

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022119\
 Data File : BF112654.D
 Acq On : 21 Feb 2019 15:56
 Operator : JU/SJ
 Sample : K1344-01 10X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-022019-A

Quant Time: Feb 21 21:48:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

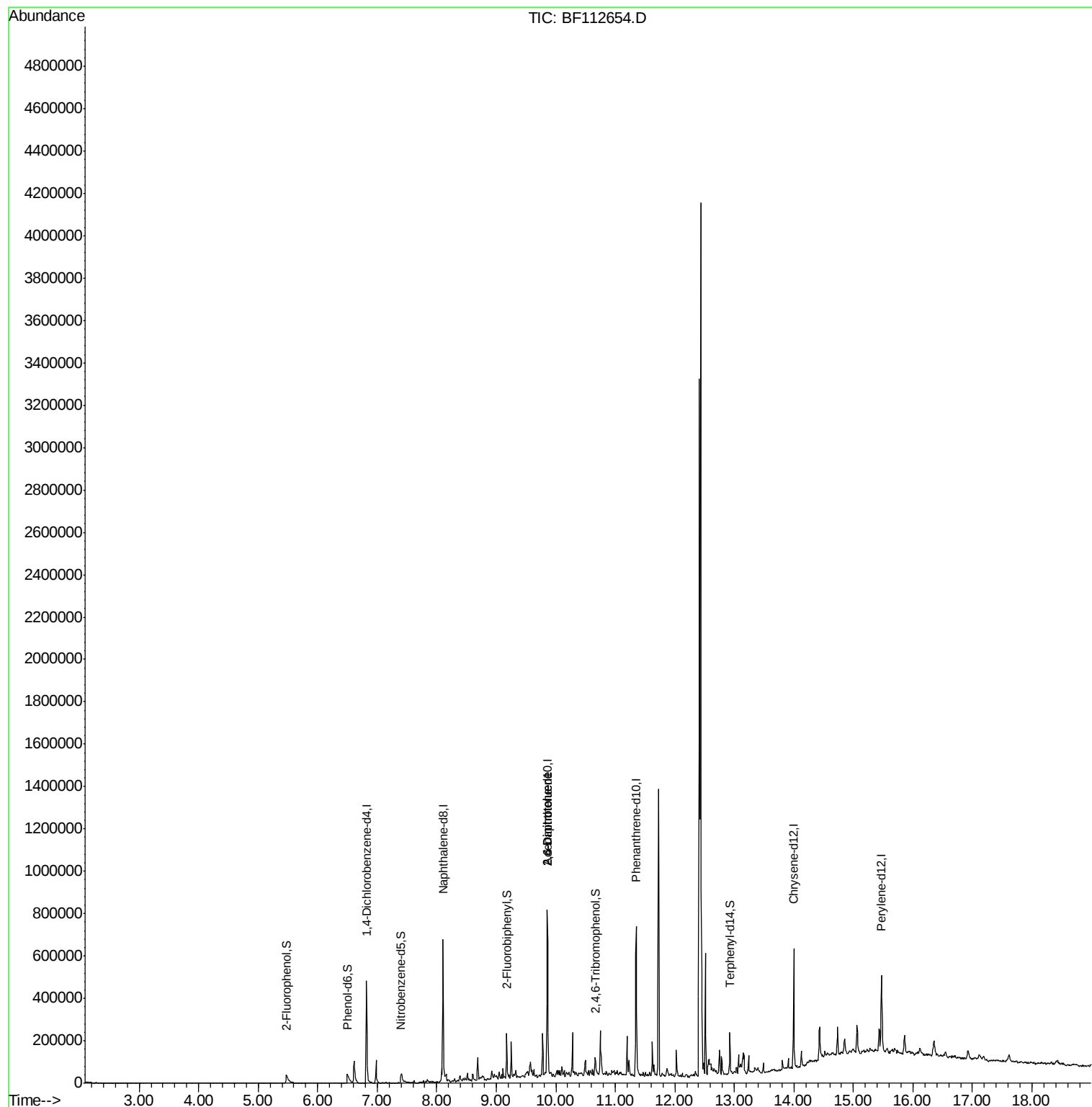
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	81301	20.00	ng	-0.02
21) Naphthalene-d8	8.10	136	337925	20.00	ng	-0.02
39) Acenaphthene-d10	9.86	164	158768	20.00	ng	-0.03
64) Phenanthrene-d10	11.35	188	272263	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	193235	20.00	ng	-0.01
87) Perylene-d12	15.47	264	185455	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	28913	7.55	ng	0.00
7) Phenol-d6	6.50	99	46064	8.66	ng	0.00
23) Nitrobenzene-d5	7.40	82	31194	5.32	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	13440	7.27	ng	-0.02
45) 2-Fluorobiphenyl	9.17	172	73828	6.58	ng	-0.03
79) Terphenyl-d14	12.93	244	62100	6.05	ng	-0.02
Target Compounds						
51) 2,6-Dinitrotoluene	9.86	165	21398	7.745	ng	# 35
57) 2,4-Dinitrotoluene	9.86	165	21398	6.084	ng	# 32

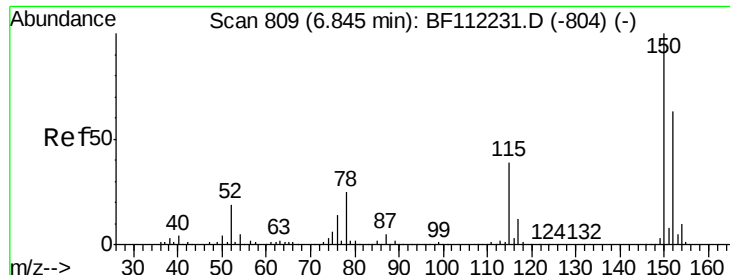
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.82 min Scan# 805

Delta R.T. -0.02 min

Lab File: BF112654.D

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Instrument :

BNA_F

ClientSampleId :

NB-08-022019-A

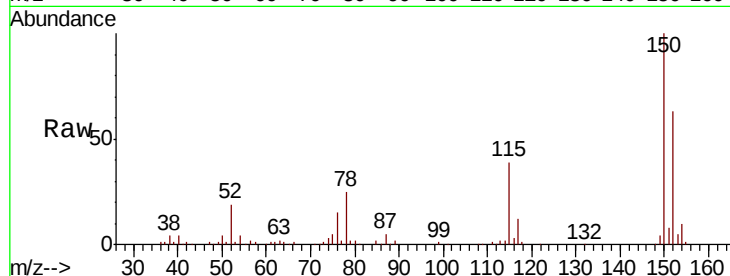
Tgt Ion:152 Resp: 81301

Ion Ratio Lower Upper

152 100

150 159.4 127.4 191.0

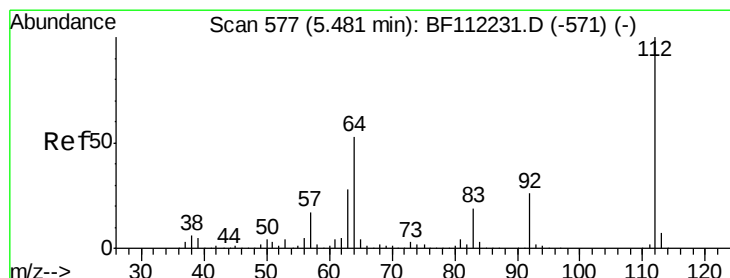
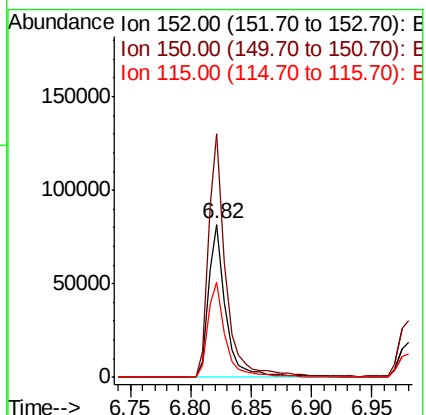
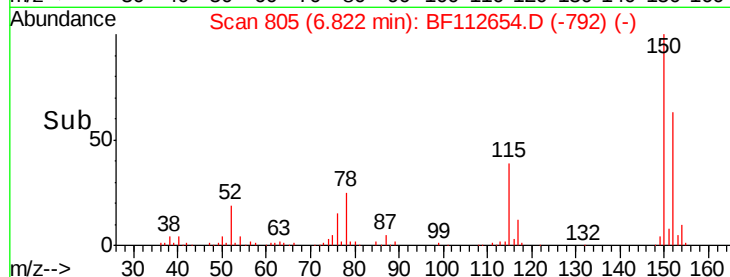
115 62.0 45.5 68.3



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: 7.554 ng

RT: 5.47 min Scan# 576

Delta R.T. -0.01 min

Lab File: BF112654.D

Acq: 21 Feb 2019 15:56

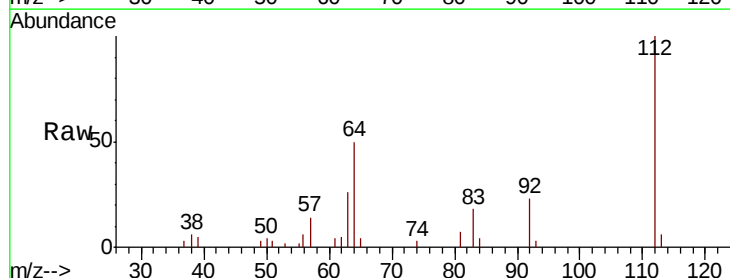
Tgt Ion:112 Resp: 28913

Ion Ratio Lower Upper

112 100

64 50.2 45.7 68.5

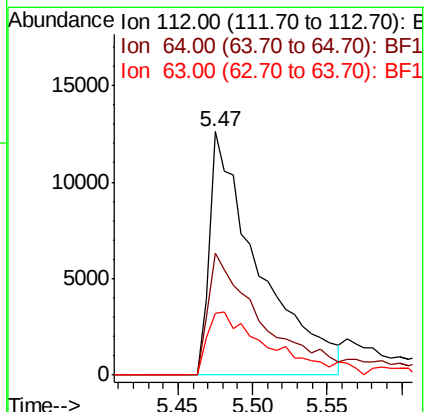
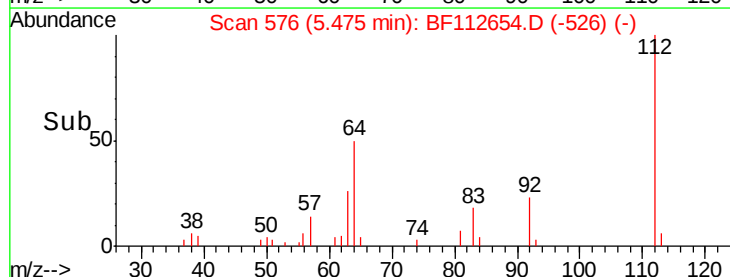
63 25.5 23.6 35.4

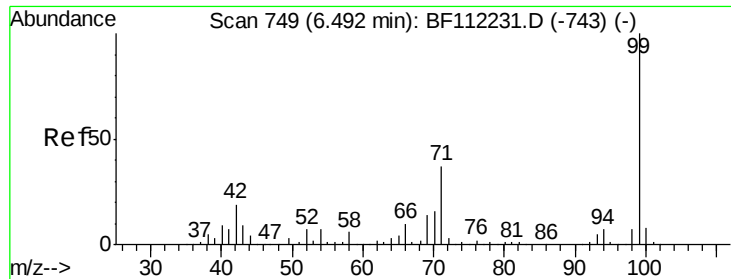


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 8.661 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF112654.D

Acq: 21 Feb 2019 15:56

Instrument :

BNA_F

ClientSampleId :

NB-08-022019-A

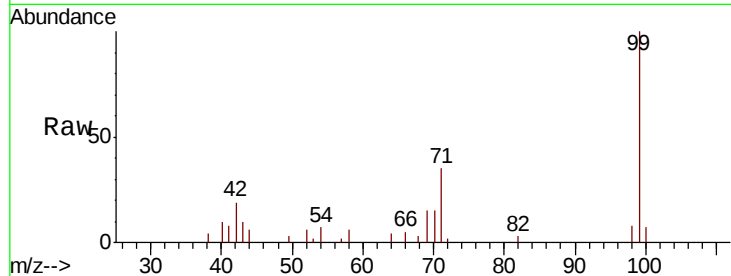
Tgt Ion: 99 Resp: 46064

Ion Ratio Lower Upper

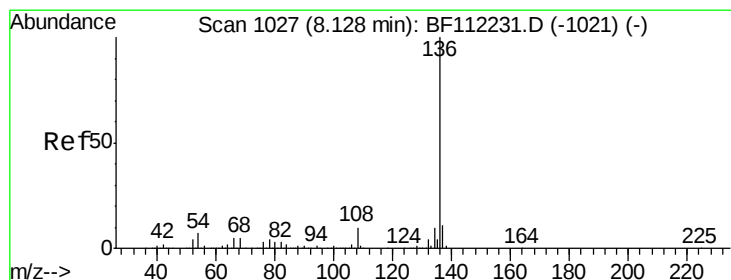
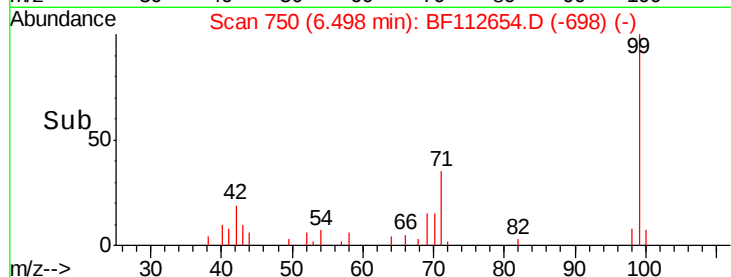
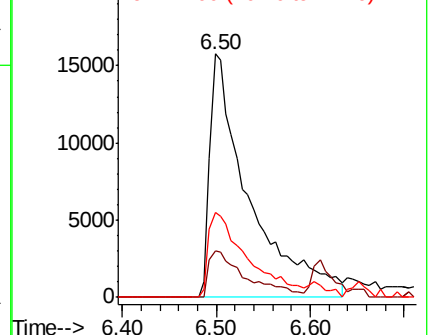
99 100

42 18.9 15.1 22.7

71 35.1 26.9 40.3



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: 8.10 min Scan# 1023

Delta R.T. -0.02 min

Lab File: BF112654.D

Acq: 21 Feb 2019 15:56

Tgt Ion: 136 Resp: 337925

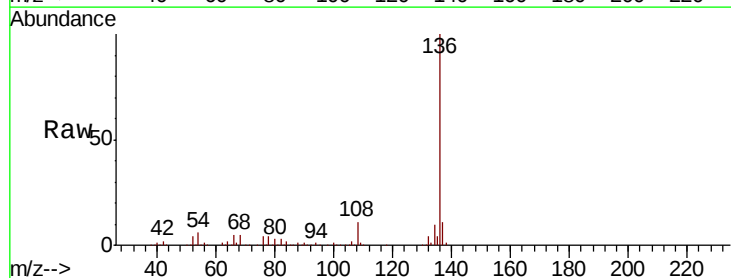
Ion Ratio Lower Upper

136 100

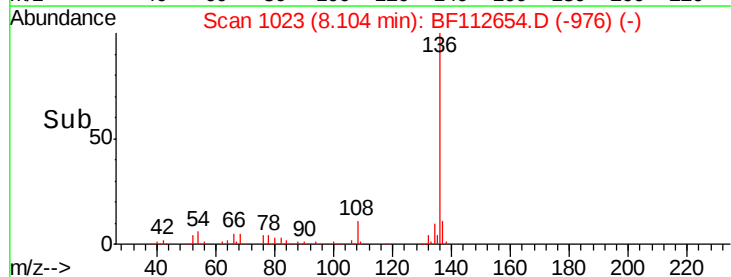
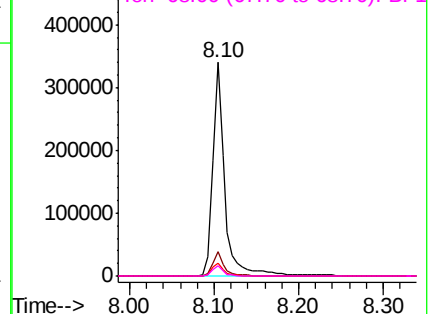
137 11.2 9.1 13.7

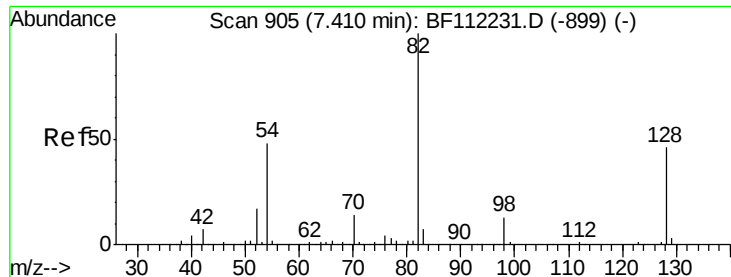
54 5.8 5.9 8.9#

68 4.6 5.1 7.7#



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

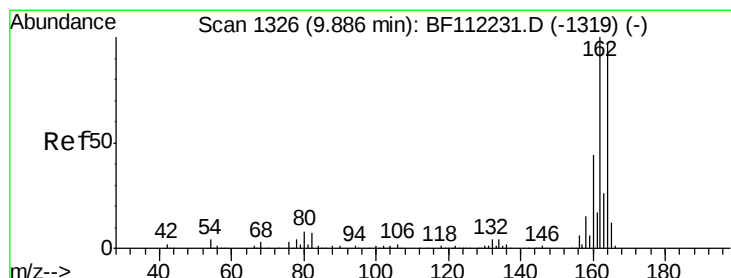
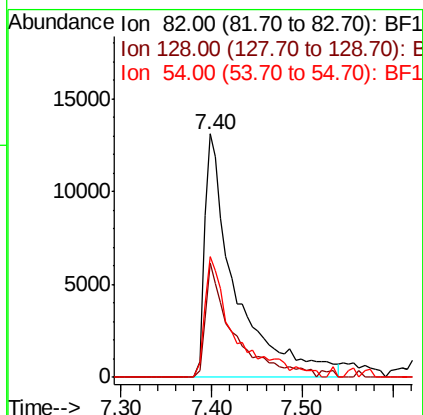
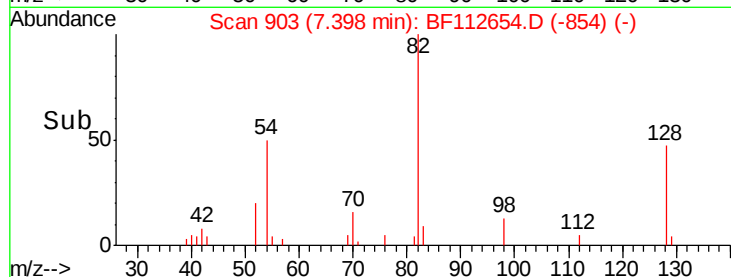
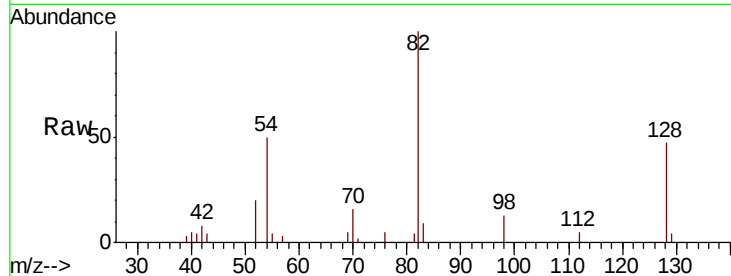




#23
 Nitrobenzene-d5
 Concen: 5.319 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF112654.D
 Acq: 21 Feb 2019 15:56

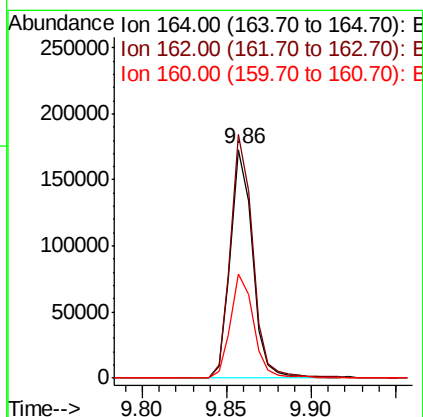
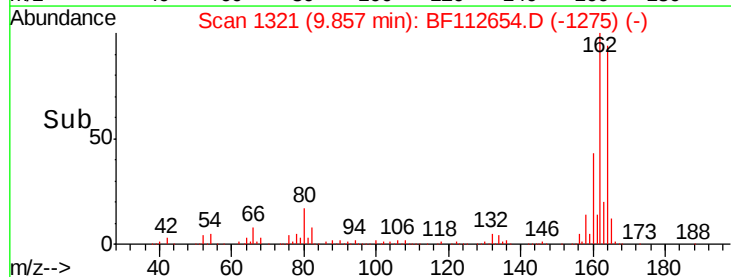
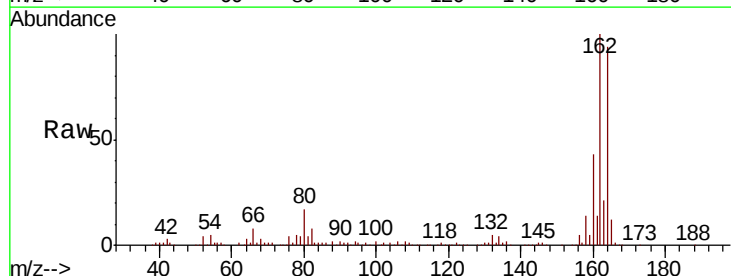
Instrument :
 BNA_F
 ClientSampleId :
 NB-08-022019-A

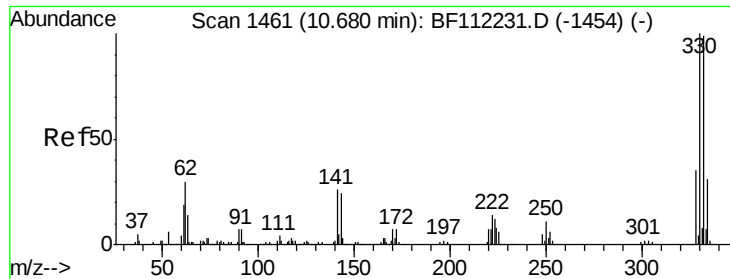
Tgt Ion: 82 Resp: 31194
 Ion Ratio Lower Upper
 82 100
 128 46.8 37.8 56.8
 54 49.6 39.7 59.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.03 min
 Lab File: BF112654.D
 Acq: 21 Feb 2019 15:56

Tgt Ion: 164 Resp: 158768
 Ion Ratio Lower Upper
 164 100
 162 106.5 82.2 123.4
 160 45.7 36.2 54.4

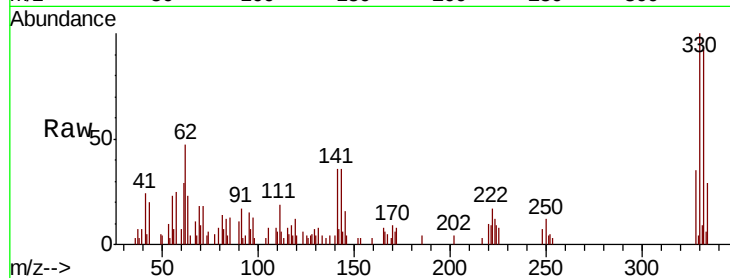




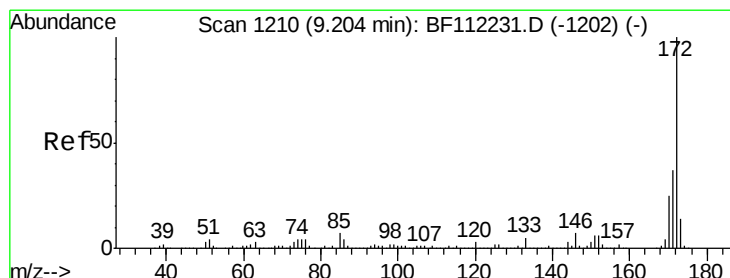
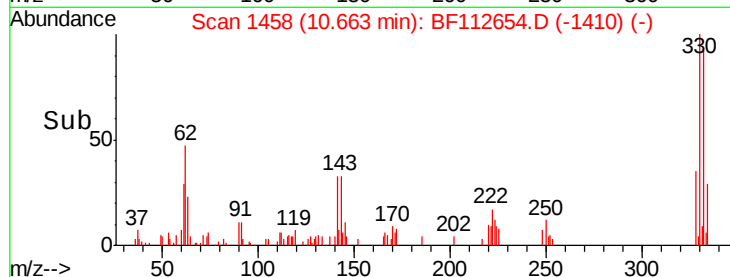
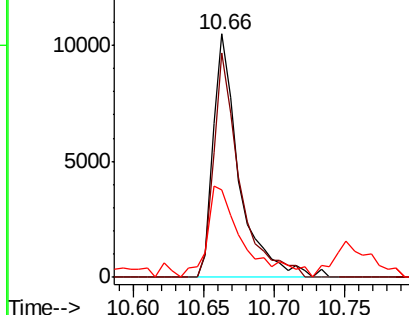
#42
 2,4,6-Tribromophenol
 Concen: 7.273 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.02 min
 Lab File: BF112654.D
 Acq: 21 Feb 2019 15:56

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-022019-A

Tgt Ion	Ratio	Lower	Upper
330	100		
332	91.6	76.6	114.8
141	51.1	24.3	36.5#

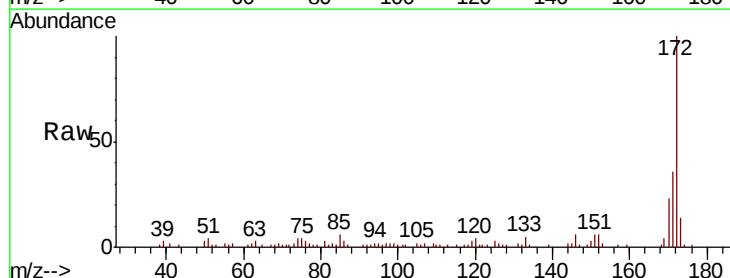


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

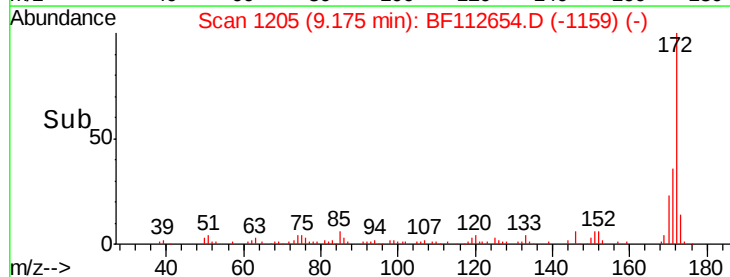
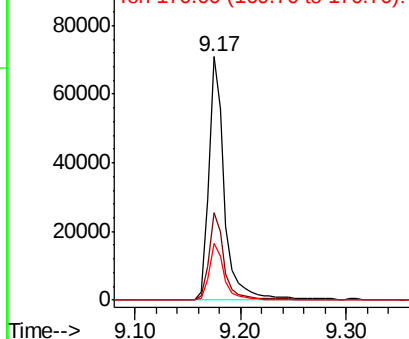


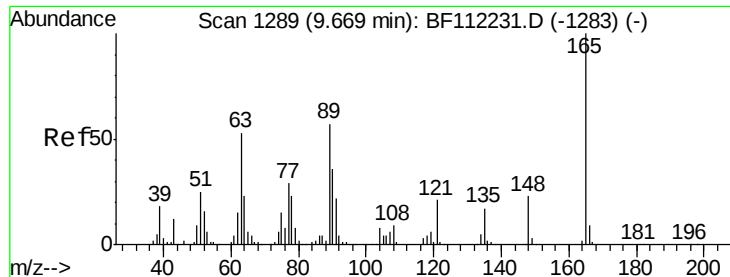
#45
 2-Fluorobiphenyl
 Concen: 6.577 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.03 min
 Lab File: BF112654.D
 Acq: 21 Feb 2019 15:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	30.5	45.7
170	23.3	20.2	30.4



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

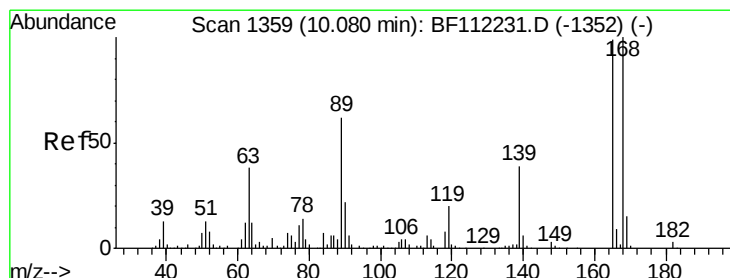
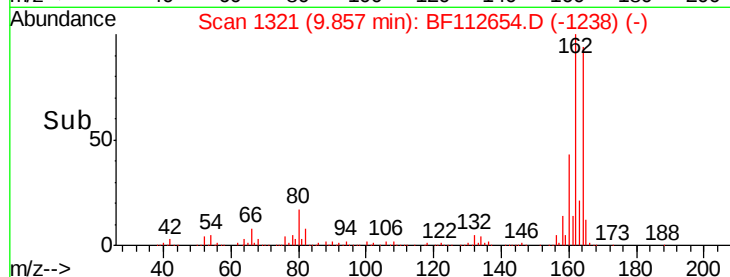
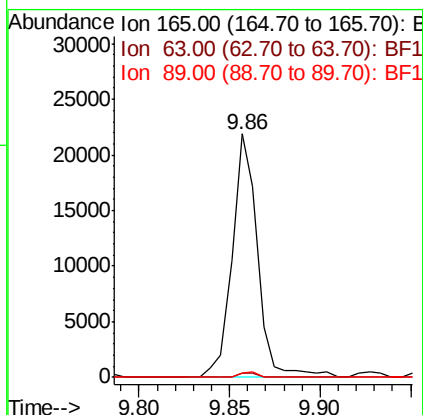
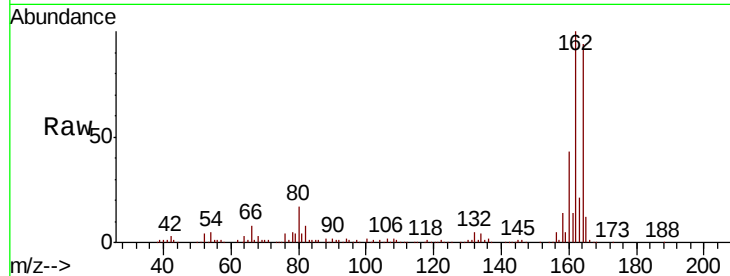




#51
 2,6-Dinitrotoluene
 Concen: 7.745 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. 0.19 min
 Lab File: BF112654.D
 Acq: 21 Feb 2019 15:56

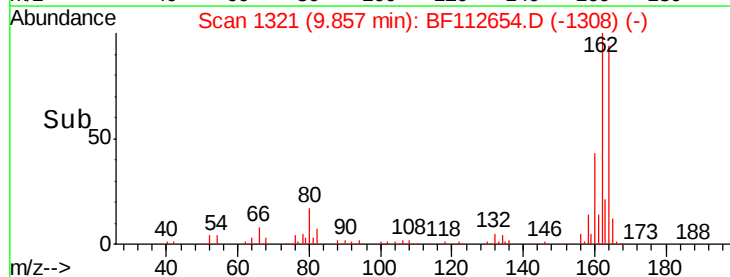
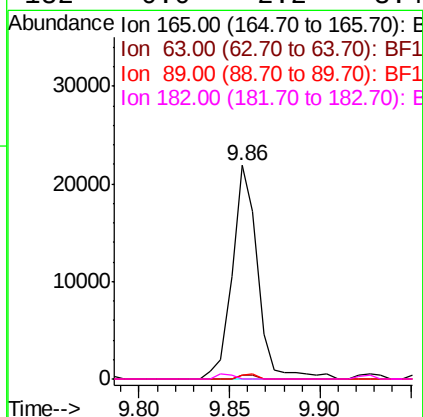
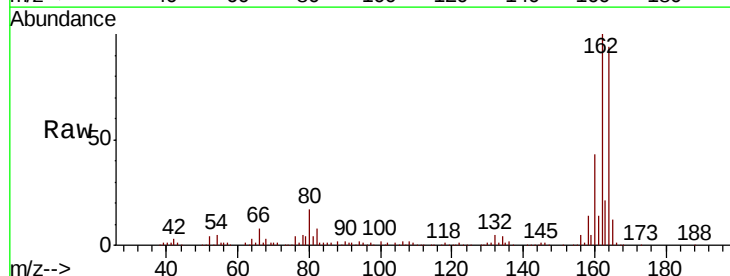
Instrument :
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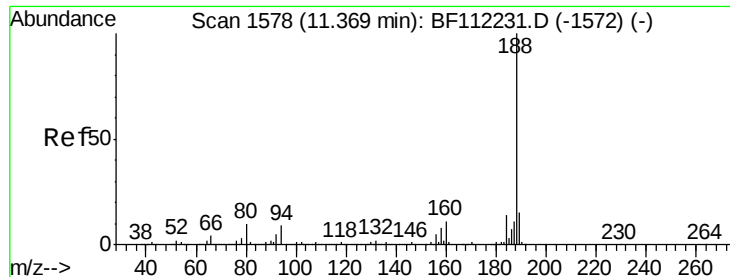
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	33.8	50.8#
89	1.9	36.9	55.3#



#57
 2,4-Dinitrotoluene
 Concen: 6.084 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.22 min
 Lab File: BF112654.D
 Acq: 21 Feb 2019 15:56

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	27.9	41.9#
89	1.9	47.9	71.9#
182	0.0	2.2	3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.35 min Scan# 1575

Delta R.T. -0.02 min

Lab File: BF112654.D

Acq: 21 Feb 2019 15:56

Instrument :

BNA_F

ClientSampleId :

NB-08-022019-A

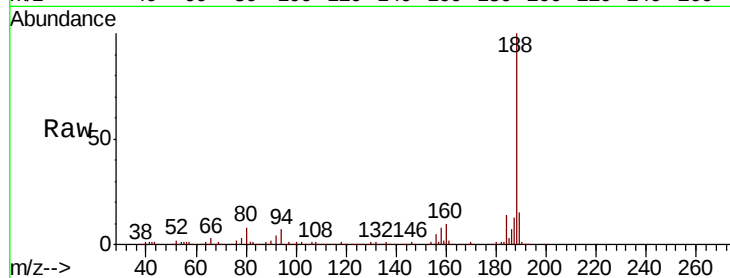
Tgt Ion:188 Resp: 272263

Ion Ratio Lower Upper

188 100

94 7.4 8.2 12.2#

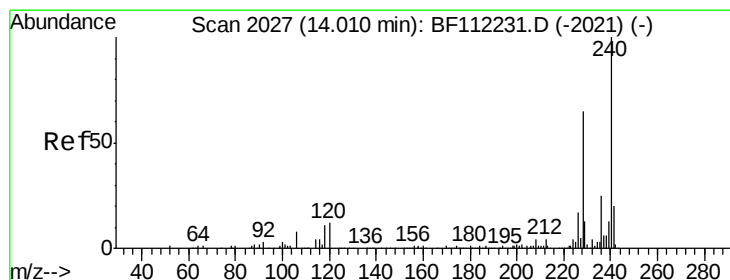
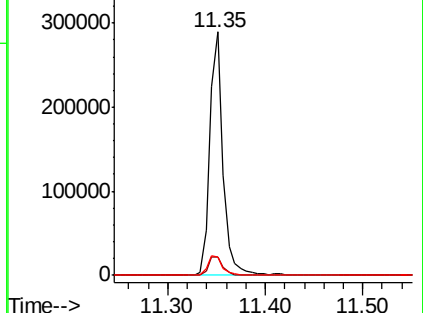
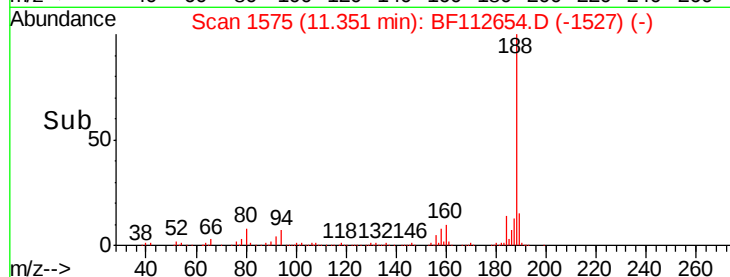
80 7.8 8.9 13.3#



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: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF112654.D

Acq: 21 Feb 2019 15:56

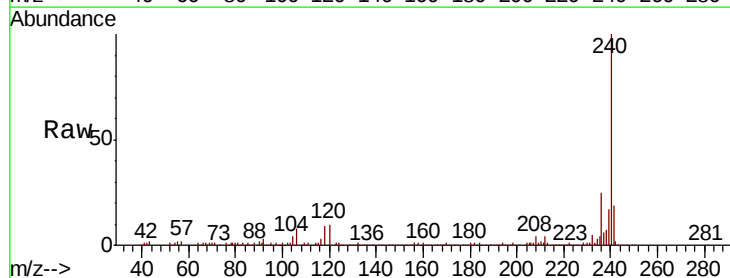
Tgt Ion:240 Resp: 193235

Ion Ratio Lower Upper

240 100

120 10.0 9.0 13.6

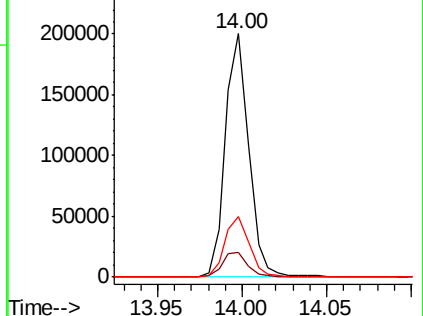
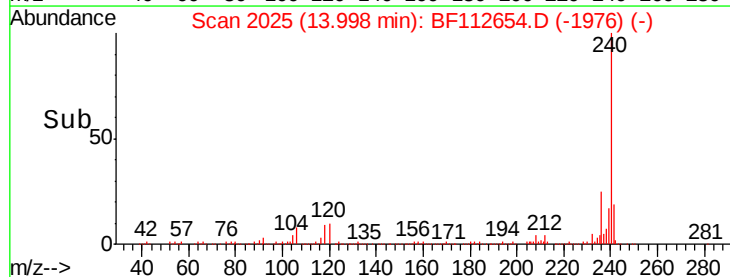
236 24.9 20.7 31.1

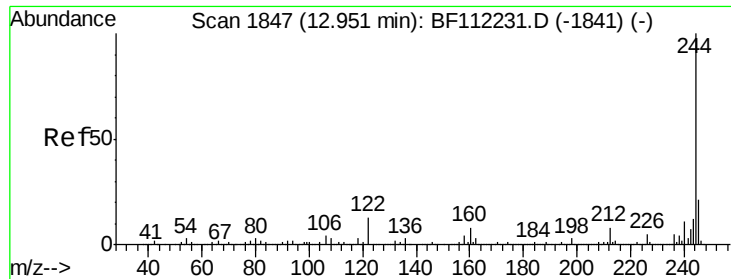


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

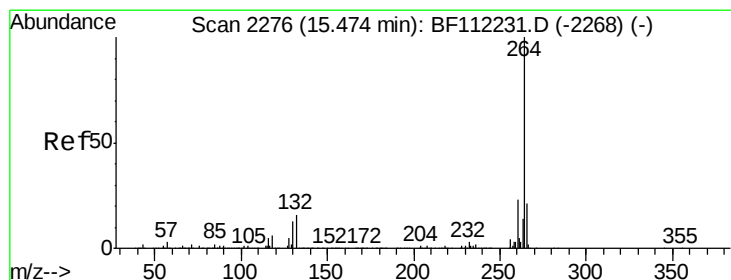
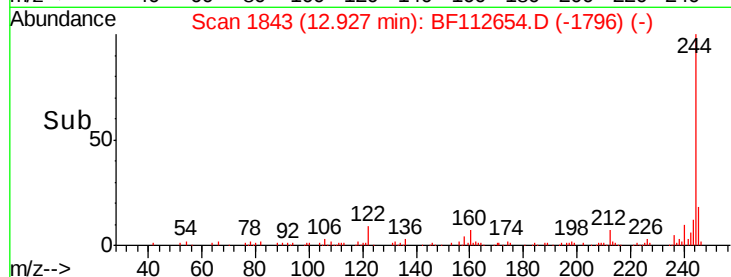
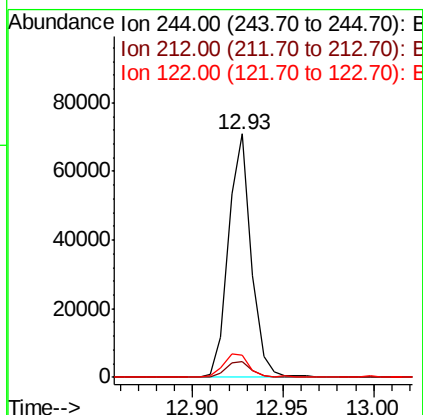
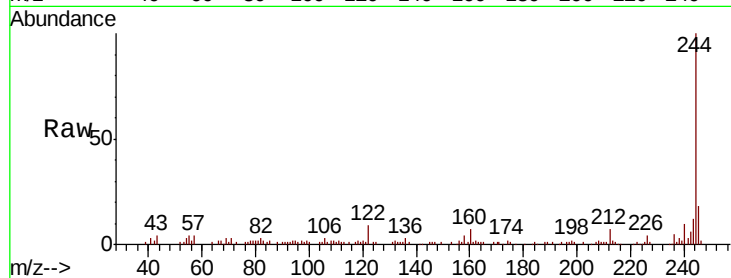




#79
 Terphenyl-d14
 Concen: 6.053 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. -0.02 min
 Lab File: BF112654.D
 Acq: 21 Feb 2019 15:56

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-022019-A

Tgt Ion:244 Resp: 62100
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.9 8.9
 122 9.1 9.8 14.6#



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2276
 Delta R.T. 0.00 min
 Lab File: BF112654.D
 Acq: 21 Feb 2019 15:56

Tgt Ion:264 Resp: 185455
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.2 27.2
 265 20.8 17.0 25.4

