

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
 Data File : BF116123.D
 Acq On : 9 Aug 2019 20:12
 Operator : HP/JU
 Sample : K4244-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BERGEN-SP-2

Quant Time: Aug 10 05:30:38 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

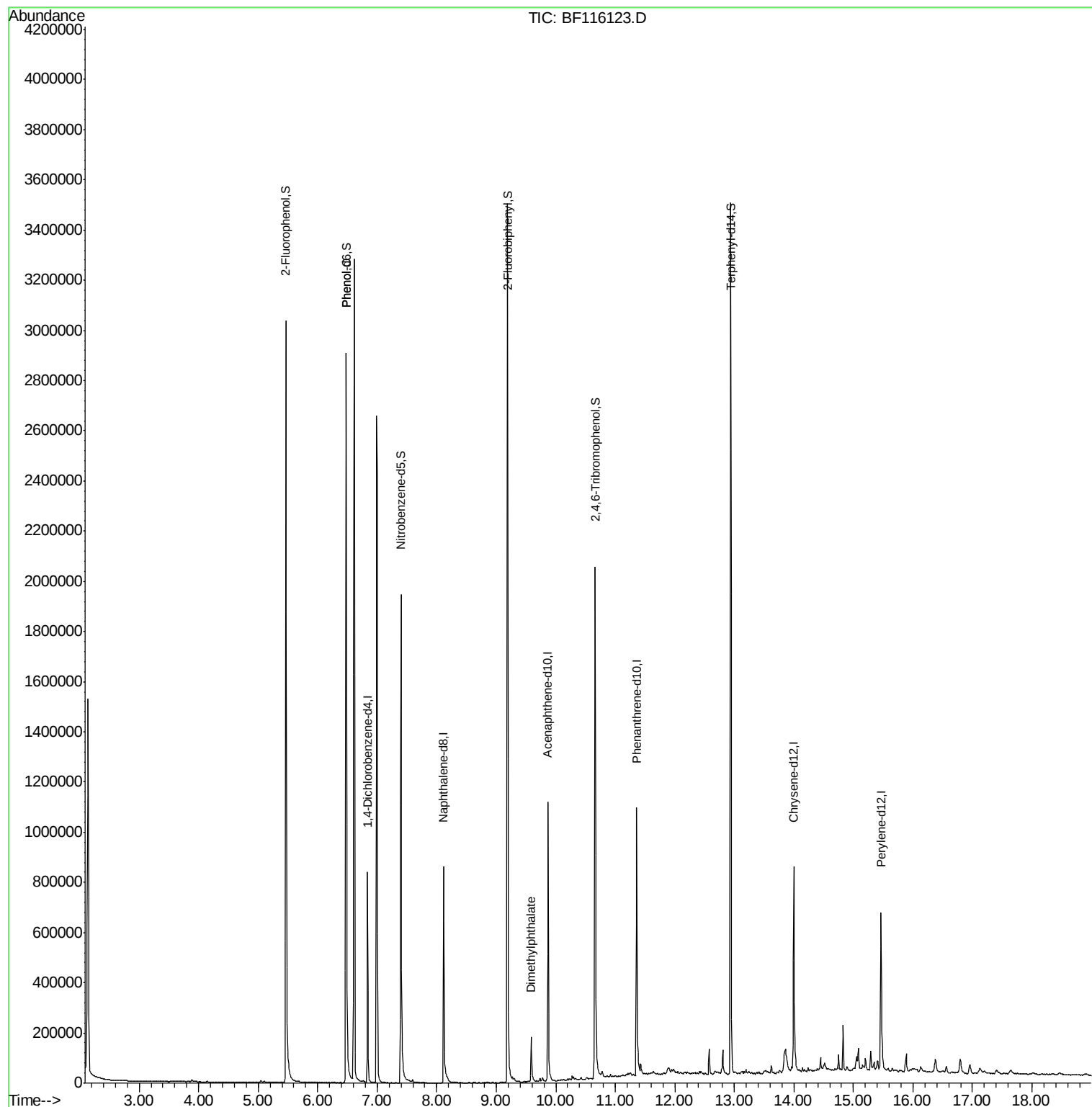
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	124102	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	474337	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	245496	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	423887	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	283844	20.00	ng	-0.01
87) Perylene-d12	15.46	264	310436	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	946337	127.66	ng	0.00
7) Phenol-d6	6.48	99	1227335	131.22	ng	0.00
23) Nitrobenzene-d5	7.40	82	796869	96.97	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	298741	125.51	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1214119	92.63	ng	-0.01
79) Terphenyl-d14	12.94	244	1208223	89.69	ng	-0.01
Target Compounds						
10) Phenol	6.49	94	59789	5.428	ng	91
50) Dimethylphthalate	9.59	163	97305	5.821	ng	98

(#) = 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: BF116123.D

Acq: 9 Aug 2019 20:12

Instrument :

BNA_F

ClientSampleId :

BERGEN-SP-2

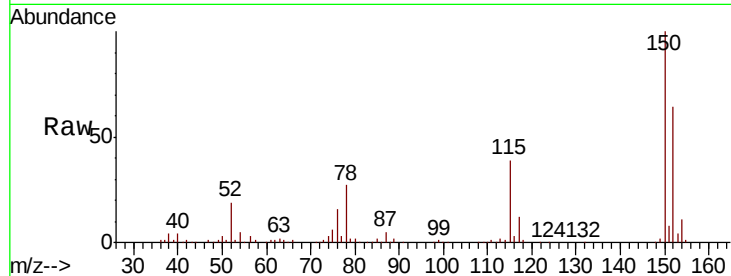
Tot Ion:152 Resp: 124102

Ion Ratio Lower Upper

152 100

150 155.7 126.2 189.2

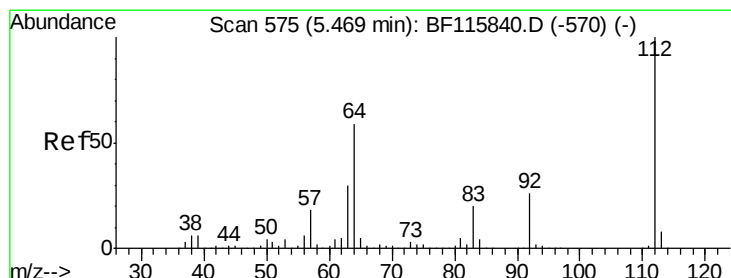
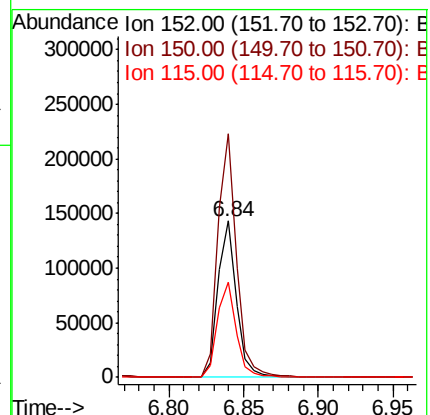
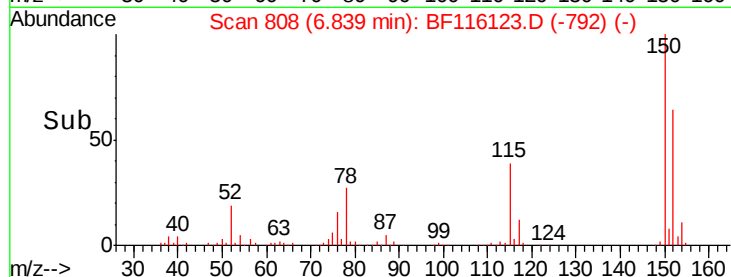
115 61.0 49.9 74.9



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: 127.655 ng

RT: 5.47 min Scan# 575

Delta R.T. -0.00 min

Lab File: BF116123.D

Acq: 9 Aug 2019 20:12

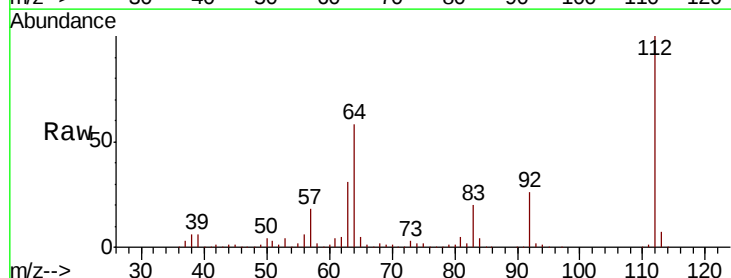
Tgt Ion:112 Resp: 946337

Ion Ratio Lower Upper

112 100

64 58.4 45.4 68.2

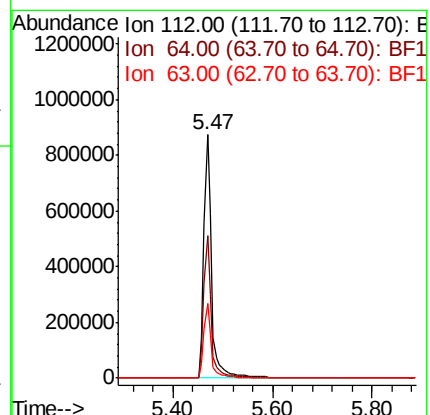
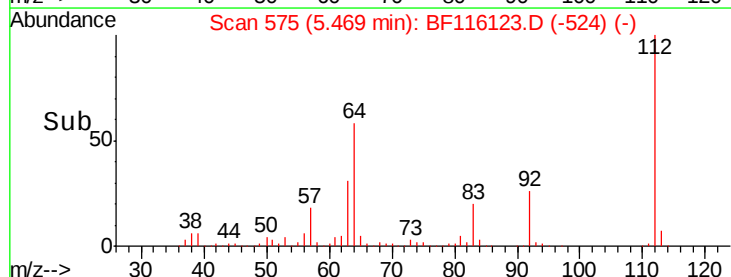
63 30.6 23.7 35.5



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: 131.222 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF116123.D

Acq: 9 Aug 2019 20:12

Instrument :

BNA_F

ClientSampleId :

BERGEN-SP-2

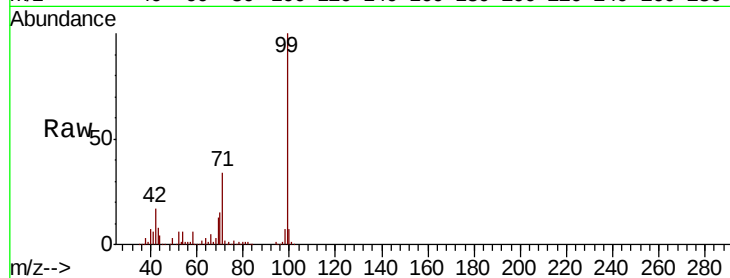
Tot Ion: 99 Resp: 1227335

Ion	Ratio	Lower	Upper
99	100		
42	16.7	13.8	20.8
71	34.4	27.3	40.9

99 100

42 16.7 13.8 20.8

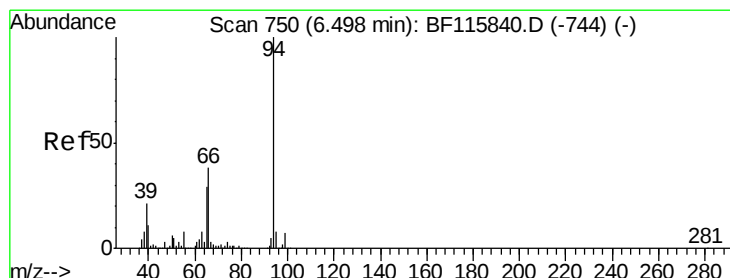
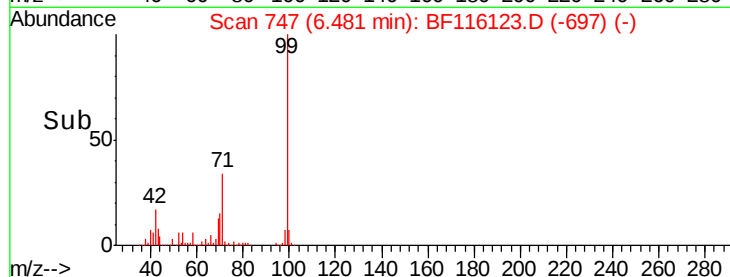
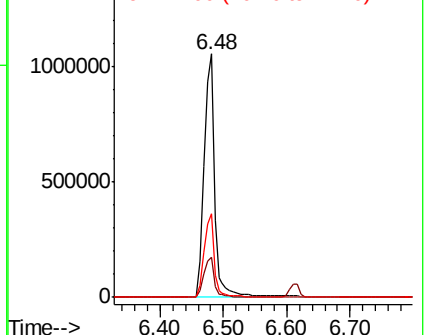
71 34.4 27.3 40.9



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: 5.428 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.02 min

Lab File: BF116123.D

Acq: 9 Aug 2019 20:12

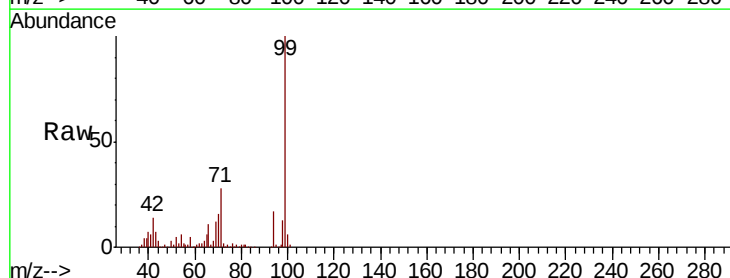
Tgt Ion: 94 Resp: 59789

Ion	Ratio	Lower	Upper
94	100		
65	34.1	16.8	56.8
66	63.0	34.2	74.2

94 100

65 34.1 16.8 56.8

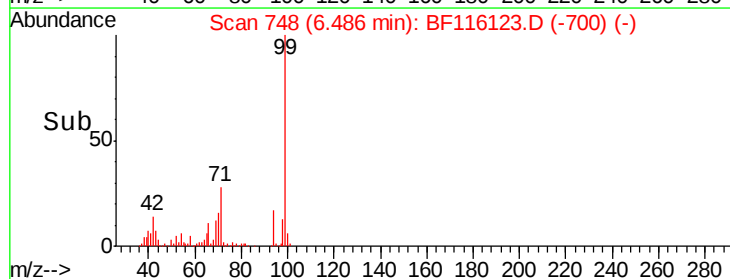
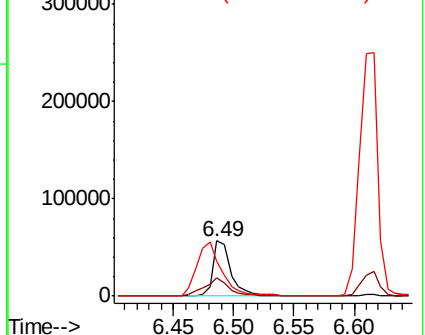
66 63.0 34.2 74.2



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: BF116123.D

Acq: 9 Aug 2019 20:12

Instrument :

BNA_F

ClientSampleId :

BERGEN-SP-2

Tot Ion:136 Resp: 474337

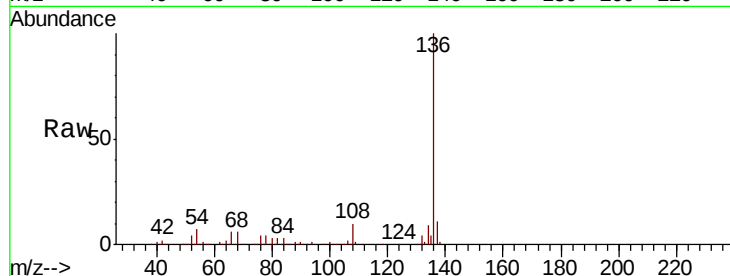
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.4

54 7.3 5.8 8.6

68 6.4 5.2 7.8

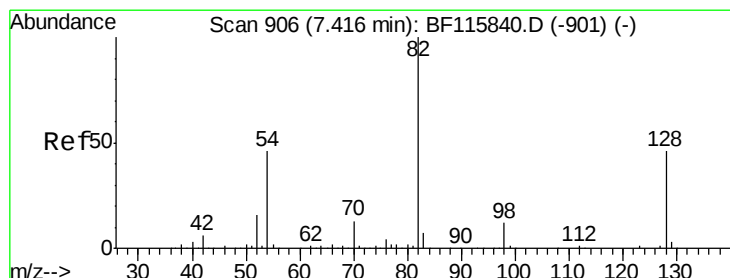
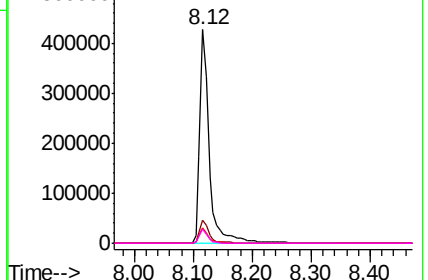
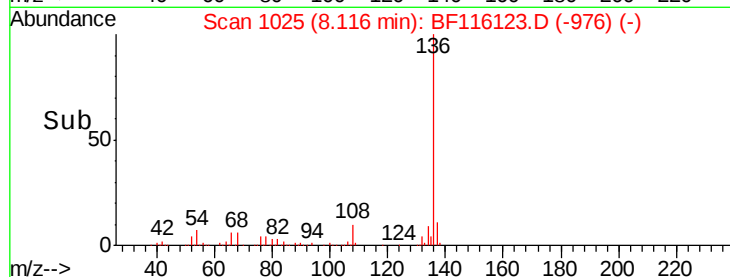


Abundance Ion 136.00 (135.70 to 136.70): E

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: 96.973 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.02 min

Lab File: BF116123.D

Acq: 9 Aug 2019 20:12

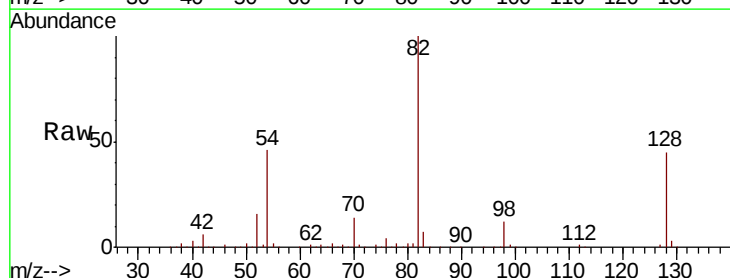
Tgt Ion: 82 Resp: 796869

Ion Ratio Lower Upper

82 100

128 44.6 36.5 54.7

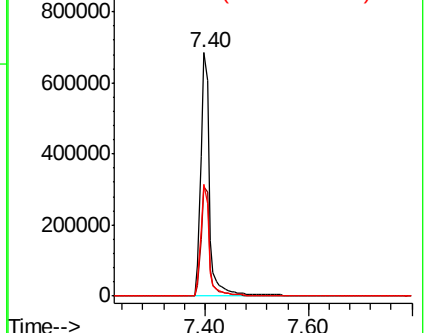
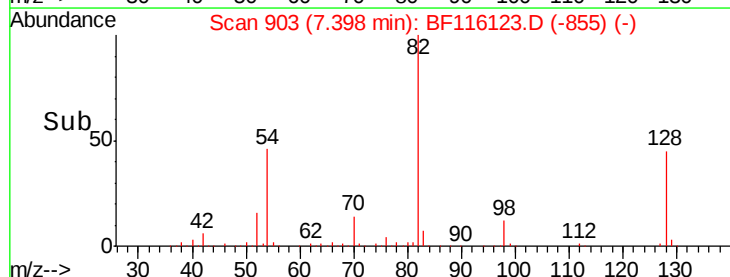
54 45.7 36.0 54.0

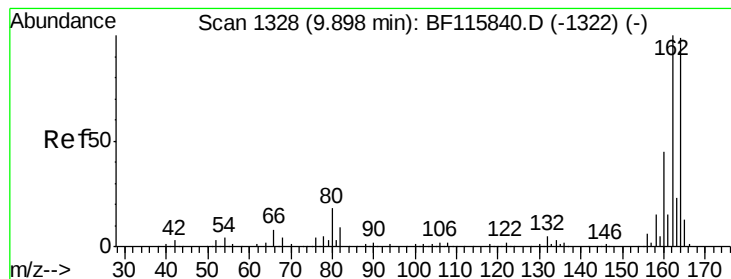


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: BF116123.D

Acq: 9 Aug 2019 20:12

Instrument :

BNA_F

ClientSampleId :

BERGEN-SP-2

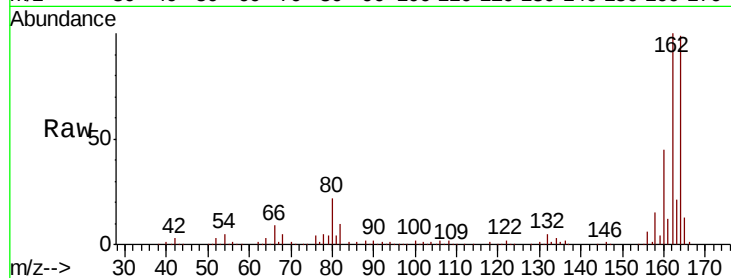
Tot Ion:164 Resp: 245496

Ion Ratio Lower Upper

164 100

162 101.0 82.6 124.0

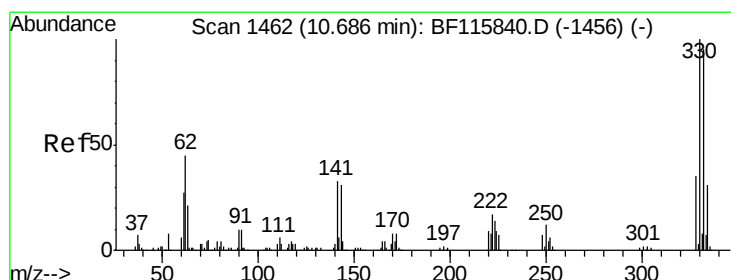
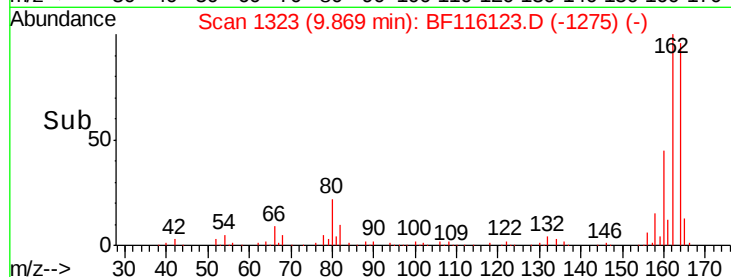
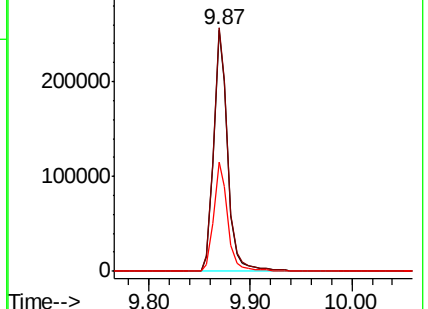
160 45.4 37.6 56.4



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: 125.513 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BF116123.D

Acq: 9 Aug 2019 20:12

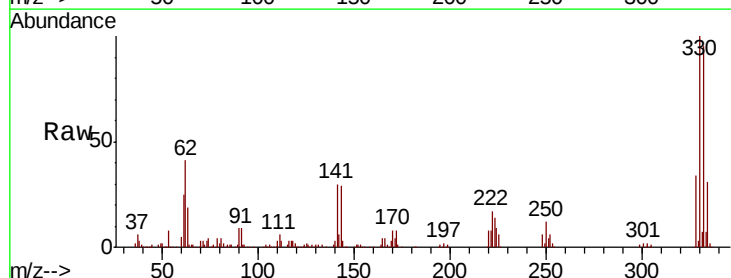
Tgt Ion:330 Resp: 298741

Ion Ratio Lower Upper

330 100

332 95.0 76.8 115.2

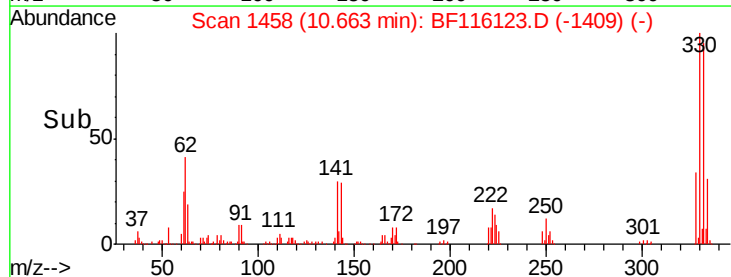
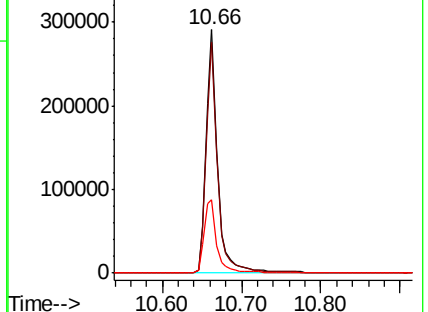
141 33.9 26.3 39.5



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

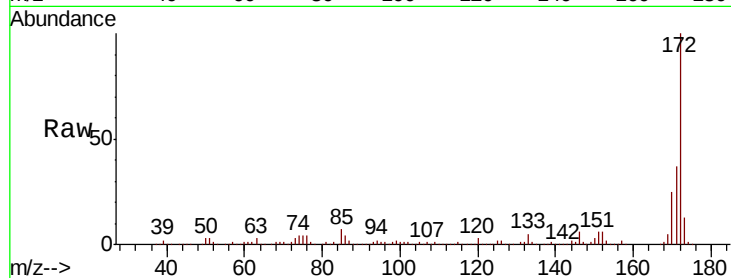




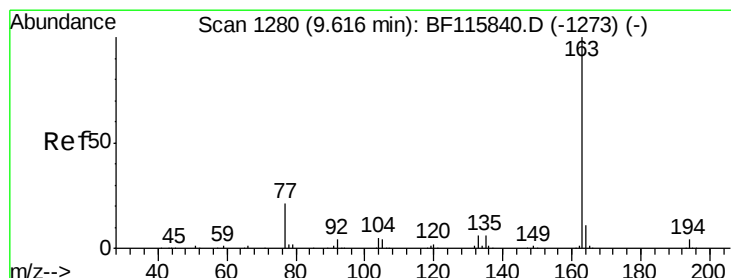
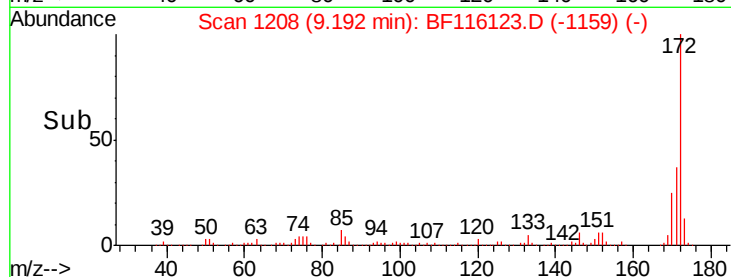
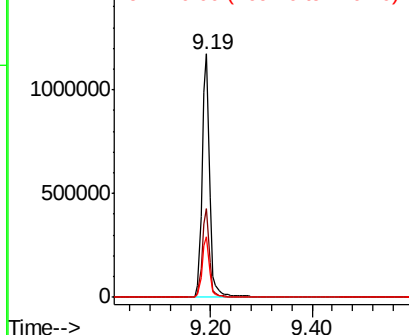
#45
 2-Fluorobiphenyl
 Concen: 92.634 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF116123.D
 Acq: 9 Aug 2019 20:12

Instrument :
 BNA_F
 ClientSampleId :
 BERGEN-SP-2

Tot Ion:172 Resp: 1214119
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.6 44.4
 170 25.0 20.1 30.1

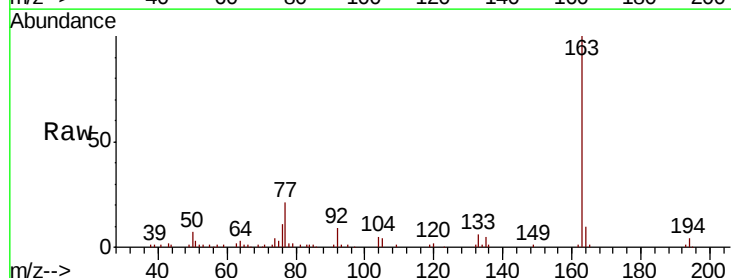


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

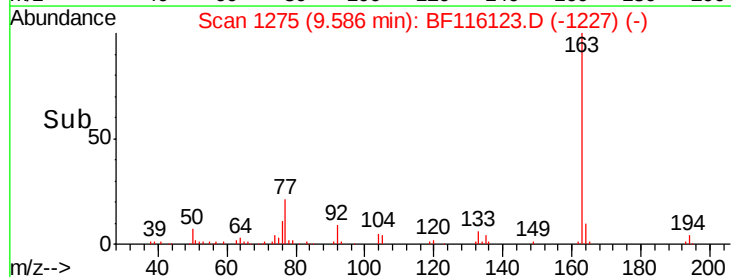
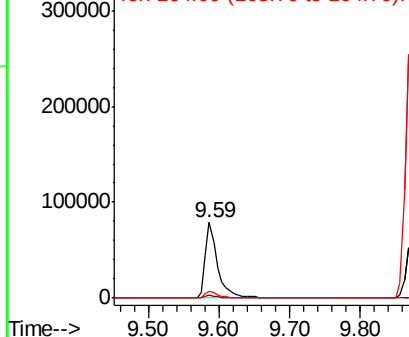


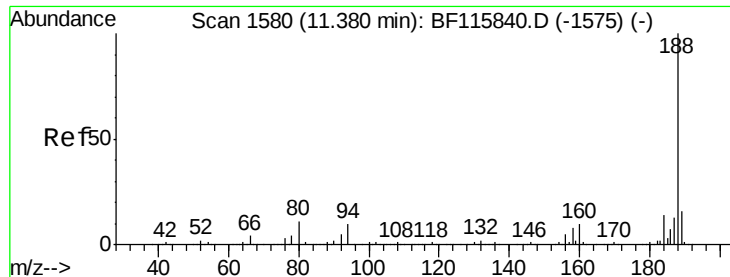
#50
 Dimethylphthalate
 Concen: 5.821 ng
 RT: 9.59 min Scan# 1275
 Delta R.T. -0.02 min
 Lab File: BF116123.D
 Acq: 9 Aug 2019 20:12

Tgt Ion:163 Resp: 97305
 Ion Ratio Lower Upper
 163 100
 194 3.6 3.0 4.6
 164 9.7 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

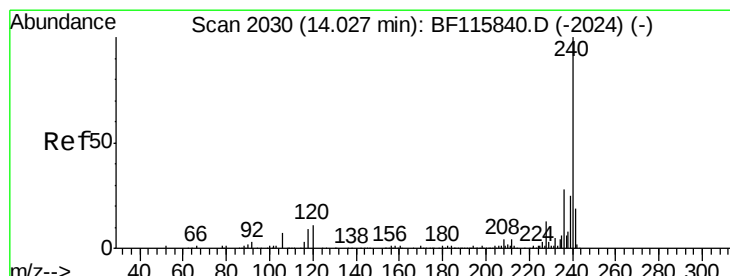
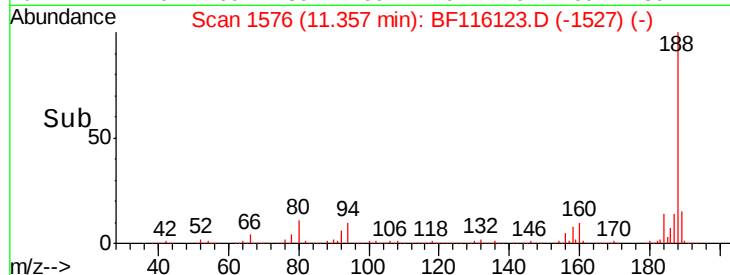
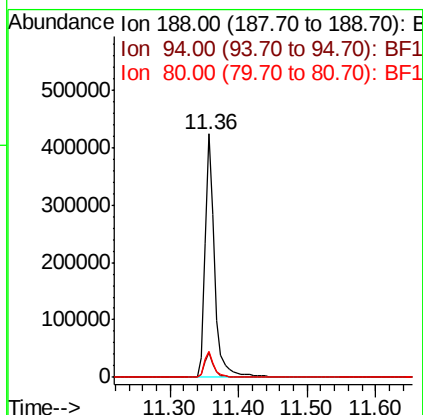
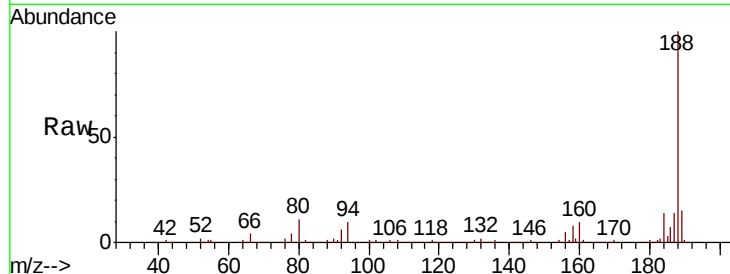




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF116123.D
Acq: 9 Aug 2019 20:12

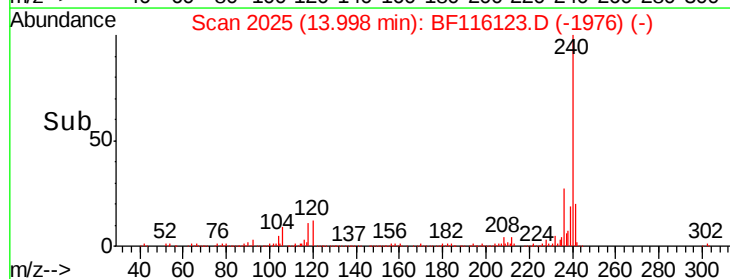
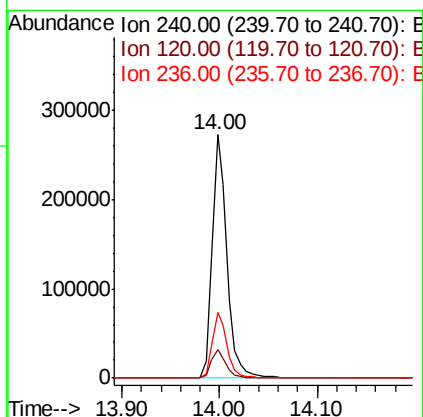
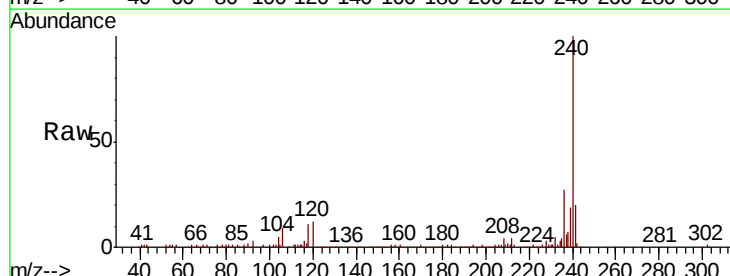
Instrument :
BNA_F
ClientSampleId :
BERGEN-SP-2

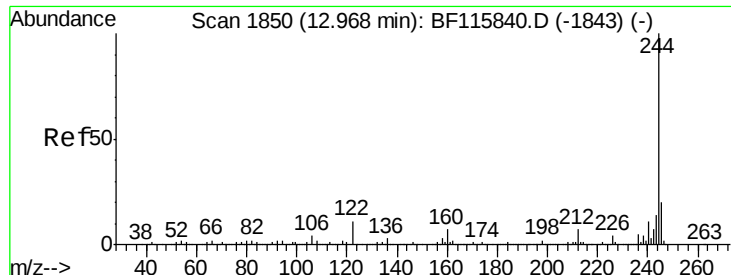
Tot Ion:188 Resp: 423887
Ion Ratio Lower Upper
188 100
94 10.3 8.1 12.1
80 10.9 8.7 13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF116123.D
Acq: 9 Aug 2019 20:12

Tgt Ion:240 Resp: 283844
Ion Ratio Lower Upper
240 100
120 11.8 10.7 16.1
236 26.9 22.2 33.2





#79

Terphenyl-d14

Concen: 89.695 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF116123.D

Acq: 9 Aug 2019 20:12

Instrument :

BNA_F

ClientSampleId :

BERGEN-SP-2

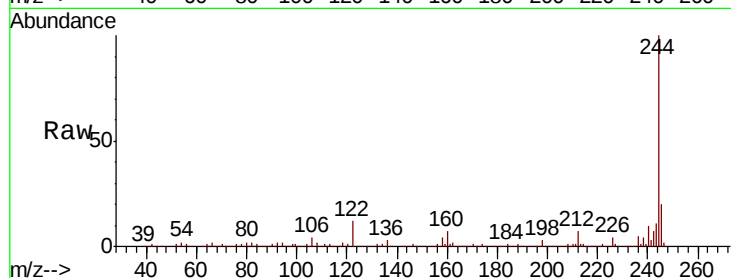
Tot Ion:244 Resp: 1208223

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

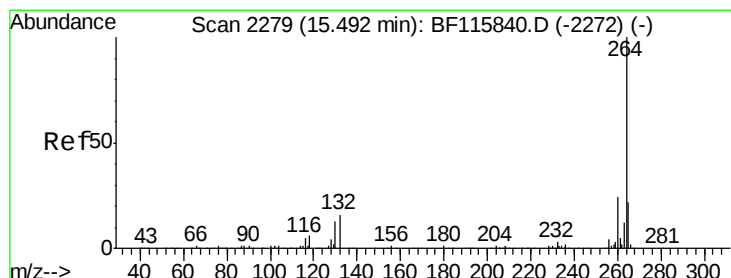
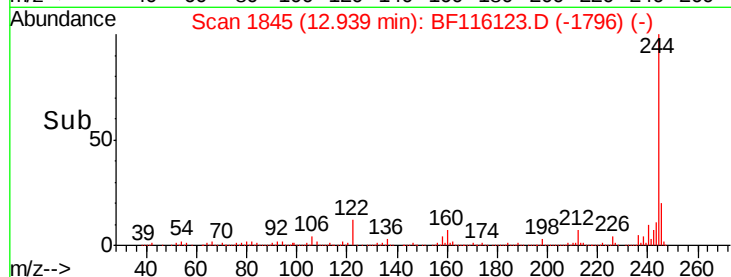
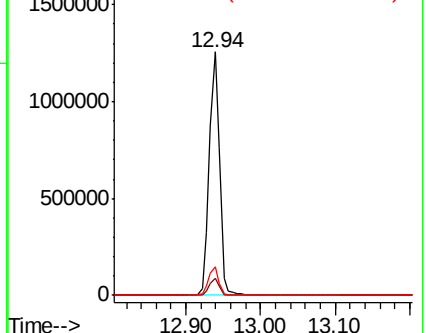
122 11.9 9.0 13.4



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: BF116123.D

Acq: 9 Aug 2019 20:12

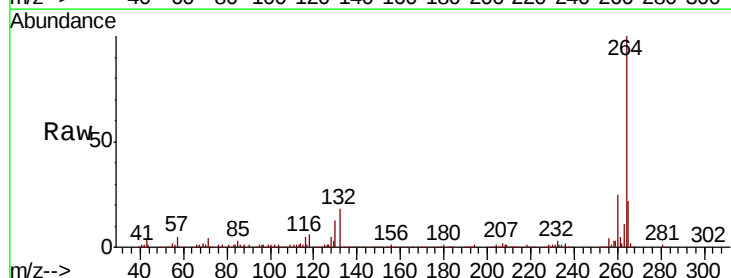
Tgt Ion:264 Resp: 310436

Ion Ratio Lower Upper

264 100

260 24.7 19.7 29.5

265 21.9 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

