

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081719\
 Data File : BF116357.D
 Acq On : 17 Aug 2019 15:11
 Operator : HP/JU
 Sample : K4391-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 N-WALL-2

Quant Time: Aug 19 06:50:53 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

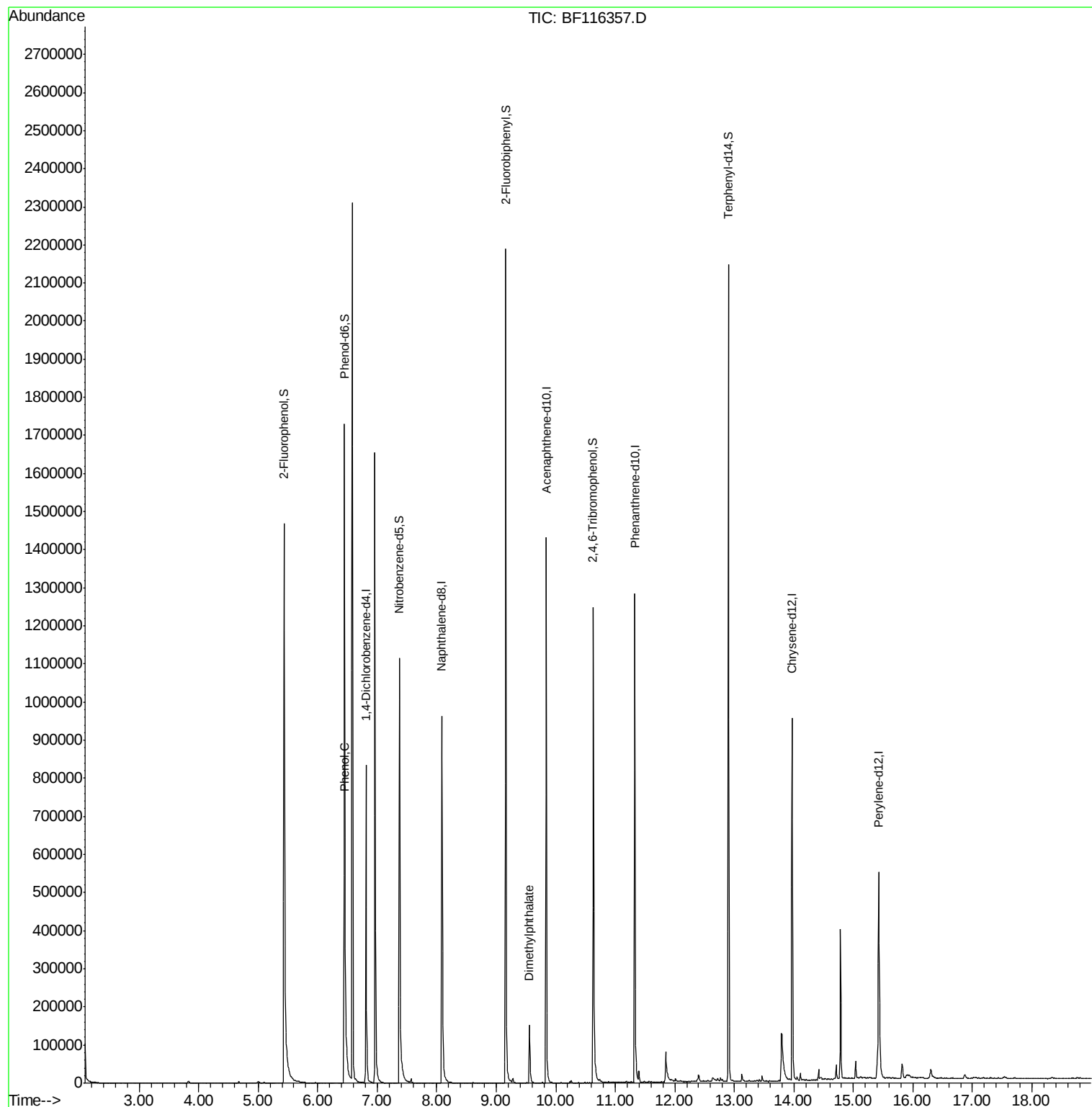
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	132289	20.00	ng	-0.04
21) Naphthalene-d8	8.09	136	529512	20.00	ng	-0.04
39) Acenaphthene-d10	9.84	164	277389	20.00	ng	-0.05
64) Phenanthrene-d10	11.33	188	481915	20.00	ng	-0.04
76) Chrysene-d12	13.97	240	343478	20.00	ng	-0.04
87) Perylene-d12	15.43	264	317365	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	580038	73.40	ng	-0.04
7) Phenol-d6	6.45	99	751724	75.40	ng	-0.04
23) Nitrobenzene-d5	7.37	82	465643	50.76	ng	-0.04
42) 2,4,6-Tribromophenol	10.63	330	179776	66.85	ng	-0.04
45) 2-Fluorobiphenyl	9.16	172	715495	48.31	ng	-0.05
79) Terphenyl-d14	12.90	244	689903	42.32	ng	-0.05
Target Compounds						
10) Phenol	6.46	94	36859	3.139	ng	93
50) Dimethylphthalate	9.56	163	76111	4.030	ng	100

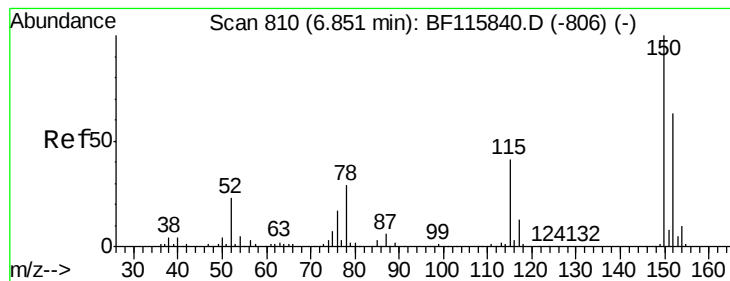
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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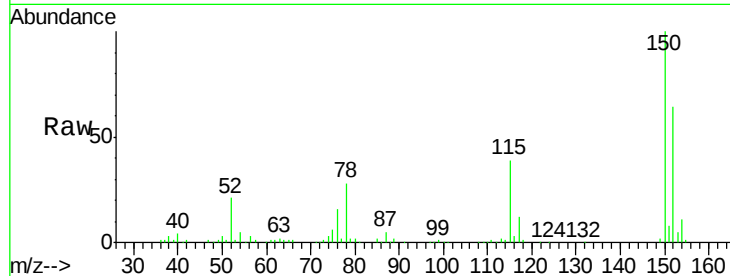


#1

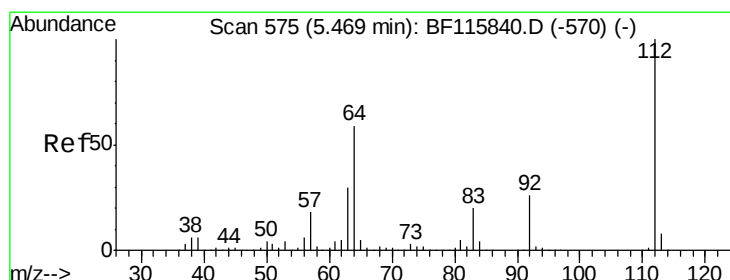
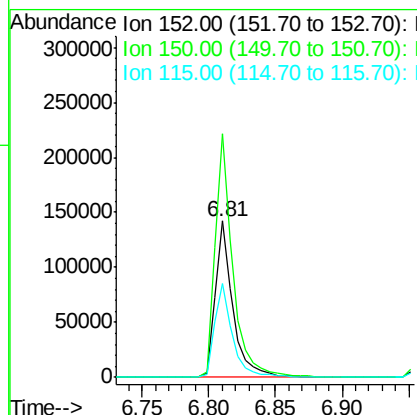
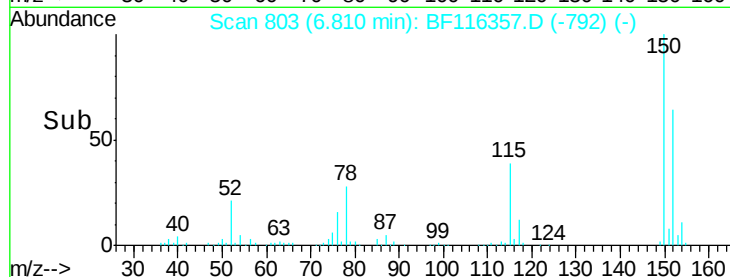
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.04 min
 Lab File: BF116357.D
 Acq: 17 Aug 2019 15:11

Instrument :
 BNA_F
 ClientSampleId :
 N-WALL-2

Tot Ion:152 Resp: 132289
 Ion Ratio Lower Upper
 152 100
 150 155.9 126.2 189.2
 115 60.5 49.9 74.9



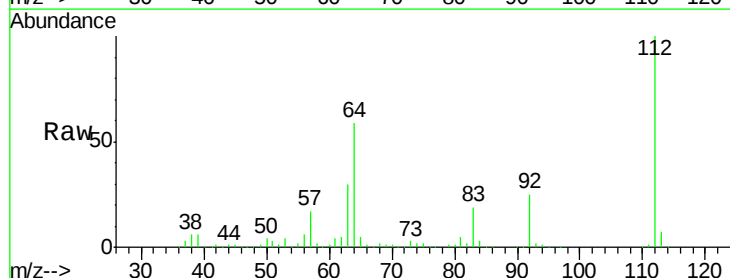
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



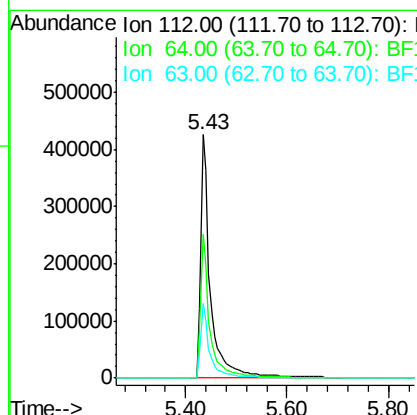
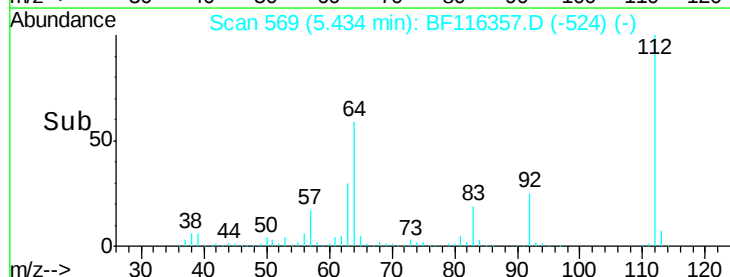
#5

2-Fluorophenol
 Concen: 73.401 ng
 RT: 5.43 min Scan# 569
 Delta R.T. -0.04 min
 Lab File: BF116357.D
 Acq: 17 Aug 2019 15:11

Tgt Ion:112 Resp: 580038
 Ion Ratio Lower Upper
 112 100
 64 59.0 45.4 68.2
 63 30.5 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: 75.398 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.04 min

Lab File: BF116357.D

Acq: 17 Aug 2019 15:11

Instrument :

BNA_F

ClientSampleId :

N-WALL-2

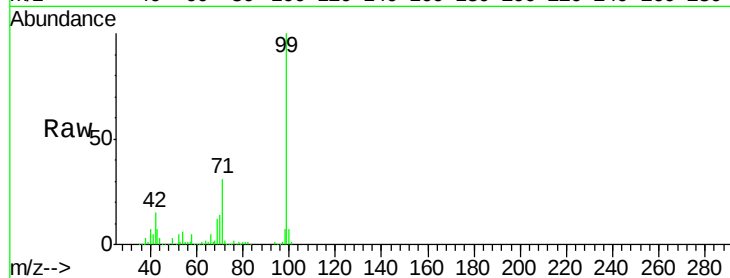
Tot Ion: 99 Resp: 751724

Ion Ratio Lower Upper

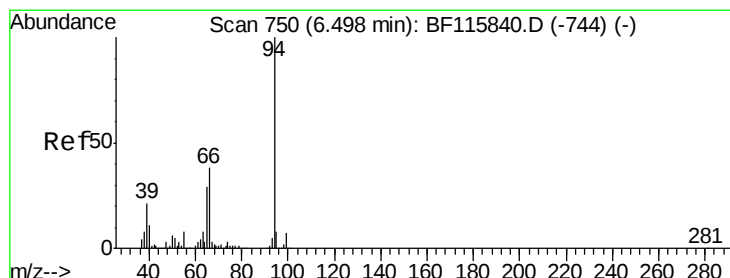
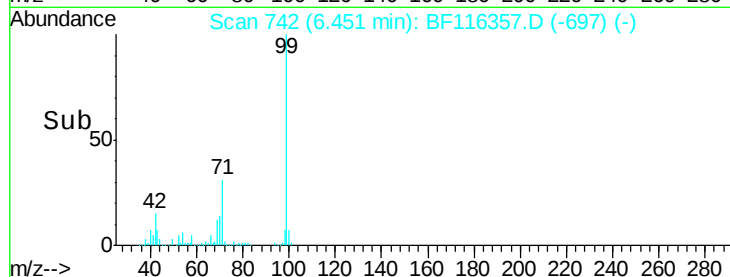
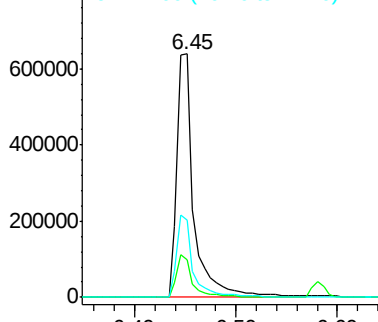
99 100

42 15.4 13.8 20.8

71 31.5 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: 3.139 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.04 min

Lab File: BF116357.D

Acq: 17 Aug 2019 15:11

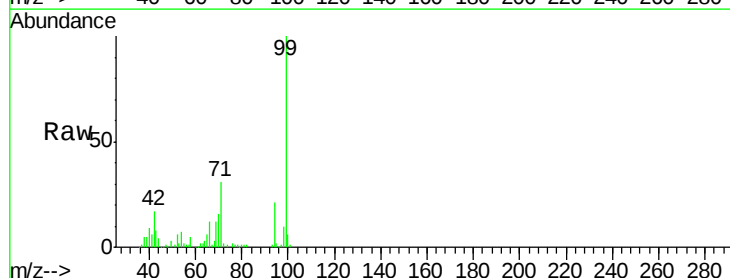
Tgt Ion: 94 Resp: 36859

Ion Ratio Lower Upper

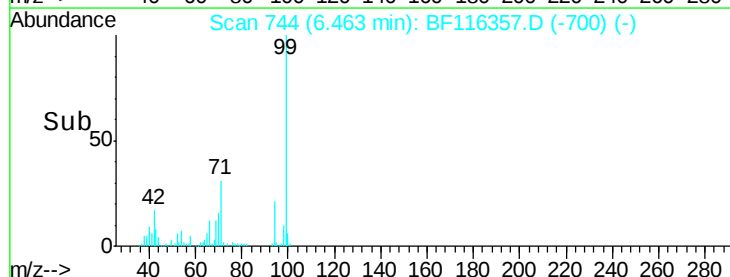
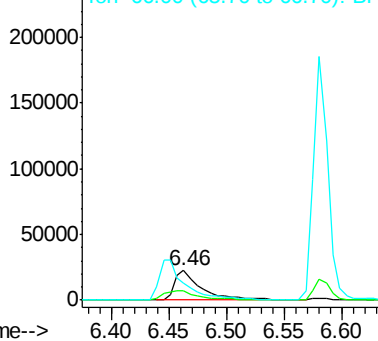
94 100

65 30.8 16.8 56.8

66 58.0 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: 8.09 min Scan# 1020

Delta R.T. -0.04 min

Lab File: BF116357.D

Acq: 17 Aug 2019 15:11

Instrument :

BNA_F

ClientSampleId :

N-WALL-2

Tot Ion:136 Resp: 529512

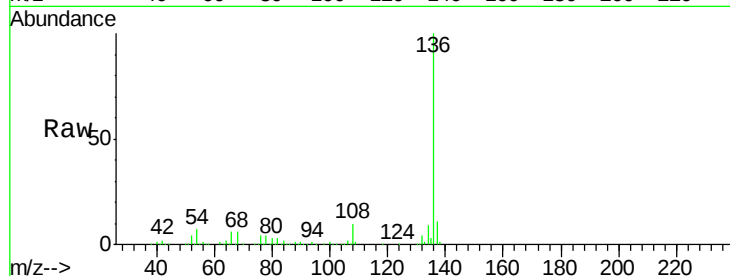
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 7.3 5.8 8.6

68 6.5 5.2 7.8

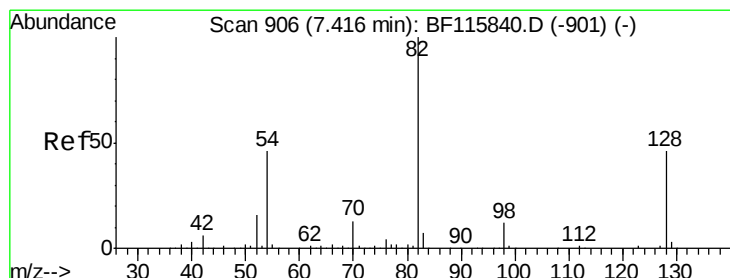
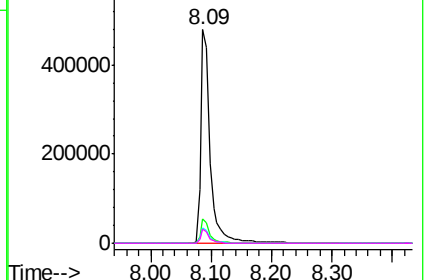
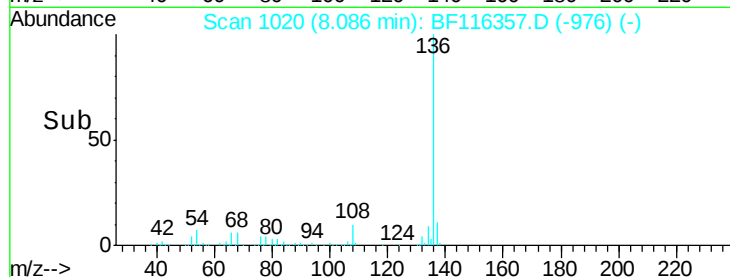


Abundance Ion 136.00 (135.70 to 136.70): E

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: 50.761 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.04 min

Lab File: BF116357.D

Acq: 17 Aug 2019 15:11

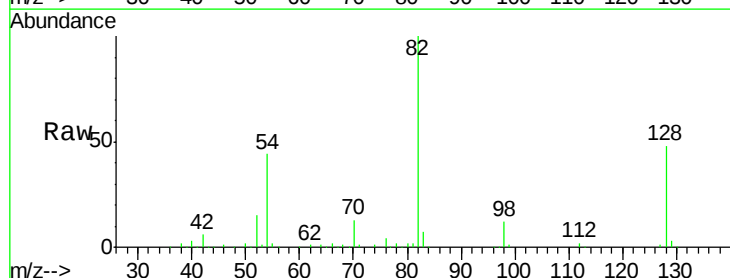
Tgt Ion: 82 Resp: 465643

Ion Ratio Lower Upper

82 100

128 47.7 36.5 54.7

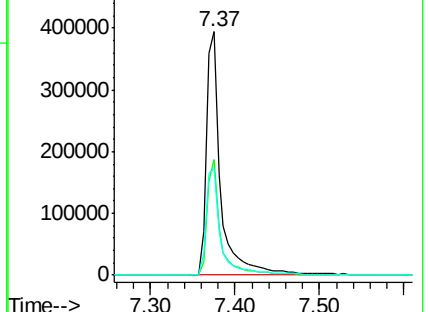
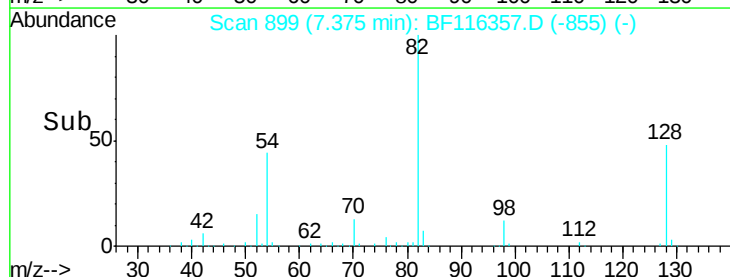
54 43.8 36.0 54.0

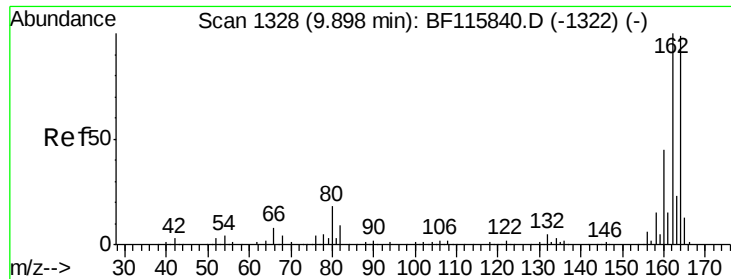


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: 9.84 min Scan# 1318

Delta R.T. -0.05 min

Lab File: BF116357.D

Acq: 17 Aug 2019 15:11

Instrument :

BNA_F

ClientSampleId :

N-WALL-2

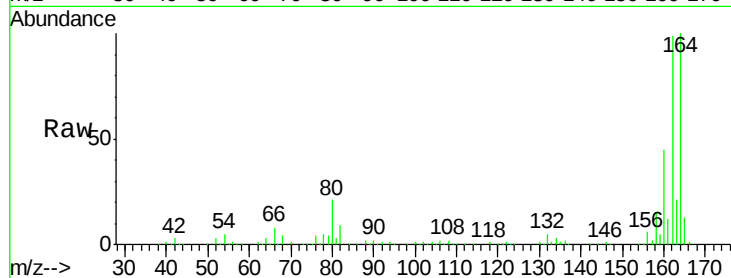
Tot Ion:164 Resp: 277389

Ion Ratio Lower Upper

164 100

162 99.5 82.6 124.0

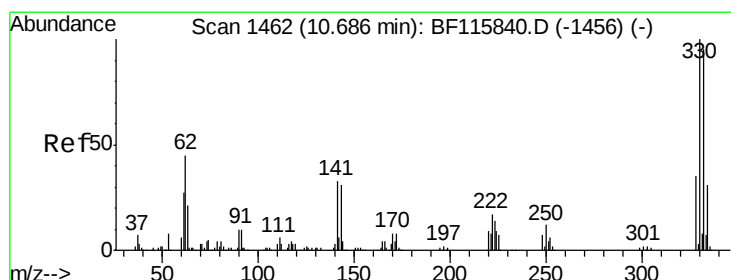
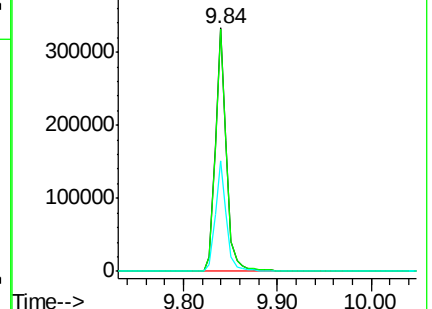
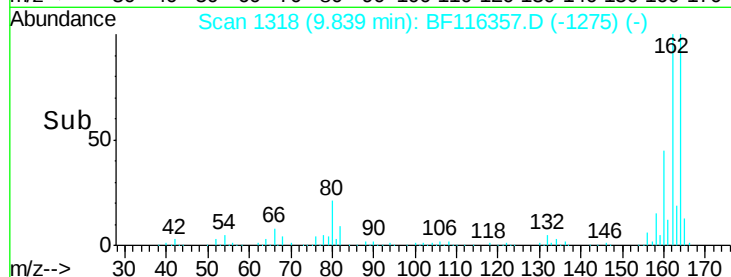
160 45.3 37.6 56.4



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: 66.847 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.04 min

Lab File: BF116357.D

Acq: 17 Aug 2019 15:11

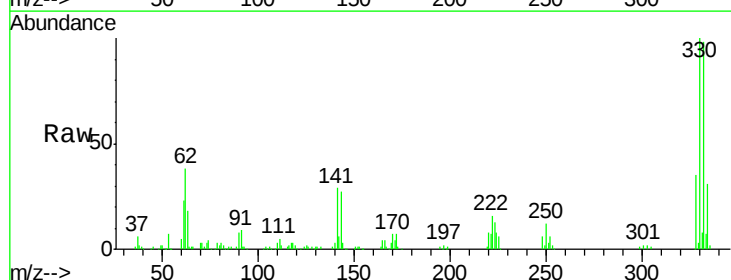
Tgt Ion:330 Resp: 179776

Ion Ratio Lower Upper

330 100

332 97.1 76.8 115.2

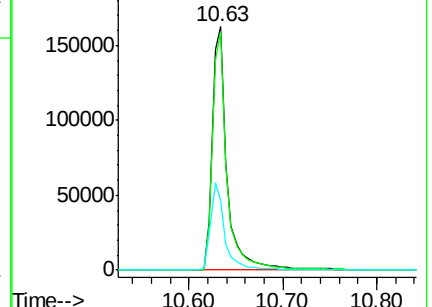
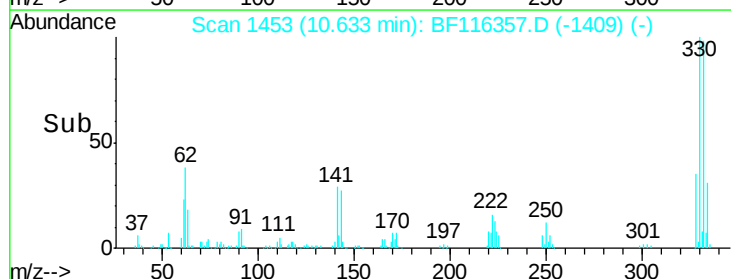
141 35.3 26.3 39.5



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

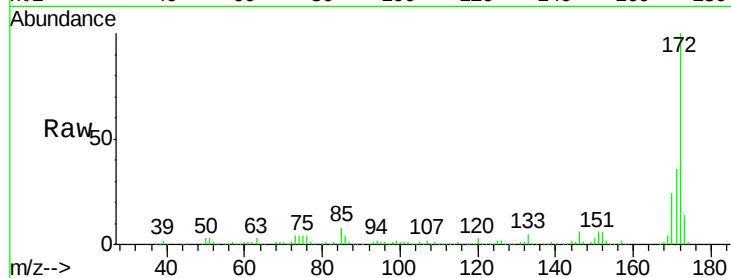




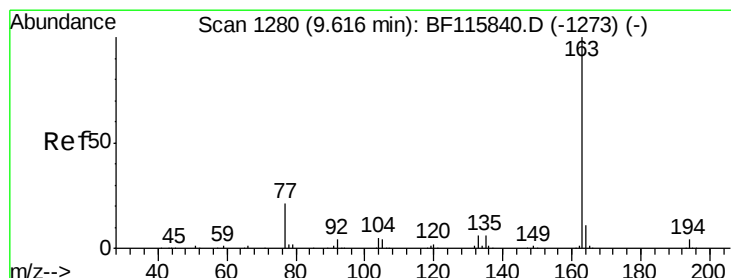
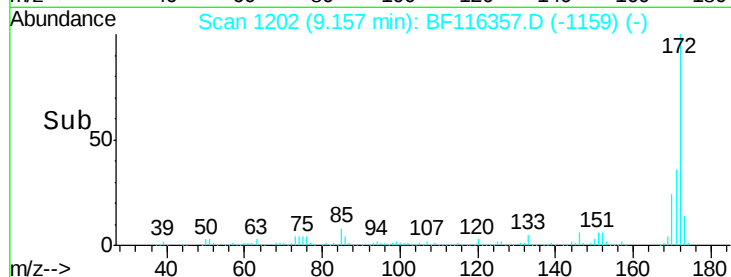
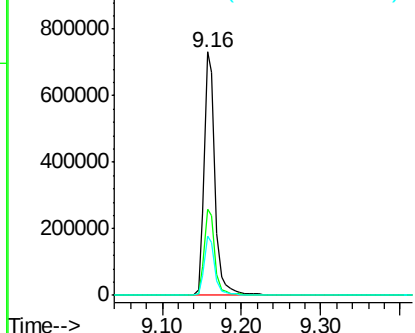
#45
2-Fluorobiphenyl
Concen: 48.314 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.05 min
Lab File: BF116357.D
Acq: 17 Aug 2019 15:11

Instrument :
BNA_F
ClientSampleId :
N-WALL-2

Tot Ion:172 Resp: 715495
Ion Ratio Lower Upper
172 100
171 35.6 29.6 44.4
170 24.5 20.1 30.1

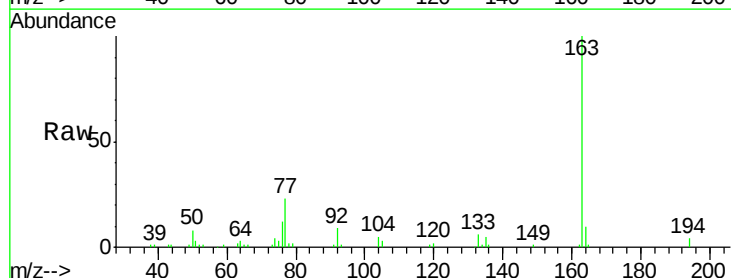


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

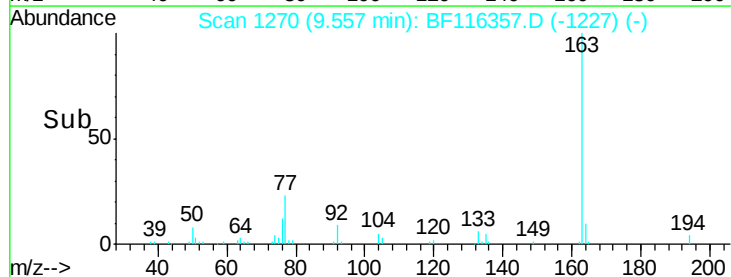
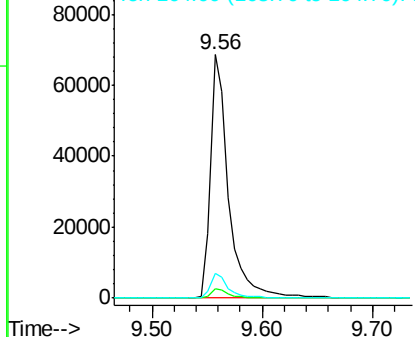


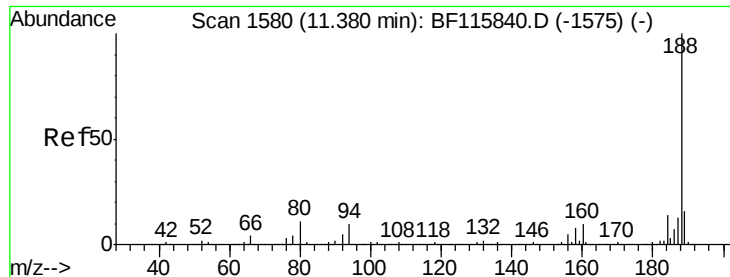
#50
Dimethylphthalate
Concen: 4.030 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.05 min
Lab File: BF116357.D
Acq: 17 Aug 2019 15:11

Tgt Ion:163 Resp: 76111
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.4 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

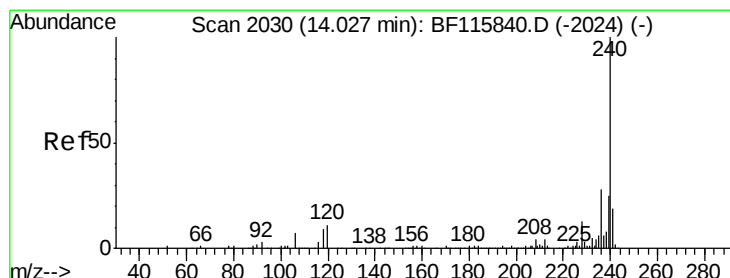
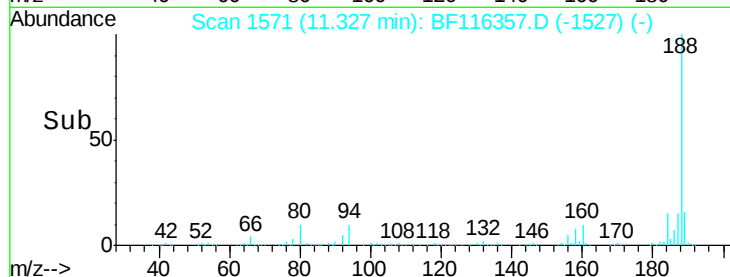
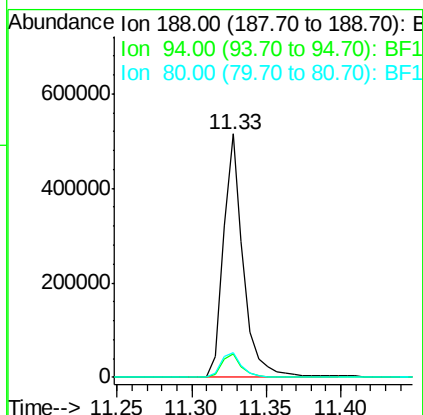
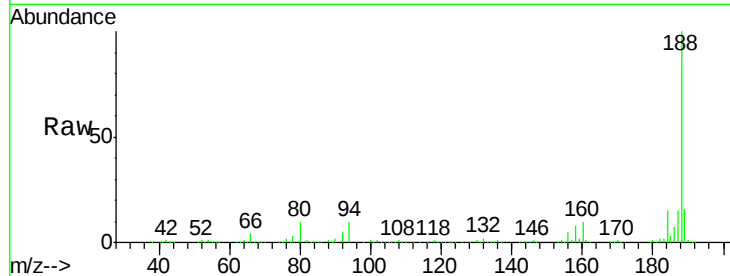




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.04 min
Lab File: BF116357.D
Acq: 17 Aug 2019 15:11

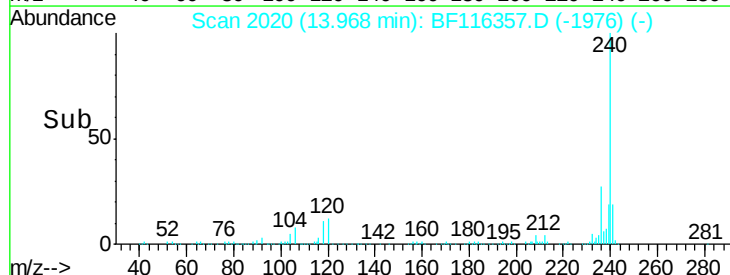
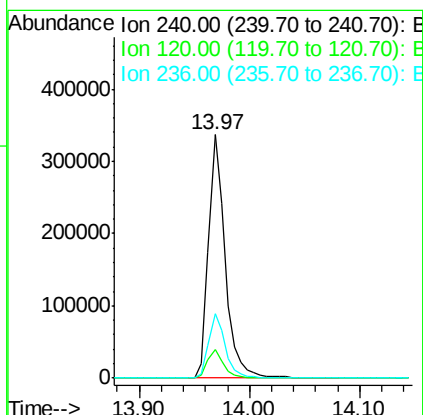
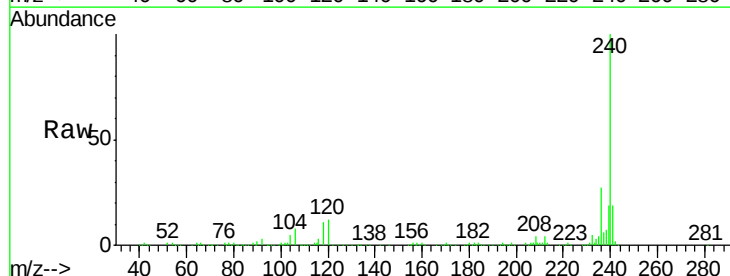
Instrument :
BNA_F
ClientSampleId :
N-WALL-2

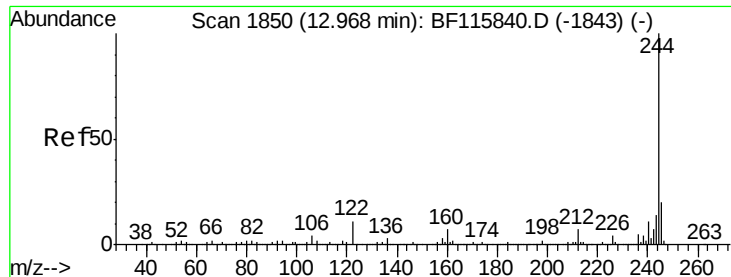
Tot Ion:188 Resp: 481915
Ion Ratio Lower Upper
188 100
94 9.6 8.1 12.1
80 10.3 8.7 13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.04 min
Lab File: BF116357.D
Acq: 17 Aug 2019 15:11

Tgt Ion:240 Resp: 343478
Ion Ratio Lower Upper
240 100
120 11.9 10.7 16.1
236 26.6 22.2 33.2





#79

Terphenyl-d14

Concen: 42.324 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.05 min

Lab File: BF116357.D

Acq: 17 Aug 2019 15:11

Instrument :

BNA_F

ClientSampled :

N-WALL-2

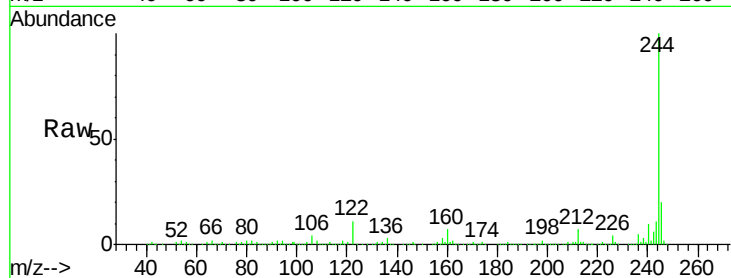
Tot Ion:244 Resp: 689903

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.8

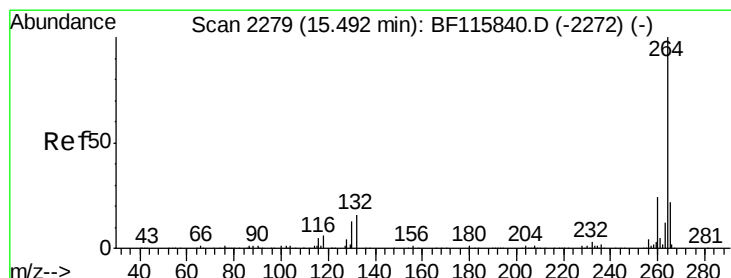
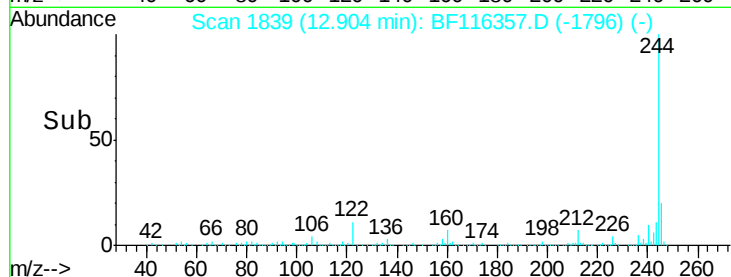
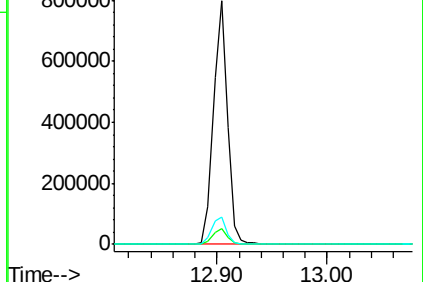
122 11.3 9.0 13.4



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: 15.43 min Scan# 2268

Delta R.T. -0.05 min

Lab File: BF116357.D

Acq: 17 Aug 2019 15:11

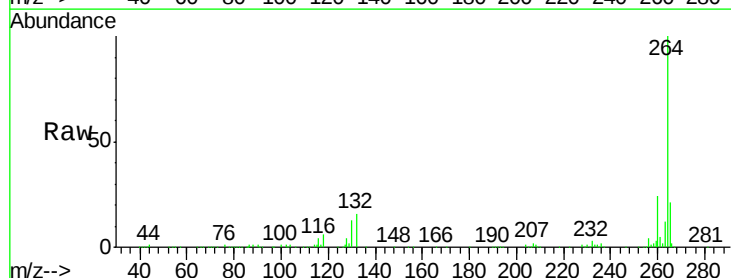
Tgt Ion:264 Resp: 317365

Ion Ratio Lower Upper

264 100

260 24.4 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

