

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
 Data File : BF116102.D
 Acq On : 9 Aug 2019 10:10
 Operator : HP/JU
 Sample : PB122079TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122079TB

Quant Time: Aug 10 02:32:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	151111	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	587448	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	315857	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	554200	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	390759	20.00	ng	-0.01
87) Perylene-d12	15.46	264	358360	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1066686	118.17	ng	0.00
7) Phenol-d6	6.48	99	1385104	121.62	ng	0.00
23) Nitrobenzene-d5	7.40	82	916603	90.07	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	381346	124.53	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1571112	93.17	ng	-0.01
79) Terphenyl-d14	12.94	244	1689846	91.12	ng	0.00

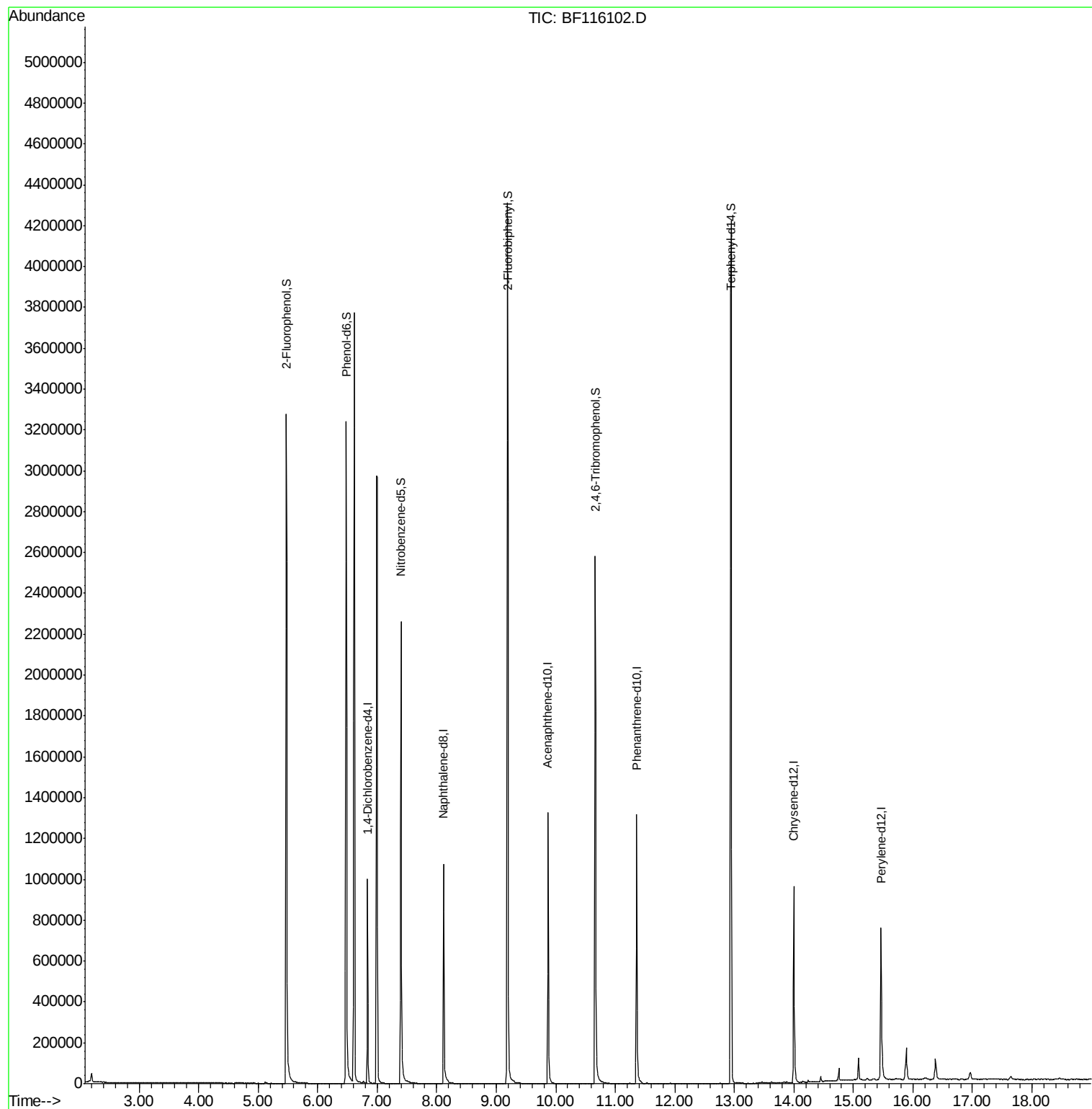
Target Compounds Qvalue

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

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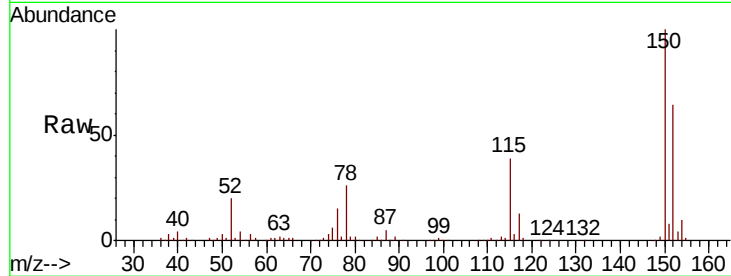


#1

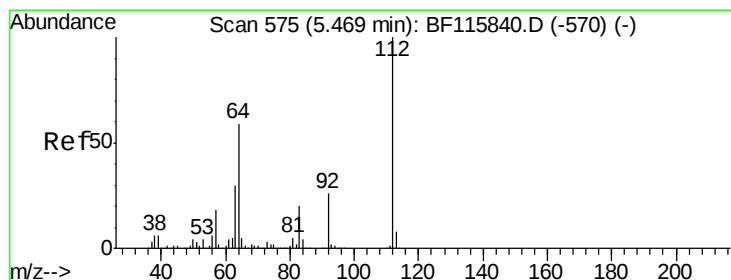
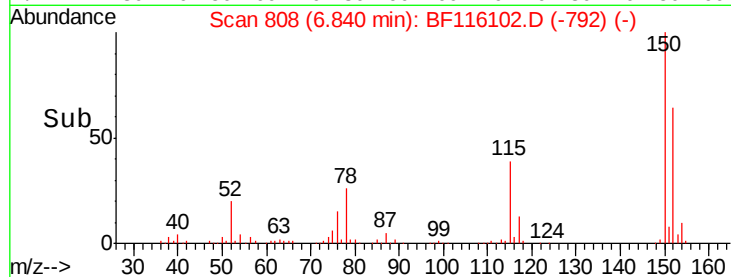
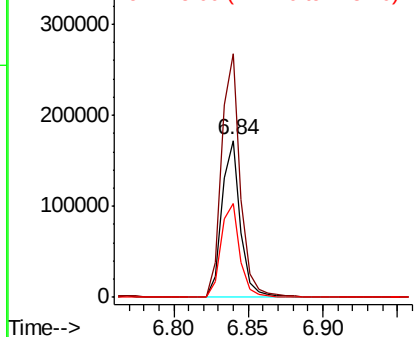
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF116102.D
Acq: 9 Aug 2019 10:10

Instrument :
BNA_F
ClientSampleId :
PB122079TB

Tot Ion:152 Resp: 151111
Ion Ratio Lower Upper
152 100
150 155.1 126.2 189.2
115 60.2 49.9 74.9



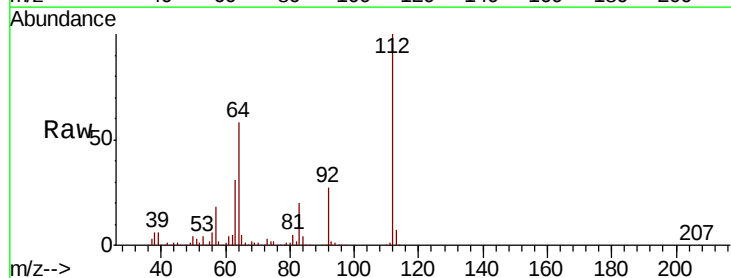
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



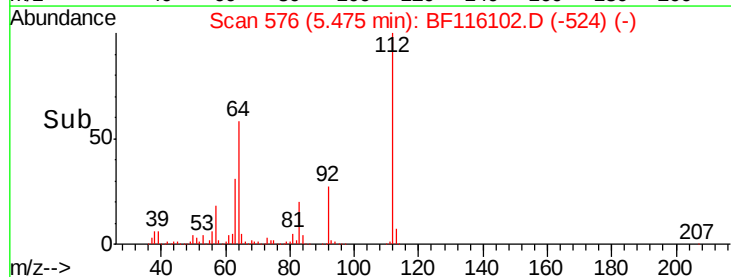
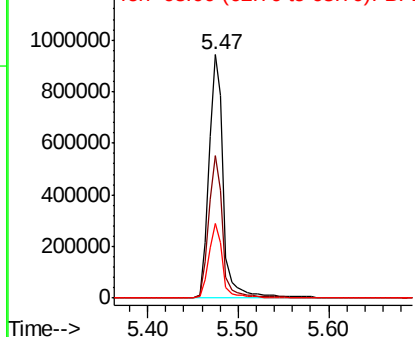
#5

2-Fluorophenol
Concen: 118.171 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF116102.D
Acq: 9 Aug 2019 10:10

Tgt Ion:112 Resp: 1066686
Ion Ratio Lower Upper
112 100
64 58.5 45.4 68.2
63 30.8 23.7 35.5



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: 121.621 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF116102.D

Acq: 9 Aug 2019 10:10

Instrument :

BNA_F

ClientSampleId :

PB122079TB

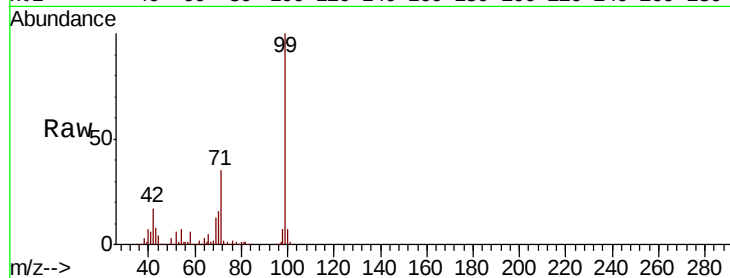
Tot Ion: 99 Resp: 1385104

Ion	Ratio	Lower	Upper
99	100		
42	17.2	13.8	20.8
71	35.1	27.3	40.9

99 100

42 17.2 13.8 20.8

71 35.1 27.3 40.9

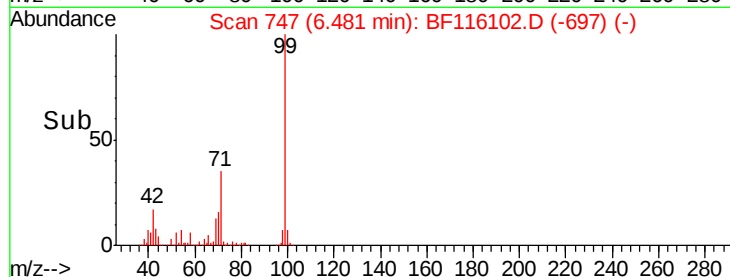
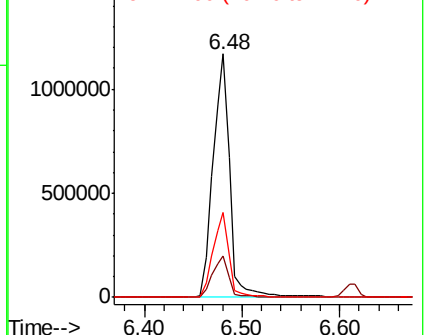


Abundance

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. -0.01 min

Lab File: BF116102.D

Acq: 9 Aug 2019 10:10

Tgt Ion: 136 Resp: 587448

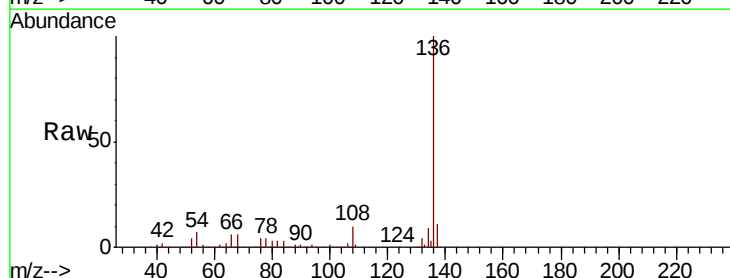
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.4
54	7.1	5.8	8.6
68	6.4	5.2	7.8

136 100

137 11.4 9.0 13.4

54 7.1 5.8 8.6

68 6.4 5.2 7.8



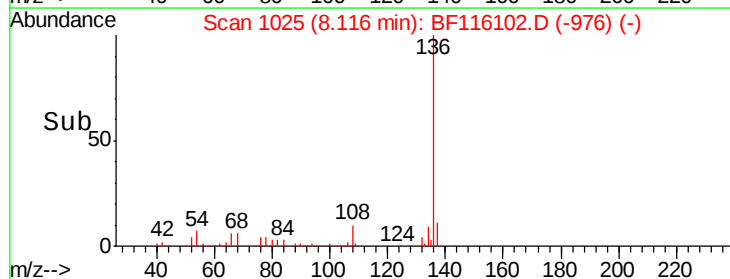
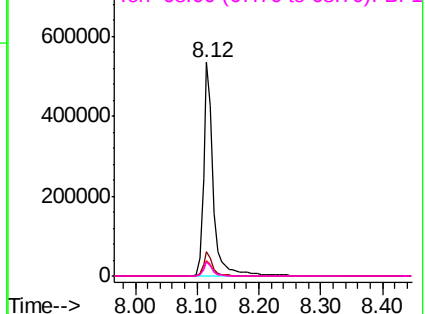
Abundance

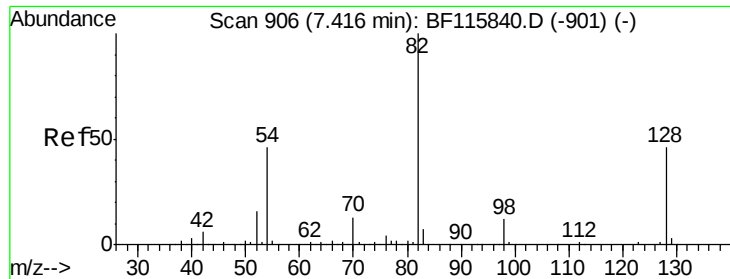
Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

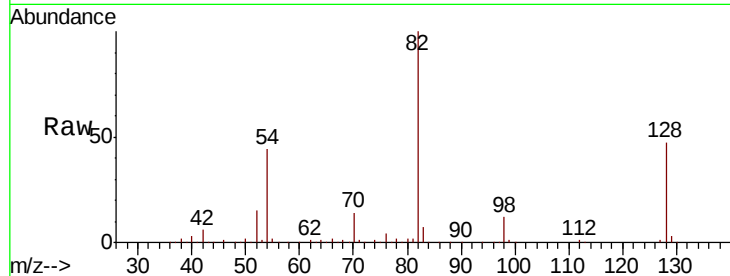




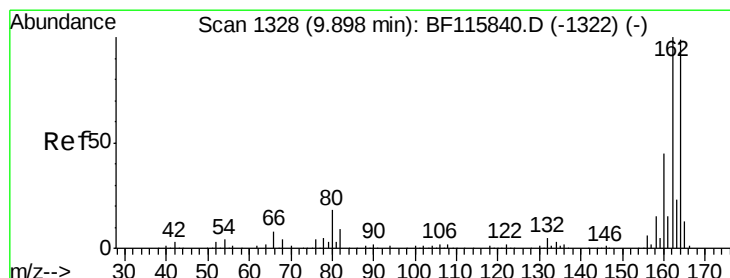
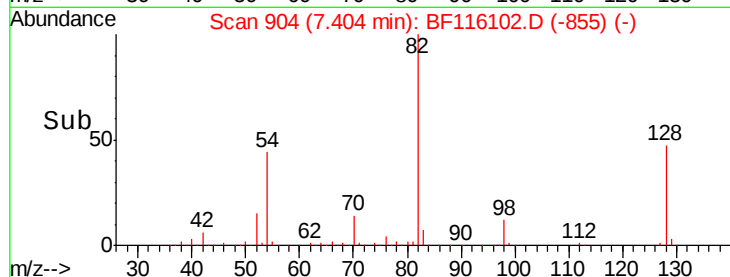
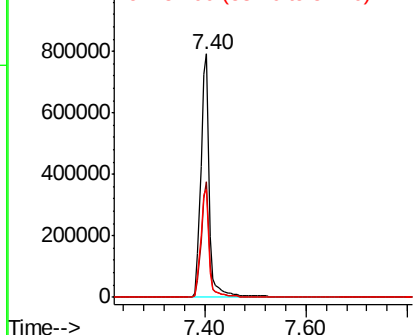
#23
 Nitrobenzene-d5
 Concen: 90.066 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF116102.D
 Acq: 9 Aug 2019 10:10

Instrument :
 BNA_F
 ClientSampleId :
 PB122079TB

Tot Ion: 82 Resp: 916603
 Ion Ratio Lower Upper
 82 100
 128 47.3 36.5 54.7
 54 44.2 36.0 54.0

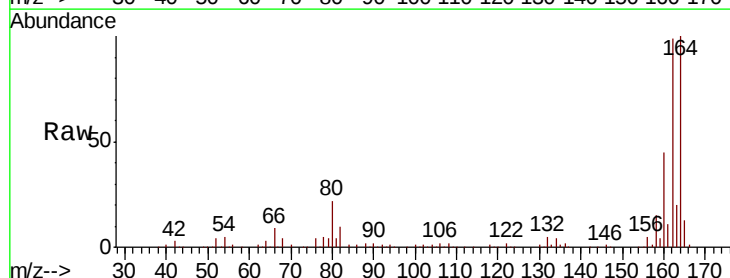


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

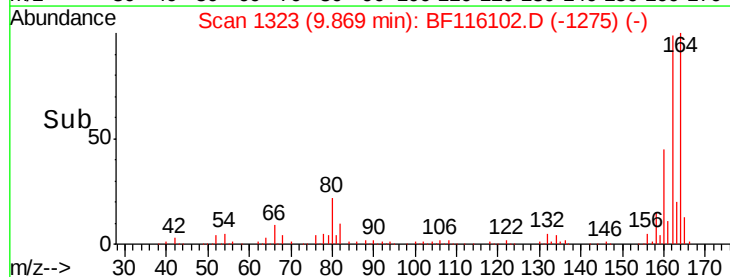
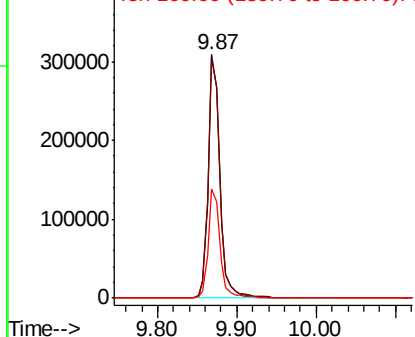


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF116102.D
 Acq: 9 Aug 2019 10:10

Tgt Ion: 164 Resp: 315857
 Ion Ratio Lower Upper
 164 100
 162 98.7 82.6 124.0
 160 45.1 37.6 56.4



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

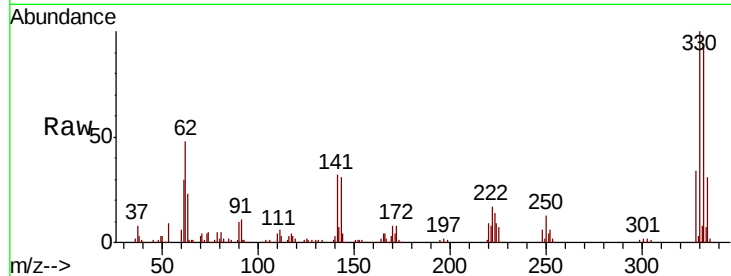




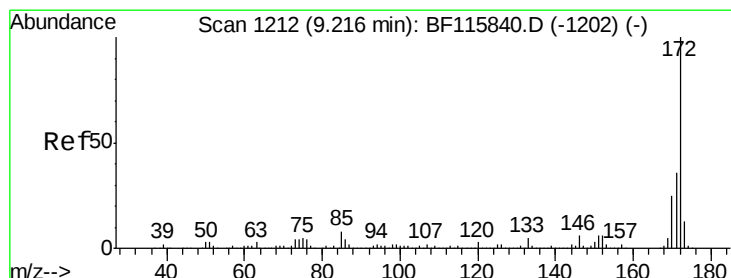
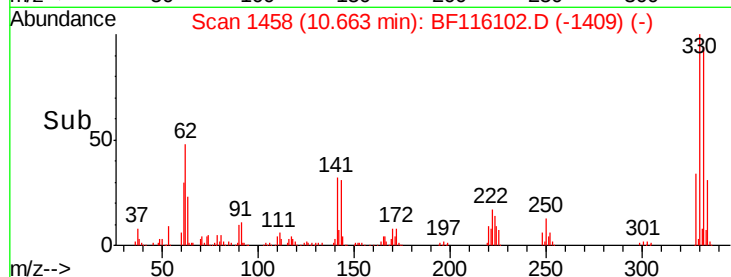
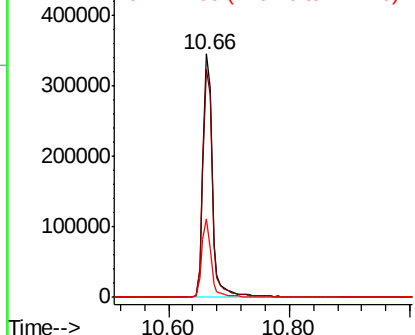
#42
 2,4,6-Tribromophenol
 Concen: 124.528 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF116102.D
 Acq: 9 Aug 2019 10:10

Instrument :
 BNA_F
 ClientSampleId :
 PB122079TB

Tot Ion:330 Resp: 381346
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.8 115.2
 141 32.6 26.3 39.5

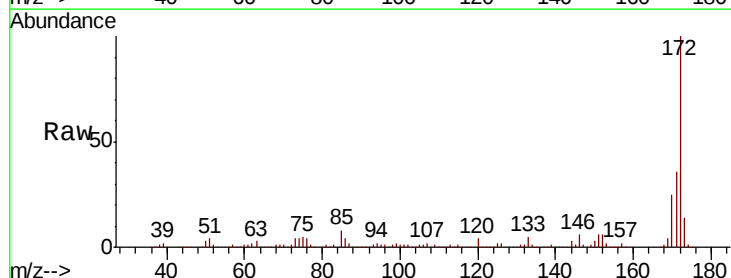


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

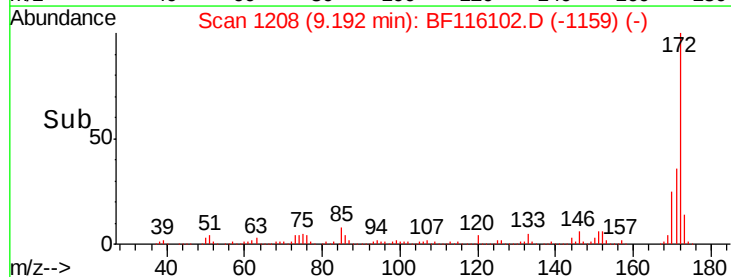
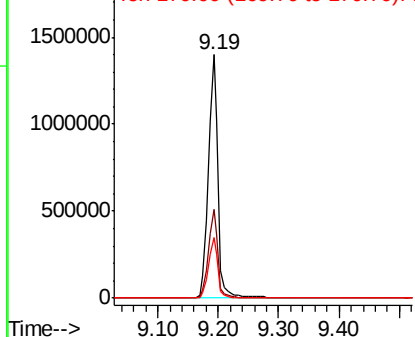


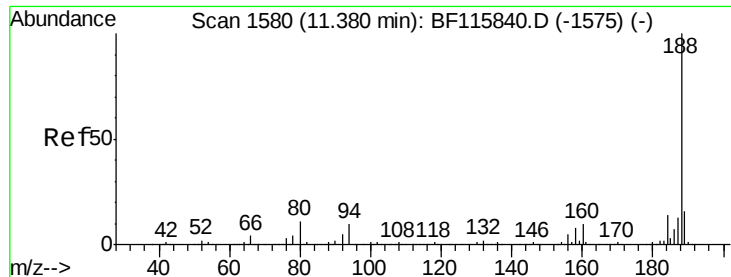
#45
 2-Fluorobiphenyl
 Concen: 93.169 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF116102.D
 Acq: 9 Aug 2019 10:10

Tgt Ion:172 Resp: 1571112
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.6 44.4
 170 25.0 20.1 30.1



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

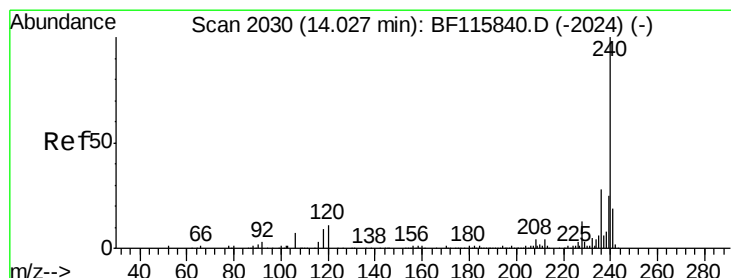
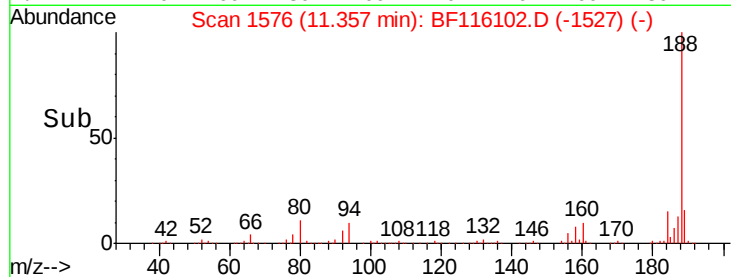
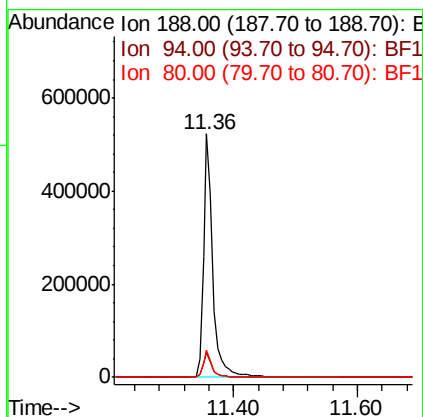
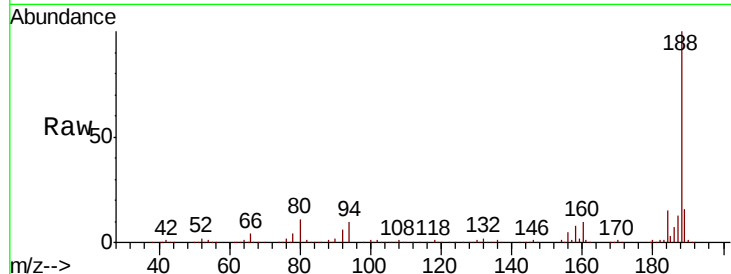




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF116102.D
Acq: 9 Aug 2019 10:10

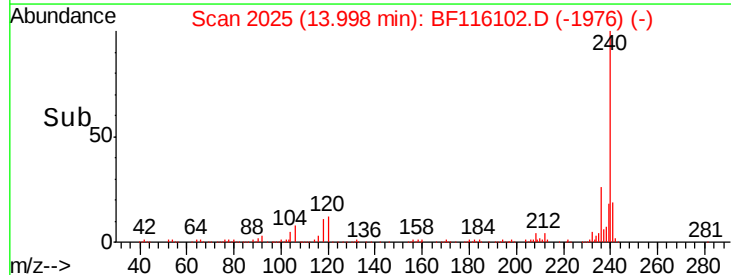
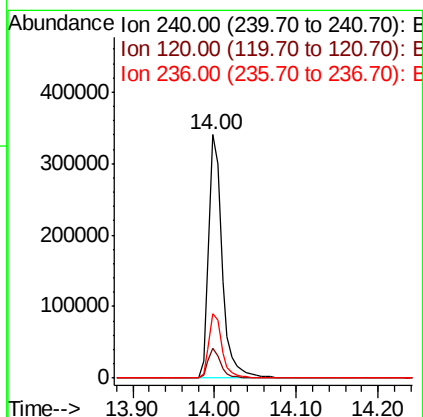
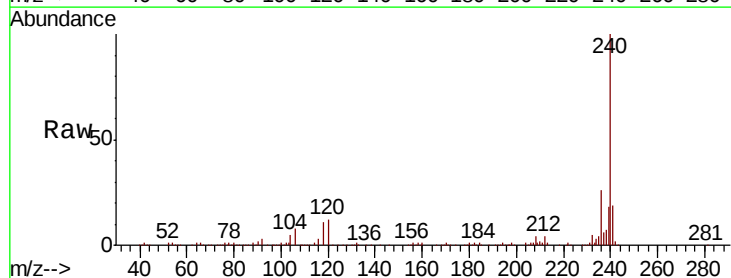
Instrument :
BNA_F
ClientSampleId :
PB122079TB

Tot Ion:188 Resp: 554200
Ion Ratio Lower Upper
188 100
94 10.2 8.1 12.1
80 11.1 8.7 13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF116102.D
Acq: 9 Aug 2019 10:10

Tgt Ion:240 Resp: 390759
Ion Ratio Lower Upper
240 100
120 12.3 10.7 16.1
236 26.3 22.2 33.2





#79

Terphenyl-d14

Concen: 91.125 ng

RT: 12.94 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF116102.D

Acq: 9 Aug 2019 10:10

Instrument :

BNA_F

ClientSampleId :

PB122079TB

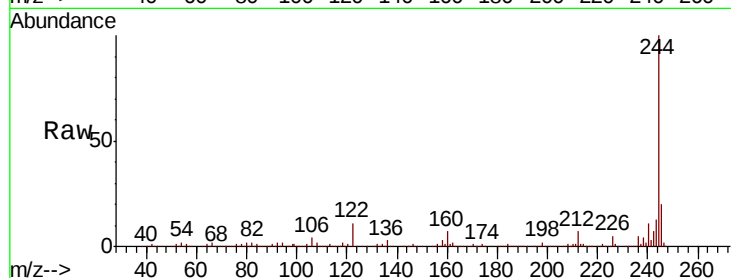
Tot Ion:244 Resp: 1689846

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

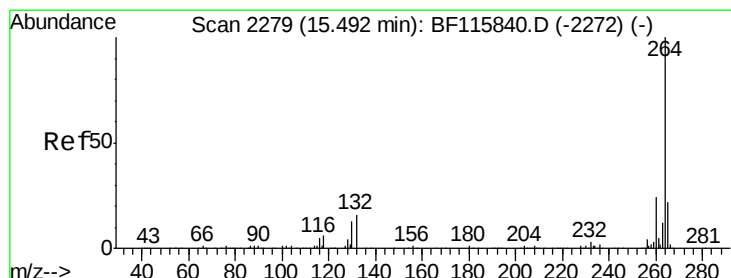
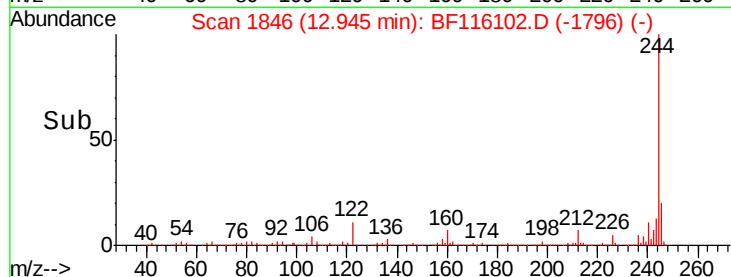
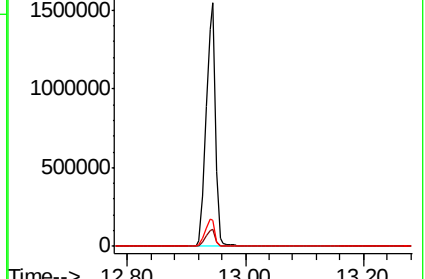
122 10.8 9.0 13.4



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: 15.46 min Scan# 2274

Delta R.T. -0.01 min

Lab File: BF116102.D

Acq: 9 Aug 2019 10:10

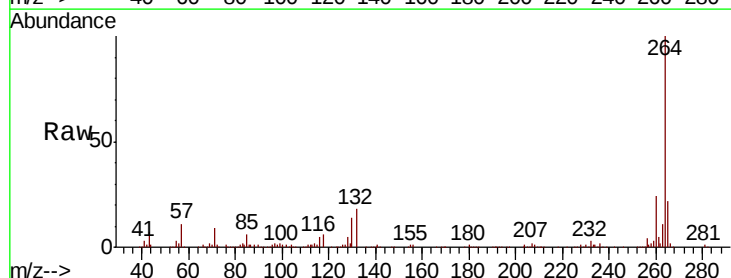
Tgt Ion:264 Resp: 358360

Ion Ratio Lower Upper

264 100

260 24.0 19.7 29.5

265 22.1 17.4 26.0



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

