

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092217\
 Data File : BF098719.D
 Acq On : 23 Sep 2017 1:59
 Operator : SJ/JU
 Sample : I5340-01MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LT-TS-001MSD

Quant Time: Sep 23 04:51:52 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 10:38:37 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	163589	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	672066	20.00	ng	0.00
38) Acenaphthene-d10	9.97	164	274318	20.00	ng	0.00
63) Phenanthrene-d10	11.45	188	389256	20.00	ng	0.00
75) Chrysene-d12	14.09	240	340842	20.00	ng	0.00
86) Perylene-d12	15.59	264	297820	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	527063	48.92	ng	0.00
7) Phenol-d6	6.55	99	628409	48.17	ng	0.00
23) Nitrobenzene-d5	7.49	82	388064	39.17	ng	0.00
41) 2,4,6-Tribromophenol	10.76	330	182938	72.92	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	862638	50.04	ng	0.00
78) Terphenyl-d14	13.03	244	793559	49.99	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.77	88	64348	12.645	ng	99
3) Pyridine	3.56	79	222383	16.444	ng	99
4) n-Nitrosodimethylamine	3.49	42	98046	16.546	ng	93
6) Aniline	6.59	93	203052	11.750	ng	99
8) 2-Chlorophenol	6.71	128	174876	14.944	ng	99
9) Benzaldehyde	6.48	77	49127	6.714	ng	99
10) Phenol	6.56	94	221904	15.412	ng	99
11) bis(2-Chloroethyl)ether	6.66	93	168233	15.167	ng	97
12) 1,3-Dichlorobenzene	6.87	146	188777	15.272	ng	99
13) 1,4-Dichlorobenzene	6.95	146	192405	15.379	ng	99
14) 1,2-Dichlorobenzene	7.10	146	181147	15.526	ng	99
15) Benzyl Alcohol	7.06	79	172414	18.316	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.20	45	263418	14.902	ng	99
17) 2-Methylphenol	7.17	107	142220	14.915	ng	98
18) Hexachloroethane	7.45	117	58183	13.509	ng	95
19) n-Nitroso-di-n-propylamine	7.33	70	165532	20.483	ng	97
20) 3+4-Methylphenols	7.32	107	205256	16.695	ng	95
22) Acetophenone	7.33	105	280150	16.851	ng	# 96
24) Nitrobenzene	7.50	77	189304	16.543	ng	97
25) Isophorone	7.75	82	455519	21.081	ng	99
26) 2-Nitrophenol	7.82	139	88571	21.133	ng	96
27) 2,4-Dimethylphenol	7.85	122	167539	15.788	ng	100
28) bis(2-Chloroethoxy)methane	7.95	93	259228	19.279	ng	99
29) 2,4-Dichlorophenol	8.06	162	163076	17.864	ng	97
30) 1,2,4-Trichlorobenzene	8.15	180	145297	15.781	ng	98
31) Naphthalene	8.23	128	529109	16.588	ng	99
32) Benzoic acid	7.93	122	73964	15.620	ng	99
33) 4-Chloroaniline	8.27	127	219890	16.581	ng	99
34) Hexachlorobutadiene	8.35	225	73344	14.786	ng	97
35) Caprolactam	8.63	113	75150	26.401	ng	99
36) 4-Chloro-3-methylphenol	8.75	107	220017	21.115	ng	96
37) 2-Methylnaphthalene	8.92	142	404688	19.759	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	150419	18.540	ng	100
40) Hexachlorocyclopentadiene	9.07	237	27353	7.758	ng	97

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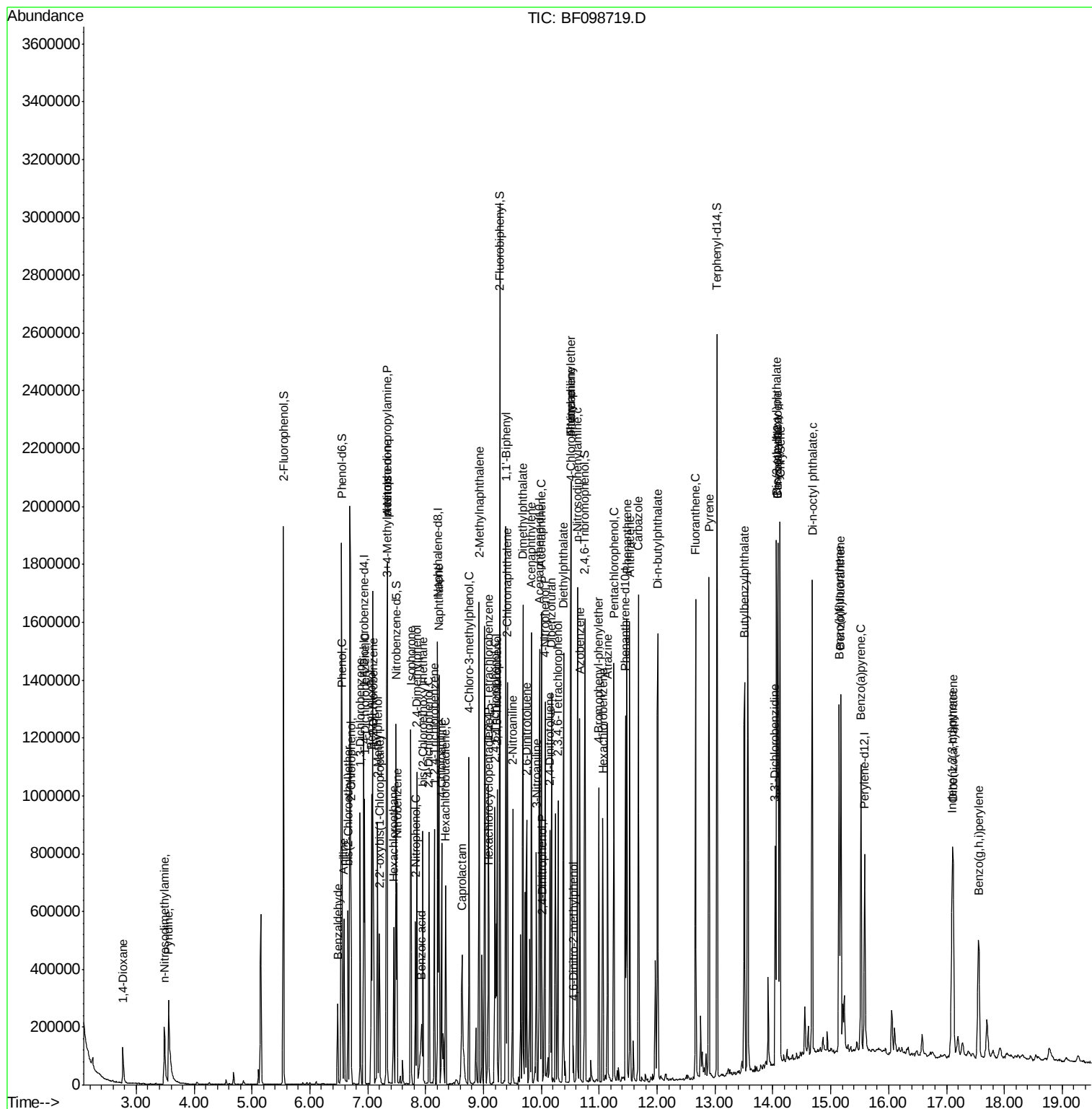
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42) 2,4,6-Trichlorophenol	9.20	196	126869	23.204	nq	100
43) 2,4,5-Trichlorophenol	9.23	196	139099	24.811	nq	97
45) 1,1'-Biphenyl	9.39	154	507009	21.513	nq	98
46) 2-Chloronaphthalene	9.41	162	383653	21.709	nq	99
47) 2-Nitroaniline	9.50	65	137997	27.811	nq	99
48) Acenaphthylene	9.83	152	599903	22.070	nq	100
49) Dimethylphthalate	9.68	163	634939	30.865	nq	99
50) 2,6-Dinitrotoluene	9.74	165	104666	25.784	nq	93
51) Acenaphthene	10.00	154	361069	21.401	nq	99
52) 3-Nitroaniline	9.91	138	115673	23.904	nq	97
53) 2,4-Dinitrophenol	10.02	184	11657	15.020	nq	91
54) Dibenzofuran	10.17	168	538682	23.382	nq	99
55) 4-Nitrophenol	10.06	139	210939	50.093	nq	96
56) 2,4-Dinitrotoluene	10.14	165	136375	25.008	nq	99
57) Fluorene	10.52	166	401313	21.672	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.29	232	105654	26.489	nq	99
59) Diethylphthalate	10.38	149	509216	25.259	nq	100
60) 4-Chlorophenyl-phenylether	10.50	204	181885	22.421	nq	98
61) 4-Nitroaniline	10.52	138	121794	26.243	nq	97
62) Azobenzene	10.66	77	433134	22.973	nq	99
64) 4,6-Dinitro-2-methylphenol	10.55	198	12209	14.066	nq	96
65) n-Nitrosodiphenylamine	10.62	169	367632	27.438	nq	99
66) 4-Bromophenyl-phenylether	11.00	248	107449	27.338	nq	# 88
67) Hexachlorobenzene	11.06	284	112623	25.147	nq	92
68) Atrazine	11.14	200	122919	30.498	nq	100
69) Pentachlorophenol	11.25	266	140536	54.900	nq	98
70) Phenanthrene	11.48	178	579448	27.441	nq	98
71) Anthracene	11.53	178	585895	27.212	nq	99
72) Carbazole	11.68	167	601561	28.593	nq	99
73) Di-n-butylphthalate	12.01	149	743556	30.428	nq	99
74) Fluoranthene	12.67	202	633136	30.086	nq	96
77) Pyrene	12.90	202	661507	26.142	nq	100
79) Butylbenzylphthalate	13.51	149	304247	29.063	nq	94
80) Benzo(a)anthracene	14.08	228	631580	30.763	nq	99
81) 3,3'-Dichlorobenzidine	14.04	252	145334	19.837	nq	98
82) Chrysene	14.12	228	586963	29.605	nq	98
83) Bis(2-ethylhexyl)phthalate	14.06	149	443250	30.610	nq	# 99
84) Di-n-octyl phthalate	14.68	149	807304	37.122	nq	99
85) Indeno(1,2,3-cd)pyrene	17.10	276	421492	27.405	nq	99
87) Benzo(b)fluoranthene	15.14	252	526186	30.464	nq	98
88) Benzo(k)fluoranthene	15.17	252	526134	30.483	nq	99
89) Benzo(a)pyrene	15.52	252	472212	30.104	nq	97
90) Dibenzo(a,h)anthracene	17.12	278	354418	26.716	nq	100
91) Benzo(g,h,i)perylene	17.56	276	334524	25.085	nq	97

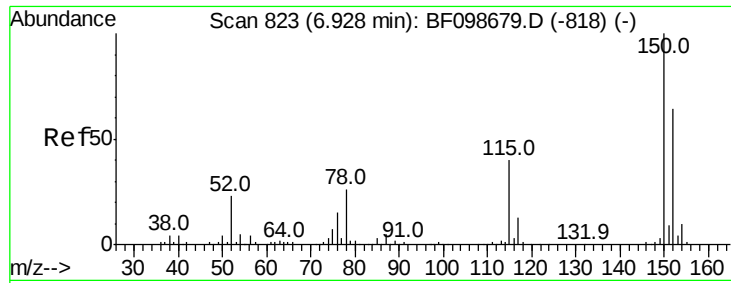
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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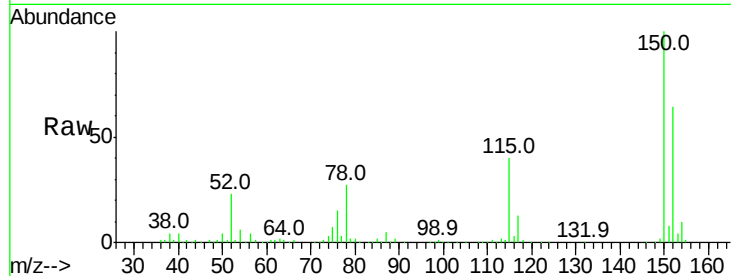


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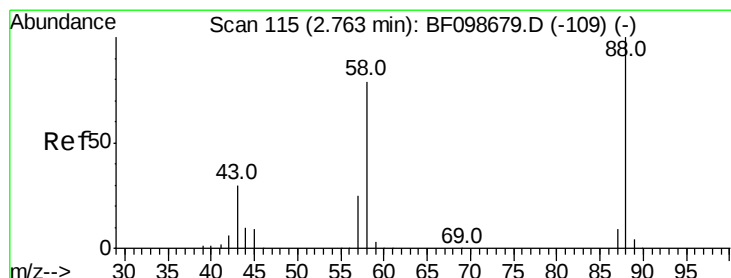
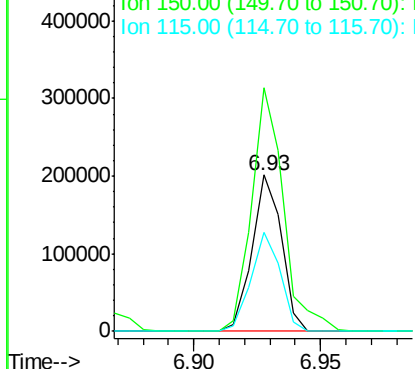
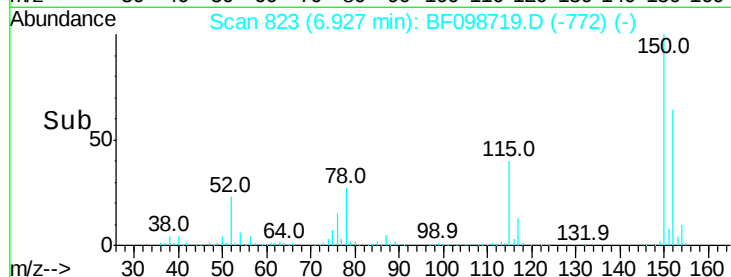
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.93 min Scan# 823
 Delta R.T. -0.00 min
 Lab File: BF098719.D
 Acq: 23 Sep 2017 1:59

Instrument :
 BNA_F
 ClientSampleId :
 LT-TS-001MSD

Tot Ion:152 Resp: 163589
 Ion Ratio Lower Upper
 152 100
 150 155.6 124.6 186.8
 115 62.9 50.1 75.1



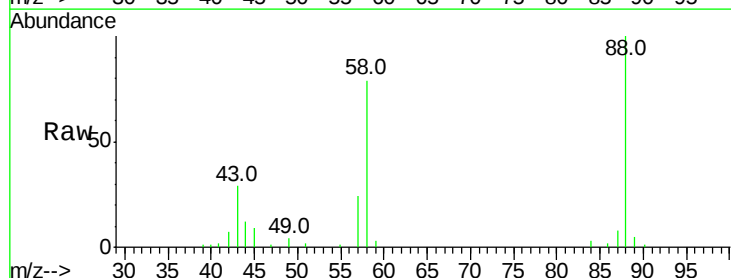
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



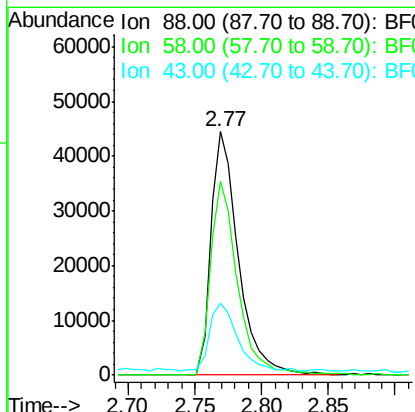
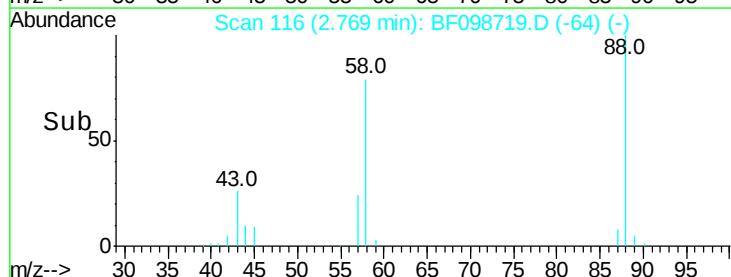
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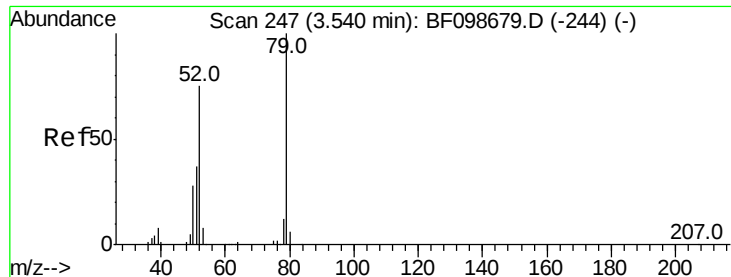
1,4-Dioxane
 Concen: 12.645 ng
 RT: 2.77 min Scan# 116
 Delta R.T. 0.01 min
 Lab File: BF098719.D
 Acq: 23 Sep 2017 1:59

Tgt Ion: 88 Resp: 64348
 Ion Ratio Lower Upper
 88 100
 58 78.6 62.6 93.8
 43 28.6 24.6 37.0



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

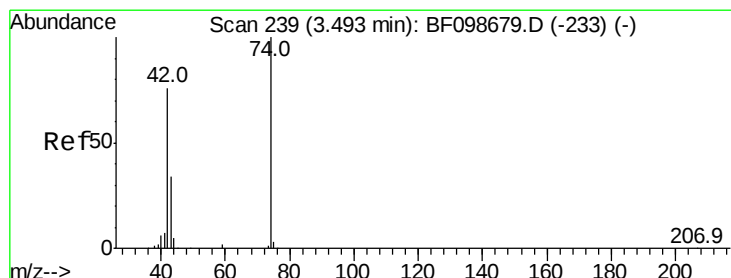
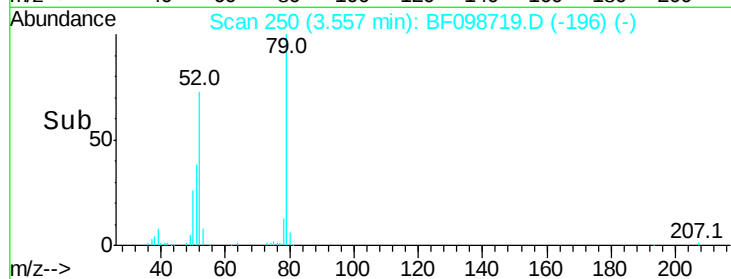
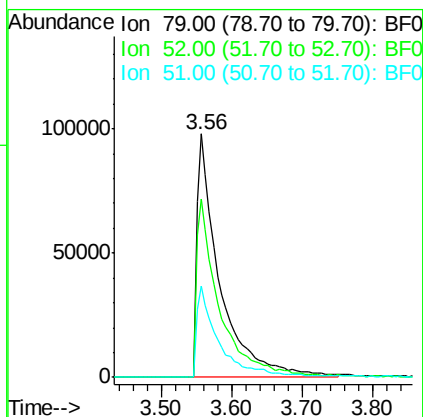
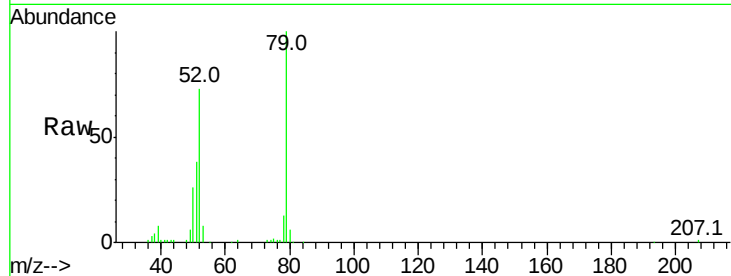




#3
 Pvridine
 Concen: 16.444 ng
 RT: 3.56 min Scan# 250
 Delta R.T. 0.02 min
 Lab File: BF098719.D
 Acq: 23 Sep 2017 1:59

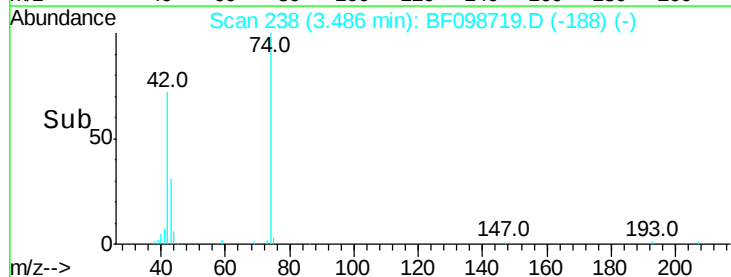
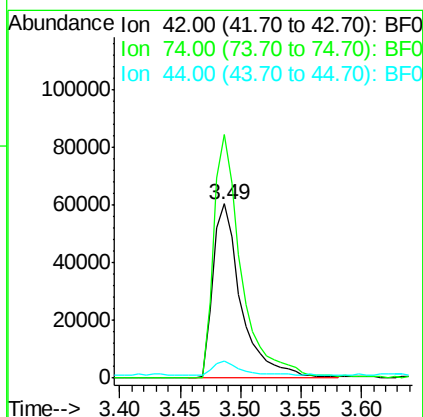
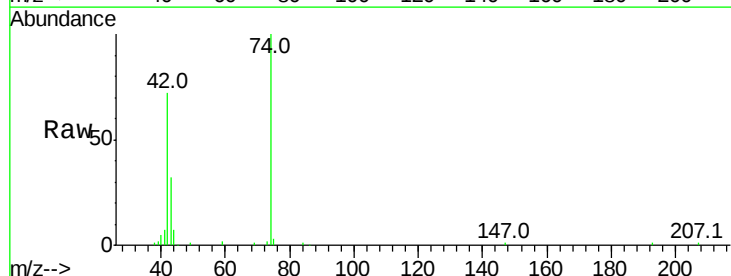
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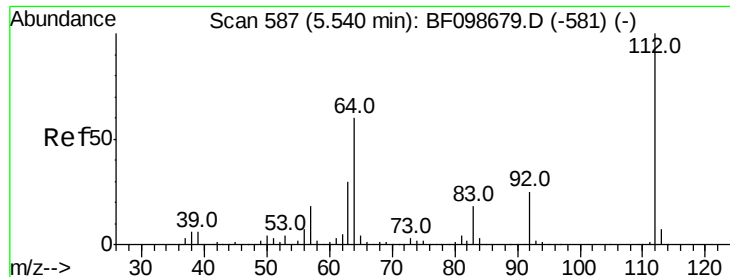
Tot Ion: 79 Resp: 222383
 Ion Ratio Lower Upper
 79 100
 52 73.2 59.8 89.6
 51 37.6 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 16.546 ng
 RT: 3.49 min Scan# 238
 Delta R.T. -0.01 min
 Lab File: BF098719.D
 Acq: 23 Sep 2017 1:59

Tgt Ion: 42 Resp: 98046
 Ion Ratio Lower Upper
 42 100
 74 139.8 104.9 157.3
 44 9.6 6.9 10.3





#5

2-Fluorophenol

Concen: 48.925 ng

RT: 5.55 min Scan# 588

Delta R.T. 0.01 min

Lab File: BF098719.D

Acq: 23 Sep 2017 1:59

Instrument :

BNA_F

ClientSampleId :

LT-TS-001MSD

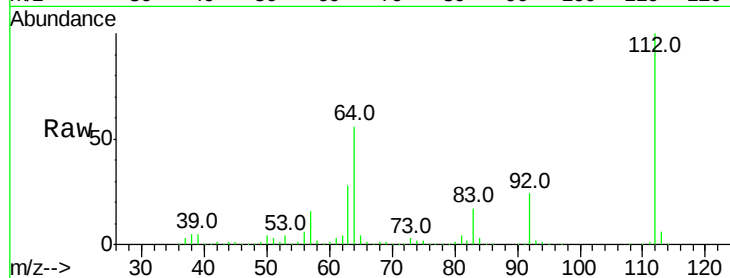
Tot Ion:112 Resp: 527063

Ion Ratio Lower Upper

112 100

64 56.0 47.9 71.9

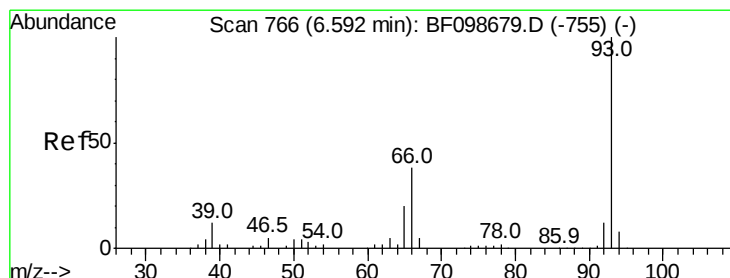
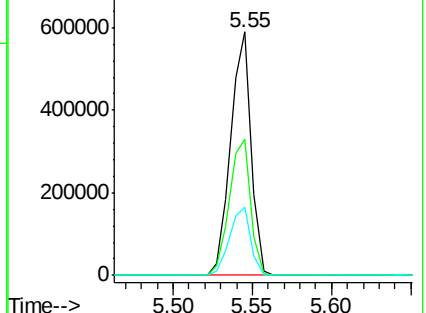
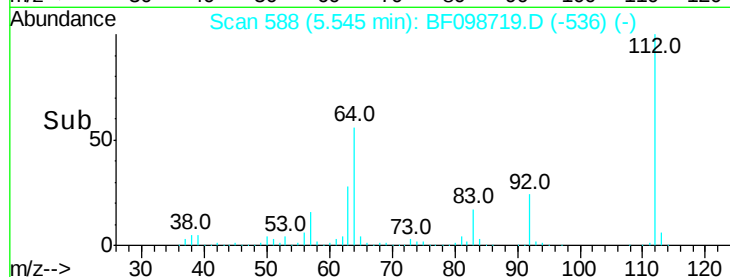
63 27.9 23.7 35.5



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: 11.750 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF098719.D

Acq: 23 Sep 2017 1:59

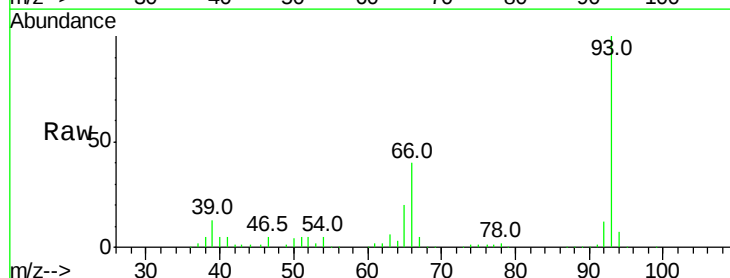
Tgt Ion: 93 Resp: 203052

Ion Ratio Lower Upper

93 100

66 40.5 32.2 48.2

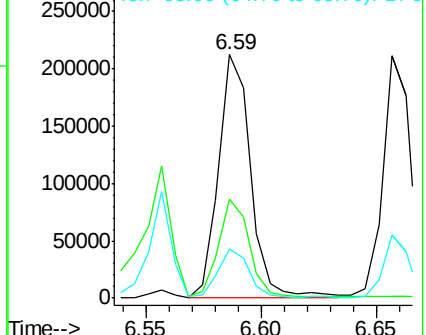
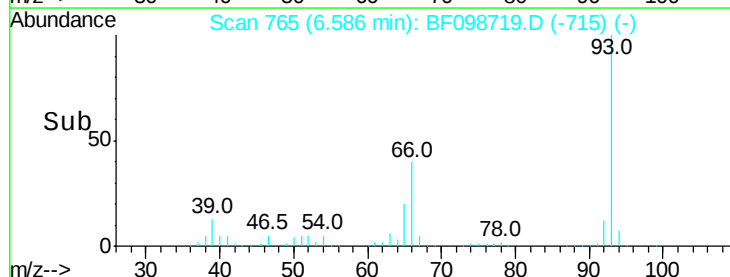
65 20.0 16.4 24.6

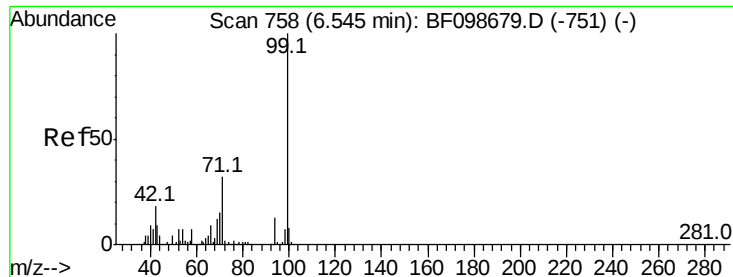


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 48.171 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

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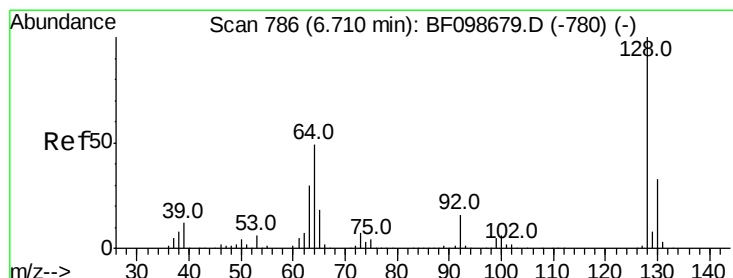
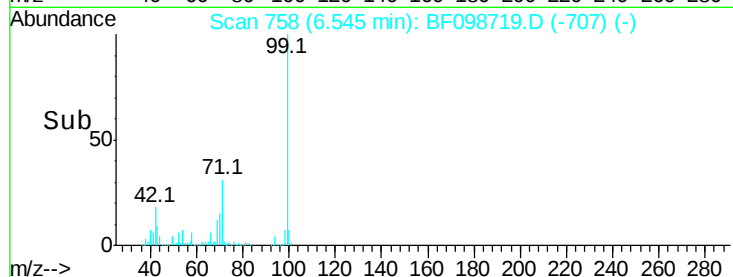
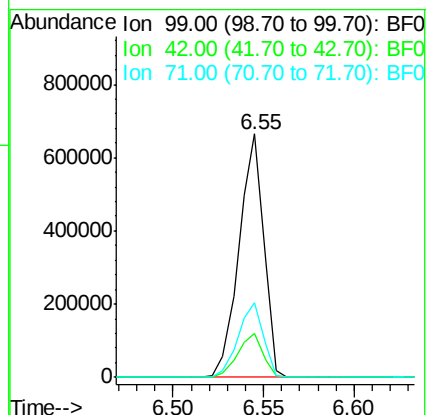
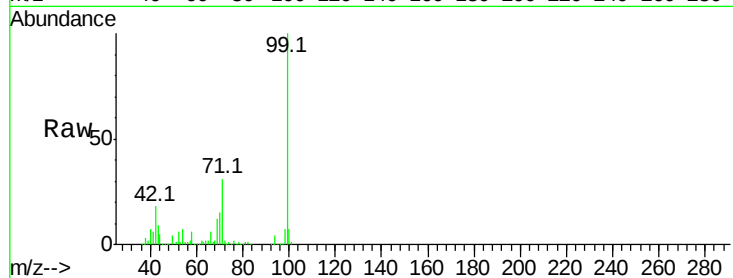
Tot Ion: 99 Resp: 628409

Ion Ratio Lower Upper

99 100

42 18.0 14.5 21.7

71 30.7 25.4 38.0



#8

2-Chlorophenol

Concen: 14.944 ng

RT: 6.71 min Scan# 786

Delta R.T. -0.00 min

Lab File: BF098719.D

Acq: 23 Sep 2017 1:59

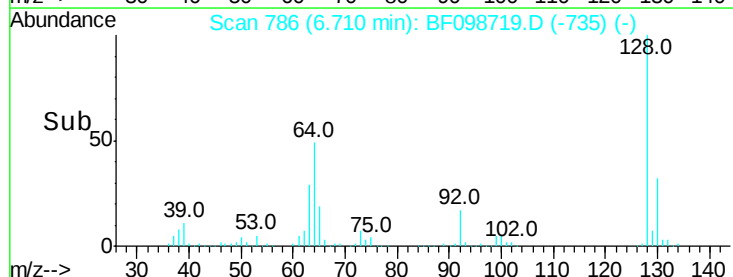
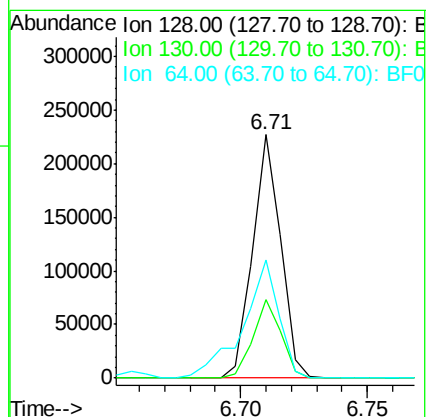
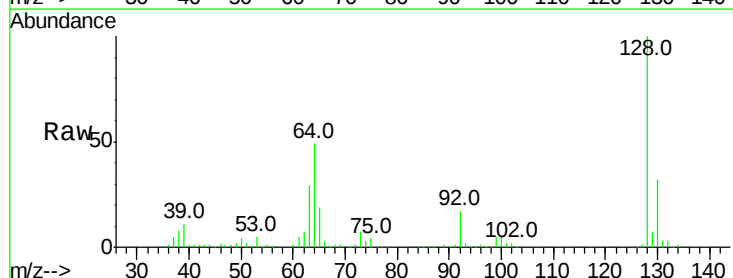
Tgt Ion: 128 Resp: 174876

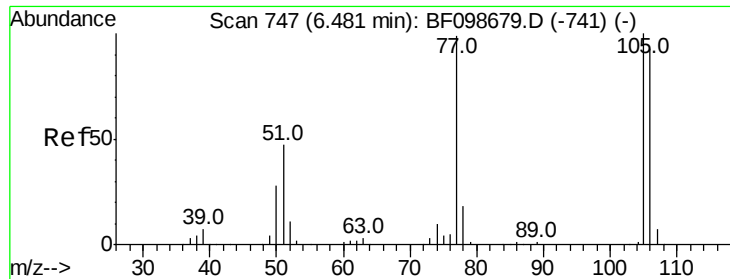
Ion Ratio Lower Upper

128 100

130 32.2 13.0 53.0

64 48.7 29.4 69.4

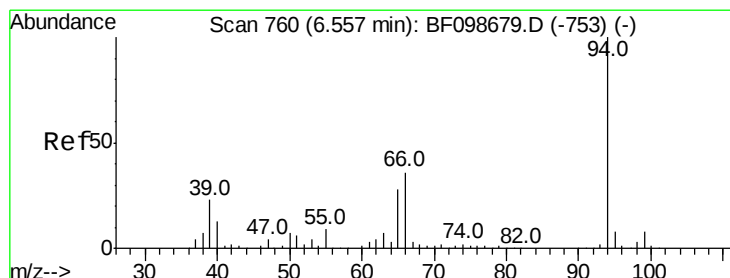
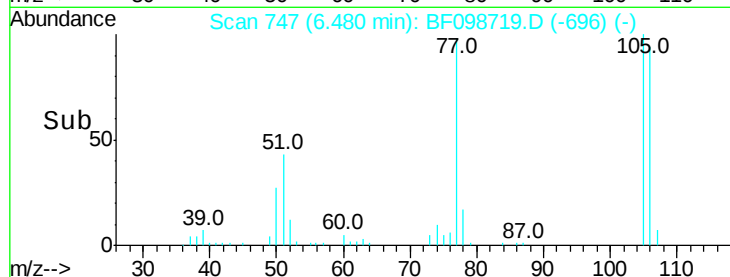
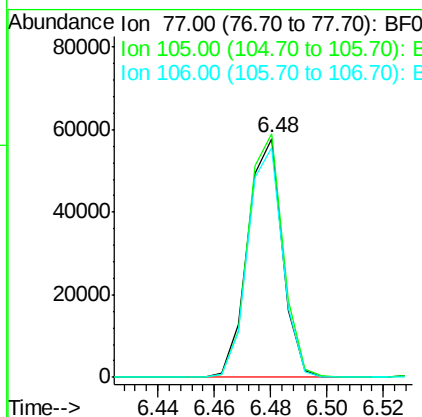
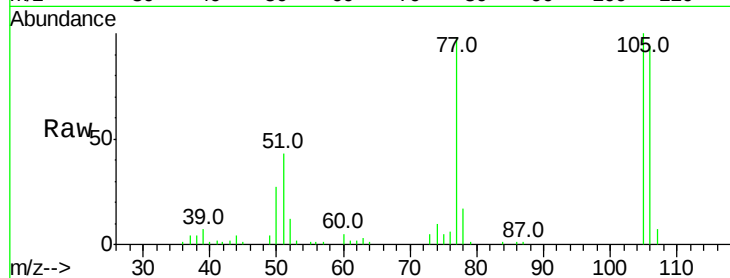




#9
Benzaldehyde
Concen: 6.714 ng
RT: 6.48 min Scan# 747
Delta R.T. 0.00 min
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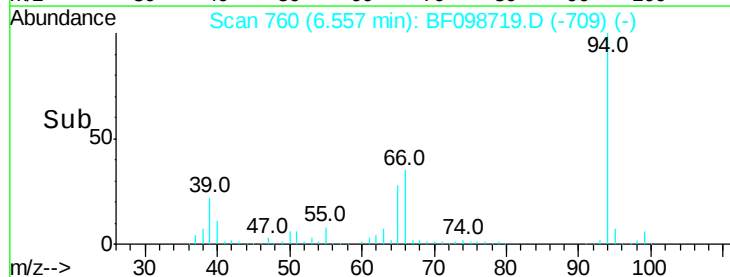
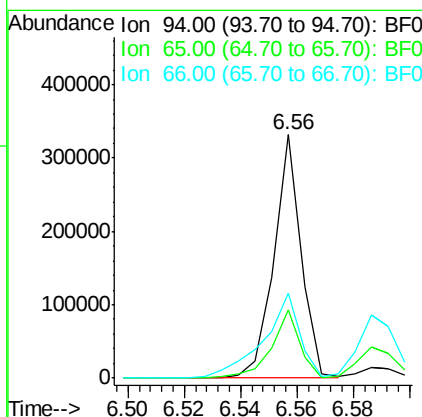
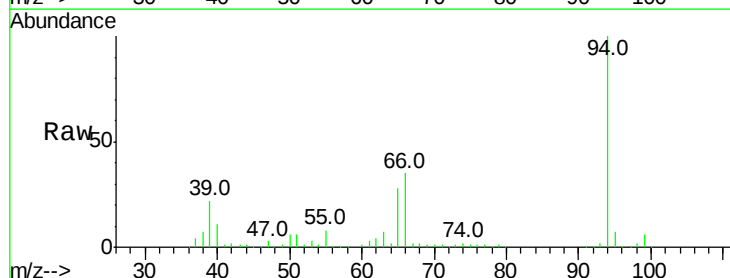
Instrument :
BNA_F
ClientSampleId :
LT-TS-001MSD

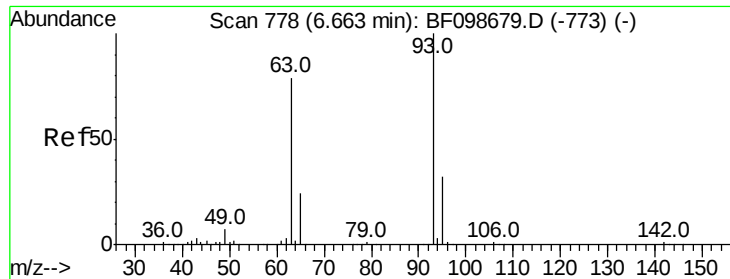
Tot Ion: 77 Resp: 49127
Ion Ratio Lower Upper
77 100
105 101.9 81.1 121.1
106 96.0 74.5 114.5



#10
Phenol
Concen: 15.412 ng
RT: 6.56 min Scan# 760
Delta R.T. -0.00 min
Lab File: BF098719.D
Acq: 23 Sep 2017 1:59

Tgt Ion: 94 Resp: 221904
Ion Ratio Lower Upper
94 100
65 28.0 7.9 47.9
66 34.9 16.2 56.2

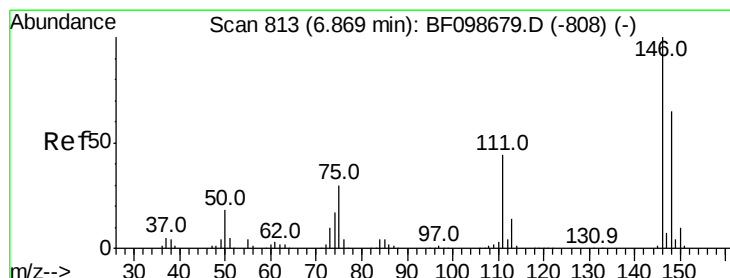
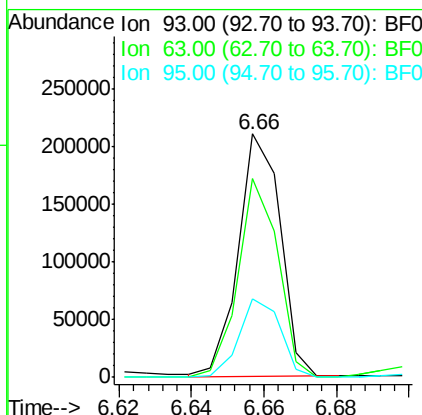
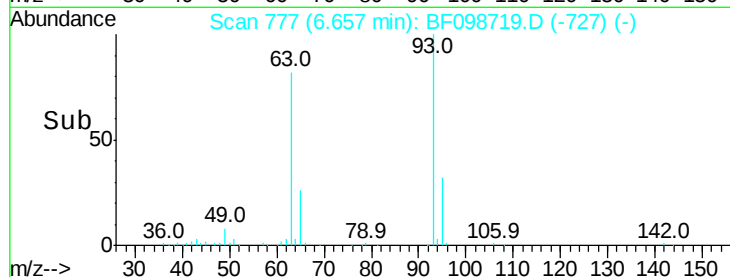
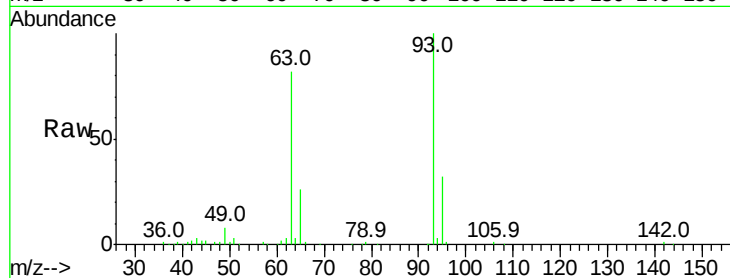




#11
 bis(2-Chloroethyl)ether
 Concen: 15.167 ng
 RT: 6.66 min Scan# 777
 Delta R.T. -0.01 min
 Lab File: BF098719.D
 Acq: 23 Sep 2017 1:59

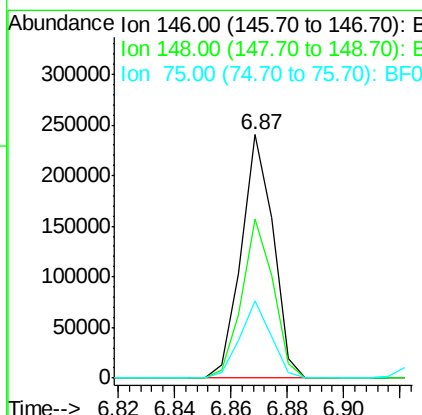
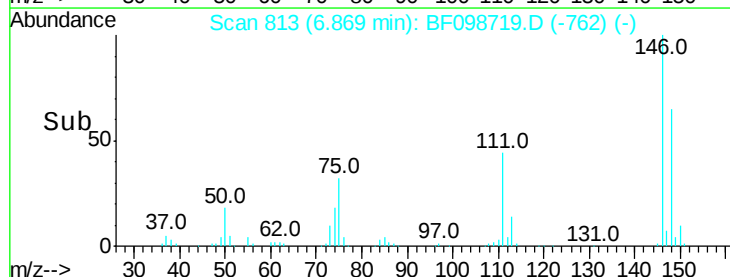
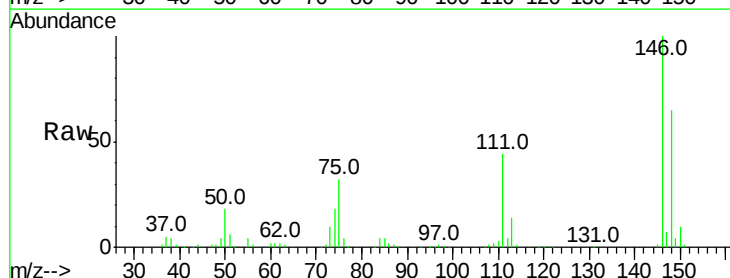
Instrument :
 BNA_F
 ClientSampleId :
 LT-TS-001MSD

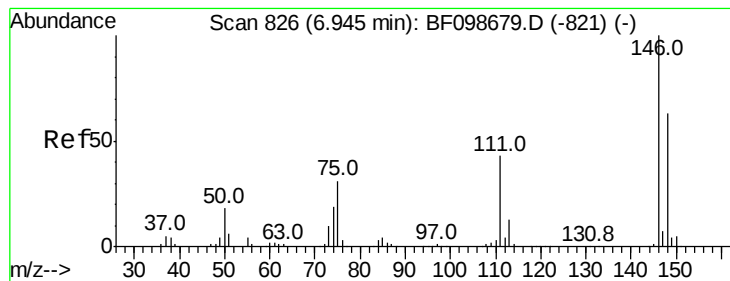
Tot Ion:	93	Resp:	168233
Ion	Ratio	Lower	Upper
93	100		
63	81.9	58.6	98.6
95	32.1	11.8	51.8



#12
 1,3-Dichlorobenzene
 Concen: 15.272 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF098719.D
 Acq: 23 Sep 2017 1:59

Tgt Ion:	146	Resp:	188777
Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.8	77.8
75	31.7	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 15.379 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.00 min

Lab File: BF098719.D

Acq: 23 Sep 2017 1:59

Instrument :

BNA_F

ClientSampleId :

LT-TS-001MSD

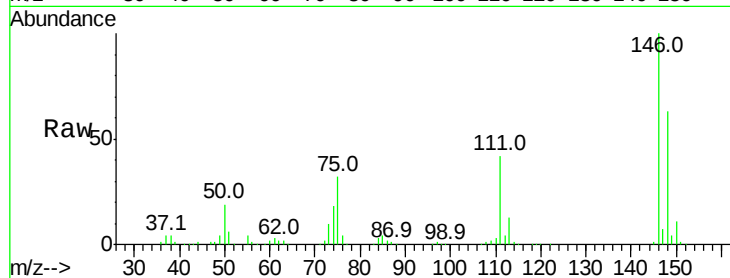
Tot Ion:146 Resp: 192405

Ion Ratio Lower Upper

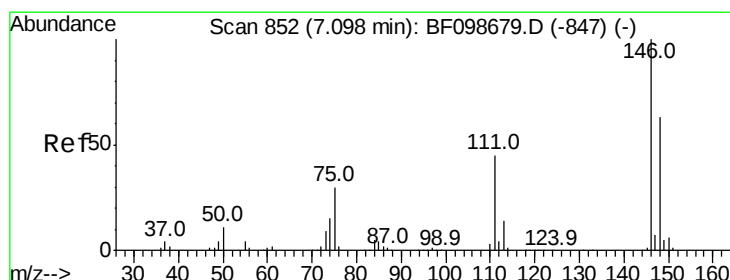
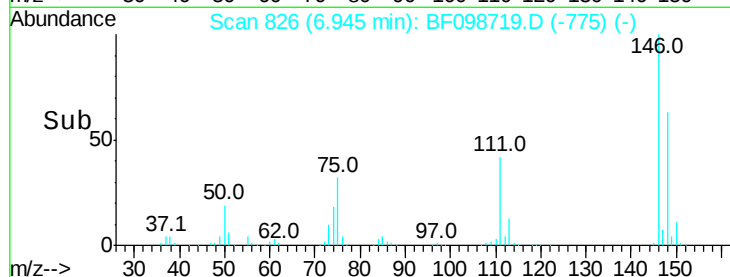
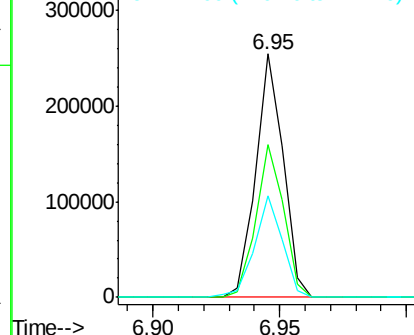
146 100

148 62.5 50.8 76.2

111 41.9 34.2 51.2



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



#14

1,2-Dichlorobenzene

Concen: 15.526 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.00 min

Lab File: BF098719.D

Acq: 23 Sep 2017 1:59

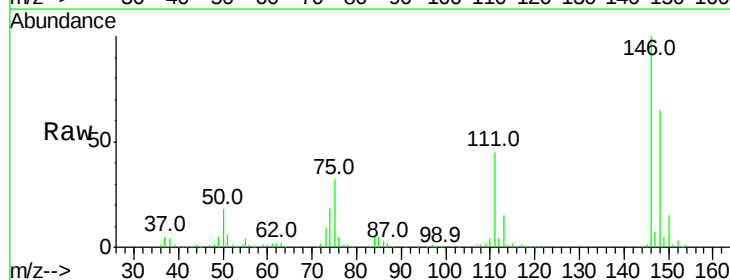
Tgt Ion:146 Resp: 181147

Ion Ratio Lower Upper

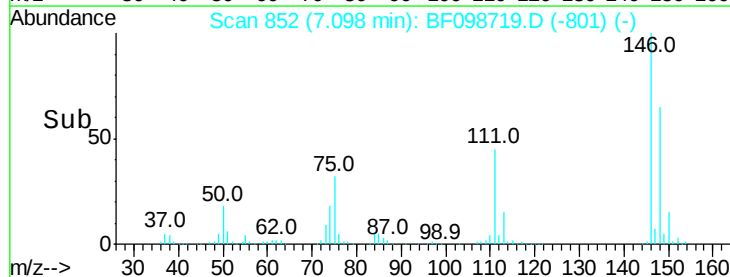
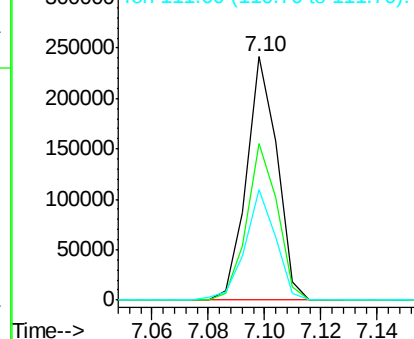
146 100

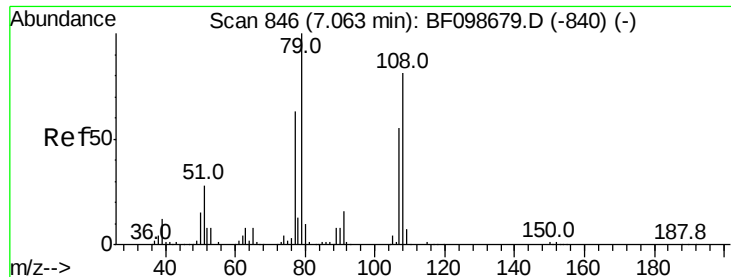
148 64.6 50.6 75.8

111 45.5 36.0 54.0



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: 18.316 ng

RT: 7.06 min Scan# 846

Delta R.T. -0.00 min

Lab File: BF098719.D

Acq: 23 Sep 2017 1:59

Instrument :

BNA_F

ClientSampleId :

LT-TS-001MSD

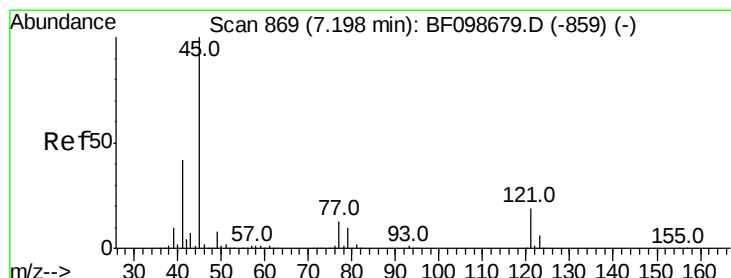
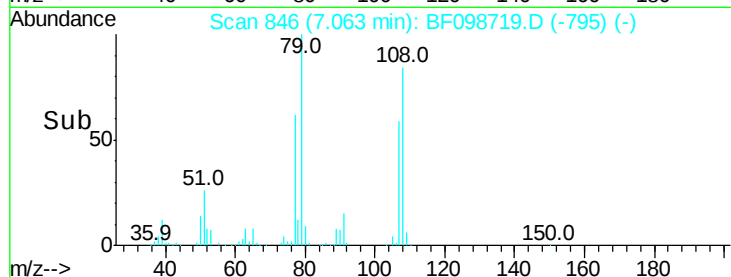
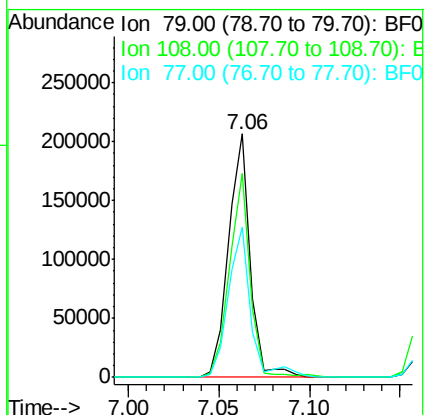
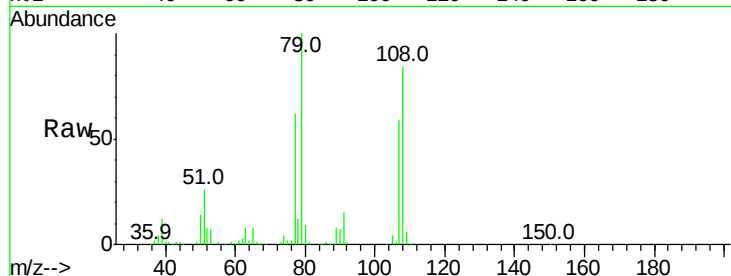
Tot Ion: 79 Resp: 172414

Ion Ratio Lower Upper

79 100

108 83.7 65.1 97.7

77 61.6 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 14.902 ng

RT: 7.20 min Scan# 869

Delta R.T. -0.00 min

Lab File: BF098719.D

Acq: 23 Sep 2017 1:59

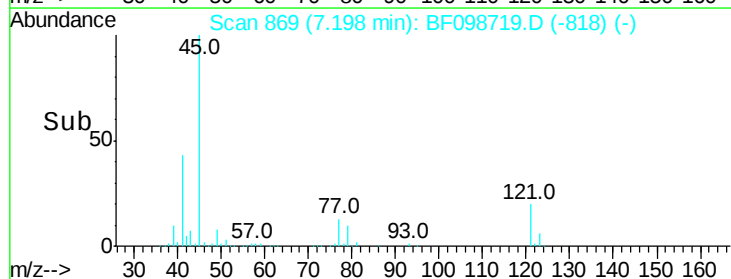
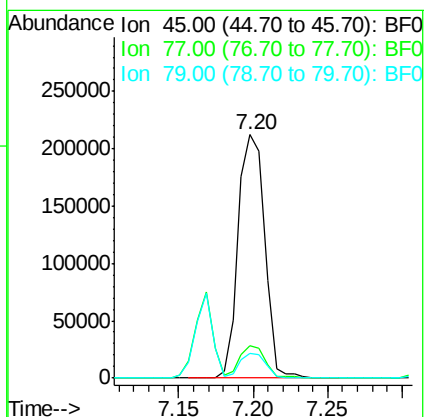
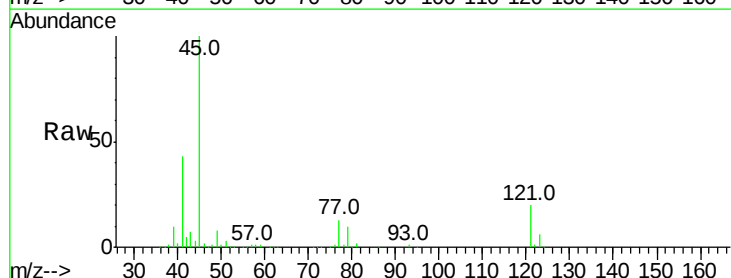
Tgt Ion: 45 Resp: 263418

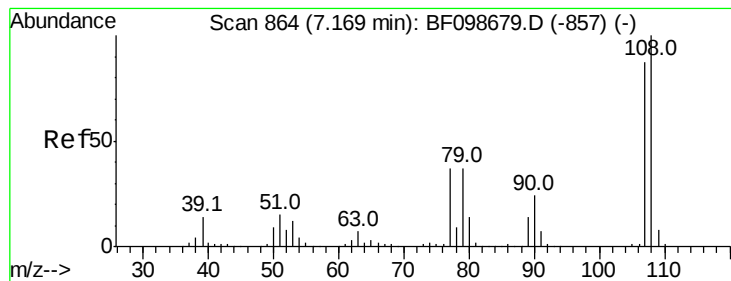
Ion Ratio Lower Upper

45 100

77 13.3 0.0 32.9

79 10.1 0.0 29.6

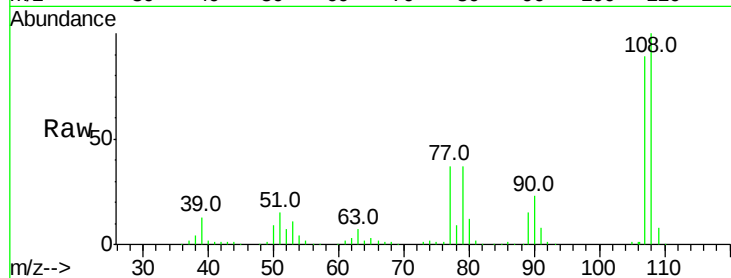




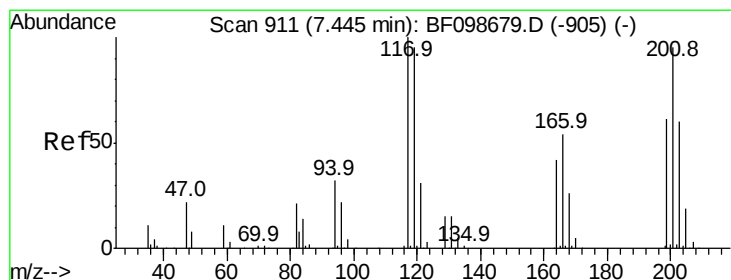
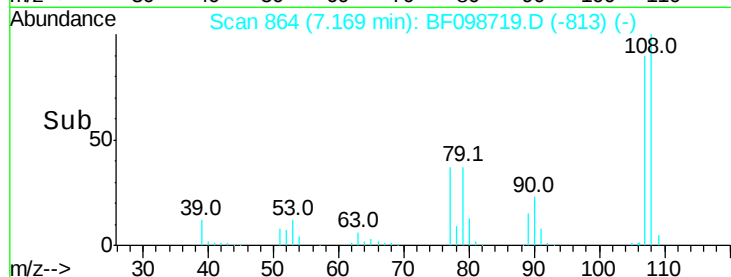
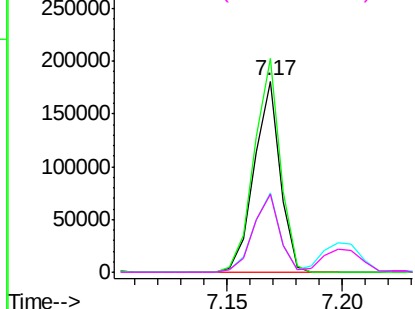
#17
2-Methylphenol
Concen: 14.915 ng
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: BF098719.D
Acq: 23 Sep 2017 1:59

Instrument :
BNA_F
ClientSampleId :
LT-TS-001MSD

Tot Ion:107 Resp: 142220
Ion Ratio Lower Upper
107 100
108 111.9 91.7 137.5
77 41.6 33.8 50.8
79 41.2 33.8 50.8

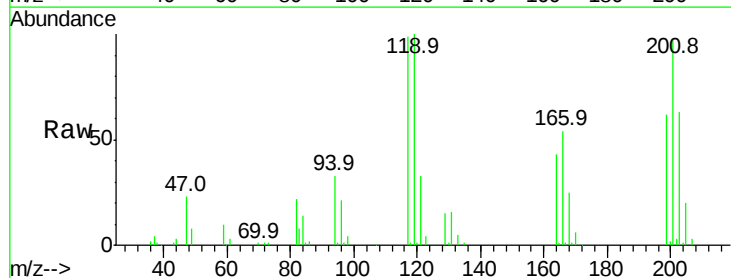


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

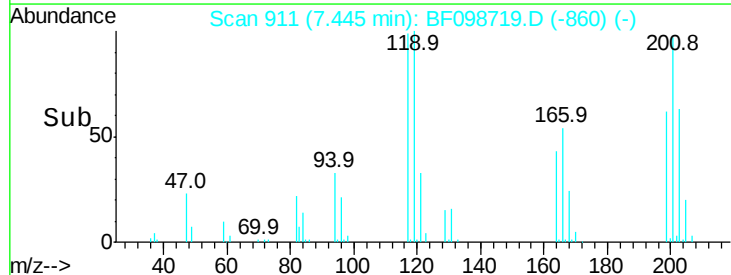
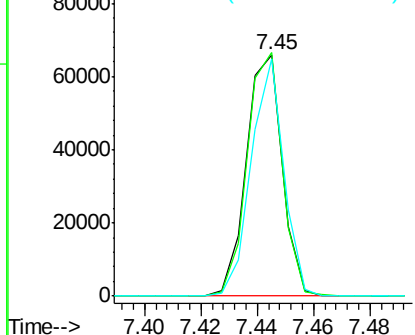


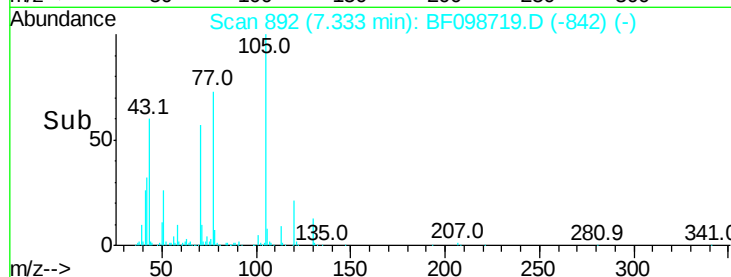
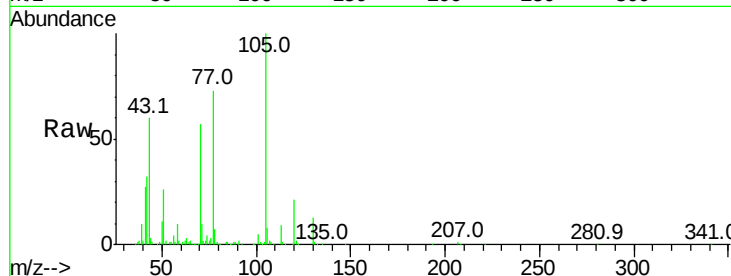
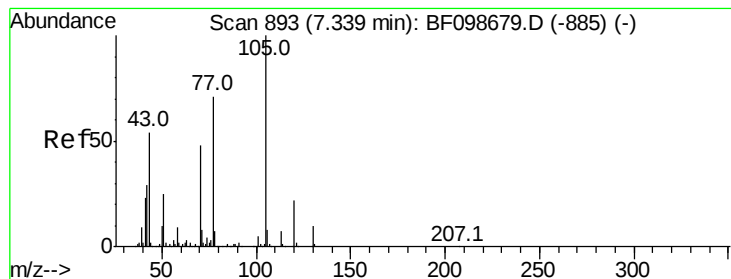
#18
Hexachloroethane
Concen: 13.509 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.00 min
Lab File: BF098719.D
Acq: 23 Sep 2017 1:59

Tgt Ion:117 Resp: 58183
Ion Ratio Lower Upper
117 100
119 100.9 75.8 113.8
201 98.0 75.7 113.5



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: 20.483 ng

RT: 7.33 min Scan# 892

Delta R.T. -0.01 min

Lab File: BF098719.D

Acq: 23 Sep 2017 1:59

Instrument :

BNA_F

ClientSampleId :

LT-TS-001MSD

Tot Ion: 70 Resp: 165532

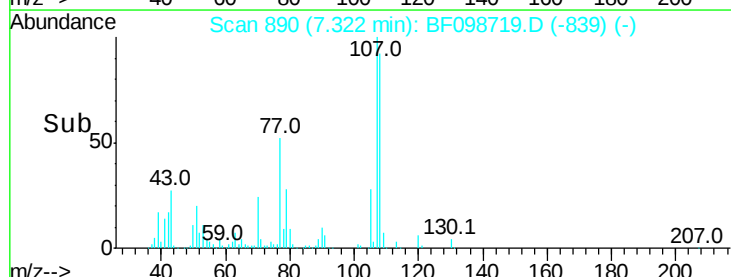
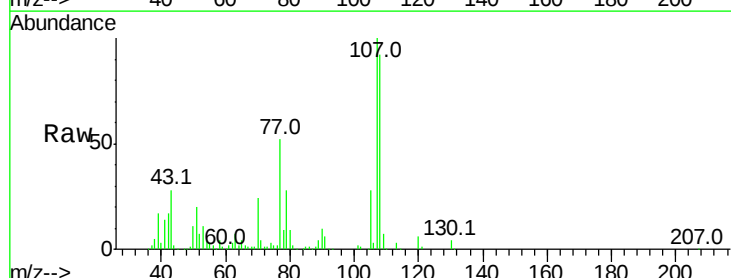
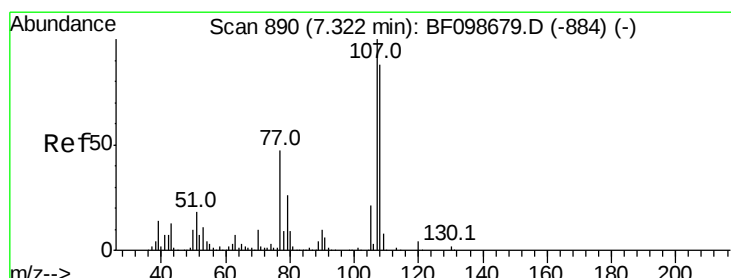
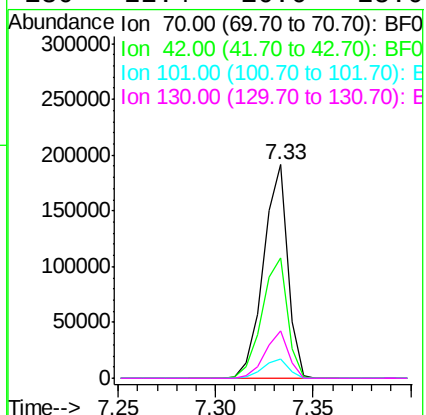
Ion Ratio Lower Upper

70 100

42 56.5 47.5 71.3

101 9.3 7.4 11.2

130 22.4 16.6 25.0



#20

3+4-Methylphenols

Concen: 16.695 ng

RT: 7.32 min Scan# 890

Delta R.T. -0.00 min

Lab File: BF098719.D

Acq: 23 Sep 2017 1:59

Tgt Ion: 107 Resp: 205256

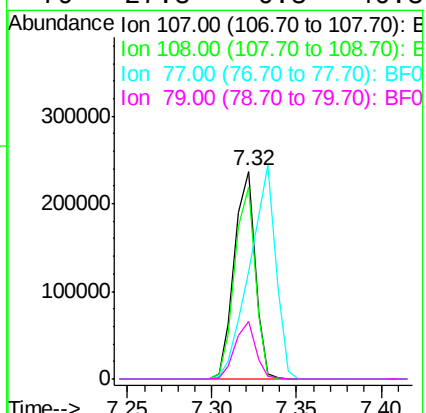
Ion Ratio Lower Upper

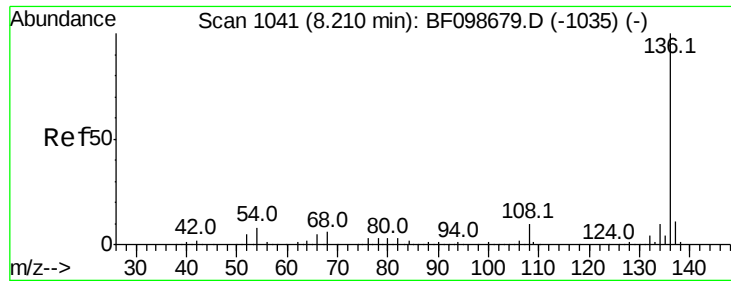
107 100

108 92.4 68.2 108.2

77 51.7 26.7 66.7

79 27.8 6.3 46.3

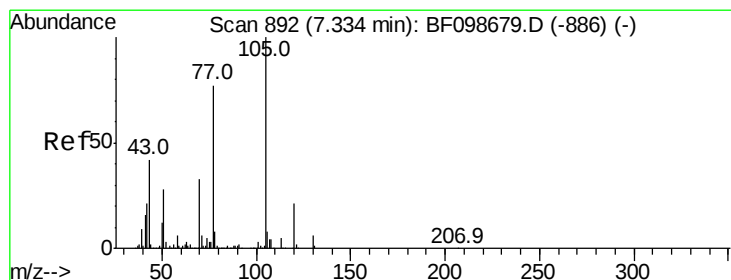
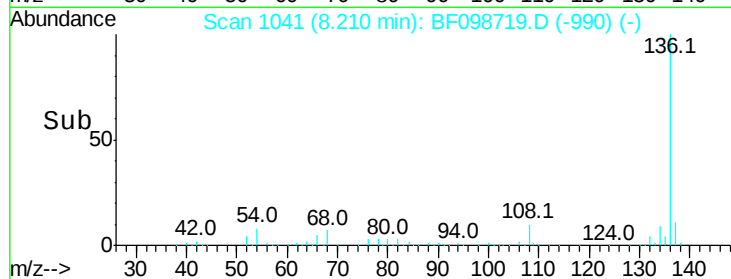
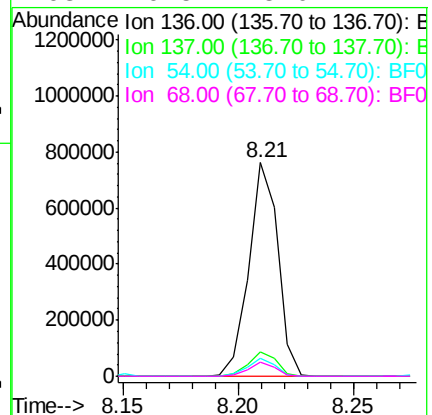
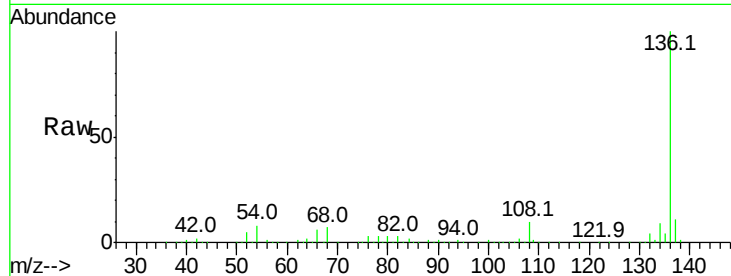




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BF098719.D
Acq: 23 Sep 2017 1:59

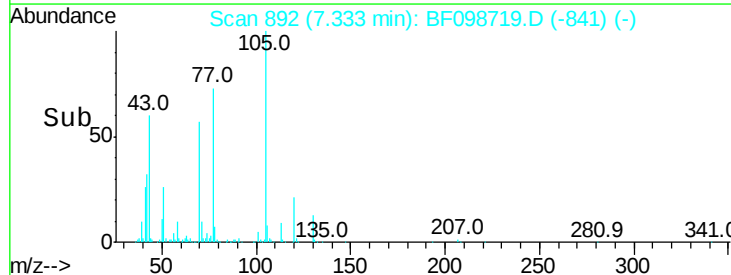
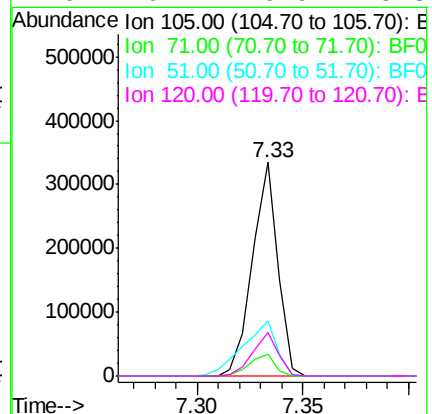
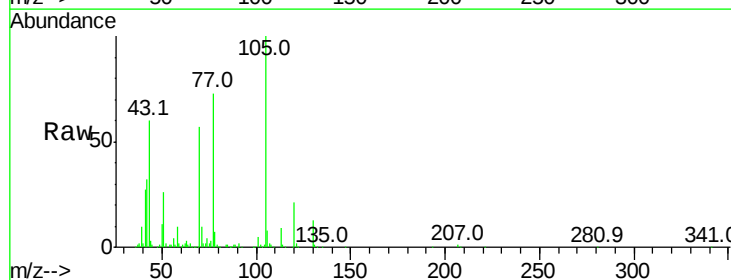
Instrument :
BNA_F
ClientSampleId :
LT-TS-001MSD

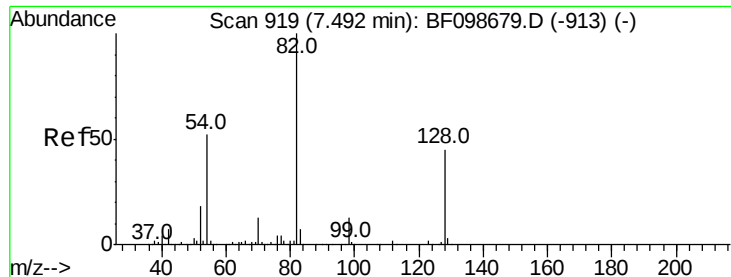
Tot Ion:136	Resp: 672066
Ion Ratio	Lower Upper
136 100	
137 11.3	8.9 13.3
54 8.3	6.6 9.8
68 6.5	5.0 7.4



#22
Acetophenone
Concen: 16.851 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.00 min
Lab File: BF098719.D
Acq: 23 Sep 2017 1:59

Tgt	Ion:105	Resp:	280150
Ion	Ratio	Lower	Upper
105	100		
71	10.0	4.4	6.6#
51	26.0	22.3	33.5
120	20.7	16.9	25.3

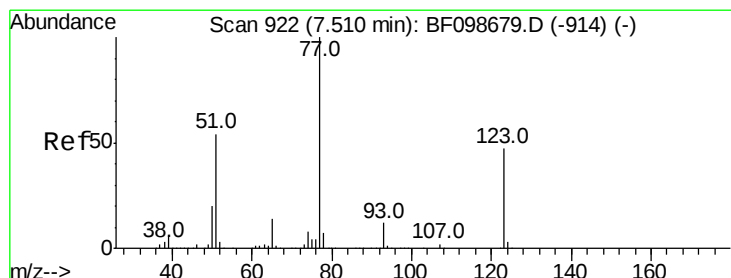
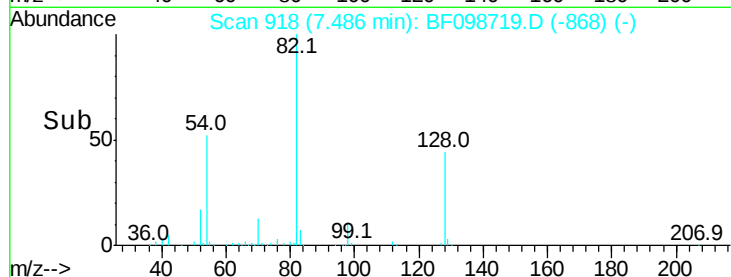
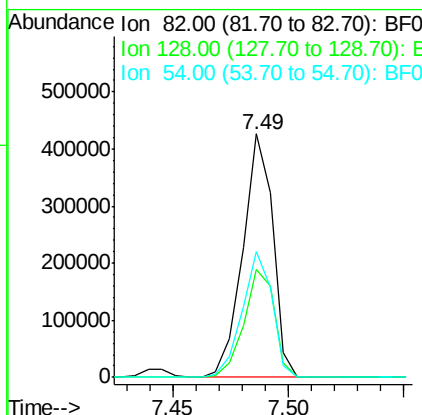
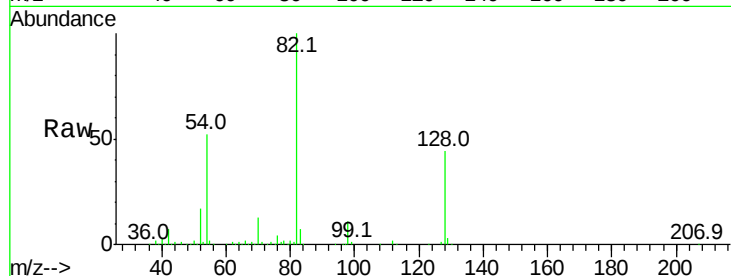




#23
Nitrobenzene-d5
Concen: 39.167 ng
RT: 7.49 min Scan# 918
Delta R.T. -0.01 min
Lab File: BF098719.D
Acq: 23 Sep 2017 1:59

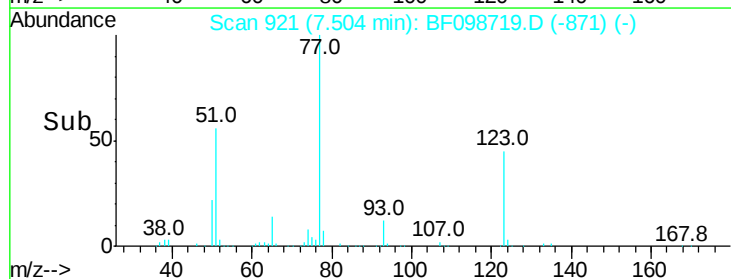
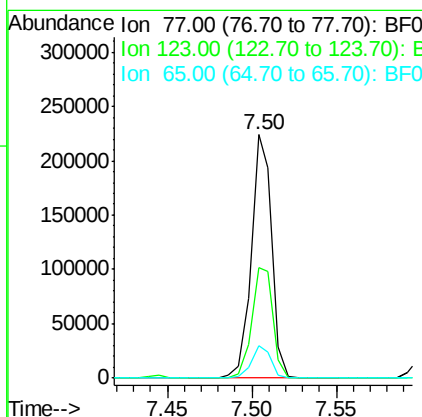
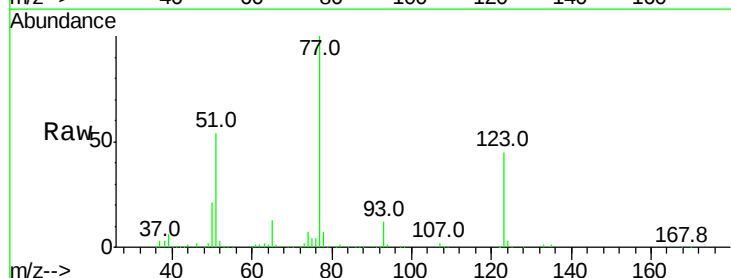
Instrument :
BNA_F
ClientSampleId :
LT-TS-001MSD

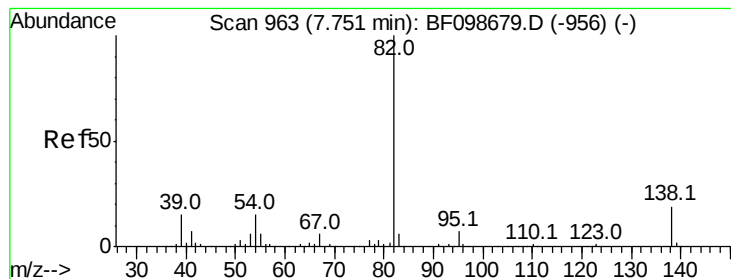
Tot Ion: 82 Resp: 388064
Ion Ratio Lower Upper
82 100
128 44.2 36.1 54.1
54 51.9 41.4 62.2



#24
Nitrobenzene
Concen: 16.543 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF098719.D
Acq: 23 Sep 2017 1:59

Tgt Ion: 77 Resp: 189304
Ion Ratio Lower Upper
77 100
123 45.4 37.9 56.9
65 13.2 11.0 16.4





#25

Isophorone

Concen: 21.081 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF098719.D

Acq: 23 Sep 2017 1:59

Instrument :

BNA_F

ClientSampleId :

LT-TS-001MSD

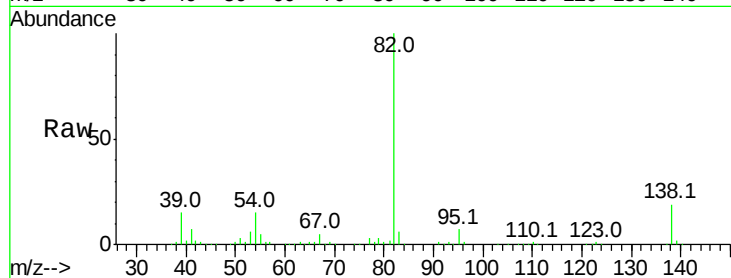
Tot Ion: 82 Resp: 455519

Ion Ratio Lower Upper

82 100

95 6.6 5.2 7.8

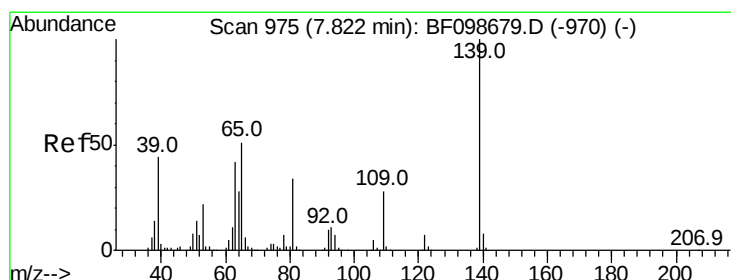
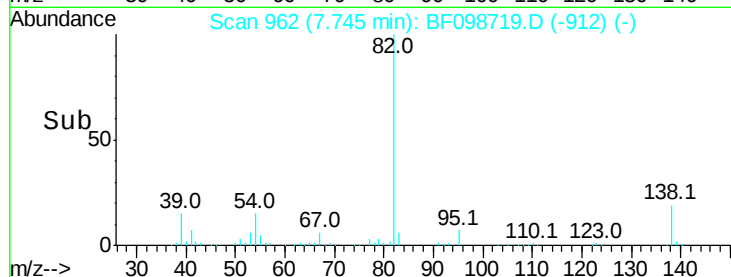
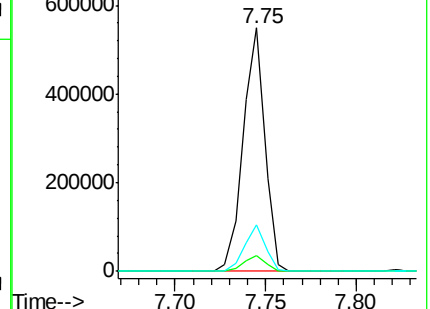
138 19.1 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 21.133 ng

RT: 7.82 min Scan# 975

Delta R.T. 0.00 min

Lab File: BF098719.D

Acq: 23 Sep 2017 1:59

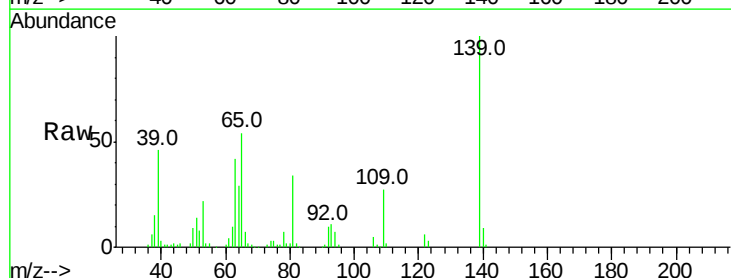
Tgt Ion: 139 Resp: 88571

Ion Ratio Lower Upper

139 100

109 27.2 22.7 34.1

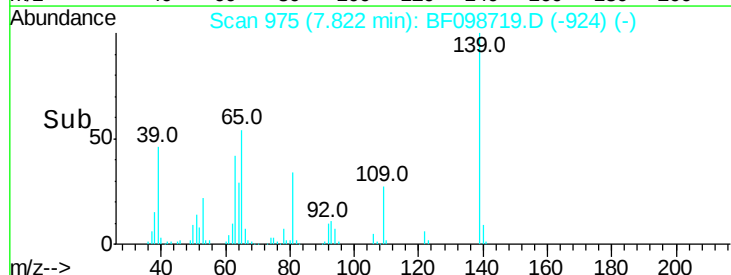
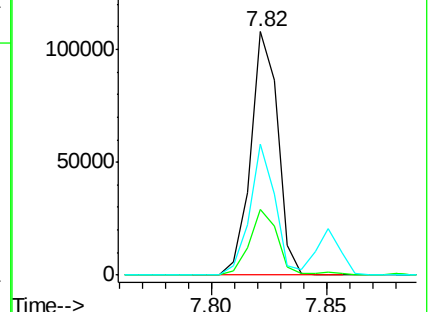
65 53.7 40.5 60.7

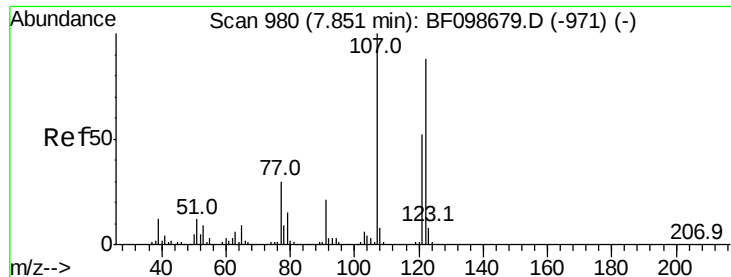


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

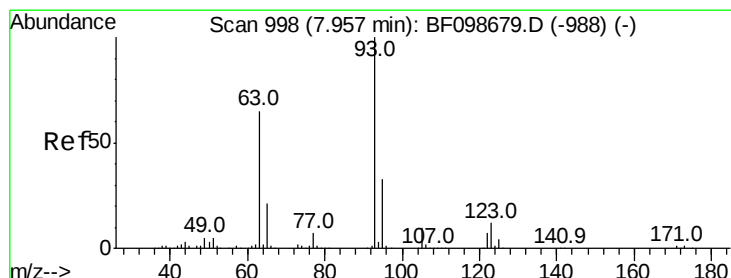
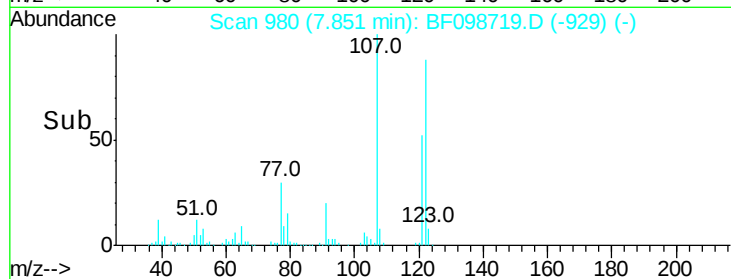
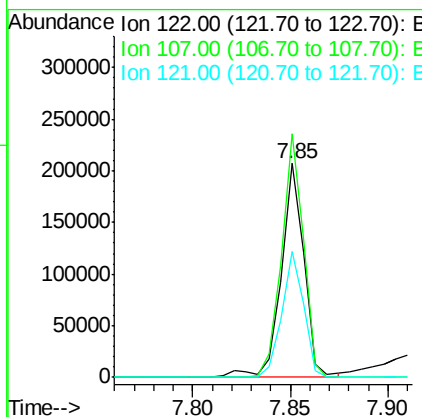
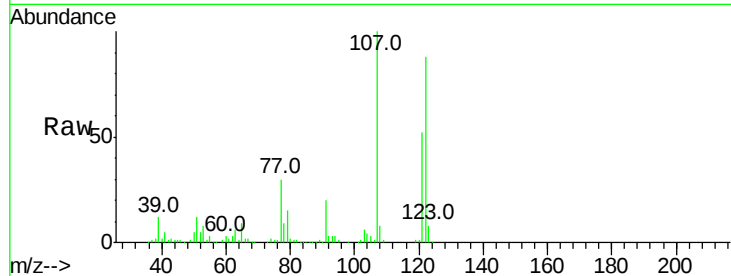




#27
2,4-Dimethylphenol
Concen: 15.788 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.00 min
Lab File: BF098719.D
Acq: 23 Sep 2017 1:59

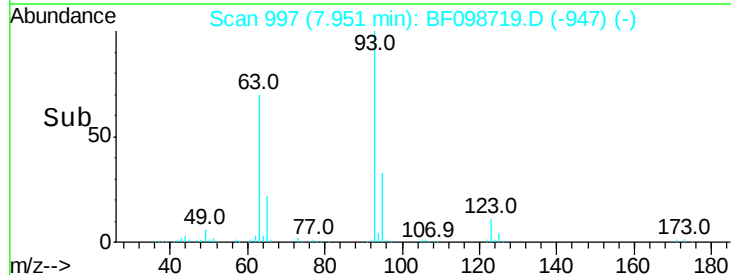
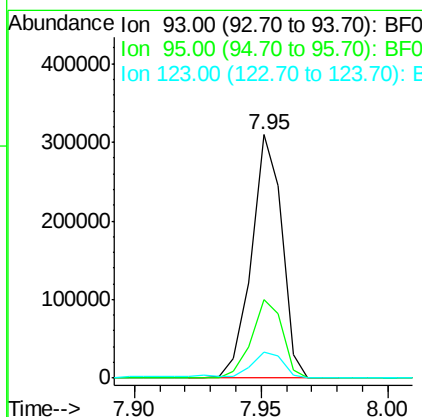
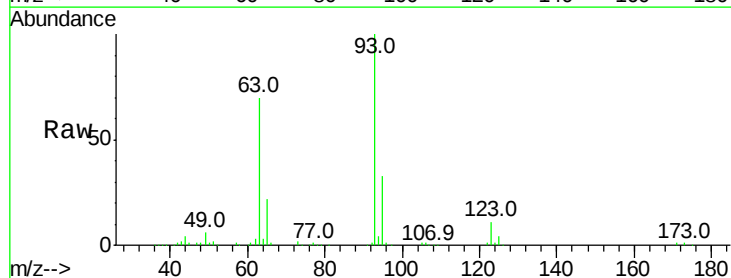
Instrument :
BNA_F
ClientSampleId :
LT-TS-001MSD

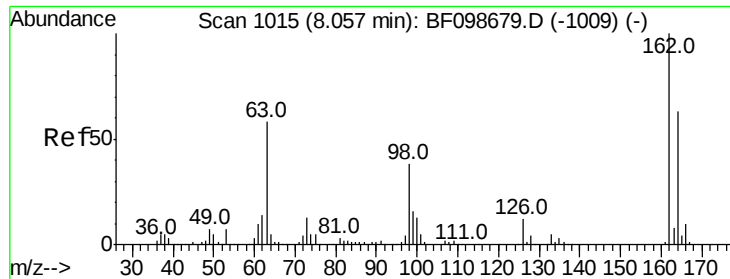
Tot Ion	Ratio	Lower	Upper
122	100		
107	113.7	91.2	136.8
121	58.6	47.2	70.8



#28
bis(2-Chloroethoxy)methane
Concen: 19.279 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.01 min
Lab File: BF098719.D
Acq: 23 Sep 2017 1:59

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.3	39.5
123	10.8	9.8	14.6

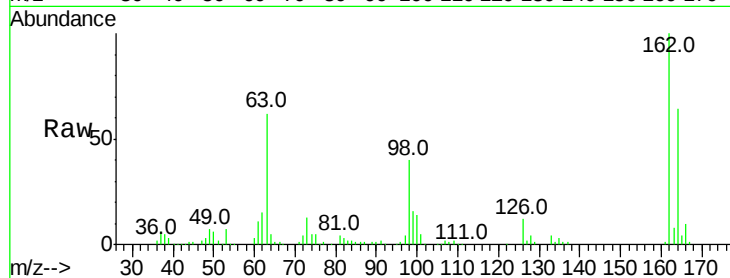




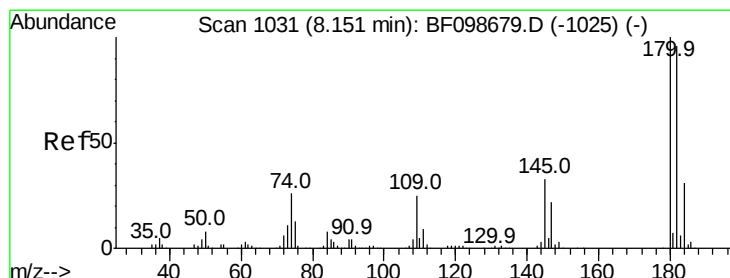
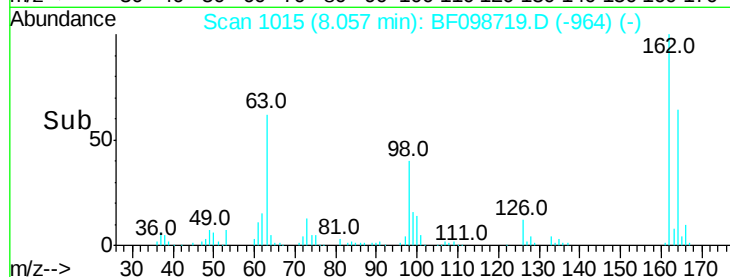
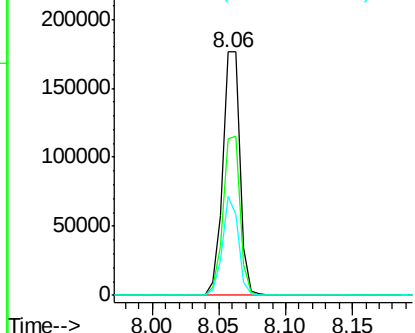
#29
 2,4-Dichlorophenol
 Concen: 17.864 ng
 RT: 8.06 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: BF098719.D
 Acq: 23 Sep 2017 1:59

Instrument :
 BNA_F
 ClientSampleId :
 LT-TS-001MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.5	42.7	82.7
98	40.4	18.1	58.1

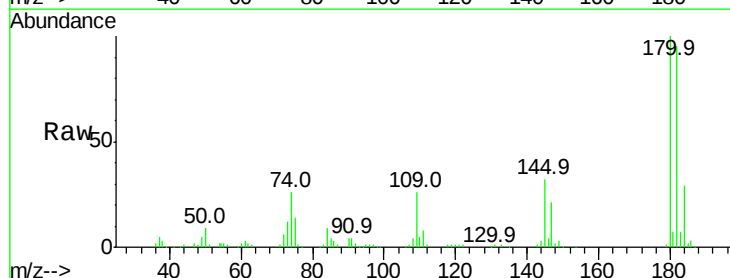


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BFO

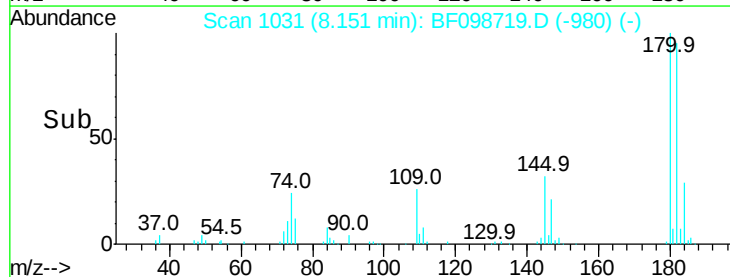
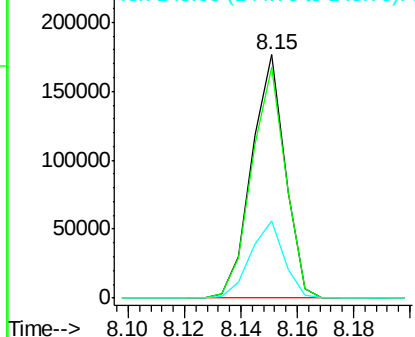


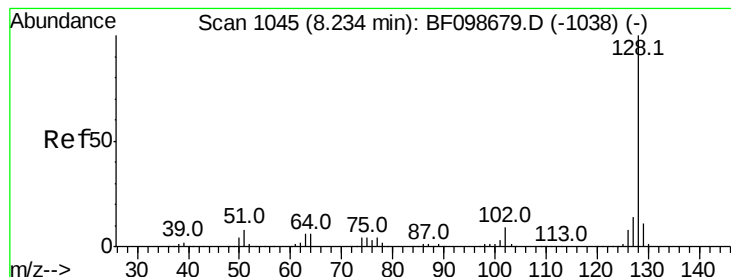
#30
 1,2,4-Trichlorobenzene
 Concen: 15.781 ng
 RT: 8.15 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: BF098719.D
 Acq: 23 Sep 2017 1:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	76.8	115.2
145	31.8	26.5	39.7



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: 16.588 ng

RT: 8.23 min Scan# 1045

Delta R.T. -0.00 min

Lab File: BF098719.D

Acq: 23 Sep 2017 1:59

Instrument :

BNA_F

ClientSampleId :

LT-TS-001MSD

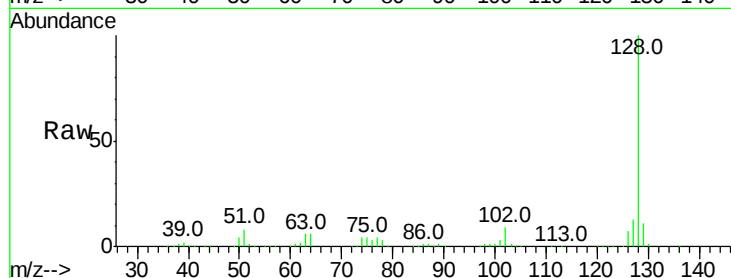
Tot Ion:128 Resp: 529109

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

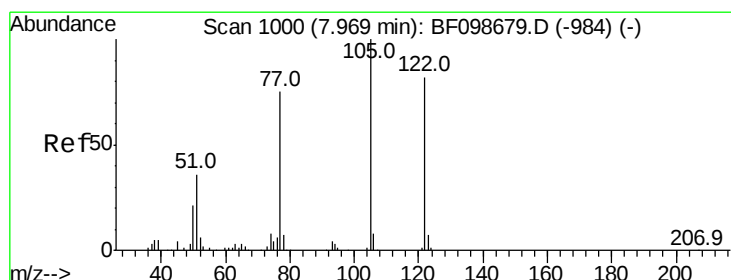
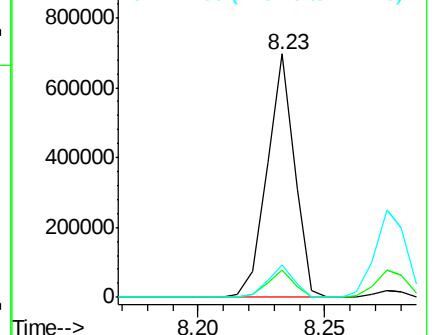
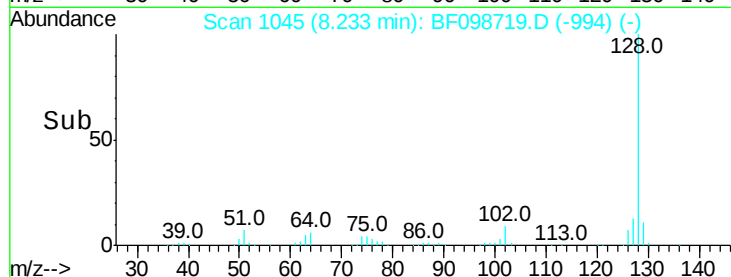
127 13.4 10.9 16.3



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: 15.620 ng

RT: 7.93 min Scan# 993

Delta R.T. -0.04 min

Lab File: BF098719.D

Acq: 23 Sep 2017 1:59

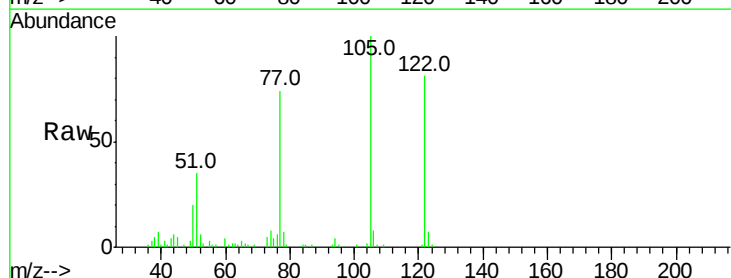
Tgt Ion:122 Resp: 73964

Ion Ratio Lower Upper

122 100

105 122.7 101.1 141.1

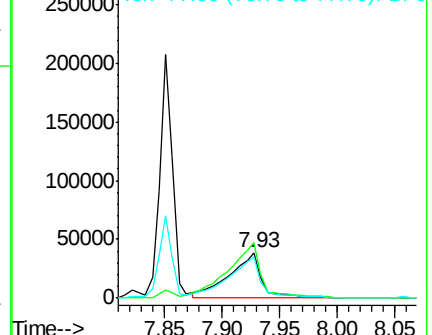
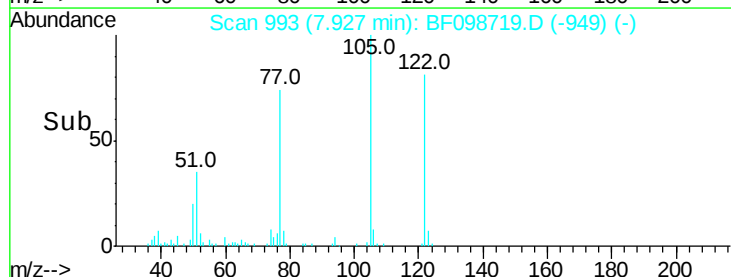
77 91.0 70.7 110.7

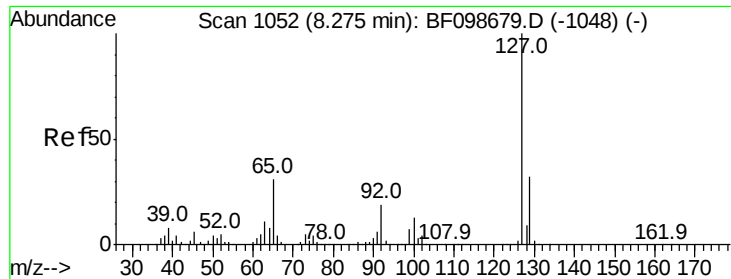


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

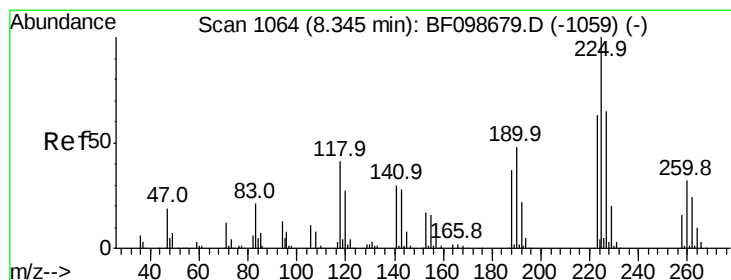
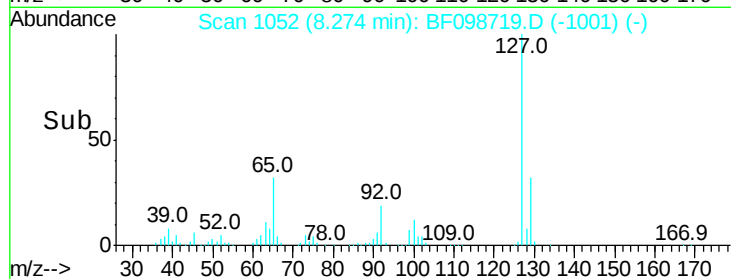
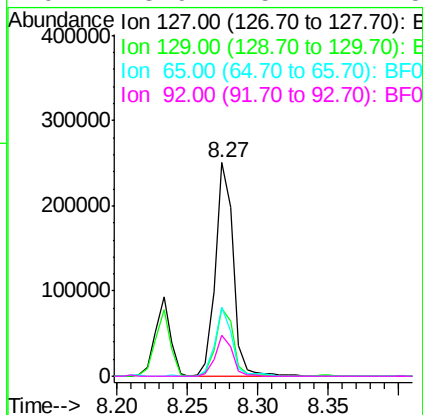
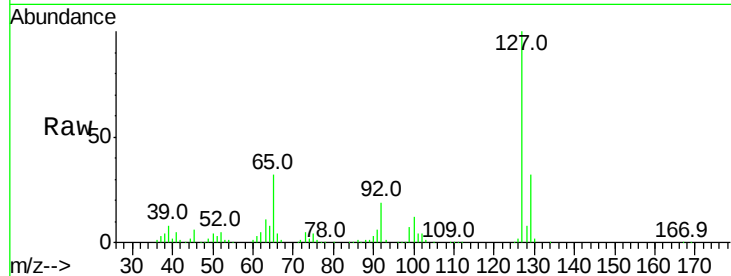




#33
4-Chloroaniline
Concen: 16.581 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.00 min
Lab File: BF098719.D
Acq: 23 Sep 2017 1:59

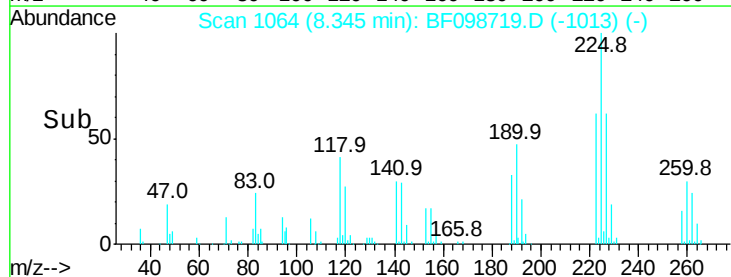
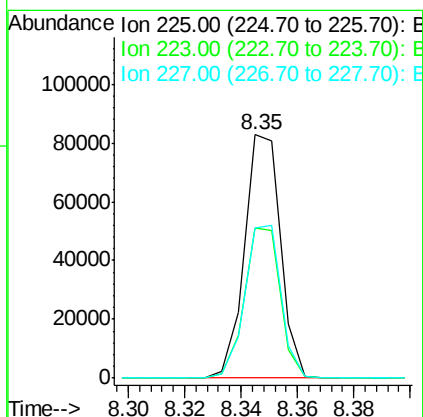
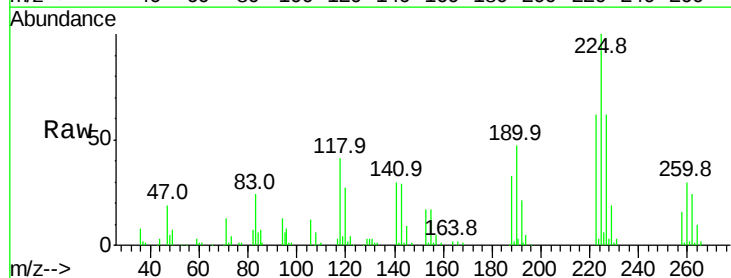
Instrument :
BNA_F
ClientSampleId :
LT-TS-001MSD

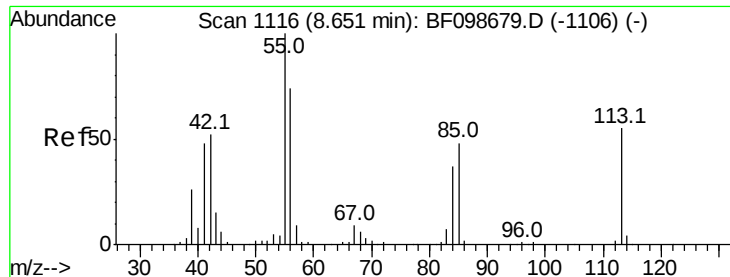
Tot Ion:	127	Resp:	219890
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.9	38.9
65	32.2	25.0	37.4
92	18.9	15.2	22.8



#34
Hexachlorobutadiene
Concen: 14.786 ng
RT: 8.35 min Scan# 1064
Delta R.T. -0.00 min
Lab File: BF098719.D
Acq: 23 Sep 2017 1:59

Tgt Ion:	225	Resp:	73344
Ion	Ratio	Lower	Upper
225	100		
223	61.9	50.6	76.0
227	61.8	51.9	77.9

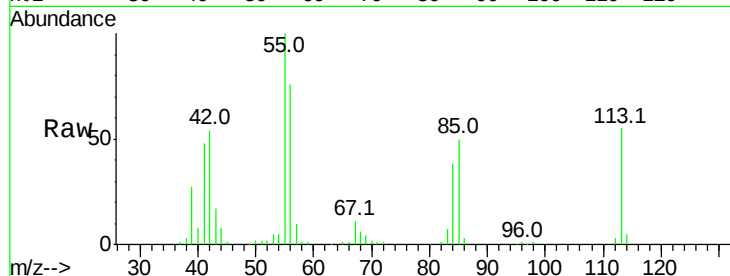




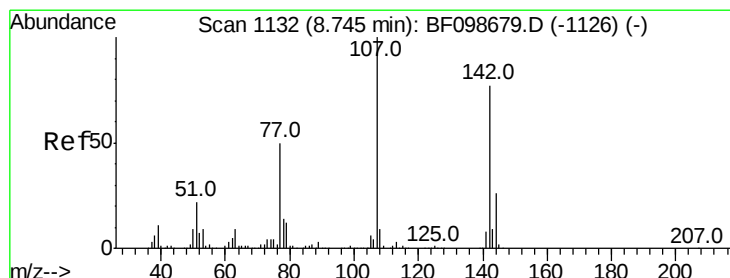
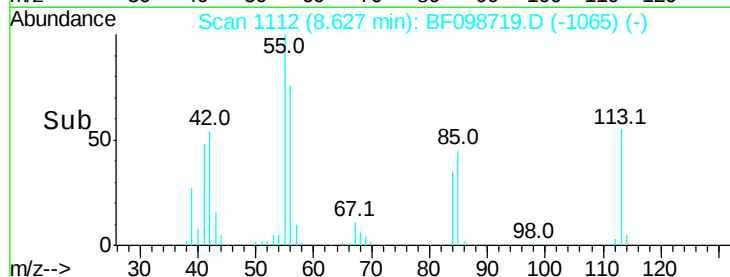
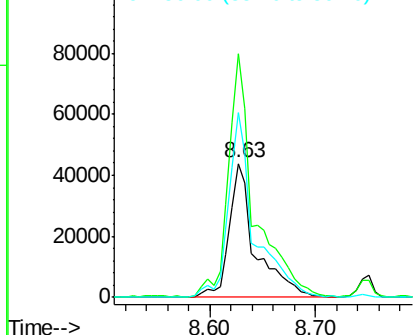
#35
Caprolactam
Concen: 26.401 ng
RT: 8.63 min Scan# 1112
Delta R.T. -0.02 min
Lab File: BF098719.D
Acq: 23 Sep 2017 1:59

Instrument :
BNA_F
ClientSampleId :
LT-TS-001MSD

Tot Ion:113 Resp: 75150
Ion Ratio Lower Upper
113 100
55 182.0 163.3 203.3
56 138.4 115.7 155.7

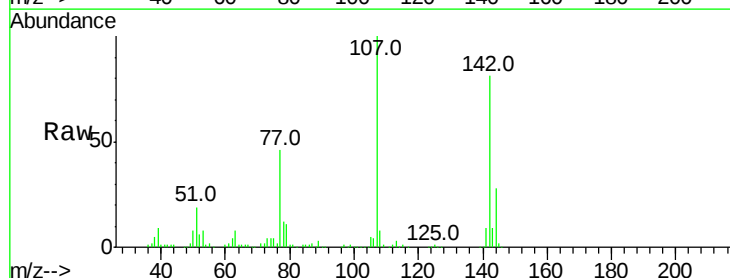


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

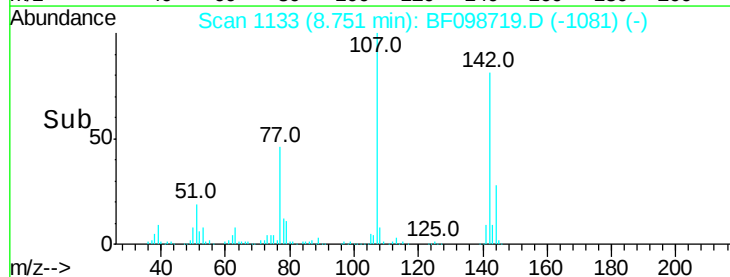
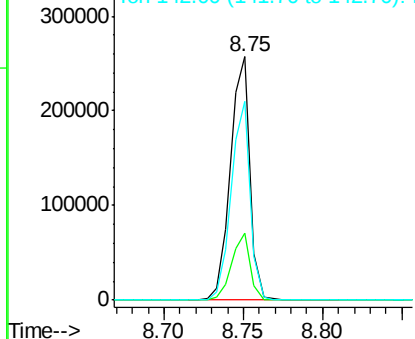


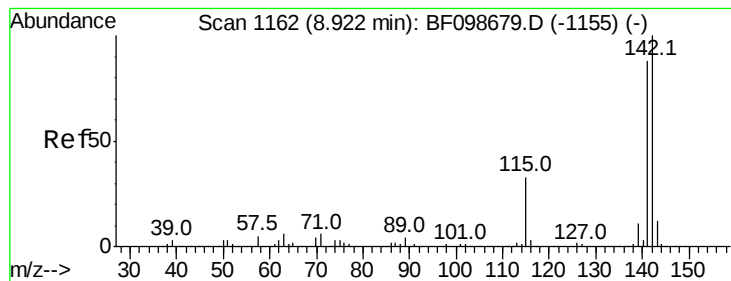
#36
4-Chloro-3-methylphenol
Concen: 21.115 ng
RT: 8.75 min Scan# 1133
Delta R.T. 0.01 min
Lab File: BF098719.D
Acq: 23 Sep 2017 1:59

Tgt Ion:107 Resp: 220017
Ion Ratio Lower Upper
107 100
144 27.5 20.5 30.7
142 81.5 62.0 93.0



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

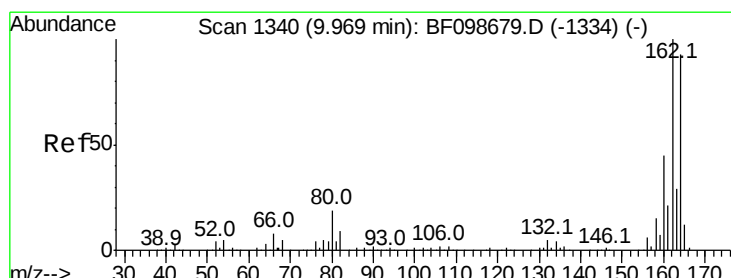
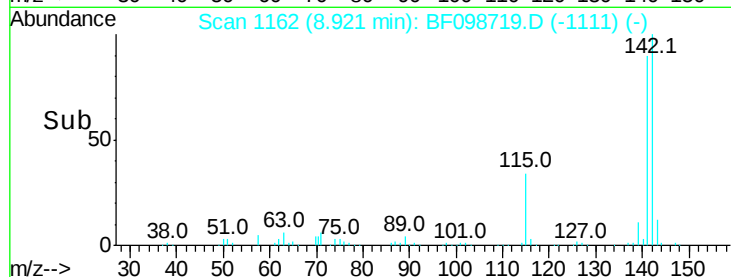
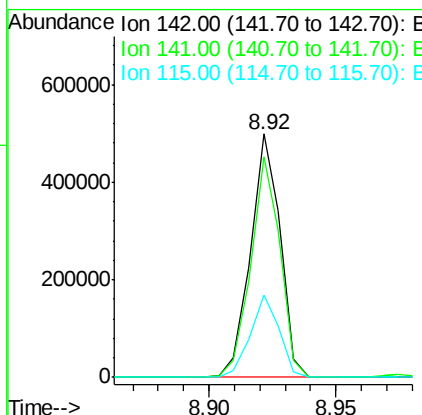
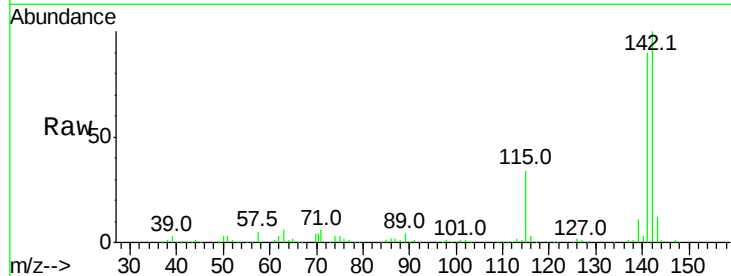




#37
 2-Methylnaphthalene
 Concen: 19.759 ng
 RT: 8.92 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: BF098719.D
 Acq: 23 Sep 2017 1:59

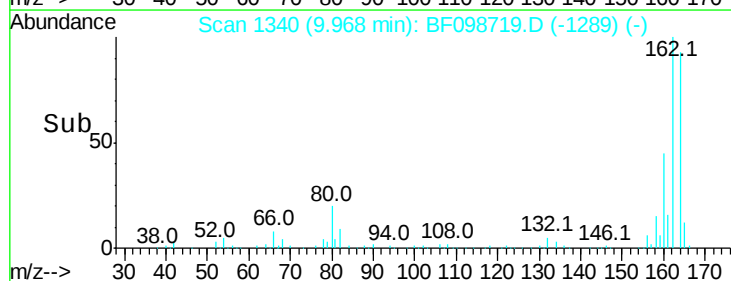
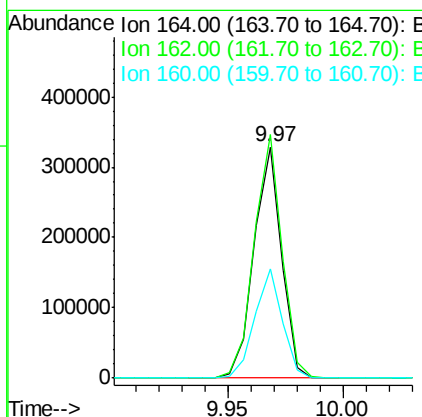
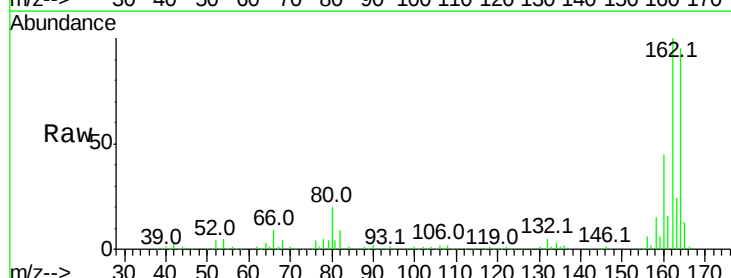
Instrument :
 BNA_F
 ClientSampleId :
 LT-TS-001MSD

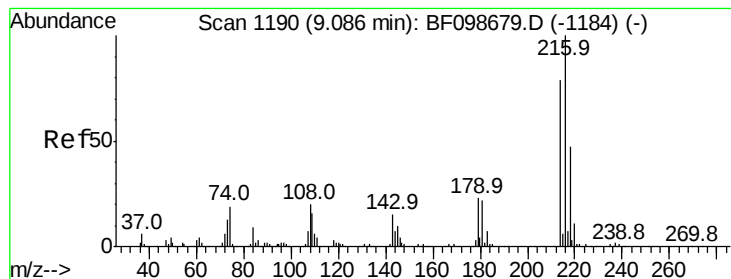
Tot Ion:142 Resp: 404688
 Ion Ratio Lower Upper
 142 100
 141 90.5 70.8 106.2
 115 33.8 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: BF098719.D
 Acq: 23 Sep 2017 1:59

Tgt Ion:164 Resp: 274318
 Ion Ratio Lower Upper
 164 100
 162 105.4 86.1 129.1
 160 47.2 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 18.540 ng

RT: 9.09 min Scan# 1190

Delta R.T. -0.00 min

Lab File: BF098719.D

Acq: 23 Sep 2017 1:59

Instrument :

BNA_F

ClientSampleId :

LT-TS-001MSD

Tot Ion:216 Resp: 150419

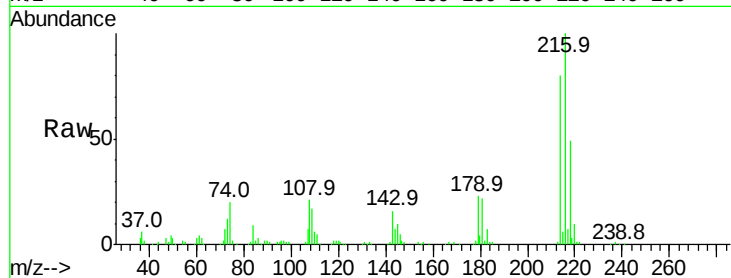
Ion Ratio Lower Upper

216 100

214 78.6 63.0 94.4

179 23.0 18.1 27.1

108 20.7 17.2 25.8

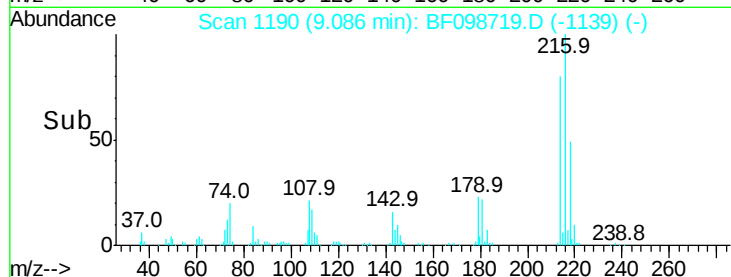


Abundance Ion 216.00 (215.70 to 216.70): E

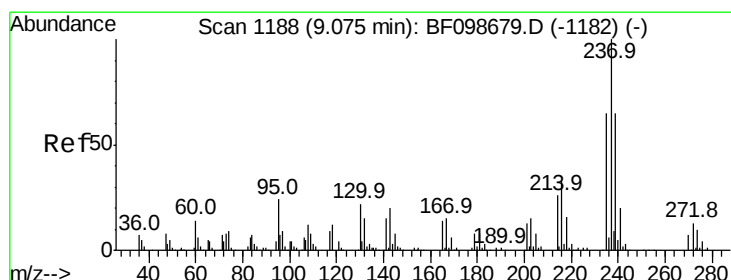
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 7.758 ng

RT: 9.07 min Scan# 1188

Delta R.T. -0.00 min

Lab File: BF098719.D

Acq: 23 Sep 2017 1:59

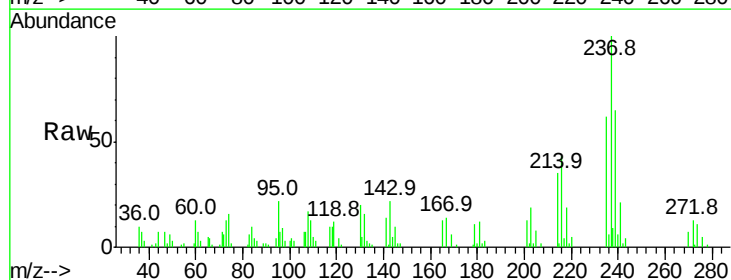
Tgt Ion:237 Resp: 27353

Ion Ratio Lower Upper

237 100

235 62.4 44.8 84.8

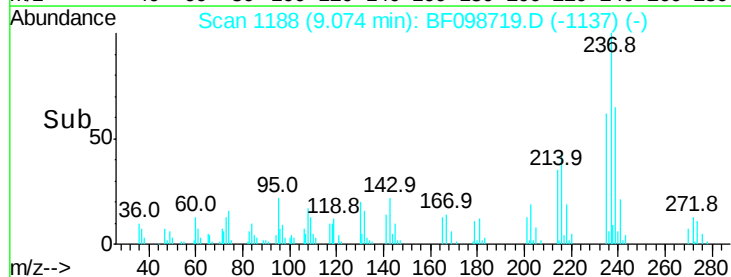
272 12.9 0.0 33.3



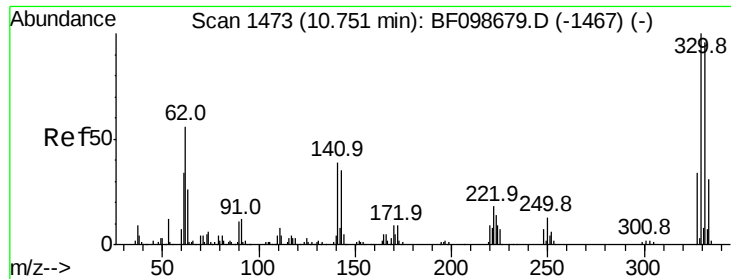
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



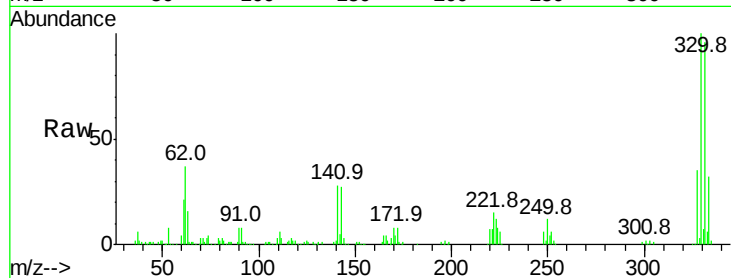
Time-->



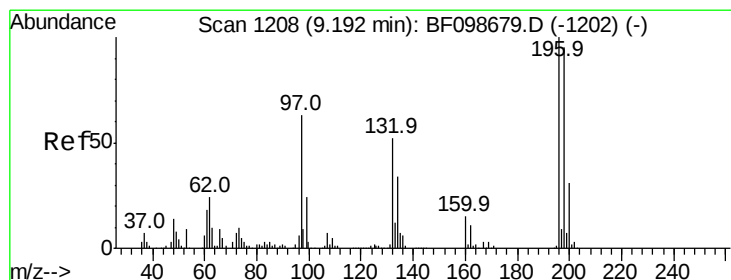
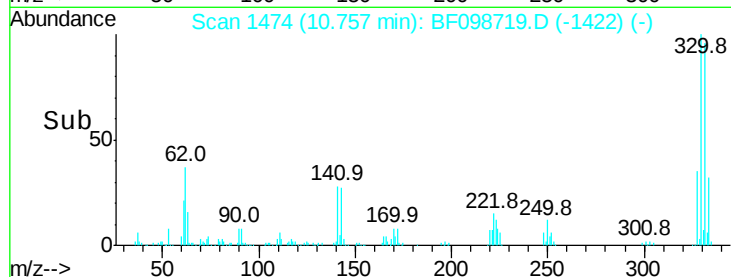
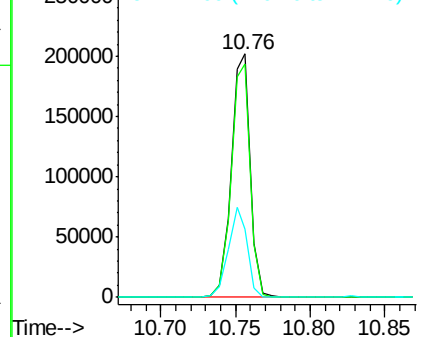
#41
 2,4,6-Tribromophenol
 Concen: 72.922 ng
 RT: 10.76 min Scan# 1474
 Delta R.T. 0.01 min
 Lab File: BF098719.D
 Acq: 23 Sep 2017 1:59

Instrument :
 BNA_F
 ClientSampleId :
 LT-TS-001MSD

Tot Ion:330 Resp: 182938
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.0 115.6
 141 36.7 29.9 44.9

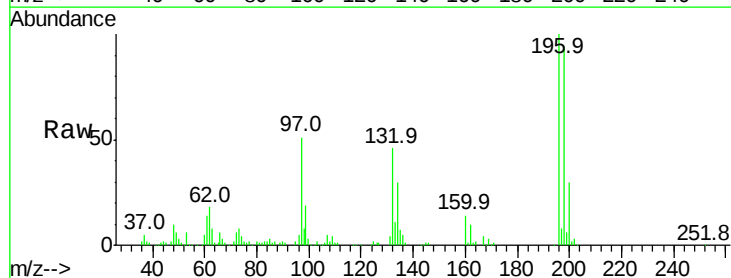


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

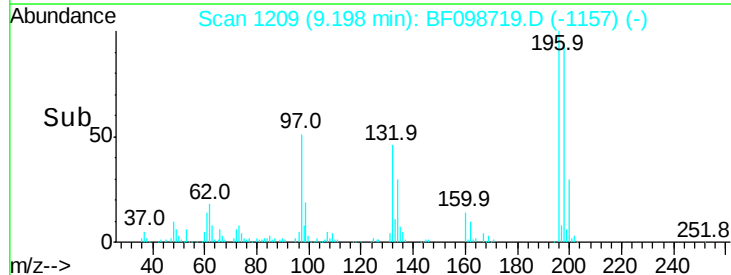
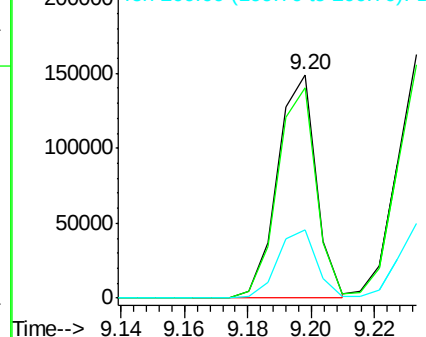


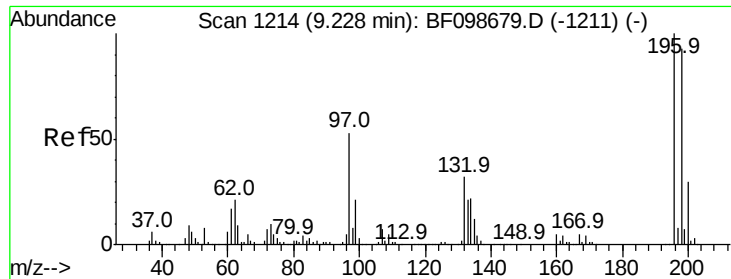
#42
 2,4,6-Trichlorophenol
 Concen: 23.204 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.01 min
 Lab File: BF098719.D
 Acq: 23 Sep 2017 1:59

Tgt Ion:196 Resp: 126869
 Ion Ratio Lower Upper
 196 100
 198 94.4 75.7 113.5
 200 30.4 24.5 36.7



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

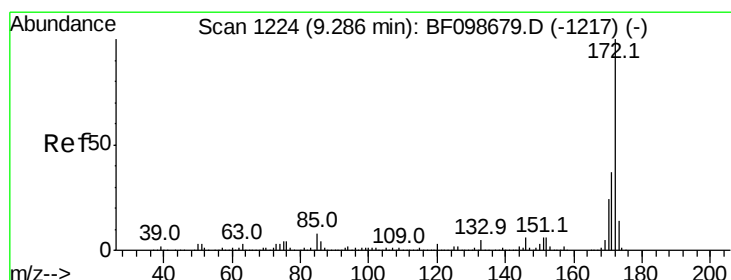
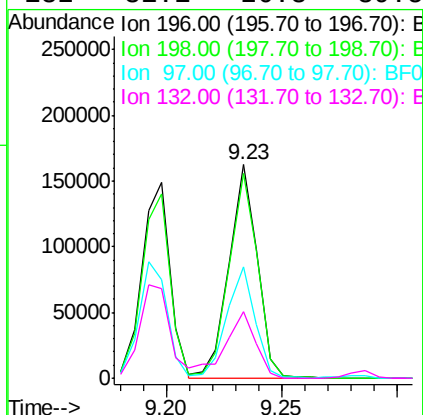
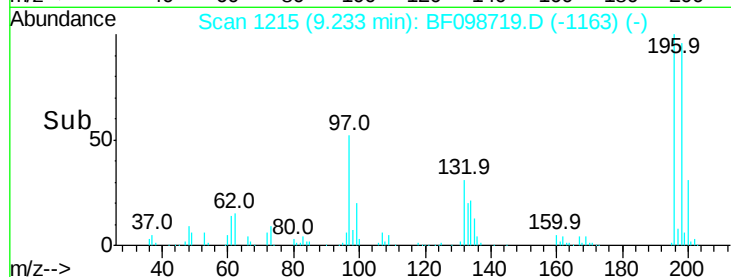
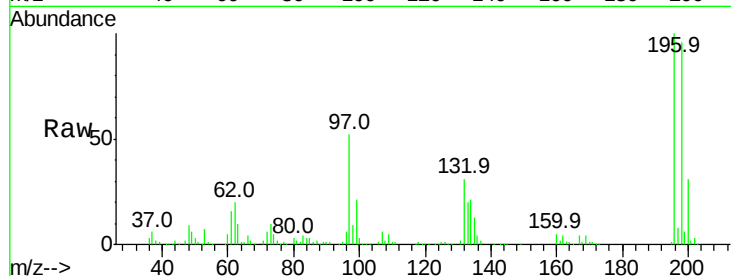




#43
 2,4,5-Trichlorophenol
 Concen: 24.811 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.01 min
 Lab File: BF098719.D
 Acq: 23 Sep 2017 1:59

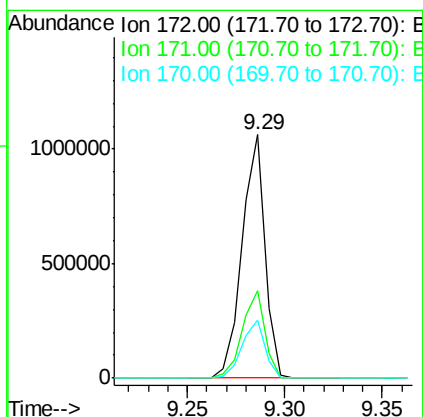
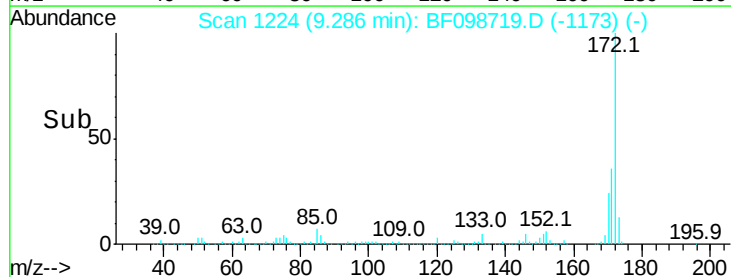
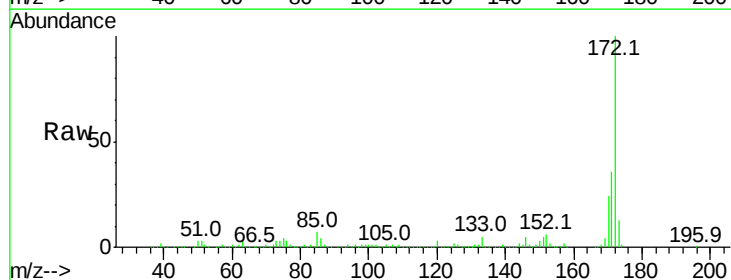
Instrument :
 BNA_F
 ClientSampleId :
 LT-TS-001MSD

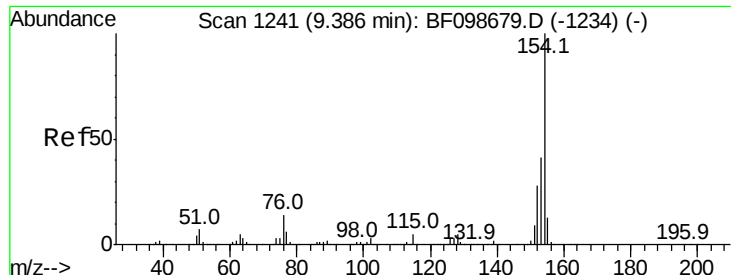
Tot Ion:196 Resp: 139099
 Ion Ratio Lower Upper
 196 100
 198 96.1 74.6 112.0
 97 52.0 42.9 64.3
 132 31.1 26.3 39.5



#44
 2-Fluorobiphenyl
 Concen: 50.040 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: BF098719.D
 Acq: 23 Sep 2017 1:59

Tgt Ion:172 Resp: 862638
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.7 44.5
 170 23.7 19.6 29.4

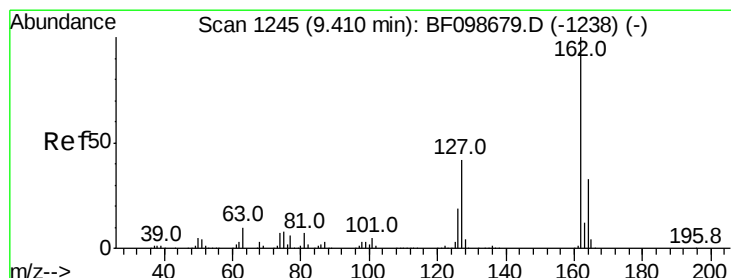
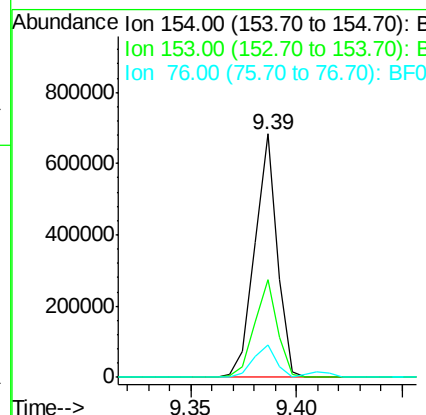
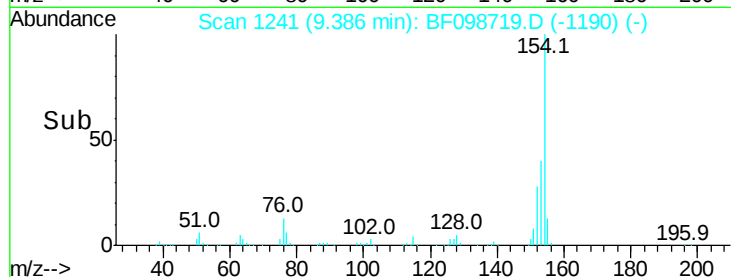
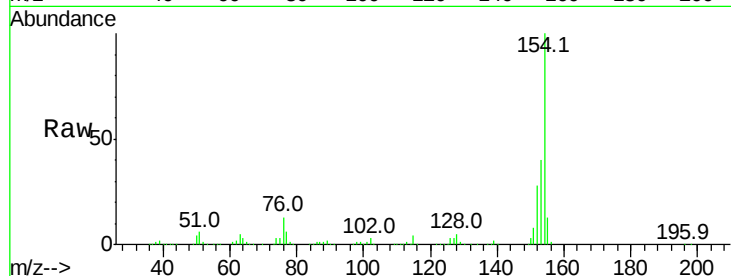




#45
 1,1'-Biphenyl
 Concen: 21.513 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. -0.00 min
 Lab File: BF098719.D
 Acq: 23 Sep 2017 1:59

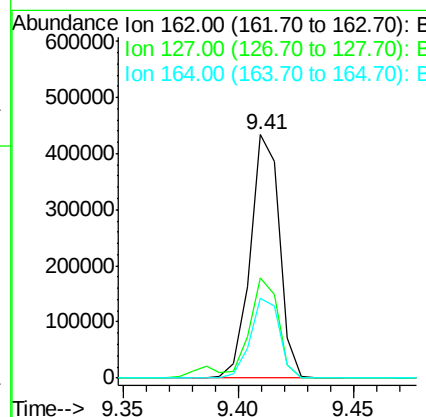
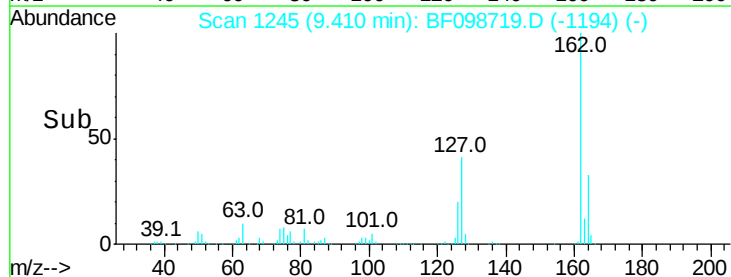
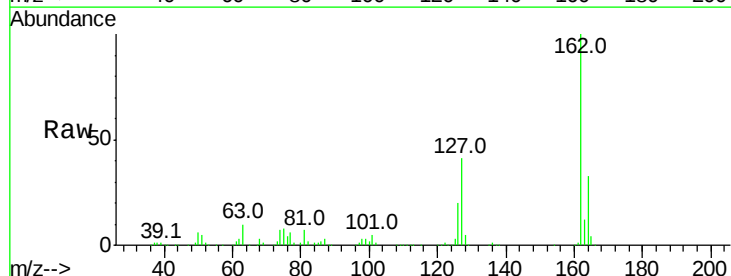
Instrument :
 BNA_F
 ClientSampleId :
 LT-TS-001MSD

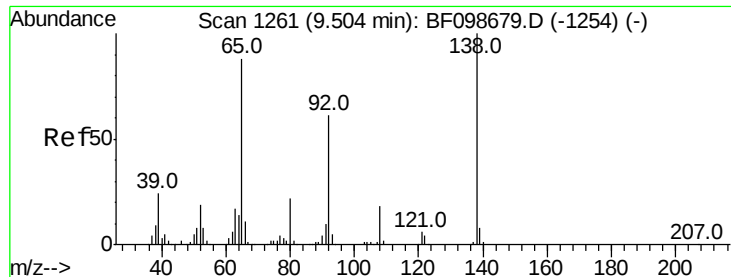
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.3	21.3	61.3
76	13.3	0.0	34.0



#46
 2-Chloronaphthalene
 Concen: 21.709 ng
 RT: 9.41 min Scan# 1245
 Delta R.T. -0.00 min
 Lab File: BF098719.D
 Acq: 23 Sep 2017 1:59

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.4	33.9	50.9
164	32.9	26.5	39.7





#47

2-Nitroaniline

Concen: 27.811 ng

RT: 9.50 min Scan# 1261

Delta R.T. -0.00 min

Lab File: BF098719.D

Acq: 23 Sep 2017 1:59

Instrument :

BNA_F

ClientSampleId :

LT-TS-001MSD

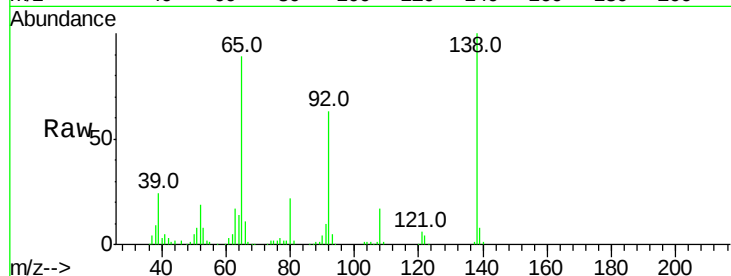
Tot Ion: 65 Resp: 137997

Ion Ratio Lower Upper

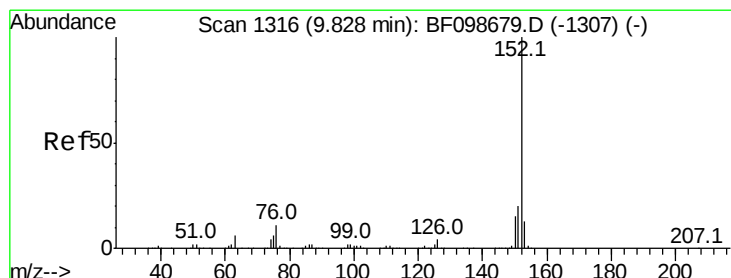
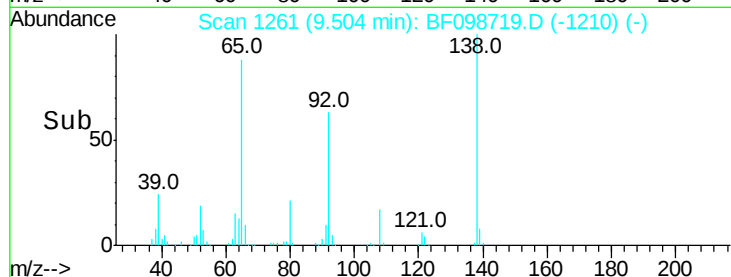
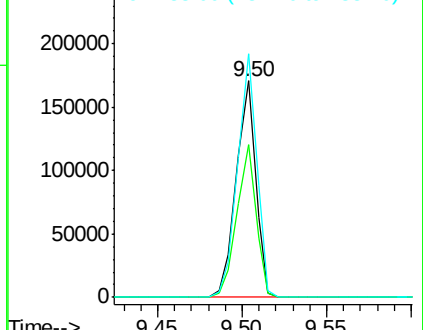
65 100

92 70.6 55.8 83.6

138 112.5 91.2 136.8



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 22.070 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.00 min

Lab File: BF098719.D

Acq: 23 Sep 2017 1:59

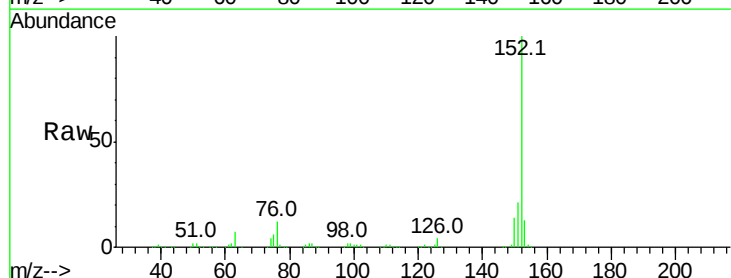
Tgt Ion:152 Resp: 599903

Ion Ratio Lower Upper

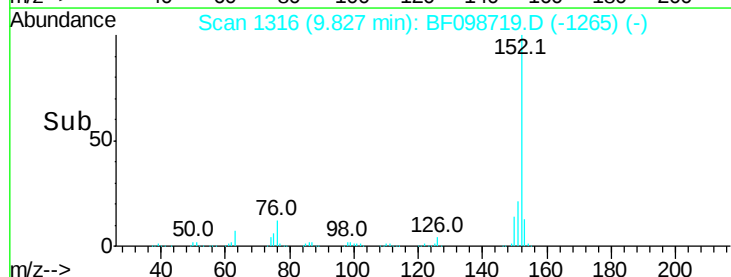
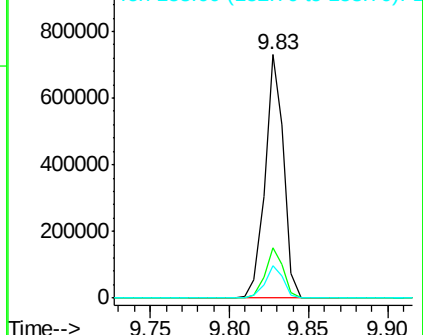
152 100

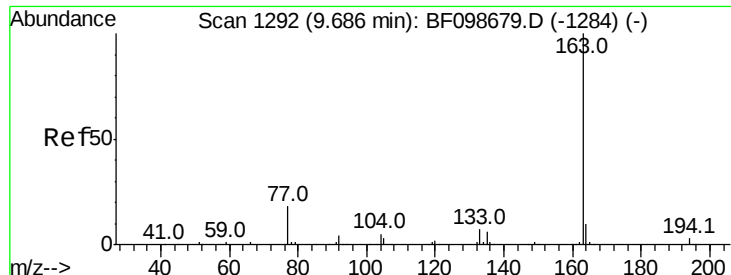
151 20.6 16.3 24.5

153 13.3 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

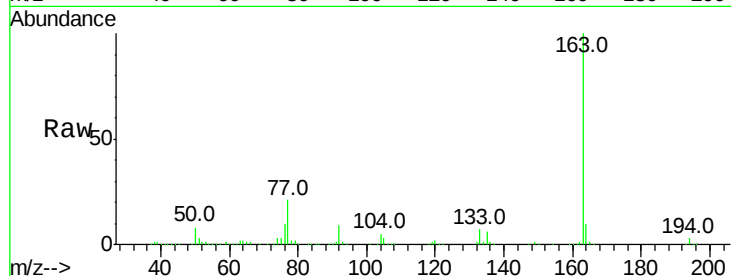




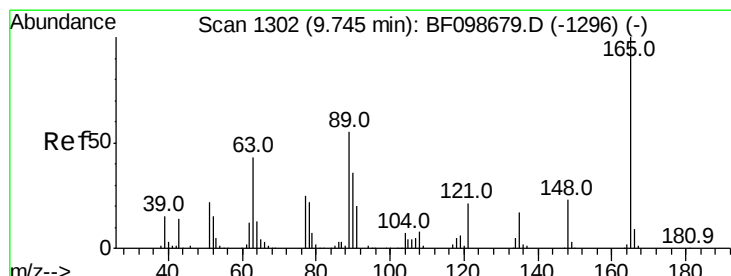
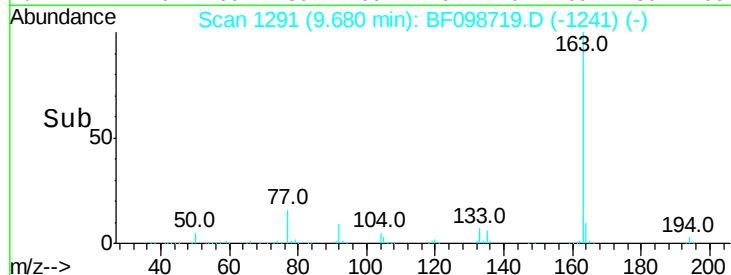
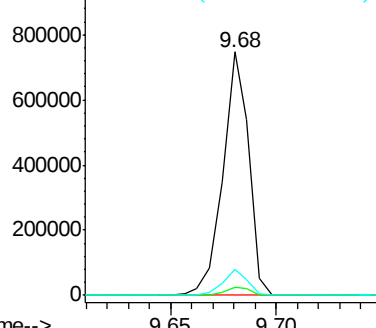
#49
 Dimethylphthalate
 Concen: 30.865 ng
 RT: 9.68 min Scan# 1291
 Delta R.T. -0.01 min
 Lab File: BF098719.D
 Acq: 23 Sep 2017 1:59

Instrument :
 BNA_F
 ClientSampleId :
 LT-TS-001MSD

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	10.5	8.2	12.2

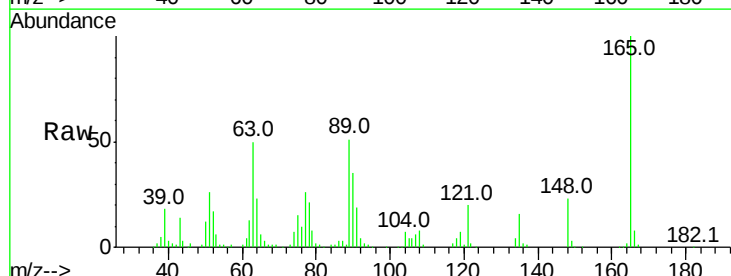


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

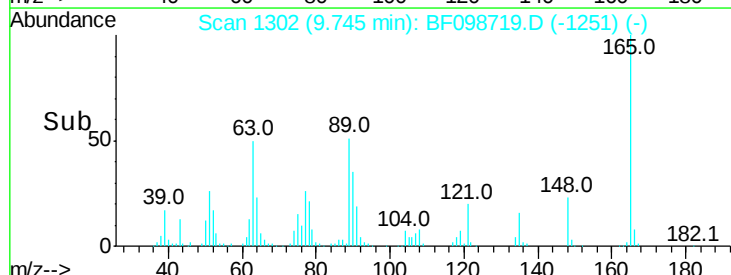
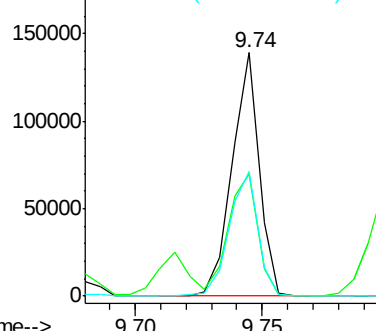


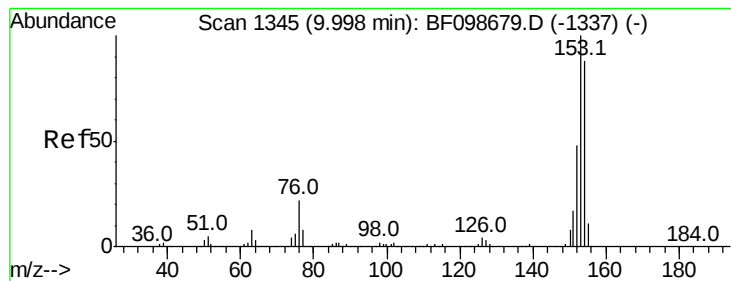
#50
 2,6-Dinitrotoluene
 Concen: 25.784 ng
 RT: 9.74 min Scan# 1302
 Delta R.T. -0.00 min
 Lab File: BF098719.D
 Acq: 23 Sep 2017 1:59

Tgt Ion	Ratio	Lower	Upper
165	100		
63	50.0	44.7	67.1
89	51.0	44.0	66.0



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: 21.401 ng

RT: 10.00 min Scan# 1345

Delta R.T. -0.00 min

Lab File: BF098719.D

Acq: 23 Sep 2017 1:59

Instrument :

BNA_F

ClientSampleId :

LT-TS-001MSD

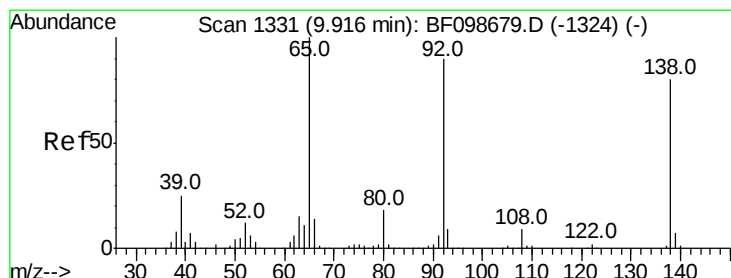
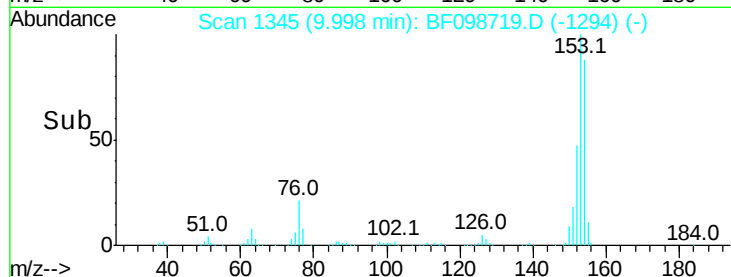
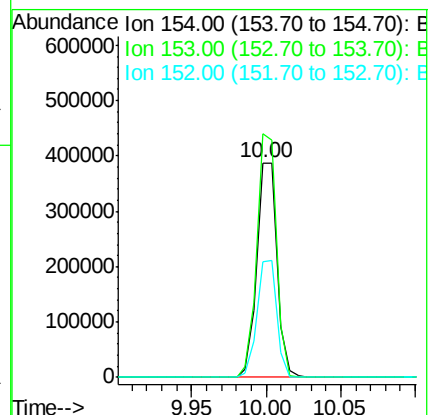
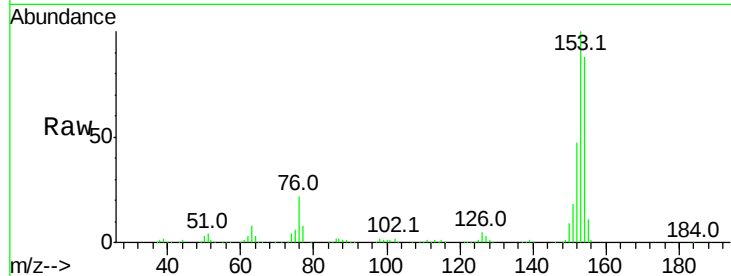
Tot Ion:154 Resp: 361069

Ion Ratio Lower Upper

154 100

153 113.3 91.2 136.8

152 53.7 43.8 65.8



#52

3-Nitroaniline

Concen: 23.904 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF098719.D

Acq: 23 Sep 2017 1:59

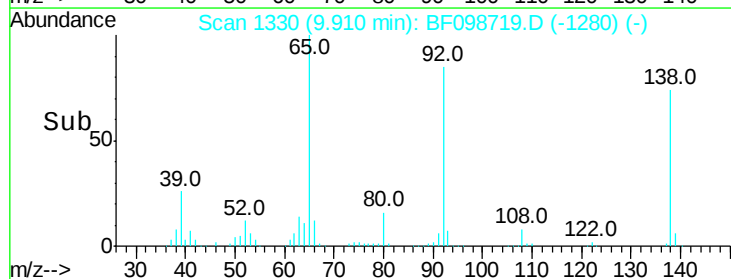
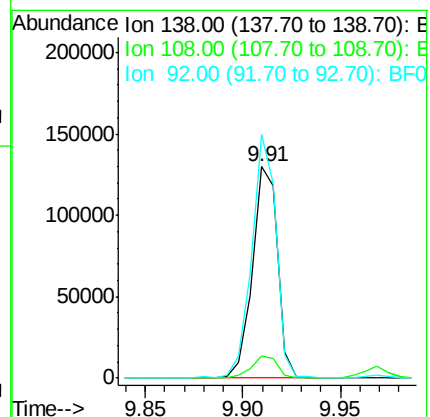
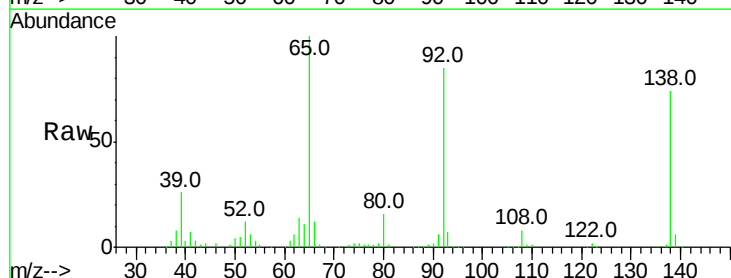
Tgt Ion:138 Resp: 115673

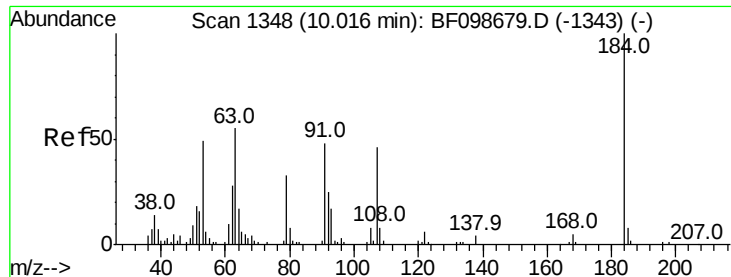
Ion Ratio Lower Upper

138 100

108 10.4 9.4 14.0

92 115.2 89.4 134.2

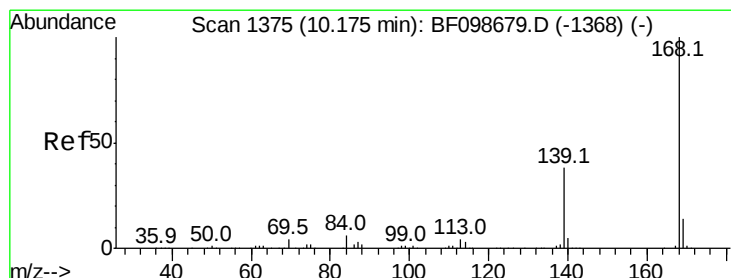
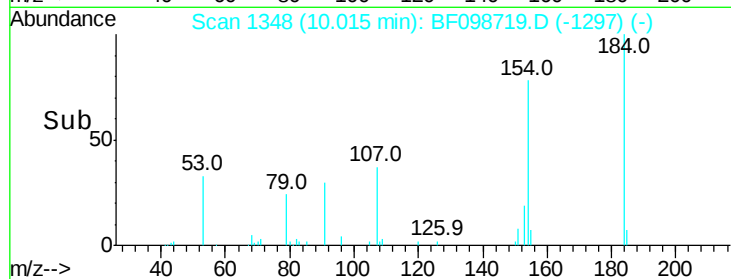
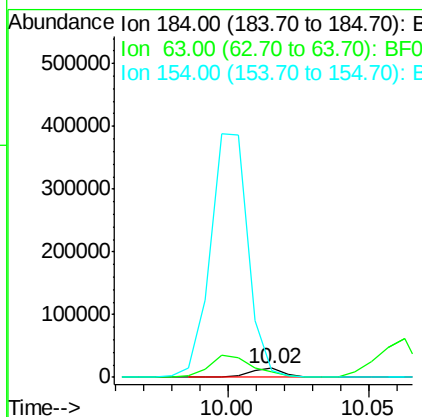
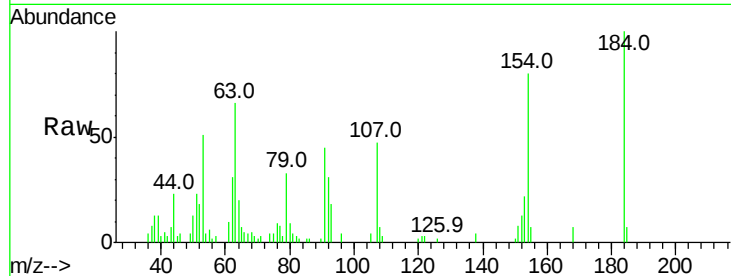




#53
 2,4-Dinitrophenol
 Concen: 15.020 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: BF098719.D
 Acq: 23 Sep 2017 1:59

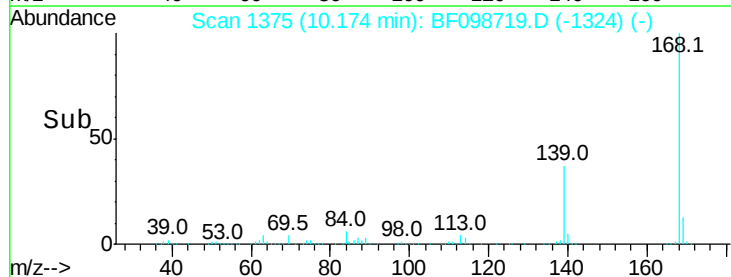
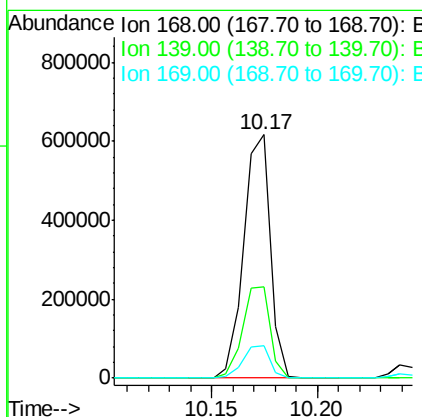
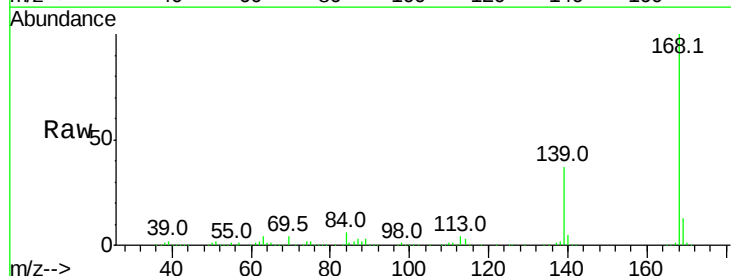
Instrument :
 BNA_F
 ClientSampleId :
 LT-TS-001MSD

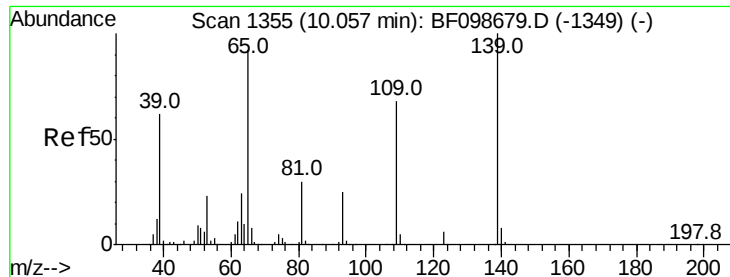
Tot Ion	Ratio	Lower	Upper
184	100		
63	66.2	54.2	81.2
154	80.0	53.5	80.3



#54
 Dibenzofuran
 Concen: 23.382 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. -0.00 min
 Lab File: BF098719.D
 Acq: 23 Sep 2017 1:59

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.3	30.1	45.1
169	13.3	10.9	16.3

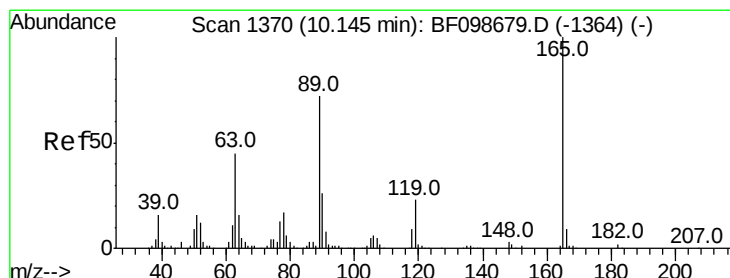
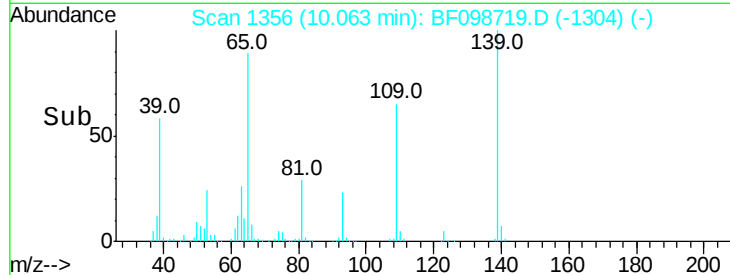
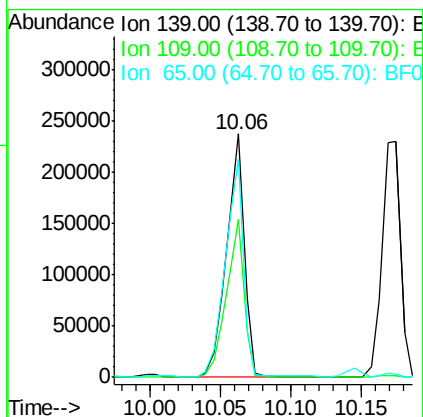
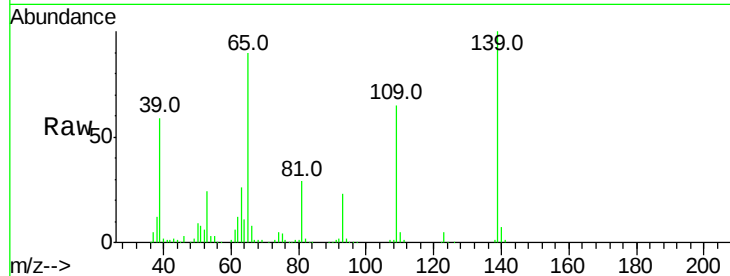




#55
4-Nitrophenol
Concen: 50.093 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF098719.D
Acq: 23 Sep 2017 1:59

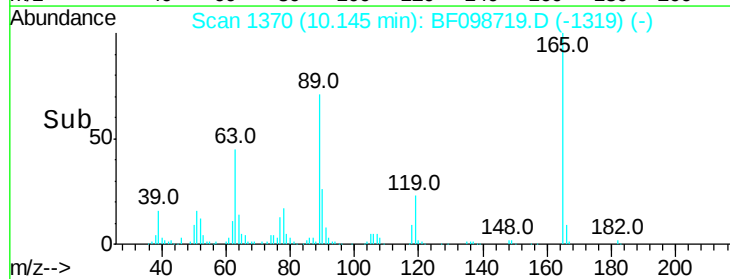
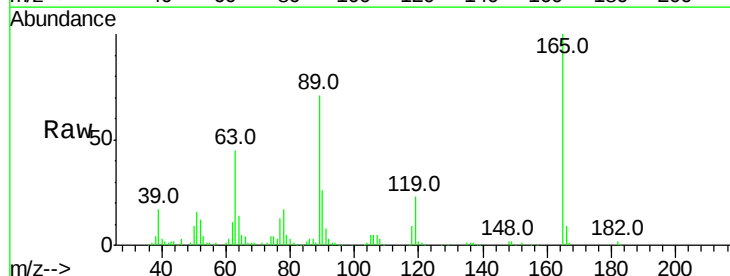
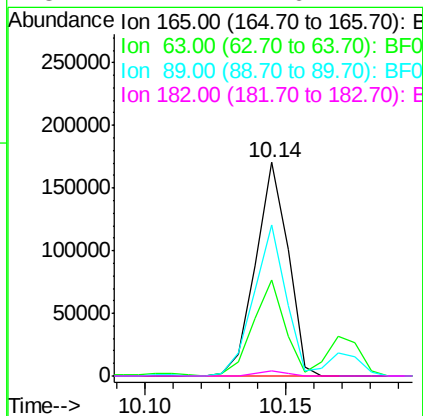
Instrument :
BNA_F
ClientSampleId :
LT-TS-001MSD

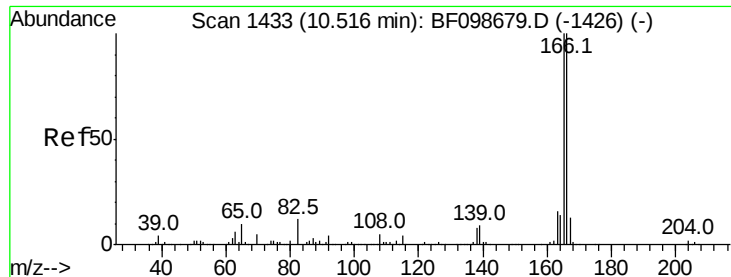
Tot Ion	Ratio	Lower	Upper
139	100		
109	64.8	48.4	88.4
65	89.5	72.6	112.6



#56
2,4-Dinitrotoluene
Concen: 25.008 ng
RT: 10.14 min Scan# 1370
Delta R.T. -0.00 min
Lab File: BF098719.D
Acq: 23 Sep 2017 1:59

Tgt Ion	Ratio	Lower	Upper
165	100		
63	44.8	36.4	54.6
89	70.7	57.8	86.6
182	2.4	1.6	2.4





#57

Fluorene

Concen: 21.672 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.00 min

Lab File: BF098719.D

Acq: 23 Sep 2017 1:59

Instrument :

BNA_F

ClientSampleId :

LT-TS-001MSD

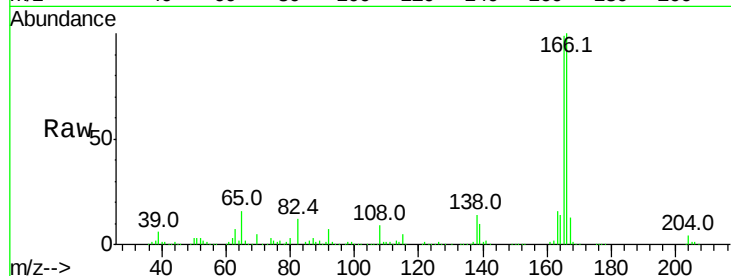
Tot Ion:166 Resp: 401313

Ion Ratio Lower Upper

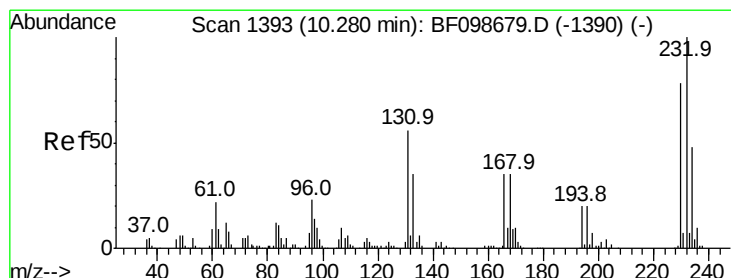
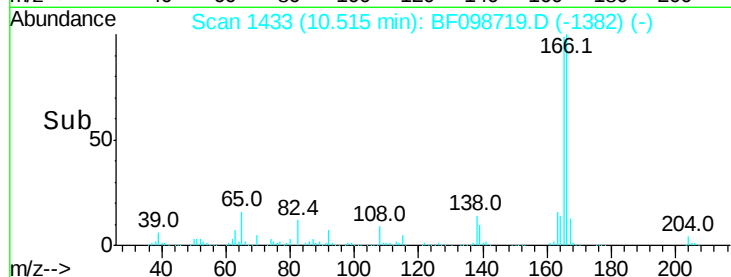
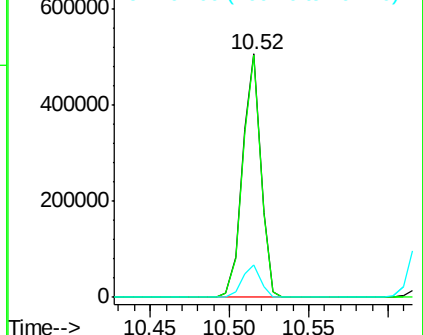
166 100

165 99.3 79.8 119.8

167 13.4 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 26.489 ng

RT: 10.29 min Scan# 1394

Delta R.T. 0.01 min

Lab File: BF098719.D

Acq: 23 Sep 2017 1:59

Tgt Ion:232 Resp: 105654

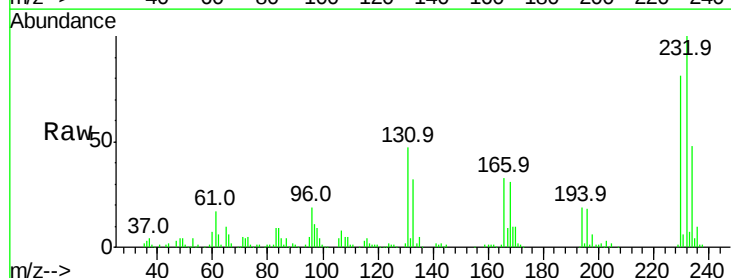
Ion Ratio Lower Upper

232 100

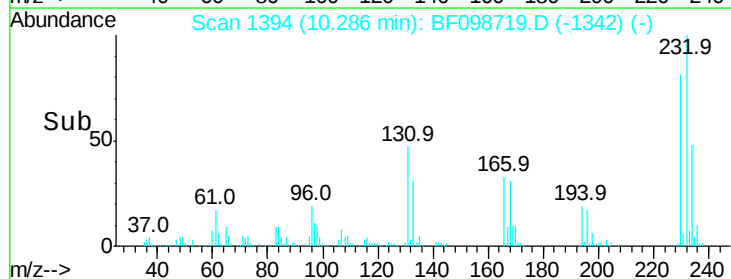
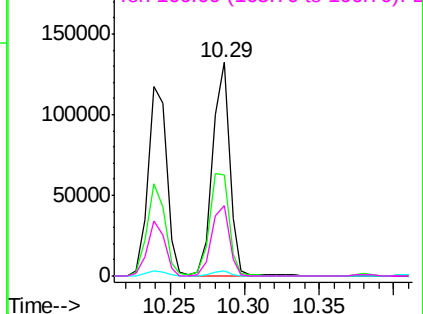
131 54.2 43.8 65.8

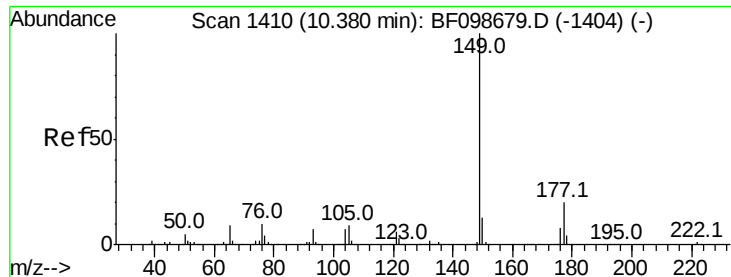
130 2.5 2.1 3.1

166 34.0 27.8 41.6



Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

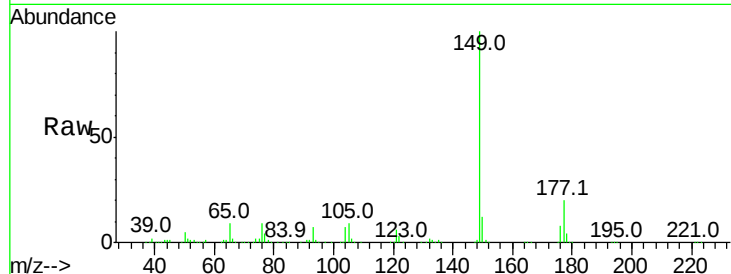




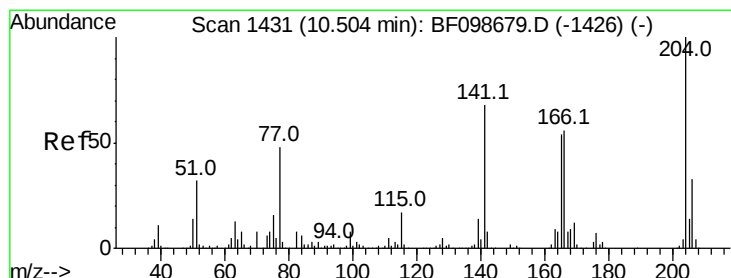
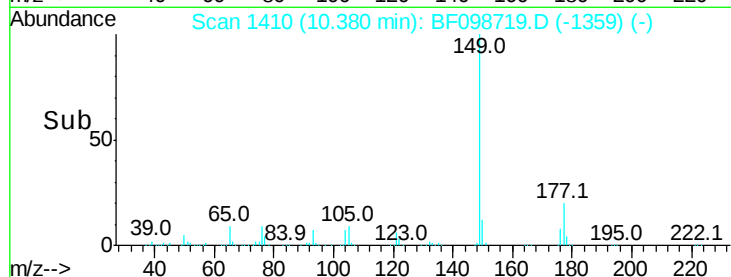
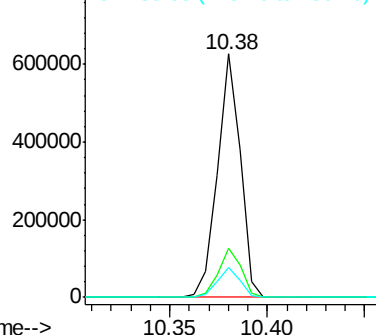
#59
Diethylphthalate
Concen: 25.259 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.00 min
Lab File: BF098719.D
Acq: 23 Sep 2017 1:59

Instrument :
BNA_F
ClientSampleId :
LT-TS-001MSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	20.1	16.1	24.1
150	12.4	10.1	15.1

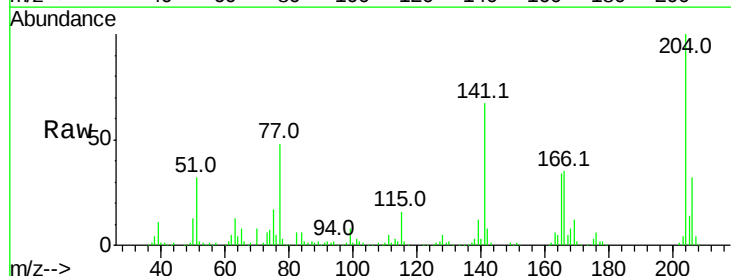


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

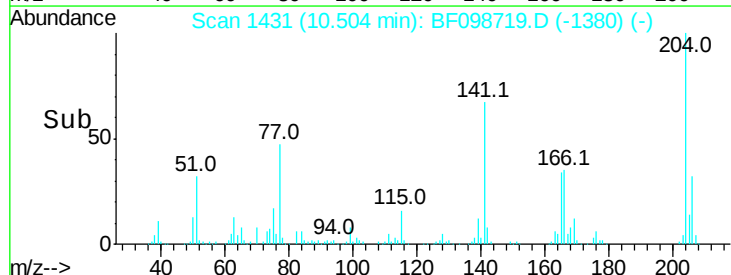
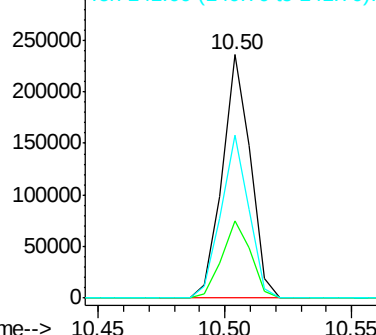


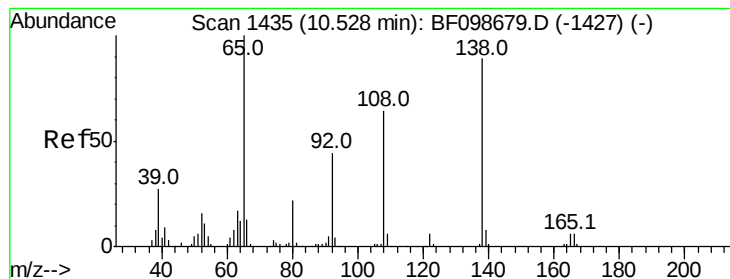
#60
4-Chlorophenyl-phenylether
Concen: 22.421 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.00 min
Lab File: BF098719.D
Acq: 23 Sep 2017 1:59

Tgt Ion	Ratio	Lower	Upper
204	100		
206	31.8	26.5	39.7
141	66.9	54.6	81.8



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





#61

4-Nitroaniline

Concen: 26.243 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF098719.D

Acq: 23 Sep 2017 1:59

Instrument :

BNA_F

ClientSampleId :

LT-TS-001MSD

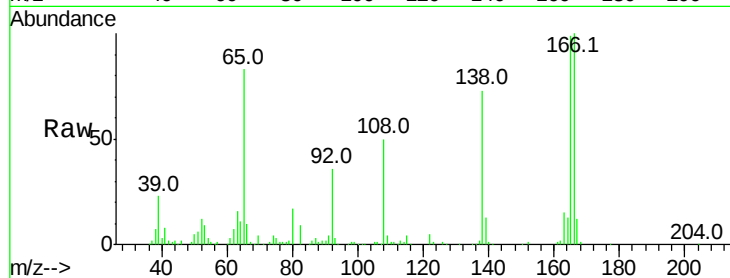
Tot Ion:138 Resp: 121794

Ion Ratio Lower Upper

138 100

92 49.9 30.2 70.2

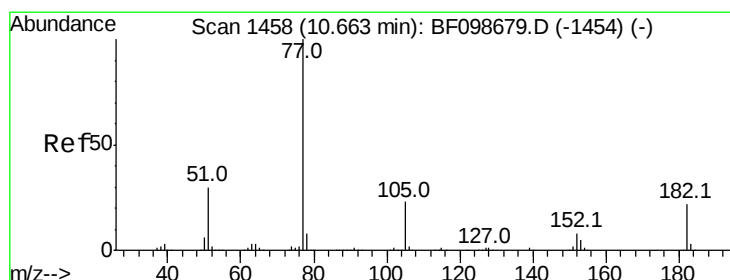
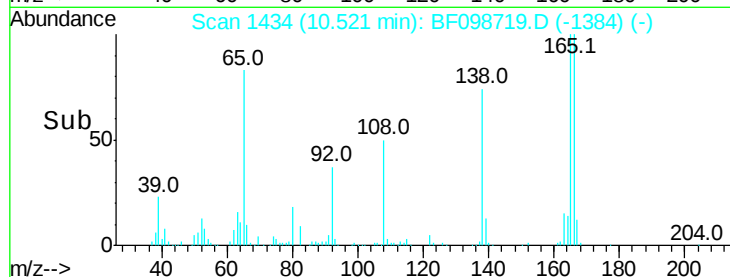
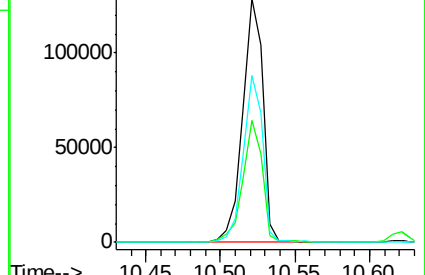
108 68.5 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 22.973 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.00 min

Lab File: BF098719.D

Acq: 23 Sep 2017 1:59

Tgt Ion: 77 Resp: 433134

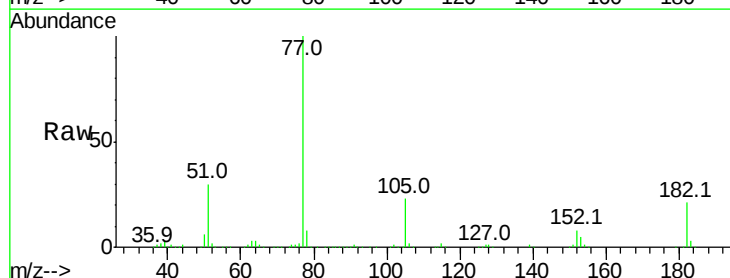
Ion Ratio Lower Upper

77 100

182 20.8 1.7 41.7

105 23.4 3.0 43.0

51 29.9 9.9 49.9

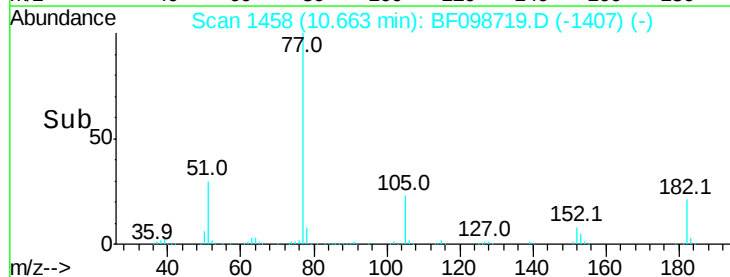
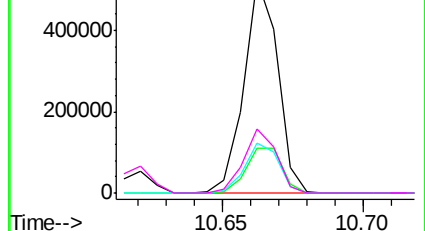


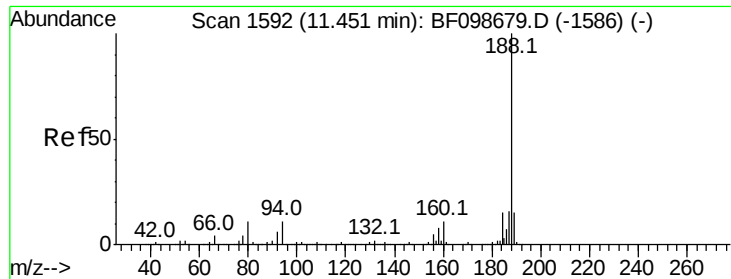
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

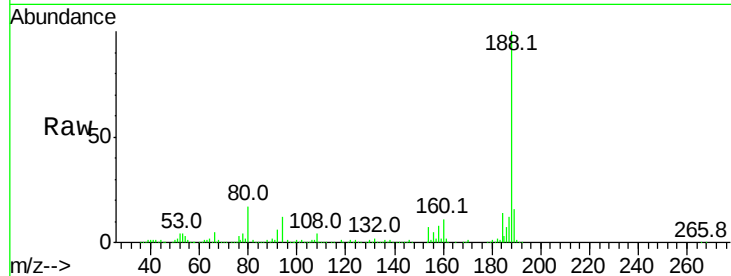




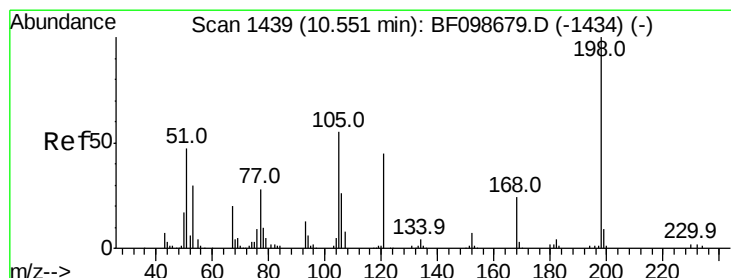
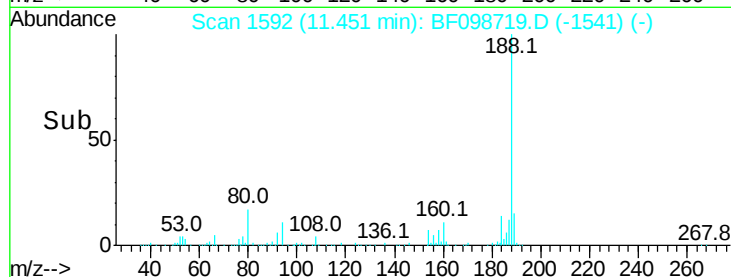
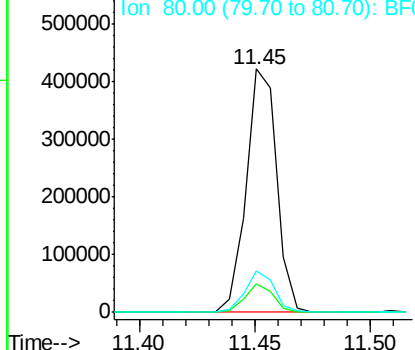
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.45 min Scan# 1592
 Delta R.T. -0.00 min
 Lab File: BF098719.D
 Acq: 23 Sep 2017 1:59

Instrument :
 BNA_F
 ClientSampleId :
 LT-TS-001MSD

Tot Ion:188 Resp: 389256
 Ion Ratio Lower Upper
 188 100
 94 11.7 8.5 12.7
 80 16.9 9.2 13.8#

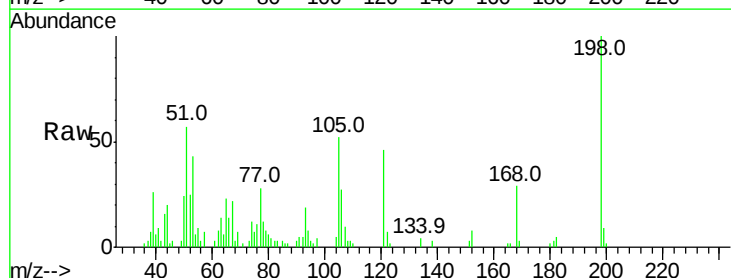


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

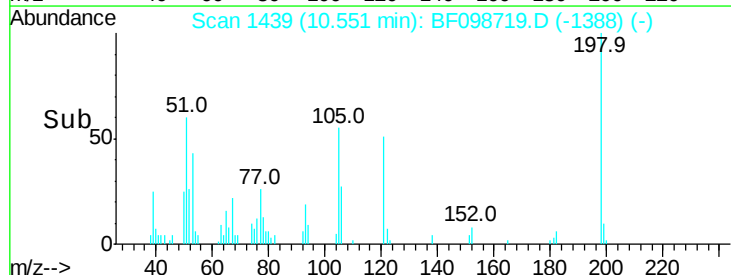
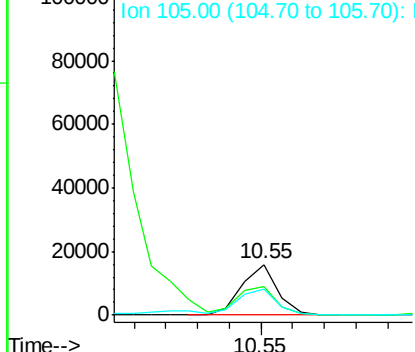


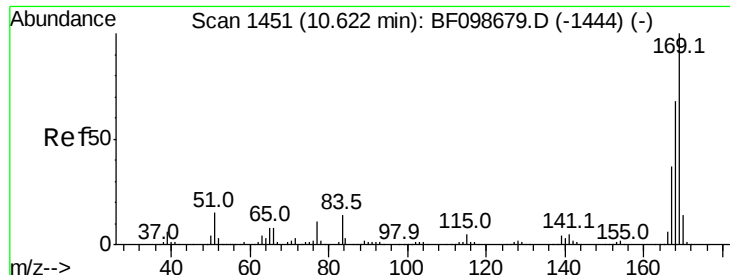
#64
 4,6-Dinitro-2-methylphenol
 Concen: 14.066 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: BF098719.D
 Acq: 23 Sep 2017 1:59

Tgt Ion:198 Resp: 12209
 Ion Ratio Lower Upper
 198 100
 51 56.9 37.7 77.7
 105 51.6 36.3 76.3



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

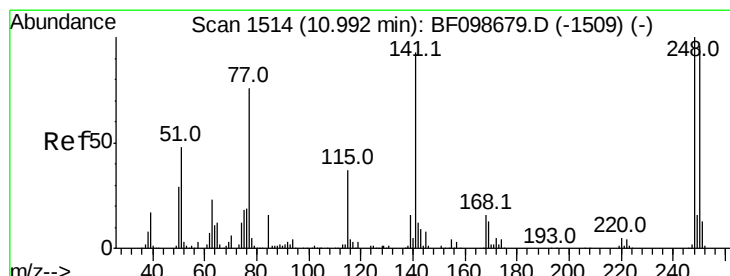
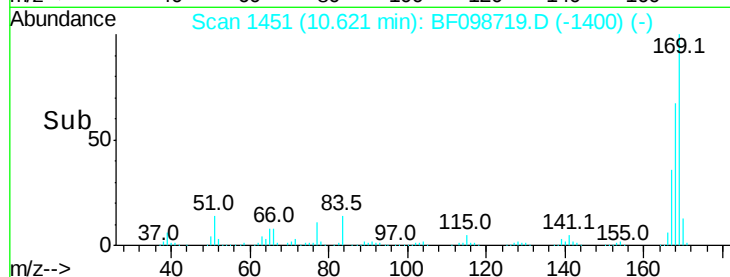
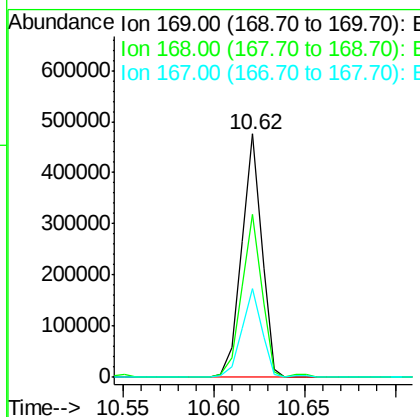
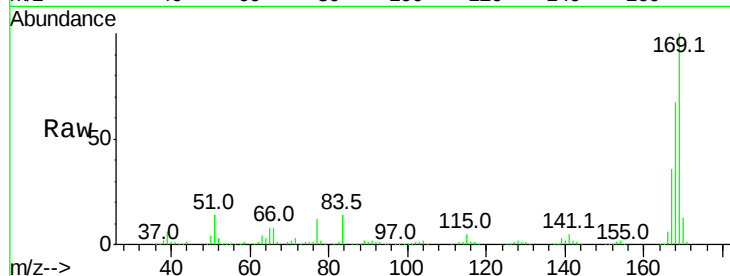




#65
 n-Nitrosodiphenylamine
 Concen: 27.438 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.00 min
 Lab File: BF098719.D
 Acq: 23 Sep 2017 1:59

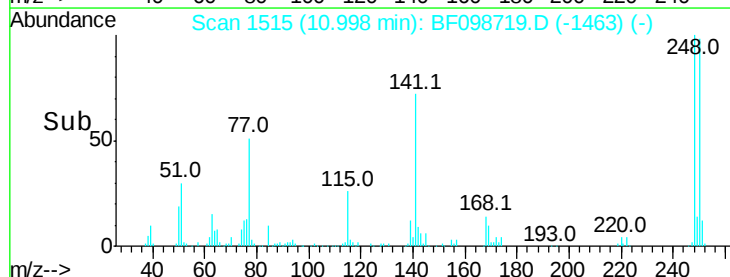
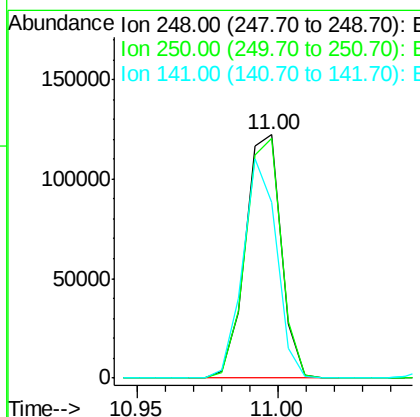
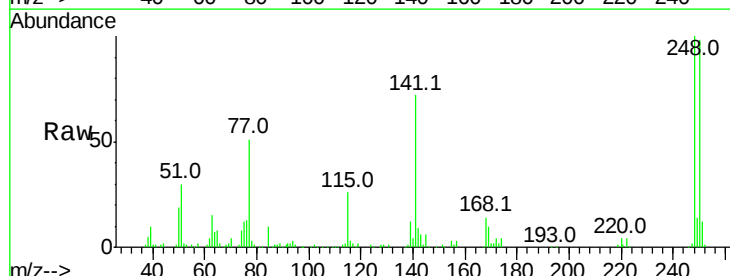
Instrument :
 BNA_F
 ClientSampleId :
 LT-TS-001MSD

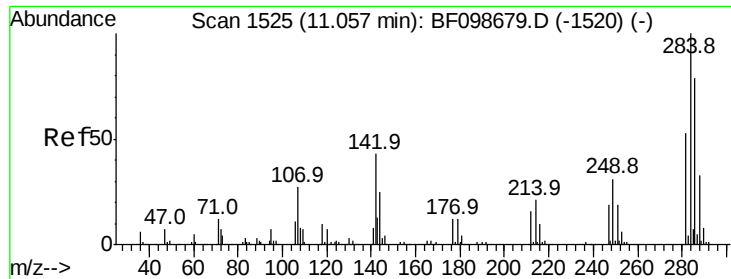
Tot Ion:169 Resp: 367632
 Ion Ratio Lower Upper
 169 100
 168 66.7 54.4 81.6
 167 36.5 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 27.338 ng
 RT: 11.00 min Scan# 1515
 Delta R.T. 0.01 min
 Lab File: BF098719.D
 Acq: 23 Sep 2017 1:59

Tgt Ion:248 Resp: 107449
 Ion Ratio Lower Upper
 248 100
 250 98.4 76.9 115.3
 141 72.0 74.4 111.6#

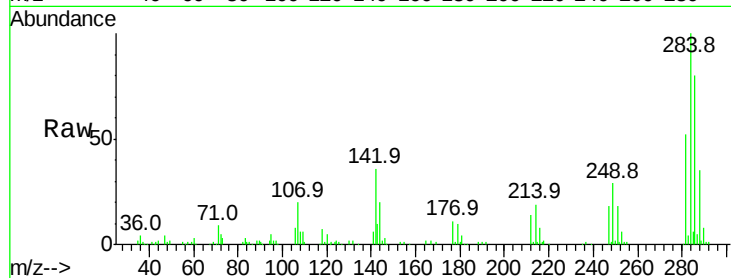




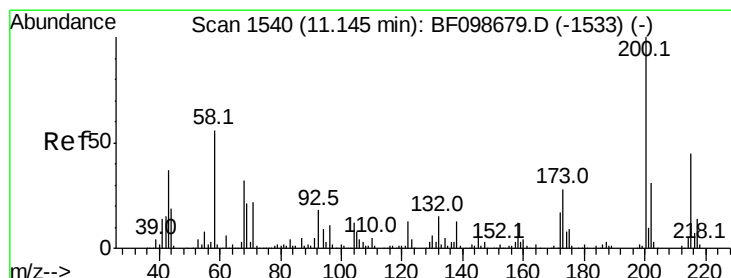
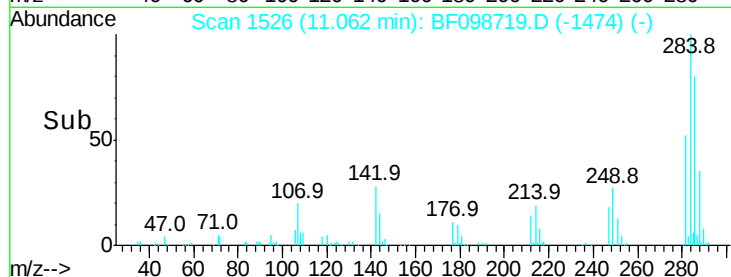
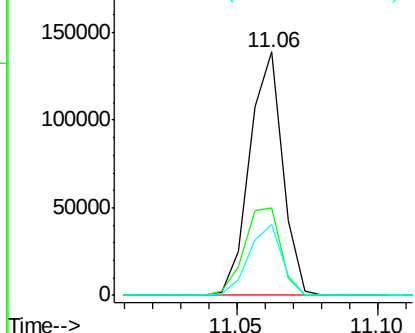
#67
Hexachlorobenzene
Concen: 25.147 ng
RT: 11.06 min Scan# 1526
Delta R.T. 0.01 min
Lab File: BF098719.D
Acq: 23 Sep 2017 1:59

Instrument :
BNA_F
ClientSampleId :
LT-TS-001MSD

Tot Ion:284 Resp: 112623
Ion Ratio Lower Upper
284 100
142 35.7 34.6 52.0
249 29.3 24.8 37.2

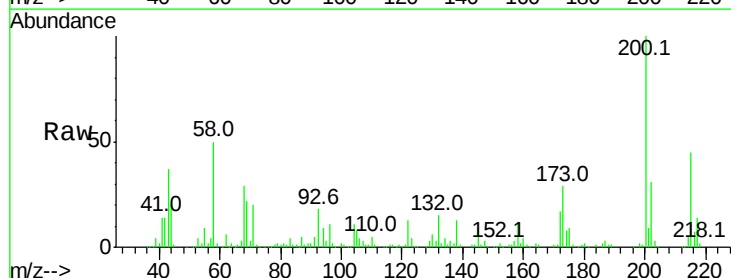


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

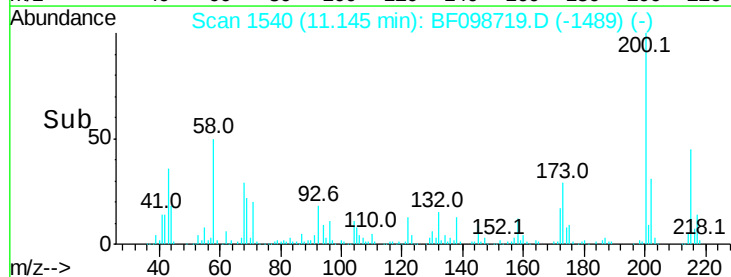
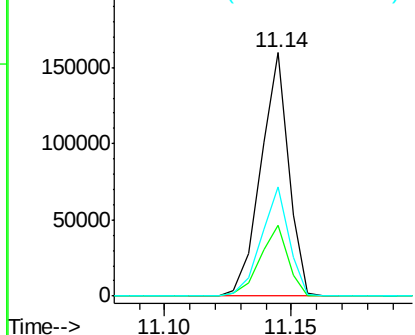


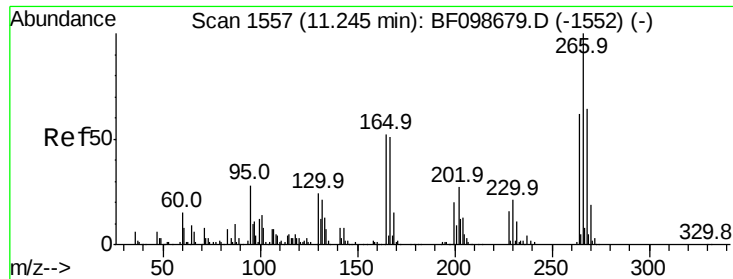
#68
Atrazine
Concen: 30.498 ng
RT: 11.14 min Scan# 1540
Delta R.T. -0.00 min
Lab File: BF098719.D
Acq: 23 Sep 2017 1:59

Tgt Ion:200 Resp: 122919
Ion Ratio Lower Upper
200 100
173 29.2 8.6 48.6
215 45.1 25.1 65.1



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





#69

Pentachlorophenol

Concen: 54.900 ng

RT: 11.25 min Scan# 1558

Delta R.T. 0.01 min

Lab File: BF098719.D

Acq: 23 Sep 2017 1:59

Instrument :

BNA_F

ClientSampleId :

LT-TS-001MSD

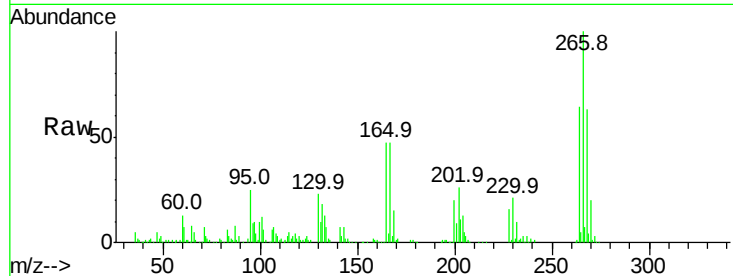
Tot Ion:266 Resp: 140536

Ion Ratio Lower Upper

266 100

268 62.7 51.1 76.7

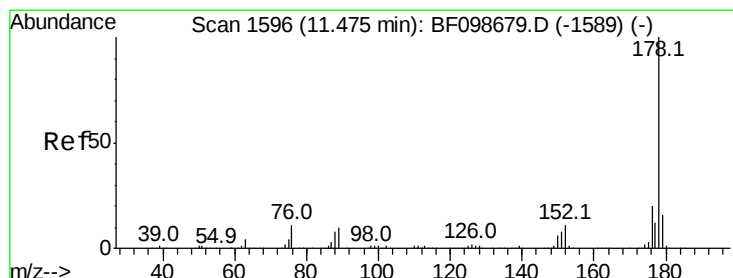
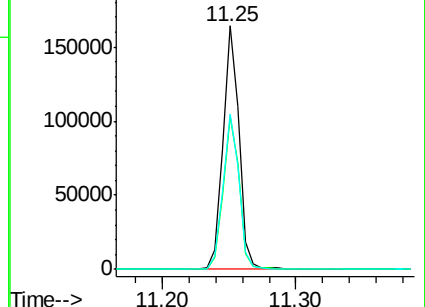
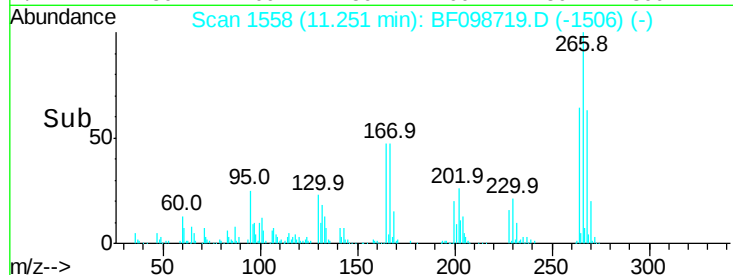
264 63.6 49.5 74.3



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 27.441 ng

RT: 11.48 min Scan# 1597

Delta R.T. 0.01 min

Lab File: BF098719.D

Acq: 23 Sep 2017 1:59

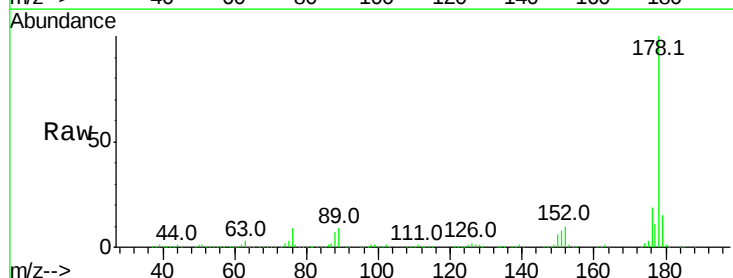
Tgt Ion:178 Resp: 579448

Ion Ratio Lower Upper

178 100

176 19.3 15.8 23.8

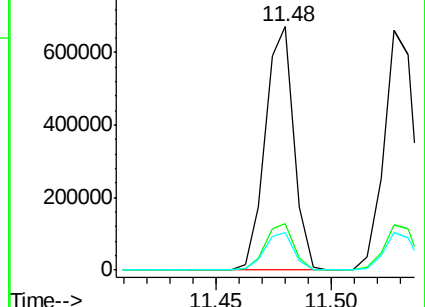
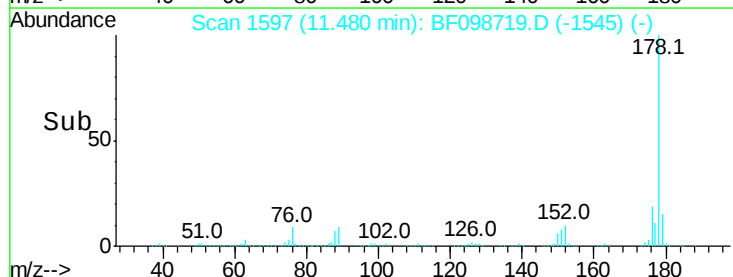
179 15.3 13.0 19.6

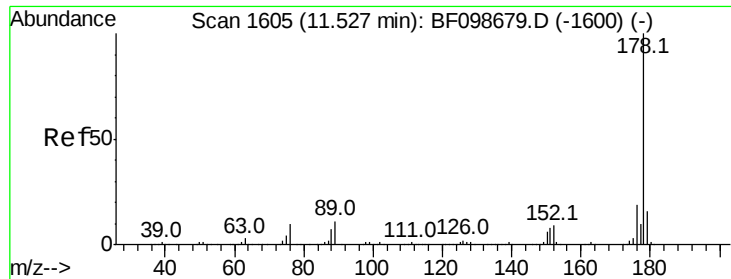


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

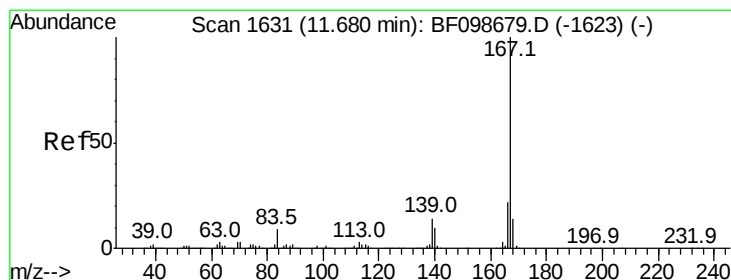
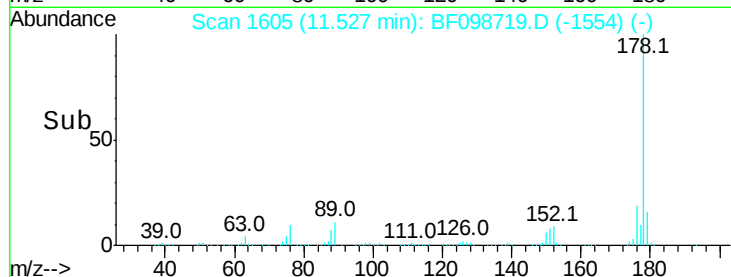
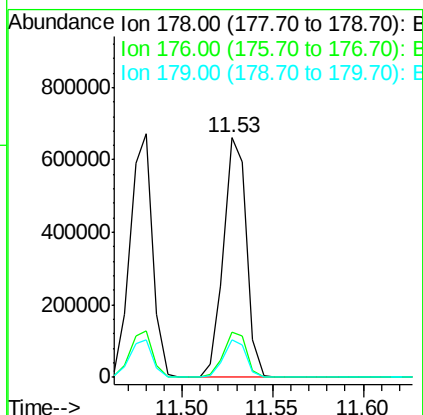
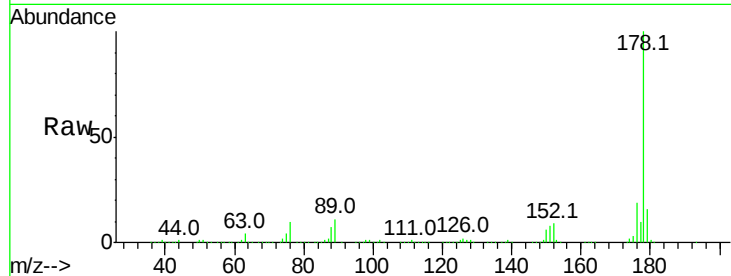




#71
 Anthracene
 Concen: 27.212 ng
 RT: 11.53 min Scan# 1605
 Delta R.T. -0.00 min
 Lab File: BF098719.D
 Acq: 23 Sep 2017 1:59

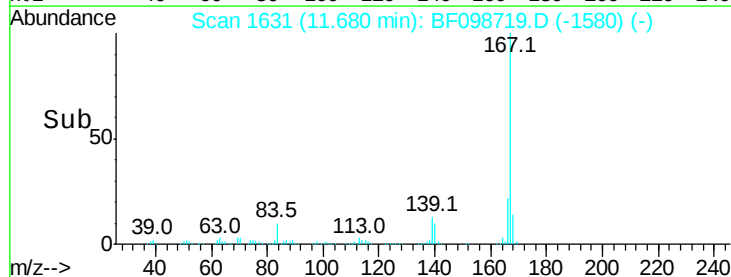
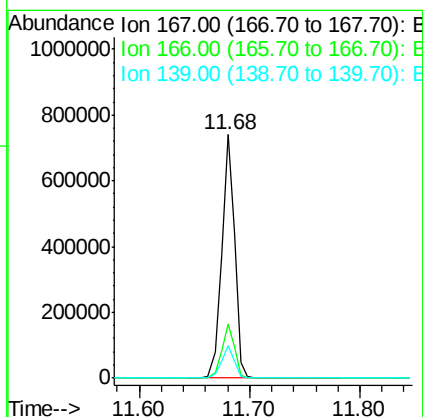
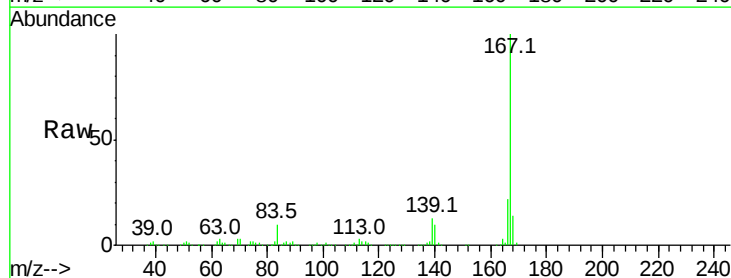
Instrument :
 BNA_F
 ClientSampleId :
 LT-TS-001MSD

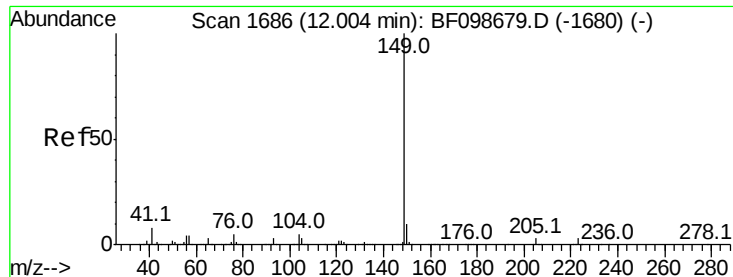
Tot Ion:178 Resp: 585895
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.4 23.2
 179 15.8 12.6 19.0



#72
 Carbazole
 Concen: 28.593 ng
 RT: 11.68 min Scan# 1631
 Delta R.T. -0.00 min
 Lab File: BF098719.D
 Acq: 23 Sep 2017 1:59

Tgt Ion:167 Resp: 601561
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.6 26.4
 139 13.2 10.9 16.3





#73

Di-n-butylphthalate

Concen: 30.428 ng

RT: 12.01 min Scan# 1687

Delta R.T. 0.01 min

Lab File: BF098719.D

Acq: 23 Sep 2017 1:59

Instrument :

BNA_F

ClientSampleId :

LT-TS-001MSD

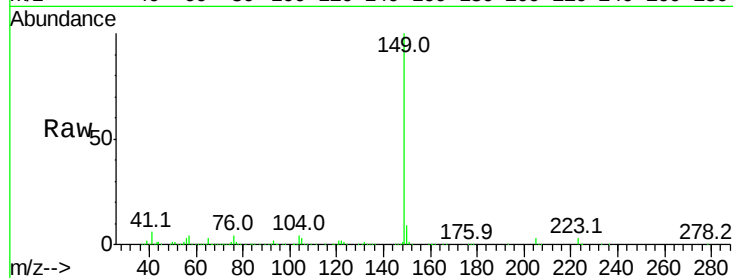
Tot Ion:149 Resp: 743556

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

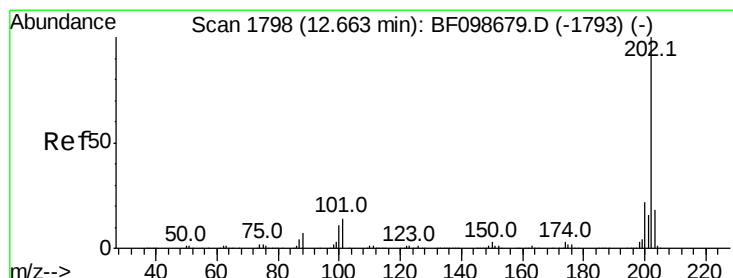
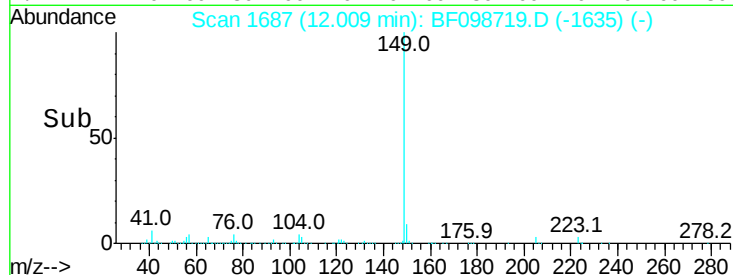
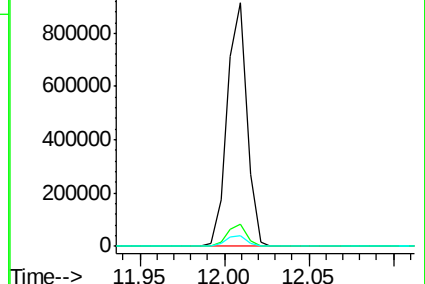
104 4.3 3.8 5.8



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: 30.086 ng

RT: 12.67 min Scan# 1799

Delta R.T. 0.01 min

Lab File: BF098719.D

Acq: 23 Sep 2017 1:59

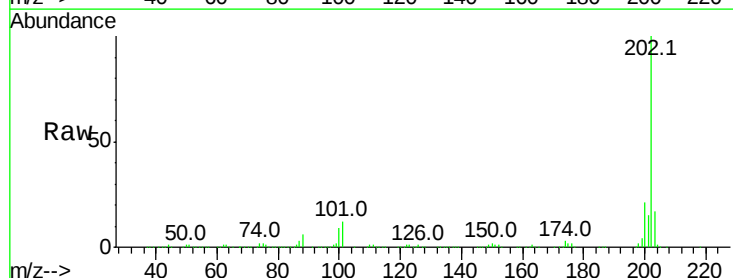
Tgt Ion:202 Resp: 633136

Ion Ratio Lower Upper

202 100

101 12.0 0.0 34.1

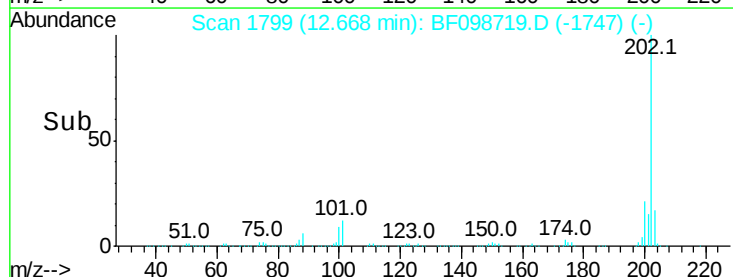
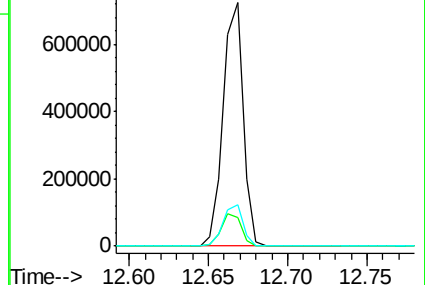
203 17.1 0.0 38.1

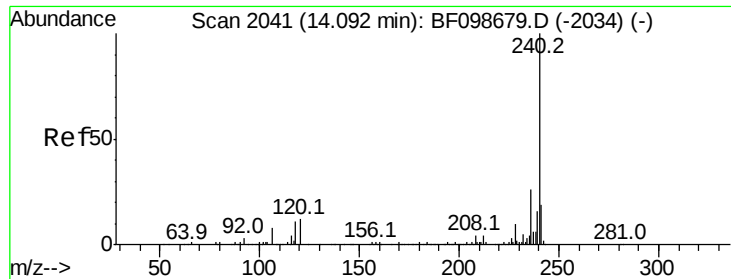


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.09 min Scan# 2041

Delta R.T. -0.00 min

Lab File: BF098719.D

Acq: 23 Sep 2017 1:59

Instrument :

BNA_F

ClientSampleId :

LT-TS-001MSD

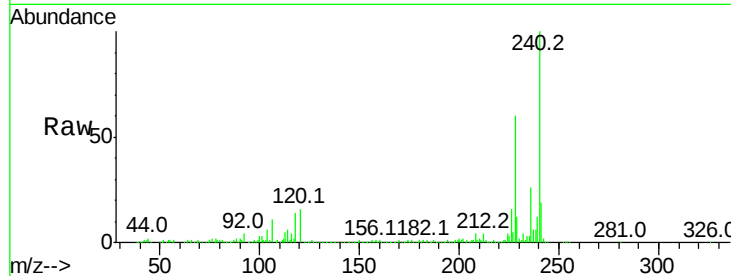
Tot Ion:240 Resp: 340842

Ion Ratio Lower Upper

240 100

120 15.6 9.5 14.3#

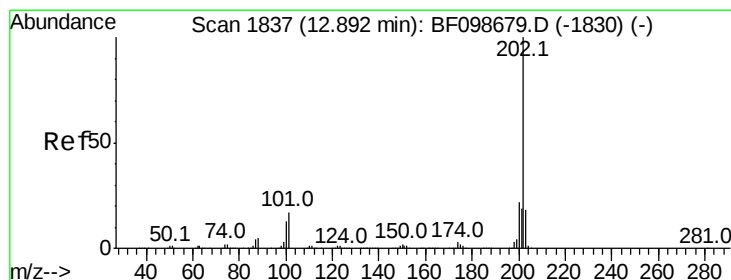
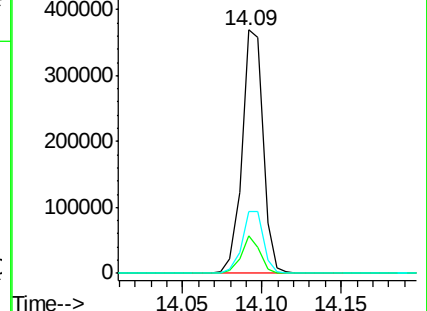
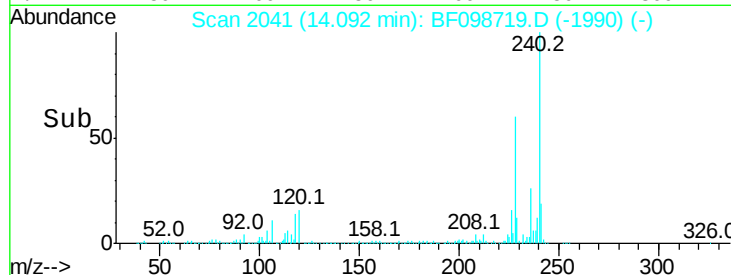
236 25.6 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 26.142 ng

RT: 12.90 min Scan# 1838

Delta R.T. 0.01 min

Lab File: BF098719.D

Acq: 23 Sep 2017 1:59

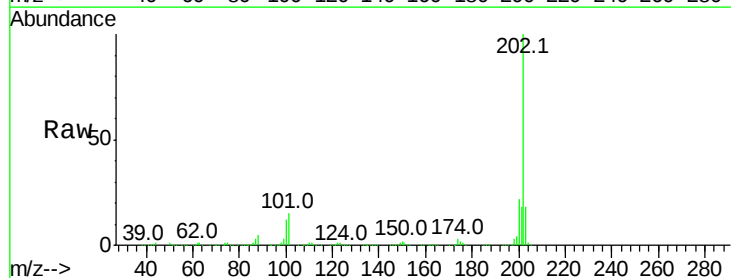
Tgt Ion:202 Resp: 661507

Ion Ratio Lower Upper

202 100

200 21.6 17.4 26.2

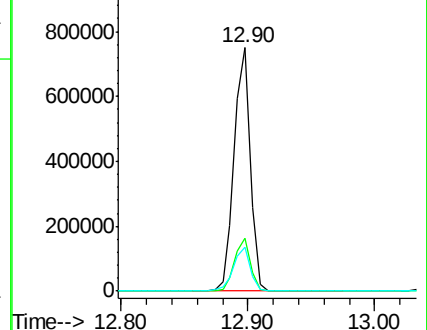
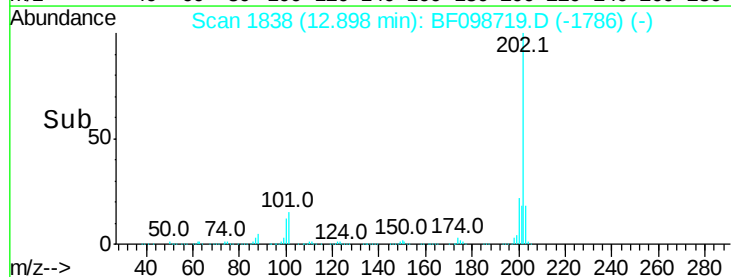
203 17.9 14.3 21.5

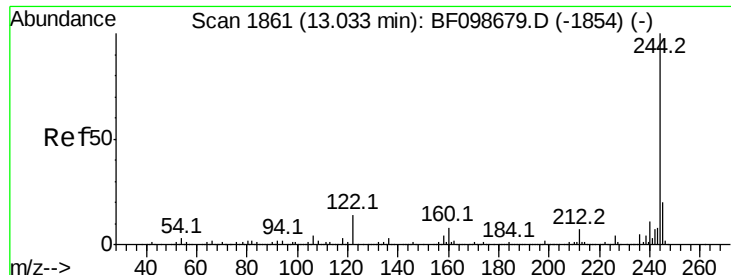


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 49.992 ng

RT: 13.03 min Scan# 1861

Delta R.T. -0.00 min

Lab File: BF098719.D

Acq: 23 Sep 2017 1:59

Instrument :

BNA_F

ClientSampleId :

LT-TS-001MSD

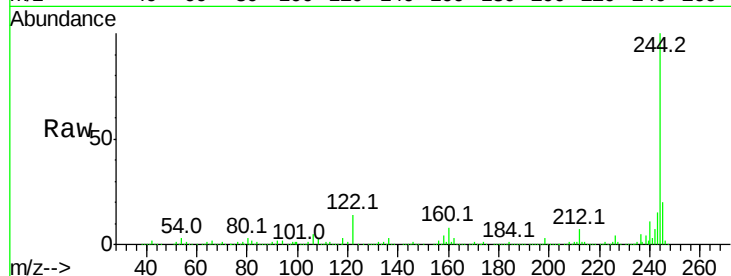
Tot Ion:244 Resp: 793559

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

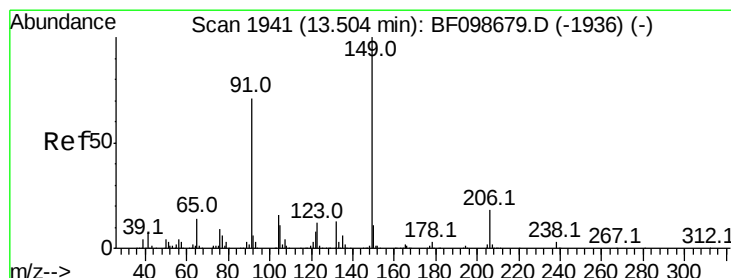
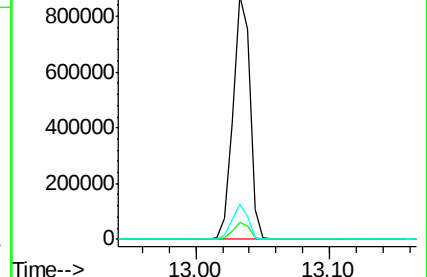
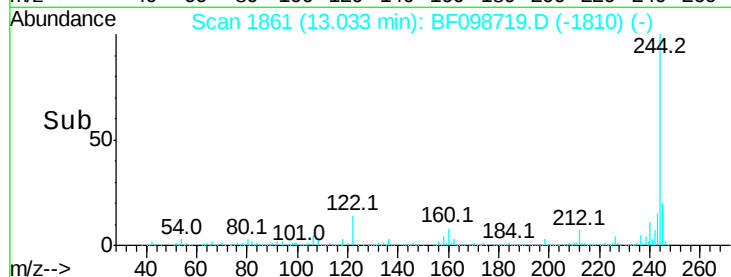
122 14.2 11.0 16.4



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: 29.063 ng

RT: 13.51 min Scan# 1942

Delta R.T. 0.01 min

Lab File: BF098719.D

Acq: 23 Sep 2017 1:59

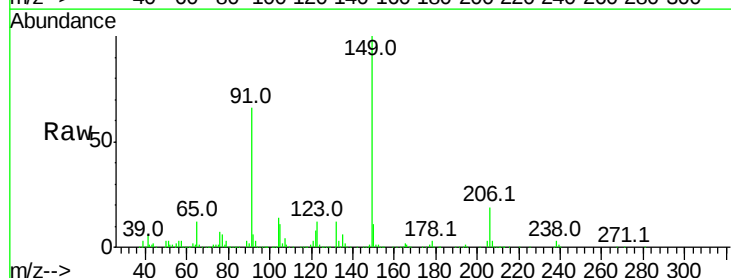
Tgt Ion:149 Resp: 304247

Ion Ratio Lower Upper

149 100

91 65.8 56.8 85.2

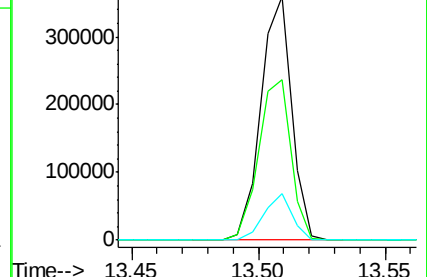
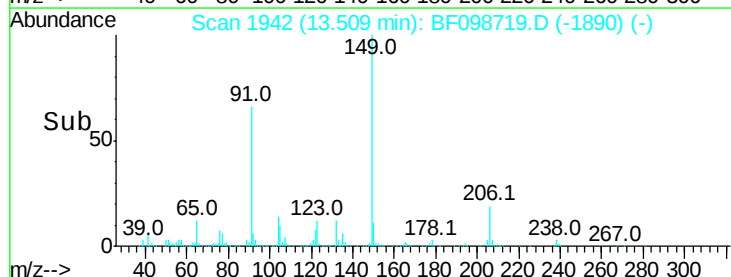
206 18.9 14.1 21.1

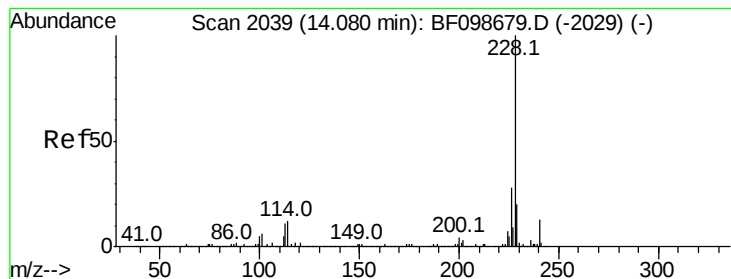


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

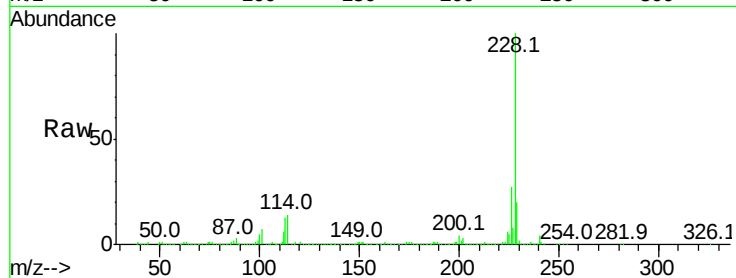




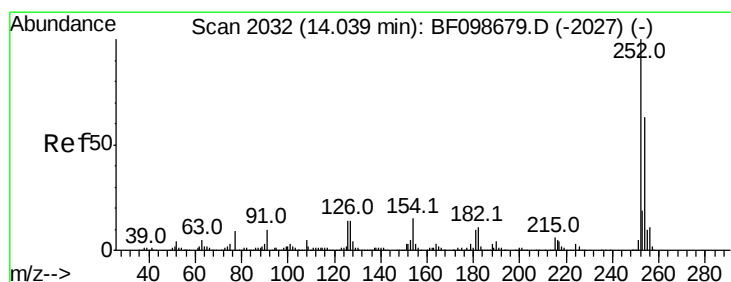
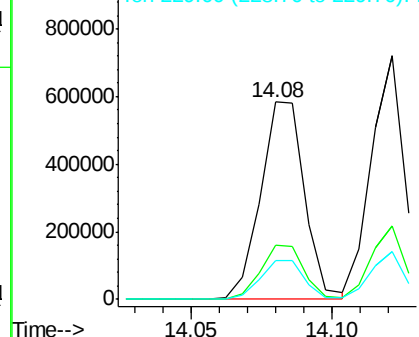
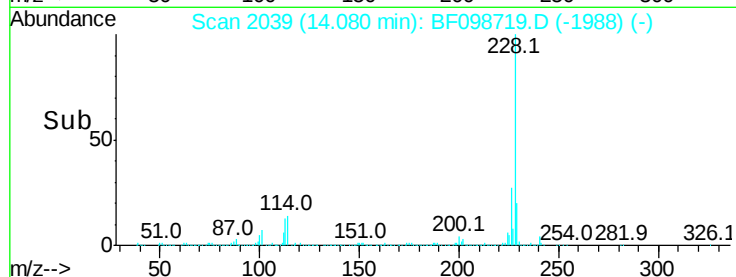
#80
Benzo(a)anthracene
Concen: 30.763 ng
RT: 14.08 min Scan# 2039
Delta R.T. -0.00 min
Lab File: BF098719.D
Acq: 23 Sep 2017 1:59

Instrument :
BNA_F
ClientSampleId :
LT-TS-001MSD

Tot Ion:228 Resp: 631580
Ion Ratio Lower Upper
228 100
226 27.3 22.6 33.8
229 19.5 15.8 23.6

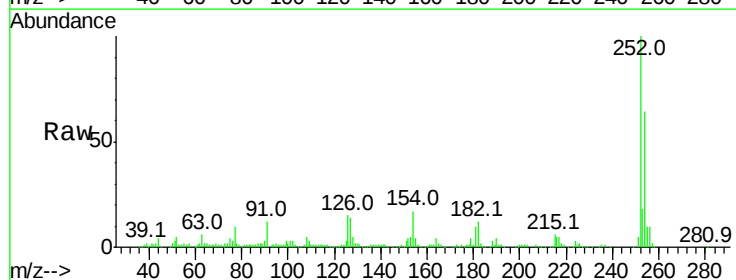


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

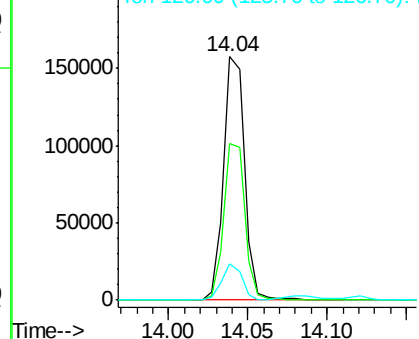
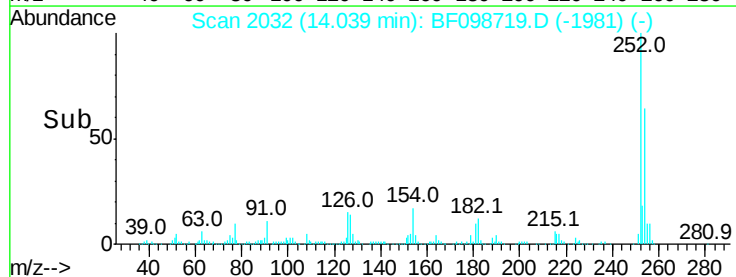


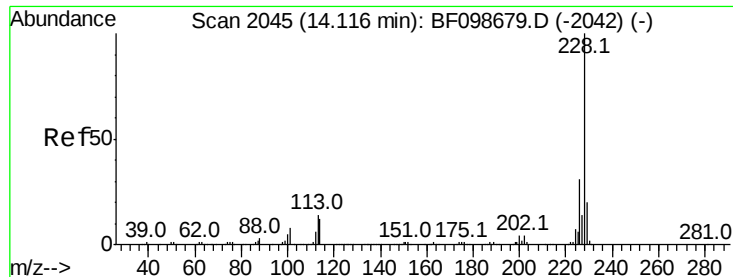
#81
3,3'-Dichlorobenzidine
Concen: 19.837 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BF098719.D
Acq: 23 Sep 2017 1:59

Tgt Ion:252 Resp: 145334
Ion Ratio Lower Upper
252 100
254 64.5 50.4 75.6
126 15.0 11.3 16.9



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: 29.605 ng

RT: 14.12 min Scan# 2046

Delta R.T. 0.01 min

Lab File: BF098719.D

Acq: 23 Sep 2017 1:59

Instrument :

BNA_F

ClientSampleId :

LT-TS-001MSD

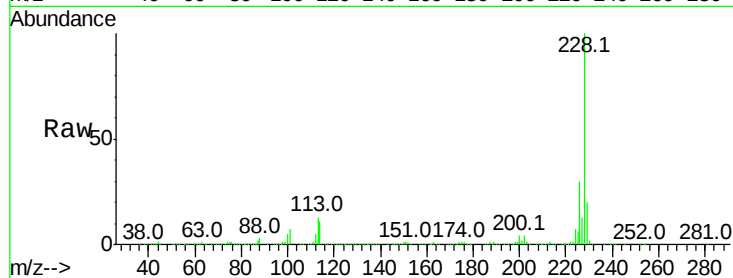
Tot Ion:228 Resp: 586963

Ion Ratio Lower Upper

228 100

226 30.0 25.0 37.6

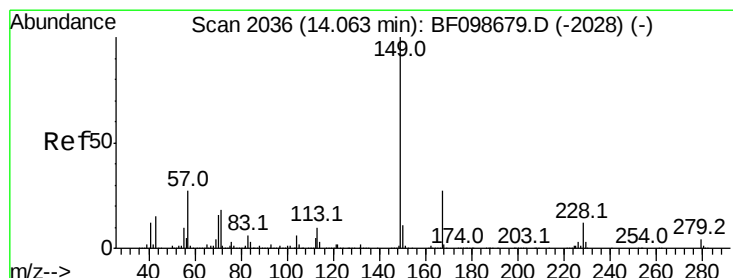
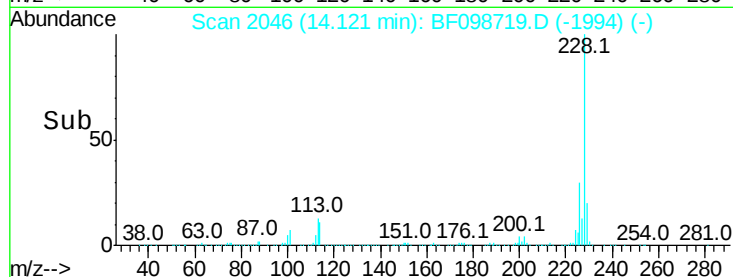
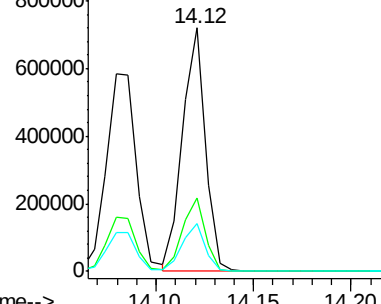
229 19.7 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 30.610 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.00 min

Lab File: BF098719.D

Acq: 23 Sep 2017 1:59

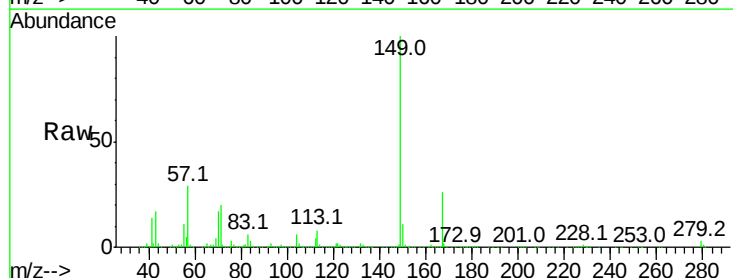
Tgt Ion:149 Resp: 443250

Ion Ratio Lower Upper

149 100

167 26.0 21.3 31.9

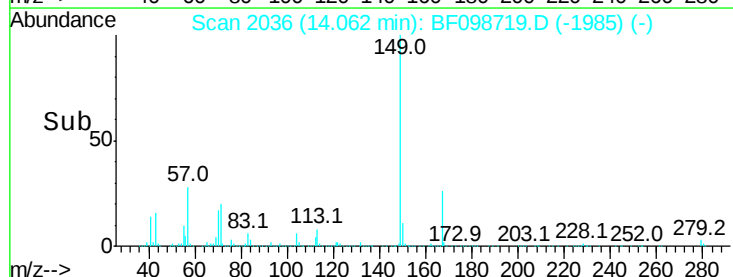
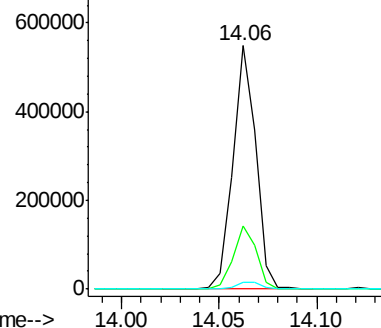
279 2.8 3.0 4.4#

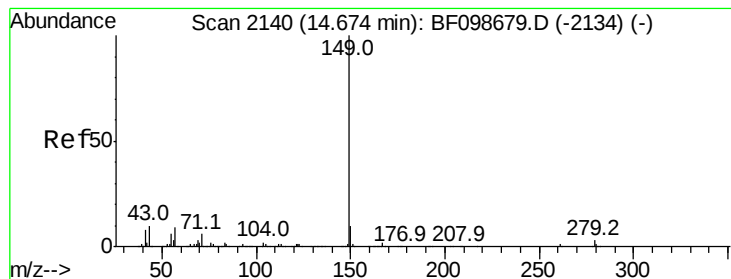


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 37.122 ng

RT: 14.68 min Scan# 2141

Delta R.T. 0.01 min

Lab File: BF098719.D

Acq: 23 Sep 2017 1:59

Instrument :

BNA_F

ClientSampleId :

LT-TS-001MSD

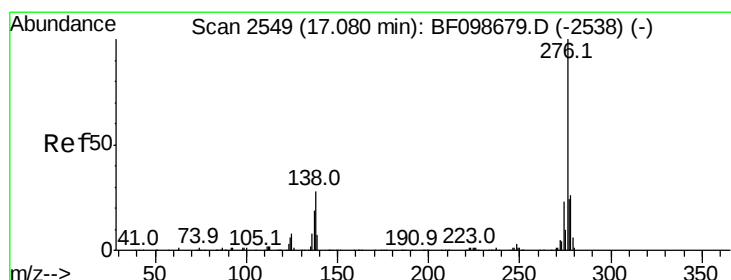
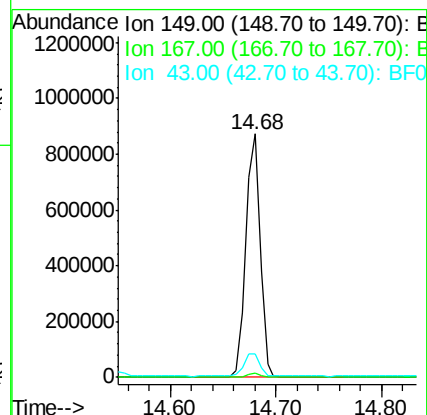
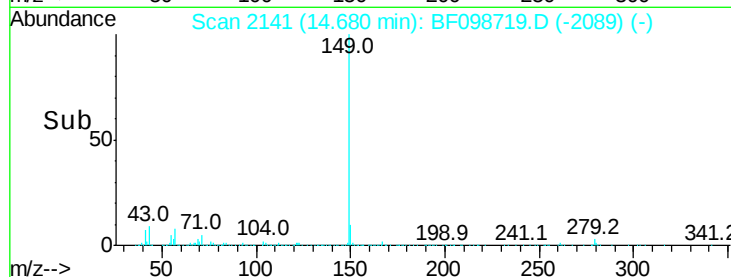
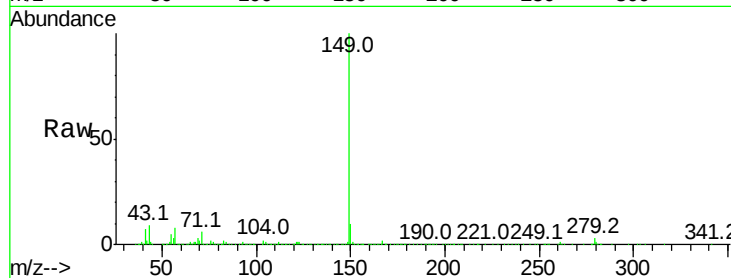
Tot Ion:149 Resp: 807304

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 10.0 8.4 12.6



#85

Indeno(1,2,3-cd)pyrene

Concen: 27.405 ng

RT: 17.10 min Scan# 2552

Delta R.T. 0.02 min

Lab File: BF098719.D

Acq: 23 Sep 2017 1:59

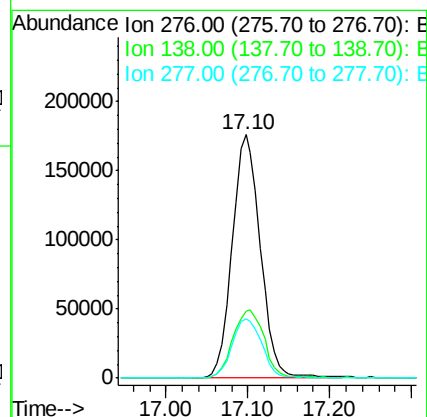
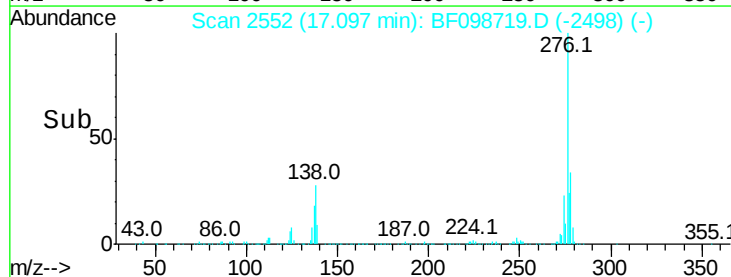
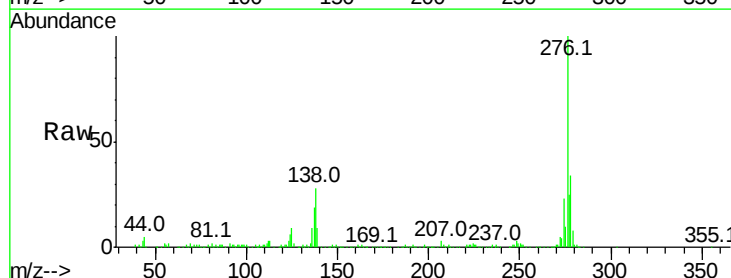
Tgt Ion:276 Resp: 421492

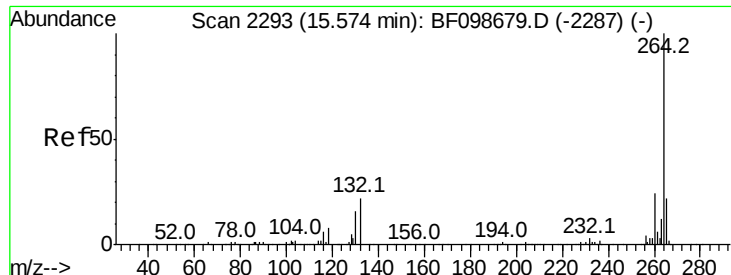
Ion Ratio Lower Upper

276 100

138 31.3 25.0 37.6

277 26.1 20.1 30.1

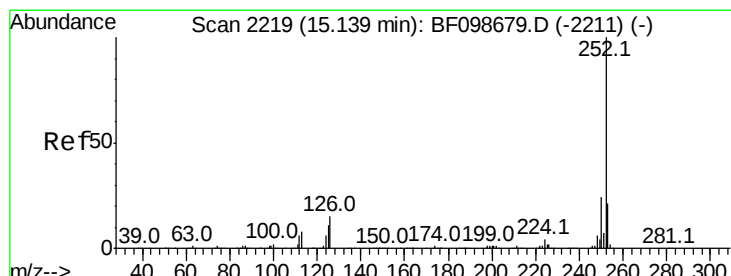
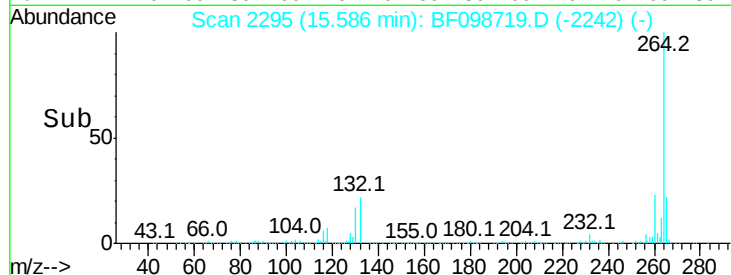
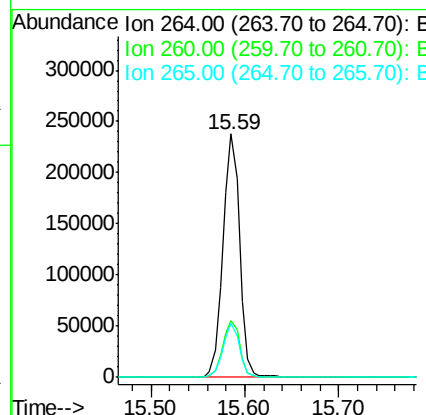
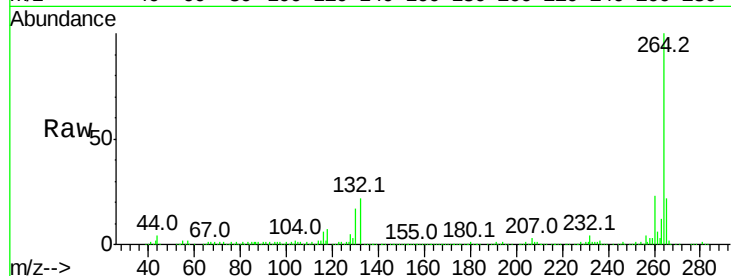




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.59 min Scan# 2295
Delta R.T. 0.01 min
Lab File: BF098719.D
Acq: 23 Sep 2017 1:59

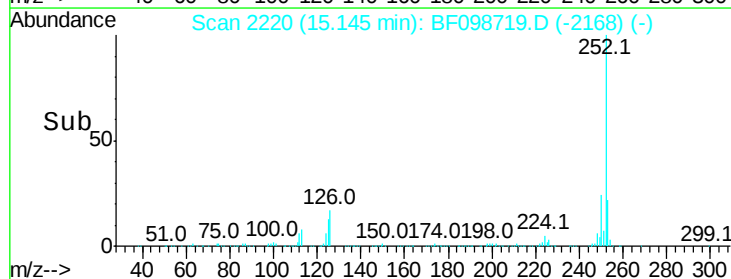
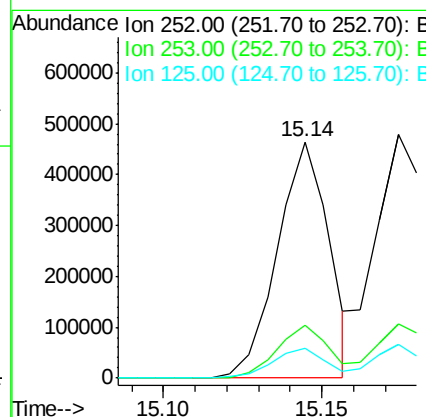
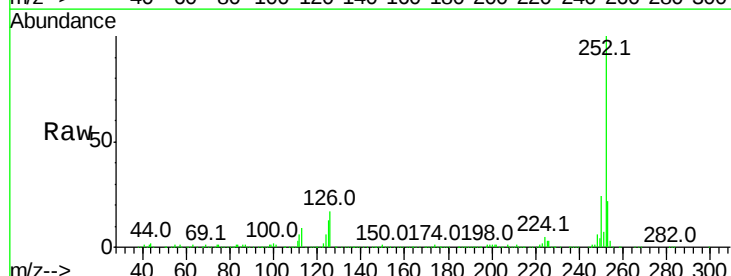
Instrument :
BNA_F
ClientSampleId :
LT-TS-001MSD

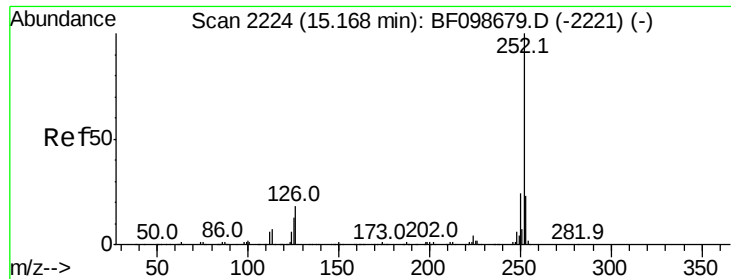
Tot Ion:264 Resp: 297820
Ion Ratio Lower Upper
264 100
260 23.4 19.2 28.8
265 22.2 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 30.464 ng
RT: 15.14 min Scan# 2220
Delta R.T. 0.01 min
Lab File: BF098719.D
Acq: 23 Sep 2017 1:59

Tgt Ion:252 Resp: 526186
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.6
125 12.8 9.0 13.6





#88

Benzo(k)fluoranthene

Concen: 30.483 ng

RT: 15.17 min Scan# 2225

Delta R.T. 0.01 min

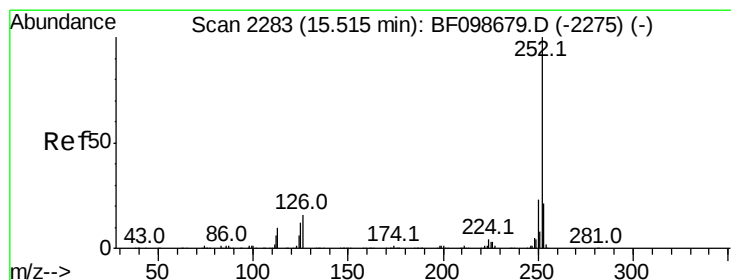
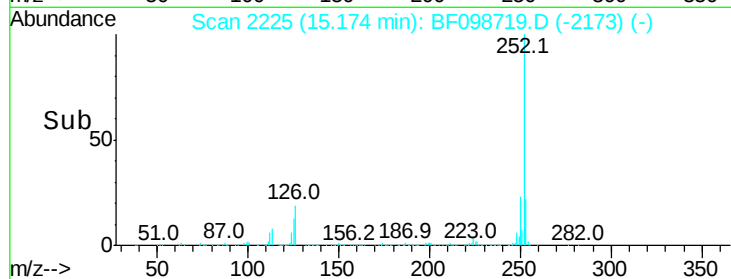
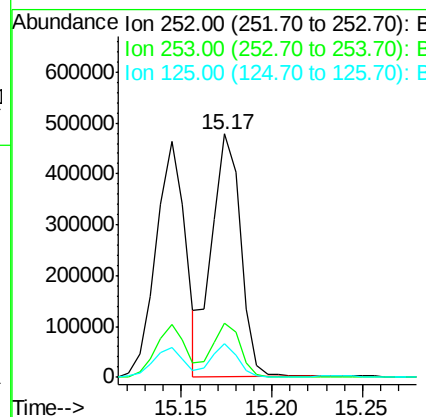
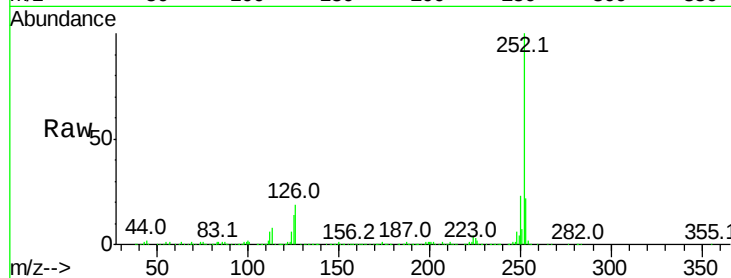
Lab File: BF098719.D

Acq: 23 Sep 2017 1:59

Instrument :
BNA_F
ClientSampleId :
LT-TS-001MSD

Tot Ion:252 Resp: 526134

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	13.6	10.2	15.2



#89

Benzo(a)pyrene

Concen: 30.104 ng

RT: 15.52 min Scan# 2284

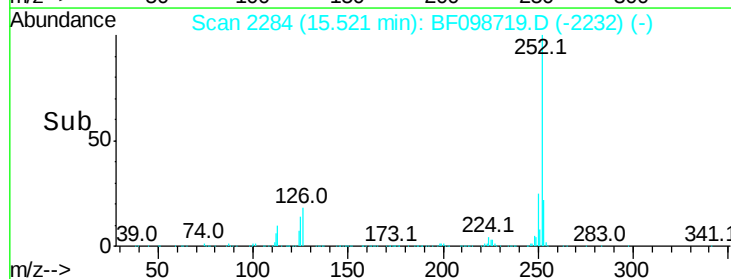
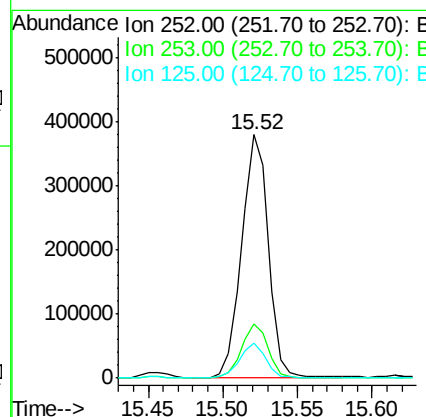
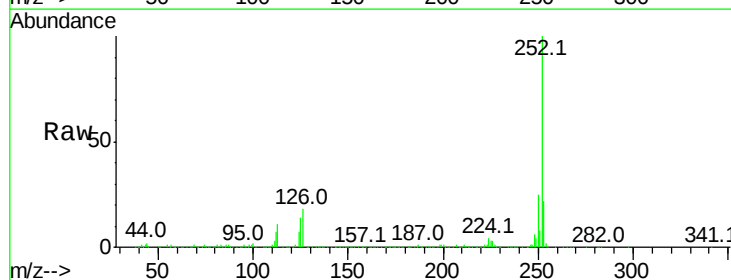
Delta R.T. 0.01 min

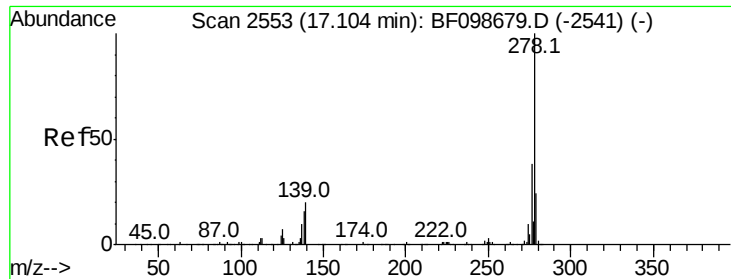
Lab File: BF098719.D

Acq: 23 Sep 2017 1:59

Tgt Ion:252 Resp: 472212

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.1	25.7
125	14.3	9.8	14.6





#90

Dibenzo(a,h)anthracene

Concen: 26.716 ng

RT: 17.12 min Scan# 2555

Delta R.T. 0.01 min

Lab File: BF098719.D

Acq: 23 Sep 2017 1:59

Instrument :

BNA_F

ClientSampleId :

LT-TS-001MSD

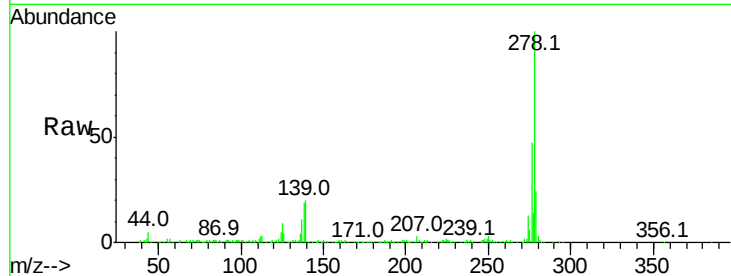
Tot Ion:278 Resp: 354418

Ion Ratio Lower Upper

278 100

139 19.6 15.9 23.9

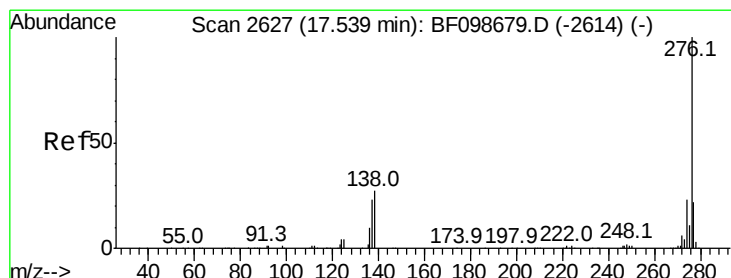
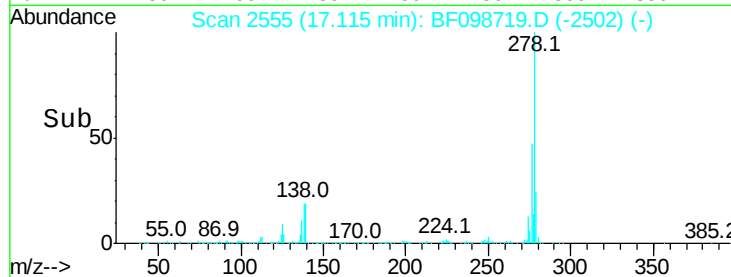
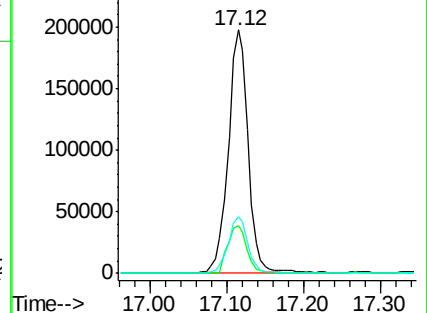
279 23.5 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 25.085 ng

RT: 17.56 min Scan# 2630

Delta R.T. 0.02 min

Lab File: BF098719.D

Acq: 23 Sep 2017 1:59

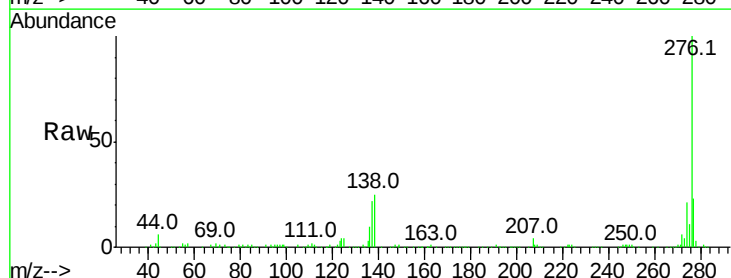
Tgt Ion:276 Resp: 334524

Ion Ratio Lower Upper

276 100

277 22.7 17.9 26.9

138 24.9 21.8 32.8



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

