

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081019\
 Data File : BF116159.D
 Acq On : 10 Aug 2019 19:55
 Operator : HP/JU
 Sample : K4245-01 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 12 00:58:05 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

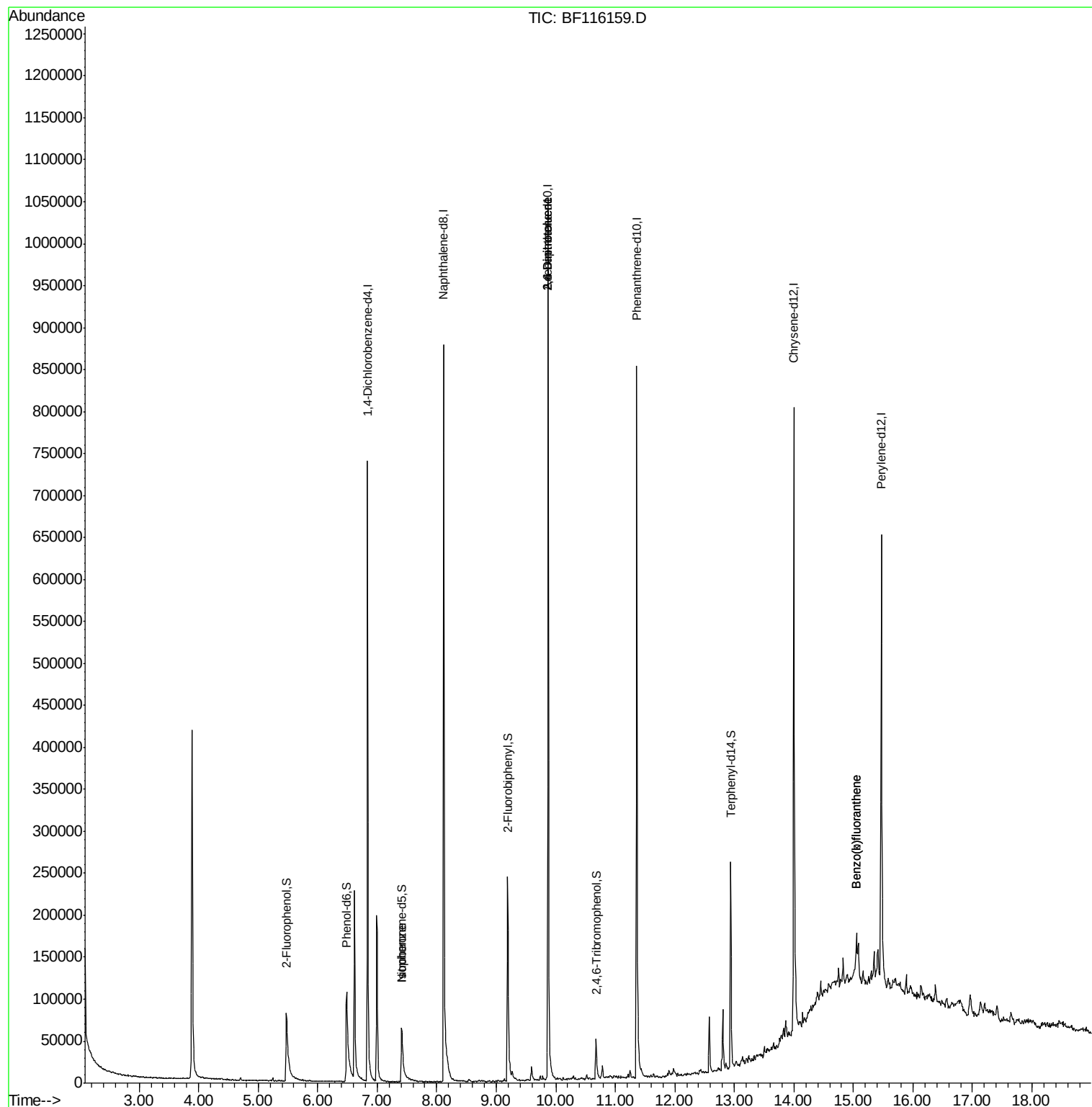
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	130963	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	525016	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	259326	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	382770	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	278013	20.00	ng	0.00
87) Perylene-d12	15.47	264	275644	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	63878	8.17	ng	0.00
7) Phenol-d6	6.49	99	101447	10.28	ng	0.00
23) Nitrobenzene-d5	7.41	82	60353	6.64	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	11622	4.62	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	121041	8.74	ng	-0.01
79) Terphenyl-d14	12.94	244	95760	7.26	ng	-0.01
Target Compounds						
25) Isophorone	7.41	82	60353	3.470	ng	# 65
51) 2,6-Dinitrotoluene	9.87	165	32982	8.595	ng	# 29
57) 2,4-Dinitrotoluene	9.87	165	33249	6.508	ng	# 20
88) Benzo(b)fluoranthene	15.05	252	35725	2.241	ng	# 91
89) Benzo(k)fluoranthene	15.05	252	35725	2.301	ng	# 90

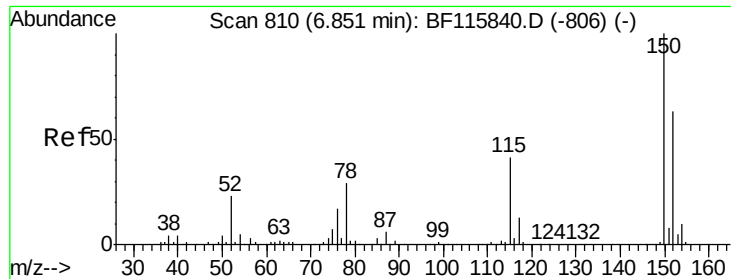
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081019\
Data File : BF116159.D
Acq On : 10 Aug 2019 19:55
Operator : HP/JU
Sample : K4245-01 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Aug 12 00:58:05 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

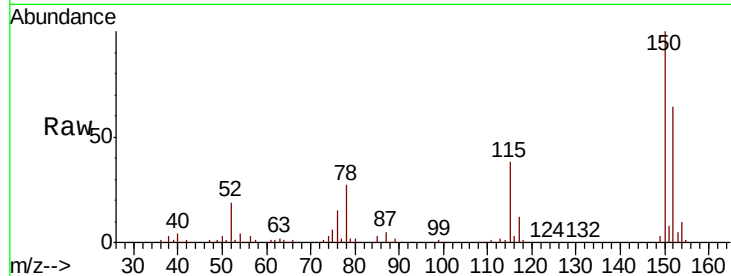




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.84 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: BF116159.D
 Acq: 10 Aug 2019 19:55

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	126.2	189.2
115	59.7	49.9	74.9

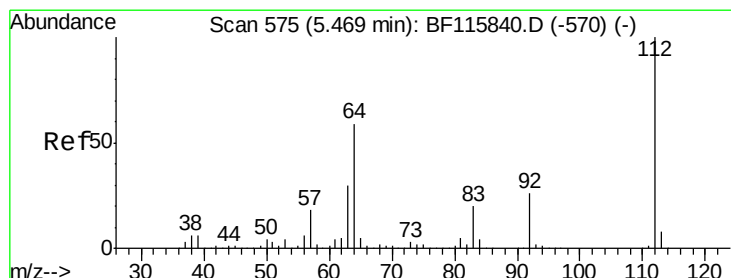
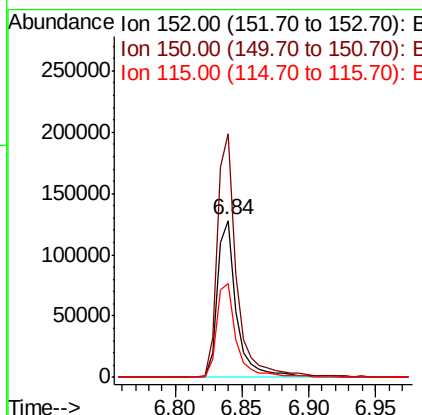
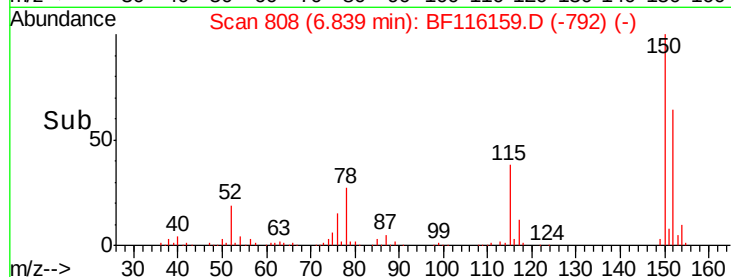


Abundance

Ion 152.00 (151.70 to 152.70): E

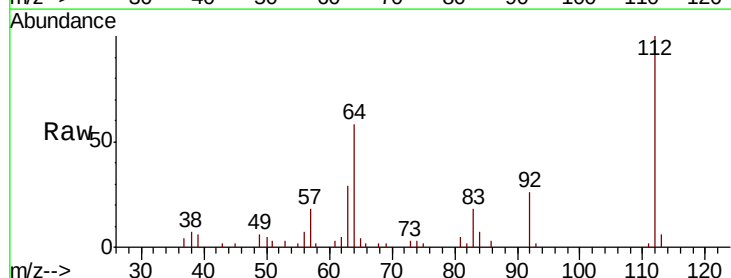
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 8.165 ng
 RT: 5.47 min Scan# 576
 Delta R.T. 0.01 min
 Lab File: BF116159.D
 Acq: 10 Aug 2019 19:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.4	45.4	68.2
63	29.1	23.7	35.5

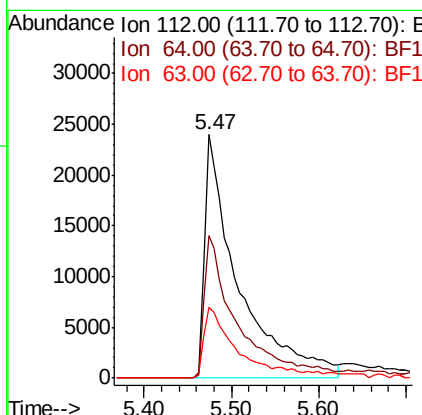
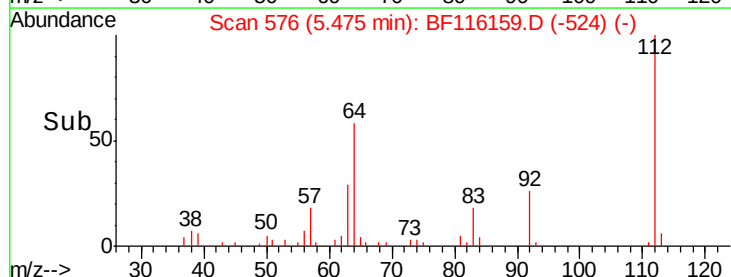


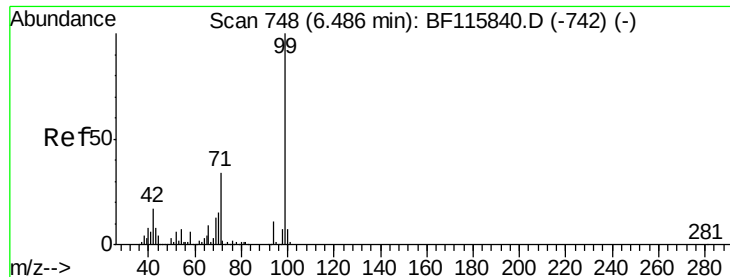
Abundance

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: 10.278 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF116159.D

Acq: 10 Aug 2019 19:55

Instrument :

BNA_F

ClientSampleId :

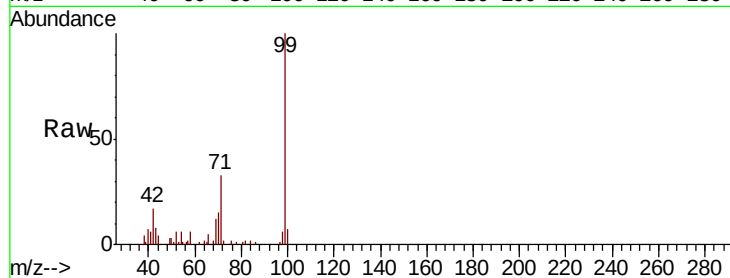
Tot Ion: 99 Resp: 101447

Ion Ratio Lower Upper

99 100

42 17.4 13.8 20.8

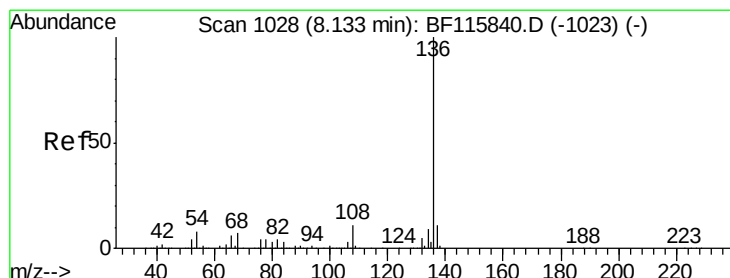
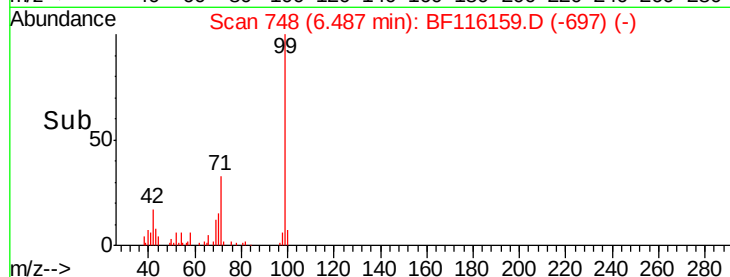
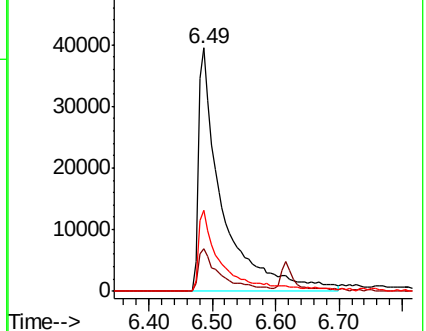
71 33.2 27.3 40.9



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: BF116159.D

Acq: 10 Aug 2019 19:55

Tgt Ion: 136 Resp: 525016

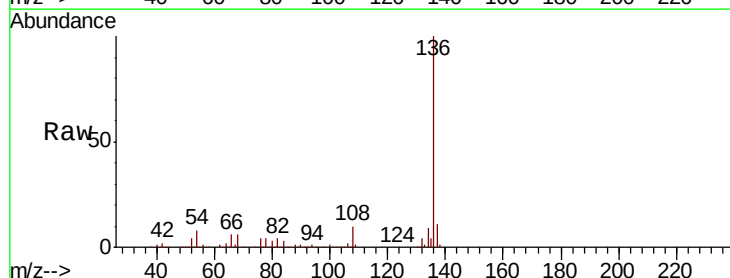
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 7.5 5.8 8.6

68 6.5 5.2 7.8

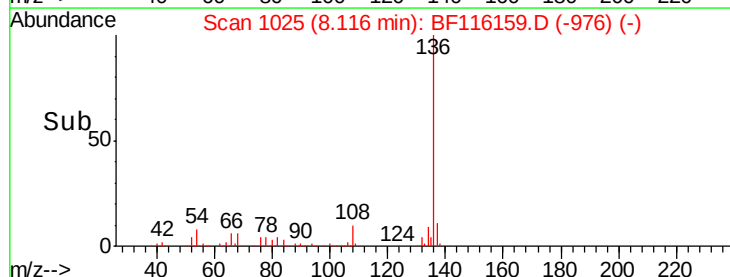
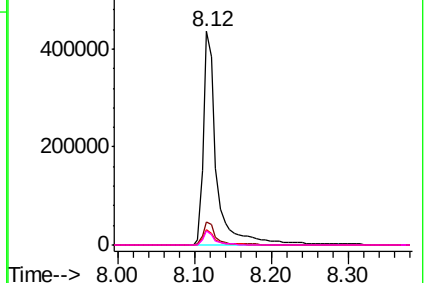


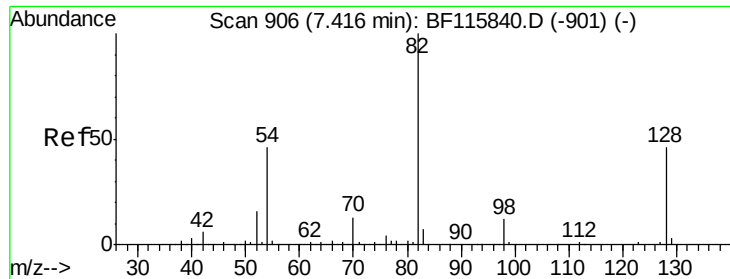
Abundance Ion 136.00 (135.70 to 136.70): E

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

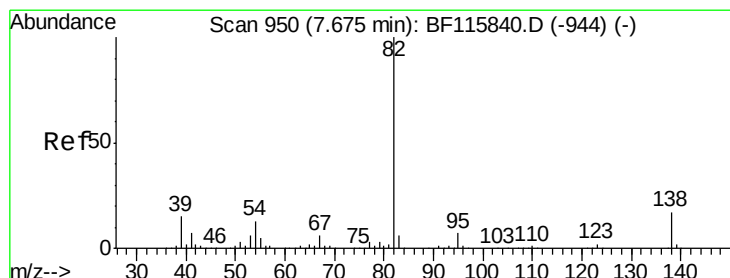
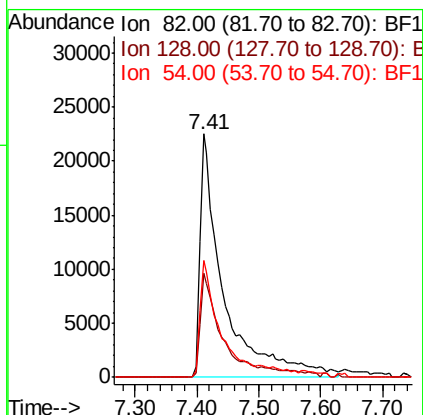
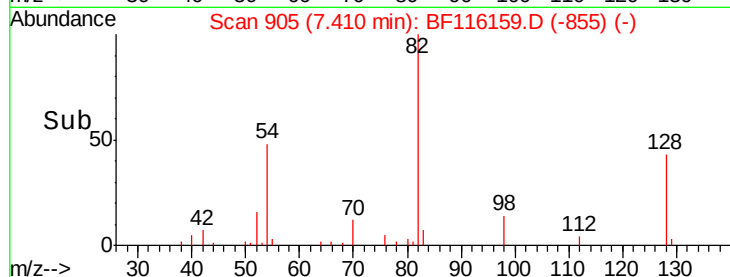
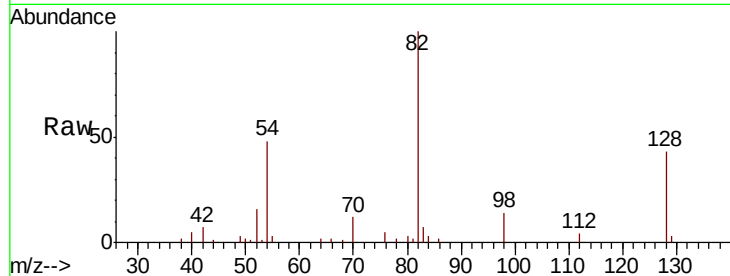




#23
 Nitrobenzene-d5
 Concen: 6.636 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF116159.D
 Acq: 10 Aug 2019 19:55

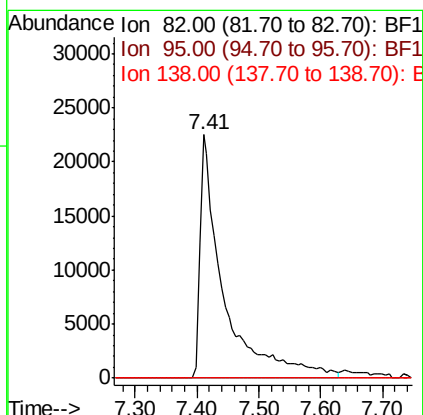
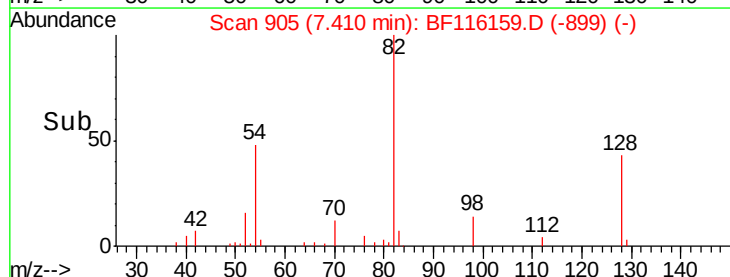
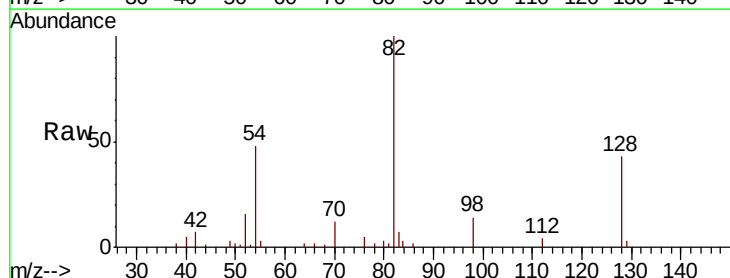
Instrument :
 BNA_F
 ClientSampled :

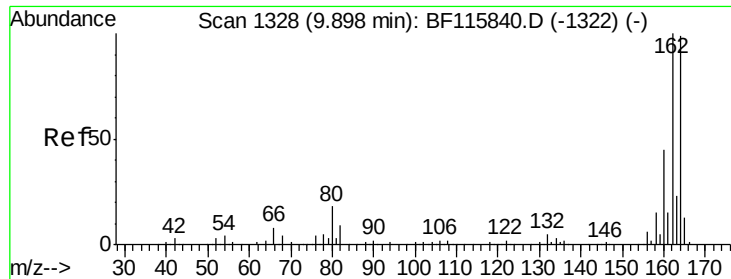
Tot Ion	82	Resp	60353
Ion Ratio	Lower	Upper	
82	100		
128	42.7	36.5	54.7
54	47.8	36.0	54.0



#25
 Isophorone
 Concen: 3.470 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.26 min
 Lab File: BF116159.D
 Acq: 10 Aug 2019 19:55

Tgt Ion	82	Resp	60353
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.4	8.0#
138	0.0	14.5	21.7#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF116159.D

Acq: 10 Aug 2019 19:55

Instrument :

BNA_F

ClientSampleId :

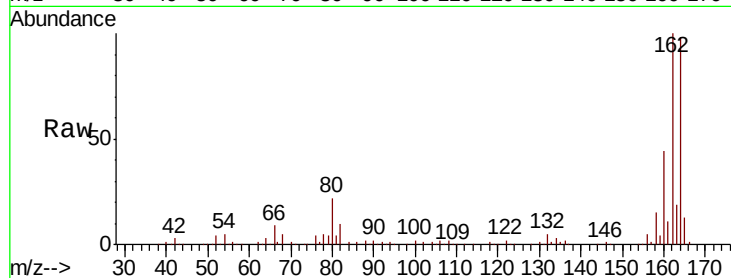
Tot Ion:164 Resp: 259326

Ion Ratio Lower Upper

164 100

162 101.7 82.6 124.0

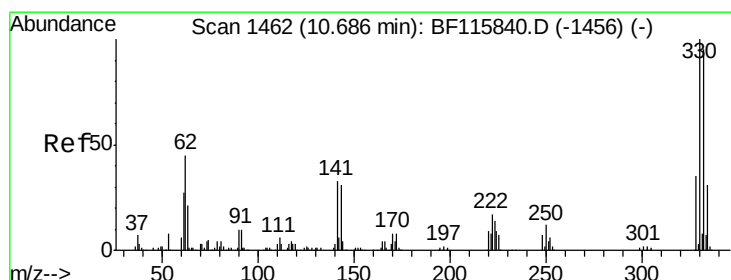
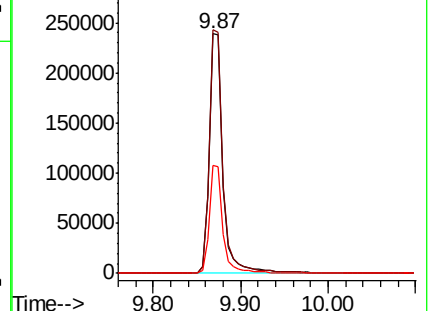
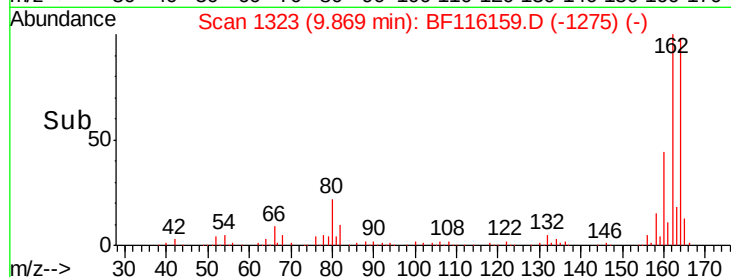
160 45.2 37.6 56.4



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: 4.622 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.00 min

Lab File: BF116159.D

Acq: 10 Aug 2019 19:55

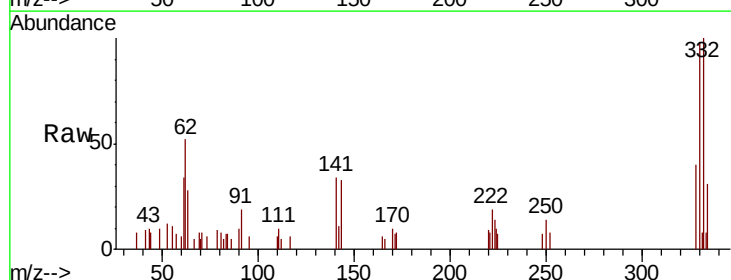
Tgt Ion:330 Resp: 11622

Ion Ratio Lower Upper

330 100

332 96.9 76.8 115.2

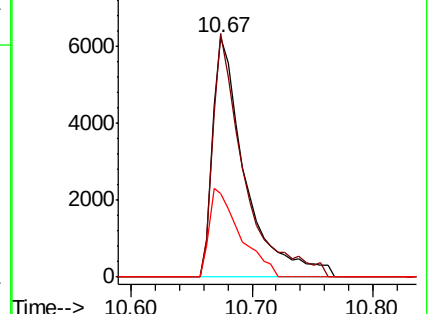
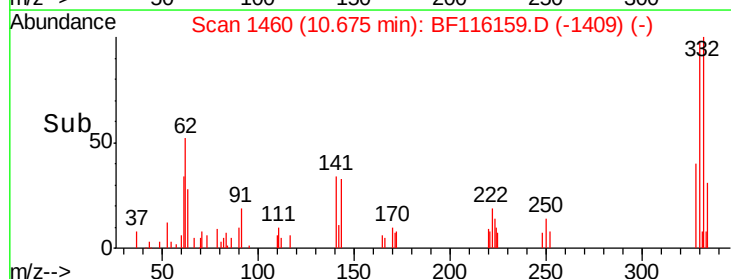
141 34.8 26.3 39.5

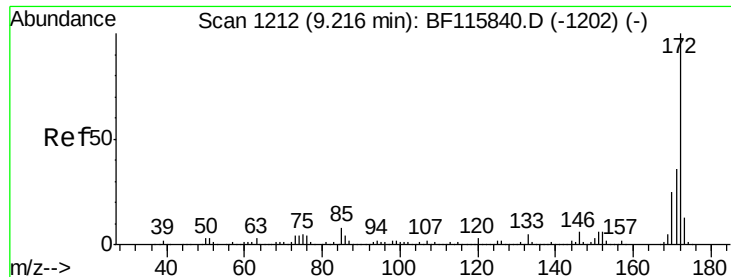


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

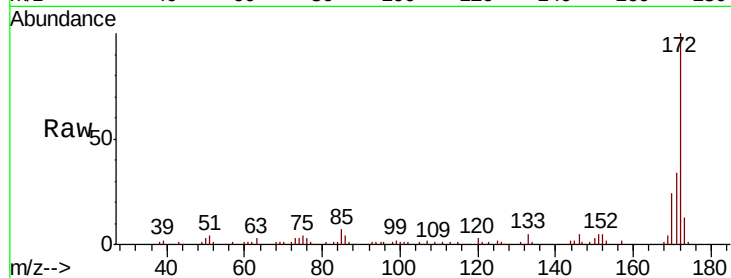




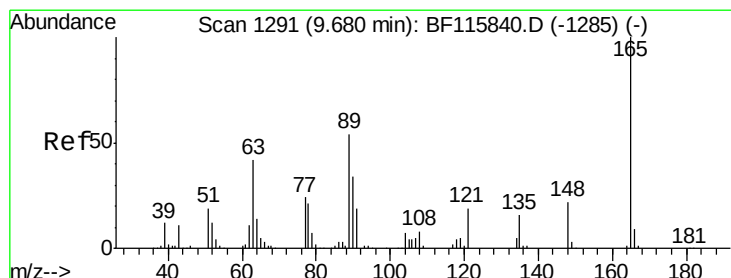
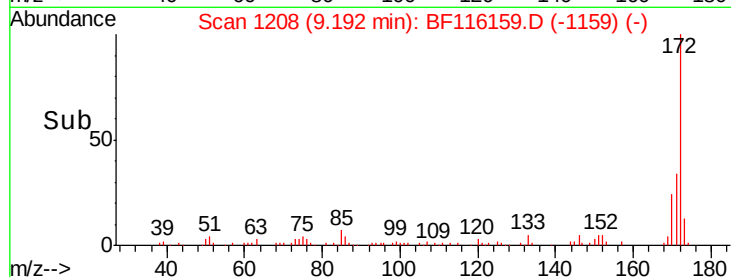
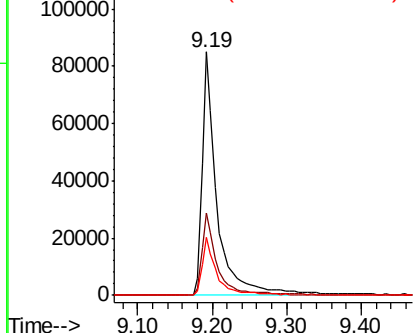
#45
 2-Fluorobiphenyl
 Concen: 8.743 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF116159.D
 Acq: 10 Aug 2019 19:55

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 121041
 Ion Ratio Lower Upper
 172 100
 171 33.8 29.6 44.4
 170 23.8 20.1 30.1

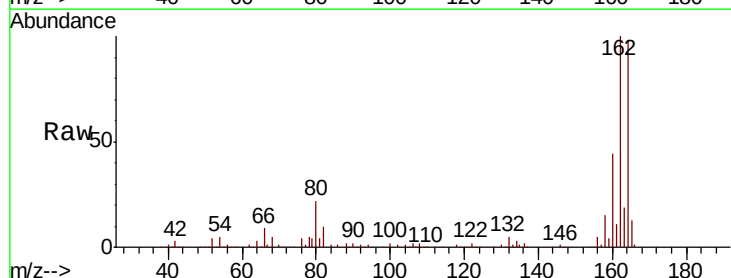


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

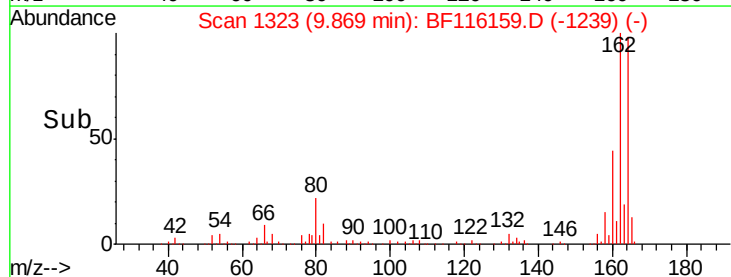
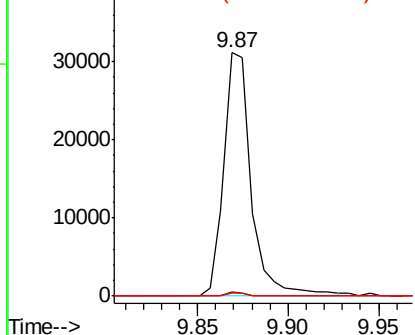


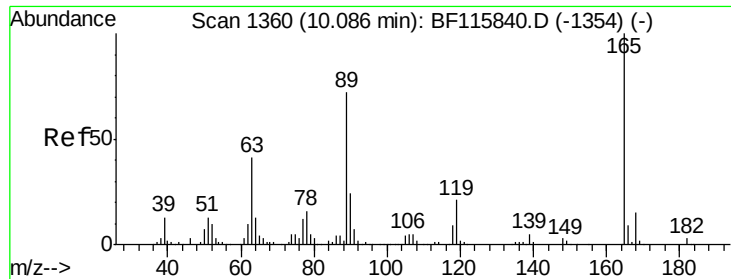
#51
 2,6-Dinitrotoluene
 Concen: 8.595 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. 0.19 min
 Lab File: BF116159.D
 Acq: 10 Aug 2019 19:55

Tgt Ion:165 Resp: 32982
 Ion Ratio Lower Upper
 165 100
 63 1.6 38.2 57.2#
 89 1.3 42.9 64.3#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1





#57

2,4-Dinitrotoluene

Concen: 6.508 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.21 min

Lab File: BF116159.D

Acq: 10 Aug 2019 19:55

Instrument :

BNA_F

ClientSampled :

Tot Ion:165 Resp: 33249

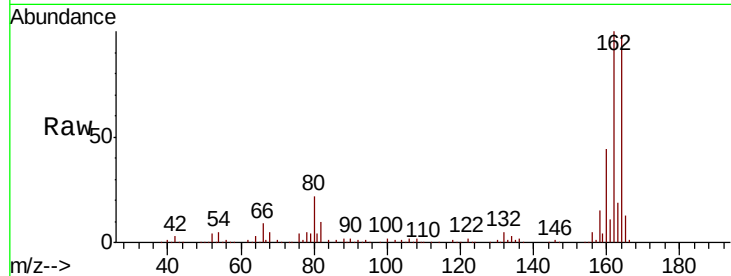
Ion Ratio Lower Upper

165 100

63 1.6 39.6 59.4#

89 1.3 62.2 93.2#

182 0.0 2.1 3.1#

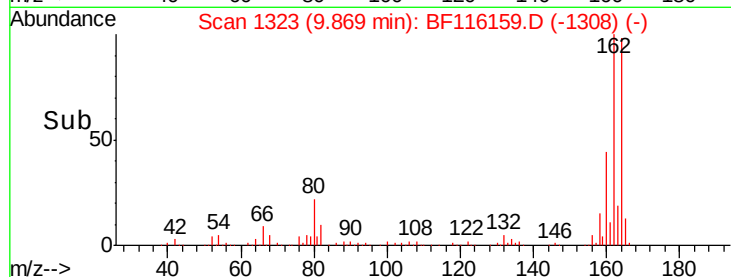


Abundance Ion 165.00 (164.70 to 165.70): E

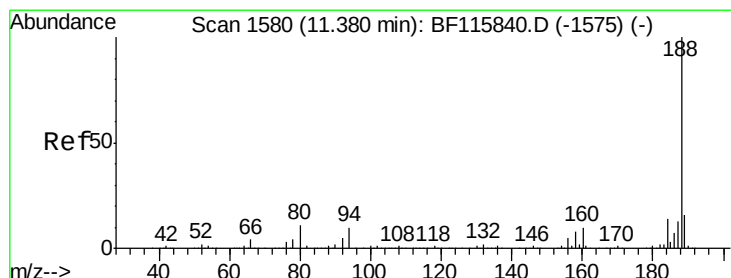
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



Time--> 9.80 9.90



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF116159.D

Acq: 10 Aug 2019 19:55

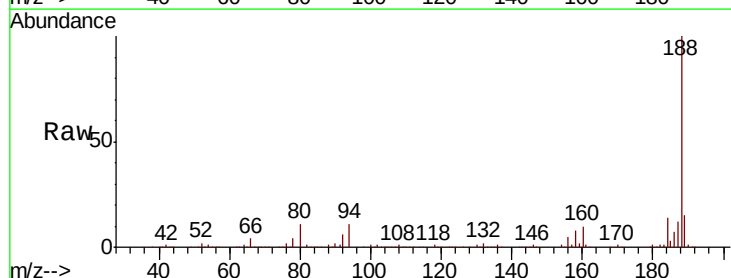
Tgt Ion:188 Resp: 382770

Ion Ratio Lower Upper

188 100

94 10.5 8.1 12.1

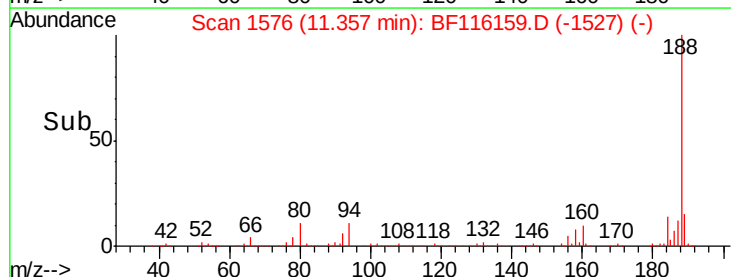
80 11.2 8.7 13.1



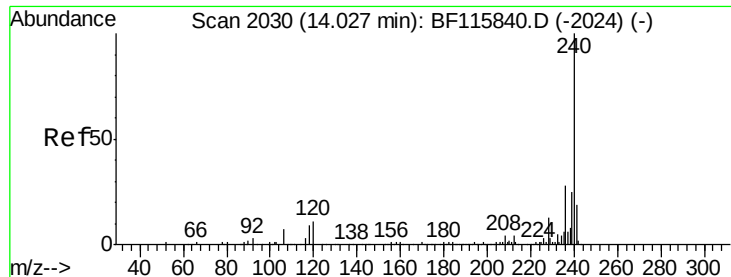
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



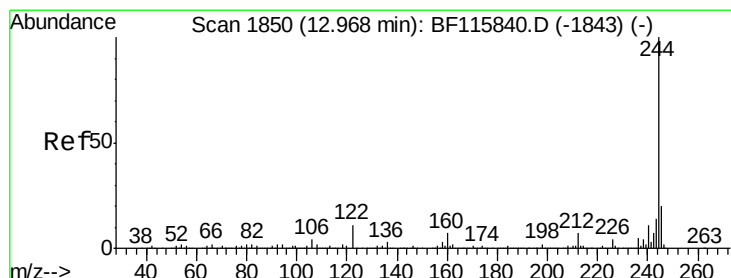
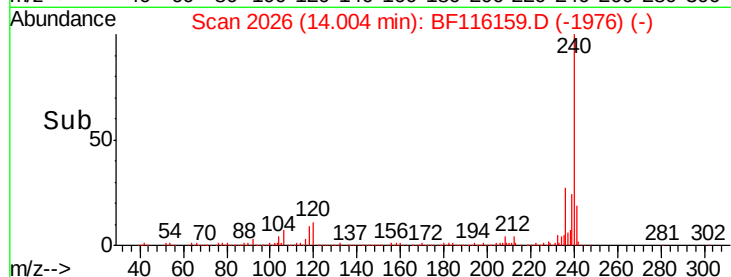
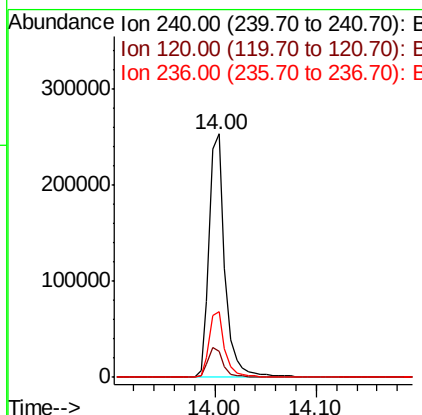
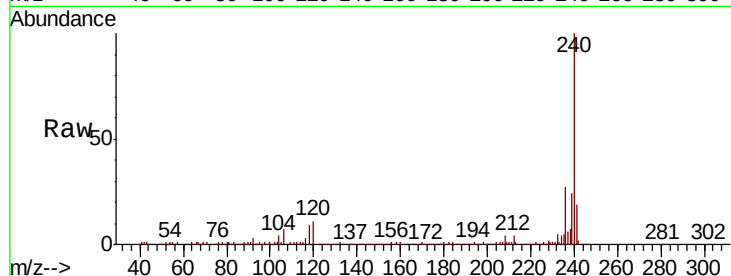
Time--> 11.30 11.40 11.50 11.60



#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF116159.D
 Acq: 10 Aug 2019 19:55

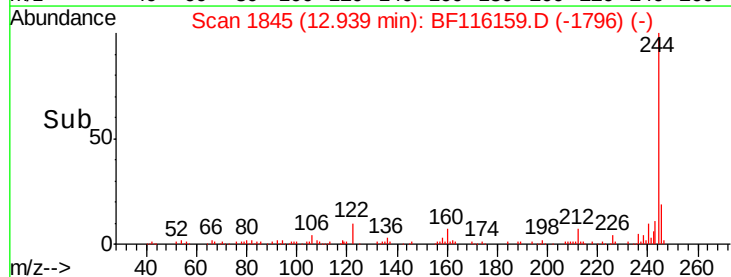
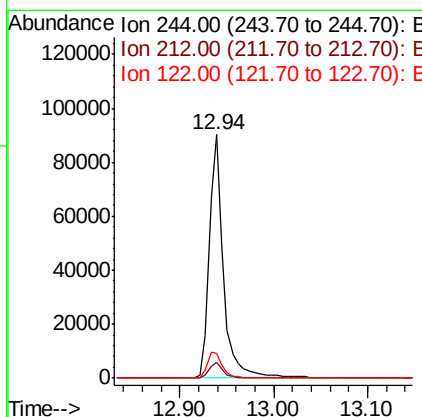
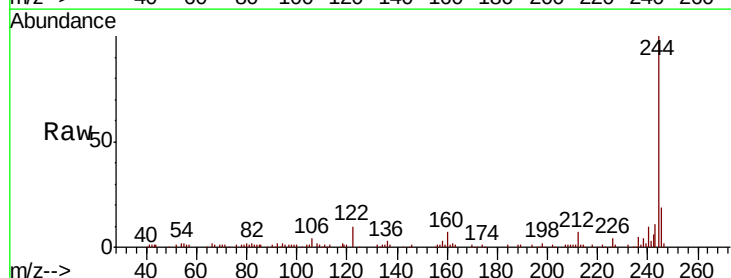
Instrument :
 BNA_F
 ClientSampleId :

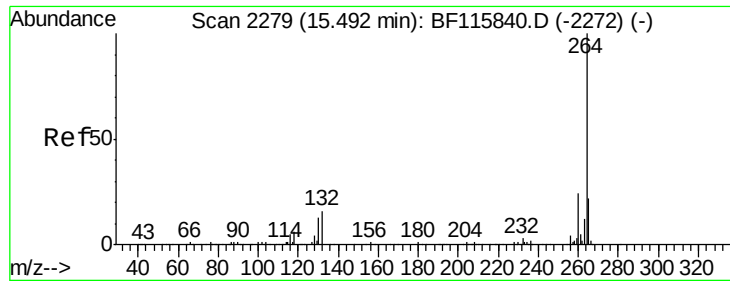
Tot Ion:240 Resp: 278013
 Ion Ratio Lower Upper
 240 100
 120 10.6 10.7 16.1#
 236 27.2 22.2 33.2



#79
 Terphenyl-d14
 Concen: 7.258 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF116159.D
 Acq: 10 Aug 2019 19:55

Tgt Ion:244 Resp: 95760
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.8 8.8
 122 10.3 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: BF116159.D

Acq: 10 Aug 2019 19:55

Instrument :

BNA_F

ClientSampled :

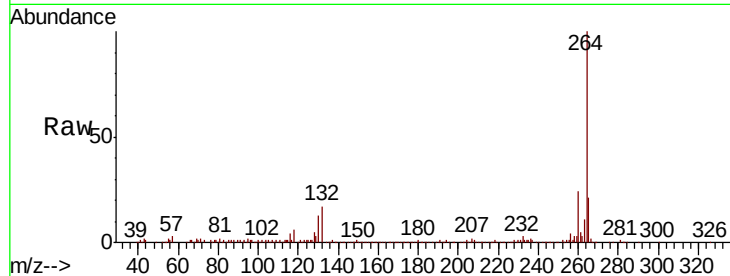
Tot Ion:264 Resp: 275644

Ion Ratio Lower Upper

264 100

260 23.7 19.7 29.5

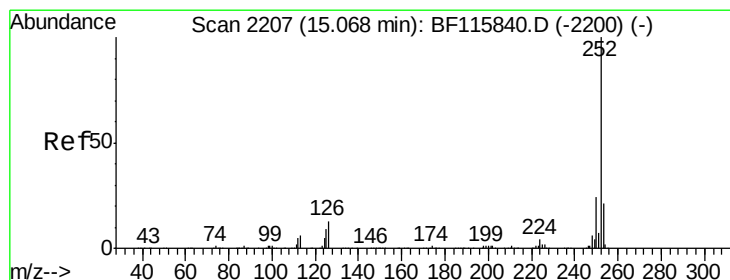
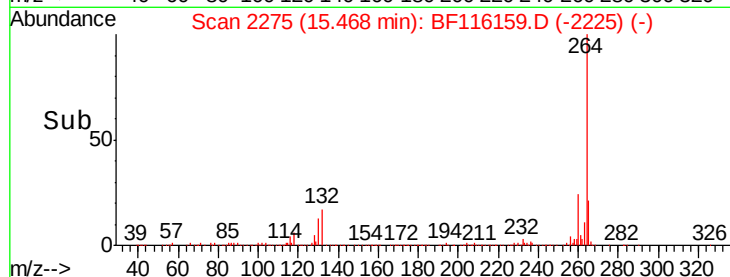
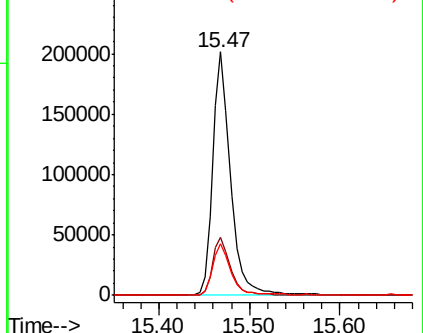
265 21.3 17.4 26.0



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



#88

Benzo(b)fluoranthene

Concen: 2.241 ng

RT: 15.05 min Scan# 2204

Delta R.T. -0.00 min

Lab File: BF116159.D

Acq: 10 Aug 2019 19:55

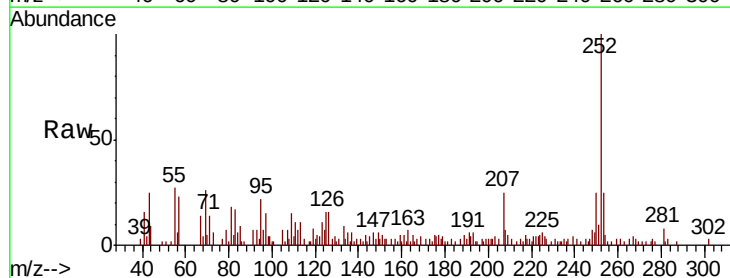
Tgt Ion:252 Resp: 35725

Ion Ratio Lower Upper

252 100

253 25.1 17.8 26.8

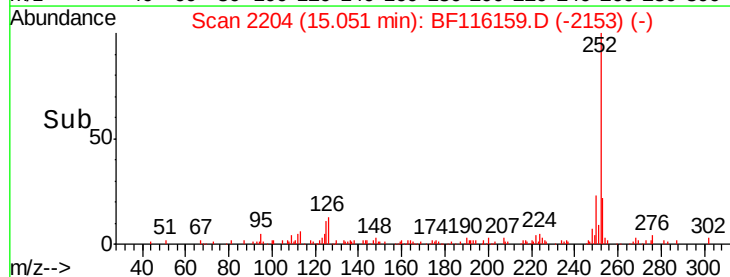
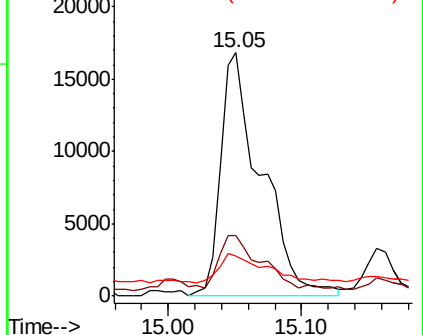
125 16.3 8.4 12.6#

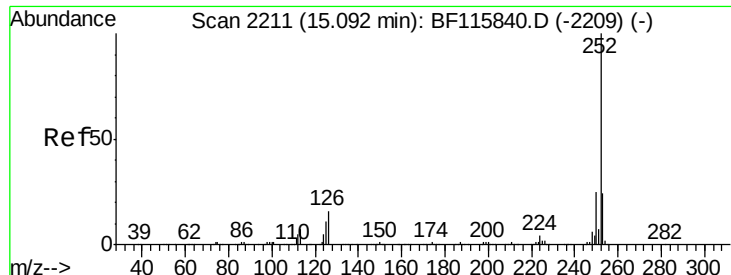


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89
Benzo(k)fluoranthene
Concen: 2.301 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.03 min
Lab File: BF116159.D
Acq: 10 Aug 2019 19:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.8	26.8
125	16.3	7.7	11.5

