

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF033120\
 Data File : BF119653.D
 Acq On : 31 Mar 2020 15:53
 Operator : MA/SJ
 Sample : L2049-03 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-5-(1-3)RE

Quant Time: Mar 31 16:42:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 31 14:11:44 2020
 Response via : Initial Calibration

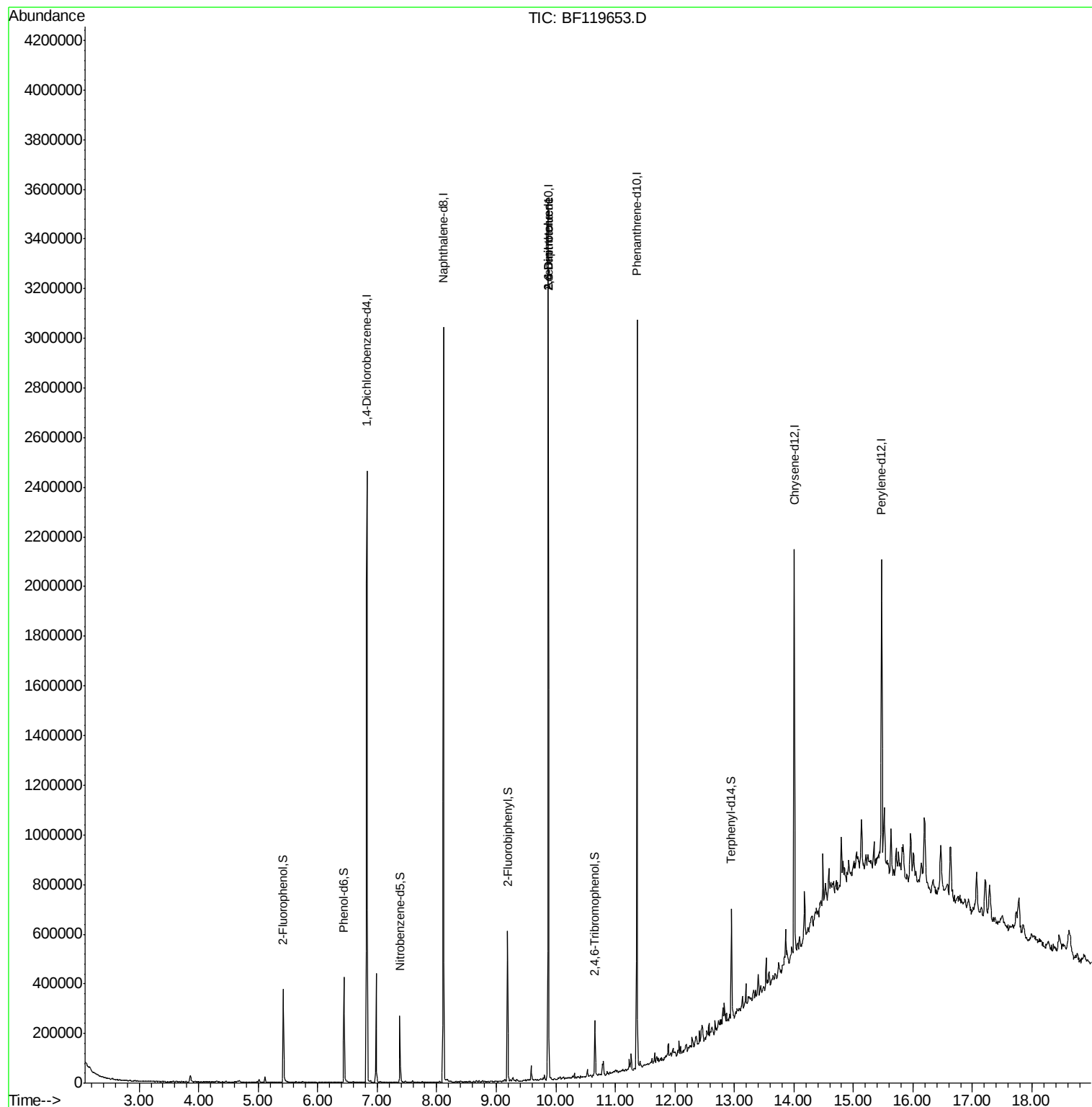
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	353865	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	1339043	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	655959	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	1054579	20.00	ng	0.00
76) Chrysene-d12	14.01	240	594592	20.00	ng	0.00
87) Perylene-d12	15.47	264	594440	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	100205	4.51	ng	-0.01
7) Phenol-d6	6.44	99	134992	4.75	ng	-0.02
23) Nitrobenzene-d5	7.38	82	81991	3.33	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	26568	3.93	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	185017	4.18	ng	0.00
79) Terphenyl-d14	12.95	244	146965	4.84	ng	-0.01
Target Compounds						
51) 2,6-Dinitrotoluene	9.87	165	83773	8.388	ng	# 26
57) 2,4-Dinitrotoluene	9.87	165	83773	6.659	ng	# 20

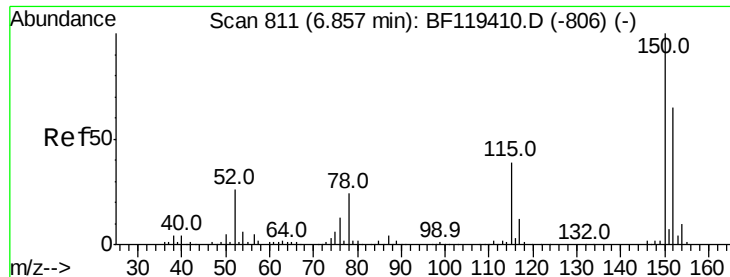
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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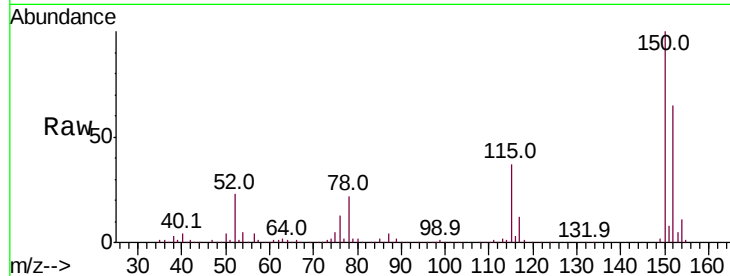


#1

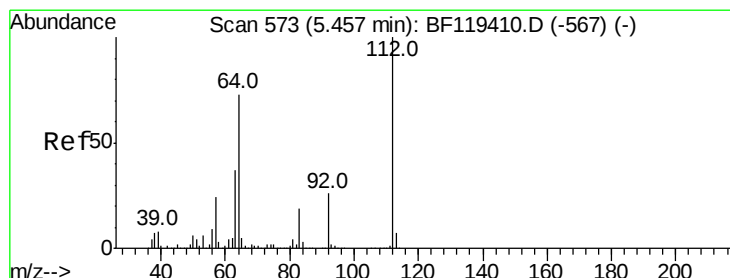
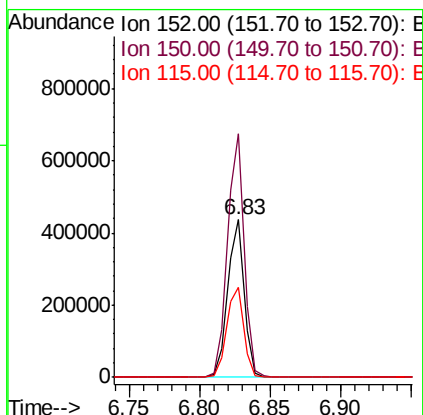
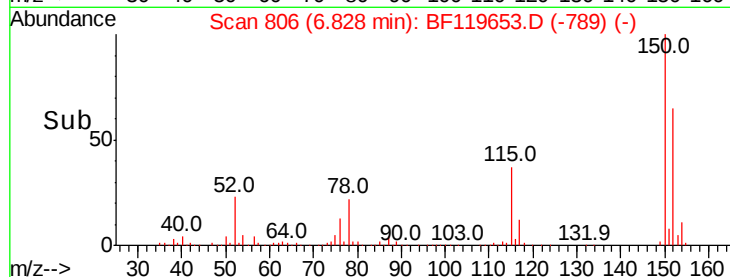
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.00 min
Lab File: BF119653.D
Acq: 31 Mar 2020 15:53

Instrument :
BNA_F
ClientSampleId :
SB-5-(1-3)RE

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	124.5	186.7
115	56.9	49.6	74.4



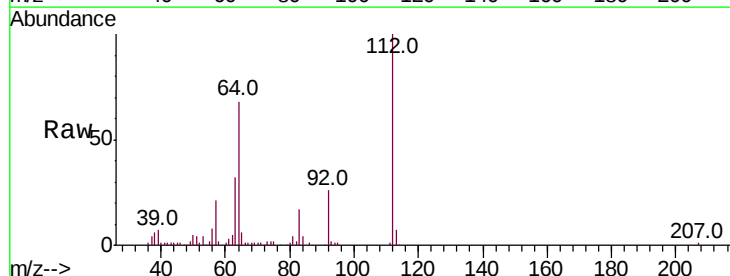
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



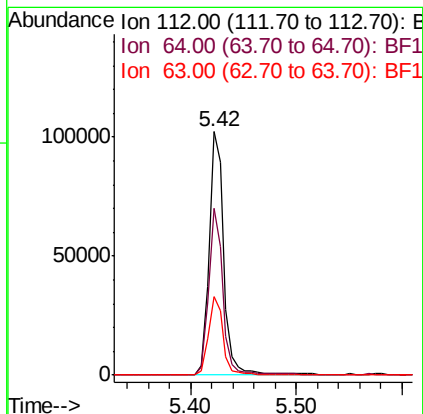
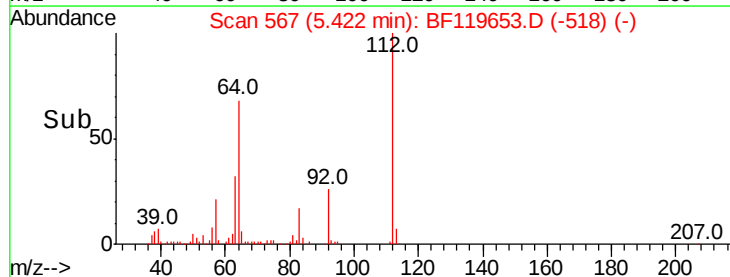
#5

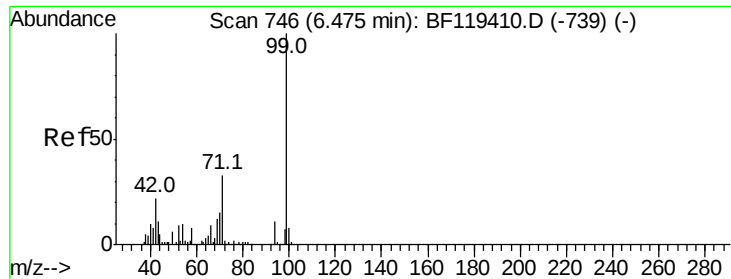
2-Fluorophenol
Concen: 4.508 ng
RT: 5.42 min Scan# 567
Delta R.T. -0.01 min
Lab File: BF119653.D
Acq: 31 Mar 2020 15:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.3	56.7	85.1
63	32.2	29.5	44.3



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: 4.754 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.02 min

Lab File: BF119653.D

Acq: 31 Mar 2020 15:53

Instrument :

BNA_F

ClientSampleId :

SB-5-(1-3)RE

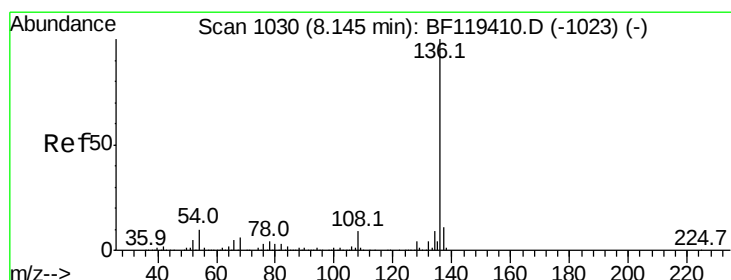
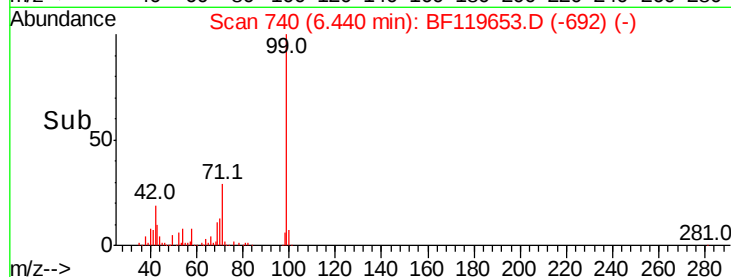
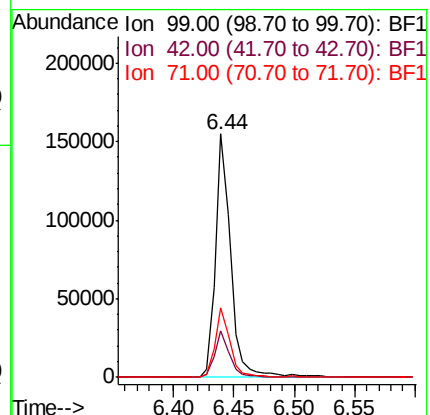
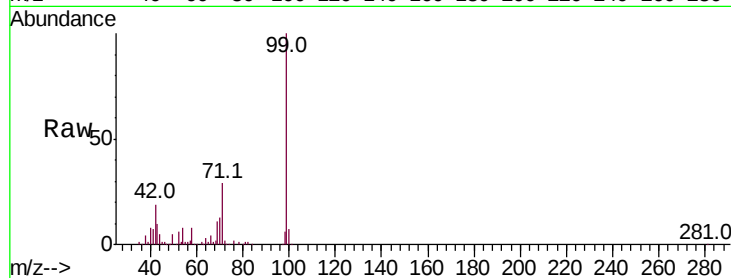
Tot Ion: 99 Resp: 134992

Ion Ratio Lower Upper

99 100

42 19.0 16.6 24.8

71 28.5 26.4 39.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BF119653.D

Acq: 31 Mar 2020 15:53

Tgt Ion: 136 Resp: 1339043

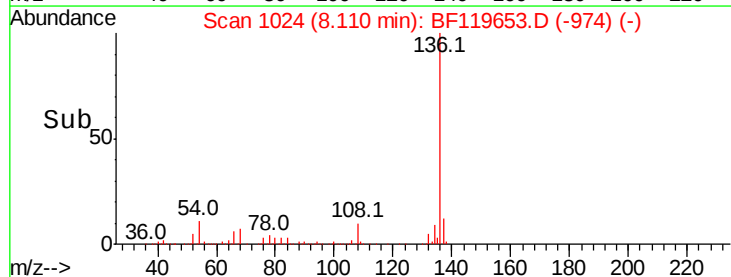
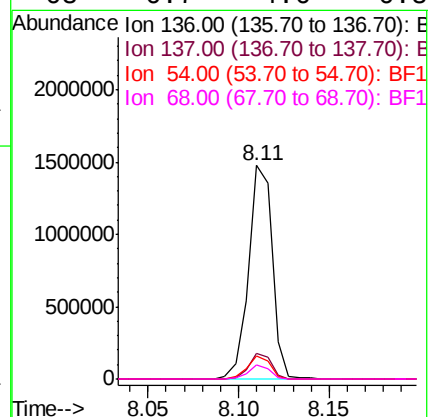
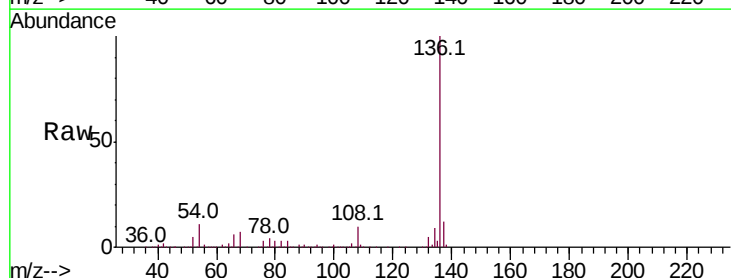
Ion Ratio Lower Upper

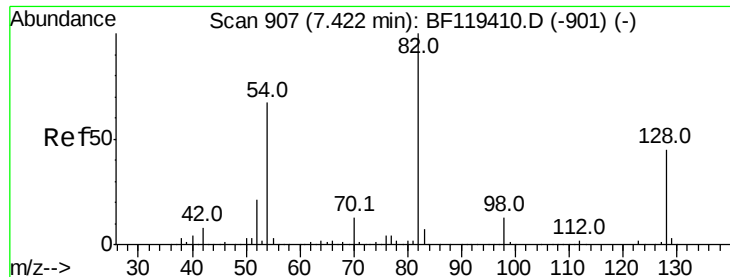
136 100

137 11.7 8.7 13.1

54 11.0 9.1 13.7

68 6.7 4.6 6.8

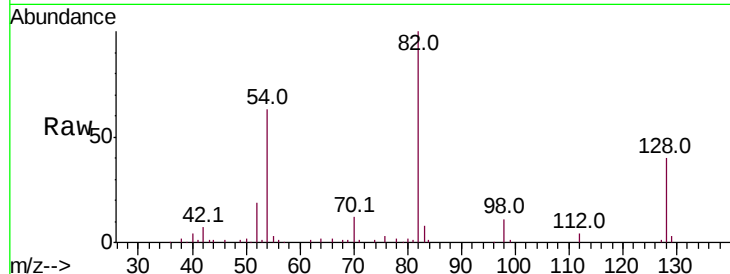




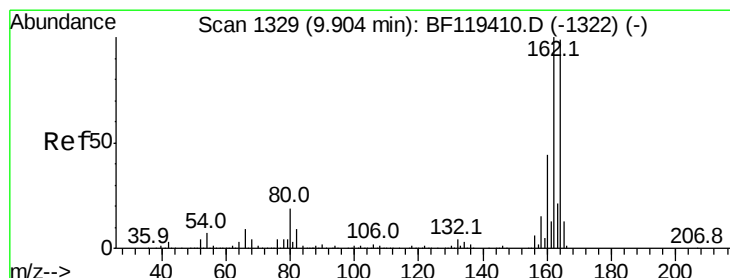
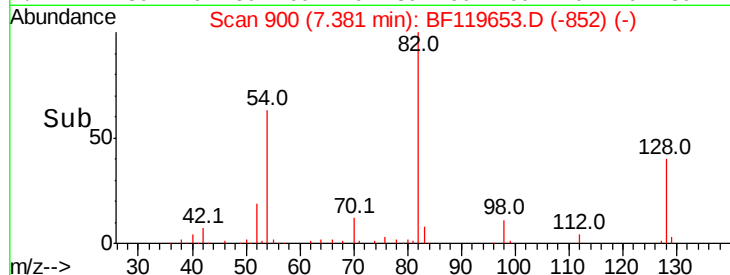
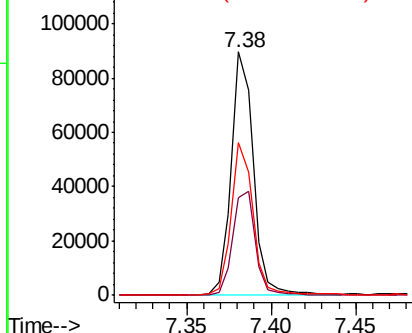
#23
Nitrobenzene-d5
Concen: 3.328 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.02 min
Lab File: BF119653.D
Acq: 31 Mar 2020 15:53

Instrument :
BNA_F
ClientSampleId :
SB-5-(1-3)RE

Tot Ion: 82 Resp: 81991
Ion Ratio Lower Upper
82 100
128 40.1 36.3 54.5
54 62.9 50.6 75.8

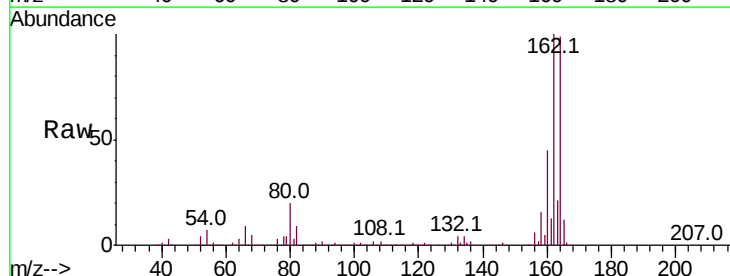


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

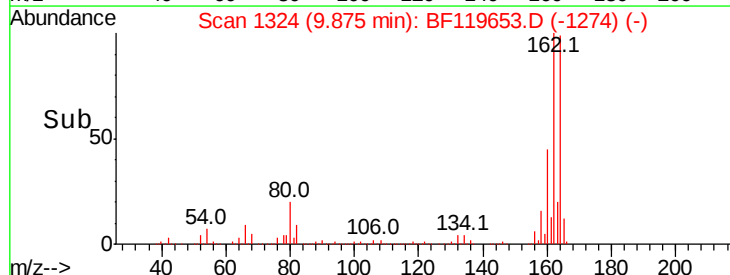
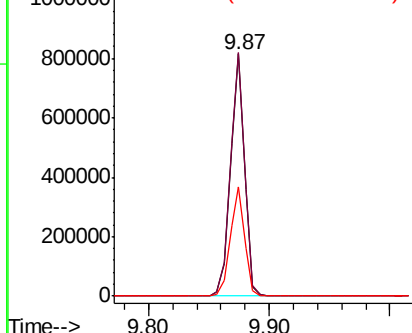


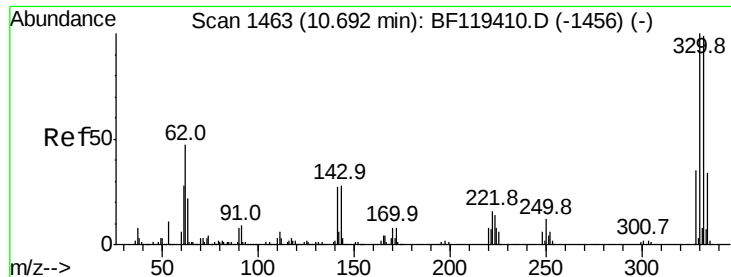
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF119653.D
Acq: 31 Mar 2020 15:53

Tgt Ion: 164 Resp: 655959
Ion Ratio Lower Upper
164 100
162 100.6 80.6 121.0
160 45.1 35.7 53.5



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

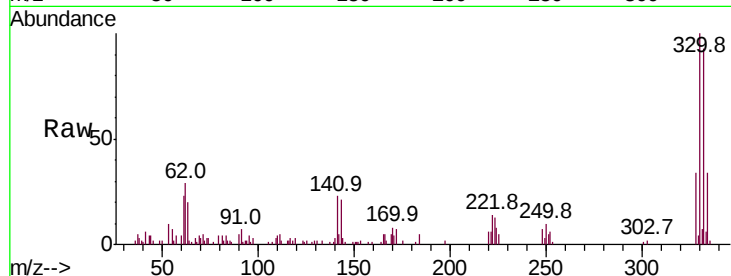




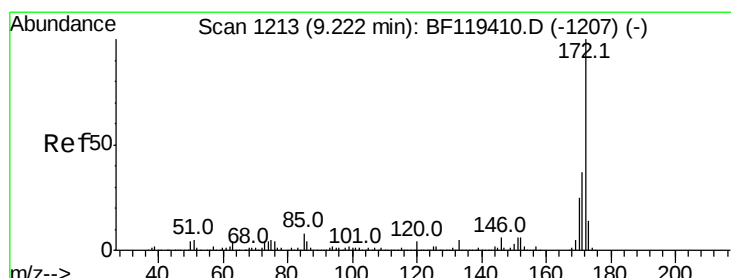
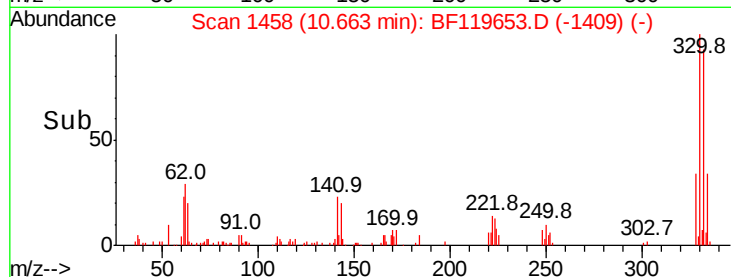
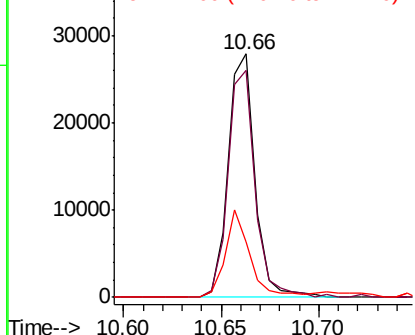
#42
 2,4,6-Tribromophenol
 Concen: 3.926 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF119653.D
 Acq: 31 Mar 2020 15:53

Instrument :
 BNA_F
 ClientSampleId :
 SB-5-(1-3)RE

Tot Ion:330 Resp: 26568
 Ion Ratio Lower Upper
 330 100
 332 94.5 75.7 113.5
 141 32.7 25.4 38.0

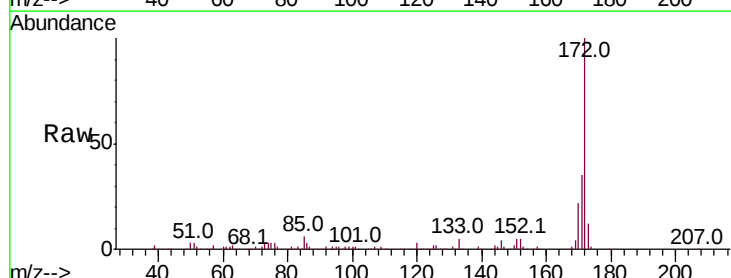


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

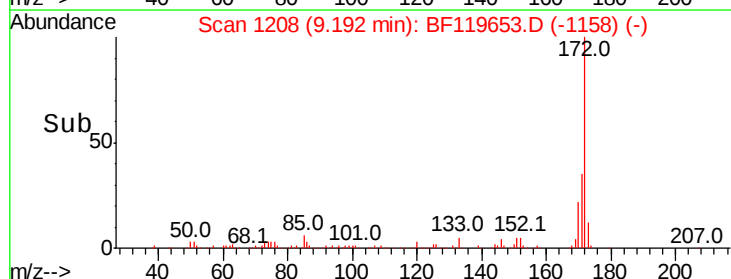
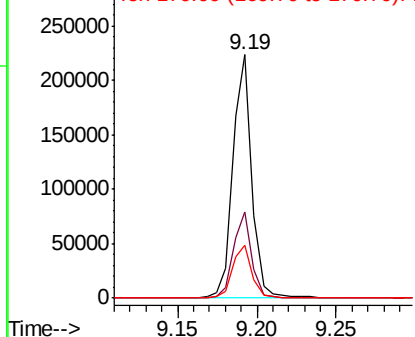


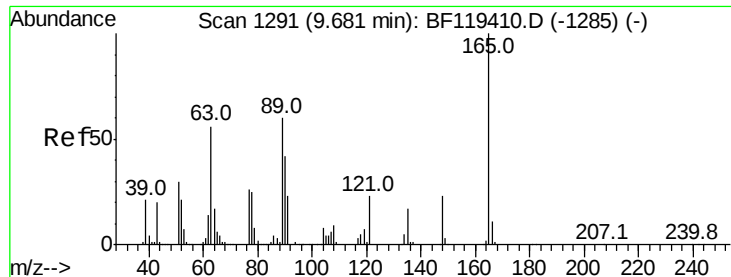
#45
 2-Fluorobiphenyl
 Concen: 4.179 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF119653.D
 Acq: 31 Mar 2020 15:53

Tgt Ion:172 Resp: 185017
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.6 44.4
 170 21.5 20.2 30.2



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

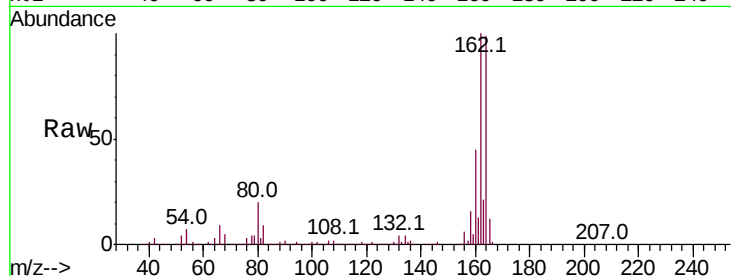




#51
 2,6-Dinitrotoluene
 Concen: 8.388 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. 0.21 min
 Lab File: BF119653.D
 Acq: 31 Mar 2020 15:53

Instrument :
 BNA_F
 ClientSampleId :
 SB-5-(1-3)RE

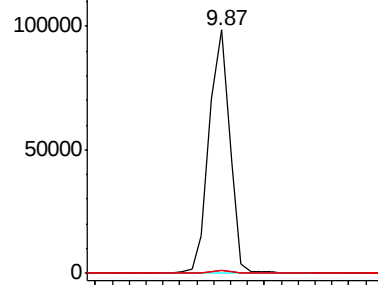
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	45.0	67.4#
89	1.4	41.5	62.3#



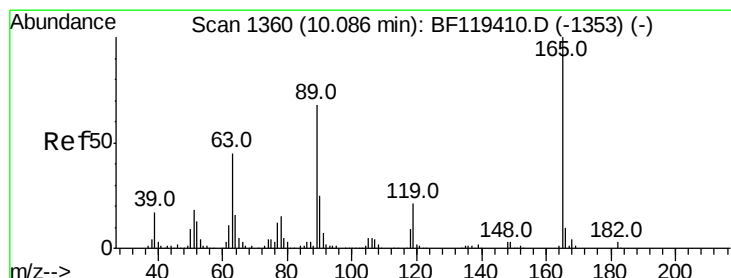
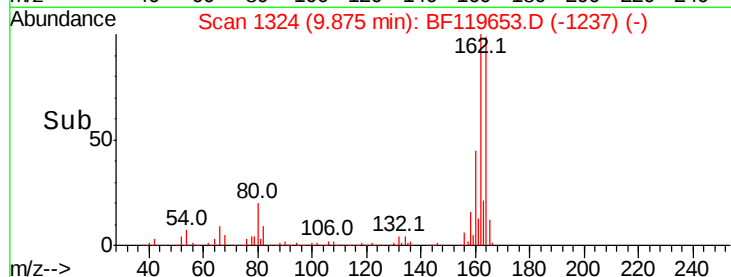
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



Time--> 9.80 9.85 9.90 9.95



#57
 2,4-Dinitrotoluene
 Concen: 6.659 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.19 min
 Lab File: BF119653.D
 Acq: 31 Mar 2020 15:53

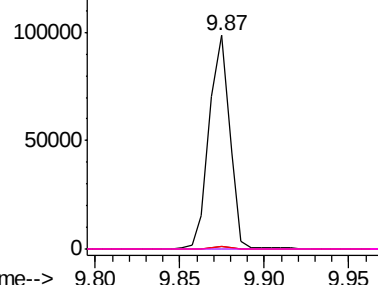
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	42.6	64.0#
89	1.4	61.0	91.4#
182	0.0	2.2	3.2#

Abundance Ion 165.00 (164.70 to 165.70): E

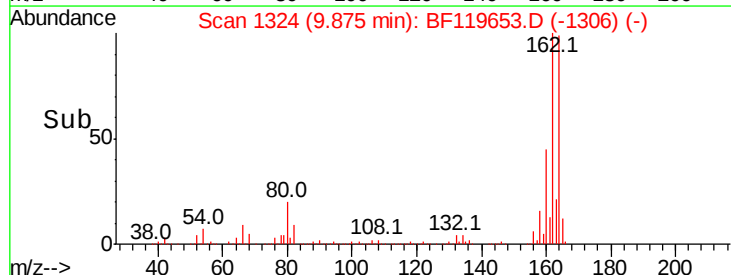
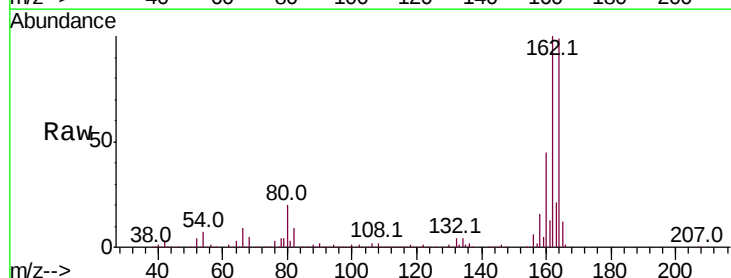
Ion 63.00 (62.70 to 63.70): BF1

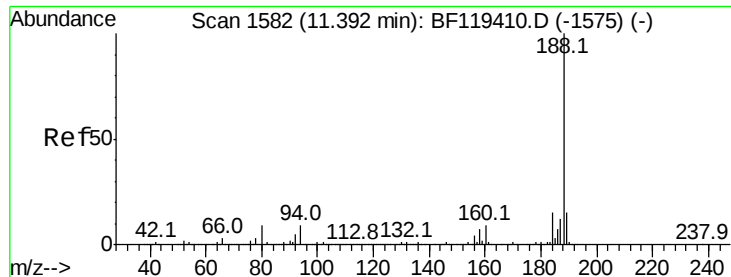
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



Time--> 9.80 9.85 9.90 9.95





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF119653.D

Acq: 31 Mar 2020 15:53

Instrument :

BNA_F

ClientSampleId :

SB-5-(1-3)RE

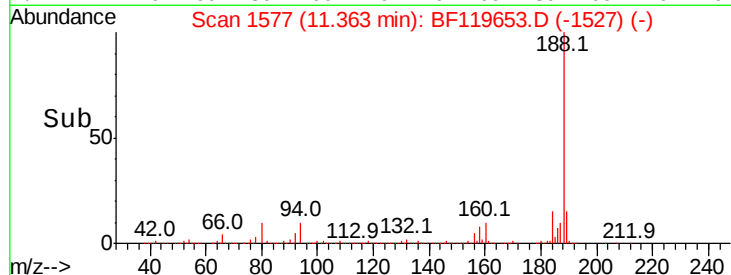
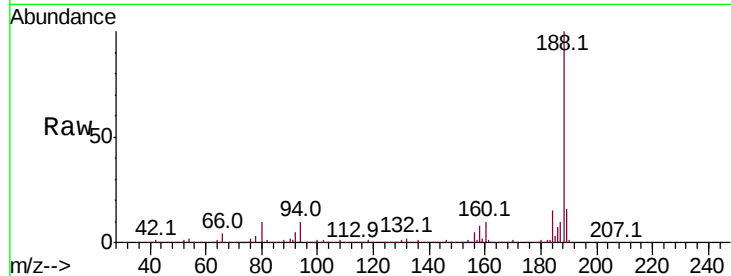
Tot Ion:188 Resp: 1054579

Ion Ratio Lower Upper

188 100

94 9.8 7.5 11.3

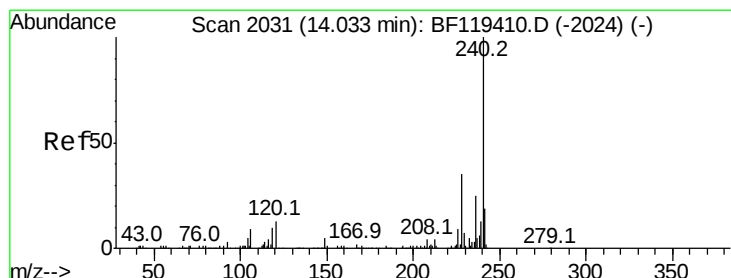
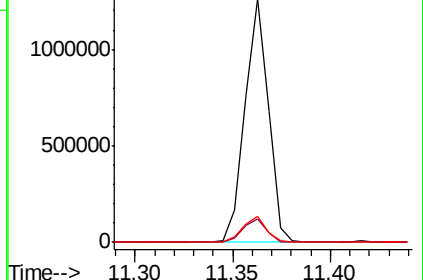
80 10.4 9.0 13.4



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF119653.D

Acq: 31 Mar 2020 15:53

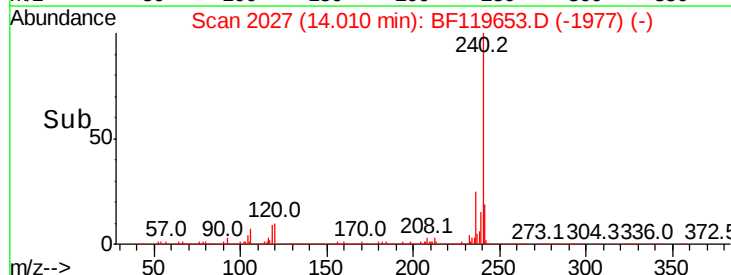
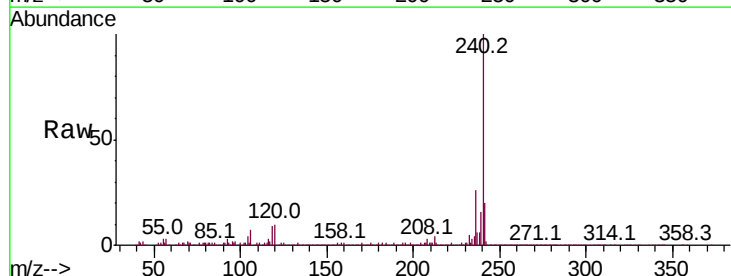
Tgt Ion:240 Resp: 594592

Ion Ratio Lower Upper

240 100

120 10.4 10.6 15.8#

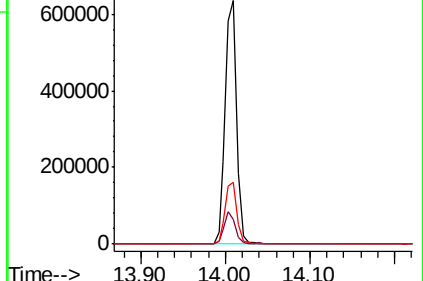
236 25.6 20.2 30.2

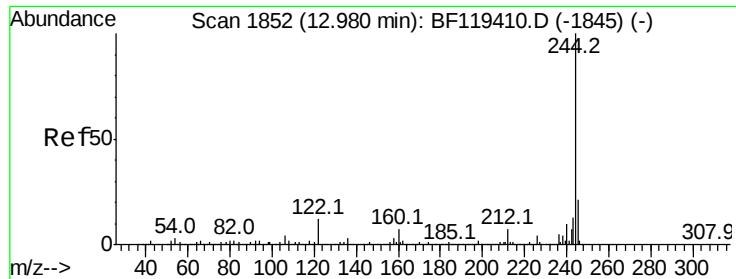


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

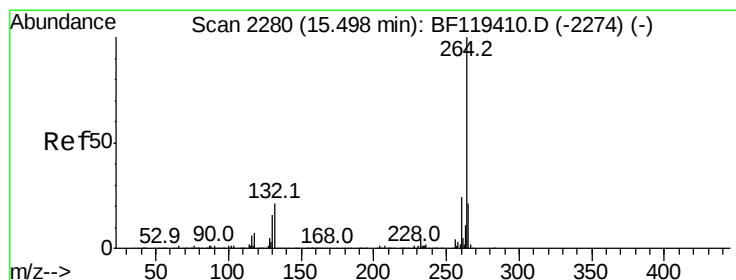
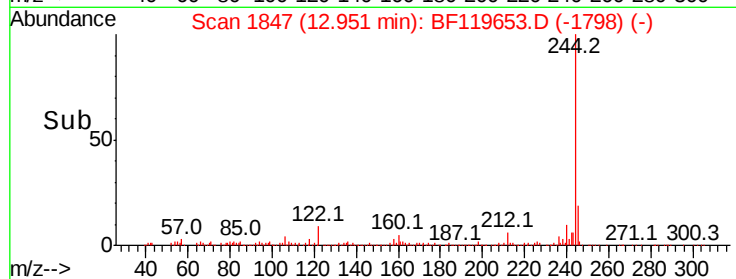
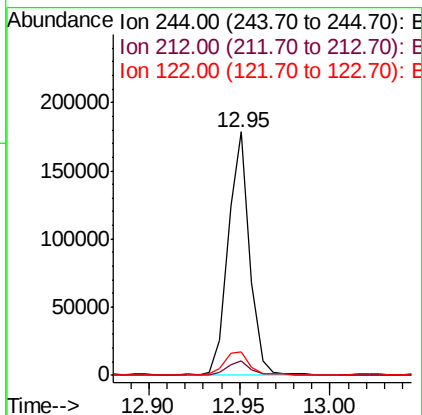
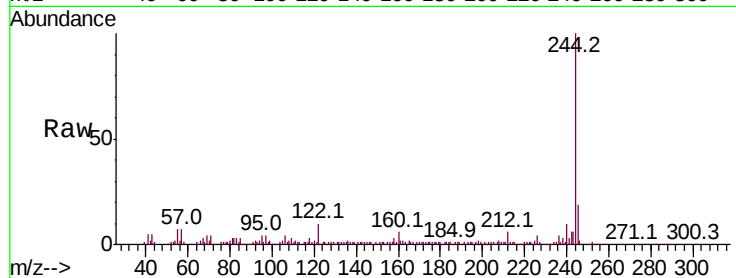




#79
 Terphenyl-d14
 Concen: 4.843 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. -0.01 min
 Lab File: BF119653.D
 Acq: 31 Mar 2020 15:53

Instrument :
 BNA_F
 ClientSampleId :
 SB-5-(1-3)RE

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.8	8.8
122	9.5	10.3	15.5



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2276
 Delta R.T. -0.01 min
 Lab File: BF119653.D
 Acq: 31 Mar 2020 15:53

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.7	28.1
265	22.9	17.7	26.5

