

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
 Data File : BF116106.D
 Acq On : 9 Aug 2019 11:57
 Operator : HP/JU
 Sample : PB122075BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122075BL

Quant Time: Aug 10 03:06:31 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	143815	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	560309	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	297080	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	520293	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	360869	20.00	ng	-0.01
87) Perylene-d12	15.47	264	327020	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1019085	118.63	ng	0.00
7) Phenol-d6	6.48	99	1315379	121.36	ng	0.00
23) Nitrobenzene-d5	7.40	82	873706	90.01	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	357873	124.25	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1481732	93.42	ng	-0.01
79) Terphenyl-d14	12.94	244	1594271	93.09	ng	0.00

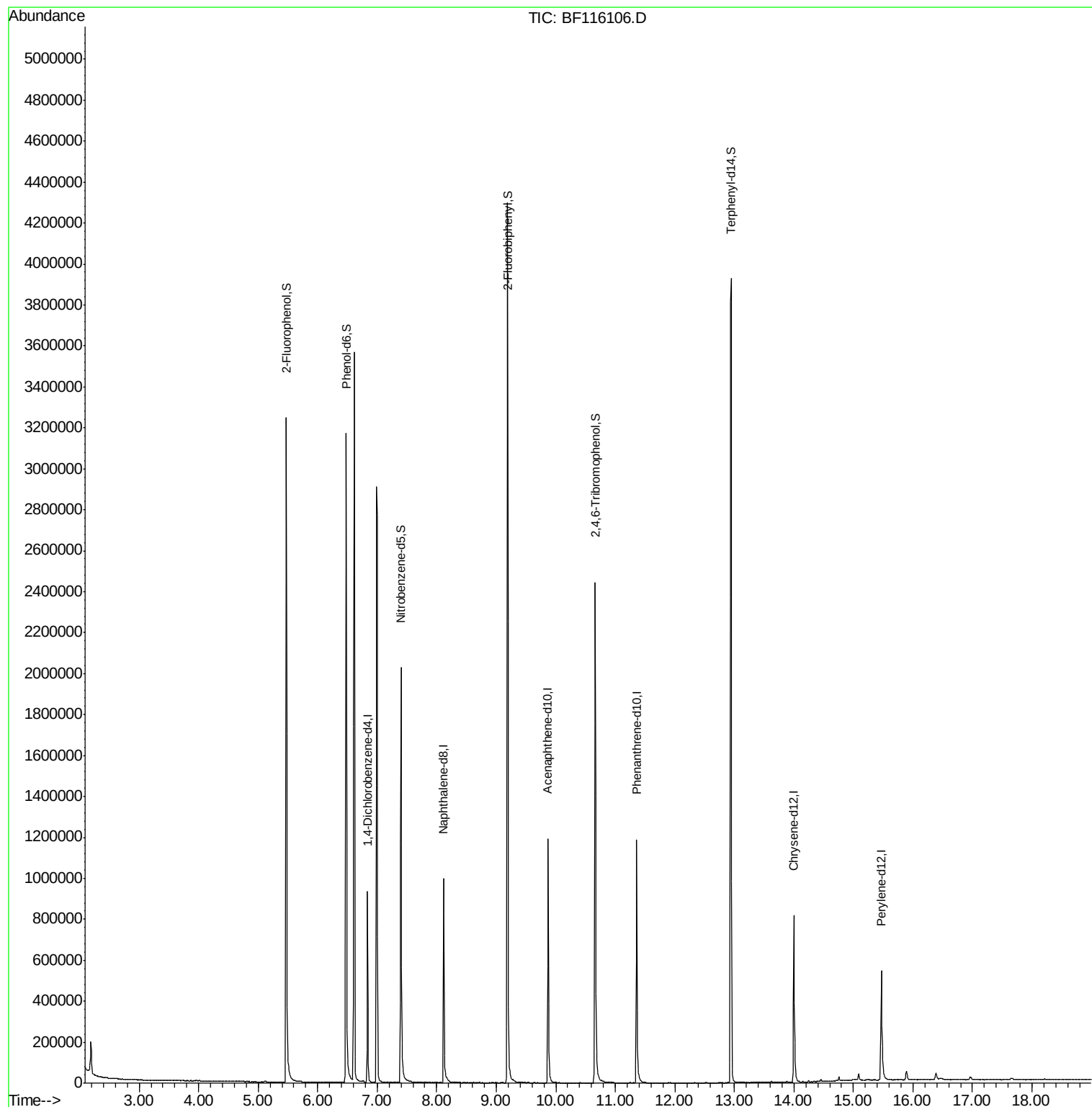
Target Compounds Qvalue

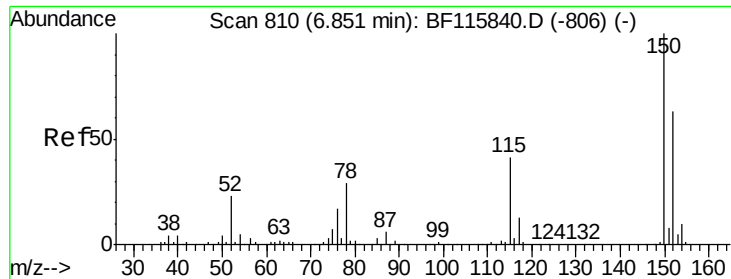
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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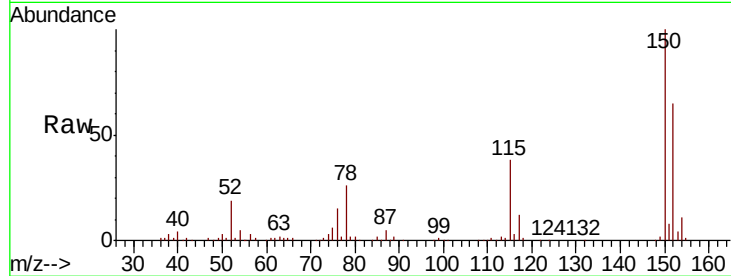


#1

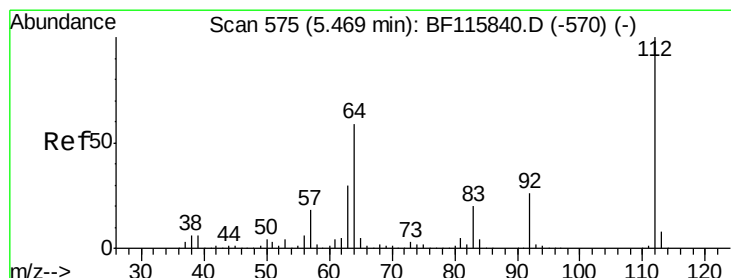
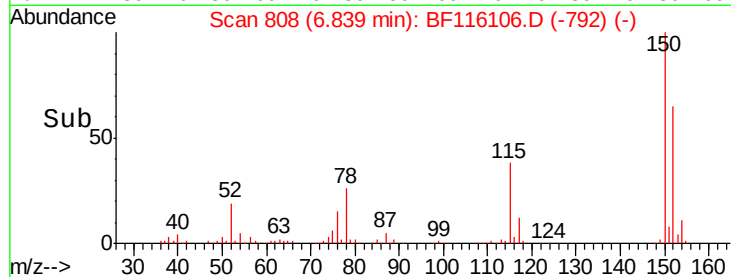
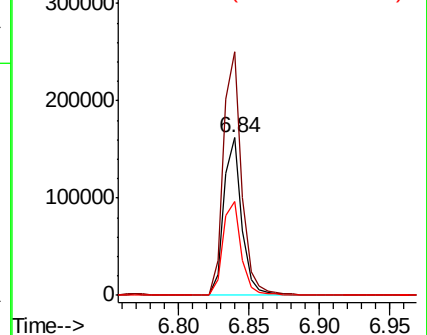
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF116106.D
Acq: 9 Aug 2019 11:57

Instrument :
BNA_F
ClientSampleId :
PB122075BL

Tot Ion:152 Resp: 143815
Ion Ratio Lower Upper
152 100
150 154.4 126.2 189.2
115 59.3 49.9 74.9



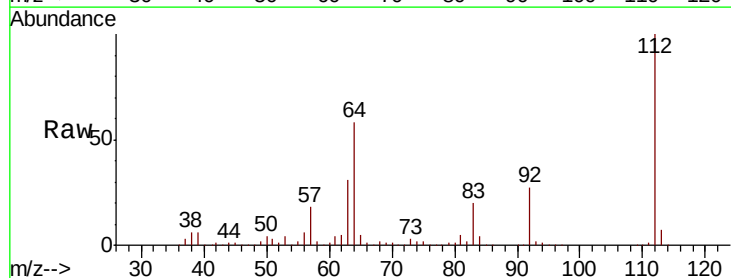
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



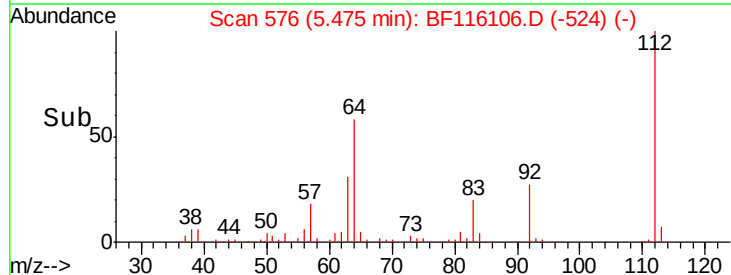
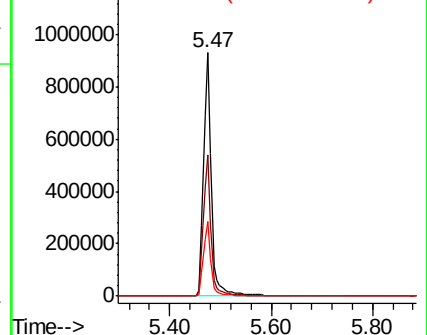
#5

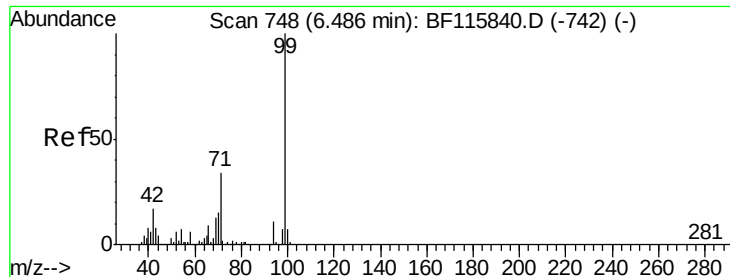
2-Fluorophenol
Concen: 118.625 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF116106.D
Acq: 9 Aug 2019 11:57

Tgt Ion:112 Resp: 1019085
Ion Ratio Lower Upper
112 100
64 58.1 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: 121.359 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF116106.D

Acq: 9 Aug 2019 11:57

Instrument :

BNA_F

ClientSampleId :

PB122075BL

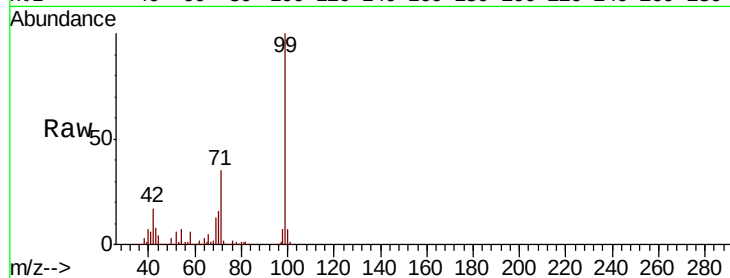
Tot Ion: 99 Resp: 1315379

Ion Ratio Lower Upper

99 100

42 17.0 13.8 20.8

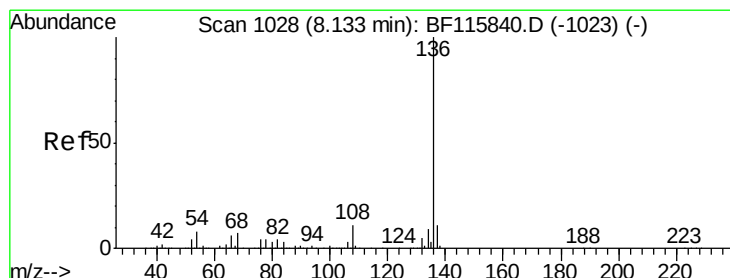
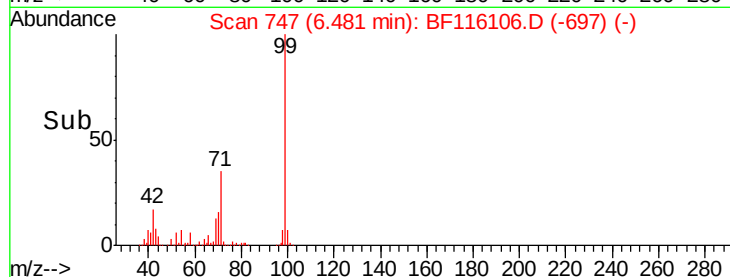
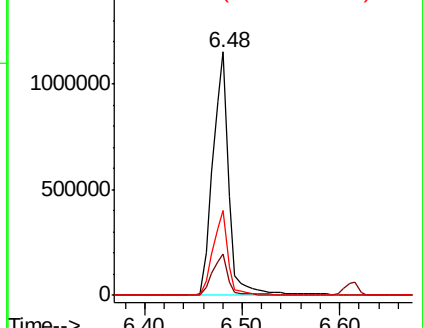
71 34.8 27.3 40.9



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: BF116106.D

Acq: 9 Aug 2019 11:57

Tgt Ion: 136 Resp: 560309

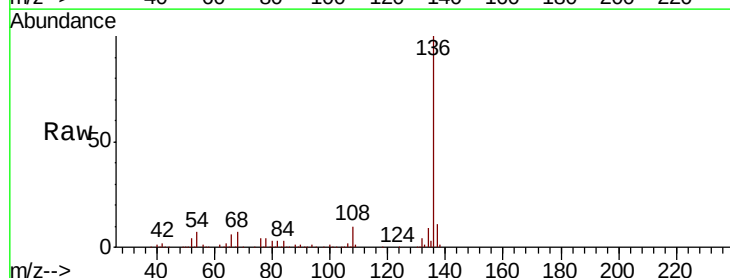
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.4

54 7.2 5.8 8.6

68 6.6 5.2 7.8

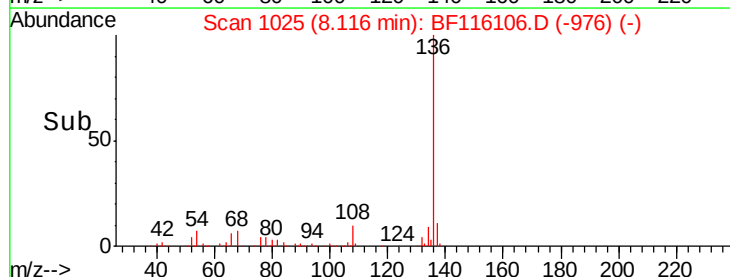
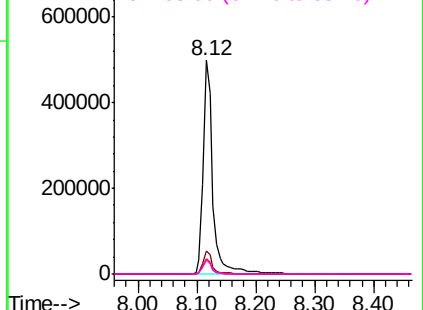


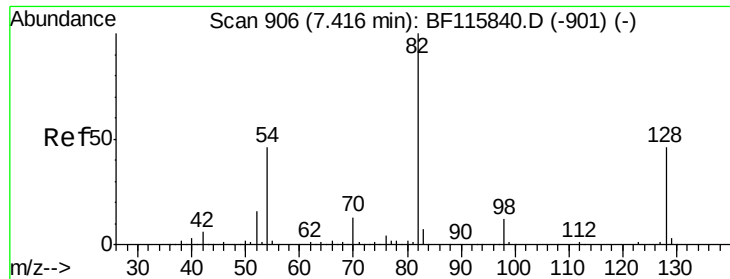
Abundance Ion 136.00 (135.70 to 136.70): E

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

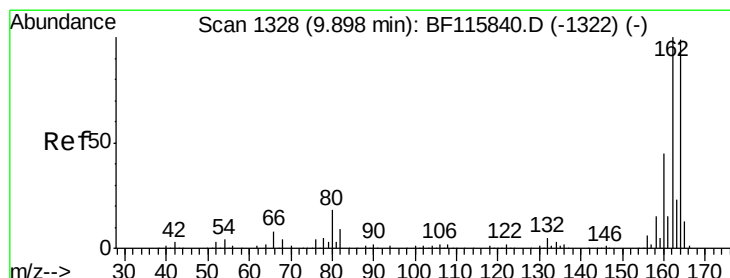
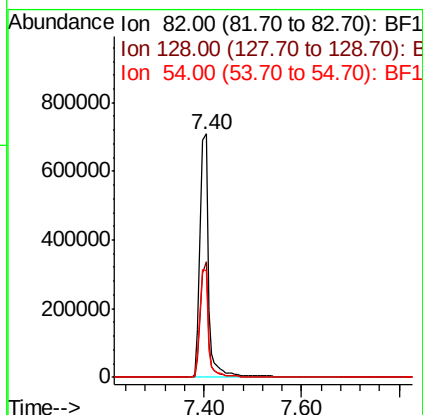
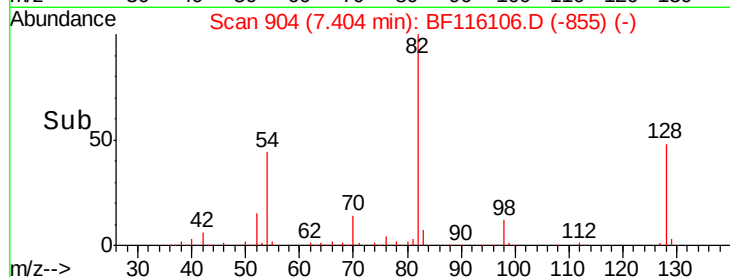
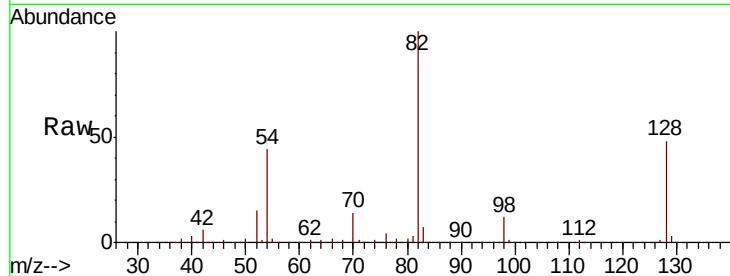




#23
Nitrobenzene-d5
Concen: 90.009 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116106.D
Acq: 9 Aug 2019 11:57

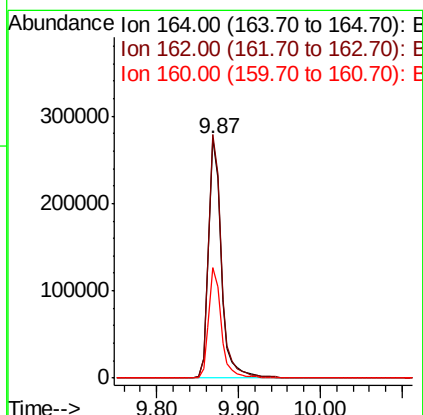
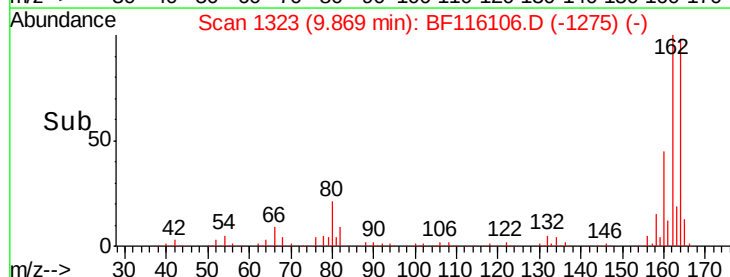
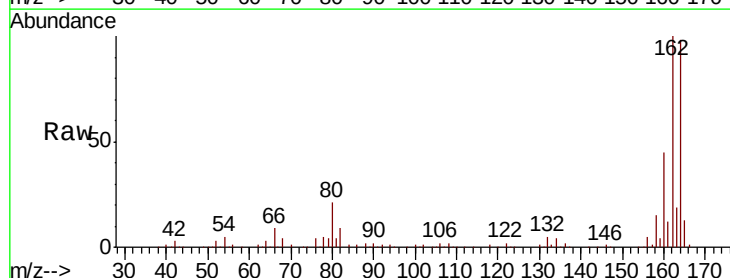
Instrument :
BNA_F
ClientSampleId :
PB122075BL

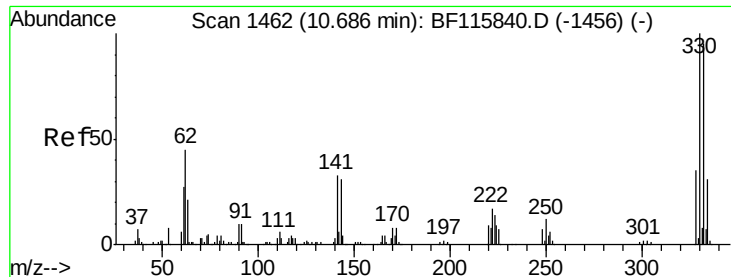
Tot Ion: 82 Resp: 873706
Ion Ratio Lower Upper
82 100
128 47.7 36.5 54.7
54 43.9 36.0 54.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF116106.D
Acq: 9 Aug 2019 11:57

Tgt Ion: 164 Resp: 297080
Ion Ratio Lower Upper
164 100
162 101.7 82.6 124.0
160 45.9 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 124.250 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BF116106.D

Acq: 9 Aug 2019 11:57

Instrument :

BNA_F

ClientSampleId :

PB122075BL

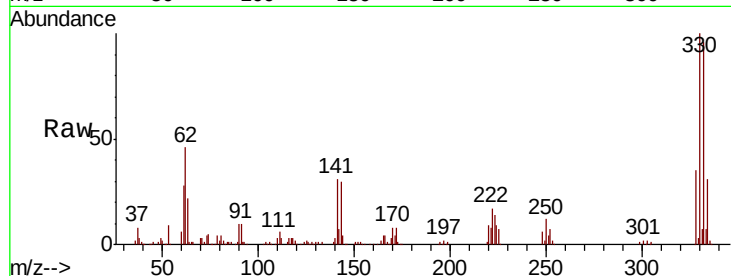
Tot Ion:330 Resp: 357873

Ion Ratio Lower Upper

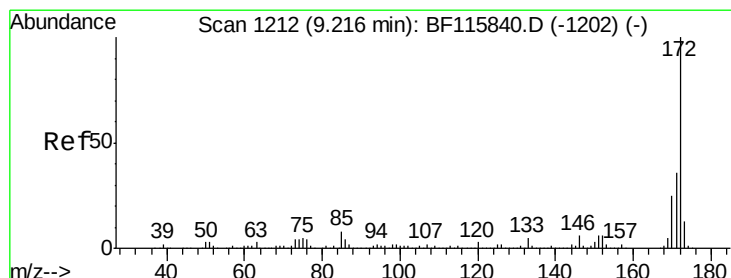
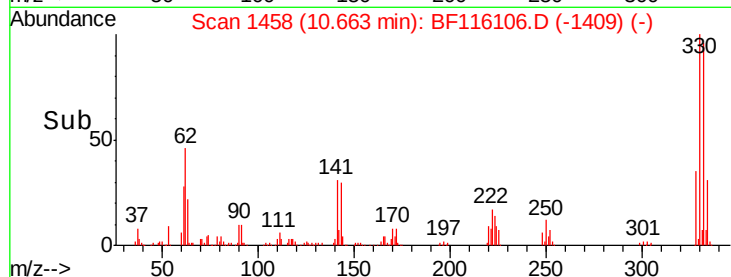
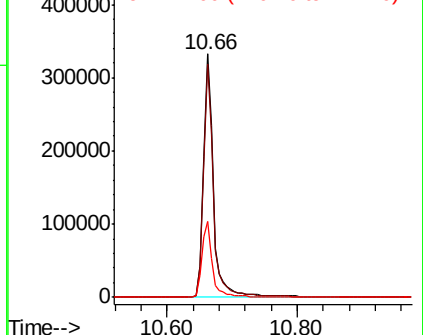
330 100

332 95.3 76.8 115.2

141 32.8 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: 93.422 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF116106.D

Acq: 9 Aug 2019 11:57

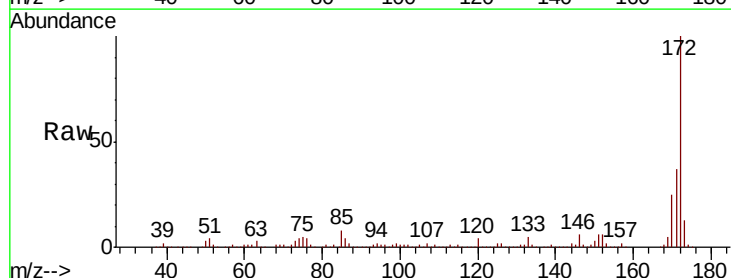
Tgt Ion:172 Resp: 1481732

Ion Ratio Lower Upper

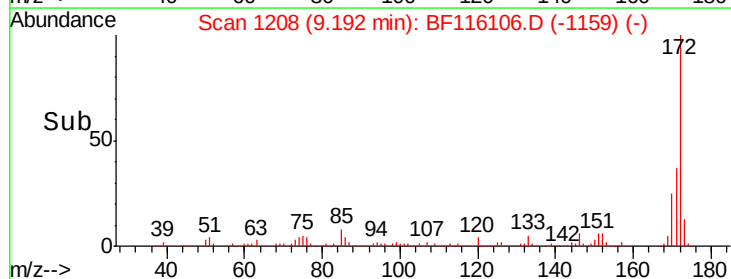
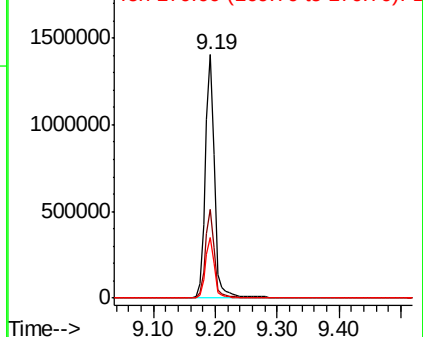
172 100

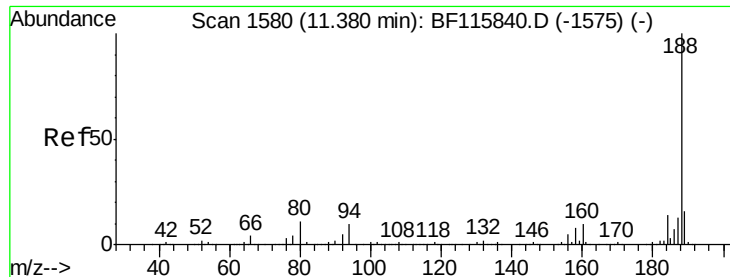
171 36.6 29.6 44.4

170 25.1 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

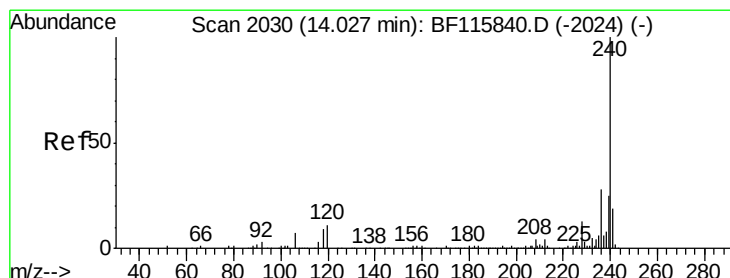
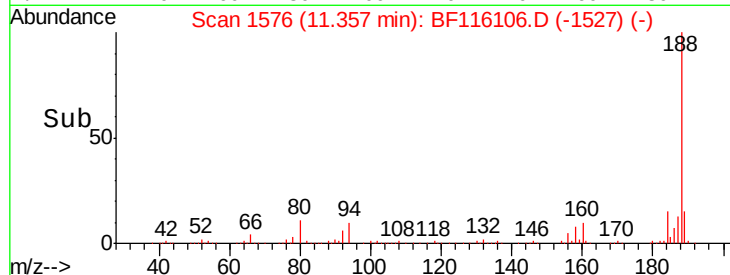
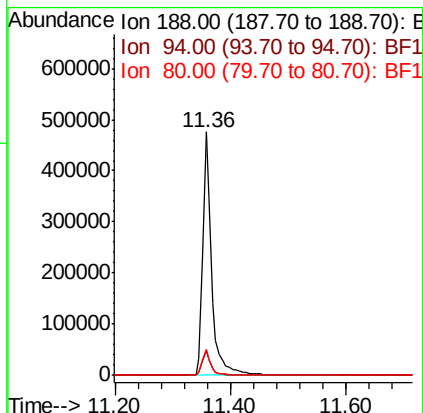
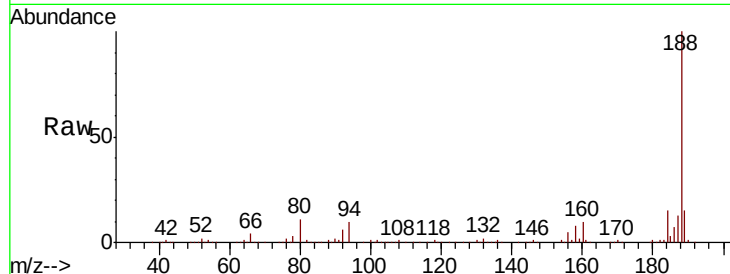




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF116106.D
Acq: 9 Aug 2019 11:57

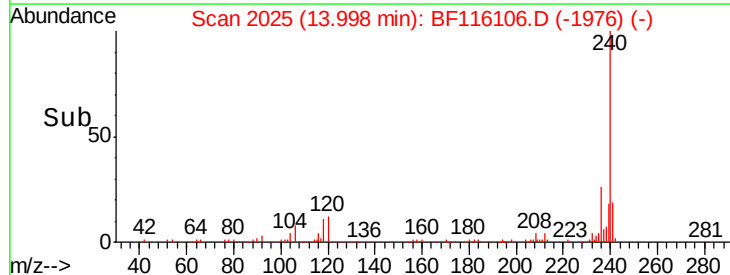
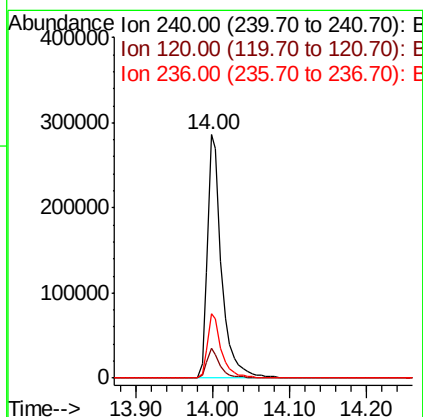
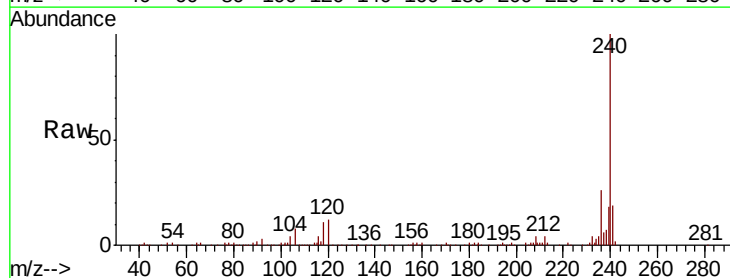
Instrument :
BNA_F
ClientSampleId :
PB122075BL

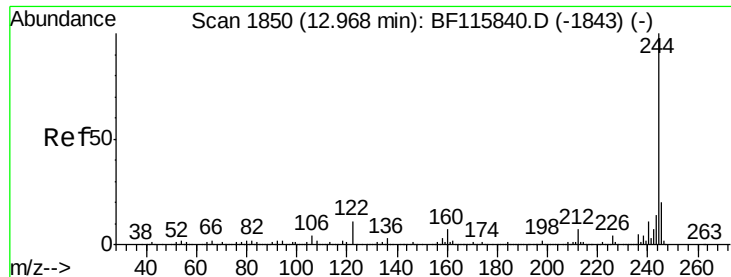
Tot Ion:188 Resp: 520293
Ion Ratio Lower Upper
188 100
94 10.1 8.1 12.1
80 10.9 8.7 13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF116106.D
Acq: 9 Aug 2019 11:57

Tgt Ion:240 Resp: 360869
Ion Ratio Lower Upper
240 100
120 12.1 10.7 16.1
236 26.3 22.2 33.2





#79

Terphenyl-d14

Concen: 93.092 ng

RT: 12.94 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF116106.D

Acq: 9 Aug 2019 11:57

Instrument :

BNA_F

ClientSampleId :

PB122075BL

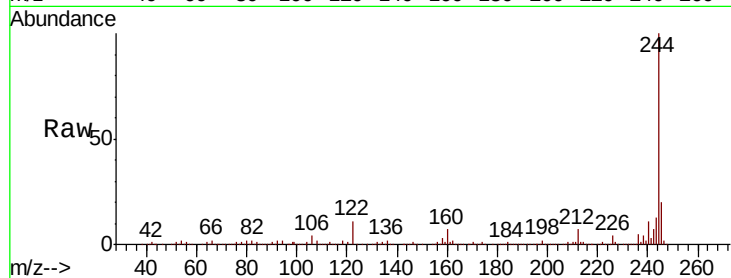
Tot Ion:244 Resp: 1594271

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

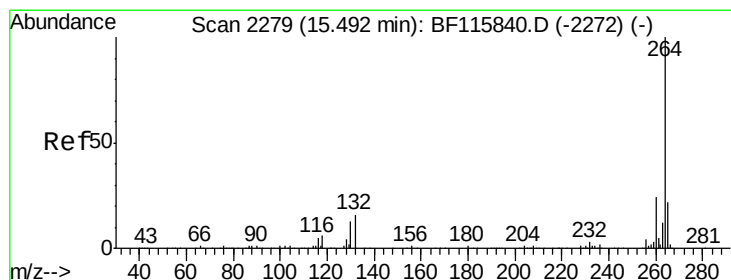
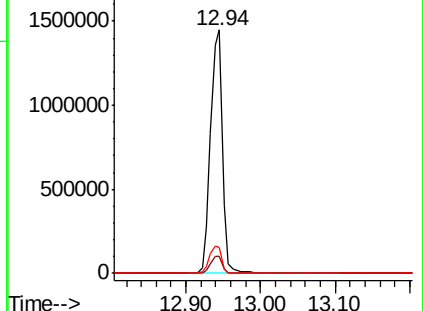
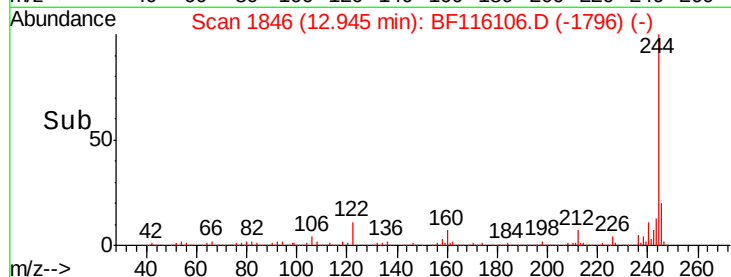
122 10.8 9.0 13.4



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: 15.47 min Scan# 2275

Delta R.T. -0.01 min

Lab File: BF116106.D

Acq: 9 Aug 2019 11:57

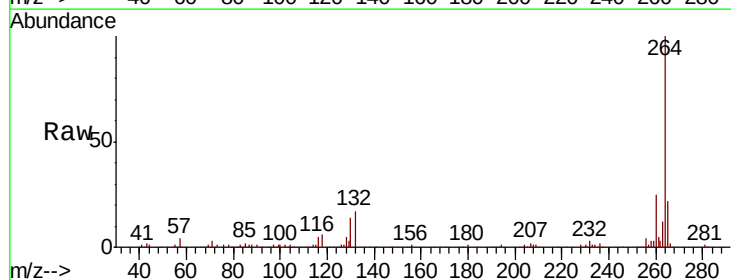
Tgt Ion:264 Resp: 327020

Ion Ratio Lower Upper

264 100

260 25.1 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

