

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012617\
 Data File : BF092522.D
 Acq On : 26 Jan 2017 13:37
 Operator : SJ/MA
 Sample : I1386-03MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHA-SB-01-0-2MSD

Quant Time: Jan 27 00:00:33 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	6.97	152	145846	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	548256	20.00	ng	0.00
38) Acenaphthene-d10	10.03	164	263117	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	375947	20.00	ng	-0.01
75) Chrysene-d12	14.17	240	279341	20.00	ng	0.00
86) Perylene-d12	15.65	264	208459	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	1200228	128.04	ng	0.02
7) Phenol-d6	6.60	99	1599092	133.92	ng	0.01
23) Nitrobenzene-d5	7.54	82	1013967	101.03	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	187432	104.53	ng	0.00
44) 2-Fluorobiphenyl	9.36	172	1565911	110.05	ng	0.00
78) Terphenyl-d14	13.11	244	1038388	98.99	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.66	88	203702	40.86	ng	# 85
3) Pyridine	3.41	79	552062	38.90	ng	# 84
4) n-Nitrosodimethylamine	3.37	42	305798	43.92	ng	# 84
6) Aniline	6.62	93	361182	20.28	ng	# 53
8) 2-Chlorophenol	6.76	128	432119	43.89	ng	# 85
9) Benzaldehyde	6.51	77	276405	32.62	ng	# 88
10) Phenol	6.61	94	619460	42.98	ng	# 77
11) bis(2-Chloroethyl)ether	6.70	93	468959	43.49	ng	# 89
12) 1,3-Dichlorobenzene	7.15	146	489658	42.05	ng	# 98
13) 1,4-Dichlorobenzene	6.99	146	534698	45.62	ng	# 95
14) 1,2-Dichlorobenzene	6.99	146	534698	48.09	ng	# 97
15) Benzyl Alcohol	7.12	79	458191	50.92	ng	# 96
16) 2,2'-oxybis(1-Chloropropan	7.25	45	860154	40.32	ng	# 92
17) 2-Methylphenol	7.23	107	423464	50.33	ng	# 93
18) Hexachloroethane	7.49	117	146691	36.33	ng	# 93
19) n-Nitroso-di-n-propylamine	7.39	70	329395	40.51	ng	# 93
20) 3+4-Methylphenols	7.38	107	434739	42.59	ng	# 93
22) Acetophenone	7.39	105	682842	52.29	ng	# 93
24) Nitrobenzene	7.56	77	557288	53.00	ng	# 93
25) Isophorone	7.80	82	933886	47.22	ng	# 98
26) 2-Nitrophenol	7.88	139	184316	41.83	ng	# 79
27) 2,4-Dimethylphenol	7.92	122	437562	47.75	ng	# 96
28) bis(2-Chloroethoxy)methane	8.01	93	572174	44.07	ng	# 98
29) 2,4-Dichlorophenol	8.12	162	371364	46.74	ng	# 94
30) 1,2,4-Trichlorobenzene	8.20	180	385491	44.89	ng	# 95
31) Naphthalene	8.29	128	1259699	44.89	ng	# 99
32) Benzoic acid	7.92	122	437562	62.33	ng	# 12
33) 4-Chloroaniline	8.34	127	238608	20.10	ng	# 93
34) Hexachlorobutadiene	8.41	225	220842	47.02	ng	# 99
35) Caprolactam	8.69	113	100696	37.96	ng	# 37
36) 4-Chloro-3-methylphenol	8.82	107	366035	42.73	ng	# 98
37) 2-Methylnaphthalene	8.98	142	770650	43.38	ng	# 99
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	371719	56.01	ng	# 99
40) Hexachlorocyclopentadiene	9.14	237	47358	14.25	ng	# 97

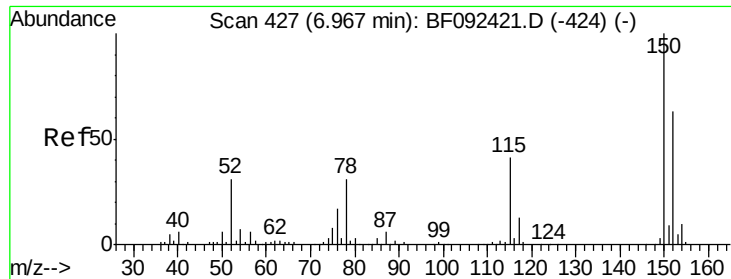
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.26	196	194030	38.16	ng	95
43) 2,4,5-Trichlorophenol	9.30	196	185652	39.90	ng	95
45) 1,1'-Biphenyl	9.45	154	905467	47.61	ng	96
46) 2-Chloronaphthalene	9.48	162	709238	45.65	ng	94
47) 2-Nitroaniline	9.57	65	258709	49.45	ng	# 74
48) Acenaphthylene	9.89	152	1107164	48.59	ng	98
49) Dimethylphthalate	9.76	163	978853	58.50	ng	99
50) 2,6-Dinitrotoluene	9.81	165	173115	50.62	ng	96
51) Acenaphthene	10.06	154	624220	44.09	ng	97
52) 3-Nitroaniline	9.98	138	212154	49.53	ng	# 78
54) Dibenzofuran	10.24	168	934971	48.63	ng	95
55) 4-Nitrophenol	10.13	139	110225	32.40	ng	# 79
56) 2,4-Dinitrotoluene	10.21	165	212935	46.91	ng	85
57) Fluorene	10.58	166	664335	46.60	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.35	232	85011	24.39	ng	# 97
59) Diethylphthalate	10.45	149	810730	50.53	ng	97
60) 4-Chlorophenyl-phenylether	10.57	204	311435	45.05	ng	96
61) 4-Nitroaniline	10.59	138	171762	40.09	ng	93
62) Azobenzene	10.73	77	811287	44.44	ng	95
64) 4,6-Dinitro-2-methylphenol	10.35	198	5175	7.24	ng	71
65) n-Nitrosodiphenylamine	10.69	169	649520	55.32	ng	99
66) 4-Bromophenyl-phenylether	11.06	248	182037	47.96	ng	92
67) Hexachlorobenzene	11.13	284	172572	44.98	ng	# 89
68) Atrazine	11.22	200	203800	50.71	ng	97
69) Pentachlorophenol	11.32	266	57320	23.37	ng	96
70) Phenanthrene	11.54	178	1254993	60.62	ng	98
71) Anthracene	11.60	178	1145087	56.60	ng	98
72) Carbazole	11.74	167	892161	46.18	ng	98
73) Di-n-butylphthalate	12.08	149	1105196	50.03	ng	98
74) Fluoranthene	12.74	202	1943221	95.96	ng	97
76) Benzidine	12.85	184	303844	29.30	ng	97
77) Pyrene	12.97	202	1762861	87.10	ng	100
79) Butylbenzylphthalate	13.59	149	487863	59.50	ng	# 83
80) Benzo(a)anthracene	14.16	228	1043855	69.53	ng	100
81) 3,3'-Dichlorobenzidine	14.12	252	198340	34.80	ng	# 94
82) Chrysene	14.19	228	819374	51.11	ng	99
83) Bis(2-ethylhexyl)phthalate	14.15	149	590133	57.15	ng	# 98
84) Di-n-octyl phthalate	14.76	149	999429	53.31	ng	97
85) Indeno(1,2,3-cd)pyrene	17.16	276	709715	59.83	ng	95
87) Benzo(b)fluoranthene	15.22	252	1688334	126.16	ng	99
88) Benzo(k)fluoranthene	15.22	252	1688334	151.72	ng	# 98
89) Benzo(a)pyrene	15.60	252	776665	68.60	ng	99
90) Dibenzo(a,h)anthracene	17.17	278	525026	57.35	ng	# 95
91) Benzo(g,h,i)perylene	17.62	276	606069	65.46	ng	# 93

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.97 min Scan# 427

Delta R.T. -0.00 min

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CHA-SB-01-0-2MSD

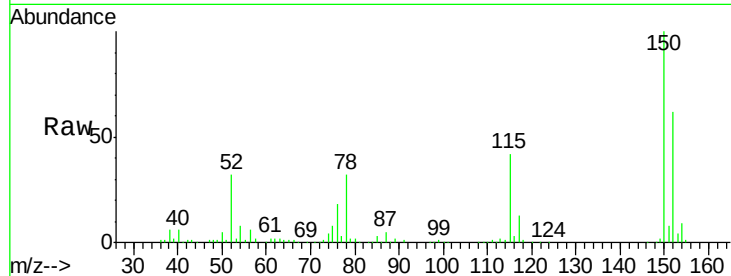
Tgt Ion:152 Resp: 145846

Ion Ratio Lower Upper

152 100

150 160.9 124.9 187.3

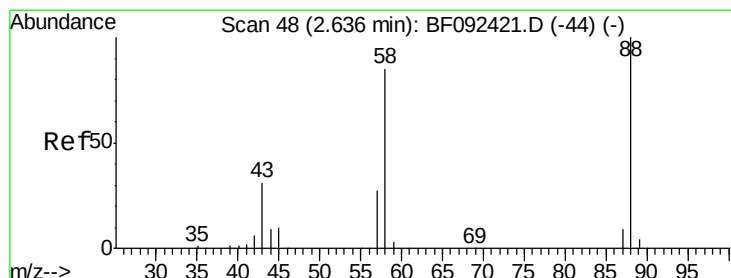
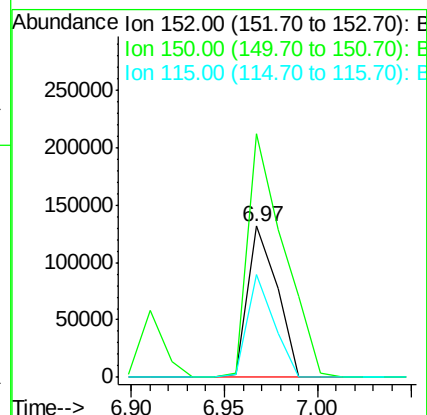
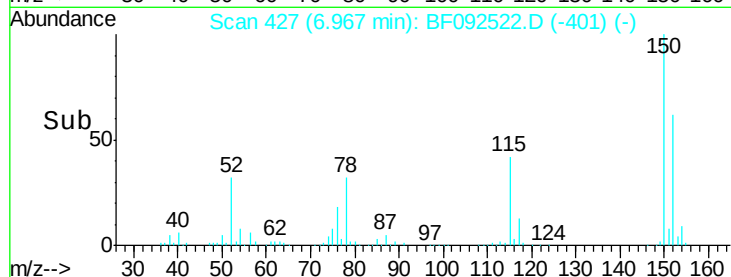
115 67.9 46.0 69.0



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: 40.86 ng

RT: 2.66 min Scan# 50

Delta R.T. 0.02 min

Lab File: BF092522.D

Acq: 26 Jan 2017 13:37

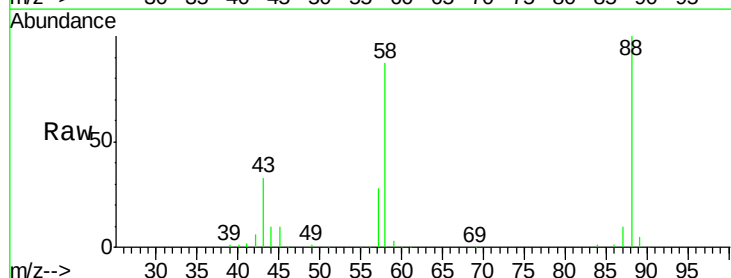
Tgt Ion: 88 Resp: 203702

Ion Ratio Lower Upper

88 100

58 87.1 57.8 86.8#

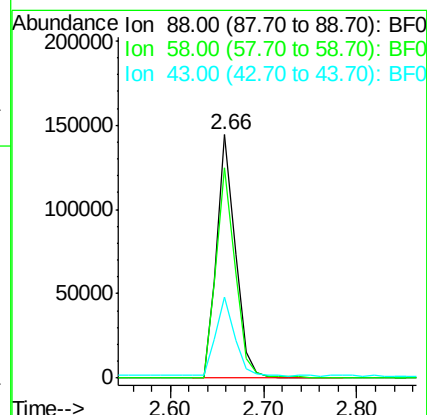
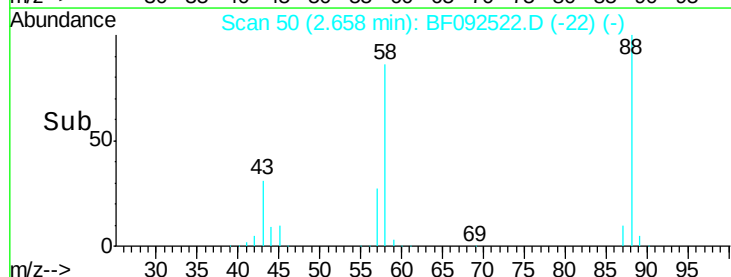
43 32.4 22.3 33.5

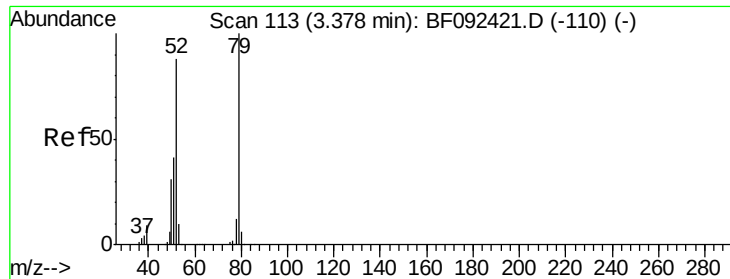


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 38.90 ng

RT: 3.41 min Scan# 116

Delta R.T. 0.03 min

Lab File: BF092522.D

Acq: 26 Jan 2017 13:37

Instrument :

BNA_F

ClientSampleId :

CHA-SB-01-0-2MSD

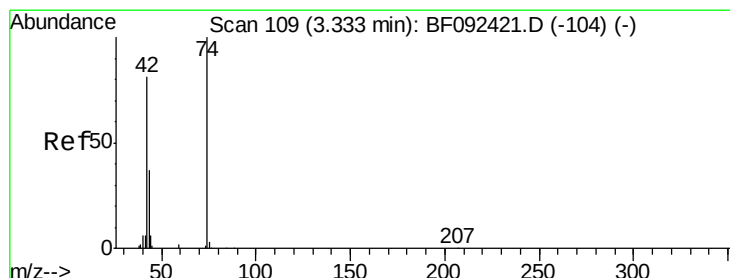
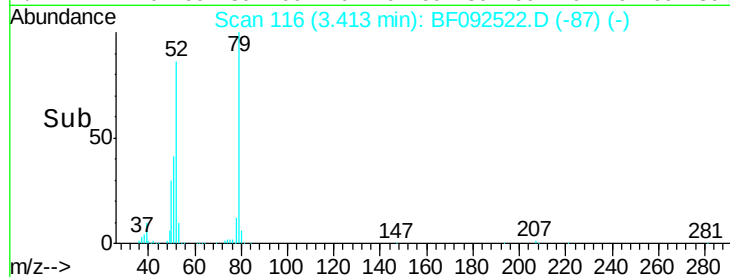
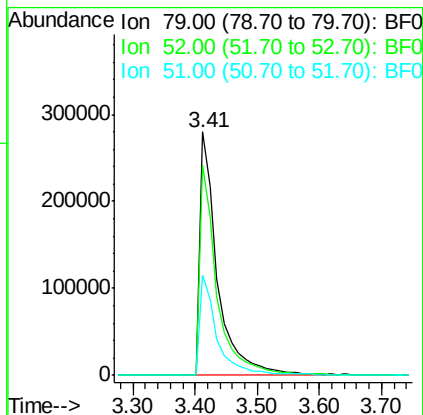
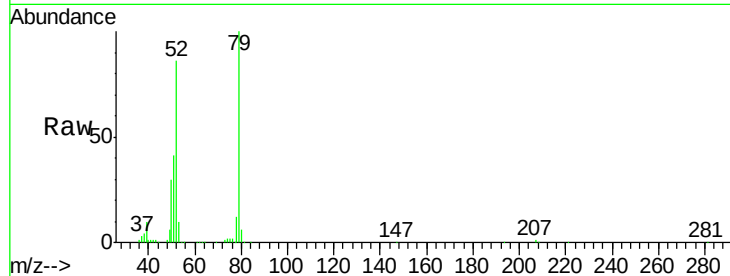
Tgt Ion: 79 Resp: 552062

Ion Ratio Lower Upper

79 100

52 86.4 57.1 85.7#

51 41.4 27.3 40.9#



#4

n-Nitrosodimethylamine

Concen: 43.92 ng

RT: 3.37 min Scan# 112

Delta R.T. 0.03 min

Lab File: BF092522.D

Acq: 26 Jan 2017 13:37

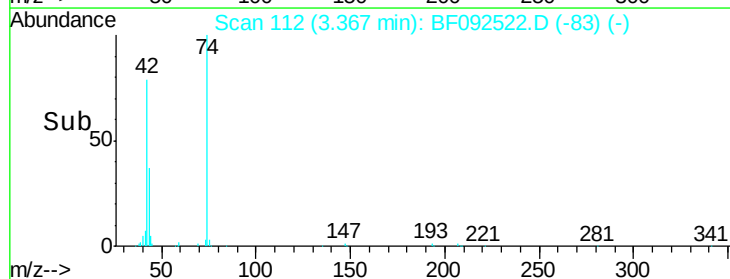
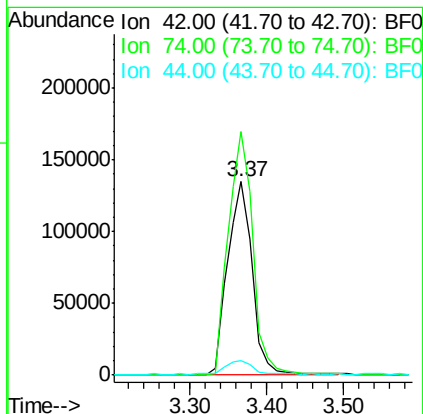
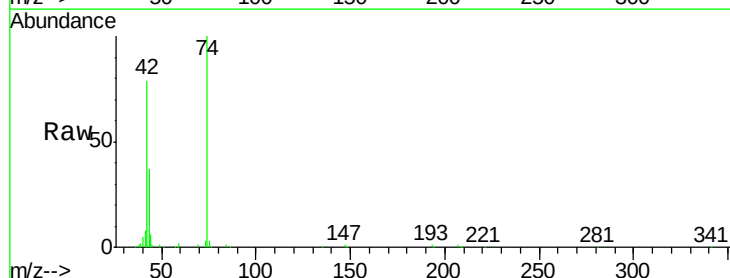
Tgt Ion: 42 Resp: 305798

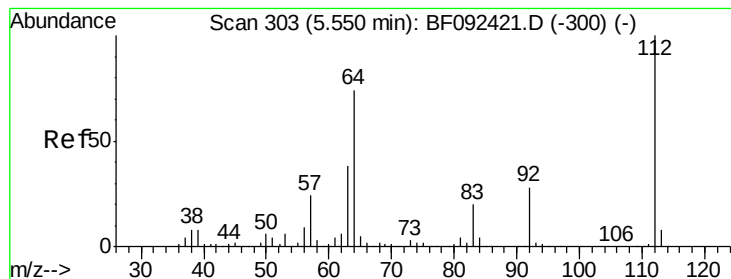
Ion Ratio Lower Upper

42 100

74 125.9 117.0 175.4

44 7.4 5.5 8.3





#5

2-Fluorophenol

Concen: 128.04 ng

RT: 5.57 min Scan# 305

Delta R.T. 0.02 min

Lab File: BF092522.D

Acq: 26 Jan 2017 13:37

Instrument :

BNA_F

ClientSampleId :

CHA-SB-01-0-2MSD

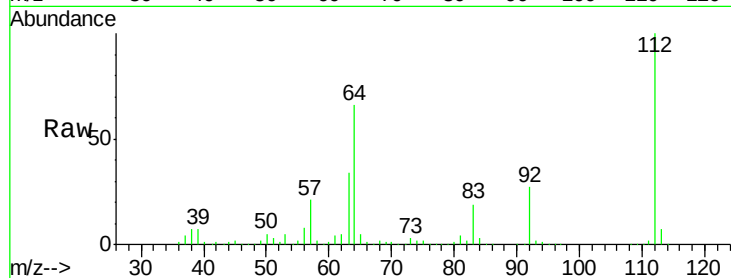
Tgt Ion: 112 Resp: 1200228

Ion Ratio Lower Upper

112 100

64 66.4 46.1 69.1

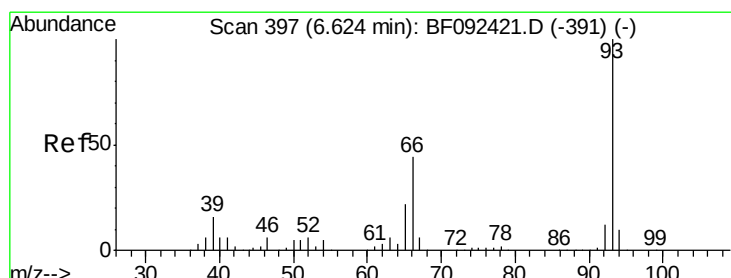
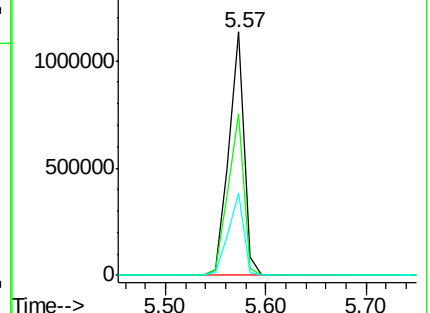
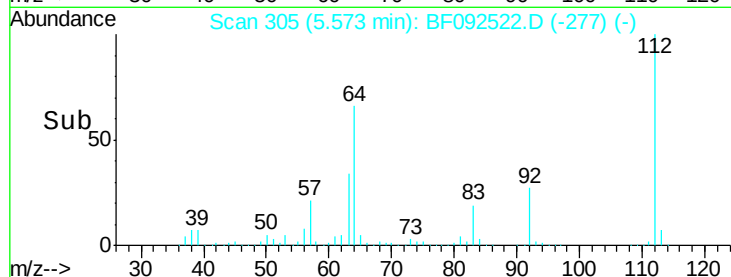
63 33.9 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 20.28 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.00 min

Lab File: BF092522.D

Acq: 26 Jan 2017 13:37

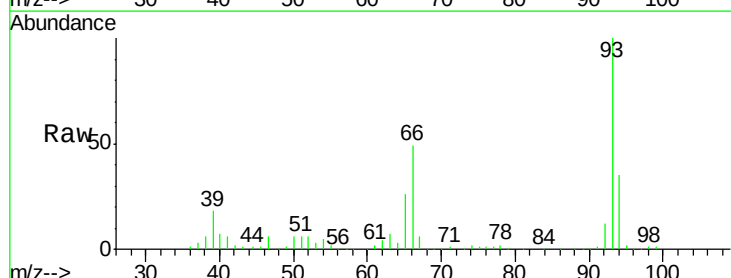
Tgt Ion: 93 Resp: 361182

Ion Ratio Lower Upper

93 100

66 49.3 76.2 114.2#

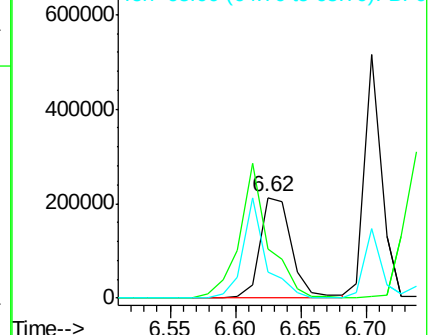
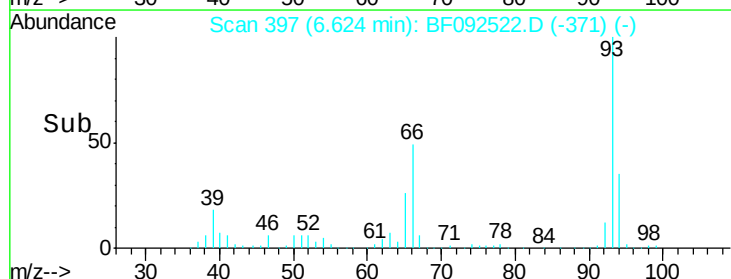
65 25.6 49.3 73.9#

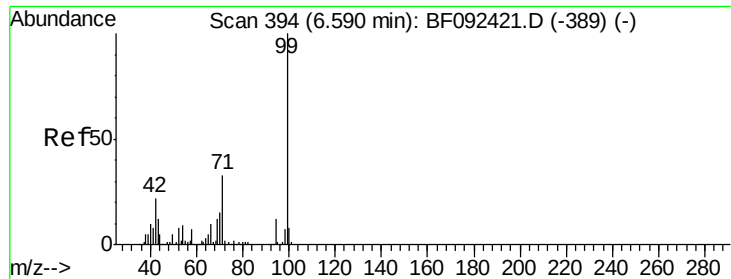


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 133.92 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.01 min

Lab File: BF092522.D

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CHA-SB-01-0-2MSD

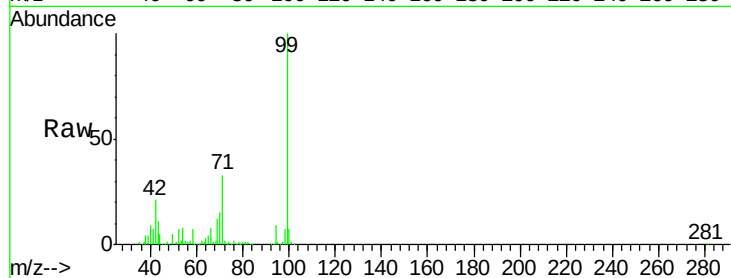
Tgt Ion: 99 Resp: 1599092

Ion Ratio Lower Upper

99 100

42 20.9 15.6 23.4

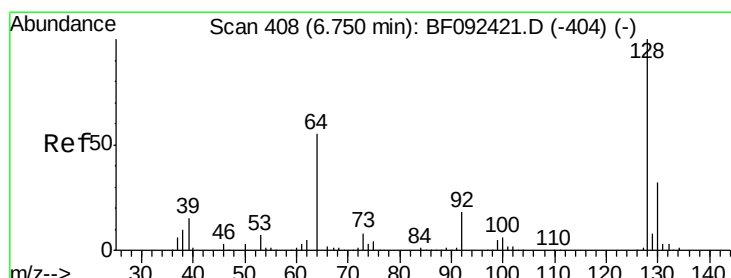
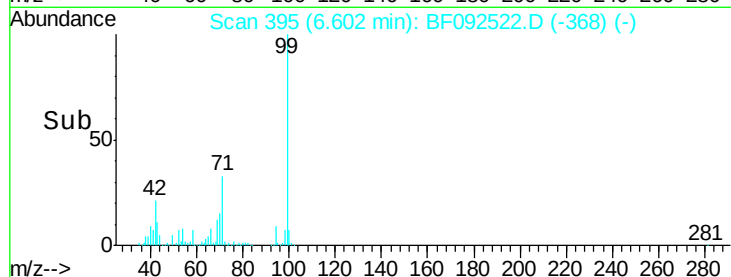
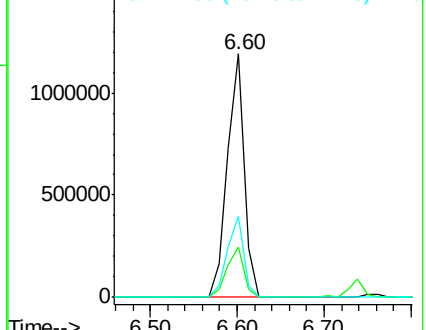
71 33.4 27.5 41.3



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: 43.89 ng

RT: 6.76 min Scan# 409

Delta R.T. 0.01 min

Lab File: BF092522.D

Acq: 26 Jan 2017 13:37

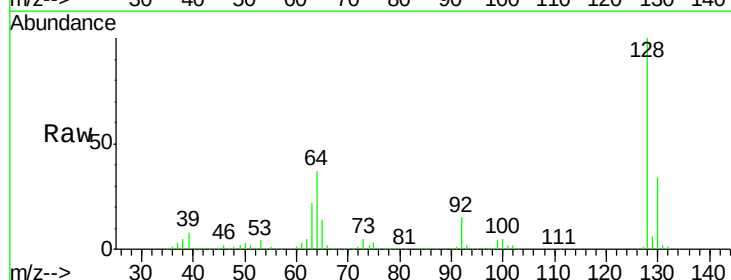
Tgt Ion: 128 Resp: 432119

Ion Ratio Lower Upper

128 100

130 34.1 12.3 52.3

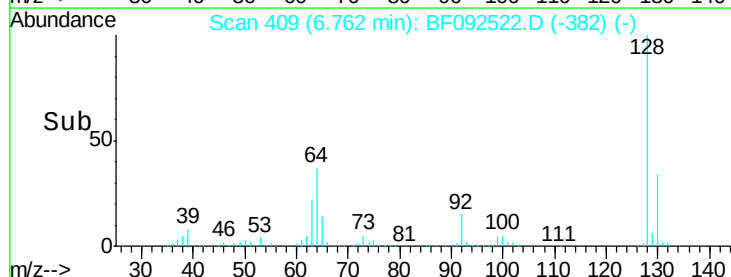
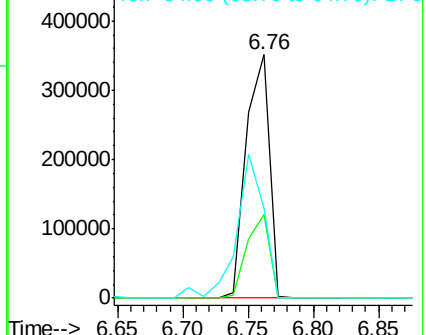
64 37.1 32.2 72.2

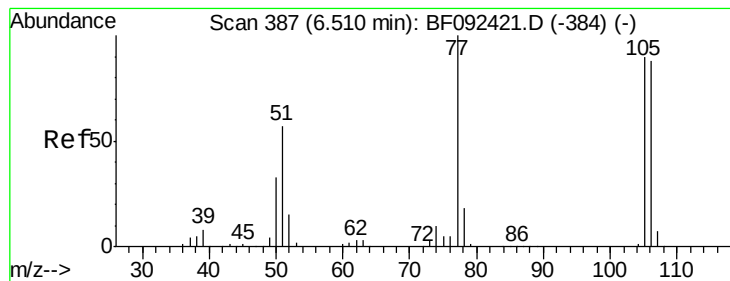


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 32.62 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.00 min

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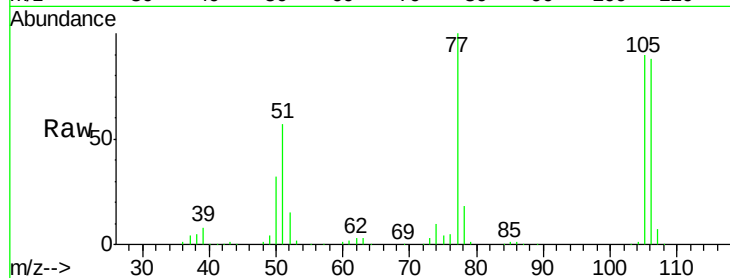
Tgt Ion: 77 Resp: 276405

Ion Ratio Lower Upper

77 100

105 89.8 83.9 123.9

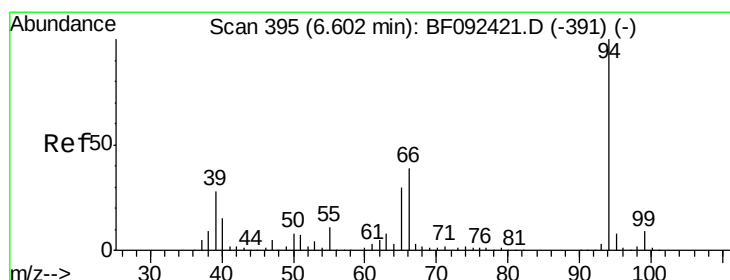
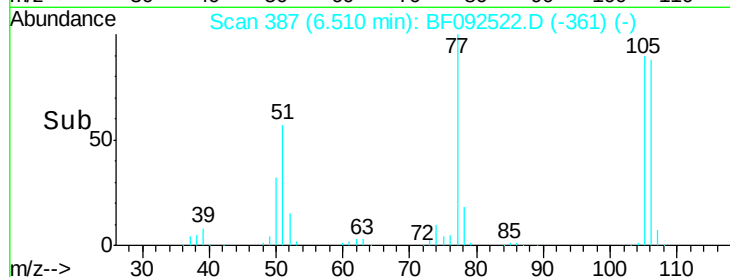
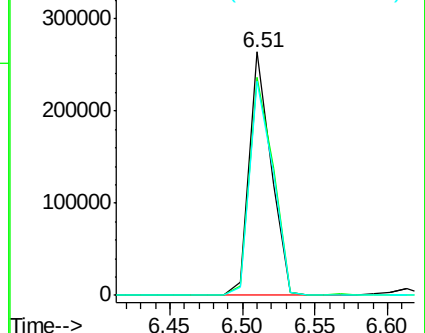
106 87.7 77.6 117.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 42.98 ng

RT: 6.61 min Scan# 396

Delta R.T. 0.01 min

Lab File: BF092522.D

Acq: 26 Jan 2017 13:37

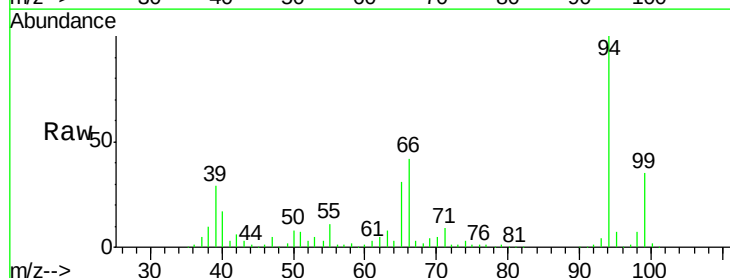
Tgt Ion: 94 Resp: 619460

Ion Ratio Lower Upper

94 100

65 31.1 21.4 61.4

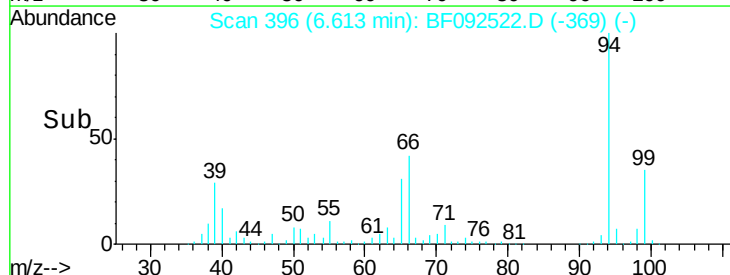
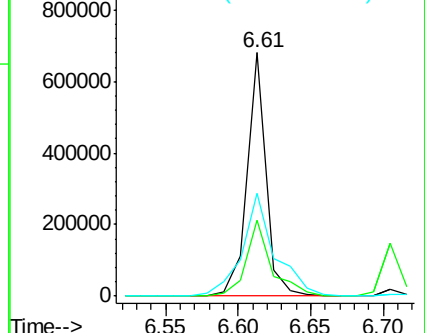
66 42.1 44.0 84.0#

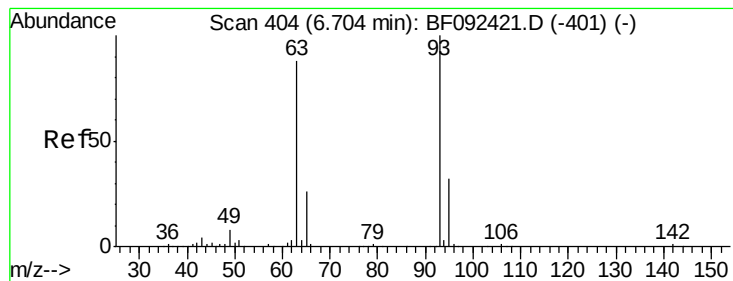


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

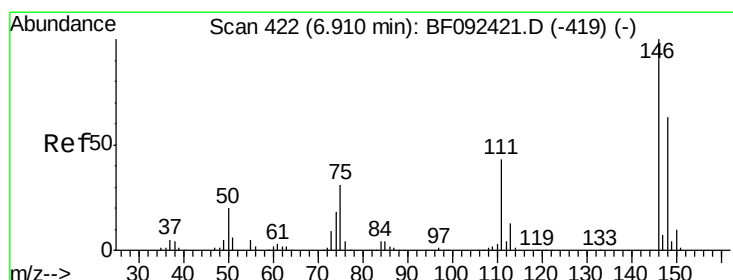
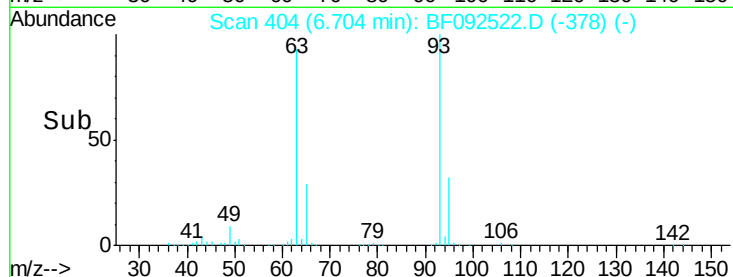
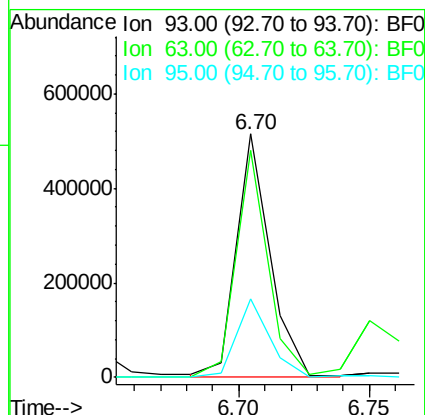
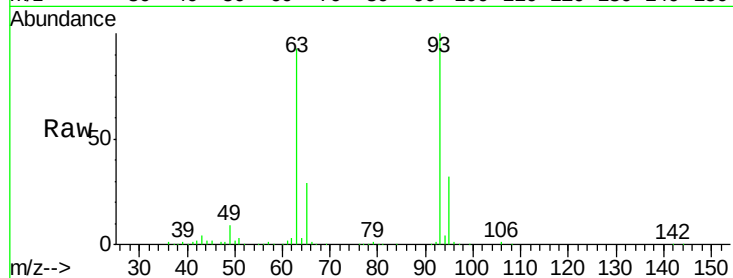




#11
bis(2-Chloroethyl)ether
Concen: 43.49 ng
RT: 6.70 min Scan# 404
Delta R.T. -0.00 min
Lab File: BF092522.D
Acq: 26 Jan 2017 13:37

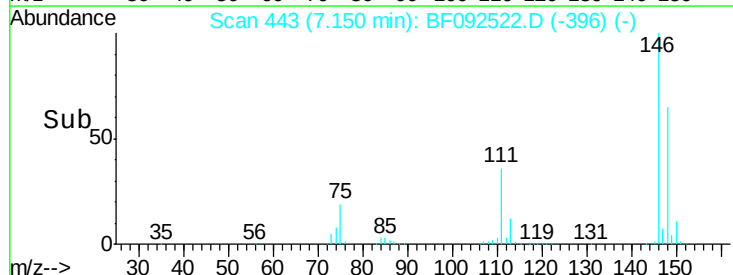
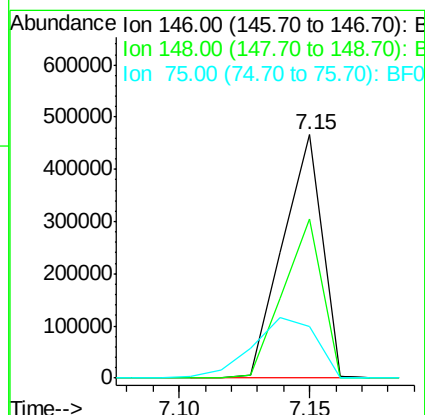
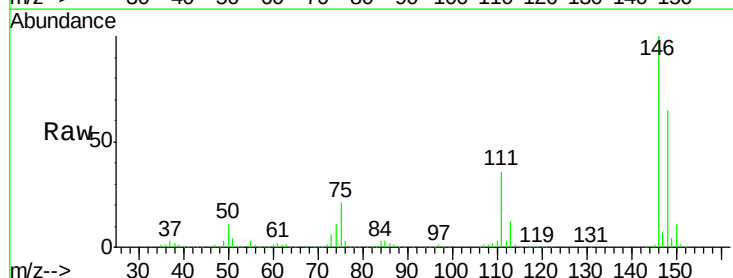
Instrument :
BNA_F
ClientSampleId :
CHA-SB-01-0-2MSD

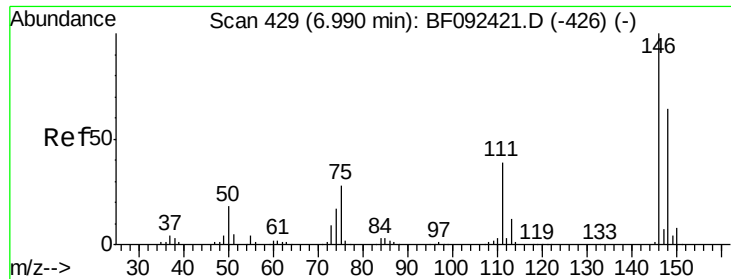
Tgt Ion: 93 Resp: 468959
Ion Ratio Lower Upper
93 100
63 93.3 60.4 100.4
95 32.5 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 42.05 ng
RT: 7.15 min Scan# 443
Delta R.T. 0.24 min
Lab File: BF092522.D
Acq: 26 Jan 2017 13:37

Tgt Ion: 146 Resp: 489658
Ion Ratio Lower Upper
146 100
148 65.2 53.4 80.0
75 21.1 18.5 27.7

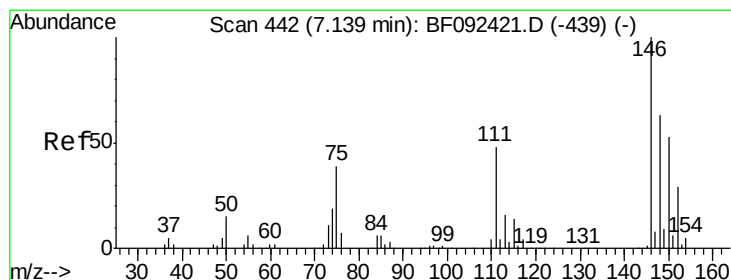
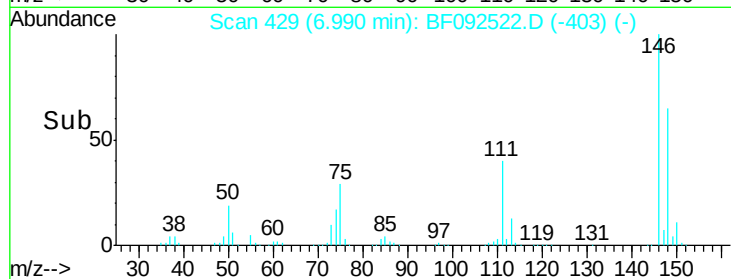
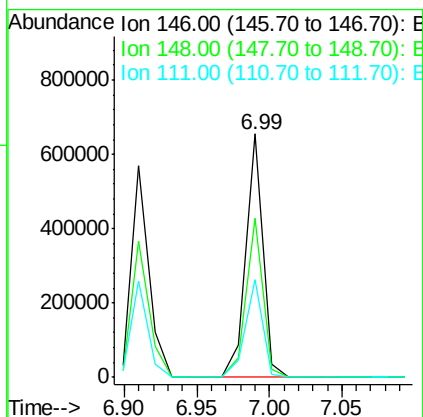
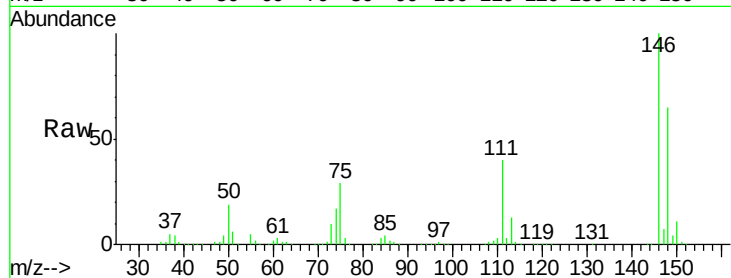




#13
 1,4-Dichlorobenzene
 Concen: 45.62 ng
 RT: 6.99 min Scan# 429
 Delta R.T. -0.00 min
 Lab File: BF092522.D
 Acq: 26 Jan 2017 13:37

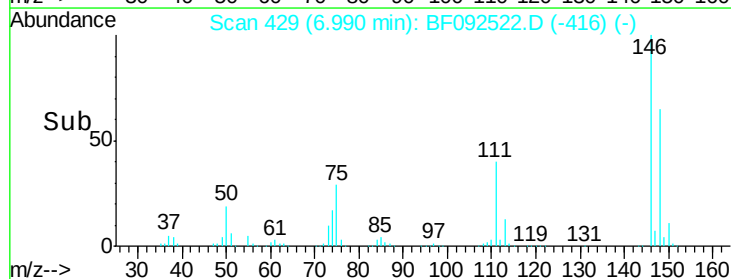
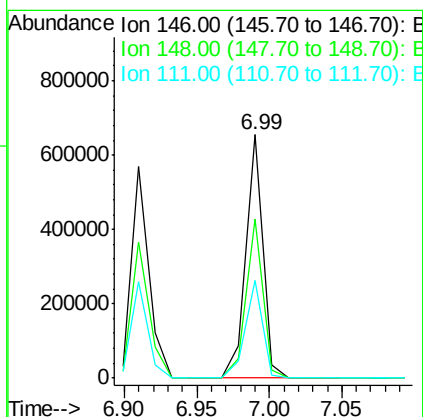
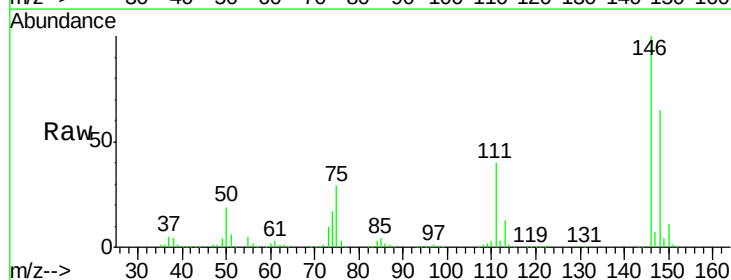
Instrument :
 BNA_F
 ClientSampleId :
 CHA-SB-01-0-2MSD

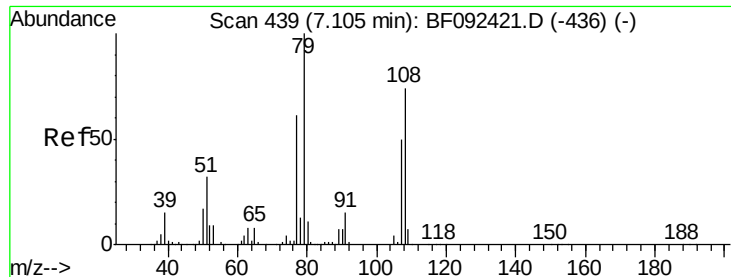
Tgt Ion:146 Resp: 534698
 Ion Ratio Lower Upper
 146 100
 148 65.2 50.6 76.0
 111 40.1 36.2 54.4



#14
 1,2-Dichlorobenzene
 Concen: 48.09 ng
 RT: 6.99 min Scan# 429
 Delta R.T. -0.15 min
 Lab File: BF092522.D
 Acq: 26 Jan 2017 13:37

Tgt Ion:146 Resp: 534698
 Ion Ratio Lower Upper
 146 100
 148 65.2 52.2 78.2
 111 40.1 36.2 54.2





#15

Benzyl Alcohol

Concen: 50.92 ng

RT: 7.12 min Scan# 440

Delta R.T. 0.01 min

Lab File: BF092522.D

Acq: 26 Jan 2017 13:37

Instrument :

BNA_F

ClientSampleId :

CHA-SB-01-0-2MSD

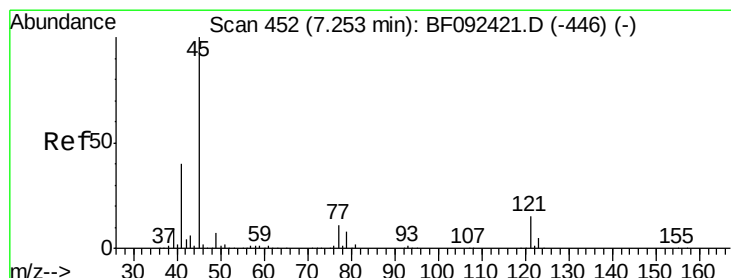
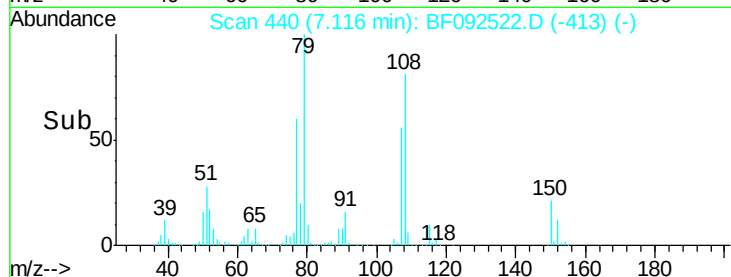
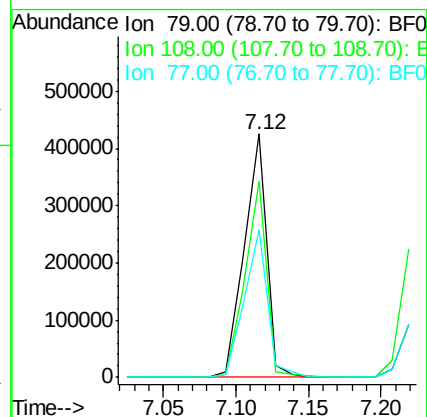
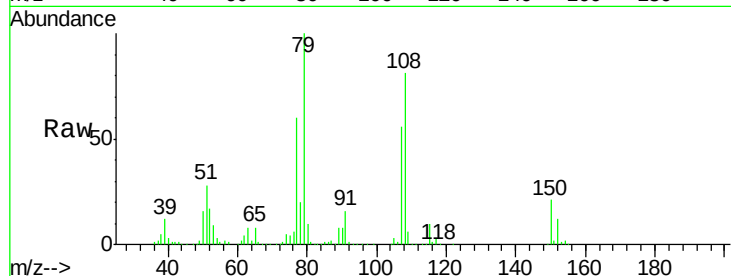
Tgt Ion: 79 Resp: 458191

Ion Ratio Lower Upper

79 100

108 80.8 61.4 92.0

77 60.4 50.9 76.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.32 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.00 min

Lab File: BF092522.D

Acq: 26 Jan 2017 13:37

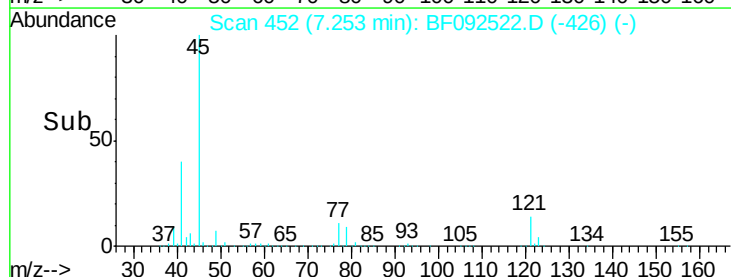
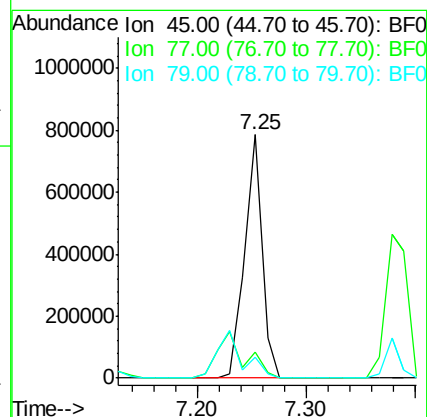
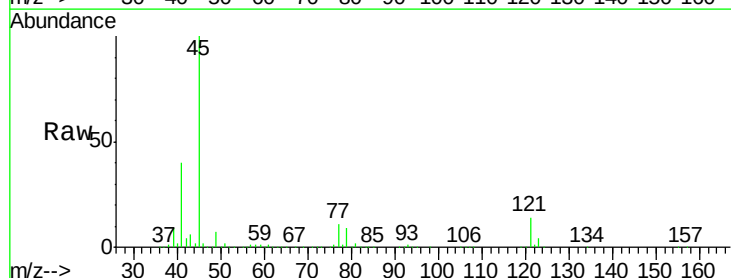
Tgt Ion: 45 Resp: 860154

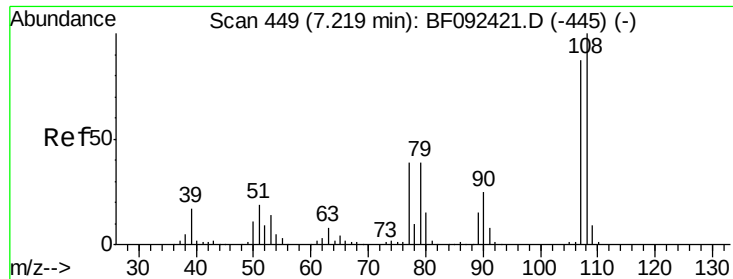
Ion Ratio Lower Upper

45 100

77 10.7 0.0 34.6

79 8.6 0.0 31.2

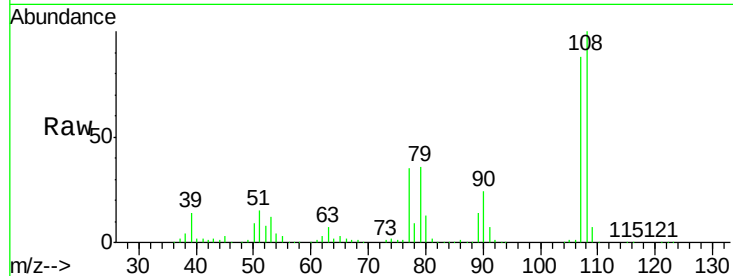




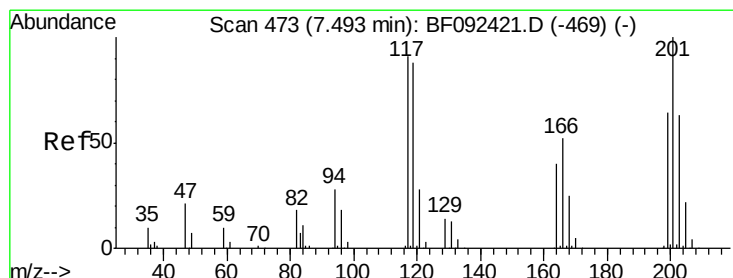
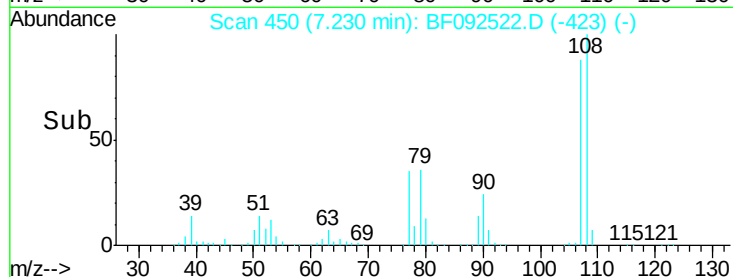
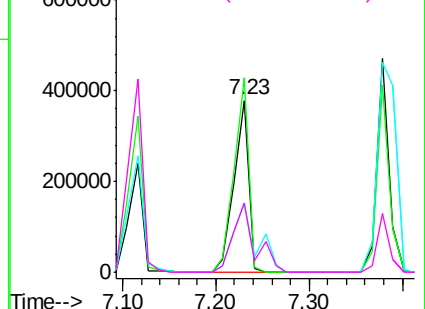
#17
2-Methylphenol
Concen: 50.33 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.01 min
Lab File: BF092522.D
Acq: 26 Jan 2017 13:37

Instrument :
BNA_F
ClientSampleId :
CHA-SB-01-0-2MSD

Tgt Ion:107 Resp: 423464
Ion Ratio Lower Upper
107 100
108 113.4 93.0 139.6
77 40.1 39.8 59.8
79 40.4 38.0 57.0

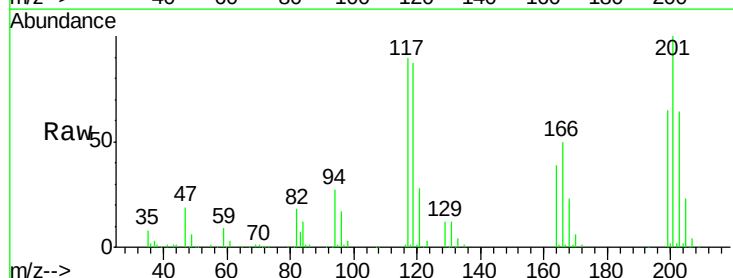


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

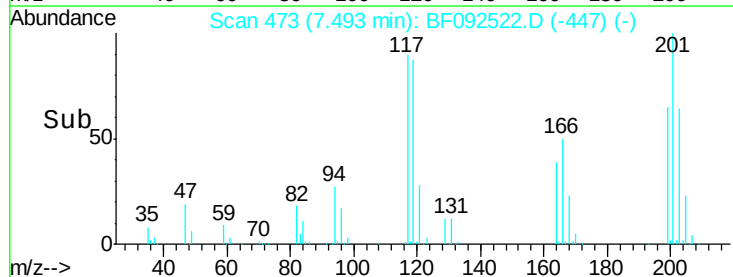
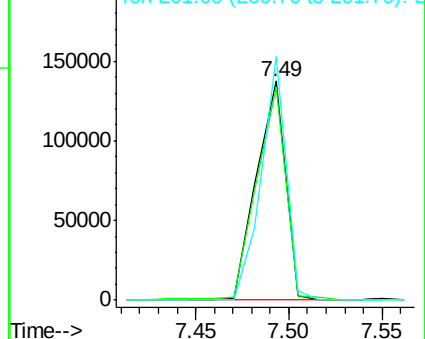


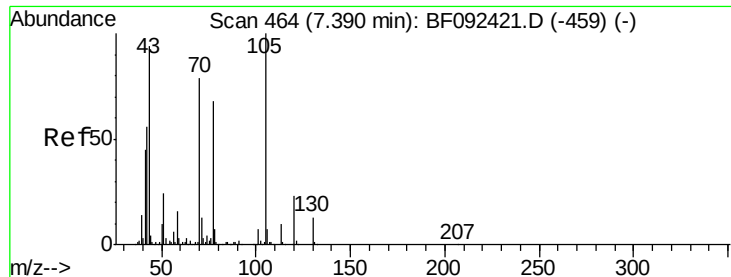
#18
Hexachloroethane
Concen: 36.33 ng
RT: 7.49 min Scan# 473
Delta R.T. -0.00 min
Lab File: BF092522.D
Acq: 26 Jan 2017 13:37

Tgt Ion:117 Resp: 146691
Ion Ratio Lower Upper
117 100
119 97.1 78.1 117.1
201 111.3 78.6 117.8



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

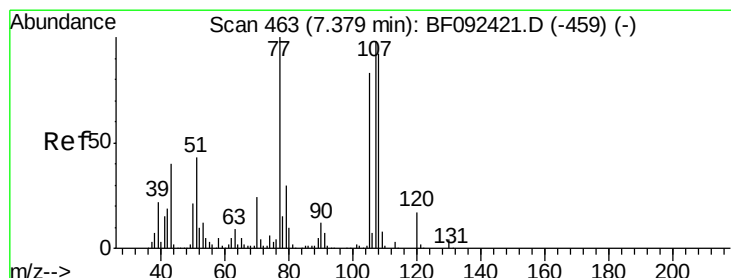
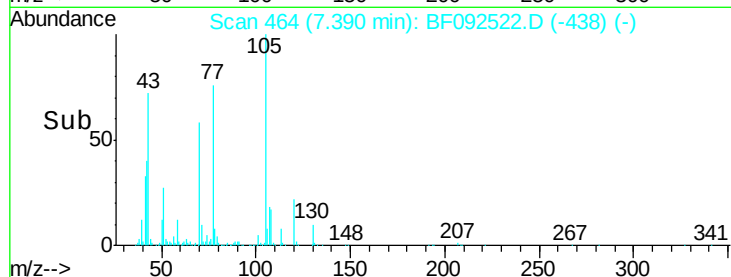
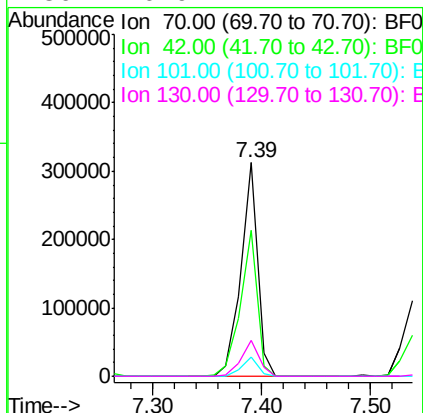
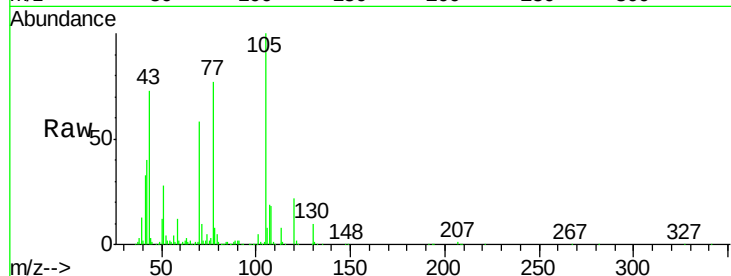




#19
n-Nitroso-di-n-propylamine
Concen: 40.51 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.00 min
Lab File: BF092522.D
Acq: 26 Jan 2017 13:37

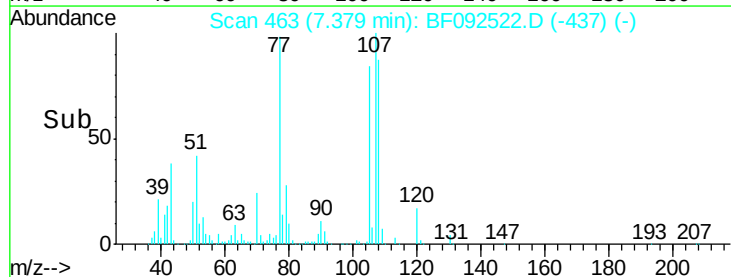
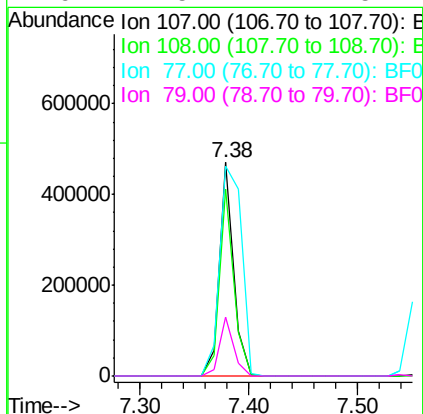
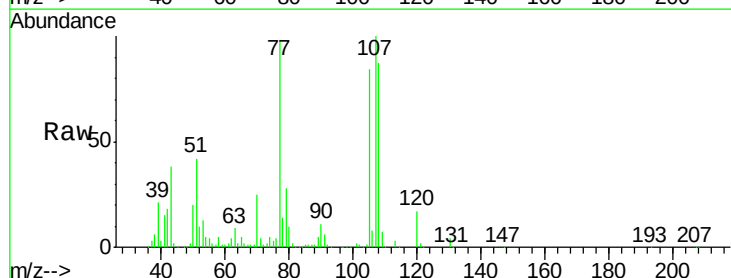
Instrument :
BNA_F
ClientSampleId :
CHA-SB-01-0-2MSD

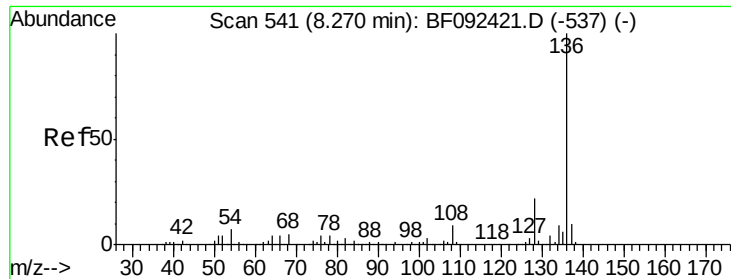
Tgt Ion:	70	Resp:	329395
Ion	Ratio	Lower	Upper
70	100		
42	68.4	49.4	74.0
101	8.8	7.4	11.2
130	16.9	14.2	21.4



#20
3+4-Methylphenols
Concen: 42.59 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.00 min
Lab File: BF092522.D
Acq: 26 Jan 2017 13:37

Tgt Ion:	107	Resp:	434739
Ion	Ratio	Lower	Upper
107	100		
108	87.4	73.0	113.0
77	98.2	71.3	111.3
79	27.5	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: BF092522.D

Acq: 26 Jan 2017 13:37

Instrument :

BNA_F

ClientSampleId :

CHA-SB-01-0-2MSD

Tgt Ion:136 Resp: 548256

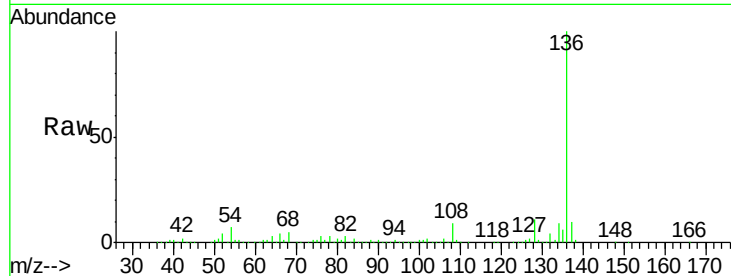
Ion Ratio Lower Upper

136 100

137 10.4 8.4 12.6

54 7.3 4.5 6.7#

68 5.3 3.6 5.4

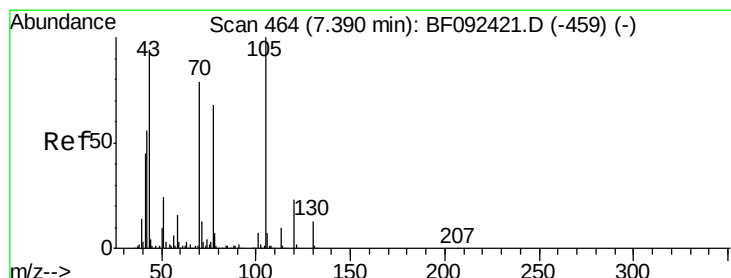
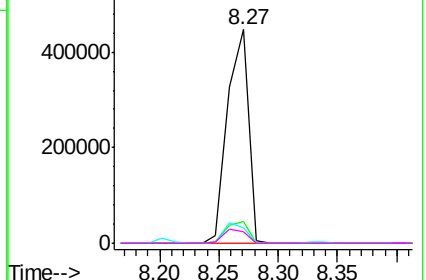
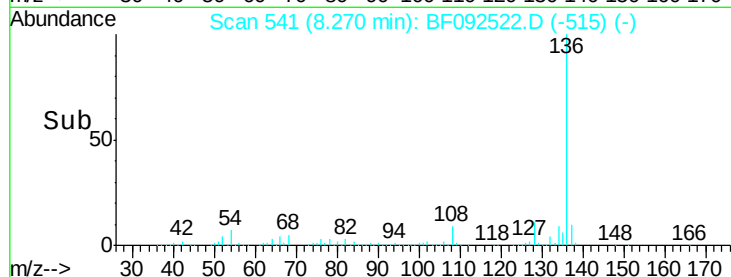


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 52.29 ng

RT: 7.39 min Scan# 464

Delta R.T. -0.00 min

Lab File: BF092522.D

Acq: 26 Jan 2017 13:37

Tgt Ion:105 Resp: 682842

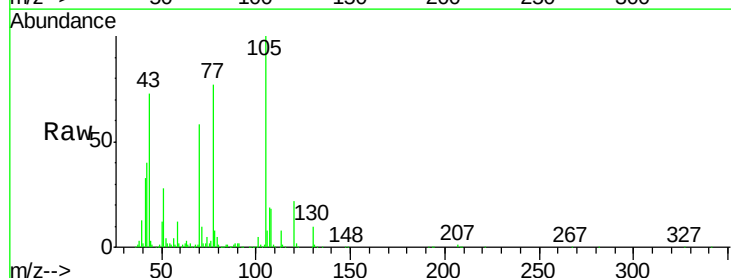
Ion Ratio Lower Upper

105 100

71 9.9 3.2 4.8#

51 27.9 26.2 39.4

120 22.3 16.6 24.8

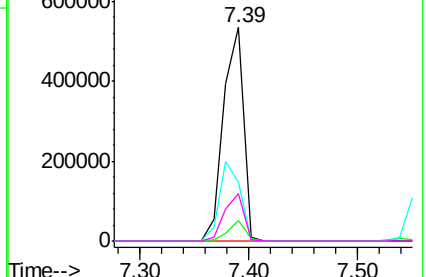
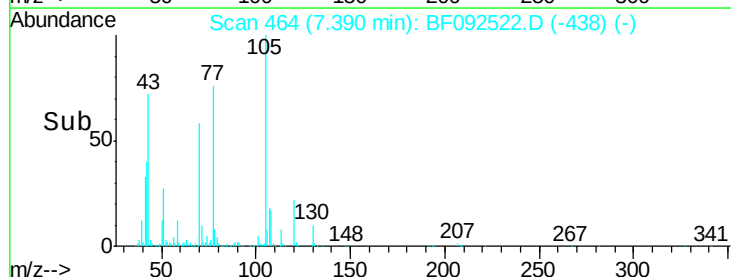


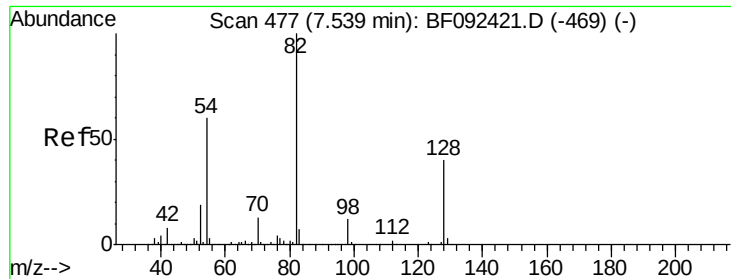
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

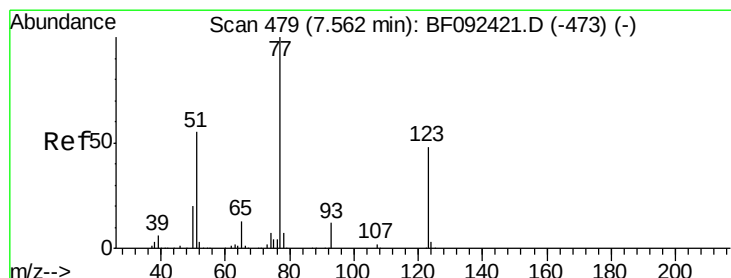
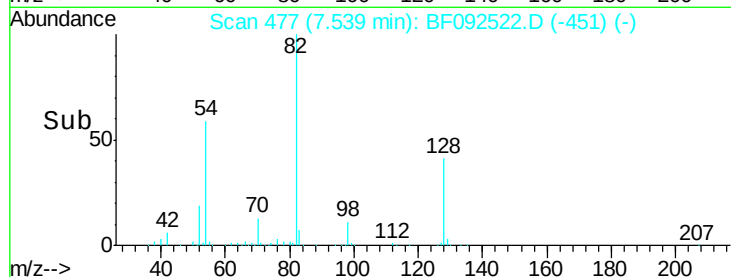
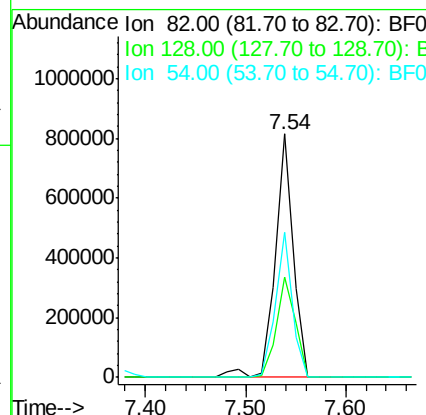
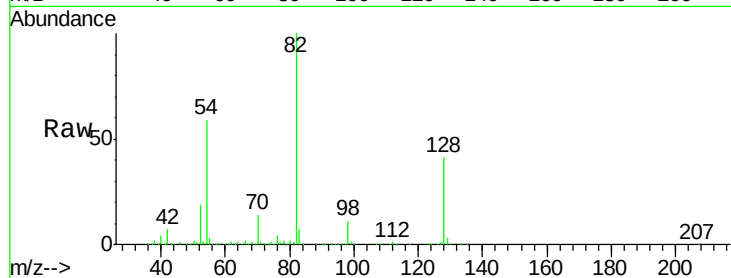




#23
 Nitrobenzene-d5
 Concen: 101.03 ng
 RT: 7.54 min Scan# 477
 Delta R.T. -0.00 min
 Lab File: BF092522.D
 Acq: 26 Jan 2017 13:37

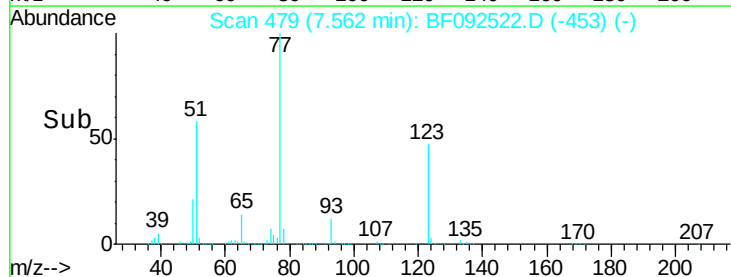
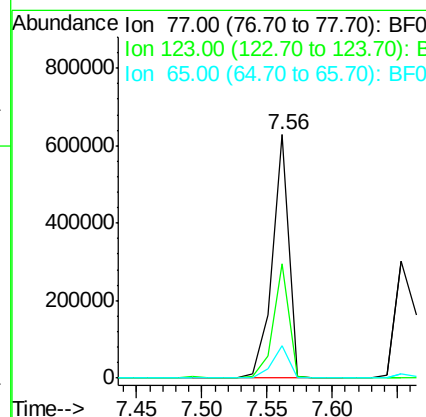
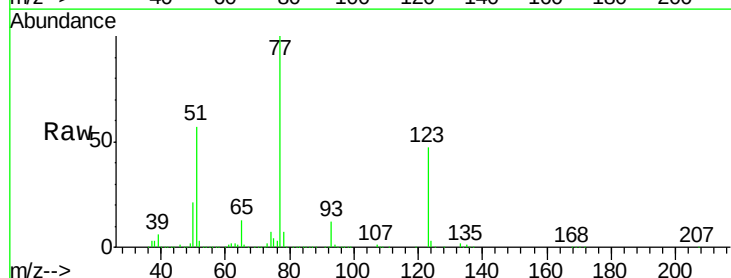
Instrument :
 BNA_F
 ClientSampleId :
 CHA-SB-01-0-2MSD

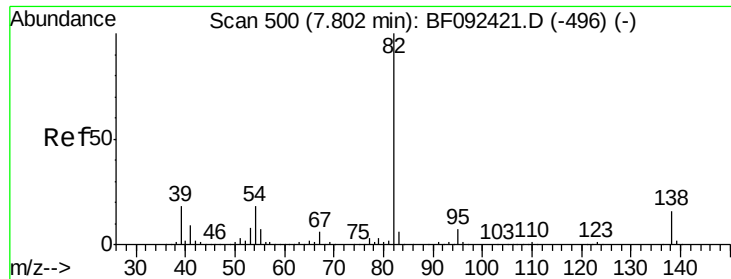
Tgt Ion: 82 Resp: 1013967
 Ion Ratio Lower Upper
 82 100
 128 41.2 34.6 52.0
 54 59.4 39.5 59.3#



#24
 Nitrobenzene
 Concen: 53.00 ng
 RT: 7.56 min Scan# 479
 Delta R.T. -0.00 min
 Lab File: BF092522.D
 Acq: 26 Jan 2017 13:37

Tgt Ion: 77 Resp: 557288
 Ion Ratio Lower Upper
 77 100
 123 47.0 33.0 49.4
 65 13.4 11.2 16.8





#25

Isophorone

Concen: 47.22 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF092522.D

Acq: 26 Jan 2017 13:37

Instrument :

BNA_F

ClientSampleId :

CHA-SB-01-0-2MSD

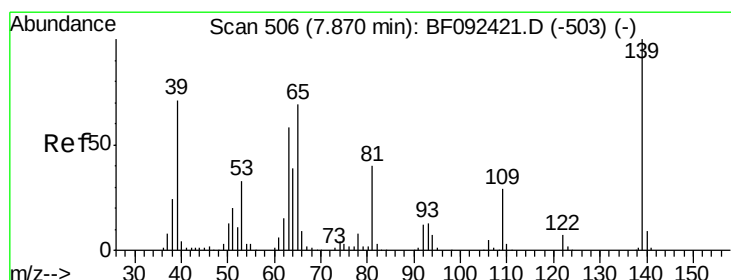
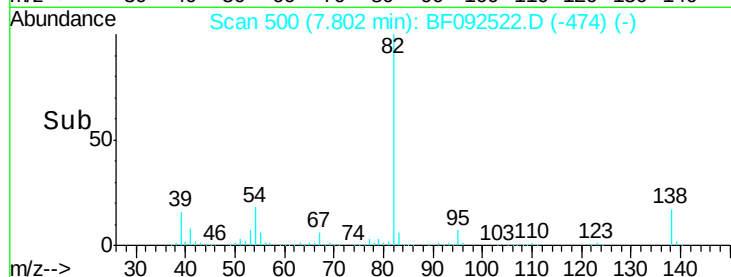
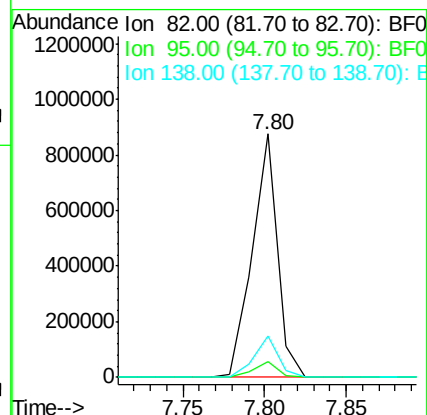
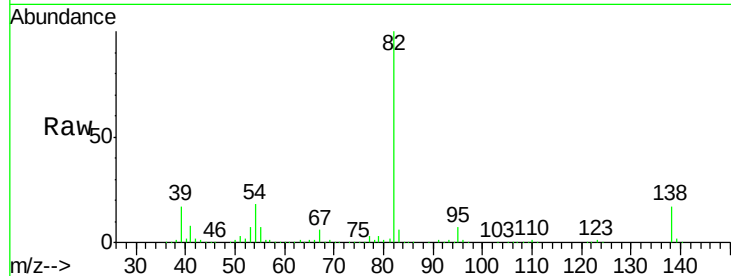
Tgt Ion: 82 Resp: 933886

Ion Ratio Lower Upper

82 100

95 6.6 5.6 8.4

138 17.1 14.6 22.0



#26

2-Nitrophenol

Concen: 41.83 ng

RT: 7.88 min Scan# 507

Delta R.T. 0.01 min

Lab File: BF092522.D

Acq: 26 Jan 2017 13:37

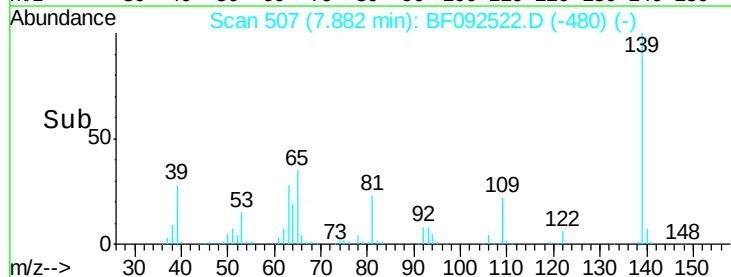
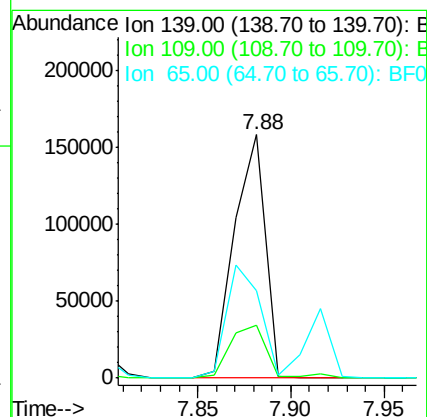
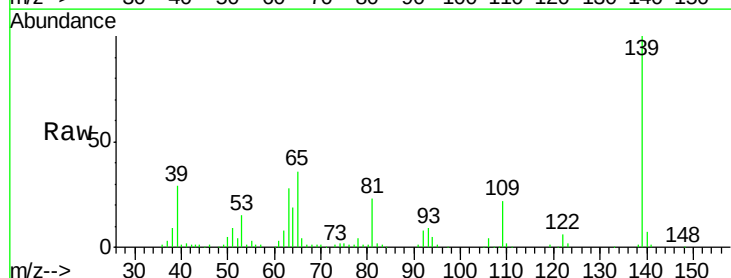
Tgt Ion: 139 Resp: 184316

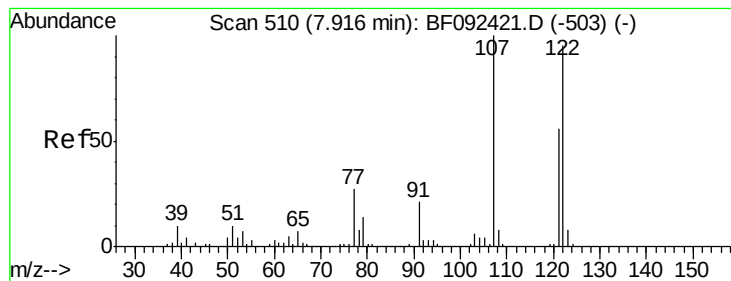
Ion Ratio Lower Upper

139 100

109 21.6 23.3 34.9#

65 35.8 42.7 64.1#





#27

2,4-Dimethylphenol

Concen: 47.75 ng

RT: 7.92 min Scan# 510

Delta R.T. -0.00 min

Lab File: BF092522.D

Acq: 26 Jan 2017 13:37

Instrument :

BNA_F

ClientSampleId :

CHA-SB-01-0-2MSD

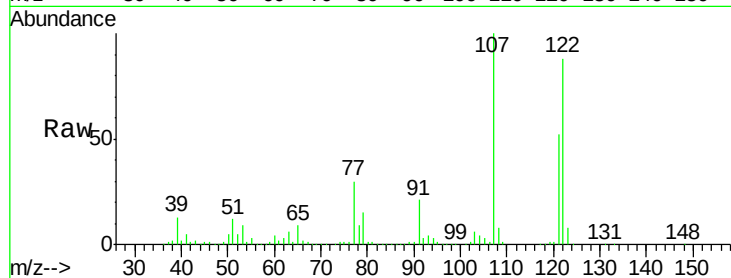
Tgt Ion:122 Resp: 437562

Ion Ratio Lower Upper

122 100

107 113.0 94.1 141.1

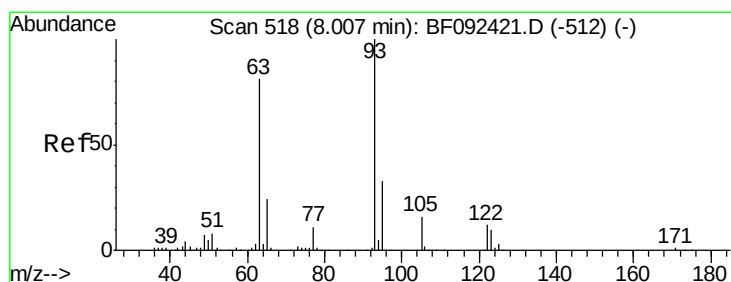
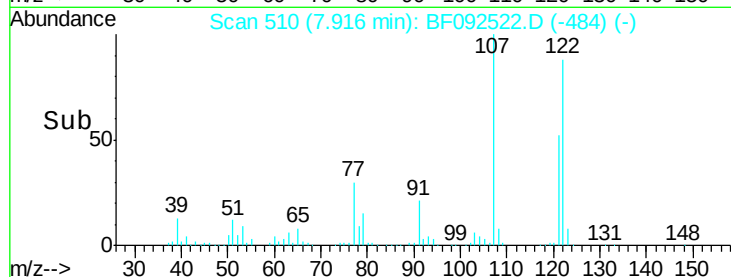
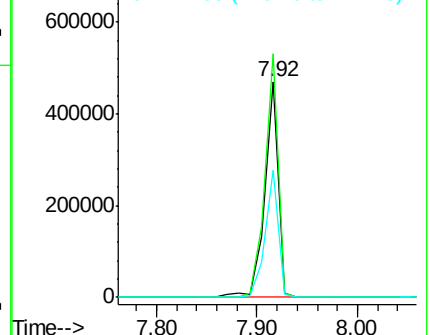
121 59.3 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 44.07 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.00 min

Lab File: BF092522.D

Acq: 26 Jan 2017 13:37

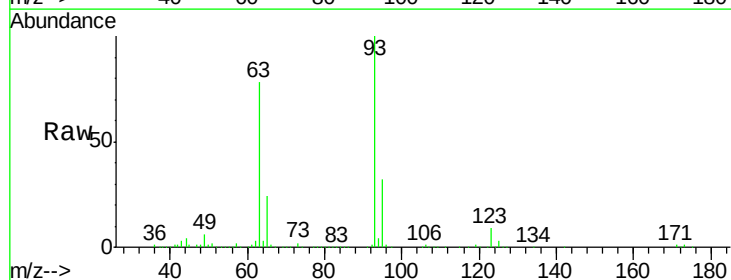
Tgt Ion: 93 Resp: 572174

Ion Ratio Lower Upper

93 100

95 32.2 26.5 39.7

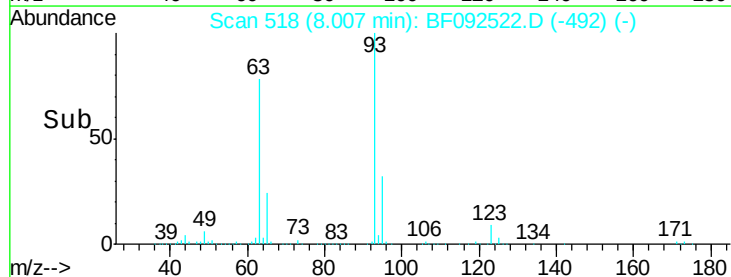
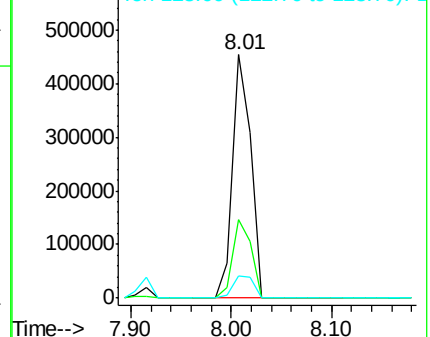
123 9.1 8.6 13.0

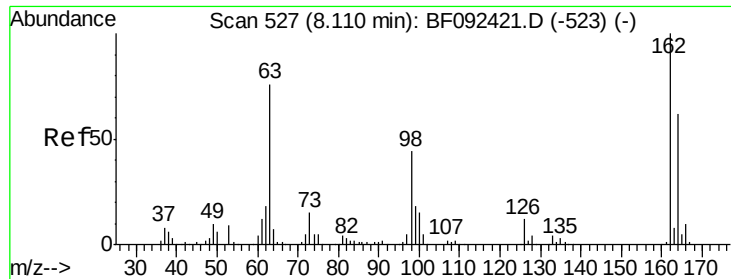


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

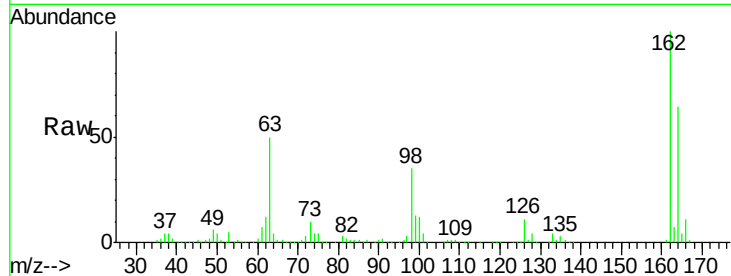




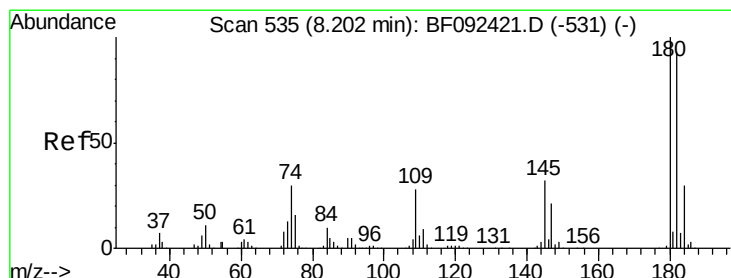
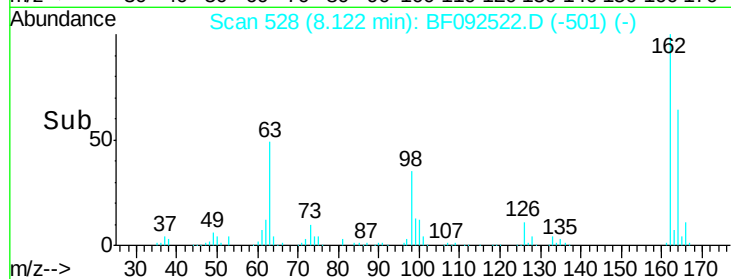
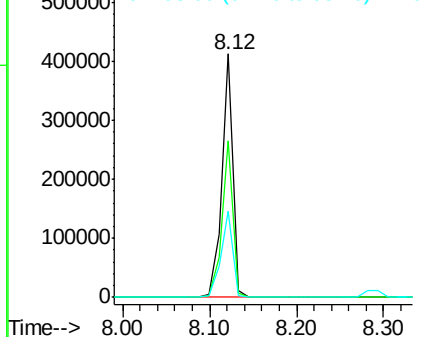
#29
 2,4-Dichlorophenol
 Concen: 46.74 ng
 RT: 8.12 min Scan# 528
 Delta R.T. 0.01 min
 Lab File: BF092522.D
 Acq: 26 Jan 2017 13:37

Instrument :
 BNA_F
 ClientSampleId :
 CHA-SB-01-0-2MSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.2	46.8	86.8
98	35.3	9.1	49.1

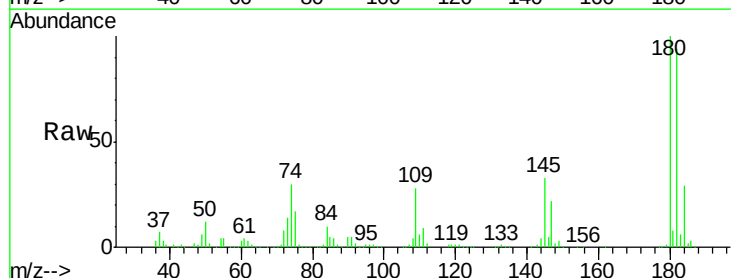


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

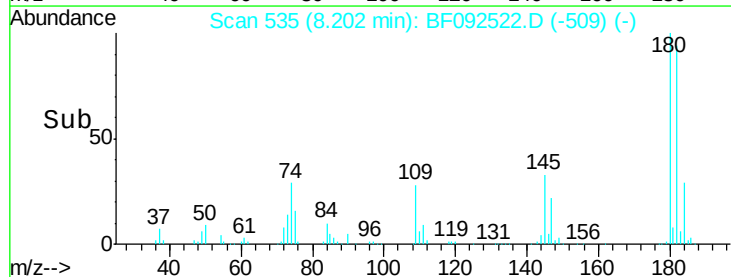
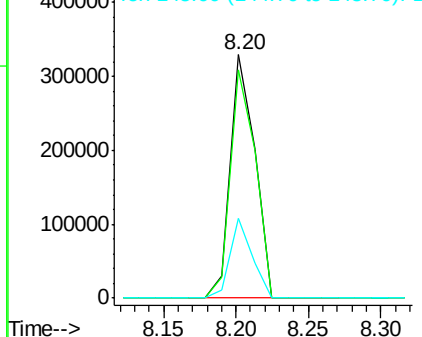


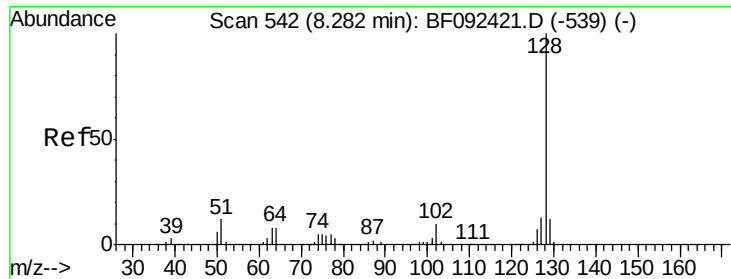
#30
 1,2,4-Trichlorobenzene
 Concen: 44.89 ng
 RT: 8.20 min Scan# 535
 Delta R.T. -0.00 min
 Lab File: BF092522.D
 Acq: 26 Jan 2017 13:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	78.2	117.4
145	32.8	21.6	32.4#



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

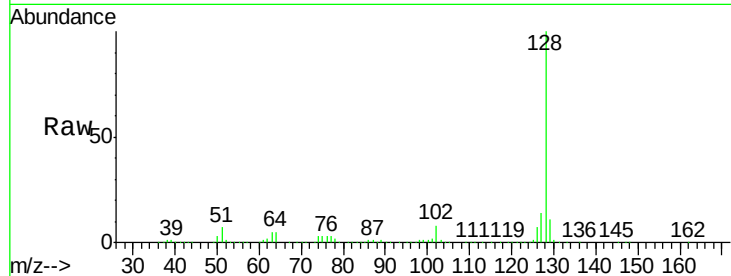




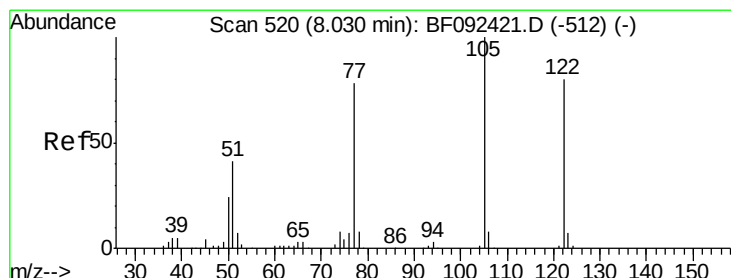
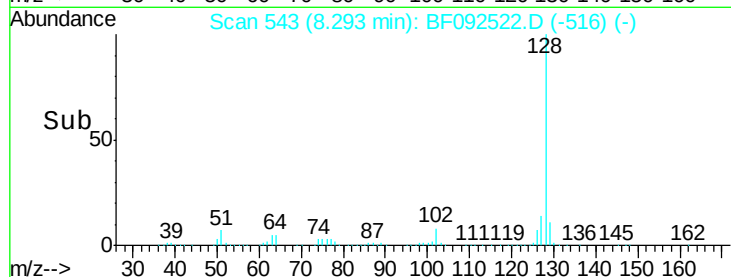
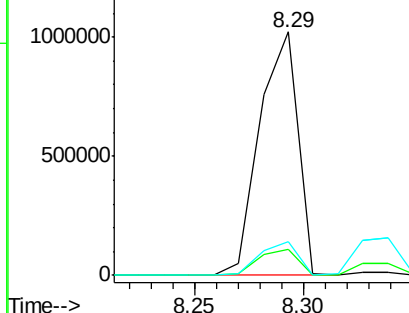
#31
Naphthalene
Concen: 44.89 ng
RT: 8.29 min Scan# 543
Delta R.T. 0.01 min
Lab File: BF092522.D
Acq: 26 Jan 2017 13:37

Instrument :
BNA_F
ClientSampleId :
CHA-SB-01-0-2MSD

Tgt Ion:128 Resp: 1259699
Ion Ratio Lower Upper
128 100
129 10.8 9.5 14.3
127 13.7 10.8 16.2

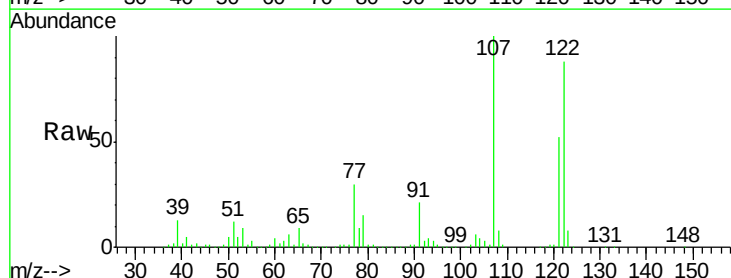


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

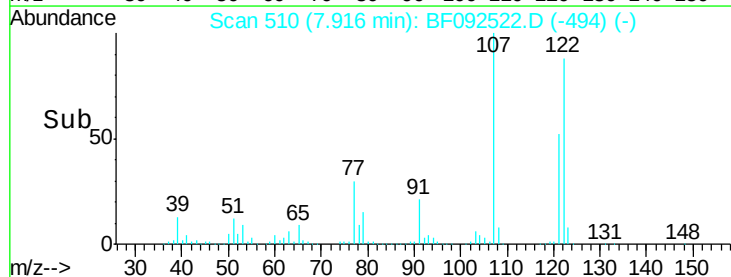
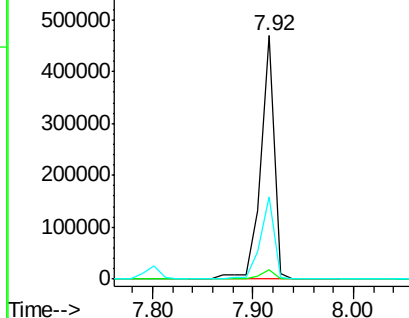


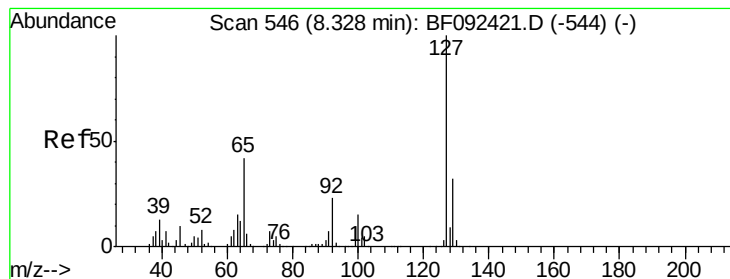
#32
Benzoic acid
Concen: 62.33 ng
RT: 7.92 min Scan# 510
Delta R.T. -0.11 min
Lab File: BF092522.D
Acq: 26 Jan 2017 13:37

Tgt Ion:122 Resp: 437562
Ion Ratio Lower Upper
122 100
105 3.8 107.2 147.2#
77 33.6 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: 20.10 ng

RT: 8.34 min Scan# 547

Delta R.T. 0.01 min

Lab File: BF092522.D

Acq: 26 Jan 2017 13:37

Instrument :

BNA_F

ClientSampleId :

CHA-SB-01-0-2MSD

Tgt Ion:127 Resp: 238608

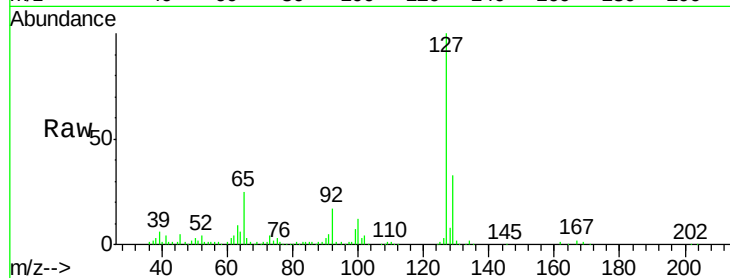
Ion Ratio Lower Upper

127 100

129 33.2 26.3 39.5

65 24.6 25.8 38.8#

92 16.9 16.1 24.1

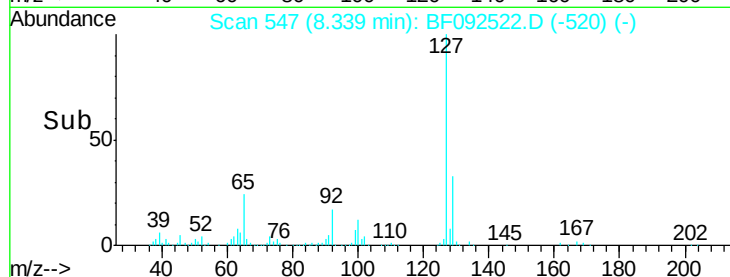


Abundance Ion 127.00 (126.70 to 127.70): E

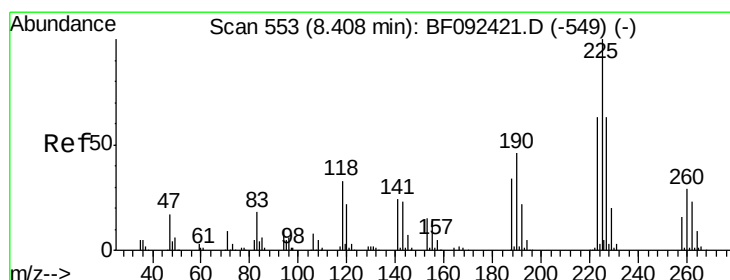
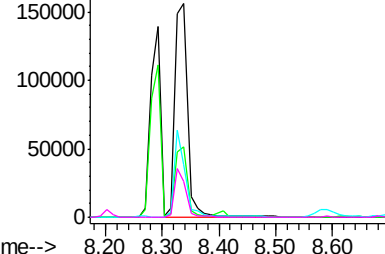
Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



Time-->



#34

Hexachlorobutadiene

Concen: 47.02 ng

RT: 8.41 min Scan# 553

Delta R.T. -0.00 min

Lab File: BF092522.D

Acq: 26 Jan 2017 13:37

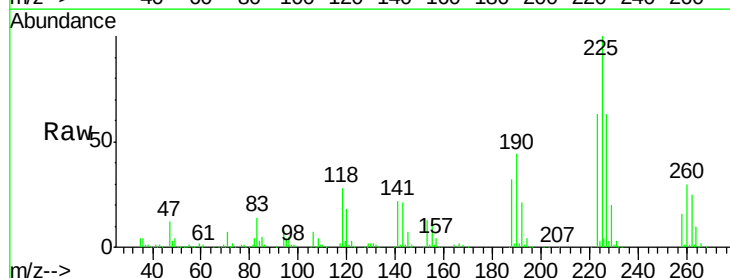
Tgt Ion:225 Resp: 220842

Ion Ratio Lower Upper

225 100

223 63.0 51.0 76.6

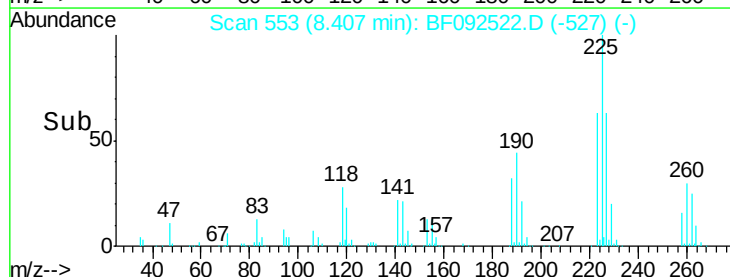
227 63.4 50.6 76.0



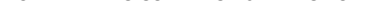
Abundance Ion 225.00 (224.70 to 225.70): E

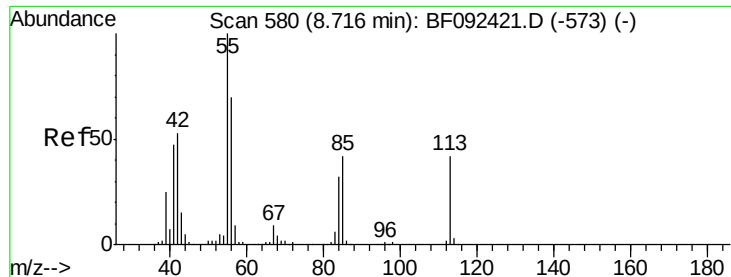
Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



Time-->

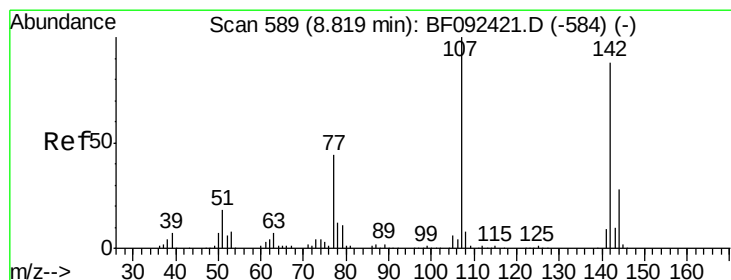
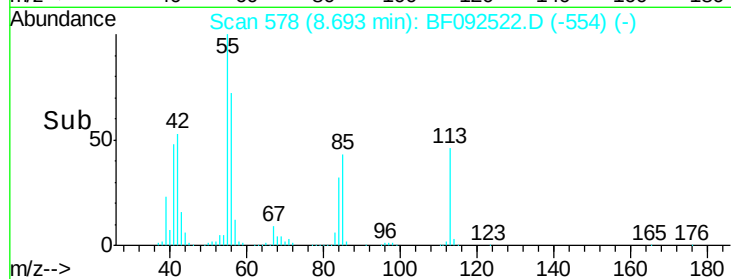
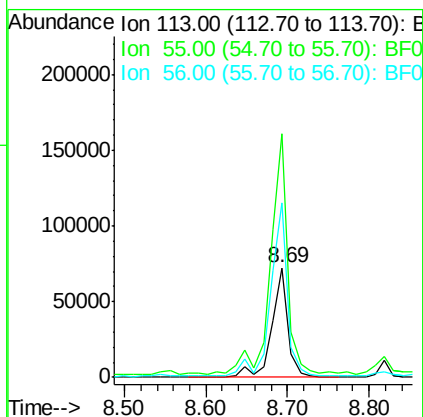
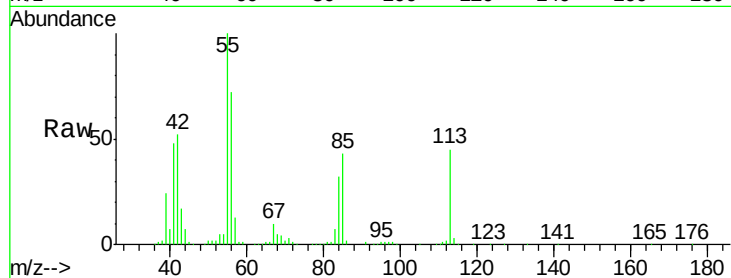




#35
 Caprolactam
 Concen: 37.96 ng
 RT: 8.69 min Scan# 578
 Delta R.T. -0.02 min
 Lab File: BF092522.D
 Acq: 26 Jan 2017 13:37

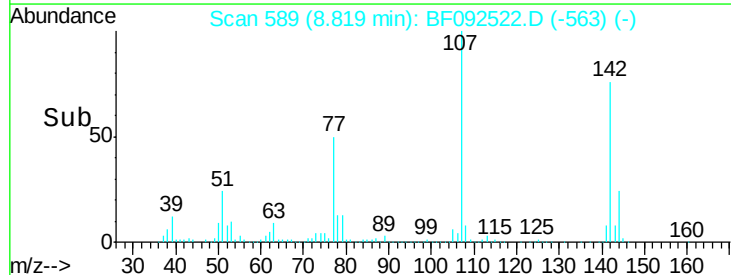
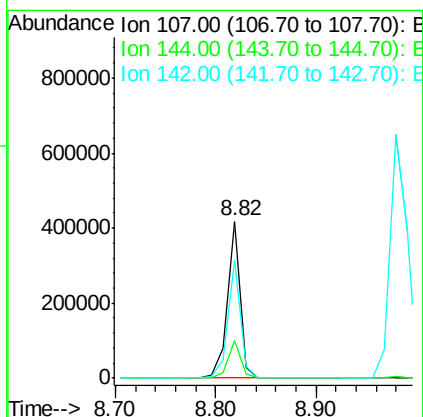
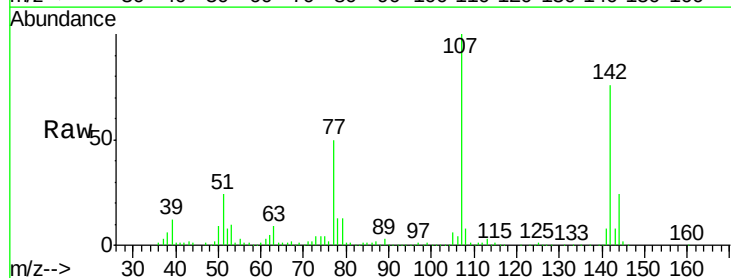
Instrument :
 BNA_F
 ClientSampleId :
 CHA-SB-01-0-2MSD

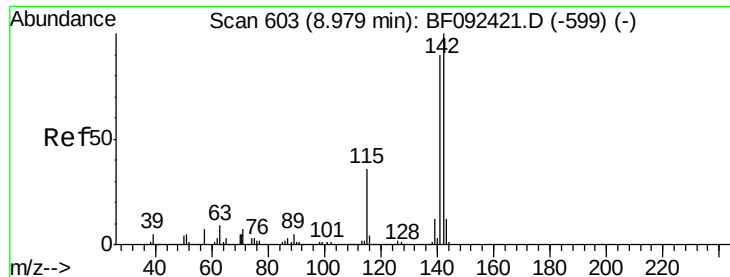
Tgt Ion:113 Resp: 100696
 Ion Ratio Lower Upper
 113 100
 55 222.3 119.2 159.2#
 56 159.5 83.8 123.8#



#36
 4-Chloro-3-methylphenol
 Concen: 42.73 ng
 RT: 8.82 min Scan# 589
 Delta R.T. -0.00 min
 Lab File: BF092522.D
 Acq: 26 Jan 2017 13:37

Tgt Ion:107 Resp: 366035
 Ion Ratio Lower Upper
 107 100
 144 24.3 19.3 28.9
 142 75.8 59.0 88.6





#37

2-Methylnaphthalene

Concen: 43.38 ng

RT: 8.98 min Scan# 603

Delta R.T. -0.00 min

Lab File: BF092522.D

Acq: 26 Jan 2017 13:37

Instrument :

BNA_F

ClientSampleId :

CHA-SB-01-0-2MSD

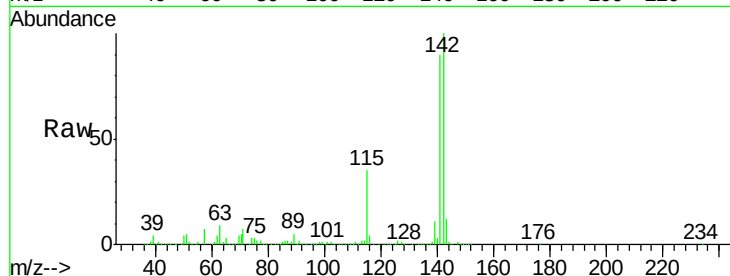
Tgt Ion:142 Resp: 770650

Ion Ratio Lower Upper

142 100

141 89.7 71.0 106.6

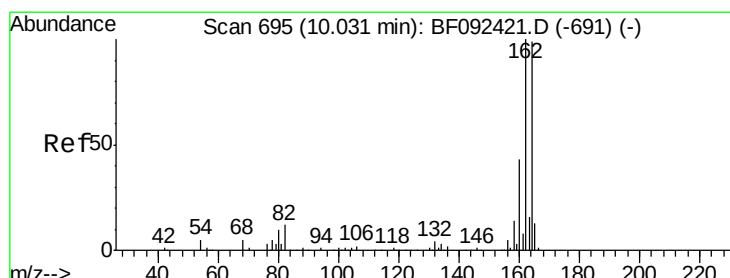
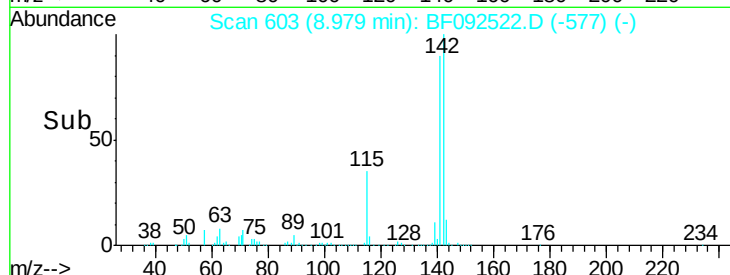
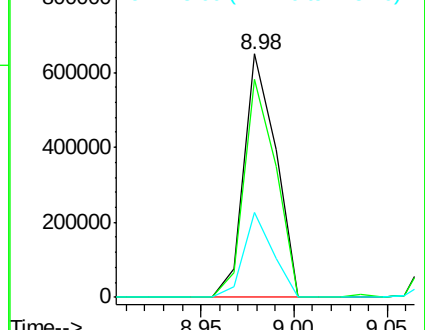
115 34.8 28.3 42.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.03 min Scan# 695

Delta R.T. -0.00 min

Lab File: BF092522.D

Acq: 26 Jan 2017 13:37

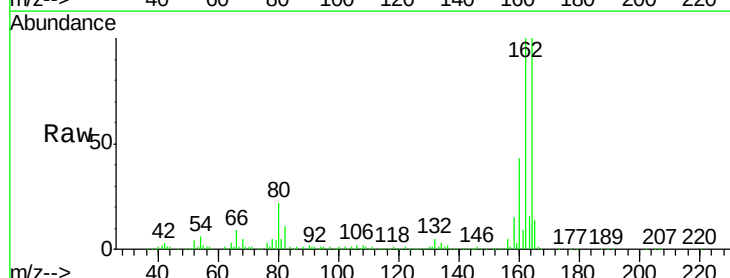
Tgt Ion:164 Resp: 263117

Ion Ratio Lower Upper

164 100

162 100.0 80.2 120.2

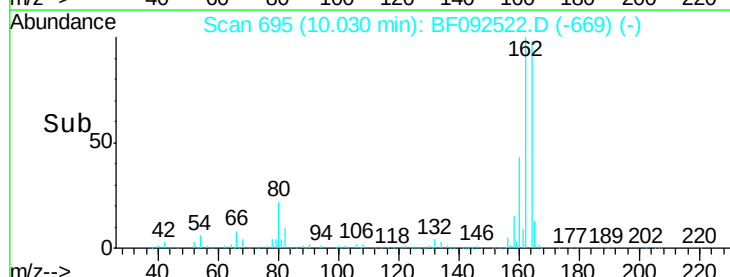
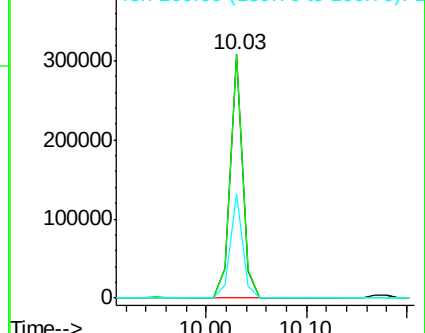
160 42.9 36.9 55.3

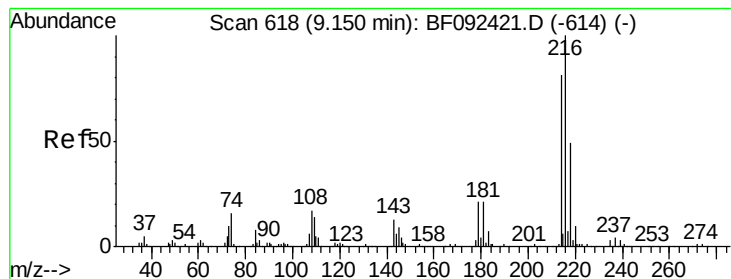


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 56.01 ng

RT: 9.15 min Scan# 618

Delta R.T. -0.00 min

Lab File: BF092522.D

Acq: 26 Jan 2017 13:37

Instrument :

BNA_F

ClientSampleId :

CHA-SB-01-0-2MSD

Tgt Ion:216 Resp: 371719

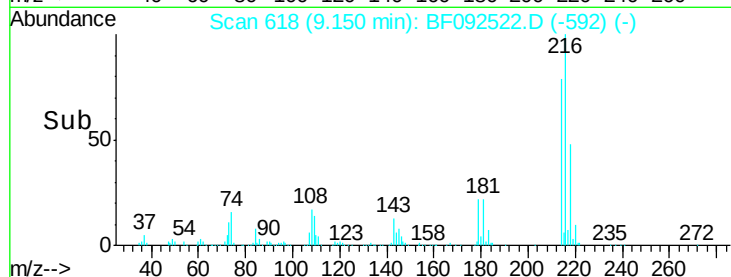
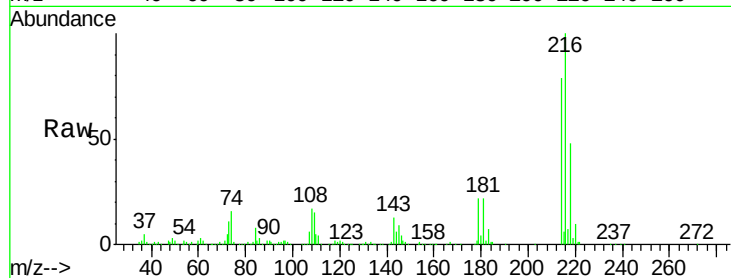
Ion Ratio Lower Upper

216 100

214 79.3 63.4 95.0

179 22.7 17.4 26.2

108 18.4 15.6 23.4

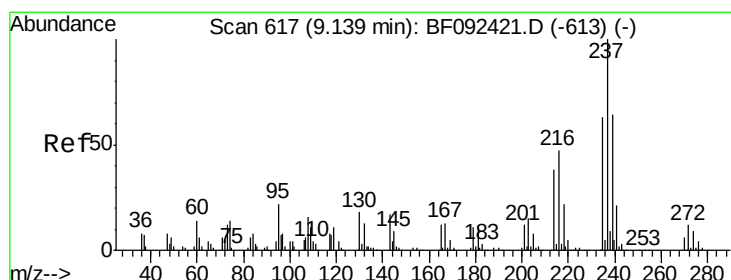
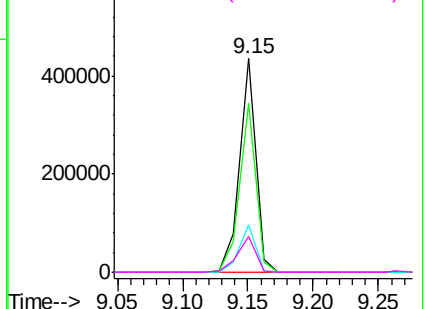


Abundance Ion 216.00 (215.70 to 216.70): E

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: 14.25 ng

RT: 9.14 min Scan# 617

Delta R.T. -0.00 min

Lab File: BF092522.D

Acq: 26 Jan 2017 13:37

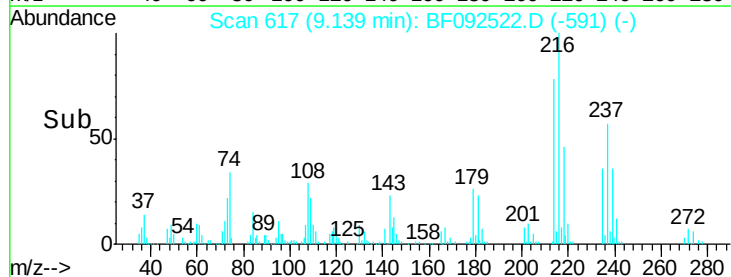
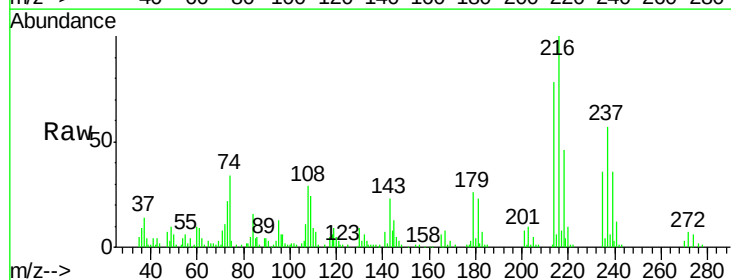
Tgt Ion:237 Resp: 47358

Ion Ratio Lower Upper

237 100

235 63.4 41.2 81.2

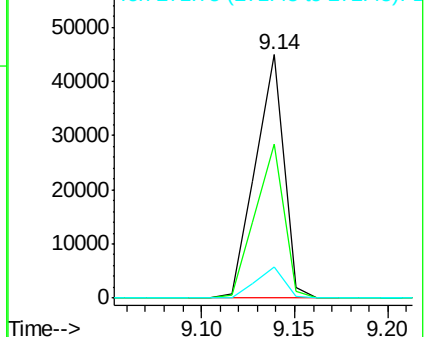
272 12.9 0.0 35.4

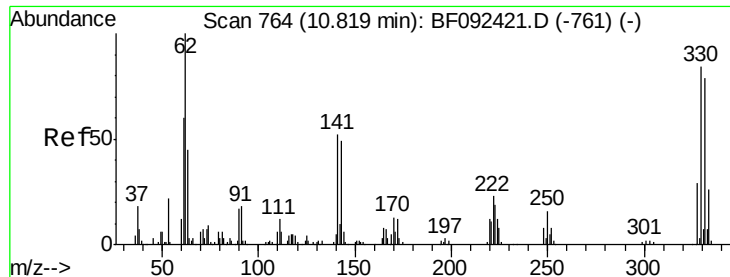


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

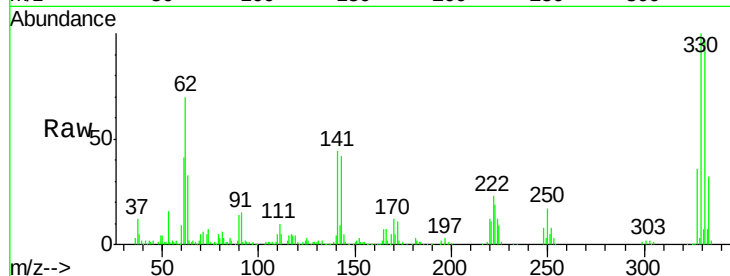




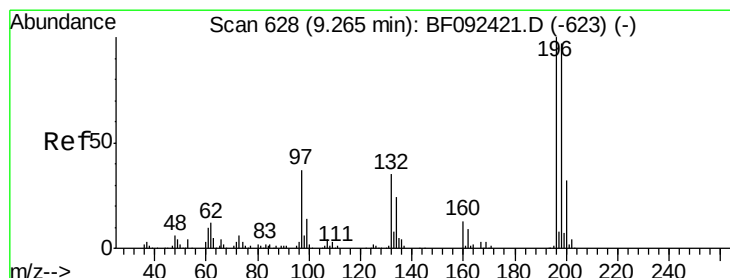
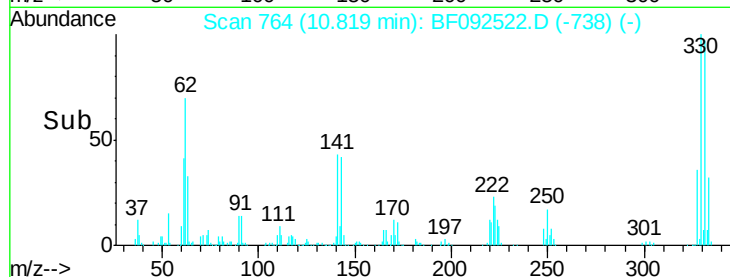
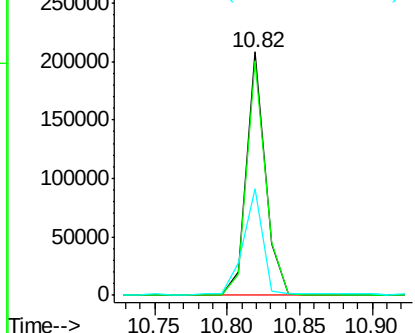
#41
 2,4,6-Tribromophenol
 Concen: 104.53 ng
 RT: 10.82 min Scan# 764
 Delta R.T. -0.00 min
 Lab File: BF092522.D
 Acq: 26 Jan 2017 13:37

Instrument :
 BNA_F
 ClientSampleId :
 CHA-SB-01-0-2MSD

Tgt Ion:330 Resp: 187432
 Ion Ratio Lower Upper
 330 100
 332 97.6 77.4 116.2
 141 45.0 34.1 51.1

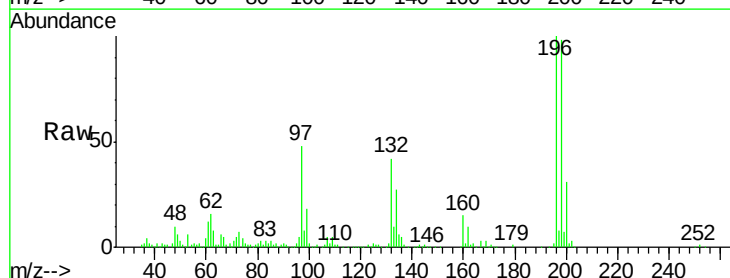


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

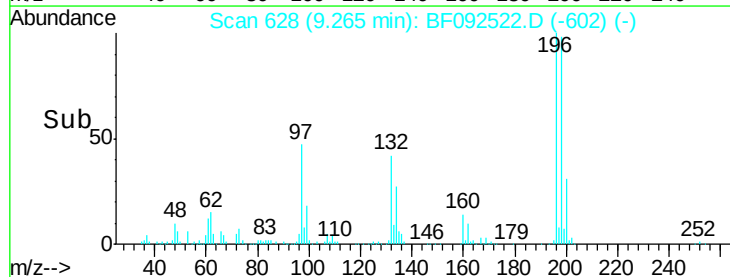
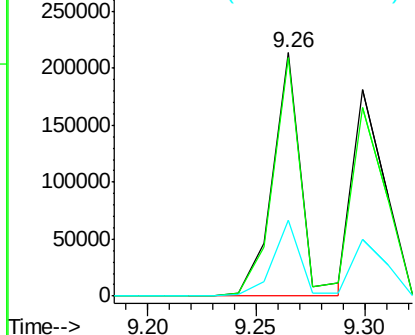


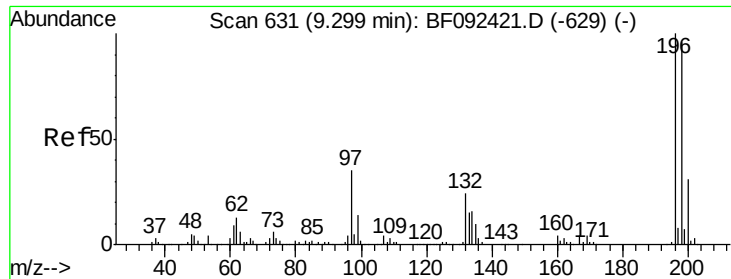
#42
 2,4,6-Trichlorophenol
 Concen: 38.16 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.00 min
 Lab File: BF092522.D
 Acq: 26 Jan 2017 13:37

Tgt Ion:196 Resp: 194030
 Ion Ratio Lower Upper
 196 100
 198 97.9 82.1 123.1
 200 31.3 27.0 40.4



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

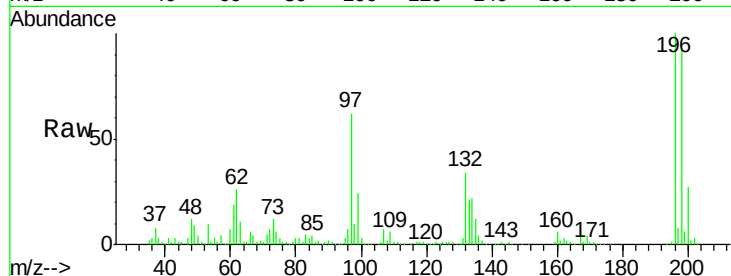




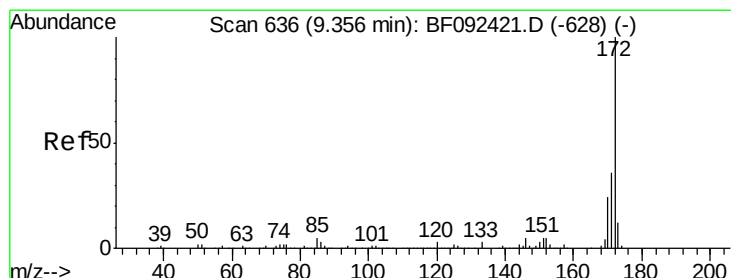
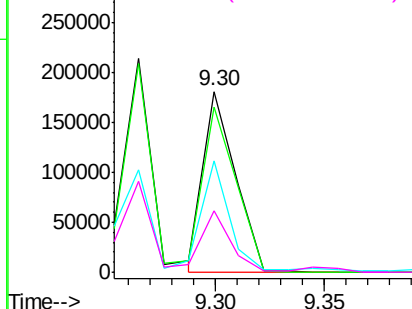
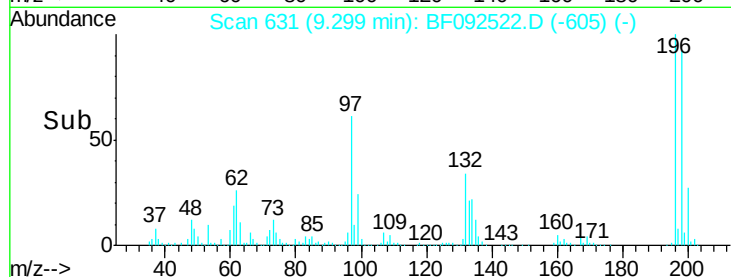
#43
 2,4,5-Trichlorophenol
 Concen: 39.90 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.00 min
 Lab File: BF092522.D
 Acq: 26 Jan 2017 13:37

Instrument :
 BNA_F
 ClientSampleId :
 CHA-SB-01-0-2MSD

Tgt Ion:196 Resp: 185652
 Ion Ratio Lower Upper
 196 100
 198 91.6 79.4 119.2
 97 61.5 51.5 77.3
 132 33.8 27.4 41.2

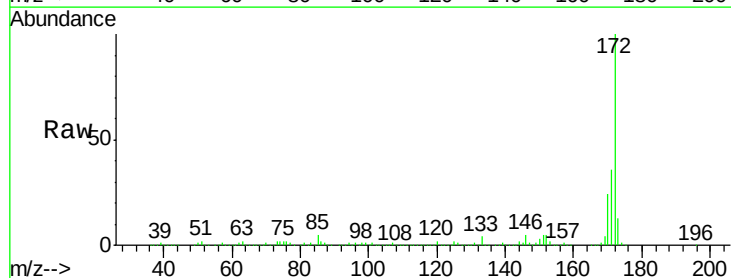


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

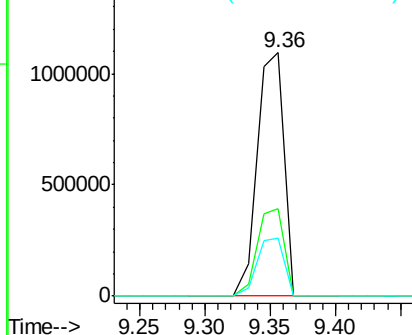
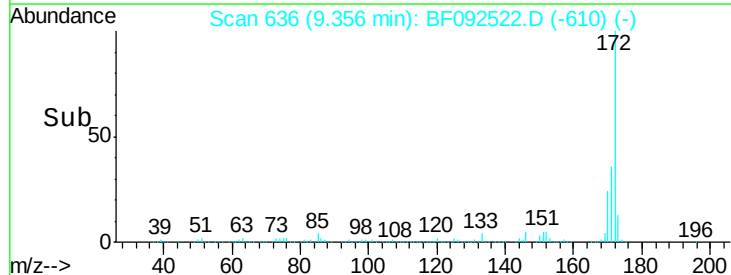


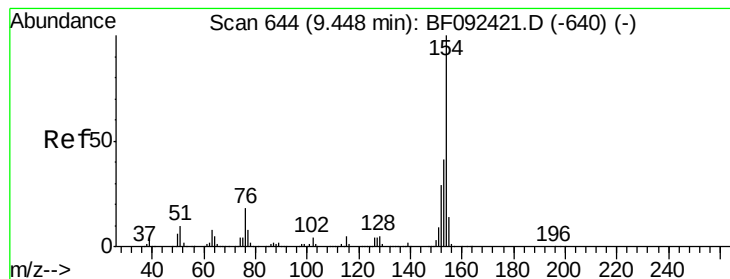
#44
 2-Fluorobiphenyl
 Concen: 110.05 ng
 RT: 9.36 min Scan# 636
 Delta R.T. -0.00 min
 Lab File: BF092522.D
 Acq: 26 Jan 2017 13:37

Tgt Ion:172 Resp: 1565911
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.4 44.0
 170 24.0 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: 47.61 ng

RT: 9.45 min Scan# 644

Delta R.T. -0.00 min

Lab File: BF092522.D

Acq: 26 Jan 2017 13:37

Instrument :

BNA_F

ClientSampleId :

CHA-SB-01-0-2MSD

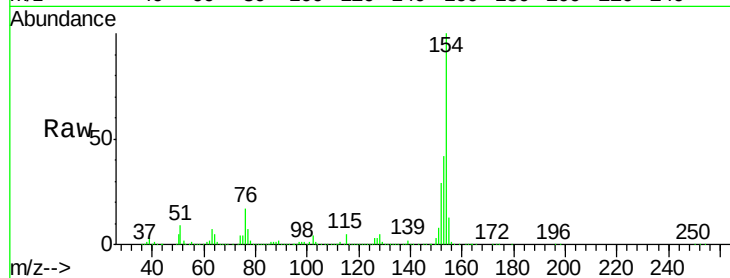
Tgt Ion:154 Resp: 905467

Ion Ratio Lower Upper

154 100

153 41.5 20.9 60.9

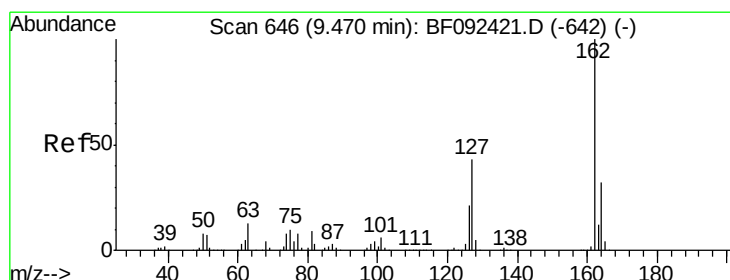
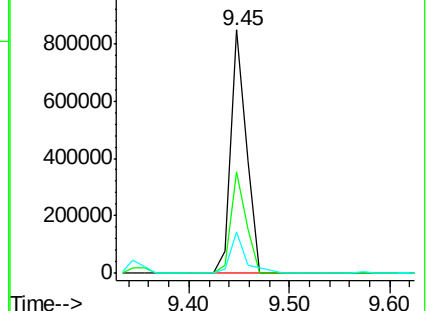
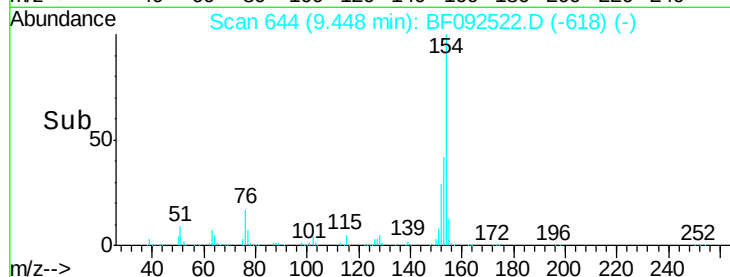
76 16.8 0.0 30.5



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: 45.65 ng

RT: 9.48 min Scan# 647

Delta R.T. 0.01 min

Lab File: BF092522.D

Acq: 26 Jan 2017 13:37

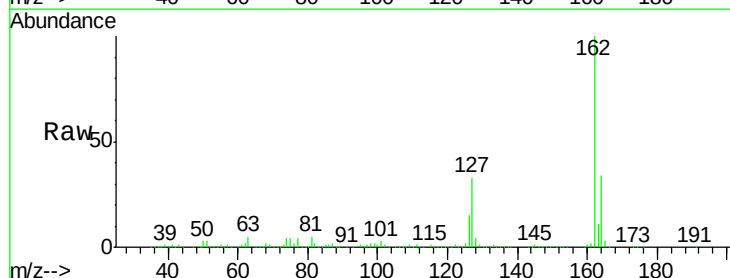
Tgt Ion:162 Resp: 709238

Ion Ratio Lower Upper

162 100

127 32.5 30.7 46.1

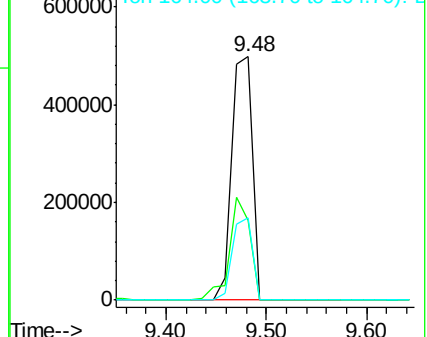
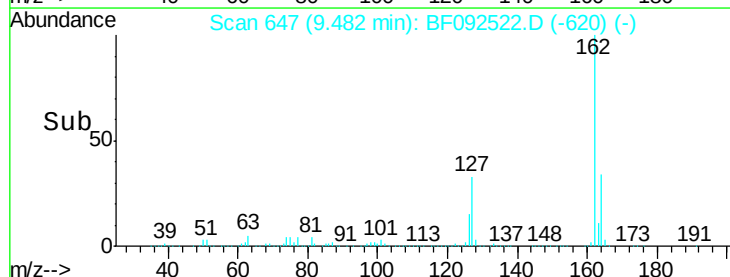
164 33.9 27.6 41.4

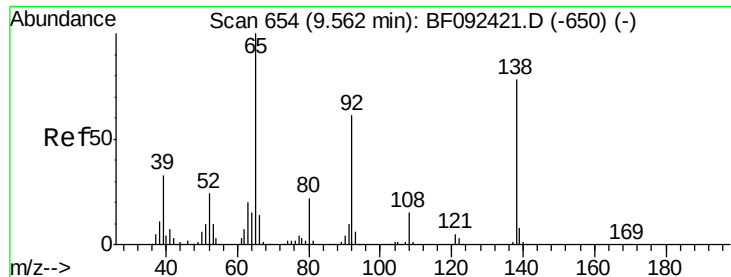


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 49.45 ng

RT: 9.57 min Scan# 655

Delta R.T. 0.01 min

Lab File: BF092522.D

Acq: 26 Jan 2017 13:37

Instrument :

BNA_F

ClientSampleId :

CHA-SB-01-0-2MSD

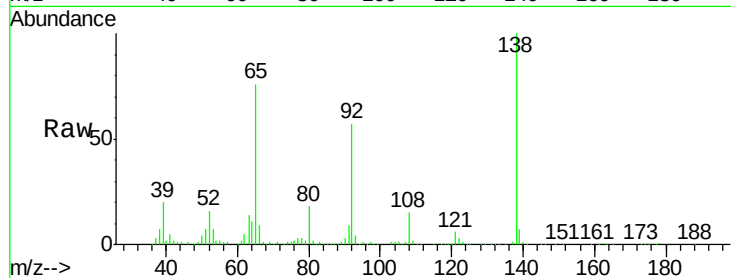
Tgt Ion: 65 Resp: 258709

Ion Ratio Lower Upper

65 100

92 74.8 53.9 80.9

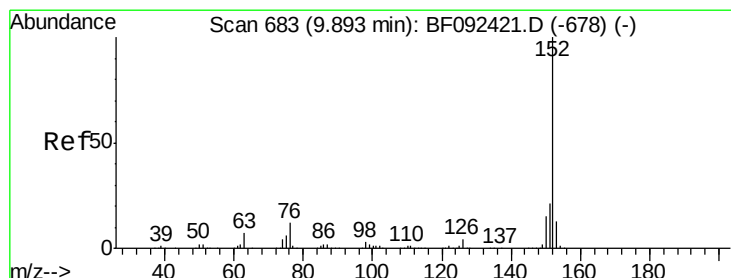
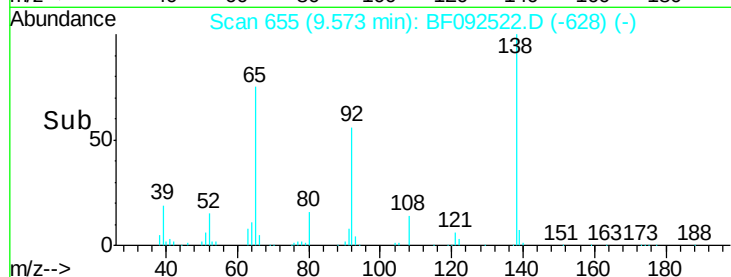
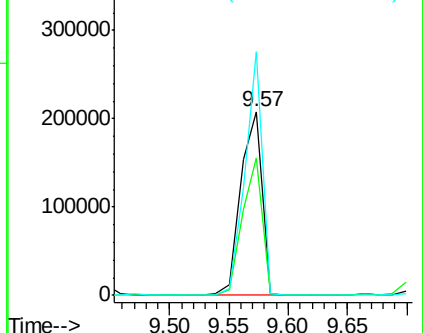
138 132.3 76.8 115.2#



Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E



#48

Acenaphthylene

Concen: 48.59 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.00 min

Lab File: BF092522.D

Acq: 26 Jan 2017 13:37

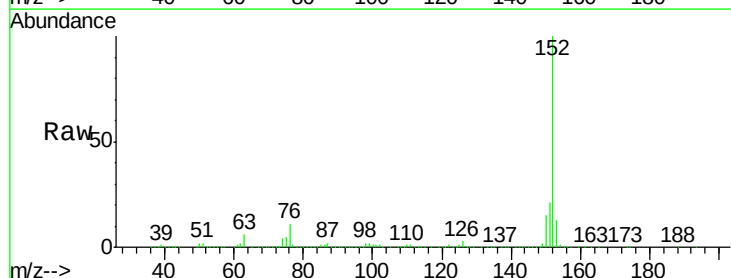
Tgt Ion: 152 Resp: 1107164

Ion Ratio Lower Upper

152 100

151 20.5 16.9 25.3

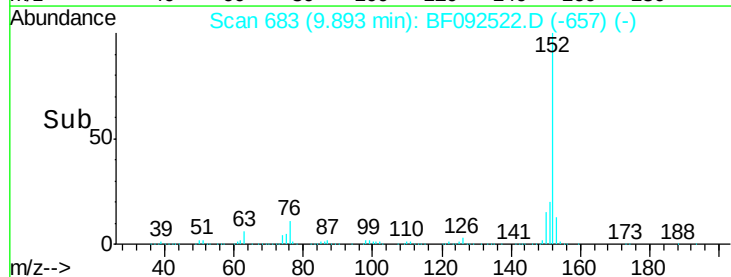
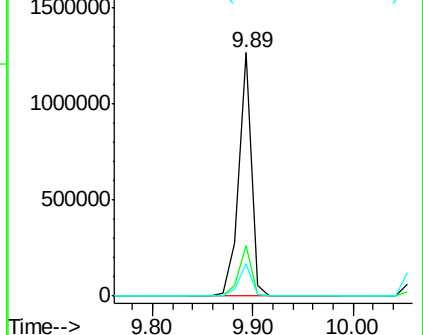
153 13.3 11.4 17.2

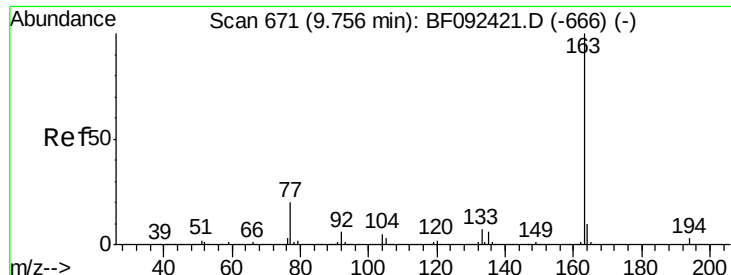


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

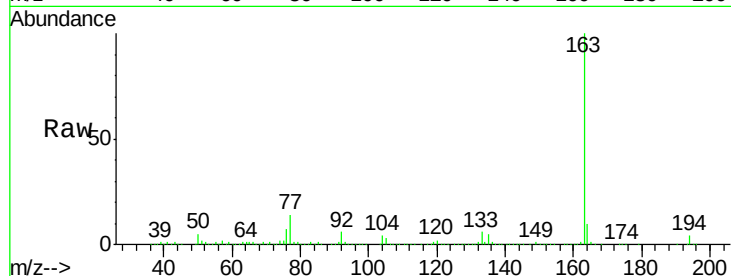




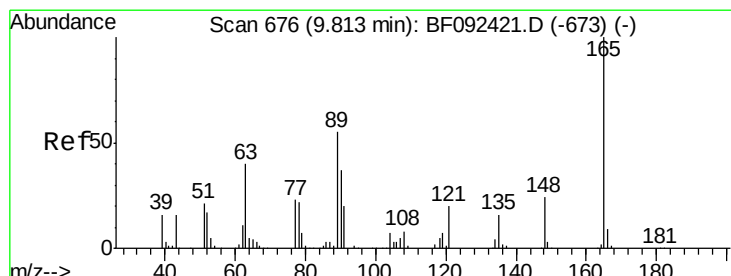
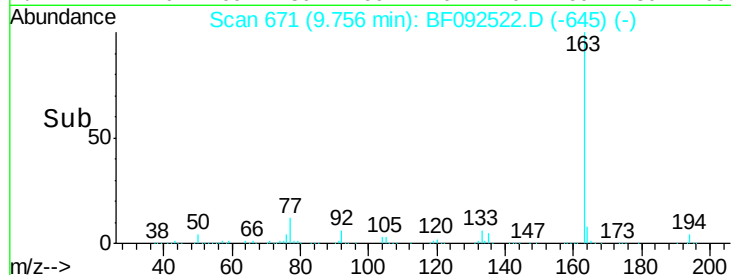
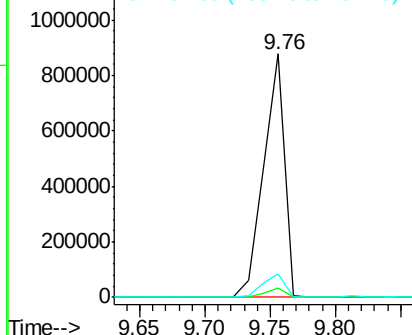
#49
Dimethylphthalate
Concen: 58.50 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.00 min
Lab File: BF092522.D
Acq: 26 Jan 2017 13:37

Instrument :
BNA_F
ClientSampleId :
CHA-SB-01-0-2MSD

Tgt Ion:163 Resp: 978853
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.4
164 9.8 8.0 12.0

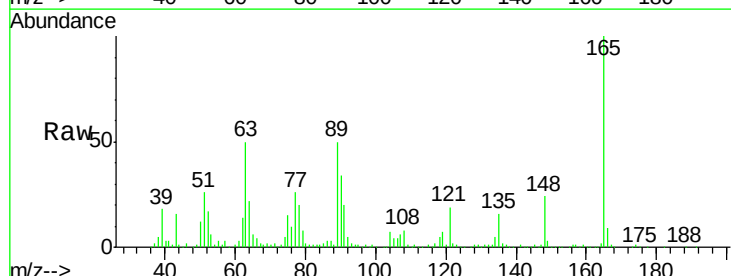


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

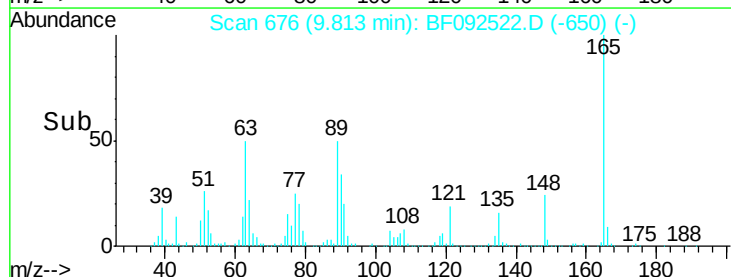
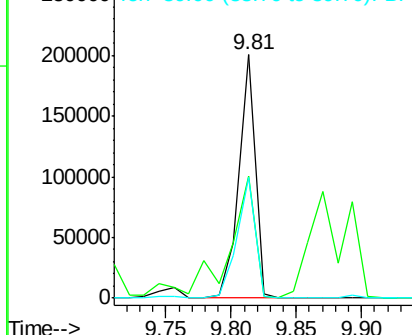


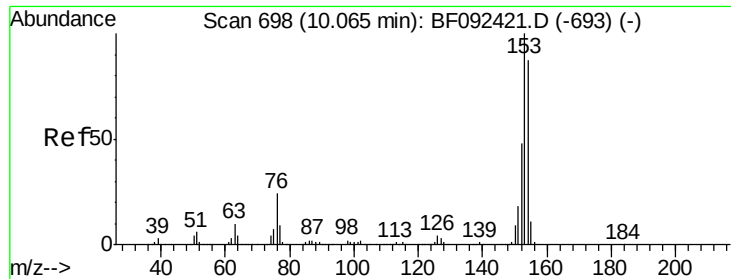
#50
2,6-Dinitrotoluene
Concen: 50.62 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.00 min
Lab File: BF092522.D
Acq: 26 Jan 2017 13:37

Tgt Ion:165 Resp: 173115
Ion Ratio Lower Upper
165 100
63 50.2 36.2 54.4
89 49.6 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: 44.09 ng

RT: 10.06 min Scan# 698

Delta R.T. -0.00 min

Lab File: BF092522.D

Acq: 26 Jan 2017 13:37

Instrument :

BNA_F

ClientSampleId :

CHA-SB-01-0-2MSD

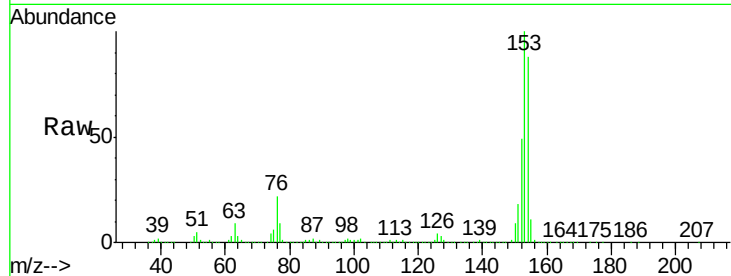
Tgt Ion:154 Resp: 624220

Ion Ratio Lower Upper

154 100

153 113.4 88.6 133.0

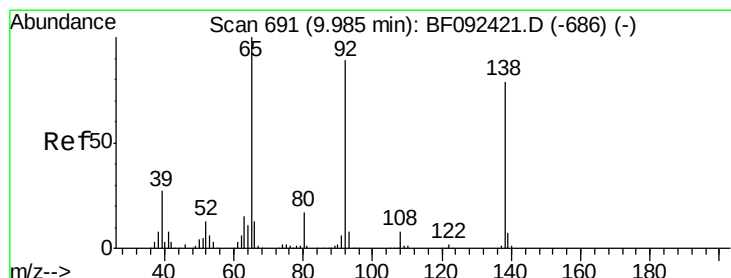
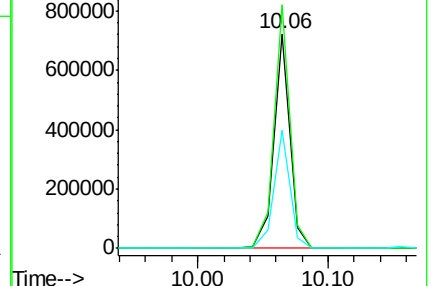
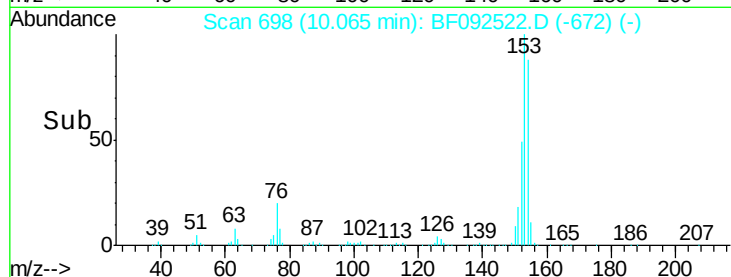
152 55.2 41.6 62.4



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: 49.53 ng

RT: 9.98 min Scan# 691

Delta R.T. -0.00 min

Lab File: BF092522.D

Acq: 26 Jan 2017 13:37

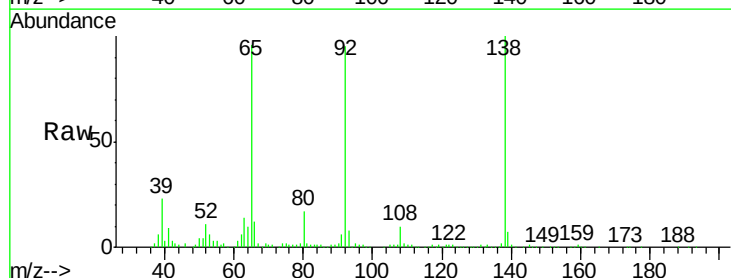
Tgt Ion:138 Resp: 212154

Ion Ratio Lower Upper

138 100

108 10.3 8.5 12.7

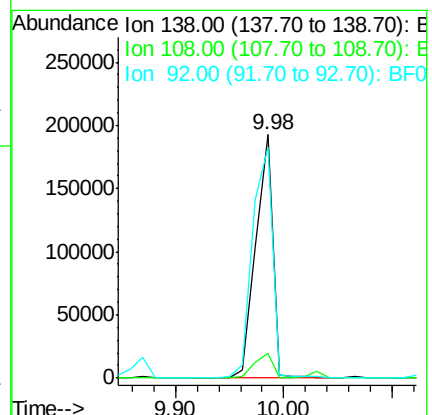
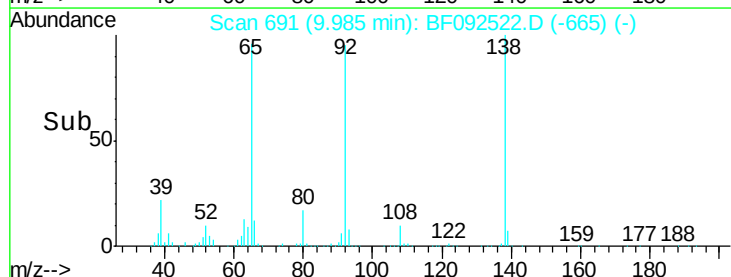
92 95.0 97.8 146.8#

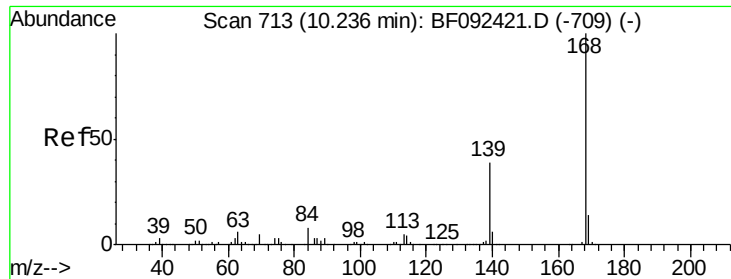


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

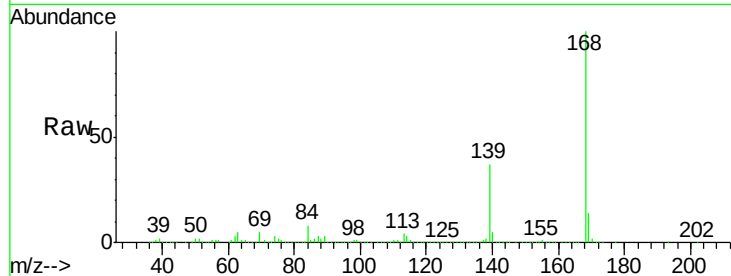




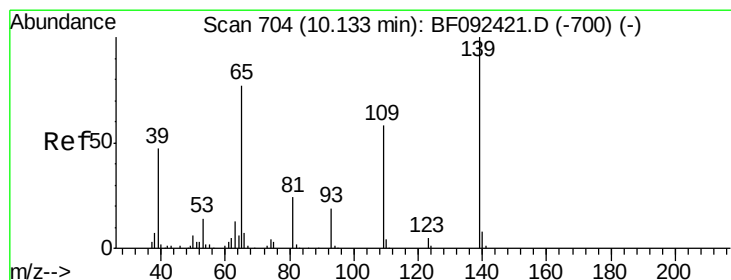
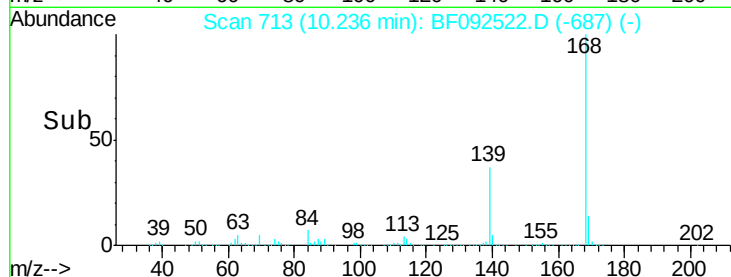
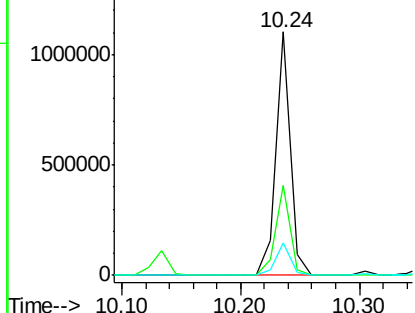
#54
Dibenzenofuran
Concen: 48.63 ng
RT: 10.24 min Scan# 713
Delta R.T. -0.00 min
Lab File: BF092522.D
Acq: 26 Jan 2017 13:37

Instrument :
BNA_F
ClientSampleId :
CHA-SB-01-0-2MSD

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.7	32.6	49.0
169	13.6	11.3	16.9

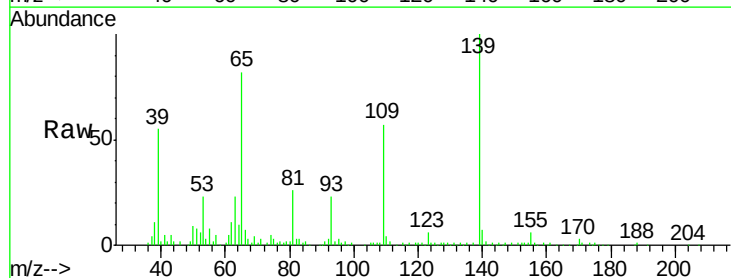


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

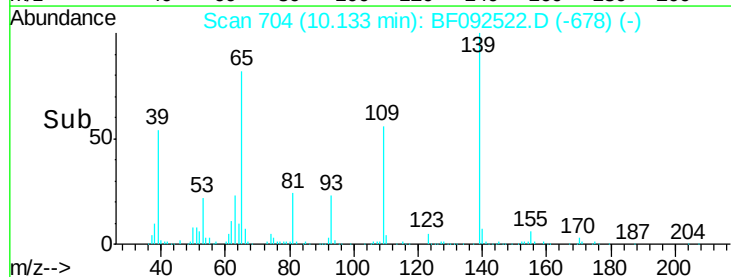
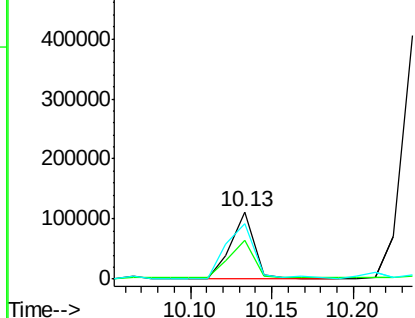


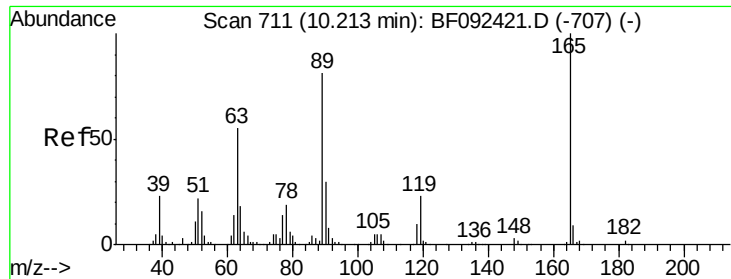
#55
4-Nitrophenol
Concen: 32.40 ng
RT: 10.13 min Scan# 704
Delta R.T. -0.00 min
Lab File: BF092522.D
Acq: 26 Jan 2017 13:37

Tgt Ion	Ratio	Lower	Upper
139	100		
109	56.9	52.2	92.2
65	82.1	85.8	125.8#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

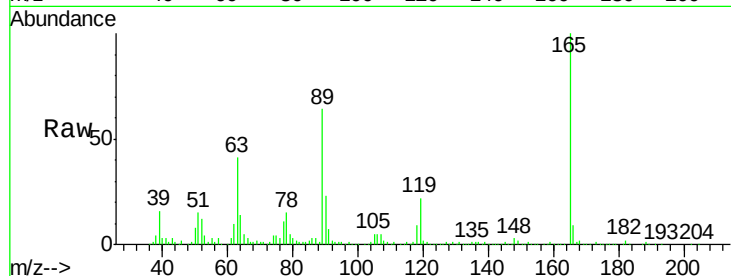




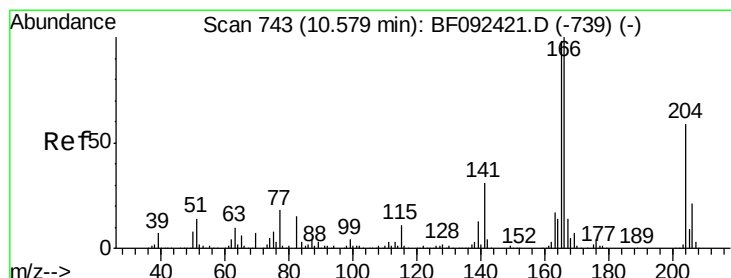
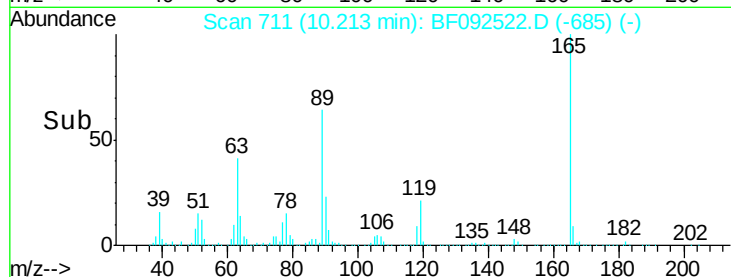
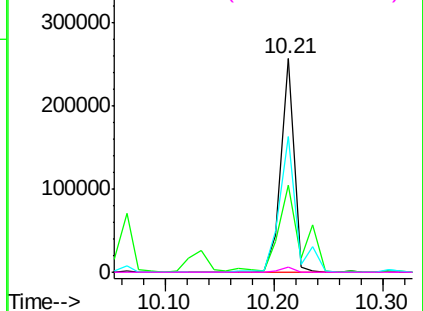
#56
 2,4-Dinitrotoluene
 Concen: 46.91 ng
 RT: 10.21 min Scan# 711
 Delta R.T. -0.00 min
 Lab File: BF092522.D
 Acq: 26 Jan 2017 13:37

Instrument :
 BNA_F
 ClientSampleId :
 CHA-SB-01-0-2MSD

Tgt Ion:	165	Resp:	212935
Ion	Ratio	Lower	Upper
165	100		
63	41.0	40.2	60.4
89	63.8	62.5	93.7
182	2.2	1.8	2.8

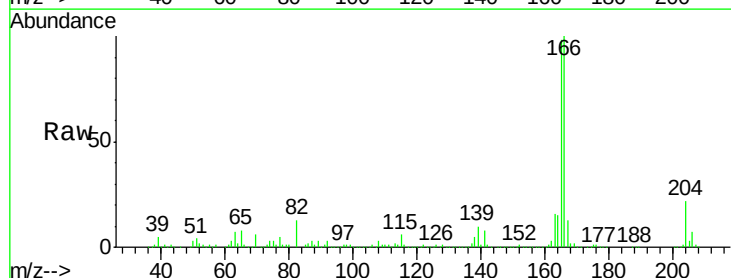


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

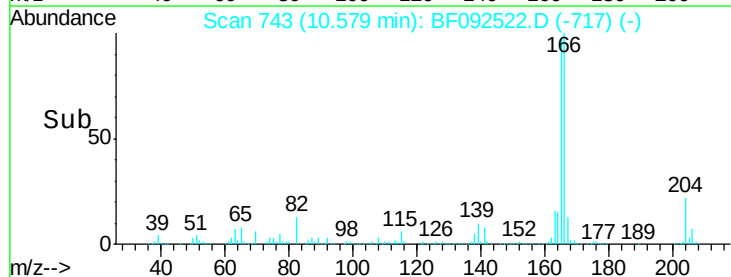
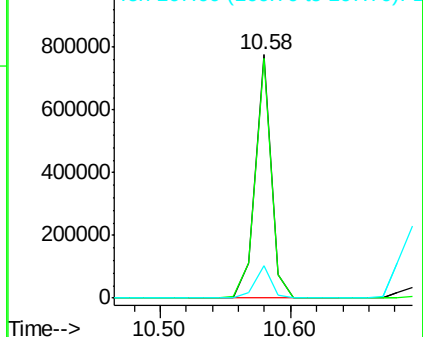


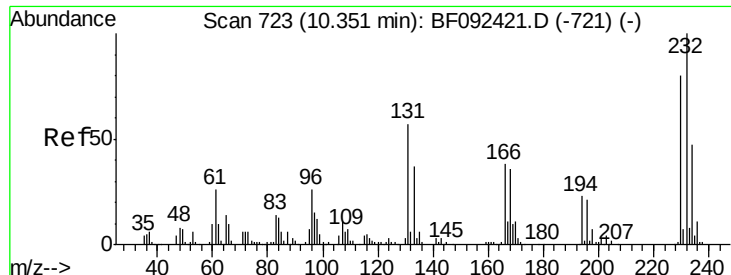
#57
 Fluorene
 Concen: 46.60 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.00 min
 Lab File: BF092522.D
 Acq: 26 Jan 2017 13:37

Tgt Ion:	166	Resp:	664335
Ion	Ratio	Lower	Upper
166	100		
165	98.4	77.8	116.8
167	13.3	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

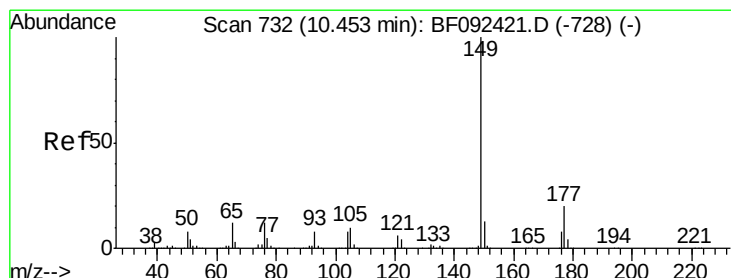
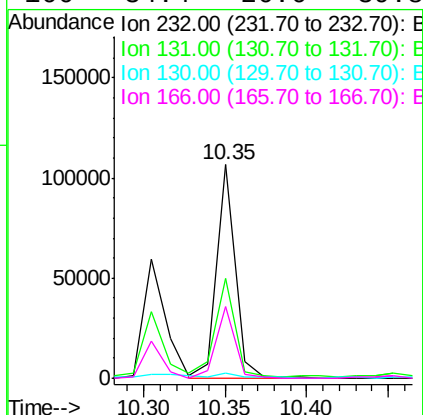
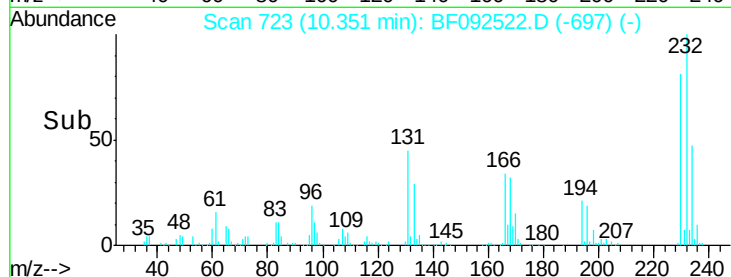
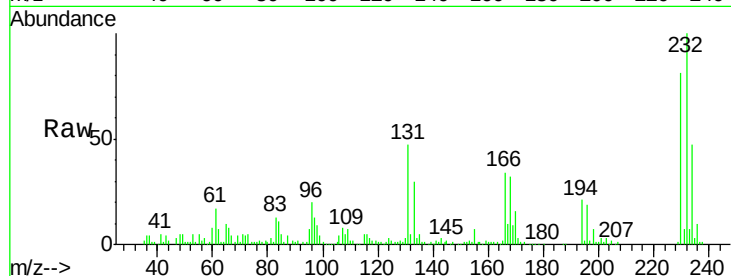




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 24.39 ng
 RT: 10.35 min Scan# 723
 Delta R.T. -0.00 min
 Lab File: BF092522.D
 Acq: 26 Jan 2017 13:37

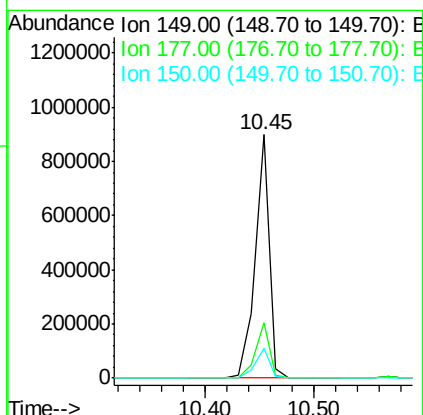
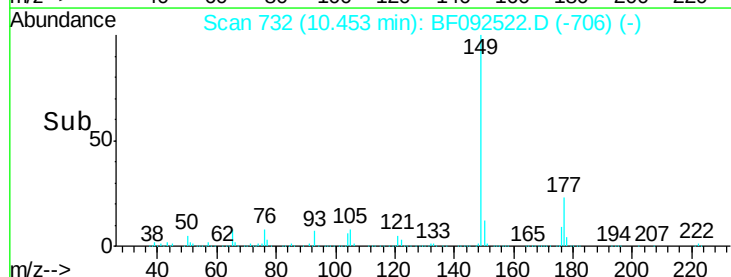
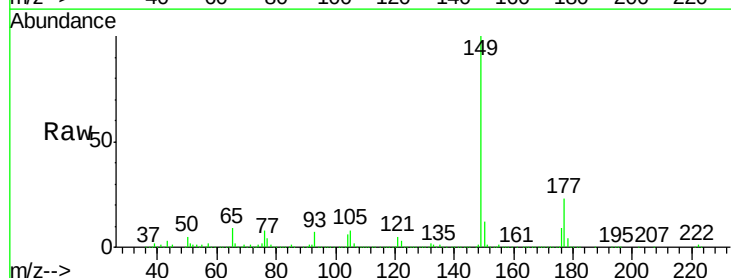
Instrument :
 BNA_F
 ClientSampleId :
 CHA-SB-01-0-2MSD

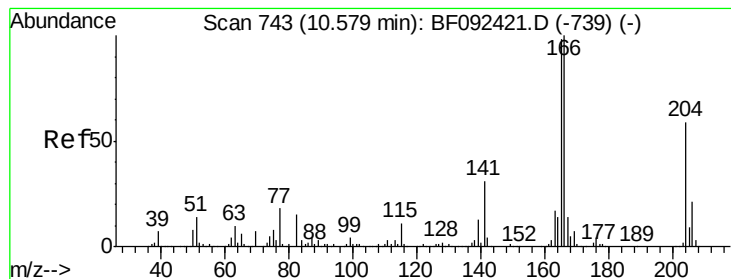
Tgt Ion	Ratio	Lower	Upper
232	100		
131	47.6	40.1	60.1
130	0.0	1.8	2.8
166	34.4	26.6	39.8



#59
 Diethylphthalate
 Concen: 50.53 ng
 RT: 10.45 min Scan# 732
 Delta R.T. -0.00 min
 Lab File: BF092522.D
 Acq: 26 Jan 2017 13:37

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.8	16.6	25.0
150	12.4	10.4	15.6





#60

4-Chlorophenyl-phenylether

Concen: 45.05 ng

RT: 10.57 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF092522.D

Acq: 26 Jan 2017 13:37

Instrument :

BNA_F

ClientSampleId :

CHA-SB-01-0-2MSD

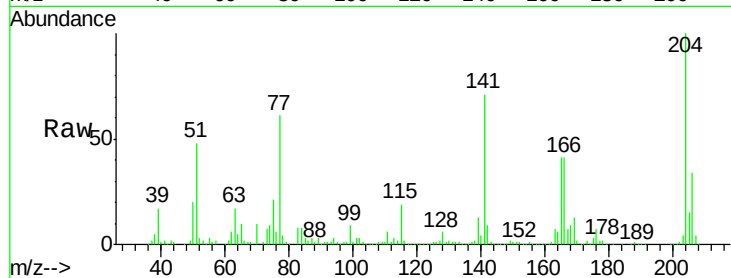
Tgt Ion:204 Resp: 311435

Ion Ratio Lower Upper

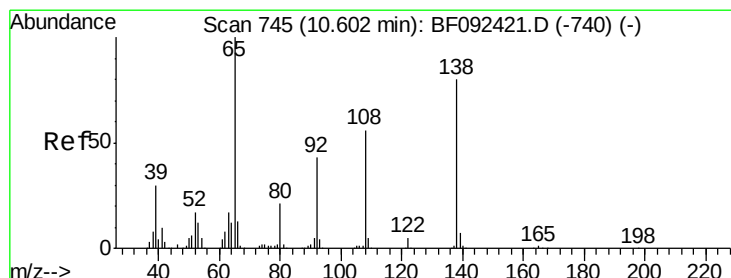
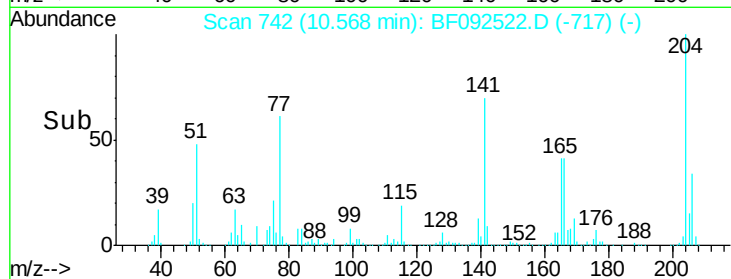
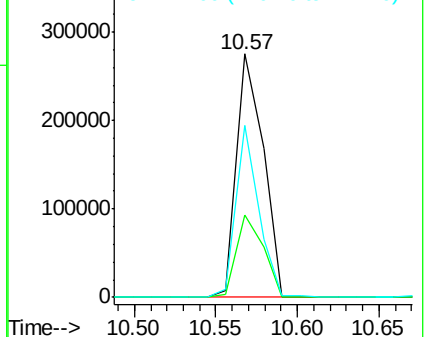
204 100

206 34.0 25.8 38.6

141 70.8 59.4 89.0



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E



#61

4-Nitroaniline

Concen: 40.09 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF092522.D

Acq: 26 Jan 2017 13:37

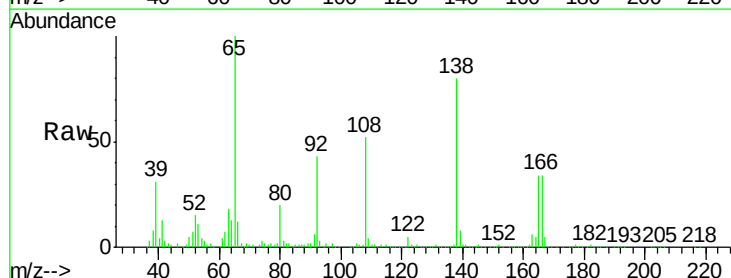
Tgt Ion:138 Resp: 171762

Ion Ratio Lower Upper

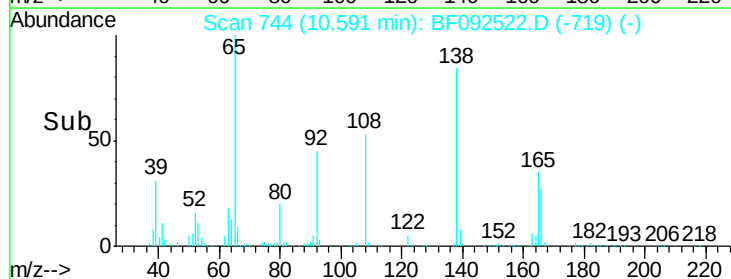
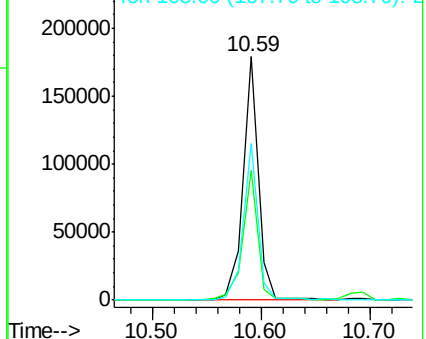
138 100

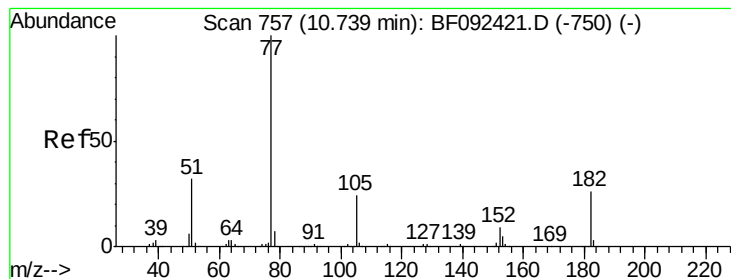
92 53.4 31.7 71.7

108 64.4 52.6 92.6



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





#62

Azobenzene

Concen: 44.44 ng

RT: 10.73 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF092522.D

Acq: 26 Jan 2017 13:37

Instrument :

BNA_F

ClientSampleId :

CHA-SB-01-0-2MSD

Tgt Ion: 77 Resp: 811287

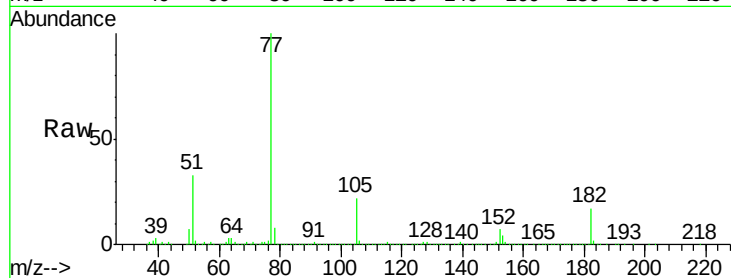
Ion Ratio Lower Upper

77 100

182 17.4 0.0 39.3

105 21.7 2.3 42.3

51 33.5 8.9 48.9

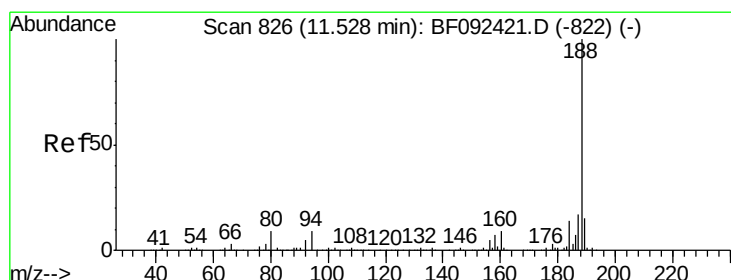
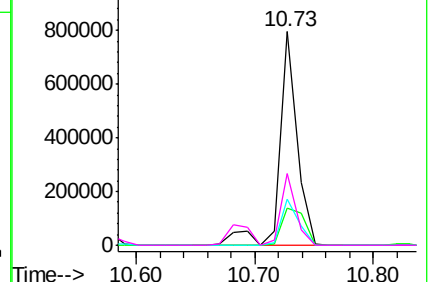
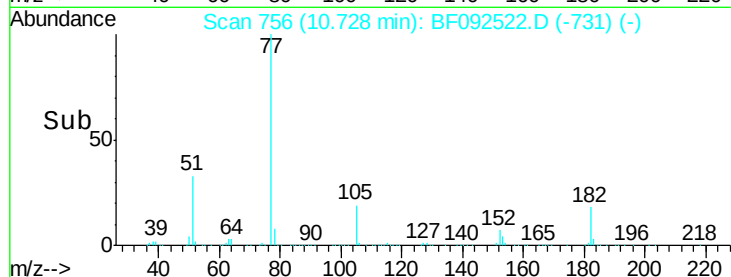


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.52 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF092522.D

Acq: 26 Jan 2017 13:37

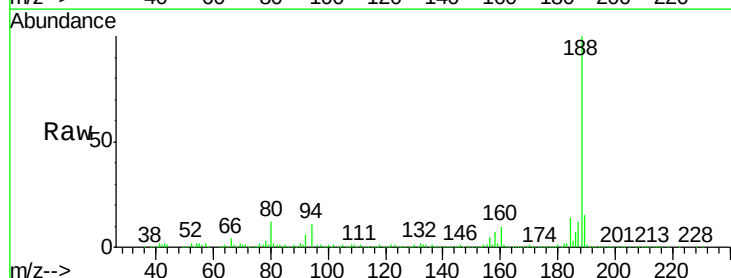
Tgt Ion: 188 Resp: 375947

Ion Ratio Lower Upper

188 100

94 11.1 10.0 15.0

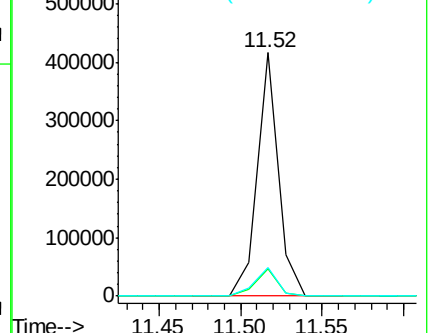
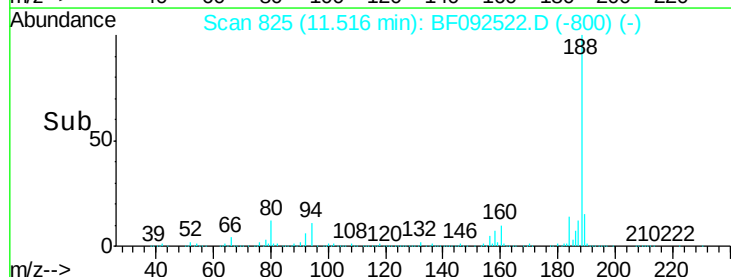
80 11.9 11.2 16.8

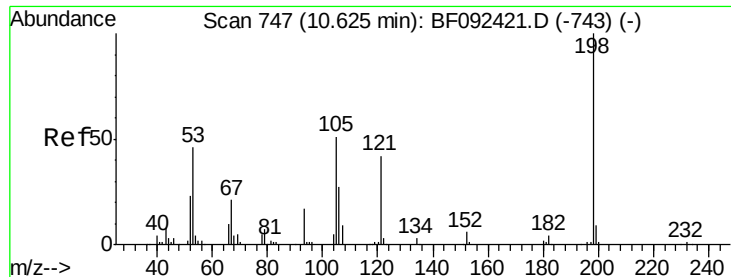


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

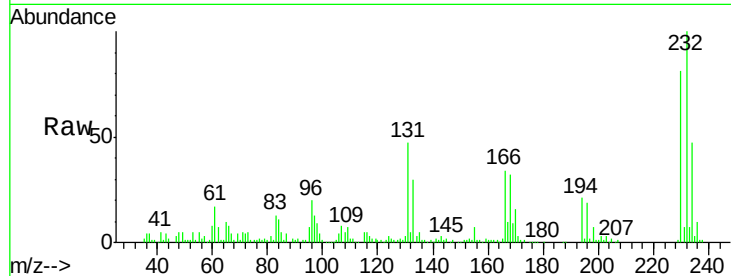




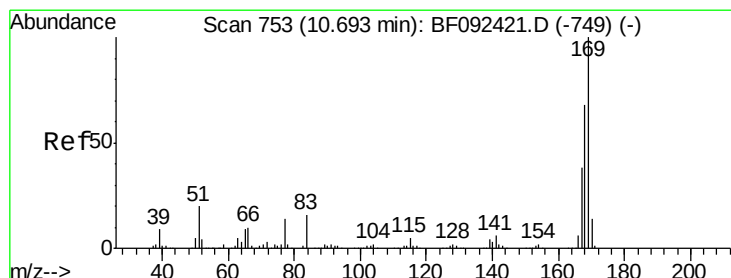
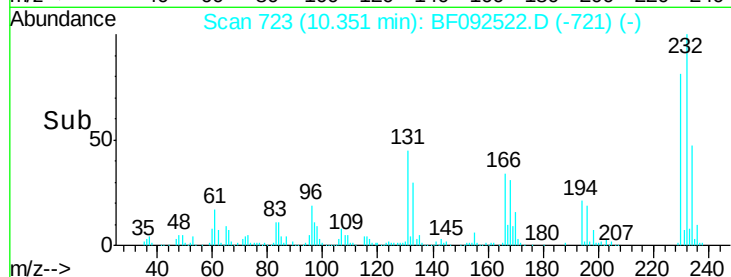
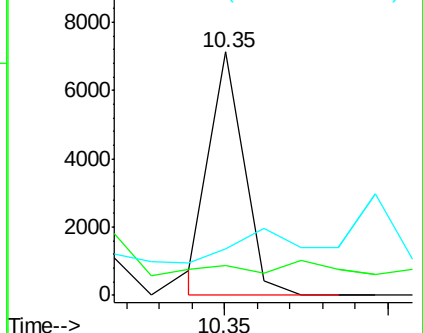
#64
4,6-Dinitro-2-methylphenol
Concen: 7.24 ng
RT: 10.35 min Scan# 723
Delta R.T. -0.27 min
Lab File: BF092522.D
Acq: 26 Jan 2017 13:37

Instrument :
BNA_F
ClientSampleId :
CHA-SB-01-0-2MSD

Tgt Ion:198 Resp: 5175
Ion Ratio Lower Upper
198 100
51 12.2 6.7 46.7
105 19.0 16.6 56.6

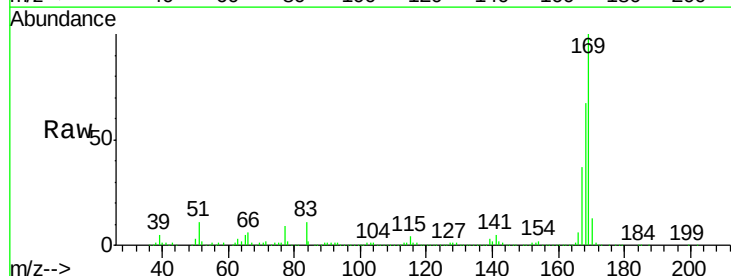


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

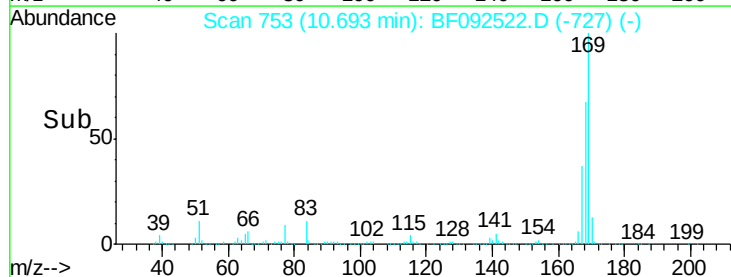
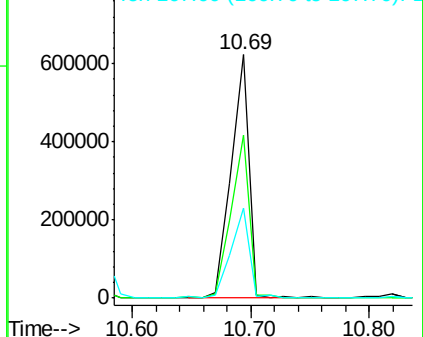


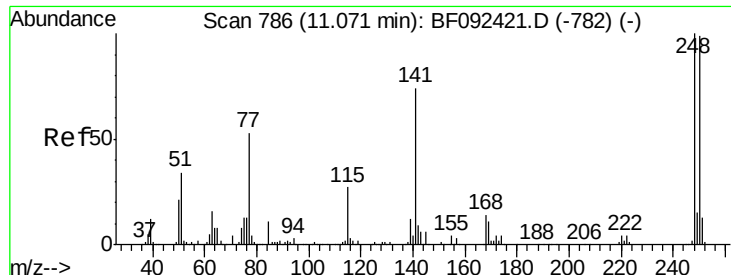
#65
n-Nitrosodiphenylamine
Concen: 55.32 ng
RT: 10.69 min Scan# 753
Delta R.T. -0.00 min
Lab File: BF092522.D
Acq: 26 Jan 2017 13:37

Tgt Ion:169 Resp: 649520
Ion Ratio Lower Upper
169 100
168 66.7 54.2 81.2
167 37.0 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

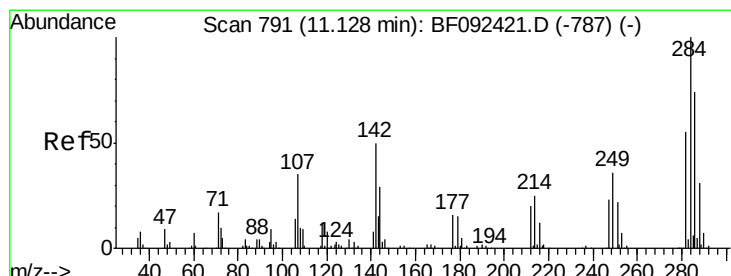
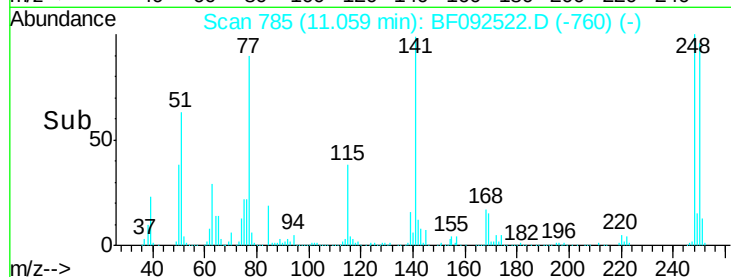
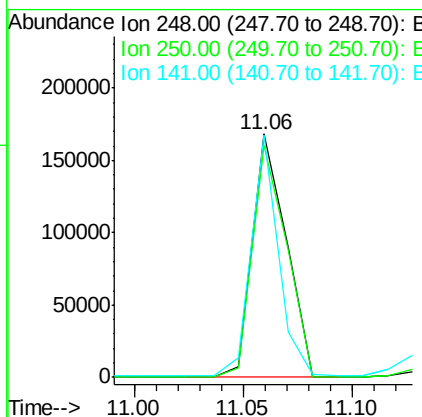
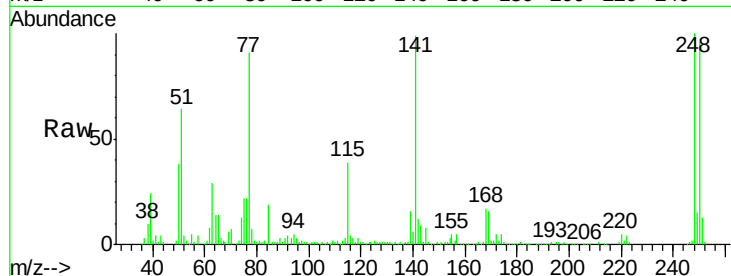




#66
4-Bromophenyl-phenylether
Concen: 47.96 ng
RT: 11.06 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF092522.D
Acq: 26 Jan 2017 13:37

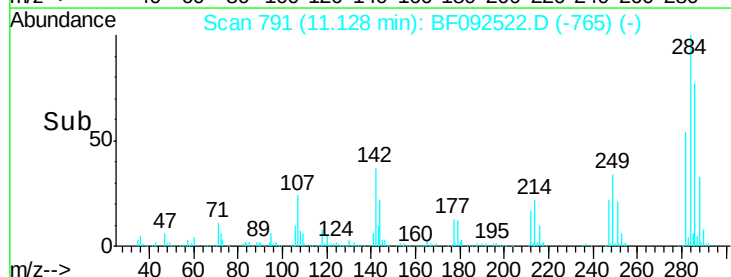
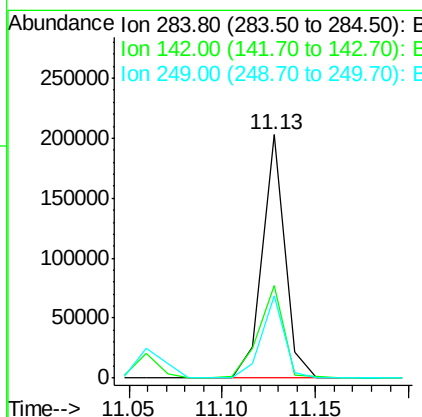
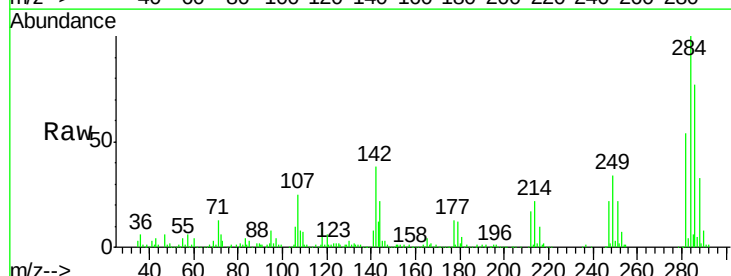
Instrument :
BNA_F
ClientSampleId :
CHA-SB-01-0-2MSD

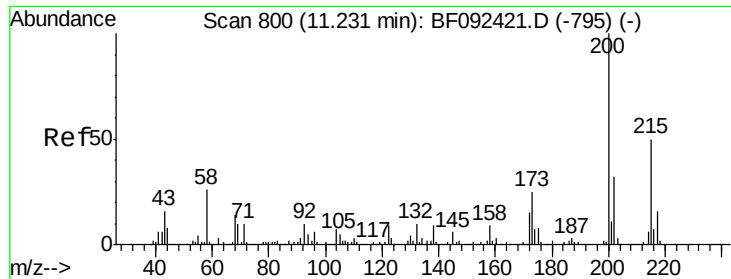
Tgt Ion:248 Resp: 182037
Ion Ratio Lower Upper
248 100
250 95.5 76.9 115.3
141 99.4 68.2 102.4



#67
Hexachlorobenzene
Concen: 44.98 ng
RT: 11.13 min Scan# 791
Delta R.T. -0.00 min
Lab File: BF092522.D
Acq: 26 Jan 2017 13:37

Tgt Ion:284 Resp: 172572
Ion Ratio Lower Upper
284 100
142 37.8 22.6 33.8#
249 33.9 25.4 38.0

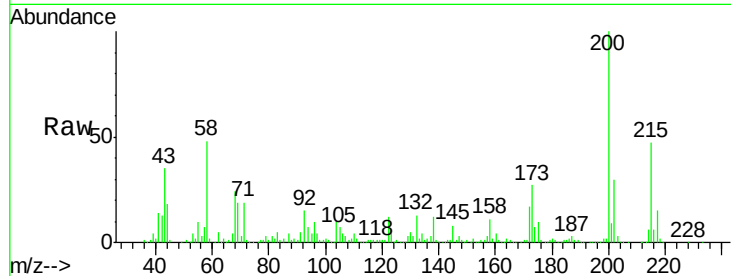




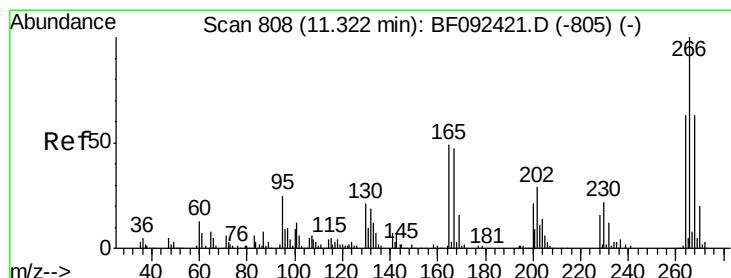
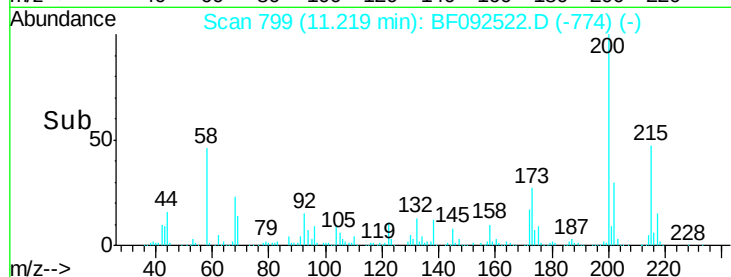
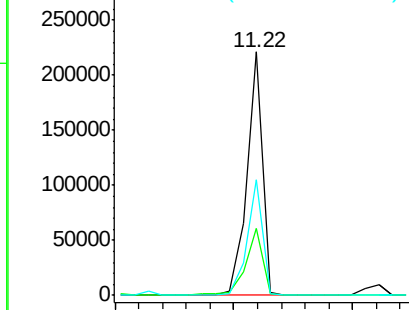
#68
 Atrazine
 Concen: 50.71 ng
 RT: 11.22 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BF092522.D
 Acq: 26 Jan 2017 13:37

Instrument :
 BNA_F
 ClientSampleId :
 CHA-SB-01-0-2MSD

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.4	9.6	49.6
215	47.4	25.7	65.7

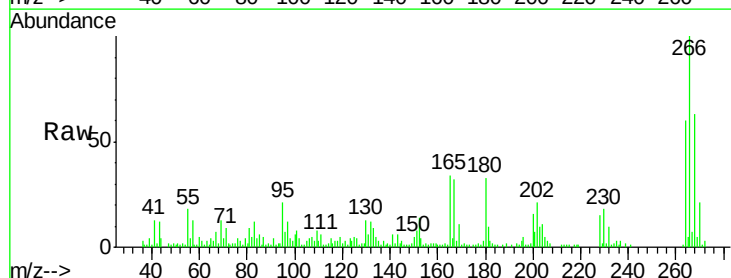


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

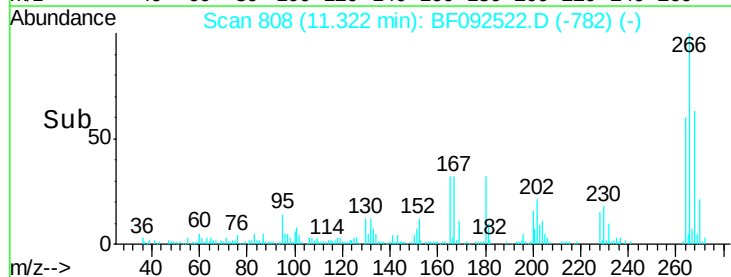
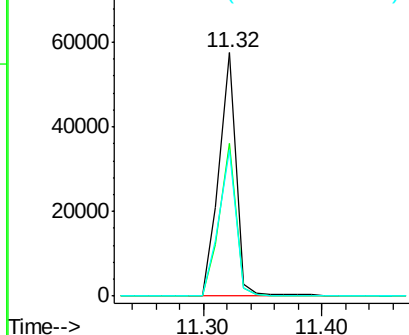


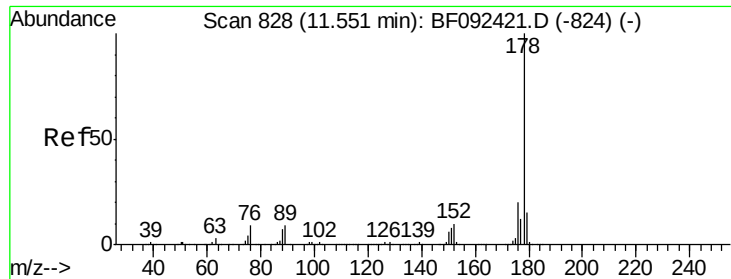
#69
 Pentachlorophenol
 Concen: 23.37 ng
 RT: 11.32 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF092522.D
 Acq: 26 Jan 2017 13:37

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.0	53.3	79.9
264	59.9	50.3	75.5



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

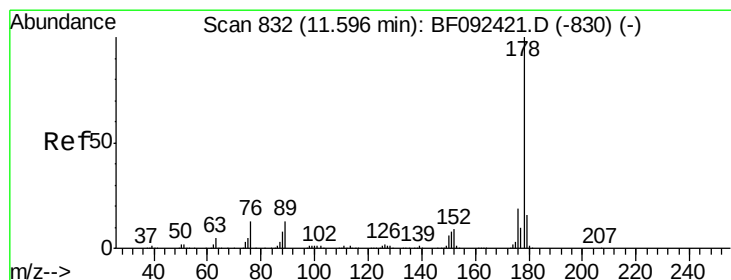
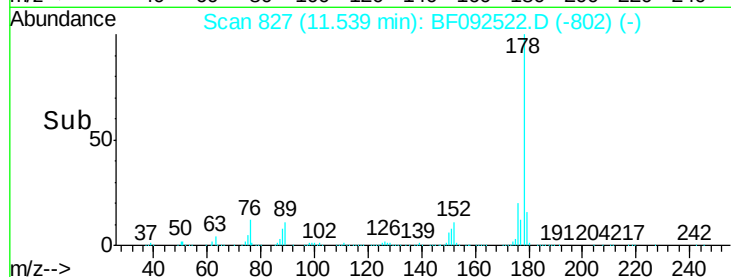
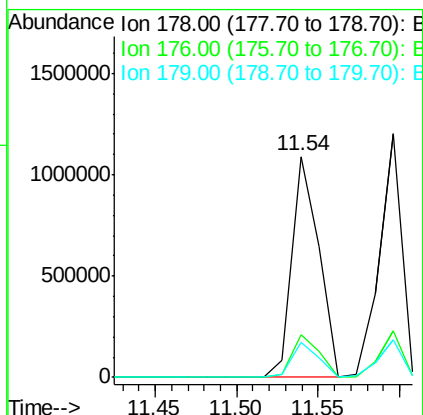
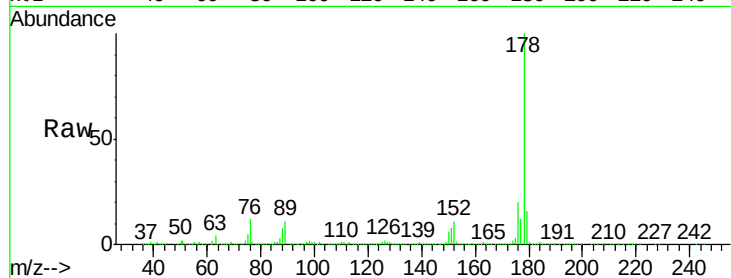




#70
Phenanthrene
Concen: 60.62 ng
RT: 11.54 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF092522.D
Acq: 26 Jan 2017 13:37

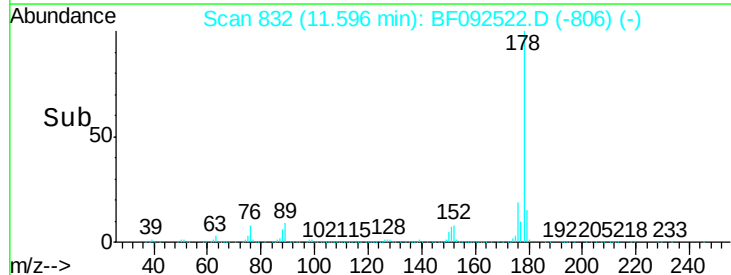
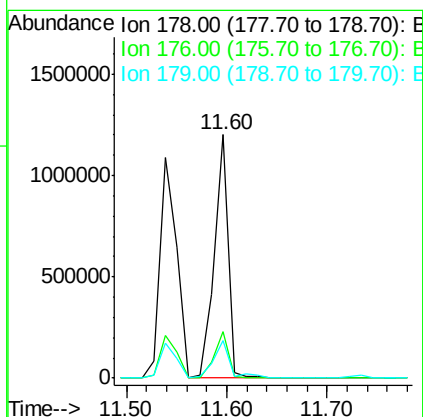
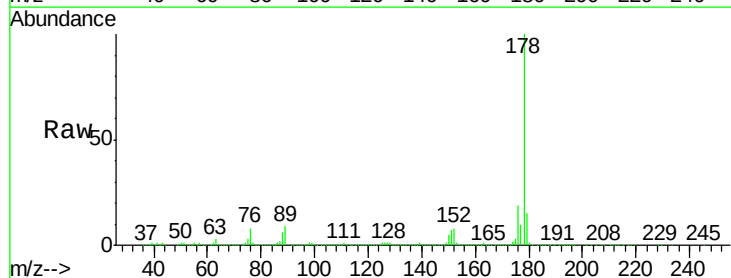
Instrument :
BNA_F
ClientSampleId :
CHA-SB-01-0-2MSD

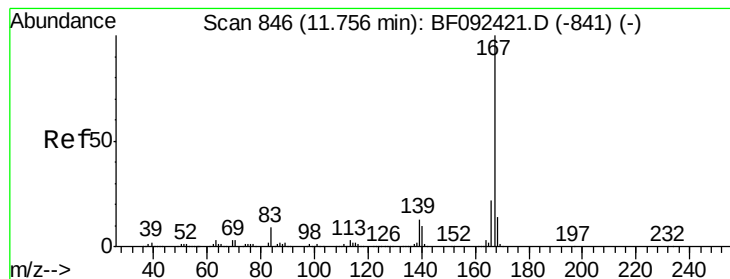
Tgt Ion:178 Resp: 1254993
Ion Ratio Lower Upper
178 100
176 19.5 16.6 25.0
179 16.1 12.8 19.2



#71
Anthracene
Concen: 56.60 ng
RT: 11.60 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF092522.D
Acq: 26 Jan 2017 13:37

Tgt Ion:178 Resp: 1145087
Ion Ratio Lower Upper
178 100
176 19.3 15.9 23.9
179 15.4 13.2 19.8





#72

Carbazole

Concen: 46.18 ng

RT: 11.74 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF092522.D

Acq: 26 Jan 2017 13:37

Instrument :

BNA_F

ClientSampleId :

CHA-SB-01-0-2MSD

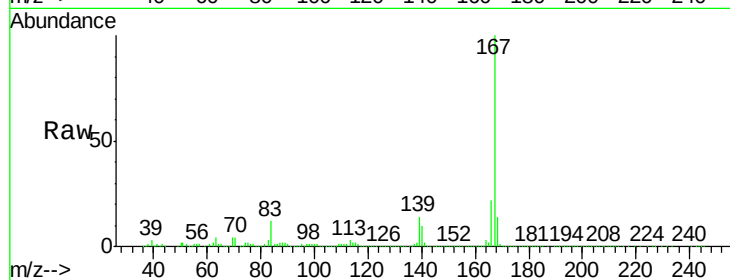
Tgt Ion:167 Resp: 892161

Ion Ratio Lower Upper

167 100

166 21.9 18.2 27.2

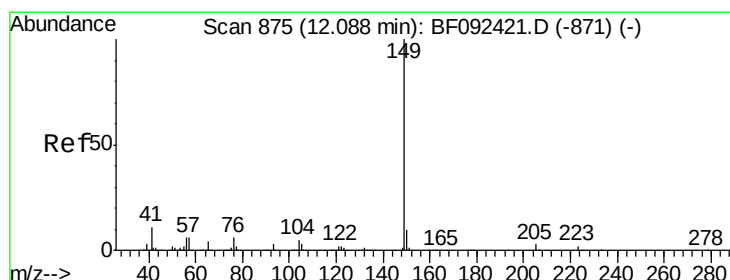
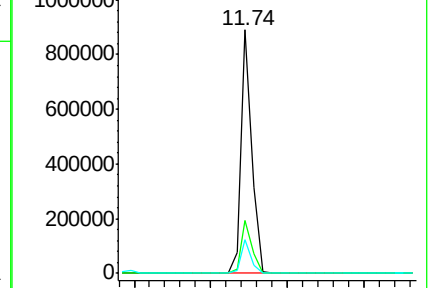
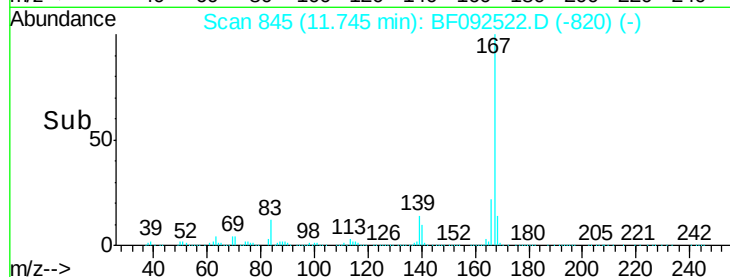
139 13.7 11.4 17.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 50.03 ng

RT: 12.08 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF092522.D

Acq: 26 Jan 2017 13:37

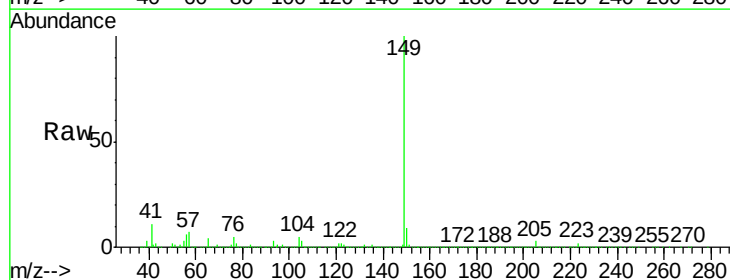
Tgt Ion:149 Resp: 1105196

Ion Ratio Lower Upper

149 100

150 9.5 8.1 12.1

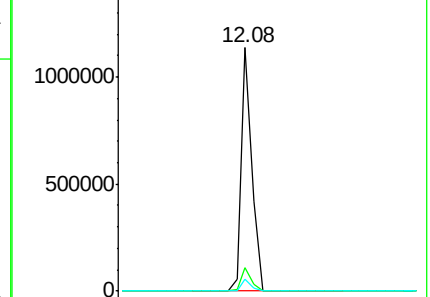
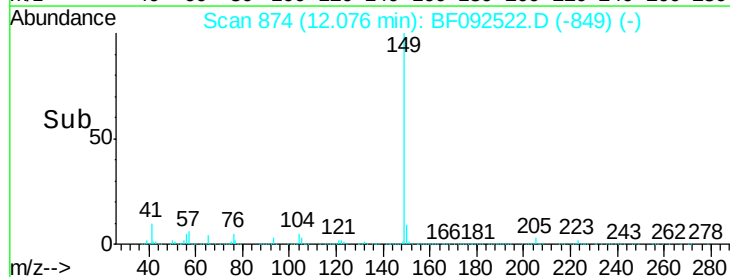
104 4.7 4.6 7.0

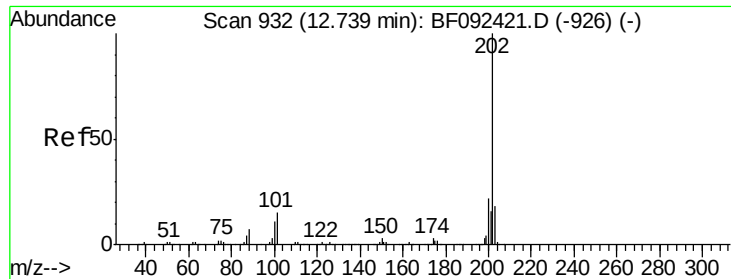


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 95.96 ng

RT: 12.74 min Scan# 932

Delta R.T. -0.00 min

Lab File: BF092522.D

Acq: 26 Jan 2017 13:37

Instrument :

BNA_F

ClientSampleId :

CHA-SB-01-0-2MSD

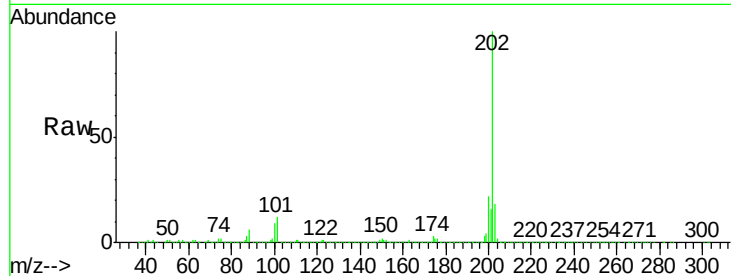
Tgt Ion:202 Resp: 1943221

Ion Ratio Lower Upper

202 100

101 12.2 0.0 34.6

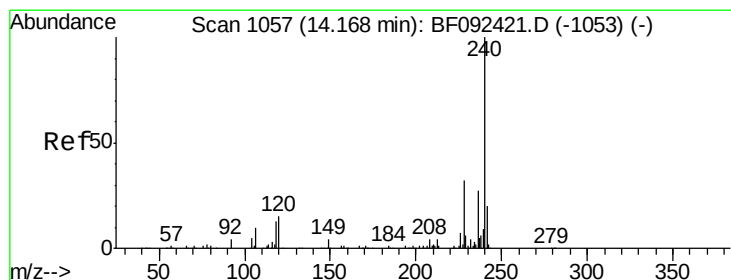
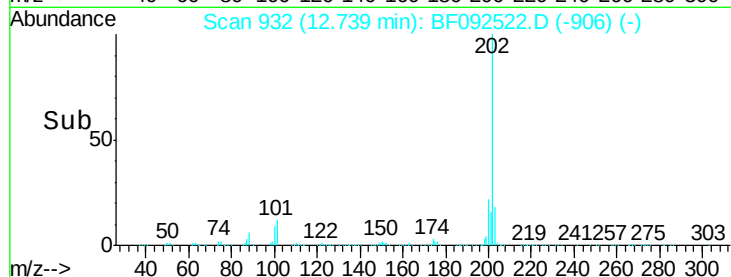
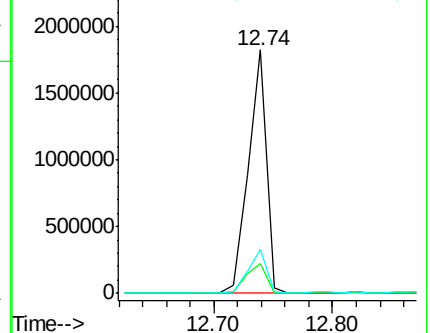
203 18.0 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.17 min Scan# 1057

Delta R.T. -0.00 min

Lab File: BF092522.D

Acq: 26 Jan 2017 13:37

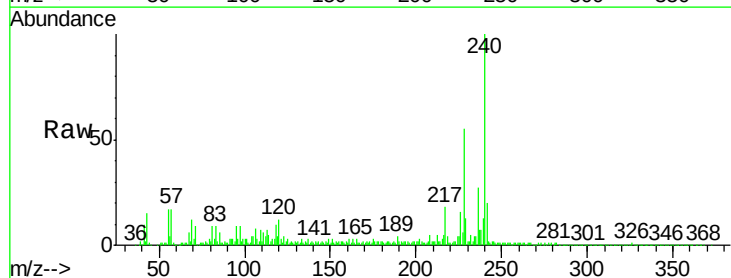
Tgt Ion:240 Resp: 279341

Ion Ratio Lower Upper

240 100

120 11.5 12.9 19.3#

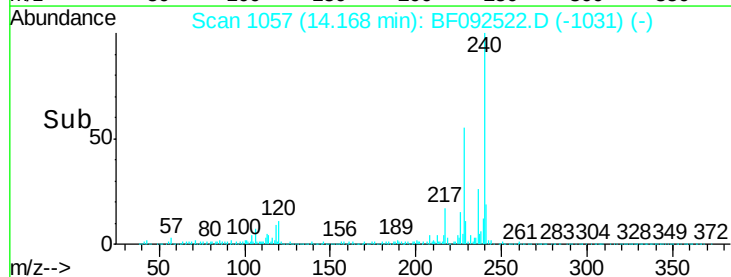
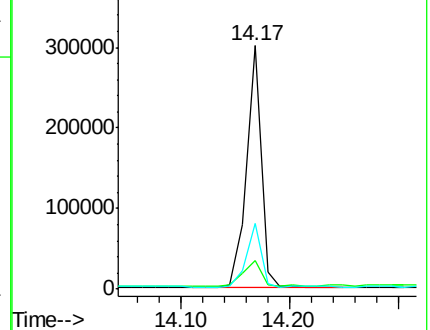
236 26.7 20.9 31.3

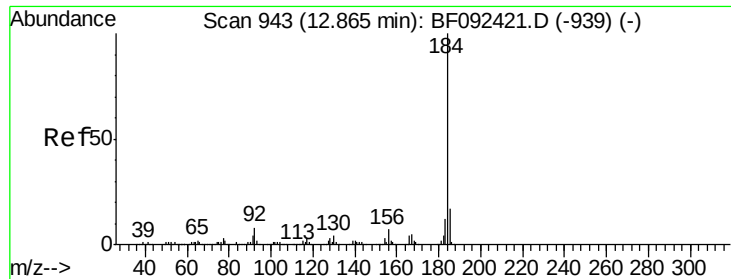


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 29.30 ng

RT: 12.85 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF092522.D

Acq: 26 Jan 2017 13:37

Instrument :

BNA_F

ClientSampleId :

CHA-SB-01-0-2MSD

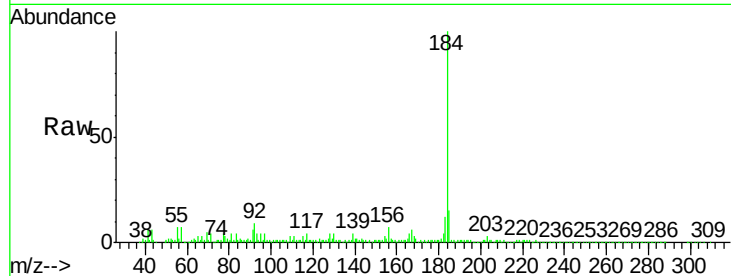
Tgt Ion:184 Resp: 303844

Ion Ratio Lower Upper

184 100

185 15.1 13.4 20.0

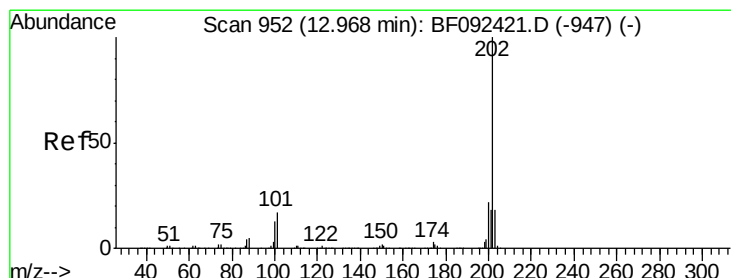
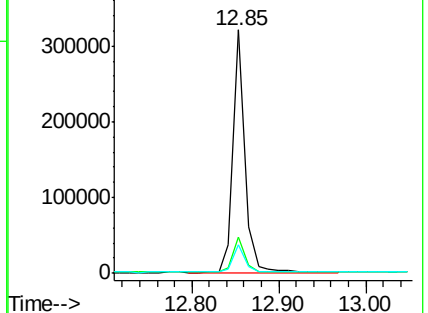
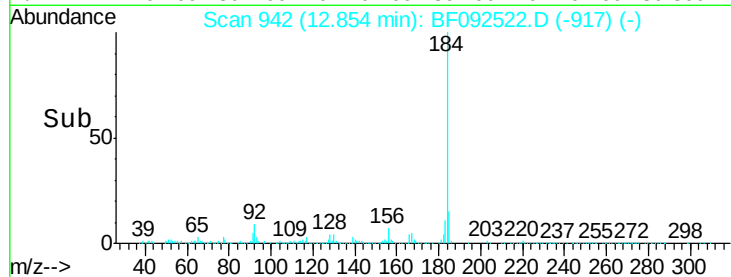
183 11.9 9.2 13.8



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: 87.10 ng

RT: 12.97 min Scan# 952

Delta R.T. -0.00 min

Lab File: BF092522.D

Acq: 26 Jan 2017 13:37

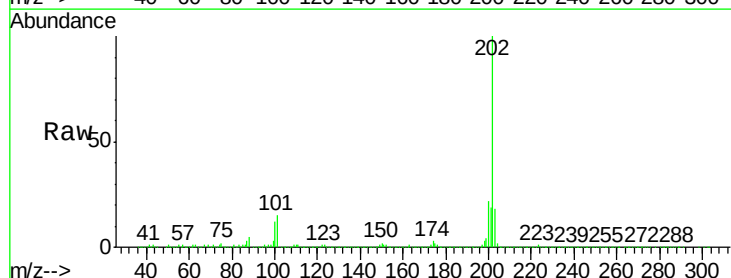
Tgt Ion:202 Resp: 1762861

Ion Ratio Lower Upper

202 100

200 22.4 17.7 26.5

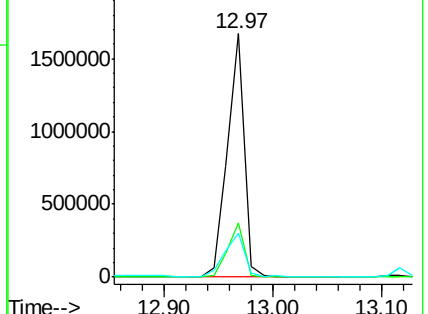
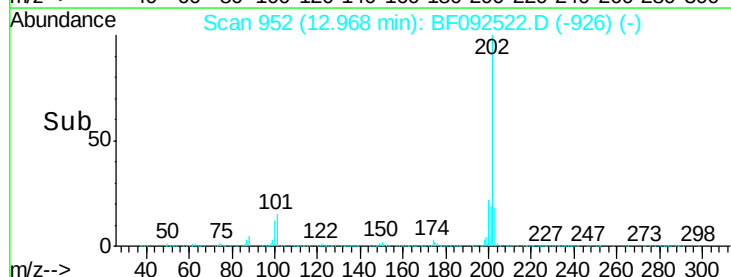
203 18.2 14.7 22.1

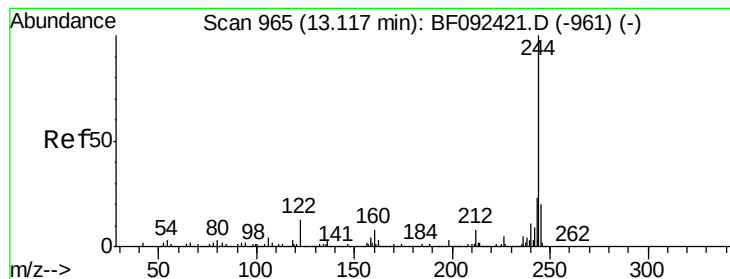


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 98.99 ng

RT: 13.11 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF092522.D

Acq: 26 Jan 2017 13:37

Instrument :

BNA_F

ClientSampleId :

CHA-SB-01-0-2MSD

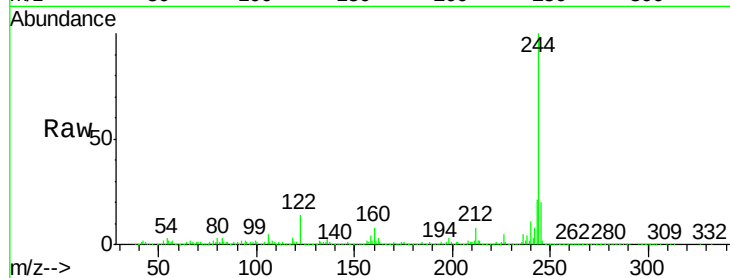
Tgt Ion:244 Resp: 1038388

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

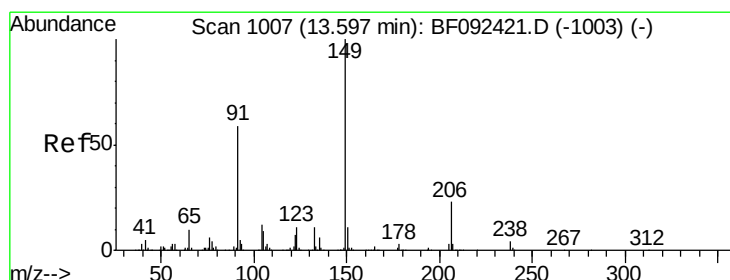
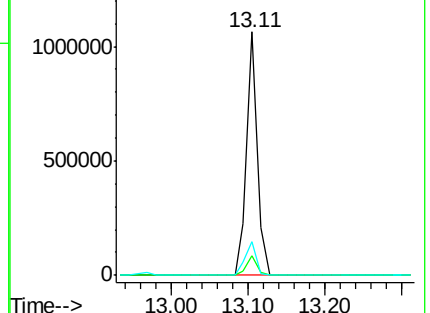
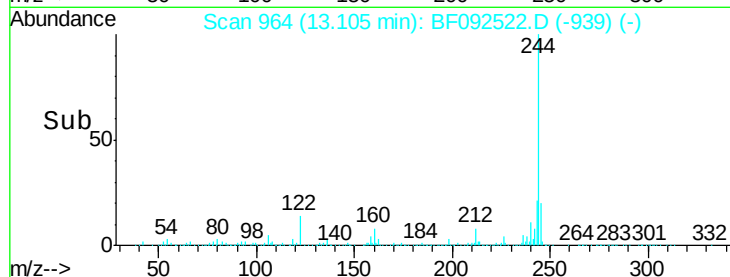
122 13.6 11.4 17.2



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: 59.50 ng

RT: 13.59 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF092522.D

Acq: 26 Jan 2017 13:37

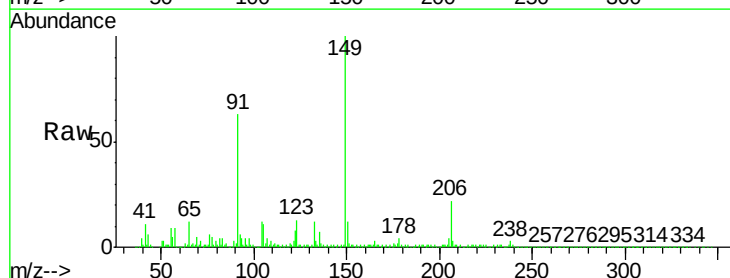
Tgt Ion:149 Resp: 487863

Ion Ratio Lower Upper

149 100

91 62.9 63.9 95.9#

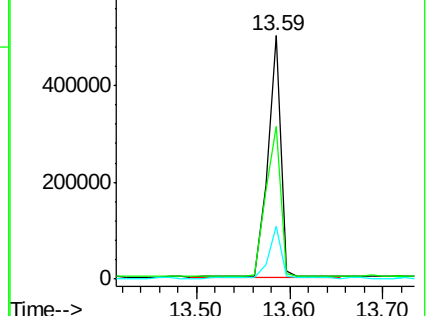
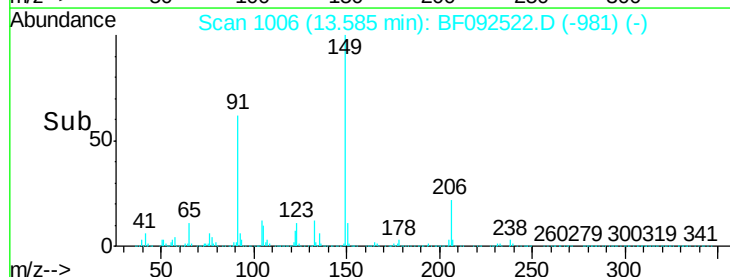
206 21.6 14.6 21.8

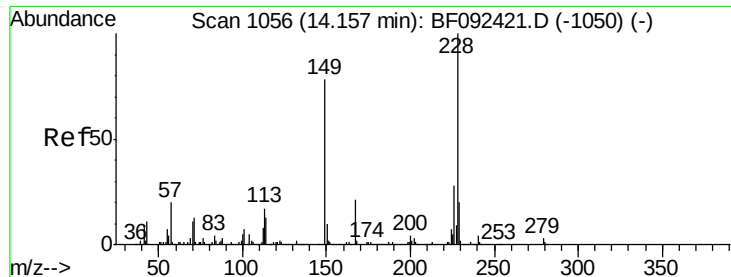


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

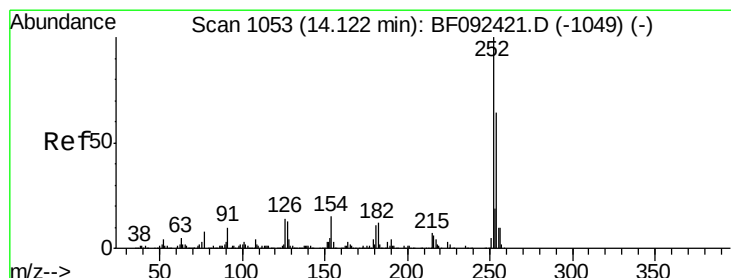
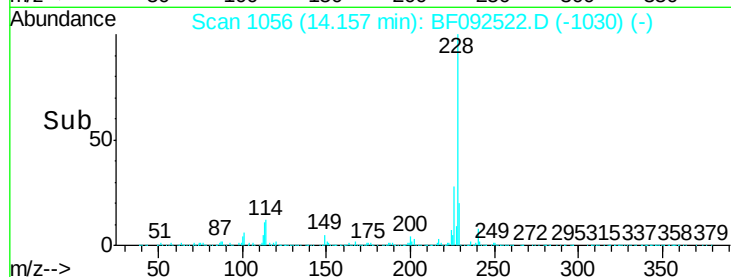
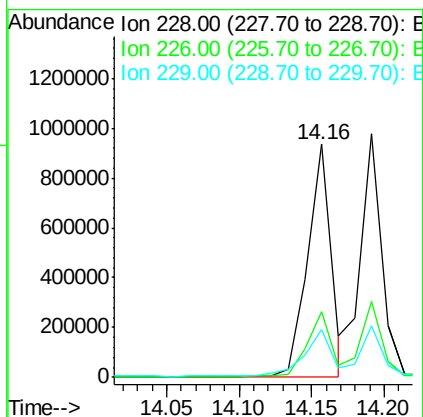
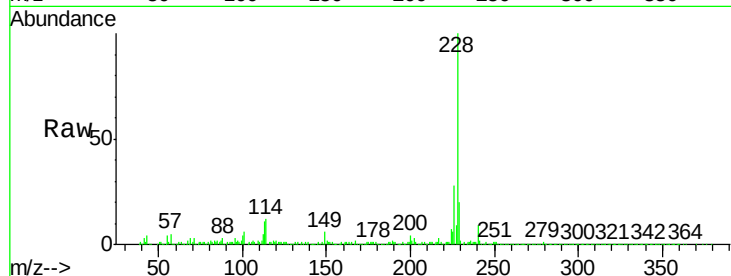




#80
Benzo(a)anthracene
Concen: 69.53 ng
RT: 14.16 min Scan# 1056
Delta R.T. -0.00 min
Lab File: BF092522.D
Acq: 26 Jan 2017 13:37

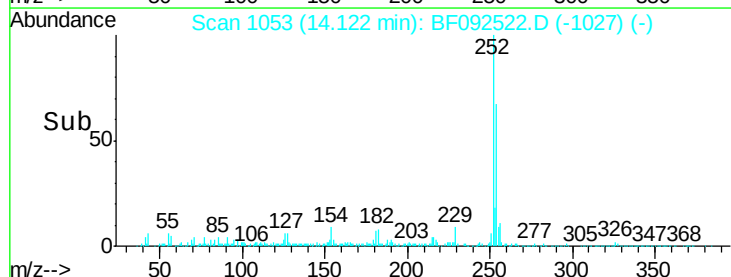
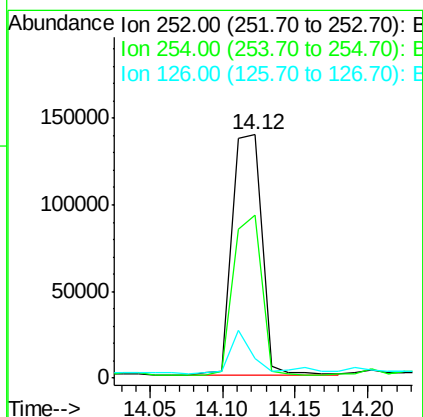
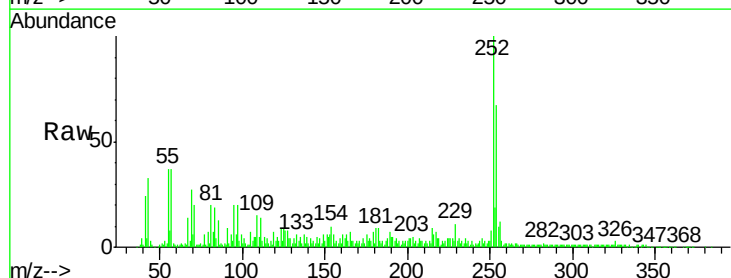
Instrument :
BNA_F
ClientSampleId :
CHA-SB-01-0-2MSD

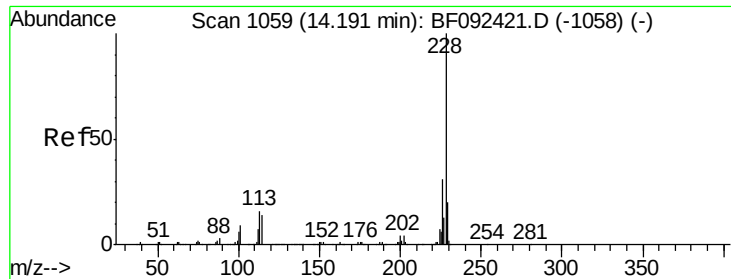
Tgt Ion:228 Resp: 1043855
Ion Ratio Lower Upper
228 100
226 28.0 22.4 33.6
229 20.3 16.2 24.4



#81
3,3'-Dichlorobenzidine
Concen: 34.80 ng
RT: 14.12 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BF092522.D
Acq: 26 Jan 2017 13:37

Tgt Ion:252 Resp: 198340
Ion Ratio Lower Upper
252 100
254 67.1 52.3 78.5
126 7.8 13.6 20.4#





#82

Chrysene

Concen: 51.11 ng

RT: 14.19 min Scan# 1059

Delta R.T. -0.00 min

Lab File: BF092522.D

Acq: 26 Jan 2017 13:37

Instrument :

BNA_F

ClientSampleId :

CHA-SB-01-0-2MSD

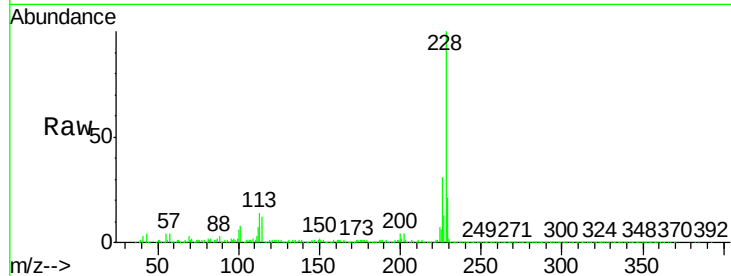
Tgt Ion:228 Resp: 819374

Ion Ratio Lower Upper

228 100

226 31.4 25.4 38.0

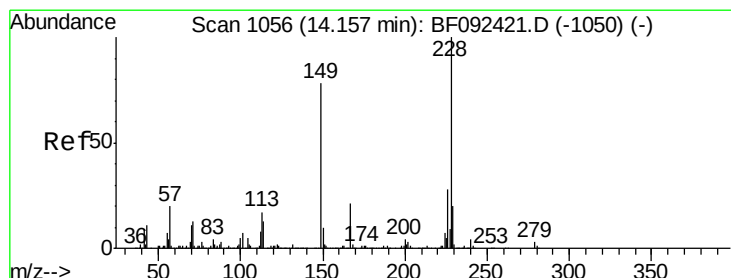
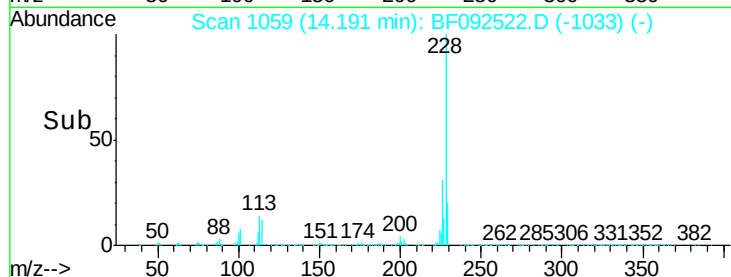
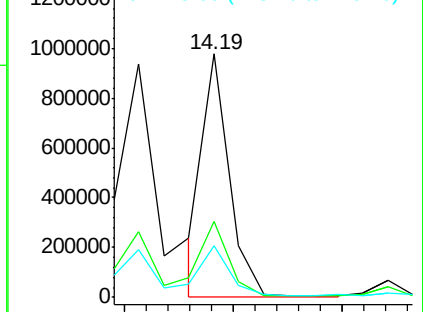
229 21.1 16.2 24.2



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 57.15 ng

RT: 14.15 min Scan# 1055

Delta R.T. -0.01 min

Lab File: BF092522.D

Acq: 26 Jan 2017 13:37

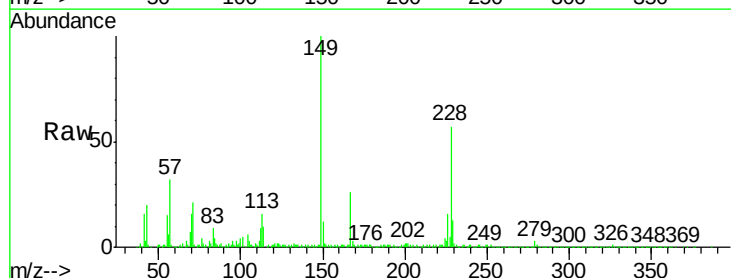
Tgt Ion:149 Resp: 590133

Ion Ratio Lower Upper

149 100

167 26.2 20.2 30.4

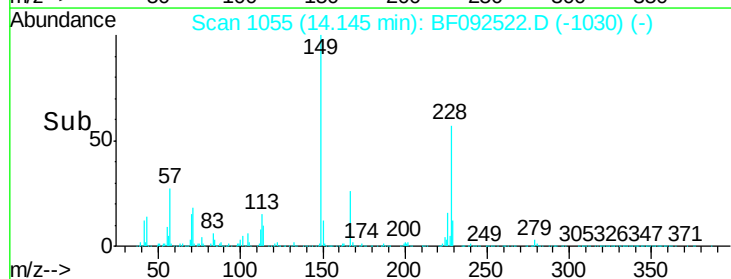
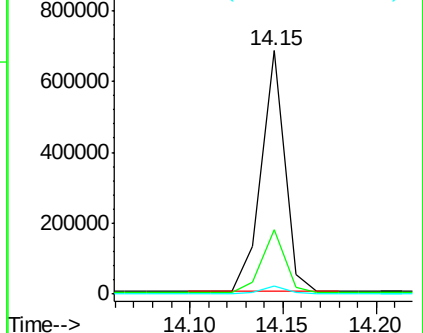
279 3.2 1.8 2.8#

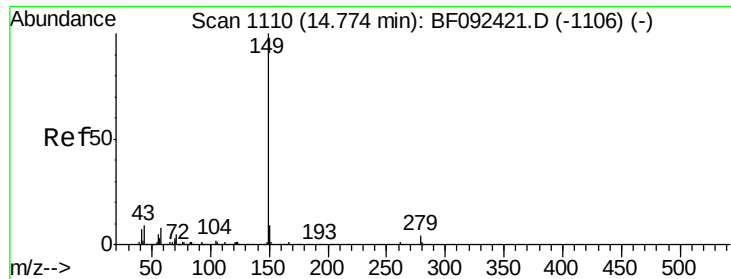


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 53.31 ng

RT: 14.76 min Scan# 1109

Delta R.T. -0.01 min

Lab File: BF092522.D

Acq: 26 Jan 2017 13:37

Instrument :

BNA_F

ClientSampleId :

CHA-SB-01-0-2MSD

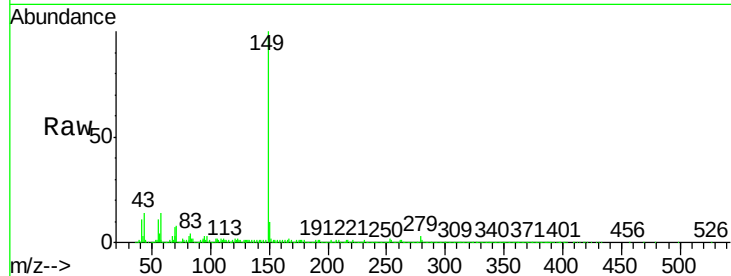
Tgt Ion:149 Resp: 999429

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

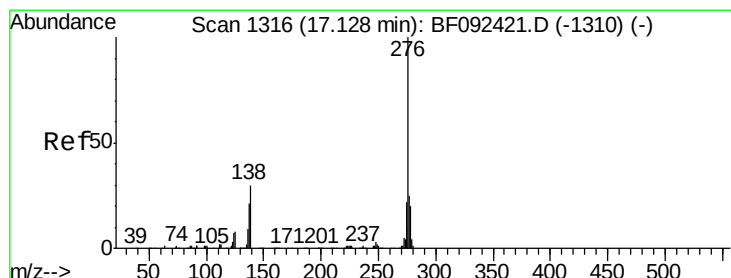
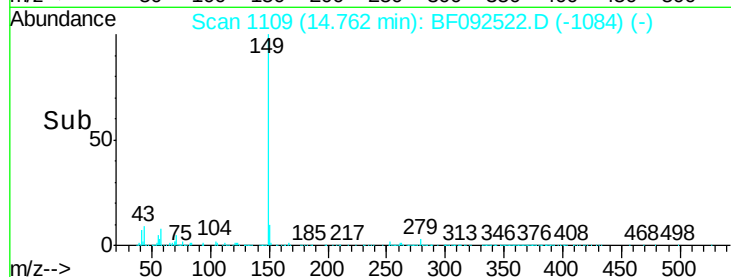
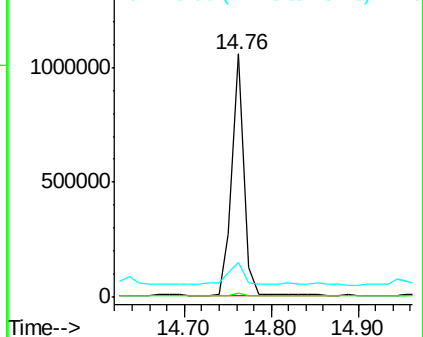
43 12.5 8.9 13.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 59.83 ng

RT: 17.16 min Scan# 1319

Delta R.T. 0.03 min

Lab File: BF092522.D

Acq: 26 Jan 2017 13:37

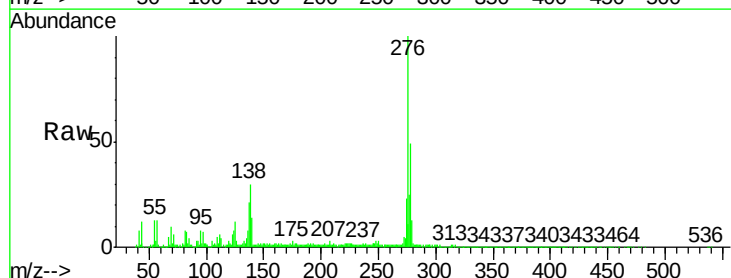
Tgt Ion:276 Resp: 709715

Ion Ratio Lower Upper

276 100

138 31.6 21.8 32.6

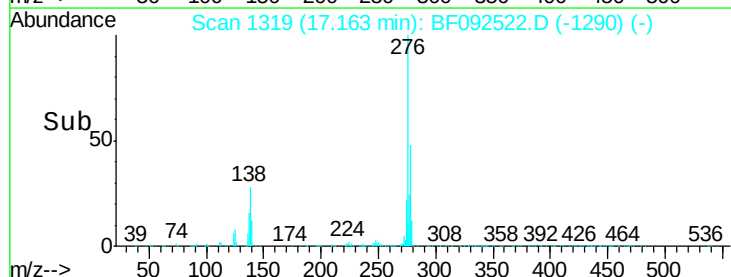
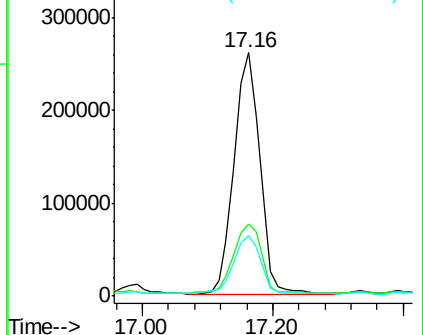
277 26.2 20.2 30.4

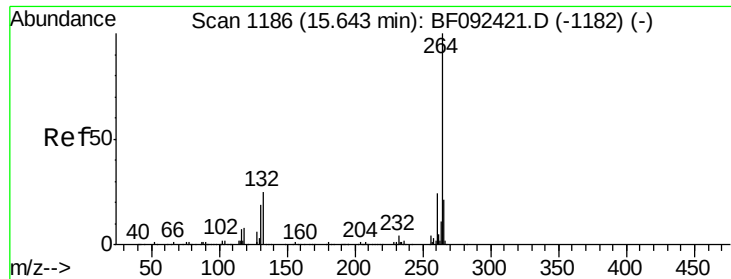


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

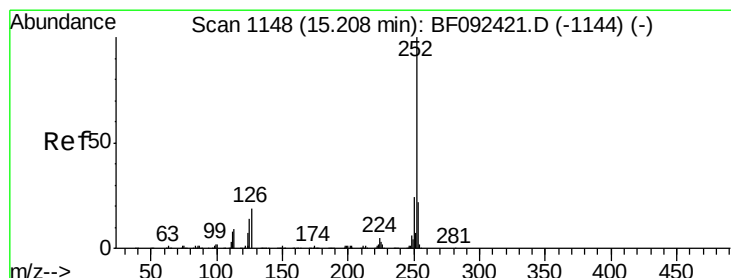
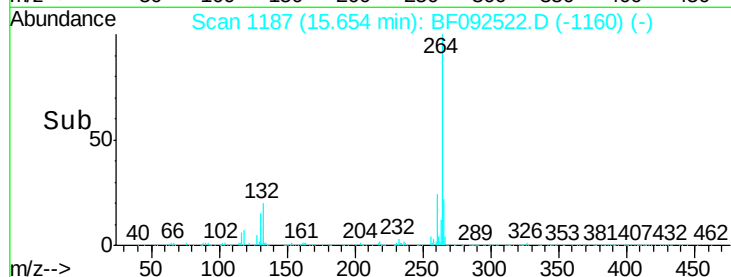
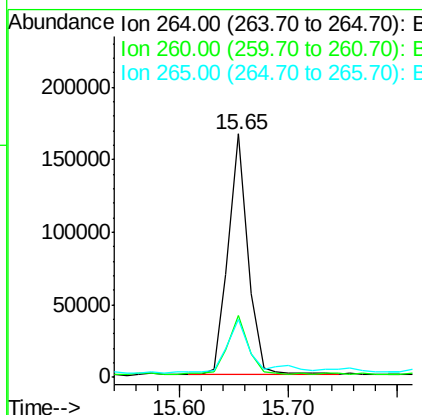
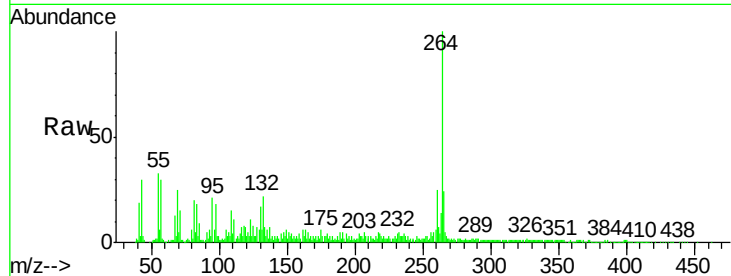




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.65 min Scan# 1187
Delta R.T. 0.01 min
Lab File: BF092522.D
Acq: 26 Jan 2017 13:37

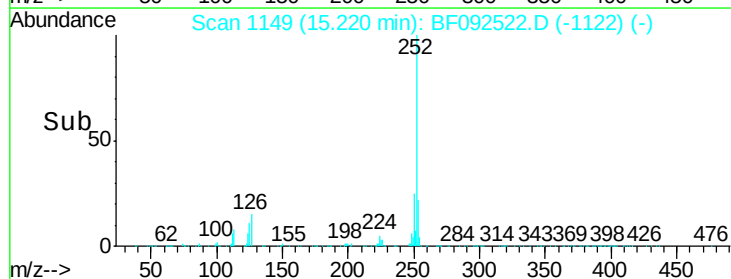
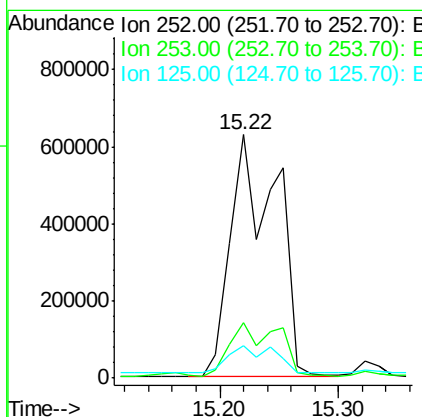
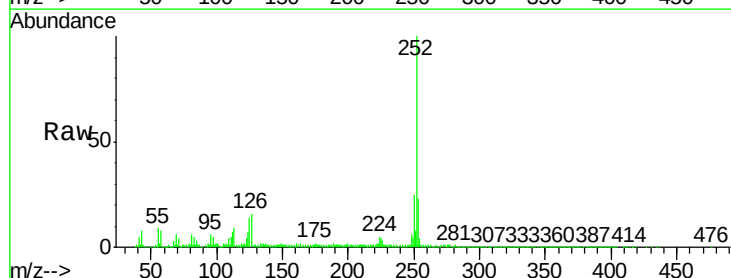
Instrument :
BNA_F
ClientSampleId :
CHA-SB-01-0-2MSD

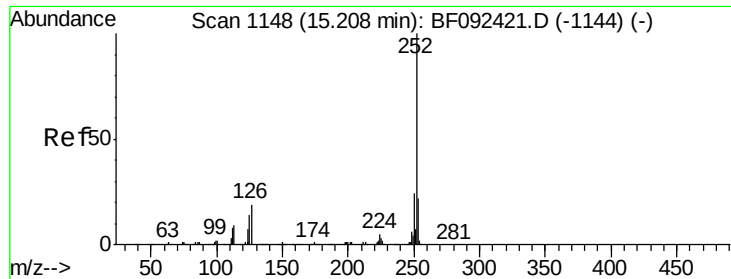
Tgt Ion:264 Resp: 208459
Ion Ratio Lower Upper
264 100
260 25.3 19.2 28.8
265 23.8 17.4 26.0



#87
Benzo(b)fluoranthene
Concen: 126.16 ng
RT: 15.22 min Scan# 1149
Delta R.T. 0.01 min
Lab File: BF092522.D
Acq: 26 Jan 2017 13:37

Tgt Ion:252 Resp: 1688334
Ion Ratio Lower Upper
252 100
253 22.8 18.2 27.4
125 13.5 9.8 14.6

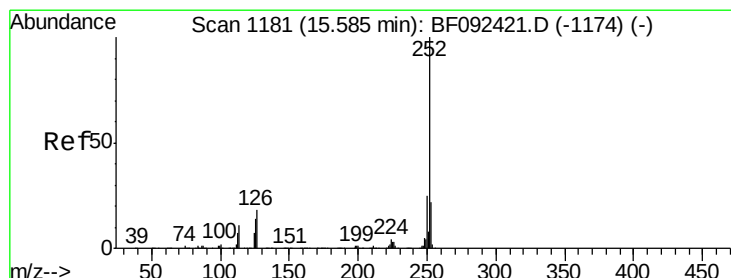
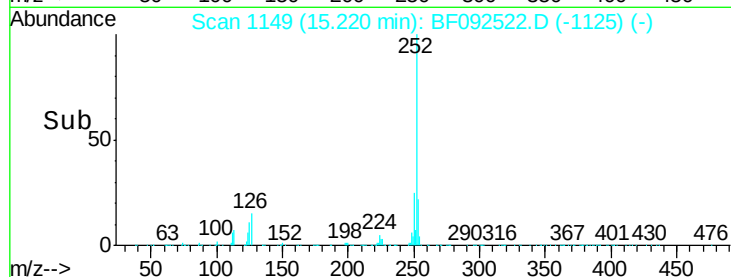
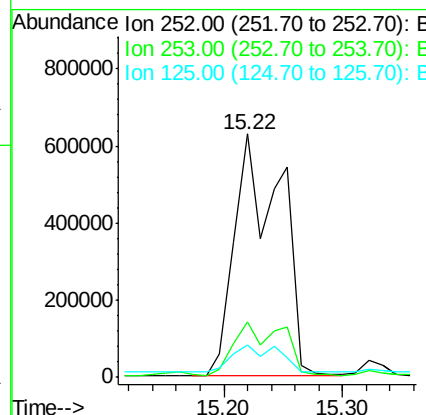
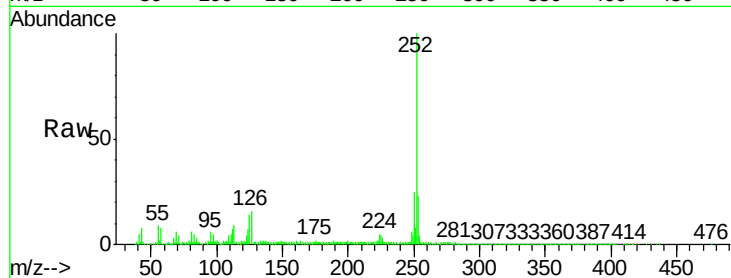




#88
 Benzo(k)fluoranthene
 Concen: 151.72 ng
 RT: 15.22 min Scan# 1149
 Delta R.T. -0.02 min
 Lab File: BF092522.D
 Acq: 26 Jan 2017 13:37

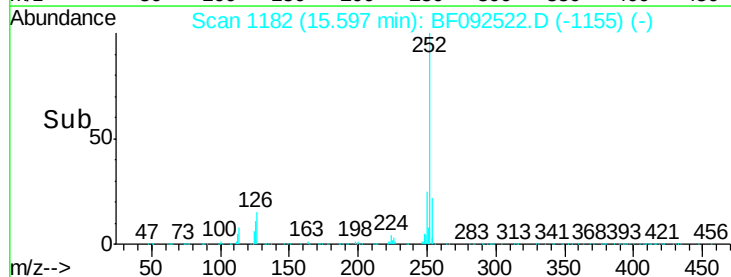
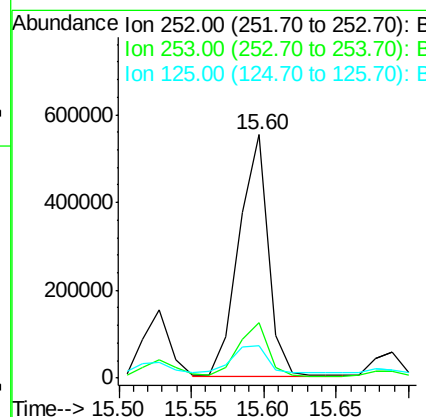
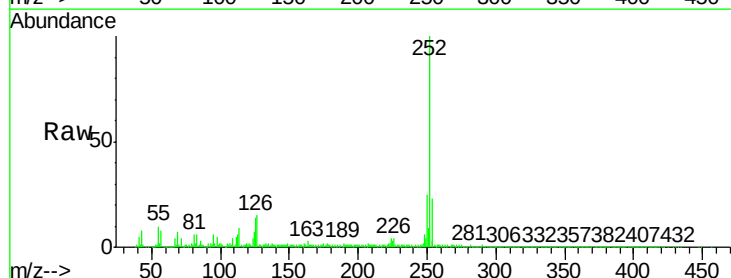
Instrument :
 BNA_F
 ClientSampleId :
 CHA-SB-01-0-2MSD

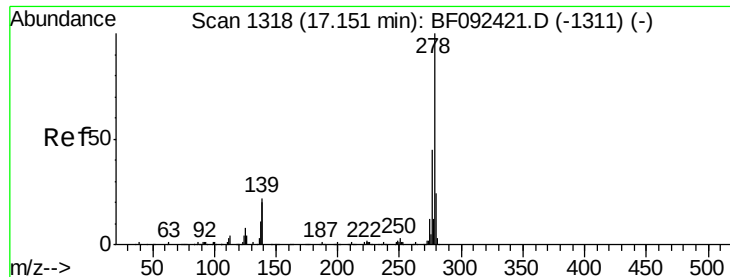
Tgt Ion:252 Resp: 1688334
 Ion Ratio Lower Upper
 252 100
 253 22.8 18.5 27.7
 125 13.5 8.9 13.3#



#89
 Benzo(a)pyrene
 Concen: 68.60 ng
 RT: 15.60 min Scan# 1182
 Delta R.T. 0.01 min
 Lab File: BF092522.D
 Acq: 26 Jan 2017 13:37

Tgt Ion:252 Resp: 776665
 Ion Ratio Lower Upper
 252 100
 253 22.7 18.2 27.2
 125 13.5 10.0 15.0





#90

Dibenzo(a,h)anthracene

Concen: 57.35 ng

RT: 17.17 min Scan# 1320

Delta R.T. 0.02 min

Lab File: BF092522.D

Acq: 26 Jan 2017 13:37

Instrument :

BNA_F

ClientSampleId :

CHA-SB-01-0-2MSD

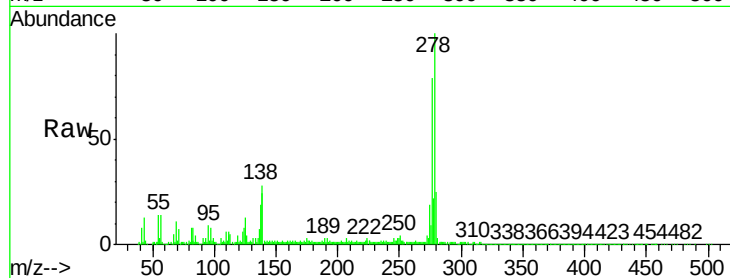
Tgt Ion:278 Resp: 525026

Ion Ratio Lower Upper

278 100

139 23.7 14.8 22.2#

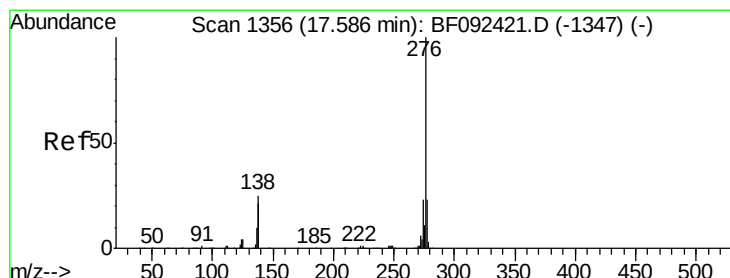
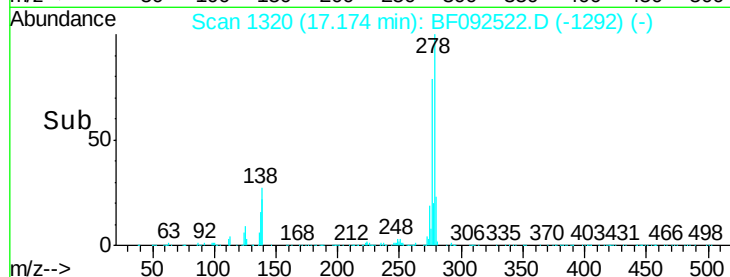
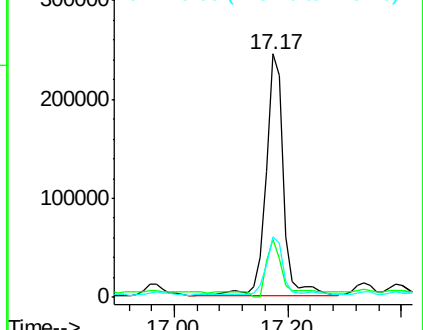
279 24.8 19.8 29.6



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: 65.46 ng

RT: 17.62 min Scan# 1359

Delta R.T. 0.03 min

Lab File: BF092522.D

Acq: 26 Jan 2017 13:37

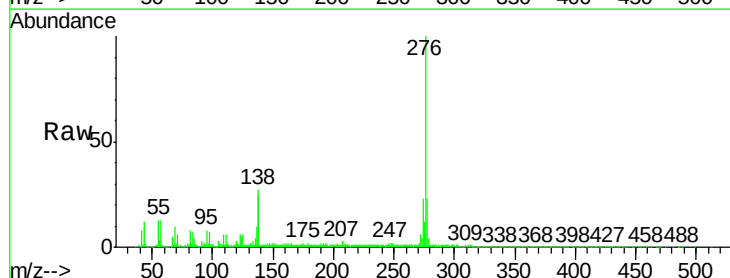
Tgt Ion:276 Resp: 606069

Ion Ratio Lower Upper

276 100

277 23.5 19.2 28.8

138 26.8 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

