

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061319\
 Data File : BF114990.D
 Acq On : 13 Jun 2019 9:06
 Operator : HP/JU
 Sample : K3303-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BAT-B03

Quant Time: Jun 13 17:31:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 12 15:42:37 2019
 Response via : Initial Calibration

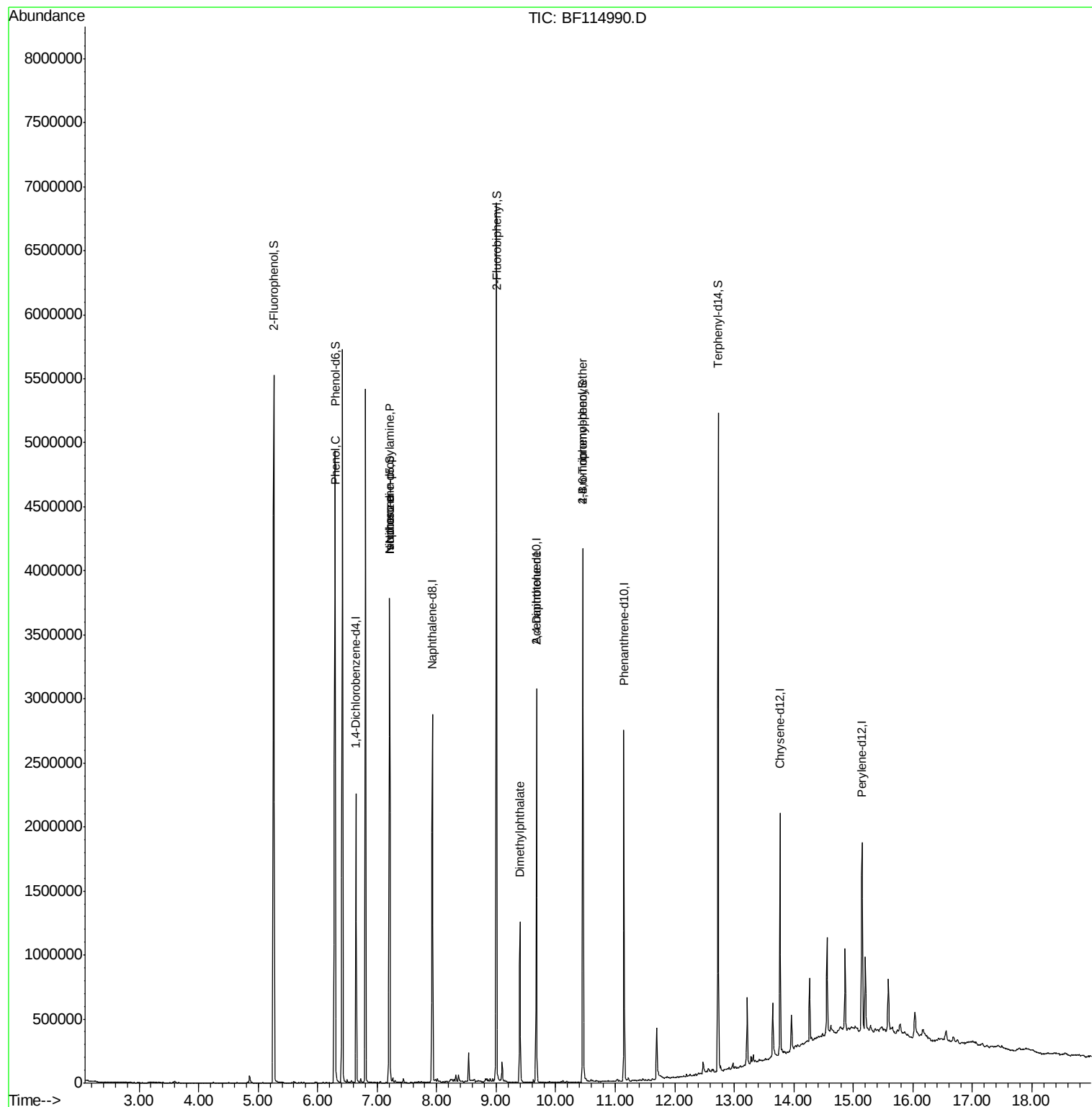
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	329947	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	1257763	20.00	ng	0.00
39) Acenaphthene-d10	9.67	164	593478	20.00	ng	0.00
64) Phenanthrene-d10	11.15	188	1062500	20.00	ng	-0.01
76) Chrysene-d12	13.77	240	592127	20.00	ng	-0.01
87) Perylene-d12	15.14	264	658502	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1782099	90.19	ng	0.00
7) Phenol-d6	6.29	99	2263437	94.96	ng	0.00
23) Nitrobenzene-d5	7.21	82	1384165	66.24	ng	0.00
42) 2,4,6-Tribromophenol	10.46	330	555100	87.34	ng	-0.01
45) 2-Fluorobiphenyl	9.00	172	2261329	64.58	ng	0.00
79) Terphenyl-d14	12.73	244	1872698	59.49	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.29	77	3842	Below Cal	#	1
10) Phenol	6.30	94	57913	2.172 ng	#	68
19) n-Nitroso-di-n-propylamine	7.21	70	180154	12.440 ng	#	78
25) Isophorone	7.21	82	1353195	34.576 ng	#	62
50) Dimethylphthalate	9.40	163	491807	11.019 ng	#	98
57) 2,4-Dinitrotoluene	9.67	165	75877	5.888 ng	#	29
58) Fluorene	10.46	166	24600	Below Cal	#	92
67) 4-Bromophenyl-phenylether	10.46	248	35950	3.151 ng	#	1

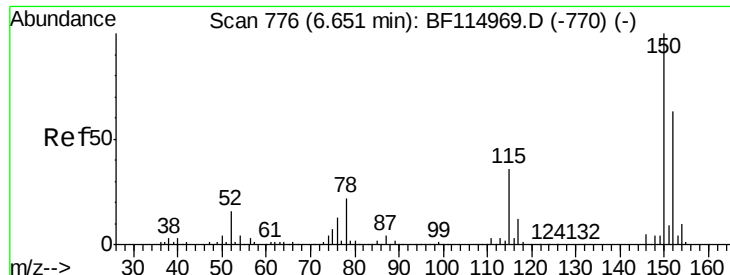
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BAT-B03

Quant Time: Jun 13 17:31:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 12 15:42:37 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.65 min Scan# 775

Delta R.T. -0.01 min

Lab File: BF114990.D

Acq: 13 Jun 2019 9:06

Instrument :

BNA_F

ClientSampleId :

BAT-B03

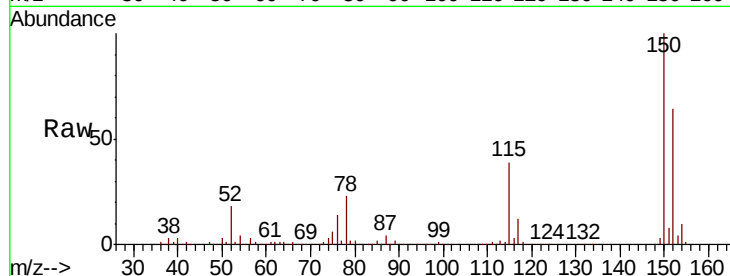
Tot Ion:152 Resp: 329947

Ion Ratio Lower Upper

152 100

150 155.8 127.4 191.0

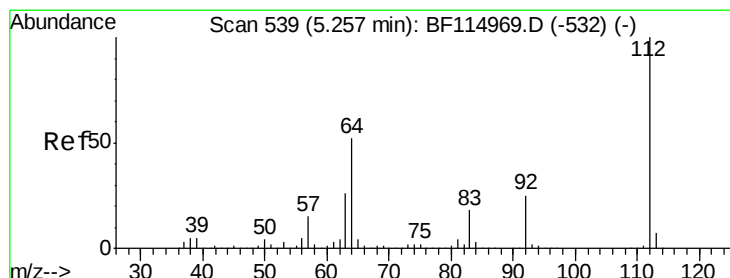
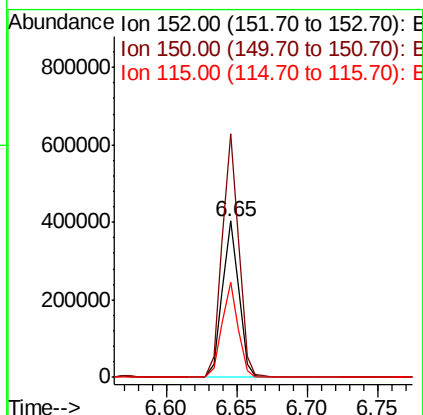
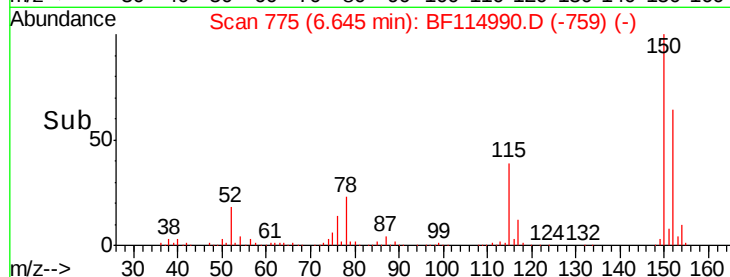
115 60.6 46.0 69.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 90.188 ng

RT: 5.26 min Scan# 540

Delta R.T. 0.01 min

Lab File: BF114990.D

Acq: 13 Jun 2019 9:06

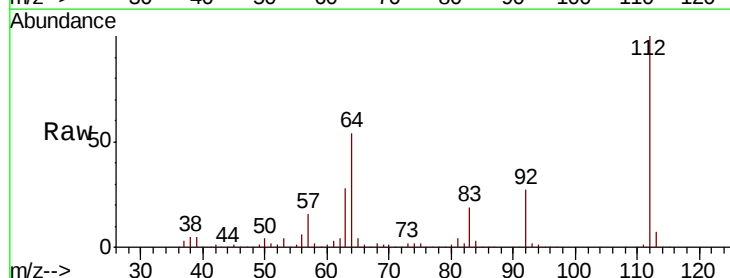
Tgt Ion:112 Resp: 1782099

Ion Ratio Lower Upper

112 100

64 54.2 41.6 62.4

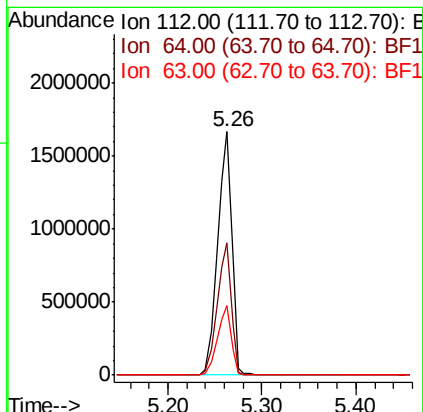
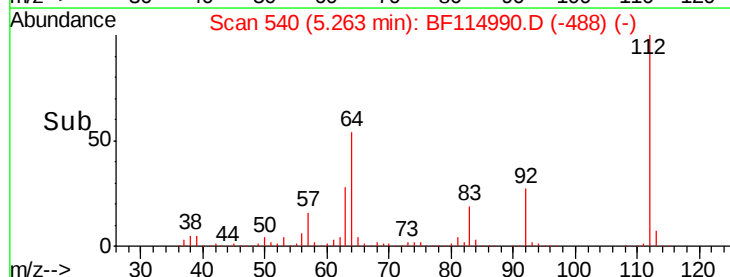
63 28.4 20.9 31.3

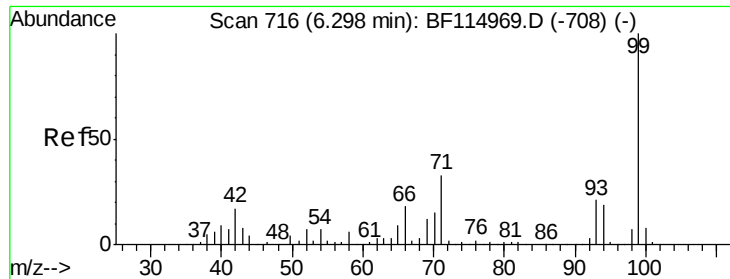


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 94.959 ng

RT: 6.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF114990.D

Acq: 13 Jun 2019 9:06

Instrument :

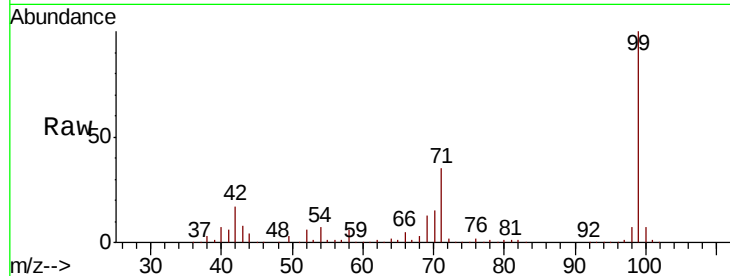
BNA_F

ClientSampleId :

BAT-B03

Tot Ion: 99 Resp: 2263437

Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.4	20.2
71	34.9	26.4	39.6

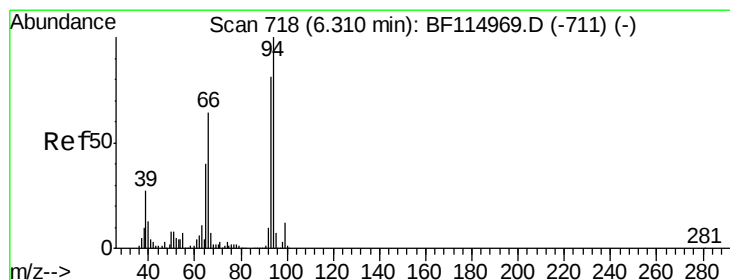
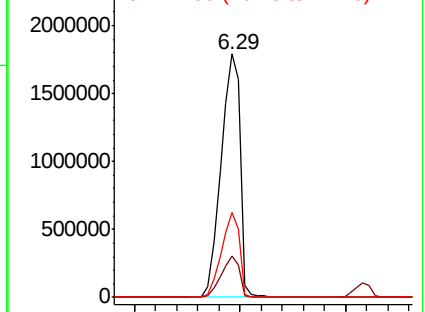
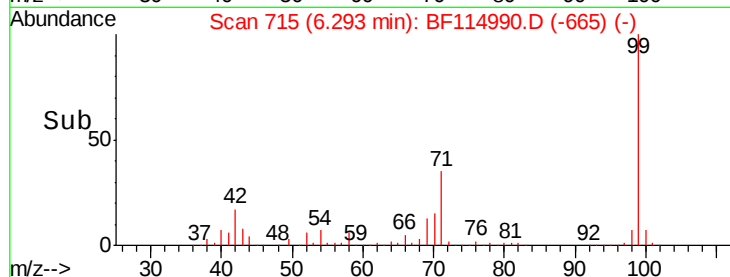


Abundance

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: 2.172 ng

RT: 6.30 min Scan# 717

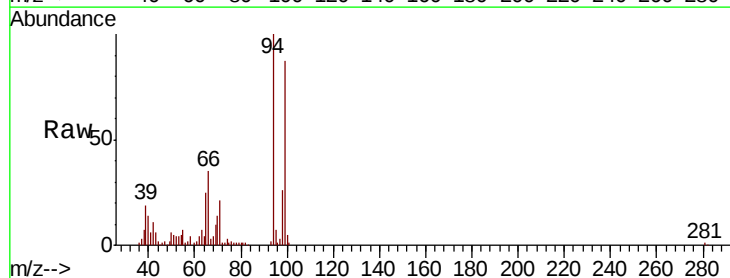
Delta R.T. -0.01 min

Lab File: BF114990.D

Acq: 13 Jun 2019 9:06

Tgt Ion: 94 Resp: 57913

Ion	Ratio	Lower	Upper
94	100		
65	25.3	20.0	60.0
66	34.5	44.1	84.1

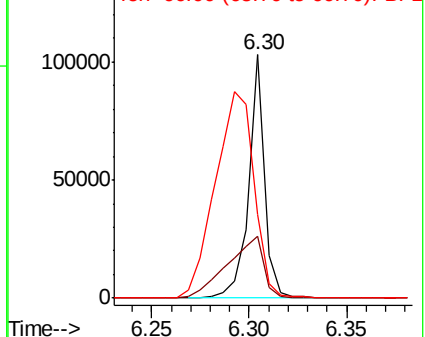
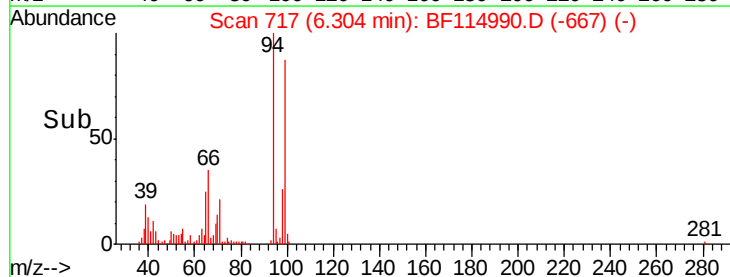


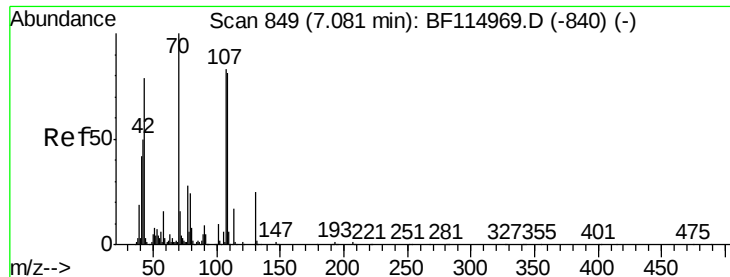
Abundance

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

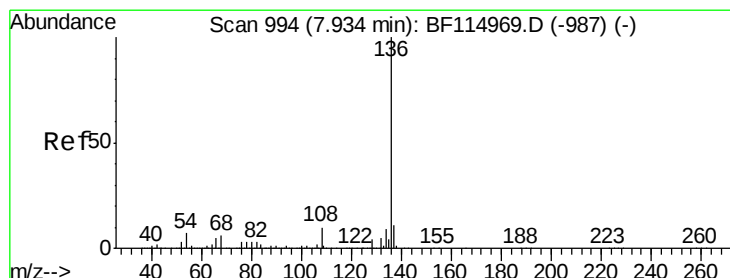
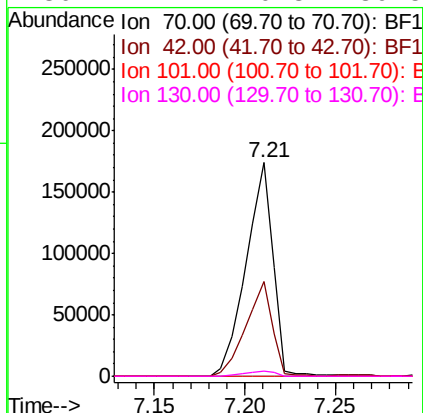
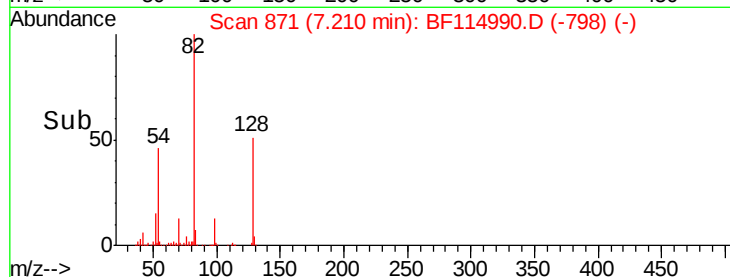
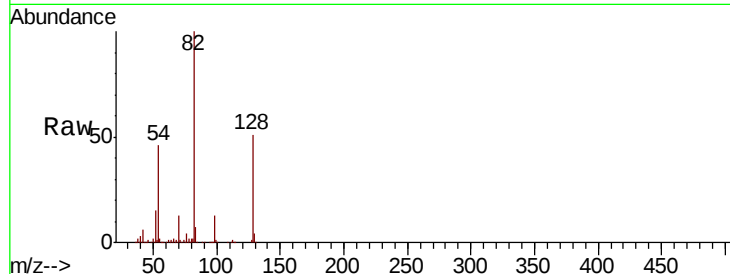




#19
n-Nitroso-di-n-propylamine
Concen: 12.440 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.13 min
Lab File: BF114990.D
Acq: 13 Jun 2019 9:06

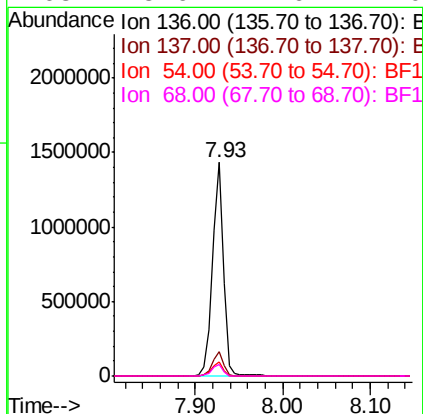
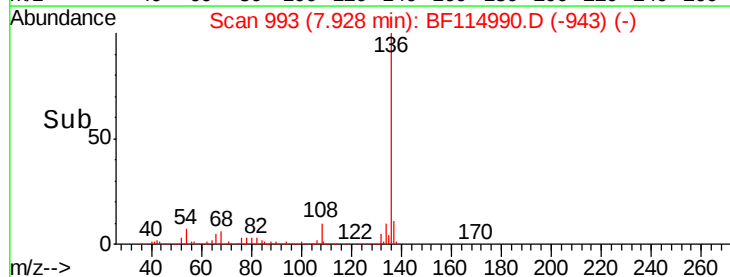
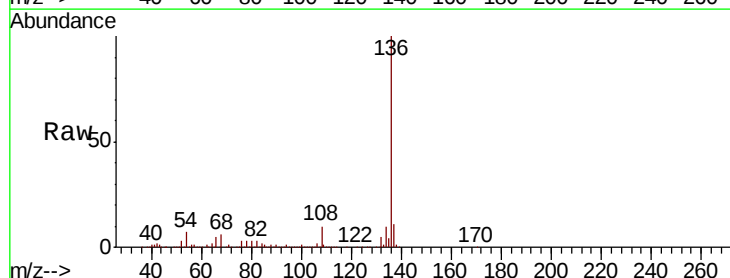
Instrument :
BNA_F
ClientSampled :
BAT-B03

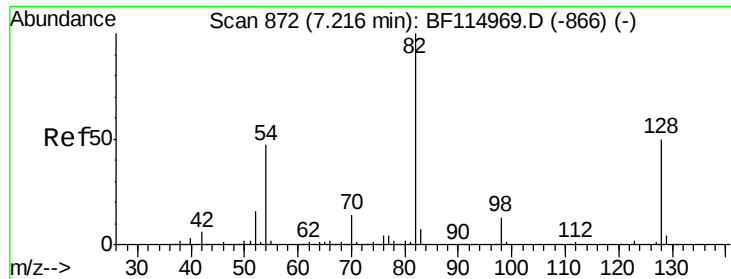
Tot Ion: 70 Resp: 180154
Ion Ratio Lower Upper
70 100
42 44.2 40.3 60.5
101 0.0 8.2 12.4#
130 2.2 20.3 30.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF114990.D
Acq: 13 Jun 2019 9:06

Tgt Ion: 136 Resp: 1257763
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 6.6 5.4 8.0
68 5.6 4.6 7.0

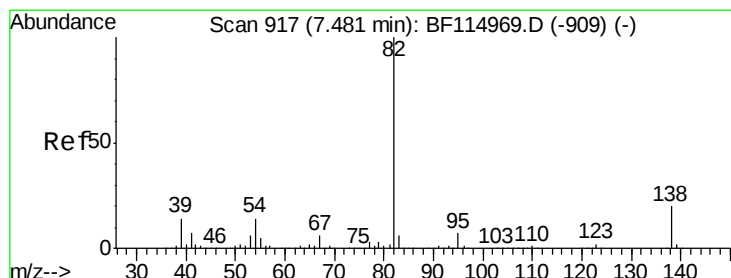
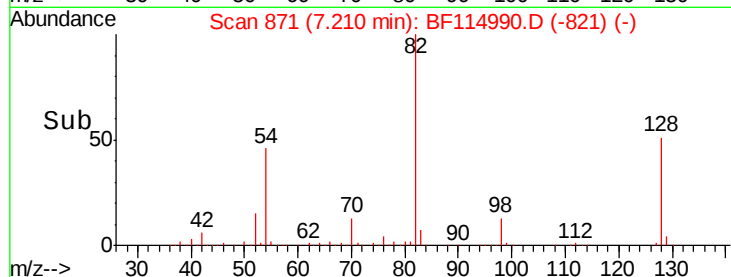
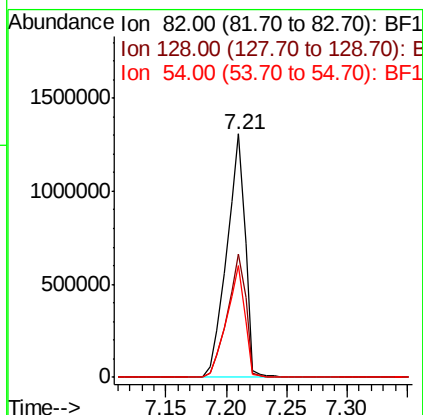
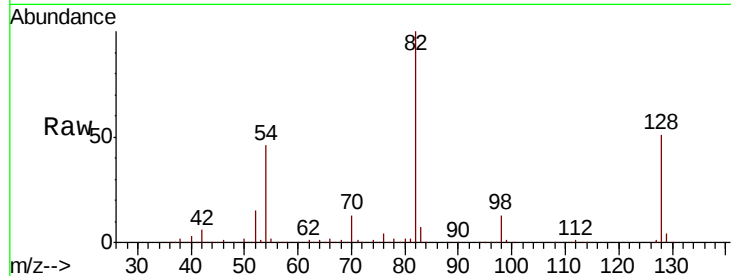




#23
 Nitrobenzene-d5
 Concen: 66.241 ng
 RT: 7.21 min Scan# 871
 Delta R.T. -0.01 min
 Lab File: BF114990.D
 Acq: 13 Jun 2019 9:06

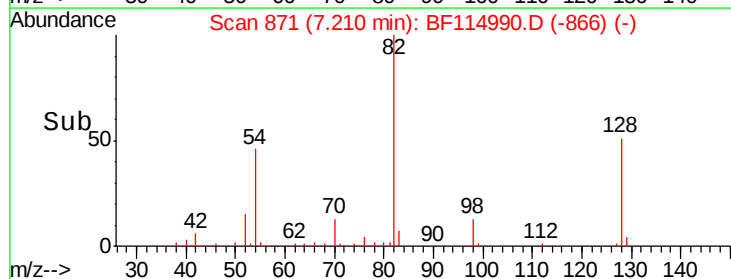
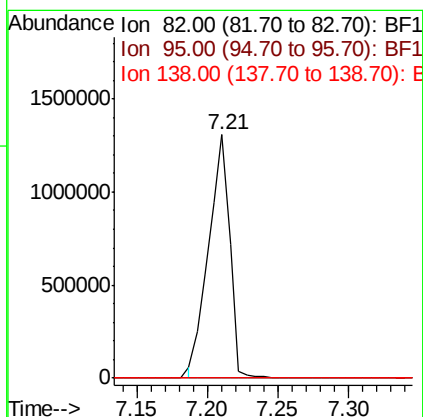
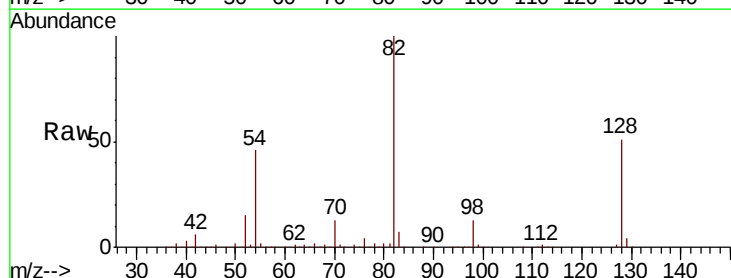
Instrument :
 BNA_F
 ClientSampled :
 BAT-B03

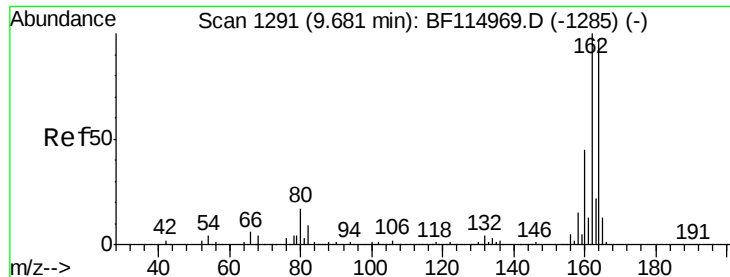
Tot Ion: 82 Resp: 1384165
 Ion Ratio Lower Upper
 82 100
 128 50.6 39.9 59.9
 54 45.8 37.3 55.9



#25
 Isophorone
 Concen: 34.576 ng
 RT: 7.21 min Scan# 871
 Delta R.T. -0.27 min
 Lab File: BF114990.D
 Acq: 13 Jun 2019 9:06

Tgt Ion: 82 Resp: 1353195
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.6 8.4#
 138 0.0 16.1 24.1#

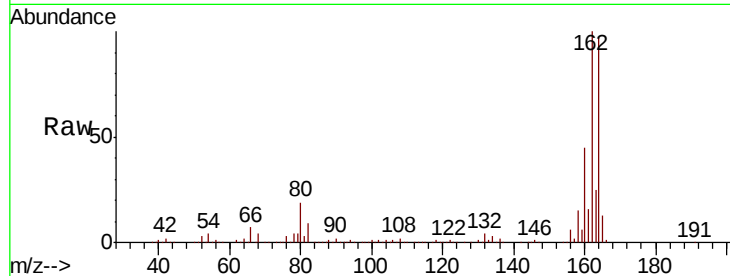




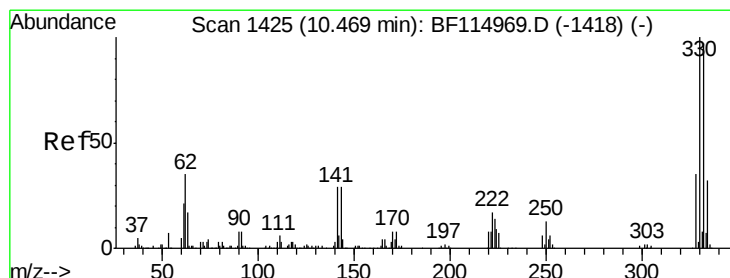
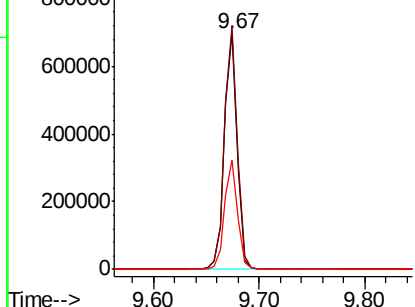
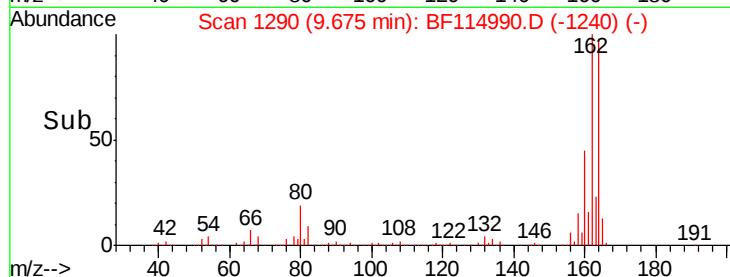
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. -0.01 min
 Lab File: BF114990.D
 Acq: 13 Jun 2019 9:06

Instrument :
 BNA_F
 ClientSampleId :
 BAT-B03

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.3	82.6	124.0
160	46.3	36.9	55.3

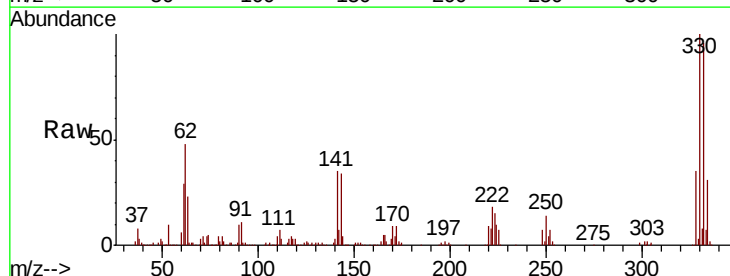


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

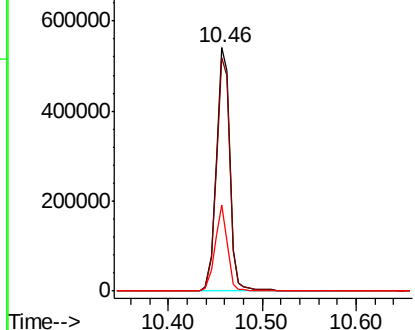
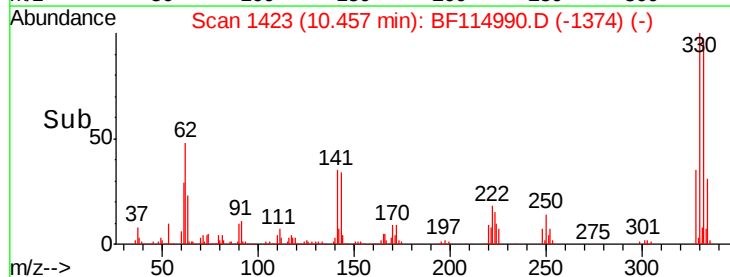


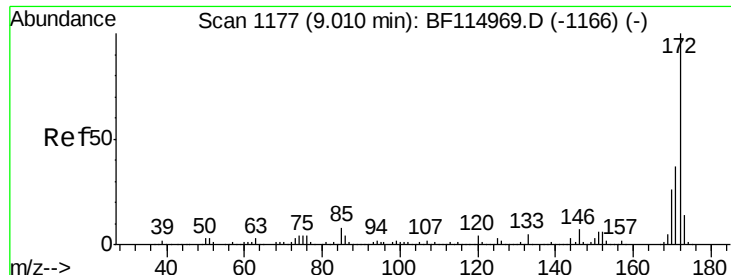
#42
 2,4,6-Tribromophenol
 Concen: 87.344 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.01 min
 Lab File: BF114990.D
 Acq: 13 Jun 2019 9:06

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.6	116.4
141	32.8	27.2	40.8



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

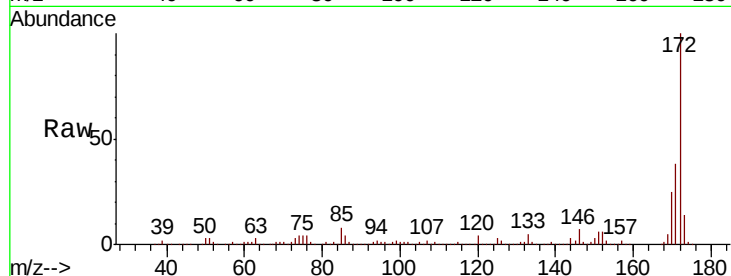




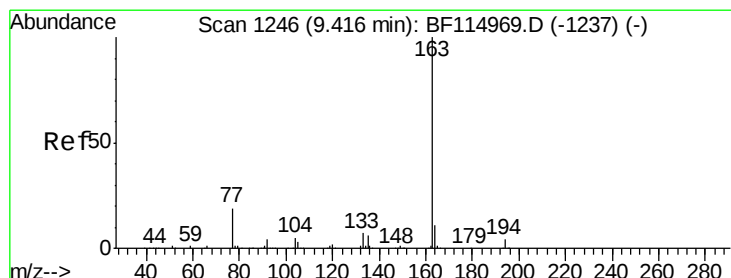
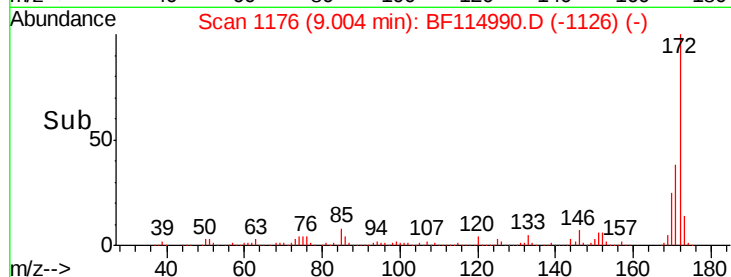
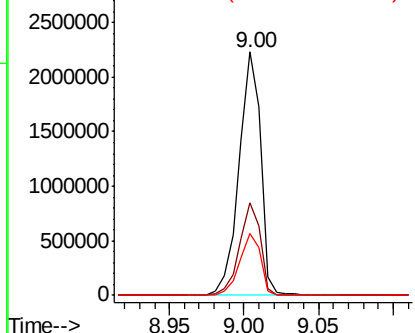
#45
2-Fluorobiphenyl
Concen: 64.578 ng
RT: 9.00 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BF114990.D
Acq: 13 Jun 2019 9:06

Instrument :
BNA_F
ClientSampleId :
BAT-B03

Tot Ion:172 Resp: 2261329
Ion Ratio Lower Upper
172 100
171 38.0 29.8 44.6
170 25.4 20.6 31.0

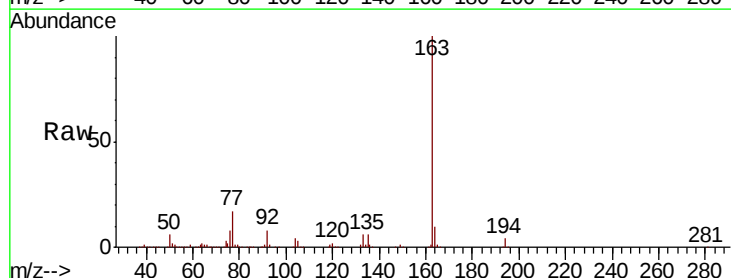


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

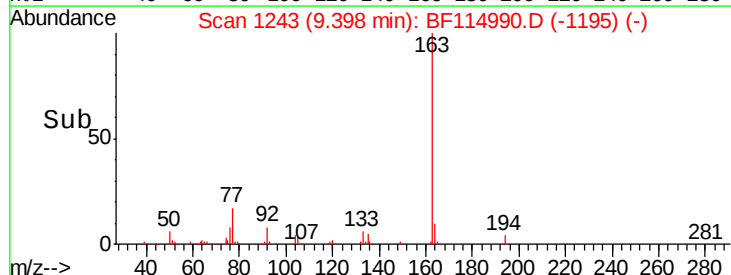
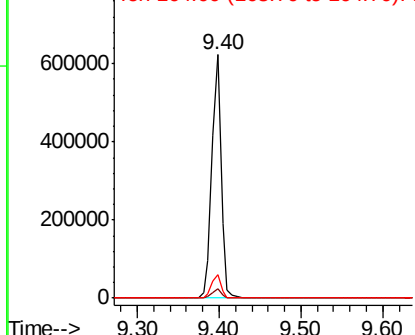


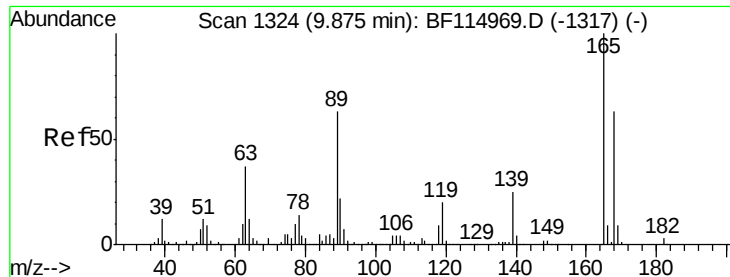
#50
Dimethylphthalate
Concen: 11.019 ng
RT: 9.40 min Scan# 1243
Delta R.T. -0.02 min
Lab File: BF114990.D
Acq: 13 Jun 2019 9:06

Tgt Ion:163 Resp: 491807
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 9.7 8.6 12.8



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

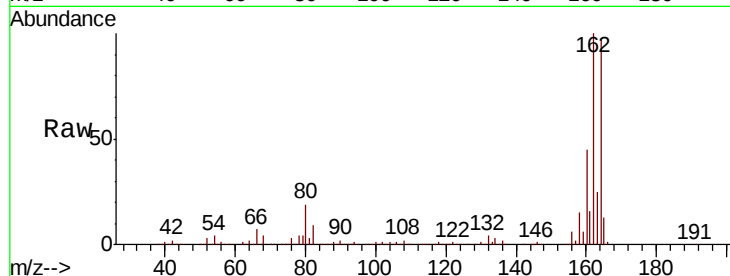




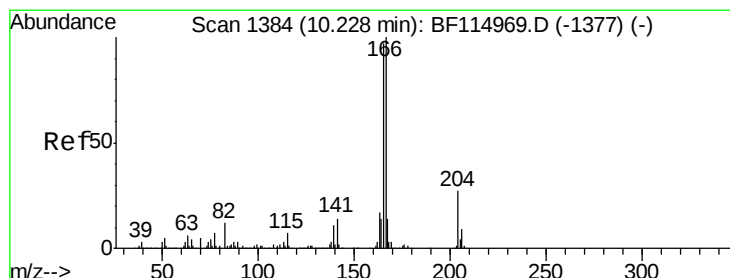
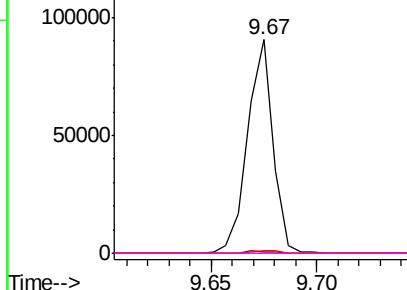
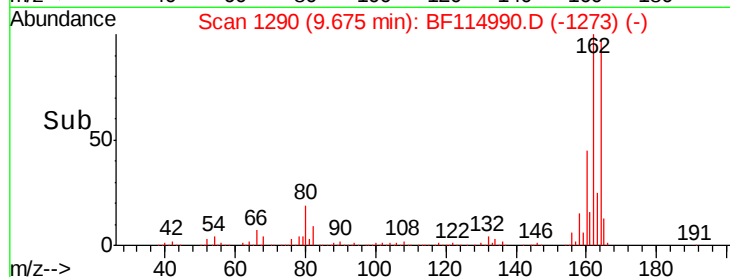
#57
 2,4-Dinitrotoluene
 Concen: 5.888 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. -0.20 min
 Lab File: BF114990.D
 Acq: 13 Jun 2019 9:06

Instrument :
 BNA_F
 ClientSampleId :
 BAT-B03

Tot Ion:	165	Resp:	75877
Ion	Ratio	Lower	Upper
165	100		
63	0.9	29.4	44.2#
89	1.2	50.6	75.8#
182	0.0	2.2	3.2#

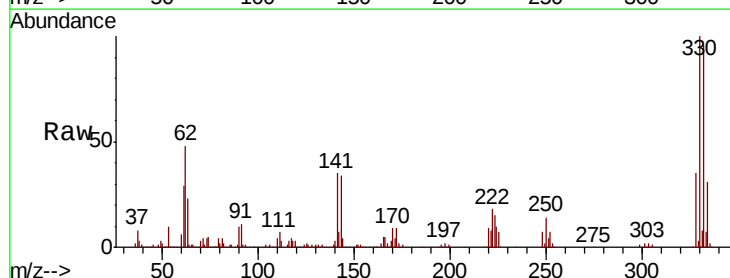


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

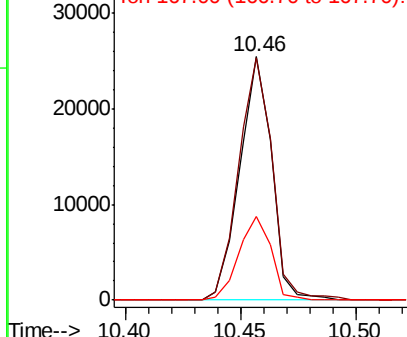
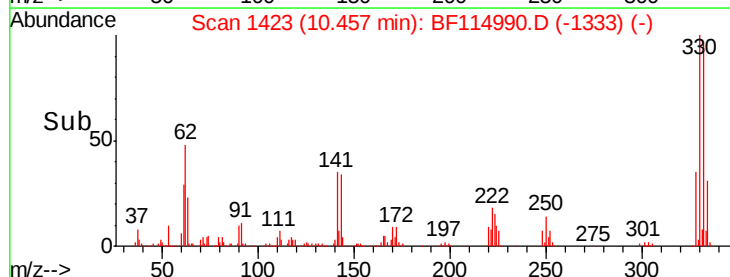


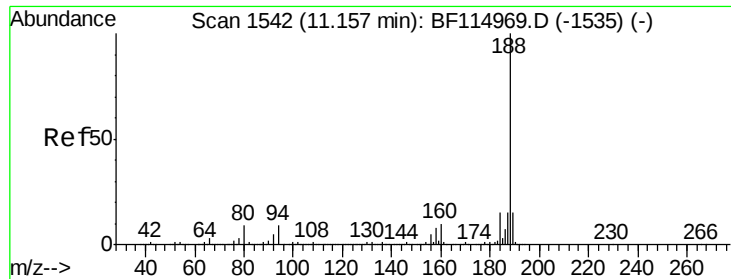
#58
 Fluorene
 Concen: Below Cal
 RT: 10.46 min Scan# 1423
 Delta R.T. 0.23 min
 Lab File: BF114990.D
 Acq: 13 Jun 2019 9:06

Tgt Ion:	166	Resp:	24600
Ion	Ratio	Lower	Upper
166	100		
165	99.3	77.6	116.4
167	34.3	11.0	16.4#



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

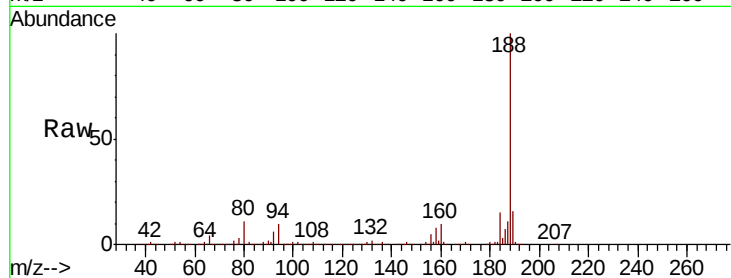




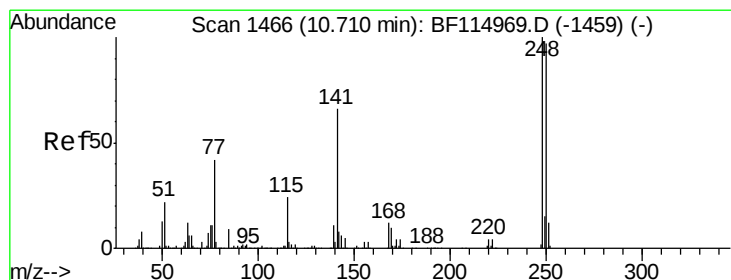
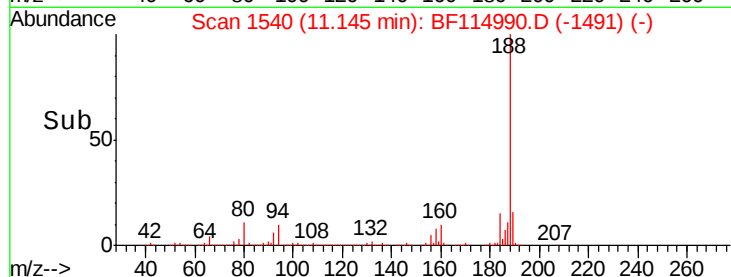
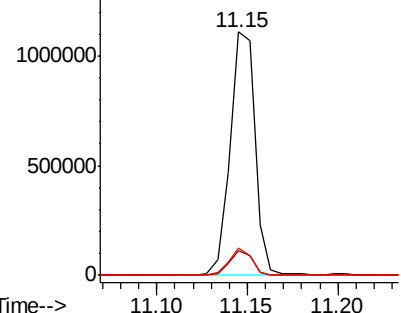
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.15 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BF114990.D
Acq: 13 Jun 2019 9:06

Instrument :
BNA_F
ClientSampleId :
BAT-B03

Tot Ion:188 Resp: 1062500
Ion Ratio Lower Upper
188 100
94 10.3 7.2 10.8
80 11.1 7.4 11.2

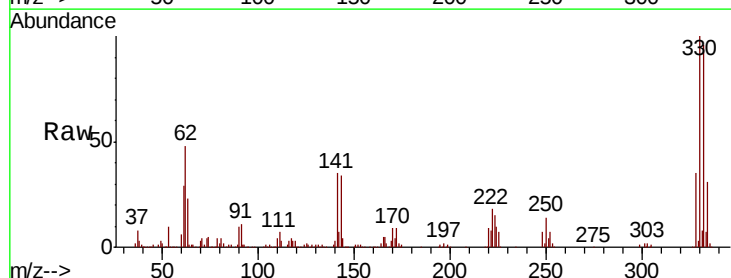


Abundance Ion 188.00 (187.70 to 188.70): E
1500000
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

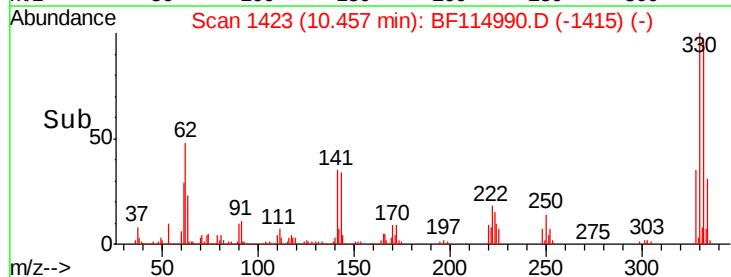
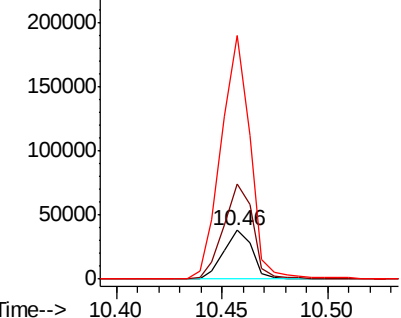


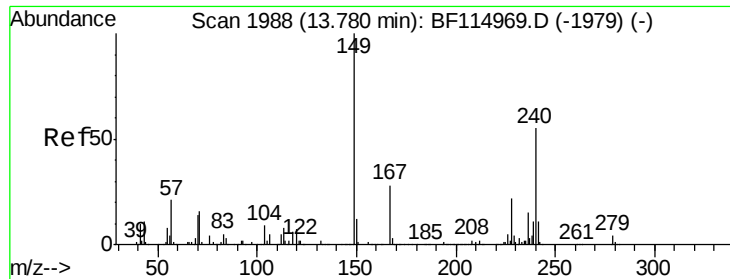
#67
4-Bromophenyl-phenylether
Concen: 3.151 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.25 min
Lab File: BF114990.D
Acq: 13 Jun 2019 9:06

Tgt Ion:248 Resp: 35950
Ion Ratio Lower Upper
248 100
250 194.4 77.8 116.8#
141 500.0 53.1 79.7#



Abundance Ion 248.00 (247.70 to 248.70): E
250000
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

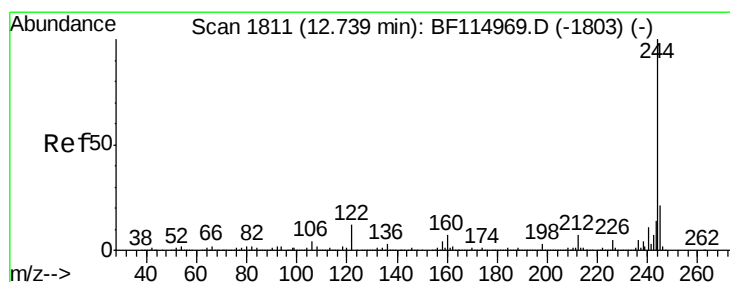
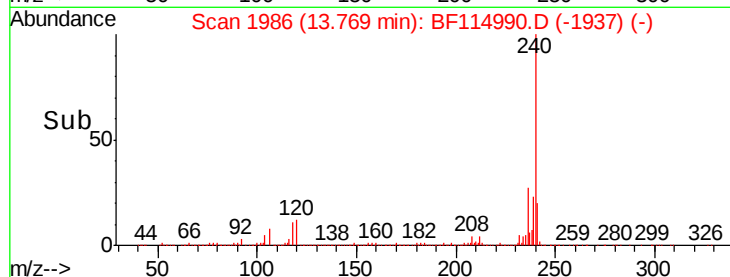
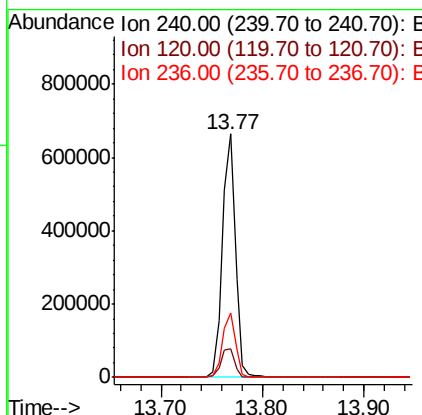
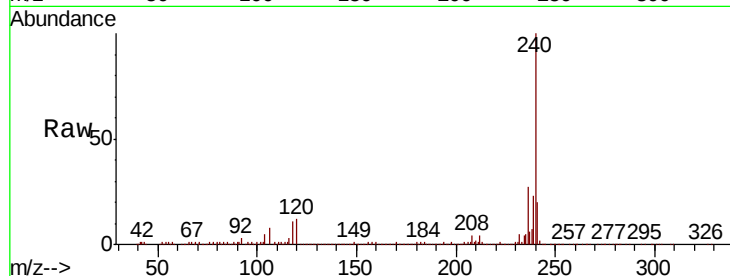




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.77 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BF114990.D
Acq: 13 Jun 2019 9:06

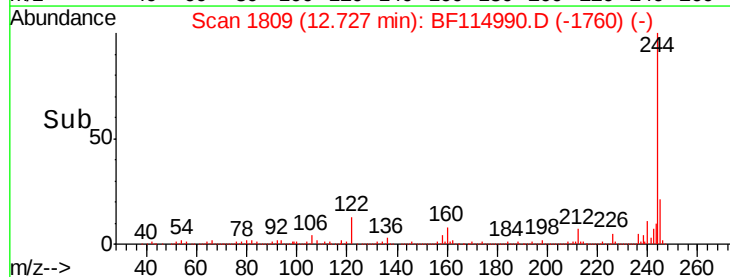
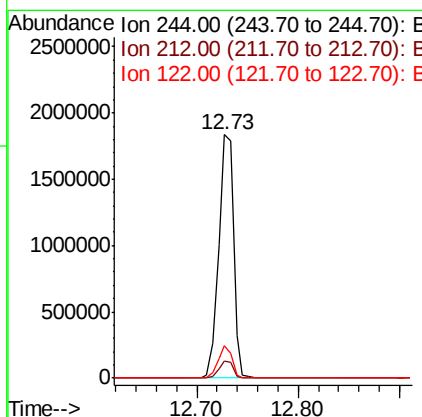
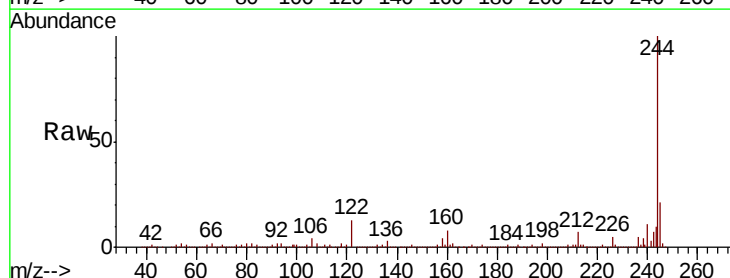
Instrument :
BNA_F
ClientSampled :
BAT-B03

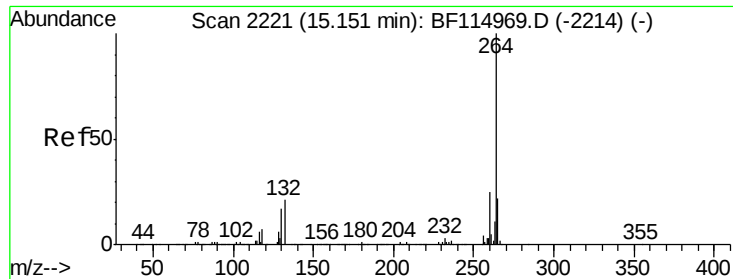
Tot Ion:240 Resp: 592127
Ion Ratio Lower Upper
240 100
120 11.8 10.0 15.0
236 26.7 21.6 32.4



#79
Terphenyl-d14
Concen: 59.486 ng
RT: 12.73 min Scan# 1809
Delta R.T. -0.01 min
Lab File: BF114990.D
Acq: 13 Jun 2019 9:06

Tgt Ion:244 Resp: 1872698
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.8
122 13.1 9.4 14.0

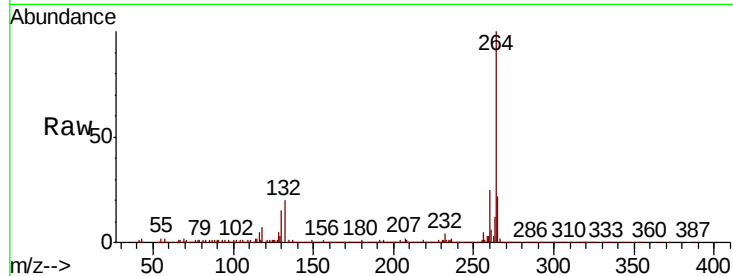




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.14 min Scan# 2220
 Delta R.T. -0.01 min
 Lab File: BF114990.D
 Acq: 13 Jun 2019 9:06

Instrument :
 BNA_F
 ClientSampleId :
 BAT-B03

Tot Ion:	264	Resp:	658502
Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.9	29.9
265	21.5	17.6	26.4



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

