

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
 Data File : BF112112.D
 Acq On : 18 Jan 2019 2:30
 Operator : JU/SJ
 Sample : PB116445BL
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB116445BL

Quant Time: Jan 18 03:30:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 16 18:22:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	303756	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	1106058	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	507398	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	819012	20.00	ng	0.00
76) Chrysene-d12	14.02	240	652062	20.00	ng	-0.01
87) Perylene-d12	15.50	264	507424	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1224936	73.19	ng	0.00
7) Phenol-d6	6.50	99	1510694	72.15	ng	0.00
23) Nitrobenzene-d5	7.42	82	1336477	83.48	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	339206	61.97	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	2594173	74.96	ng	0.00
79) Terphenyl-d14	12.97	244	1986626	64.81	ng	0.00

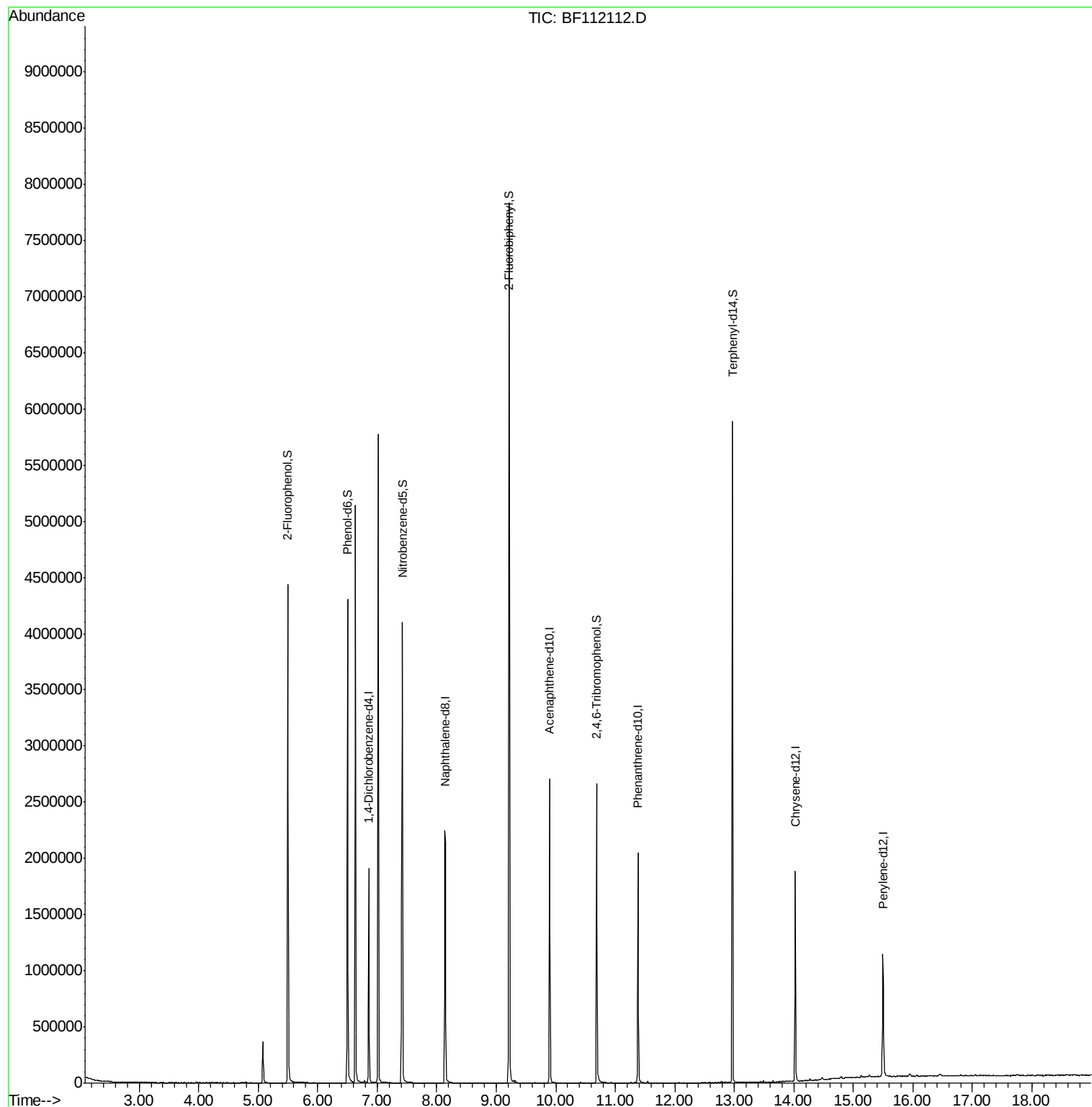
Target Compounds Qvalue

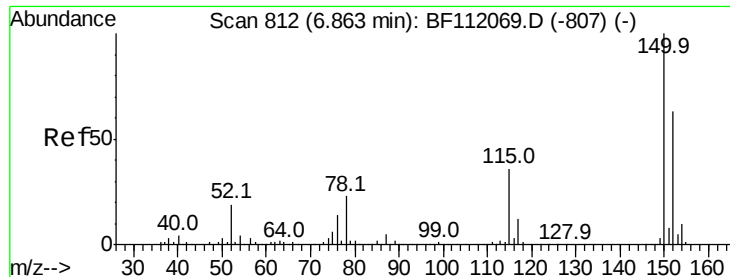
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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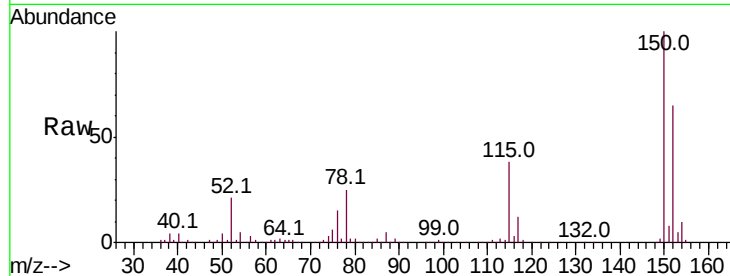


#1

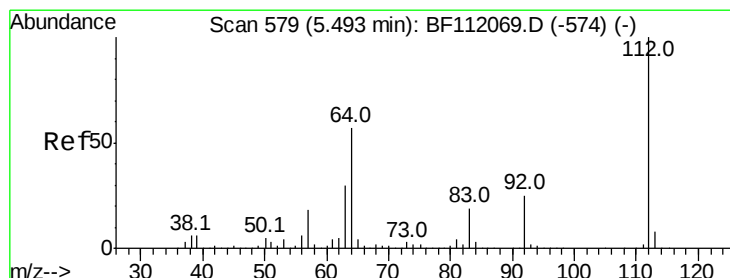
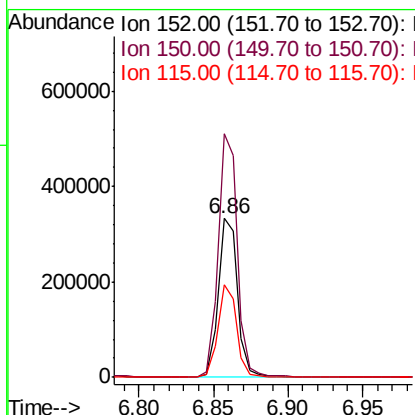
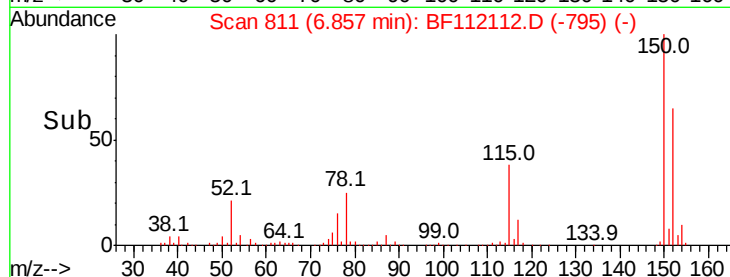
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF112112.D
 Acq: 18 Jan 2019 2:30

Instrument :
 BNA_F
 ClientSampleId :
 PB116445BL

Tot Ion:152 Resp: 303756
 Ion Ratio Lower Upper
 152 100
 150 153.2 127.4 191.0
 115 57.9 45.5 68.3



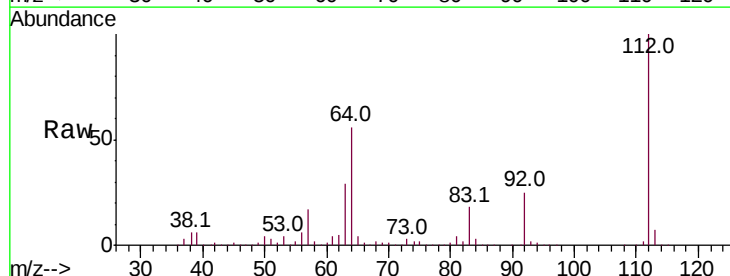
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



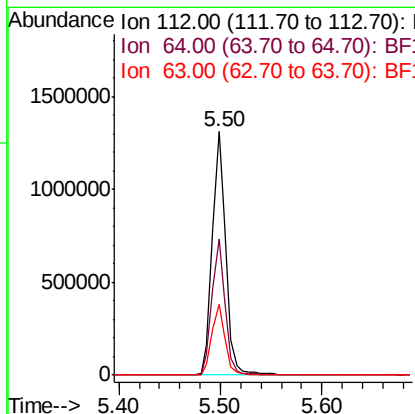
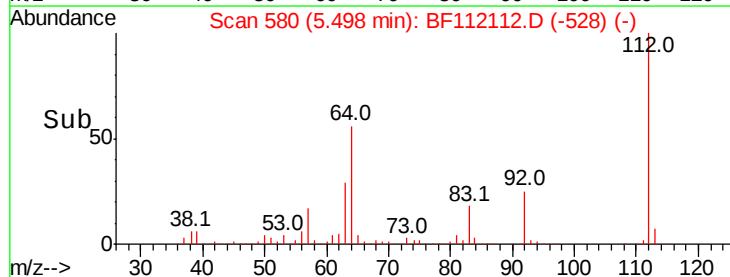
#5

2-Fluorophenol
 Concen: 73.194 ng
 RT: 5.50 min Scan# 580
 Delta R.T. 0.01 min
 Lab File: BF112112.D
 Acq: 18 Jan 2019 2:30

Tgt Ion:112 Resp: 1224936
 Ion Ratio Lower Upper
 112 100
 64 55.9 45.7 68.5
 63 29.2 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: 72.148 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF112112.D

Acq: 18 Jan 2019 2:30

Instrument :

BNA_F

ClientSampleId :

PB116445BL

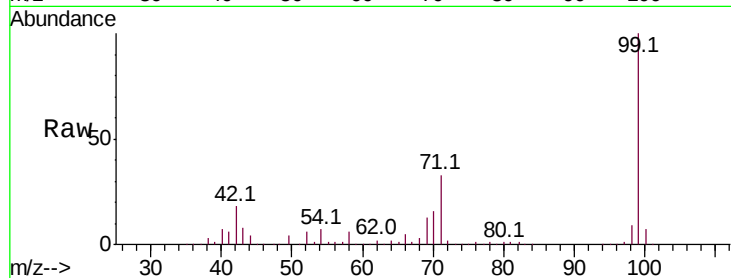
Tot Ion: 99 Resp: 1510694

Ion	Ratio	Lower	Upper
99	100		
42	17.7	15.1	22.7
71	32.8	26.9	40.3

99 100

42 17.7 15.1 22.7

71 32.8 26.9 40.3

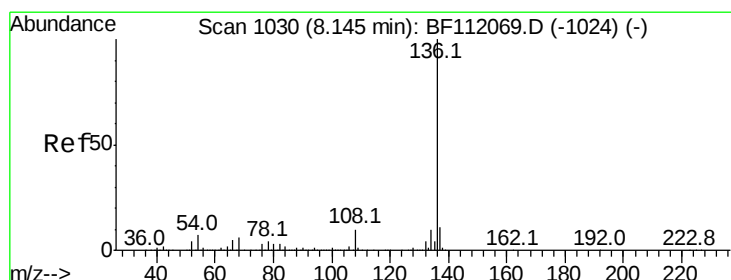
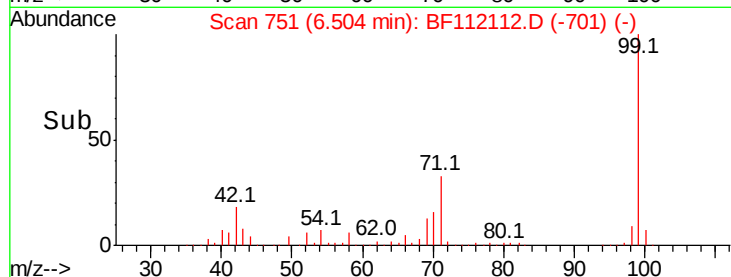
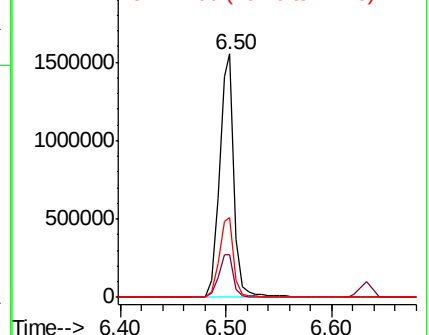


Abundance

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: 8.15 min Scan# 1030

Delta R.T. -0.00 min

Lab File: BF112112.D

Acq: 18 Jan 2019 2:30

Tgt Ion: 136 Resp: 1106058

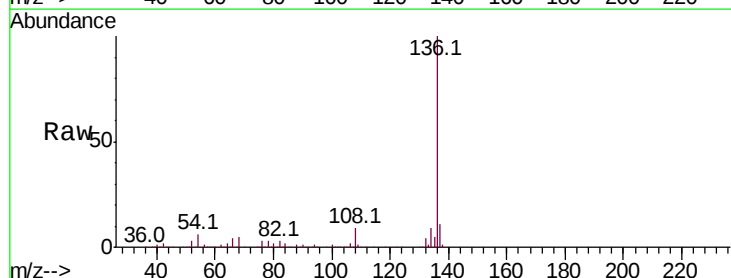
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	6.3	5.9	8.9
68	5.4	5.1	7.7

136 100

137 11.0 9.1 13.7

54 6.3 5.9 8.9

68 5.4 5.1 7.7



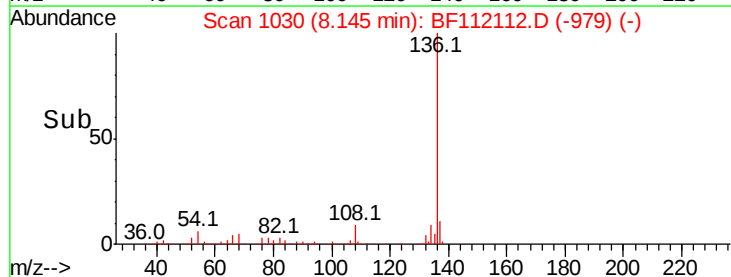
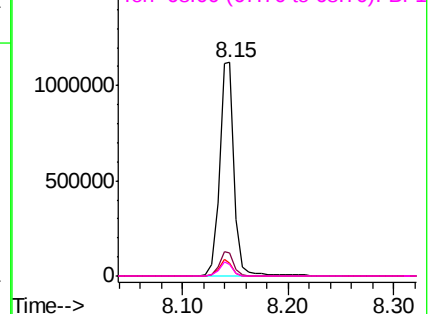
Abundance

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: 83.482 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.01 min

Lab File: BF112112.D

Acq: 18 Jan 2019 2:30

Instrument :

BNA_F

ClientSampleId :

PB116445BL

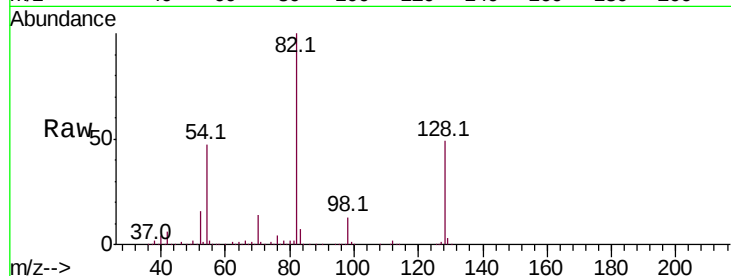
Tot Ion: 82 Resp: 1336477

Ion Ratio Lower Upper

82 100

128 49.2 37.8 56.8

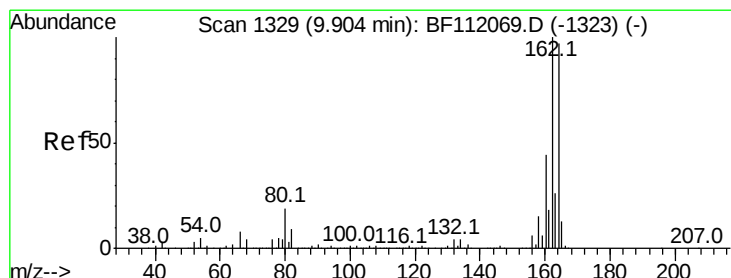
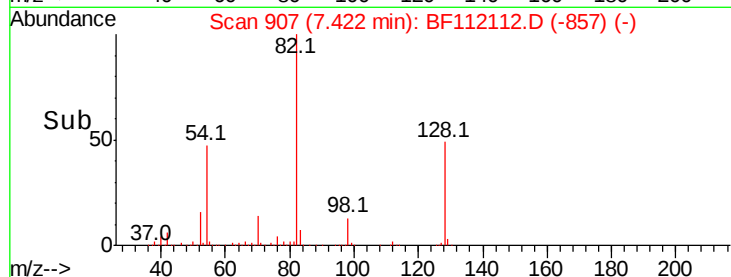
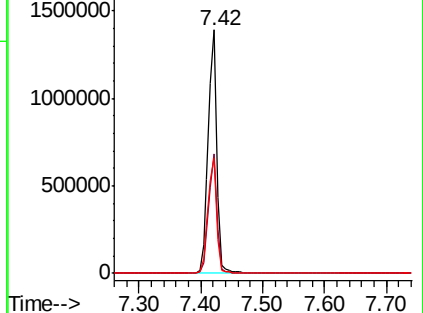
54 47.5 39.7 59.5



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: 9.90 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF112112.D

Acq: 18 Jan 2019 2:30

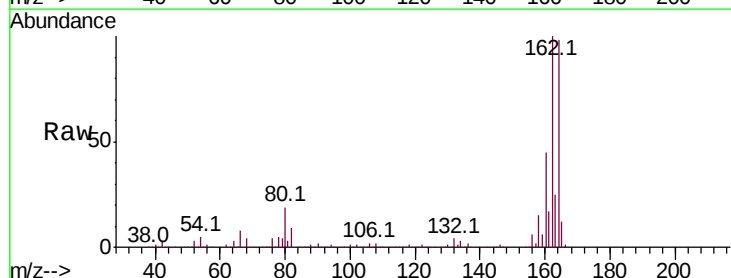
Tgt Ion: 164 Resp: 507398

Ion Ratio Lower Upper

164 100

162 102.3 82.2 123.4

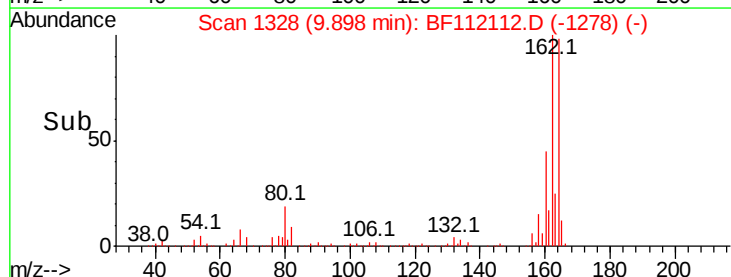
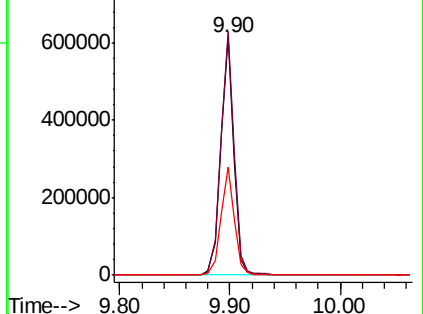
160 45.6 36.2 54.4



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

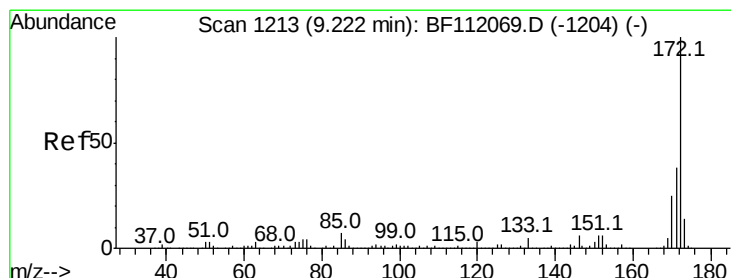
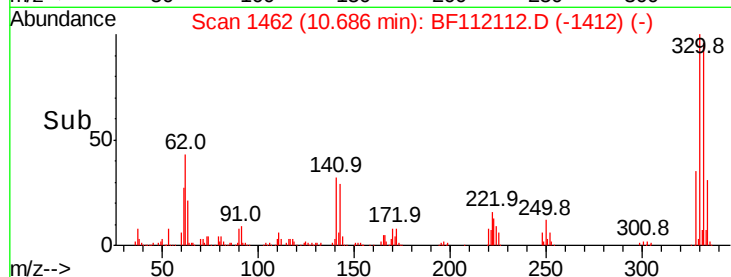
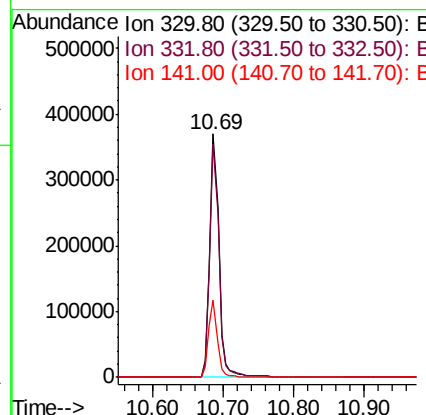
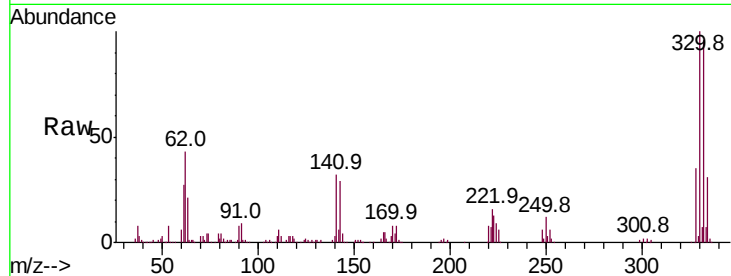




#42
 2,4,6-Tribromophenol
 Concen: 61.970 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: BF112112.D
 Acq: 18 Jan 2019 2:30

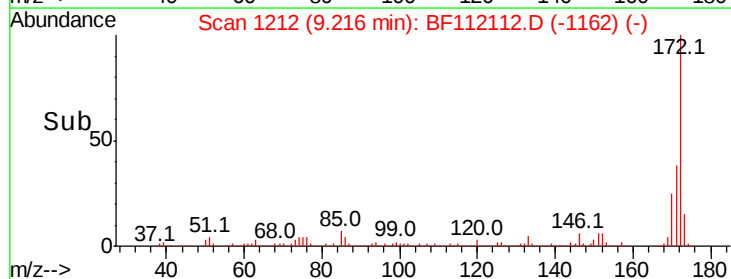
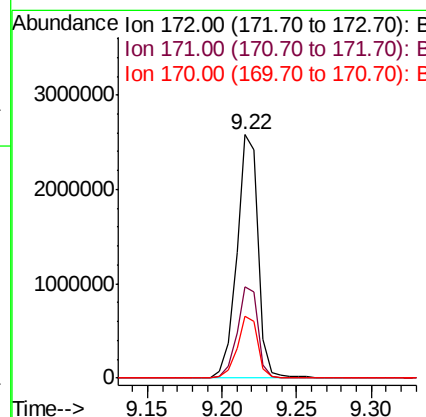
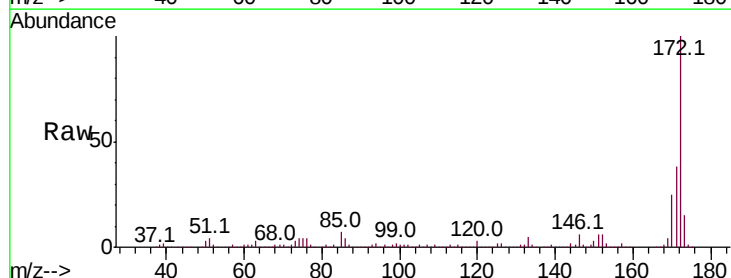
Instrument :
 BNA_F
 ClientSampleId :
 PB116445BL

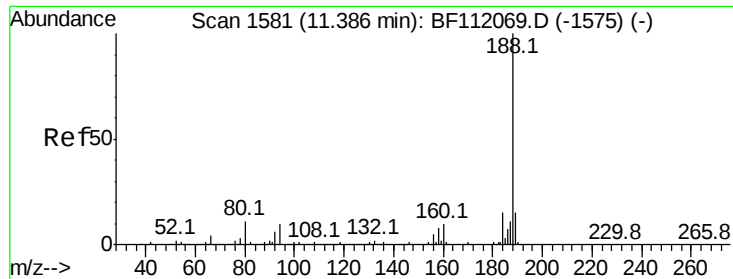
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.6	114.8
141	30.8	24.3	36.5



#45
 2-Fluorobiphenyl
 Concen: 74.958 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF112112.D
 Acq: 18 Jan 2019 2:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.5	45.7
170	25.3	20.2	30.4

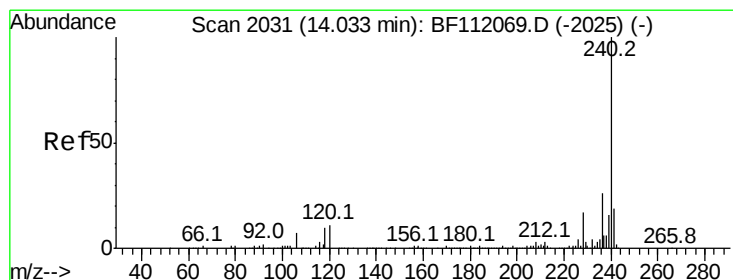
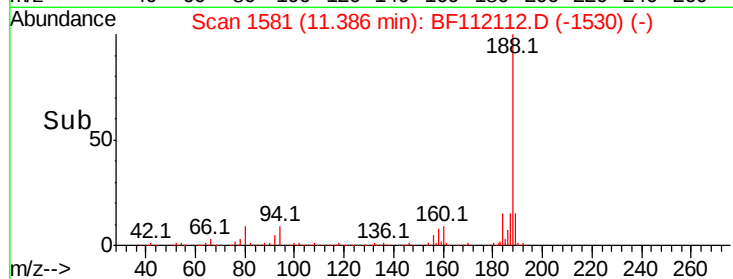
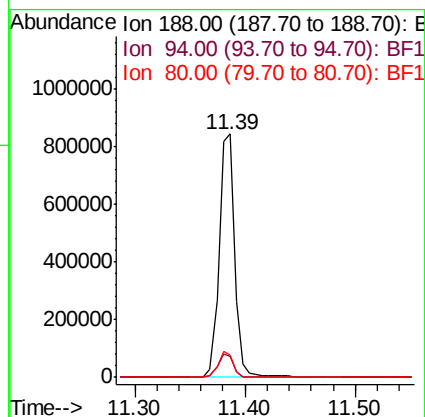
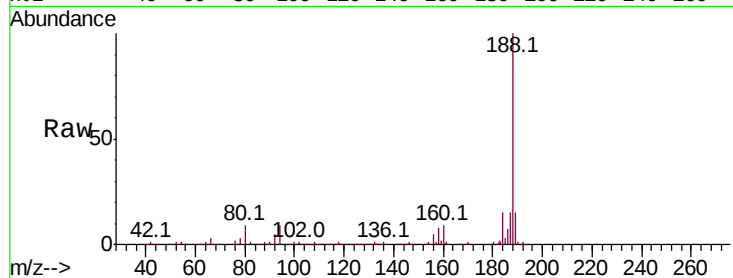




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.00 min
Lab File: BF112112.D
Acq: 18 Jan 2019 2:30

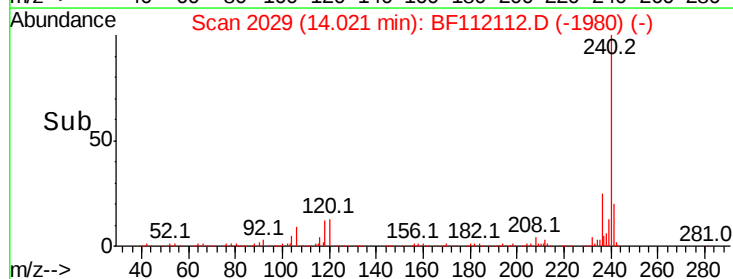
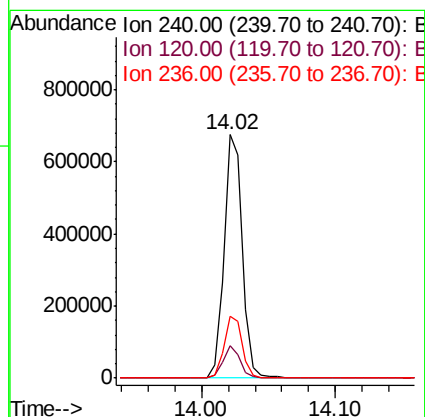
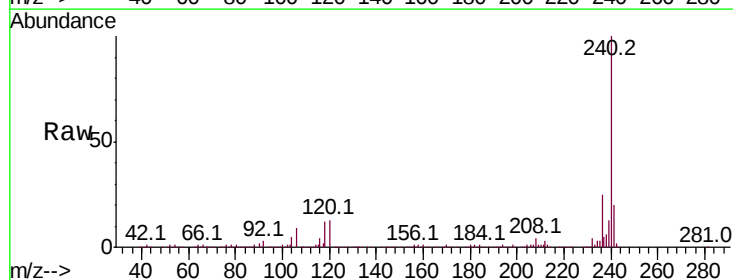
Instrument :
BNA_F
ClientSampleId :
PB116445BL

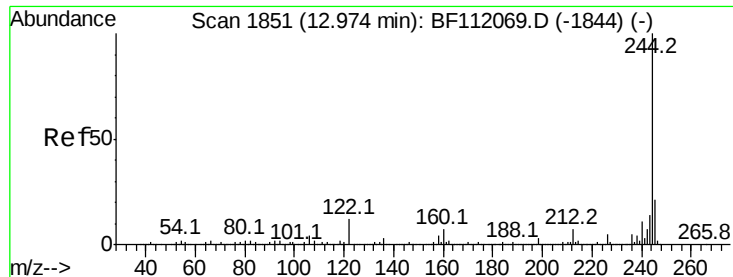
Tot Ion:188 Resp: 819012
Ion Ratio Lower Upper
188 100
94 8.8 8.2 12.2
80 9.2 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF112112.D
Acq: 18 Jan 2019 2:30

Tgt Ion:240 Resp: 652062
Ion Ratio Lower Upper
240 100
120 13.4 9.0 13.6
236 25.4 20.7 31.1





#79

Terphenyl-d14

Concen: 64.814 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BF112112.D

Acq: 18 Jan 2019 2:30

Instrument :

BNA_F

ClientSampleId :

PB116445BL

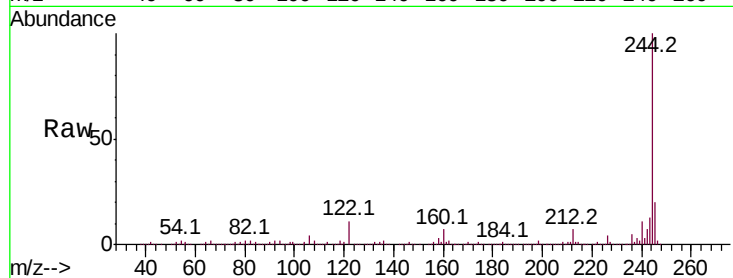
Tot Ion:244 Resp: 1986626

Ion Ratio Lower Upper

244 100

212 6.7 5.9 8.9

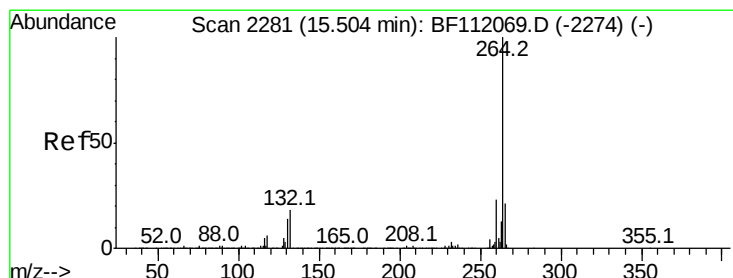
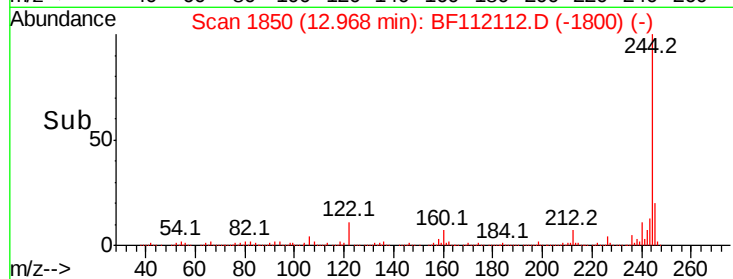
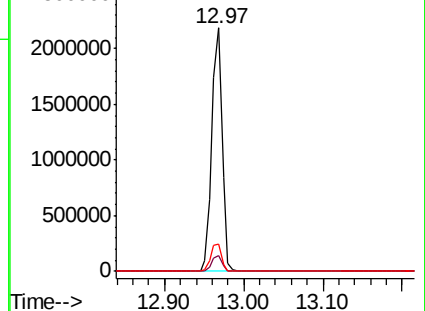
122 11.1 9.8 14.6



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

Perylene-d12

Concen: 20.000 ng

RT: 15.50 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BF112112.D

Acq: 18 Jan 2019 2:30

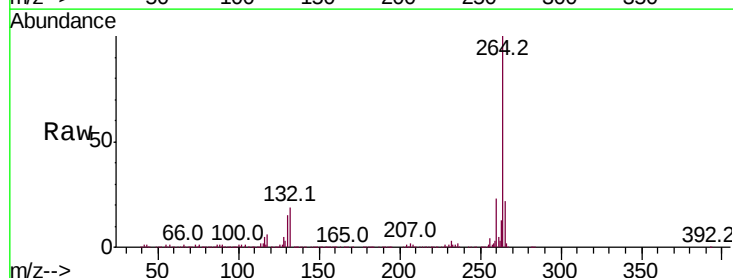
Tgt Ion:264 Resp: 507424

Ion Ratio Lower Upper

264 100

260 22.9 18.2 27.2

265 21.9 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

