195713

Ion Ratio Lower Upper

168 100

139 34.7 32.6 49.0

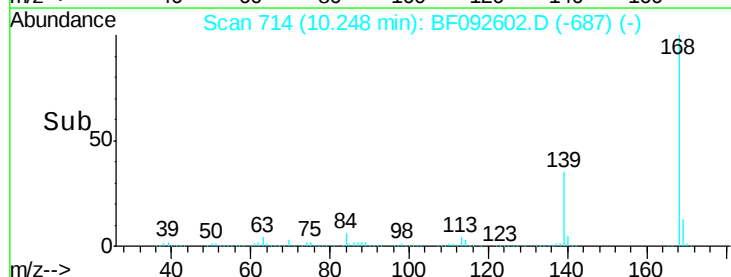
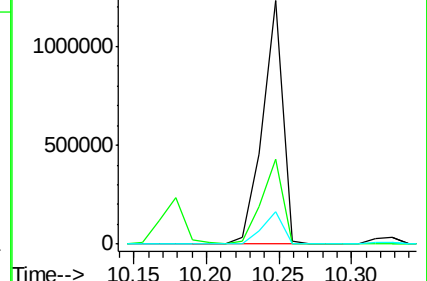
169 13.4 11.3 16.9

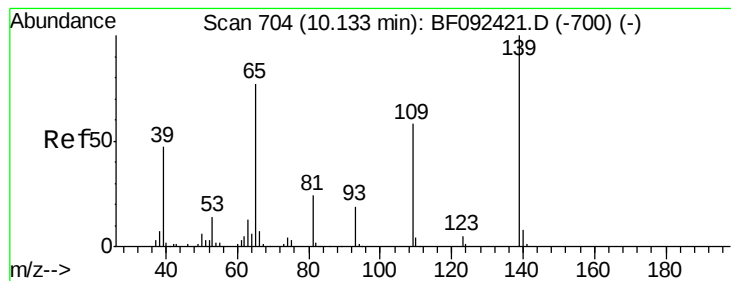


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 73.34 ng

RT: 10.18 min Scan# 708

Delta R.T. 0.05 min

Lab File: BF092602.D

Acq: 28 Jan 2017 3:22

Instrument :

BNA_F

ClientSampleId :

SB-02-COMPMSD

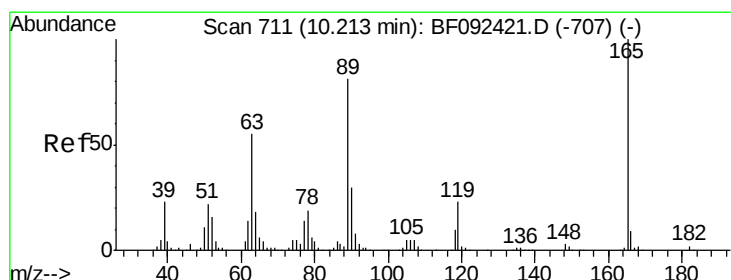
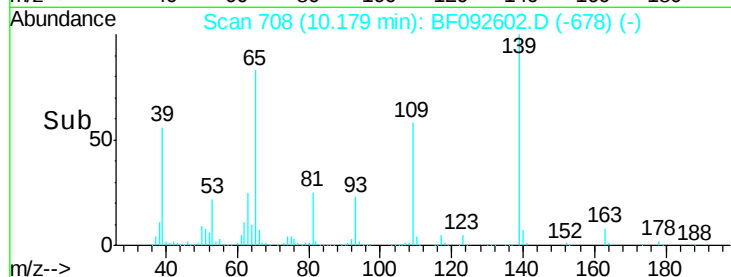
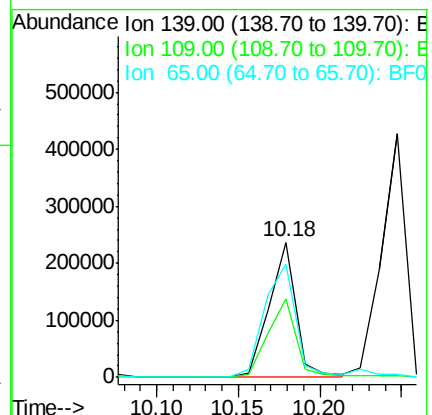
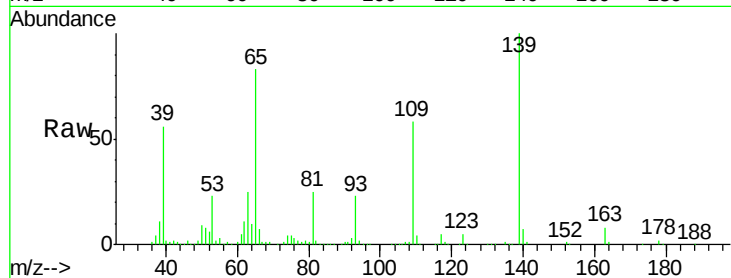
Tgt Ion:139 Resp: 273640

Ion Ratio Lower Upper

139 100

109 57.8 52.2 92.2

65 83.4 85.8 125.8#



#56

2,4-Dinitrotoluene

Concen: 40.31 ng

RT: 10.22 min Scan# 712

Delta R.T. 0.01 min

Lab File: BF092602.D

Acq: 28 Jan 2017 3:22

Tgt Ion:165 Resp: 200729

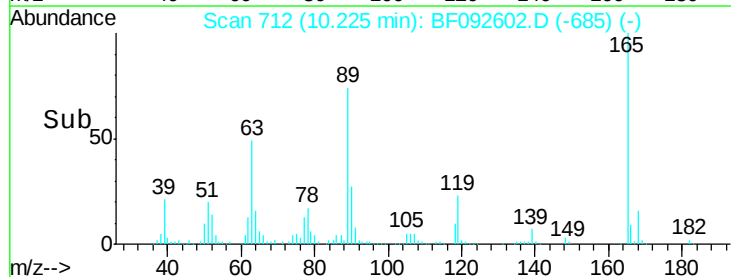
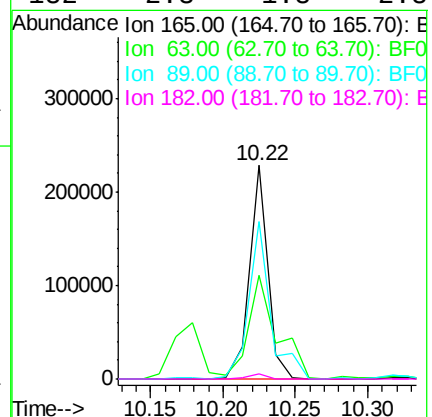
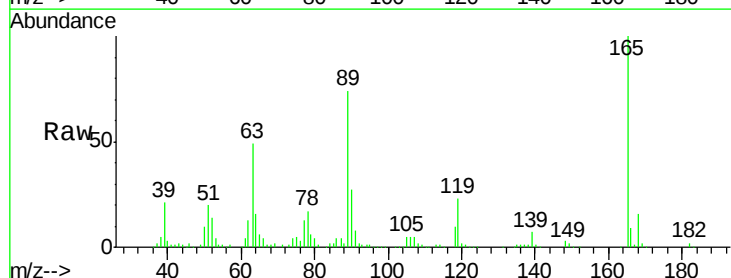
Ion Ratio Lower Upper

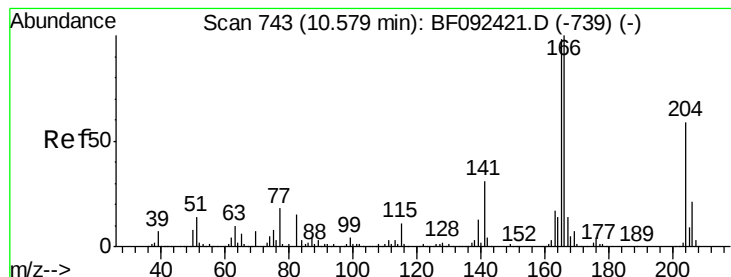
165 100

63 48.8 40.2 60.4

89 74.0 62.5 93.7

182 2.3 1.8 2.8





#57

Fluorene

Concen: 54.22 ng

RT: 10.59 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF092602.D

Acq: 28 Jan 2017 3:22

Instrument :

BNA_F

ClientSampleId :

SB-02-COMPMSD

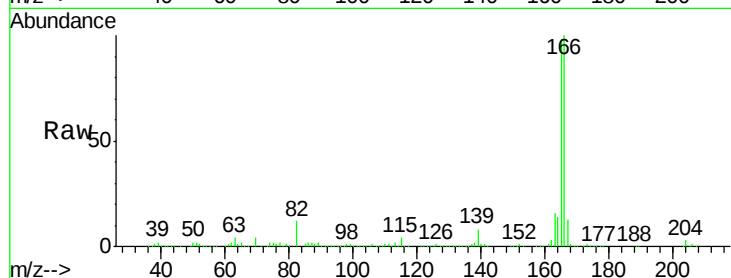
Tgt Ion:166 Resp: 847737

Ion Ratio Lower Upper

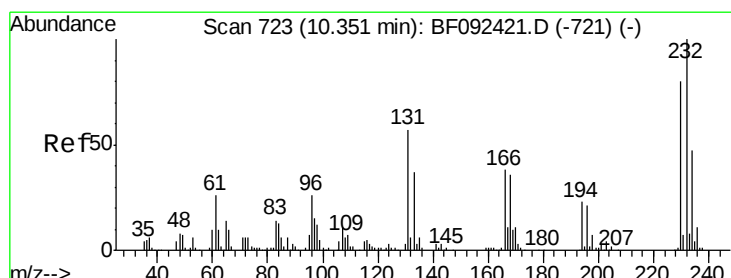
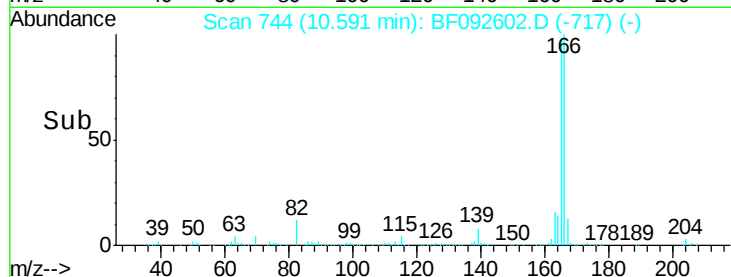
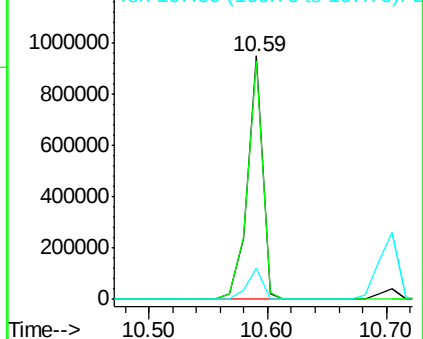
166 100

165 98.2 77.8 116.8

167 13.0 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: 49.11 ng

RT: 10.36 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF092602.D

Acq: 28 Jan 2017 3:22

Tgt Ion:232 Resp: 187767

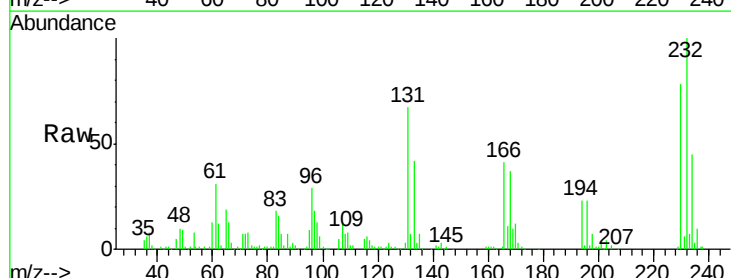
Ion Ratio Lower Upper

232 100

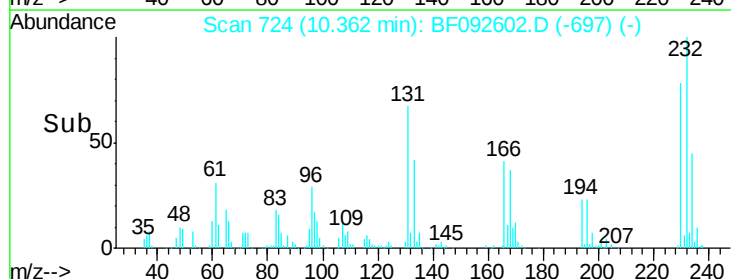
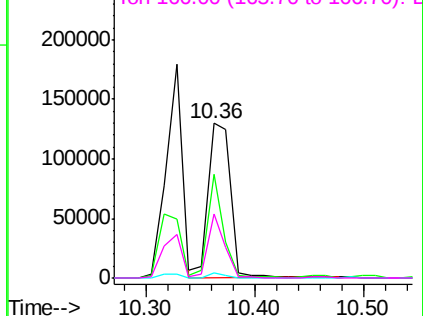
131 45.7 40.1 60.1

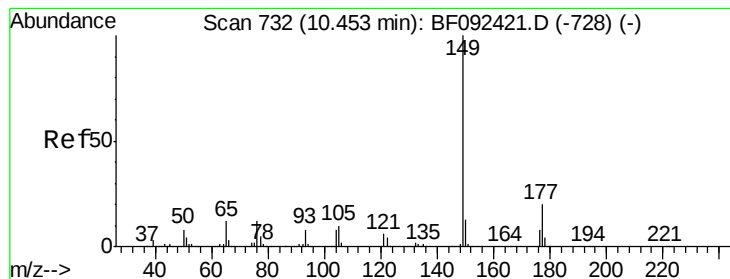
130 2.2 1.8 2.8

166 31.5 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: 58.42 ng

RT: 10.46 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF092602.D

Acq: 28 Jan 2017 3:22

Instrument :

BNA_F

ClientSampleId :

SB-02-COMPMSD

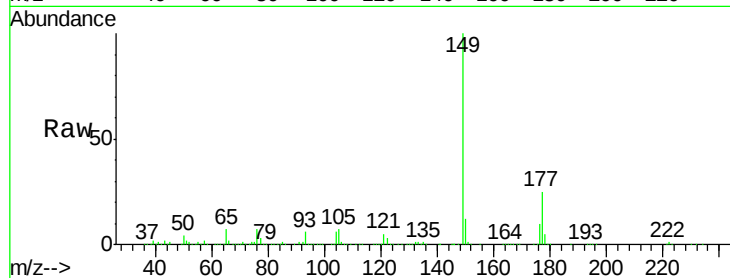
Tgt Ion:149 Resp: 1027916

Ion Ratio Lower Upper

149 100

177 24.5 16.6 25.0

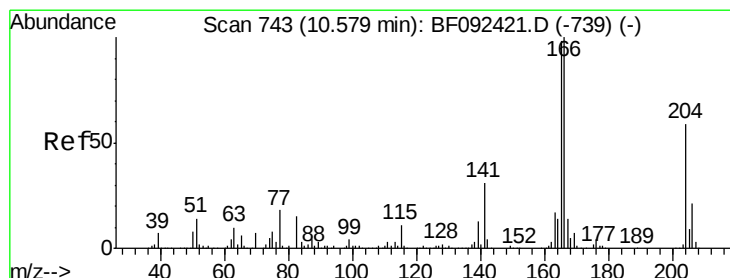
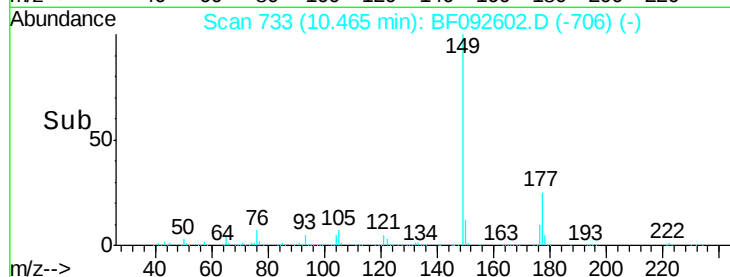
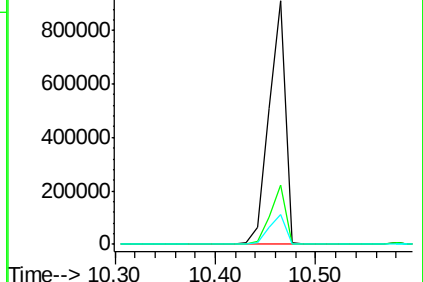
150 12.1 10.4 15.6



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: 52.84 ng

RT: 10.58 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF092602.D

Acq: 28 Jan 2017 3:22

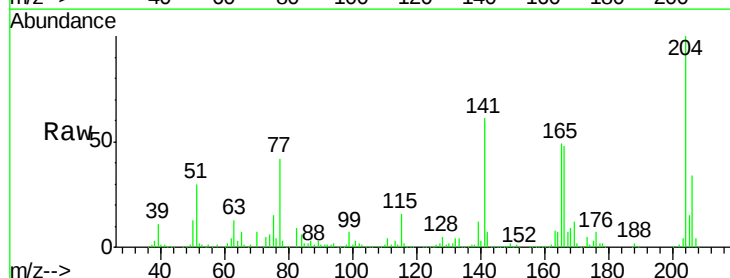
Tgt Ion:204 Resp: 400707

Ion Ratio Lower Upper

204 100

206 34.2 25.8 38.6

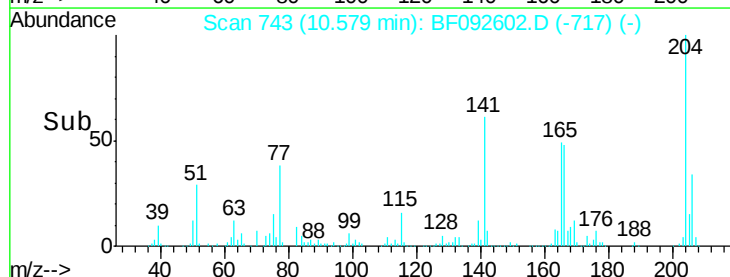
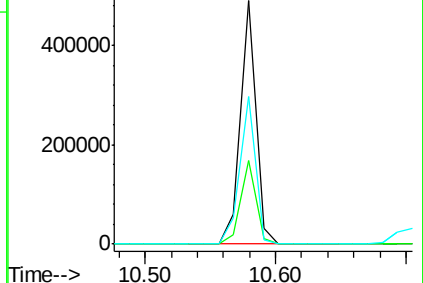
141 60.6 59.4 89.0

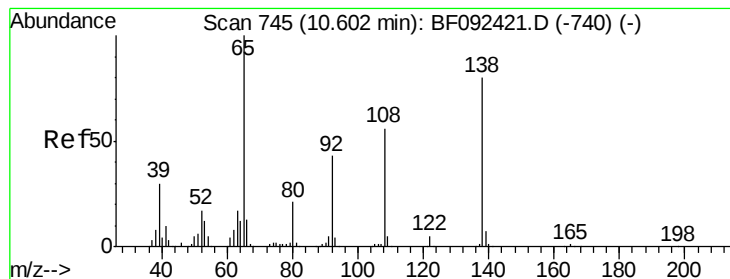


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 51.38 ng

RT: 10.61 min Scan# 746

Delta R.T. 0.01 min

Lab File: BF092602.D

Acq: 28 Jan 2017 3:22

Instrument :

BNA_F

ClientSampleId :

SB-02-COMPMSD

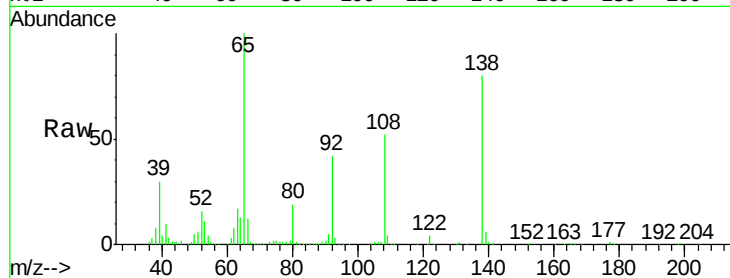
Tgt Ion:138 Resp: 241438

Ion Ratio Lower Upper

138 100

92 52.5 31.7 71.7

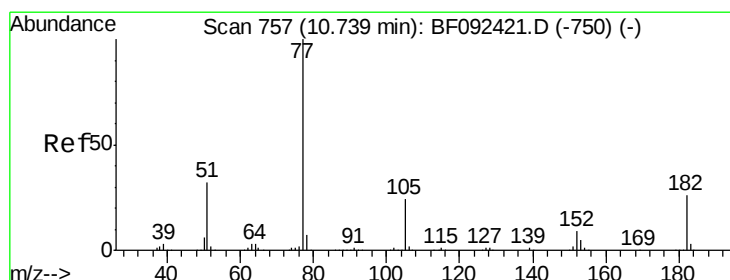
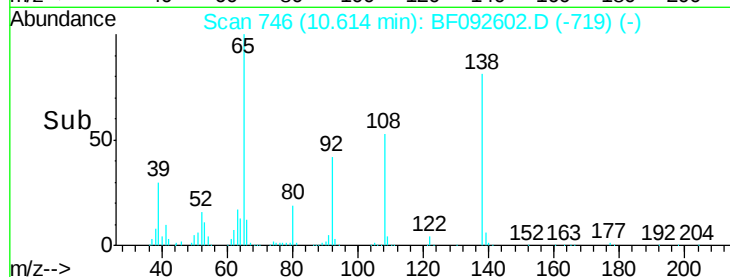
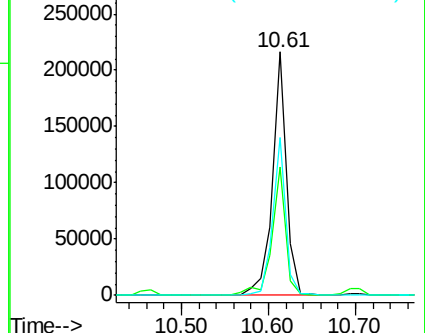
108 65.1 52.6 92.6



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: 50.22 ng

RT: 10.74 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF092602.D

Acq: 28 Jan 2017 3:22

Tgt Ion: 77 Resp: 1005634

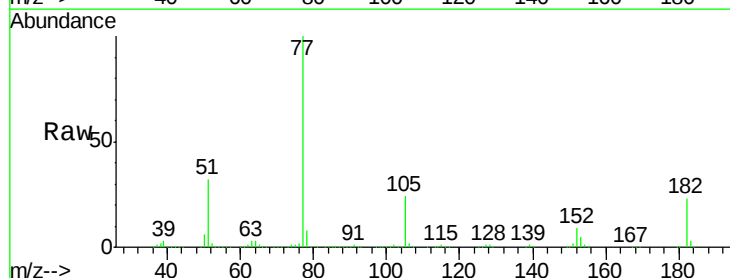
Ion Ratio Lower Upper

77 100

182 23.1 0.0 39.3

105 23.9 2.3 42.3

51 31.8 8.9 48.9

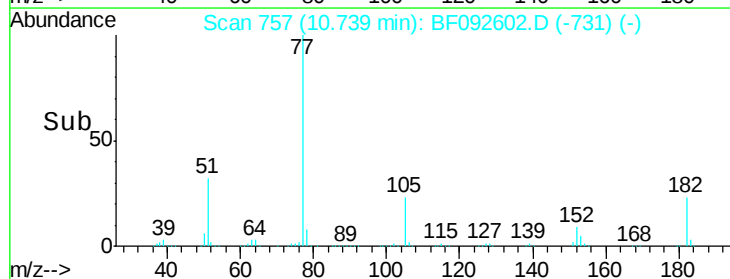
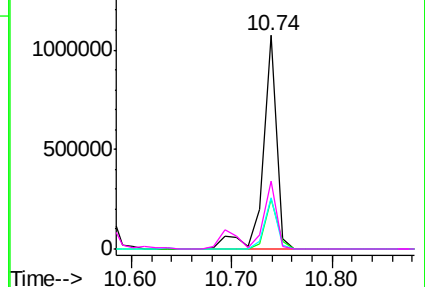


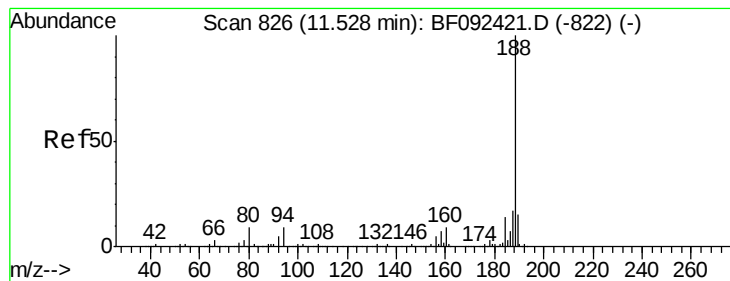
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.53 min Scan# 826

Delta R.T. 0.00 min

Lab File: BF092602.D

Acq: 28 Jan 2017 3:22

Instrument :

BNA_F

ClientSampleId :

SB-02-COMPMSD

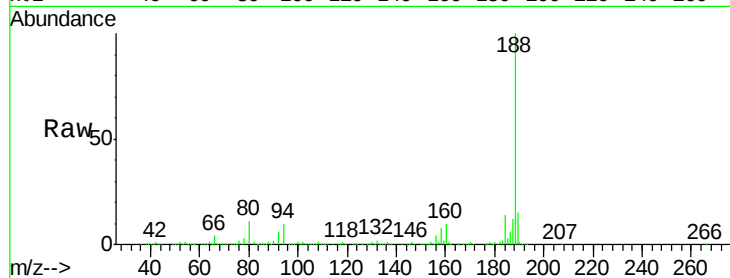
Tgt Ion:188 Resp: 422711

Ion Ratio Lower Upper

188 100

94 10.3 10.0 15.0

80 10.9 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

600000

500000

400000

300000

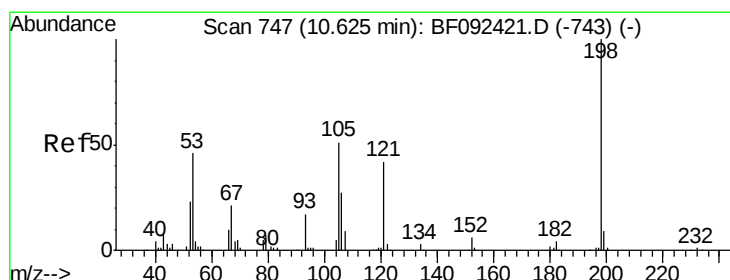
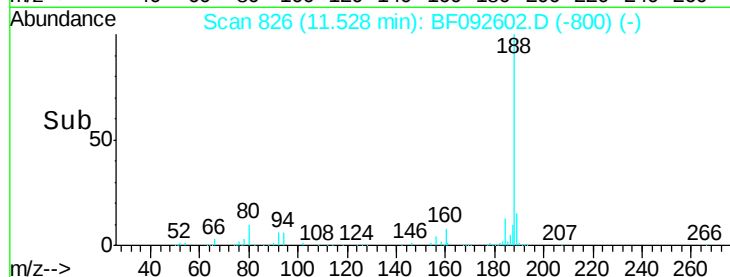
200000

100000

0

11.45 11.50 11.55

Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 9.46 ng

RT: 10.64 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF092602.D

Acq: 28 Jan 2017 3:22

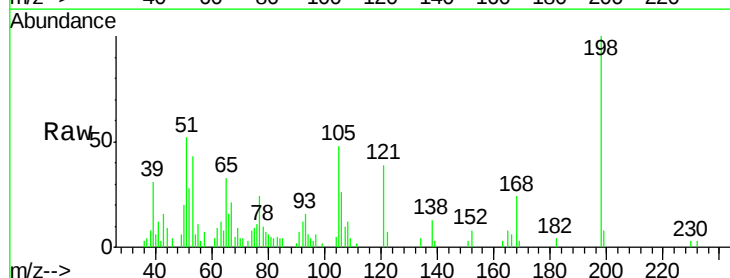
Tgt Ion:198 Resp: 11459

Ion Ratio Lower Upper

198 100

51 51.8 6.7 46.7#

105 48.0 16.6 56.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

200000

150000

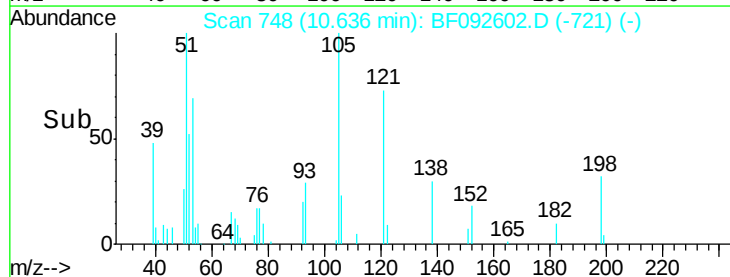
100000

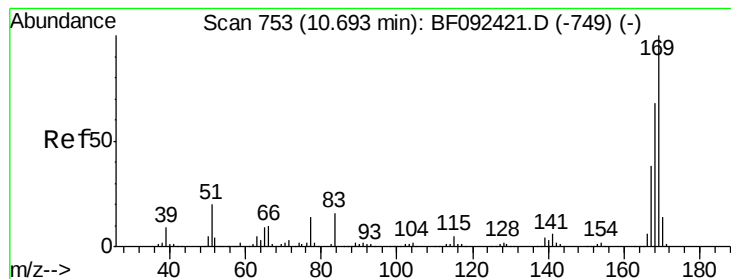
50000

0

10.60 10.65

Time-->





#65

n-Nitrosodiphenylamine

Concen: 60.69 ng

RT: 10.70 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF092602.D

Acq: 28 Jan 2017 3:22

Instrument :

BNA_F

ClientSampleId :

SB-02-COMPMSD

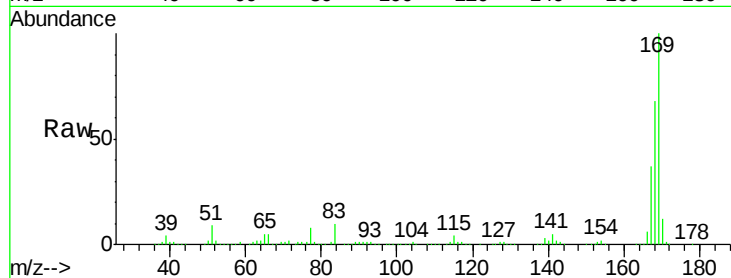
Tgt Ion:169 Resp: 801160

Ion Ratio Lower Upper

169 100

168 67.6 54.2 81.2

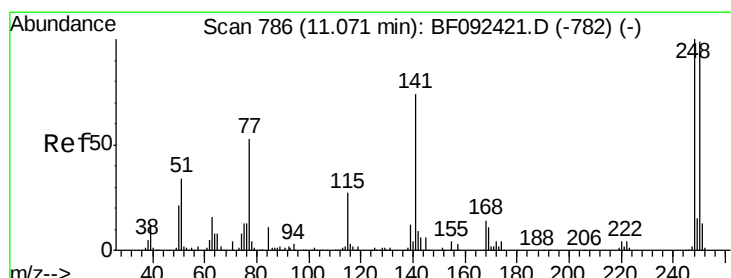
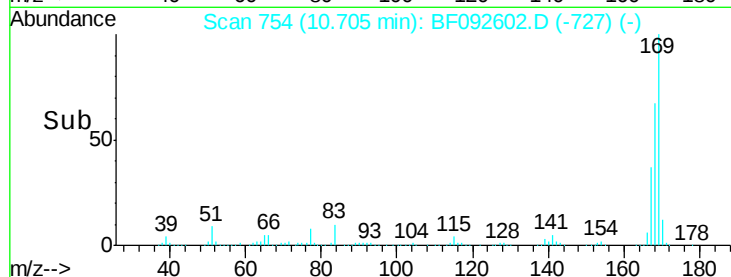
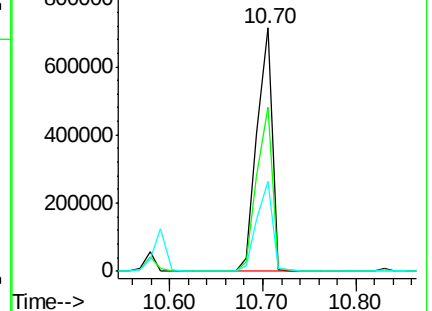
167 36.8 30.2 45.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 54.55 ng

RT: 11.07 min Scan# 786

Delta R.T. 0.00 min

Lab File: BF092602.D

Acq: 28 Jan 2017 3:22

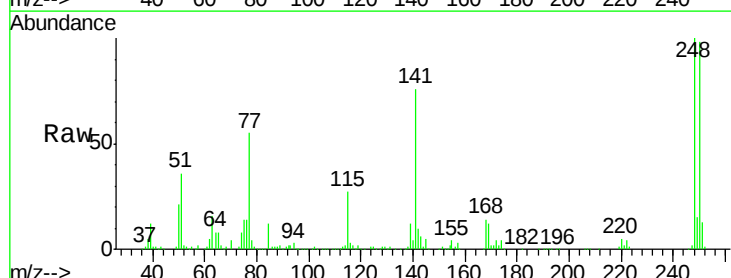
Tgt Ion:248 Resp: 232834

Ion Ratio Lower Upper

248 100

250 97.6 76.9 115.3

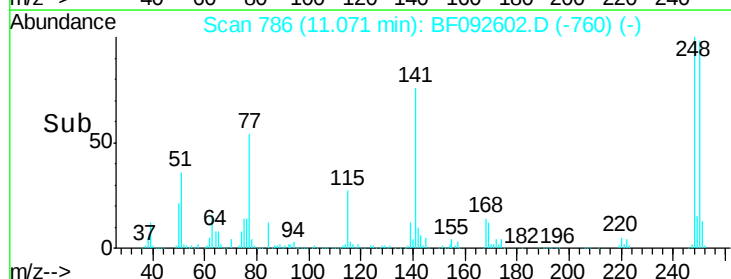
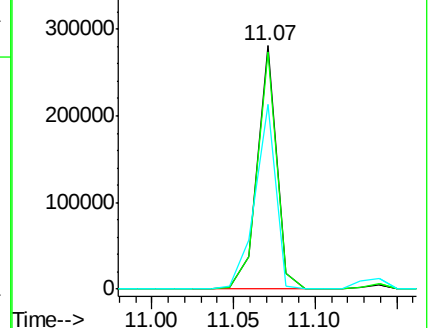
141 75.7 68.2 102.4

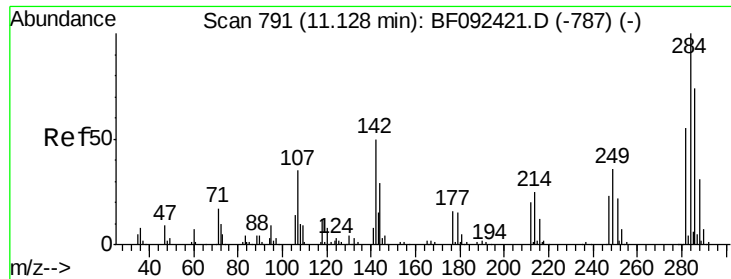


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 52.42 ng

RT: 11.14 min Scan# 792

Delta R.T. 0.01 min

Lab File: BF092602.D

Acq: 28 Jan 2017 3:22

Instrument :

BNA_F

ClientSampleId :

SB-02-COMPMSD

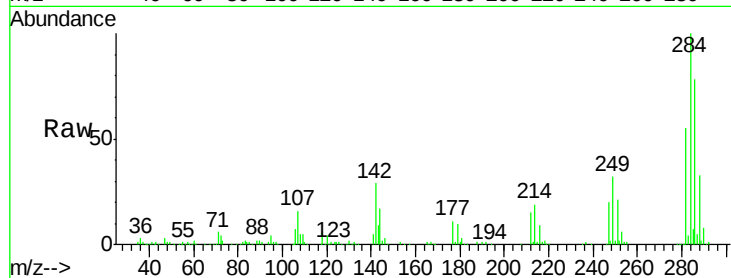
Tgt Ion:284 Resp: 226157

Ion Ratio Lower Upper

284 100

142 28.9 22.6 33.8

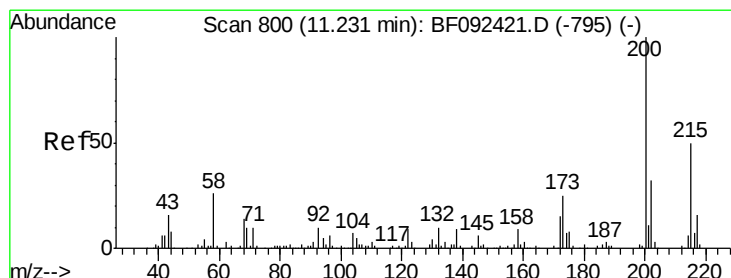
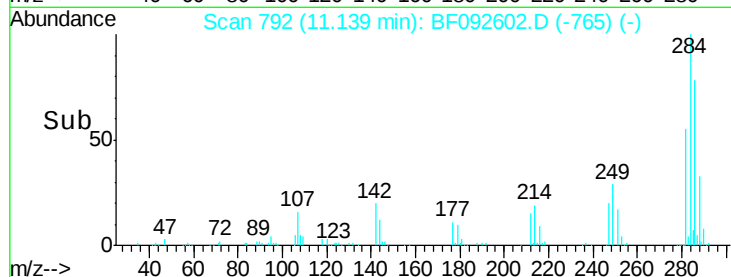
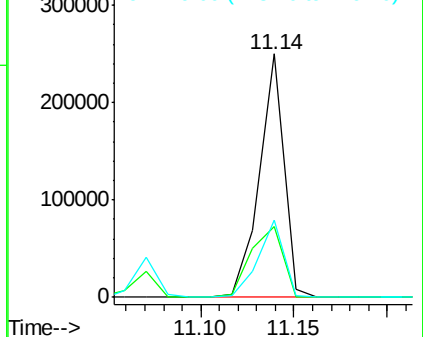
249 31.6 25.4 38.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 50.19 ng

RT: 11.23 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF092602.D

Acq: 28 Jan 2017 3:22

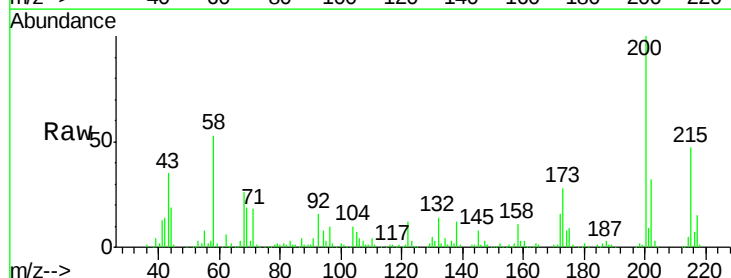
Tgt Ion:200 Resp: 226765

Ion Ratio Lower Upper

200 100

173 27.8 9.6 49.6

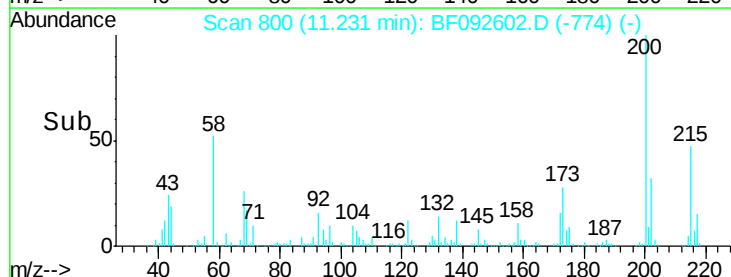
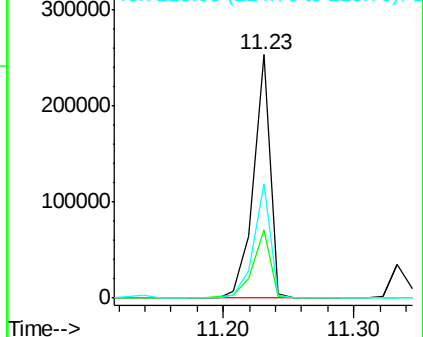
215 47.0 25.7 65.7

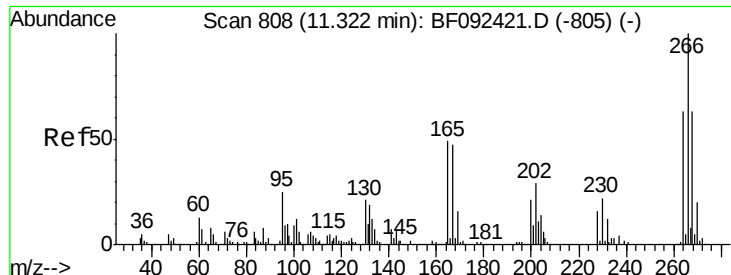


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

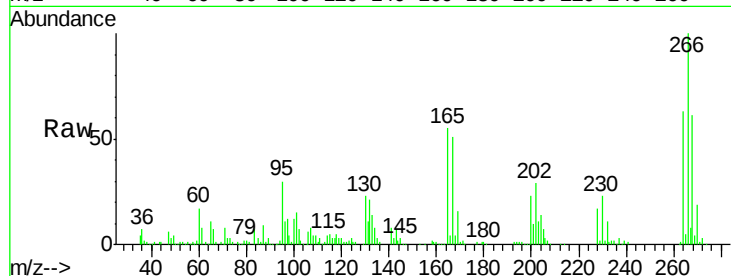




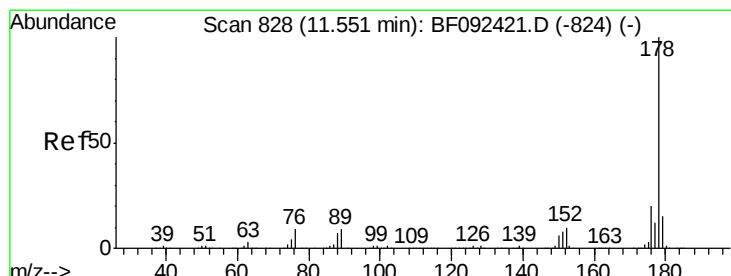
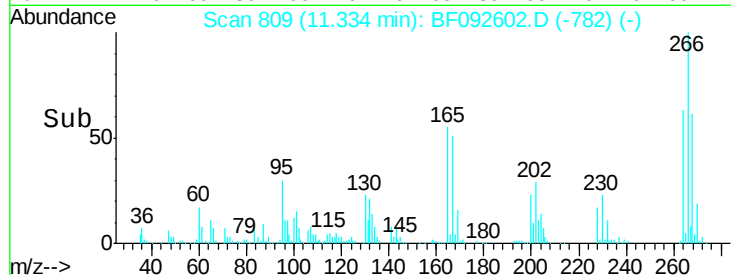
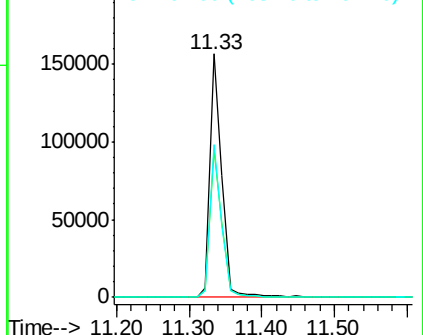
#69
 Pentachlorophenol
 Concen: 64.40 ng
 RT: 11.33 min Scan# 809
 Delta R.T. 0.01 min
 Lab File: BF092602.D
 Acq: 28 Jan 2017 3:22

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMPMSD

Tgt Ion: 266 Resp: 177640
 Ion Ratio Lower Upper
 266 100
 268 60.6 53.3 79.9
 264 63.0 50.3 75.5

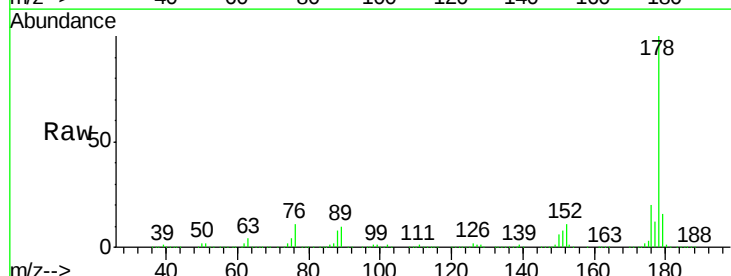


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

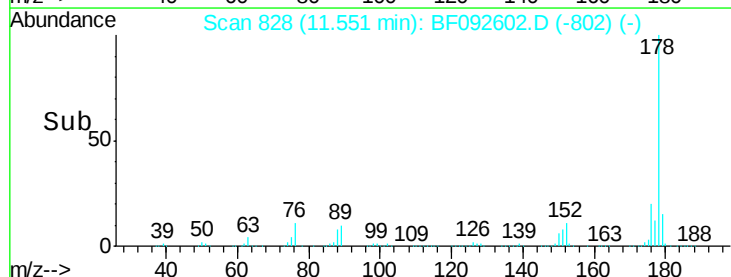
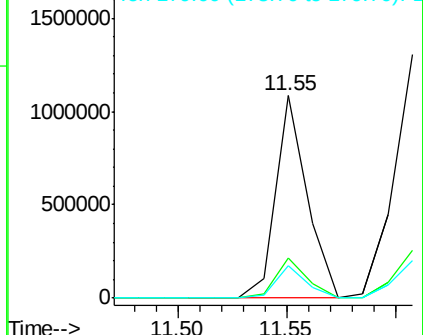


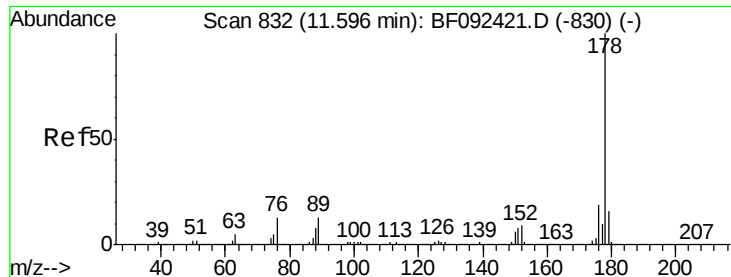
#70
 Phenanthrene
 Concen: 47.15 ng
 RT: 11.55 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF092602.D
 Acq: 28 Jan 2017 3:22

Tgt Ion: 178 Resp: 1097525
 Ion Ratio Lower Upper
 178 100
 176 19.7 16.6 25.0
 179 16.0 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

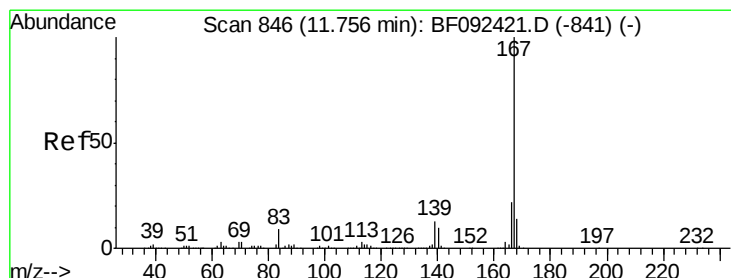
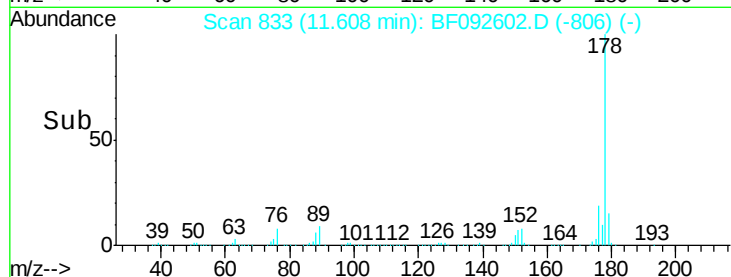
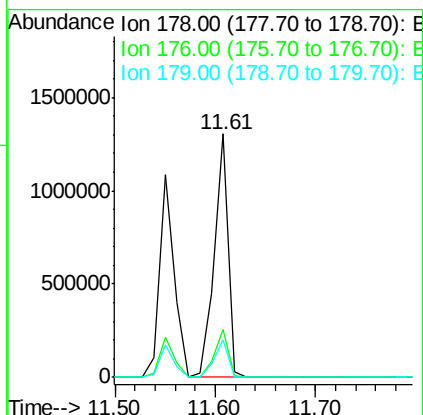
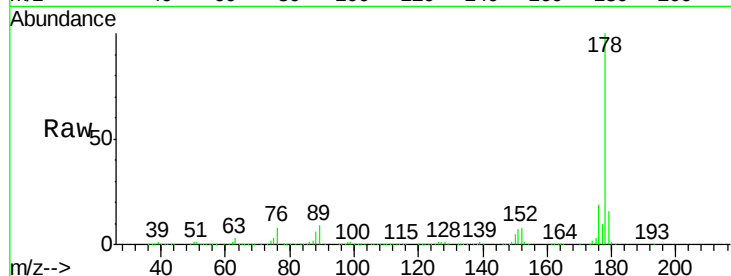




#71
 Anthracene
 Concen: 54.63 ng
 RT: 11.61 min Scan# 833
 Delta R.T. 0.01 min
 Lab File: BF092602.D
 Acq: 28 Jan 2017 3:22

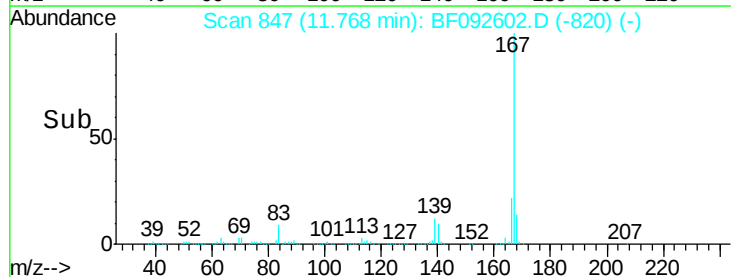
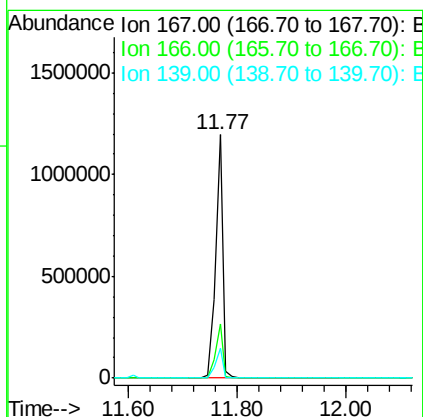
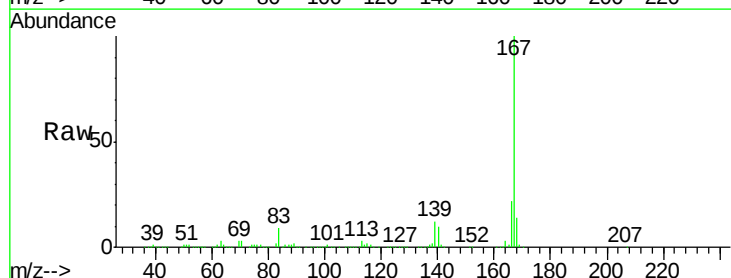
Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMPMSD

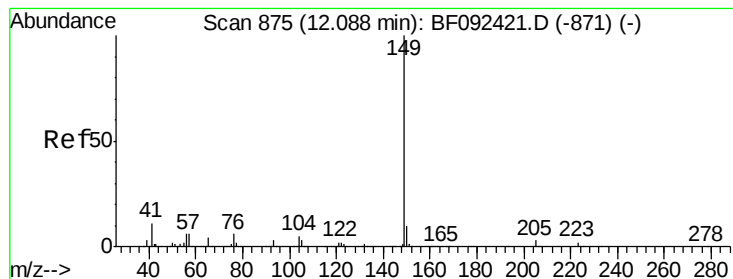
Tgt Ion:178 Resp: 1242770
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.9 23.9
 179 15.5 13.2 19.8



#72
 Carbazole
 Concen: 52.15 ng
 RT: 11.77 min Scan# 847
 Delta R.T. 0.01 min
 Lab File: BF092602.D
 Acq: 28 Jan 2017 3:22

Tgt Ion:167 Resp: 1132858
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.2 27.2
 139 12.4 11.4 17.2





#73

Di-n-butylphthalate

Concen: 54.15 ng

RT: 12.09 min Scan# 875

Delta R.T. 0.00 min

Lab File: BF092602.D

Acq: 28 Jan 2017 3:22

Instrument :

BNA_F

ClientSampleId :

SB-02-COMPMSD

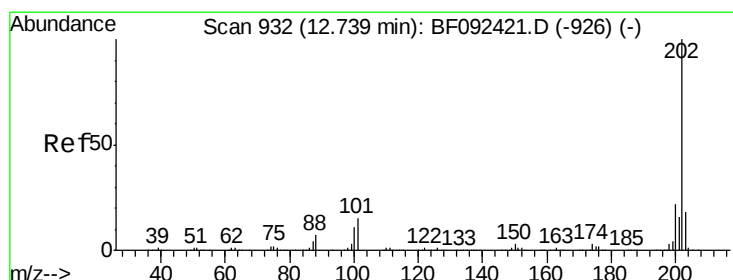
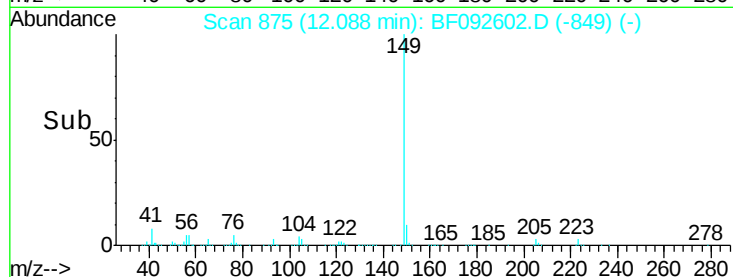
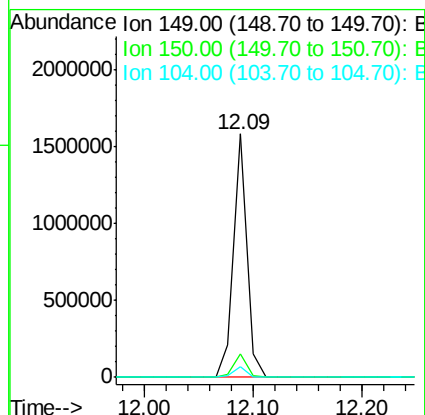
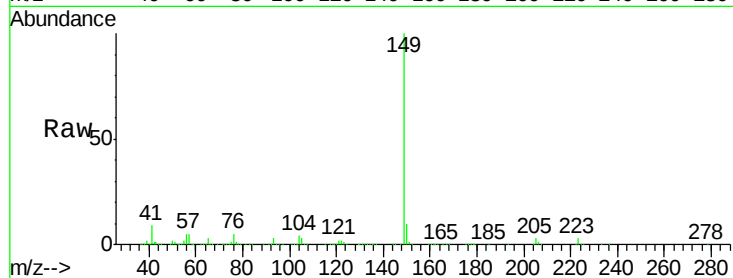
Tgt Ion:149 Resp: 1344859

Ion Ratio Lower Upper

149 100

150 9.5 8.1 12.1

104 4.4 4.6 7.0#



#74

Fluoranthene

Concen: 50.43 ng

RT: 12.75 min Scan# 933

Delta R.T. 0.01 min

Lab File: BF092602.D

Acq: 28 Jan 2017 3:22

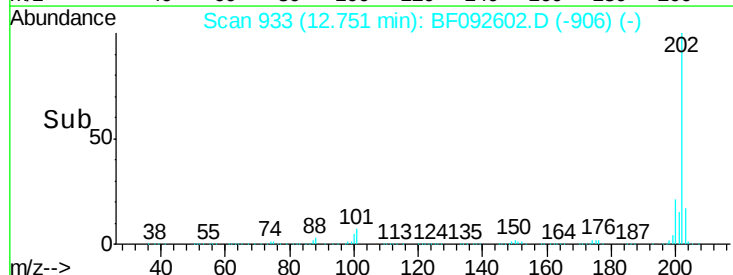
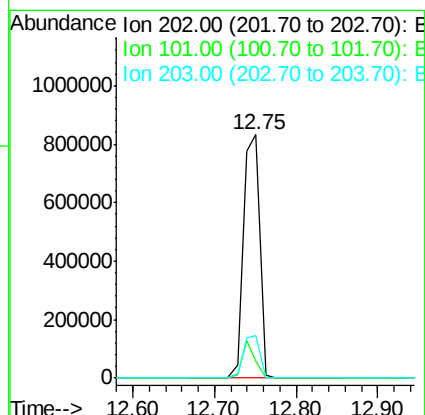
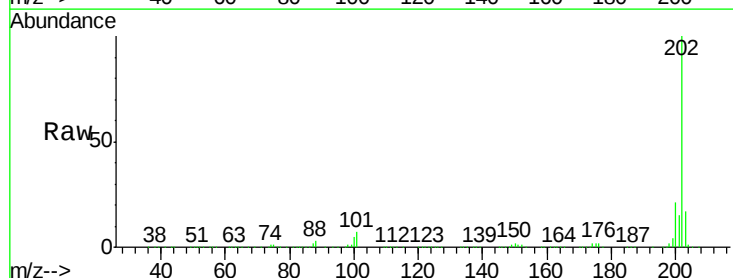
Tgt Ion:202 Resp: 1148341

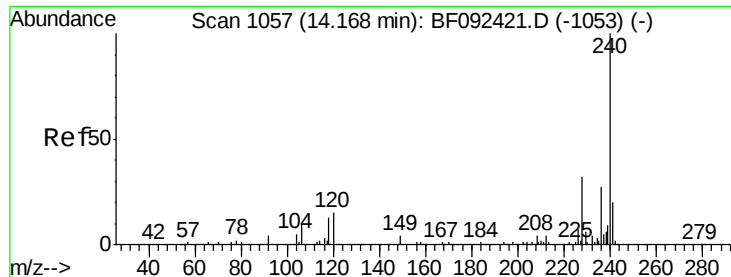
Ion Ratio Lower Upper

202 100

101 7.2 0.0 34.6

203 17.4 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.17 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BF092602.D

Acq: 28 Jan 2017 3:22

Instrument :

BNA_F

ClientSampleId :

SB-02-COMPMSD

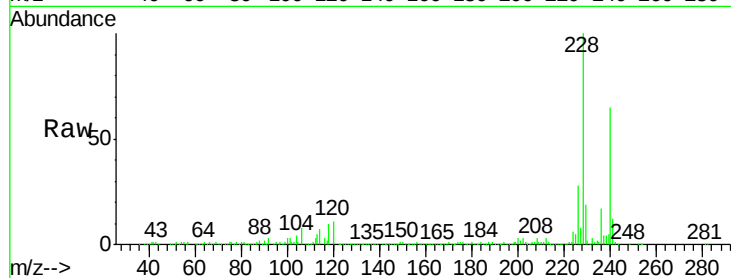
Tgt Ion:240 Resp: 304614

Ion Ratio Lower Upper

240 100

120 17.3 12.9 19.3

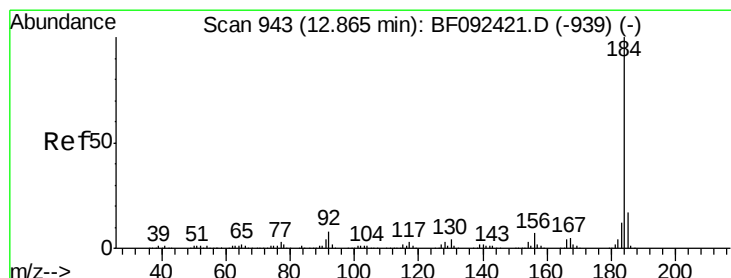
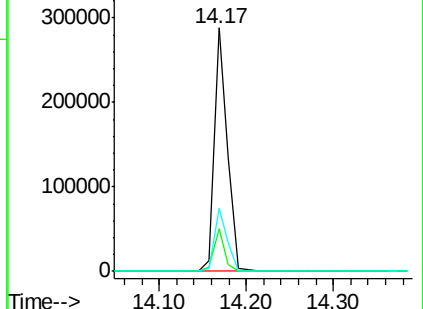
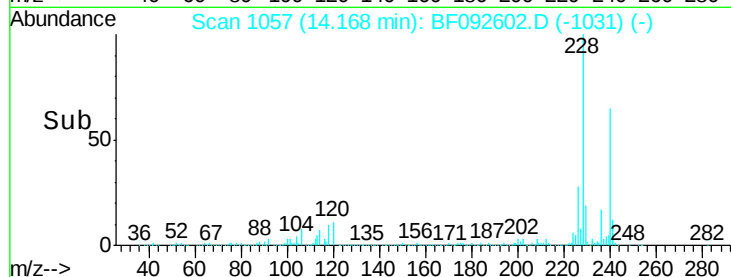
236 25.8 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 41.56 ng

RT: 12.87 min Scan# 943

Delta R.T. 0.00 min

Lab File: BF092602.D

Acq: 28 Jan 2017 3:22

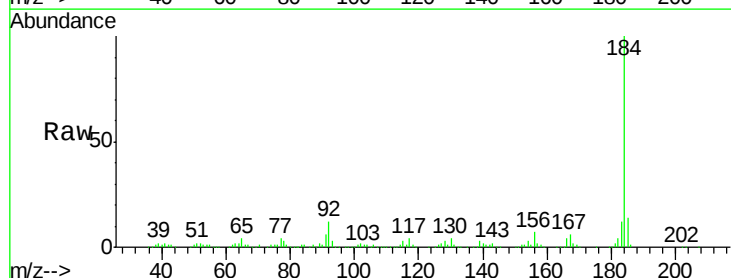
Tgt Ion:184 Resp: 470014

Ion Ratio Lower Upper

184 100

185 14.3 13.4 20.0

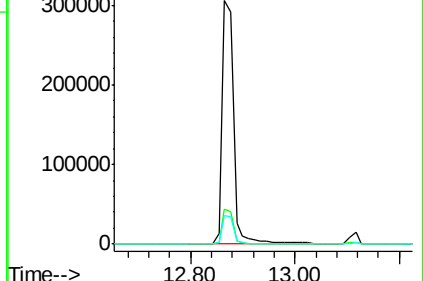
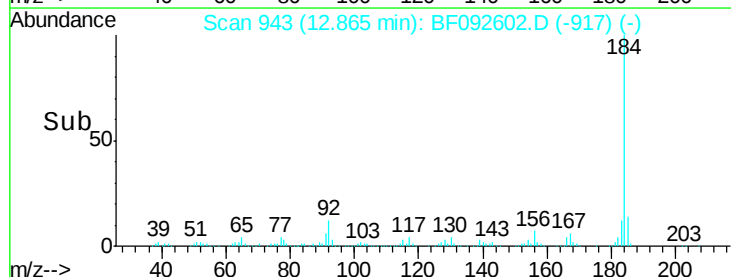
183 11.7 9.2 13.8

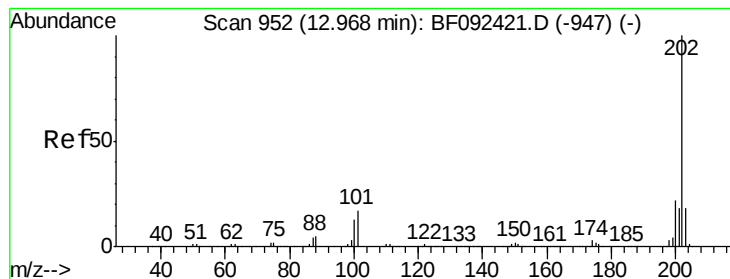


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 52.86 ng

RT: 12.98 min Scan# 953

Delta R.T. 0.01 min

Lab File: BF092602.D

Acq: 28 Jan 2017 3:22

Instrument :

BNA_F

ClientSampleId :

SB-02-COMPMSD

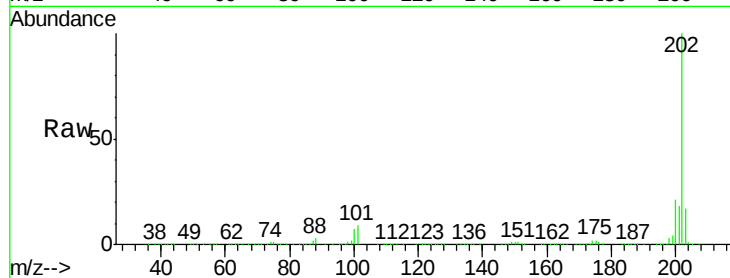
Tgt Ion:202 Resp: 1166594

Ion Ratio Lower Upper

202 100

200 21.3 17.7 26.5

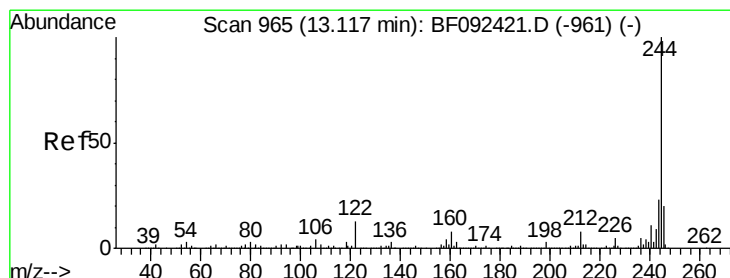
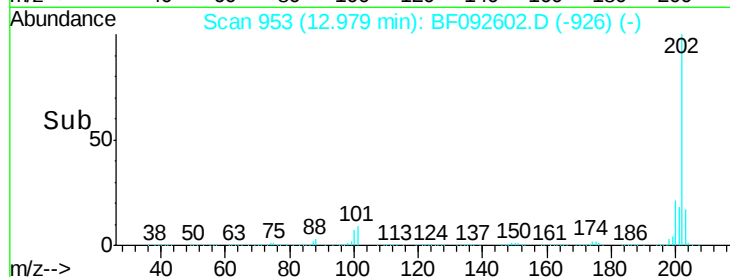
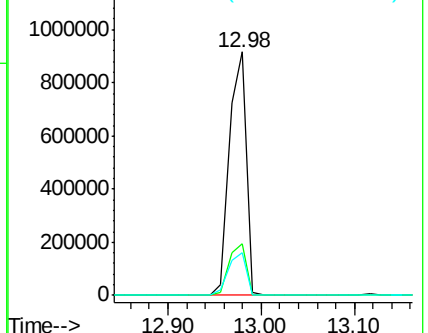
203 17.4 14.7 22.1



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: 103.06 ng

RT: 13.12 min Scan# 965

Delta R.T. 0.00 min

Lab File: BF092602.D

Acq: 28 Jan 2017 3:22

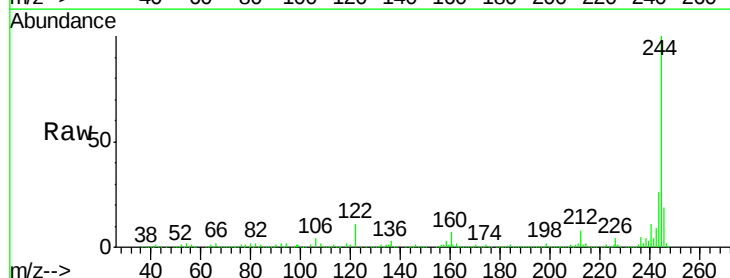
Tgt Ion:244 Resp: 1178898

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

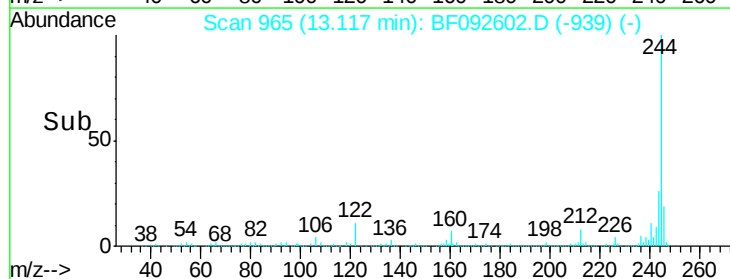
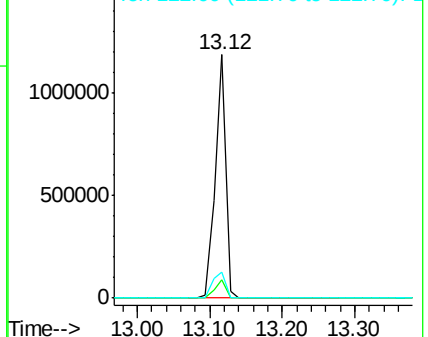
122 10.8 11.4 17.2#

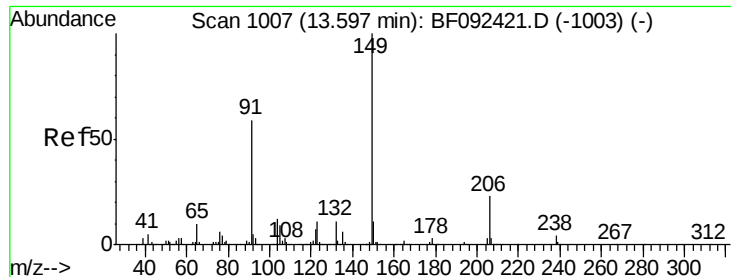


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

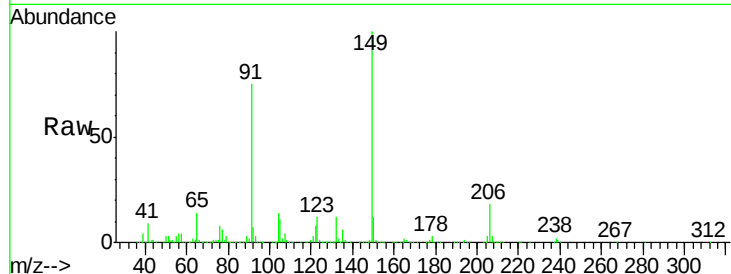




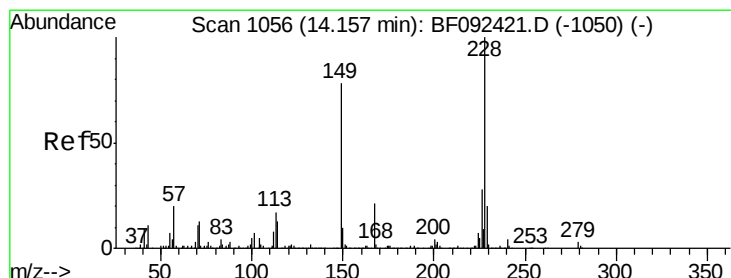
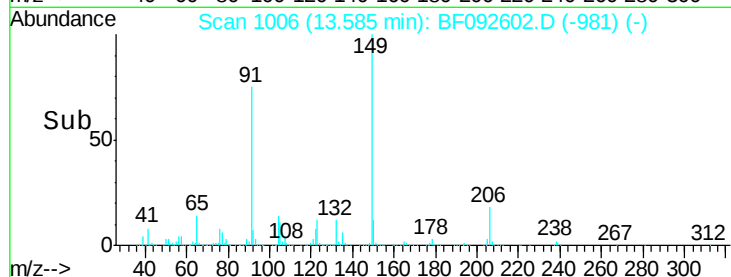
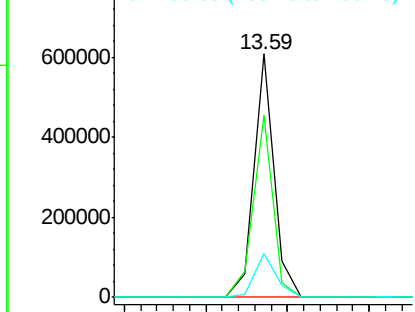
#79
Butylbenzylphthalate
Concen: 58.43 ng
RT: 13.59 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF092602.D
Acq: 28 Jan 2017 3:22

Instrument :
BNA_F
ClientSampleId :
SB-02-COMPMSD

Tgt Ion:149 Resp: 522472
Ion Ratio Lower Upper
149 100
91 74.6 63.9 95.9
206 18.2 14.6 21.8

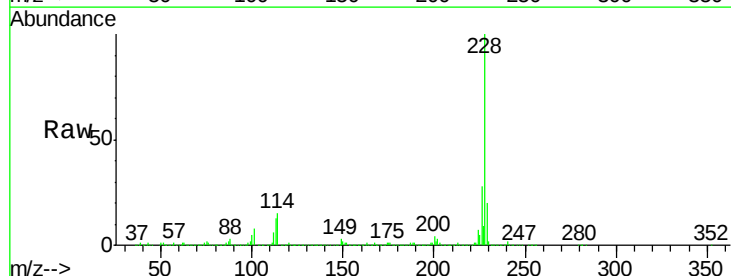


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

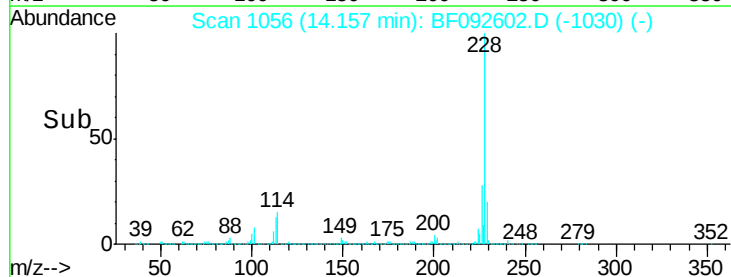
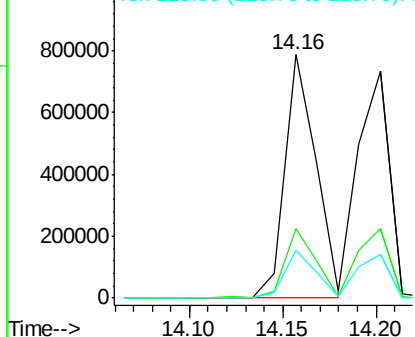


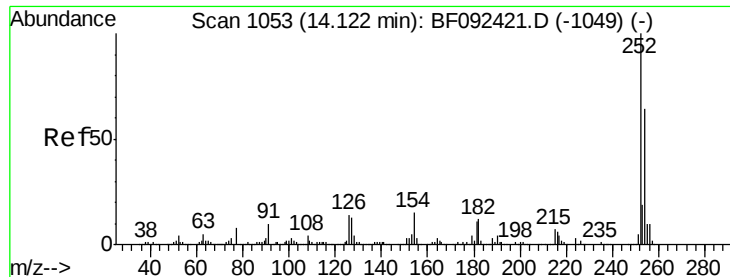
#80
Benzo(a)anthracene
Concen: 55.88 ng
RT: 14.16 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BF092602.D
Acq: 28 Jan 2017 3:22

Tgt Ion:228 Resp: 914751
Ion Ratio Lower Upper
228 100
226 28.3 22.4 33.6
229 19.8 16.2 24.4



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

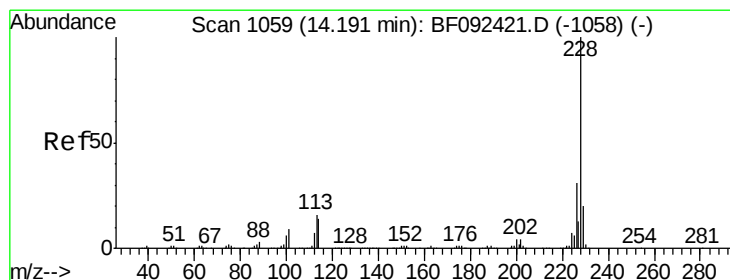
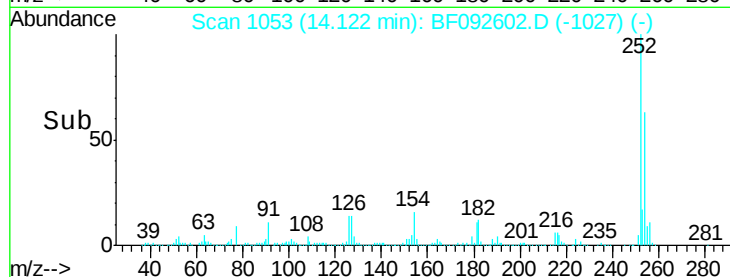
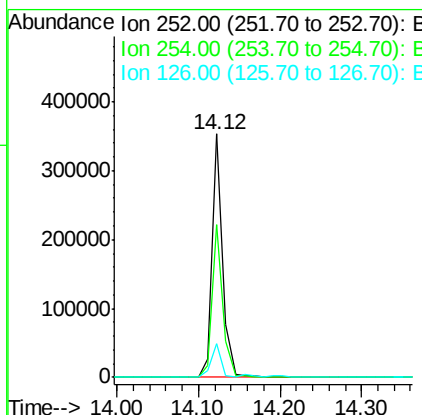
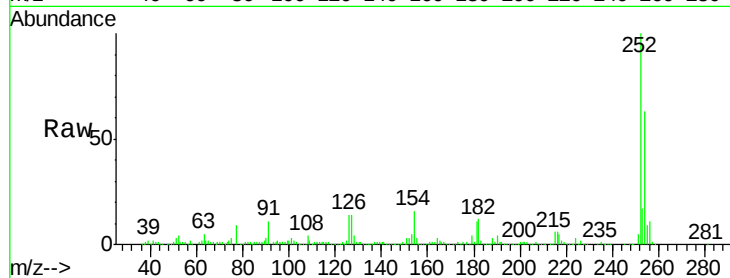




#81
 3,3'-Dichlorobenzidine
 Concen: 52.13 ng
 RT: 14.12 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: BF092602.D
 Acq: 28 Jan 2017 3:22

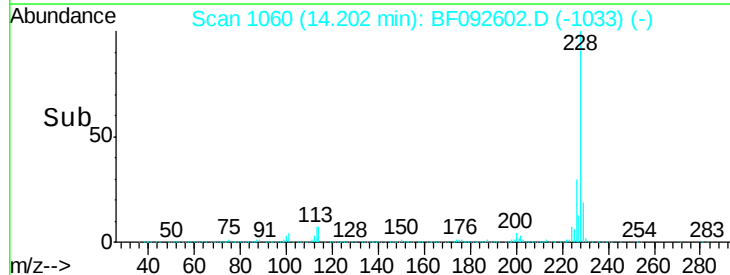
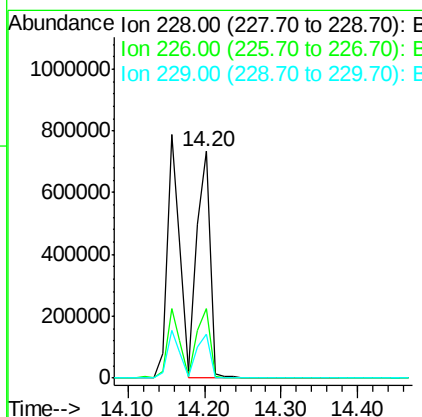
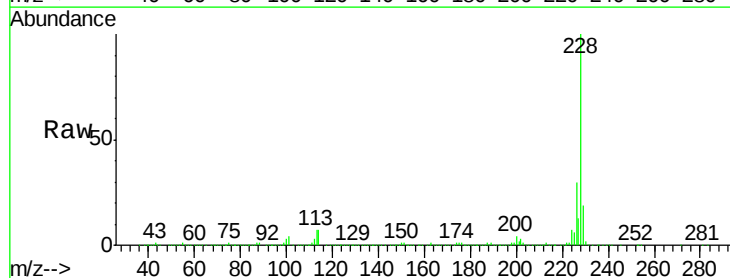
Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMPMSD

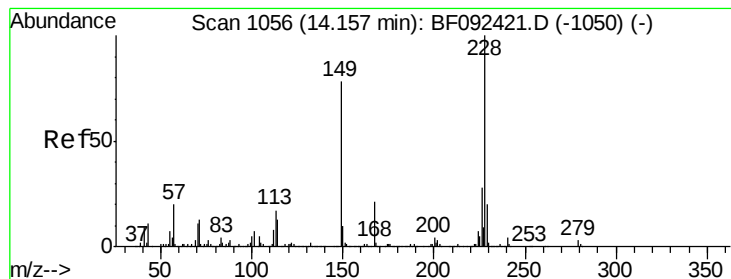
Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.7	52.3	78.5
126	13.9	13.6	20.4



#82
 Chrysene
 Concen: 49.70 ng
 RT: 14.20 min Scan# 1060
 Delta R.T. 0.01 min
 Lab File: BF092602.D
 Acq: 28 Jan 2017 3:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.4	38.0
229	19.2	16.2	24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 70.41 ng

RT: 14.15 min Scan# 1055

Delta R.T. -0.01 min

Lab File: BF092602.D

Acq: 28 Jan 2017 3:22

Instrument :

BNA_F

ClientSampleId :

SB-02-COMPMSD

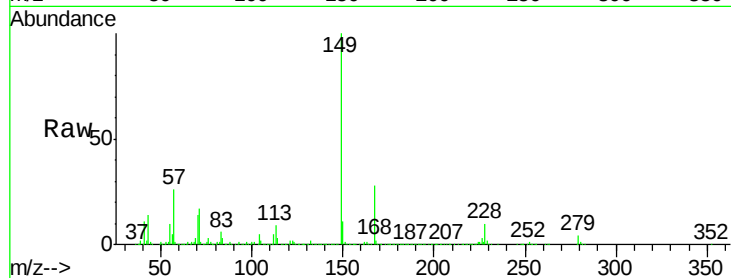
Tgt Ion:149 Resp: 792900

Ion Ratio Lower Upper

149 100

167 28.0 20.2 30.4

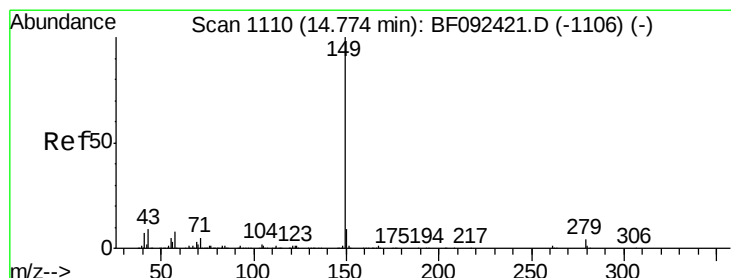
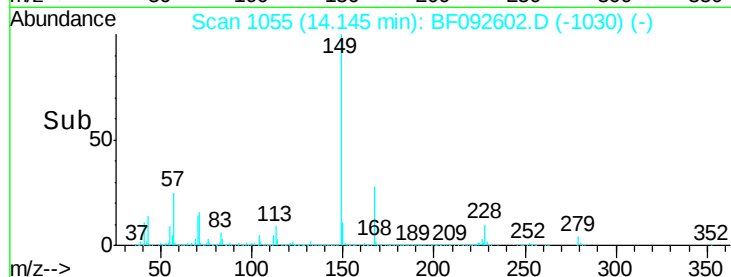
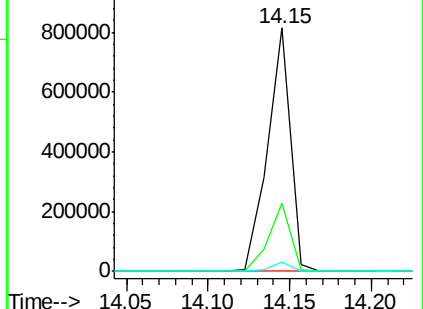
279 3.8 1.8 2.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 61.41 ng

RT: 14.76 min Scan# 1109

Delta R.T. -0.01 min

Lab File: BF092602.D

Acq: 28 Jan 2017 3:22

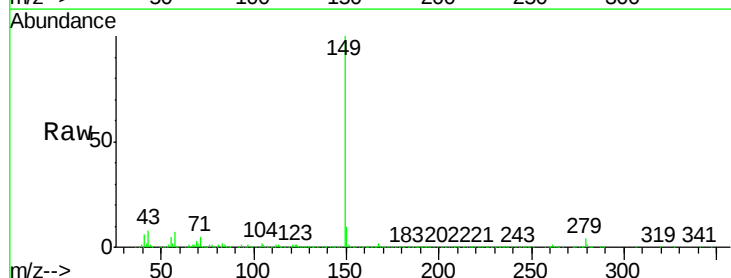
Tgt Ion:149 Resp: 1255358

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

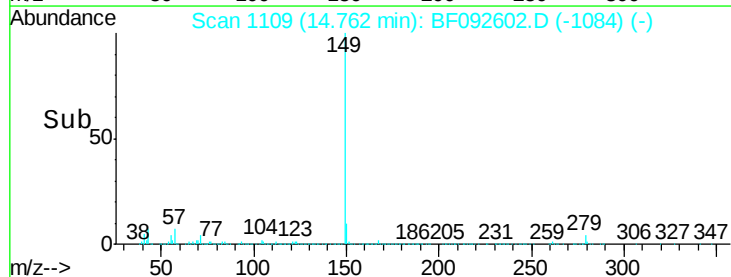
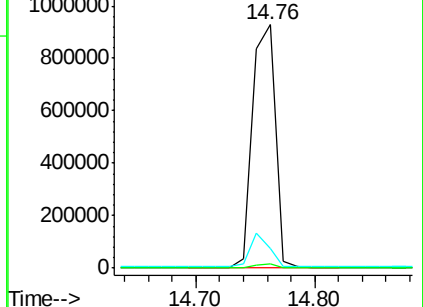
43 11.6 8.9 13.3

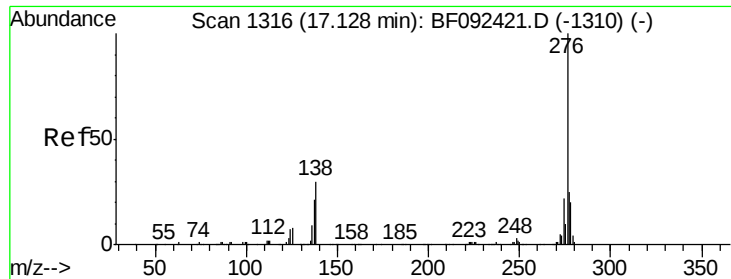


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

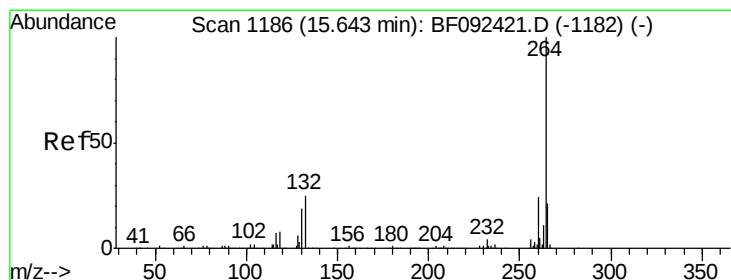
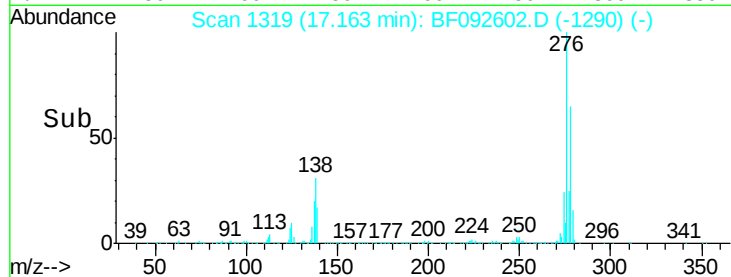
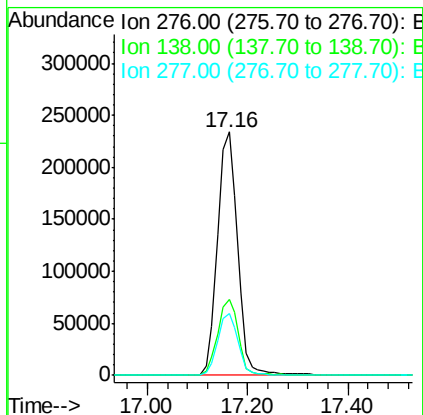
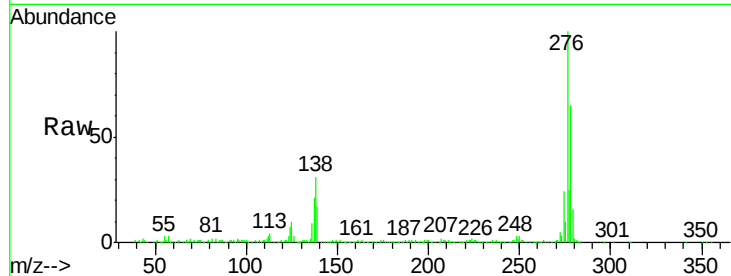




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 50.47 ng
 RT: 17.16 min Scan# 1319
 Delta R.T. 0.03 min
 Lab File: BF092602.D
 Acq: 28 Jan 2017 3:22

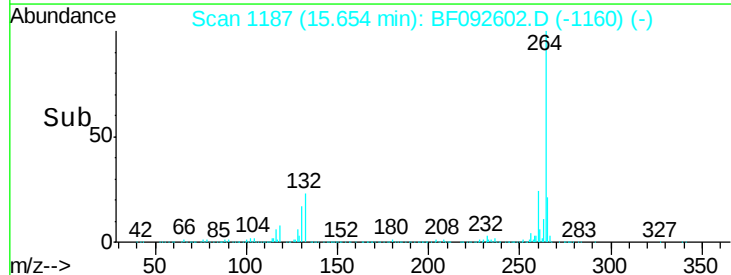
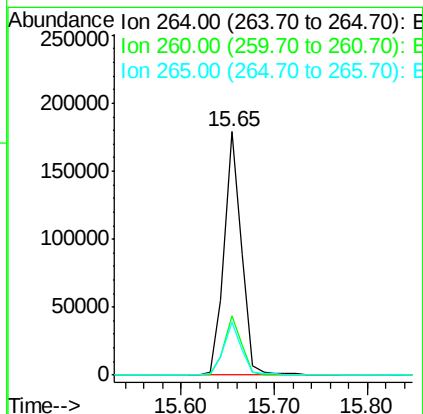
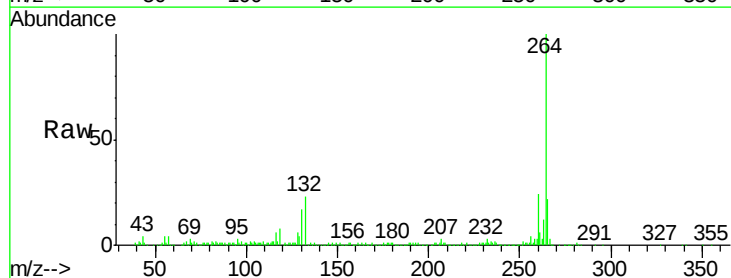
Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMPMSD

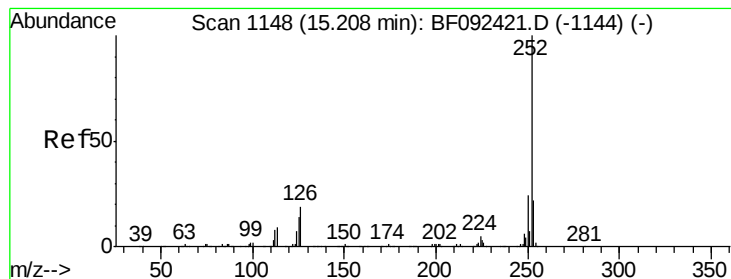
Tgt Ion: 276 Resp: 652857
 Ion Ratio Lower Upper
 276 100
 138 33.0 21.8 32.6#
 277 26.1 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.65 min Scan# 1187
 Delta R.T. 0.01 min
 Lab File: BF092602.D
 Acq: 28 Jan 2017 3:22

Tgt Ion: 264 Resp: 232854
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.2 28.8
 265 21.7 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 47.62 ng

RT: 15.22 min Scan# 1149

Delta R.T. 0.01 min

Lab File: BF092602.D

Acq: 28 Jan 2017 3:22

Instrument :

BNA_F

ClientSampleId :

SB-02-COMPMSD

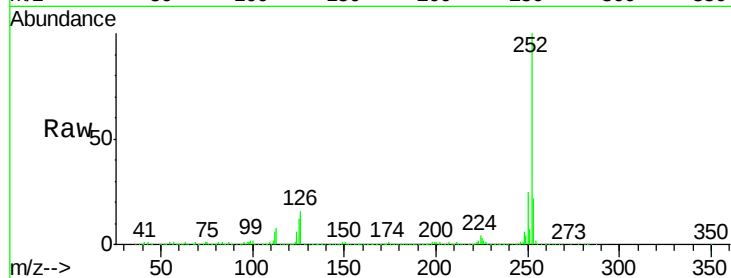
Tgt Ion:252 Resp: 711867

Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.4

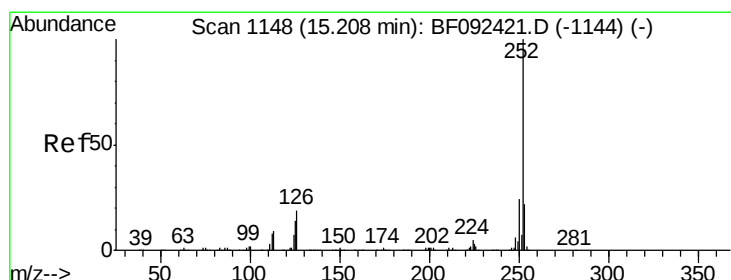
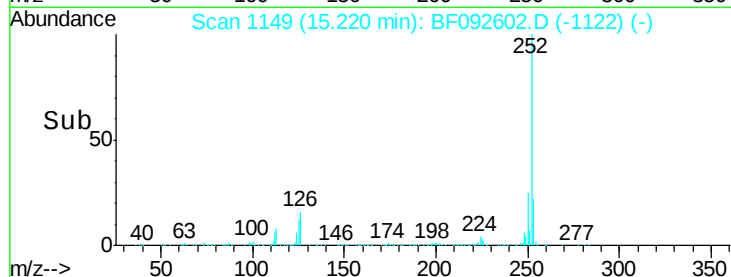
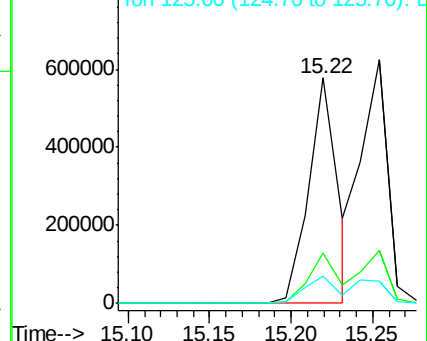
125 12.1 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 57.96 ng m

RT: 15.25 min Scan# 1152

Delta R.T. 0.01 min

Lab File: BF092602.D

Acq: 28 Jan 2017 3:22

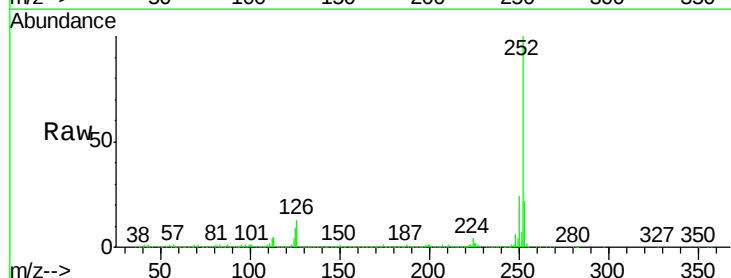
Tgt Ion:252 Resp: 720518

Ion Ratio Lower Upper

252 100

253 22.0 18.5 27.7

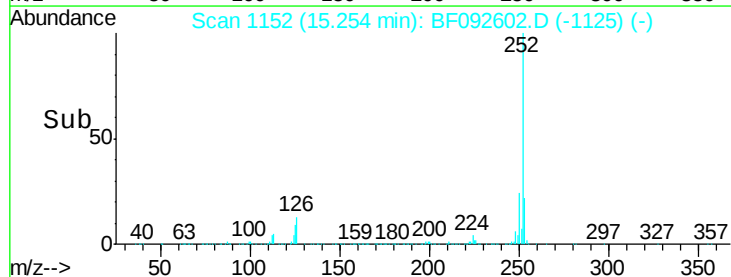
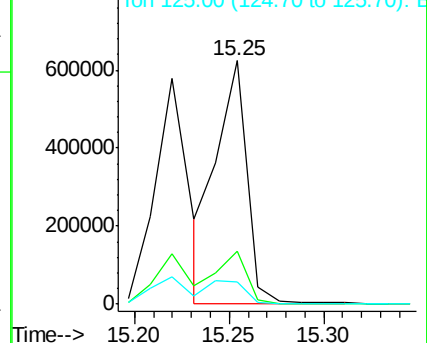
125 9.1 8.9 13.3

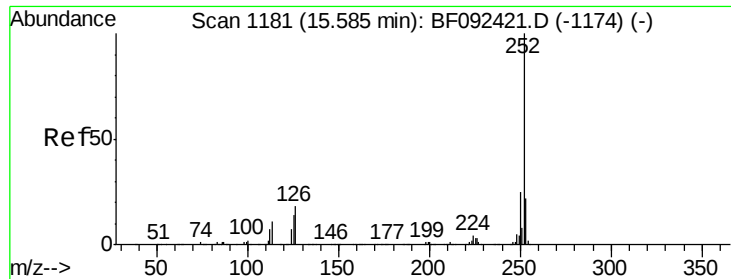


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 52.39 ng

RT: 15.60 min Scan# 1182

Delta R.T. 0.01 min

Lab File: BF092602.D

Acq: 28 Jan 2017 3:22

Instrument :

BNA_F

ClientSampleId :

SB-02-COMPMSD

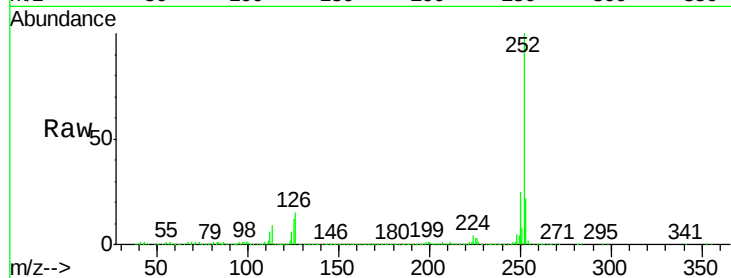
Tgt Ion:252 Resp: 662531

Ion Ratio Lower Upper

252 100

253 21.7 18.2 27.2

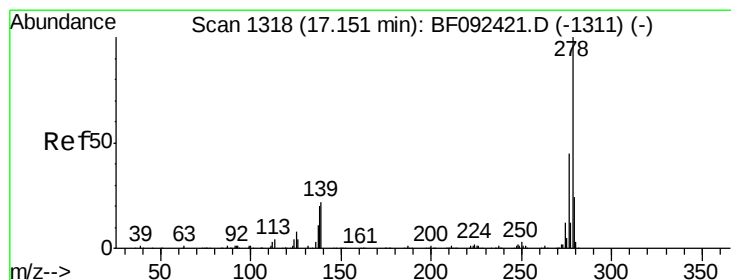
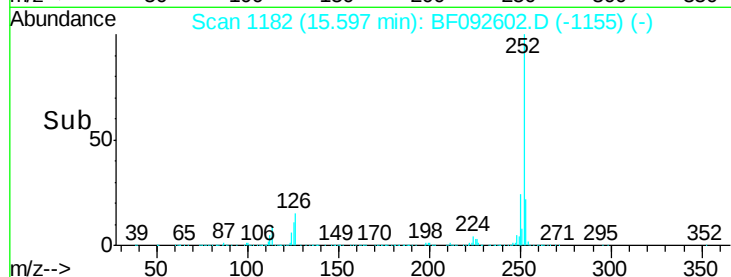
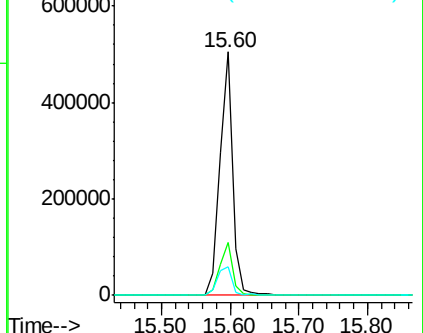
125 11.7 10.0 15.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 54.63 ng

RT: 17.17 min Scan# 1320

Delta R.T. 0.02 min

Lab File: BF092602.D

Acq: 28 Jan 2017 3:22

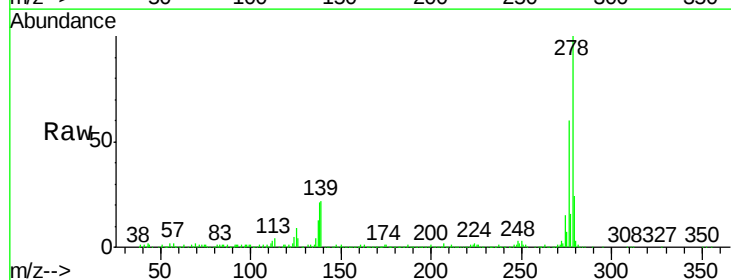
Tgt Ion:278 Resp: 558613

Ion Ratio Lower Upper

278 100

139 21.7 14.8 22.2

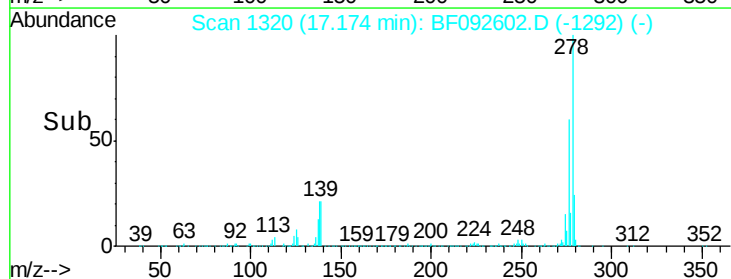
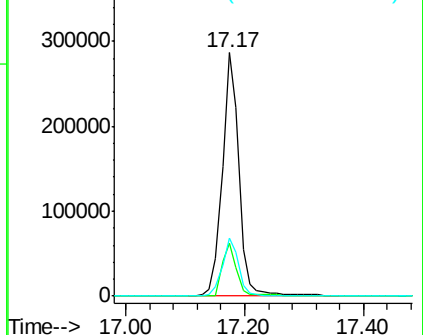
279 23.9 19.8 29.6

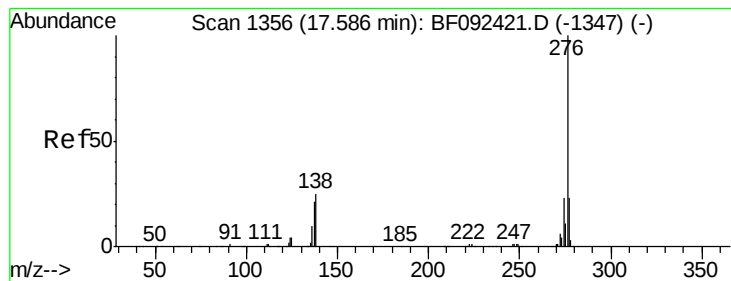


Abundance Ion 278.00 (277.70 to 278.70): E

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: 51.65 ng

RT: 17.62 min Scan# 1359

Delta R.T. 0.03 min

Lab File: BF092602.D

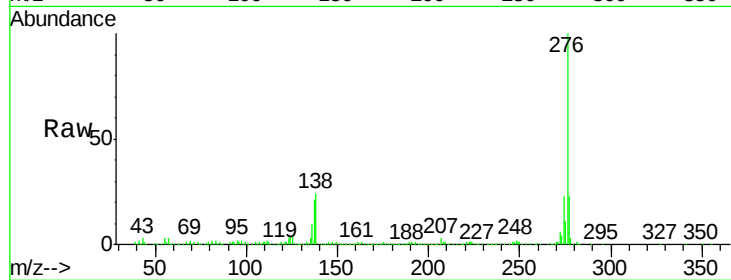
Acq: 28 Jan 2017 3:22

Instrument :

BNA_F

ClientSampleId :

SB-02-COMPMSD



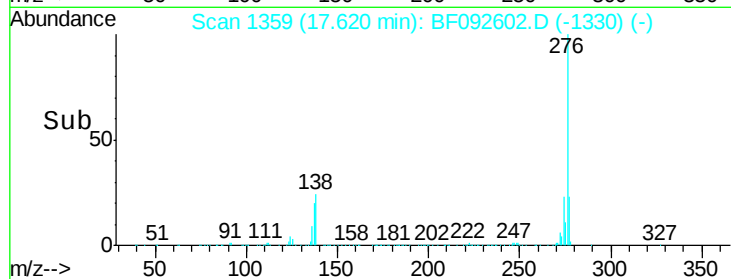
Tgt Ion: 276 Resp: 534184

Ion Ratio Lower Upper

276 100

277 23.3 19.2 28.8

138 24.0 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

