

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012119\
 Data File : BF112169.D
 Acq On : 21 Jan 2019 20:07
 Operator : JU/SJ
 Sample : K1013-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-011819-D

Quant Time: Jan 22 01:10:32 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	6.86	152	218736	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	729727	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	290766	20.00	ng	-0.01
64) Phenanthrene-d10	11.37	188	550148	20.00	ng	-0.01
76) Chrysene-d12	14.02	240	501916	20.00	ng	-0.01
87) Perylene-d12	15.49	264	359929	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1326757	110.09	ng	0.00
7) Phenol-d6	6.50	99	1392309	92.34	ng	0.00
23) Nitrobenzene-d5	7.42	82	1054680	99.85	ng	-0.01
42) 2,4,6-Tribromophenol	10.68	330	416083	132.65	ng	-0.01
45) 2-Fluorobiphenyl	9.21	172	1893224	95.46	ng	0.00
79) Terphenyl-d14	12.96	244	2140195	90.71	ng	0.00

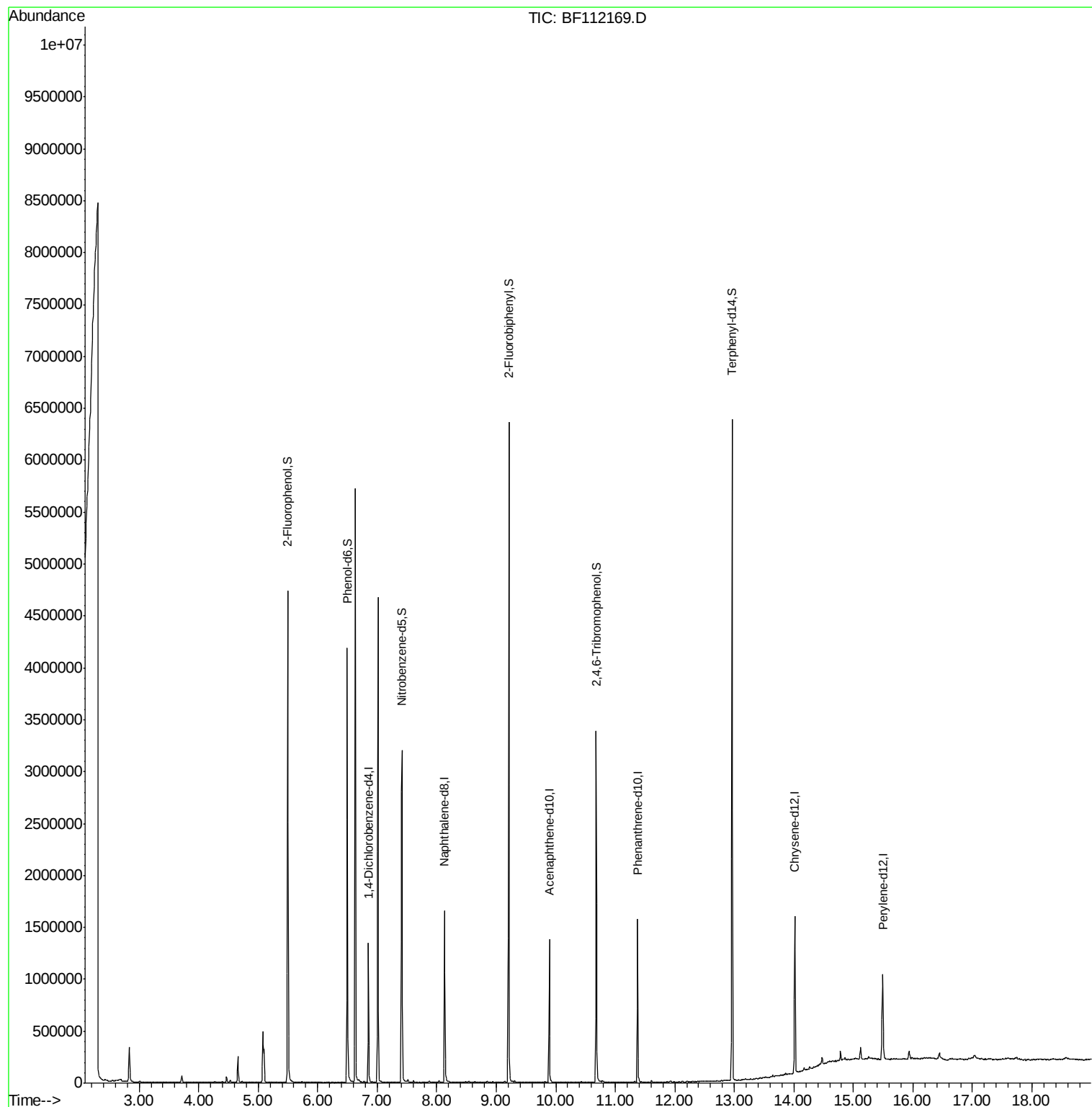
Target Compounds Qvalue

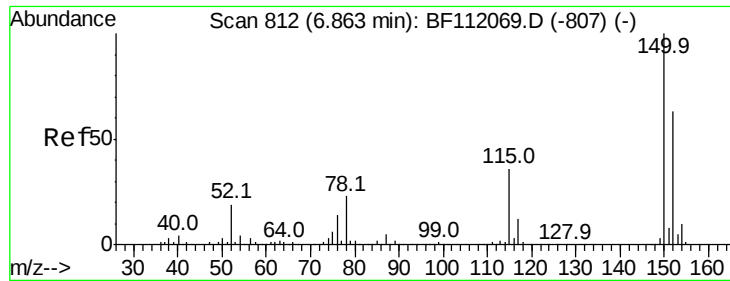
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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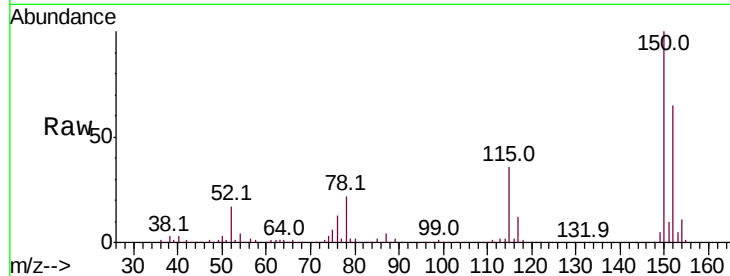


#1

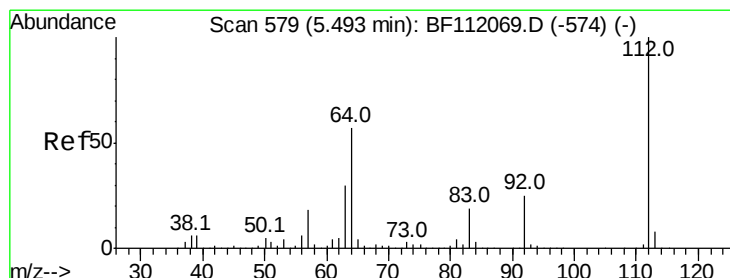
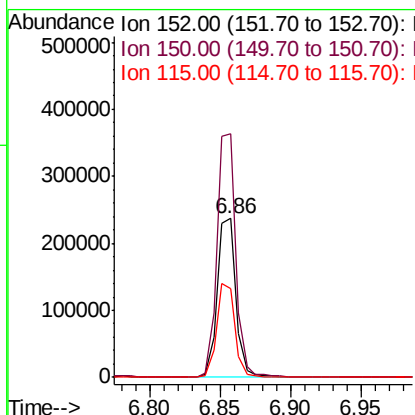
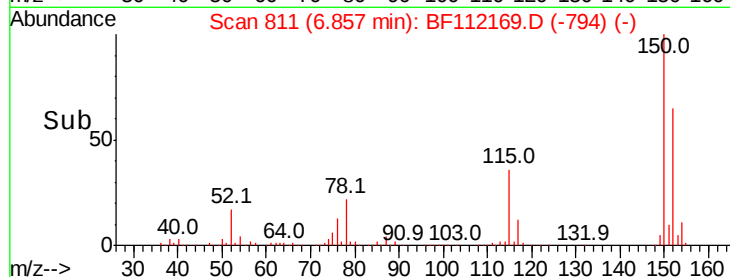
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF112169.D
Acq: 21 Jan 2019 20:07

Instrument :
BNA_F
ClientSampleId :
PL-01-011819-D

Tot Ion:152 Resp: 218736
Ion Ratio Lower Upper
152 100
150 153.5 127.4 191.0
115 55.7 45.5 68.3



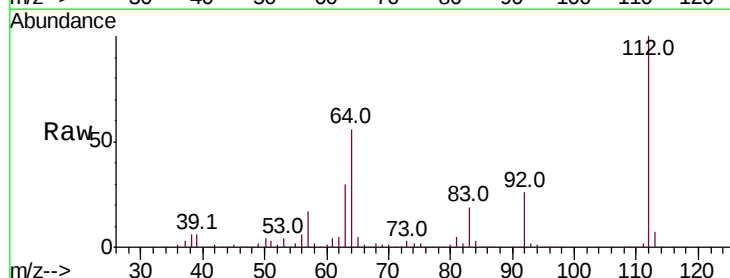
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



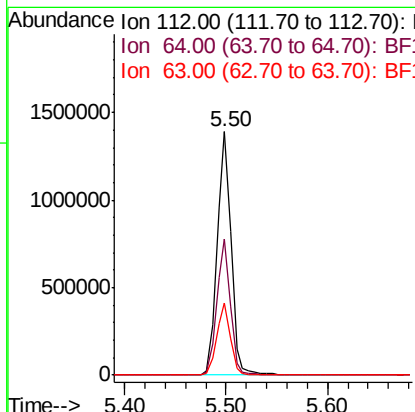
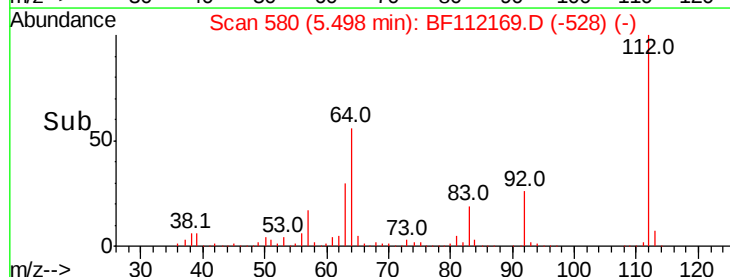
#5

2-Fluorophenol
Concen: 110.092 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF112169.D
Acq: 21 Jan 2019 20:07

Tgt Ion:112 Resp: 1326757
Ion Ratio Lower Upper
112 100
64 55.9 45.7 68.5
63 29.6 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: 92.340 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112169.D

Acq: 21 Jan 2019 20:07

Instrument :

BNA_F

ClientSampleId :

PL-01-011819-D

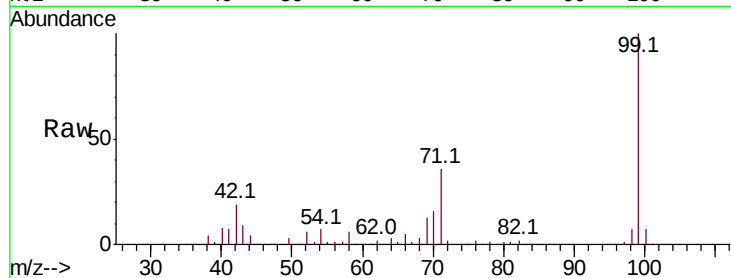
Tot Ion: 99 Resp: 1392309

Ion	Ratio	Lower	Upper
99	100		
42	19.2	15.1	22.7
71	35.8	26.9	40.3

99 100

42 19.2 15.1 22.7

71 35.8 26.9 40.3

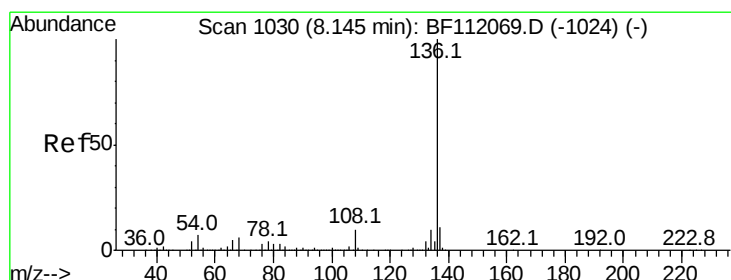
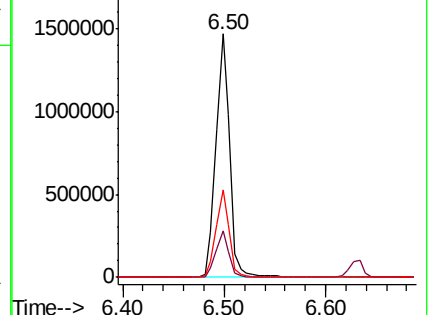
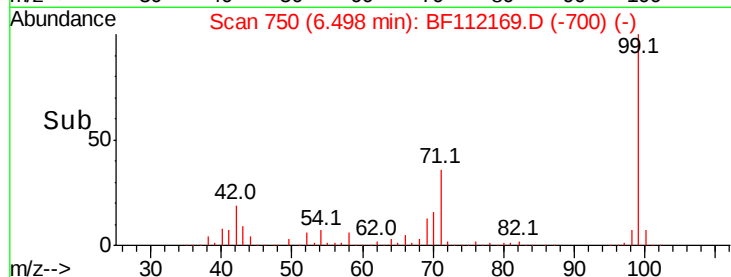


Abundance

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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF112169.D

Acq: 21 Jan 2019 20:07

Tgt Ion: 136 Resp: 729727

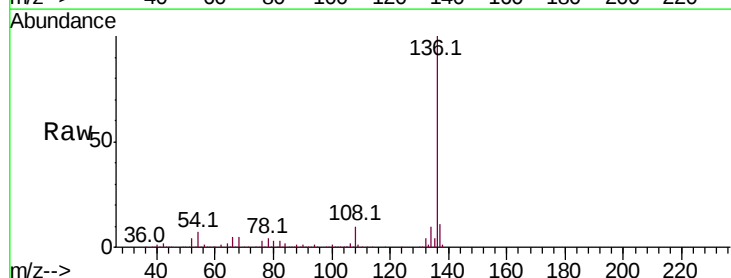
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	6.6	5.9	8.9
68	5.4	5.1	7.7

136 100

137 11.2 9.1 13.7

54 6.6 5.9 8.9

68 5.4 5.1 7.7



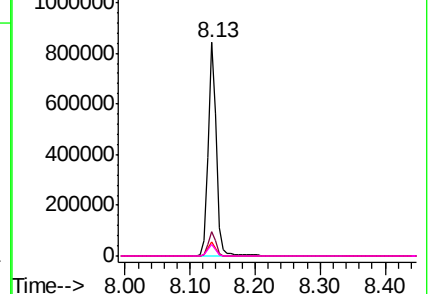
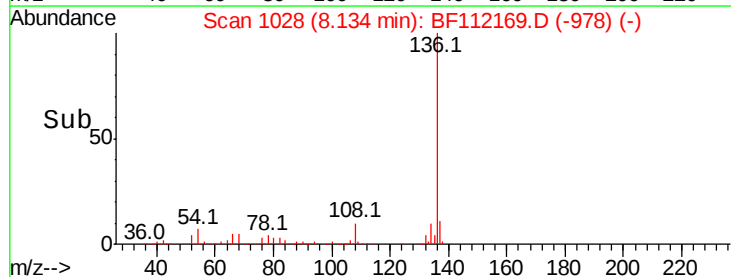
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



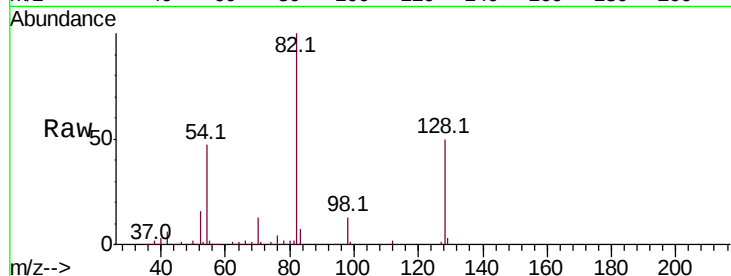


#23
 Nitrobenzene-d5
 Concen: 99.855 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BF112169.D
 Acq: 21 Jan 2019 20:07

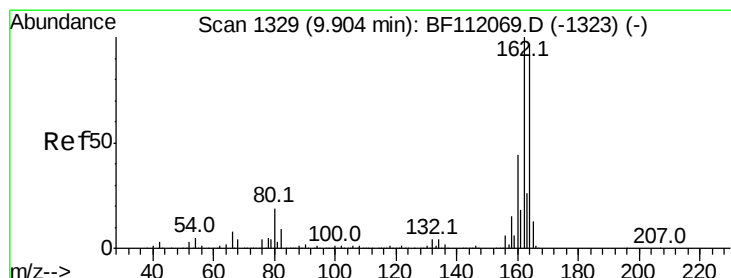
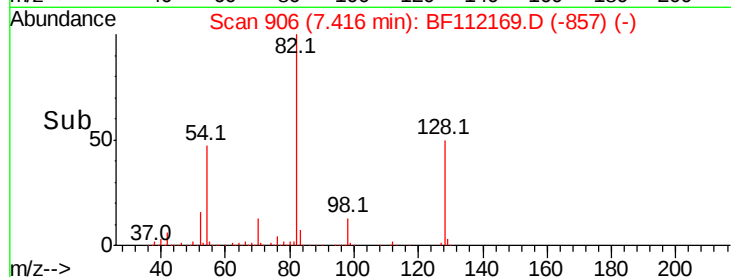
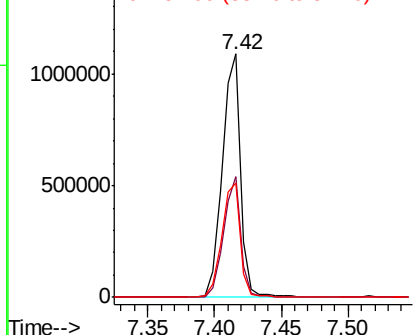
Instrument :
 BNA_F
 ClientSampleId :
 PL-01-011819-D

Tot Ion: 82 Resp: 1054680

Ion	Ratio	Lower	Upper
82	100		
128	49.6	37.8	56.8
54	46.8	39.7	59.5



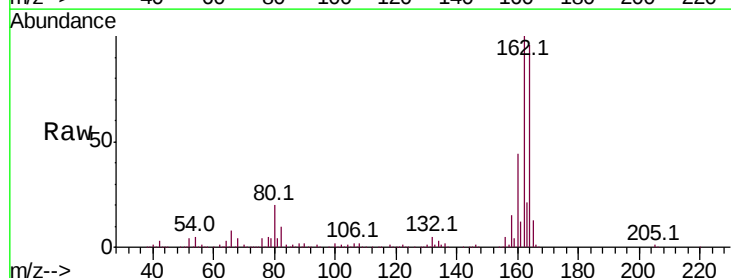
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1



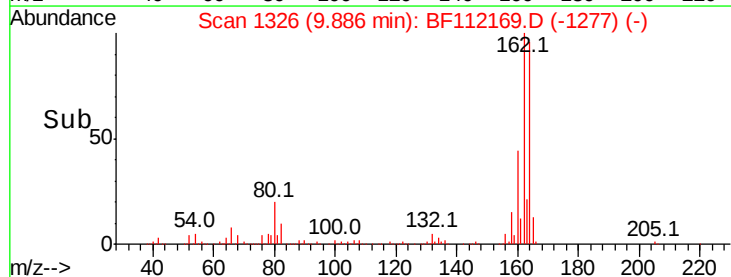
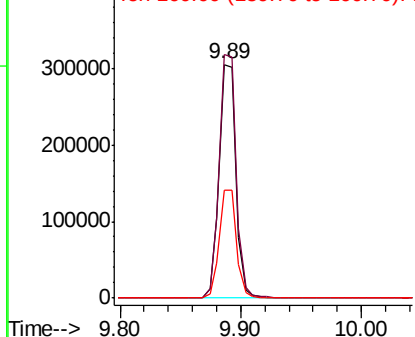
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.01 min
 Lab File: BF112169.D
 Acq: 21 Jan 2019 20:07

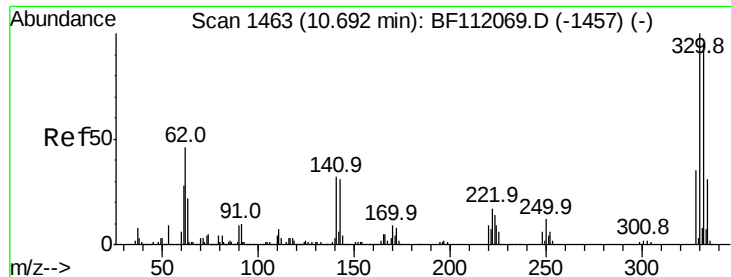
Tgt Ion:164 Resp: 290766

Ion	Ratio	Lower	Upper
164	100		
162	104.2	82.2	123.4
160	46.2	36.2	54.4



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

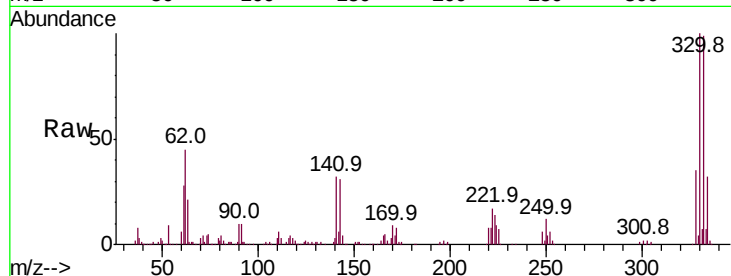




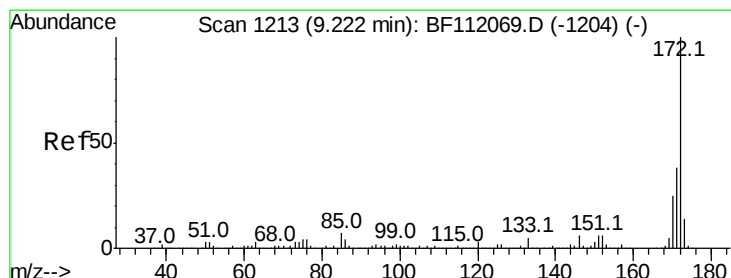
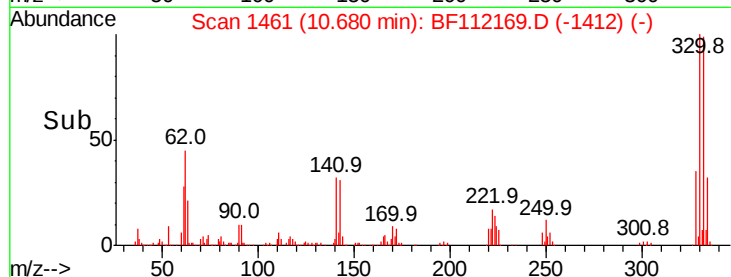
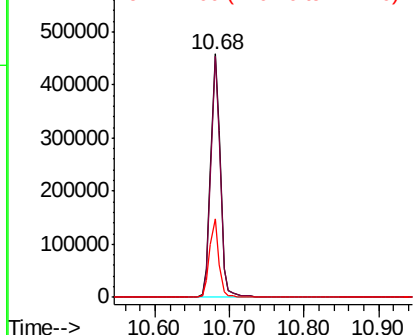
#42
 2,4,6-Tribromophenol
 Concen: 132.649 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF112169.D
 Acq: 21 Jan 2019 20:07

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-011819-D

Tot Ion:330 Resp: 416083
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.6 114.8
 141 31.4 24.3 36.5

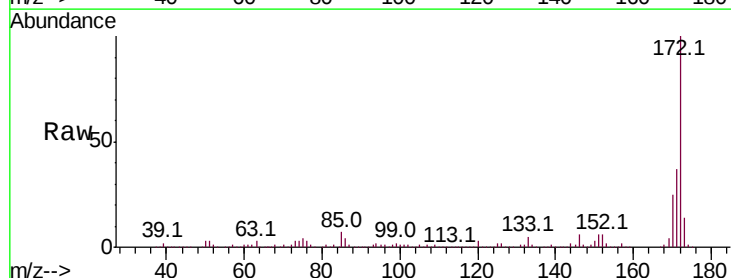


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

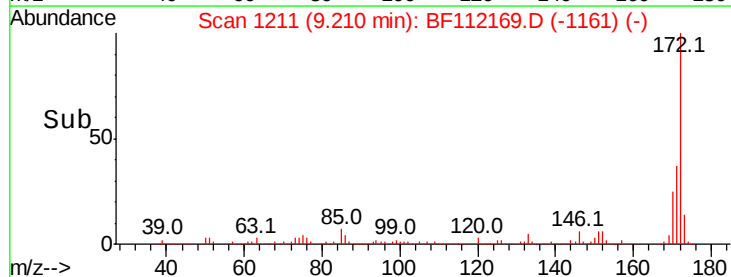
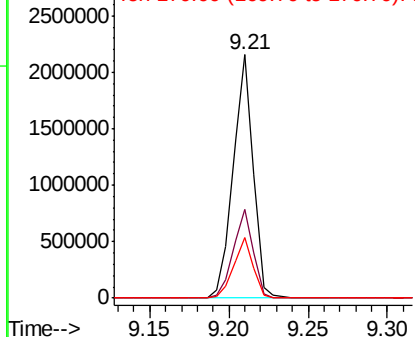


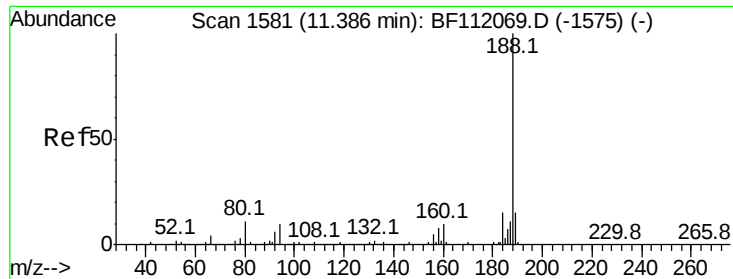
#45
 2-Fluorobiphenyl
 Concen: 95.461 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF112169.D
 Acq: 21 Jan 2019 20:07

Tgt Ion:172 Resp: 1893224
 Ion Ratio Lower Upper
 172 100
 171 36.7 30.5 45.7
 170 24.7 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

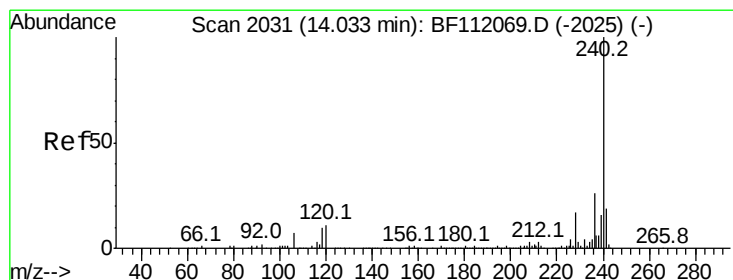
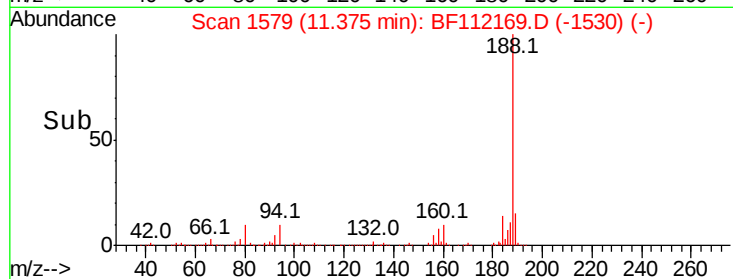
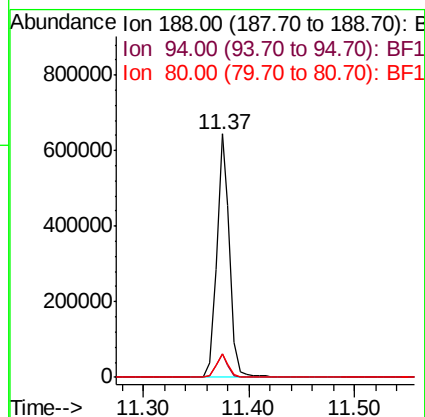
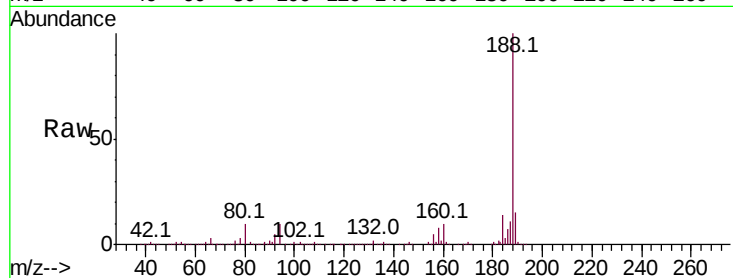




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF112169.D
Acq: 21 Jan 2019 20:07

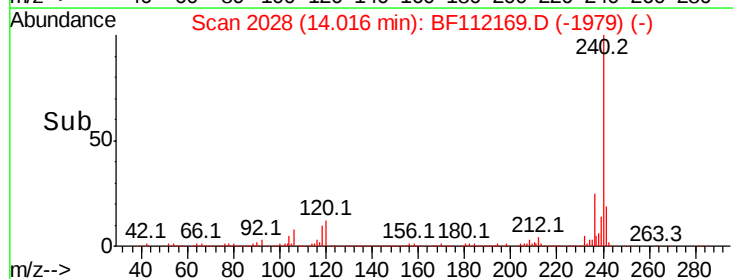
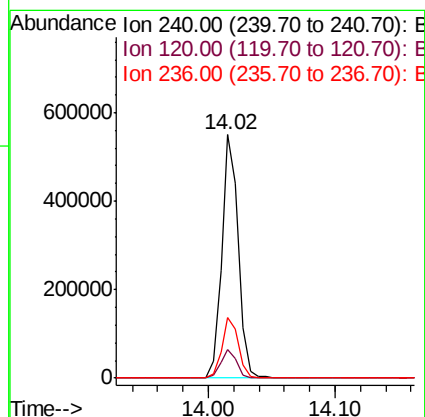
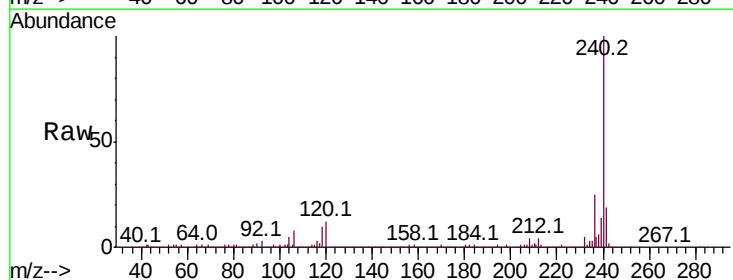
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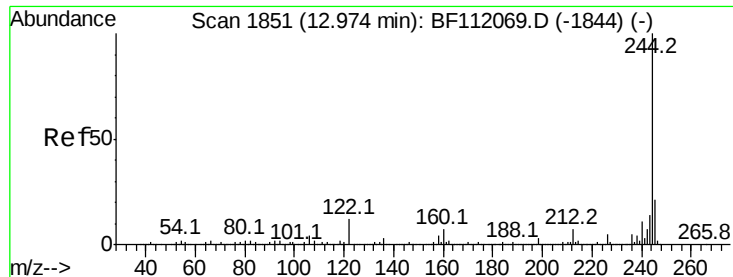
Tot Ion:188 Resp: 550148
Ion Ratio Lower Upper
188 100
94 9.6 8.2 12.2
80 9.7 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF112169.D
Acq: 21 Jan 2019 20:07

Tgt Ion:240 Resp: 501916
Ion Ratio Lower Upper
240 100
120 11.9 9.0 13.6
236 24.8 20.7 31.1



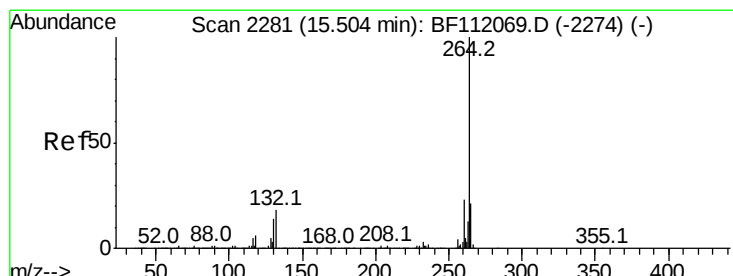
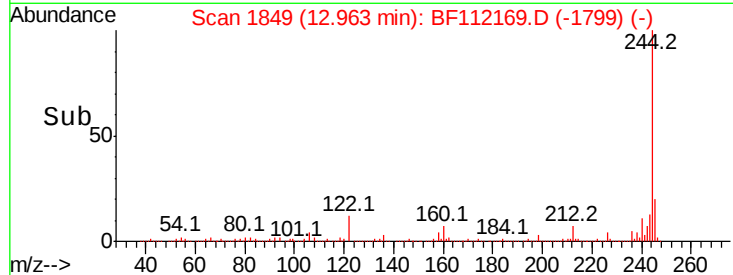
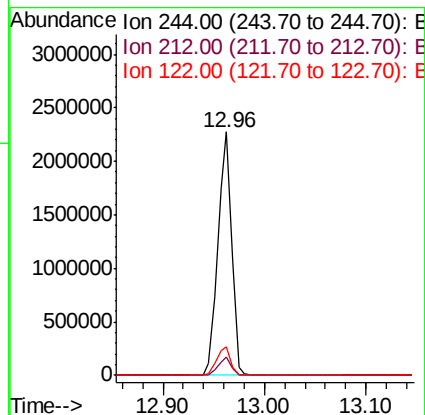
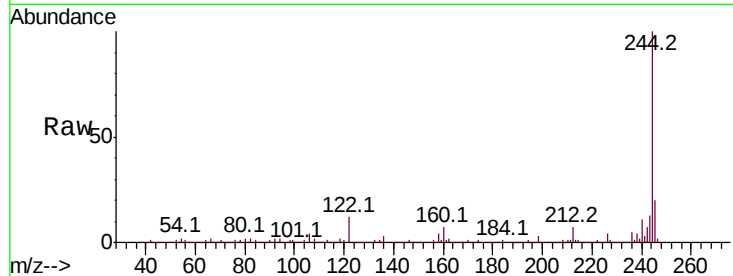


#79
 Terphenyl-d14
 Concen: 90.712 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.01 min
 Lab File: BF112169.D
 Acq: 21 Jan 2019 20:07

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-011819-D

Tot Ion:244 Resp: 2140195

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.9	8.9
122	11.6	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: BF112169.D
 Acq: 21 Jan 2019 20:07

Tgt Ion:264 Resp: 359929

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.2	27.2
265	21.7	17.0	25.4

