

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020223\
 Data File : BF132297.D
 Acq On : 02 Feb 2023 18:00
 Operator : CG\JU
 Sample : 01363-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-WC

Quant Time: Feb 03 00:23:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 02 01:30:34 2023
 Response via : Initial Calibration

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

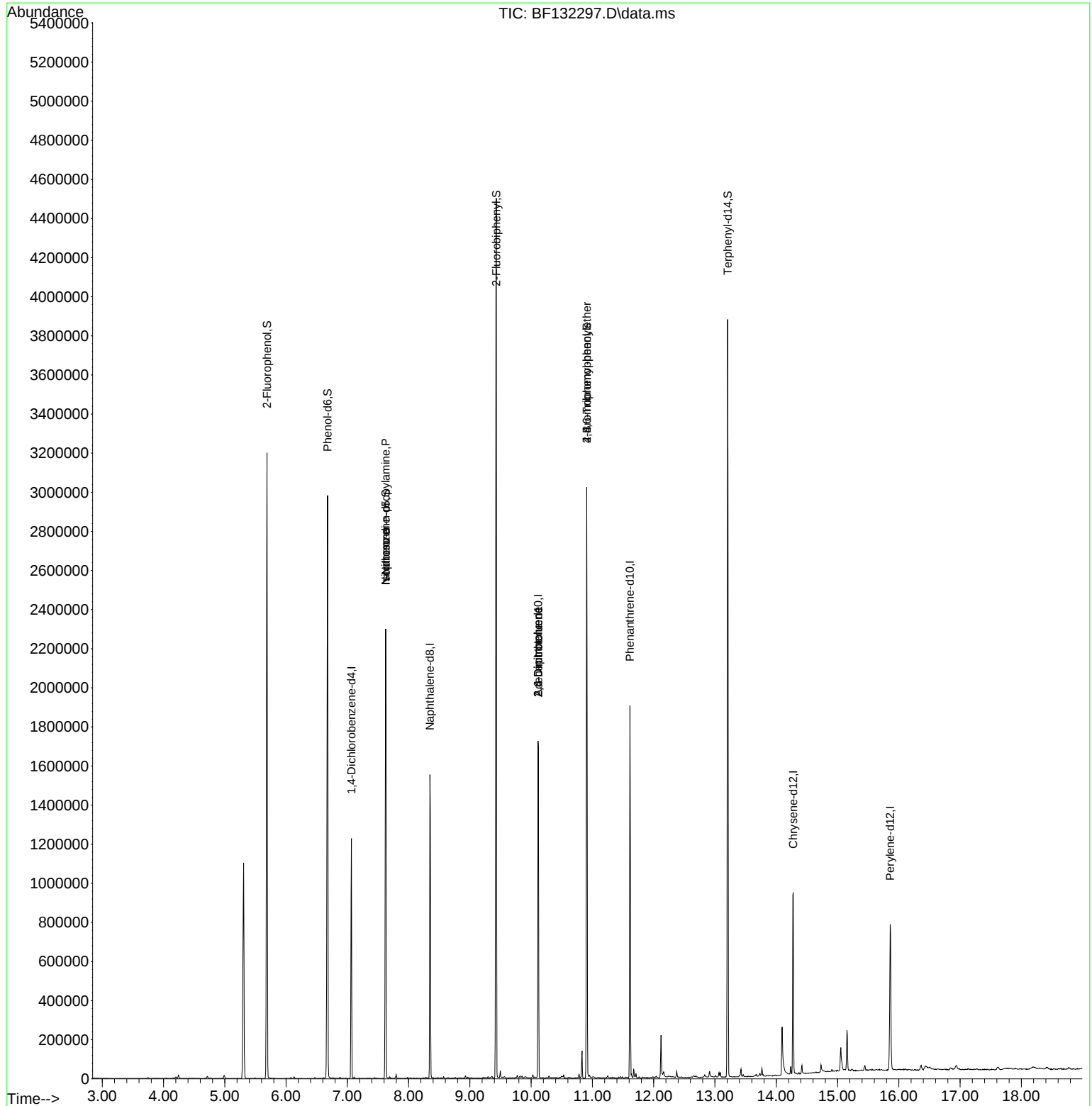
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.066	152	180543	20.000	ng	0.00
21) Naphthalene-d8	8.348	136	698961	20.000	ng	-0.01
39) Acenaphthene-d10	10.113	164	361835	20.000	ng	-0.01
64) Phenanthrene-d10	11.613	188	649569	20.000	ng	-0.01
76) Chrysene-d12	14.277	240	311580	20.000	ng	-0.01
86) Perylene-d12	15.860	264	348591	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.690	112	1040805	92.664	ng	0.00
7) Phenol-d6	6.678	99	1283096	92.659	ng	0.00
23) Nitrobenzene-d5	7.625	82	777582	61.907	ng	-0.01
42) 2,4,6-Tribromophenol	10.907	330	376898	101.290	ng	-0.01
45) 2-Fluorobiphenyl	9.431	172	1402098	59.839	ng	0.00
79) Terphenyl-d14	13.207	244	1361729	84.541	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.613	77	714	Below Cal	#	84
19) n-Nitroso-di-n-propyla...	7.625	70	95568	12.150	ng	# 77
25) Isophorone	7.625	82	777570	32.616	ng	# 64
51) 2,6-Dinitrotoluene	10.113	165	47635	8.427	ng	# 25
57) 2,4-Dinitrotoluene	10.113	165	47635	6.487	ng	# 23
67) 4-Bromophenyl-phenylether	10.907	248	21986	3.305	ng	# 1

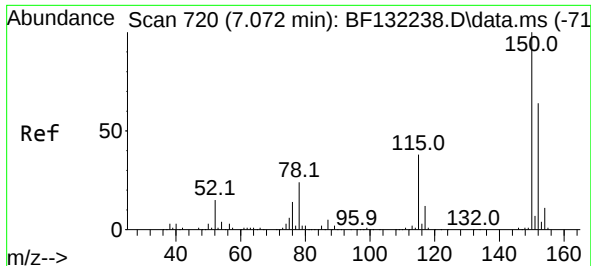
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

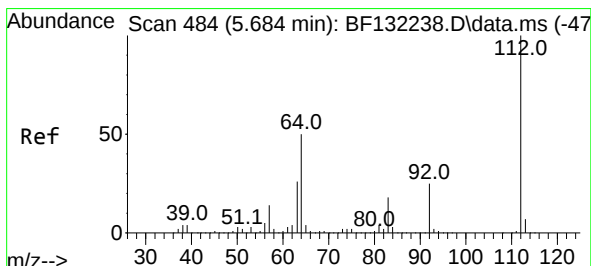
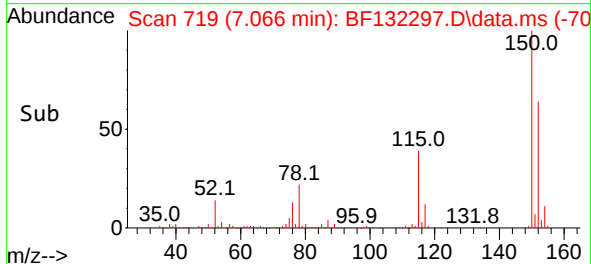
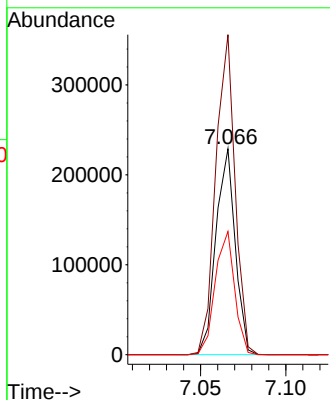
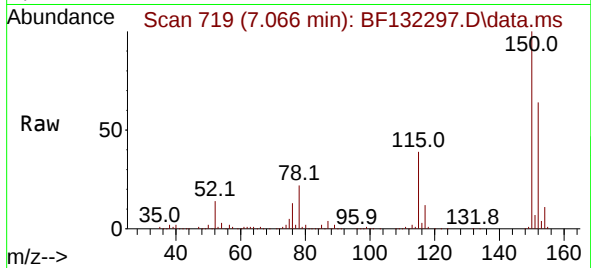




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.066 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF132297.D
 Acq: 02 Feb 2023 18:00

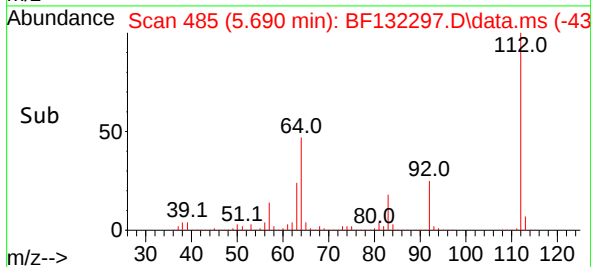
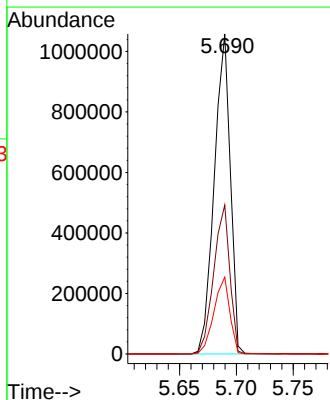
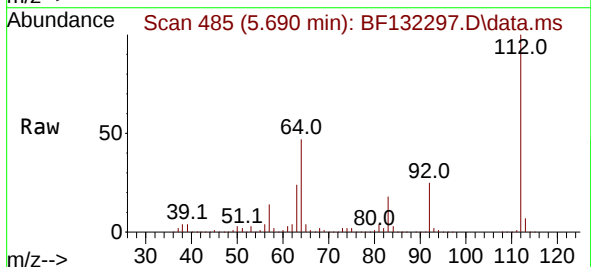
Instrument :
 BNA_F
 ClientSampleId :
 TP-1-WC

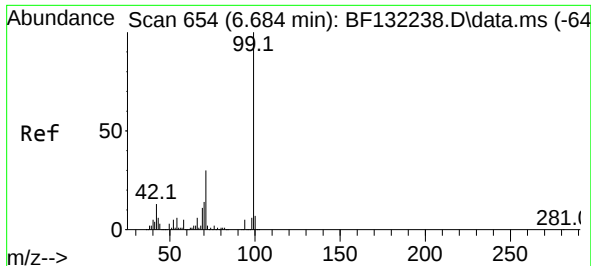
Tgt Ion:152 Resp: 180543
 Ion Ratio Lower Upper
 152 100
 150 155.4 124.2 186.2
 115 59.8 47.3 70.9



#5
 2-Fluorophenol
 Concen: 92.664 ng
 RT: 5.690 min Scan# 485
 Delta R.T. 0.006 min
 Lab File: BF132297.D
 Acq: 02 Feb 2023 18:00

Tgt Ion:112 Resp: 1040805
 Ion Ratio Lower Upper
 112 100
 64 46.5 40.0 60.0
 63 24.0 20.5 30.7

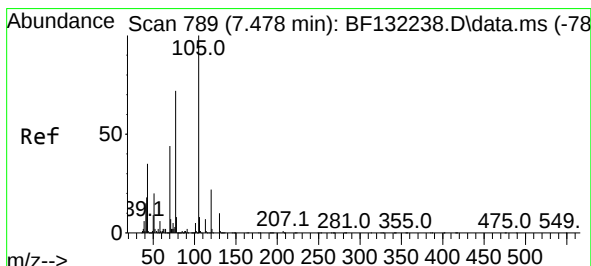
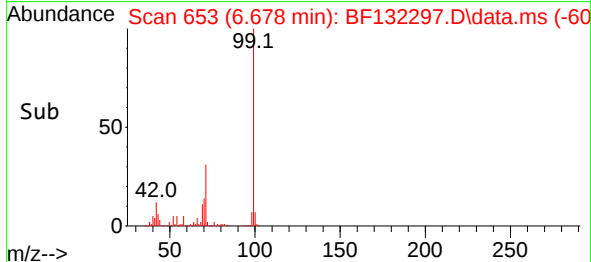
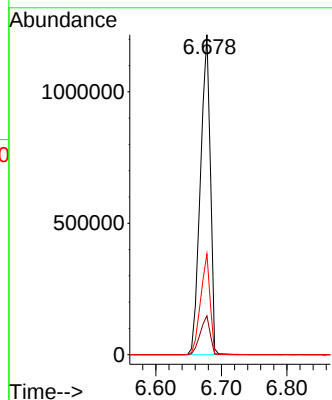
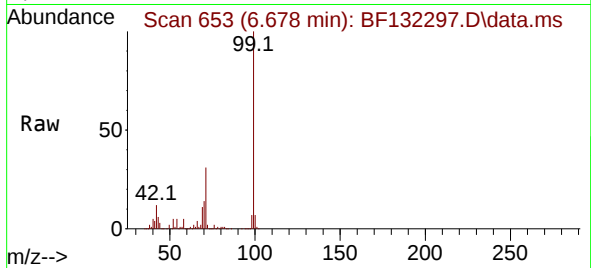




#7
Phenol-d6
Concen: 92.659 ng
RT: 6.678 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132297.D
Acq: 02 Feb 2023 18:00

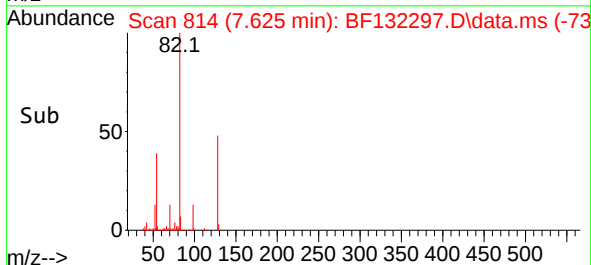
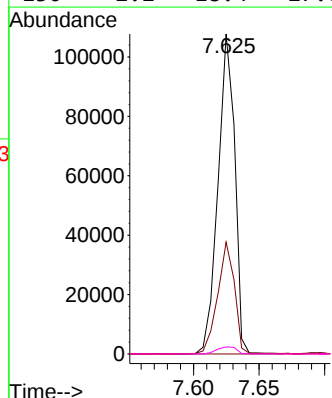
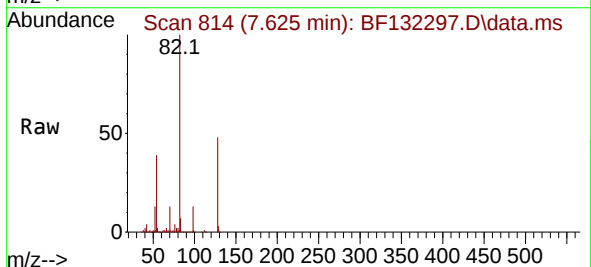
Instrument :
BNA_F
ClientSampleId :
TP-1-WC

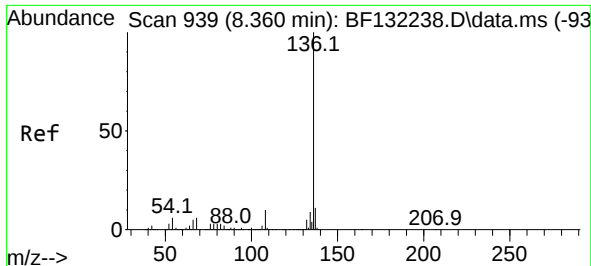
Tgt Ion: 99 Resp: 1283096
Ion Ratio Lower Upper
99 100
42 12.1 10.1 15.1
71 31.5 24.2 36.4



#19
n-Nitroso-di-n-propylamine
Concen: 12.150 ng
RT: 7.625 min Scan# 814
Delta R.T. 0.147 min
Lab File: BF132297.D
Acq: 02 Feb 2023 18:00

Tgt Ion: 70 Resp: 95568
Ion Ratio Lower Upper
70 100
42 34.9 33.4 50.0
101 0.0 8.2 12.4#
130 2.2 18.4 27.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.348 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF132297.D

Acq: 02 Feb 2023 18:00

Instrument :

BNA_F

ClientSampleId :

TP-1-WC

Tgt Ion:136 Resp: 698961

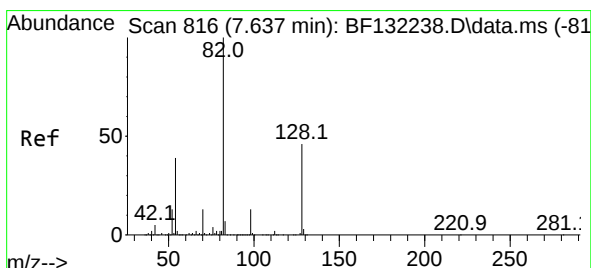
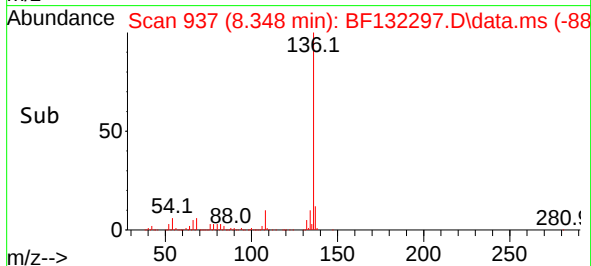
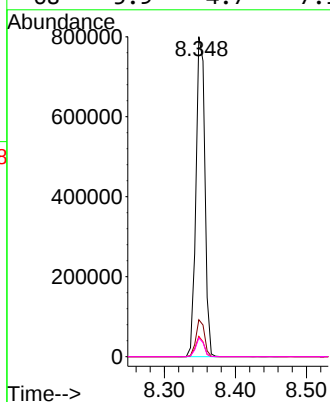
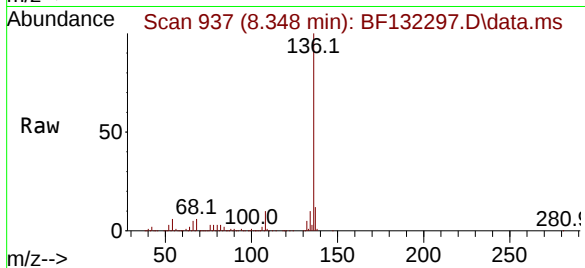
Ion Ratio Lower Upper

136 100

137 11.5 8.8 13.2

54 6.4 4.9 7.3

68 5.9 4.7 7.1



#23

Nitrobenzene-d5

Concen: 61.907 ng

RT: 7.625 min Scan# 814

Delta R.T. -0.012 min

Lab File: BF132297.D

Acq: 02 Feb 2023 18:00

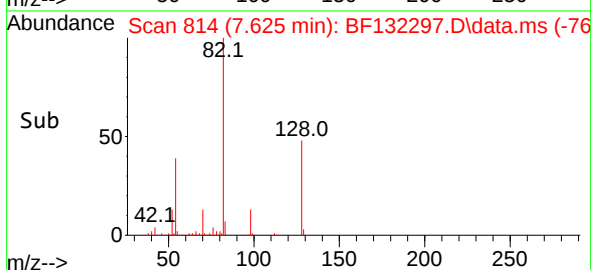
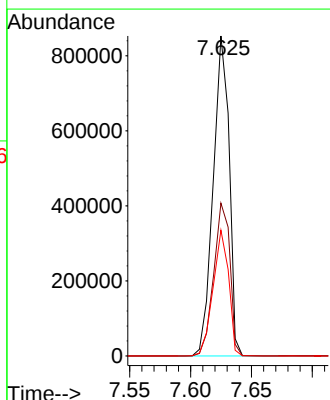
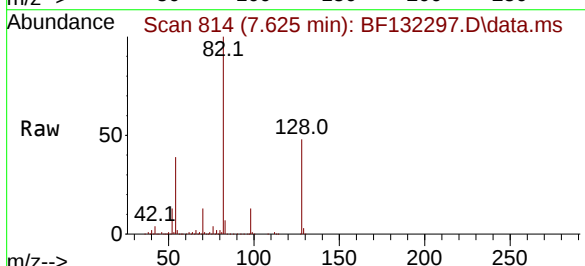
Tgt Ion: 82 Resp: 777582

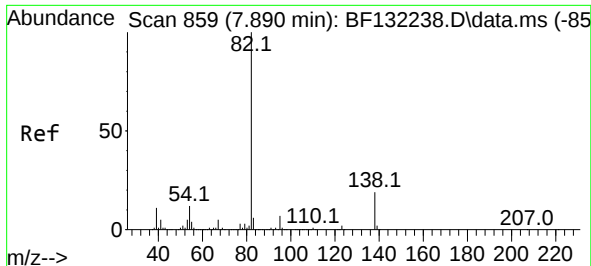
Ion Ratio Lower Upper

82 100

128 47.7 37.0 55.4

54 39.3 31.5 47.3

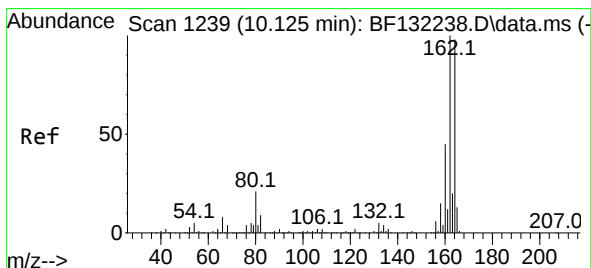
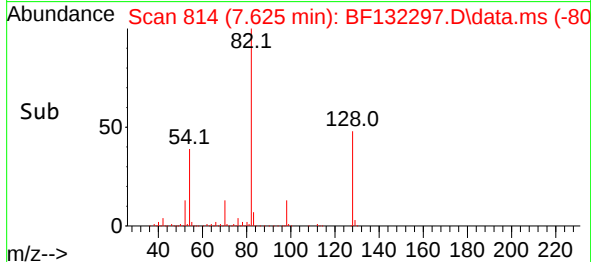
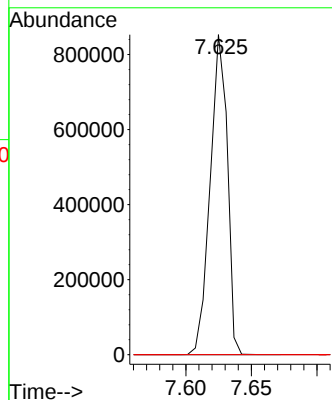
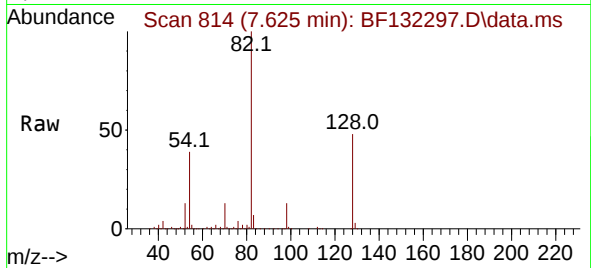




#25
Isophorone
Concen: 32.616 ng
RT: 7.625 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF132297.D
Acq: 02 Feb 2023 18:00

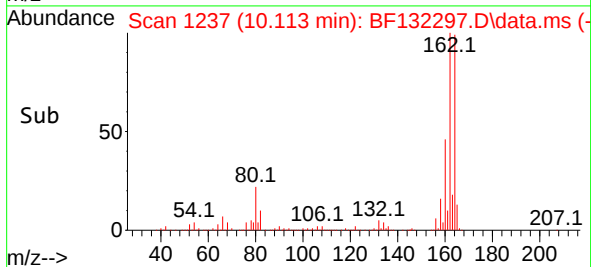
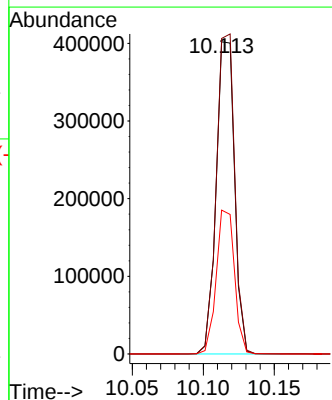
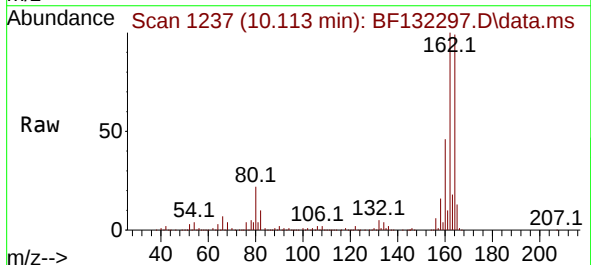
Instrument :
BNA_F
ClientSampleId :
TP-1-WC

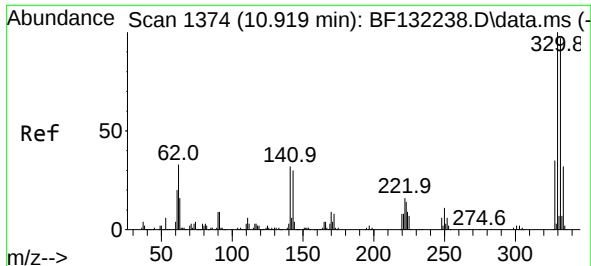
Tgt Ion: 82 Resp: 777570
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 15.0 22.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.113 min Scan# 1237
Delta R.T. -0.012 min
Lab File: BF132297.D
Acq: 02 Feb 2023 18:00

Tgt Ion: 164 Resp: 361835
Ion Ratio Lower Upper
164 100
162 101.1 82.0 123.0
160 46.1 37.1 55.7





#42

2,4,6-Tribromophenol

Concen: 101.290 ng

RT: 10.907 min Scan# 1121

Delta R.T. -0.012 min

Lab File: BF132297.D

Acq: 02 Feb 2023 18:00

Instrument :

BNA_F

ClientSampleId :

TP-1-WC

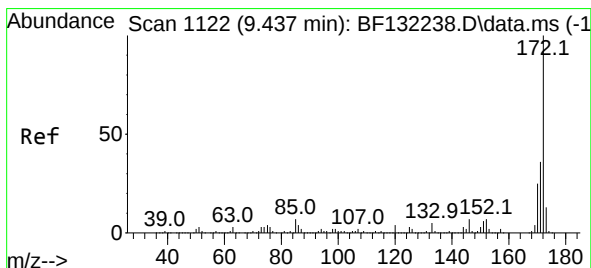
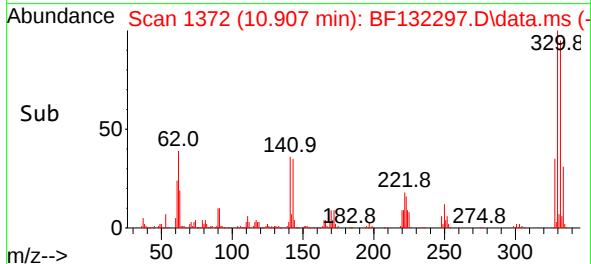
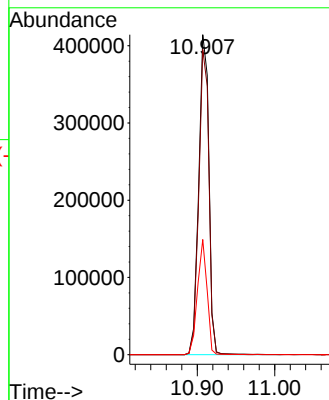
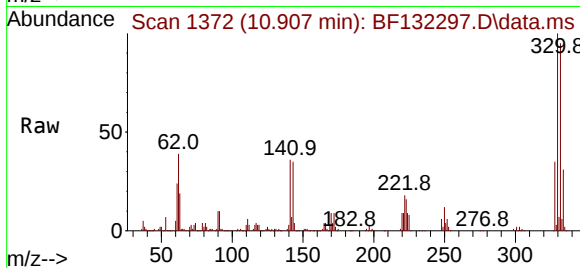
Tgt Ion:330 Resp: 376898

Ion Ratio Lower Upper

330 100

332 95.0 77.9 116.9

141 33.8 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 59.839 ng

RT: 9.431 min Scan# 1121

Delta R.T. -0.006 min

Lab File: BF132297.D

Acq: 02 Feb 2023 18:00

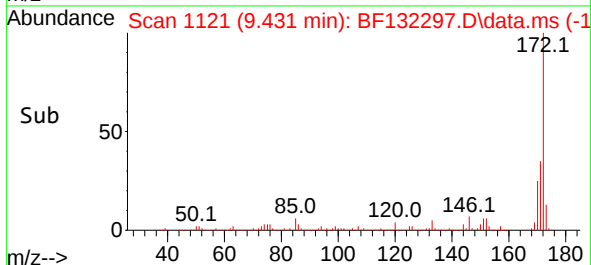
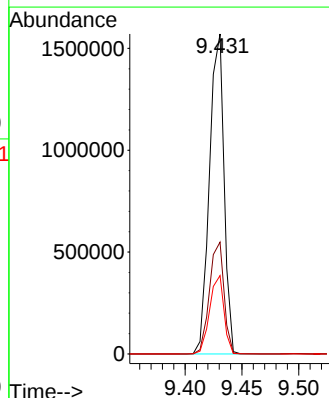
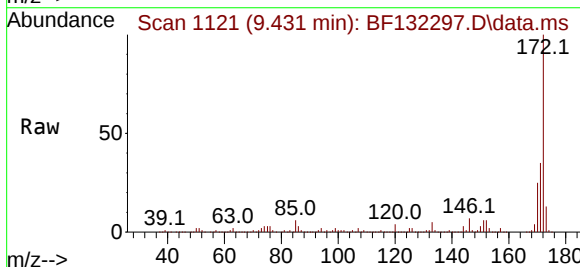
Tgt Ion:172 Resp: 1402098

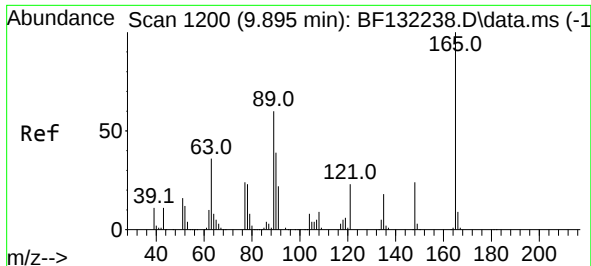
Ion Ratio Lower Upper

172 100

171 34.9 28.6 43.0

170 24.5 19.7 29.5

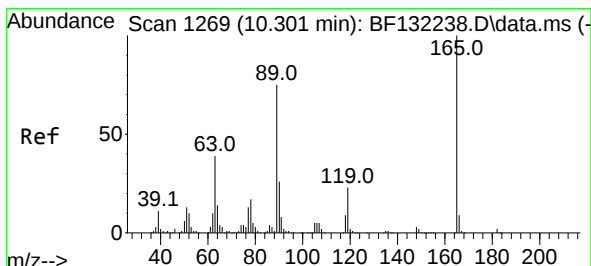
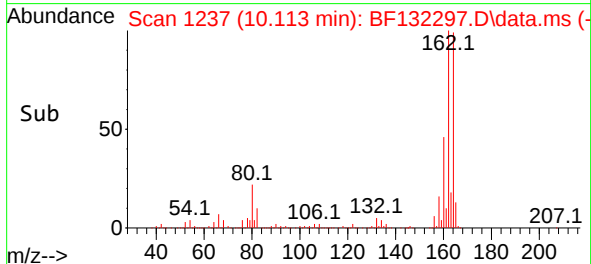
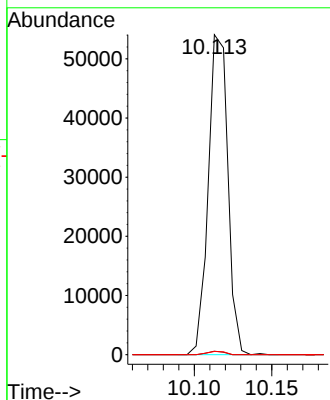
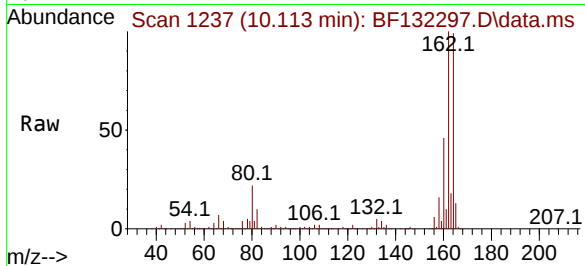




#51
2,6-Dinitrotoluene
Concen: 8.427 ng
RT: 10.113 min Scan# 1200
Delta R.T. 0.218 min
Lab File: BF132297.D
Acq: 02 Feb 2023 18:00

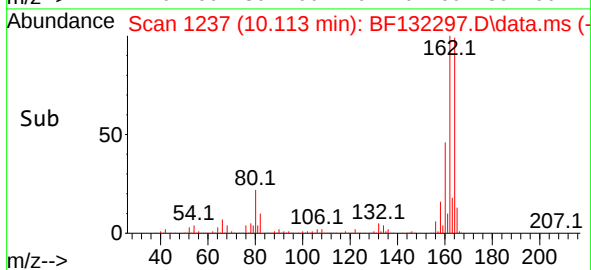
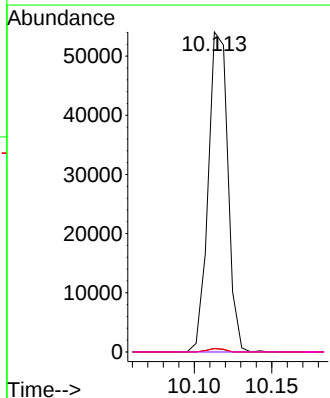
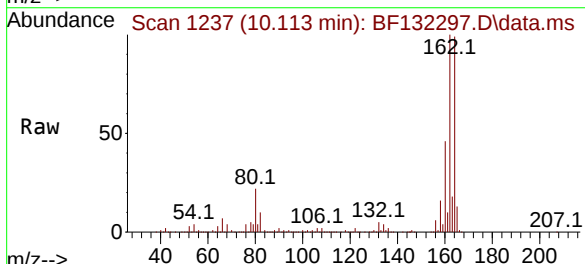
Instrument :
BNA_F
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TP-1-WC

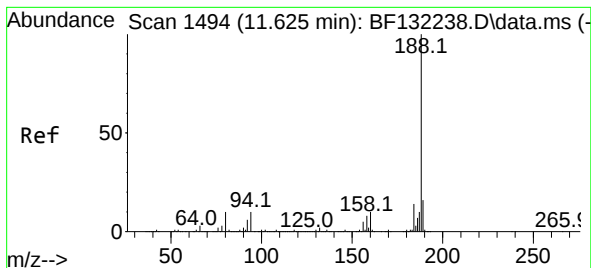
Tgt Ion:165 Resp: 47635
Ion Ratio Lower Upper
165 100
63 1.1 41.5 62.3#
89 1.0 48.1 72.1#



#57
2,4-Dinitrotoluene
Concen: 6.487 ng
RT: 10.113 min Scan# 1237
Delta R.T. -0.188 min
Lab File: BF132297.D
Acq: 02 Feb 2023 18:00

Tgt Ion:165 Resp: 47635
Ion Ratio Lower Upper
165 100
63 1.1 30.9 46.3#
89 1.0 60.1 90.1#
182 0.0 1.9 2.9#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.613 min Scan# 1494

Delta R.T. -0.012 min

Lab File: BF132297.D

Acq: 02 Feb 2023 18:00

Instrument :

BNA_F

ClientSampleId :

TP-1-WC

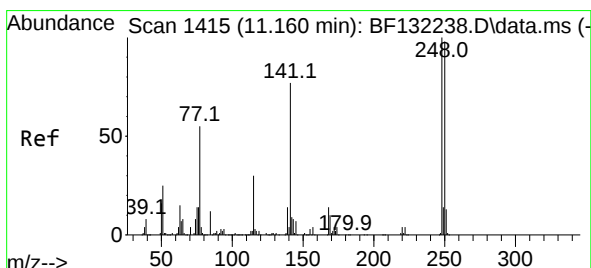
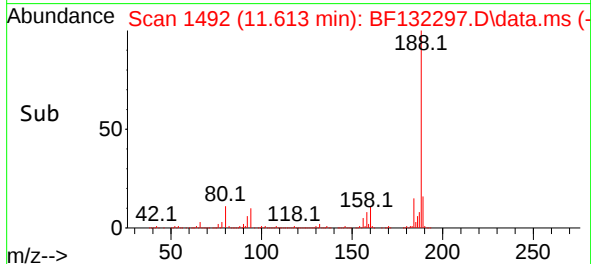
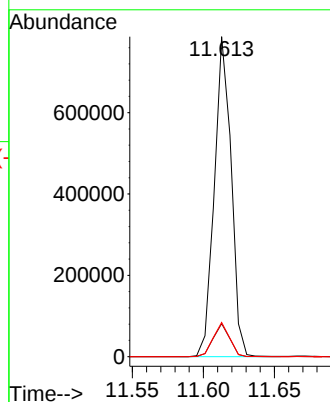
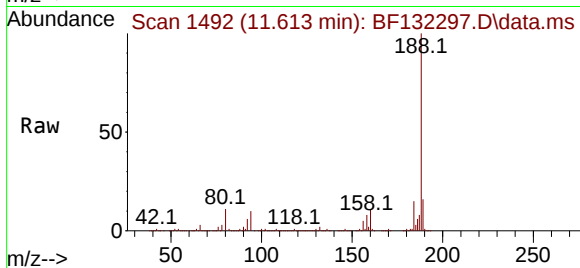
Tgt Ion:188 Resp: 649569

Ion Ratio Lower Upper

188 100

94 10.3 8.2 12.2

80 10.7 8.3 12.5



#67

4-Bromophenyl-phenylether

Concen: 3.305 ng

RT: 10.907 min Scan# 1372

Delta R.T. -0.253 min

Lab File: BF132297.D

Acq: 02 Feb 2023 18:00

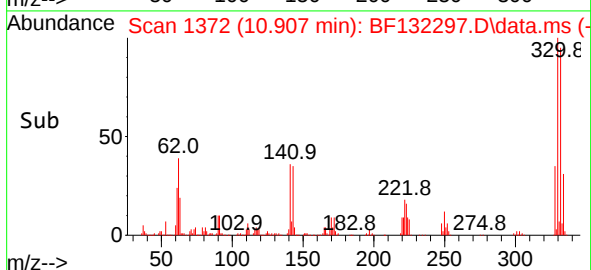
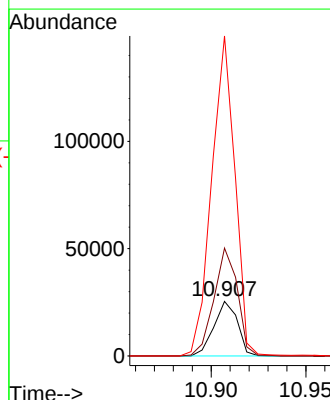
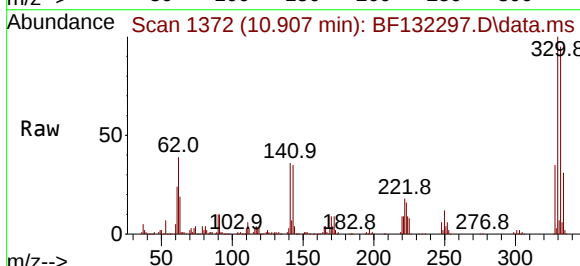
Tgt Ion:248 Resp: 21986

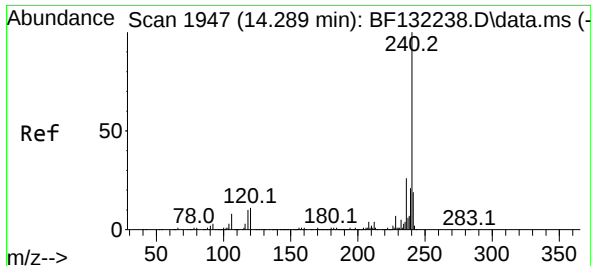
Ion Ratio Lower Upper

248 100

250 197.3 78.6 117.8#

141 585.8 61.6 92.4#

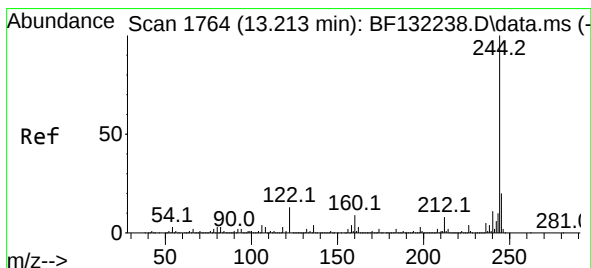
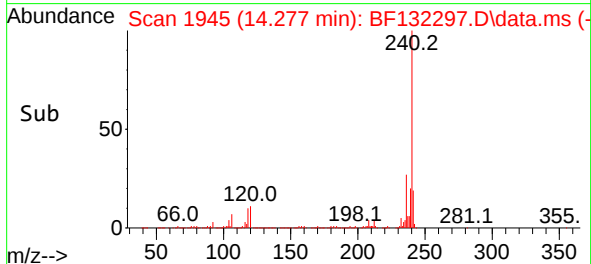
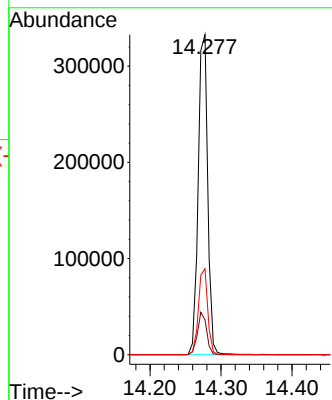
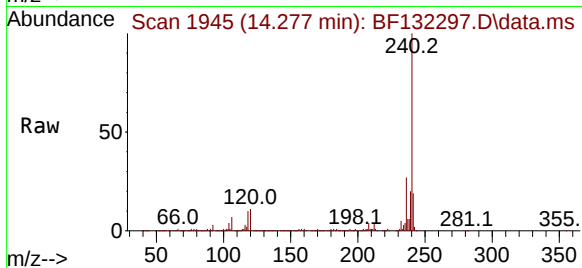




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.277 min Scan# 1945
Delta R.T. -0.012 min
Lab File: BF132297.D
Acq: 02 Feb 2023 18:00

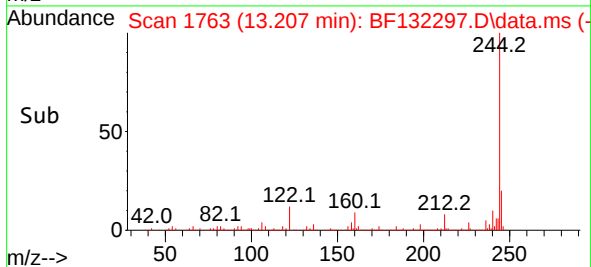
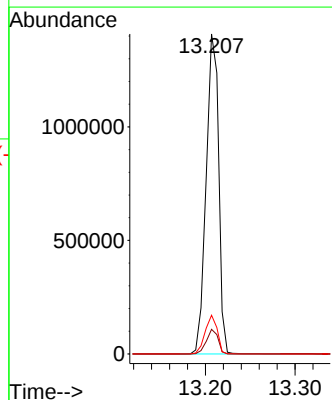
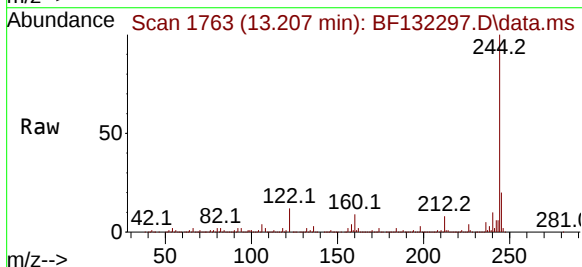
Instrument :
BNA_F
ClientSampleId :
TP-1-WC

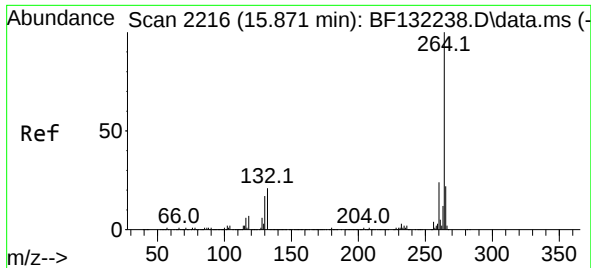
Tgt Ion:240 Resp: 311580
Ion Ratio Lower Upper
240 100
120 10.9 8.8 13.2
236 26.8 21.0 31.6



#79
Terphenyl-d14
Concen: 84.541 ng
RT: 13.207 min Scan# 1763
Delta R.T. -0.006 min
Lab File: BF132297.D
Acq: 02 Feb 2023 18:00

Tgt Ion:244 Resp: 1361729
Ion Ratio Lower Upper
244 100
212 7.7 6.4 9.6
122 12.1 10.5 15.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.860 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF132297.D
Acq: 02 Feb 2023 18:00

Instrument :
BNA_F
ClientSampleId :
TP-1-WC

Tgt Ion:264 Resp: 348591
Ion Ratio Lower Upper
264 100
260 23.8 19.0 28.4
265 21.9 17.4 26.2

