

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
 Data File : BF116114.D
 Acq On : 9 Aug 2019 15:39
 Operator : HP/JU
 Sample : K4148-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-BH-3-ELU-20190612

Quant Time: Aug 11 01:16:51 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

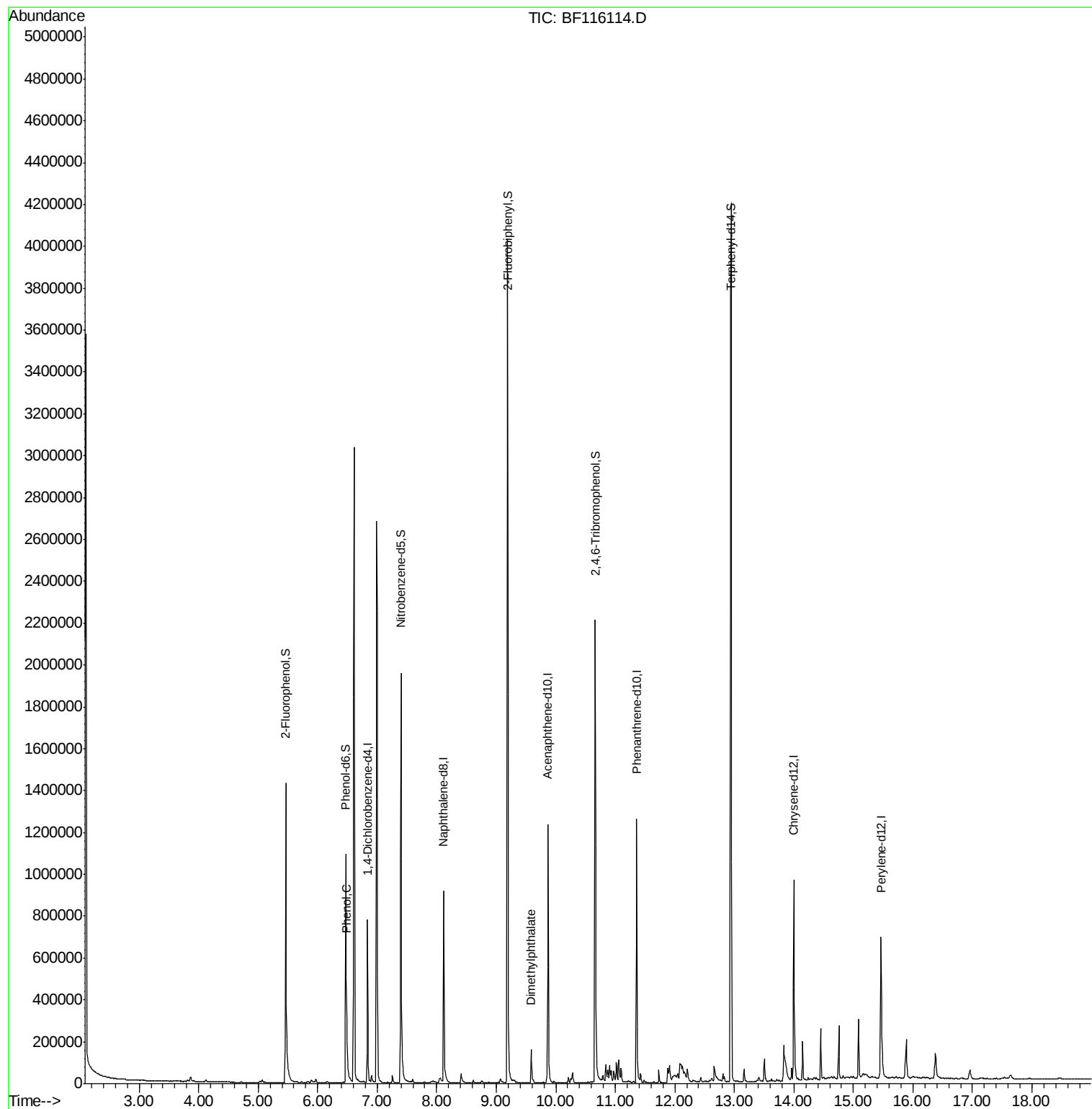
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	122937	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	477370	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	258973	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	483327	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	366197	20.00	ng	-0.01
87) Perylene-d12	15.47	264	298372	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	504975	68.76	ng	0.00
7) Phenol-d6	6.47	99	480234	51.83	ng	-0.02
23) Nitrobenzene-d5	7.40	82	758552	91.72	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	312524	124.47	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1279922	92.57	ng	-0.01
79) Terphenyl-d14	12.94	244	1573904	90.57	ng	0.00
Target Compounds						
10) Phenol	6.49	94	48055	4.404	ng	88
50) Dimethylphthalate	9.59	163	83592	4.741	ng	99

(#) = 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: BF116114.D

Acq: 9 Aug 2019 15:39

Instrument :

BNA_F

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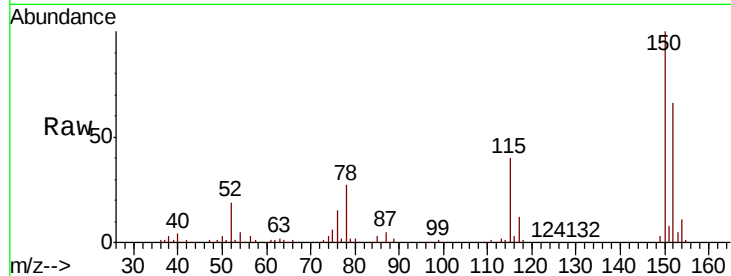
Tot Ion:152 Resp: 122937

Ion Ratio Lower Upper

152 100

150 151.3 126.2 189.2

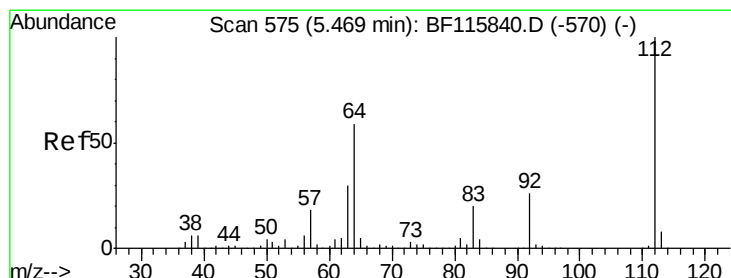
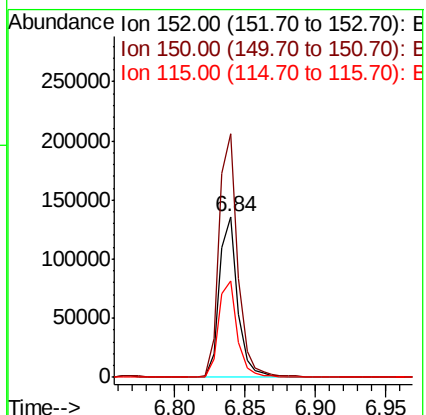
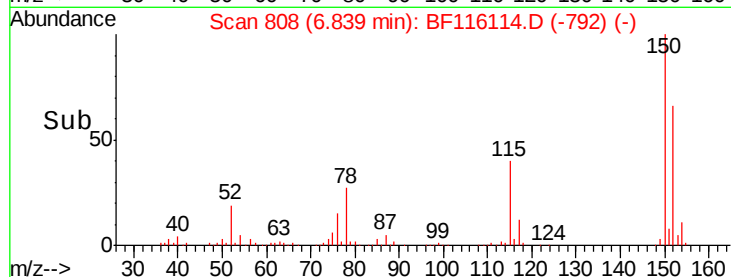
115 60.1 49.9 74.9



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: 68.764 ng

RT: 5.46 min Scan# 574

Delta R.T. -0.01 min

Lab File: BF116114.D

Acq: 9 Aug 2019 15:39

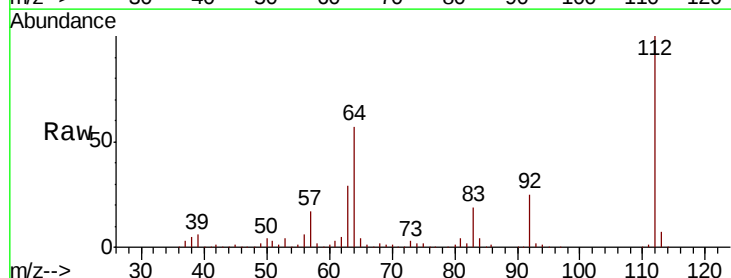
Tgt Ion:112 Resp: 504975

Ion Ratio Lower Upper

112 100

64 56.7 45.4 68.2

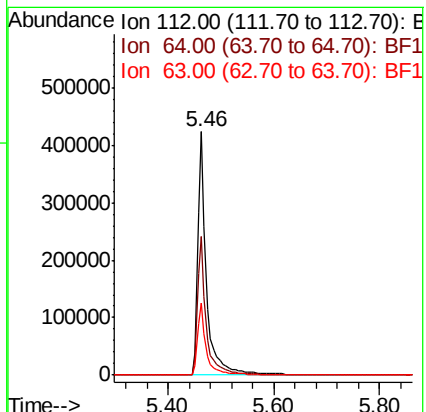
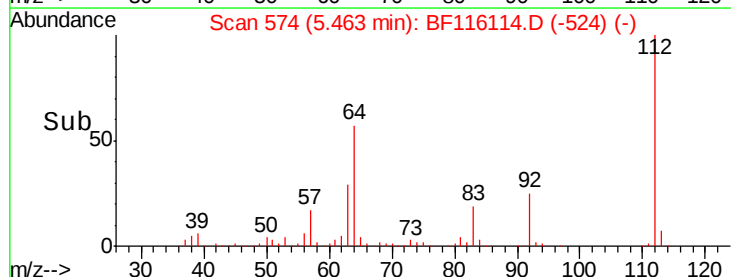
63 29.4 23.7 35.5

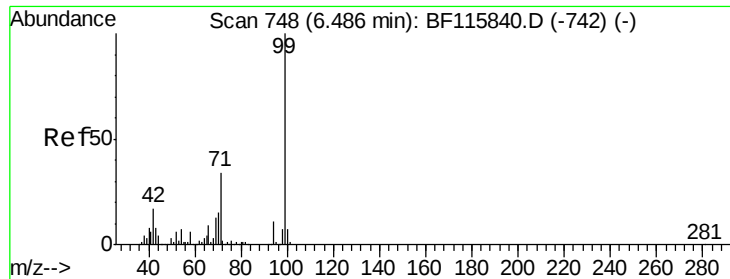


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 51.832 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.02 min

Lab File: BF116114.D

Acq: 9 Aug 2019 15:39

Instrument :

BNA_F

ClientSampleId :

COMP-BH-3-ELU-20190612

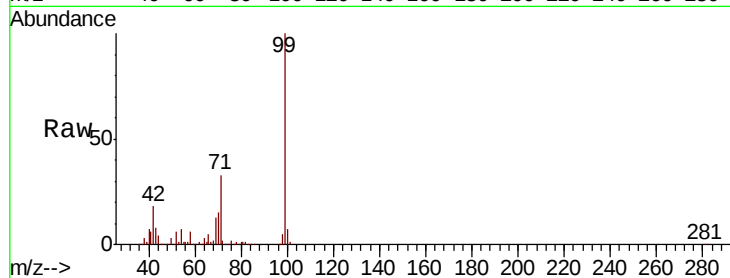
Tot Ion: 99 Resp: 480234

Ion Ratio Lower Upper

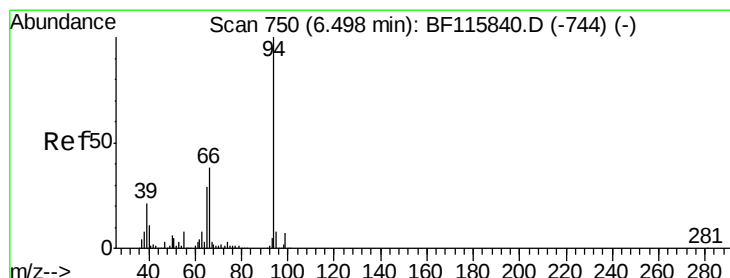
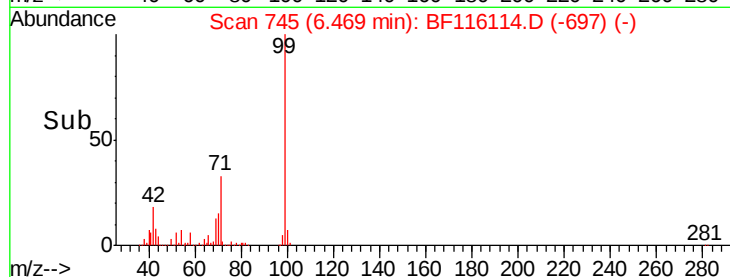
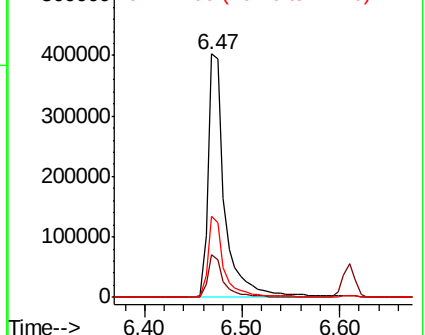
99 100

42 17.6 13.8 20.8

71 33.3 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



#10

Phenol

Concen: 4.404 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.02 min

Lab File: BF116114.D

Acq: 9 Aug 2019 15:39

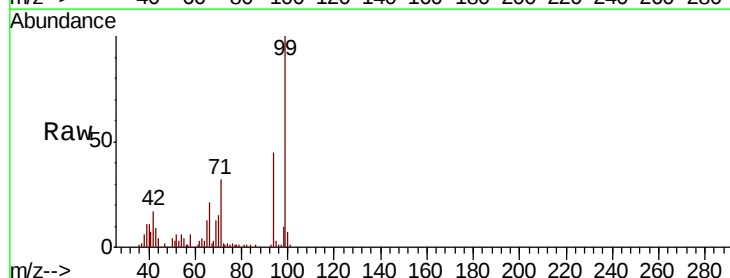
Tgt Ion: 94 Resp: 48055

Ion Ratio Lower Upper

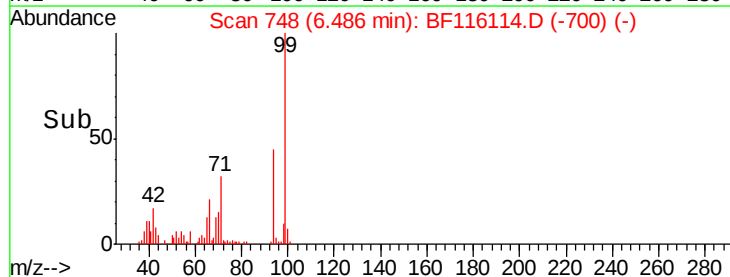
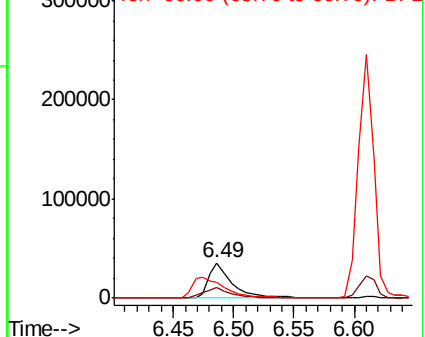
94 100

65 28.5 16.8 56.8

66 46.0 34.2 74.2



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF116114.D

Acq: 9 Aug 2019 15:39

Instrument :

BNA_F

ClientSampleId :

COMP-BH-3-ELU-20190612

Tot Ion:136 Resp: 477370

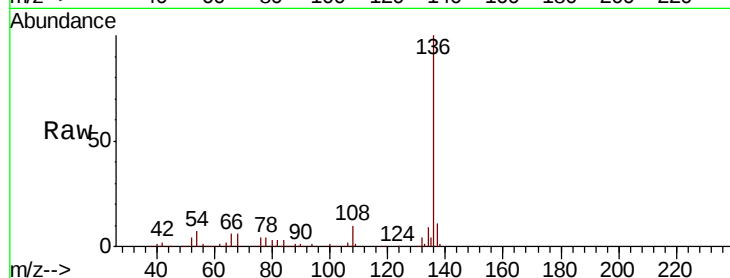
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 7.4 5.8 8.6

68 6.4 5.2 7.8

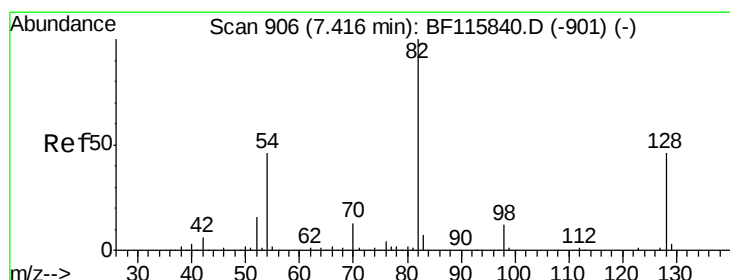
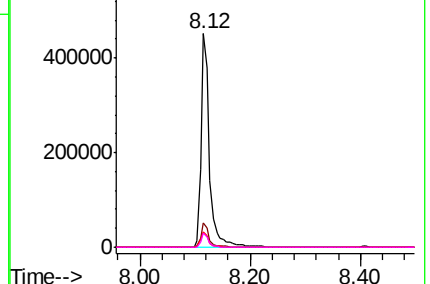
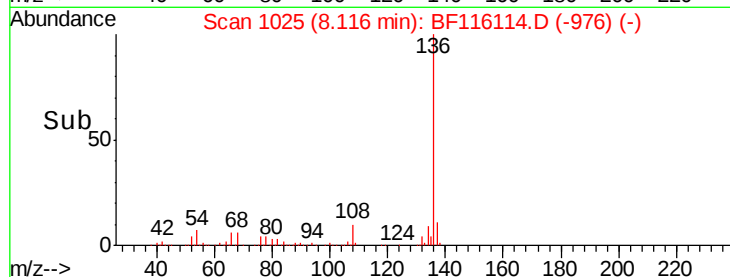


Abundance Ion 136.00 (135.70 to 136.70): E

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: 91.723 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.02 min

Lab File: BF116114.D

Acq: 9 Aug 2019 15:39

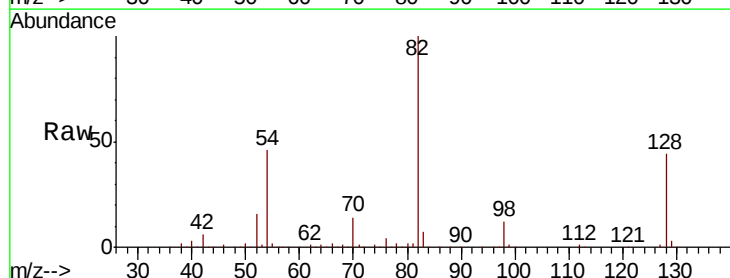
Tgt Ion: 82 Resp: 758552

Ion Ratio Lower Upper

82 100

128 44.1 36.5 54.7

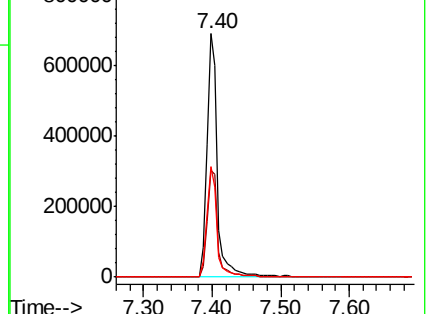
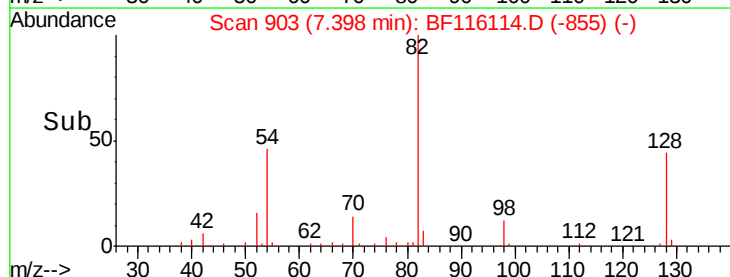
54 45.6 36.0 54.0

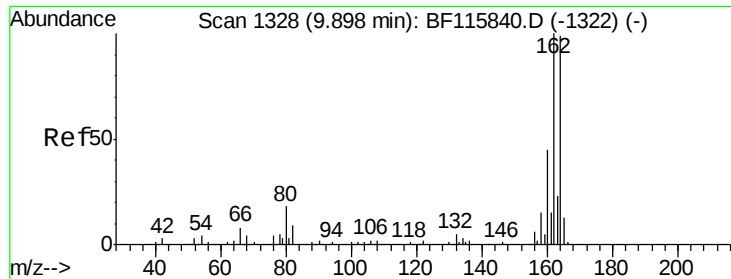


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

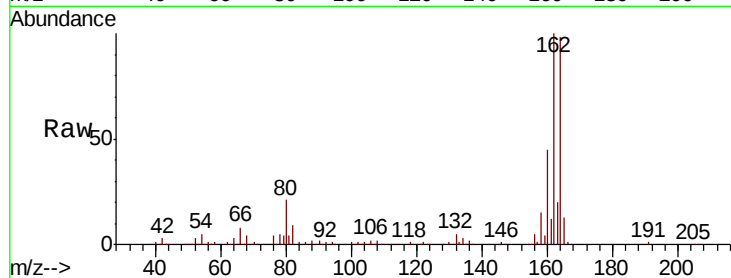




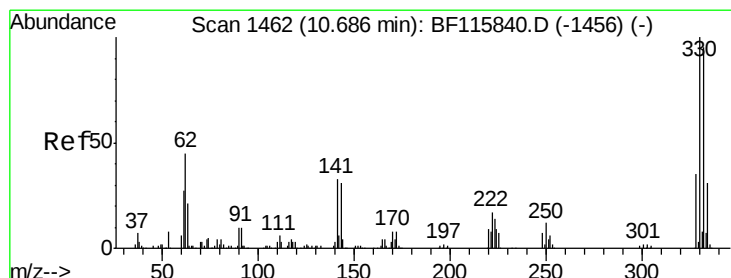
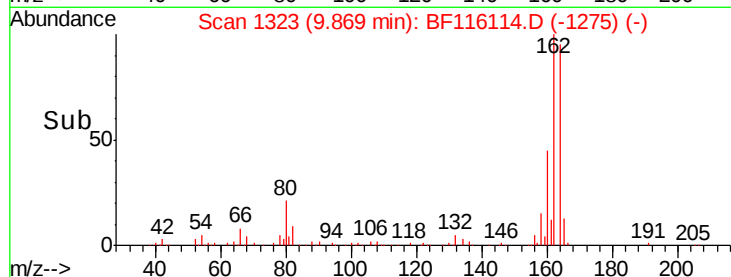
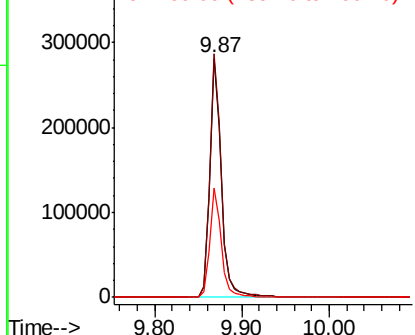
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF116114.D
 Acq: 9 Aug 2019 15:39

Instrument :
 BNA_F
 ClientSampleId :
 COMP-BH-3-ELU-20190612

Tot Ion:164 Resp: 258973
 Ion Ratio Lower Upper
 164 100
 162 102.0 82.6 124.0
 160 45.6 37.6 56.4

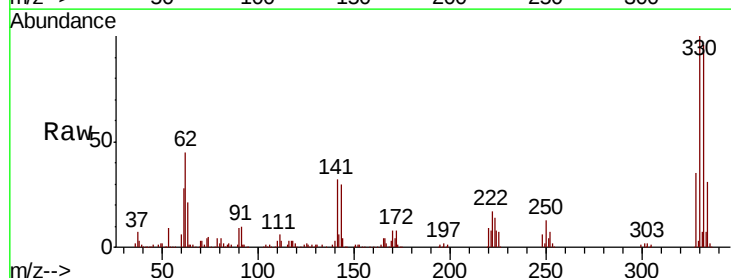


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

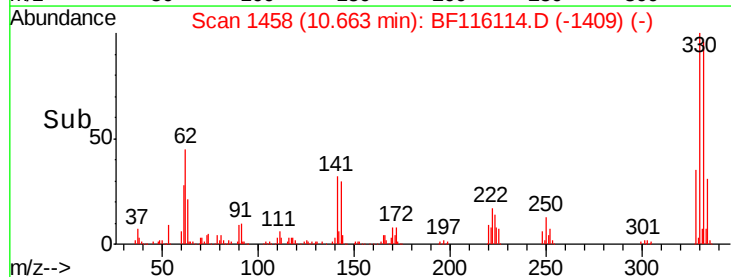
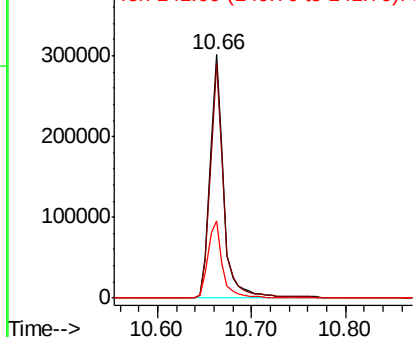


#42
 2,4,6-Tribromophenol
 Concen: 124.471 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF116114.D
 Acq: 9 Aug 2019 15:39

Tgt Ion:330 Resp: 312524
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.8 115.2
 141 34.0 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

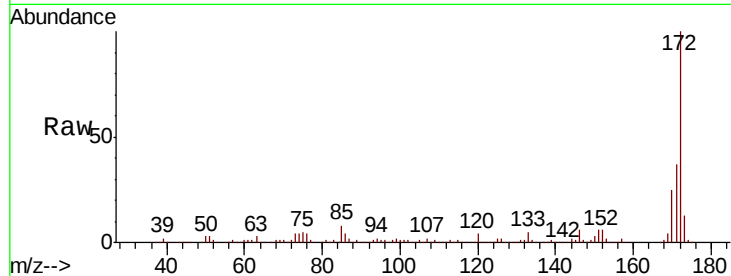




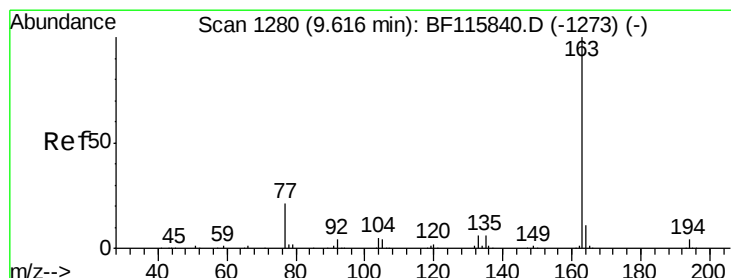
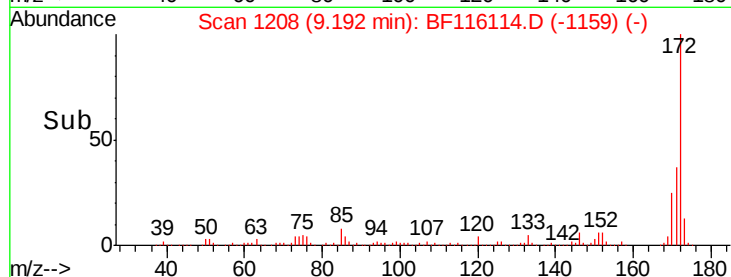
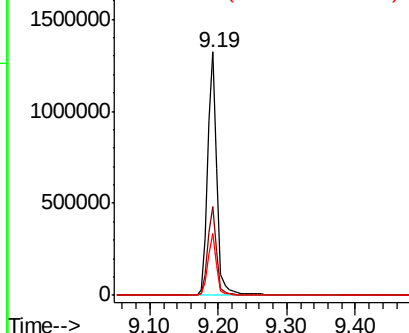
#45
2-Fluorobiphenyl
Concen: 92.573 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF116114.D
Acq: 9 Aug 2019 15:39

Instrument :
BNA_F
ClientSampleId :
COMP-BH-3-ELU-20190612

Tot Ion:172 Resp: 1279922
Ion Ratio Lower Upper
172 100
171 36.7 29.6 44.4
170 25.3 20.1 30.1

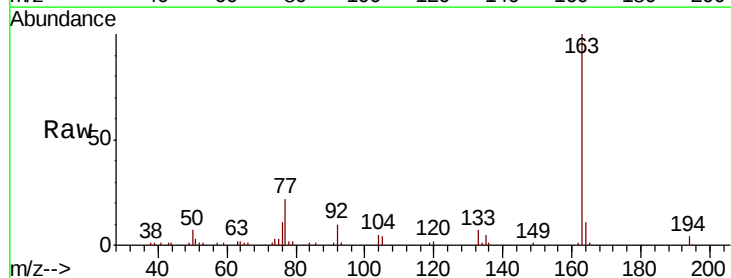


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

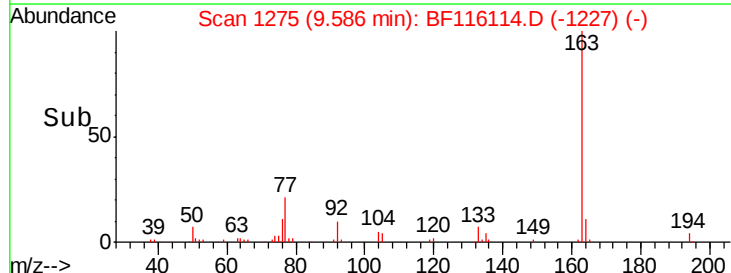
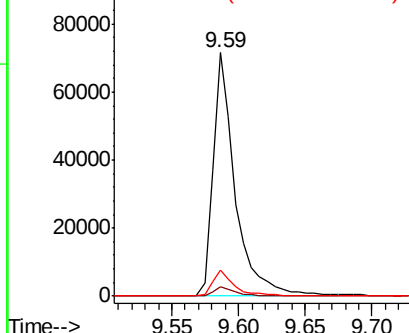


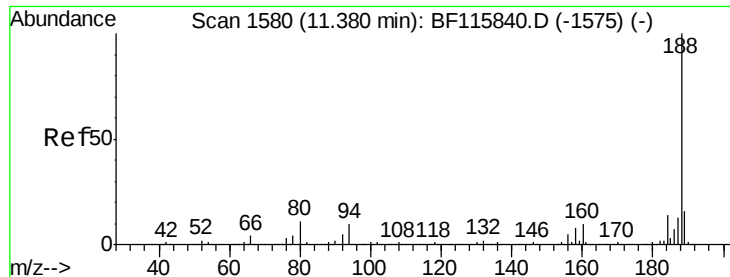
#50
Dimethylphthalate
Concen: 4.741 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF116114.D
Acq: 9 Aug 2019 15:39

Tgt Ion:163 Resp: 83592
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.8 8.4 12.6



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

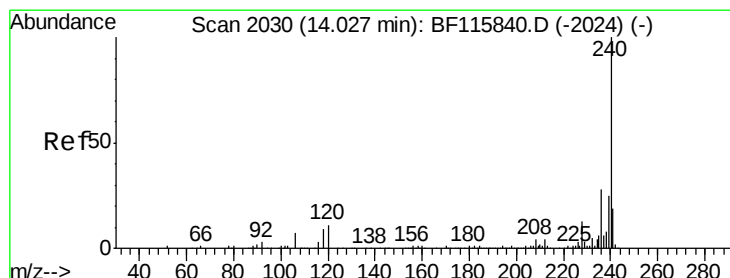
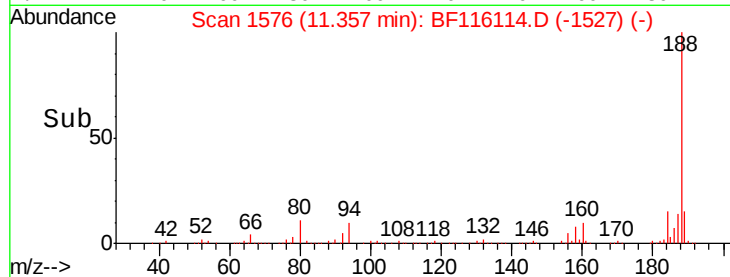
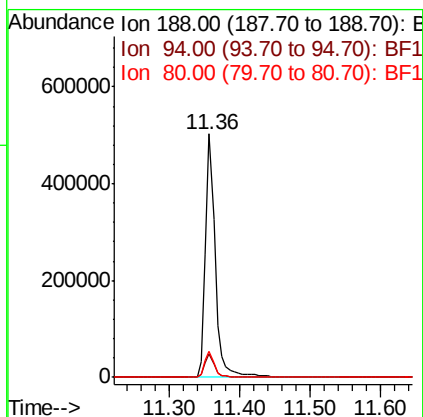
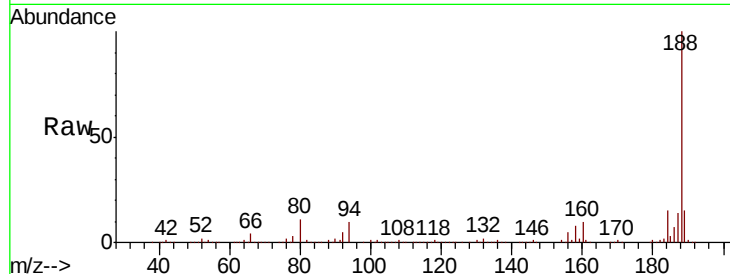




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF116114.D
Acq: 9 Aug 2019 15:39

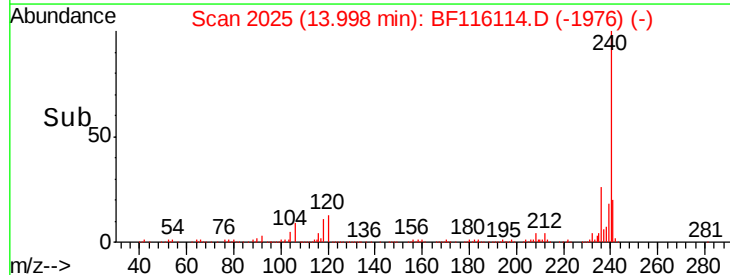
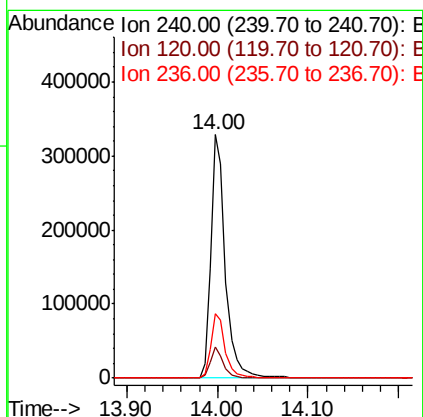
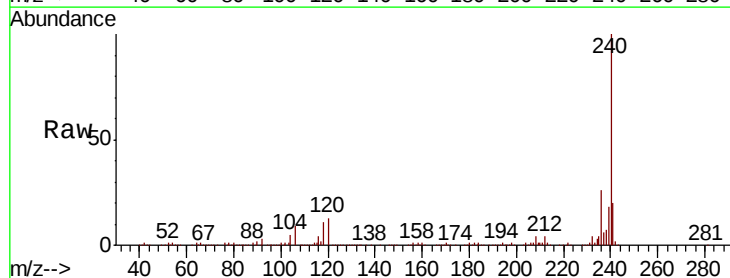
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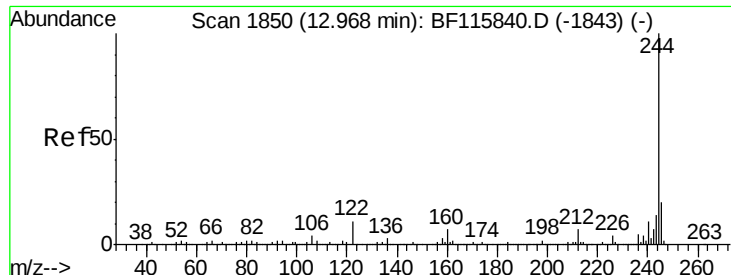
Tot Ion:188 Resp: 483327
Ion Ratio Lower Upper
188 100
94 9.8 8.1 12.1
80 10.9 8.7 13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF116114.D
Acq: 9 Aug 2019 15:39

Tgt Ion:240 Resp: 366197
Ion Ratio Lower Upper
240 100
120 12.6 10.7 16.1
236 26.5 22.2 33.2





#79

Terphenyl-d14

Concen: 90.565 ng

RT: 12.94 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF116114.D

Acq: 9 Aug 2019 15:39

Instrument :

BNA_F

ClientSampleId :

COMP-BH-3-ELU-20190612

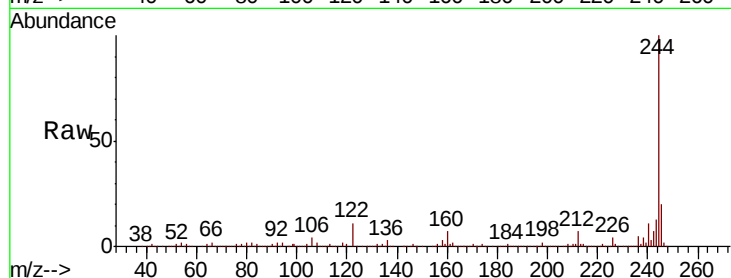
Tot Ion:244 Resp: 1573904

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

122 10.7 9.0 13.4

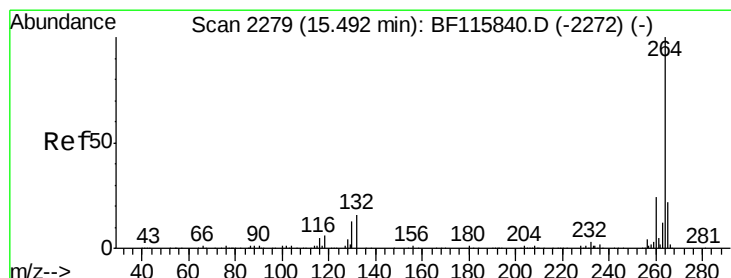
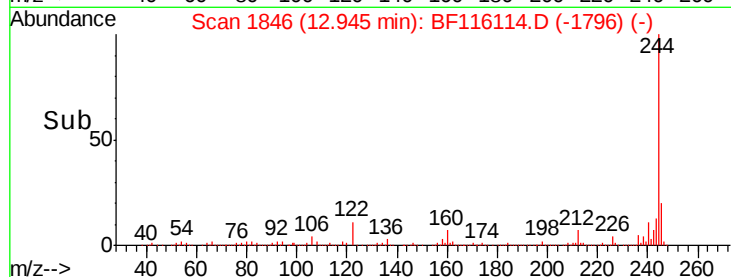
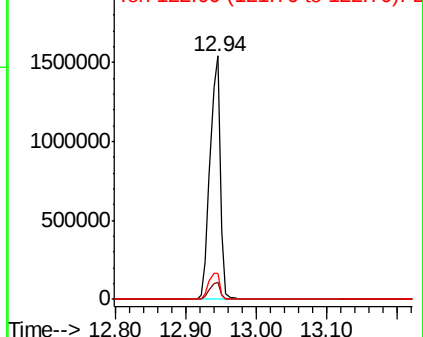


Abundance

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: 15.47 min Scan# 2275

Delta R.T. -0.01 min

Lab File: BF116114.D

Acq: 9 Aug 2019 15:39

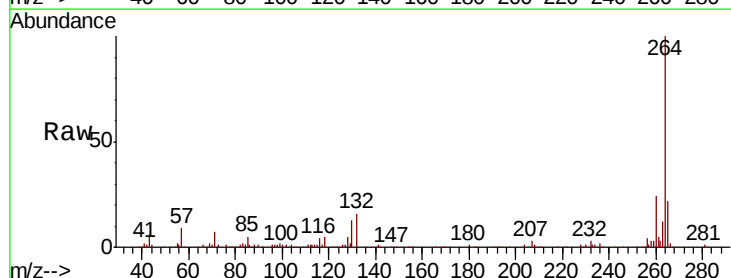
Tgt Ion:264 Resp: 298372

Ion Ratio Lower Upper

264 100

260 24.1 19.7 29.5

265 22.3 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

