

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012319\
 Data File : BF112199.D
 Acq On : 23 Jan 2019 14:02
 Operator : JU/SJ
 Sample : K1220-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 23 15:16:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 19 01:02:12 2019
 Response via : Initial Calibration

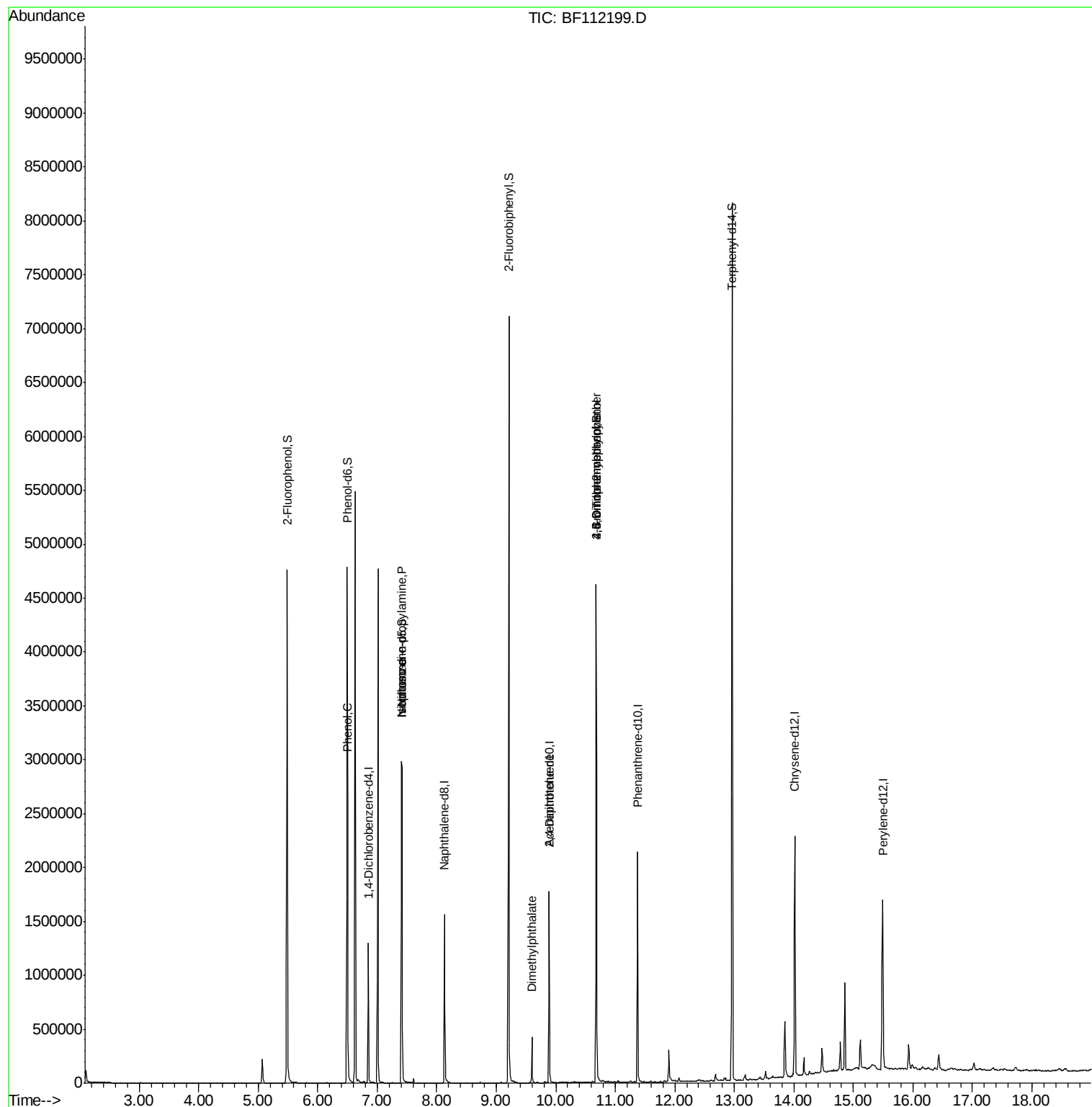
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	184517	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	702938	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	356693	20.00	ng	-0.01
64) Phenanthrene-d10	11.37	188	744001	20.00	ng	-0.01
76) Chrysene-d12	14.02	240	735657	20.00	ng	-0.01
87) Perylene-d12	15.49	264	670125	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1335236	131.34	ng	0.00
7) Phenol-d6	6.50	99	1716555	134.96	ng	0.00
23) Nitrobenzene-d5	7.41	82	1087240	106.86	ng	-0.02
42) 2,4,6-Tribromophenol	10.68	330	612167	159.09	ng	-0.01
45) 2-Fluorobiphenyl	9.21	172	2194209	90.19	ng	0.00
79) Terphenyl-d14	12.96	244	2800968	81.00	ng	0.00
Target Compounds						
9) Benzaldehyde	6.50	77	3241	Below Cal	Qvalue	# 1
10) Phenol	6.51	94	30875	2.221 ng		79
19) n-Nitroso-di-n-propylamine	7.41	70	147726	19.065 ng	#	75
25) Isophorone	7.41	82	1081710	55.043 ng	#	64
50) Dimethylphthalate	9.60	163	169144	6.502 ng		100
57) 2,4-Dinitrotoluene	9.89	165	44924	10.675 ng	#	31
65) 4,6-Dinitro-2-methylphenol	10.68	198	1498	10.451 ng	#	1
67) 4-Bromophenyl-phenylether	10.68	248	35540	4.113 ng	#	1

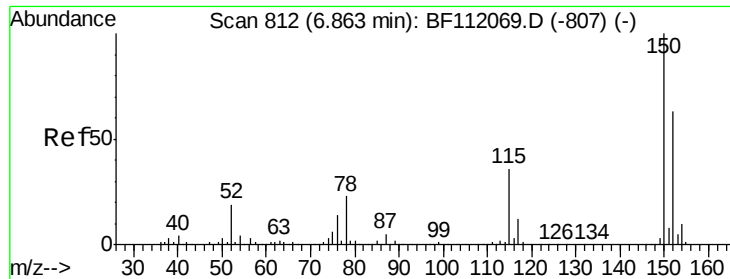
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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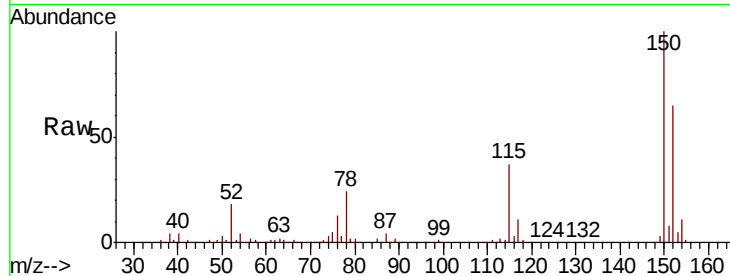


#1

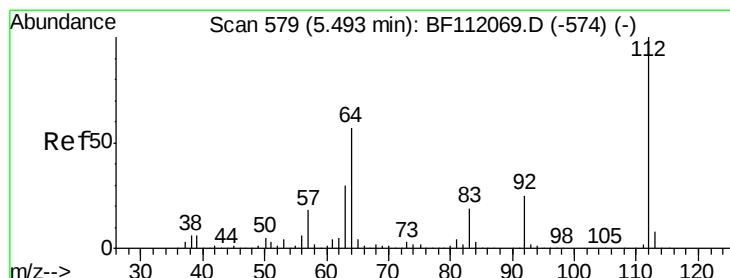
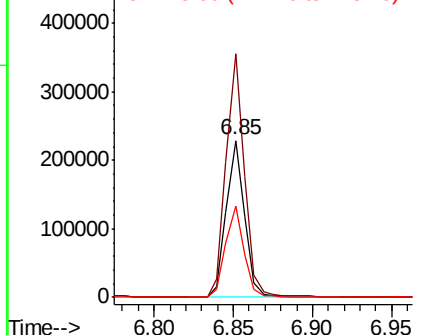
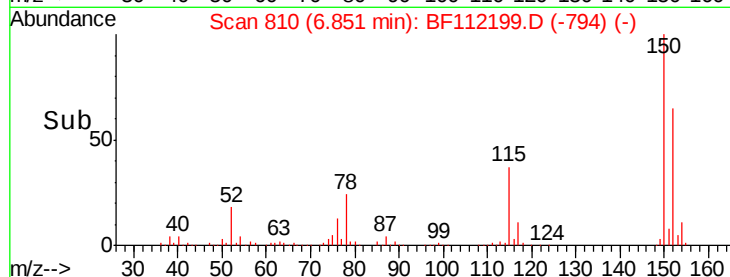
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF112199.D
Acq: 23 Jan 2019 14:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 184517
Ion Ratio Lower Upper
152 100
150 154.9 127.4 191.0
115 58.0 45.5 68.3



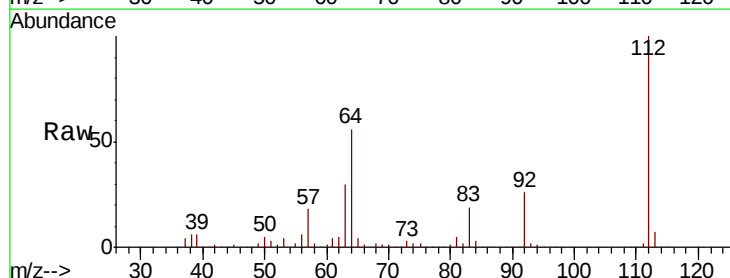
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



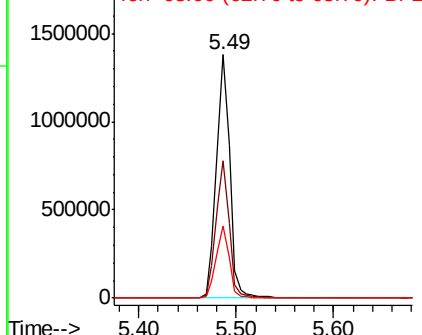
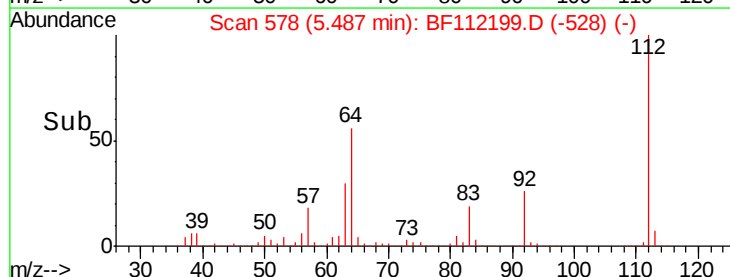
#5

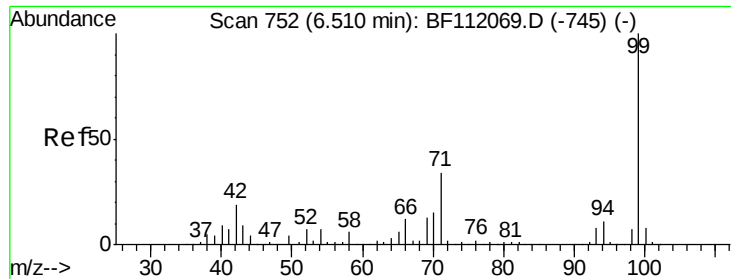
2-Fluorophenol
Concen: 131.343 ng
RT: 5.49 min Scan# 578
Delta R.T. -0.01 min
Lab File: BF112199.D
Acq: 23 Jan 2019 14:02

Tgt Ion:112 Resp: 1335236
Ion Ratio Lower Upper
112 100
64 56.5 45.7 68.5
63 29.9 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 134.957 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112199.D

Acq: 23 Jan 2019 14:02

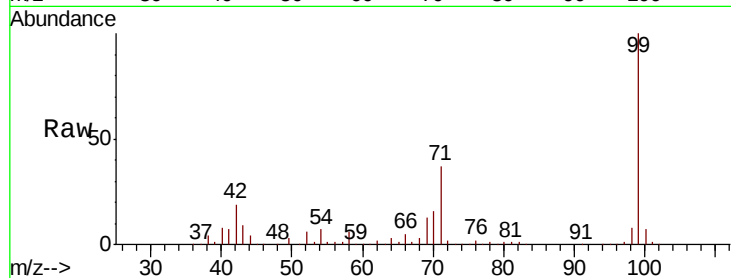
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1716555

Ion	Ratio	Lower	Upper
99	100		
42	19.0	15.1	22.7
71	36.9	26.9	40.3

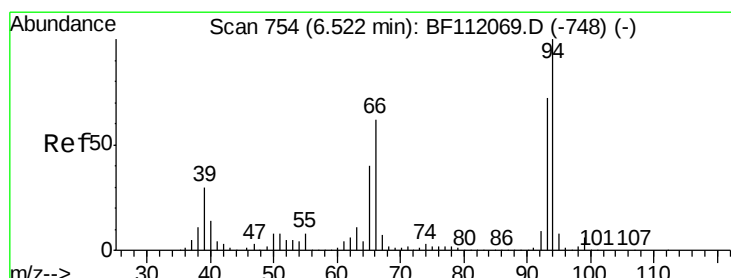
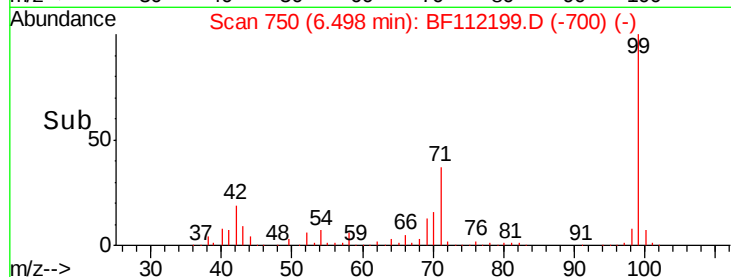
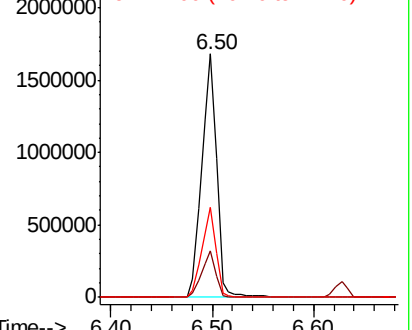


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 2.221 ng

RT: 6.51 min Scan# 752

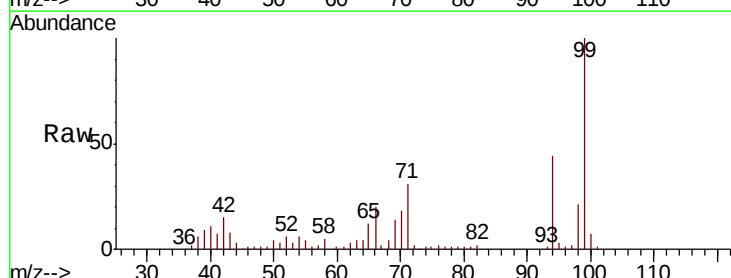
Delta R.T. -0.01 min

Lab File: BF112199.D

Acq: 23 Jan 2019 14:02

Tgt Ion: 94 Resp: 30875

Ion	Ratio	Lower	Upper
94	100		
65	28.1	20.3	60.3
66	45.1	42.4	82.4

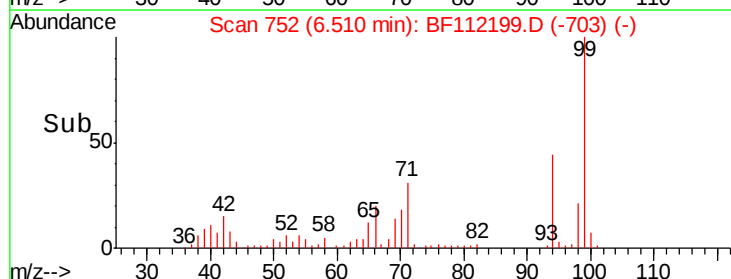
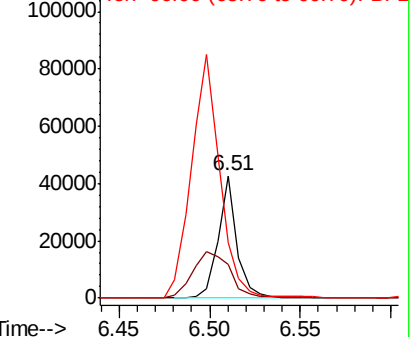


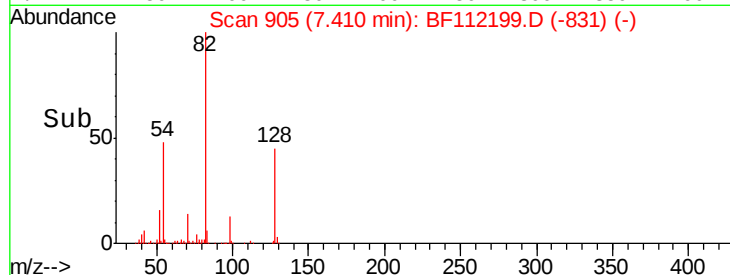
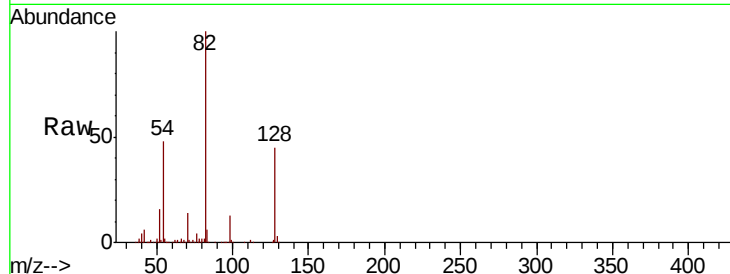
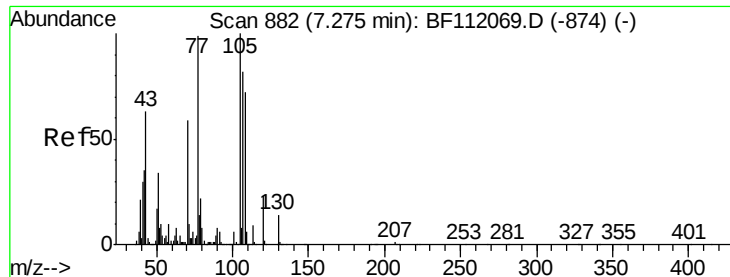
Abundance

Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

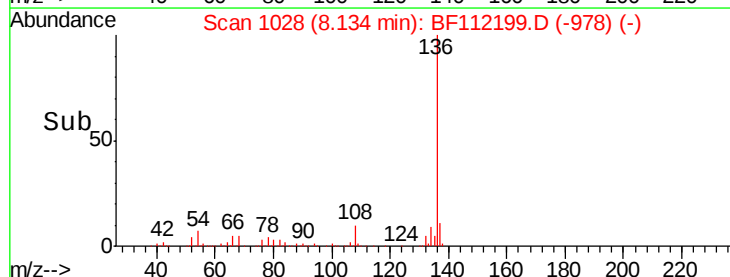
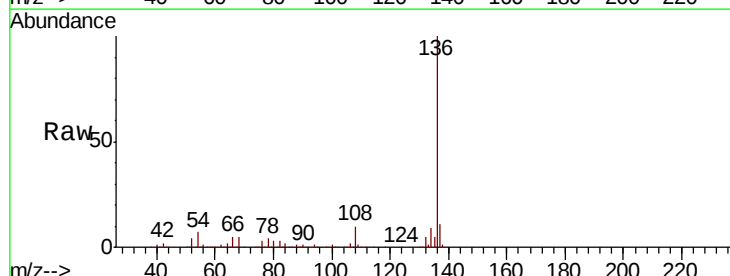
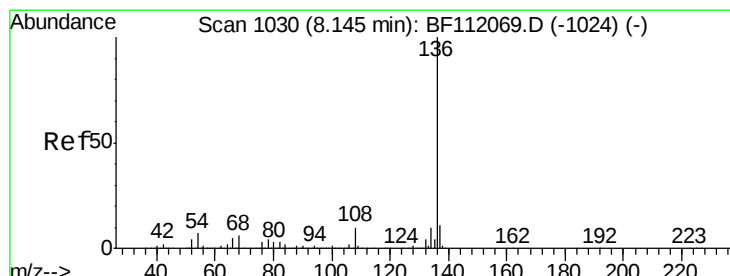
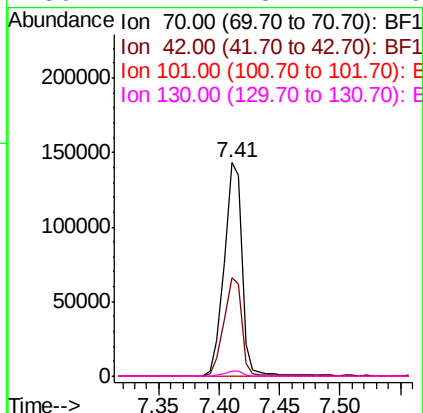




#19
n-Nitroso-di-n-propylamine
Concen: 19.065 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.14 min
Lab File: BF112199.D
Acq: 23 Jan 2019 14:02

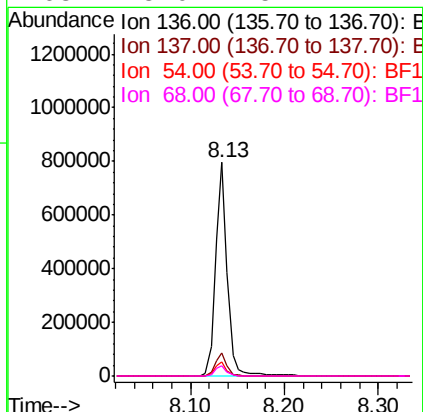
Instrument :
BNA_F
ClientSampleId :

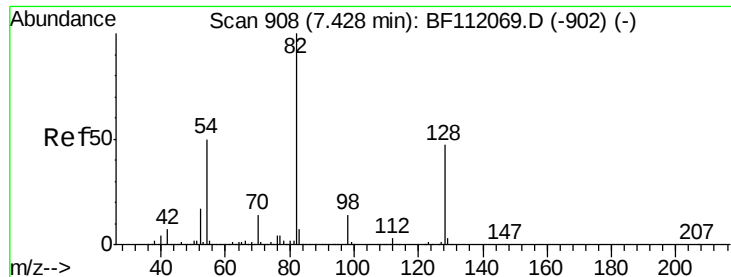
Tot Ion: 70 Resp: 147726
Ion Ratio Lower Upper
70 100
42 46.1 47.6 71.4#
101 0.0 7.9 11.9#
130 2.2 18.4 27.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF112199.D
Acq: 23 Jan 2019 14:02

Tgt Ion: 136 Resp: 702938
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 6.5 5.9 8.9
68 5.0 5.1 7.7#

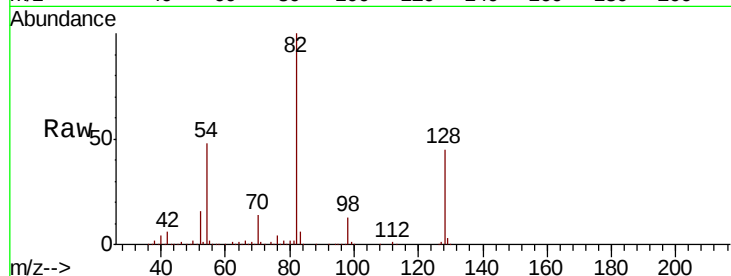




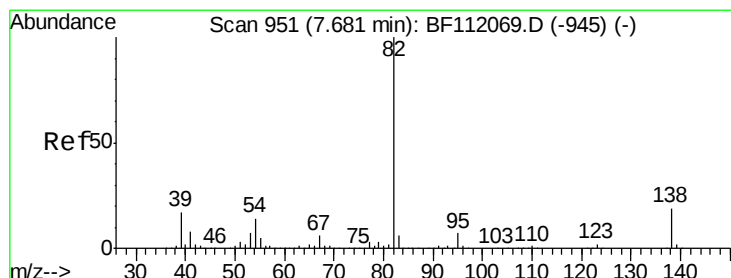
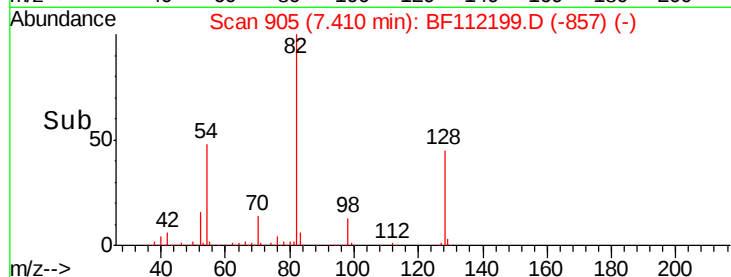
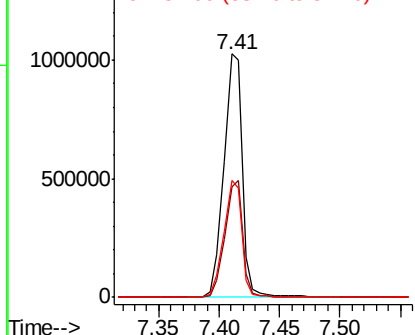
#23
Nitrobenzene-d5
Concen: 106.860 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.02 min
Lab File: BF112199.D
Acq: 23 Jan 2019 14:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1087240
Ion Ratio Lower Upper
82 100
128 45.2 37.8 56.8
54 48.2 39.7 59.5

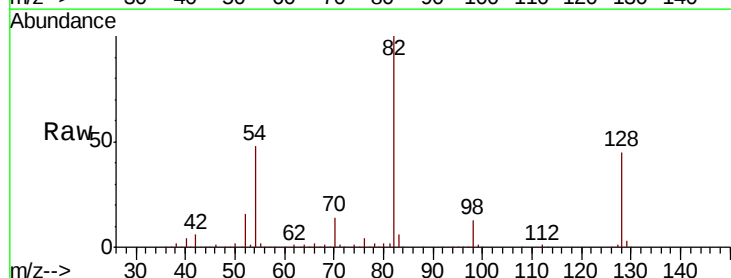


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

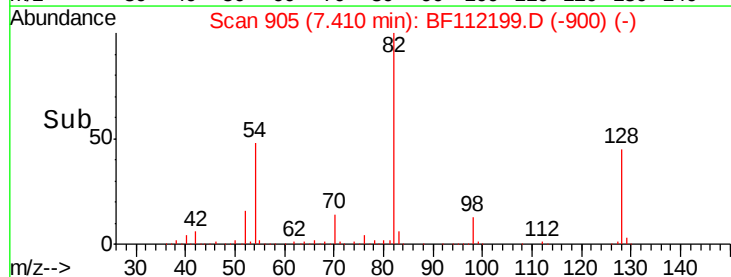
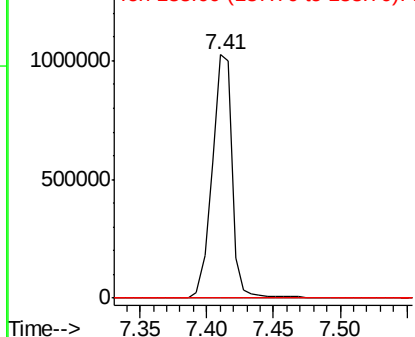


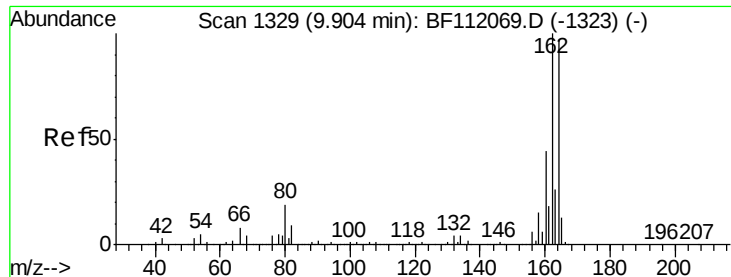
#25
Isophorone
Concen: 55.043 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.27 min
Lab File: BF112199.D
Acq: 23 Jan 2019 14:02

Tgt Ion: 82 Resp: 1081710
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 15.4 23.0#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

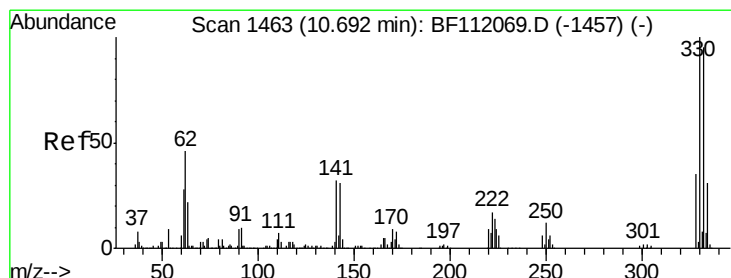
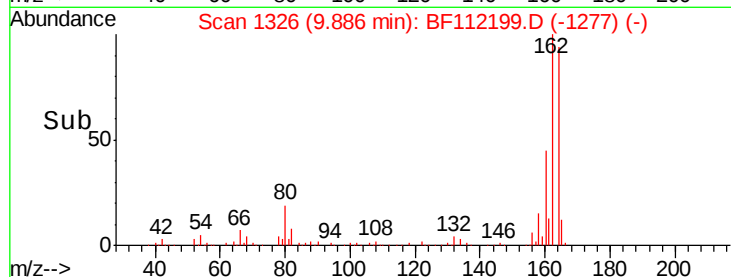
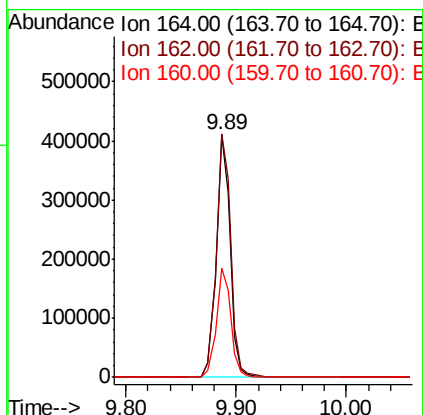
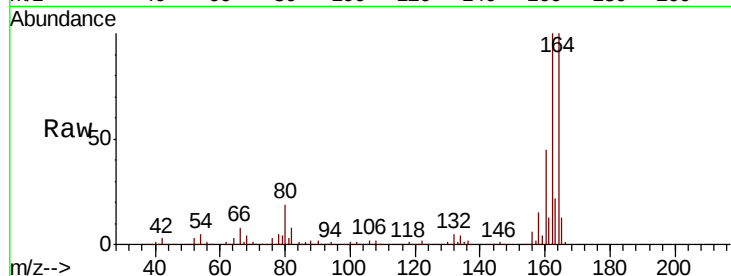




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF112199.D
Acq: 23 Jan 2019 14:02

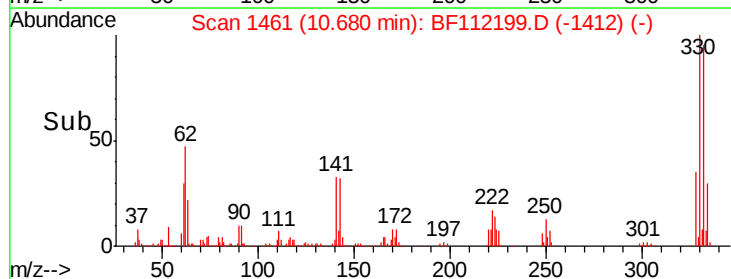
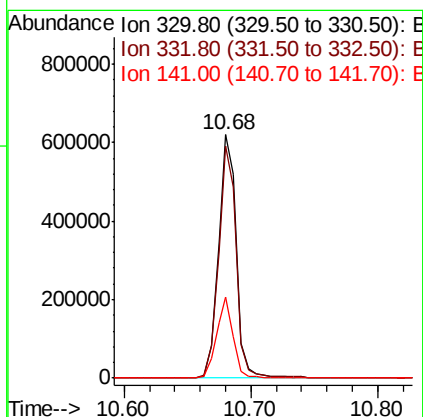
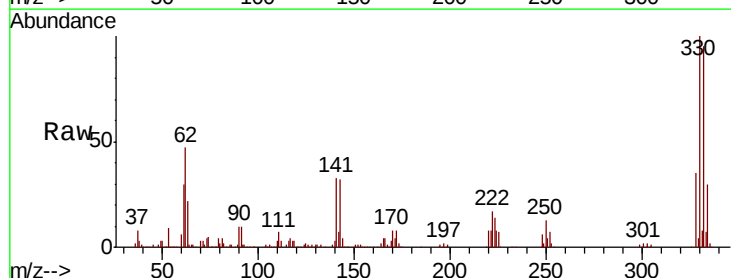
Instrument :
BNA_F
ClientSampleId :

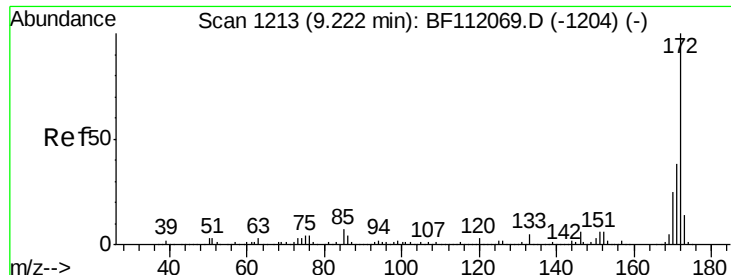
Tot Ion:164 Resp: 356693
Ion Ratio Lower Upper
164 100
162 100.4 82.2 123.4
160 44.9 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 159.090 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BF112199.D
Acq: 23 Jan 2019 14:02

Tgt Ion:330 Resp: 612167
Ion Ratio Lower Upper
330 100
332 95.4 76.6 114.8
141 31.2 24.3 36.5

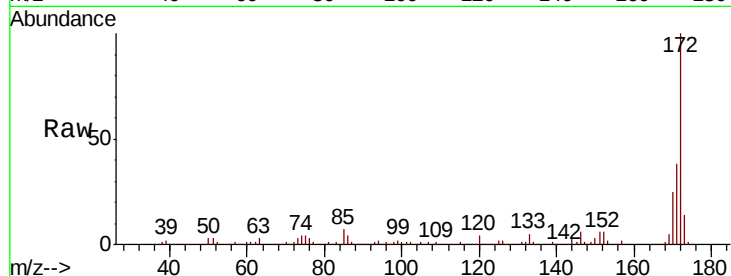




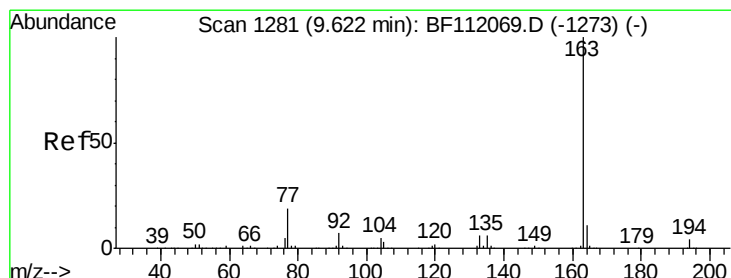
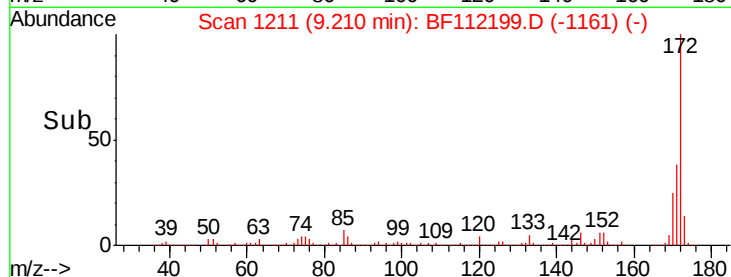
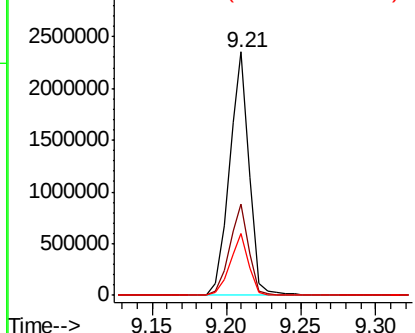
#45
2-Fluorobiphenyl
Concen: 90.188 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF112199.D
Acq: 23 Jan 2019 14:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 2194209
Ion Ratio Lower Upper
172 100
171 37.7 30.5 45.7
170 25.2 20.2 30.4

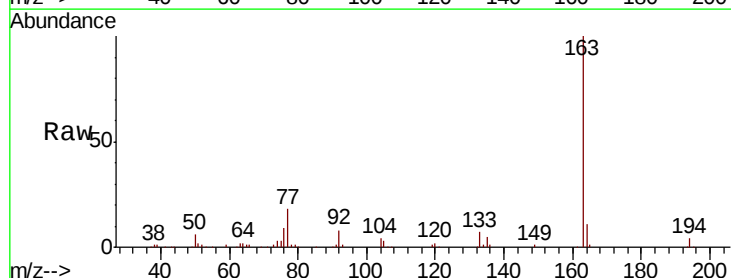


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

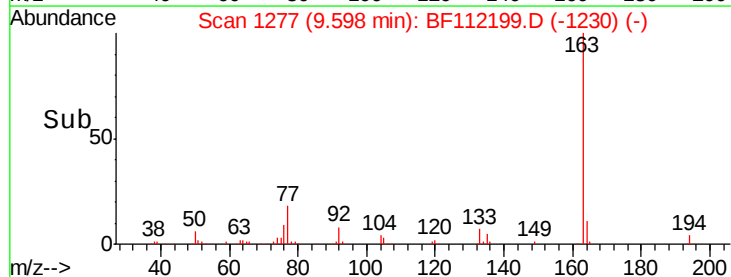
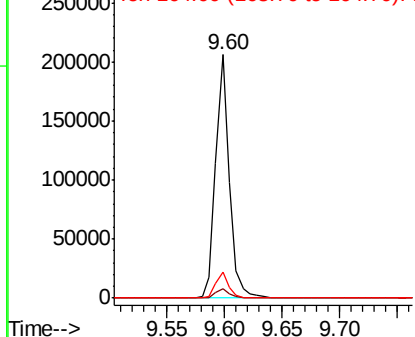


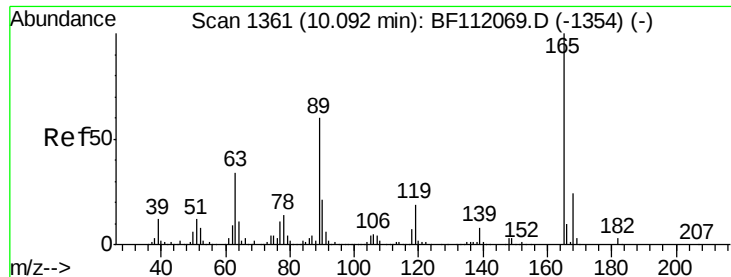
#50
Dimethylphthalate
Concen: 6.502 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.02 min
Lab File: BF112199.D
Acq: 23 Jan 2019 14:02

Tgt Ion:163 Resp: 169144
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.7 8.5 12.7



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

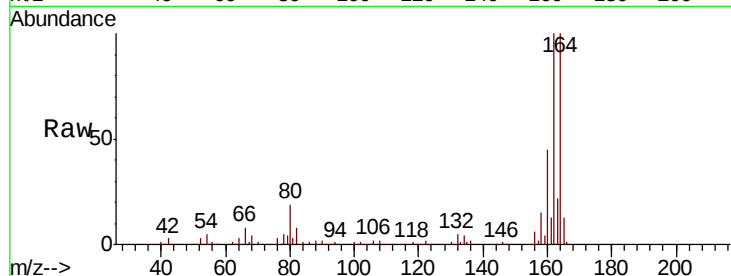




#57
2,4-Dinitrotoluene
Concen: 10.675 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.20 min
Lab File: BF112199.D
Acq: 23 Jan 2019 14:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	27.9	41.9#
89	1.3	47.9	71.9#
182	0.0	2.2	3.4#



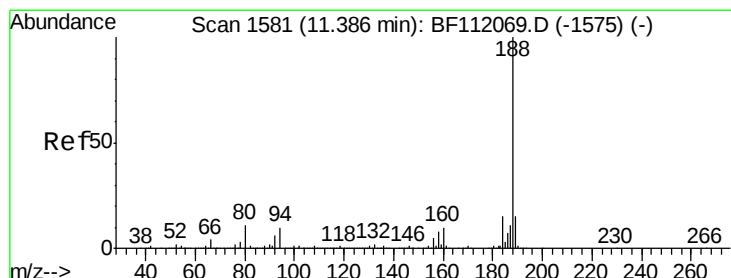
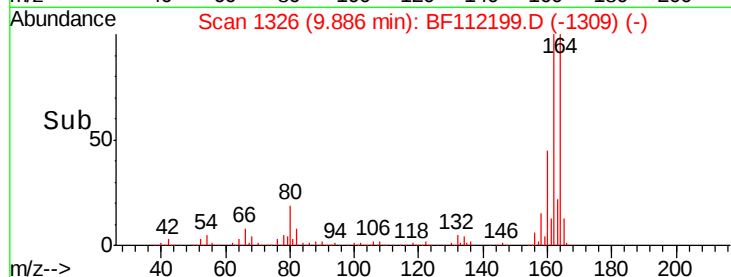
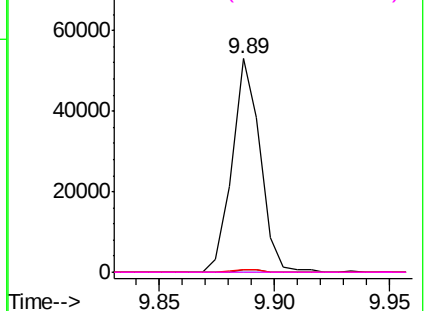
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

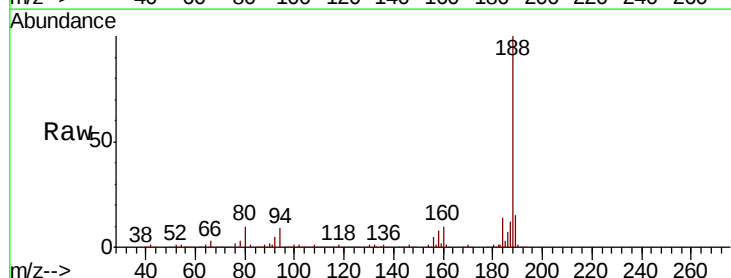
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF112199.D
Acq: 23 Jan 2019 14:02

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.2	12.2
80	9.6	8.9	13.3

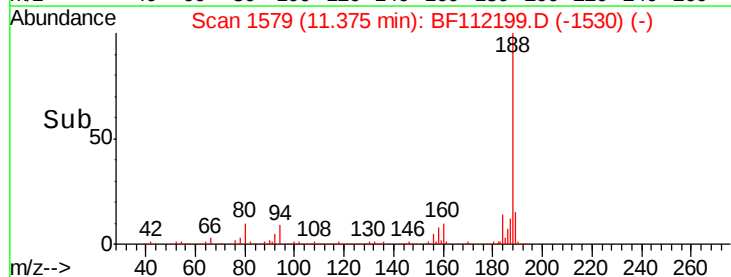
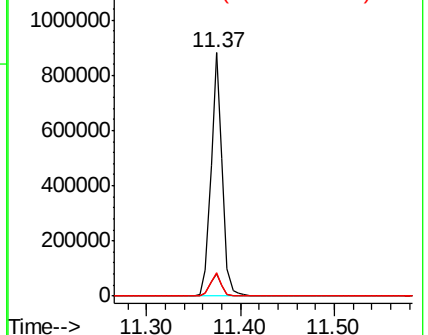


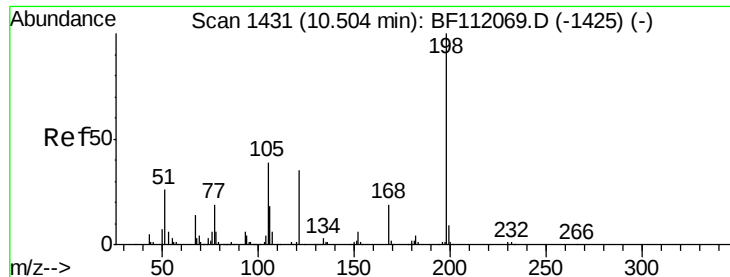
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 10.451 ng

RT: 10.68 min Scan# 1461

Delta R.T. 0.18 min

Lab File: BF112199.D

Acq: 23 Jan 2019 14:02

Instrument :

BNA_F

ClientSampleId :

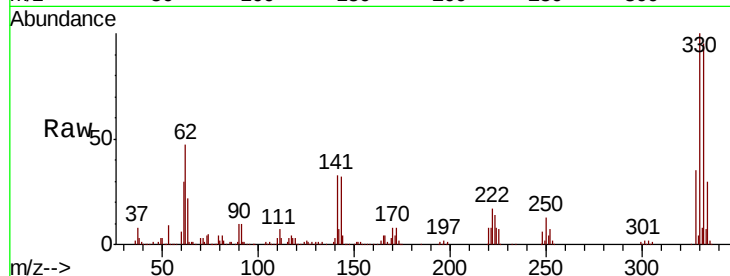
Tot Ion:198 Resp: 1498

Ion Ratio Lower Upper

198 100

51 105.5 17.2 57.2#

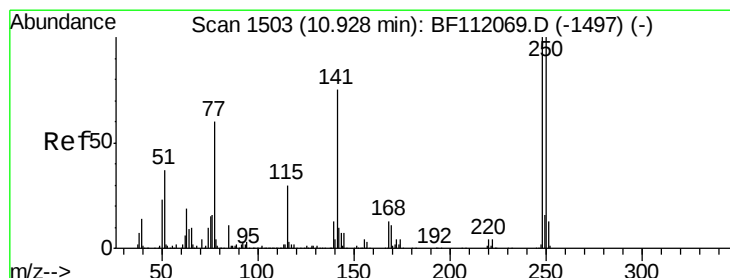
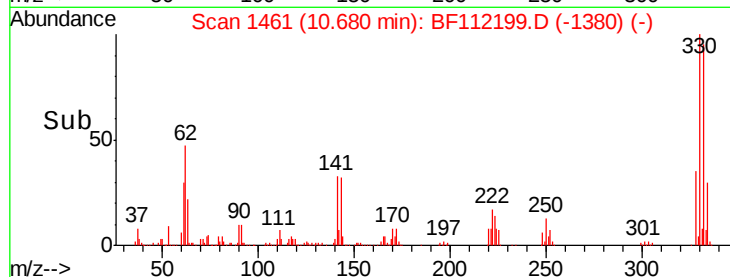
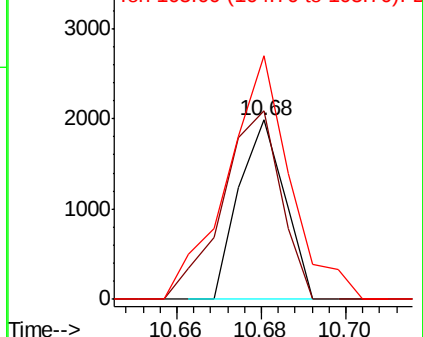
105 135.9 21.9 61.9#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#67

4-Bromophenyl-phenylether

Concen: 4.113 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.25 min

Lab File: BF112199.D

Acq: 23 Jan 2019 14:02

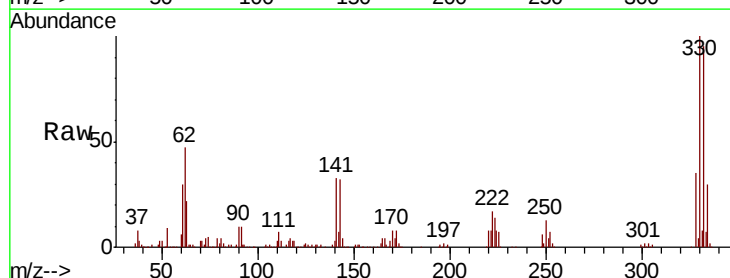
Tgt Ion:248 Resp: 35540

Ion Ratio Lower Upper

248 100

250 202.6 79.7 119.5#

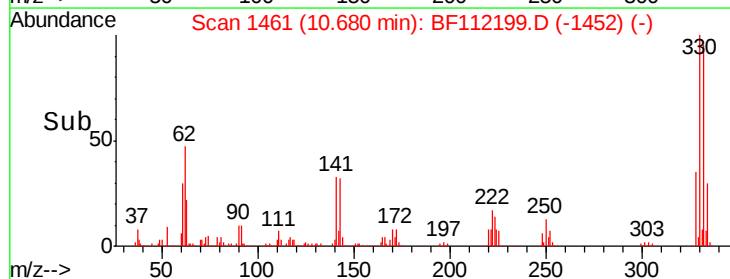
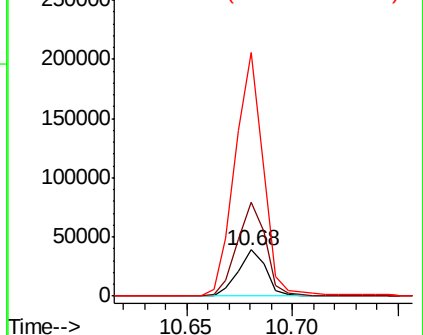
141 528.3 60.3 90.5#

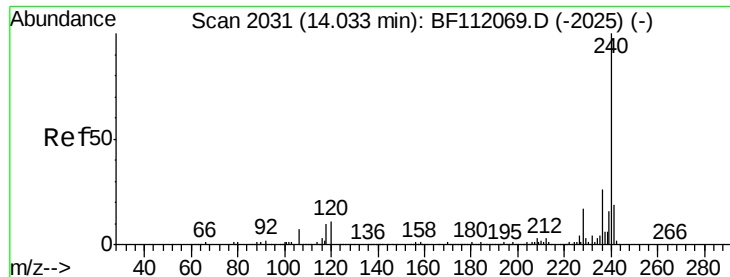


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF112199.D

Acq: 23 Jan 2019 14:02

Instrument :

BNA_F

ClientSampleId :

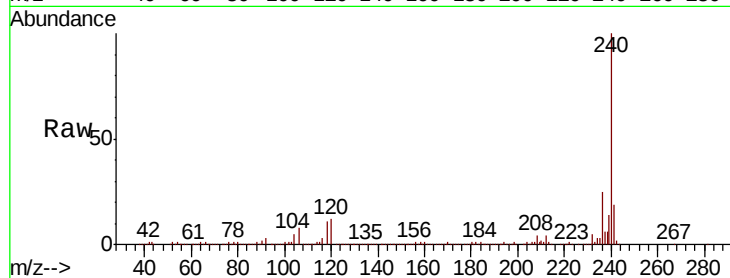
Tot Ion:240 Resp: 735657

Ion Ratio Lower Upper

240 100

120 11.9 9.0 13.6

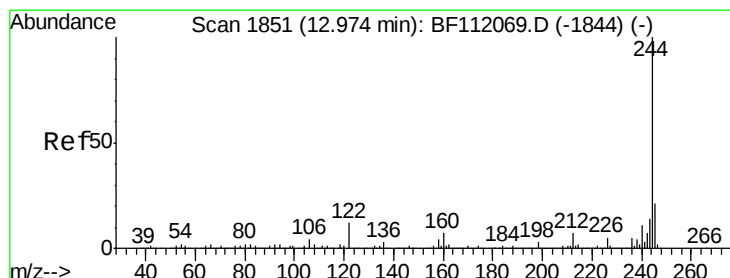
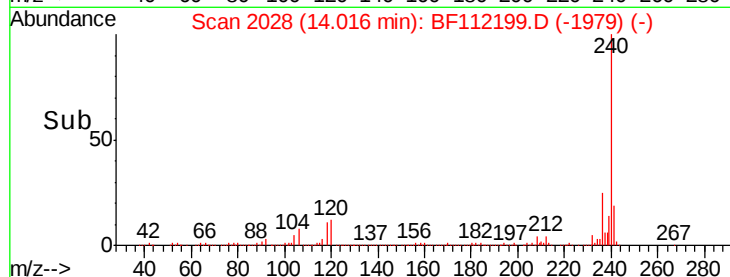
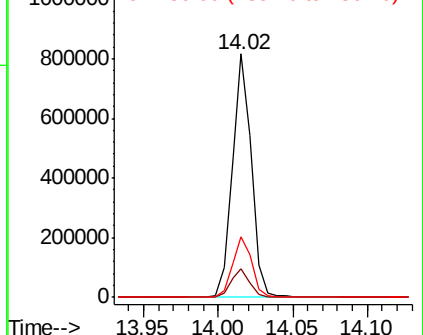
236 25.0 20.7 31.1



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



#79

Terphenyl-d14

Concen: 80.998 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BF112199.D

Acq: 23 Jan 2019 14:02

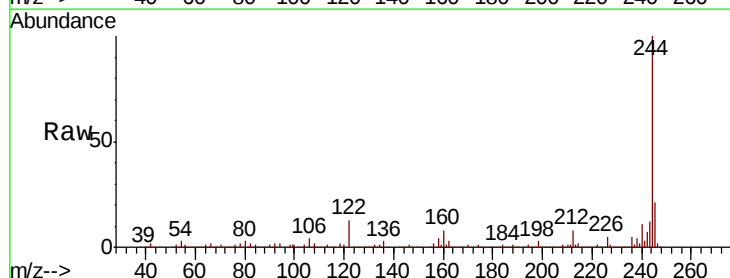
Tgt Ion:244 Resp: 2800968

Ion Ratio Lower Upper

244 100

212 7.8 5.9 8.9

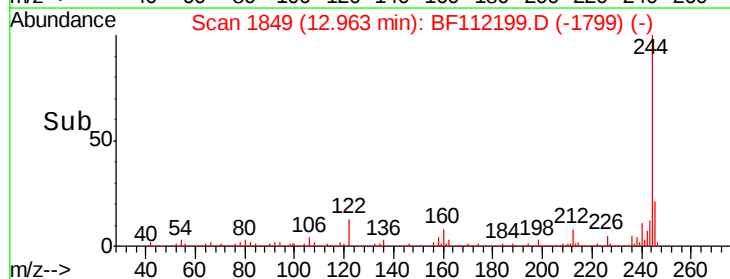
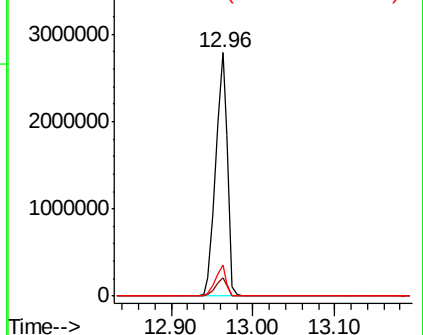
122 12.7 9.8 14.6

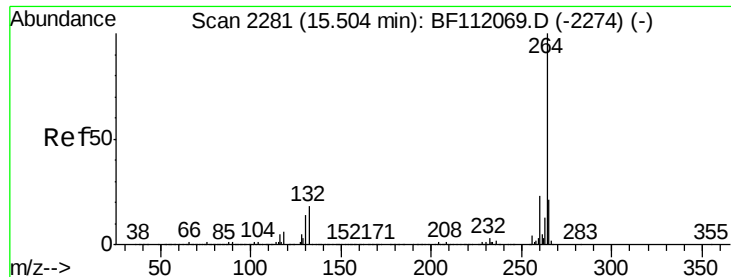


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

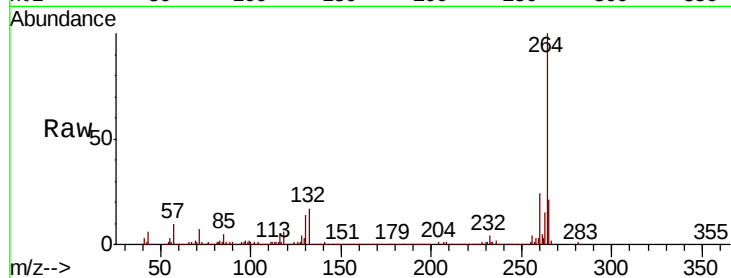




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. -0.01 min
 Lab File: BF112199.D
 Acq: 23 Jan 2019 14:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.2	27.2
265	21.5	17.0	25.4



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

