

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020623\
 Data File : BF132336.D
 Acq On : 06 Feb 2023 14:02
 Operator : CG\JU
 Sample : PB150684BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150684BL

Quant Time: Feb 07 04:07:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 07 04:05:36 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

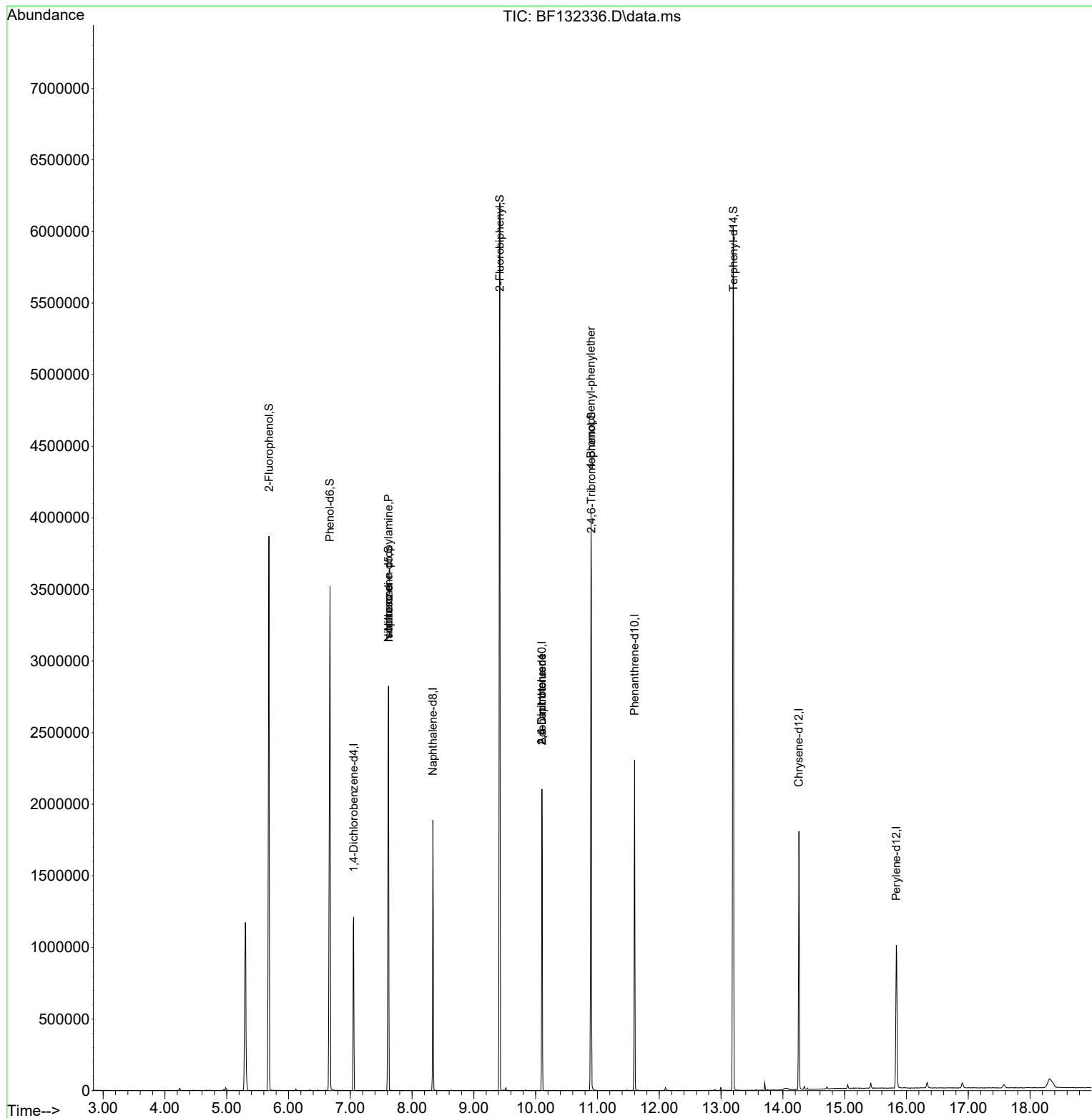
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.054	152	200777	20.000	ng	0.00
21) Naphthalene-d8	8.337	136	786536	20.000	ng	0.00
39) Acenaphthene-d10	10.101	164	408249	20.000	ng	0.00
64) Phenanthrene-d10	11.601	188	789365	20.000	ng	0.00
76) Chrysene-d12	14.260	240	562761	20.000	ng	0.00
86) Perylene-d12	15.836	264	480972	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.684	112	1433163	114.737	ng	0.02
7) Phenol-d6	6.672	99	1707283	110.867	ng	0.00
23) Nitrobenzene-d5	7.619	82	1027258	72.678	ng	0.00
42) 2,4,6-Tribromophenol	10.901	330	594235	141.543	ng	0.00
45) 2-Fluorobiphenyl	9.419	172	1916649	72.500	ng	0.00
79) Terphenyl-d14	13.201	244	2449764	84.207	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.672	77	2347	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.619	70	127427	14.568	ng	# 76
25) Isophorone	7.619	82	1027246	38.291	ng	# 64
51) 2,6-Dinitrotoluene	10.101	165	53166	8.336	ng	# 25
57) 2,4-Dinitrotoluene	10.101	165	53166	6.417	ng	# 23
67) 4-Bromophenyl-phenylether	10.895	248	33057	4.090	ng	# 1

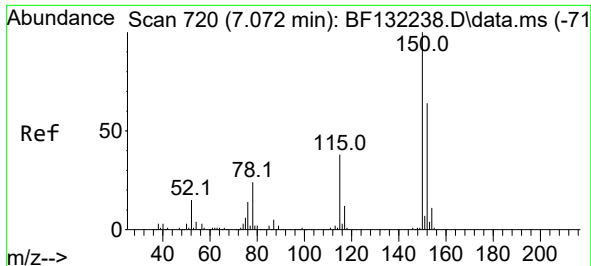
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020623\
Data File : BF132336.D
Acq On : 06 Feb 2023 14:02
Operator : CG\JU
Sample : PB150684BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB150684BL

Quant Time: Feb 07 04:07:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 07 04:05:36 2023
Response via : Initial Calibration

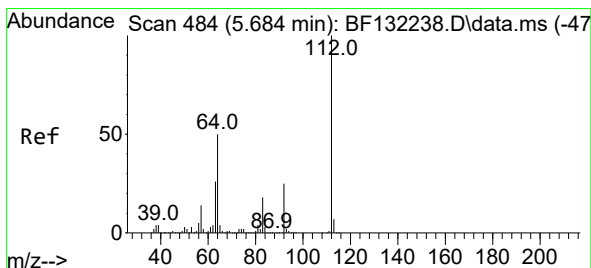
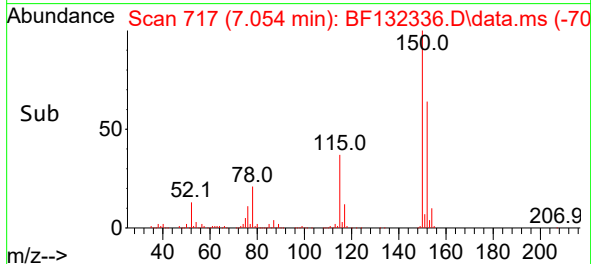
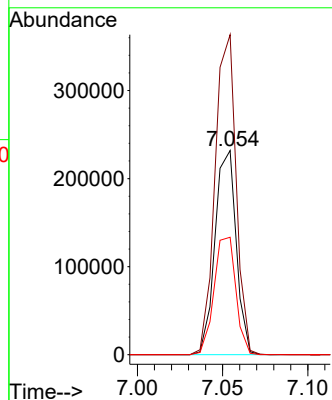
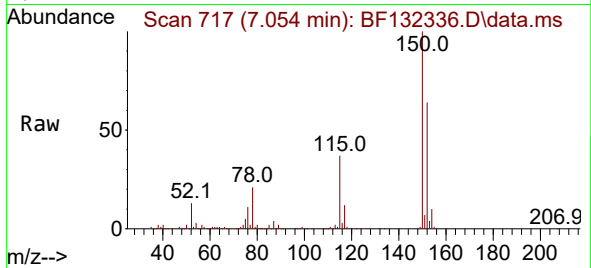




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.054 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF132336.D
 Acq: 06 Feb 2023 14:02

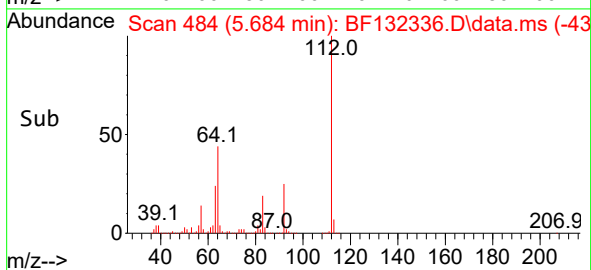
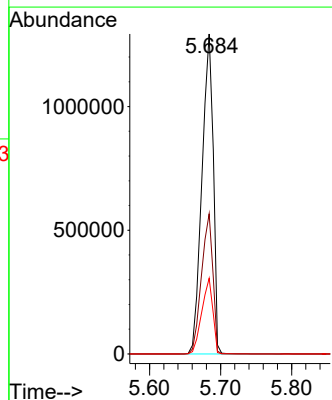
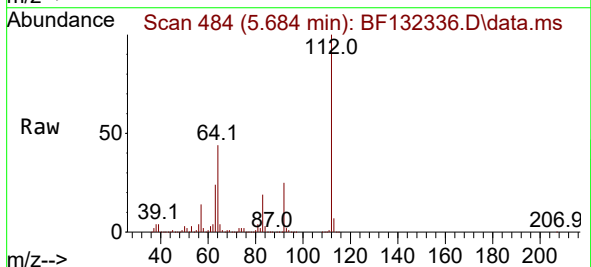
Instrument :
 BNA_F
 ClientSampleId :
 PB150684BL

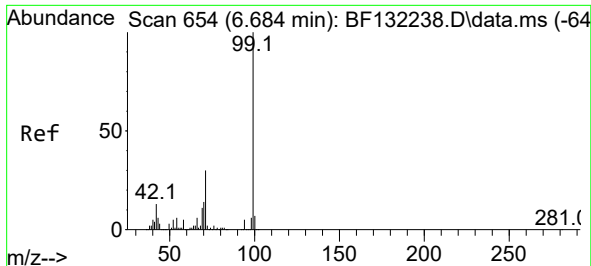
Tgt Ion:152 Resp: 200777
 Ion Ratio Lower Upper
 152 100
 150 156.7 124.2 186.2
 115 57.5 47.3 70.9



#5
 2-Fluorophenol
 Concen: 114.737 ng
 RT: 5.684 min Scan# 484
 Delta R.T. 0.018 min
 Lab File: BF132336.D
 Acq: 06 Feb 2023 14:02

Tgt Ion:112 Resp: 1433163
 Ion Ratio Lower Upper
 112 100
 64 43.8 40.0 60.0
 63 23.7 20.5 30.7

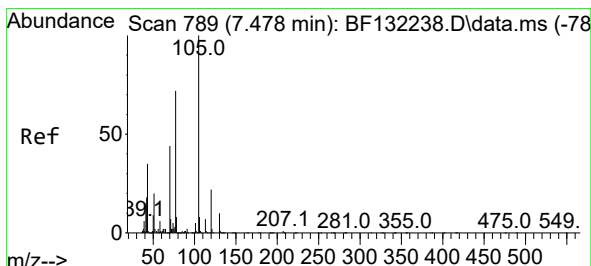
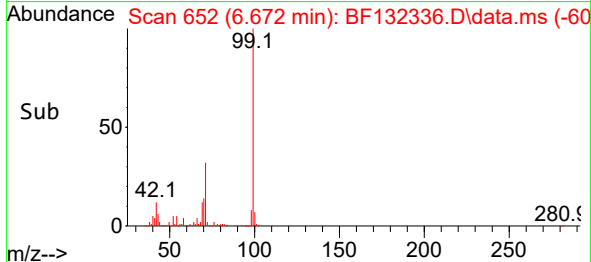
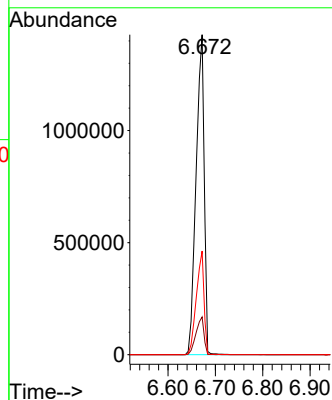
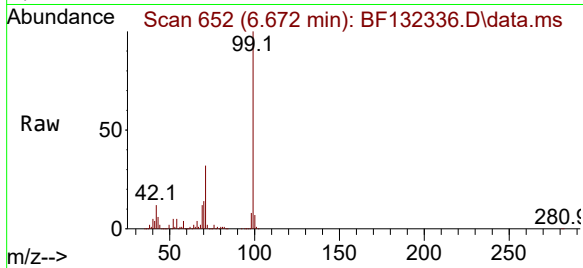




#7
Phenol-d6
Concen: 110.867 ng
RT: 6.672 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF132336.D
Acq: 06 Feb 2023 14:02

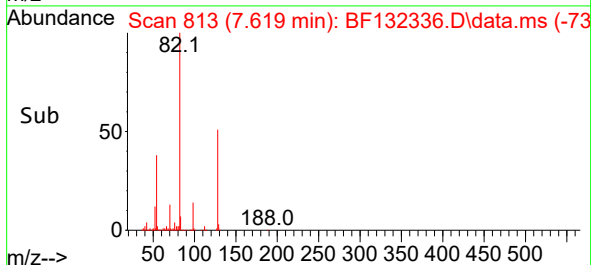
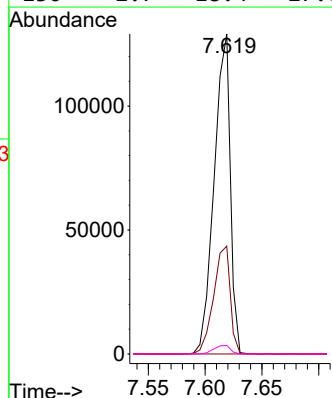
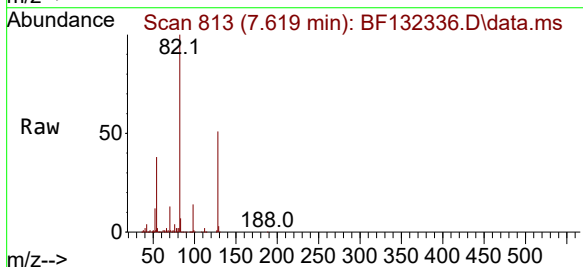
Instrument :
BNA_F
ClientSampleId :
PB150684BL

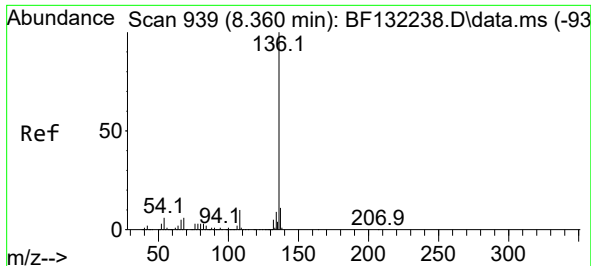
Tgt Ion: 99 Resp: 1707283
Ion Ratio Lower Upper
99 100
42 11.8 10.1 15.1
71 32.4 24.2 36.4



#19
n-Nitroso-di-n-propylamine
Concen: 14.568 ng
RT: 7.619 min Scan# 813
Delta R.T. 0.159 min
Lab File: BF132336.D
Acq: 06 Feb 2023 14:02

Tgt Ion: 70 Resp: 127427
Ion Ratio Lower Upper
70 100
42 33.7 33.4 50.0
101 0.0 8.2 12.4#
130 2.7 18.4 27.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.337 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF132336.D

Acq: 06 Feb 2023 14:02

Instrument :

BNA_F

ClientSampleId :

PB150684BL

Tgt Ion:136 Resp: 786536

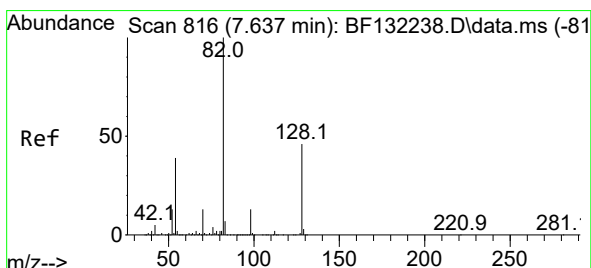
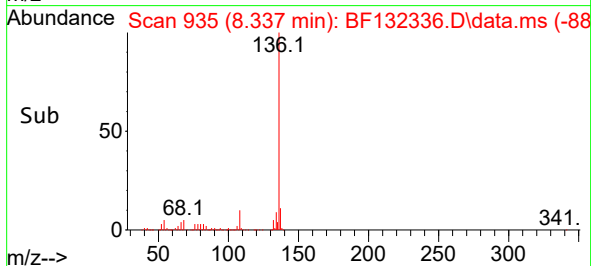
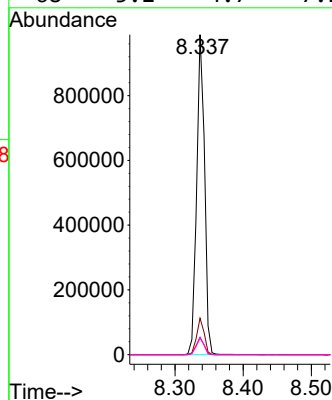
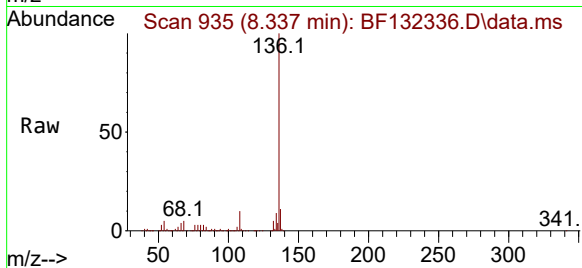
Ion Ratio Lower Upper

136 100

137 11.4 8.8 13.2

54 5.4 4.9 7.3

68 5.2 4.7 7.1



#23

Nitrobenzene-d5

Concen: 72.678 ng

RT: 7.619 min Scan# 813

Delta R.T. 0.000 min

Lab File: BF132336.D

Acq: 06 Feb 2023 14:02

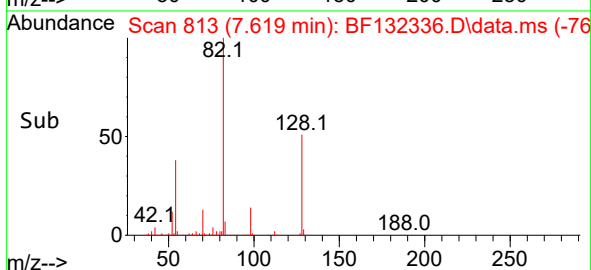
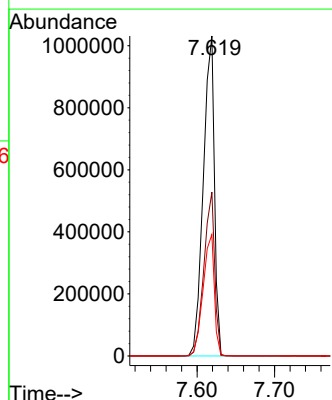
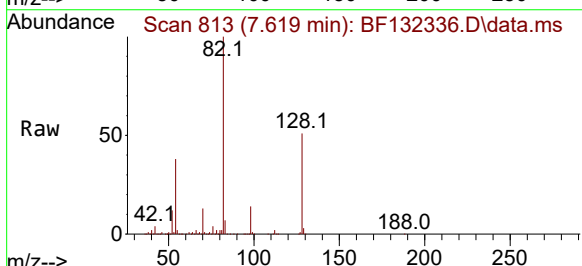
Tgt Ion: 82 Resp: 1027258

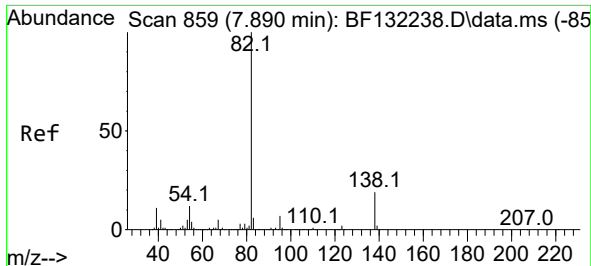
Ion Ratio Lower Upper

82 100

128 51.2 37.0 55.4

54 37.9 31.5 47.3

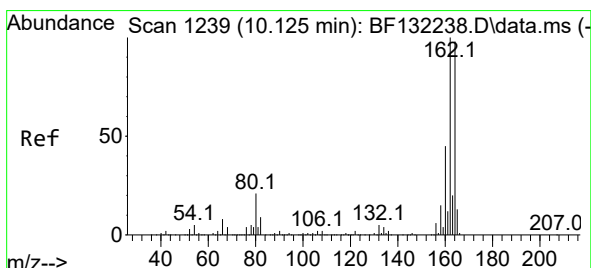
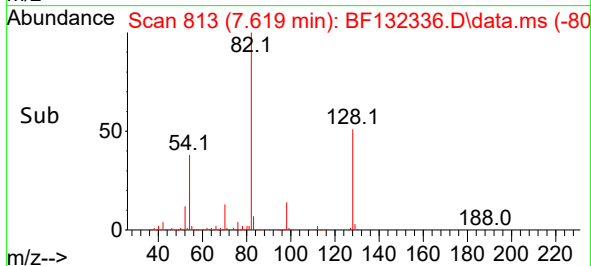
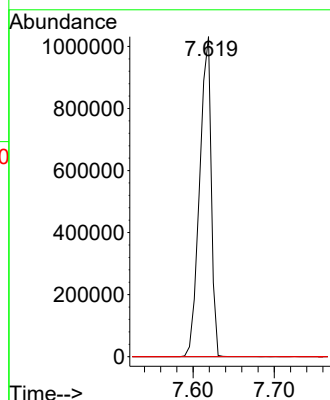
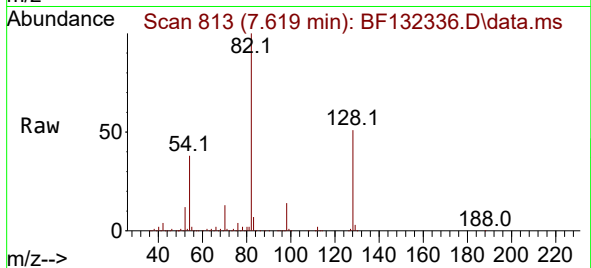




#25
Isophorone
Concen: 38.291 ng
RT: 7.619 min Scan# 81
Delta R.T. -0.253 min
Lab File: BF132336.D
Acq: 06 Feb 2023 14:02

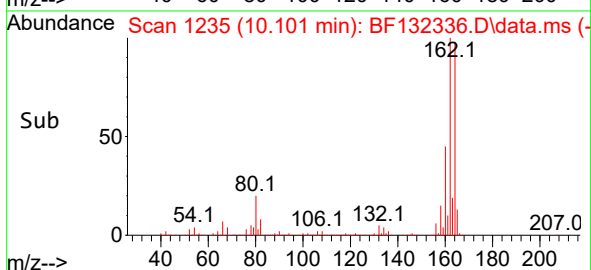
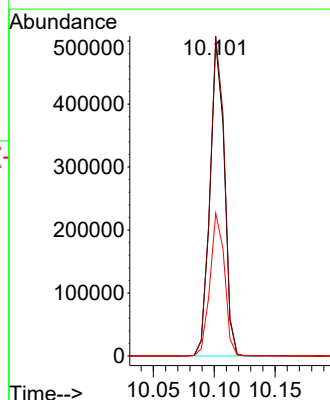
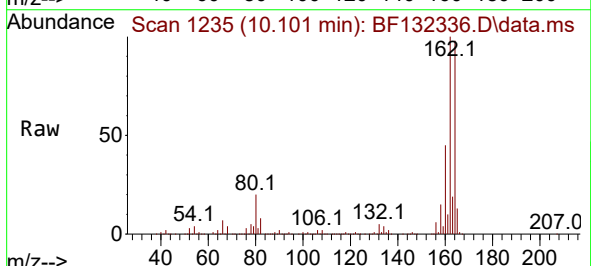
Instrument :
BNA_F
ClientSampleId :
PB150684BL

Tgt Ion: 82 Resp: 1027246
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 15.0 22.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.101 min Scan# 1235
Delta R.T. -0.006 min
Lab File: BF132336.D
Acq: 06 Feb 2023 14:02

Tgt Ion:164 Resp: 408249
Ion Ratio Lower Upper
164 100
162 102.0 82.0 123.0
160 45.5 37.1 55.7

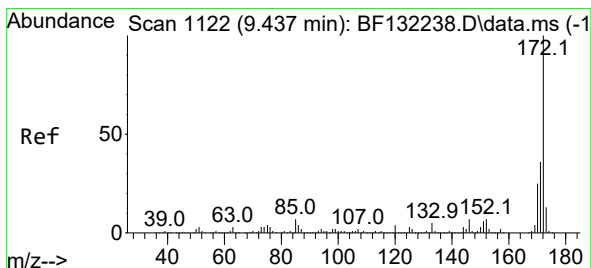
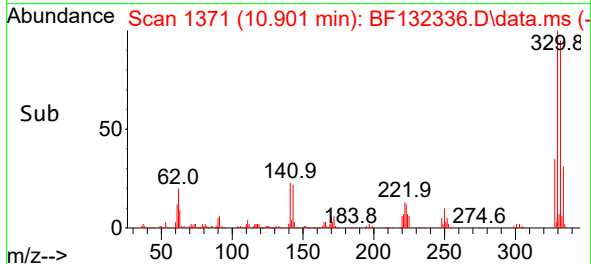
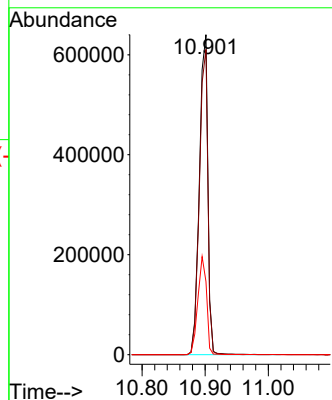
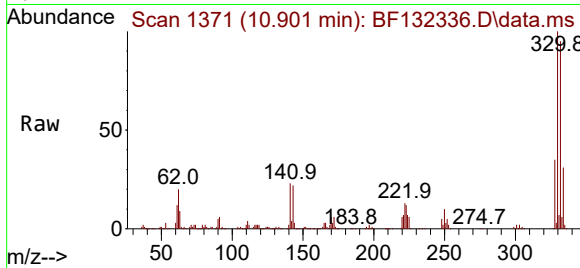




#42
 2,4,6-Tribromophenol
 Concen: 141.543 ng
 RT: 10.901 min Scan# 1119
 Delta R.T. 0.000 min
 Lab File: BF132336.D
 Acq: 06 Feb 2023 14:02

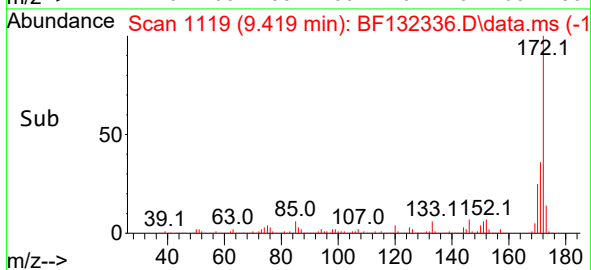
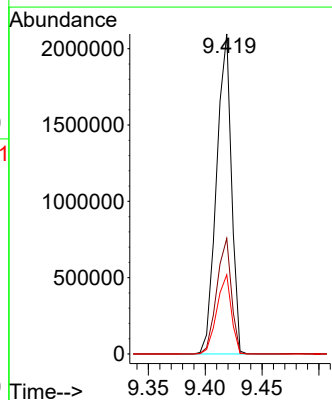
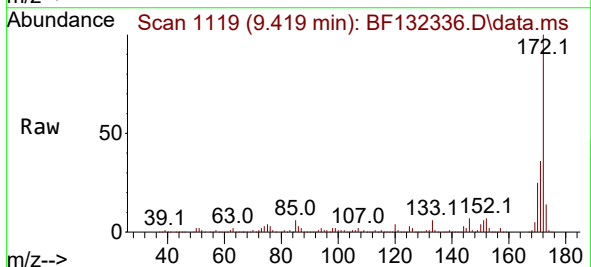
Instrument :
 BNA_F
 ClientSampleId :
 PB150684BL

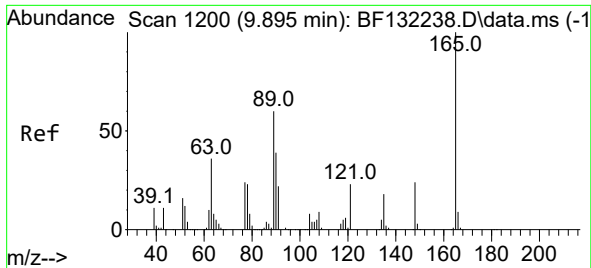
Tgt Ion:330 Resp: 594235
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.9 116.9
 141 31.4 31.0 46.4



#45
 2-Fluorobiphenyl
 Concen: 72.500 ng
 RT: 9.419 min Scan# 1119
 Delta R.T. 0.000 min
 Lab File: BF132336.D
 Acq: 06 Feb 2023 14:02

Tgt Ion:172 Resp: 1916649
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.6 43.0
 170 24.8 19.7 29.5

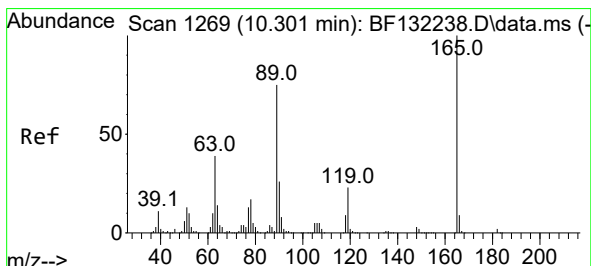
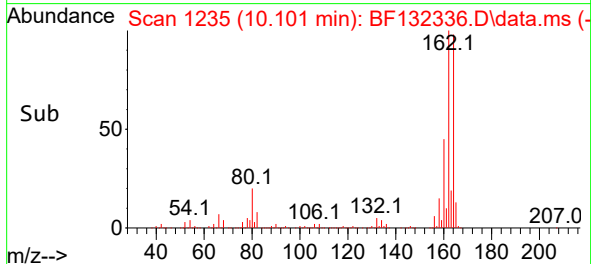
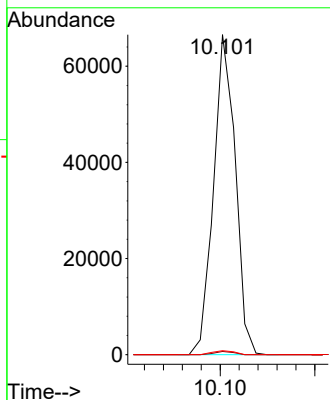
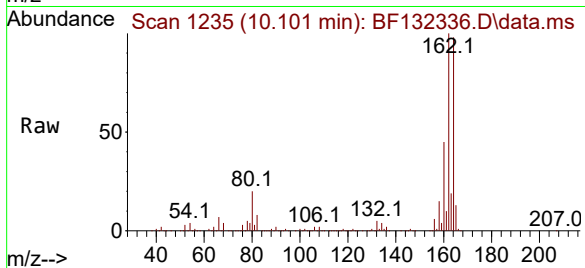




#51
2,6-Dinitrotoluene
Concen: 8.336 ng
RT: 10.101 min Scan# 1235
Delta R.T. 0.218 min
Lab File: BF132336.D
Acq: 06 Feb 2023 14:02

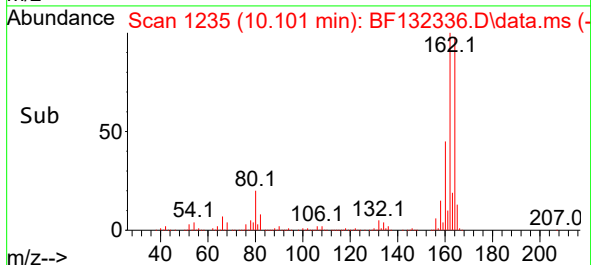
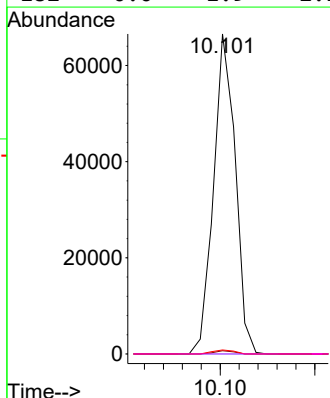
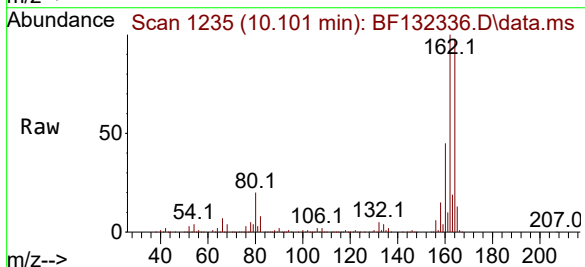
Instrument :
BNA_F
ClientSampleId :
PB150684BL

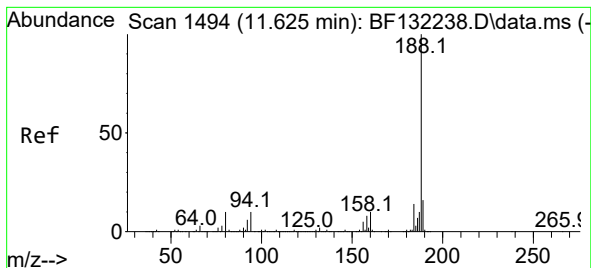
Tgt Ion:165 Resp: 53166
Ion Ratio Lower Upper
165 100
63 1.0 41.5 62.3#
89 1.3 48.1 72.1#



#57
2,4-Dinitrotoluene
Concen: 6.417 ng
RT: 10.101 min Scan# 1235
Delta R.T. -0.182 min
Lab File: BF132336.D
Acq: 06 Feb 2023 14:02

Tgt Ion:165 Resp: 53166
Ion Ratio Lower Upper
165 100
63 1.0 30.9 46.3#
89 1.3 60.1 90.1#
182 0.0 1.9 2.9#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.601 min Scan# 14

Delta R.T. 0.000 min

Lab File: BF132336.D

Acq: 06 Feb 2023 14:02

Instrument :

BNA_F

ClientSampleId :

PB150684BL

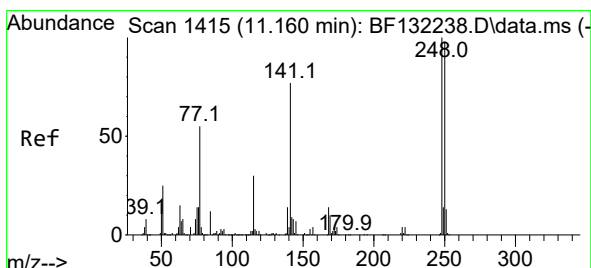
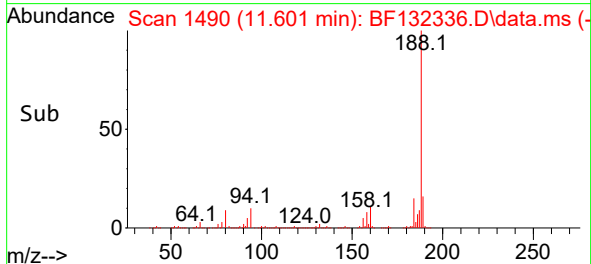
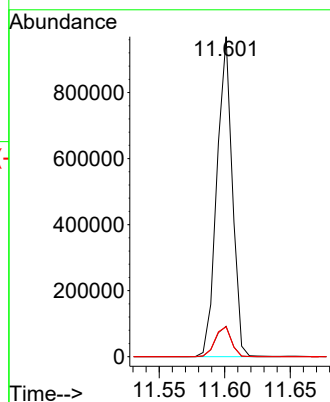
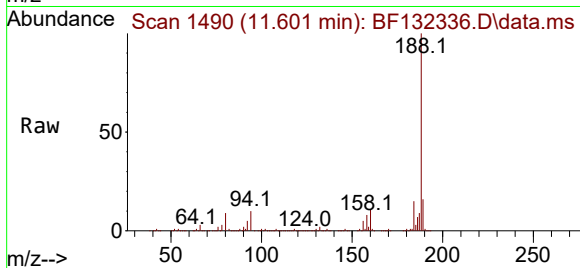
Tgt Ion:188 Resp: 789365

Ion Ratio Lower Upper

188 100

94 9.5 8.2 12.2

80 9.3 8.3 12.5



#67

4-Bromophenyl-phenylether

Concen: 4.090 ng

RT: 10.895 min Scan# 1370

Delta R.T. -0.241 min

Lab File: BF132336.D

Acq: 06 Feb 2023 14:02

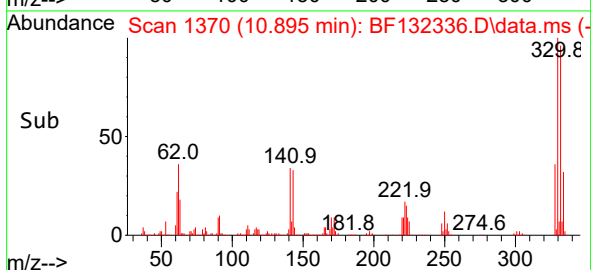
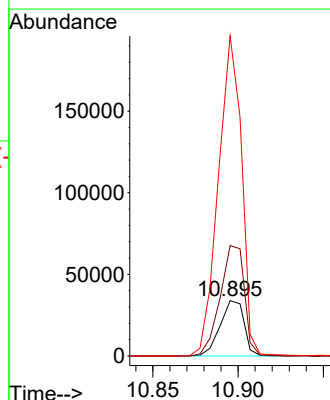
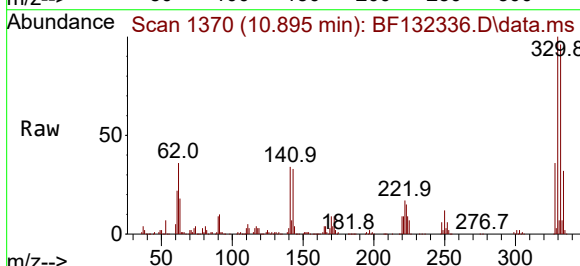
Tgt Ion:248 Resp: 33057

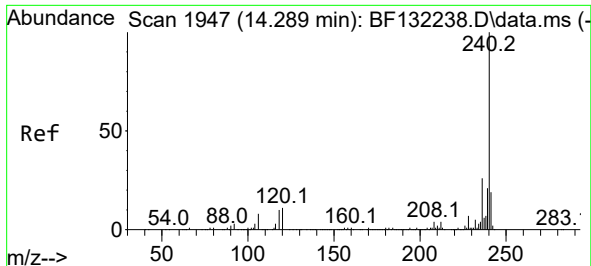
Ion Ratio Lower Upper

248 100

250 199.6 78.6 117.8#

141 578.2 61.6 92.4#

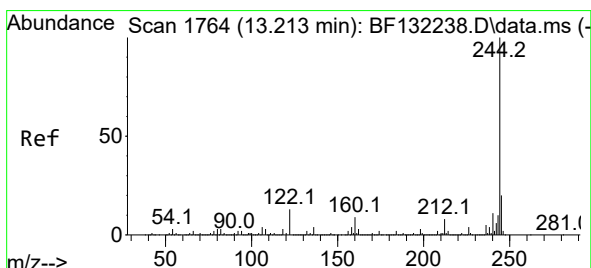
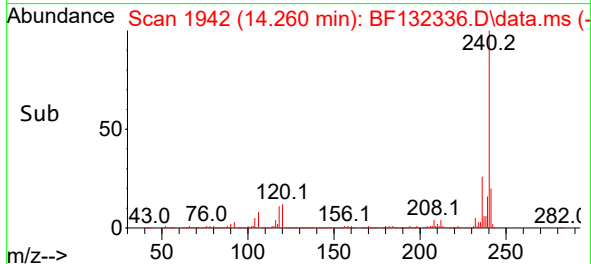
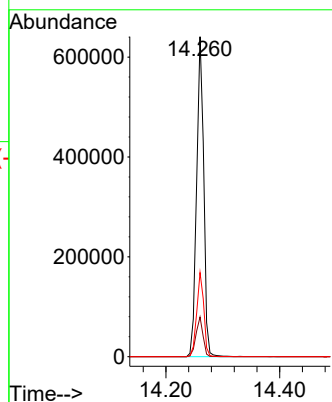
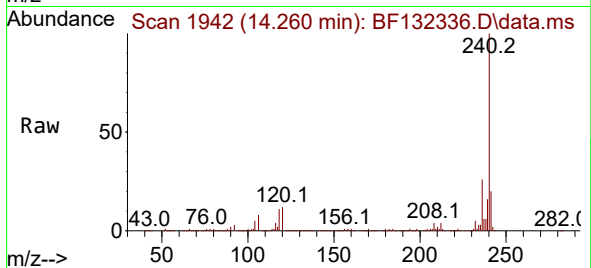




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.260 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BF132336.D
Acq: 06 Feb 2023 14:02

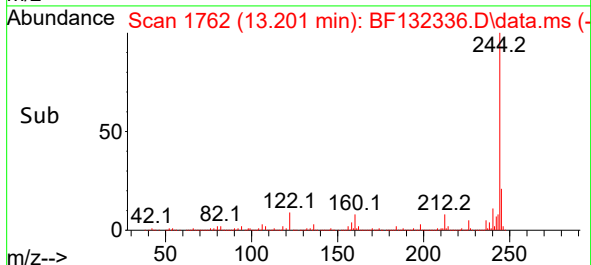
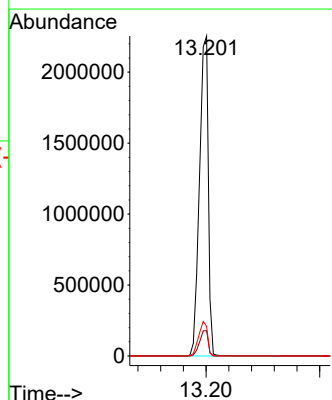
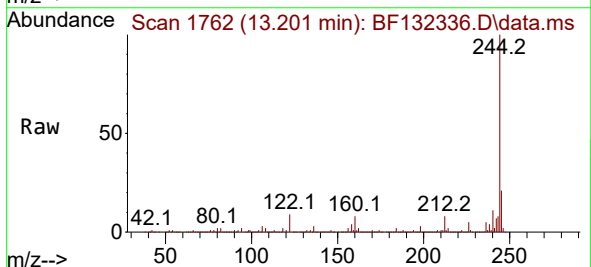
Instrument :
BNA_F
ClientSampleId :
PB150684BL

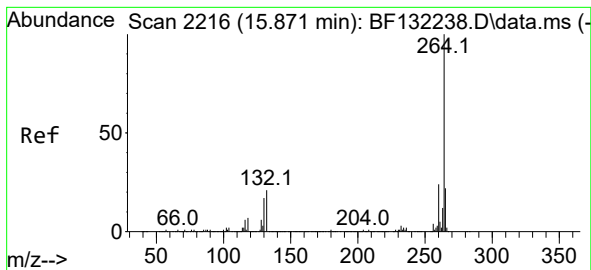
Tgt Ion:240 Resp: 562761
Ion Ratio Lower Upper
240 100
120 12.4 8.8 13.2
236 26.3 21.0 31.6



#79
Terphenyl-d14
Concen: 84.207 ng
RT: 13.201 min Scan# 1762
Delta R.T. 0.006 min
Lab File: BF132336.D
Acq: 06 Feb 2023 14:02

Tgt Ion:244 Resp: 2449764
Ion Ratio Lower Upper
244 100
212 7.9 6.4 9.6
122 9.3 10.5 15.7#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.836 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF132336.D
 Acq: 06 Feb 2023 14:02

Instrument :
 BNA_F
 ClientSampleId :
 PB150684BL

Tgt Ion:264 Resp: 480972
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.0 28.4
 265 21.6 17.4 26.2

