

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081719\
 Data File : BF116359.D
 Acq On : 17 Aug 2019 16:05
 Operator : HP/JU
 Sample : K4391-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-WALL

Quant Time: Aug 19 06:52:42 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

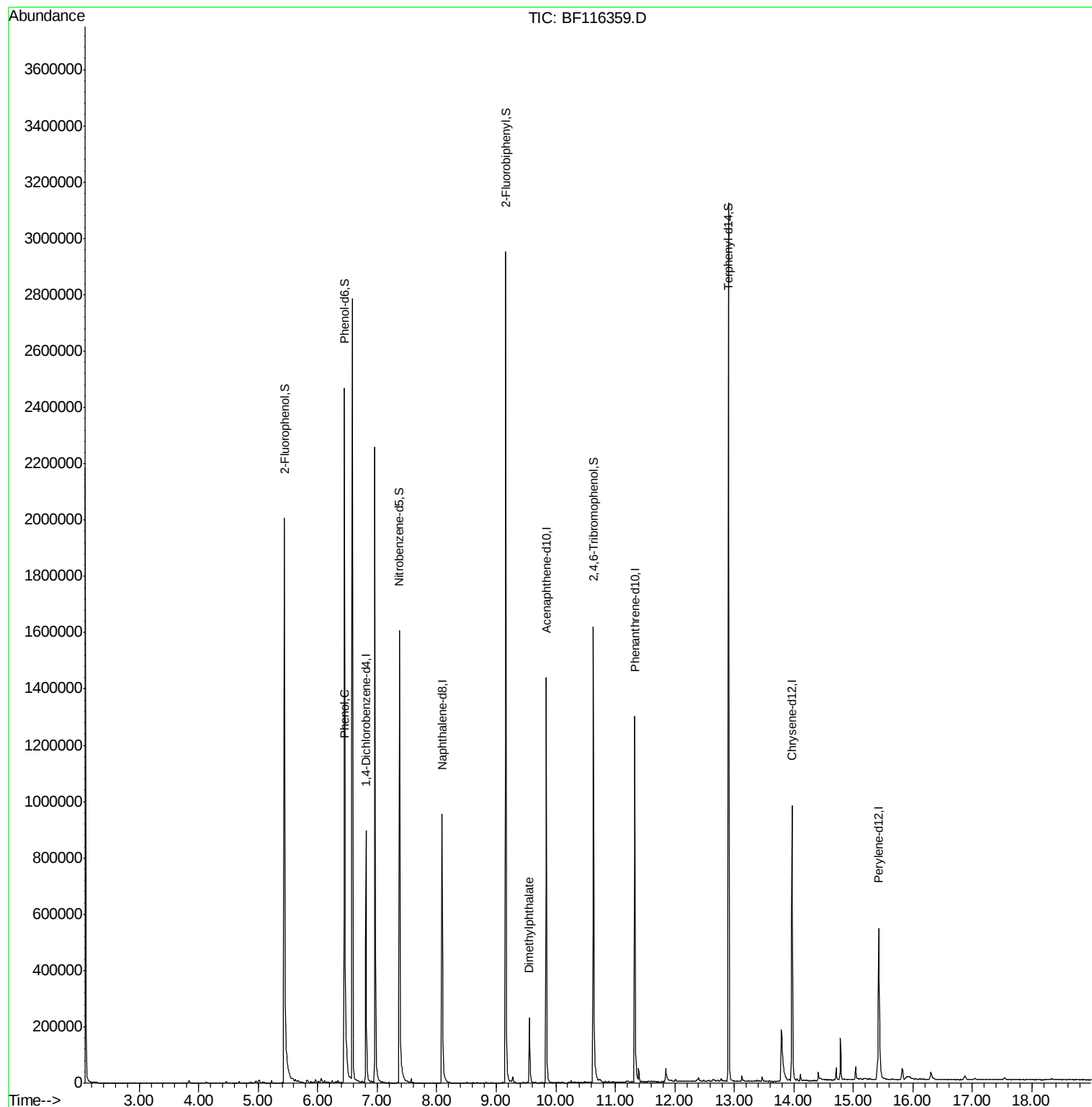
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	137225	20.00	ng	-0.04
21) Naphthalene-d8	8.09	136	536335	20.00	ng	-0.04
39) Acenaphthene-d10	9.84	164	282215	20.00	ng	-0.05
64) Phenanthrene-d10	11.33	188	489074	20.00	ng	-0.04
76) Chrysene-d12	13.97	240	341411	20.00	ng	-0.04
87) Perylene-d12	15.43	264	311564	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	737410	89.96	ng	-0.03
7) Phenol-d6	6.45	99	941314	91.02	ng	-0.04
23) Nitrobenzene-d5	7.37	82	595634	64.11	ng	-0.04
42) 2,4,6-Tribromophenol	10.63	330	237424	86.77	ng	-0.04
45) 2-Fluorobiphenyl	9.16	172	1002241	66.52	ng	-0.05
79) Terphenyl-d14	12.90	244	1029001	63.51	ng	-0.05
Target Compounds						
10) Phenol	6.46	94	46982	3.858	ng	92
50) Dimethylphthalate	9.56	163	103772	5.400	ng	99

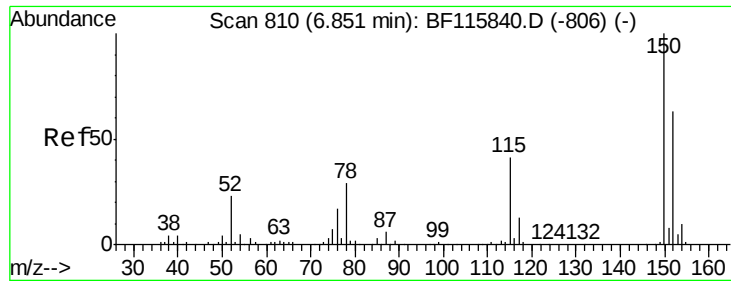
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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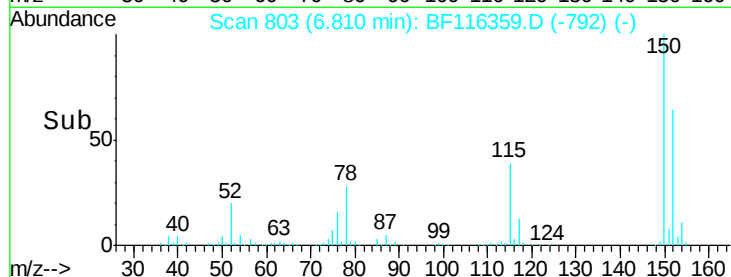
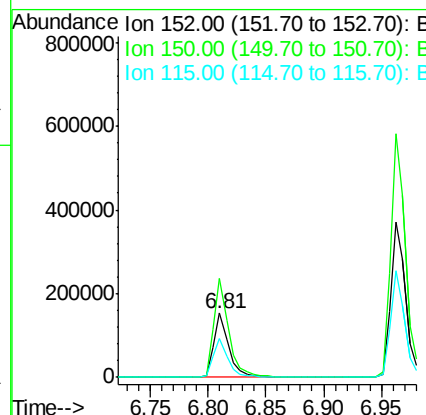
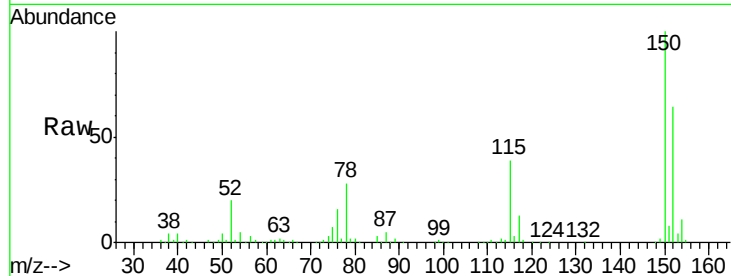


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.04 min
Lab File: BF116359.D
Acq: 17 Aug 2019 16:05

Instrument :
BNA_F
ClientSampleId :
W-WALL

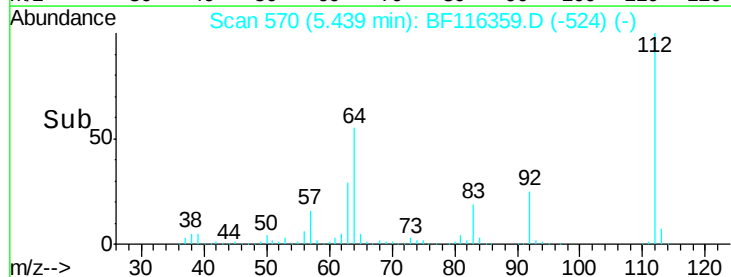
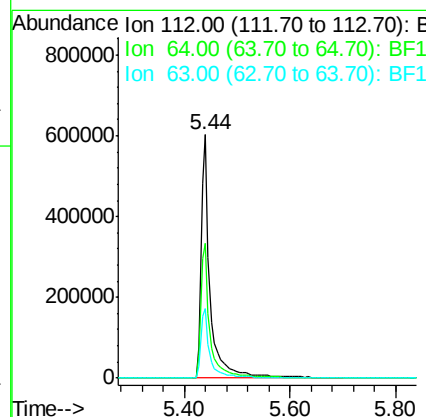
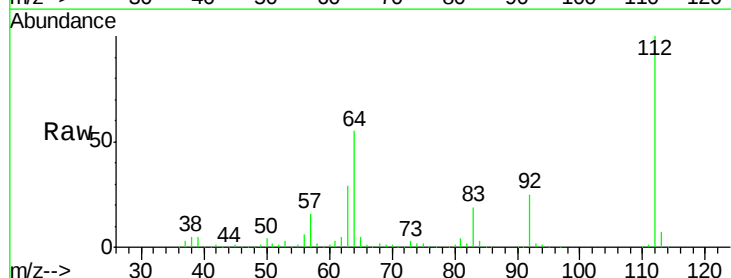
Tot Ion:152 Resp: 137225
Ion Ratio Lower Upper
152 100
150 155.1 126.2 189.2
115 60.1 49.9 74.9

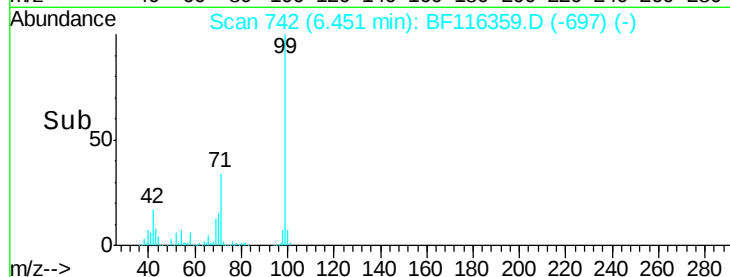
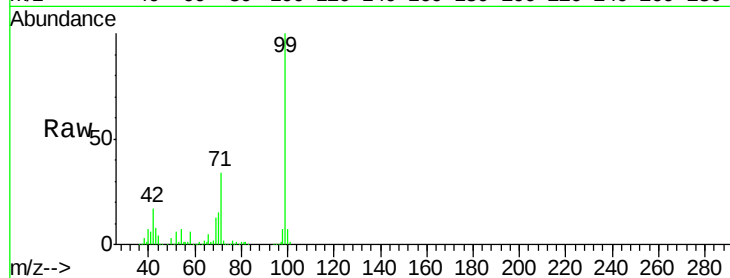


#5

2-Fluorophenol
Concen: 89.960 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.03 min
Lab File: BF116359.D
Acq: 17 Aug 2019 16:05

Tgt Ion:112 Resp: 737410
Ion Ratio Lower Upper
112 100
64 55.4 45.4 68.2
63 28.5 23.7 35.5





#7

Phenol-d6

Concen: 91.017 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.04 min

Lab File: BF116359.D

Acq: 17 Aug 2019 16:05

Instrument :

BNA_F

ClientSampleId :

W-WALL

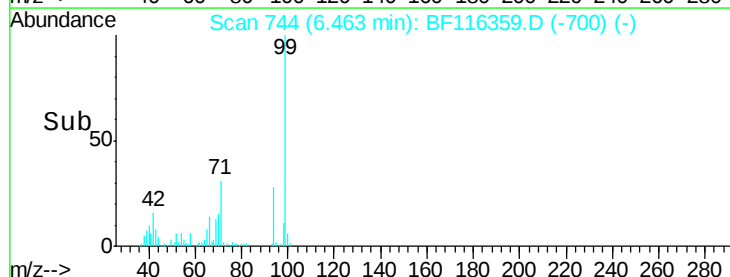
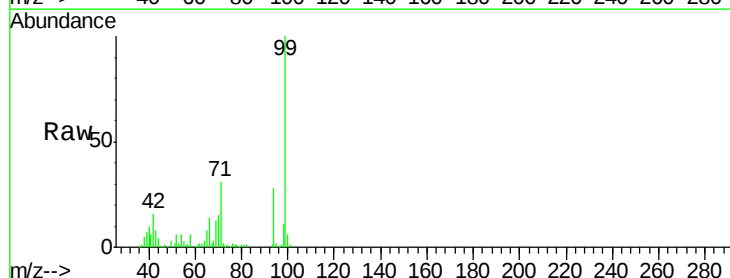
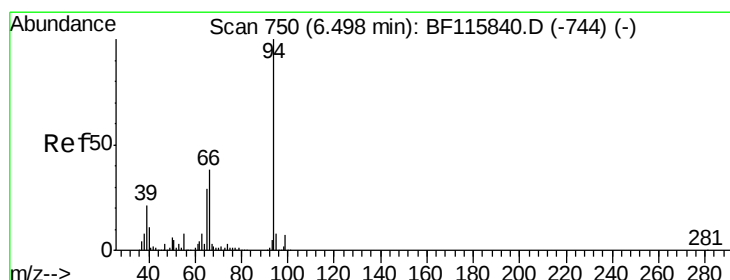
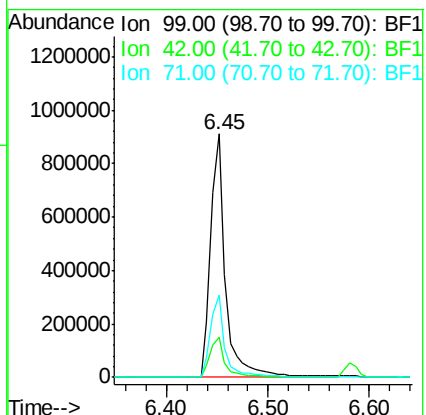
Tot Ion: 99 Resp: 941314

Ion Ratio Lower Upper

99 100

42 16.6 13.8 20.8

71 33.6 27.3 40.9



#10

Phenol

Concen: 3.858 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.04 min

Lab File: BF116359.D

Acq: 17 Aug 2019 16:05

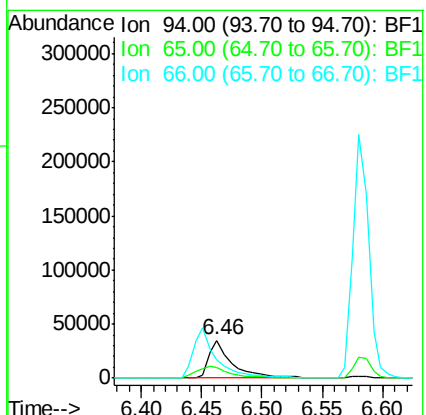
Tgt Ion: 94 Resp: 46982

Ion Ratio Lower Upper

94 100

65 29.9 16.8 56.8

66 50.2 34.2 74.2

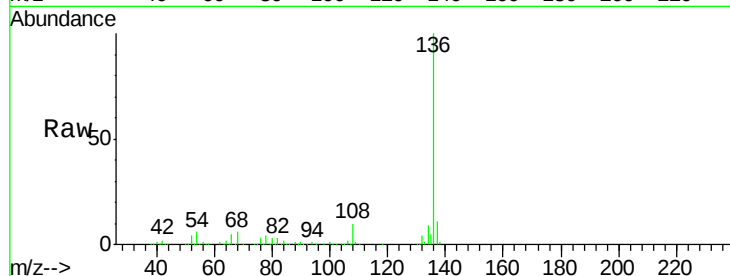




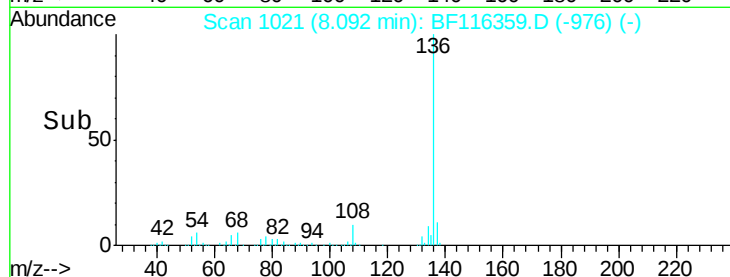
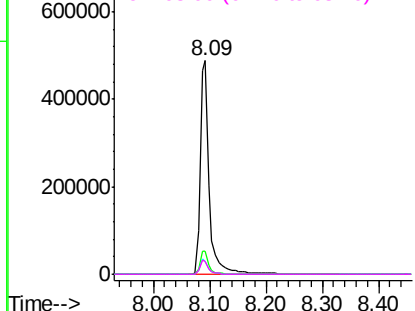
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.04 min
Lab File: BF116359.D
Acq: 17 Aug 2019 16:05

Instrument :
BNA_F
ClientSampleId :
W-WALL

Tot Ion:136	Resp:	536335
Ion Ratio	Lower	Upper
136 100		
137 10.8	9.0	13.4
54 6.2	5.8	8.6
68 5.9	5.2	7.8

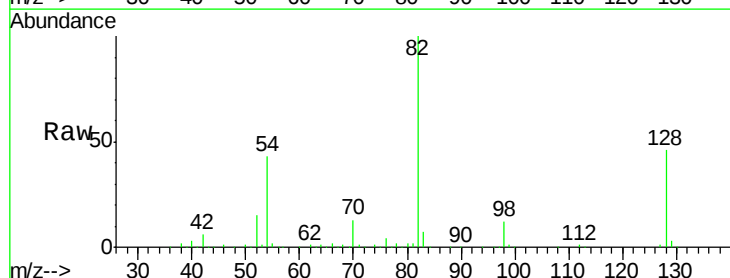


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

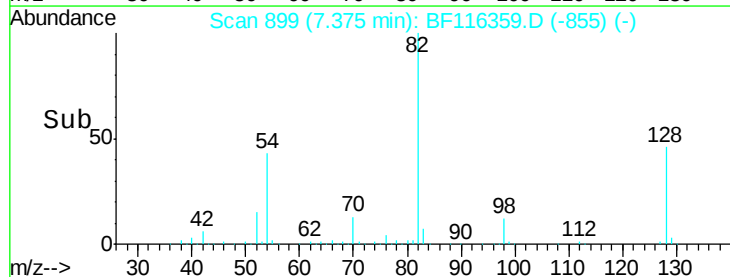
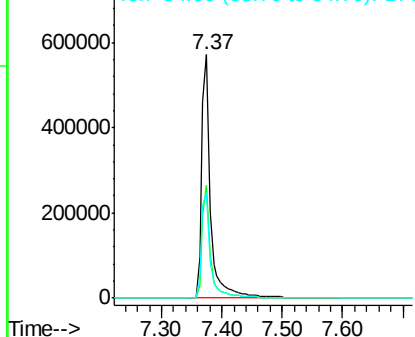


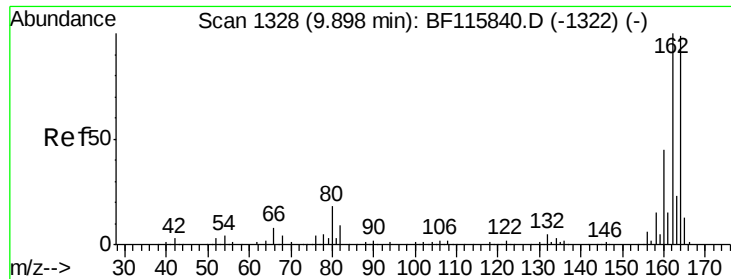
#23
Nitrobenzene-d5
Concen: 64.105 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.04 min
Lab File: BF116359.D
Acq: 17 Aug 2019 16:05

Tgt Ion: 82	Resp: 595634
Ion Ratio	Lower Upper
82 100	
128 46.3	36.5 54.7
54 43.4	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: 9.84 min Scan# 1318

Delta R.T. -0.05 min

Lab File: BF116359.D

Acq: 17 Aug 2019 16:05

Instrument :

BNA_F

ClientSampleId :

W-WALL

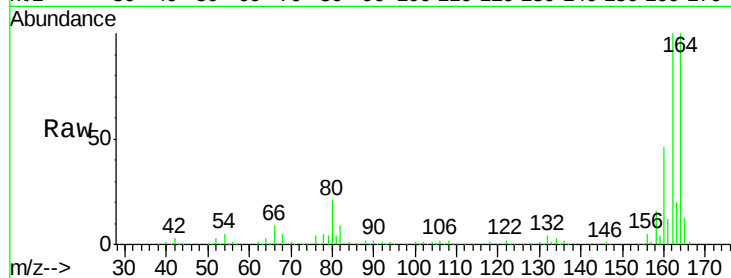
Tot Ion:164 Resp: 282215

Ion Ratio Lower Upper

164 100

162 100.5 82.6 124.0

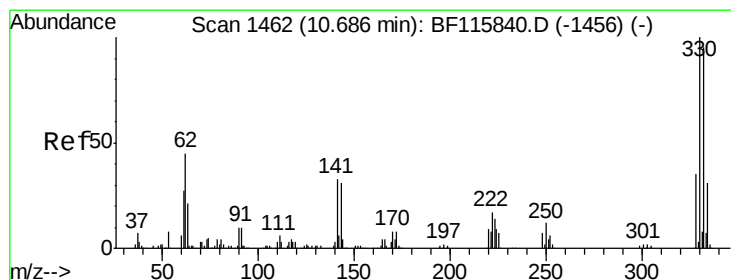
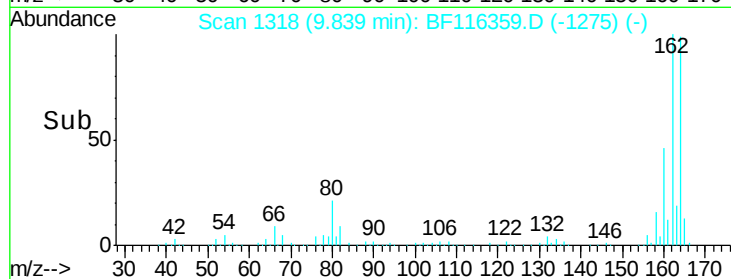
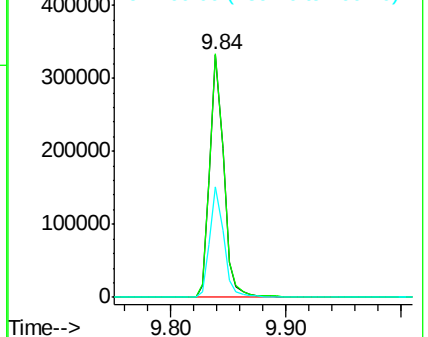
160 45.7 37.6 56.4



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: 86.773 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.04 min

Lab File: BF116359.D

Acq: 17 Aug 2019 16:05

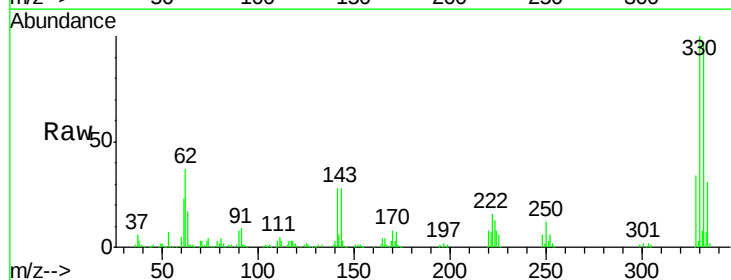
Tgt Ion:330 Resp: 237424

Ion Ratio Lower Upper

330 100

332 96.3 76.8 115.2

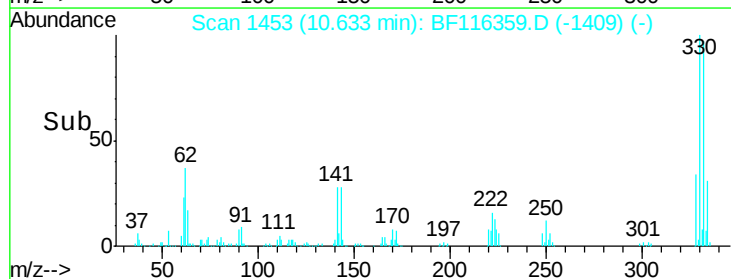
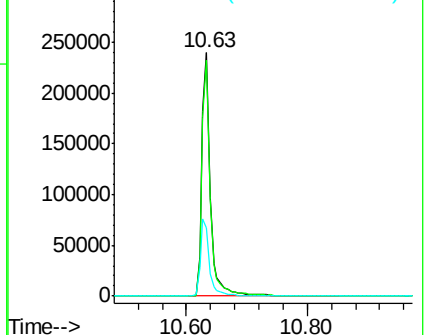
141 34.4 26.3 39.5



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

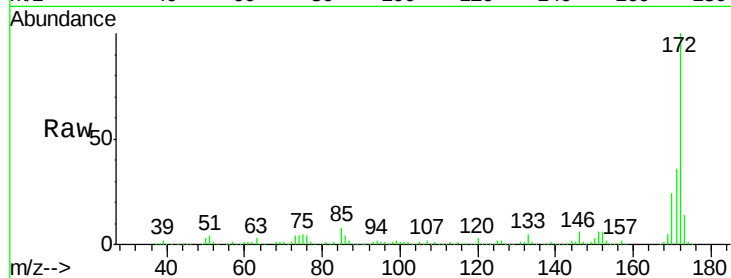




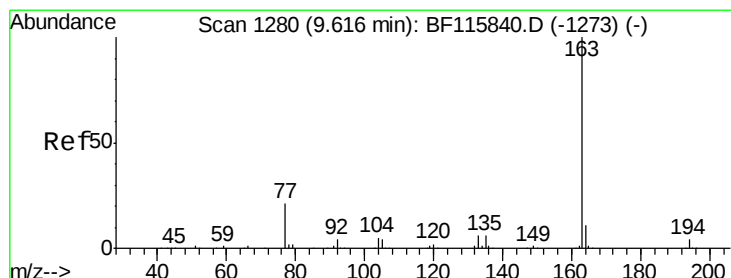
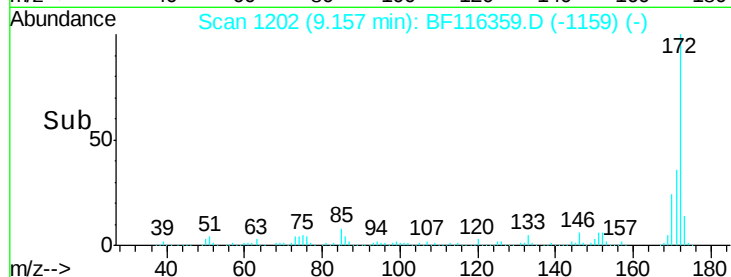
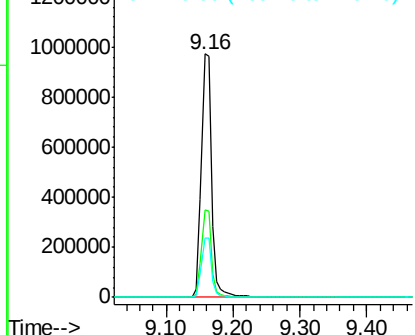
#45
2-Fluorobiphenyl
Concen: 66.519 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.05 min
Lab File: BF116359.D
Acq: 17 Aug 2019 16:05

Instrument :
BNA_F
ClientSampleId :
W-WALL

Tot Ion:172 Resp: 1002241
Ion Ratio Lower Upper
172 100
171 35.7 29.6 44.4
170 24.3 20.1 30.1

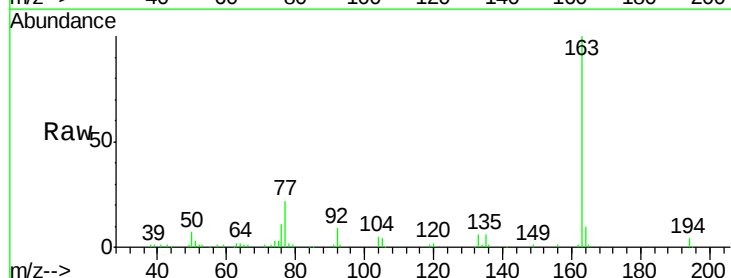


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

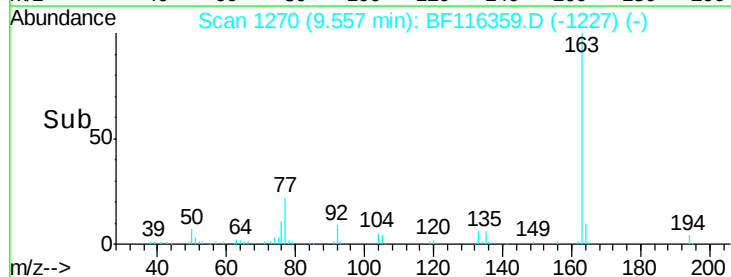
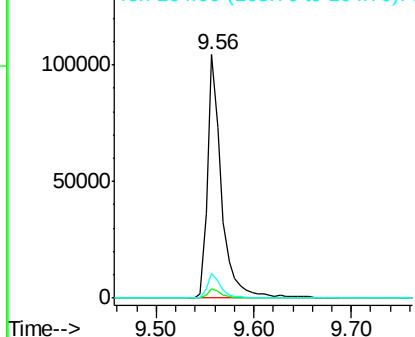


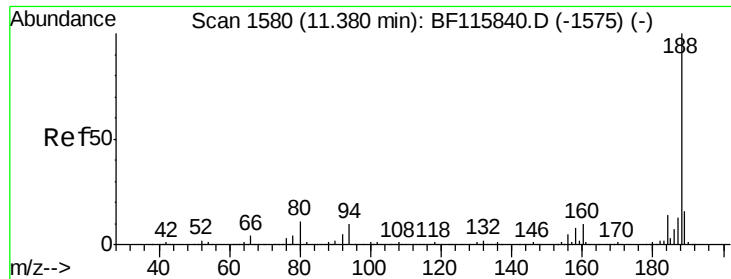
#50
Dimethylphthalate
Concen: 5.400 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.05 min
Lab File: BF116359.D
Acq: 17 Aug 2019 16:05

Tgt Ion:163 Resp: 103772
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.6
164 10.3 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

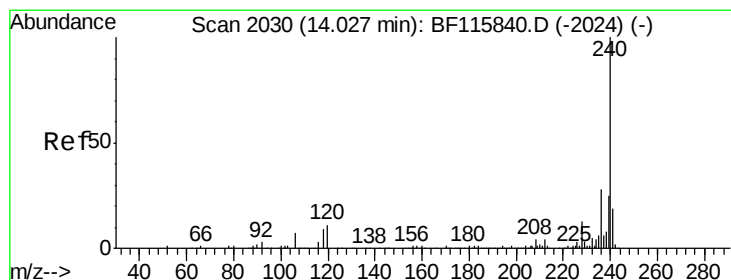
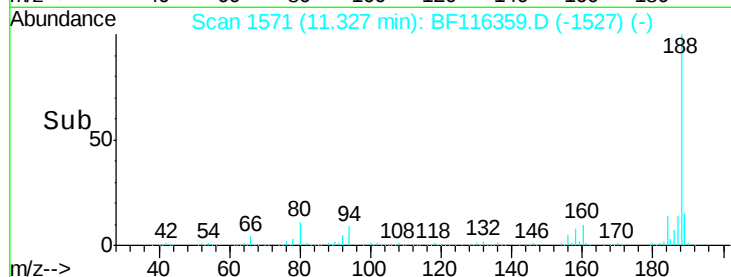
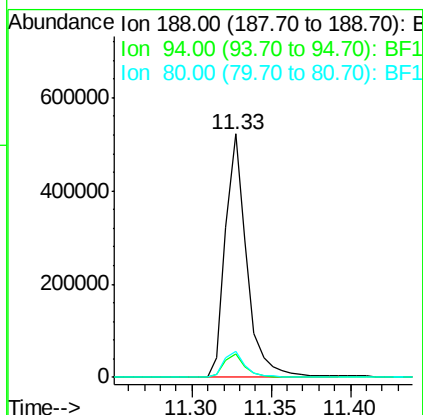
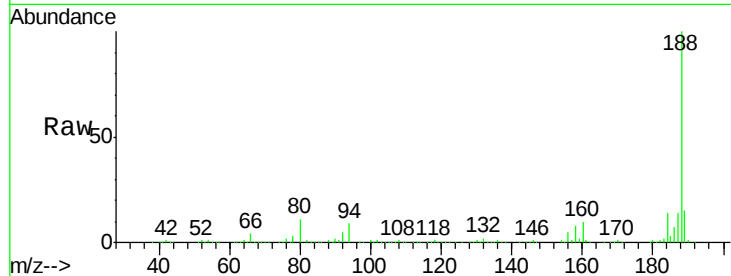




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. -0.04 min
 Lab File: BF116359.D
 Acq: 17 Aug 2019 16:05

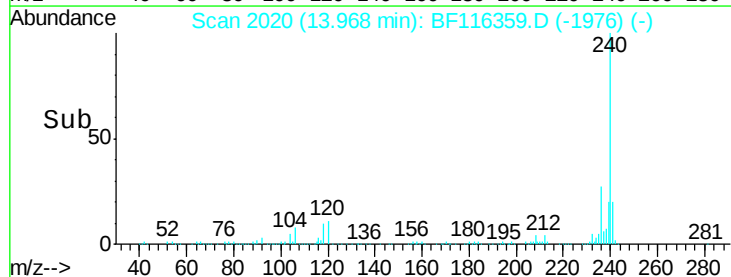
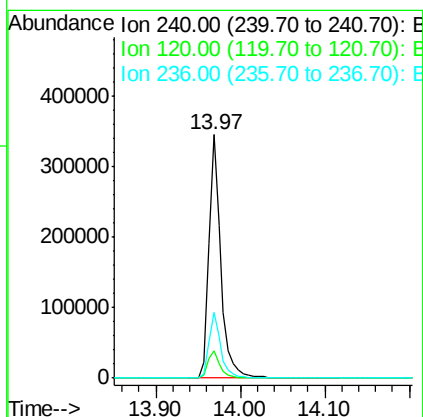
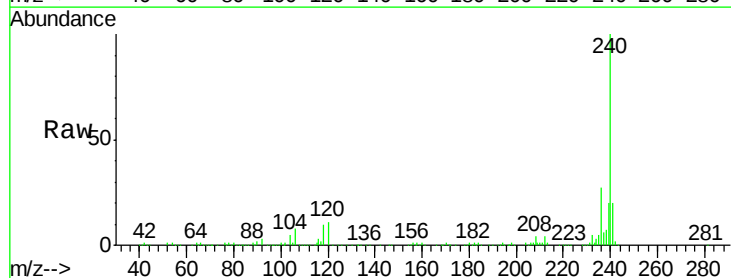
Instrument :
 BNA_F
 ClientSampleId :
 W-WALL

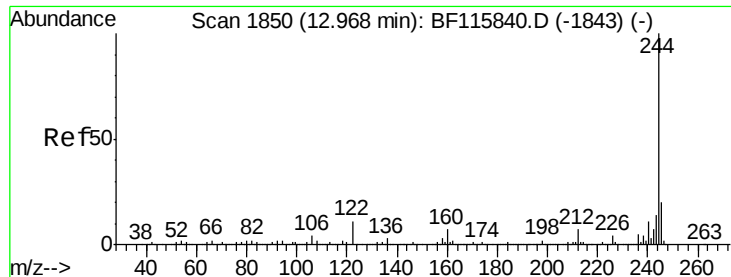
Tot Ion:188 Resp: 489074
 Ion Ratio Lower Upper
 188 100
 94 9.5 8.1 12.1
 80 10.5 8.7 13.1



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.04 min
 Lab File: BF116359.D
 Acq: 17 Aug 2019 16:05

Tgt Ion:240 Resp: 341411
 Ion Ratio Lower Upper
 240 100
 120 11.4 10.7 16.1
 236 26.9 22.2 33.2





#79

Terphenyl-d14

Concen: 63.509 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.05 min

Lab File: BF116359.D

Acq: 17 Aug 2019 16:05

Instrument :

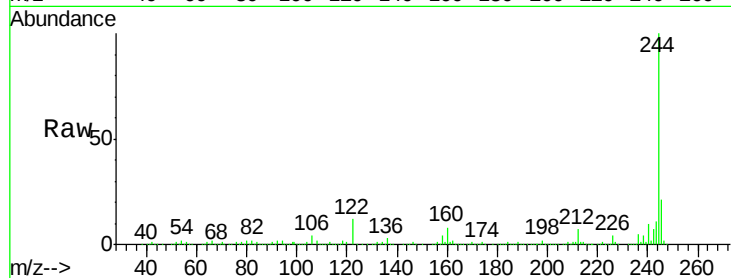
BNA_F

ClientSampleId :

W-WALL

Tot Ion:244 Resp: 1029001

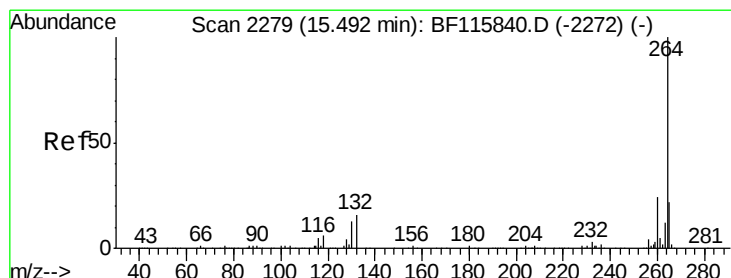
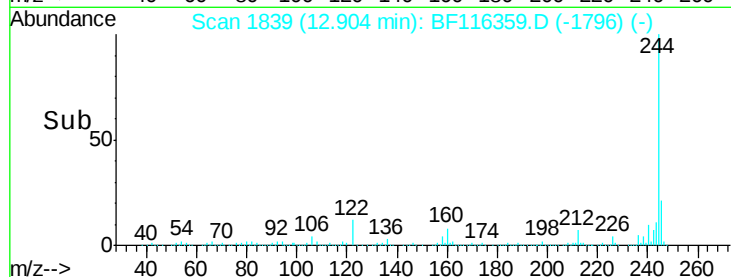
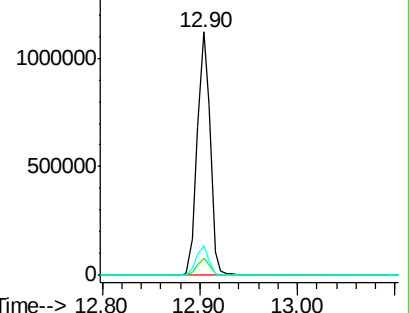
Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	12.0	9.0	13.4



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

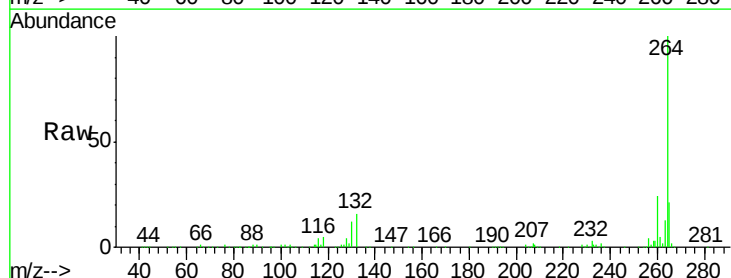
Delta R.T. -0.05 min

Lab File: BF116359.D

Acq: 17 Aug 2019 16:05

Tgt Ion:264 Resp: 311564

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.7	29.5
265	20.6	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

