

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081517\
 Data File : BF097708.D
 Acq On : 15 Aug 2017 23:19
 Operator : SJ/JU
 Sample : I4751-16MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-24-COMPMSD

Quant Time: Aug 16 03:56:31 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 15 13:25:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	127825	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	511980	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	225333	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	404003	20.00	ng	0.00
75) Chrysene-d12	13.94	240	256008	20.00	ng	0.00
86) Perylene-d12	15.37	264	258477	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	921298	109.63	ng	0.01
7) Phenol-d6	6.42	99	1258477	110.22	ng	0.00
23) Nitrobenzene-d5	7.35	82	765253	81.20	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	222488	113.80	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1074543	70.06	ng	0.00
78) Terphenyl-d14	12.89	244	738458	60.15	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	137403	29.32	ng	91
3) Pyridine	3.25	79	371349	28.66	ng	88
4) n-Nitrosodimethylamine	3.19	42	161732	32.44	ng	# 77
6) Aniline	6.45	93	441907	27.55	ng	97
8) 2-Chlorophenol	6.57	128	307104	34.65	ng	95
9) Benzaldehyde	6.33	77	148424	20.52	ng	92
10) Phenol	6.43	94	497215	37.23	ng	94
11) bis(2-Chloroethyl)ether	6.53	93	347617	34.49	ng	93
12) 1,3-Dichlorobenzene	6.73	146	298709	31.33	ng	# 94
13) 1,4-Dichlorobenzene	6.80	146	304509	31.41	ng	94
14) 1,2-Dichlorobenzene	6.96	146	287513	32.16	ng	99
15) Benzyl Alcohol	6.93	79	321762	37.64	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.06	45	465437	34.32	ng	93
17) 2-Methylphenol	7.04	107	280800	35.95	ng	96
18) Hexachloroethane	7.30	117	119635	31.47	ng	# 79
19) n-Nitroso-di-n-propylamine	7.20	70	261132	33.41	ng	89
20) 3+4-Methylphenols	7.19	107	343839	36.05	ng	96
22) Acetophenone	7.20	105	460031	34.01	ng	# 85
24) Nitrobenzene	7.37	77	391927	37.35	ng	94
25) Isophorone	7.61	82	705562	36.00	ng	97
26) 2-Nitrophenol	7.68	139	141988	38.51	ng	# 75
27) 2,4-Dimethylphenol	7.72	122	274216	33.55	ng	93
28) bis(2-Chloroethoxy)methane	7.82	93	437582	33.96	ng	99
29) 2,4-Dichlorophenol	7.92	162	239223	35.26	ng	92
30) 1,2,4-Trichlorobenzene	8.01	180	239293	31.82	ng	99
31) Naphthalene	8.09	128	947983	35.67	ng	100
32) Benzoic acid	7.72	122	274216	46.31	ng	# 17
33) 4-Chloroaniline	8.14	127	284413	25.37	ng	99
34) Hexachlorobutadiene	8.21	225	136250	31.03	ng	97
35) Caprolactam	8.50	113	58043	25.17	ng	97
36) 4-Chloro-3-methylphenol	8.62	107	296527	34.02	ng	# 78
37) 2-Methylnaphthalene	8.78	142	581750	35.70	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	224423	32.45	ng	98
40) Hexachlorocyclopentadiene	8.93	237	110984	33.41	ng	98

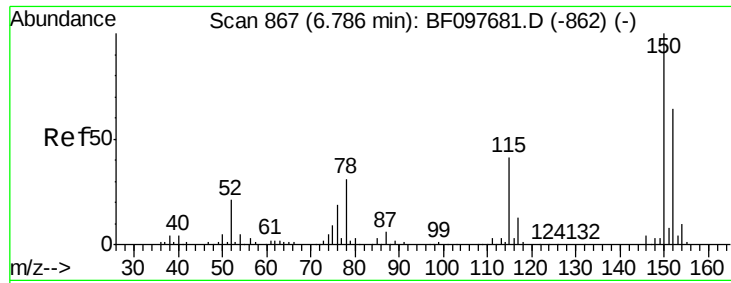
Data Path : Z:\HPCHEM1\BNA F\DATA\BF081517\
 Data File : BF097708.D
 Acq On : 15 Aug 2017 23:19
 Operator : SJ/JU
 Sample : I4751-16MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-24-COMPMSD

Quant Time: Aug 16 03:56:31 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 15 13:25:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	160933	34.66	nq	99
43) 2,4,5-Trichlorophenol	9.09	196	165937	36.03	nq	95
45) 1,1'-Biphenyl	9.25	154	672736	32.74	nq	96
46) 2-Chloronaphthalene	9.27	162	483658	31.86	nq	# 91
47) 2-Nitroaniline	9.36	65	191319	37.59	nq	94
48) Acenaphthylene	9.69	152	794833	33.34	nq	98
49) Dimethylphthalate	9.55	163	712825	43.28	nq	100
50) 2,6-Dinitrotoluene	9.61	165	123348	37.52	nq	# 73
51) Acenaphthene	9.86	154	488963	32.52	nq	99
52) 3-Nitroaniline	9.77	138	132575	31.25	nq	88
53) 2,4-Dinitrophenol	9.87	184	8380	14.82	nq	# 41
54) Dibenzofuran	10.03	168	760234	37.72	nq	99
55) 4-Nitrophenol	9.93	139	199925	59.08	nq	# 38
56) 2,4-Dinitrotoluene	10.00	165	159703	38.71	nq	# 45
57) Fluorene	10.37	166	531948	34.14	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.15	232	133276	37.37	nq	95
59) Diethylphthalate	10.25	149	616306	35.78	nq	99
60) 4-Chlorophenyl-phenylether	10.36	204	238508	32.95	nq	91
61) 4-Nitroaniline	10.39	138	134988	33.48	nq	77
62) Azobenzene	10.52	77	716882	35.04	nq	94
64) 4,6-Dinitro-2-methylphenol	10.41	198	21037	17.46	nq	86
65) n-Nitrosodiphenylamine	10.48	169	486590	35.37	nq	98
66) 4-Bromophenyl-phenylether	10.85	248	146765	34.98	nq	97
67) Hexachlorobenzene	10.92	284	136586	31.94	nq	# 89
68) Atrazine	11.01	200	149048	40.85	nq	96
69) Pentachlorophenol	11.11	266	138348	55.49	nq	99
70) Phenanthrene	11.33	178	1274285	59.19	nq	100
71) Anthracene	11.38	178	802314	36.74	nq	99
72) Carbazole	11.53	167	735010	35.46	nq	98
73) Di-n-butylphthalate	11.87	149	912267	38.21	nq	99
74) Fluoranthene	12.52	202	1130487	50.31	nq	98
76) Benzidine	12.64	184	341706	40.71	nq	# 92
77) Pyrene	12.74	202	1043068	49.82	nq	99
79) Butylbenzylphthalate	13.37	149	307664	38.32	nq	# 69
80) Benzo(a)anthracene	13.93	228	645901	42.10	nq	100
81) 3,3'-Dichlorobenzidine	13.89	252	174778	33.76	nq	# 97
82) Chrysene	13.97	228	631467	41.37	nq	99
83) Bis(2-ethylhexyl)phthalate	13.93	149	377042	42.38	nq	# 99
84) Di-n-octyl phthalate	14.54	149	685926	44.32	nq	100
85) Indeno(1,2,3-cd)pyrene	16.77	276	499859	44.52	nq	94
87) Benzo(b)fluoranthene	14.96	252	670196	41.13	nq	98
88) Benzo(k)fluoranthene	15.24	252	89206	5.83	nq	99
89) Benzo(a)pyrene	15.31	252	593387	41.14	nq	99
90) Dibenzo(a,h)anthracene	16.79	278	377352	32.14	nq	96
91) Benzo(g,h,i)perylene	17.19	276	399443	32.60	nq	# 93

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

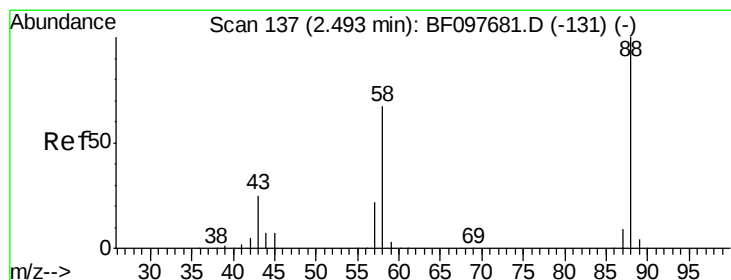
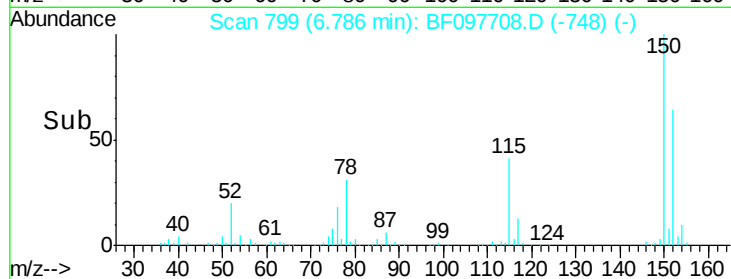
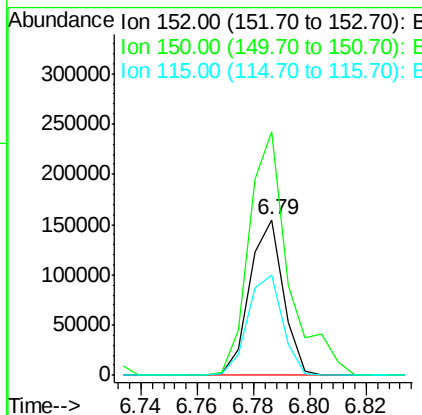
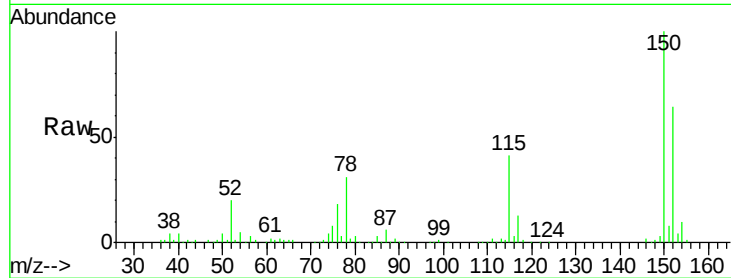


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF097708.D
Acq: 15 Aug 2017 23:19

Instrument :
BNA_F
ClientSampleId :
SB-24-COMPMSD

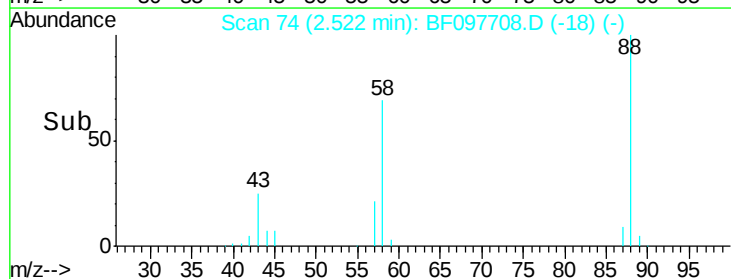
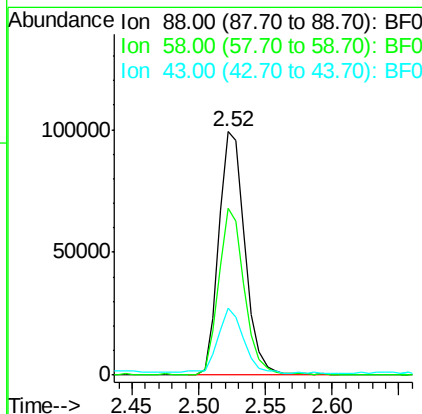
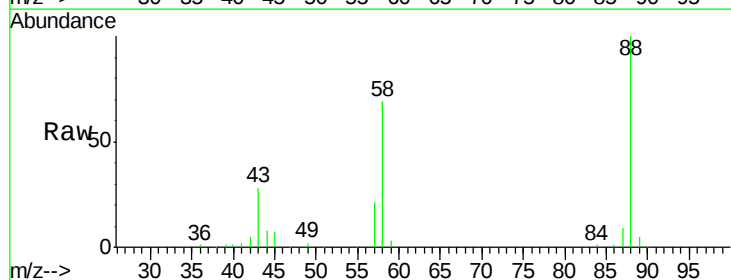
Tot Ion:152 Resp: 127825
Ion Ratio Lower Upper
152 100
150 156.4 126.2 189.2
115 64.0 52.2 78.2

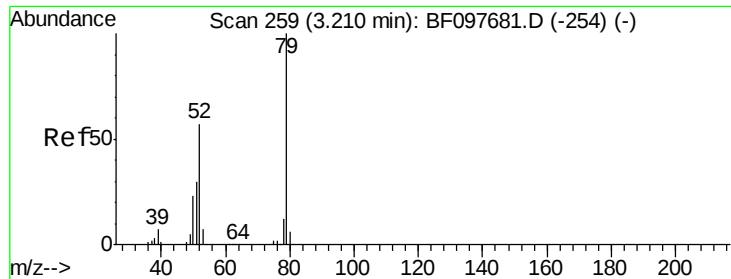


#2

1,4-Dioxane
Concen: 29.32 ng
RT: 2.52 min Scan# 74
Delta R.T. 0.03 min
Lab File: BF097708.D
Acq: 15 Aug 2017 23:19

Tgt Ion: 88 Resp: 137403
Ion Ratio Lower Upper
88 100
58 67.5 61.4 92.0
43 26.1 23.4 35.0





#3

Pvridine

Concen: 28.66 ng

RT: 3.25 min Scan# 197

Delta R.T. 0.04 min

Lab File: BF097708.D

Acq: 15 Aug 2017 23:19

Instrument :

BNA_F

ClientSampleId :

SB-24-COMPMSD

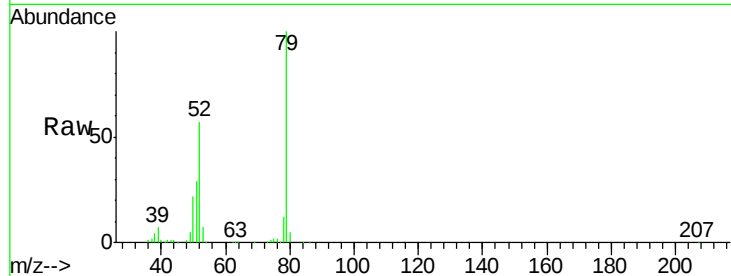
Tot Ion: 79 Resp: 371349

Ion Ratio Lower Upper

79 100

52 57.0 54.8 82.2

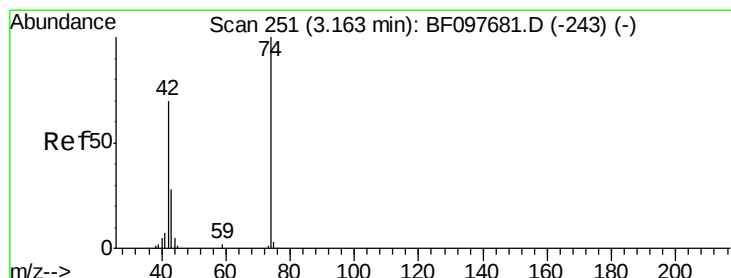
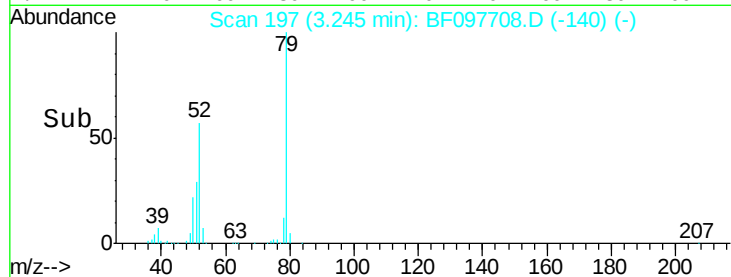
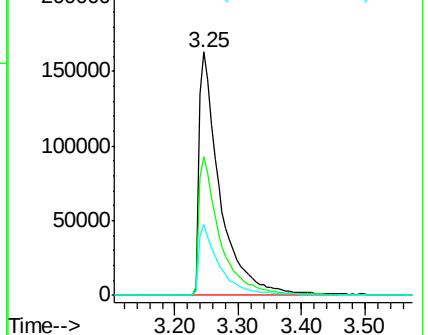
51 28.9 27.0 40.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 32.44 ng

RT: 3.19 min Scan# 188

Delta R.T. 0.03 min

Lab File: BF097708.D

Acq: 15 Aug 2017 23:19

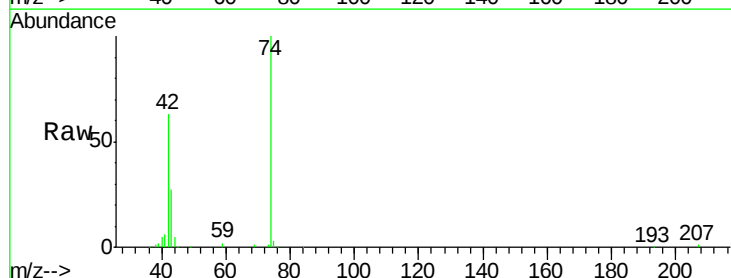
Tgt Ion: 42 Resp: 161732

Ion Ratio Lower Upper

42 100

74 157.7 103.9 155.9#

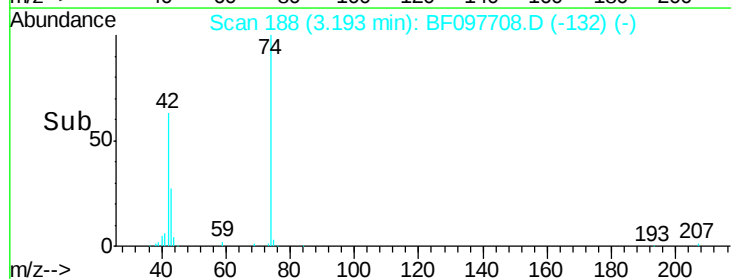
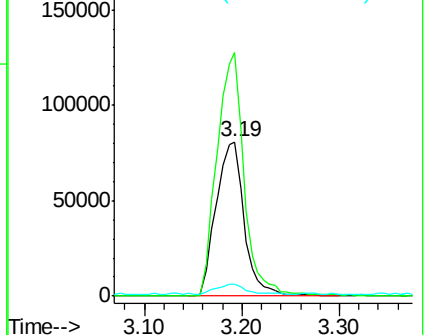
44 7.6 5.7 8.5

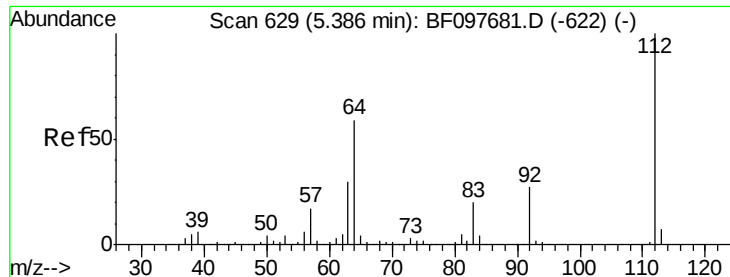


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 109.63 ng

RT: 5.40 min Scan# 563

Delta R.T. 0.01 min

Lab File: BF097708.D

Acq: 15 Aug 2017 23:19

Instrument :

BNA_F

ClientSampleId :

SB-24-COMPMSD

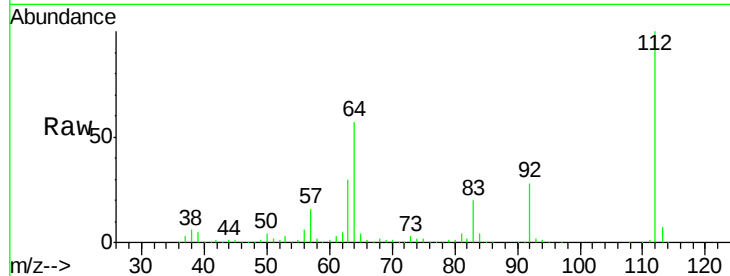
Tot Ion: 112 Resp: 921298

Ion Ratio Lower Upper

112 100

64 57.2 46.0 69.0

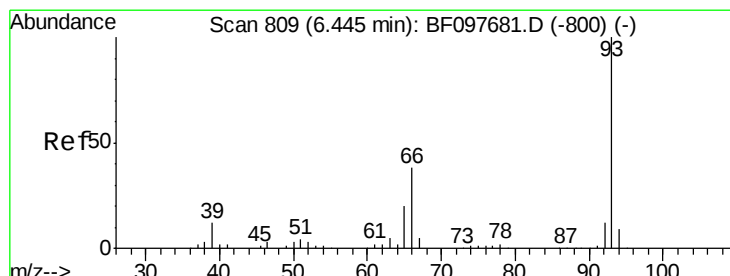
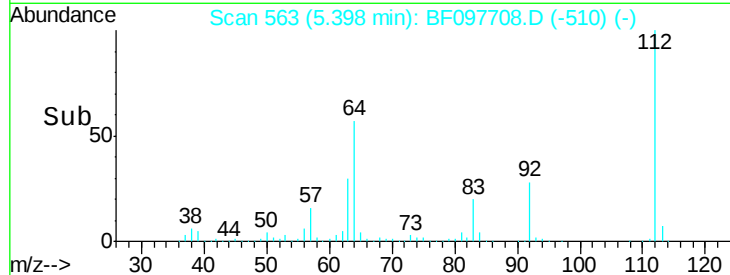
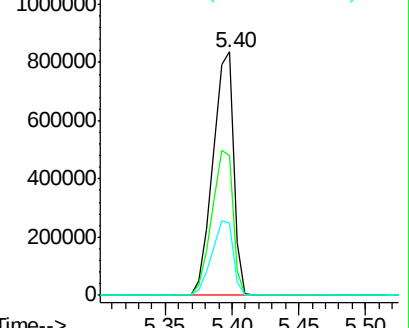
63 29.7 23.4 35.0



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: 27.55 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF097708.D

Acq: 15 Aug 2017 23:19

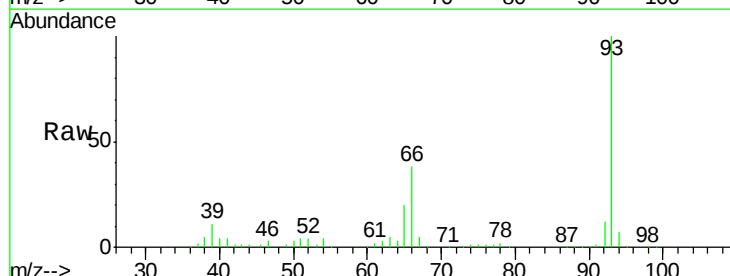
Tgt Ion: 93 Resp: 441907

Ion Ratio Lower Upper

93 100

66 38.3 32.9 49.3

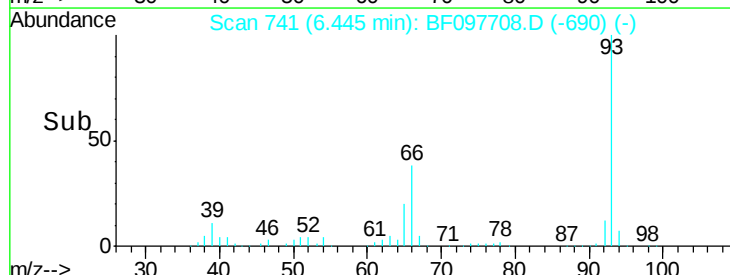
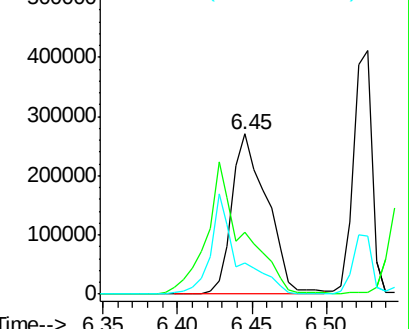
65 19.8 16.0 24.0

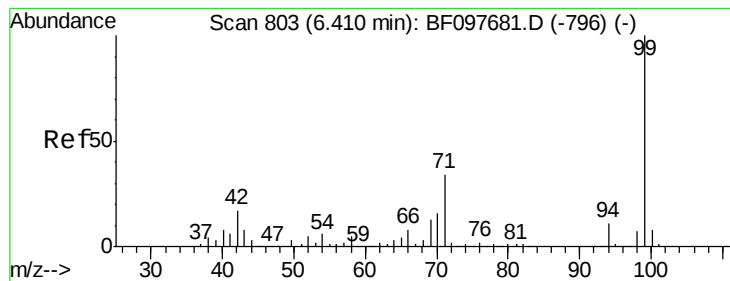


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 110.22 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF097708.D

Acq: 15 Aug 2017 23:19

Instrument :

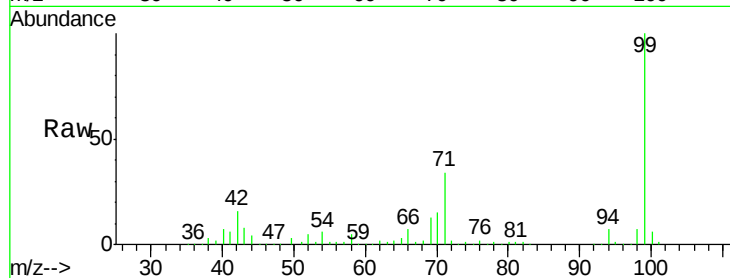
BNA_F

ClientSampleId :

SB-24-COMPMSD

Tot Ion: 99 Resp: 1258477

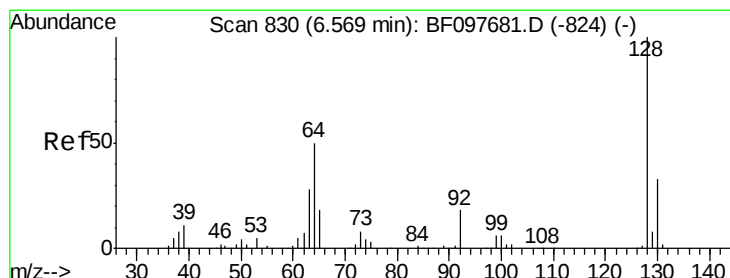
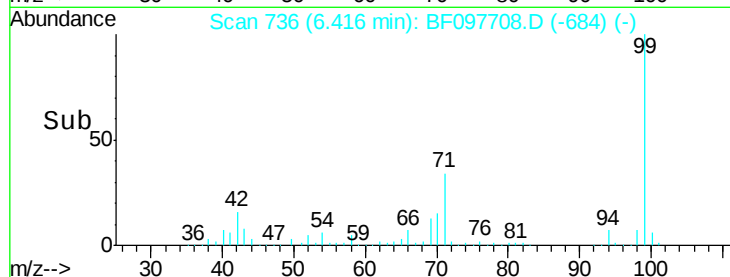
Ion	Ratio	Lower	Upper
99	100		
42	16.0	13.5	20.3
71	33.9	24.5	36.7



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: 34.65 ng

RT: 6.57 min Scan# 762

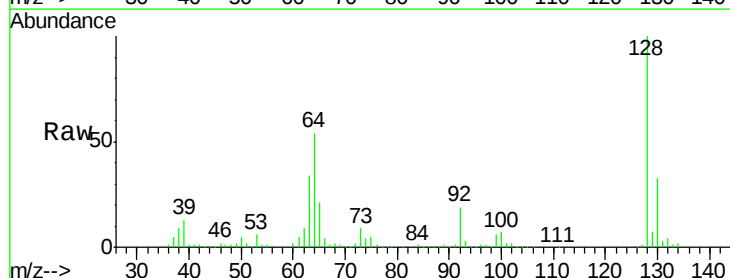
Delta R.T. 0.00 min

Lab File: BF097708.D

Acq: 15 Aug 2017 23:19

Tgt Ion:128 Resp: 307104

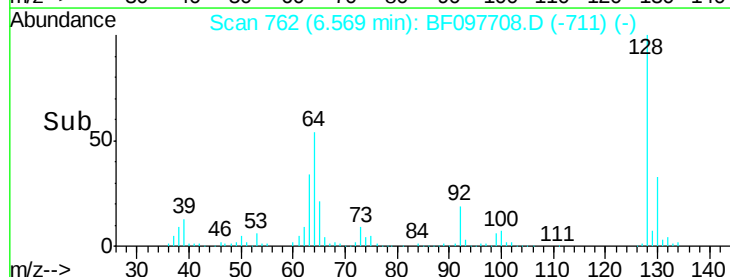
Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.9	52.9
64	54.2	28.4	68.4

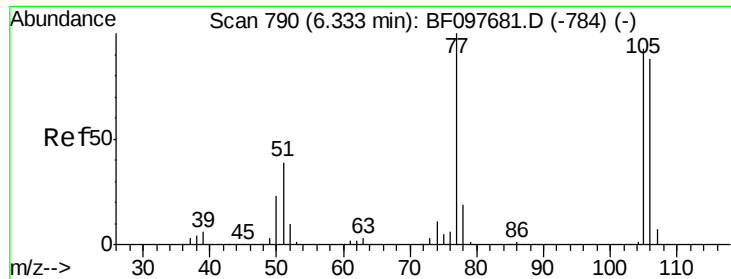


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 20.52 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.00 min

Lab File: BF097708.D

Acq: 15 Aug 2017 23:19

Instrument :

BNA_F

ClientSampleId :

SB-24-COMPMSD

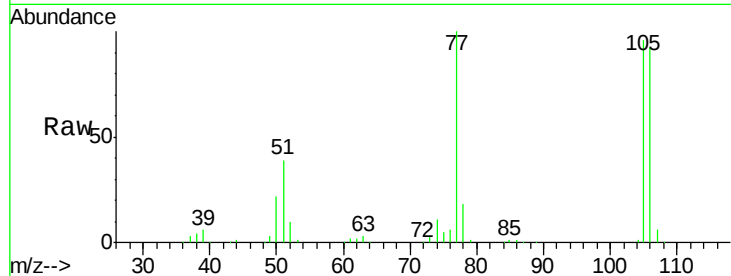
Tot Ion: 77 Resp: 148424

Ion Ratio Lower Upper

77 100

105 96.1 83.8 123.8

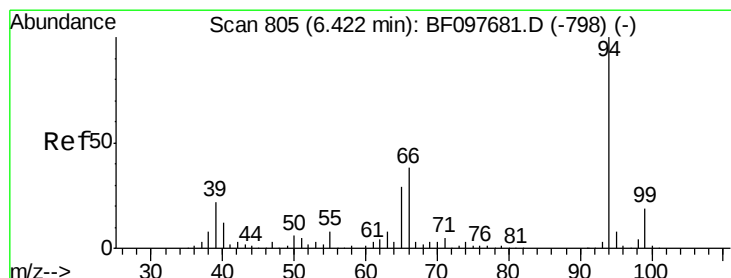
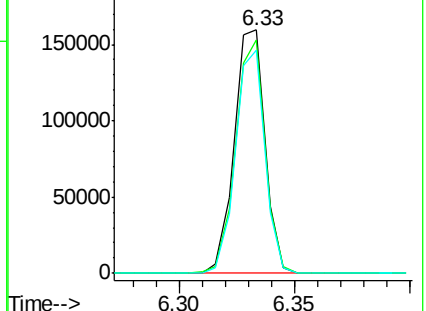
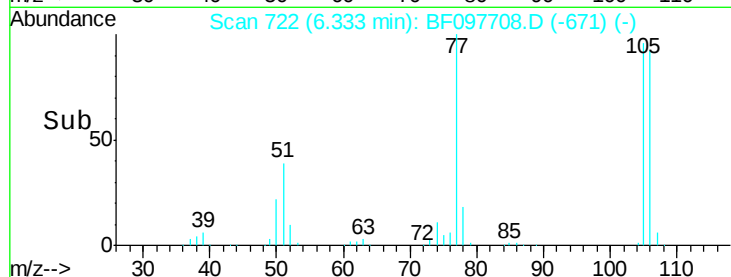
106 91.5 79.1 119.1



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: 37.23 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BF097708.D

Acq: 15 Aug 2017 23:19

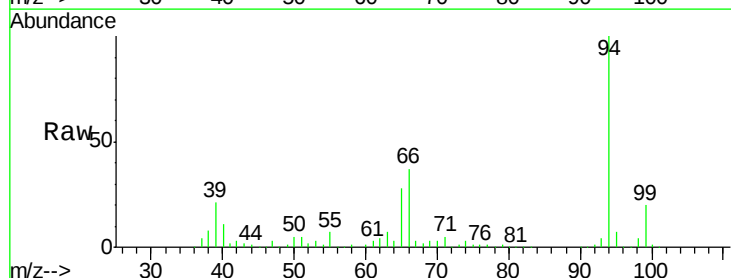
Tgt Ion: 94 Resp: 497215

Ion Ratio Lower Upper

94 100

65 28.2 9.9 49.9

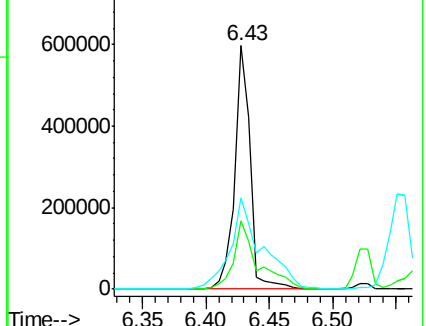
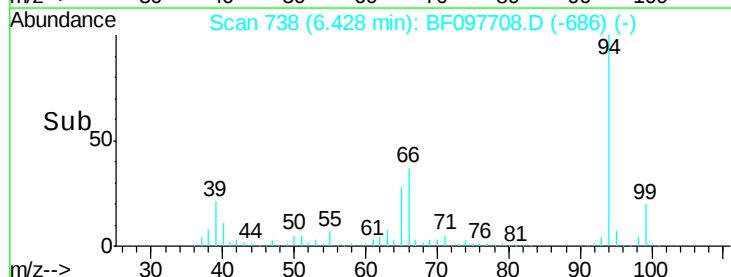
66 37.5 23.1 63.1

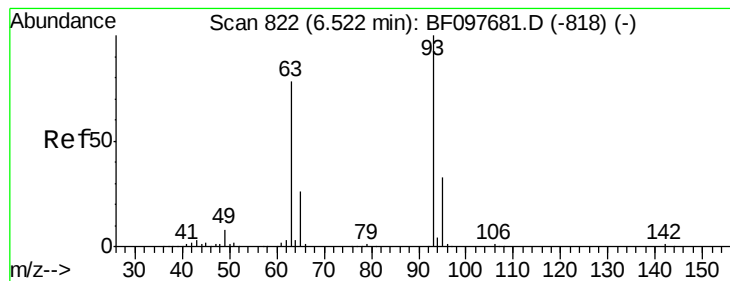


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 34.49 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF097708.D

Acq: 15 Aug 2017 23:19

Instrument :

BNA_F

ClientSampleId :

SB-24-COMPMSD

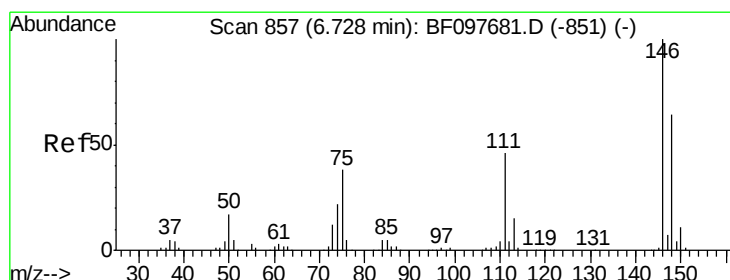
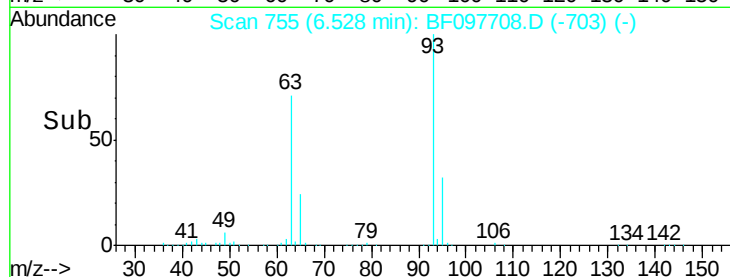
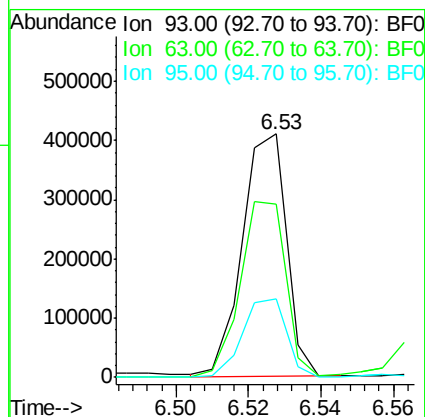
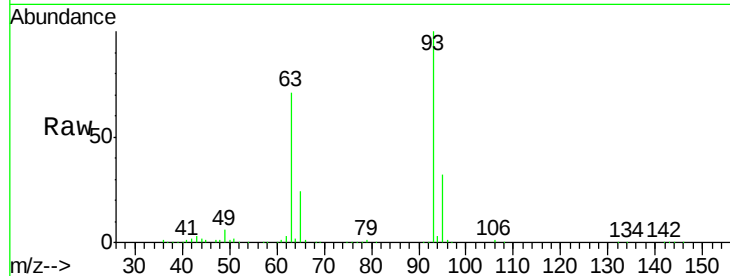
Tot Ion: 93 Resp: 347617

Ion Ratio Lower Upper

93 100

63 71.1 59.2 99.2

95 32.3 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 31.33 ng

RT: 6.73 min Scan# 789

Delta R.T. 0.00 min

Lab File: BF097708.D

Acq: 15 Aug 2017 23:19

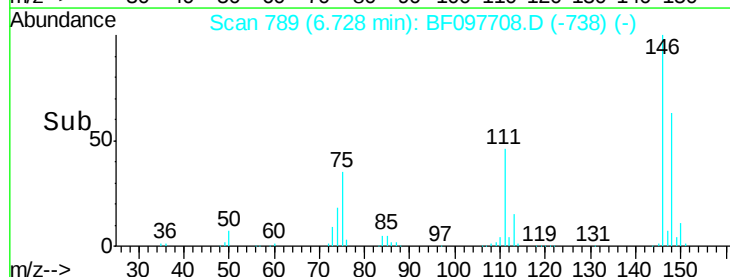
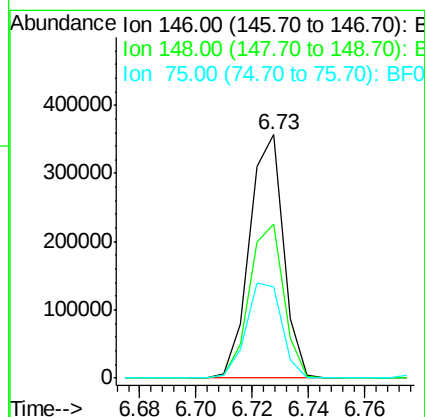
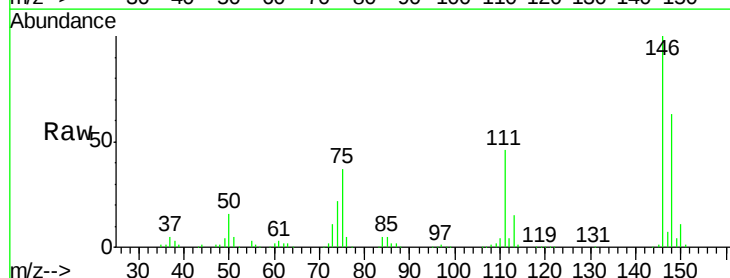
Tgt Ion: 146 Resp: 298709

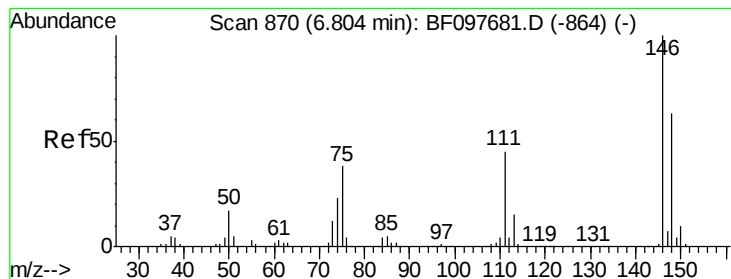
Ion Ratio Lower Upper

146 100

148 63.3 51.8 77.6

75 37.3 23.1 34.7#





#13

1,4-Dichlorobenzene

Concen: 31.41 ng

RT: 6.80 min Scan# 802

Delta R.T. 0.00 min

Lab File: BF097708.D

Acq: 15 Aug 2017 23:19

Instrument :

BNA_F

ClientSampleId :

SB-24-COMPMSD

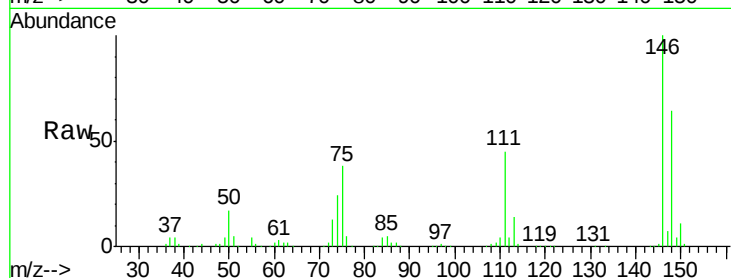
Tot Ion:146 Resp: 304509

Ion Ratio Lower Upper

146 100

148 63.8 52.2 78.2

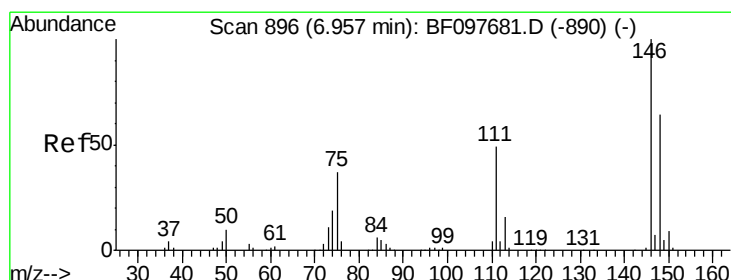
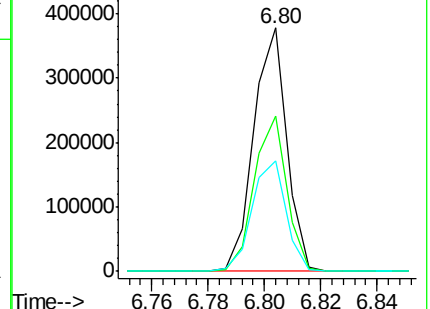
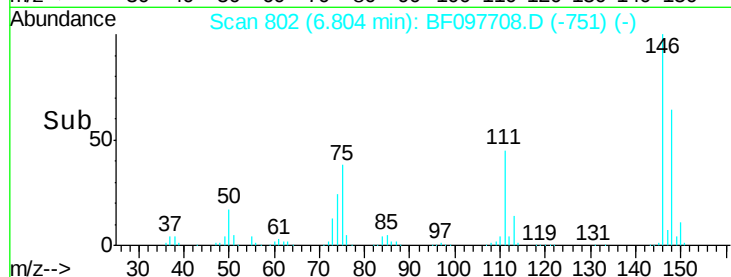
111 45.4 30.3 45.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 32.16 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF097708.D

Acq: 15 Aug 2017 23:19

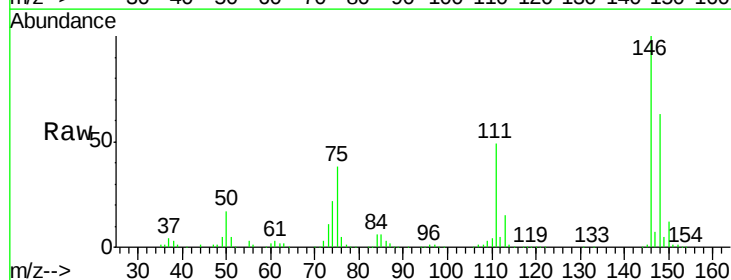
Tgt Ion:146 Resp: 287513

Ion Ratio Lower Upper

146 100

148 63.1 50.4 75.6

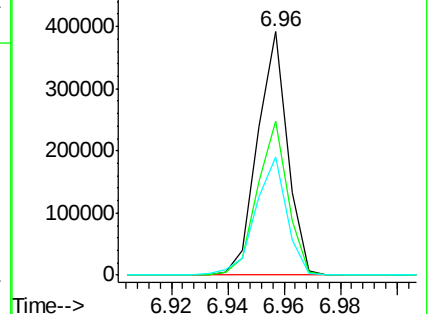
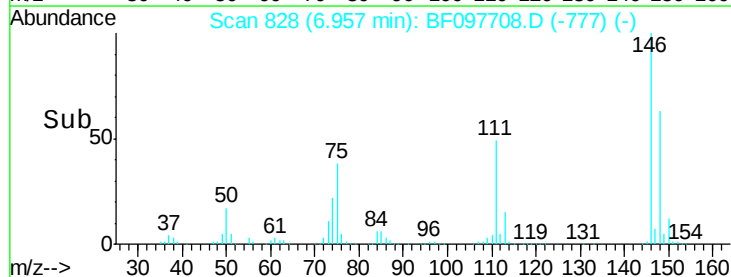
111 48.7 38.2 57.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.64 ng

RT: 6.93 min Scan# 823

Delta R.T. 0.00 min

Lab File: BF097708.D

Acq: 15 Aug 2017 23:19

Instrument :

BNA_F

ClientSampleId :

SB-24-COMPMSD

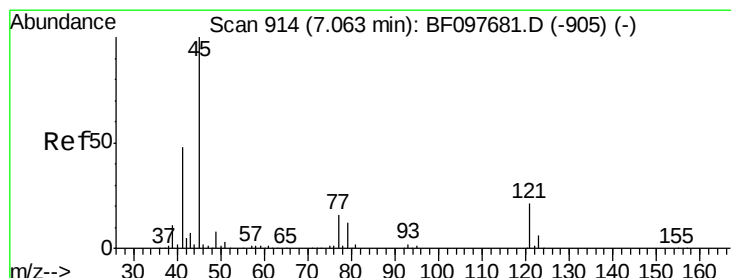
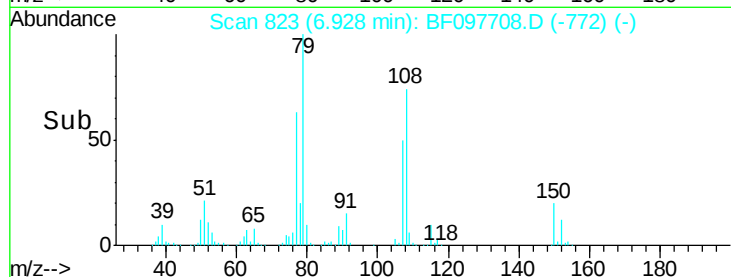
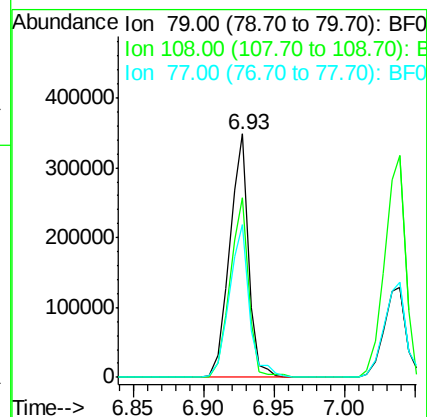
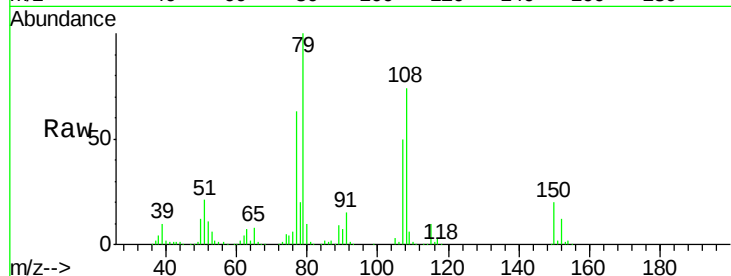
Tot Ion: 79 Resp: 321762

Ion Ratio Lower Upper

79 100

108 73.7 63.4 95.0

77 62.6 49.2 73.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.32 ng

RT: 7.06 min Scan# 846

Delta R.T. 0.00 min

Lab File: BF097708.D

Acq: 15 Aug 2017 23:19

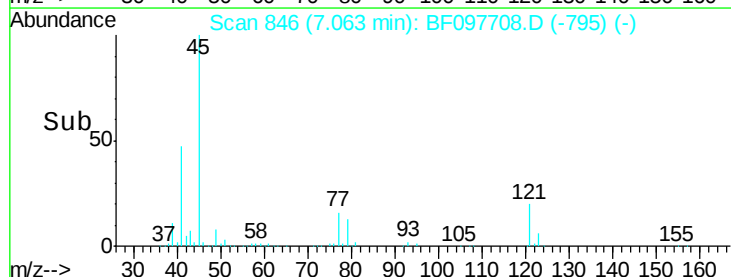
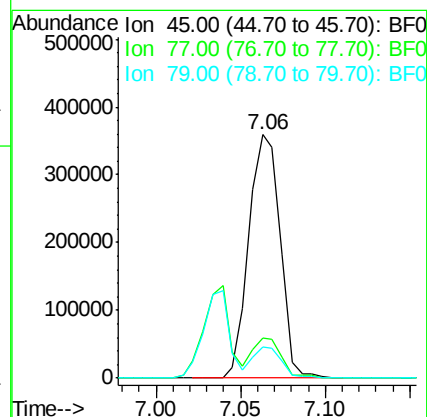
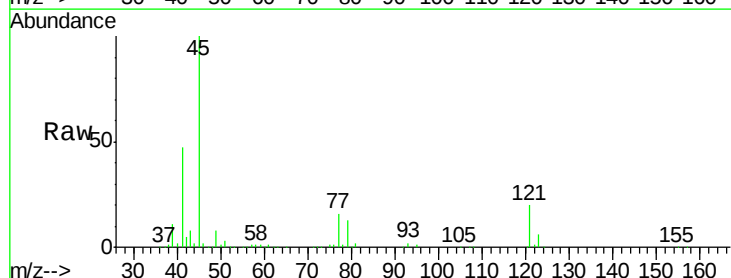
Tgt Ion: 45 Resp: 465437

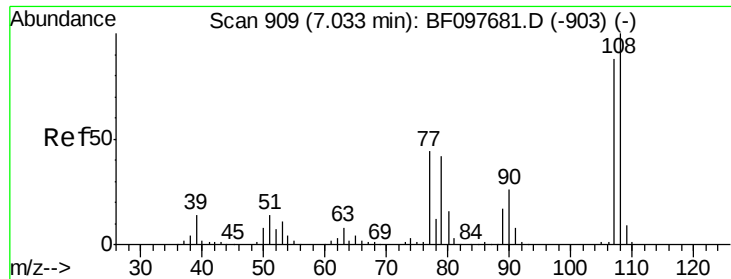
Ion Ratio Lower Upper

45 100

77 16.2 0.0 33.2

79 12.6 0.0 30.0





#17

2-Methylphenol

Concen: 35.95 ng

RT: 7.04 min Scan# 842

Delta R.T. 0.01 min

Lab File: BF097708.D

Acq: 15 Aug 2017 23:19

Instrument :

BNA_F

ClientSampleId :

SB-24-COMPMSD

Tot Ion:107 Resp: 280800

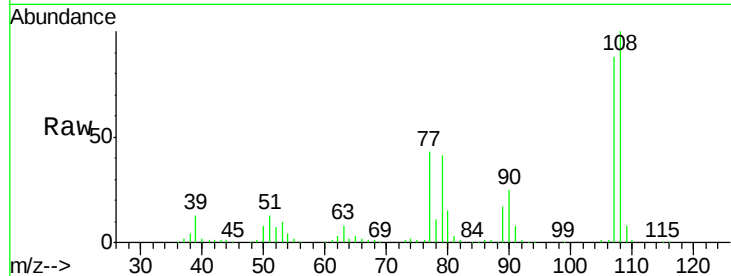
Ion Ratio Lower Upper

107 100

108 114.2 93.4 140.0

77 49.0 35.8 53.6

79 46.7 34.8 52.2

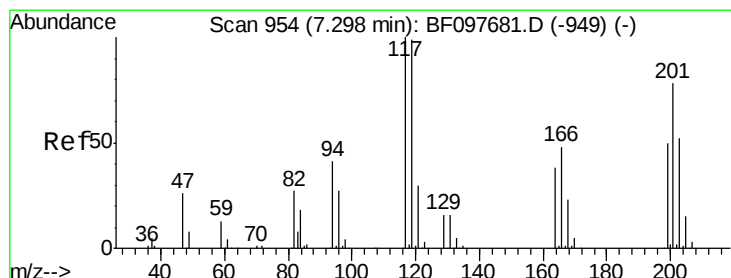
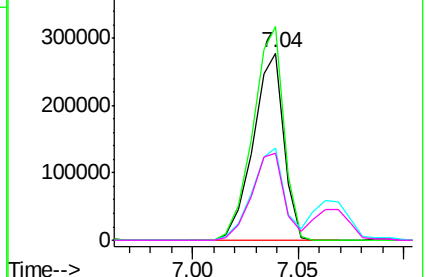
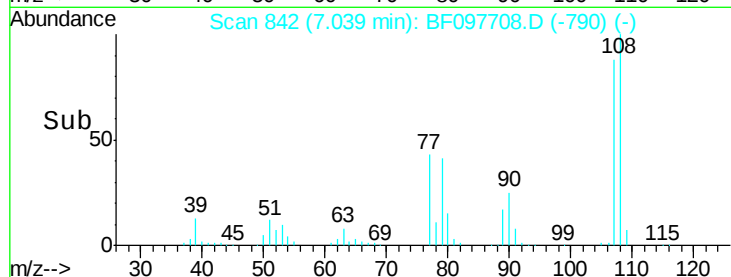


Abundance Ion 107.00 (106.70 to 107.70): E

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: 31.47 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.00 min

Lab File: BF097708.D

Acq: 15 Aug 2017 23:19

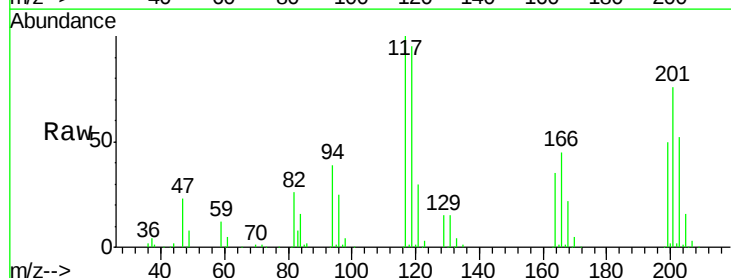
Tgt Ion:117 Resp: 119635

Ion Ratio Lower Upper

117 100

119 95.5 77.4 116.0

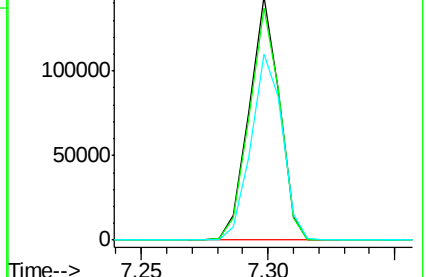
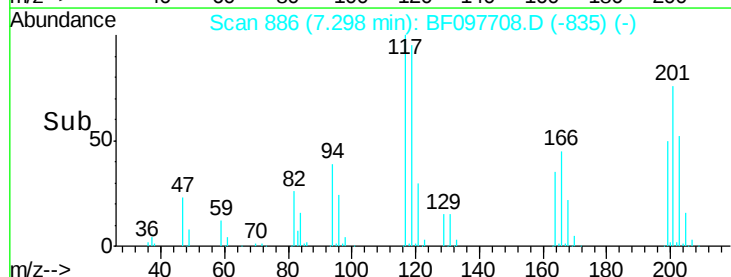
201 76.3 94.6 141.8#

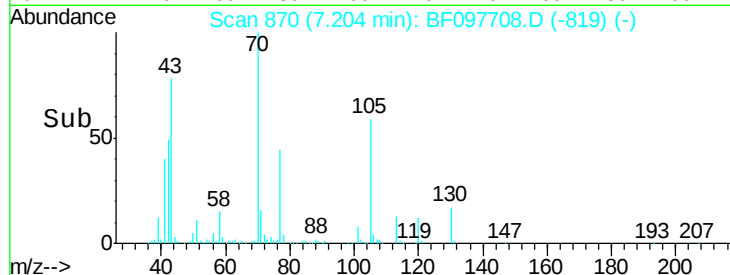
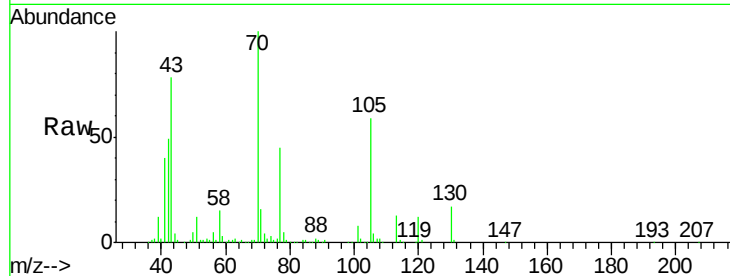
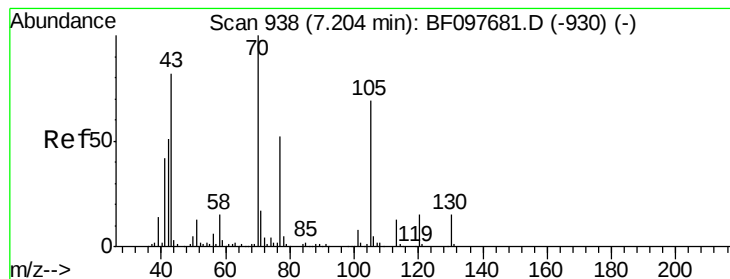


Abundance Ion 117.00 (116.70 to 117.70): E

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: 33.41 ng

RT: 7.20 min Scan# 870

Delta R.T. 0.00 min

Lab File: BF097708.D

Acq: 15 Aug 2017 23:19

Instrument :

BNA_F

ClientSampleId :

SB-24-COMPMSD

Tot Ion: 70 Resp: 261132

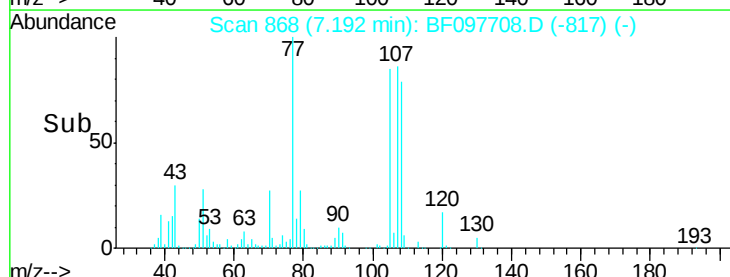
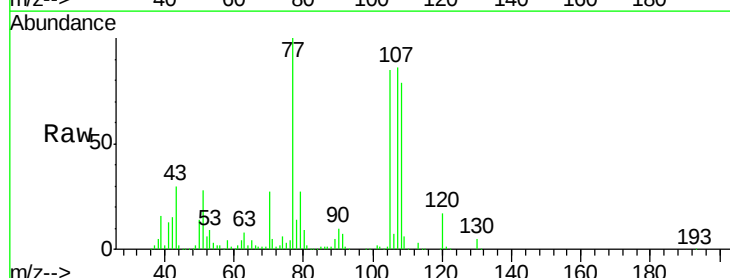
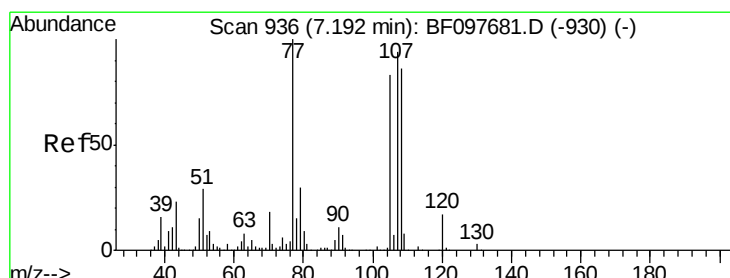
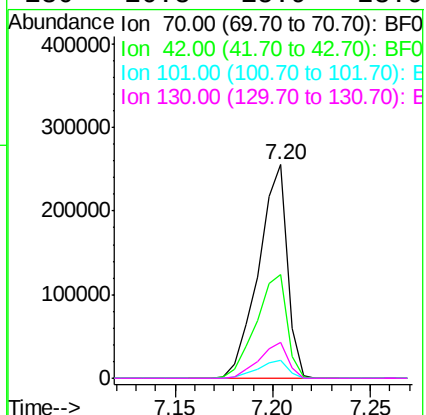
Ion Ratio Lower Upper

70 100

42 48.8 47.2 70.8

101 8.4 7.2 10.8

130 16.8 15.9 23.9



#20

3+4-Methylphenols

Concen: 36.05 ng

RT: 7.19 min Scan# 868

Delta R.T. 0.00 min

Lab File: BF097708.D

Acq: 15 Aug 2017 23:19

Tgt Ion:107 Resp: 343839

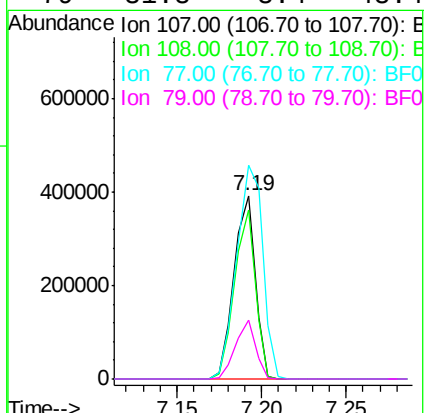
Ion Ratio Lower Upper

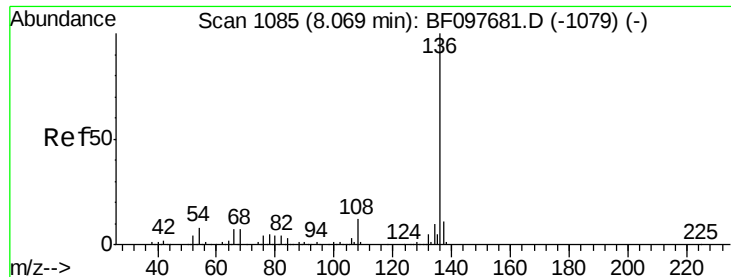
107 100

108 92.2 71.0 111.0

77 116.4 90.5 130.5

79 31.8 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.07 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BF097708.D

Acq: 15 Aug 2017 23:19

Instrument :

BNA_F

ClientSampleId :

SB-24-COMPMSD

Tot Ion:136 Resp: 511980

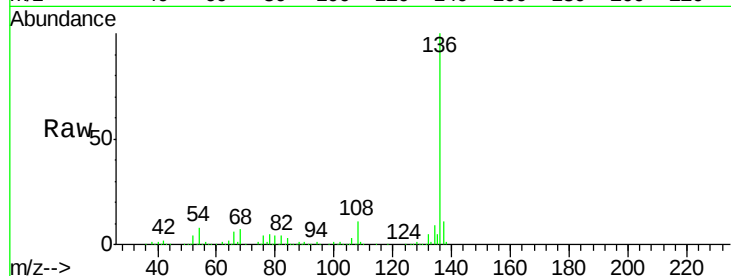
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 7.8 4.9 7.3#

68 7.3 4.1 6.1#

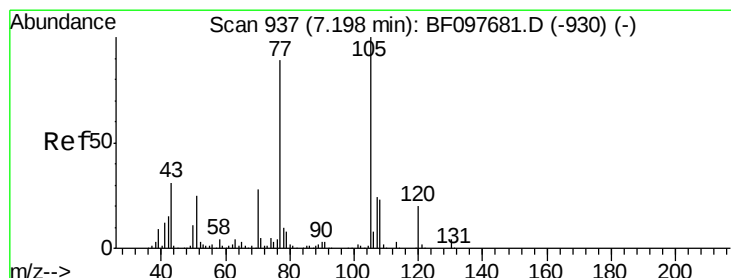
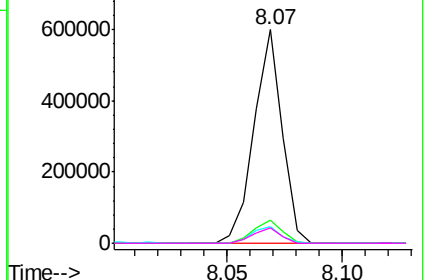
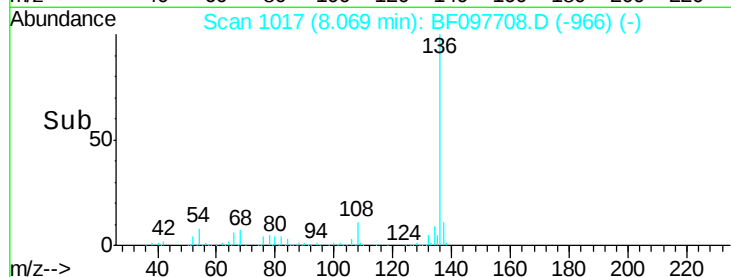


Abundance Ion 136.00 (135.70 to 136.70): E

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: 34.01 ng

RT: 7.20 min Scan# 869

Delta R.T. 0.00 min

Lab File: BF097708.D

Acq: 15 Aug 2017 23:19

Tgt Ion:105 Resp: 460031

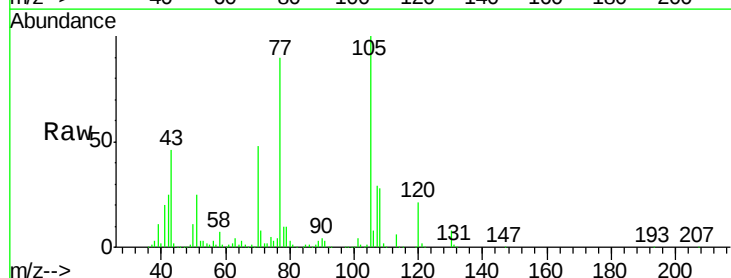
Ion Ratio Lower Upper

105 100

71 7.9 2.8 4.2#

51 24.6 30.7 46.1#

120 21.0 17.4 26.0

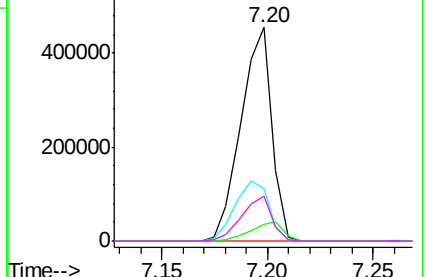
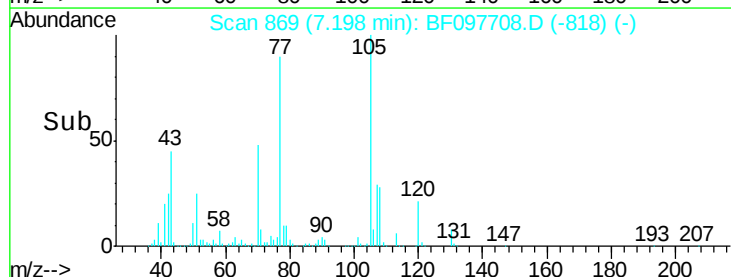


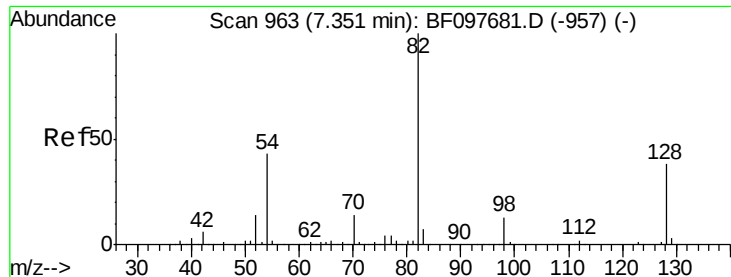
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

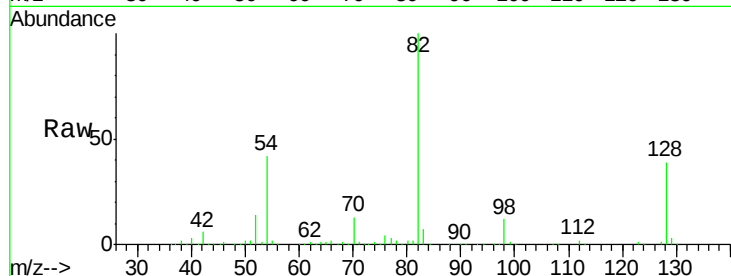




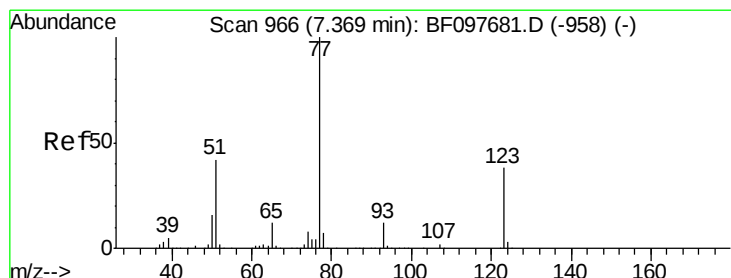
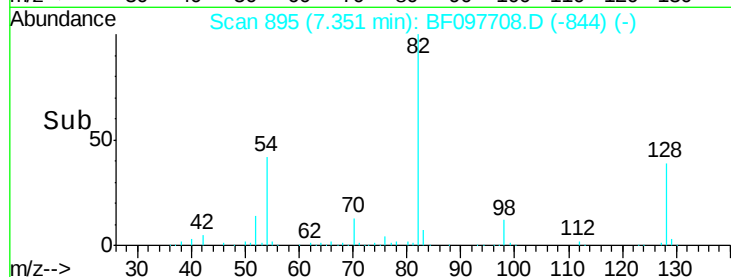
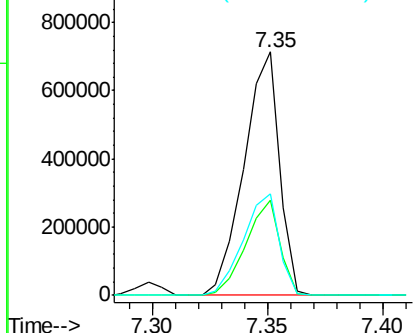
#23
 Nitrobenzene-d5
 Concen: 81.20 ng
 RT: 7.35 min Scan# 895
 Delta R.T. 0.00 min
 Lab File: BF097708.D
 Acq: 15 Aug 2017 23:19

Instrument :
 BNA_F
 ClientSampleId :
 SB-24-COMPMSD

Tot Ion	82	Resp	765253
Ion Ratio	100	Lower	Upper
128	38.8	34.0	51.0
54	41.9	42.2	63.2#

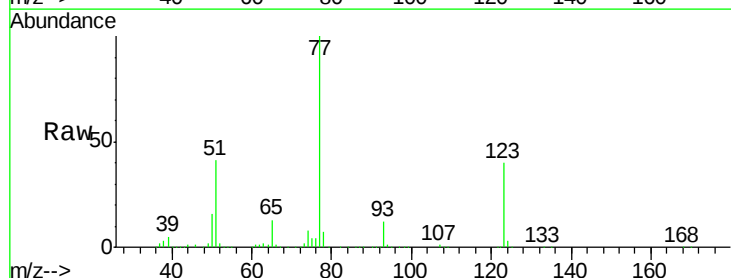


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

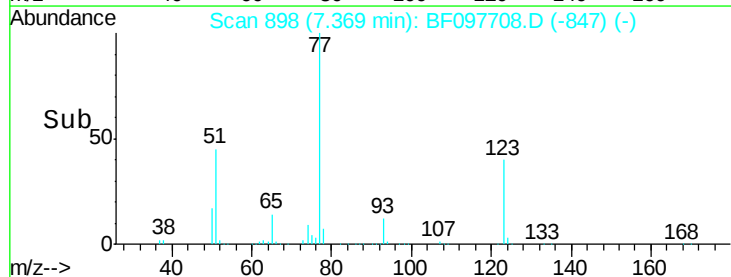
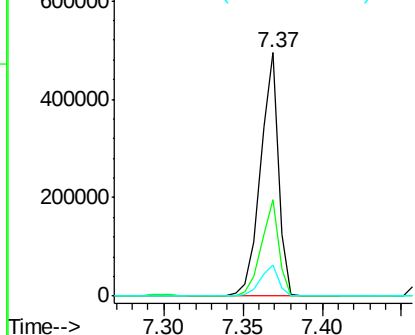


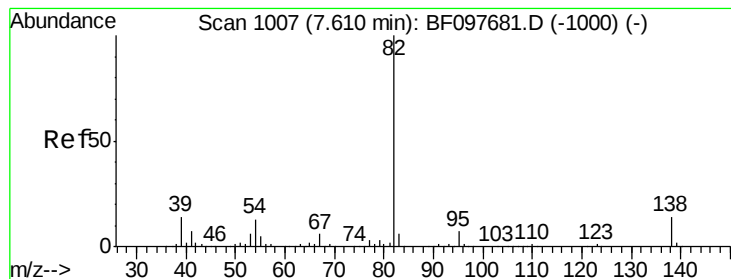
#24
 Nitrobenzene
 Concen: 37.35 ng
 RT: 7.37 min Scan# 898
 Delta R.T. 0.00 min
 Lab File: BF097708.D
 Acq: 15 Aug 2017 23:19

Tgt Ion	77	Resp	391927
Ion Ratio	100	Lower	Upper
123	39.7	35.8	53.8
65	12.8	10.6	15.8



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





#25

Isophorone

Concen: 36.00 ng

RT: 7.61 min Scan# 939

Delta R.T. 0.00 min

Lab File: BF097708.D

Acq: 15 Aug 2017 23:19

Instrument :

BNA_F

ClientSampleId :

SB-24-COMPMSD

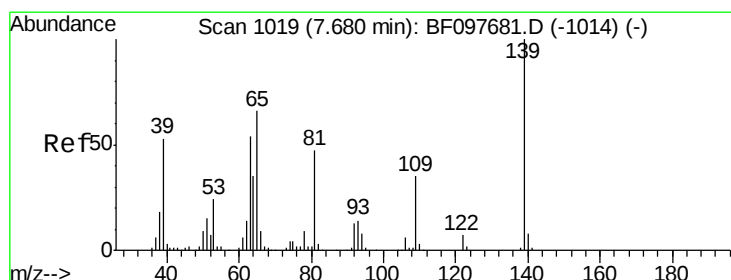
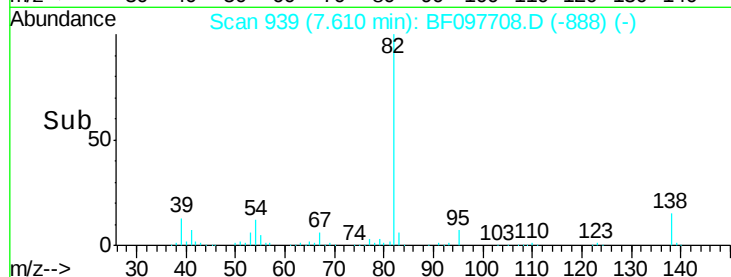
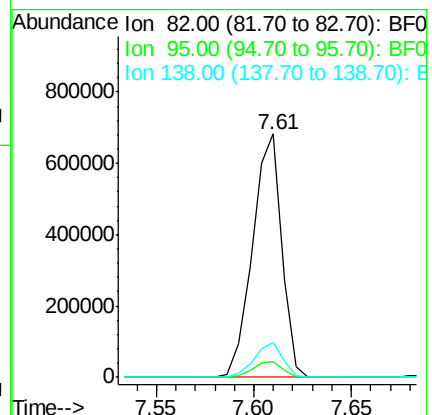
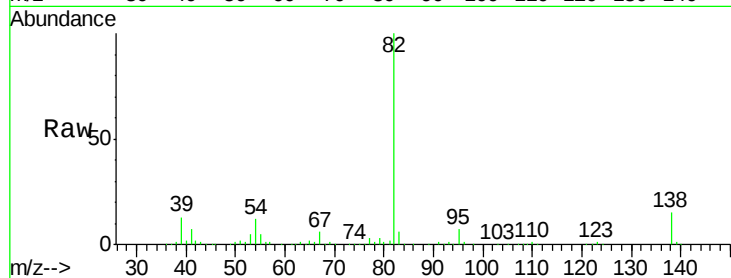
Tot Ion: 82 Resp: 705562

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

138 14.6 13.1 19.7



#26

2-Nitrophenol

Concen: 38.51 ng

RT: 7.68 min Scan# 951

Delta R.T. 0.00 min

Lab File: BF097708.D

Acq: 15 Aug 2017 23:19

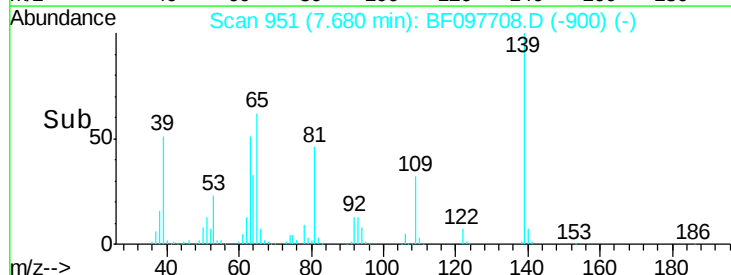
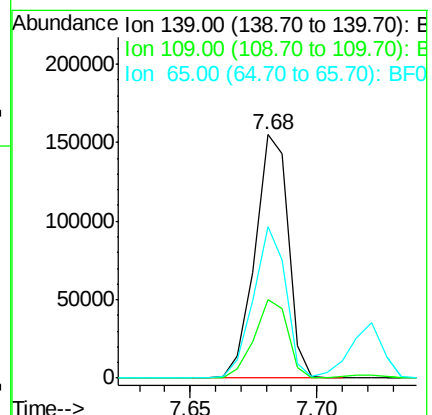
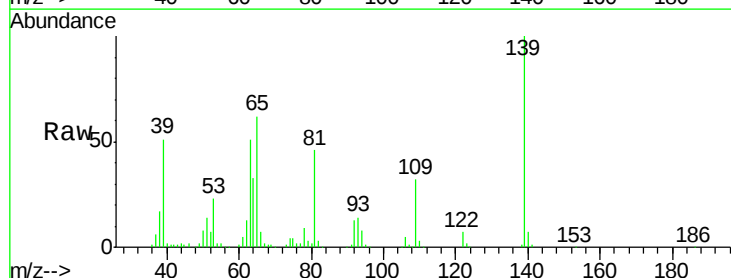
Tgt Ion: 139 Resp: 141988

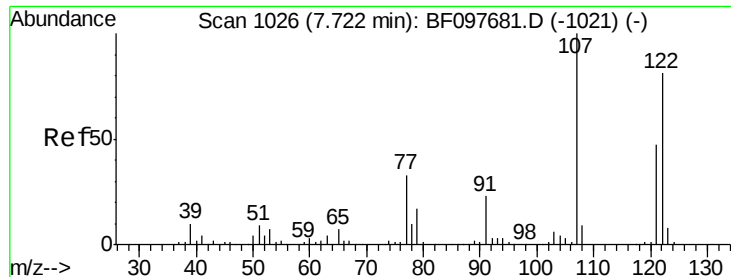
Ion Ratio Lower Upper

139 100

109 32.4 21.0 31.6#

65 62.4 33.0 49.6#

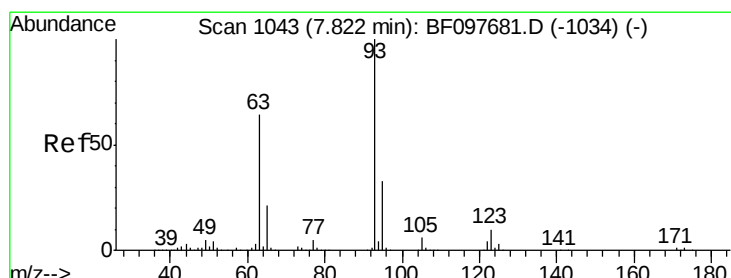
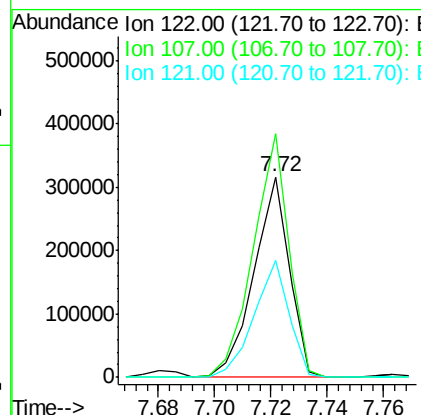
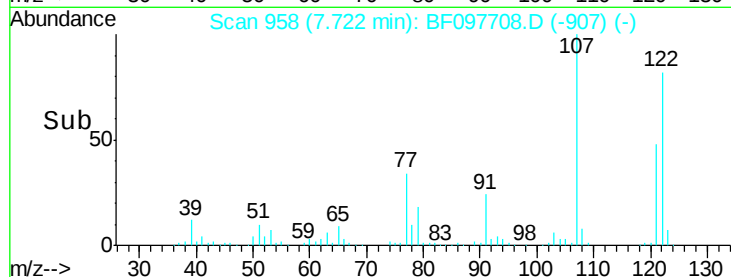
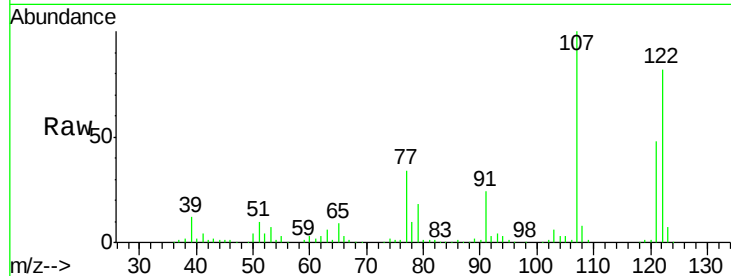




#27
 2,4-Dimethylphenol
 Concen: 33.55 ng
 RT: 7.72 min Scan# 958
 Delta R.T. 0.00 min
 Lab File: BF097708.D
 Acq: 15 Aug 2017 23:19

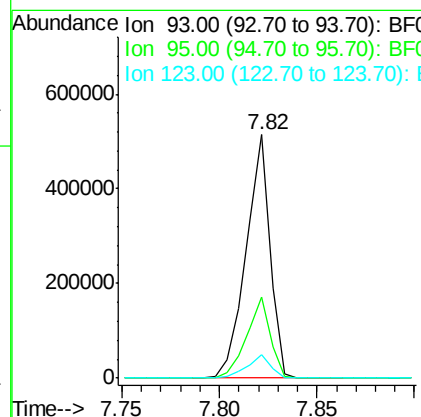
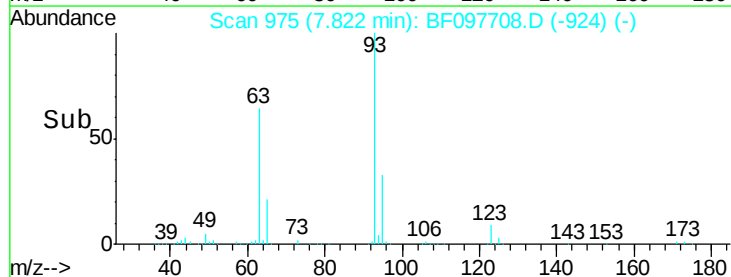
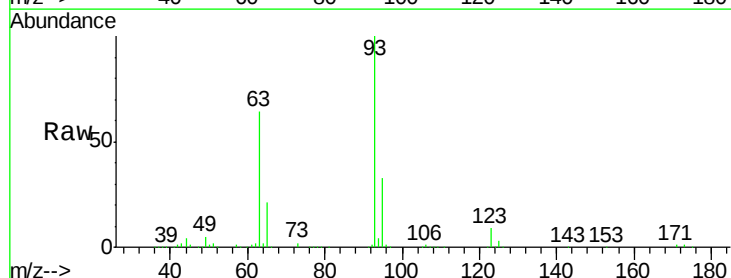
Instrument :
 BNA_F
 ClientSampleId :
 SB-24-COMPMSD

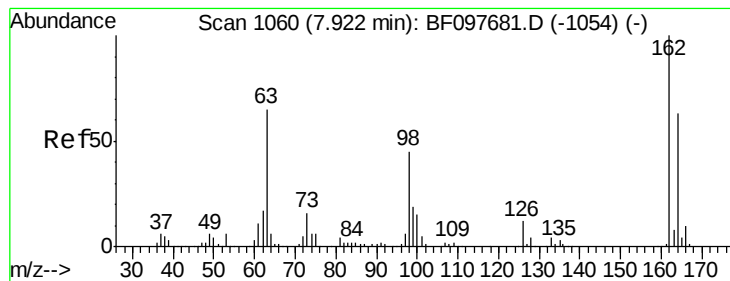
Tot Ion:	122	Resp:	274216
Ion	Ratio	Lower	Upper
122	100		
107	121.5	89.2	133.8
121	58.3	45.2	67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 33.96 ng
 RT: 7.82 min Scan# 975
 Delta R.T. 0.00 min
 Lab File: BF097708.D
 Acq: 15 Aug 2017 23:19

Tgt Ion:	93	Resp:	437582
Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.5	39.7
123	9.4	9.0	13.4





#29

2,4-Dichlorophenol

Concen: 35.26 ng

RT: 7.92 min Scan# 992

Delta R.T. 0.00 min

Lab File: BF097708.D

Acq: 15 Aug 2017 23:19

Instrument :

BNA_F

ClientSampleId :

SB-24-COMPMSD

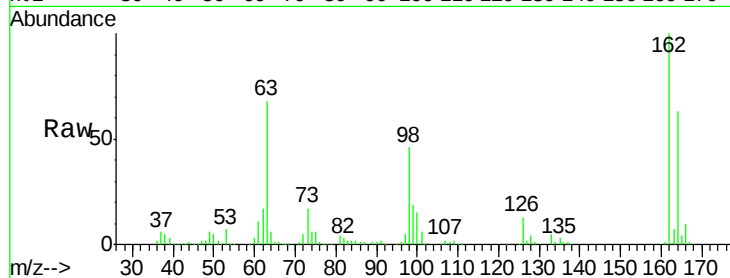
Tot Ion:162 Resp: 239223

Ion Ratio Lower Upper

162 100

164 63.3 44.6 84.6

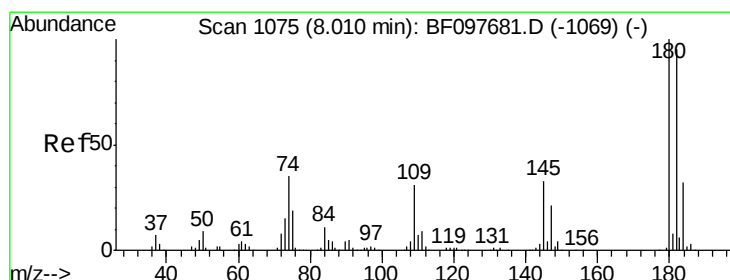
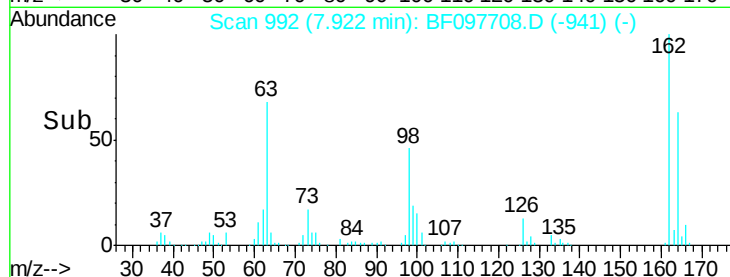
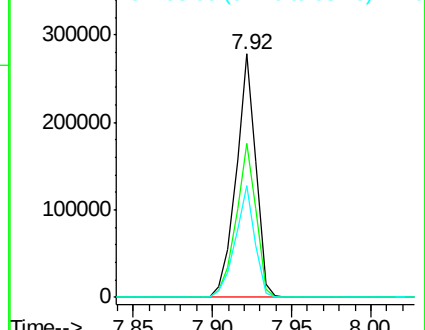
98 45.8 14.8 54.8



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: 31.82 ng

RT: 8.01 min Scan# 1007

Delta R.T. 0.00 min

Lab File: BF097708.D

Acq: 15 Aug 2017 23:19

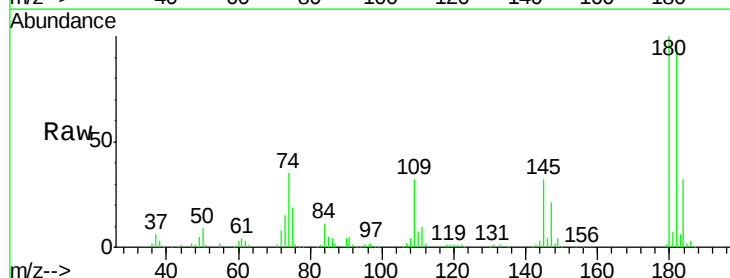
Tgt Ion:180 Resp: 239293

Ion Ratio Lower Upper

180 100

182 95.6 75.8 113.6

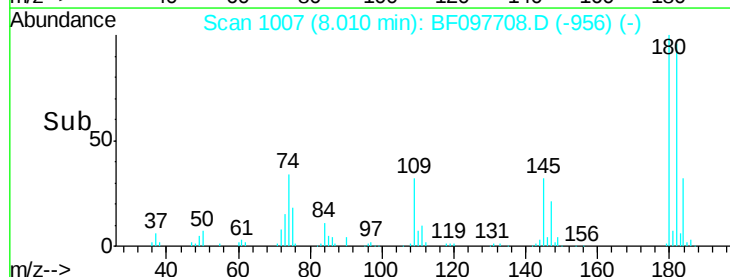
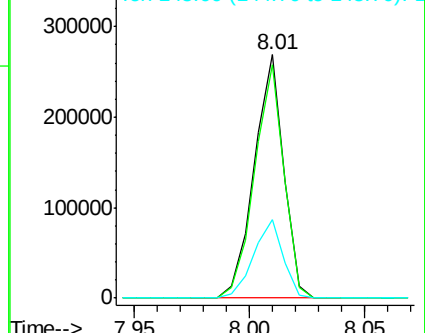
145 32.4 25.3 37.9

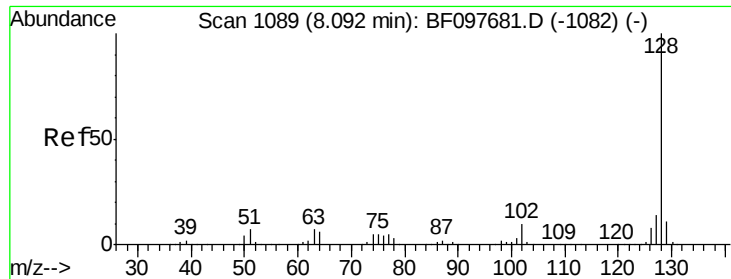


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

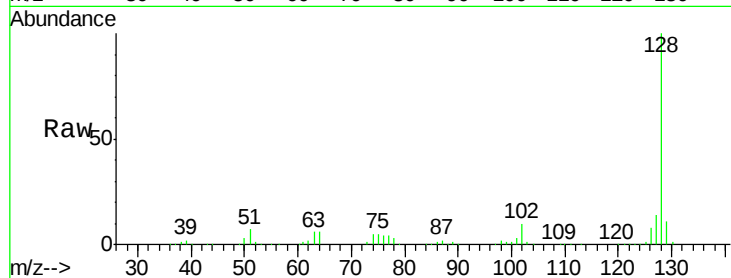




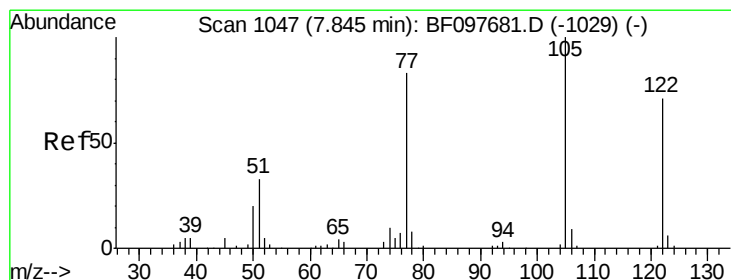
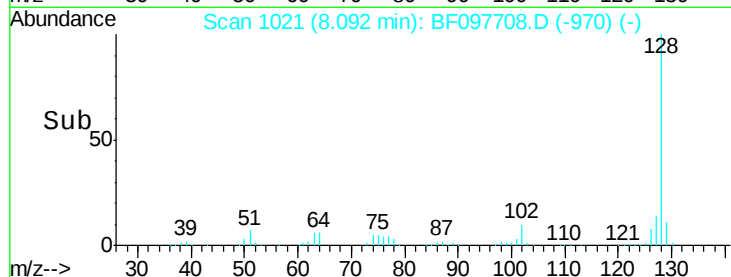
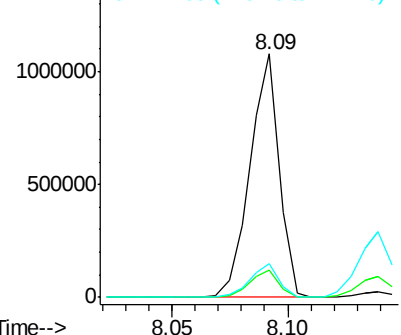
#31
Naphthalene
Concen: 35.67 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF097708.D
Acq: 15 Aug 2017 23:19

Instrument :
BNA_F
ClientSampleId :
SB-24-COMPMSD

Tot Ion:128 Resp: 947983
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.7 10.8 16.2

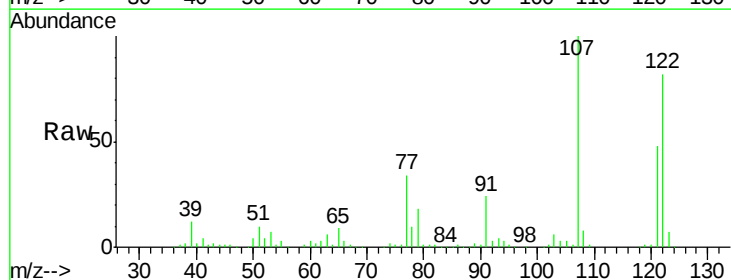


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

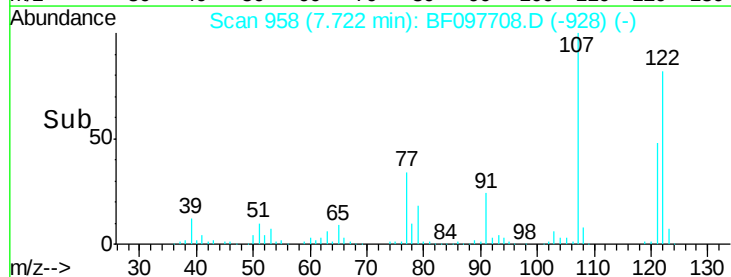
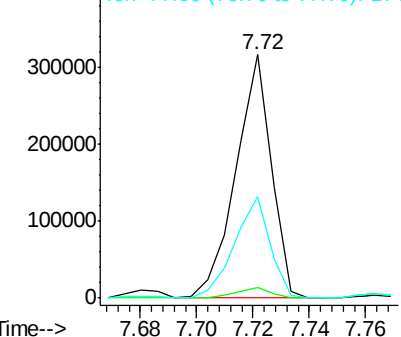


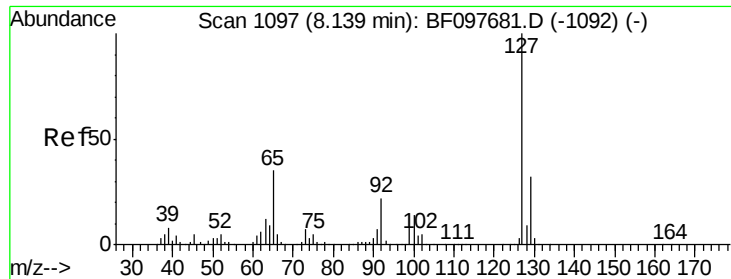
#32
Benzoic acid
Concen: 46.31 ng
RT: 7.72 min Scan# 958
Delta R.T. -0.12 min
Lab File: BF097708.D
Acq: 15 Aug 2017 23:19

Tgt Ion:122 Resp: 274216
Ion Ratio Lower Upper
122 100
105 4.2 103.3 143.3#
77 41.8 73.7 113.7#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

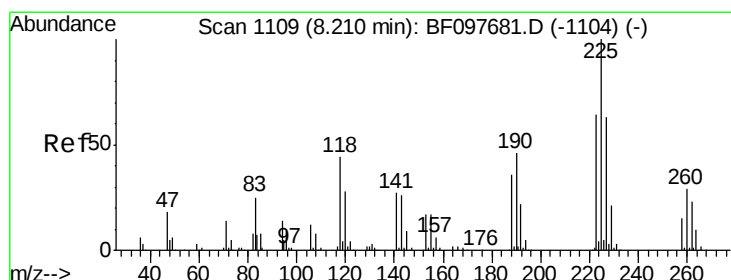
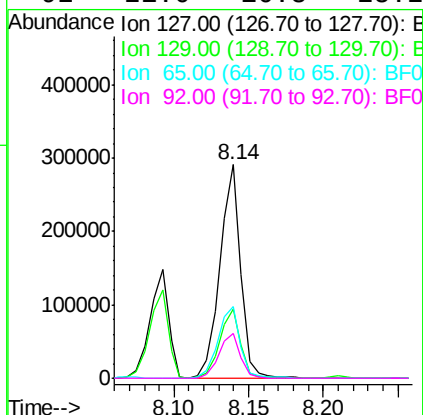
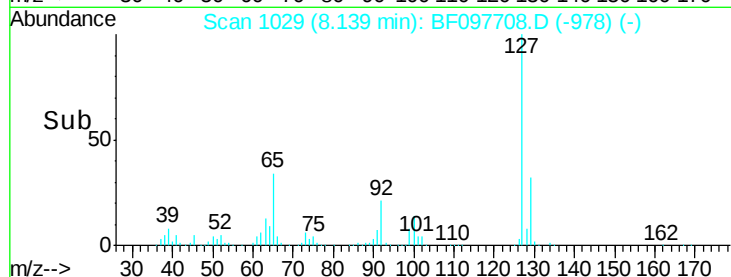
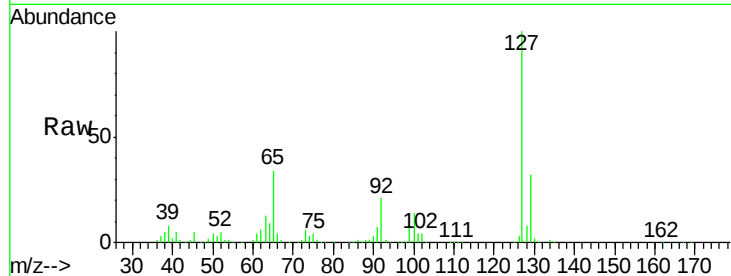




#33
4-Chloroaniline
Concen: 25.37 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF097708.D
Acq: 15 Aug 2017 23:19

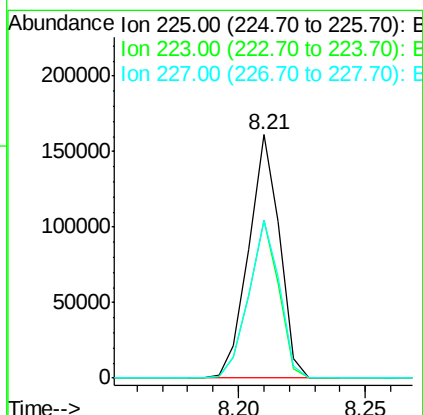
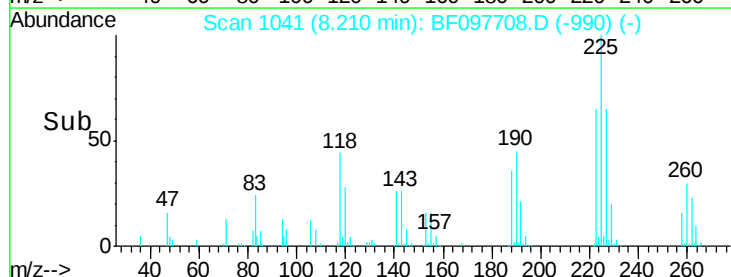
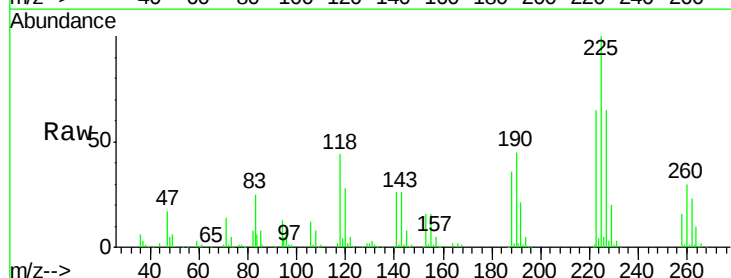
Instrument :
BNA_F
ClientSampleId :
SB-24-COMPMSD

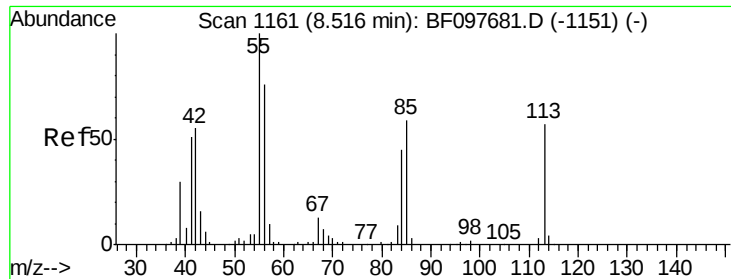
Tot Ion:127 Resp: 284413
Ion Ratio Lower Upper
127 100
129 32.3 26.2 39.2
65 33.6 27.8 41.8
92 21.0 16.8 25.2



#34
Hexachlorobutadiene
Concen: 31.03 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF097708.D
Acq: 15 Aug 2017 23:19

Tgt Ion:225 Resp: 136250
Ion Ratio Lower Upper
225 100
223 65.0 48.8 73.2
227 64.9 51.1 76.7





#35

Caprolactam

Concen: 25.17 ng

RT: 8.50 min Scan# 1090

Delta R.T. -0.02 min

Lab File: BF097708.D

Acq: 15 Aug 2017 23:19

Instrument :

BNA_F

ClientSampleId :

SB-24-COMPMSD

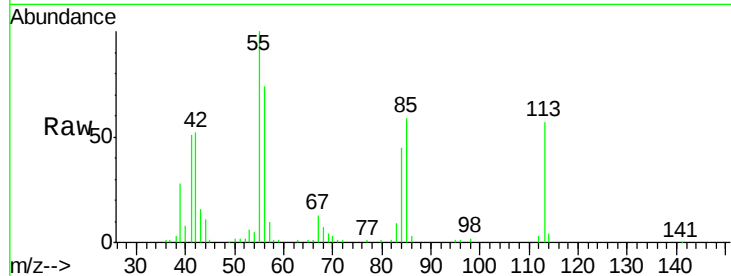
Tot Ion:113 Resp: 58043

Ion Ratio Lower Upper

113 100

55 175.6 150.2 190.2

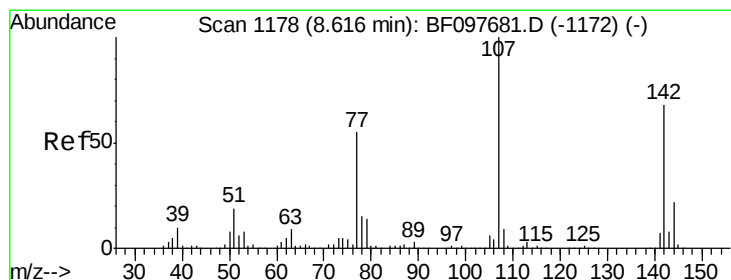
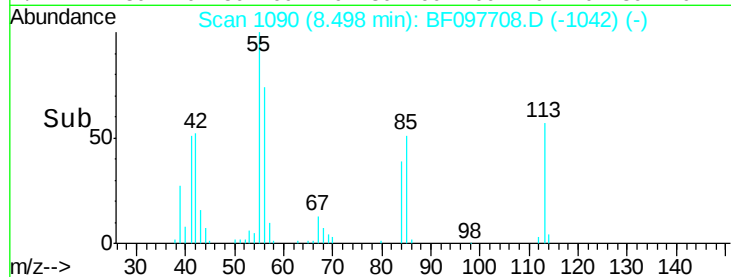
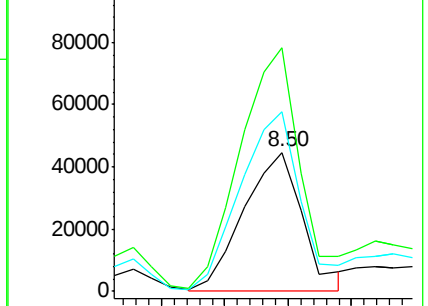
56 129.3 107.8 147.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 34.02 ng

RT: 8.62 min Scan# 1110

Delta R.T. 0.00 min

Lab File: BF097708.D

Acq: 15 Aug 2017 23:19

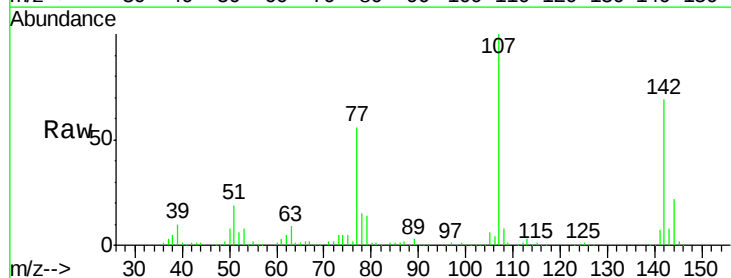
Tgt Ion:107 Resp: 296527

Ion Ratio Lower Upper

107 100

144 22.4 24.2 36.4#

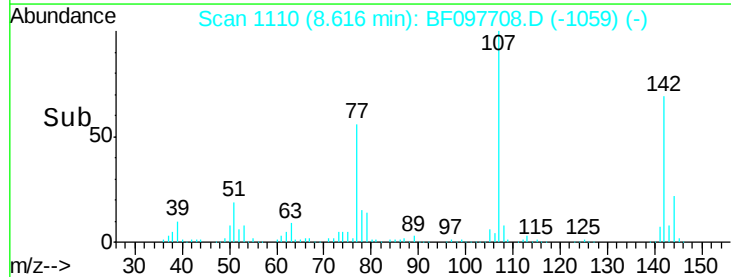
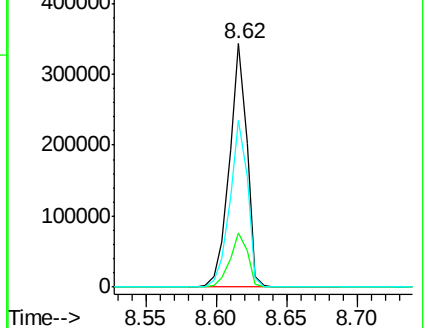
142 68.6 73.4 110.0#

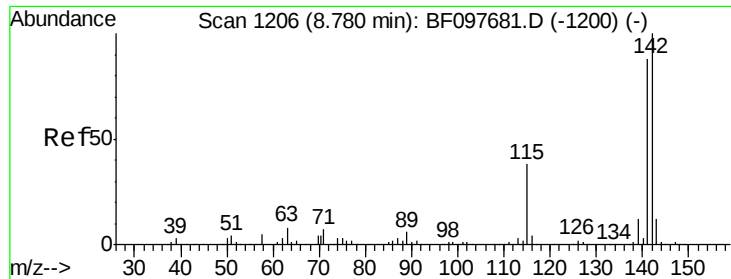


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

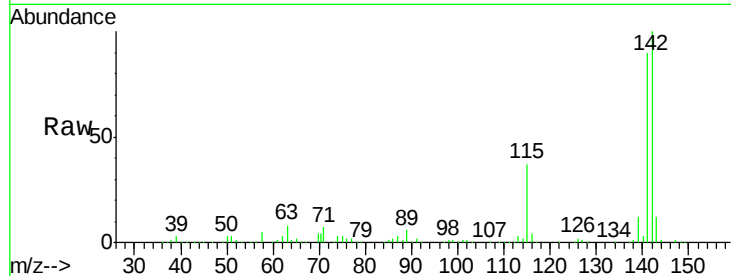




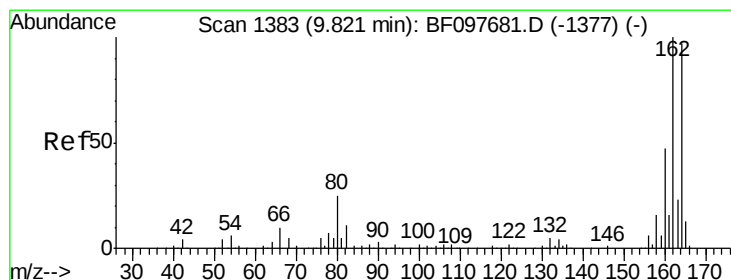
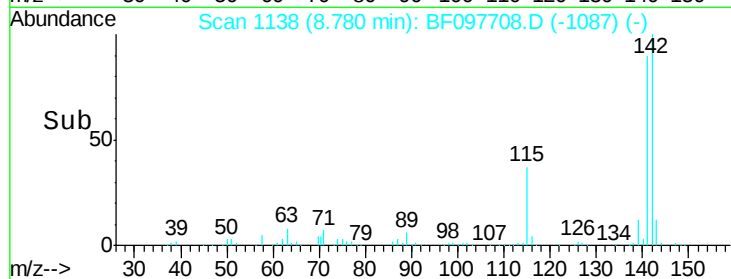
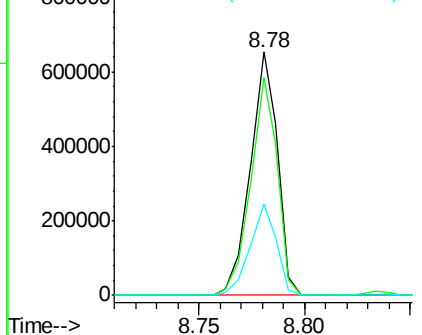
#37
 2-Methylnaphthalene
 Concen: 35.70 ng
 RT: 8.78 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: BF097708.D
 Acq: 15 Aug 2017 23:19

Instrument :
 BNA_F
 ClientSampleId :
 SB-24-COMPMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.3	106.9
115	37.4	27.1	40.7

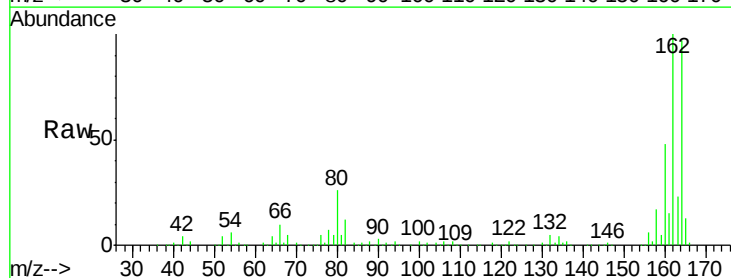


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

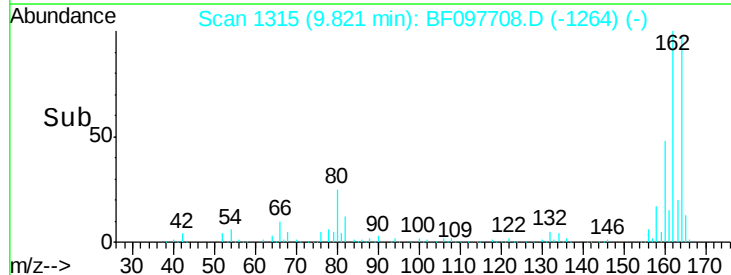
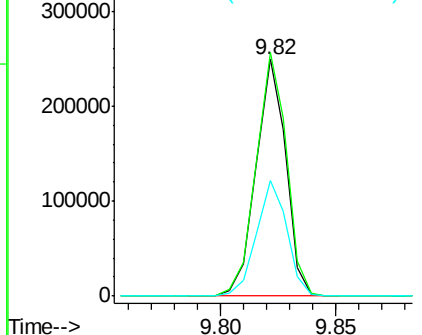


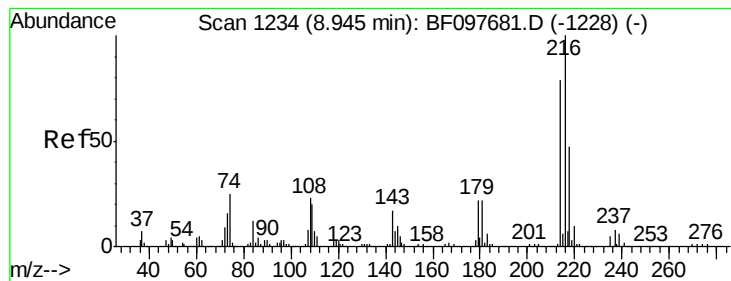
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: BF097708.D
 Acq: 15 Aug 2017 23:19

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.7	82.6	123.8
160	49.0	36.2	54.2



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: 32.45 ng

RT: 8.95 min Scan# 1166

Delta R.T. 0.00 min

Lab File: BF097708.D

Acq: 15 Aug 2017 23:19

Instrument :

BNA_F

ClientSampleId :

SB-24-COMPMSD

Tot Ion:216 Resp: 224423

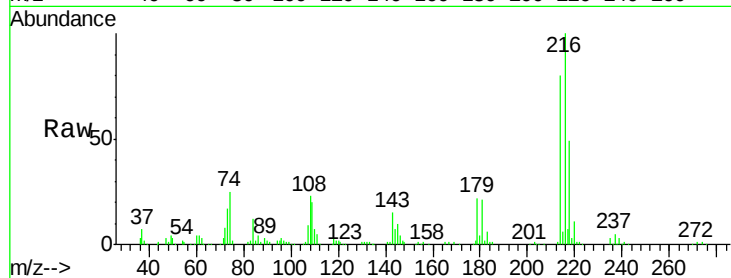
Ion Ratio Lower Upper

216 100

214 80.1 63.4 95.2

179 21.6 17.9 26.9

108 24.6 16.5 24.7

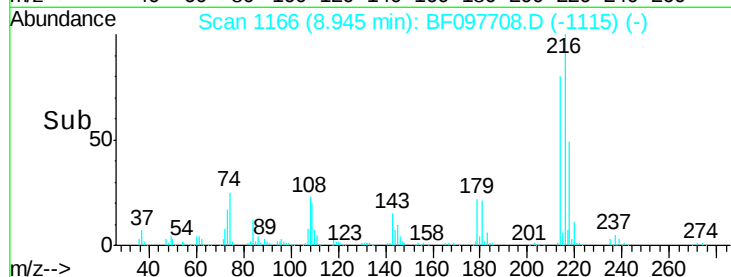


Abundance Ion 216.00 (215.70 to 216.70): E

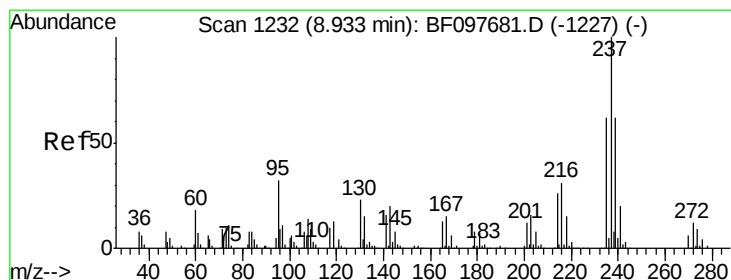
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 33.41 ng

RT: 8.93 min Scan# 1164

Delta R.T. 0.00 min

Lab File: BF097708.D

Acq: 15 Aug 2017 23:19

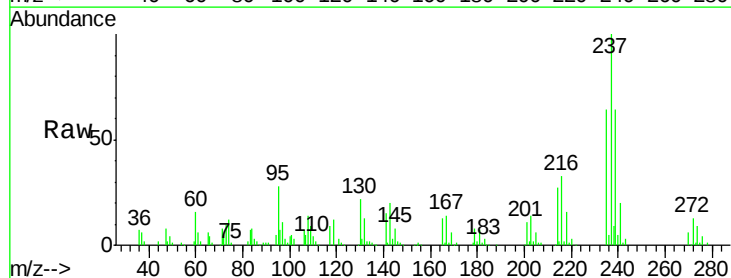
Tgt Ion:237 Resp: 110984

Ion Ratio Lower Upper

237 100

235 63.6 42.6 82.6

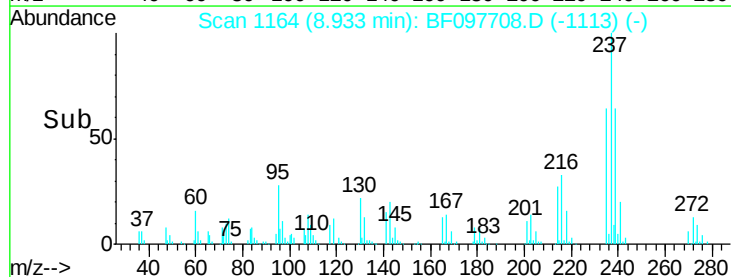
272 12.8 0.0 31.9



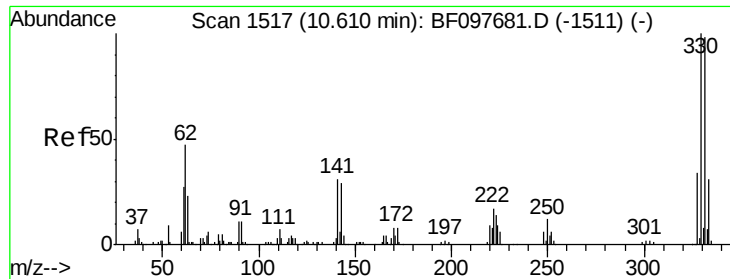
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



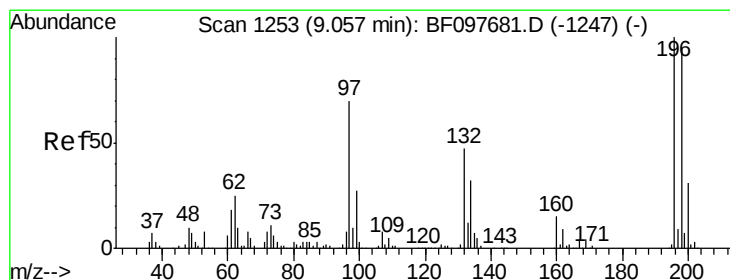
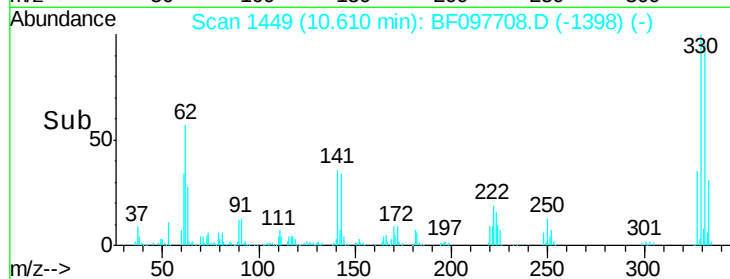
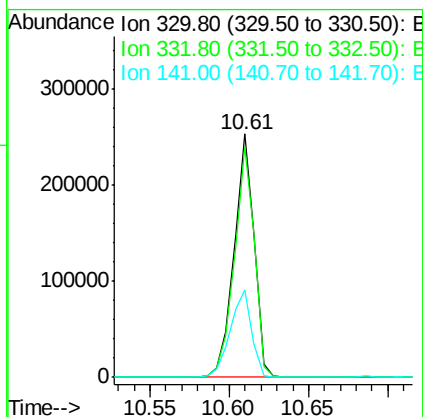
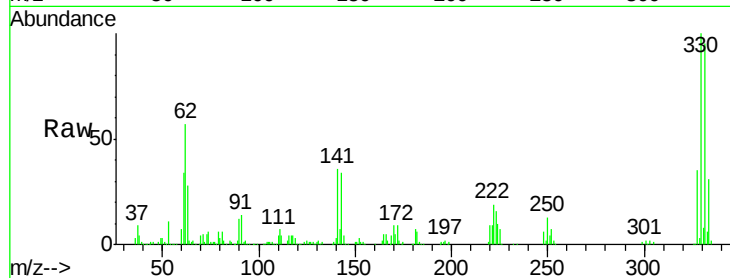
Time-->



#41
 2,4,6-Tribromophenol
 Concen: 113.80 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. 0.00 min
 Lab File: BF097708.D
 Acq: 15 Aug 2017 23:19

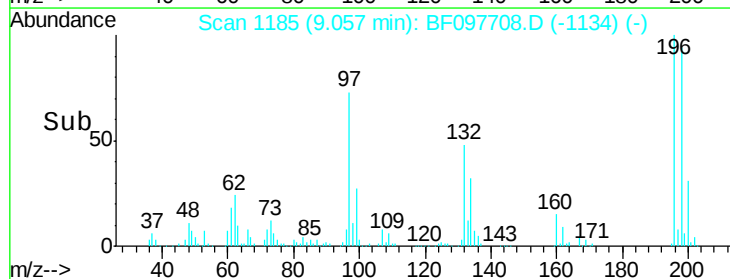
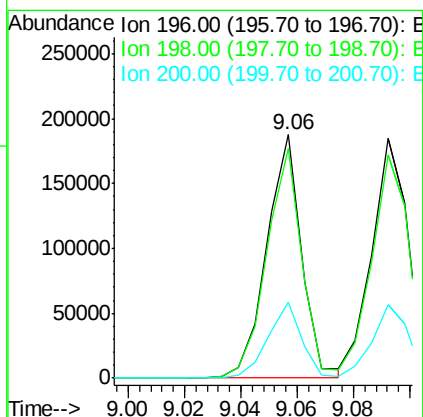
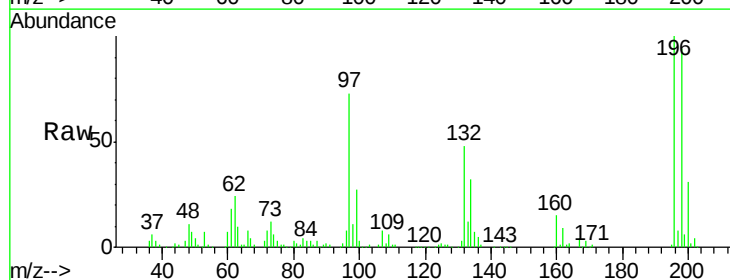
Instrument :
 BNA_F
 ClientSampleId :
 SB-24-COMPMSD

Tot Ion:330 Resp: 222488
 Ion Ratio Lower Upper
 330 100
 332 94.9 76.6 115.0
 141 38.6 31.4 47.2



#42
 2,4,6-Trichlorophenol
 Concen: 34.66 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. 0.00 min
 Lab File: BF097708.D
 Acq: 15 Aug 2017 23:19

Tgt Ion:196 Resp: 160933
 Ion Ratio Lower Upper
 196 100
 198 94.0 74.2 111.4
 200 31.1 24.0 36.0

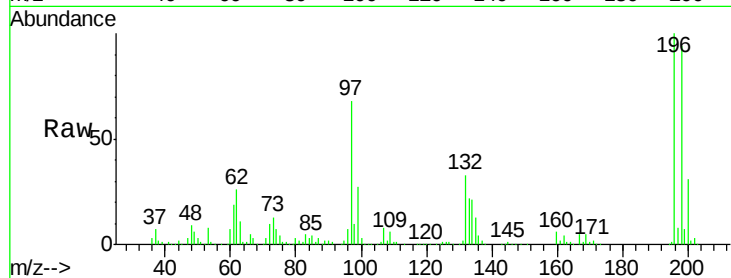




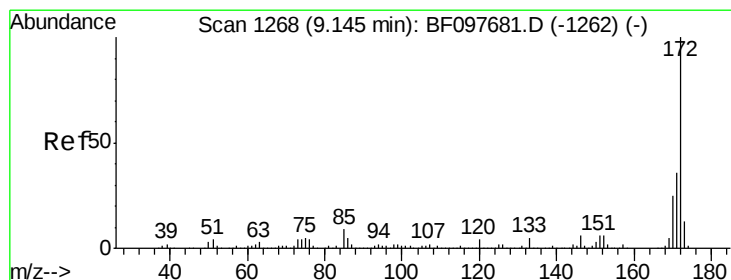
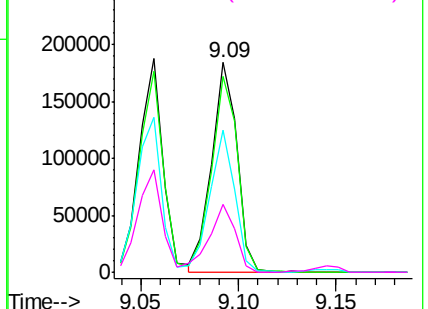
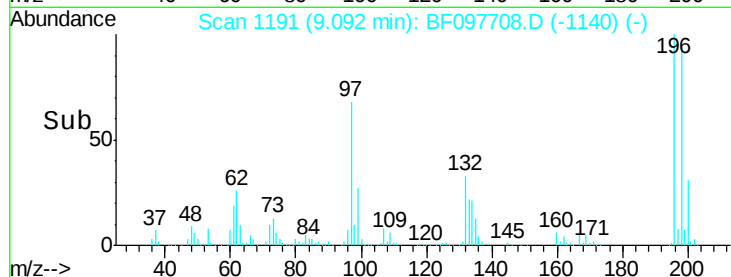
#43
 2,4,5-Trichlorophenol
 Concen: 36.03 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: BF097708.D
 Acq: 15 Aug 2017 23:19

Instrument :
 BNA_F
 ClientSampleId :
 SB-24-COMPMSD

Tot Ion:196 Resp: 165937
 Ion Ratio Lower Upper
 196 100
 198 93.5 75.7 113.5
 97 67.8 47.7 71.5
 132 32.6 28.0 42.0

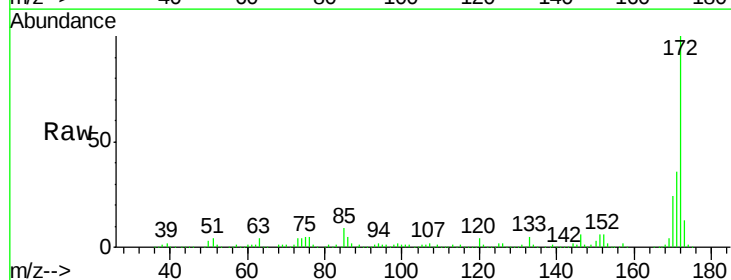


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

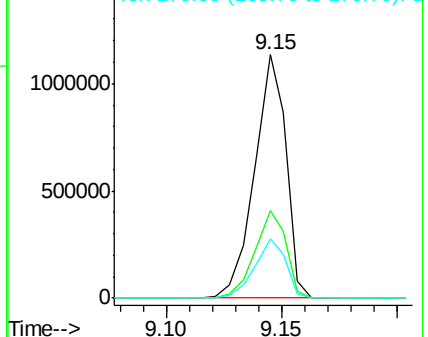
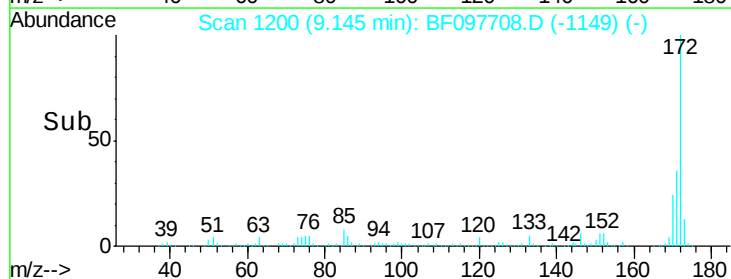


#44
 2-Fluorobiphenyl
 Concen: 70.06 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF097708.D
 Acq: 15 Aug 2017 23:19

Tgt Ion:172 Resp: 1074543
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.6 44.4
 170 24.3 19.8 29.8



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

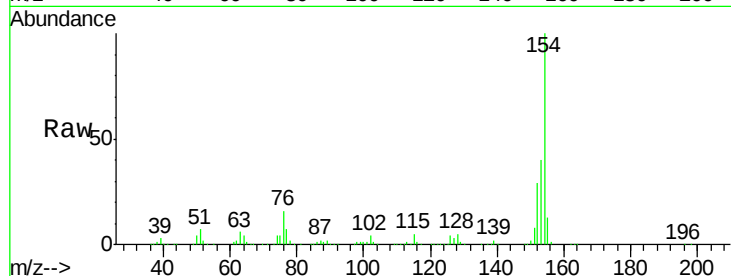




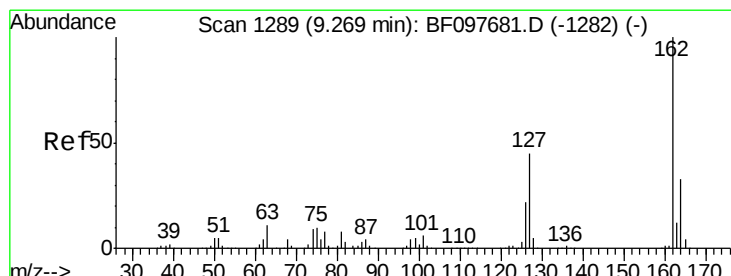
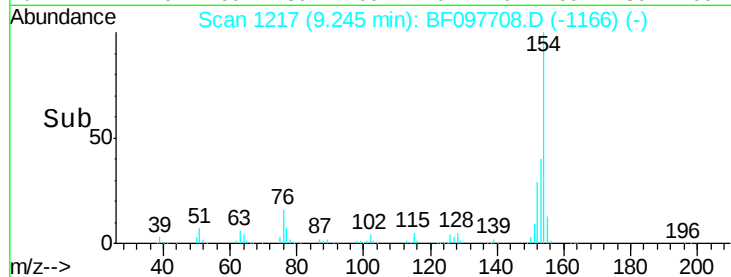
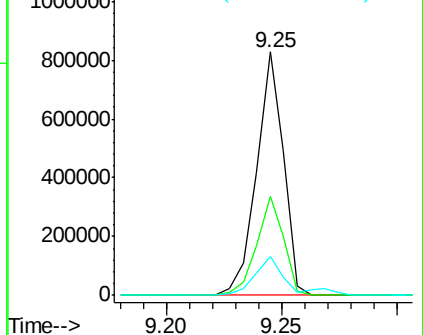
#45
 1,1'-Biphenyl
 Concen: 32.74 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: BF097708.D
 Acq: 15 Aug 2017 23:19

Instrument :
 BNA_F
 ClientSampleId :
 SB-24-COMPMSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.5	21.2	61.2
76	16.0	0.0	29.9

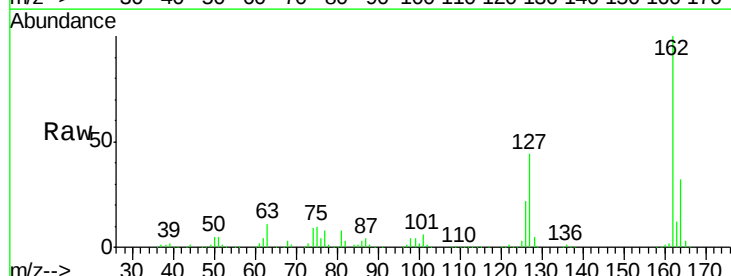


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

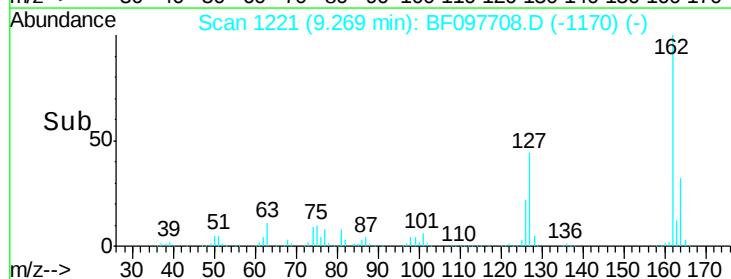
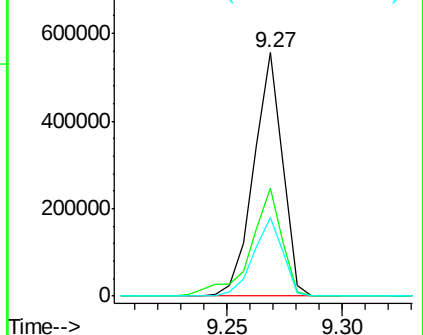


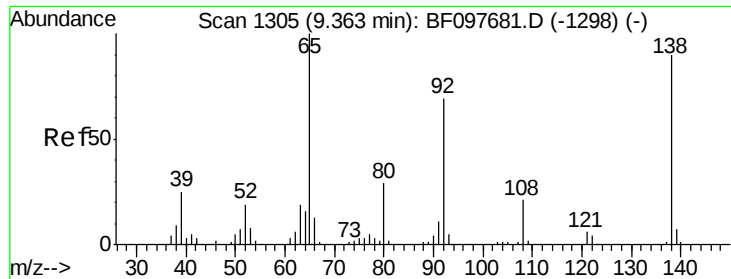
#46
 2-Chloronaphthalene
 Concen: 31.86 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. 0.00 min
 Lab File: BF097708.D
 Acq: 15 Aug 2017 23:19

Tgt Ion	Ratio	Lower	Upper
162	100		
127	44.2	28.3	42.5#
164	32.4	27.0	40.4



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

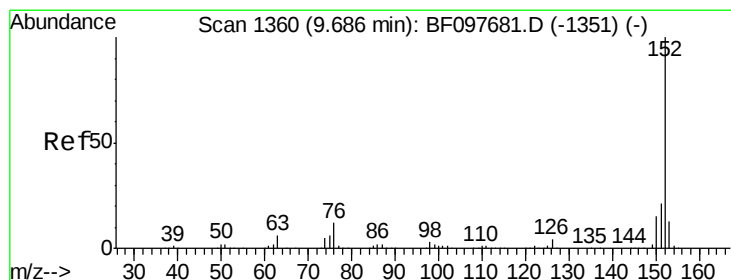
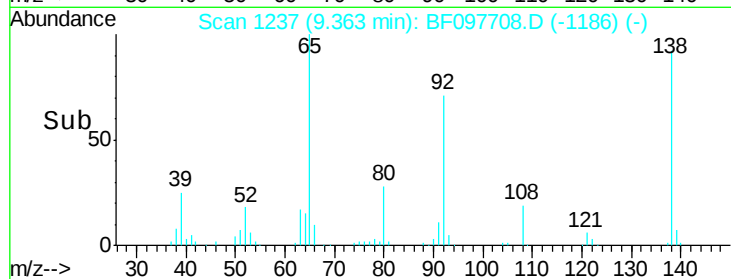
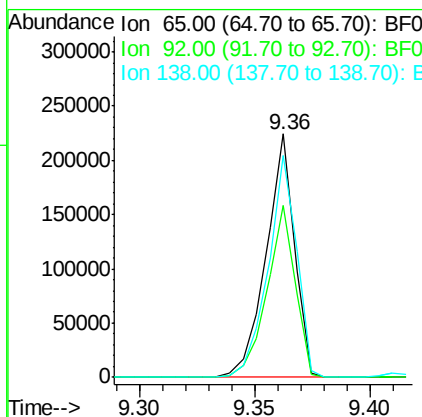
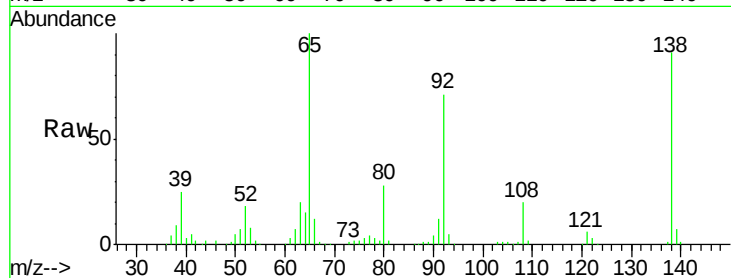




#47
2-Nitroaniline
Concen: 37.59 ng
RT: 9.36 min Scan# 1237
Delta R.T. 0.00 min
Lab File: BF097708.D
Acq: 15 Aug 2017 23:19

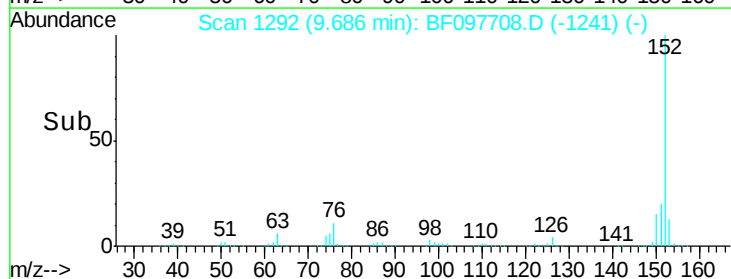
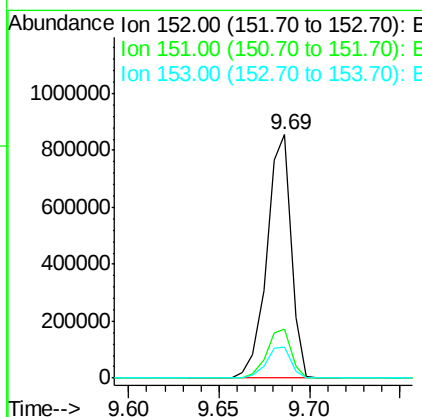
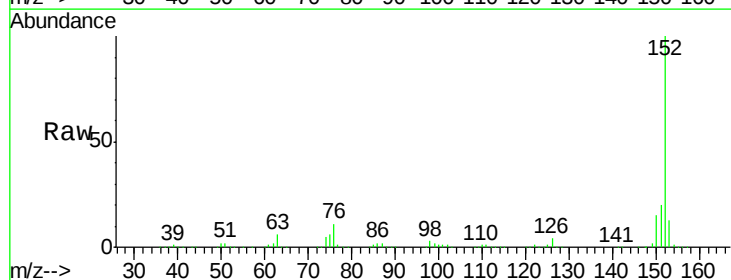
Instrument :
BNA_F
ClientSampleId :
SB-24-COMPMSD

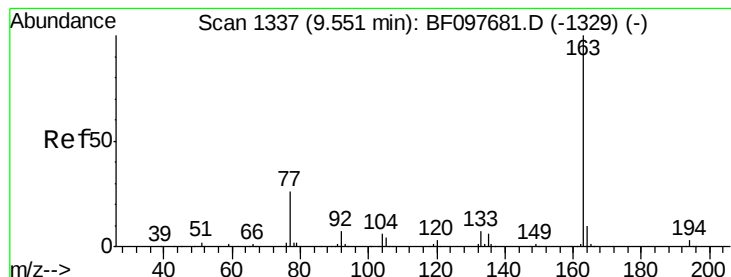
Tot Ion: 65 Resp: 191319
Ion Ratio Lower Upper
65 100
92 70.7 53.9 80.9
138 91.2 78.8 118.2



#48
Acenaphthylene
Concen: 33.34 ng
RT: 9.69 min Scan# 1292
Delta R.T. 0.00 min
Lab File: BF097708.D
Acq: 15 Aug 2017 23:19

Tgt Ion: 152 Resp: 794833
Ion Ratio Lower Upper
152 100
151 20.3 16.8 25.2
153 12.7 10.8 16.2





#49

Dimethylphthalate

Concen: 43.28 ng

RT: 9.55 min Scan# 1269

Delta R.T. 0.00 min

Lab File: BF097708.D

Acq: 15 Aug 2017 23:19

Instrument :

BNA_F

ClientSampleId :

SB-24-COMPMSD

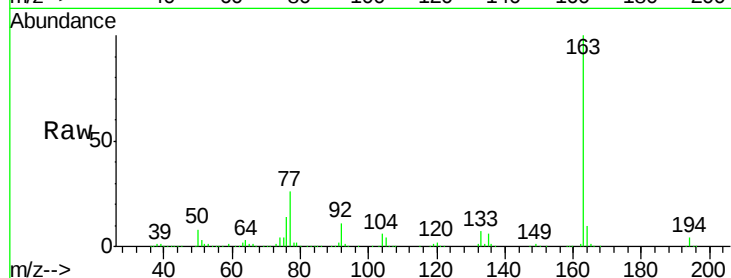
Tot Ion:163 Resp: 712825

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

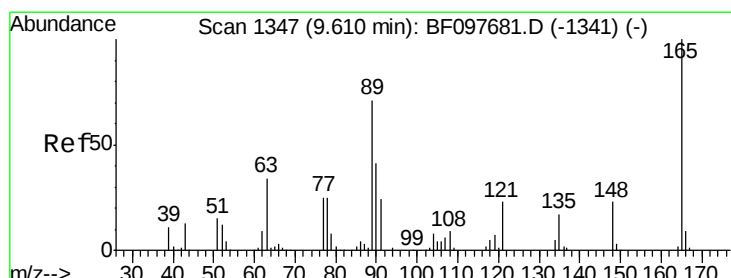
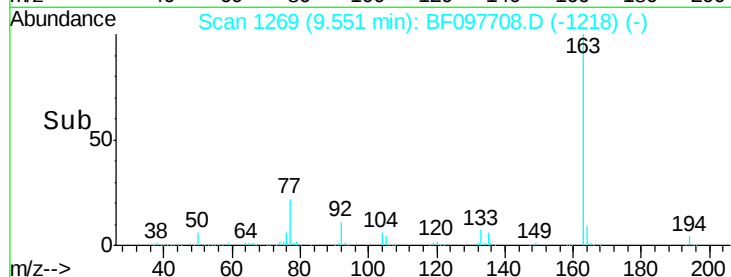
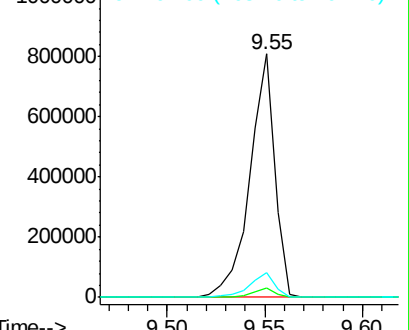
164 10.4 8.4 12.6



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: 37.52 ng

RT: 9.61 min Scan# 1279

Delta R.T. 0.00 min

Lab File: BF097708.D

Acq: 15 Aug 2017 23:19

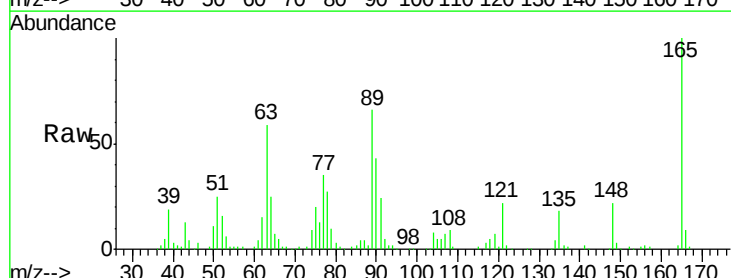
Tgt Ion:165 Resp: 123348

Ion Ratio Lower Upper

165 100

63 59.0 34.3 51.5#

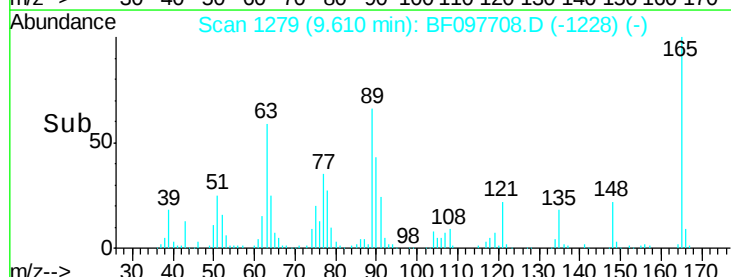
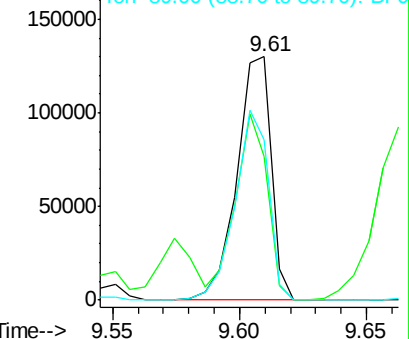
89 65.7 37.1 55.7#

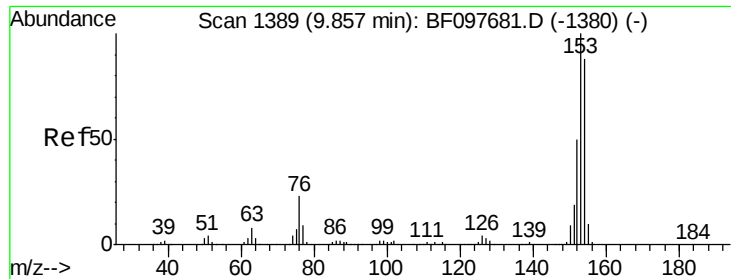


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 32.52 ng

RT: 9.86 min Scan# 1321

Delta R.T. 0.00 min

Lab File: BF097708.D

Acq: 15 Aug 2017 23:19

Instrument :

BNA_F

ClientSampleId :

SB-24-COMPMSD

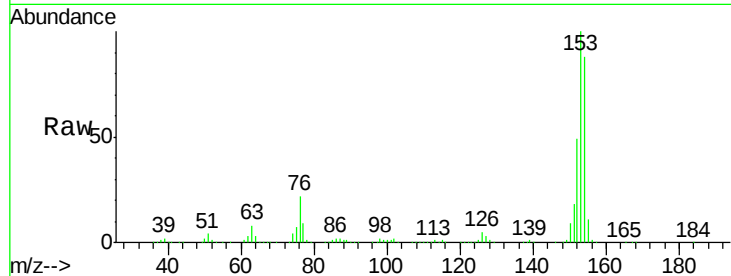
Tot Ion:154 Resp: 488963

Ion Ratio Lower Upper

154 100

153 113.7 90.5 135.7

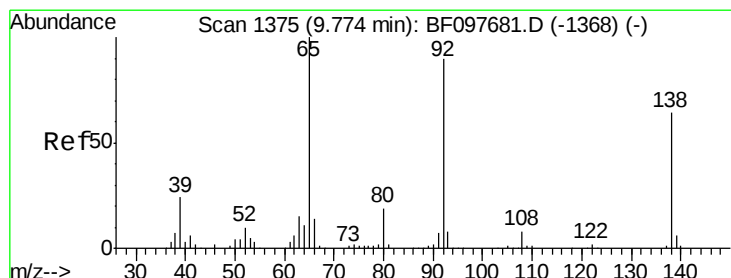
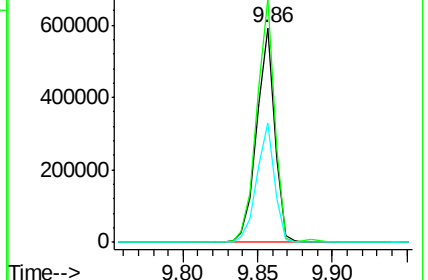
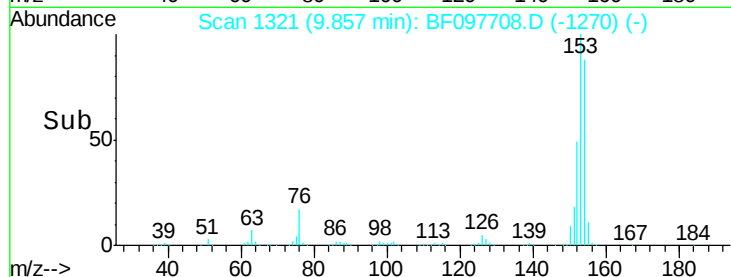
152 55.8 43.6 65.4



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: 31.25 ng

RT: 9.77 min Scan# 1307

Delta R.T. 0.00 min

Lab File: BF097708.D

Acq: 15 Aug 2017 23:19

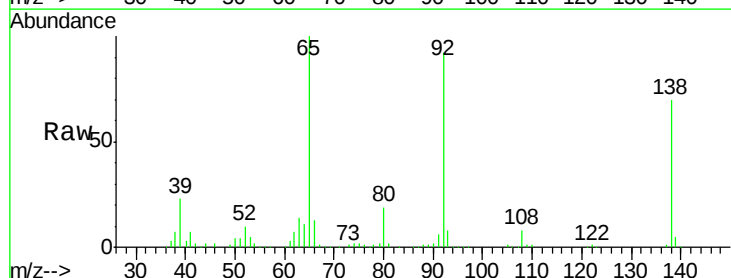
Tgt Ion:138 Resp: 132575

Ion Ratio Lower Upper

138 100

108 11.8 9.1 13.7

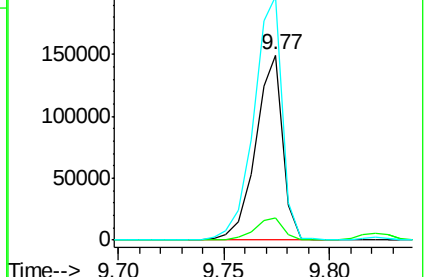
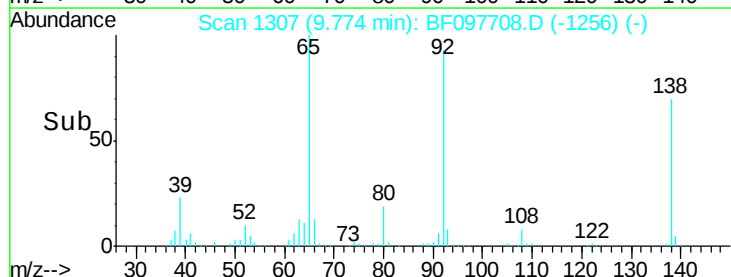
92 131.8 93.8 140.6

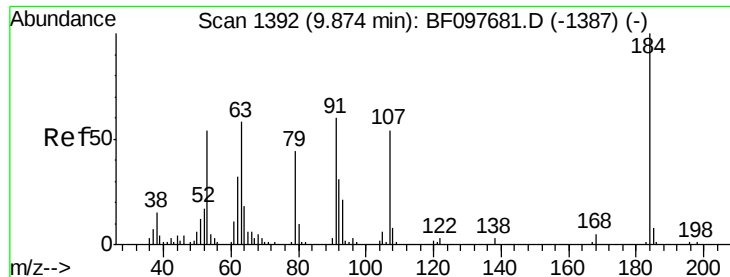


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

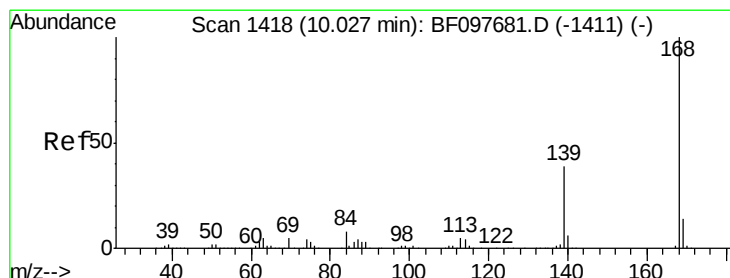
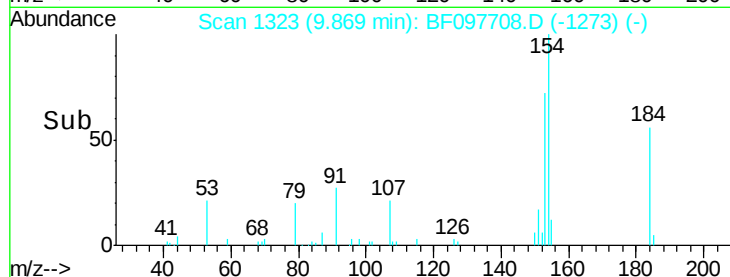
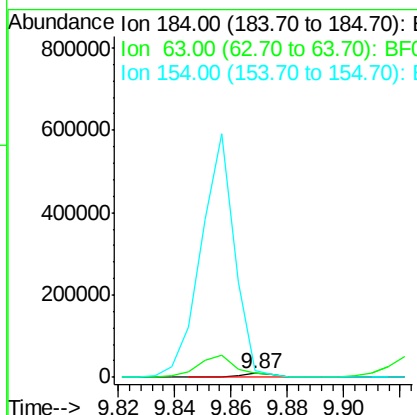
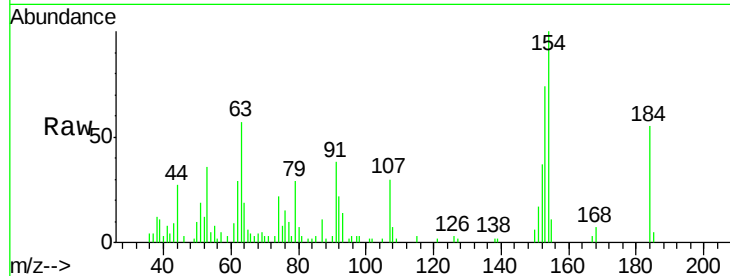




#53
 2,4-Dinitrophenol
 Concen: 14.82 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: BF097708.D
 Acq: 15 Aug 2017 23:19

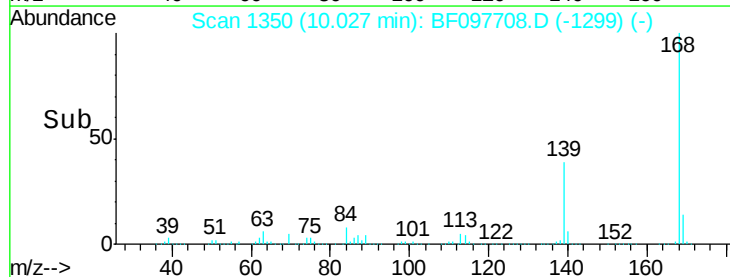
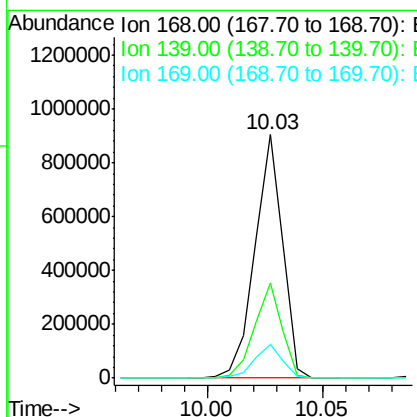
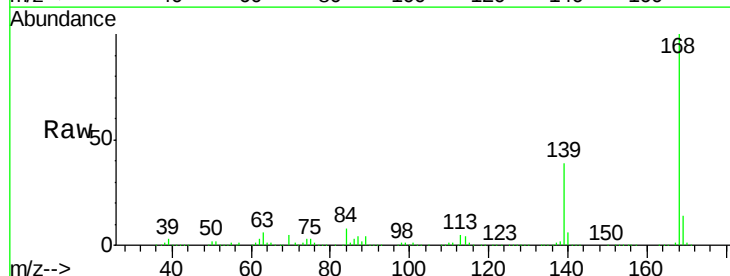
Instrument :
 BNA_F
 ClientSampleId :
 SB-24-COMPMSD

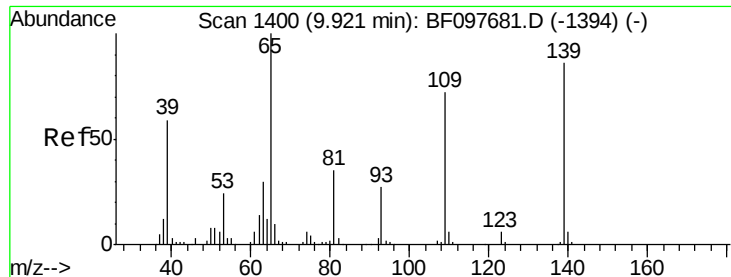
Tot Ion:184 Resp: 8380
 Ion Ratio Lower Upper
 184 100
 63 103.9 62.7 94.1#
 154 183.4 81.1 121.7#



#54
 Dibenzofuran
 Concen: 37.72 ng
 RT: 10.03 min Scan# 1350
 Delta R.T. 0.00 min
 Lab File: BF097708.D
 Acq: 15 Aug 2017 23:19

Tgt Ion:168 Resp: 760234
 Ion Ratio Lower Upper
 168 100
 139 39.2 30.6 45.8
 169 13.7 10.8 16.2

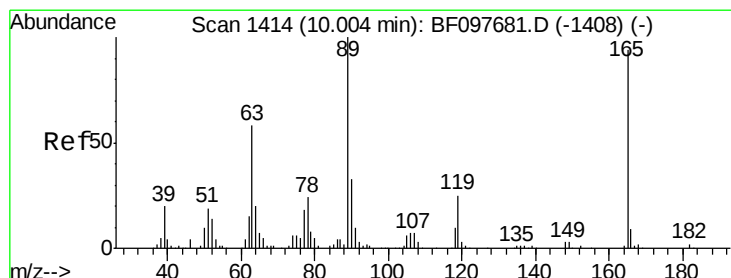
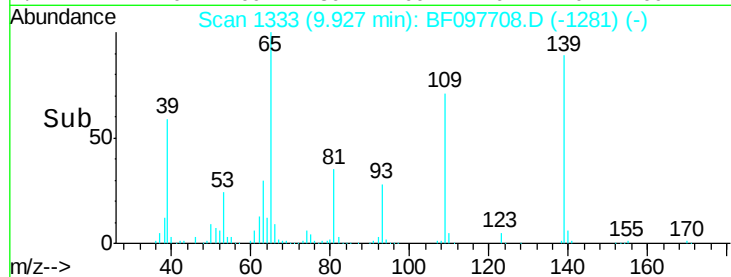
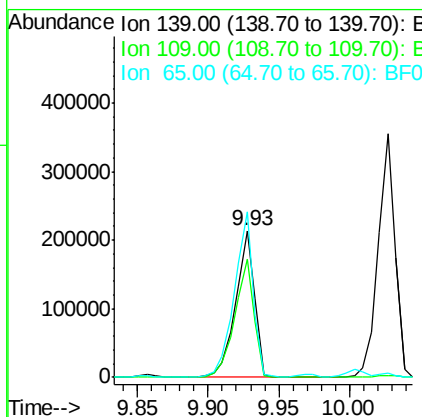
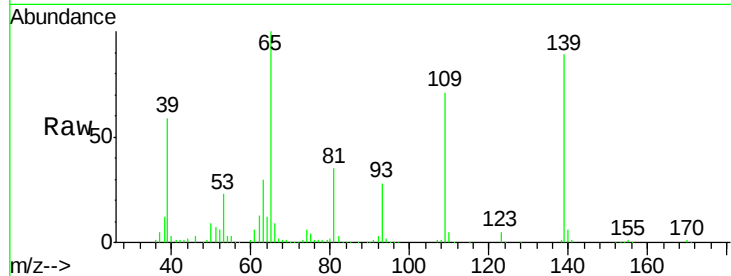




#55
4-Nitrophenol
Concen: 59.08 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BF097708.D
Acq: 15 Aug 2017 23:19

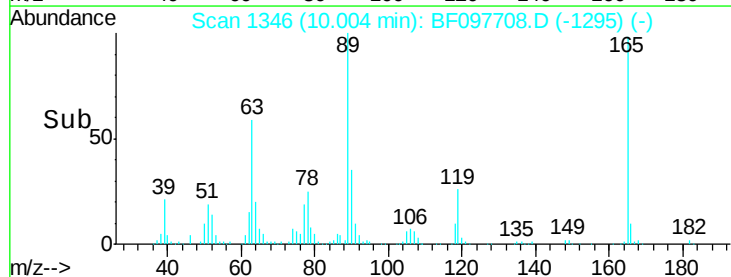
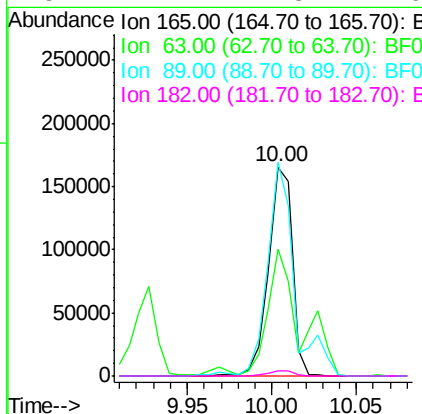
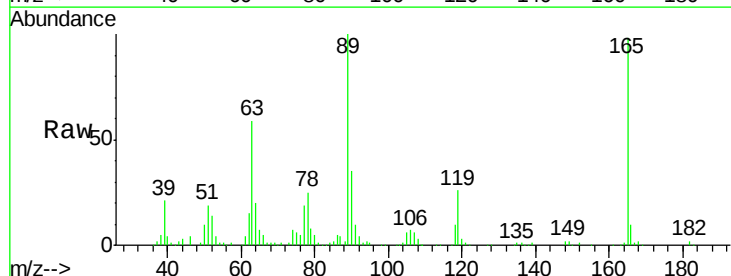
Instrument :
BNA_F
ClientSampleId :
SB-24-COMPMSD

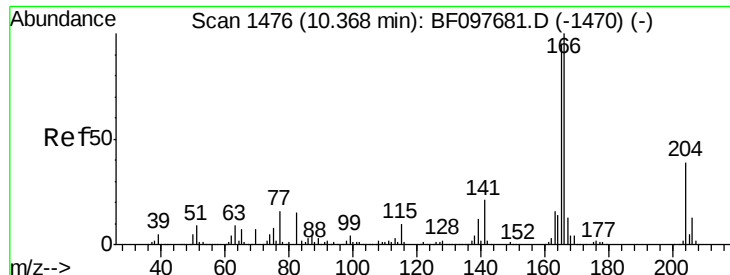
Tot Ion:139 Resp: 199925
Ion Ratio Lower Upper
139 100
109 80.4 34.1 74.1#
65 112.9 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 38.71 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.00 min
Lab File: BF097708.D
Acq: 15 Aug 2017 23:19

Tgt Ion:165 Resp: 159703
Ion Ratio Lower Upper
165 100
63 60.4 25.4 38.0#
89 102.2 46.4 69.6#
182 2.2 1.8 2.6

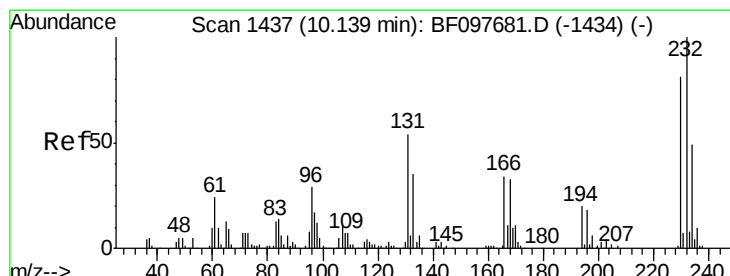
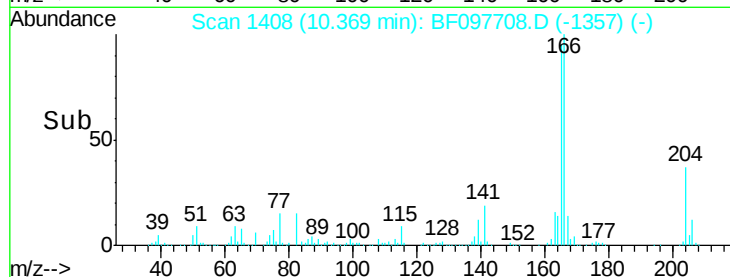
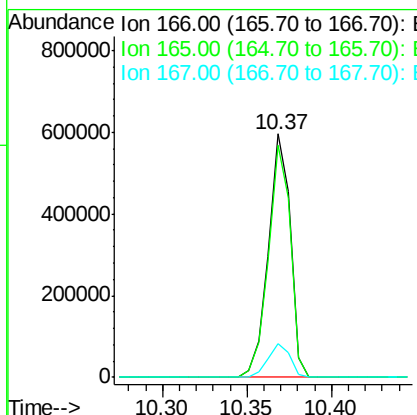
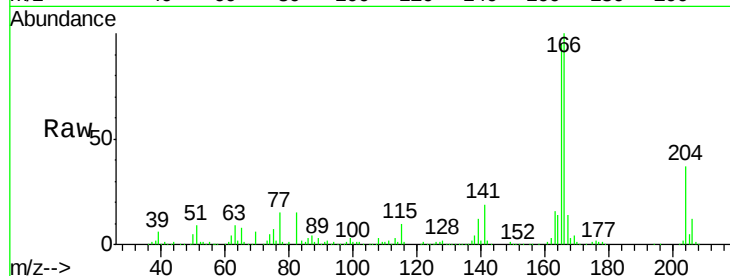




#57
 Fluorene
 Concen: 34.14 ng
 RT: 10.37 min Scan# 1408
 Delta R.T. 0.00 min
 Lab File: BF097708.D
 Acq: 15 Aug 2017 23:19

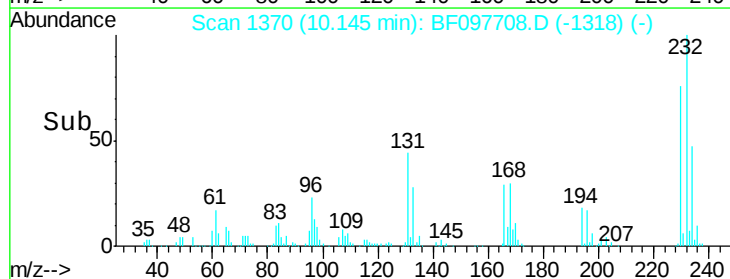
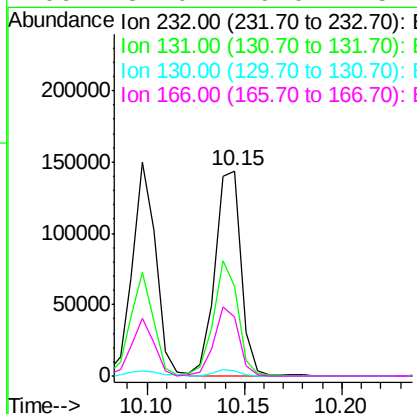
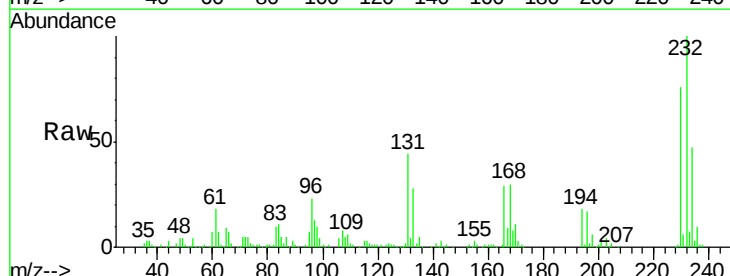
Instrument :
 BNA_F
 ClientSampleId :
 SB-24-COMPMSD

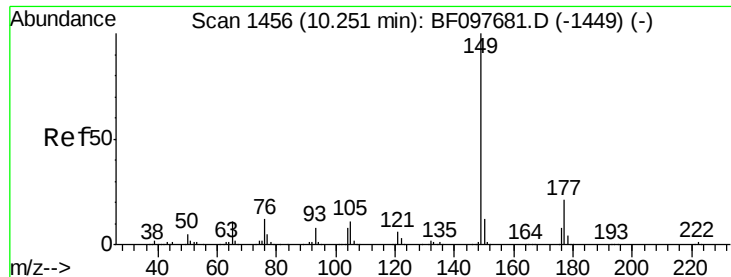
Tot Ion:166 Resp: 531948
 Ion Ratio Lower Upper
 166 100
 165 95.3 78.8 118.2
 167 14.0 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 37.37 ng
 RT: 10.15 min Scan# 1370
 Delta R.T. 0.01 min
 Lab File: BF097708.D
 Acq: 15 Aug 2017 23:19

Tgt Ion:232 Resp: 133276
 Ion Ratio Lower Upper
 232 100
 131 52.6 44.8 67.2
 130 3.0 2.3 3.5
 166 32.0 29.0 43.4

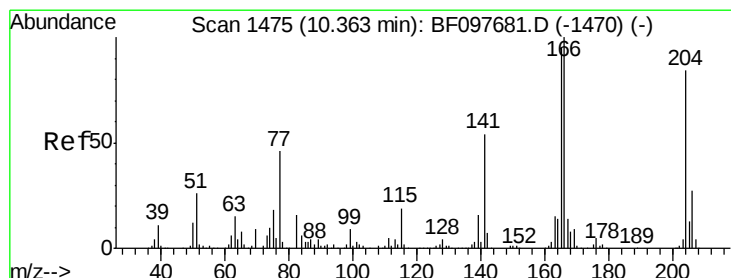
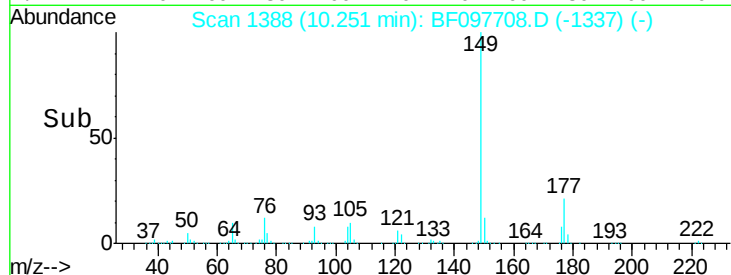
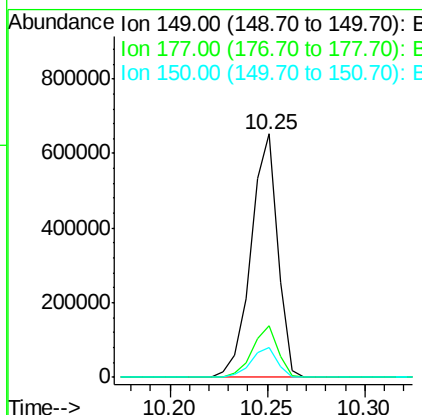
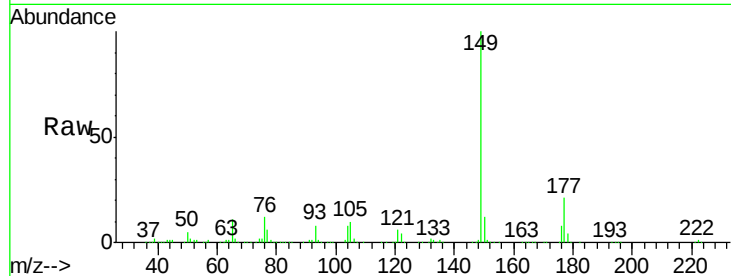




#59
Diethylphthalate
Concen: 35.78 ng
RT: 10.25 min Scan# 1388
Delta R.T. 0.00 min
Lab File: BF097708.D
Acq: 15 Aug 2017 23:19

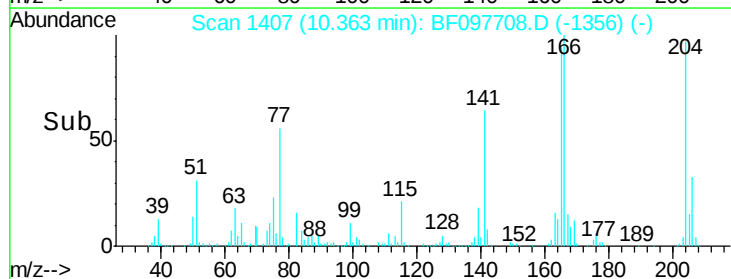
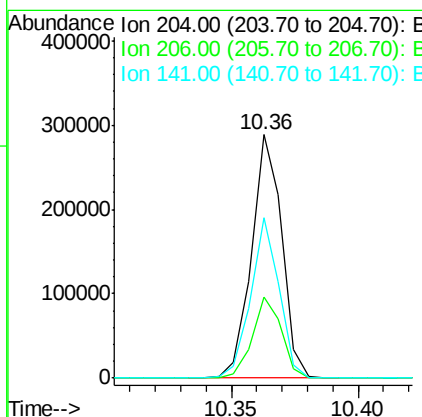
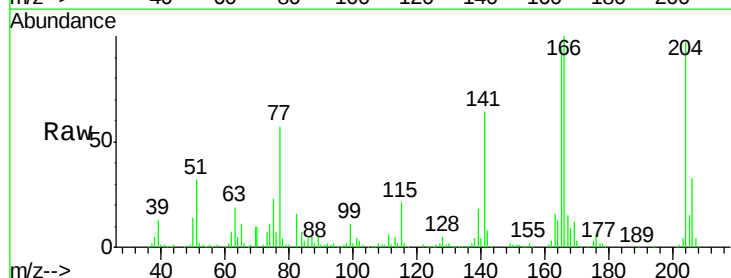
Instrument :
BNA_F
ClientSampleId :
SB-24-COMPMSD

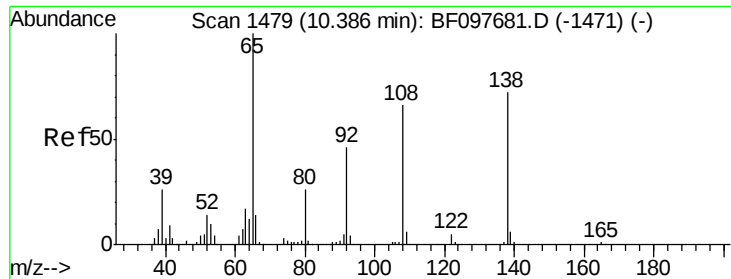
Tot Ion:149 Resp: 616306
Ion Ratio Lower Upper
149 100
177 21.2 16.7 25.1
150 12.5 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 32.95 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BF097708.D
Acq: 15 Aug 2017 23:19

Tgt Ion:204 Resp: 238508
Ion Ratio Lower Upper
204 100
206 33.4 26.2 39.2
141 65.8 60.8 91.2

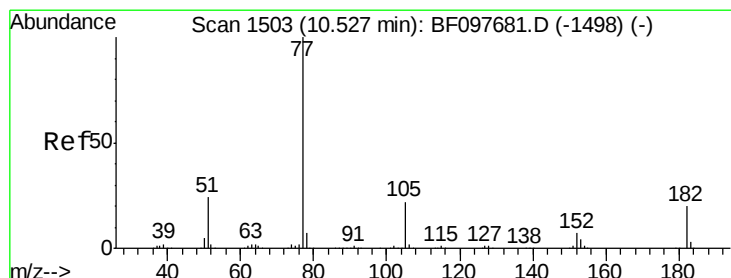
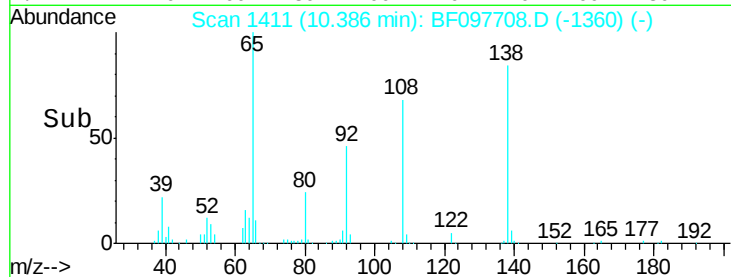
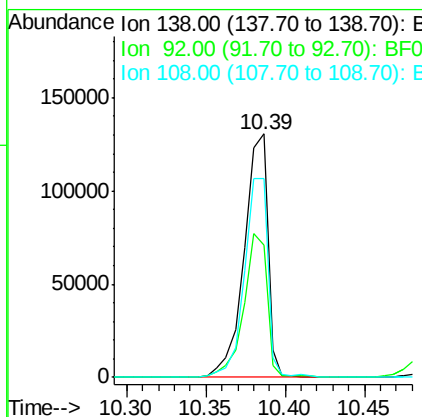
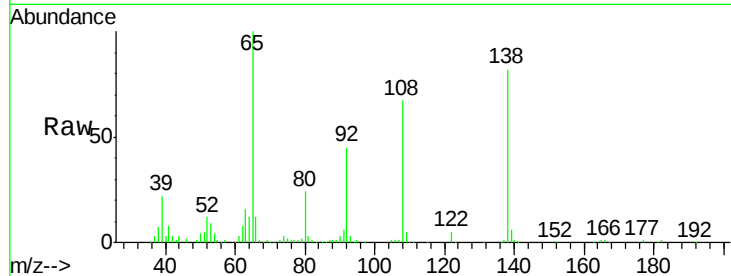




#61
 4-Nitroaniline
 Concen: 33.48 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: BF097708.D
 Acq: 15 Aug 2017 23:19

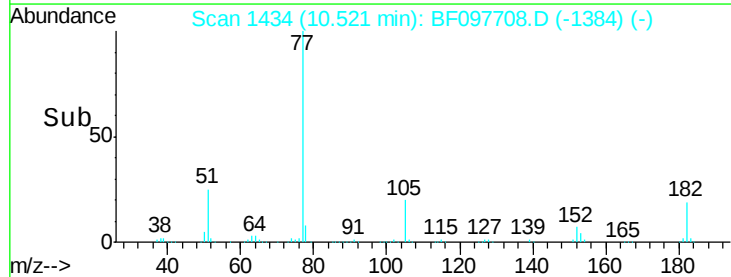
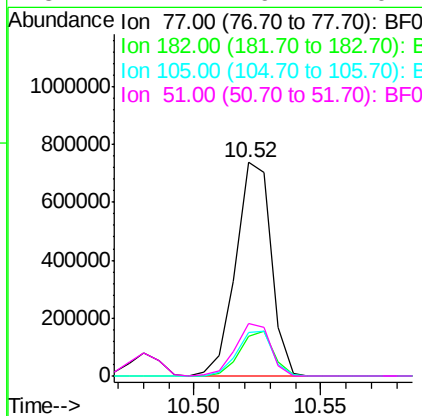
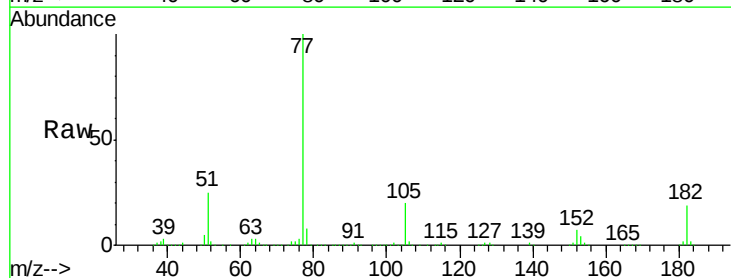
Instrument :
 BNA_F
 ClientSampleId :
 SB-24-COMPMSD

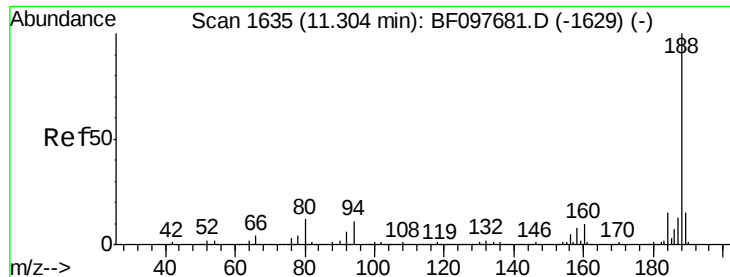
Tot Ion:138 Resp: 134988
 Ion Ratio Lower Upper
 138 100
 92 54.5 21.8 61.8
 108 81.9 42.3 82.3



#62
 Azobenzene
 Concen: 35.04 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF097708.D
 Acq: 15 Aug 2017 23:19

Tgt Ion: 77 Resp: 716882
 Ion Ratio Lower Upper
 77 100
 182 18.6 0.1 40.1
 105 20.5 3.6 43.6
 51 24.7 9.4 49.4

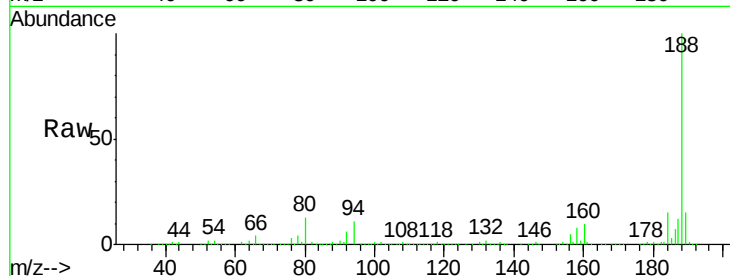




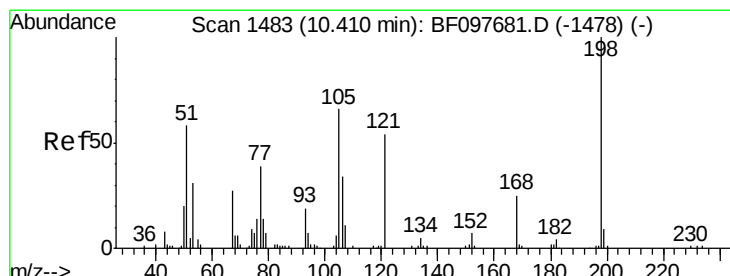
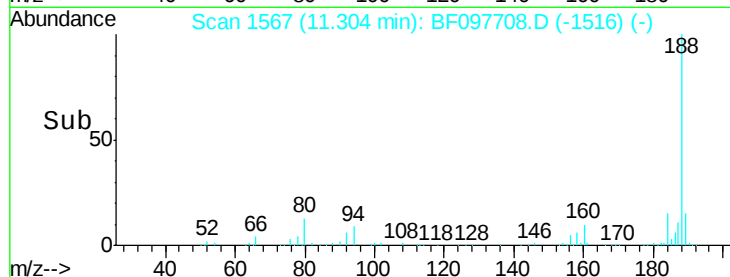
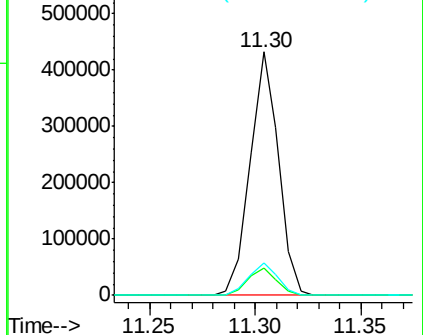
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 1567
Delta R.T. 0.00 min
Lab File: BF097708.D
Acq: 15 Aug 2017 23:19

Instrument :
BNA_F
ClientSampleId :
SB-24-COMPMSD

Tot Ion	Ratio	Lower	Upper
188	100		
94	11.4	9.4	14.2
80	13.4	10.2	15.2

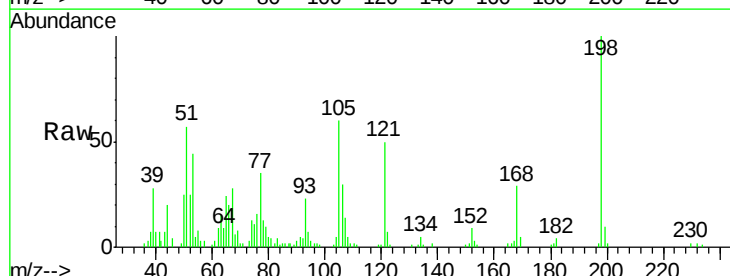


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

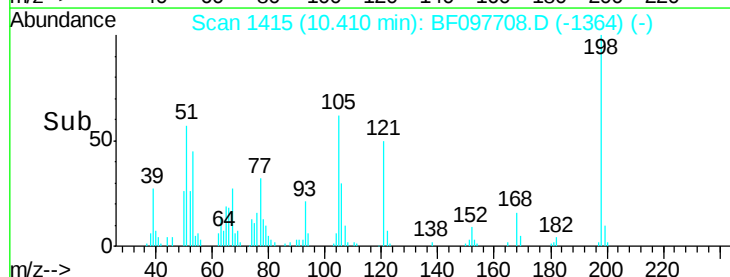
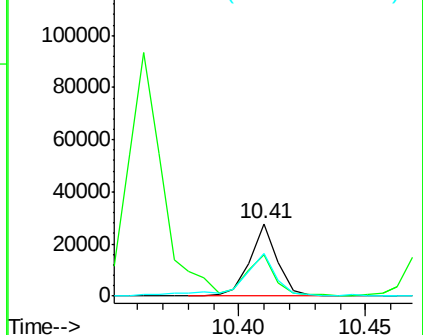


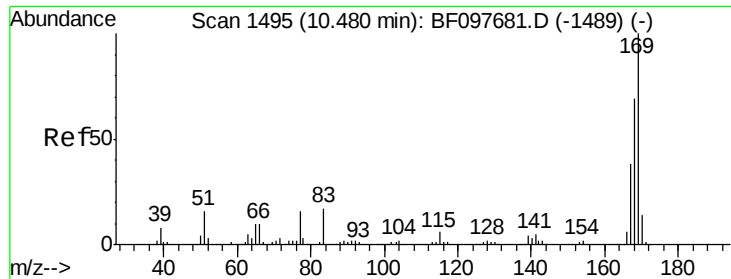
#64
4,6-Dinitro-2-methylphenol
Concen: 17.46 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.00 min
Lab File: BF097708.D
Acq: 15 Aug 2017 23:19

Tgt Ion	Ratio	Lower	Upper
198	100		
51	56.6	53.2	93.2
105	59.8	45.8	85.8



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

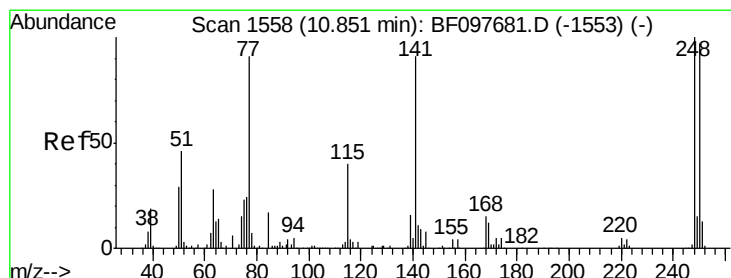
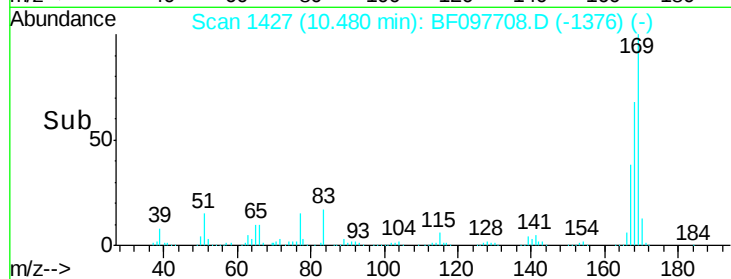
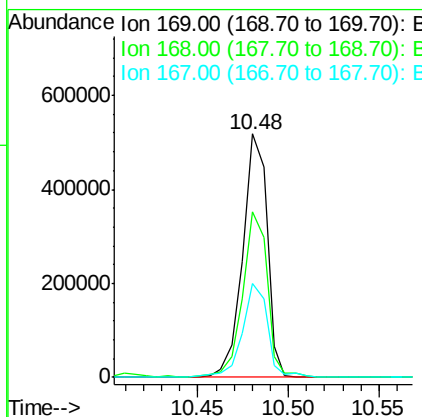
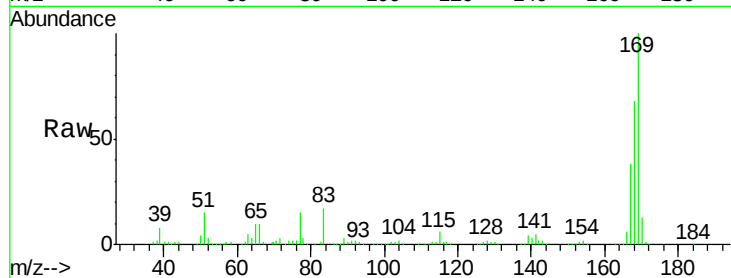




#65
 n-Nitrosodiphenylamine
 Concen: 35.37 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. 0.00 min
 Lab File: BF097708.D
 Acq: 15 Aug 2017 23:19

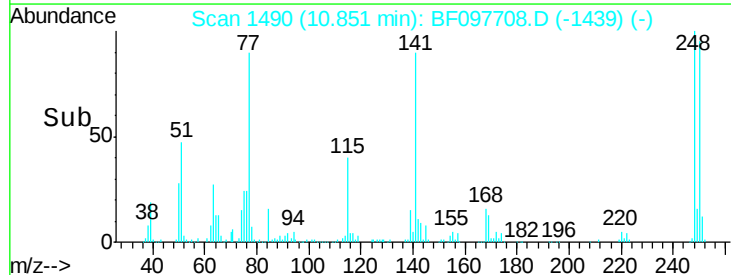
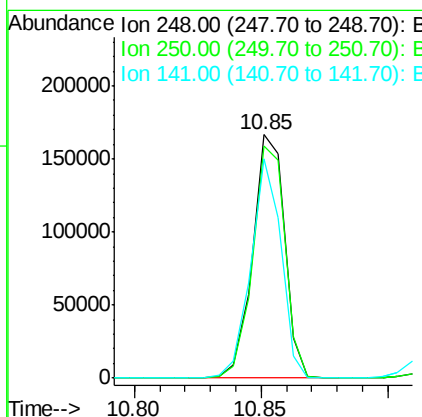
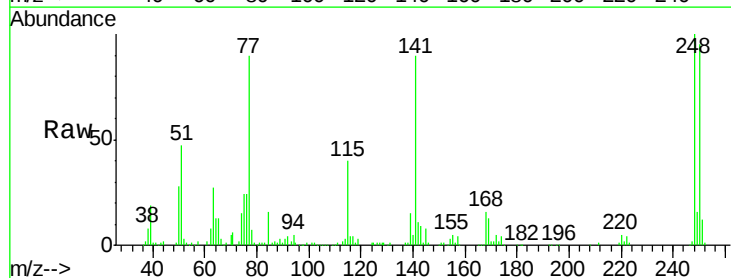
Instrument :
 BNA_F
 ClientSampleId :
 SB-24-COMPMSD

Tot Ion:169 Resp: 486590
 Ion Ratio Lower Upper
 169 100
 168 67.8 53.2 79.8
 167 38.3 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 34.98 ng
 RT: 10.85 min Scan# 1490
 Delta R.T. 0.00 min
 Lab File: BF097708.D
 Acq: 15 Aug 2017 23:19

Tgt Ion:248 Resp: 146765
 Ion Ratio Lower Upper
 248 100
 250 95.2 76.8 115.2
 141 89.9 68.6 103.0

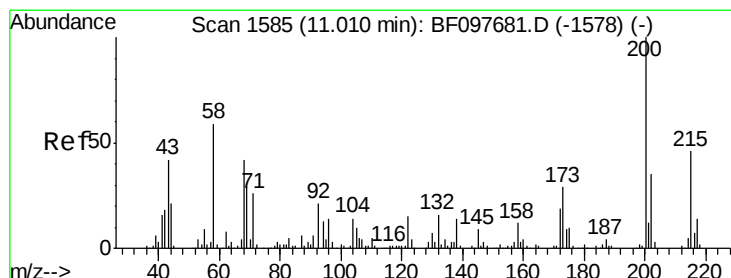
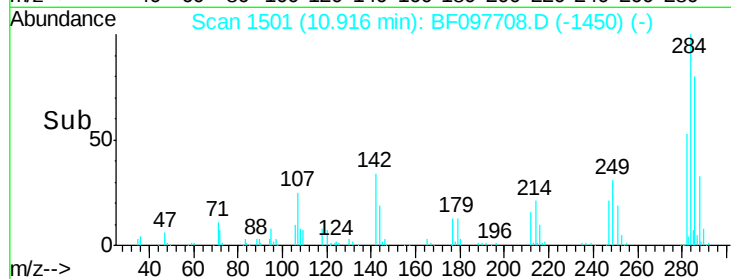
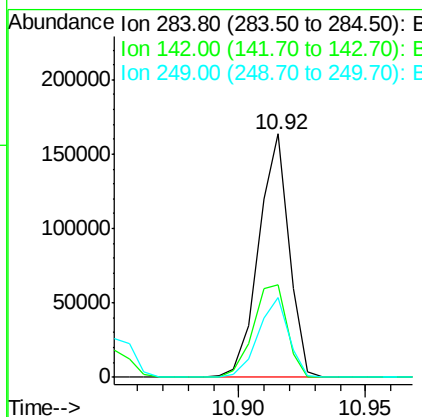
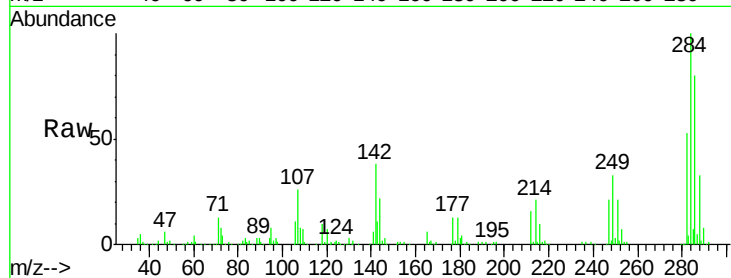




#67
Hexachlorobenzene
Concen: 31.94 ng
RT: 10.92 min Scan# 1501
Delta R.T. 0.00 min
Lab File: BF097708.D
Acq: 15 Aug 2017 23:19

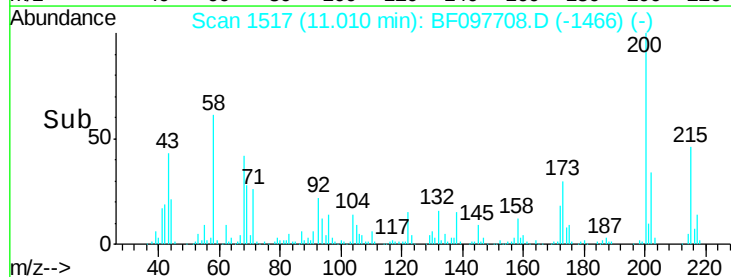
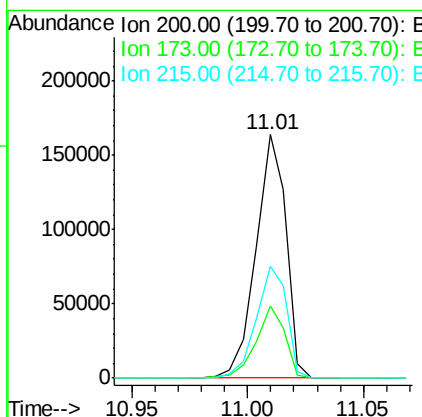
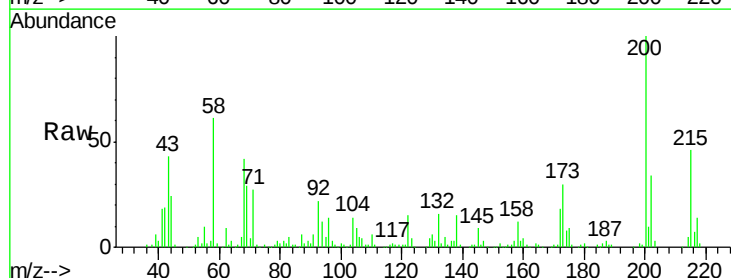
Instrument :
BNA_F
ClientSampleId :
SB-24-COMPMSD

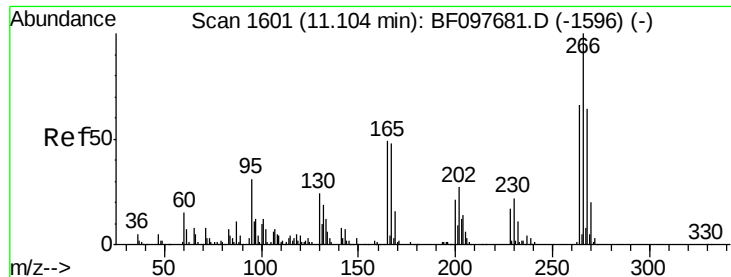
Tot Ion:284 Resp: 136586
Ion Ratio Lower Upper
284 100
142 38.2 22.8 34.2#
249 32.5 24.0 36.0



#68
Atrazine
Concen: 40.85 ng
RT: 11.01 min Scan# 1517
Delta R.T. 0.00 min
Lab File: BF097708.D
Acq: 15 Aug 2017 23:19

Tgt Ion:200 Resp: 149048
Ion Ratio Lower Upper
200 100
173 29.5 6.3 46.3
215 45.9 27.2 67.2

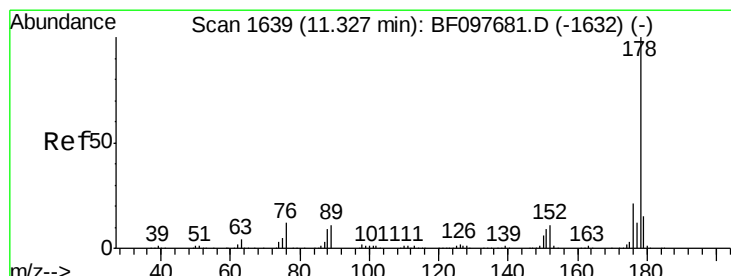
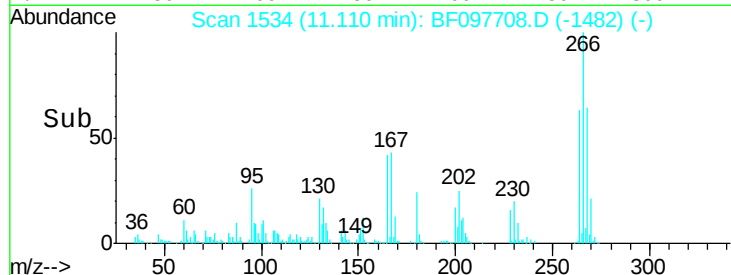
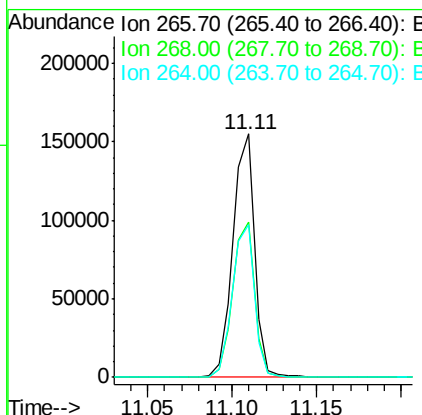
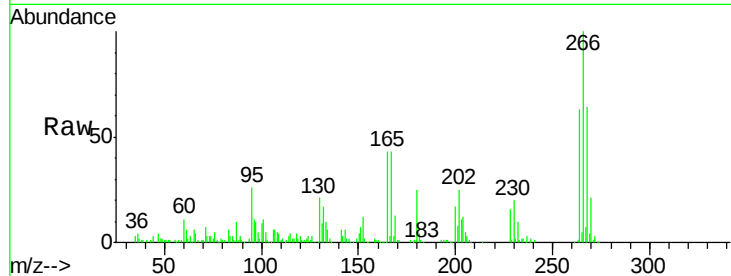




#69
 Pentachlorophenol
 Concen: 55.49 ng
 RT: 11.11 min Scan# 1534
 Delta R.T. 0.01 min
 Lab File: BF097708.D
 Acq: 15 Aug 2017 23:19

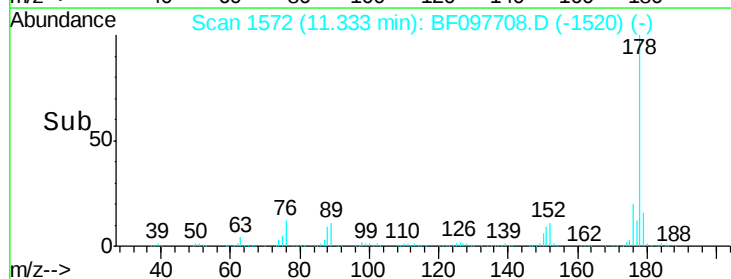
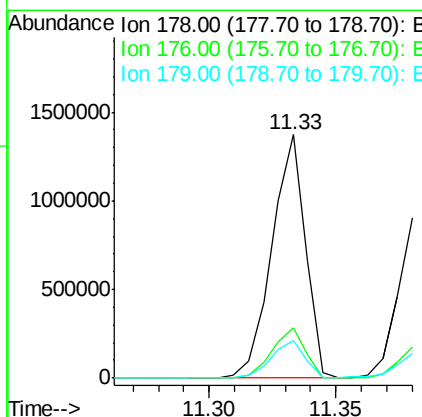
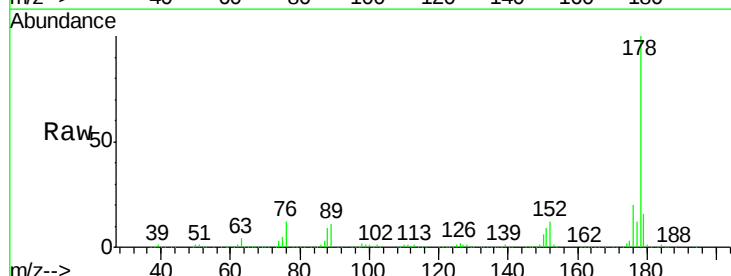
Instrument :
 BNA_F
 ClientSampleId :
 SB-24-COMPMSD

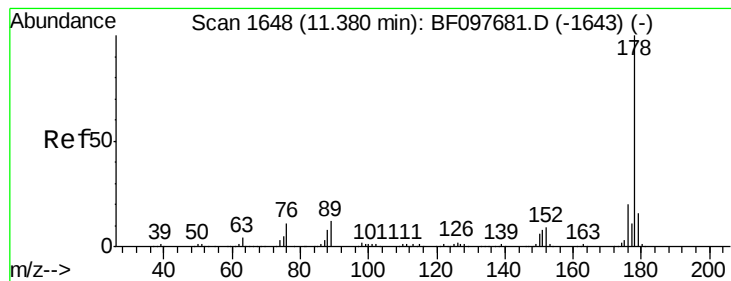
Tot Ion:266 Resp: 138348
 Ion Ratio Lower Upper
 266 100
 268 63.9 51.1 76.7
 264 62.7 51.7 77.5



#70
 Phenanthrene
 Concen: 59.19 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. 0.01 min
 Lab File: BF097708.D
 Acq: 15 Aug 2017 23:19

Tgt Ion:178 Resp: 1274285
 Ion Ratio Lower Upper
 178 100
 176 20.4 16.2 24.4
 179 15.7 12.6 19.0





#71

Anthracene

Concen: 36.74 ng

RT: 11.38 min Scan# 1580

Delta R.T. 0.00 min

Lab File: BF097708.D

Acq: 15 Aug 2017 23:19

Instrument :

BNA_F

ClientSampleId :

SB-24-COMPMSD

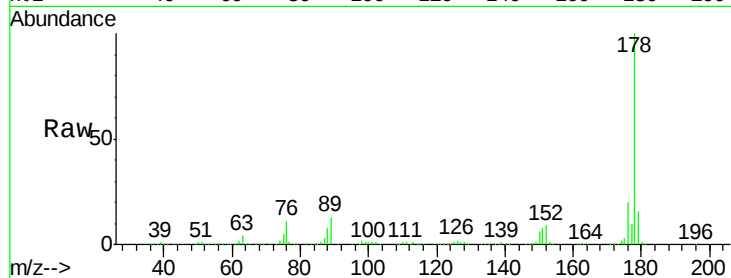
Tot Ion:178 Resp: 802314

Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.8

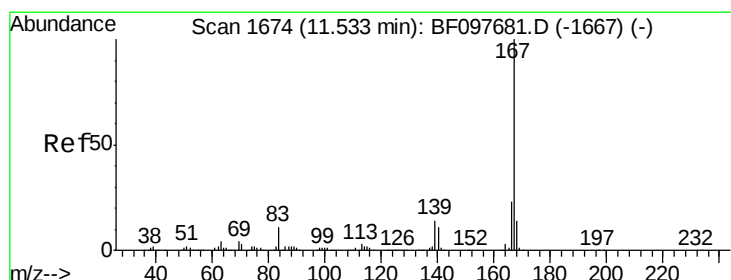
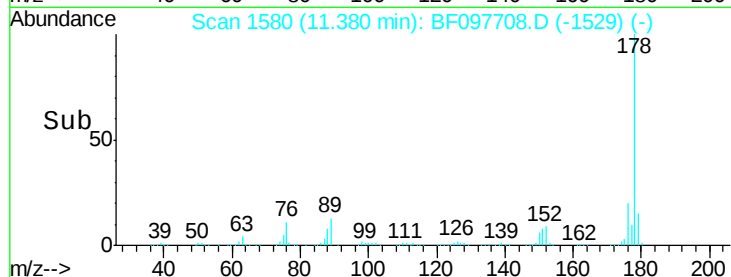
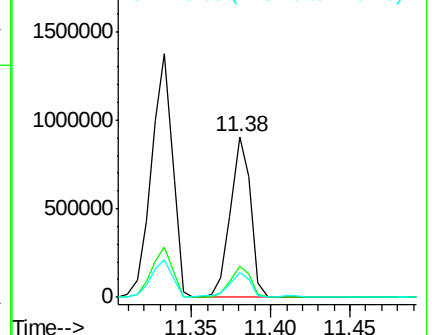
179 15.5 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 35.46 ng

RT: 11.53 min Scan# 1606

Delta R.T. 0.00 min

Lab File: BF097708.D

Acq: 15 Aug 2017 23:19

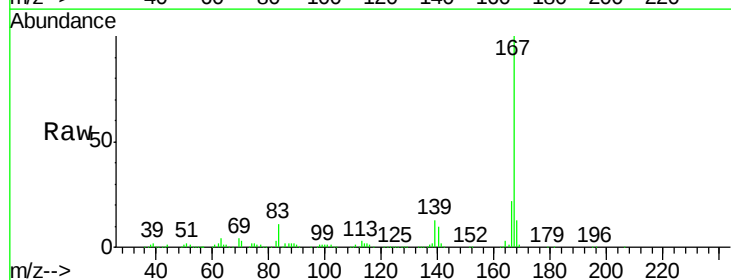
Tgt Ion:167 Resp: 735010

Ion Ratio Lower Upper

167 100

166 22.0 18.1 27.1

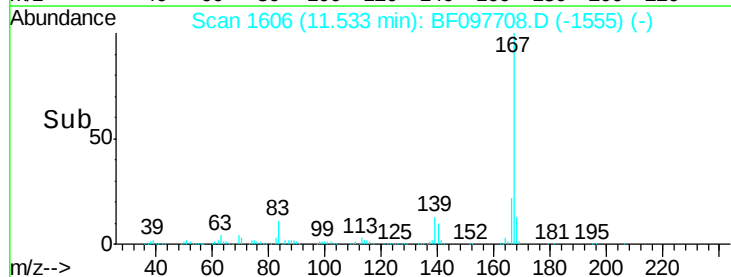
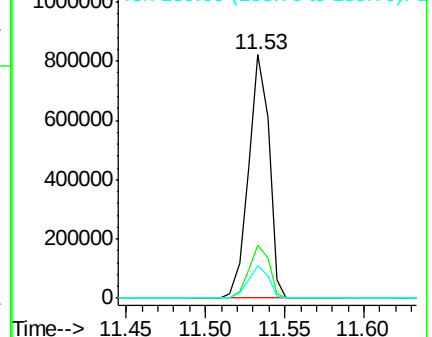
139 13.4 11.7 17.5

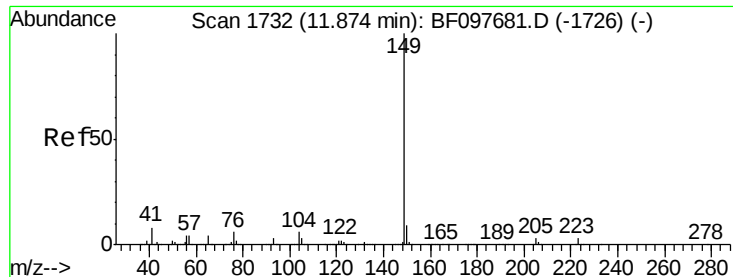


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 38.21 ng

RT: 11.87 min Scan# 1664

Delta R.T. 0.00 min

Lab File: BF097708.D

Acq: 15 Aug 2017 23:19

Instrument :

BNA_F

ClientSampleId :

SB-24-COMPMSD

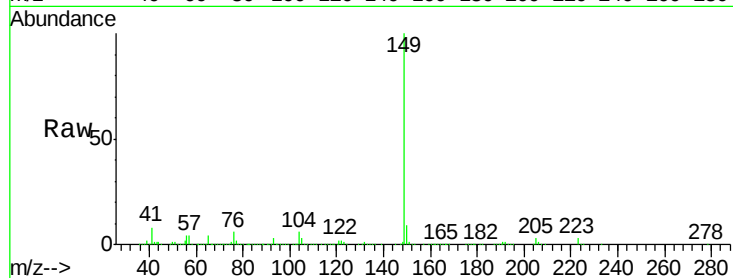
Tot Ion:149 Resp: 912267

Ion Ratio Lower Upper

149 100

150 9.3 7.7 11.5

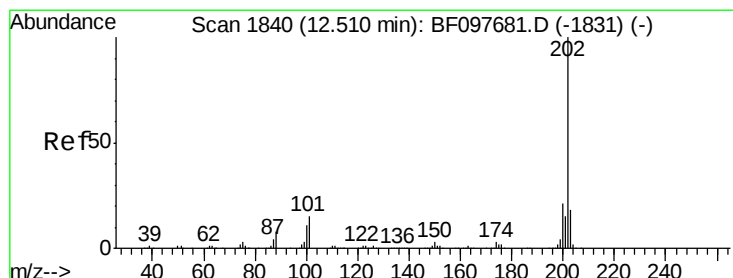
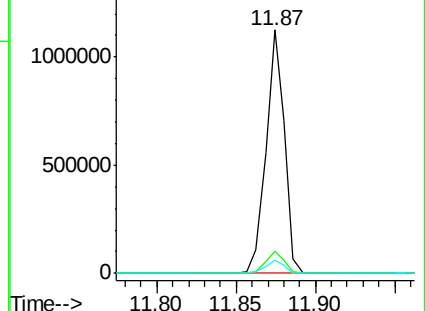
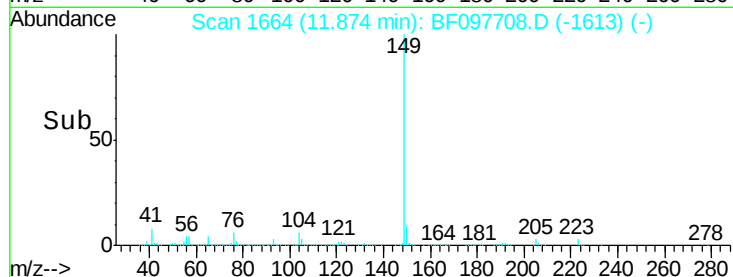
104 5.6 4.0 6.0



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: 50.31 ng

RT: 12.52 min Scan# 1773

Delta R.T. 0.01 min

Lab File: BF097708.D

Acq: 15 Aug 2017 23:19

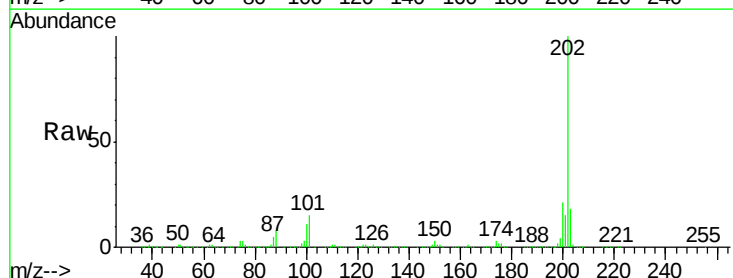
Tgt Ion:202 Resp: 1130487

Ion Ratio Lower Upper

202 100

101 15.2 0.0 33.2

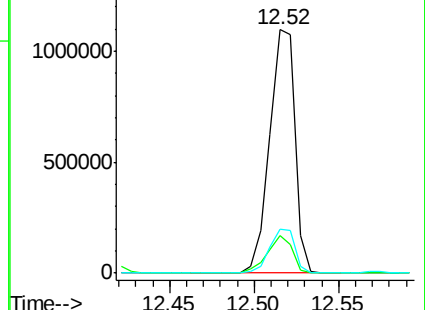
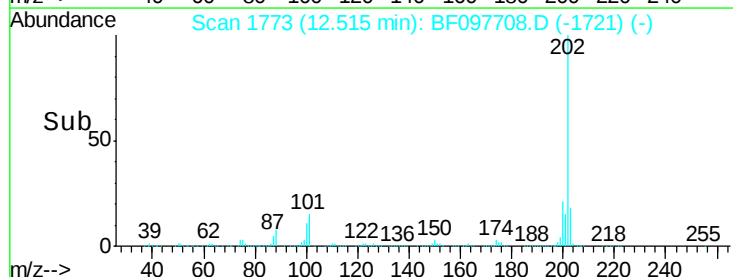
203 17.9 0.0 38.1

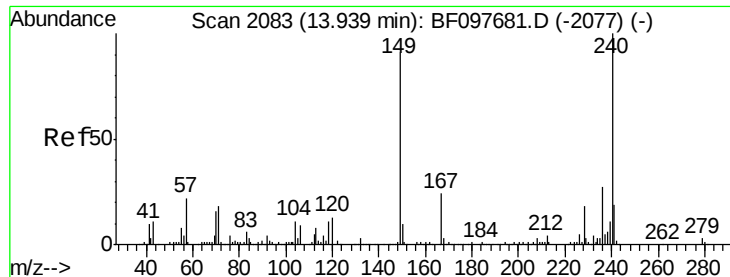


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.94 min Scan# 2015

Delta R.T. 0.00 min

Lab File: BF097708.D

Acq: 15 Aug 2017 23:19

Instrument :

BNA_F

ClientSampleId :

SB-24-COMPMSD

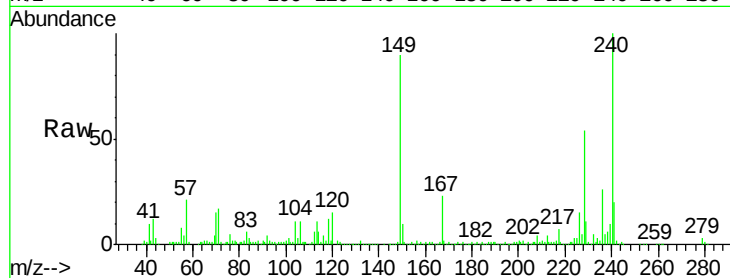
Tot Ion:240 Resp: 256008

Ion Ratio Lower Upper

240 100

120 14.6 5.8 8.8#

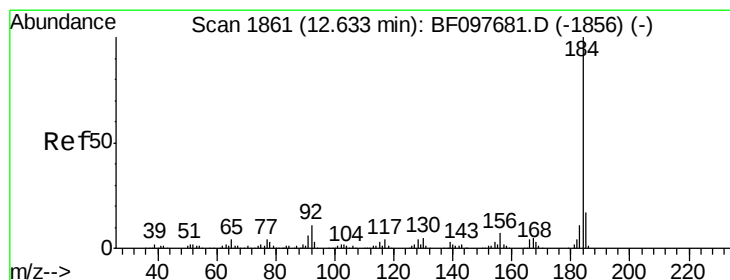
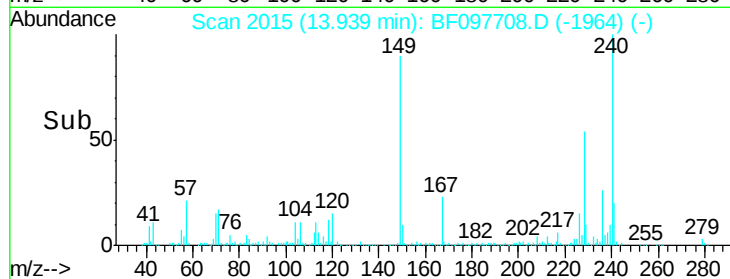
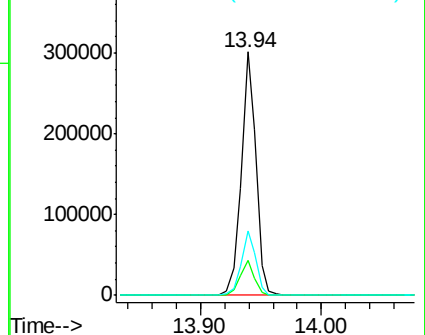
236 26.3 20.5 30.7



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: 40.71 ng

RT: 12.64 min Scan# 1794

Delta R.T. 0.01 min

Lab File: BF097708.D

Acq: 15 Aug 2017 23:19

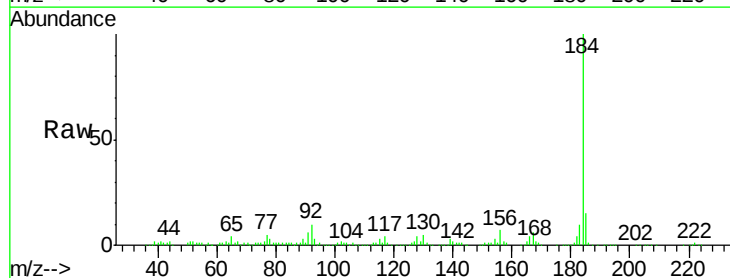
Tgt Ion:184 Resp: 341706

Ion Ratio Lower Upper

184 100

185 14.8 15.5 23.3#

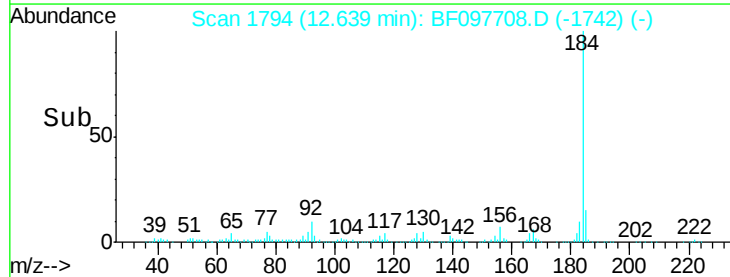
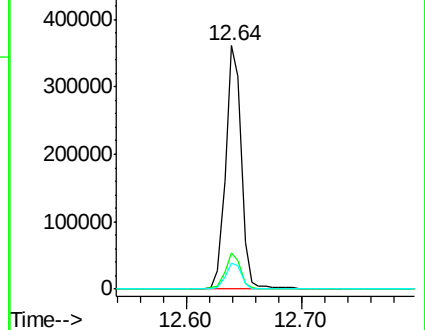
183 10.5 9.8 14.6

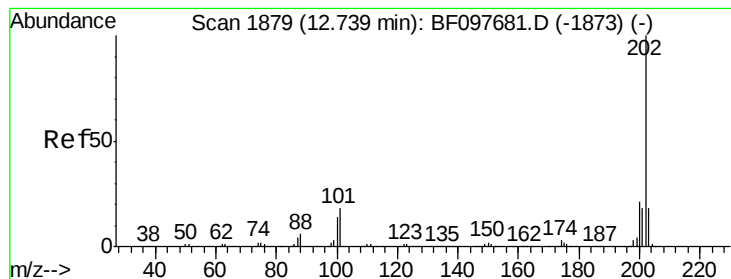


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 49.82 ng

RT: 12.74 min Scan# 1812

Delta R.T. 0.01 min

Lab File: BF097708.D

Acq: 15 Aug 2017 23:19

Instrument :

BNA_F

ClientSampleId :

SB-24-COMPMSD

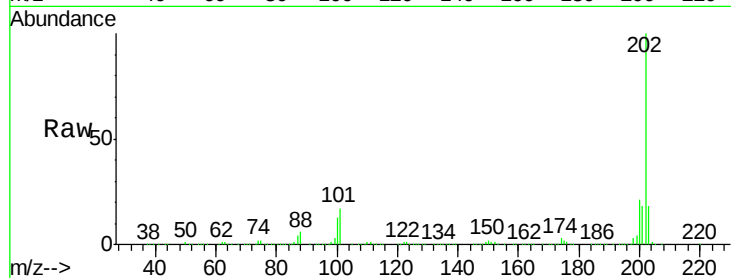
Tot Ion:202 Resp: 1043068

Ion Ratio Lower Upper

202 100

200 21.4 17.6 26.4

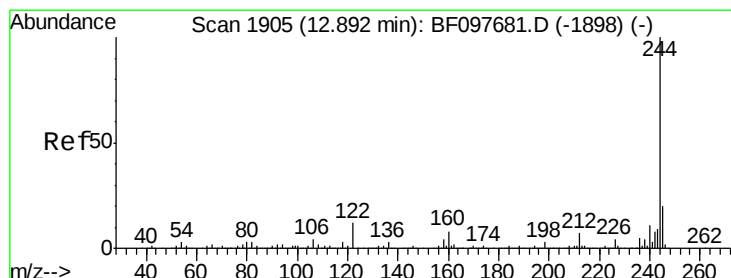
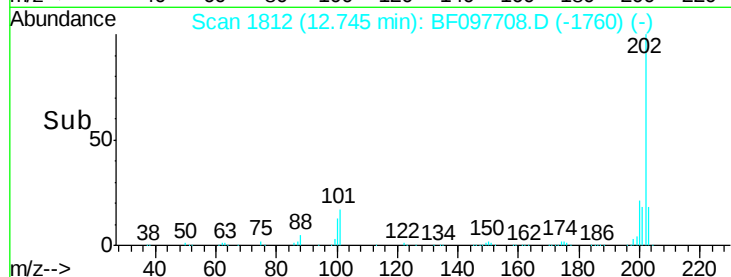
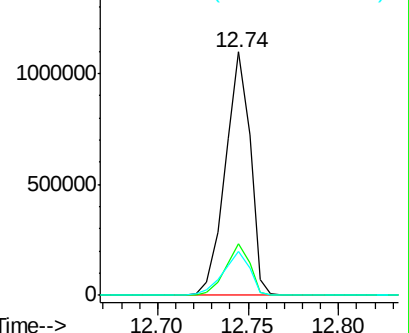
203 18.1 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 60.15 ng

RT: 12.89 min Scan# 1837

Delta R.T. 0.00 min

Lab File: BF097708.D

Acq: 15 Aug 2017 23:19

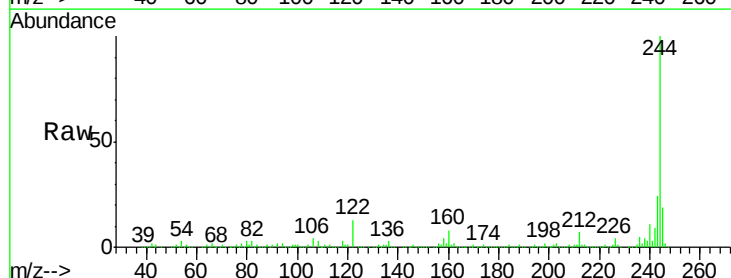
Tgt Ion:244 Resp: 738458

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

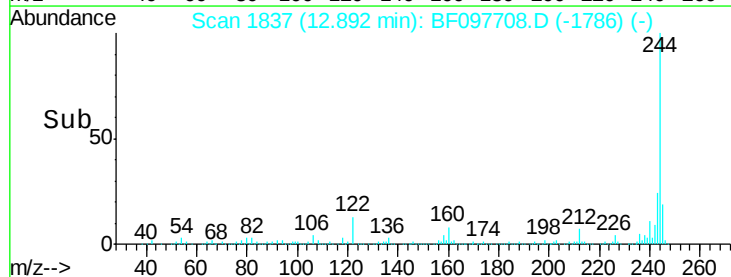
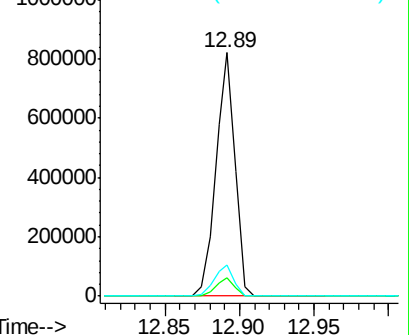
122 13.0 10.3 15.5

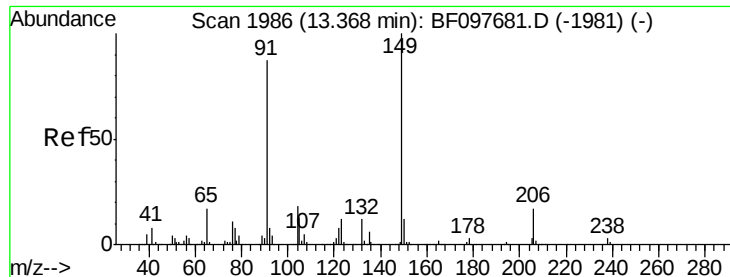


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

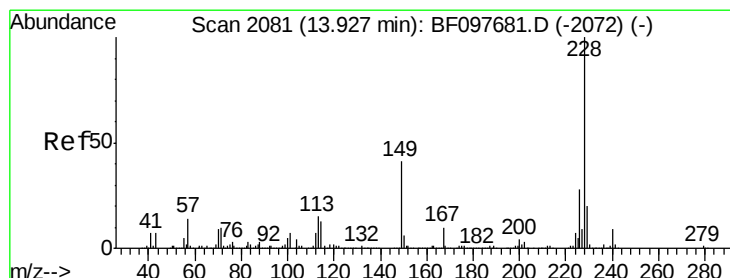
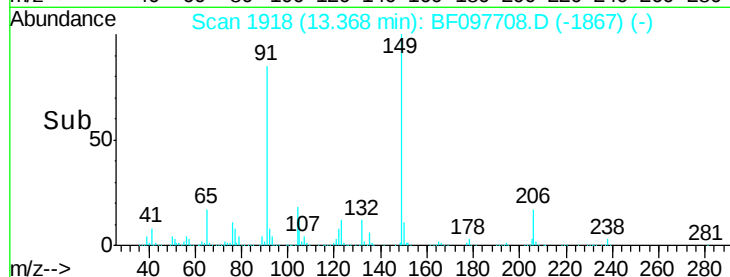
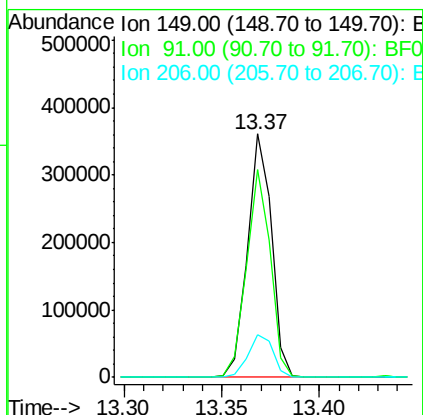
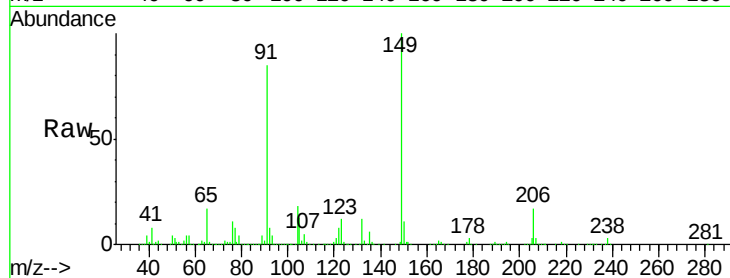




#79
Butylbenzylphthalate
Concen: 38.32 ng
RT: 13.37 min Scan# 1918
Delta R.T. 0.00 min
Lab File: BF097708.D
Acq: 15 Aug 2017 23:19

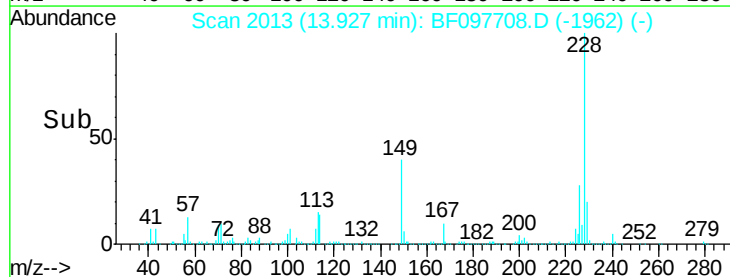
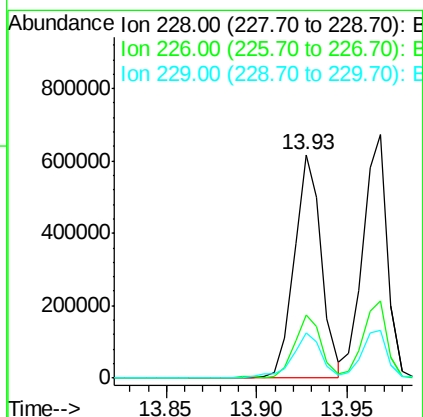
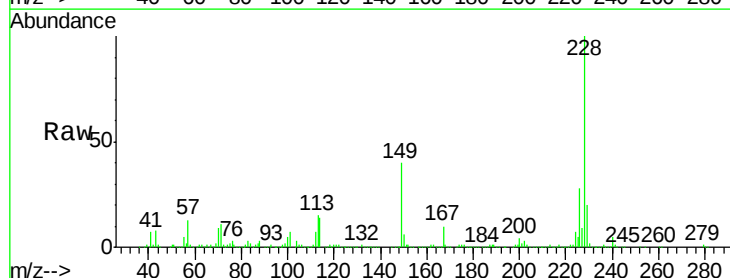
Instrument :
BNA_F
ClientSampleId :
SB-24-COMPMSD

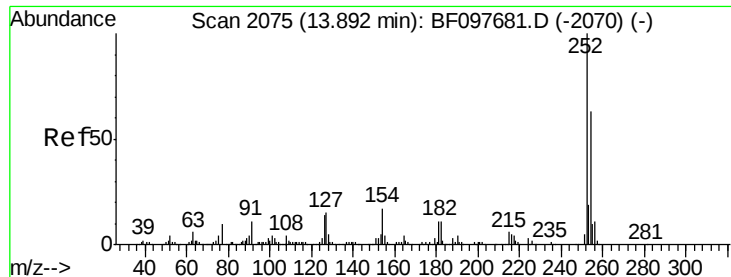
Tot Ion:149 Resp: 307664
Ion Ratio Lower Upper
149 100
91 85.3 45.0 67.4#
206 17.5 17.0 25.6



#80
Benzo(a)anthracene
Concen: 42.10 ng
RT: 13.93 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BF097708.D
Acq: 15 Aug 2017 23:19

Tgt Ion:228 Resp: 645901
Ion Ratio Lower Upper
228 100
226 28.4 22.6 33.8
229 20.4 16.3 24.5





#81

3,3'-Dichlorobenzidine

Concen: 33.76 ng

RT: 13.89 min Scan# 2007

Delta R.T. 0.00 min

Lab File: BF097708.D

Acq: 15 Aug 2017 23:19

Instrument :

BNA_F

ClientSampleId :

SB-24-COMPMSD

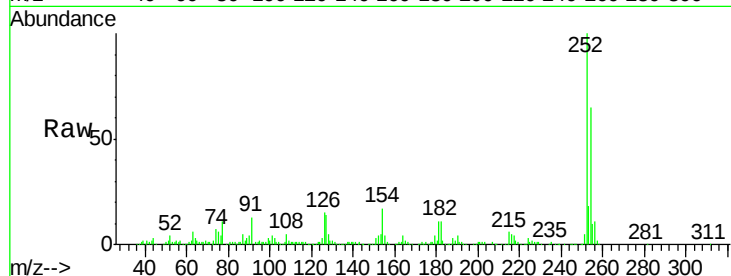
Tot Ion:252 Resp: 174778

Ion Ratio Lower Upper

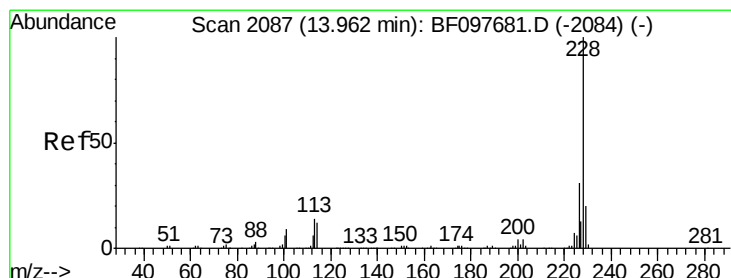
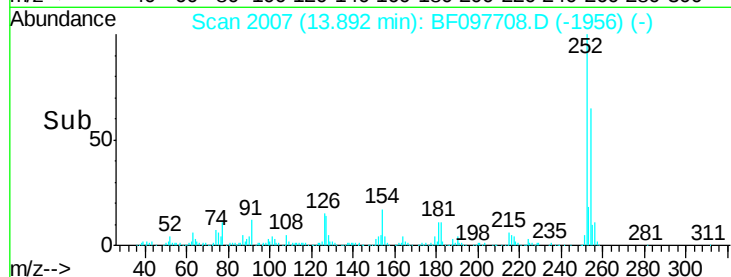
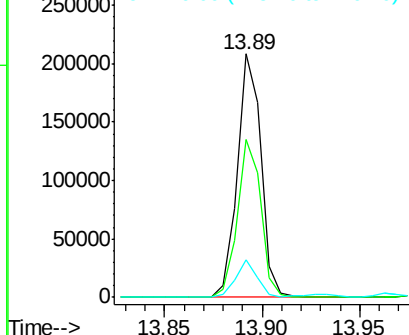
252 100

254 64.8 51.5 77.3

126 15.2 15.8 23.8#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 41.37 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.01 min

Lab File: BF097708.D

Acq: 15 Aug 2017 23:19

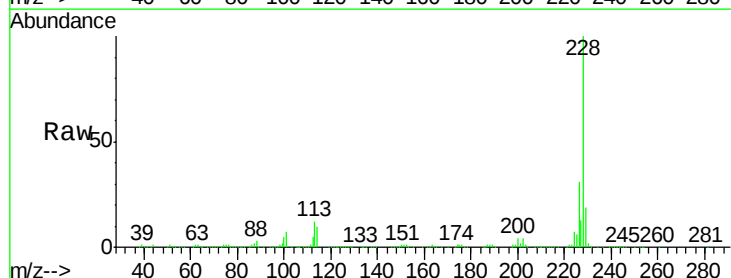
Tgt Ion:228 Resp: 631467

Ion Ratio Lower Upper

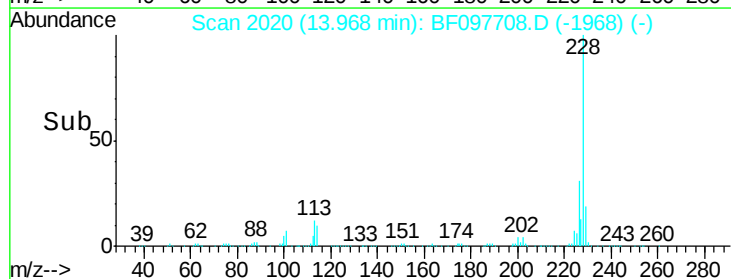
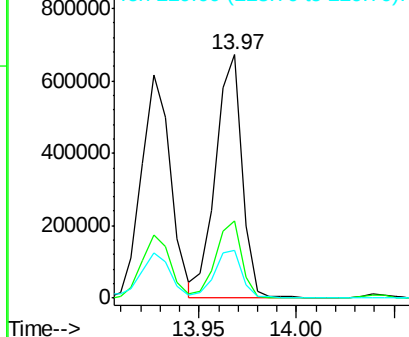
228 100

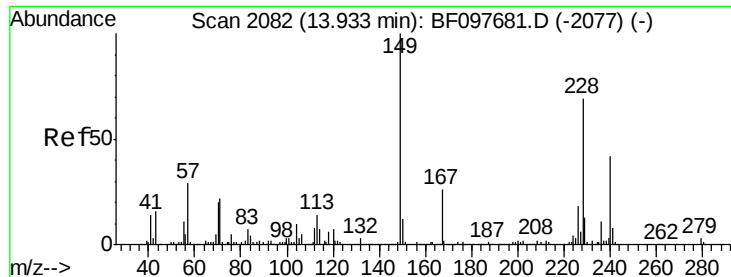
226 31.5 24.9 37.3

229 19.5 15.8 23.6



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: 42.38 ng

RT: 13.93 min Scan# 2014

Delta R.T. 0.00 min

Lab File: BF097708.D

Acq: 15 Aug 2017 23:19

Instrument :

BNA_F

ClientSampleId :

SB-24-COMPMSD

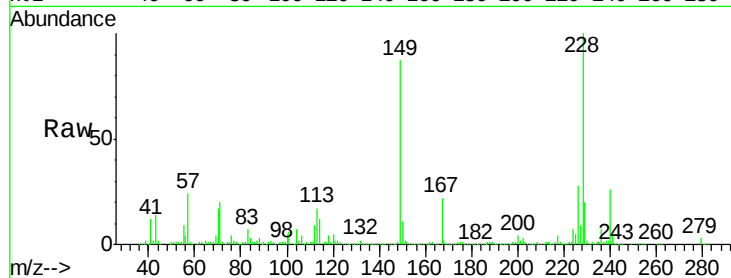
Tot Ion:149 Resp: 377042

Ion Ratio Lower Upper

149 100

167 25.6 21.0 31.4

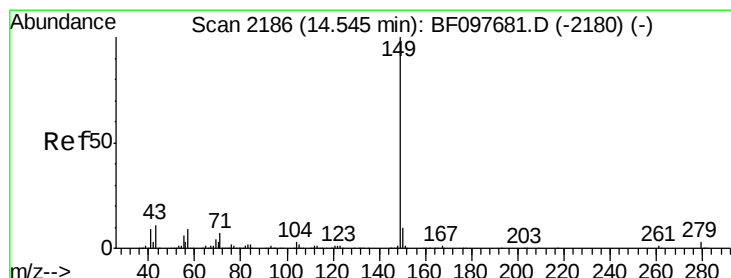
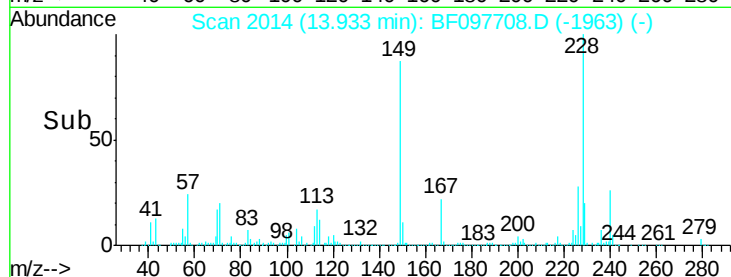
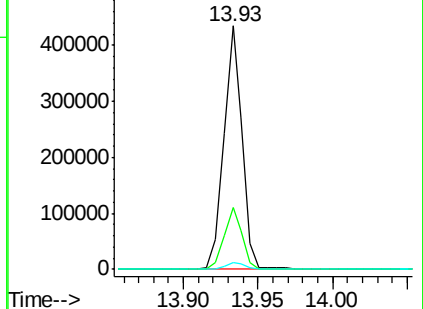
279 2.9 1.9 2.9#



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: 44.32 ng

RT: 14.54 min Scan# 2118

Delta R.T. 0.00 min

Lab File: BF097708.D

Acq: 15 Aug 2017 23:19

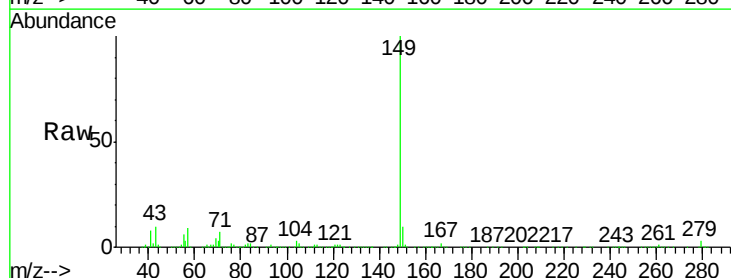
Tgt Ion:149 Resp: 685926

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

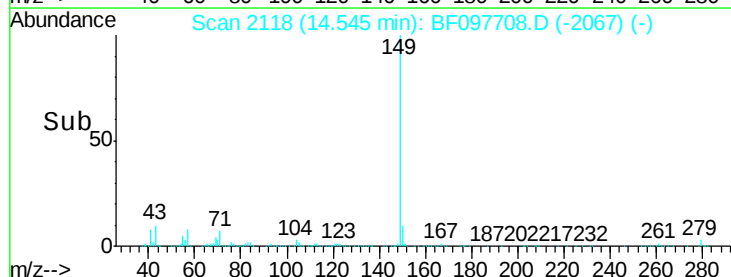
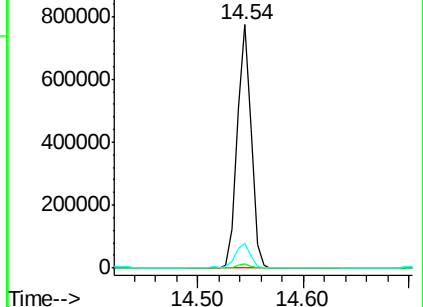
43 10.5 8.5 12.7

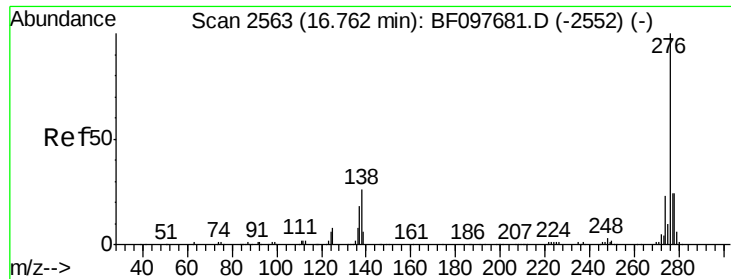


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

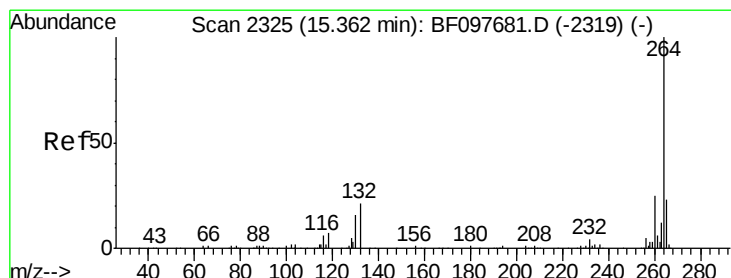
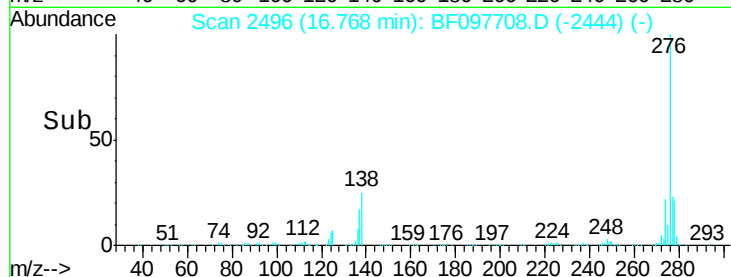
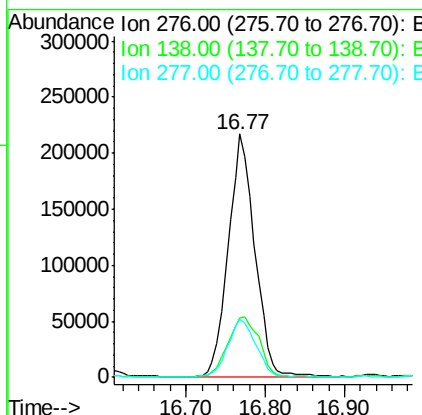
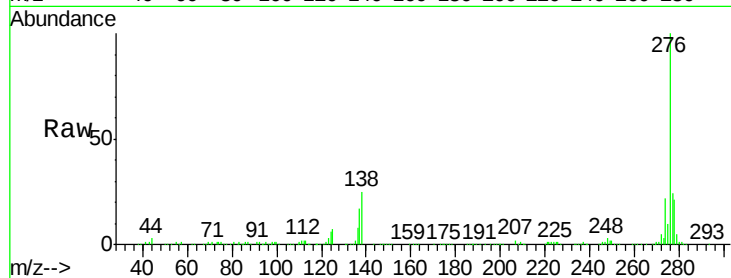




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.52 ng
 RT: 16.77 min Scan# 2496
 Delta R.T. 0.01 min
 Lab File: BF097708.D
 Acq: 15 Aug 2017 23:19

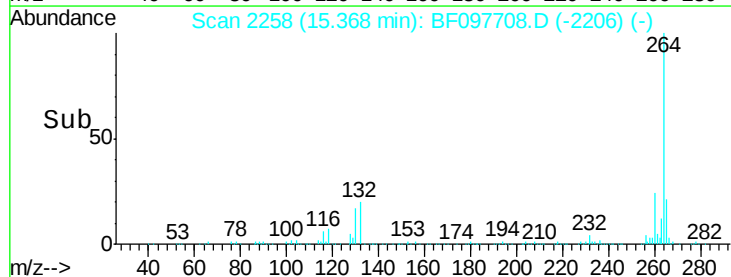
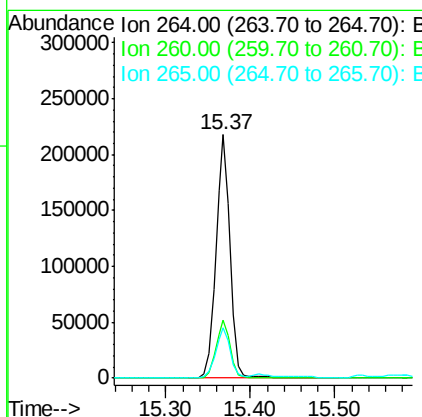
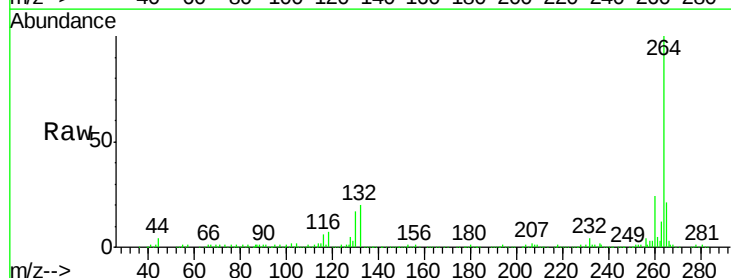
Instrument :
 BNA_F
 ClientSampleId :
 SB-24-COMPMSD

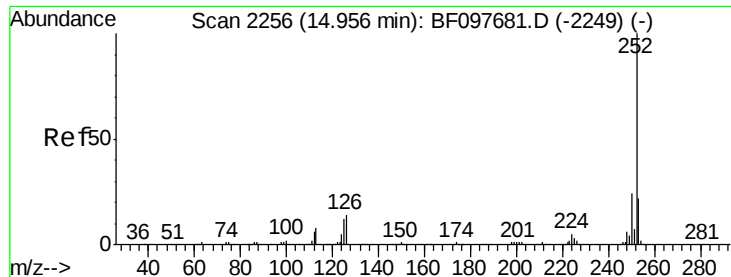
Tot Ion:	276	Resp:	499859
Ion	Ratio	Lower	Upper
276	100		
138	29.1	27.8	41.6
277	24.9	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 2258
 Delta R.T. 0.01 min
 Lab File: BF097708.D
 Acq: 15 Aug 2017 23:19

Tgt Ion:	264	Resp:	258477
Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	20.7	17.2	25.8

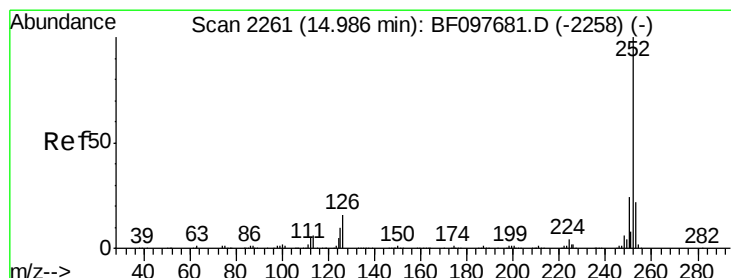
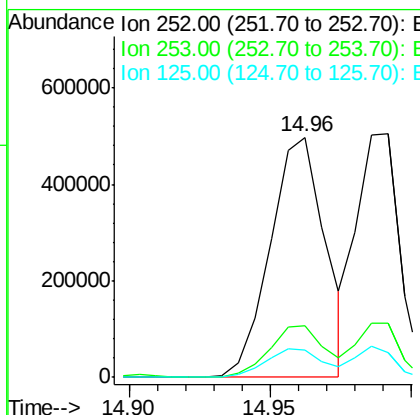
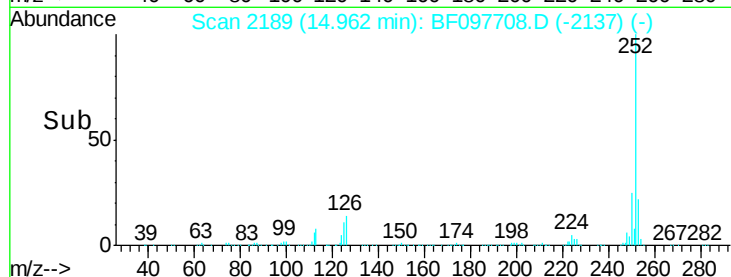
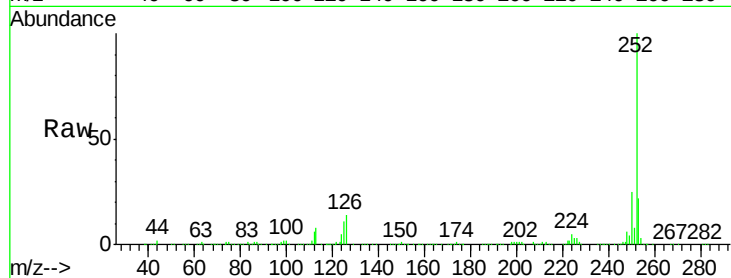




#87
Benzo(b)fluoranthene
Concen: 41.13 ng
RT: 14.96 min Scan# 2189
Delta R.T. 0.01 min
Lab File: BF097708.D
Acq: 15 Aug 2017 23:19

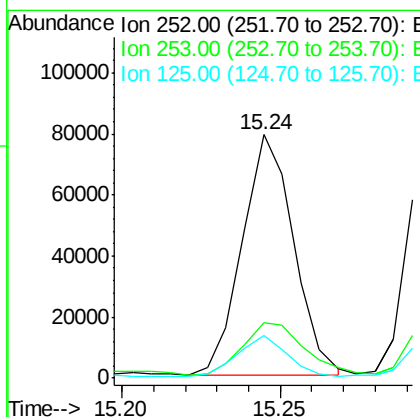
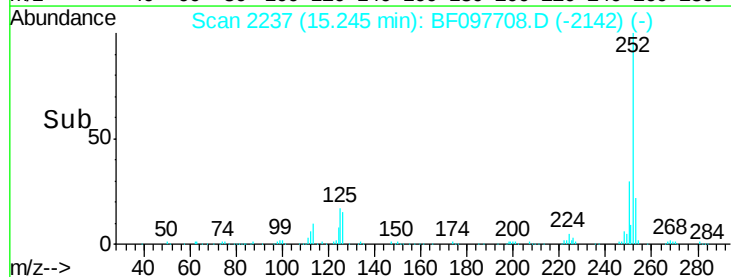
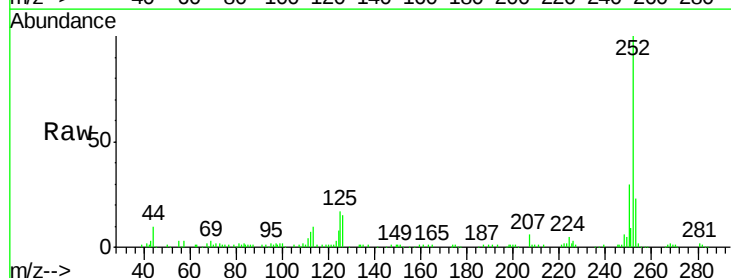
Instrument :
BNA_F
ClientSampleId :
SB-24-COMPMSD

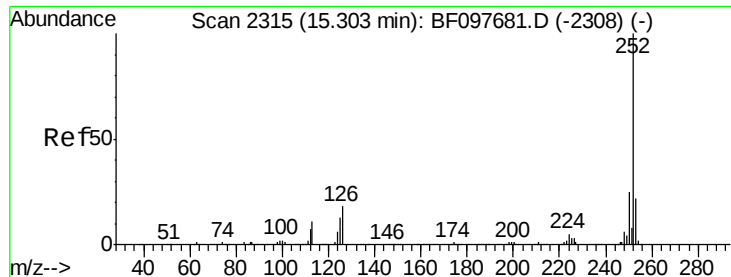
Tot Ion:252 Resp: 670196
Ion Ratio Lower Upper
252 100
253 21.8 18.1 27.1
125 11.2 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 5.83 ng
RT: 15.24 min Scan# 2237
Delta R.T. 0.26 min
Lab File: BF097708.D
Acq: 15 Aug 2017 23:19

Tgt Ion:252 Resp: 89206
Ion Ratio Lower Upper
252 100
253 22.9 18.4 27.6
125 17.3 13.1 19.7





#89

Benzo(a)pyrene

Concen: 41.14 ng

RT: 15.31 min Scan# 2248

Delta R.T. 0.01 min

Lab File: BF097708.D

Acq: 15 Aug 2017 23:19

Instrument :

BNA_F

ClientSampleId :

SB-24-COMPMSD

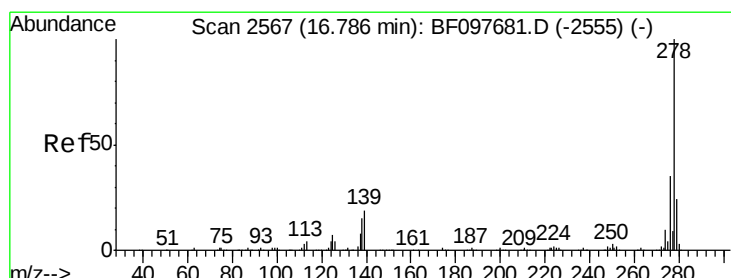
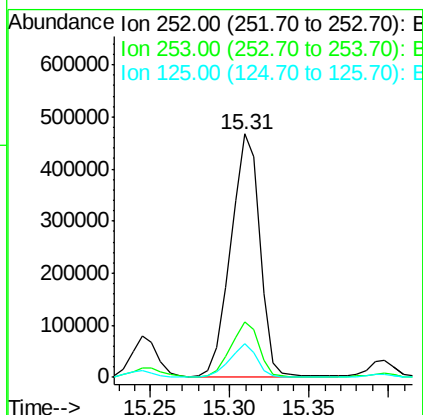
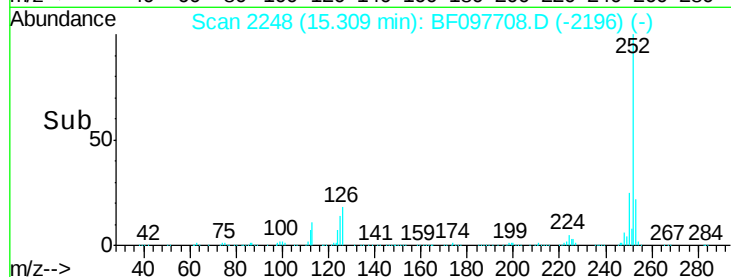
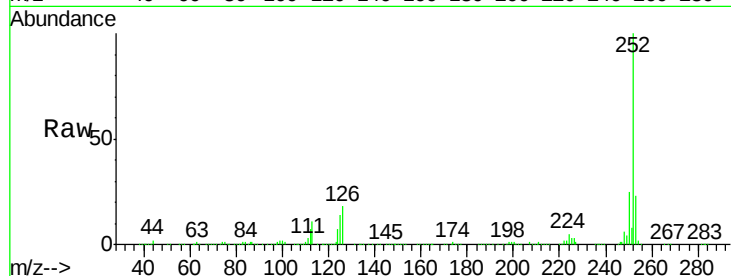
Tot Ion:252 Resp: 593387

Ion Ratio Lower Upper

252 100

253 22.6 17.5 26.3

125 13.7 11.0 16.4



#90

Dibenzo(a,h)anthracene

Concen: 32.14 ng

RT: 16.79 min Scan# 2500

Delta R.T. 0.01 min

Lab File: BF097708.D

Acq: 15 Aug 2017 23:19

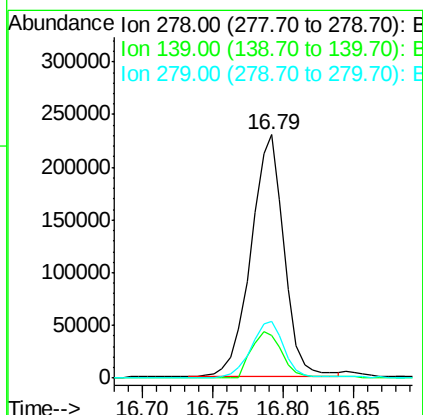
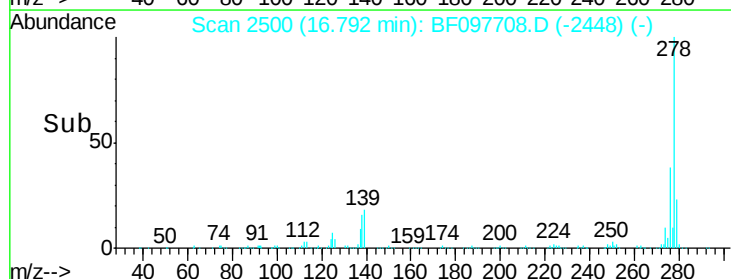
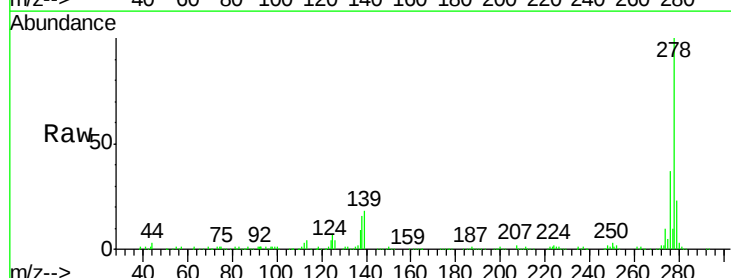
Tgt Ion:278 Resp: 377352

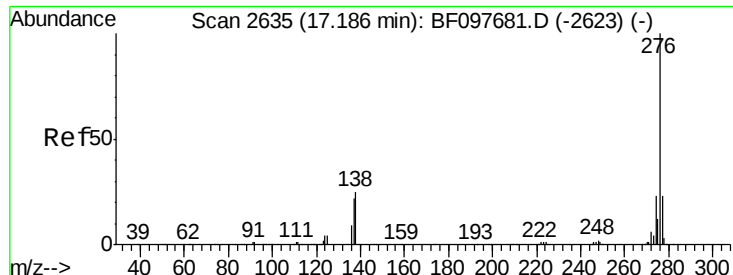
Ion Ratio Lower Upper

278 100

139 17.8 16.6 24.8

279 23.4 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 32.60 ng

RT: 17.19 min Scan# 2568

Delta R.T. 0.01 min

Lab File: BF097708.D

Acq: 15 Aug 2017 23:19

Instrument :

BNA_F

ClientSampleId :

SB-24-COMPMSD

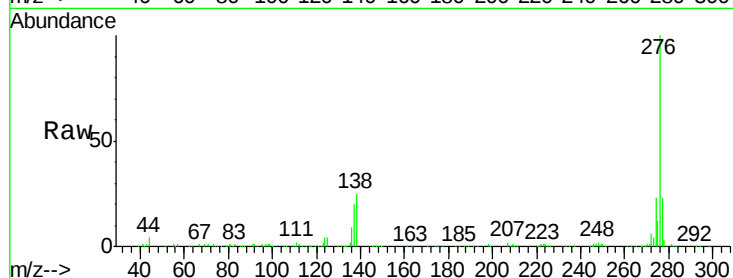
Tot Ion:276 Resp: 399443

Ion Ratio Lower Upper

276 100

277 23.3 18.6 28.0

138 24.8 25.4 38.0#



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

