

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081019\
 Data File : BF116158.D
 Acq On : 10 Aug 2019 19:28
 Operator : HP/JU
 Sample : K4257-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SAND-A

Quant Time: Aug 12 03:07:48 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

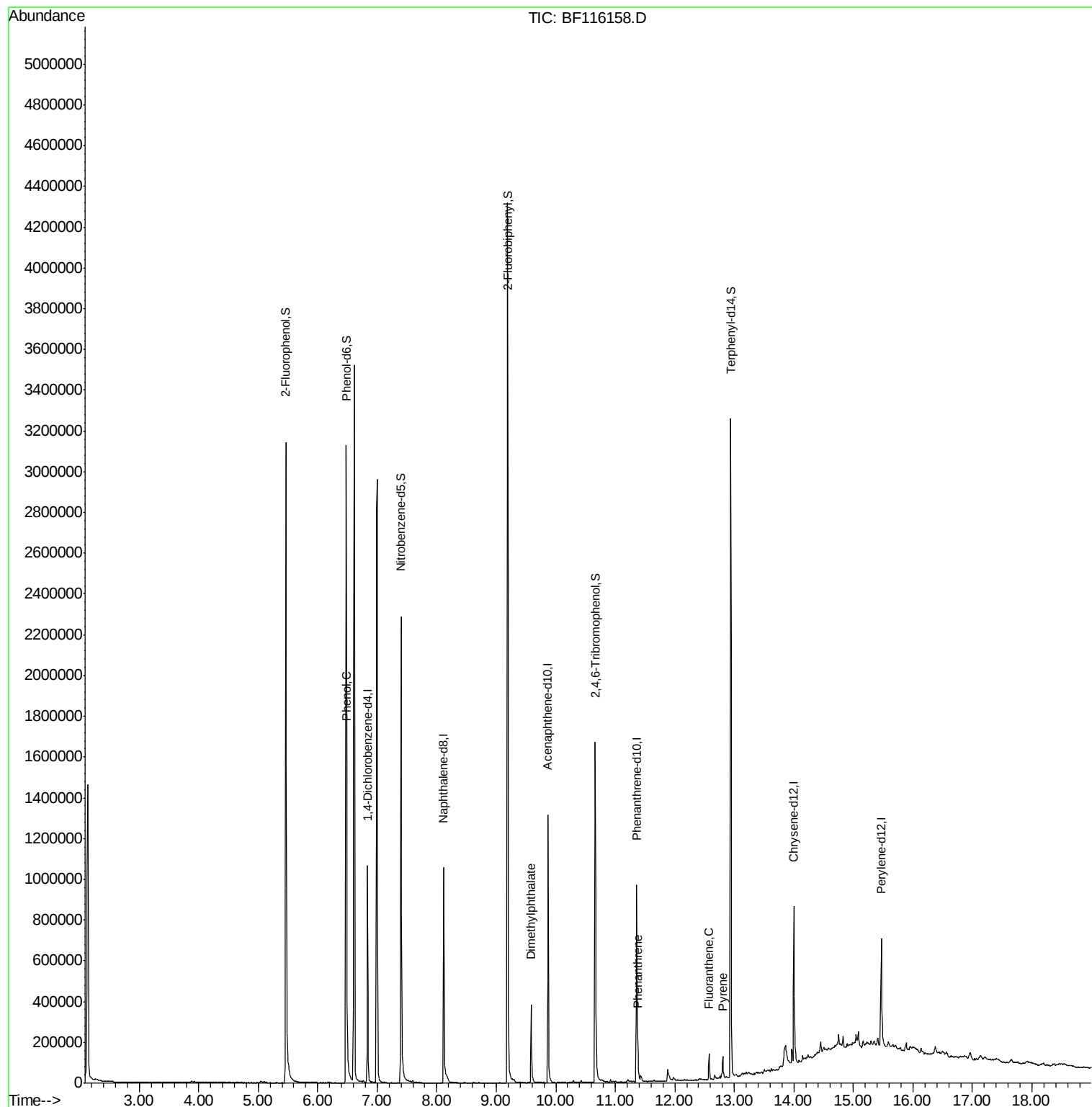
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	158422	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	589327	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	270023	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	389672	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	285240	20.00	ng	-0.01
87) Perylene-d12	15.47	264	272988	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1015554	107.31	ng	0.00
7) Phenol-d6	6.48	99	1308897	109.63	ng	0.00
23) Nitrobenzene-d5	7.40	82	860732	84.31	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	243460	93.00	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1403361	97.35	ng	-0.01
79) Terphenyl-d14	12.94	244	1124736	83.09	ng	-0.01
Target Compounds						
10) Phenol	6.49	94	33403	2.376	ng	91
50) Dimethylphthalate	9.59	163	205199	11.161	ng	99
71) Phenanthrene	11.38	178	40067	2.011	ng	97
75) Fluoranthene	12.57	202	54147	2.596	ng	99
78) Pyrene	12.80	202	47828	2.224	ng	97

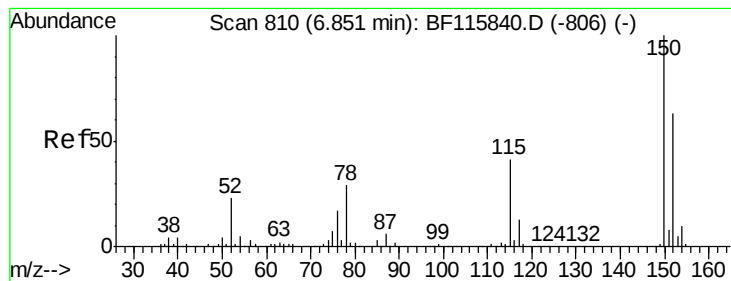
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF116158.D

Acq: 10 Aug 2019 19:28

Instrument :

BNA_F

ClientSampleId :

SAND-A

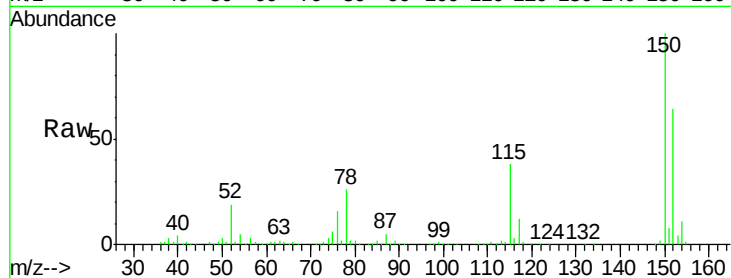
Tot Ion:152 Resp: 158422

Ion Ratio Lower Upper

152 100

150 155.9 126.2 189.2

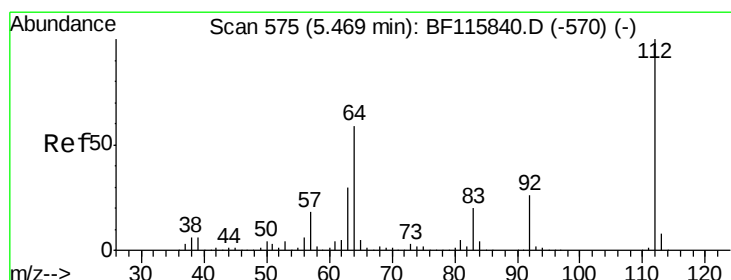
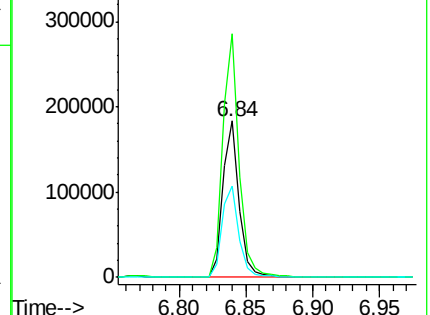
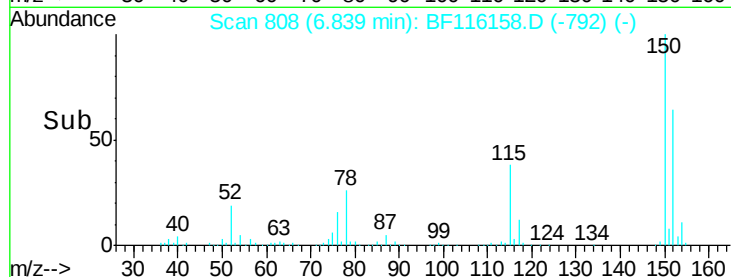
115 58.7 49.9 74.9



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: 107.315 ng

RT: 5.47 min Scan# 575

Delta R.T. -0.00 min

Lab File: BF116158.D

Acq: 10 Aug 2019 19:28

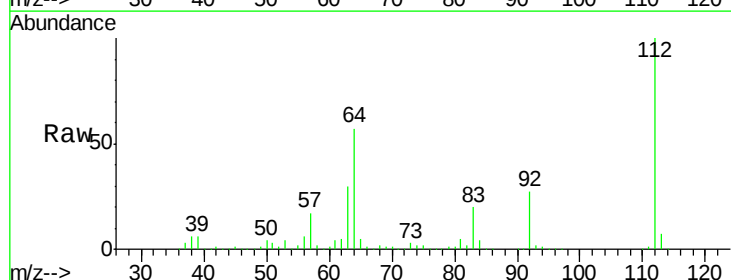
Tgt Ion:112 Resp: 1015554

Ion Ratio Lower Upper

112 100

64 57.5 45.4 68.2

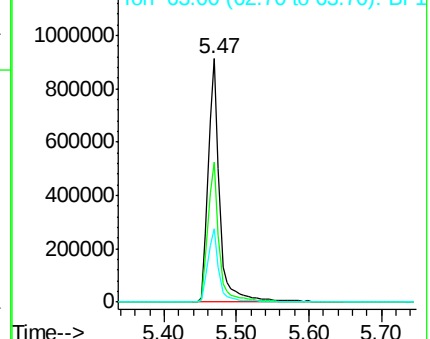
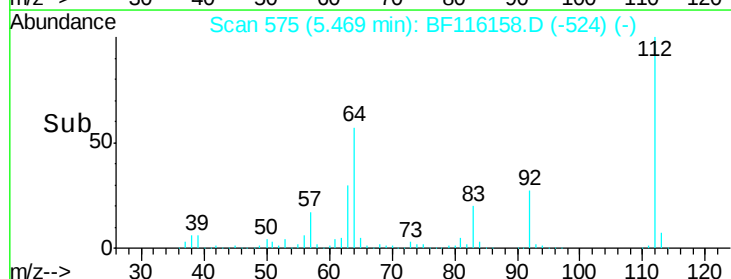
63 29.9 23.7 35.5

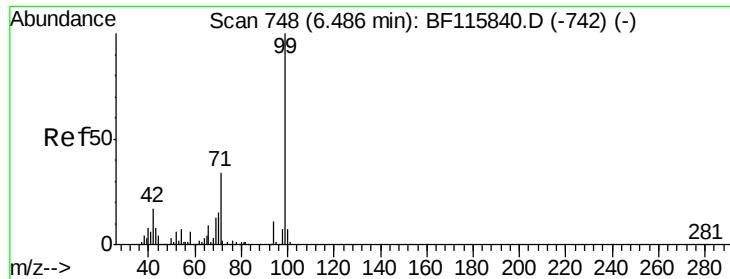


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 109.626 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF116158.D

Acq: 10 Aug 2019 19:28

Instrument :

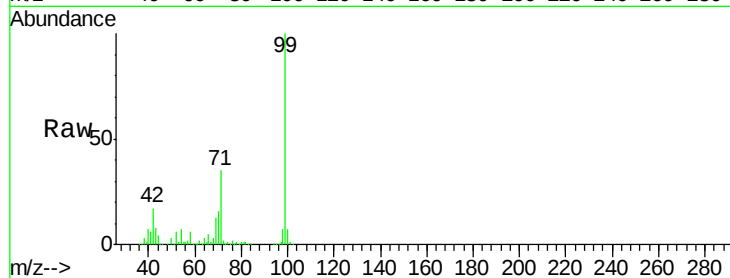
BNA_F

ClientSampleId :

SAND-A

Tot Ion: 99 Resp: 1308897

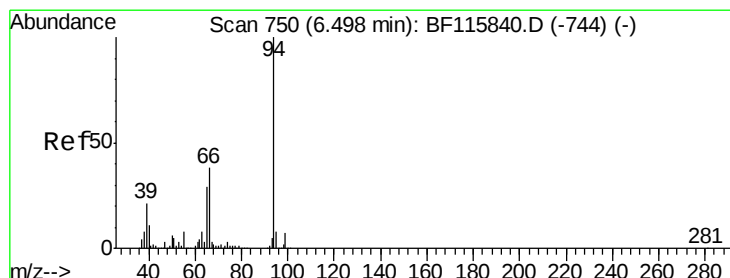
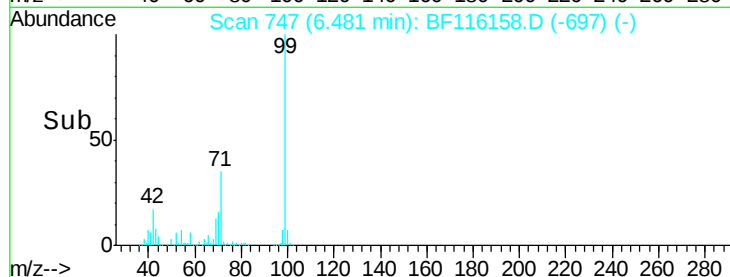
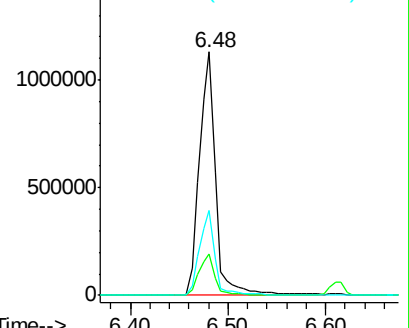
Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.8	20.8
71	34.7	27.3	40.9



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: 2.376 ng

RT: 6.49 min Scan# 749

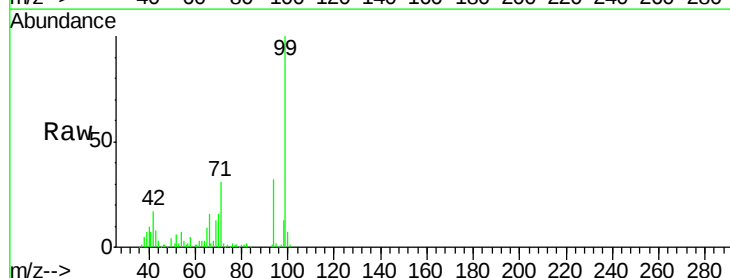
Delta R.T. -0.01 min

Lab File: BF116158.D

Acq: 10 Aug 2019 19:28

Tgt Ion: 94 Resp: 33403

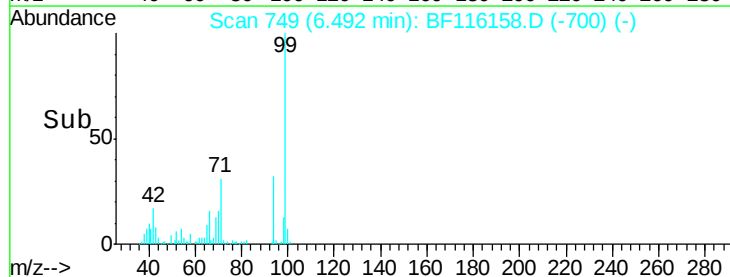
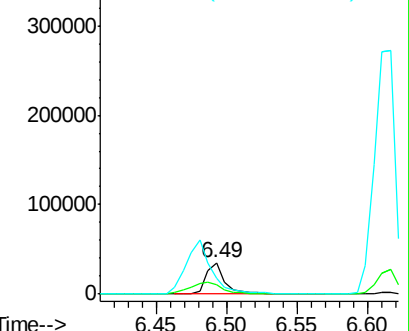
Ion	Ratio	Lower	Upper
94	100		
65	29.0	16.8	56.8
66	49.9	34.2	74.2

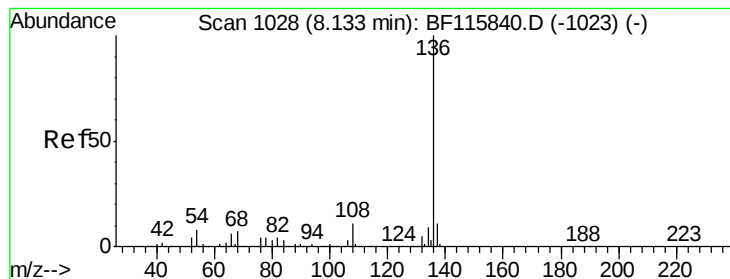


Abundance Ion 94.00 (93.70 to 94.70): BF1

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: BF116158.D

Acq: 10 Aug 2019 19:28

Instrument :

BNA_F

ClientSampleId :

SAND-A

Tot Ion:136 Resp: 589327

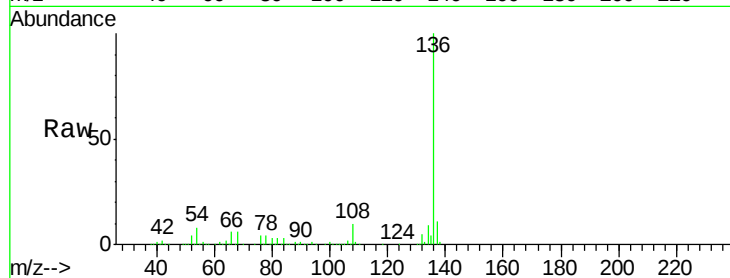
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 7.5 5.8 8.6

68 6.3 5.2 7.8

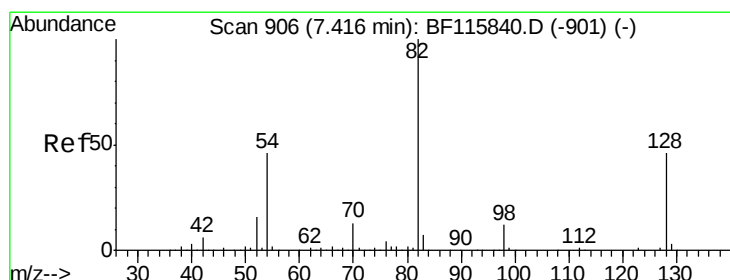
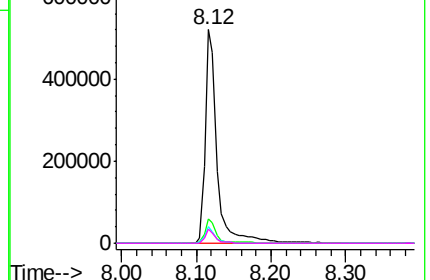
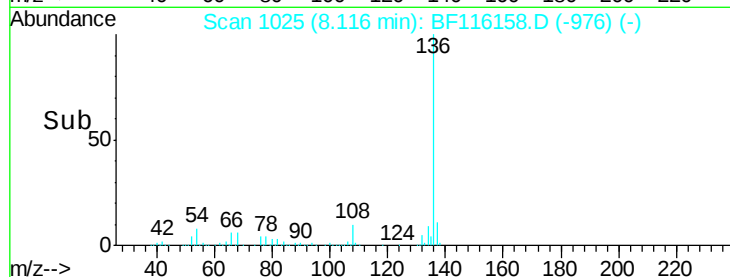


Abundance Ion 136.00 (135.70 to 136.70): E

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: 84.307 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF116158.D

Acq: 10 Aug 2019 19:28

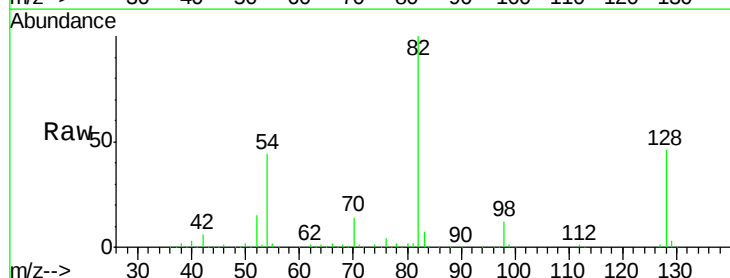
Tgt Ion: 82 Resp: 860732

Ion Ratio Lower Upper

82 100

128 45.8 36.5 54.7

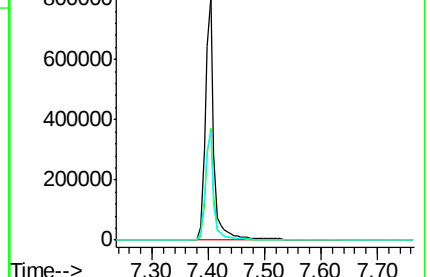
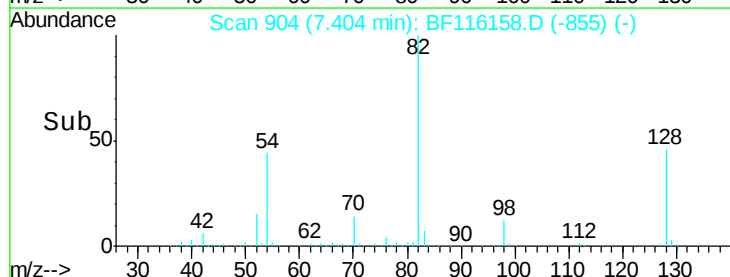
54 44.4 36.0 54.0

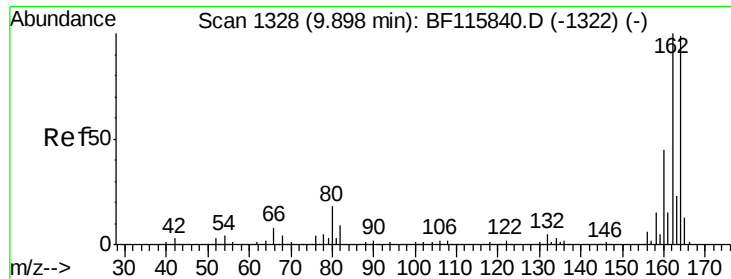


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: BF116158.D

Acq: 10 Aug 2019 19:28

Instrument :

BNA_F

ClientSampleId :

SAND-A

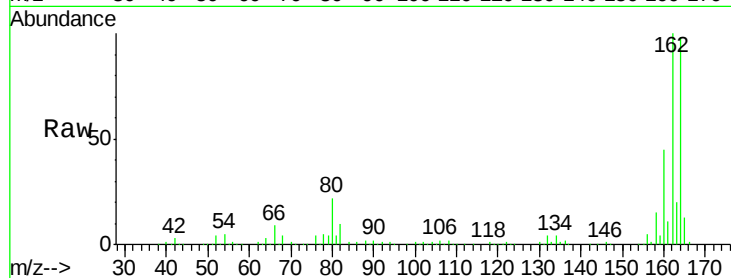
Tot Ion:164 Resp: 270023

Ion Ratio Lower Upper

164 100

162 102.4 82.6 124.0

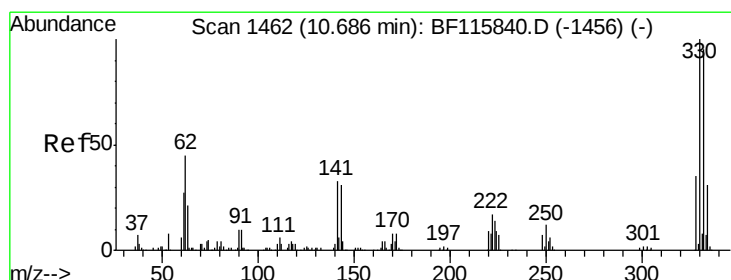
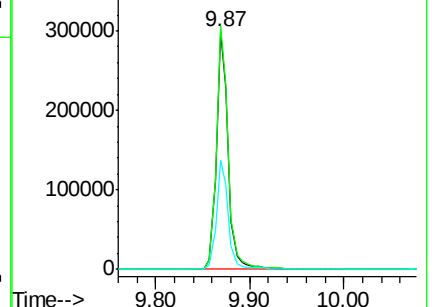
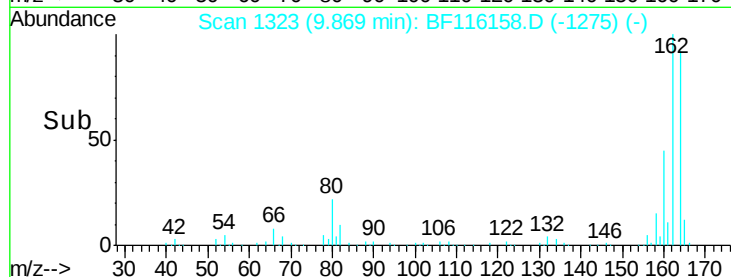
160 46.1 37.6 56.4



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: 92.996 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BF116158.D

Acq: 10 Aug 2019 19:28

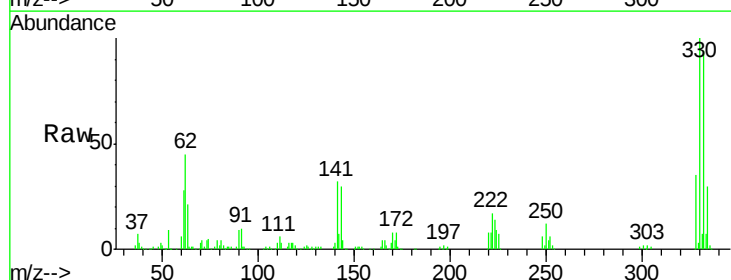
Tgt Ion:330 Resp: 243460

Ion Ratio Lower Upper

330 100

332 96.2 76.8 115.2

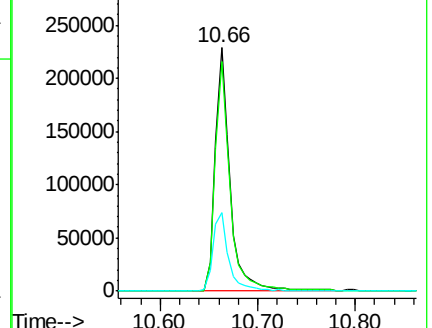
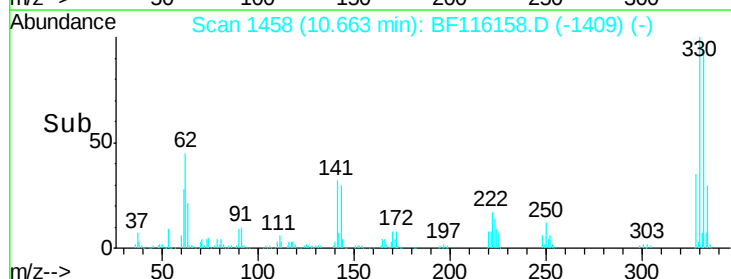
141 34.2 26.3 39.5

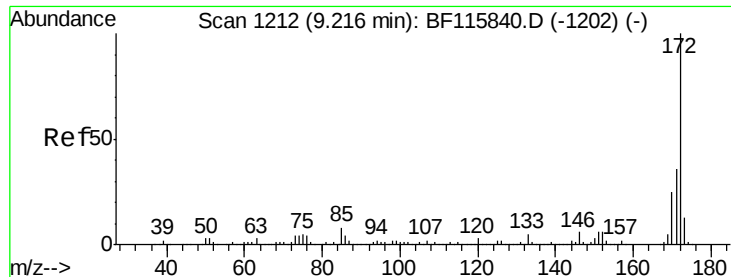


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



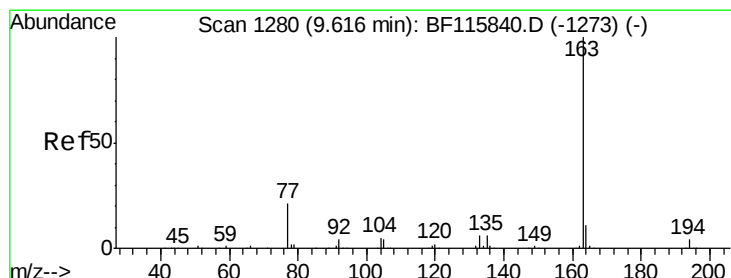
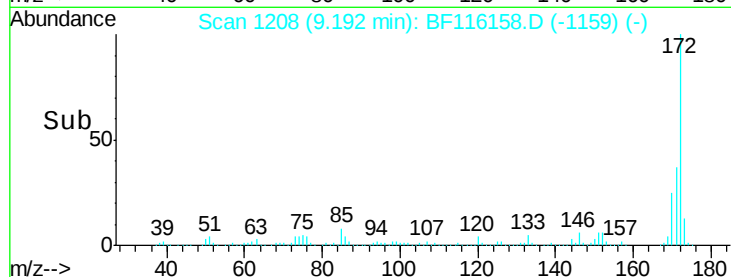
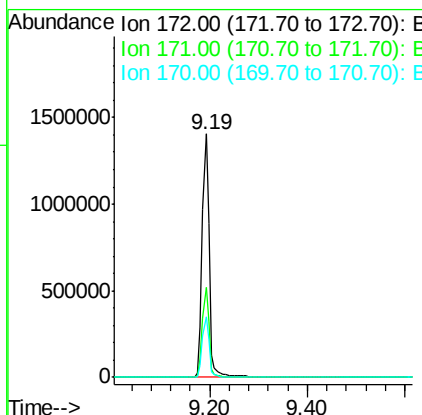
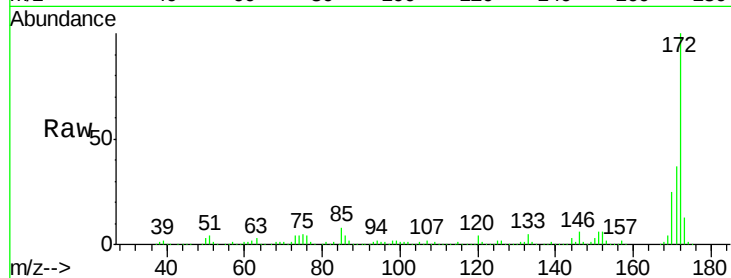


#45
 2-Fluorobiphenyl
 Concen: 97.347 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF116158.D
 Acq: 10 Aug 2019 19:28

Instrument :
 BNA_F
 ClientSampleId :
 SAND-A

Tot Ion:172 Resp: 1403361

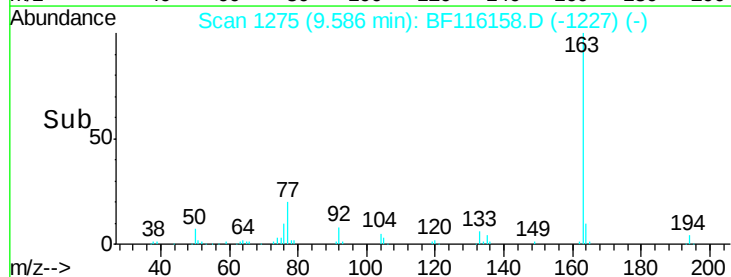
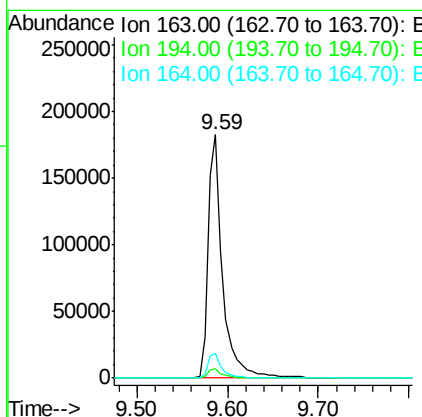
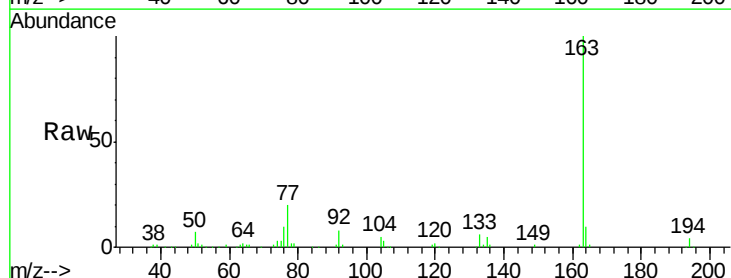
Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.6	44.4
170	25.0	20.1	30.1

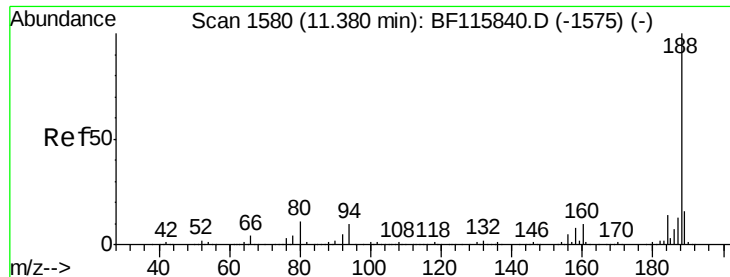


#50
 Dimethylphthalate
 Concen: 11.161 ng
 RT: 9.59 min Scan# 1275
 Delta R.T. -0.02 min
 Lab File: BF116158.D
 Acq: 10 Aug 2019 19:28

Tgt Ion:163 Resp: 205199

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.6
164	10.0	8.4	12.6

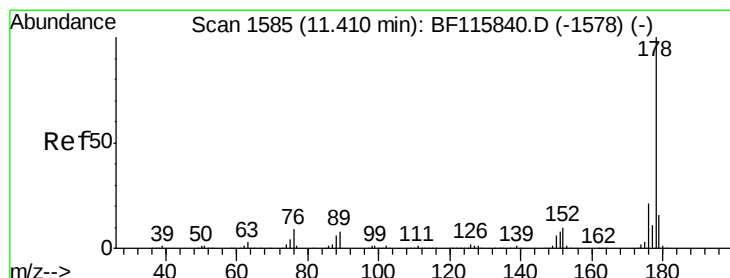
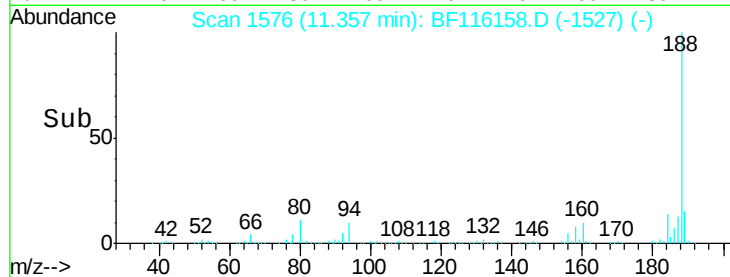
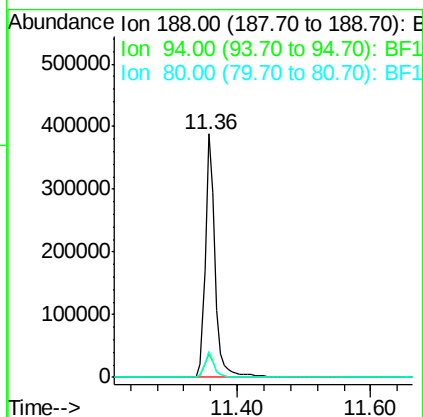
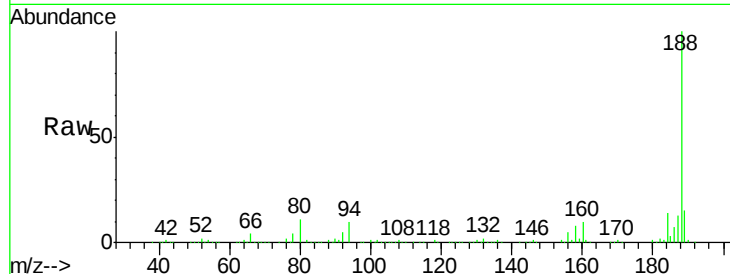




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF116158.D
Acq: 10 Aug 2019 19:28

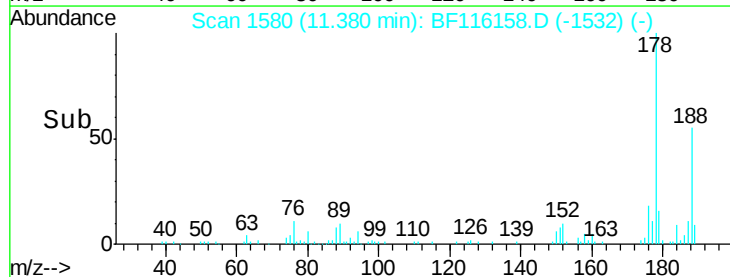
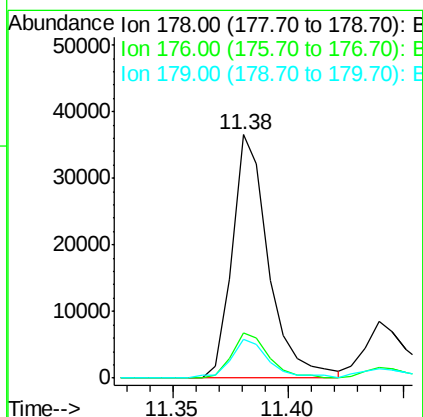
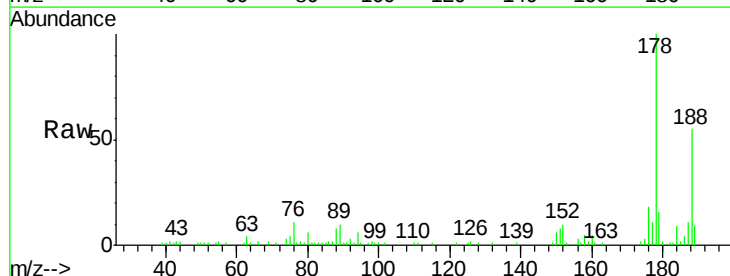
Instrument :
BNA_F
ClientSampleId :
SAND-A

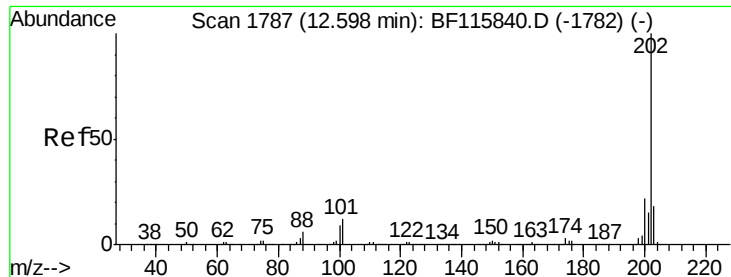
Tot Ion:188 Resp: 389672
Ion Ratio Lower Upper
188 100
94 9.9 8.1 12.1
80 10.9 8.7 13.1



#71
Phenanthrene
Concen: 2.011 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.02 min
Lab File: BF116158.D
Acq: 10 Aug 2019 19:28

Tgt Ion:178 Resp: 40067
Ion Ratio Lower Upper
178 100
176 18.3 16.6 24.8
179 15.9 12.5 18.7





#75

Fluoranthene

Concen: 2.596 ng

RT: 12.57 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BF116158.D

Acq: 10 Aug 2019 19:28

Instrument :

BNA_F

ClientSampleId :

SAND-A

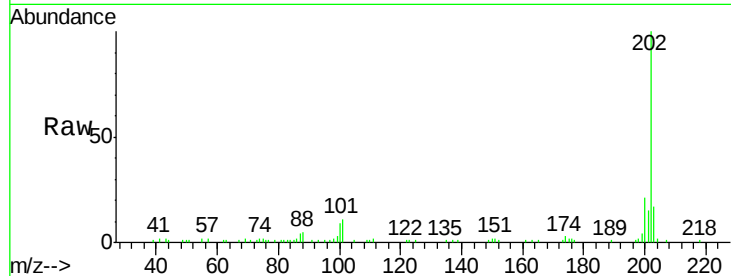
Tot Ion:202 Resp: 54147

Ion Ratio Lower Upper

202 100

101 11.1 0.0 31.2

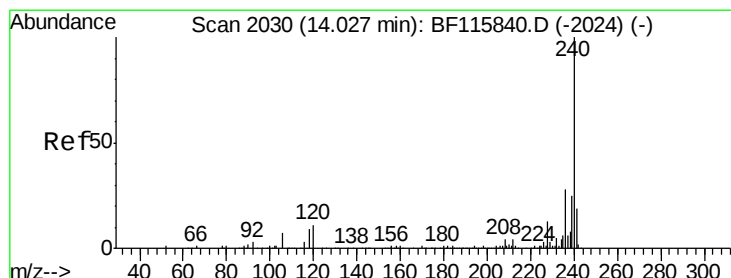
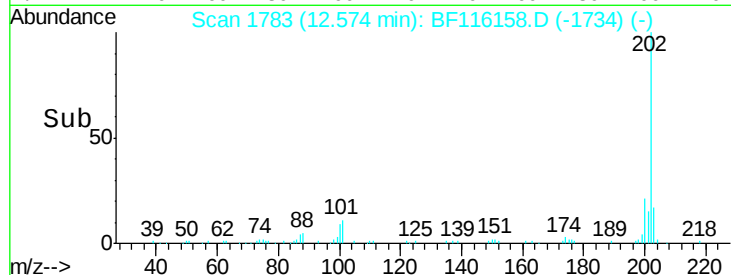
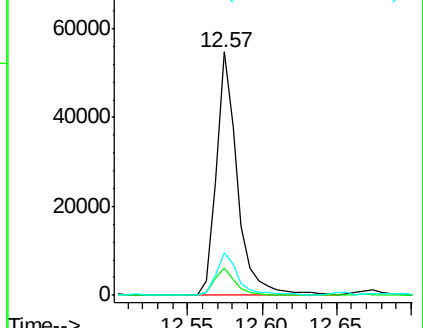
203 17.4 0.0 37.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF116158.D

Acq: 10 Aug 2019 19:28

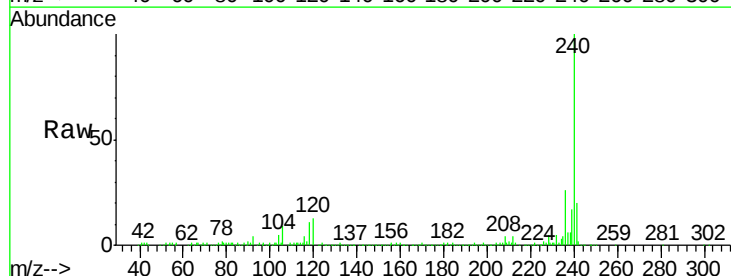
Tgt Ion:240 Resp: 285240

Ion Ratio Lower Upper

240 100

120 12.9 10.7 16.1

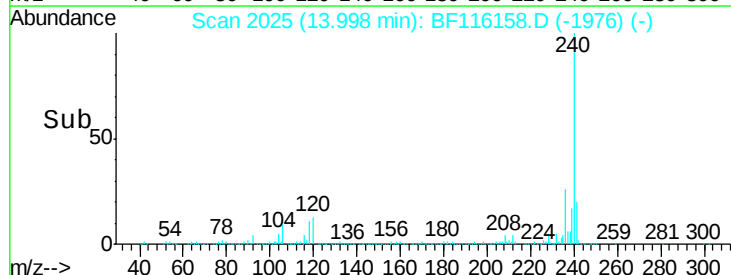
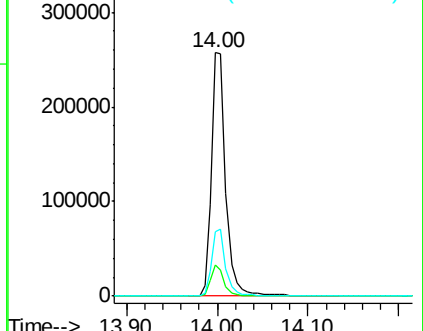
236 26.5 22.2 33.2

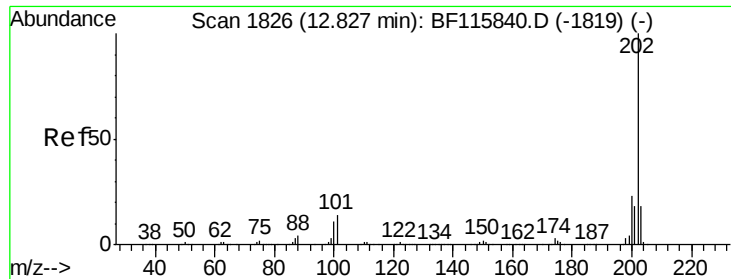


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

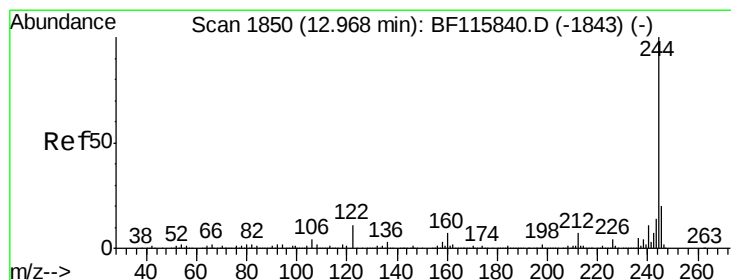
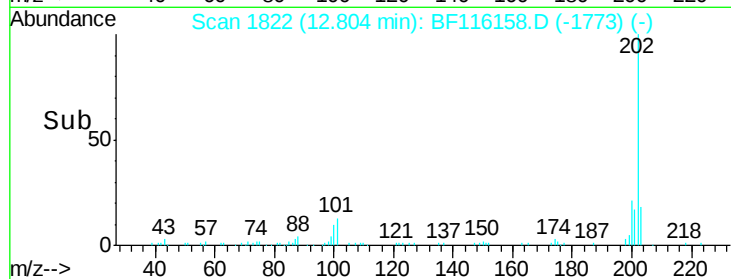
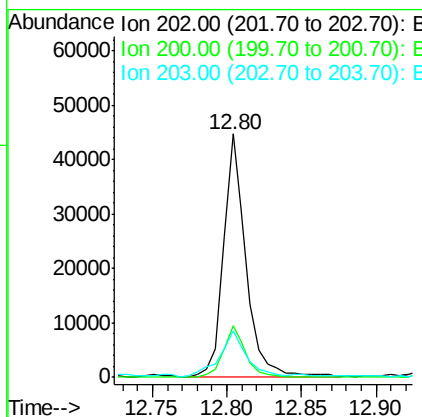
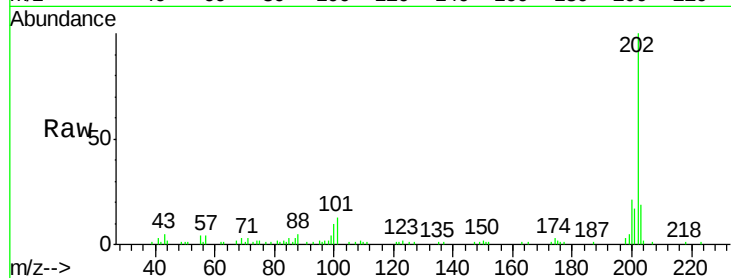




#78
Pvrene
Concen: 2.224 ng
RT: 12.80 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BF116158.D
Acq: 10 Aug 2019 19:28

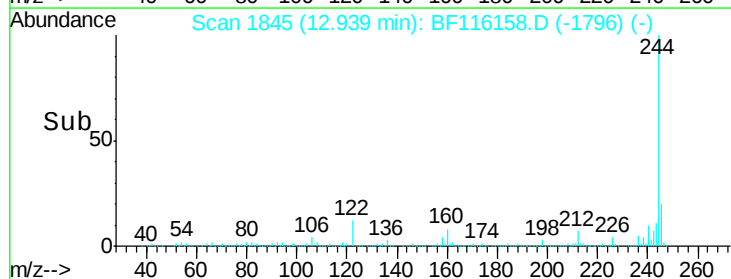
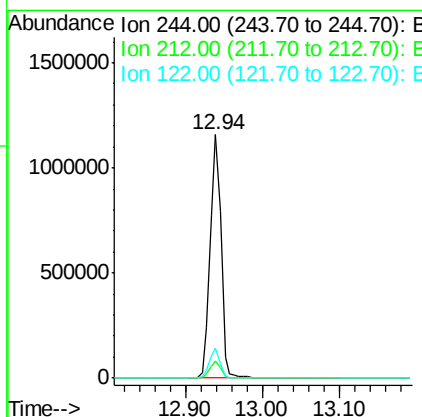
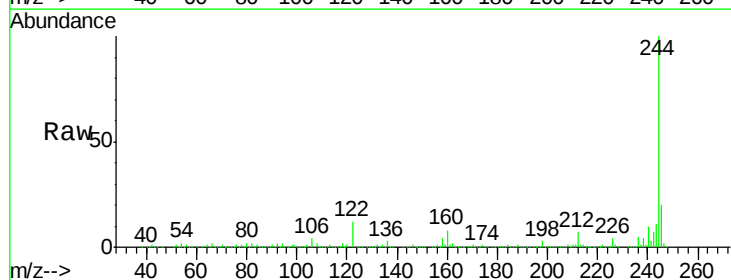
Instrument :
BNA_F
ClientSampleId :
SAND-A

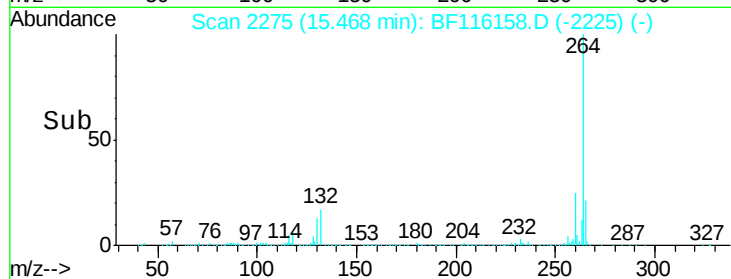
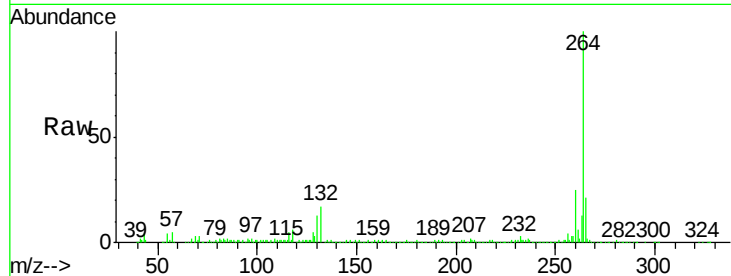
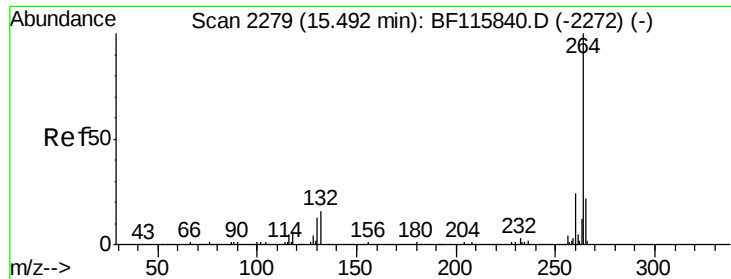
Tot Ion:202 Resp: 47828
Ion Ratio Lower Upper
202 100
200 21.4 18.0 27.0
203 18.9 14.1 21.1



#79
Terphenyl-d14
Concen: 83.088 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BF116158.D
Acq: 10 Aug 2019 19:28

Tgt Ion:244 Resp: 1124736
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.8
122 12.2 9.0 13.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF116158.D
Acq: 10 Aug 2019 19:28

Instrument :
BNA_F
ClientSampleId :
SAND-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.7	29.5
265	21.4	17.4	26.0

