

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
 Data File : BF113099.D
 Acq On : 18 Mar 2019 19:16
 Operator : JU/SJ
 Sample : K1687-09 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-031519-B

Quant Time: Mar 19 05:41:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

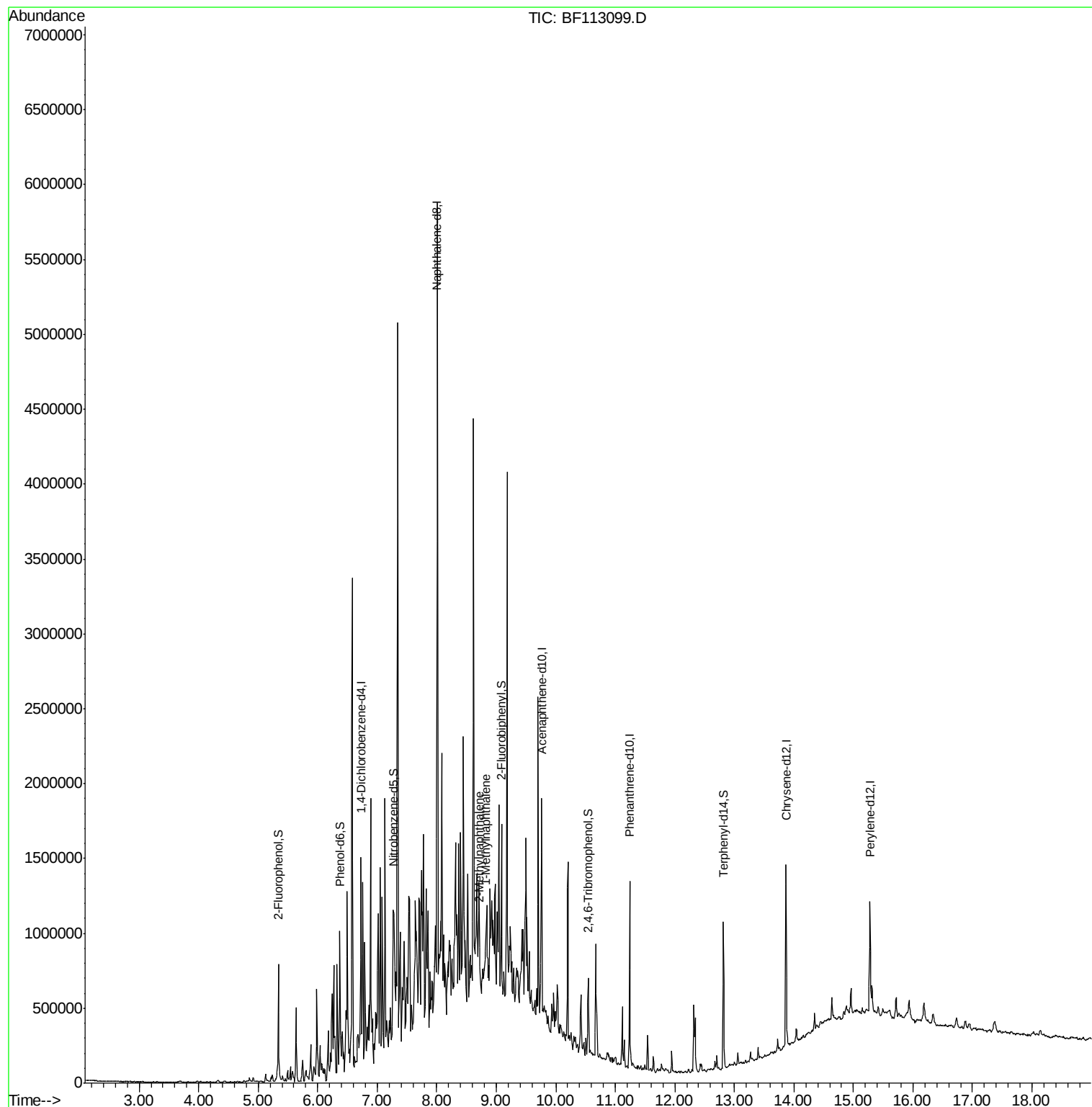
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	153026	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	458682	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	270060	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	489665	20.00	ng	0.00
76) Chrysene-d12	13.87	240	461471	20.00	ng	0.00
87) Perylene-d12	15.28	264	388649	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	235053	23.89	ng	0.00
7) Phenol-d6	6.37	99	315361	25.52	ng	0.00
23) Nitrobenzene-d5	7.29	82	205346	26.79	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	72353	25.24	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	361208	17.32	ng	0.00
79) Terphenyl-d14	12.82	244	338007	14.20	ng	0.00
Target Compounds						
37) 2-Methylnaphthalene	8.73	142	72085	4.902	ng	97
38) 1-Methylnaphthalene	8.82	142	63552	4.461	ng	# 99

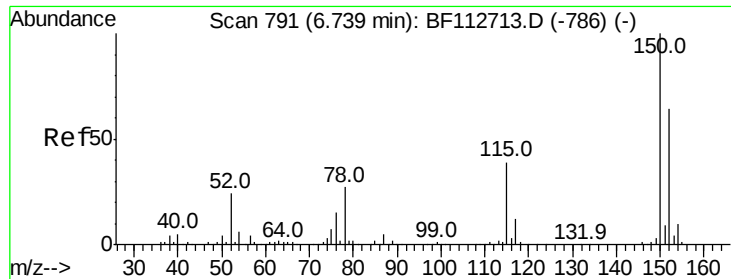
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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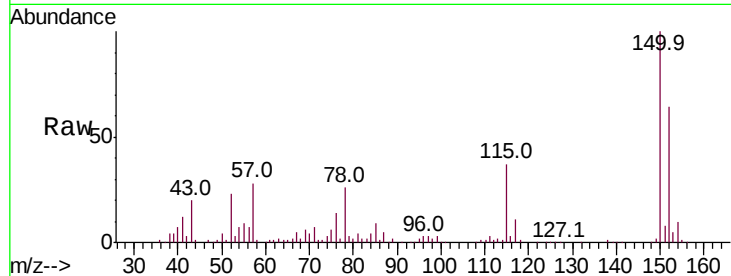


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF113099.D
Acq: 18 Mar 2019 19:16

Instrument :
BNA_F
ClientSampleId :
HR-05-031519-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.2	186.2
115	58.6	48.2	72.4

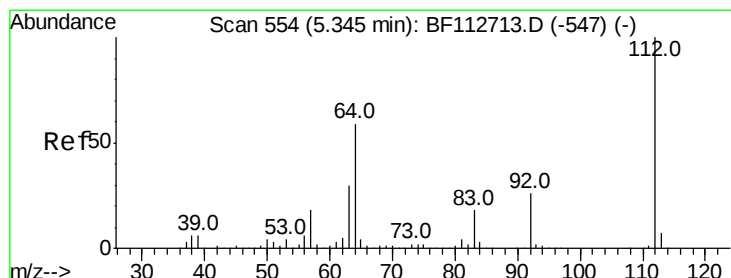
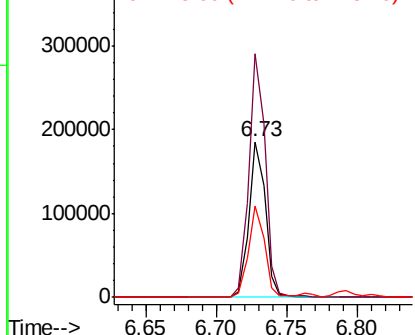
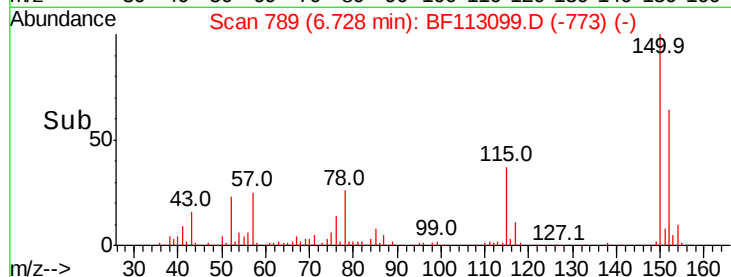


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

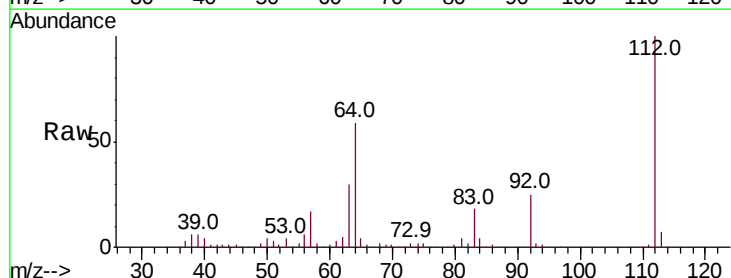
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 23.894 ng
RT: 5.34 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF113099.D
Acq: 18 Mar 2019 19:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.3	47.6	71.4
63	29.6	24.4	36.6

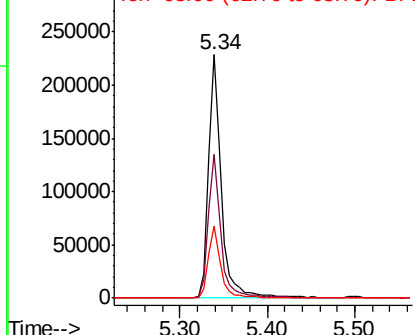
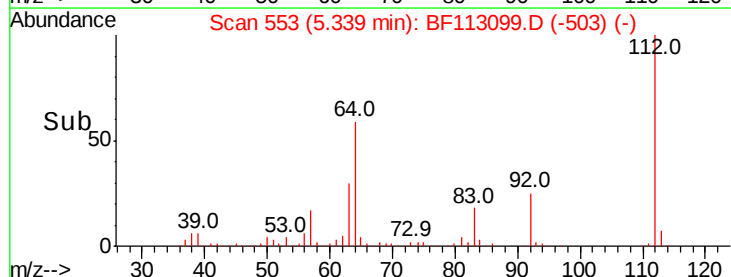


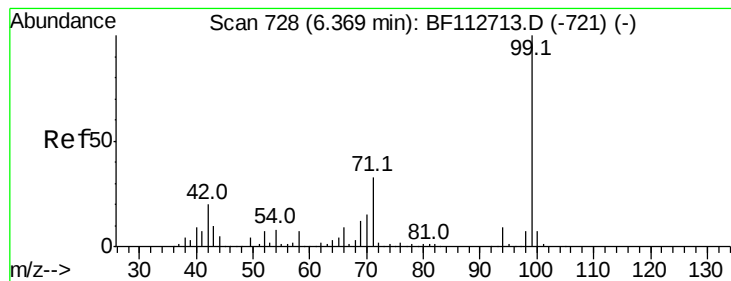
Abundance

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: 25.520 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF113099.D

Acq: 18 Mar 2019 19:16

Instrument :

BNA_F

ClientSampleId :

HR-05-031519-B

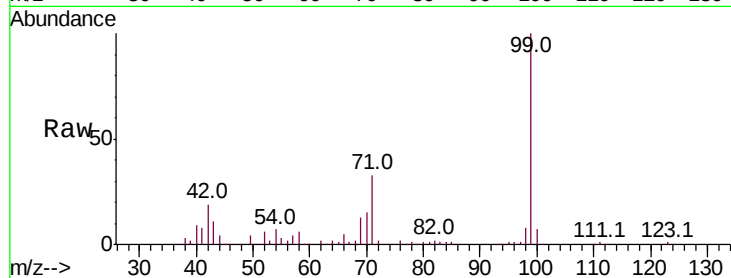
Tot Ion: 99 Resp: 315361

Ion Ratio Lower Upper

99 100

42 18.6 16.3 24.5

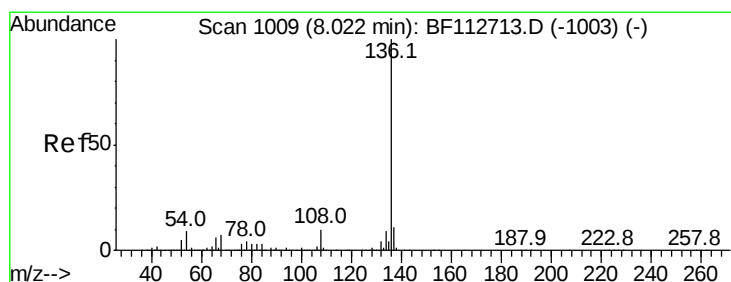
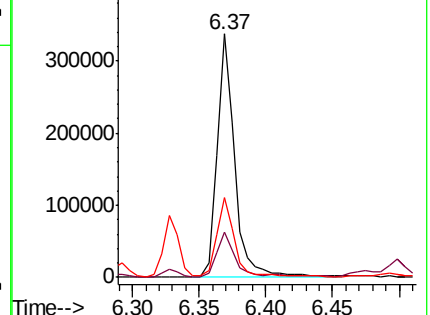
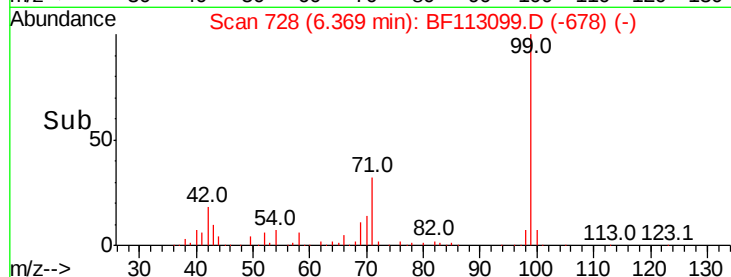
71 32.6 26.2 39.4



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: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF113099.D

Acq: 18 Mar 2019 19:16

Tgt Ion: 136 Resp: 458682

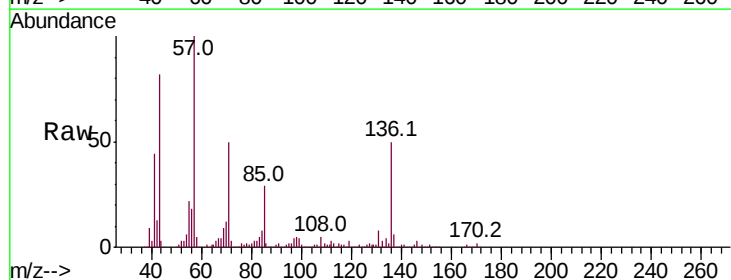
Ion Ratio Lower Upper

136 100

137 11.6 8.9 13.3

54 12.4 7.3 10.9#

68 9.0 5.4 8.2#

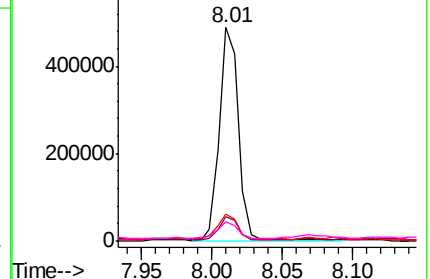
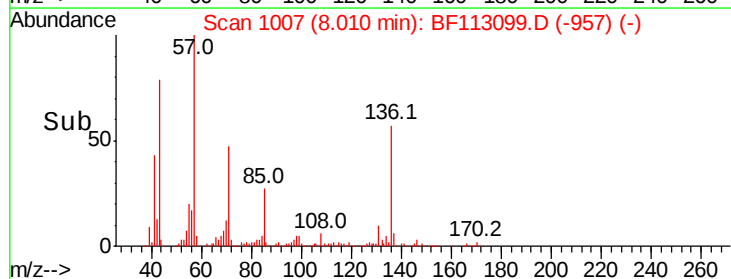


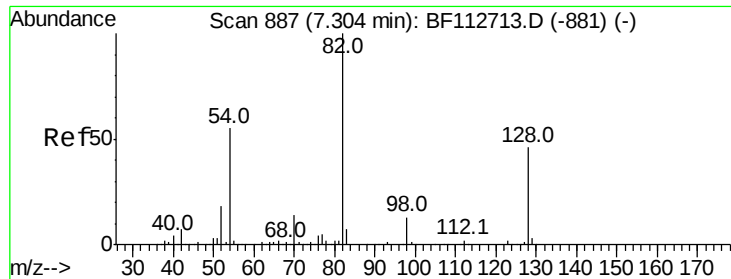
Abundance Ion 136.00 (135.70 to 136.70): E

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

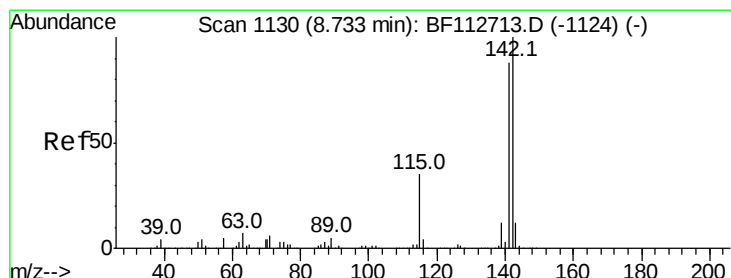
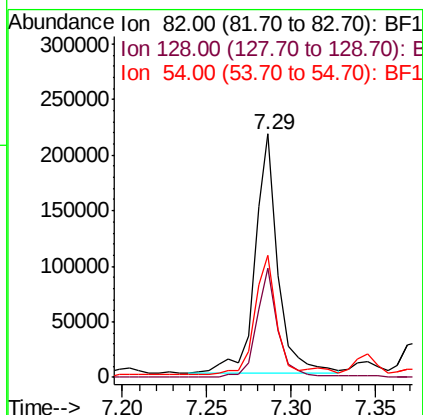
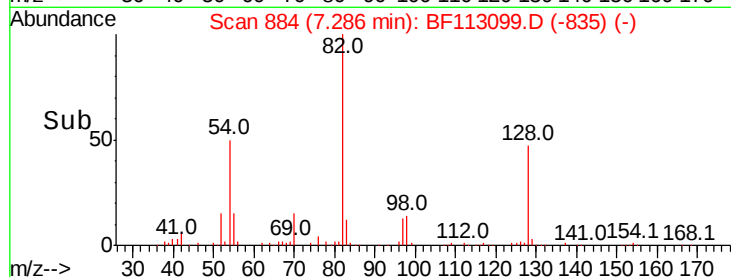
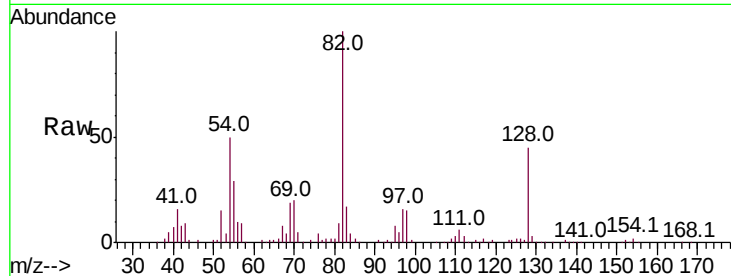




#23
 Nitrobenzene-d5
 Concen: 26.789 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF113099.D
 Acq: 18 Mar 2019 19:16

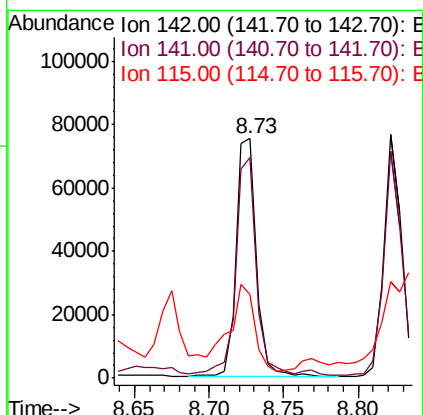
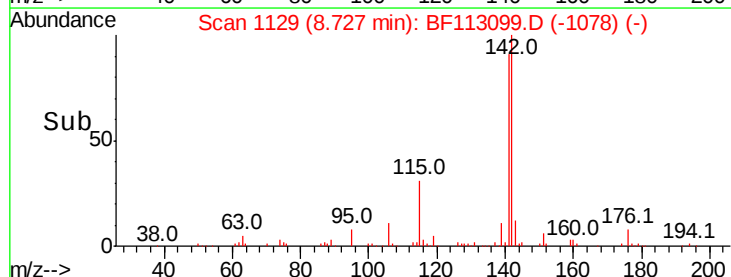
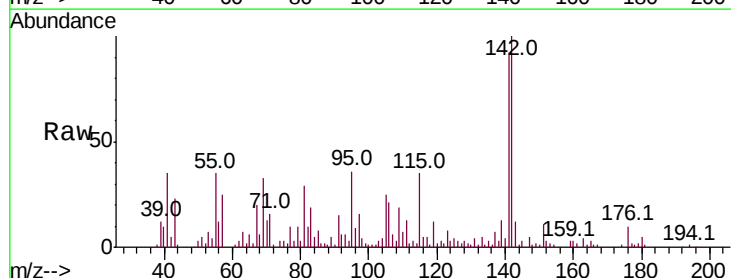
Instrument :
 BNA_F
 ClientSampleId :
 HR-05-031519-B

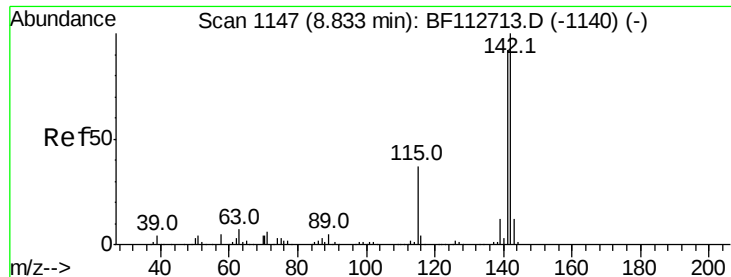
Tot Ion: 82 Resp: 205346
 Ion Ratio Lower Upper
 82 100
 128 45.0 36.3 54.5
 54 50.0 43.7 65.5



#37
 2-Methylnaphthalene
 Concen: 4.902 ng
 RT: 8.73 min Scan# 1129
 Delta R.T. -0.00 min
 Lab File: BF113099.D
 Acq: 18 Mar 2019 19:16

Tgt Ion: 142 Resp: 72085
 Ion Ratio Lower Upper
 142 100
 141 91.9 70.3 105.5
 115 35.1 27.8 41.6

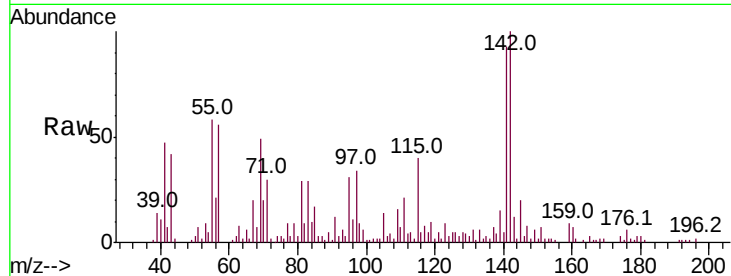




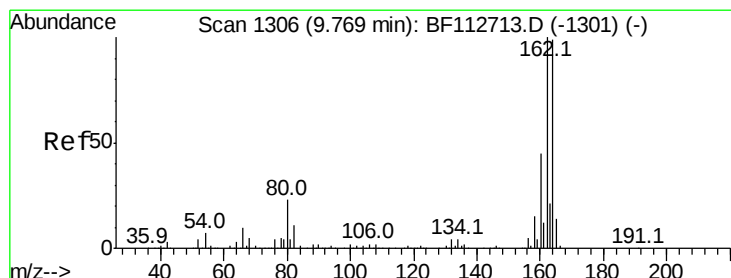
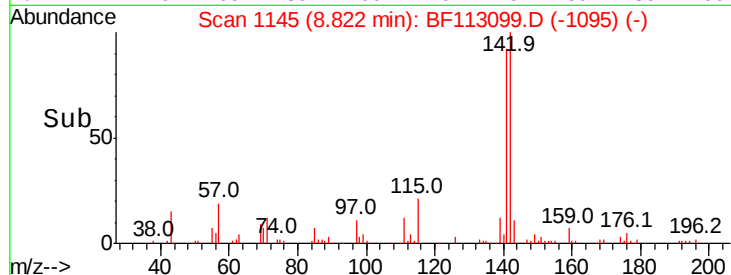
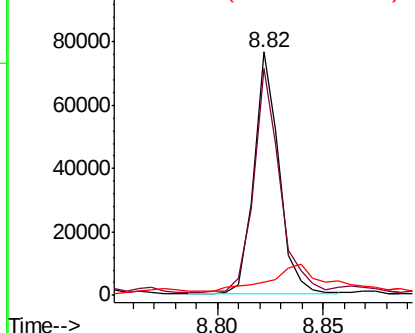
#38
1-Methylnaphthalene
Concen: 4.461 ng
RT: 8.82 min Scan# 1145
Delta R.T. -0.01 min
Lab File: BF113099.D
Acq: 18 Mar 2019 19:16

Instrument :
BNA_F
ClientSampleId :
HR-05-031519-B

Tot Ion:142 Resp: 63552
Ion Ratio Lower Upper
142 100
141 93.4 73.7 110.5
116 5.2 3.1 4.7#

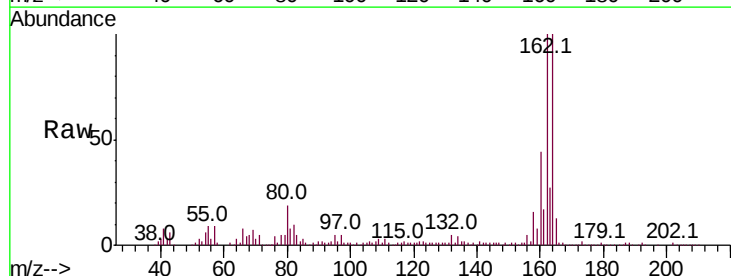


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

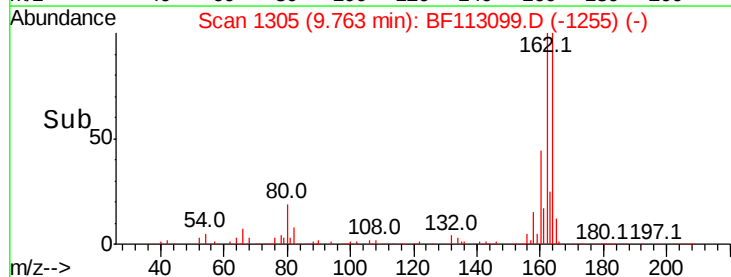
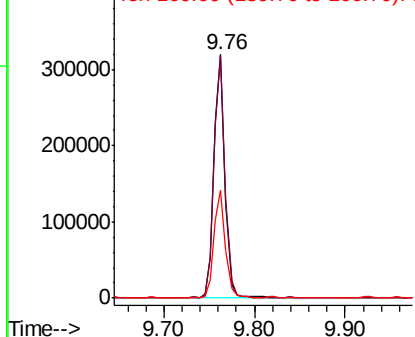


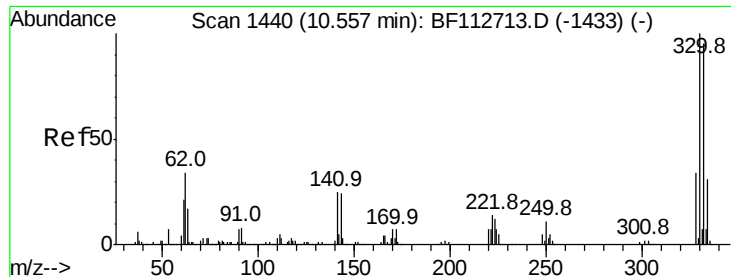
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF113099.D
Acq: 18 Mar 2019 19:16

Tgt Ion:164 Resp: 270060
Ion Ratio Lower Upper
164 100
162 99.5 80.6 120.8
160 44.4 36.0 54.0



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

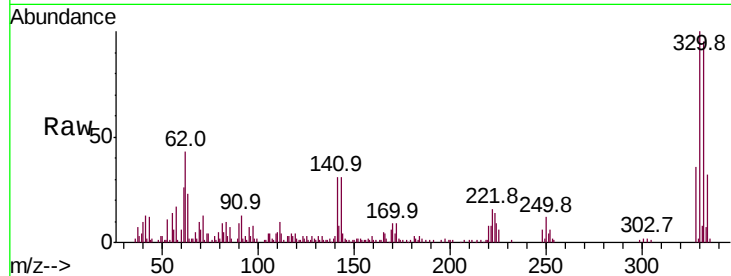




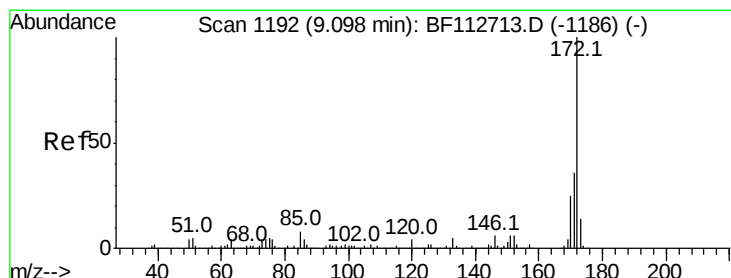
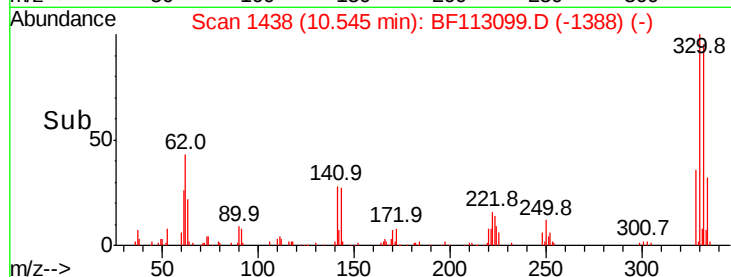
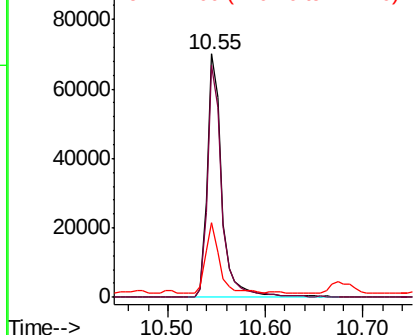
#42
 2,4,6-Tribromophenol
 Concen: 25.236 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF113099.D
 Acq: 18 Mar 2019 19:16

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-031519-B

Tot Ion:330 Resp: 72353
 Ion Ratio Lower Upper
 330 100
 332 94.6 76.2 114.4
 141 26.5 27.0 40.6#

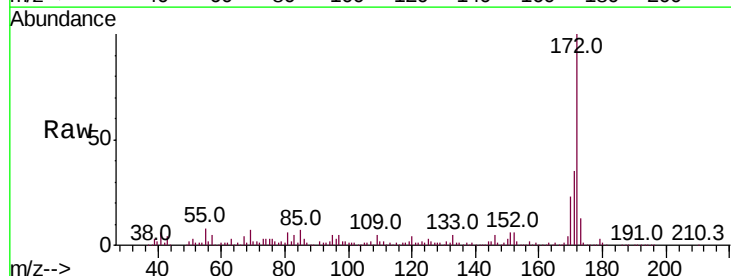


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

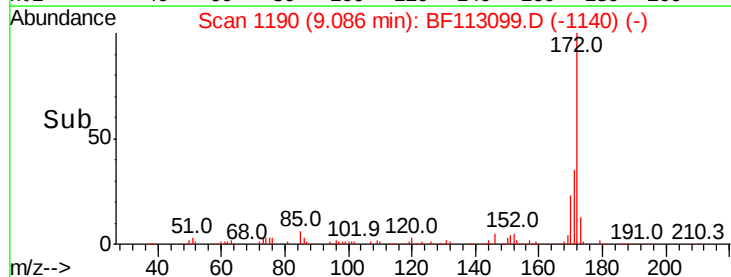
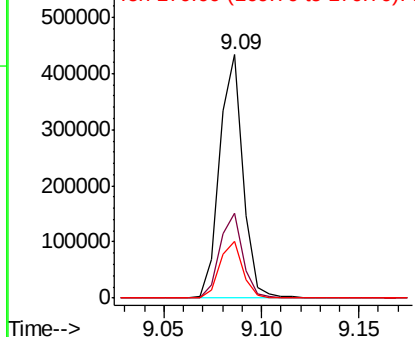


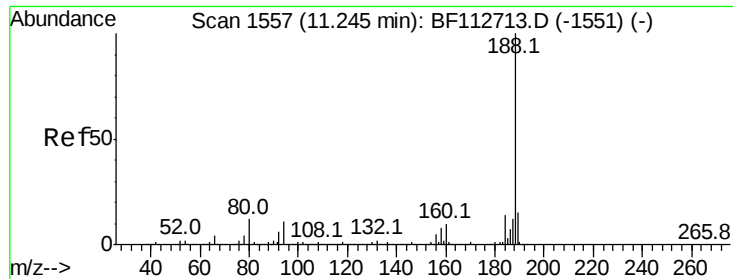
#45
 2-Fluorobiphenyl
 Concen: 17.317 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF113099.D
 Acq: 18 Mar 2019 19:16

Tgt Ion:172 Resp: 361208
 Ion Ratio Lower Upper
 172 100
 171 34.7 29.0 43.4
 170 23.2 20.0 30.0



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

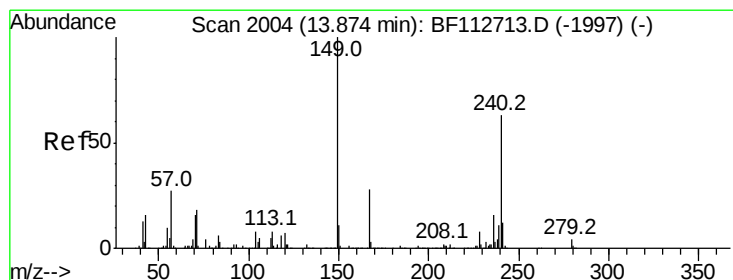
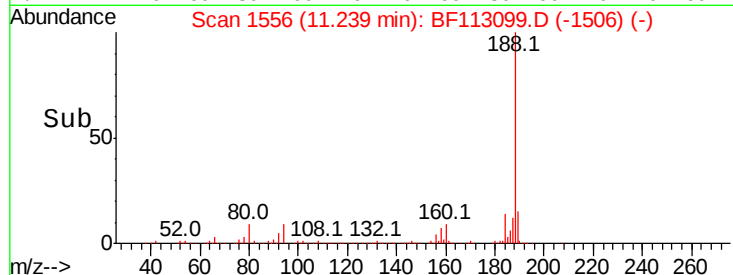
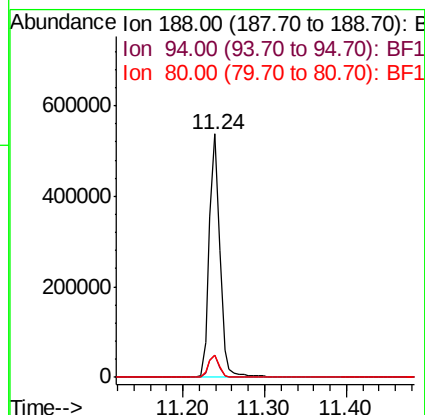
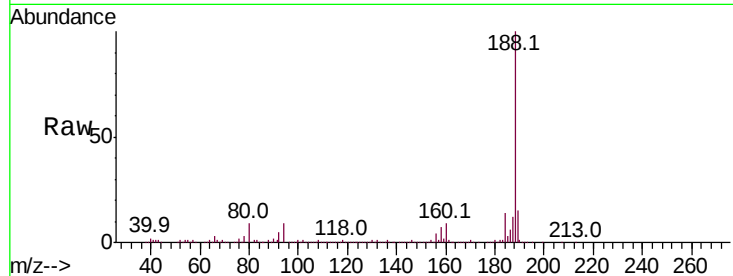




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF113099.D
Acq: 18 Mar 2019 19:16

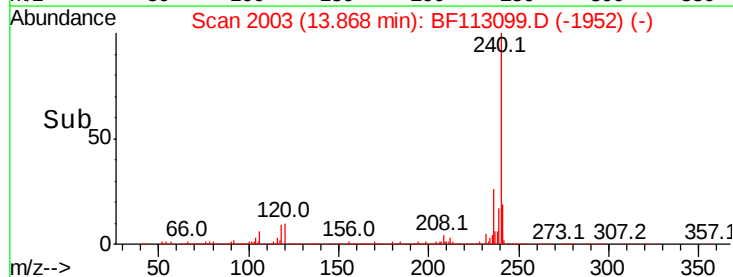
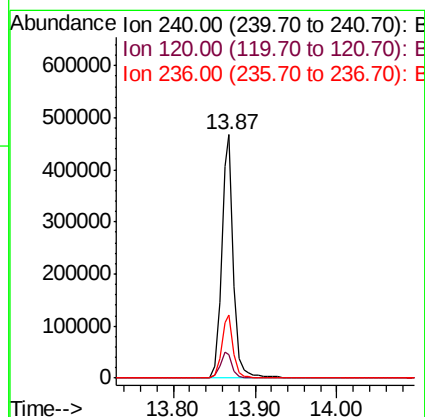
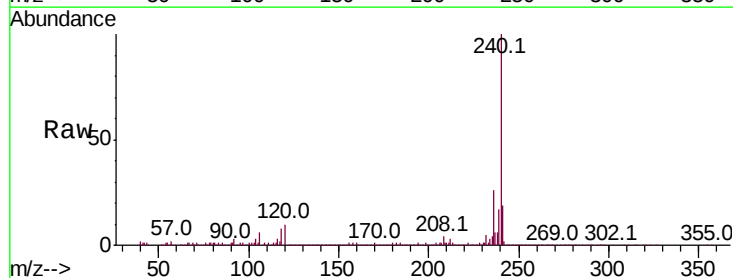
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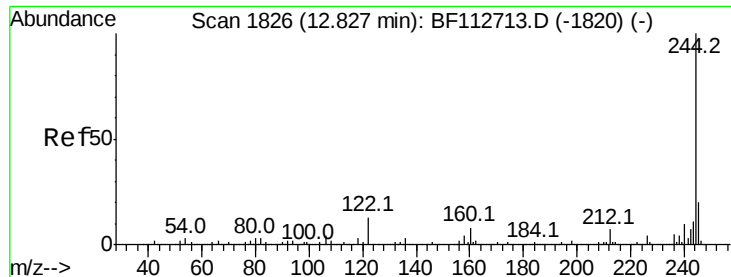
Tot Ion:188 Resp: 489665
Ion Ratio Lower Upper
188 100
94 9.0 9.0 13.4
80 9.1 9.2 13.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BF113099.D
Acq: 18 Mar 2019 19:16

Tgt Ion:240 Resp: 461471
Ion Ratio Lower Upper
240 100
120 9.8 8.9 13.3
236 26.1 20.7 31.1

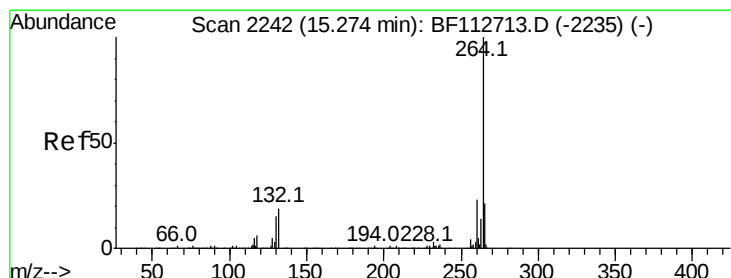
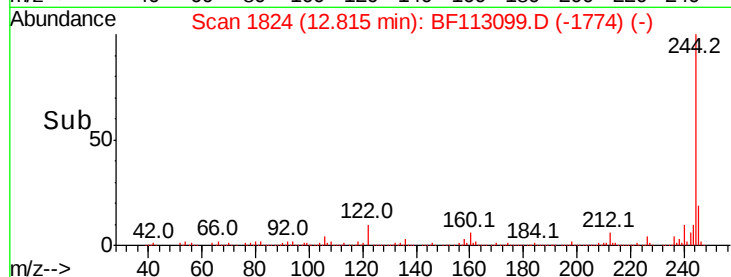
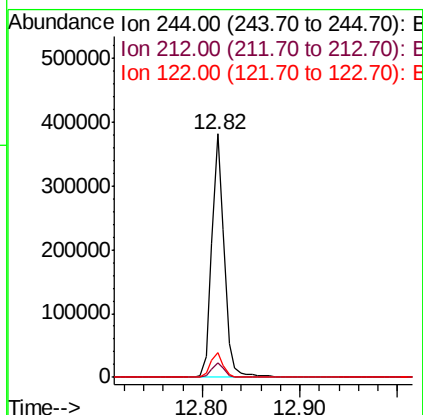
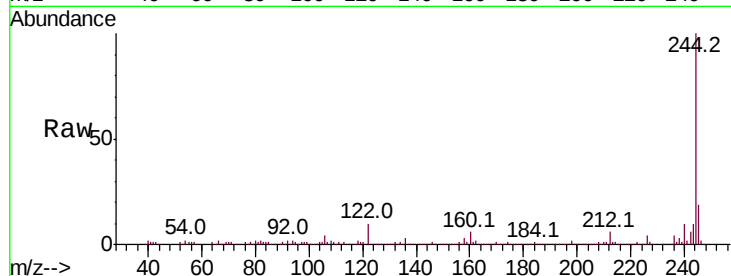




#79
 Terphenyl-d14
 Concen: 14.199 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: BF113099.D
 Acq: 18 Mar 2019 19:16

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-031519-B

Tot Ion:244 Resp: 338007
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.6 8.4
 122 10.1 10.5 15.7#



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.28 min Scan# 2243
 Delta R.T. 0.01 min
 Lab File: BF113099.D
 Acq: 18 Mar 2019 19:16

Tgt Ion:264 Resp: 388649
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.7 28.1
 265 22.0 17.2 25.8

