

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 :
 S-1

Quant Time: Jan 23 15:28:47 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

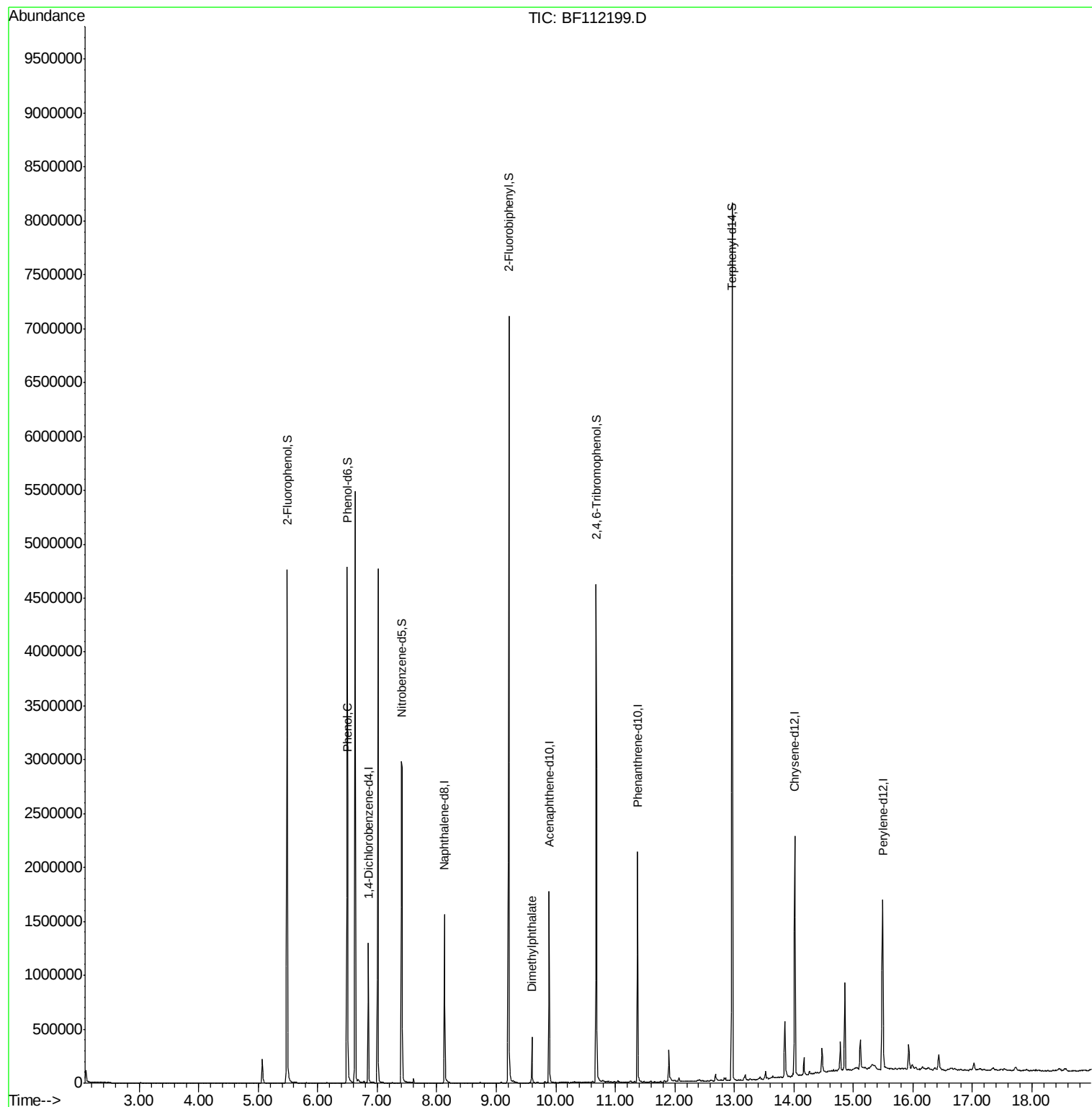
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	184517	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	702938	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	356693	20.00	ng	-0.01
64) Phenanthrene-d10	11.37	188	744001	20.00	ng	-0.01
76) Chrysene-d12	14.02	240	735657	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						
10) Phenol	6.51	94	30875	2.221	ng	79
50) Dimethylphthalate	9.60	163	169144	6.502	ng	100

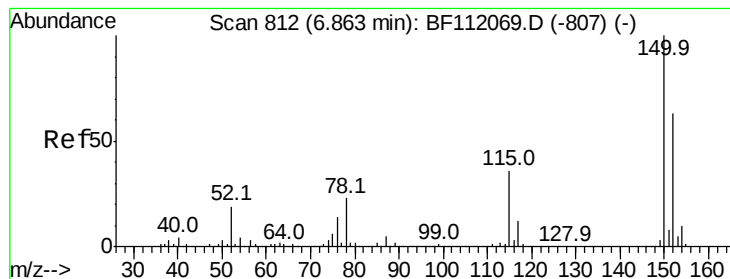
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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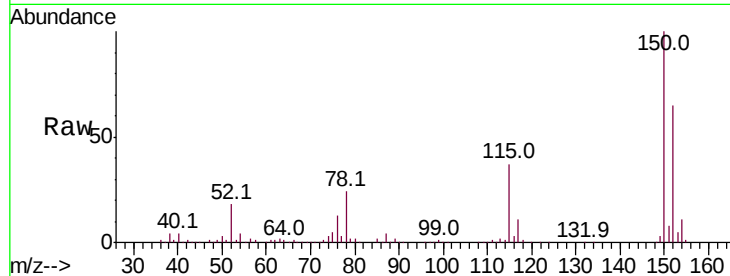


#1

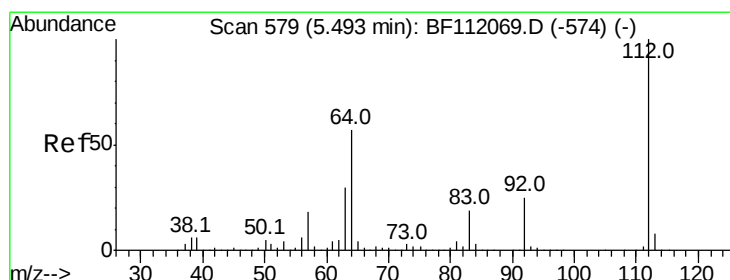
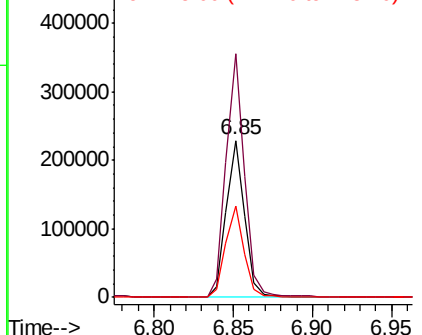
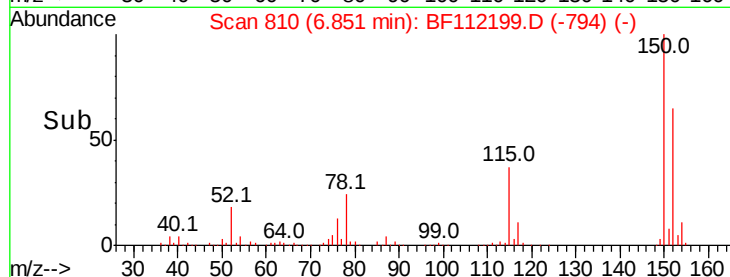
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF112199.D
Acq: 23 Jan 2019 14:02

Instrument :
BNA_F
ClientSampled :
S-1

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



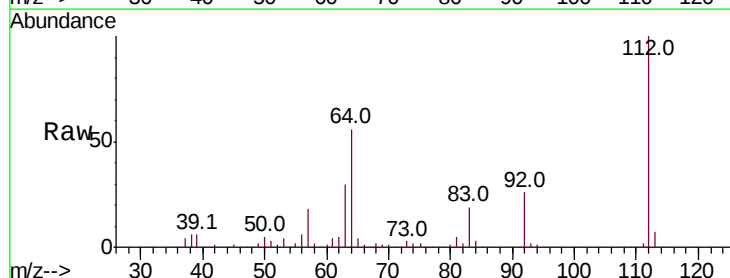
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



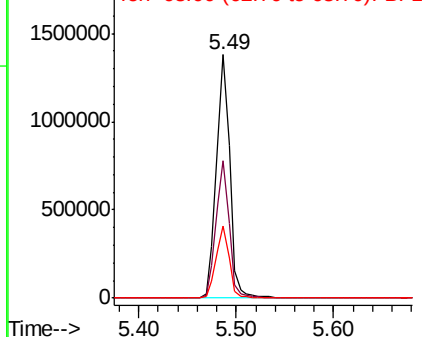
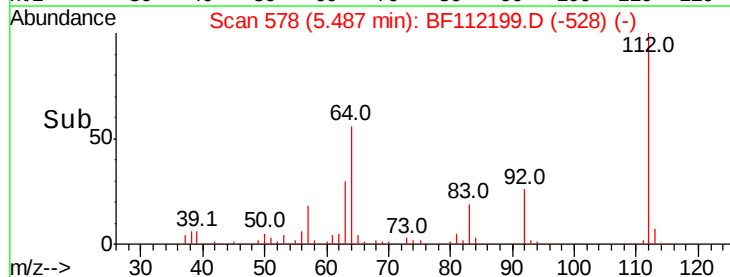
#5

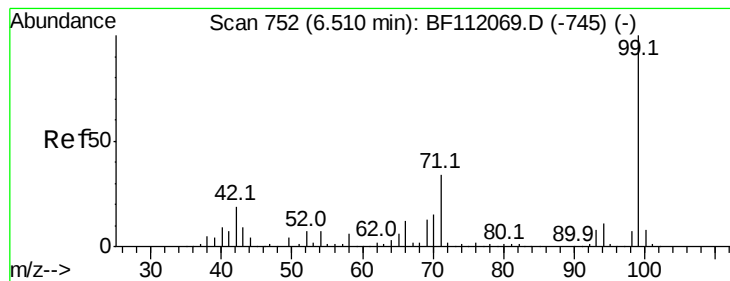
2-Fluorophenol
Concen: 131.343 ng
RT: 5.49 min Scan# 578
Delta R.T. -0.01 min
Lab File: BF112199.D
Acq: 23 Jan 2019 14:02

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 :

S-1

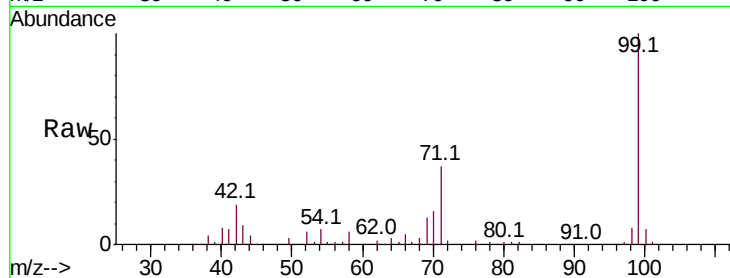
Tot Ion: 99 Resp: 1716555

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

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

6.50

2000000

1500000

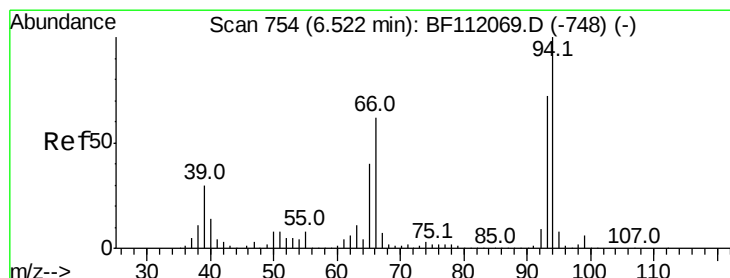
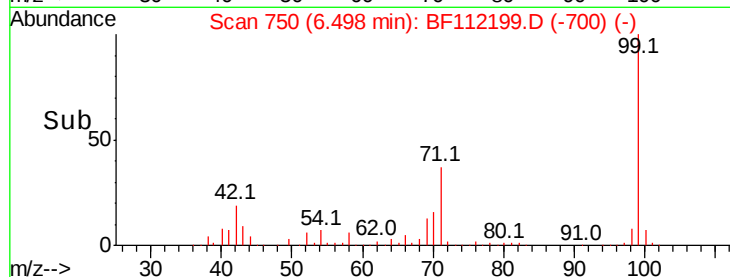
1000000

500000

0

Time-->

6.40 6.50 6.60



#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

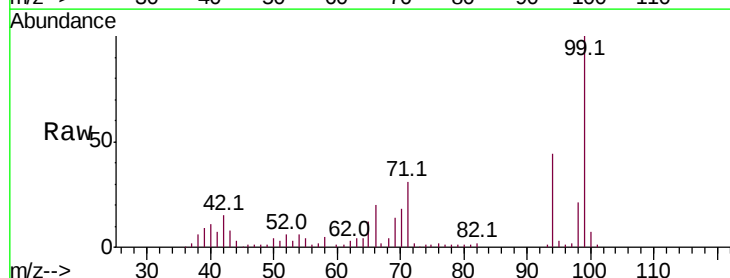
Tgt Ion: 94 Resp: 30875

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

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

6.51

100000

80000

60000

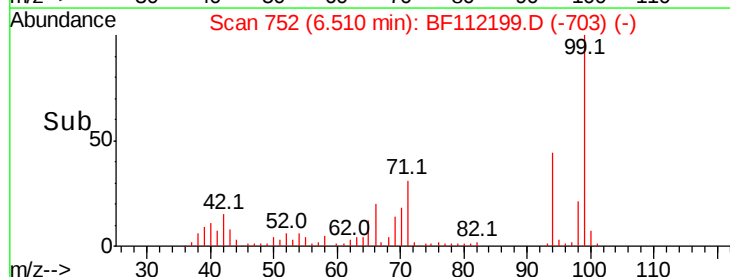
40000

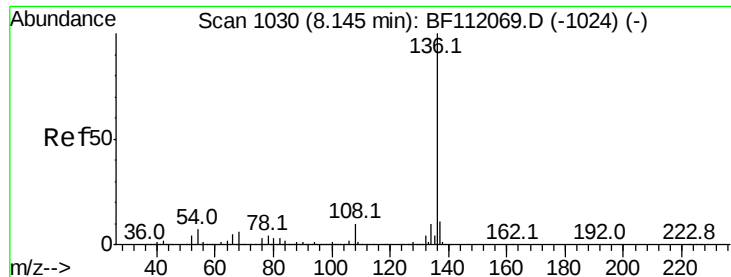
20000

0

Time-->

6.45 6.50 6.55

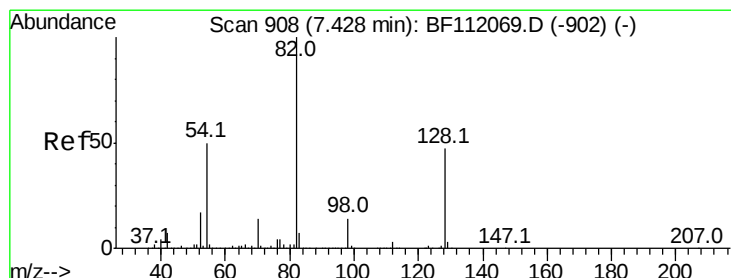
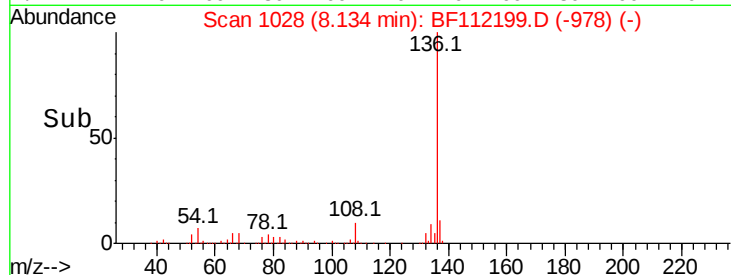
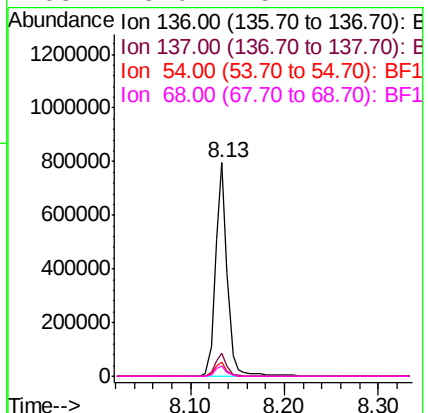
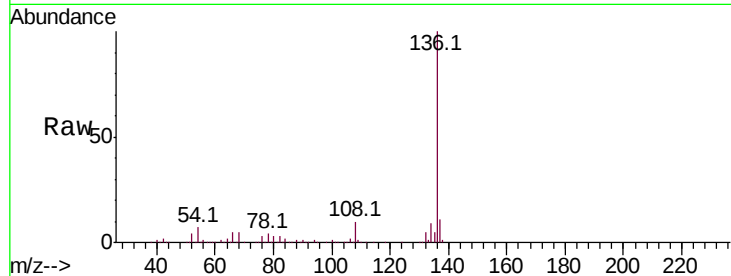




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF112199.D
Acq: 23 Jan 2019 14:02

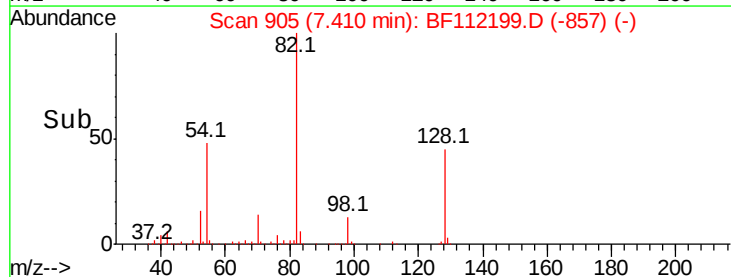
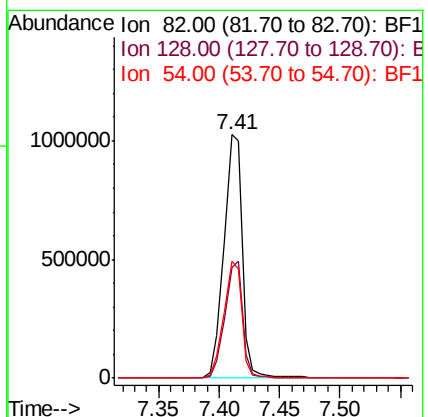
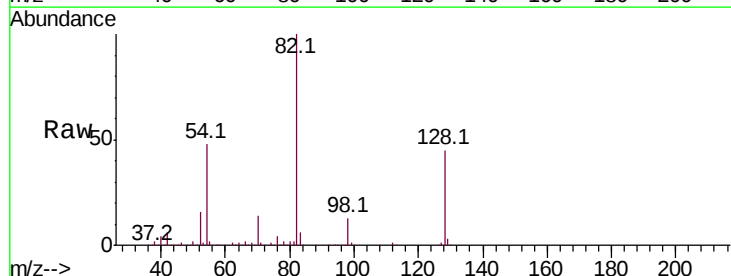
Instrument :
BNA_F
ClientSampleId :
S-1

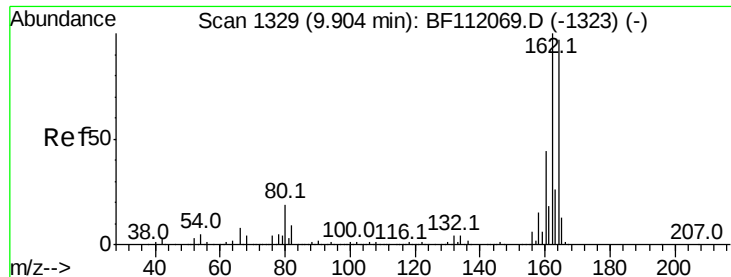
Tot Ion:136	Resp:	702938
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.1 13.7
54	6.5	5.9 8.9
68	5.0	5.1 7.7#



#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

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

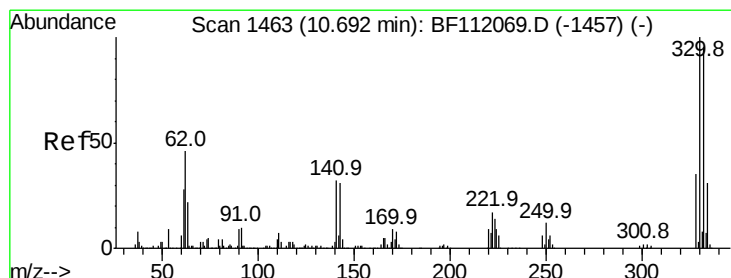
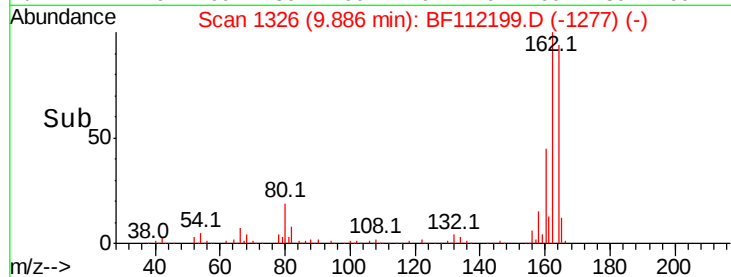
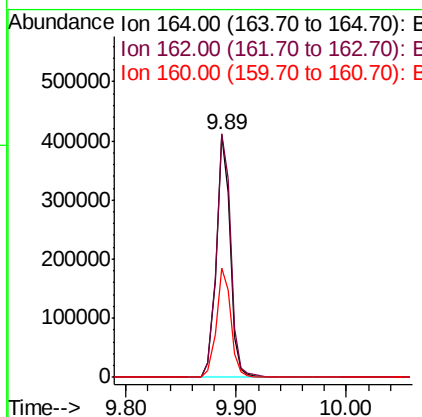
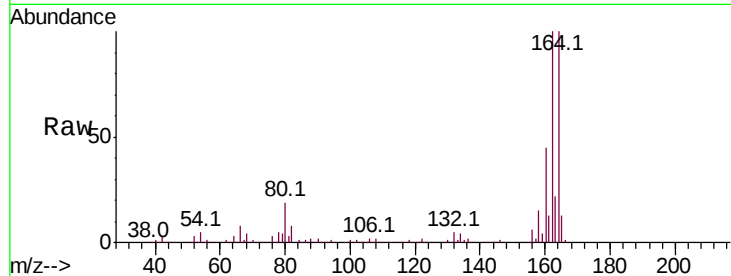




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.01 min
 Lab File: BF112199.D
 Acq: 23 Jan 2019 14:02

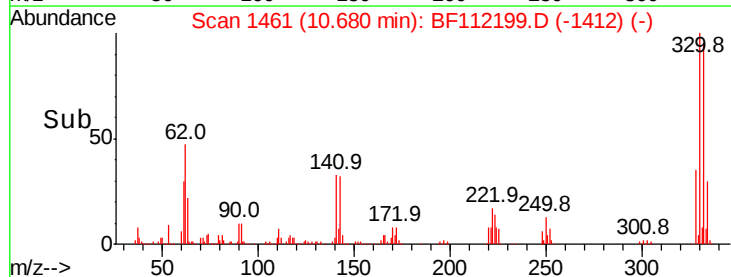
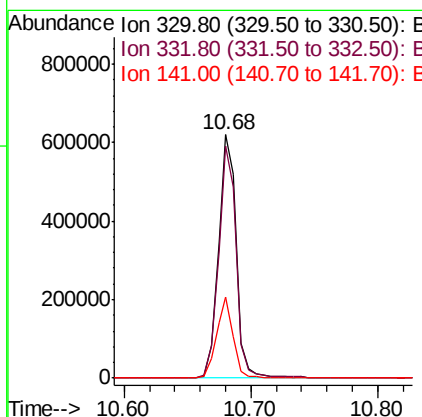
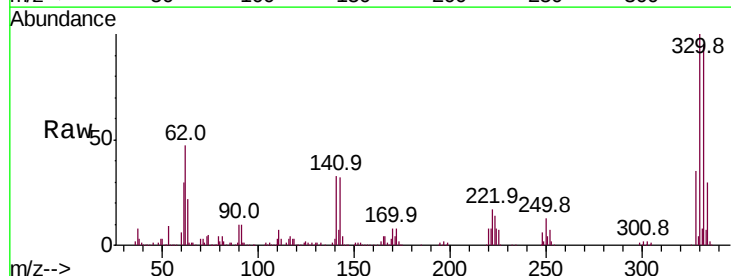
Instrument :
 BNA_F
 ClientSampleId :
 S-1

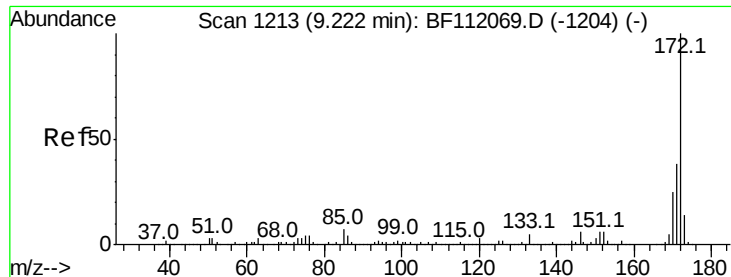
Tot Ion:164 Resp: 356693
 Ion Ratio Lower Upper
 164 100
 162 100.4 82.2 123.4
 160 44.9 36.2 54.4



#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



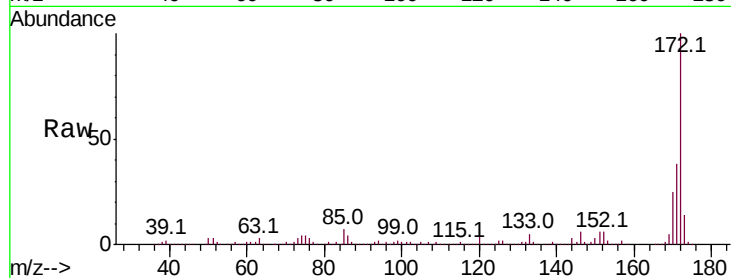


#45
2-Fluorobiphenyl
Concen: 90.188 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF112199.D
Acq: 23 Jan 2019 14:02

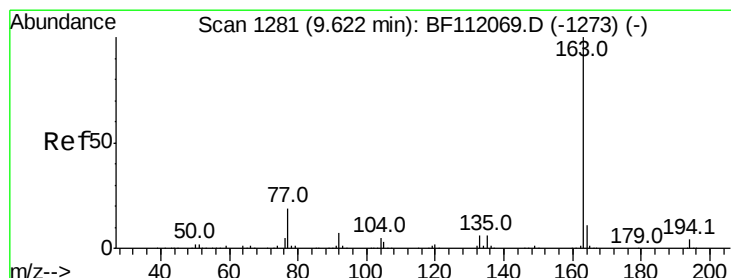
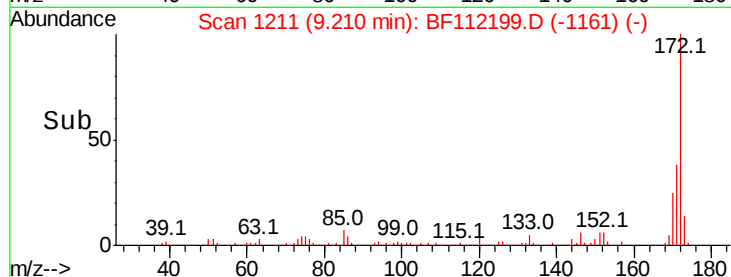
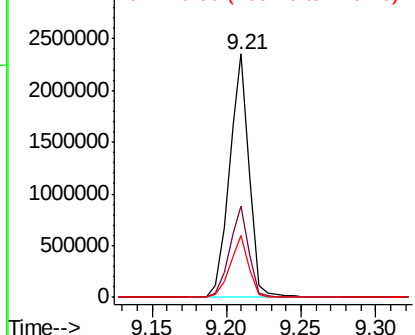
Instrument :
BNA_F
ClientSampleId :
S-1

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



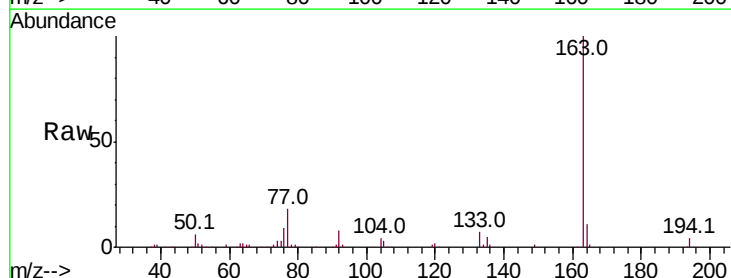
Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



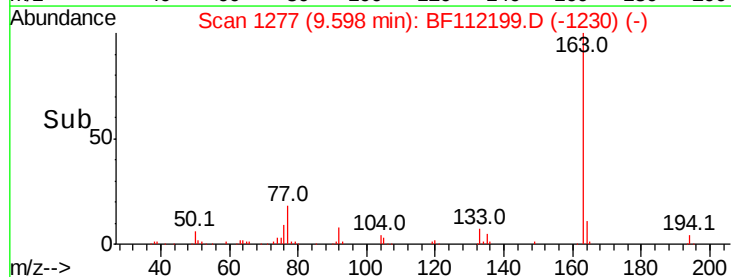
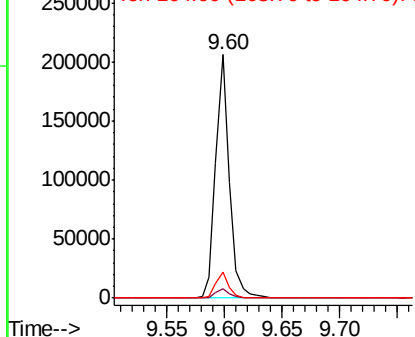
#50
Dimethylphthalate
Concen: 6.502 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.02 min
Lab File: BF112199.D
Acq: 23 Jan 2019 14:02

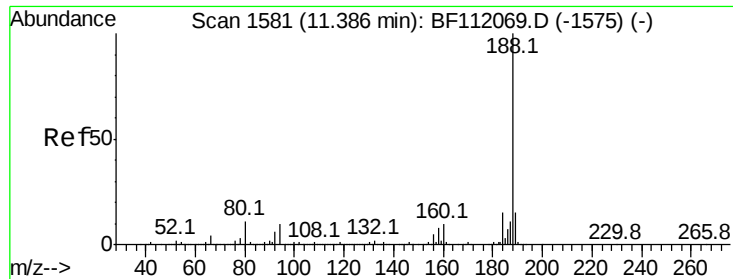
Tgt Ion:163 Resp: 169144

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





#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

Instrument :

BNA_F

ClientSampled :

S-1

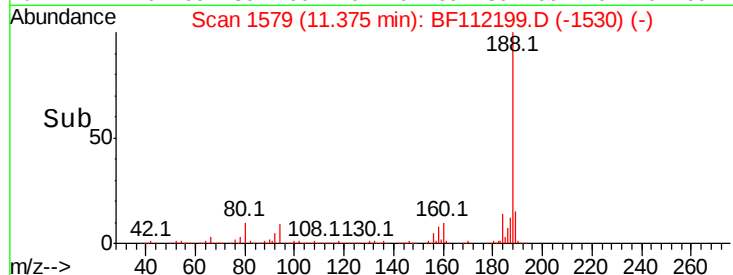
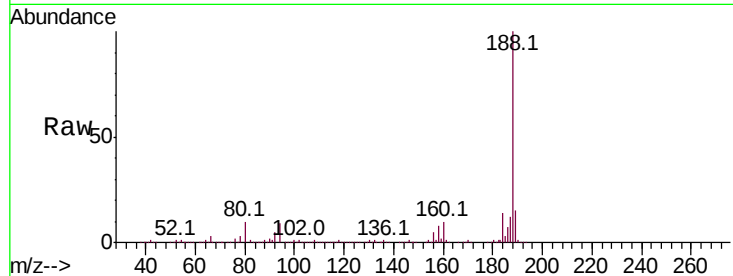
Tot Ion:188 Resp: 744001

Ion Ratio Lower Upper

188 100

94 9.1 8.2 12.2

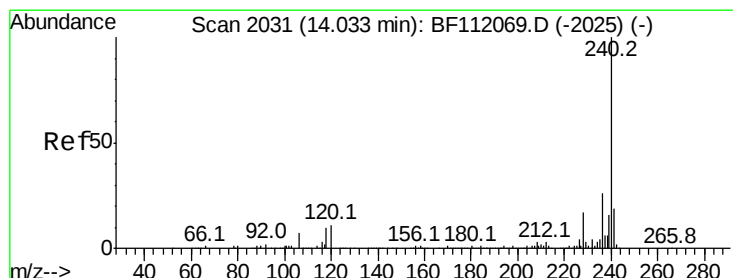
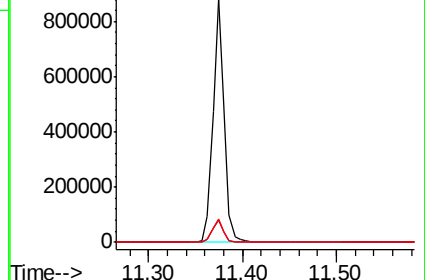
80 9.6 8.9 13.3



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



#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

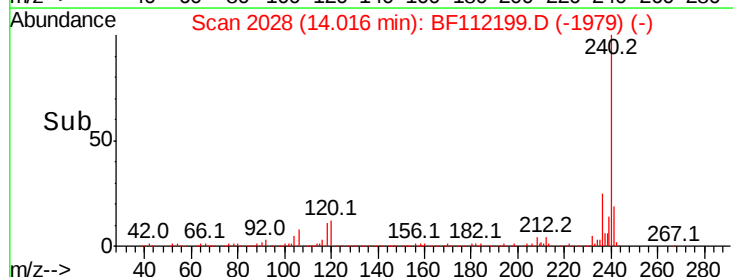
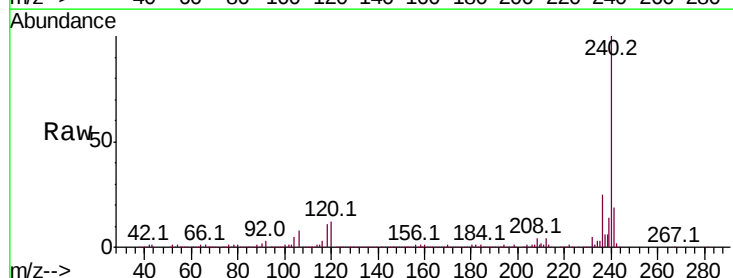
Tgt Ion:240 Resp: 735657

Ion Ratio Lower Upper

240 100

120 11.9 9.0 13.6

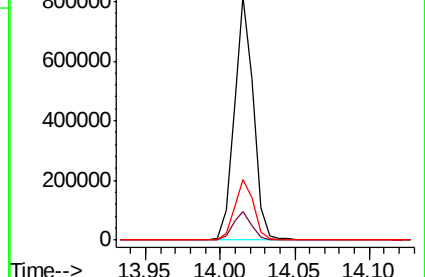
236 25.0 20.7 31.1

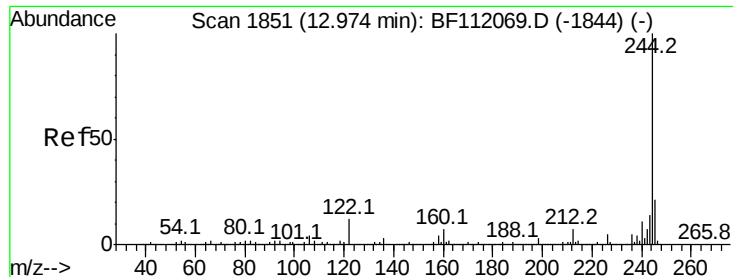


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

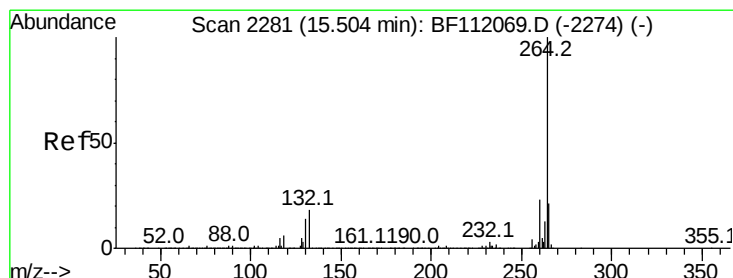
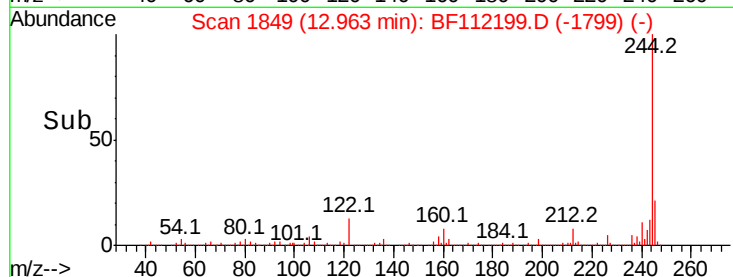
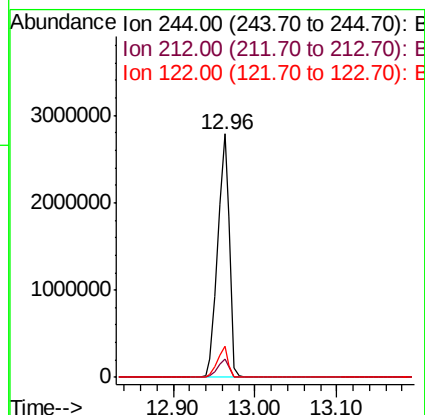
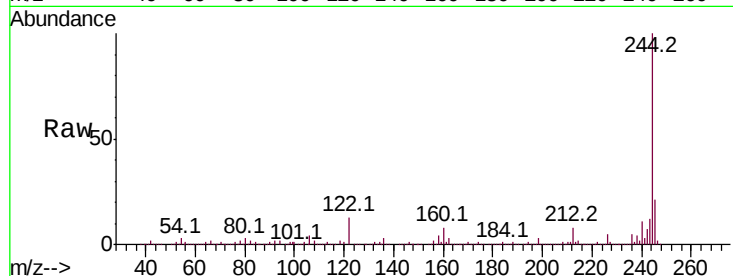




#79
 Terphenyl-d14
 Concen: 80.998 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.01 min
 Lab File: BF112199.D
 Acq: 23 Jan 2019 14:02

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion:244 Resp: 2800968
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.9 8.9
 122 12.7 9.8 14.6



#87
 Perylene-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

Tgt Ion:264 Resp: 670125
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.2 27.2
 265 21.5 17.0 25.4

