

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
 Data File : BF116133.D
 Acq On : 10 Aug 2019 00:46
 Operator : HP/JU
 Sample : K4244-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BERGEN-SP-1

Quant Time: Aug 10 06:47:22 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	122473	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	454049	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	223866	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	349408	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	268346	20.00	ng	0.00
87) Perylene-d12	15.47	264	305156	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	842905	115.22	ng	0.00
7) Phenol-d6	6.48	99	974166	105.54	ng	0.00
23) Nitrobenzene-d5	7.40	82	769712	97.85	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	279372	128.72	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1275535	106.72	ng	-0.01
79) Terphenyl-d14	12.94	244	1186699	93.18	ng	-0.01

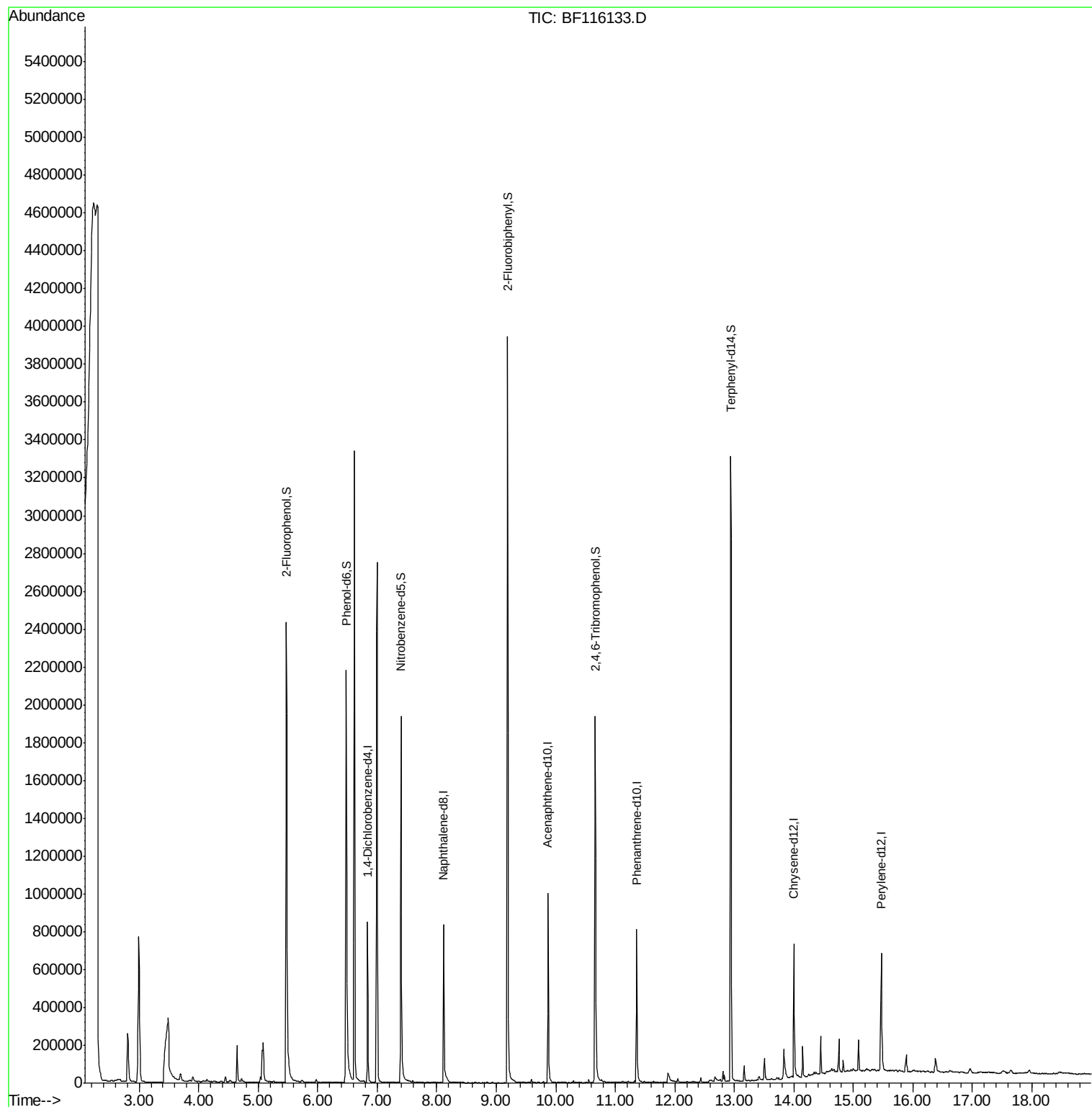
Target Compounds Qvalue

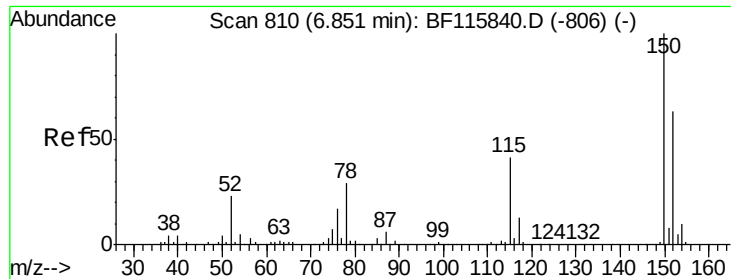
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
Data File : BF116133.D
Acq On : 10 Aug 2019 00:46
Operator : HP/JU
Sample : K4244-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BERGEN-SP-1

Quant Time: Aug 10 06:47:22 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



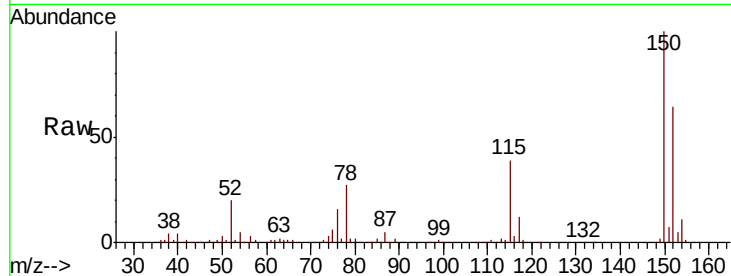


#1

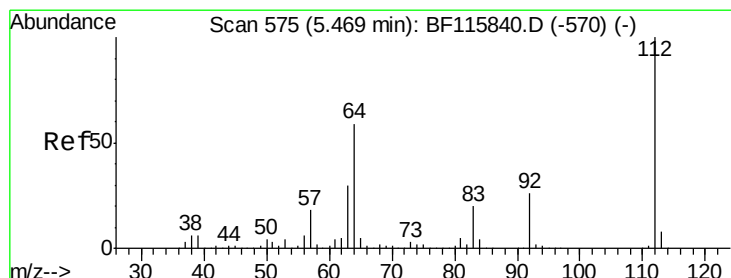
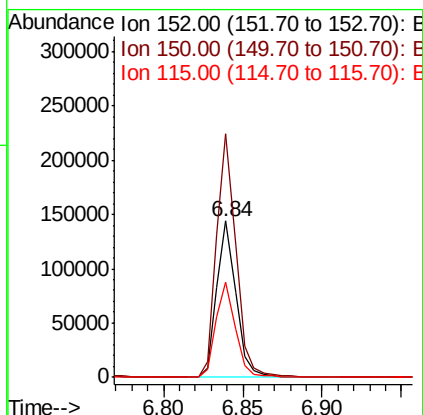
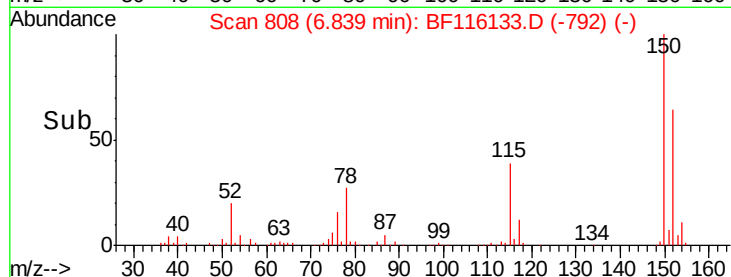
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF116133.D
Acq: 10 Aug 2019 00:46

Instrument :
BNA_F
ClientSampleId :
BERGEN-SP-1

Tot Ion:152 Resp: 122473
Ion Ratio Lower Upper
152 100
150 155.6 126.2 189.2
115 60.7 49.9 74.9



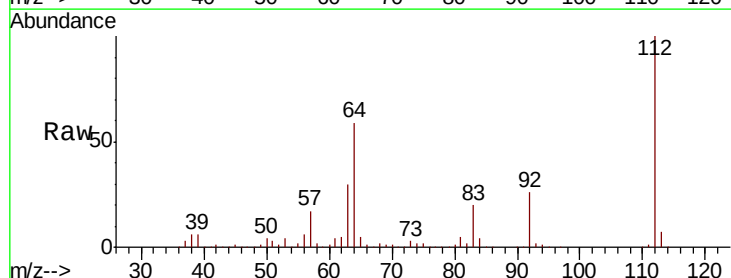
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



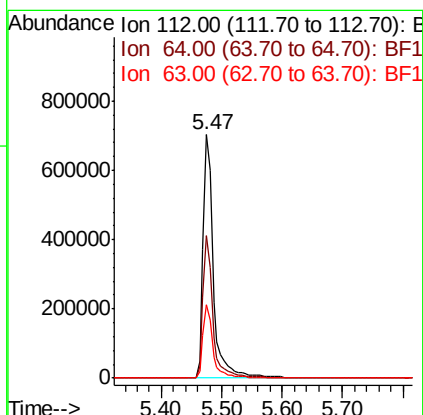
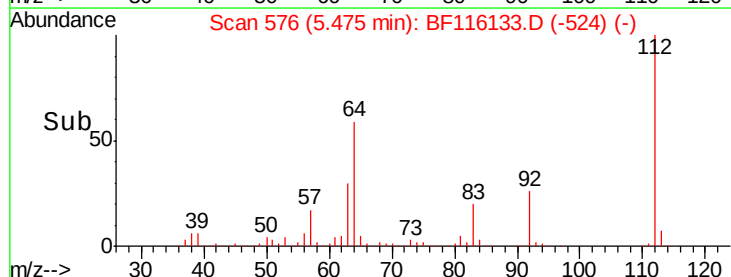
#5

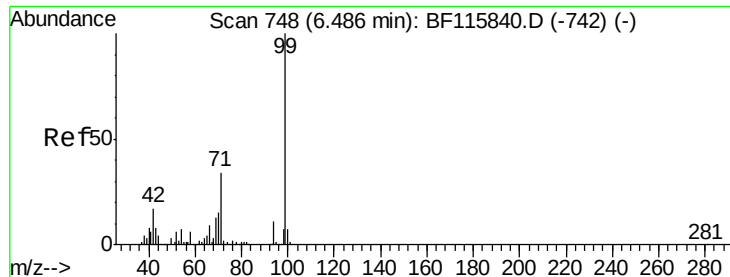
2-Fluorophenol
Concen: 115.215 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF116133.D
Acq: 10 Aug 2019 00:46

Tgt Ion:112 Resp: 842905
Ion Ratio Lower Upper
112 100
64 58.6 45.4 68.2
63 30.4 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: 105.540 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF116133.D

Acq: 10 Aug 2019 00:46

Instrument :

BNA_F

ClientSampleId :

BERGEN-SP-1

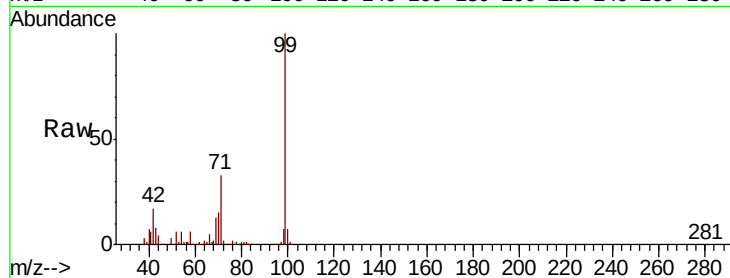
Tot Ion: 99 Resp: 974166

Ion Ratio Lower Upper

99 100

42 16.7 13.8 20.8

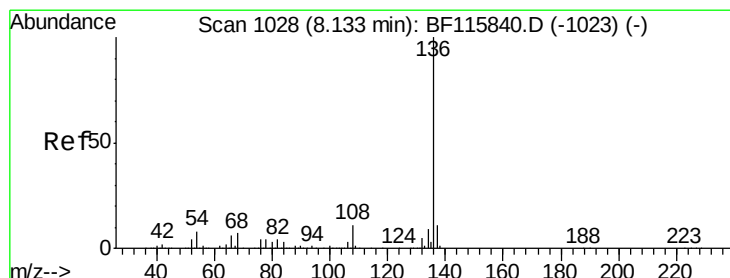
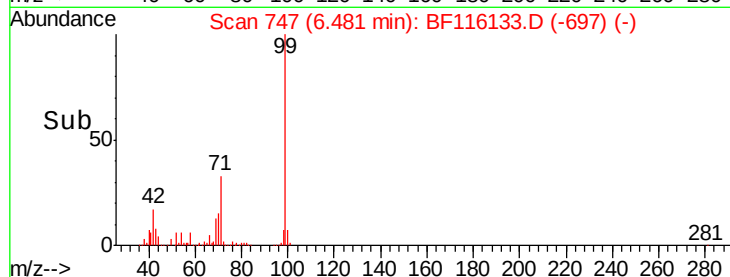
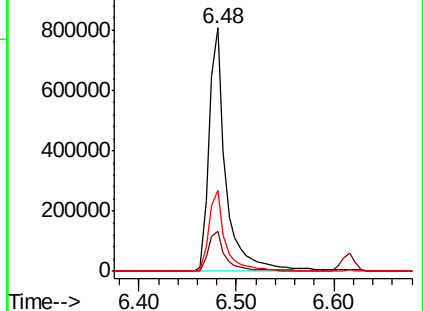
71 33.1 27.3 40.9



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: BF116133.D

Acq: 10 Aug 2019 00:46

Tgt Ion: 136 Resp: 454049

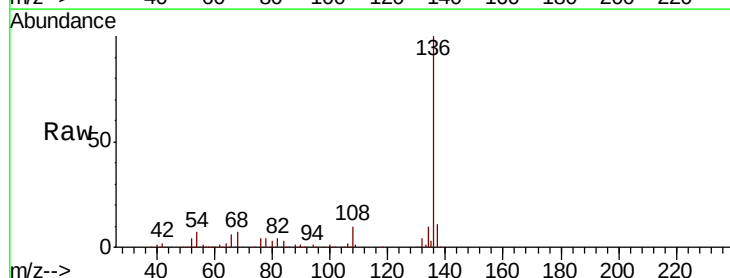
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.4

54 7.4 5.8 8.6

68 6.6 5.2 7.8

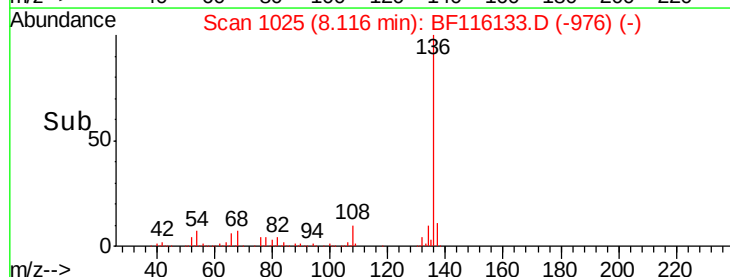
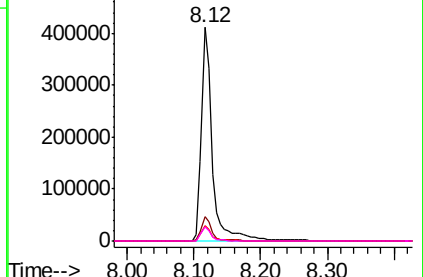


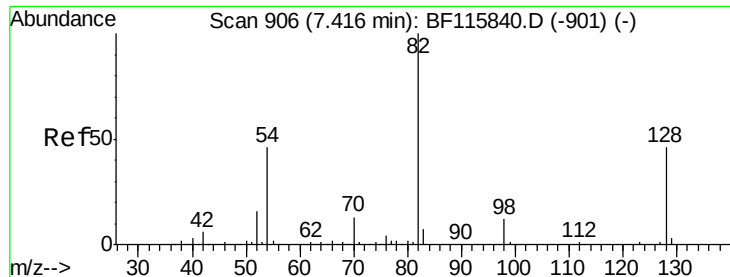
Abundance Ion 136.00 (135.70 to 136.70): E

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

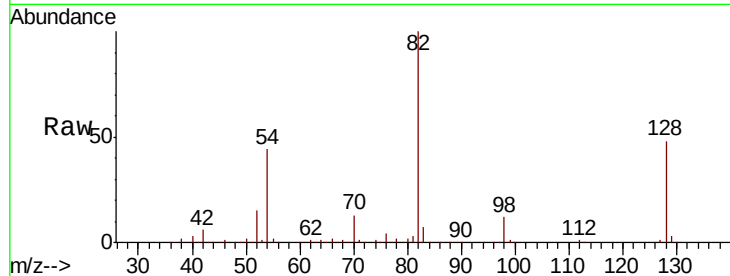




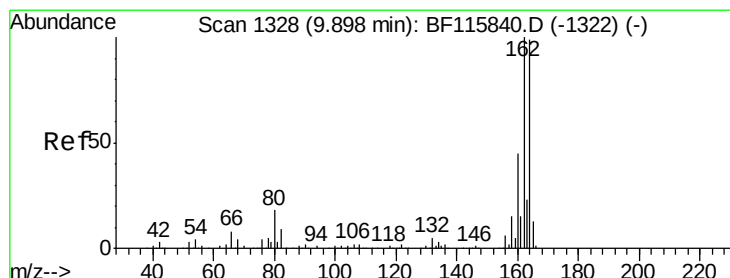
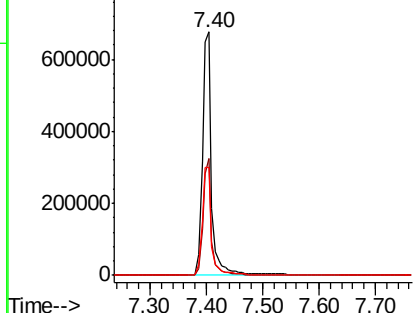
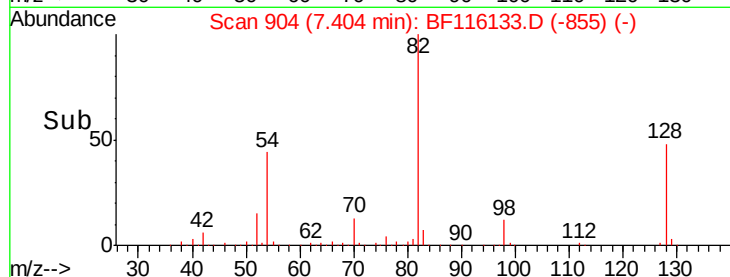
#23
 Nitrobenzene-d5
 Concen: 97.853 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF116133.D
 Acq: 10 Aug 2019 00:46

Instrument :
 BNA_F
 ClientSampleId :
 BERGEN-SP-1

Tot Ion: 82 Resp: 769712
 Ion Ratio Lower Upper
 82 100
 128 48.2 36.5 54.7
 54 44.1 36.0 54.0

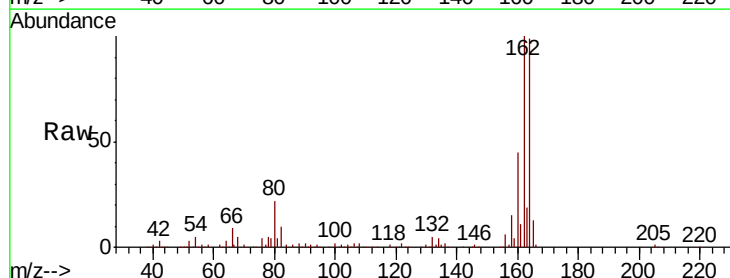


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

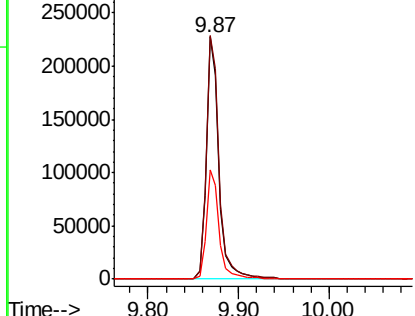
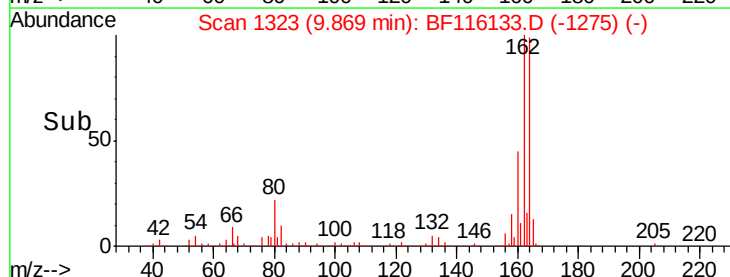


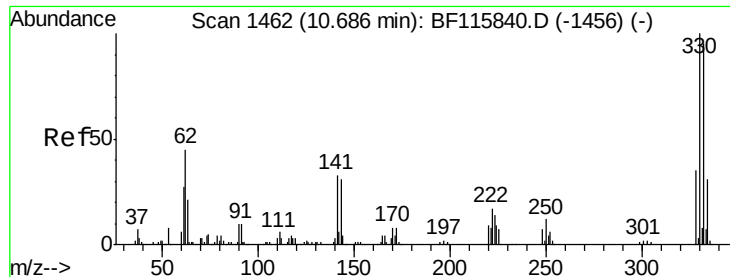
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF116133.D
 Acq: 10 Aug 2019 00:46

Tgt Ion: 164 Resp: 223866
 Ion Ratio Lower Upper
 164 100
 162 100.7 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: 128.717 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BF116133.D

Acq: 10 Aug 2019 00:46

Instrument :

BNA_F

ClientSampleId :

BERGEN-SP-1

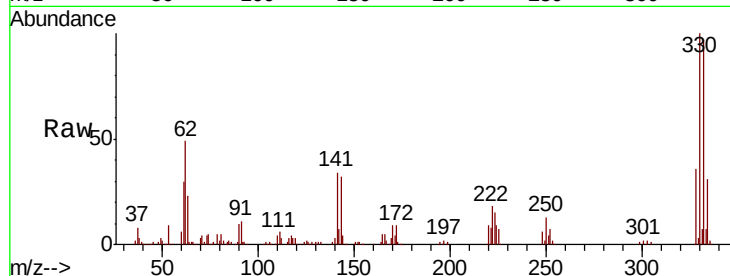
Tot Ion:330 Resp: 279372

Ion Ratio Lower Upper

330 100

332 95.8 76.8 115.2

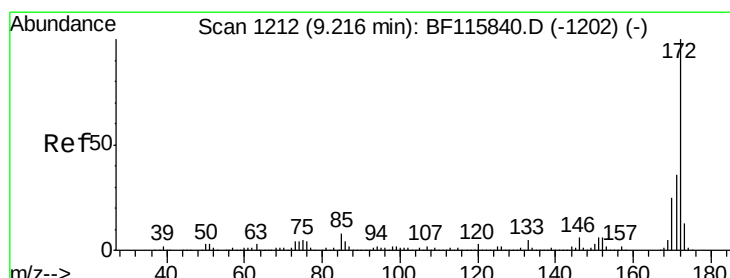
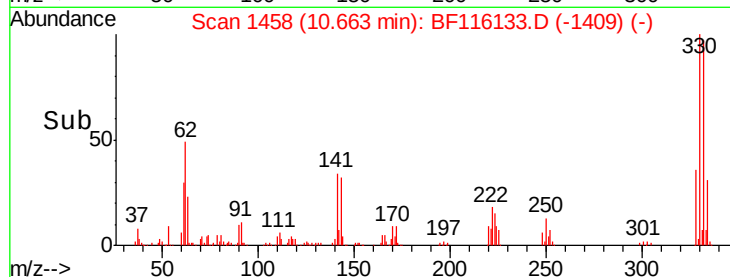
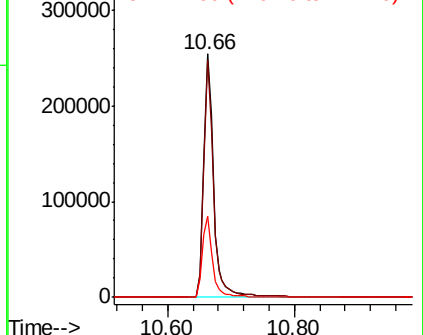
141 33.7 26.3 39.5



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: 106.723 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF116133.D

Acq: 10 Aug 2019 00:46

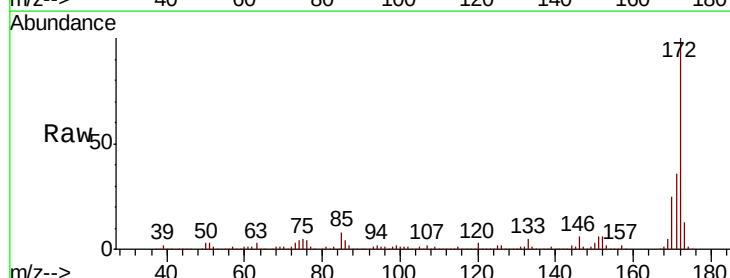
Tgt Ion:172 Resp: 1275535

Ion Ratio Lower Upper

172 100

171 36.2 29.6 44.4

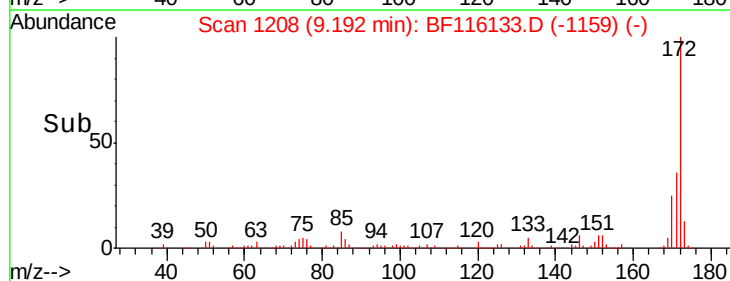
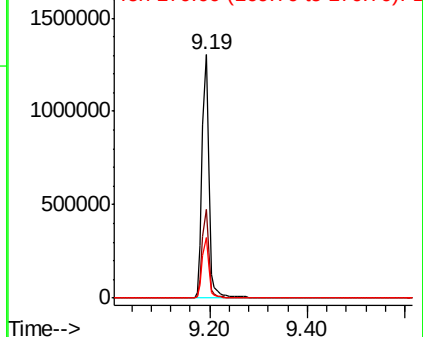
170 24.7 20.1 30.1

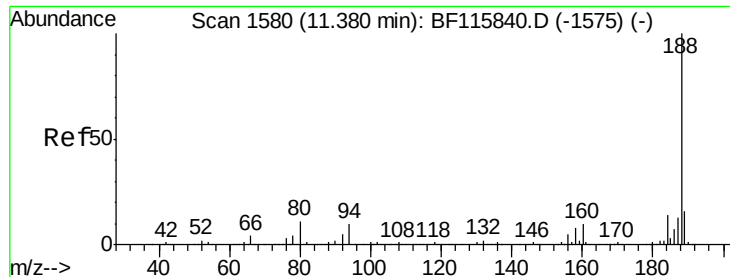


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

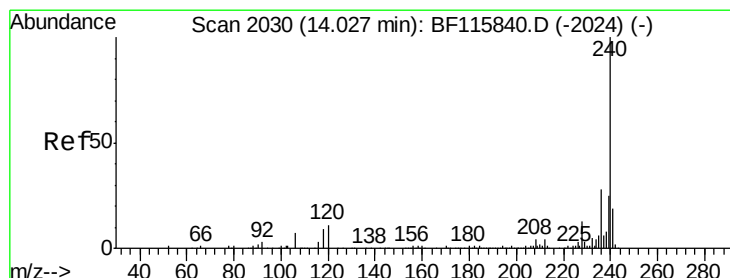
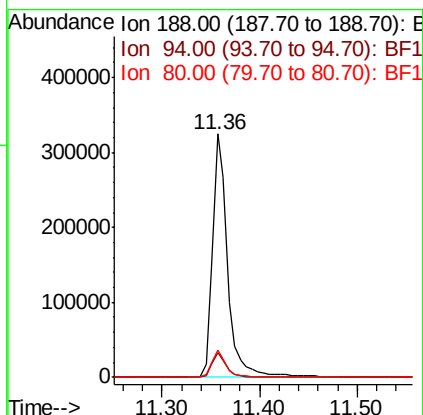
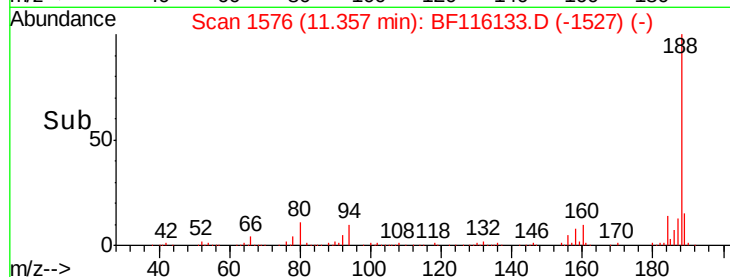
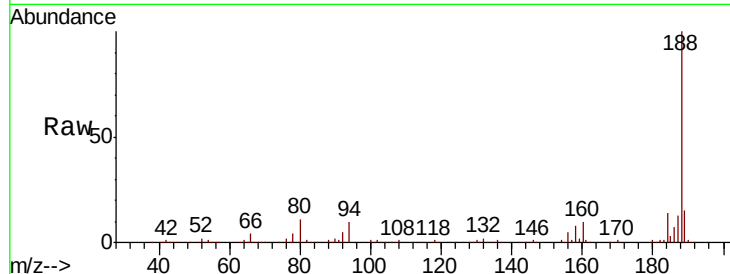




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF116133.D
Acq: 10 Aug 2019 00:46

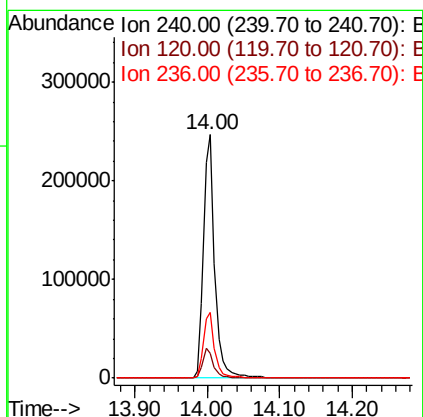
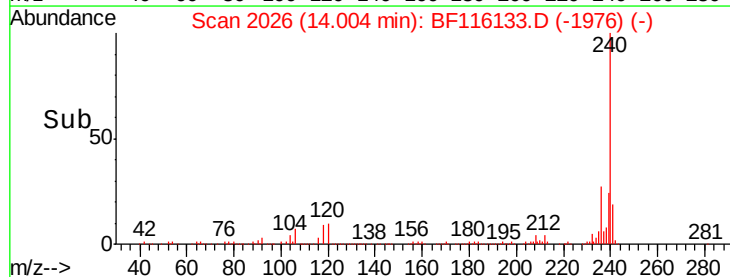
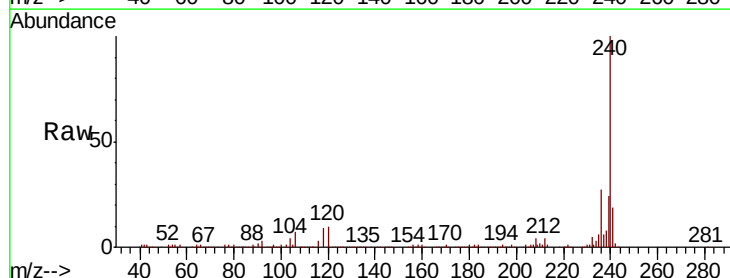
Instrument :
BNA_F
ClientSampleId :
BERGEN-SP-1

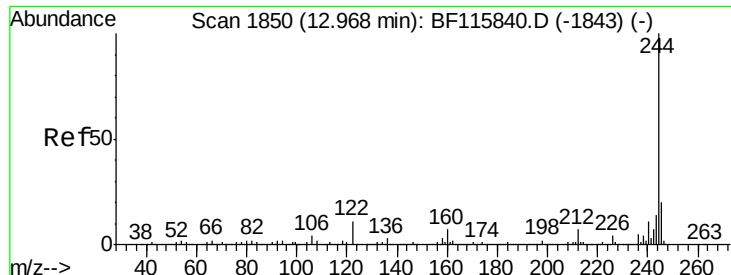
Tot Ion:188 Resp: 349408
Ion Ratio Lower Upper
188 100
94 10.2 8.1 12.1
80 11.2 8.7 13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF116133.D
Acq: 10 Aug 2019 00:46

Tgt Ion:240 Resp: 268346
Ion Ratio Lower Upper
240 100
120 10.2 10.7 16.1#
236 27.0 22.2 33.2





#79

Terphenyl-d14

Concen: 93.185 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF116133.D

Acq: 10 Aug 2019 00:46

Instrument :

BNA_F

ClientSampleId :

BERGEN-SP-1

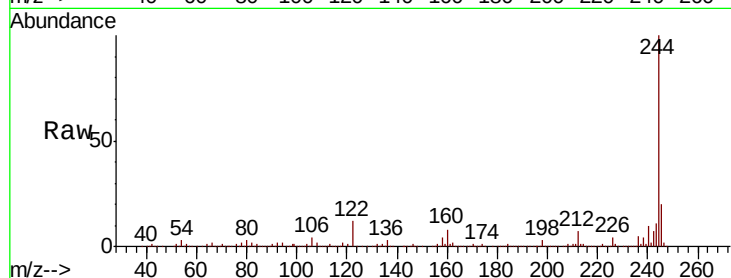
Tot Ion:244 Resp: 1186699

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

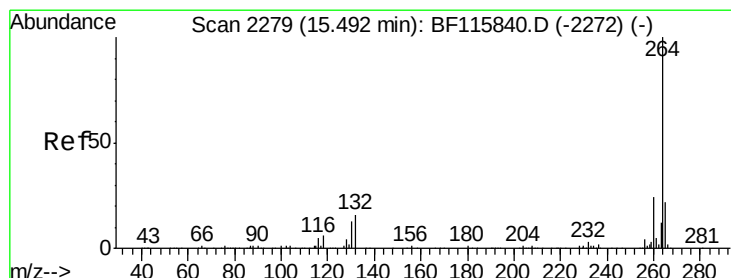
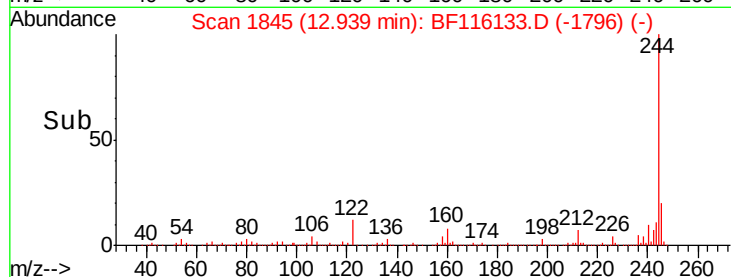
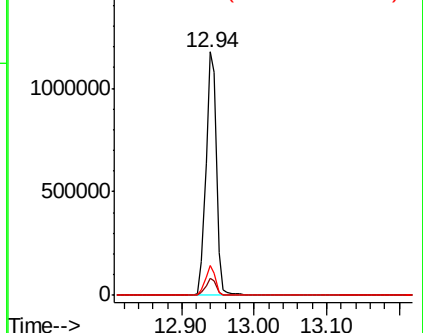
122 12.4 9.0 13.4



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: BF116133.D

Acq: 10 Aug 2019 00:46

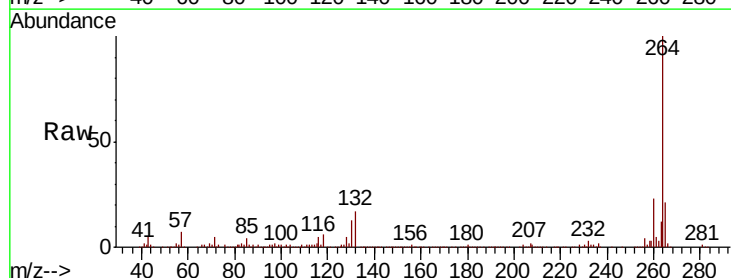
Tgt Ion:264 Resp: 305156

Ion Ratio Lower Upper

264 100

260 23.5 19.7 29.5

265 21.1 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

