

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092017\
 Data File : BF098671.D
 Acq On : 20 Sep 2017 20:24
 Operator : SJ/JU
 Sample : I5288-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 21 05:22:22 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 18 13:37:24 2017
 Response via : Initial Calibration

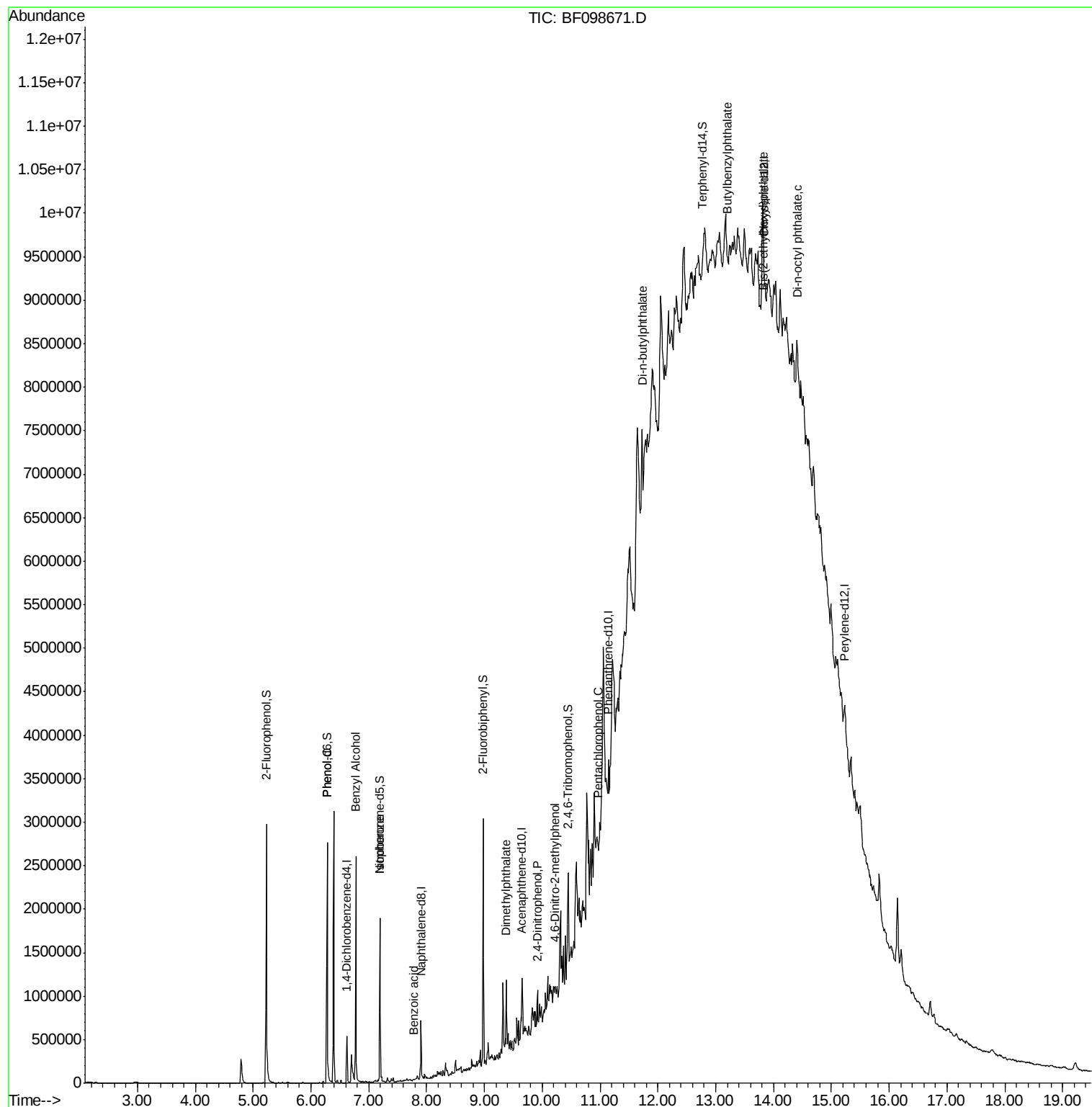
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	83300	20.00	ng	-0.01
21) Naphthalene-d8	7.90	136	271709	20.00	ng	-0.02
38) Acenaphthene-d10	9.65	164	106811	20.00	ng	-0.02
63) Phenanthrene-d10	11.15	188	181125	20.00	ng	0.00
75) Chrysene-d12	13.85	240	101151	20.00	ng	0.06
86) Perylene-d12	15.23	264	134409	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	871174	154.63	ng	-0.01
7) Phenol-d6	6.28	99	976454	136.50	ng	-0.01
23) Nitrobenzene-d5	7.19	82	557529	114.39	ng	-0.02
41) 2,4,6-Tribromophenol	10.45	330	127393	178.70	ng	-0.01
44) 2-Fluorobiphenyl	8.98	172	757744	120.24	ng	-0.02
78) Terphenyl-d14	12.77	244	464223	99.06	ng	0.04
Target Compounds						
10) Phenol	6.29	94	32167	3.87	ng	# 72
15) Benzyl Alcohol	6.77	79	10522	2.21	ng	# 41
25) Isophorone	7.19	82	557273	56.51	ng	# 67
32) Benzoic acid	7.79	122	135	8.01	ng	# 18
49) Dimethylphthalate	9.38	163	188282	22.77	ng	# 98
53) 2,4-Dinitrophenol	9.90	184	416	8.99	ng	# 54
64) 4,6-Dinitro-2-methylphenol	10.22	198	141	5.08	ng	# 1
69) Pentachlorophenol	10.97	266	752	7.83	ng	# 1
73) Di-n-butylphthalate	11.72	149	1115356	101.32	ng	# 98
79) Butylbenzylphthalate	13.21	149	16478	4.76	ng	# 65
83) Bis(2-ethylhexyl)phthalate	13.82	149	789190	181.65	ng	# 98
84) Di-n-octyl phthalate	14.42	149	62646	8.40	ng	# 1

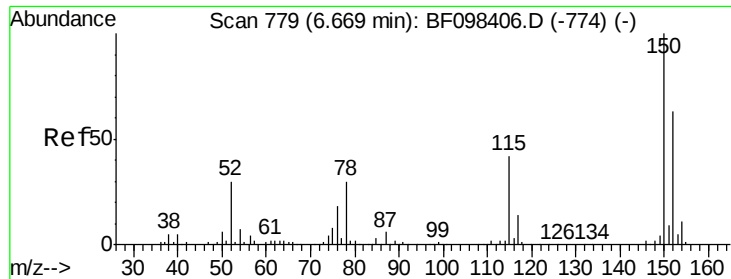
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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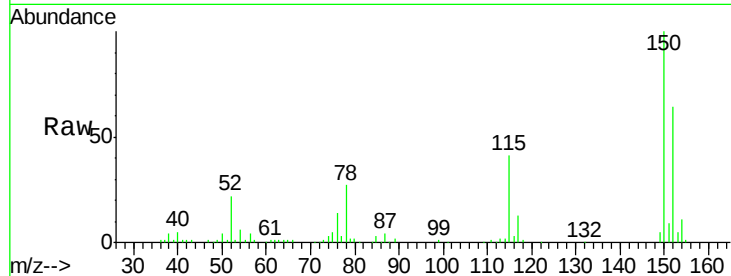


#1

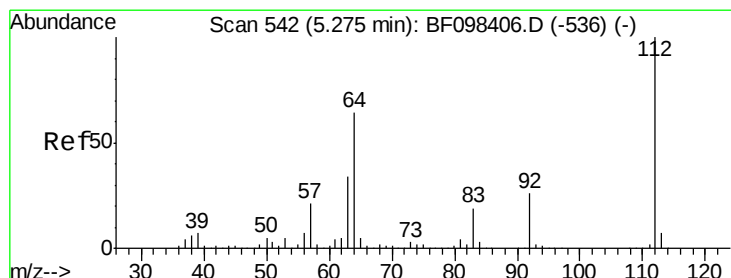
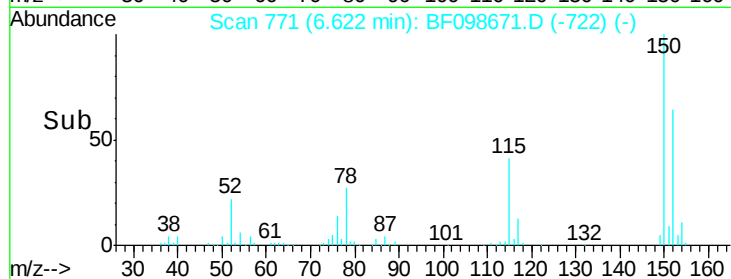
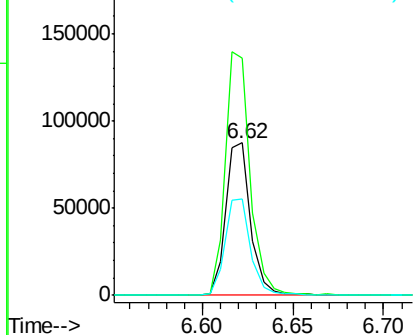
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.62 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF098671.D
Acq: 20 Sep 2017 20:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 83300
Ion Ratio Lower Upper
152 100
150 155.9 126.2 189.2
115 63.6 52.2 78.2



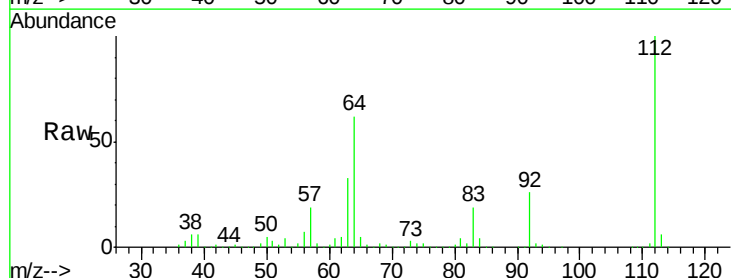
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



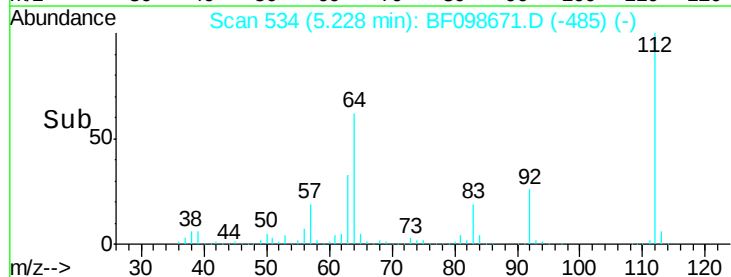
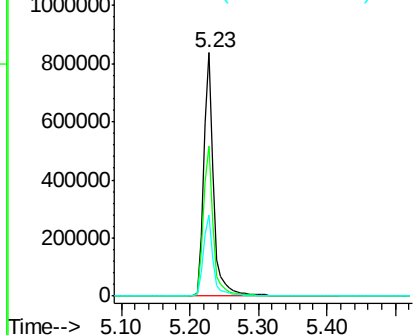
#5

2-Fluorophenol
Concen: 154.63 ng
RT: 5.23 min Scan# 534
Delta R.T. -0.01 min
Lab File: BF098671.D
Acq: 20 Sep 2017 20:24

Tgt Ion:112 Resp: 871174
Ion Ratio Lower Upper
112 100
64 61.8 46.0 69.0
63 33.2 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 136.50 ng

RT: 6.28 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF098671.D

Acq: 20 Sep 2017 20:24

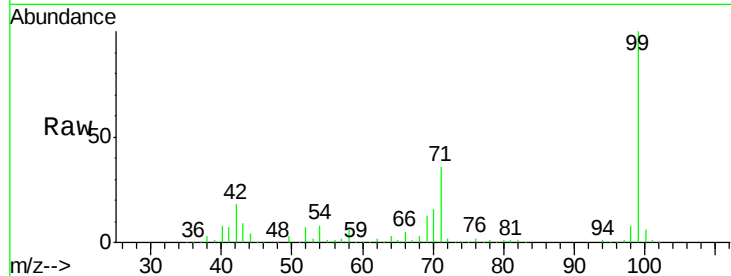
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 976454

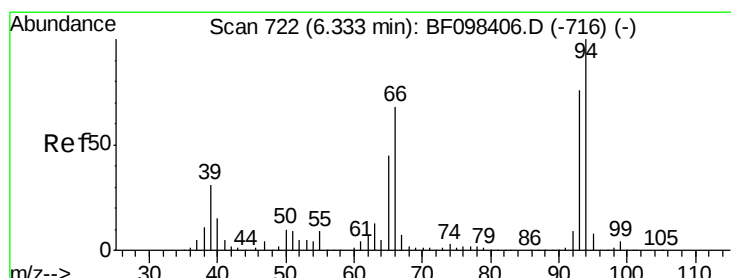
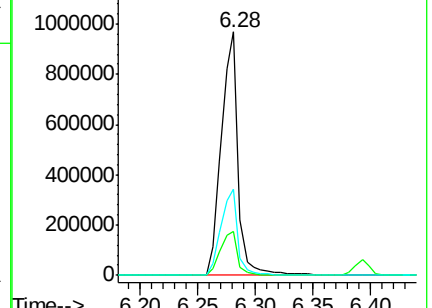
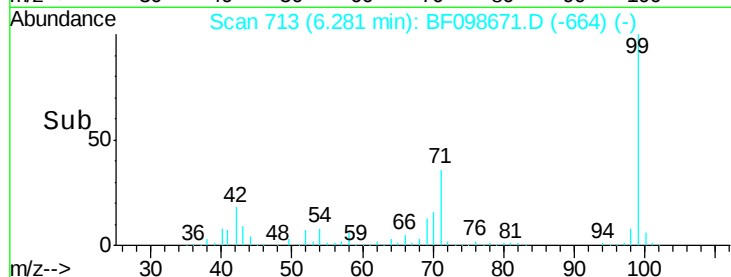
Ion	Ratio	Lower	Upper
99	100		
42	18.3	13.5	20.3
71	35.5	24.5	36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 3.87 ng

RT: 6.29 min Scan# 714

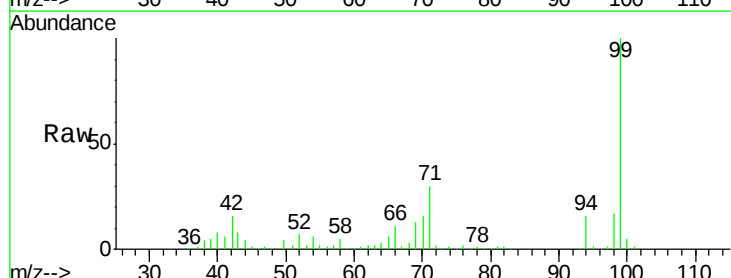
Delta R.T. -0.02 min

Lab File: BF098671.D

Acq: 20 Sep 2017 20:24

Tgt Ion: 94 Resp: 32167

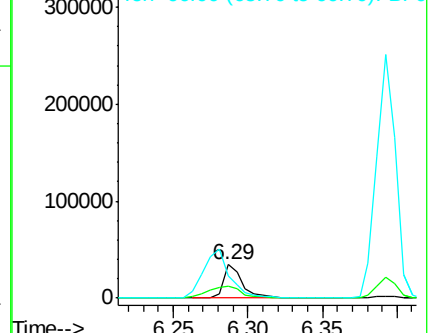
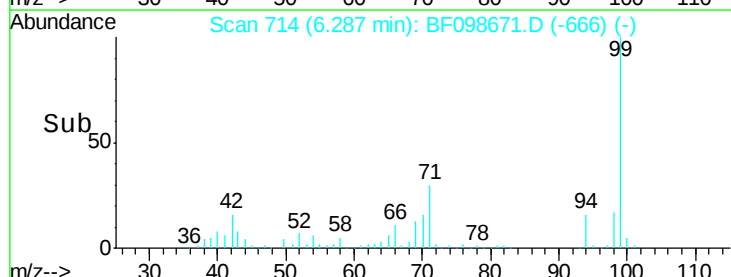
Ion	Ratio	Lower	Upper
94	100		
65	36.5	9.9	49.9
66	67.7	23.1	63.1

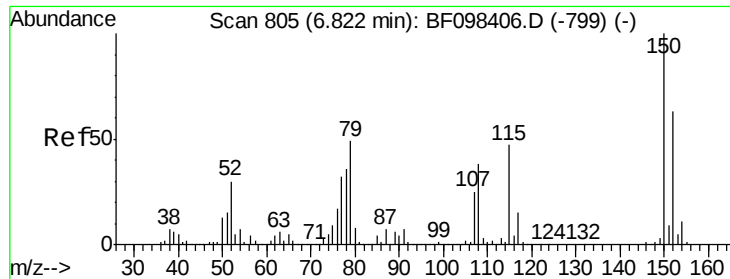


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

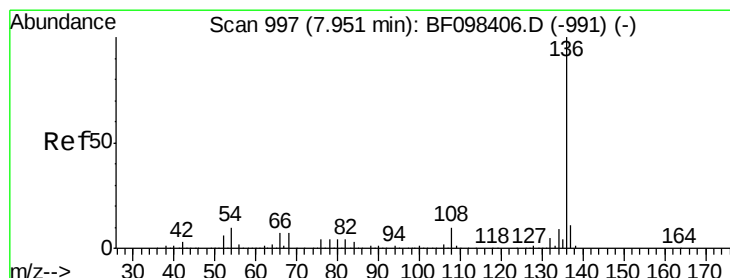
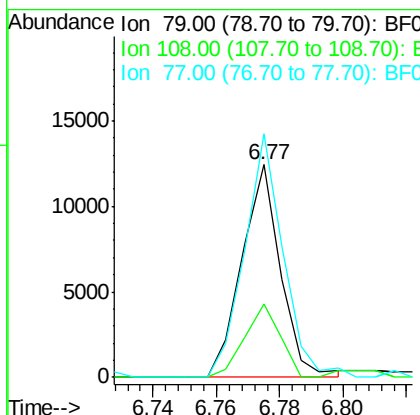
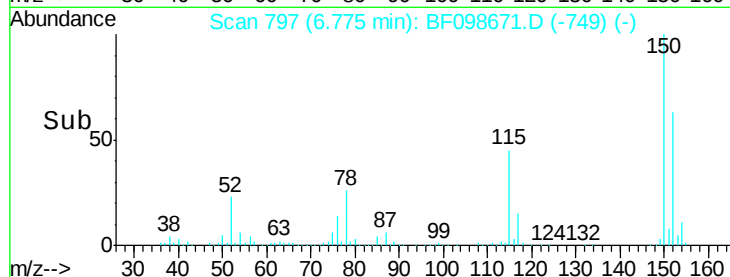
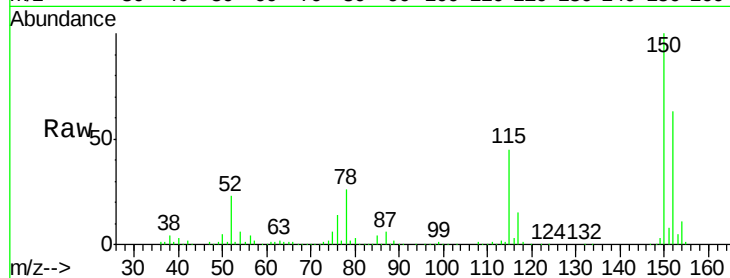




#15
Benzyl Alcohol
Concen: 2.21 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.02 min
Lab File: BF098671.D
Acq: 20 Sep 2017 20:24

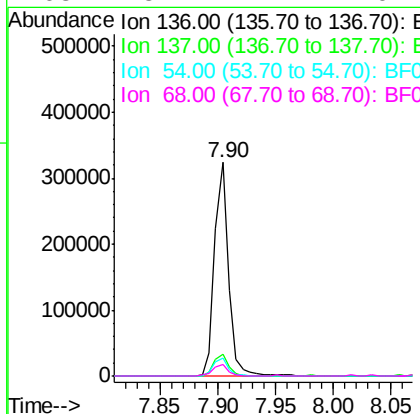
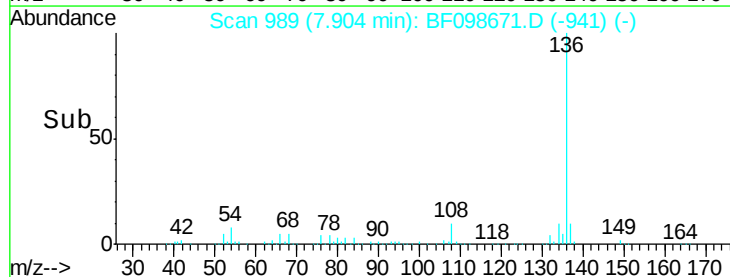
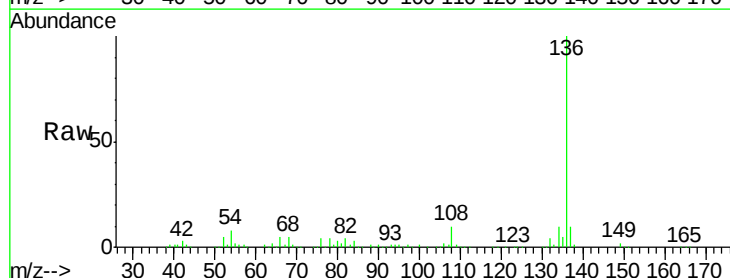
Instrument :
BNA_F
ClientSampleId :

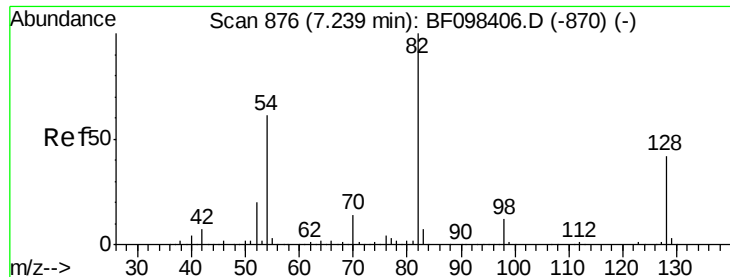
Tot Ion: 79 Resp: 10522
Ion Ratio Lower Upper
79 100
108 34.2 63.4 95.0#
77 114.4 49.2 73.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.02 min
Lab File: BF098671.D
Acq: 20 Sep 2017 20:24

Tgt Ion: 136 Resp: 271709
Ion Ratio Lower Upper
136 100
137 10.3 8.5 12.7
54 8.3 4.9 7.3#
68 5.1 4.1 6.1

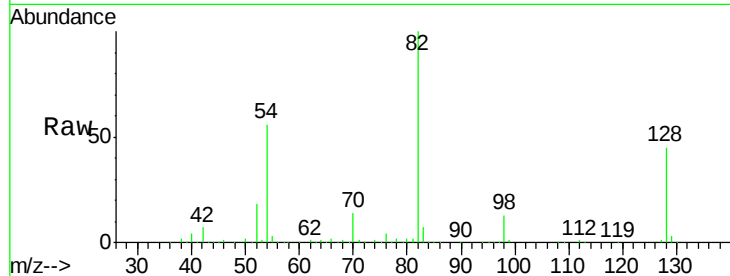




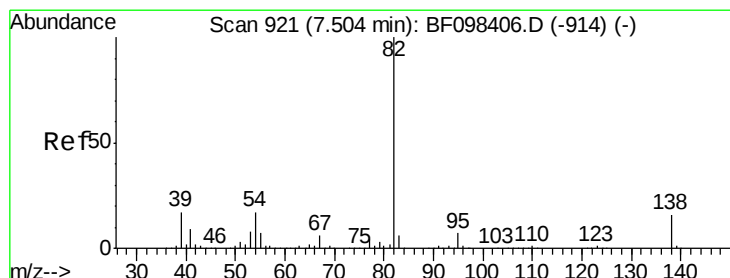
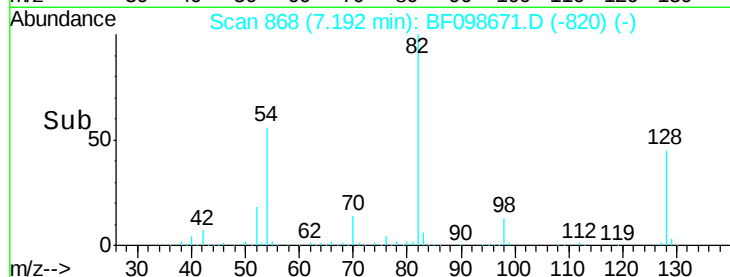
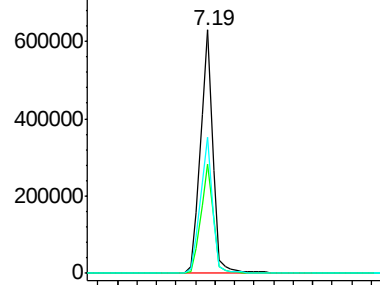
#23
 Nitrobenzene-d5
 Concen: 114.39 ng
 RT: 7.19 min Scan# 868
 Delta R.T. -0.02 min
 Lab File: BF098671.D
 Acq: 20 Sep 2017 20:24

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 557529
 Ion Ratio Lower Upper
 82 100
 128 44.9 34.0 51.0
 54 55.6 42.2 63.2

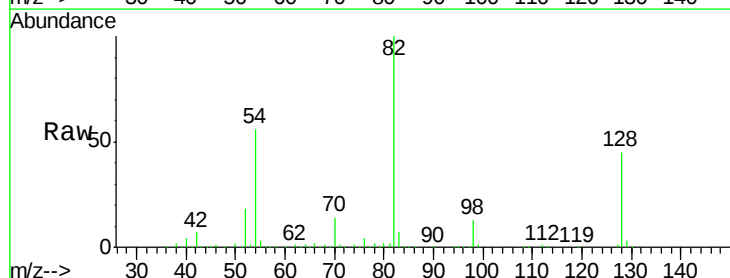


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

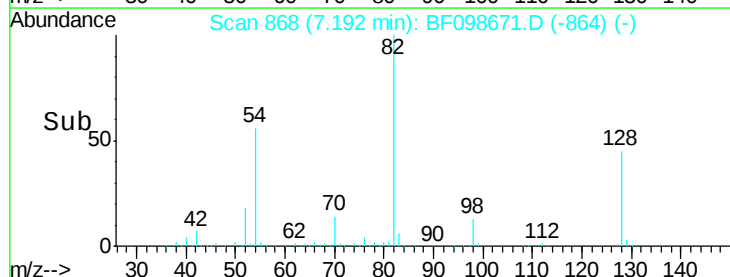
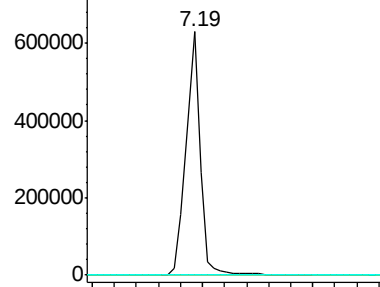


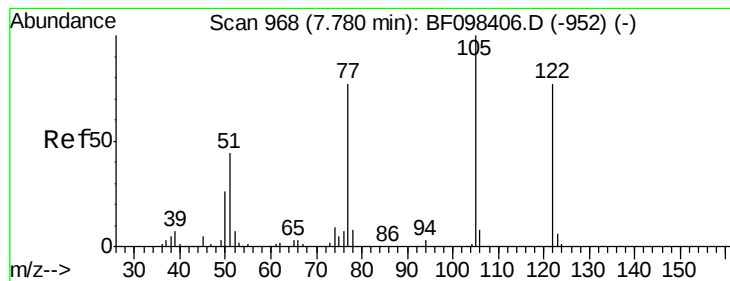
#25
 Isophorone
 Concen: 56.51 ng
 RT: 7.19 min Scan# 868
 Delta R.T. -0.28 min
 Lab File: BF098671.D
 Acq: 20 Sep 2017 20:24

Tgt Ion: 82 Resp: 557273
 Ion Ratio Lower Upper
 82 100
 95 0.1 5.3 7.9#
 138 0.0 13.1 19.7#



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





#32

Benzoic acid

Concen: 8.01 ng

RT: 7.79 min Scan# 969

Delta R.T. 0.04 min

Lab File: BF098671.D

Acq: 20 Sep 2017 20:24

Instrument :

BNA_F

ClientSampled :

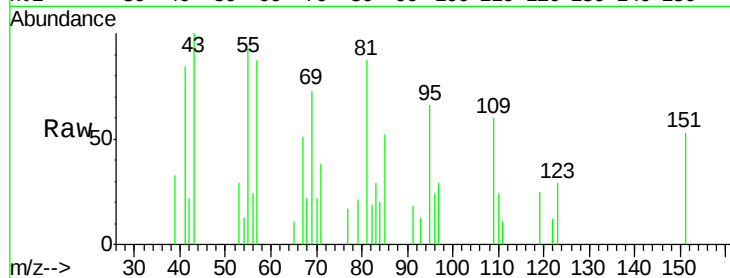
Tot Ion:122 Resp: 135

Ion Ratio Lower Upper

122 100

105 0.0 103.3 143.3#

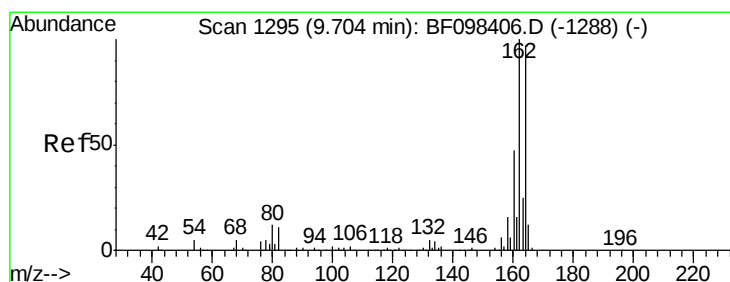
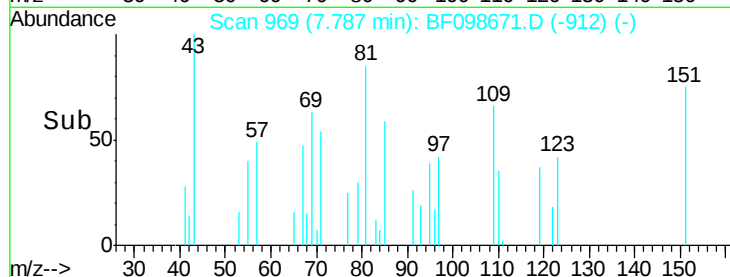
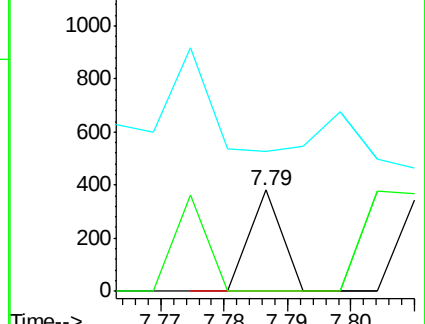
77 138.0 73.7 113.7#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.02 min

Lab File: BF098671.D

Acq: 20 Sep 2017 20:24

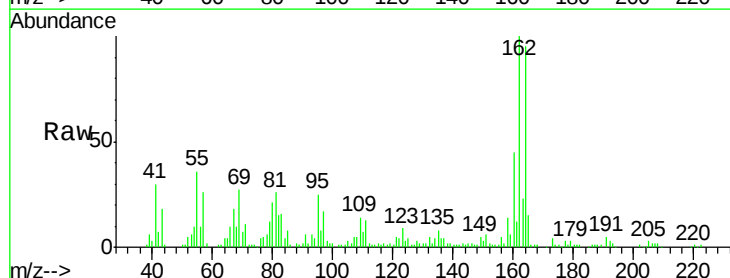
Tgt Ion:164 Resp: 106811

Ion Ratio Lower Upper

164 100

162 104.9 82.6 123.8

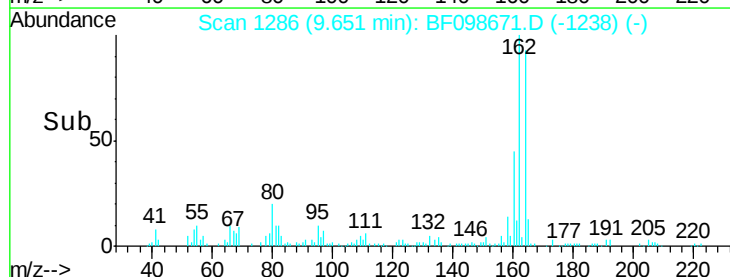
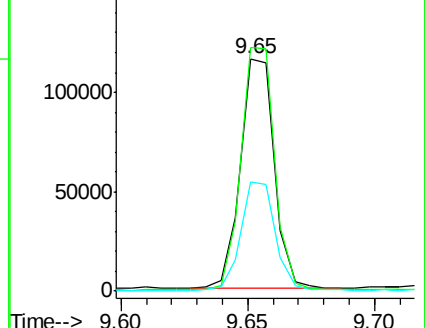
160 46.8 36.2 54.2

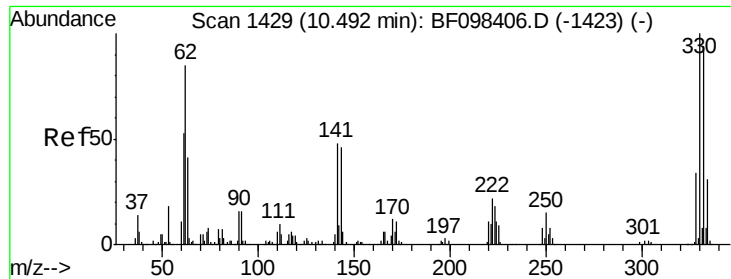


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

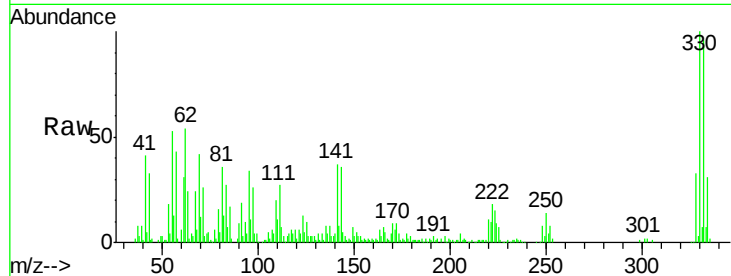




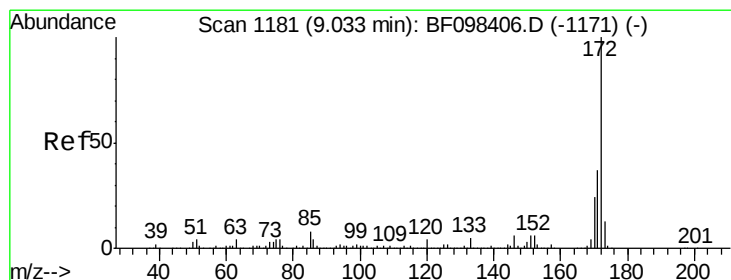
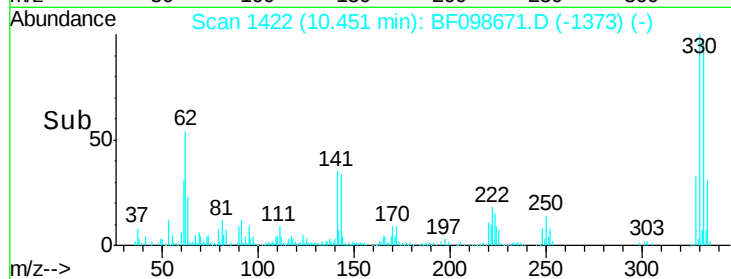
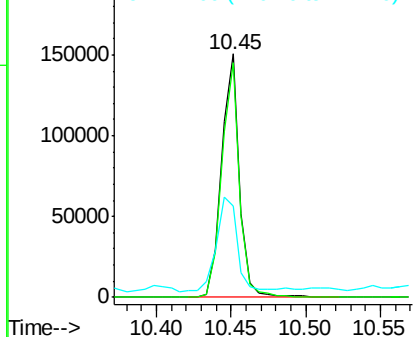
#41
 2,4,6-Tribromophenol
 Concen: 178.70 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.01 min
 Lab File: BF098671.D
 Acq: 20 Sep 2017 20:24

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.6	115.0
141	44.1	31.4	47.2

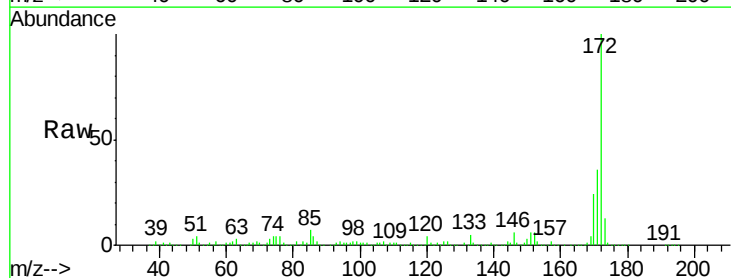


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

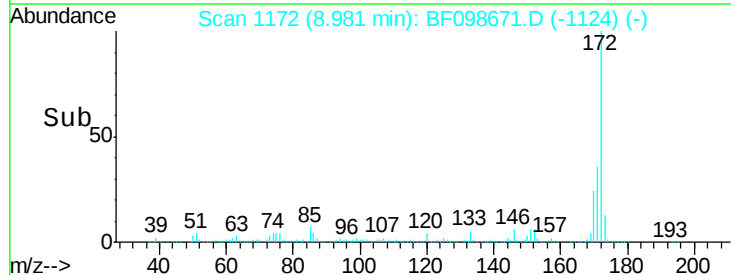
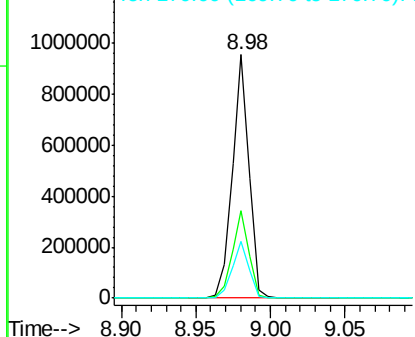


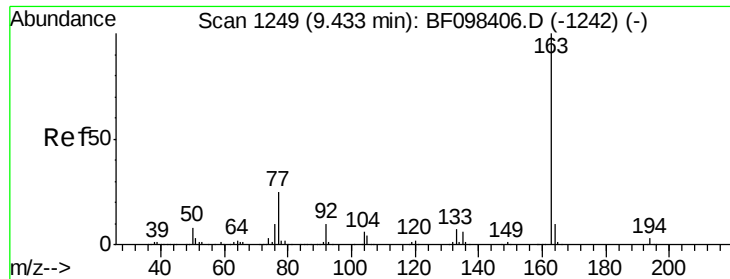
#44
 2-Fluorobiphenyl
 Concen: 120.24 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. -0.02 min
 Lab File: BF098671.D
 Acq: 20 Sep 2017 20:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	23.5	19.8	29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

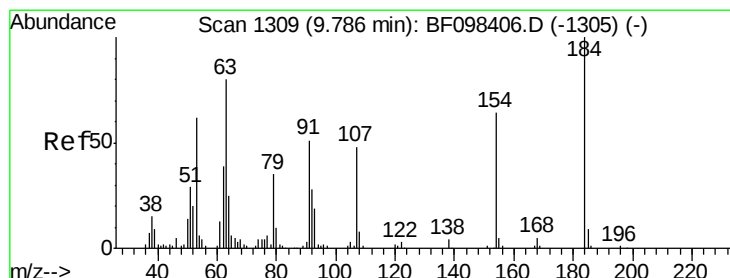
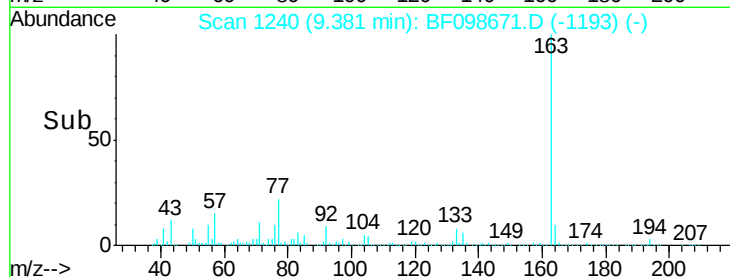
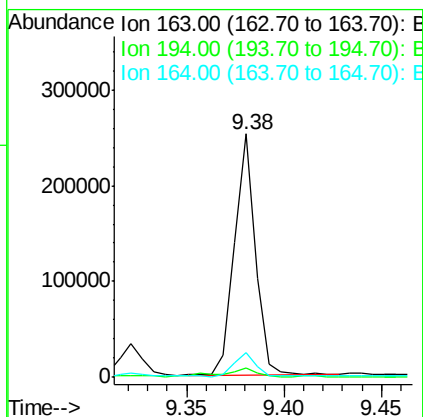
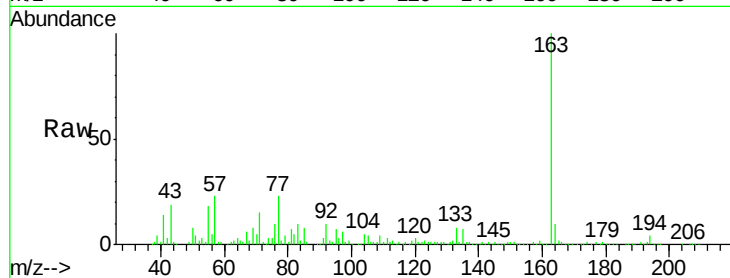




#49
Dimethylphthalate
Concen: 22.77 ng
RT: 9.38 min Scan# 1240
Delta R.T. -0.02 min
Lab File: BF098671.D
Acq: 20 Sep 2017 20:24

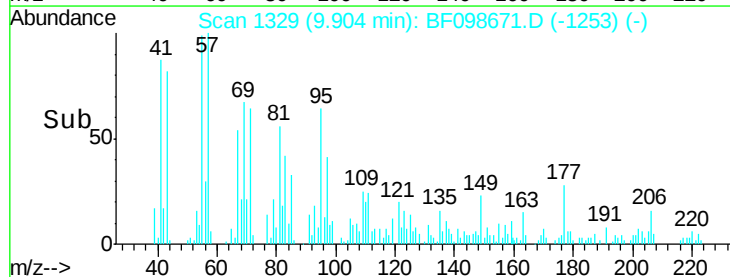
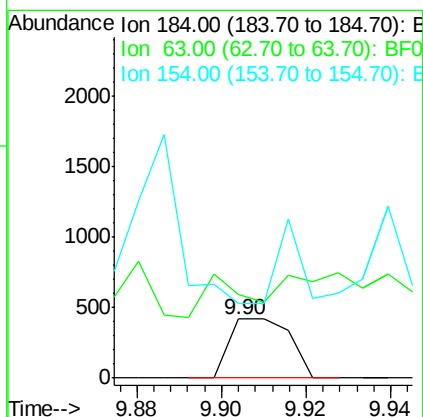
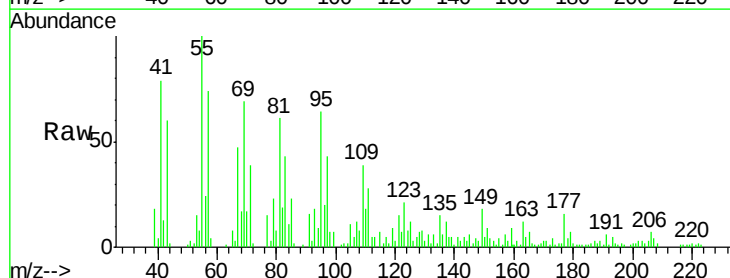
Instrument :
BNA_F
ClientSampleId :

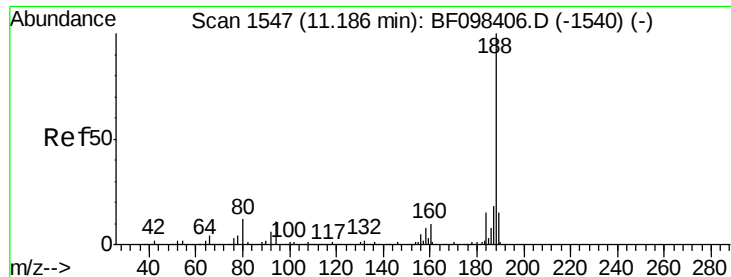
Tot Ion:163 Resp: 188282
Ion Ratio Lower Upper
163 100
194 3.8 2.6 4.0
164 9.9 8.4 12.6



#53
2,4-Dinitrophenol
Concen: 8.99 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.15 min
Lab File: BF098671.D
Acq: 20 Sep 2017 20:24

Tgt Ion:184 Resp: 416
Ion Ratio Lower Upper
184 100
63 142.2 62.7 94.1#
154 127.0 81.1 121.7#

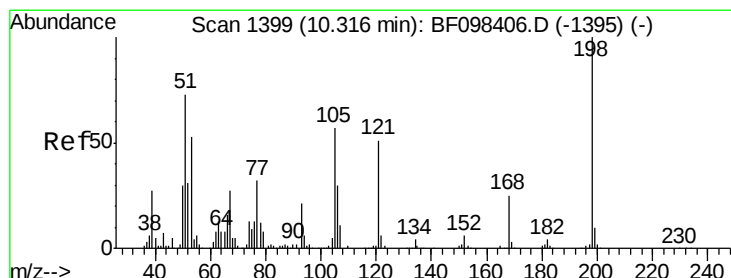
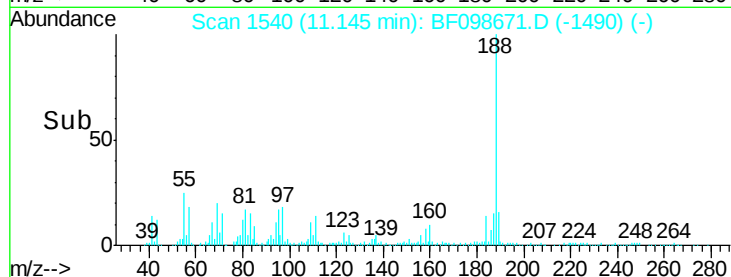
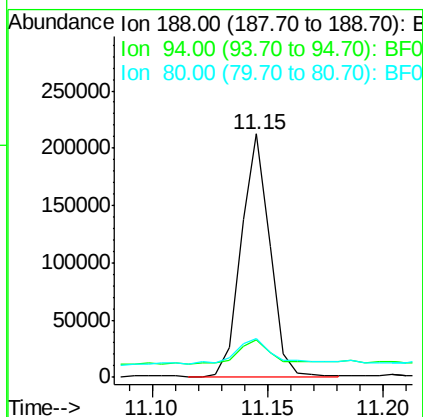
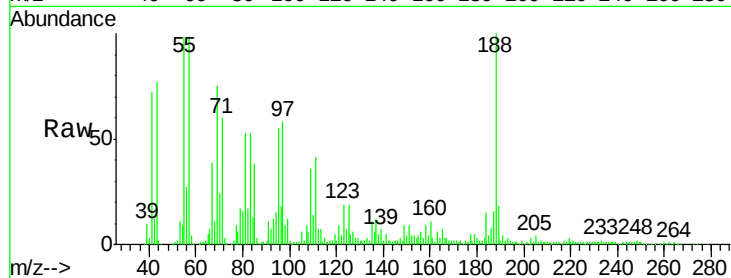




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BF098671.D
Acq: 20 Sep 2017 20:24

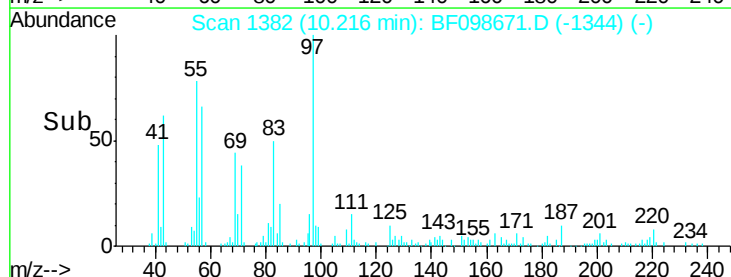
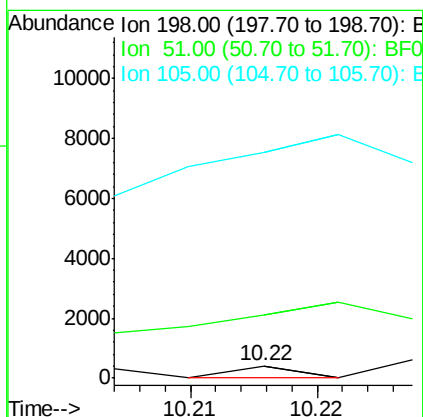
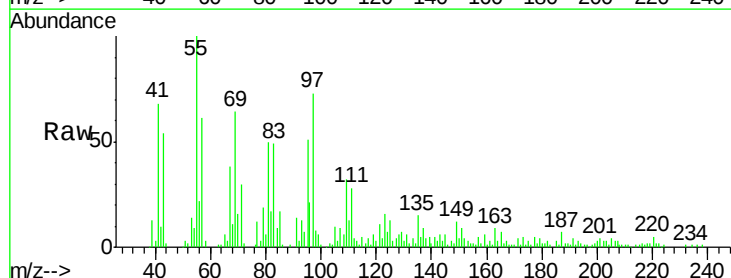
Instrument :
BNA_F
ClientSampled :

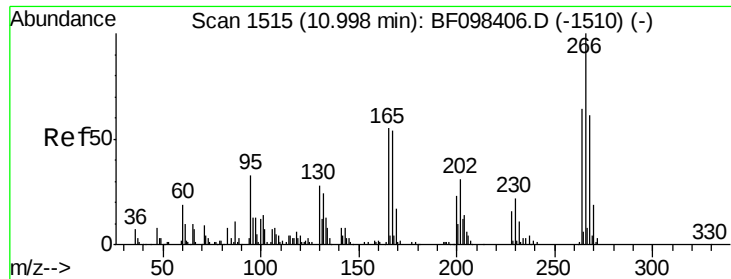
Tot Ion:188 Resp: 181125
Ion Ratio Lower Upper
188 100
94 15.3 9.4 14.2#
80 15.9 10.2 15.2#



#64
4,6-Dinitro-2-methylphenol
Concen: 5.08 ng
RT: 10.22 min Scan# 1382
Delta R.T. -0.08 min
Lab File: BF098671.D
Acq: 20 Sep 2017 20:24

Tgt Ion:198 Resp: 141
Ion Ratio Lower Upper
198 100
51 528.3 53.2 93.2#
105 1889.2 45.8 85.8#

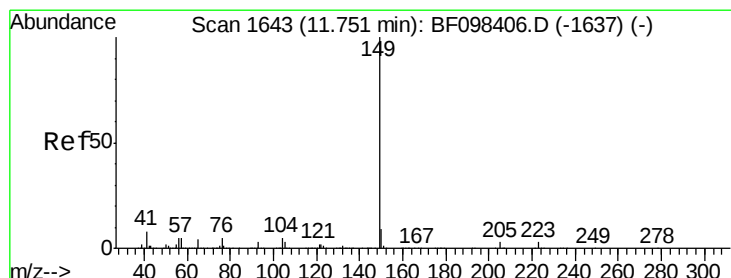
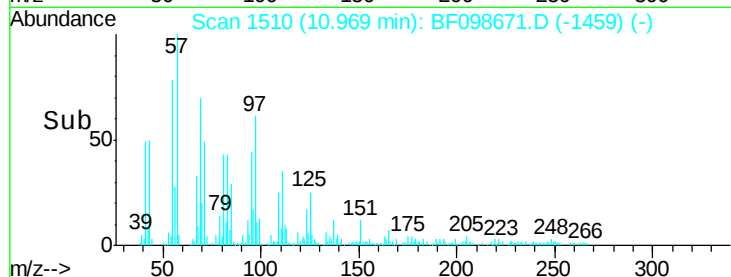
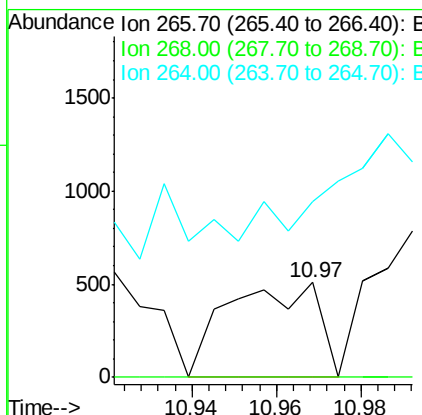
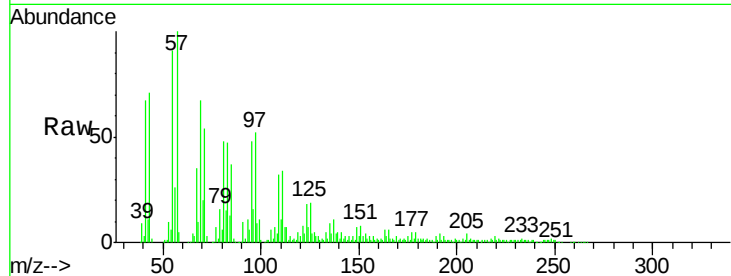




#69
 Pentachlorophenol
 Concen: 7.83 ng
 RT: 10.97 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: BF098671.D
 Acq: 20 Sep 2017 20:24

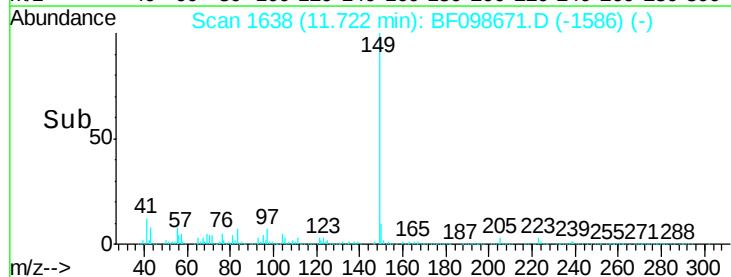
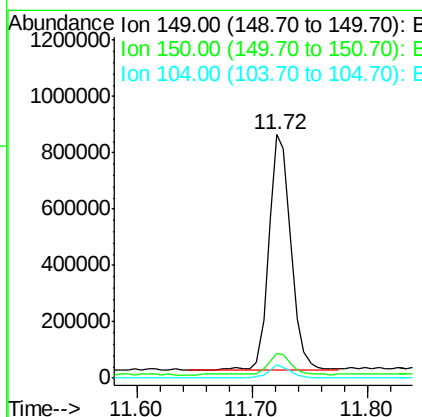
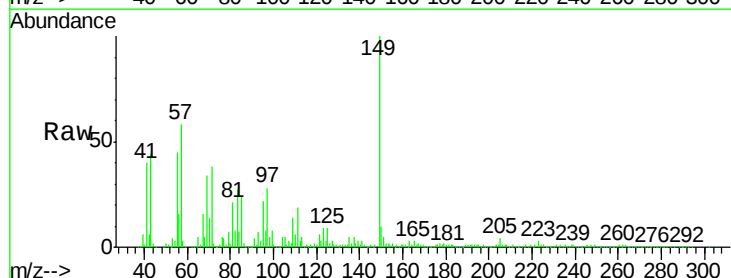
Instrument :
 BNA_F
 ClientSampled :

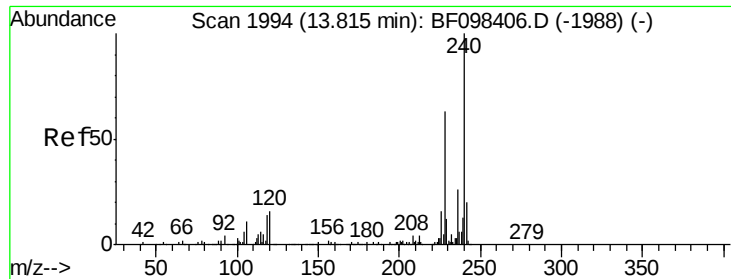
Tot Ion	Ratio	Lower	Upper
266	100		
268	0.0	51.1	76.7#
264	185.1	51.7	77.5#



#73
 Di-n-butylphthalate
 Concen: 101.32 ng
 RT: 11.72 min Scan# 1638
 Delta R.T. 0.01 min
 Lab File: BF098671.D
 Acq: 20 Sep 2017 20:24

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.3	7.7	11.5
104	5.3	4.0	6.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.85 min Scan# 2000

Delta R.T. 0.06 min

Lab File: BF098671.D

Acq: 20 Sep 2017 20:24

Instrument :

BNA_F

ClientSampleId :

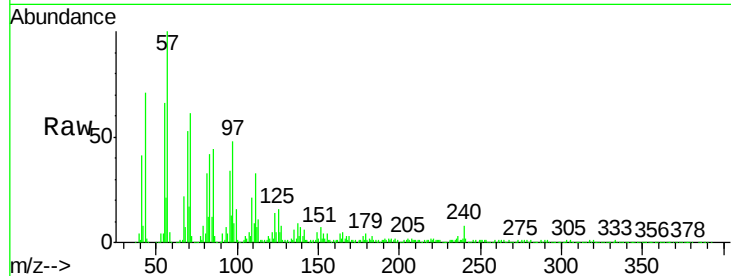
Tot Ion:240 Resp: 101151

Ion Ratio Lower Upper

240 100

120 25.6 5.8 8.8#

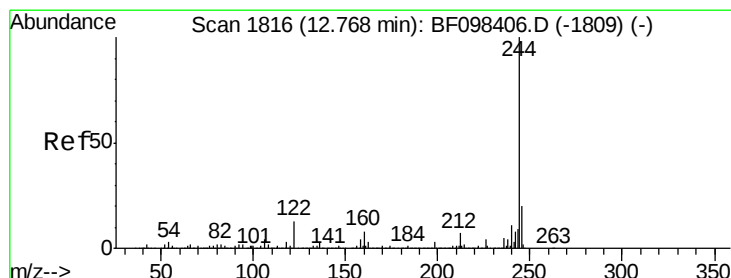
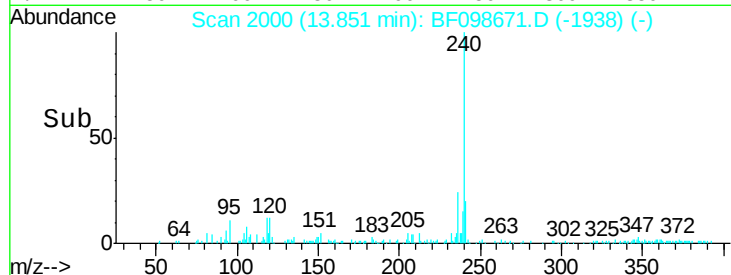
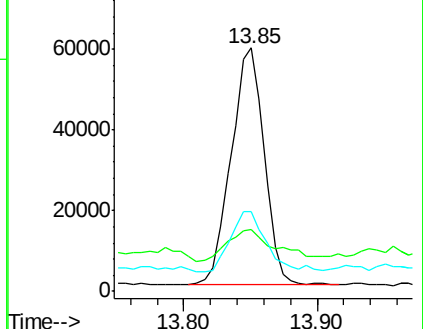
236 32.7 20.5 30.7#



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 99.06 ng

RT: 12.77 min Scan# 1816

Delta R.T. 0.04 min

Lab File: BF098671.D

Acq: 20 Sep 2017 20:24

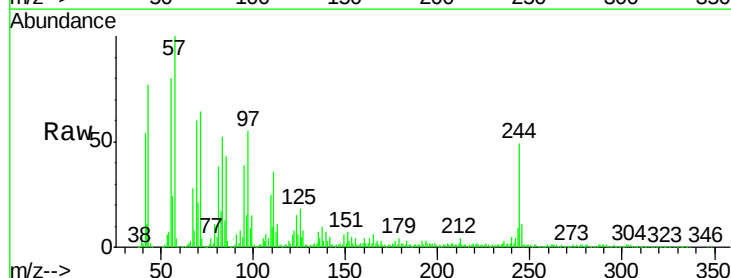
Tgt Ion:244 Resp: 464223

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

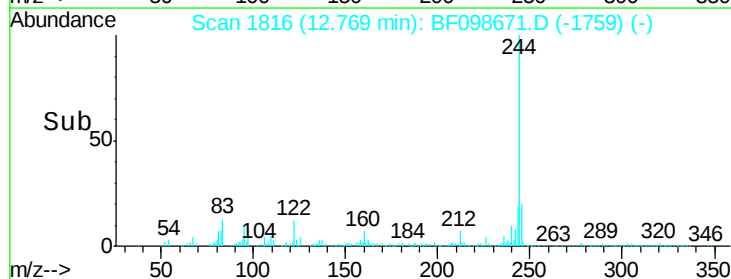
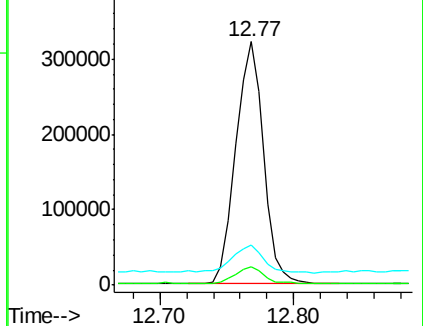
122 16.3 10.3 15.5#

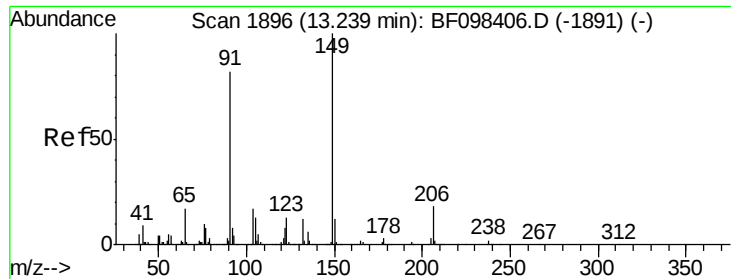


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

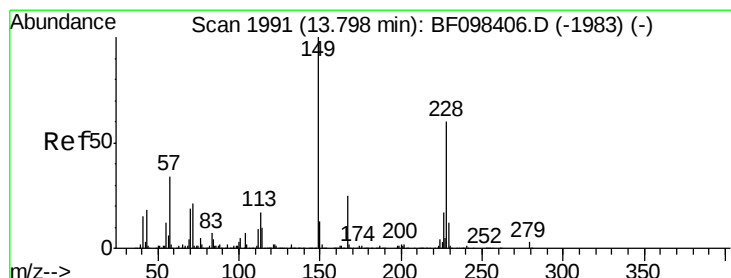
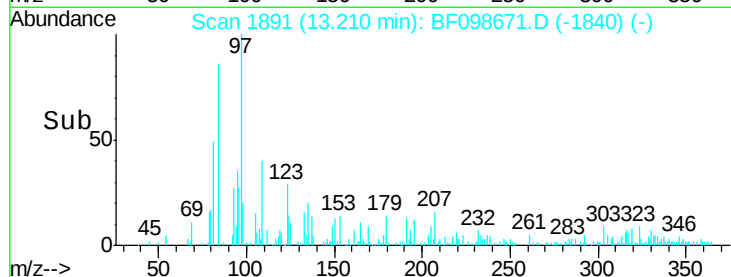
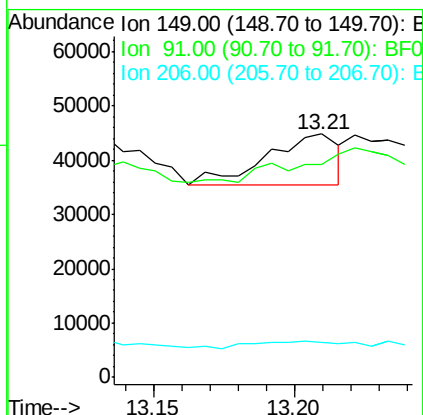
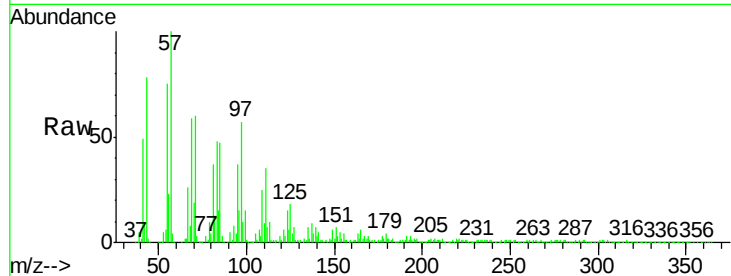




#79
 Butylbenzylphthalate
 Concen: 4.76 ng
 RT: 13.21 min Scan# 1891
 Delta R.T. -0.00 min
 Lab File: BF098671.D
 Acq: 20 Sep 2017 20:24

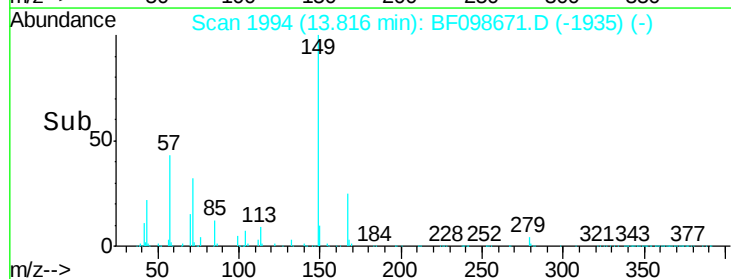
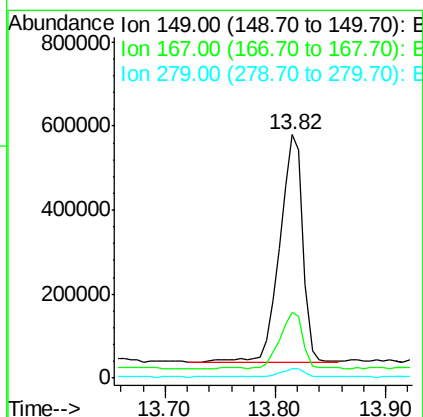
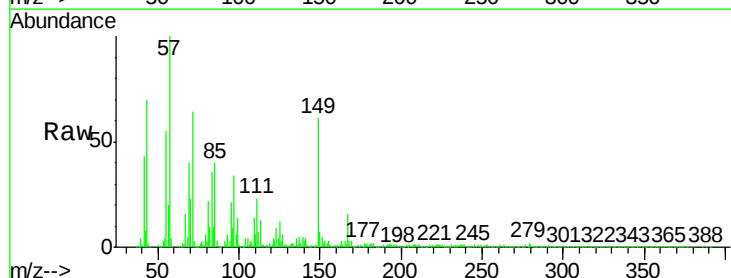
Instrument :
 BNA_F
 ClientSampled :

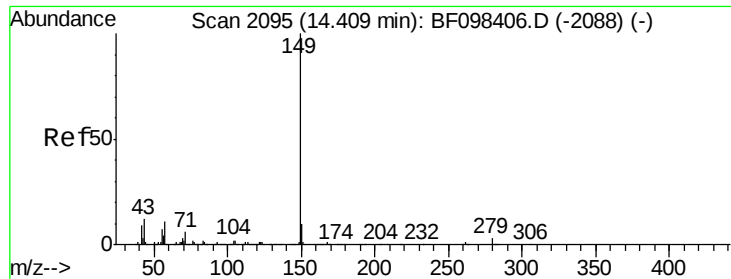
Tot Ion:149 Resp: 16478
 Ion Ratio Lower Upper
 149 100
 91 87.5 45.0 67.4#
 206 14.3 17.0 25.6#



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 181.65 ng
 RT: 13.82 min Scan# 1994
 Delta R.T. 0.05 min
 Lab File: BF098671.D
 Acq: 20 Sep 2017 20:24

Tgt Ion:149 Resp: 789190
 Ion Ratio Lower Upper
 149 100
 167 27.0 21.0 31.4
 279 3.9 1.9 2.9#

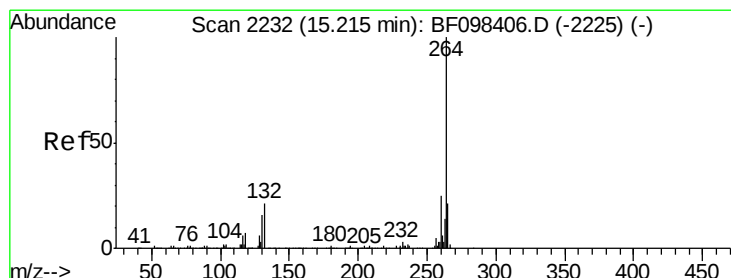
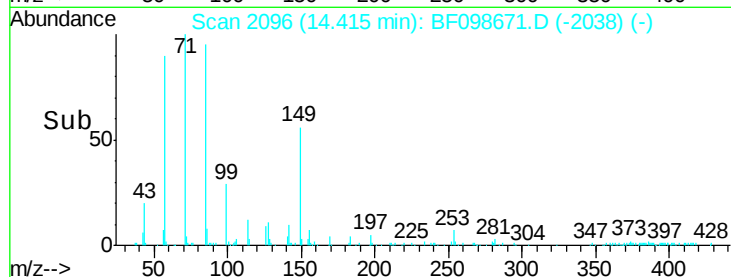
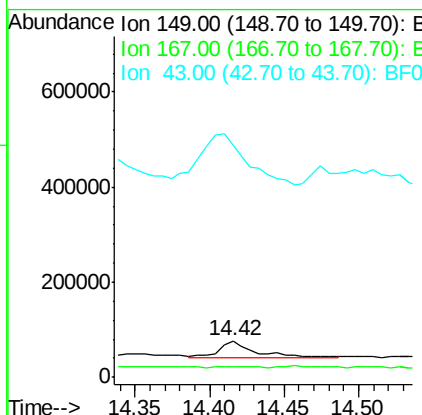
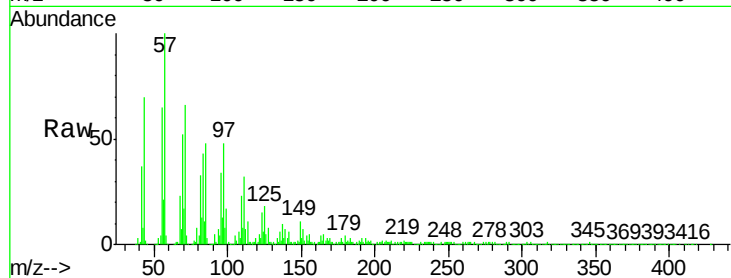




#84
Di-n-octyl phthalate
Concen: 8.40 ng
RT: 14.42 min Scan# 2096
Delta R.T. 0.04 min
Lab File: BF098671.D
Acq: 20 Sep 2017 20:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 62646
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 365.1 8.5 12.7#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.23 min Scan# 2235
Delta R.T. 0.06 min
Lab File: BF098671.D
Acq: 20 Sep 2017 20:24

Tgt Ion:264 Resp: 134409
Ion Ratio Lower Upper
264 100
260 23.2 19.5 29.3
265 22.6 17.2 25.8

