

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020619\
 Data File : BF112418.D
 Acq On : 6 Feb 2019 14:25
 Operator : JU/SJ
 Sample : K1338-01 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-020519-A

Quant Time: Feb 06 15:27:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 25 16:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	153090	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	589296	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	288191	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	557308	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	363017	20.00	ng	-0.02
87) Perylene-d12	15.47	264	333212	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	157141	21.80	ng	-0.02
7) Phenol-d6	6.48	99	201741	20.14	ng	-0.03
23) Nitrobenzene-d5	7.39	82	119086	11.64	ng	-0.03
42) 2,4,6-Tribromophenol	10.66	330	60835	18.14	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	238118	11.69	ng	-0.02
79) Terphenyl-d14	12.94	244	231630	12.02	ng	-0.02

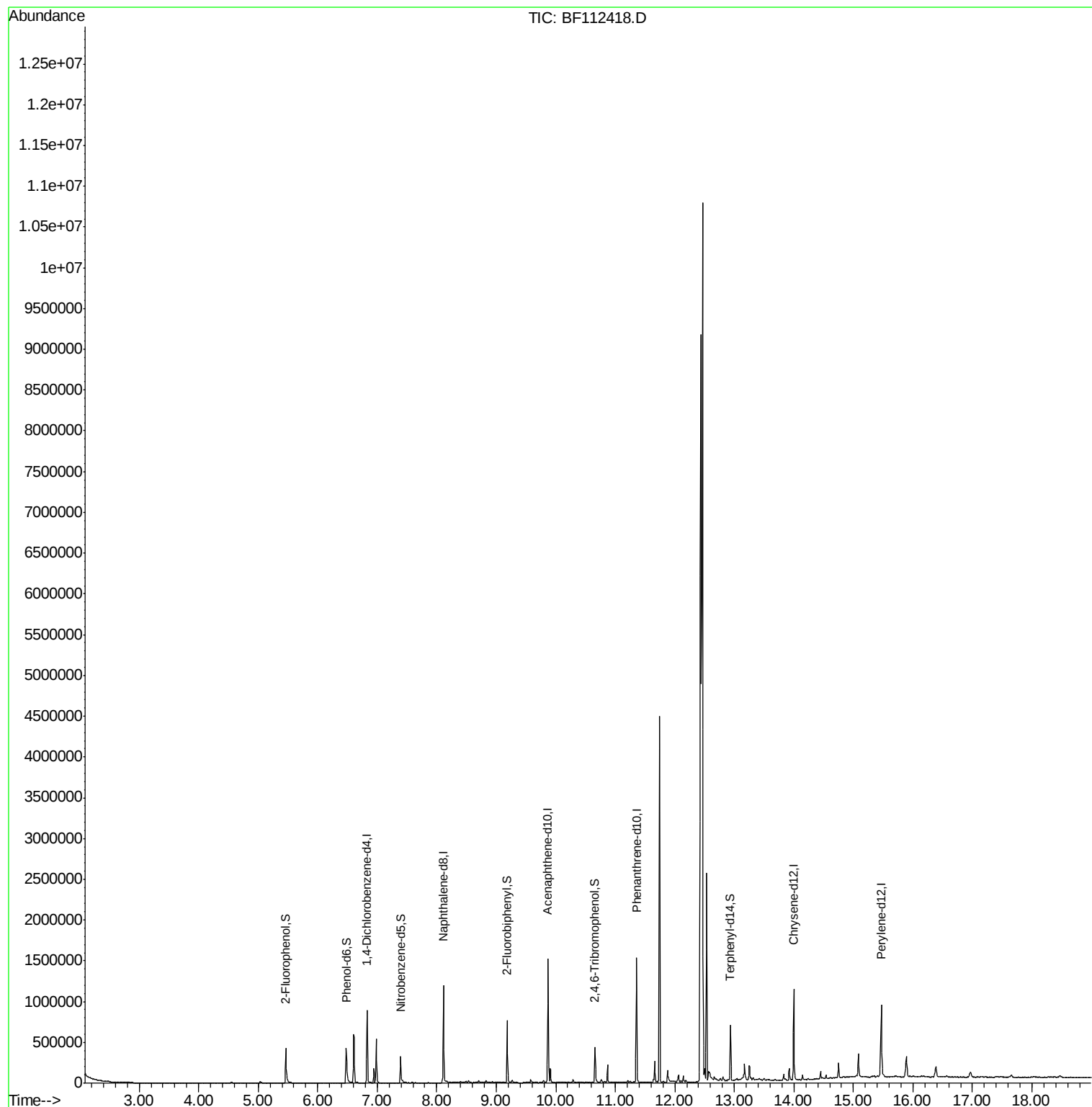
Target Compounds Qvalue

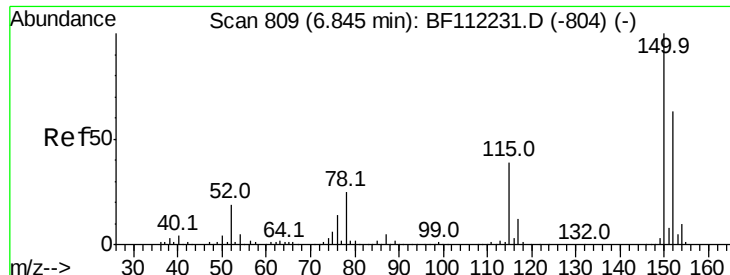
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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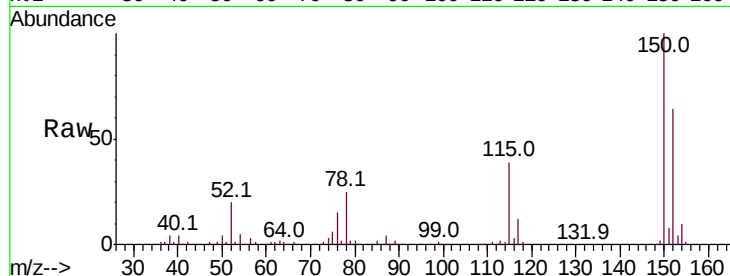


#1

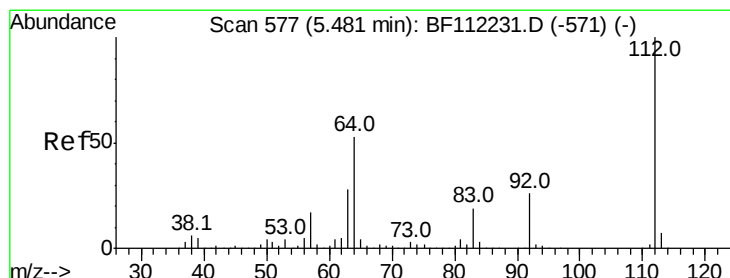
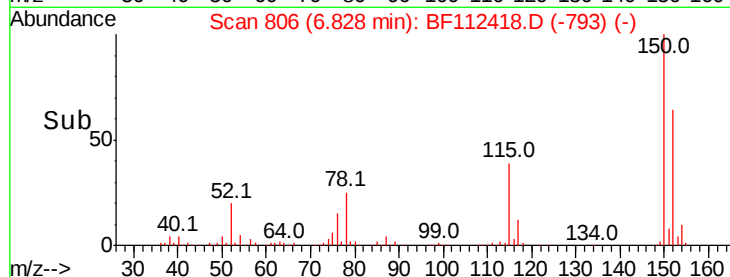
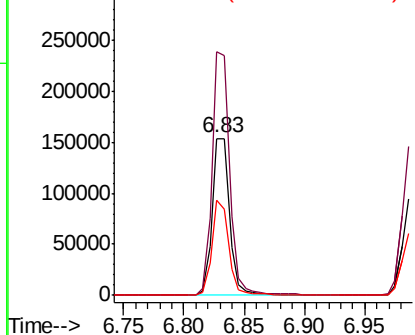
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.02 min
Lab File: BF112418.D
Acq: 6 Feb 2019 14:25

Instrument :
BNA_F
ClientSampleId :
AU-06-020519-A

Tot Ion:152 Resp: 153090
Ion Ratio Lower Upper
152 100
150 155.5 127.4 191.0
115 60.5 45.5 68.3



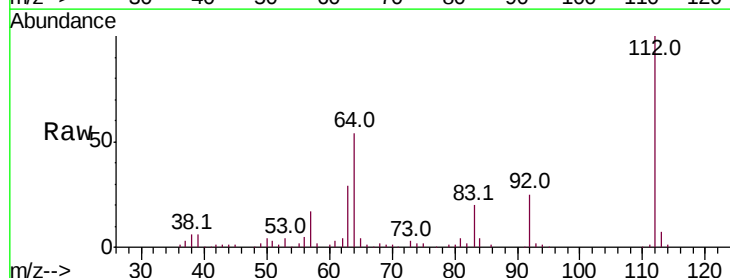
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



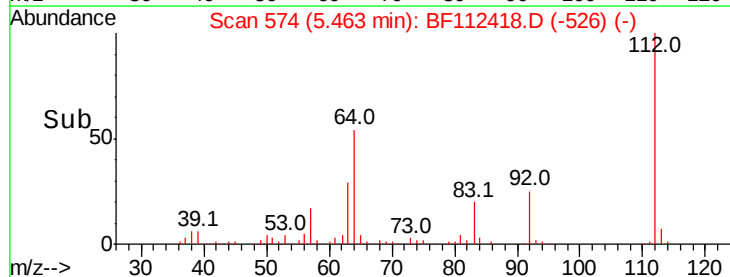
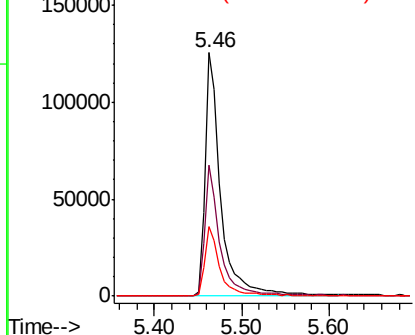
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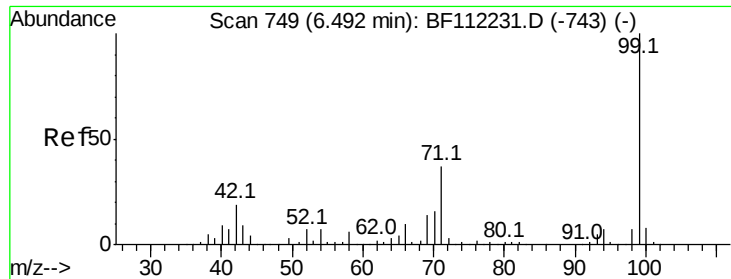
2-Fluorophenol
Concen: 21.803 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.02 min
Lab File: BF112418.D
Acq: 6 Feb 2019 14:25

Tgt Ion:112 Resp: 157141
Ion Ratio Lower Upper
112 100
64 53.8 45.7 68.5
63 28.7 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: 20.144 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.03 min

Lab File: BF112418.D

Acq: 6 Feb 2019 14:25

Instrument :

BNA_F

ClientSampleId :

AU-06-020519-A

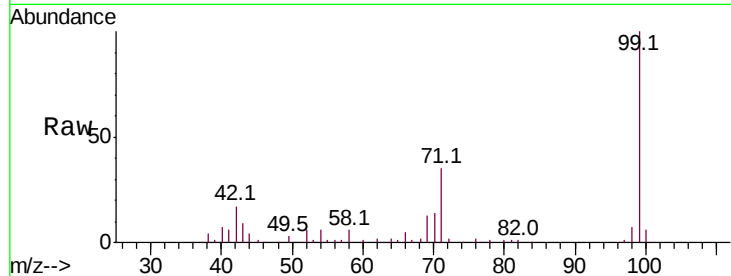
Tot Ion: 99 Resp: 201741

Ion Ratio Lower Upper

99 100

42 16.9 15.1 22.7

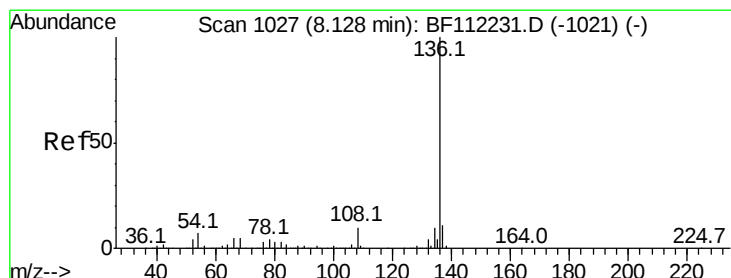
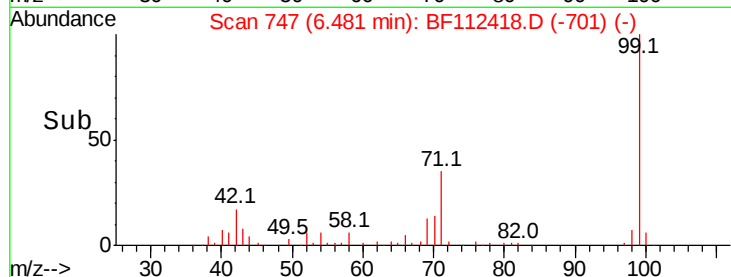
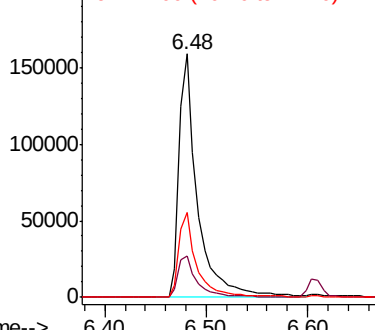
71 34.8 26.9 40.3



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: 8.12 min Scan# 1025

Delta R.T. -0.02 min

Lab File: BF112418.D

Acq: 6 Feb 2019 14:25

Tgt Ion: 136 Resp: 589296

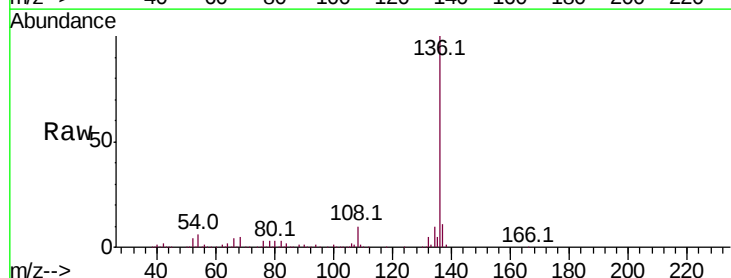
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 5.9 5.9 8.9#

68 4.8 5.1 7.7#

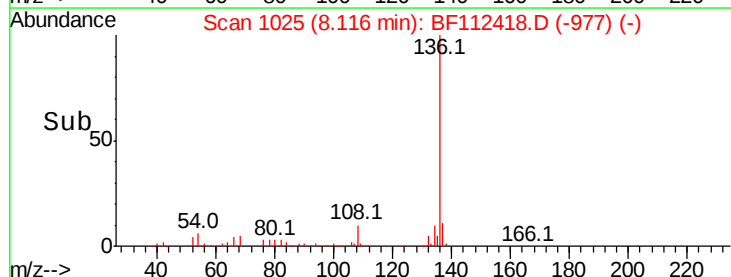
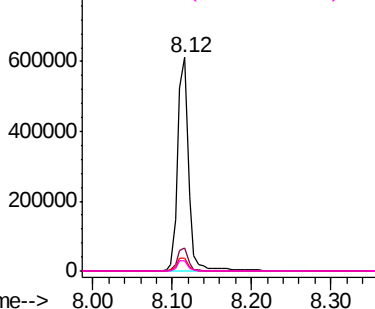


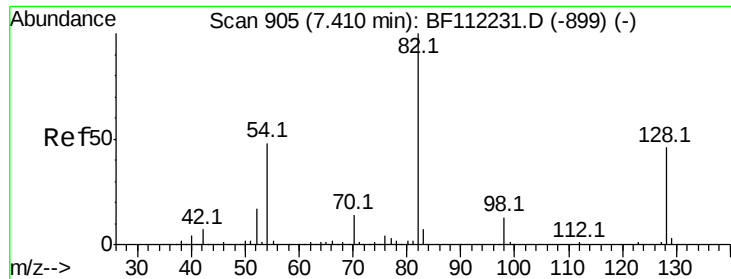
Abundance Ion 136.00 (135.70 to 136.70): E

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

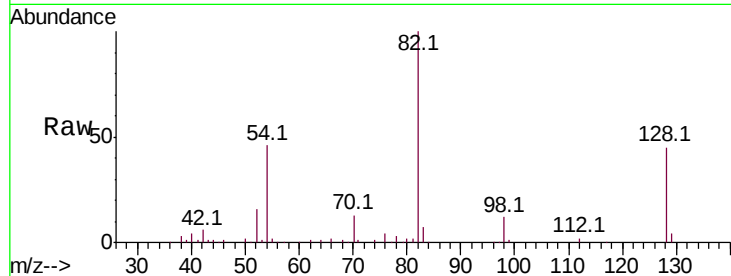




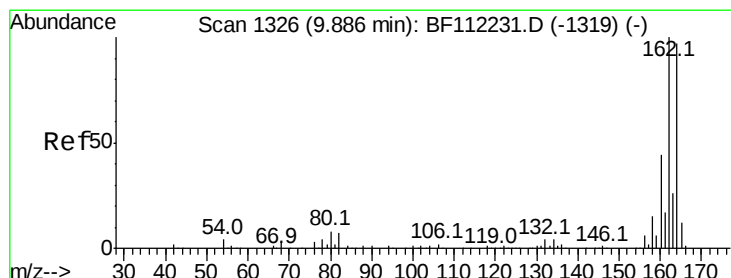
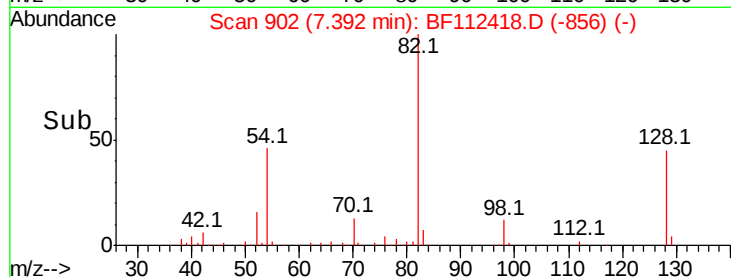
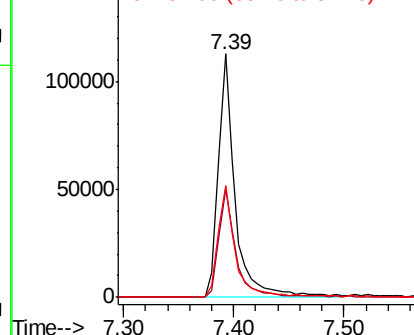
#23
 Nitrobenzene-d5
 Concen: 11.644 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.03 min
 Lab File: BF112418.D
 Acq: 6 Feb 2019 14:25

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-020519-A

Tot Ion: 82 Resp: 119086
 Ion Ratio Lower Upper
 82 100
 128 44.6 37.8 56.8
 54 45.7 39.7 59.5

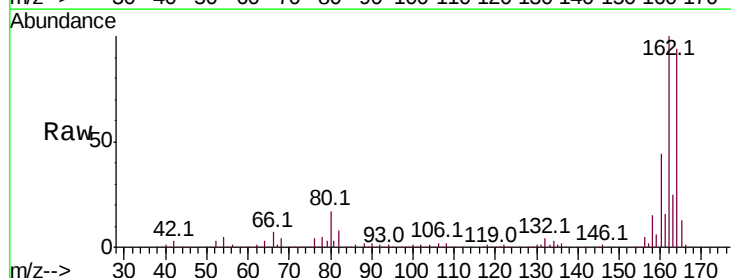


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

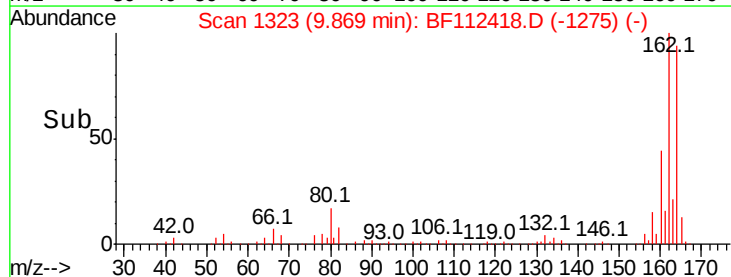
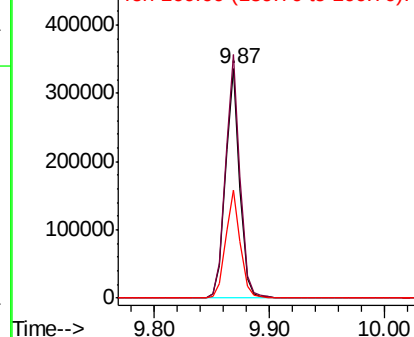


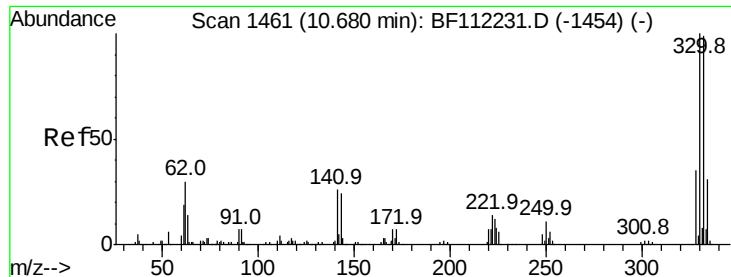
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF112418.D
 Acq: 6 Feb 2019 14:25

Tgt Ion:164 Resp: 288191
 Ion Ratio Lower Upper
 164 100
 162 106.2 82.2 123.4
 160 47.1 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

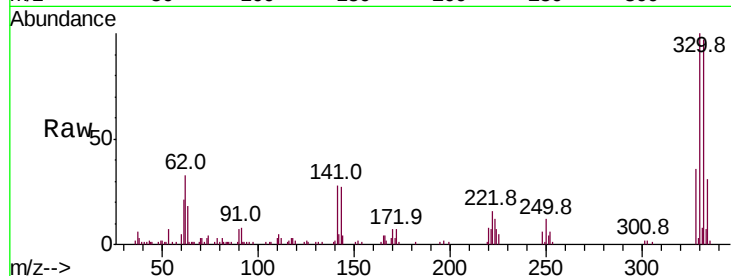




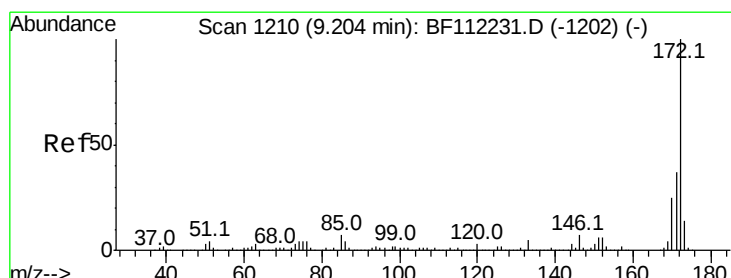
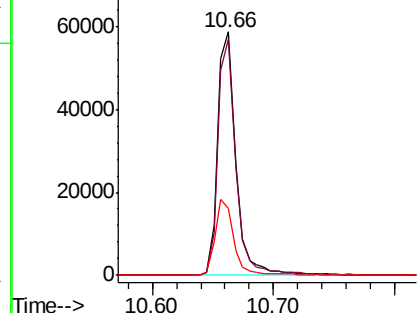
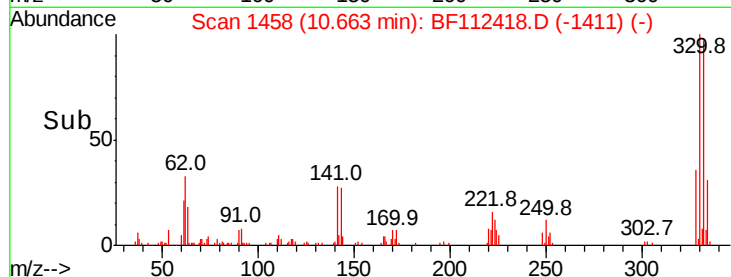
#42
 2,4,6-Tribromophenol
 Concen: 18.136 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.02 min
 Lab File: BF112418.D
 Acq: 6 Feb 2019 14:25

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-020519-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.5	76.6	114.8
141	31.9	24.3	36.5

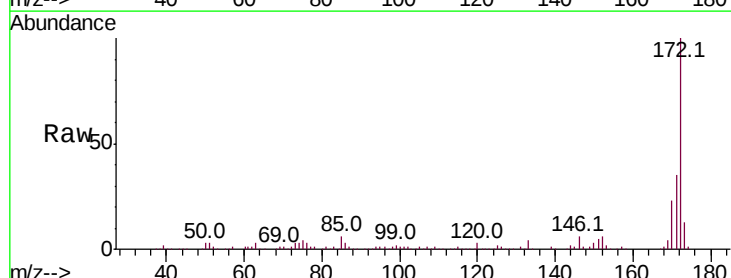


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

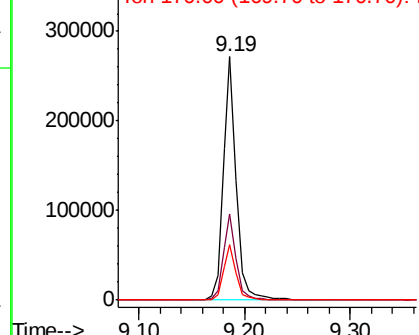
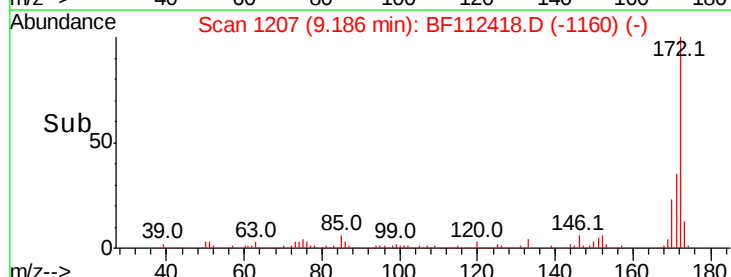


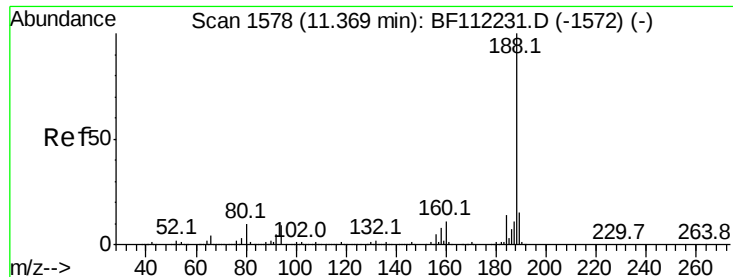
#45
 2-Fluorobiphenyl
 Concen: 11.686 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF112418.D
 Acq: 6 Feb 2019 14:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	30.5	45.7
170	22.9	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: 11.36 min Scan# 1576

Delta R.T. -0.02 min

Lab File: BF112418.D

Acq: 6 Feb 2019 14:25

Instrument :

BNA_F

ClientSampleId :

AU-06-020519-A

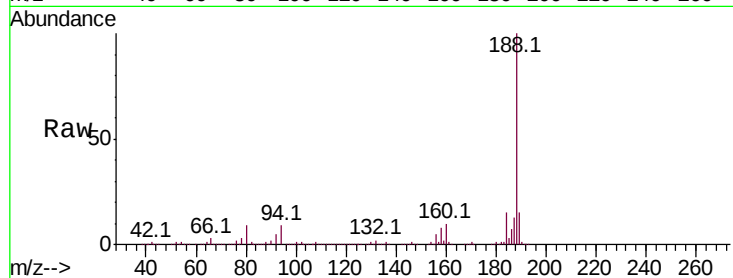
Tot Ion:188 Resp: 557308

Ion Ratio Lower Upper

188 100

94 8.8 8.2 12.2

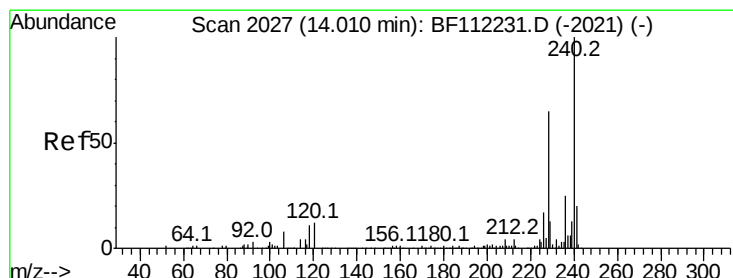
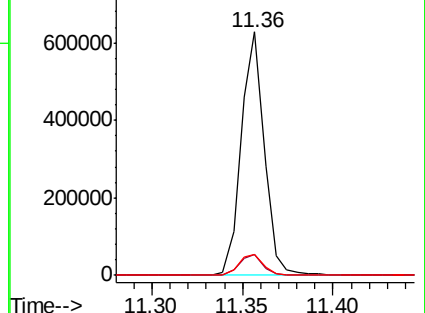
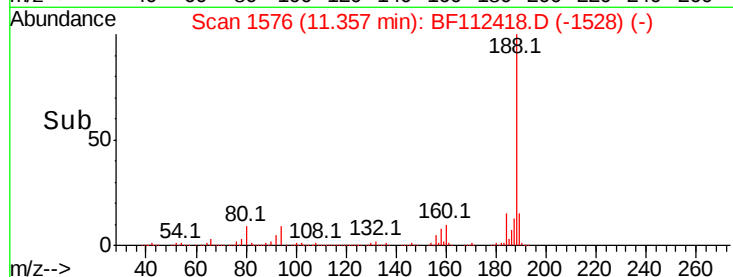
80 8.8 8.9 13.3#



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: 14.00 min Scan# 2025

Delta R.T. -0.02 min

Lab File: BF112418.D

Acq: 6 Feb 2019 14:25

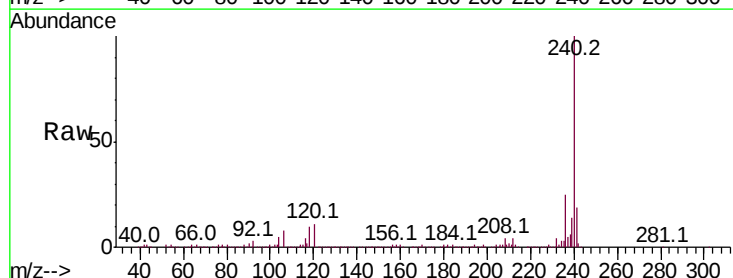
Tgt Ion:240 Resp: 363017

Ion Ratio Lower Upper

240 100

120 11.2 9.0 13.6

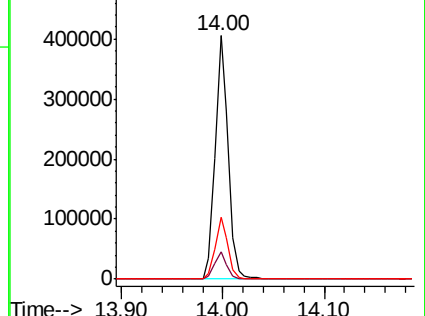
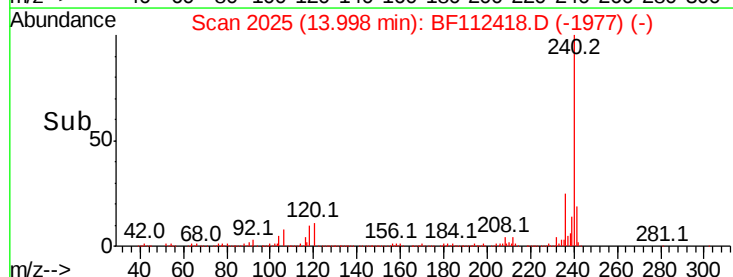
236 25.4 20.7 31.1

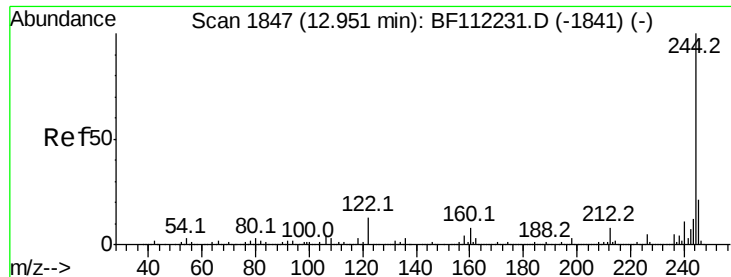


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

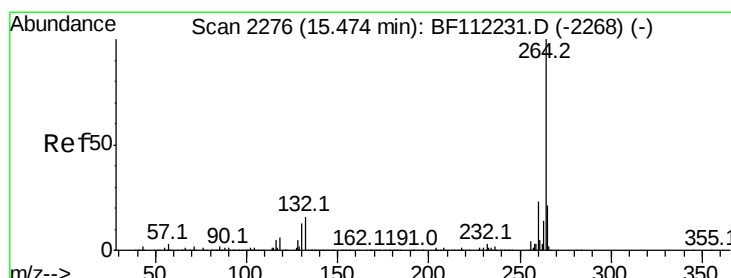
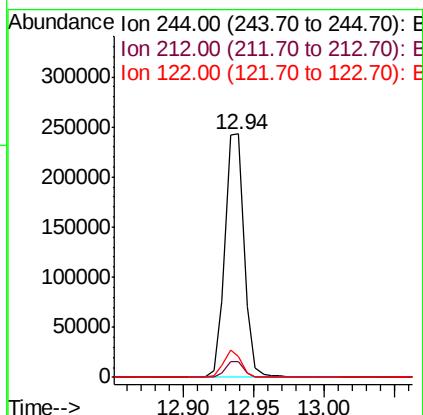
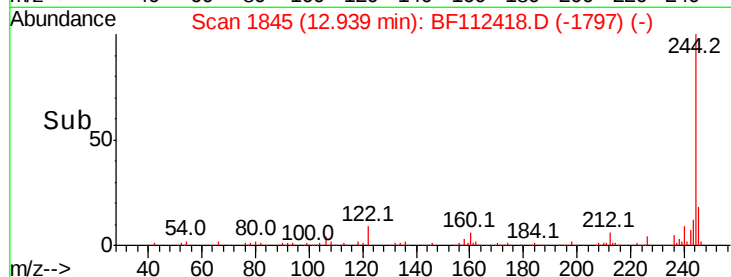
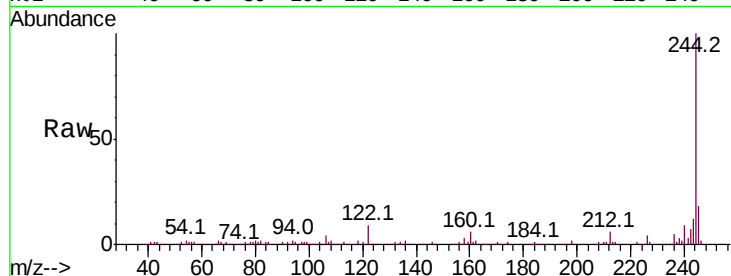




#79
 Terphenyl-d14
 Concen: 12.018 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.02 min
 Lab File: BF112418.D
 Acq: 6 Feb 2019 14:25

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-020519-A

Tot Ion:244 Resp: 231630
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.9 8.9
 122 8.8 9.8 14.6#



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BF112418.D
 Acq: 6 Feb 2019 14:25

Tgt Ion:264 Resp: 333212
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.2 27.2
 265 21.6 17.0 25.4

