

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062223\
 Data File : BF133902.D
 Acq On : 22 Jun 2023 15:32
 Operator : CG\JU
 Sample : 03321-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-23

Quant Time: Jun 23 02:29:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 23 02:21:26 2023
 Response via : Initial Calibration

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

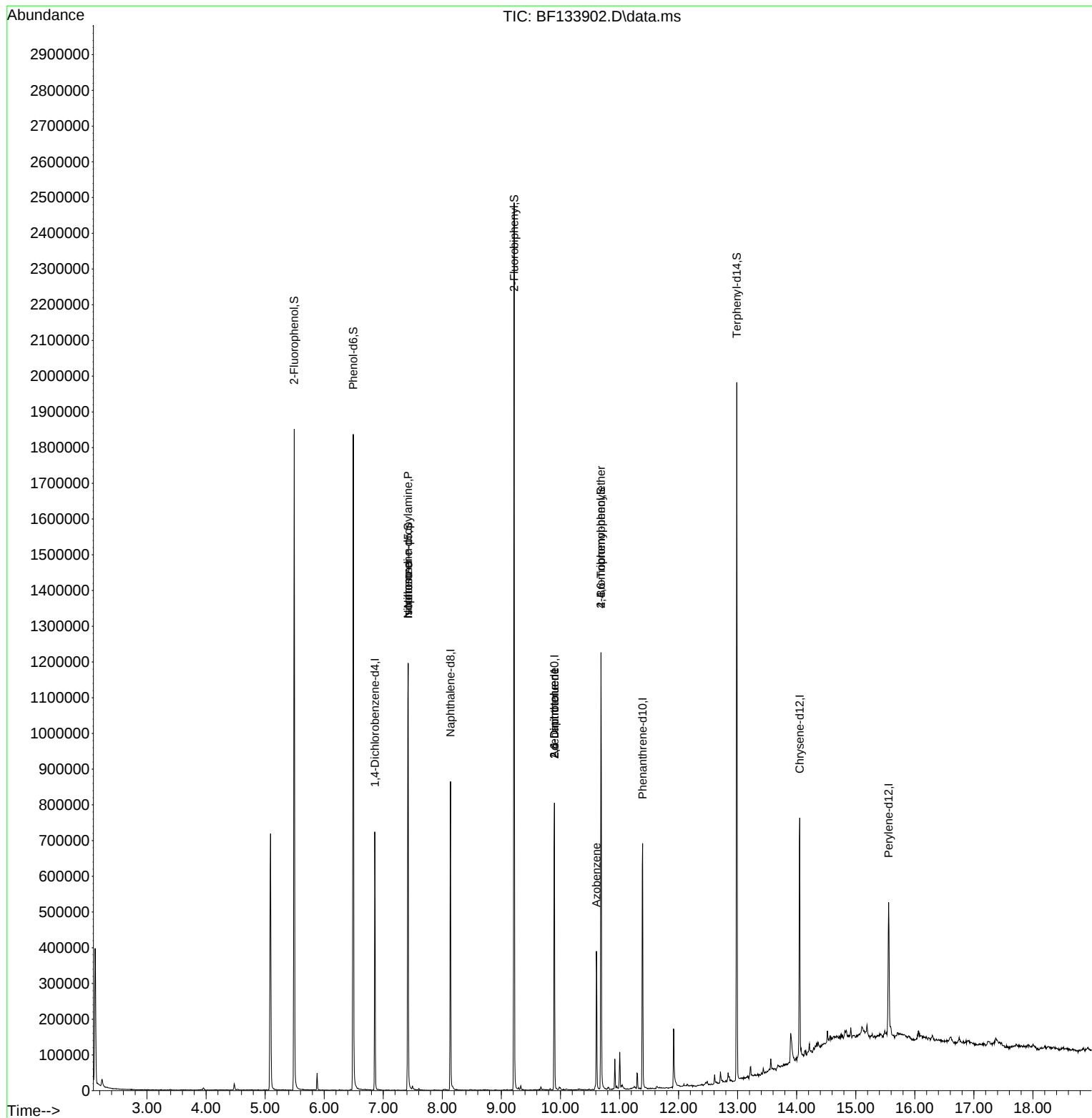
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	98210	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	355686	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	158438	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	262570	20.000	ng	0.00
76) Chrysene-d12	14.051	240	230265	20.000	ng	0.00
86) Perylene-d12	15.556	264	181959	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	457102	81.027	ng	0.00
7) Phenol-d6	6.492	99	544981	74.217	ng	0.00
23) Nitrobenzene-d5	7.422	82	366395	56.107	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	139938	69.776	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	667478	59.887	ng	0.00
79) Terphenyl-d14	12.986	244	626297	42.086	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.422	70	51039	10.924	ng	# 75
25) Isophorone	7.422	82	366392	30.561	ng	# 65
51) 2,6-Dinitrotoluene	9.898	165	19651	8.050	ng	# 28
57) 2,4-Dinitrotoluene	9.898	165	19651	6.330	ng	# 19
63) Azobenzene	10.610	77	64658	5.675	ng	# 1
67) 4-Bromophenyl-phenylether	10.686	248	8284	2.827	ng	# 1

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

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Quant Time: Jun 23 02:29:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 23 02:21:26 2023
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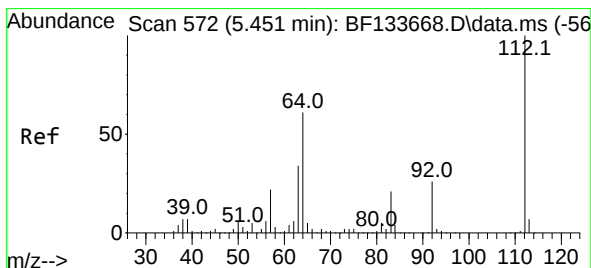
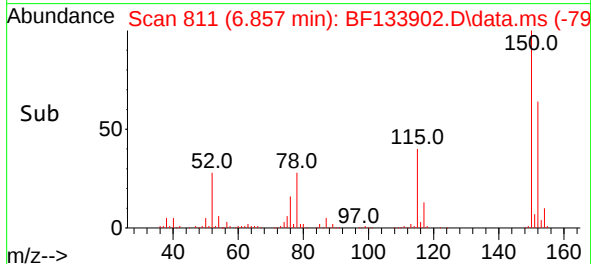
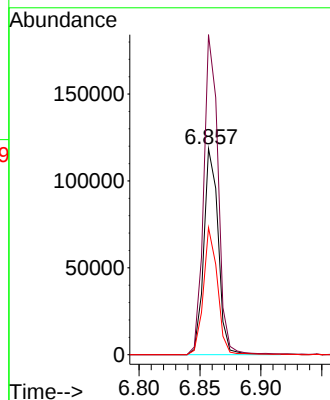
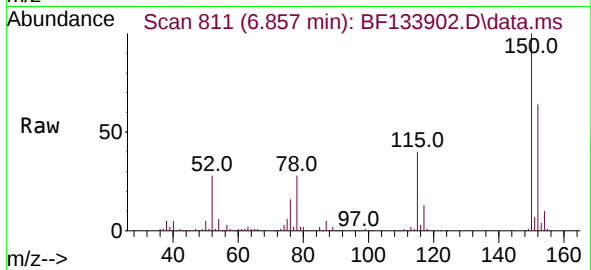




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF133902.D
Acq: 22 Jun 2023 15:32

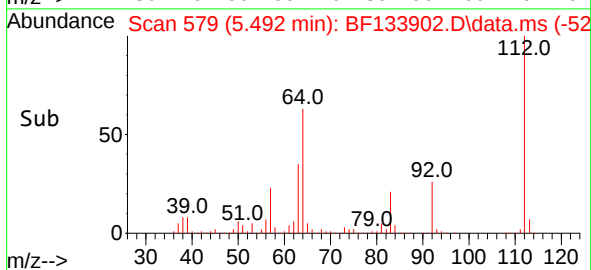
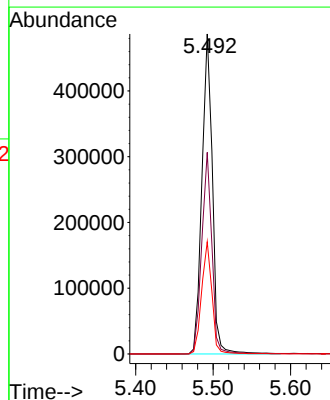
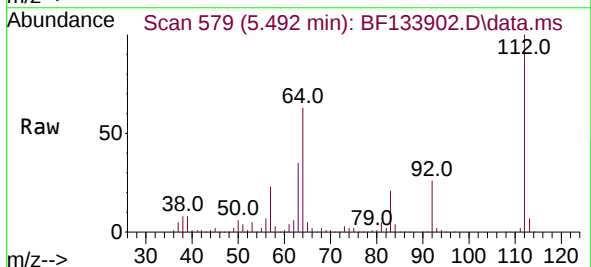
Instrument :
BNA_F
ClientSampleId :
WC-23

Tgt Ion:152 Resp: 98210
Ion Ratio Lower Upper
152 100
150 155.3 124.3 186.5
115 61.6 48.5 72.7



#5
2-Fluorophenol
Concen: 81.027 ng
RT: 5.492 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF133902.D
Acq: 22 Jun 2023 15:32

Tgt Ion:112 Resp: 457102
Ion Ratio Lower Upper
112 100
64 63.0 49.0 73.4
63 35.1 26.8 40.2

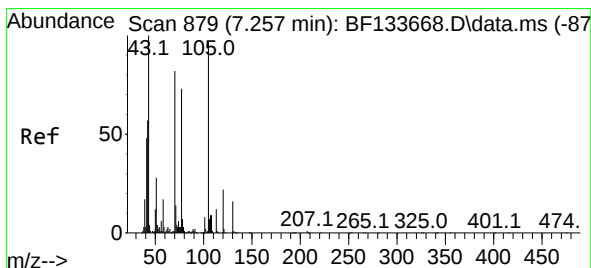
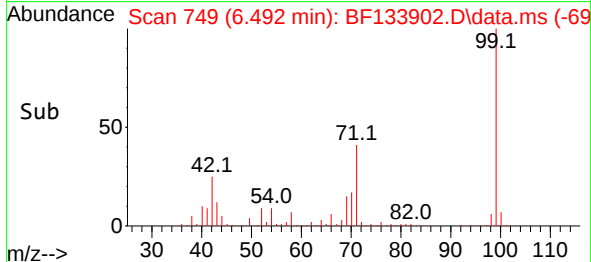
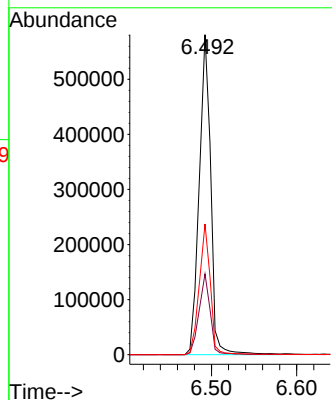
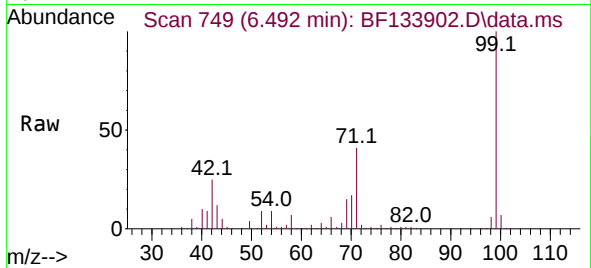




#7
Phenol-d6
Concen: 74.217 ng
RT: 6.492 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF133902.D
Acq: 22 Jun 2023 15:32

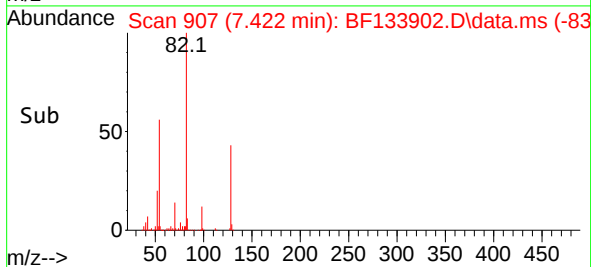
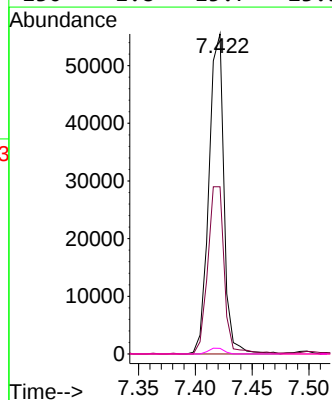
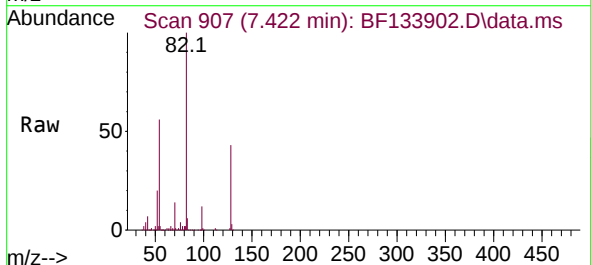
Instrument :
BNA_F
ClientSampleId :
WC-23

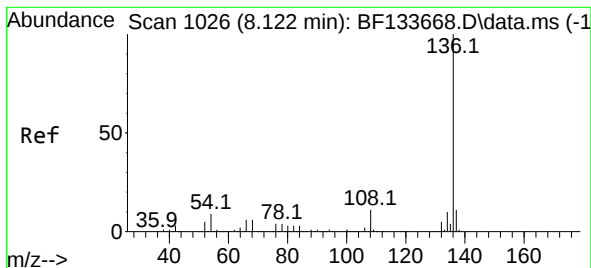
Tgt Ion: 99 Resp: 544981
Ion Ratio Lower Upper
99 100
42 25.3 19.9 29.9
71 40.8 32.2 48.4



#19
n-Nitroso-di-n-propylamine
Concen: 10.924 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.147 min
Lab File: BF133902.D
Acq: 22 Jun 2023 15:32

Tgt Ion: 70 Resp: 51039
Ion Ratio Lower Upper
70 100
42 52.3 55.8 83.8#
101 0.0 8.1 12.1#
130 1.8 15.7 23.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.139 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF133902.D

Acq: 22 Jun 2023 15:32

Instrument :

BNA_F

ClientSampleId :

WC-23

Tgt Ion:136 Resp: 355686

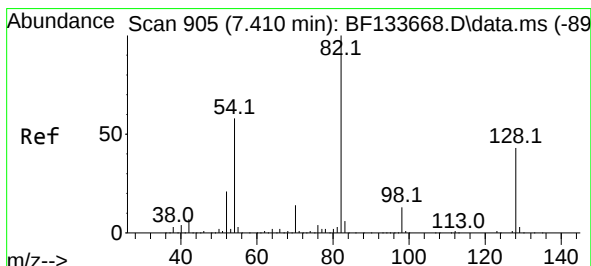
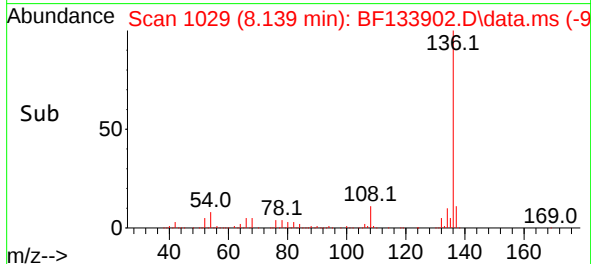
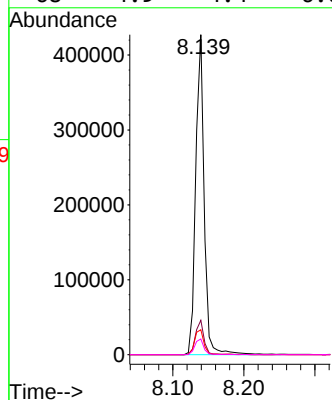
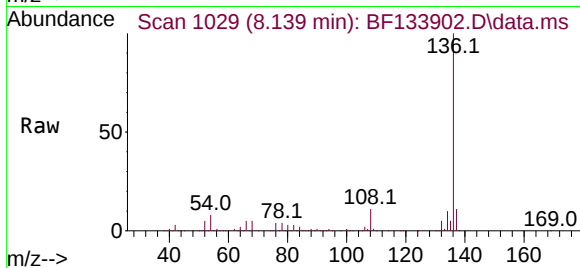
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 7.8 7.4 11.0

68 4.9 4.4 6.6



#23

Nitrobenzene-d5

Concen: 56.107 ng

RT: 7.422 min Scan# 907

Delta R.T. -0.006 min

Lab File: BF133902.D

Acq: 22 Jun 2023 15:32

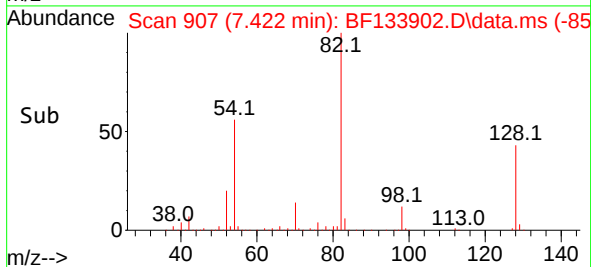
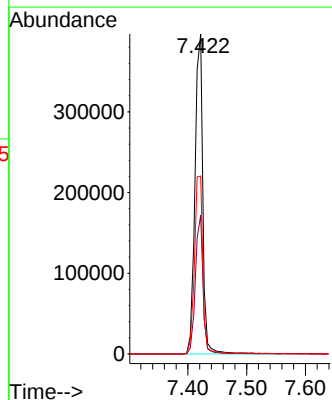
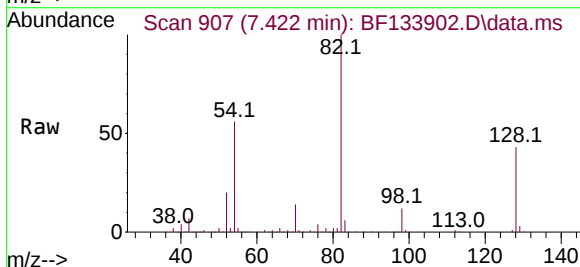
Tgt Ion: 82 Resp: 366395

Ion Ratio Lower Upper

82 100

128 43.4 34.2 51.2

54 55.6 46.5 69.7

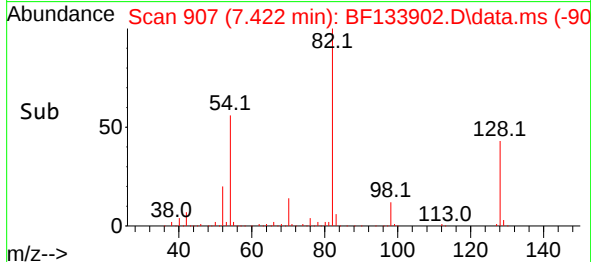
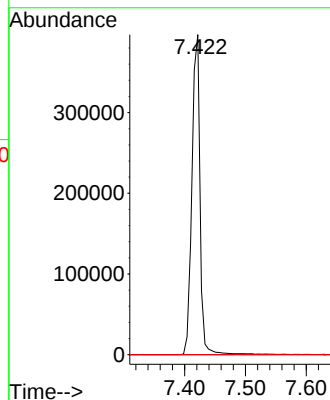
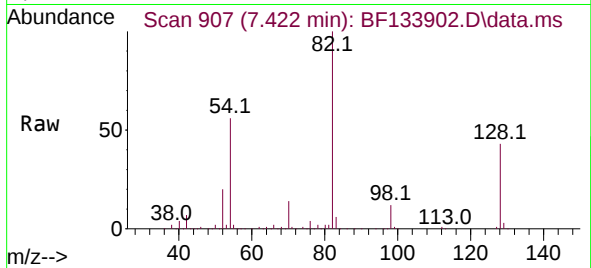




#25
Isophorone
Concen: 30.561 ng
RT: 7.422 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF133902.D
Acq: 22 Jun 2023 15:32

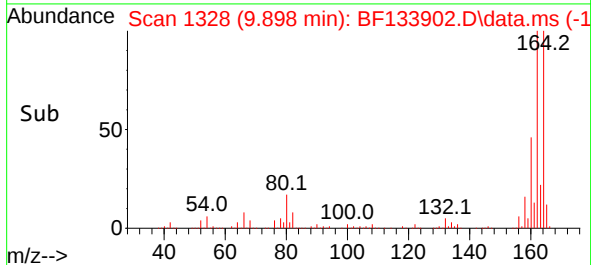
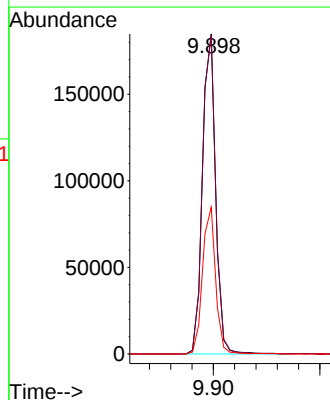
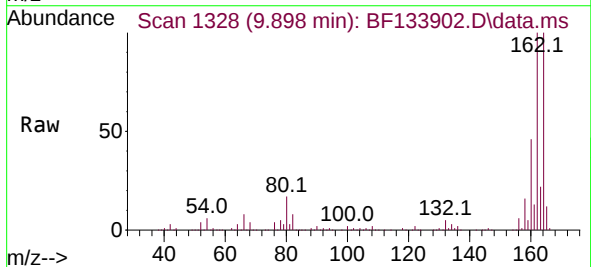
Instrument :
BNA_F
ClientSampleId :
WC-23

Tgt Ion: 82 Resp: 366392
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF133902.D
Acq: 22 Jun 2023 15:32

Tgt Ion:164 Resp: 158438
Ion Ratio Lower Upper
164 100
162 99.5 80.8 121.2
160 45.8 36.7 55.1

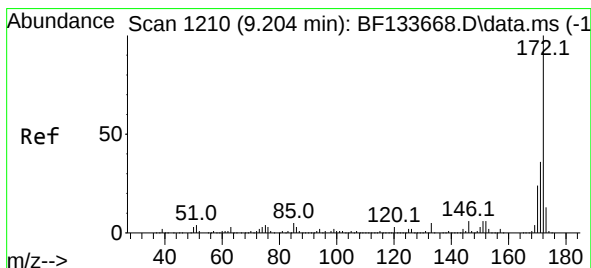
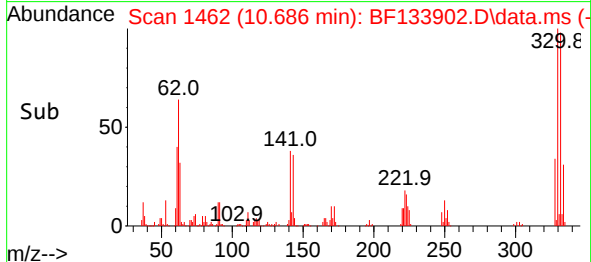
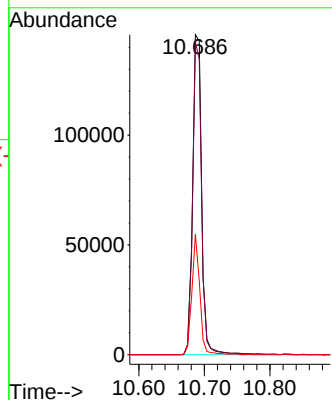
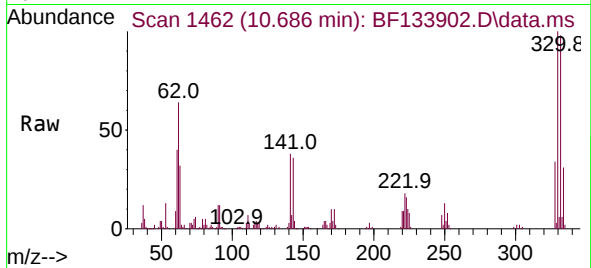




#42
2,4,6-Tribromophenol
Concen: 69.776 ng
RT: 10.686 min Scan# 1460
Delta R.T. -0.012 min
Lab File: BF133902.D
Acq: 22 Jun 2023 15:32

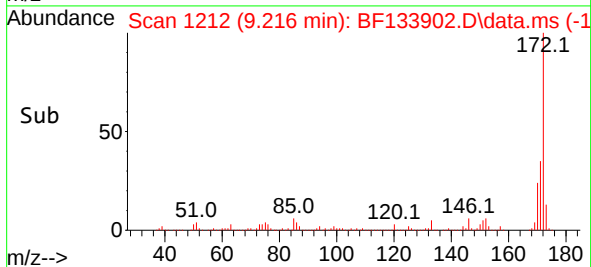
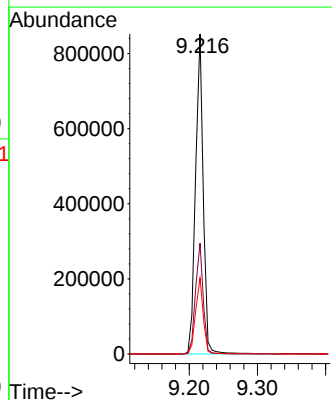
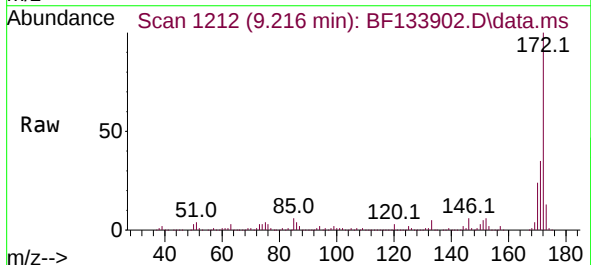
Instrument :
BNA_F
ClientSampleId :
WC-23

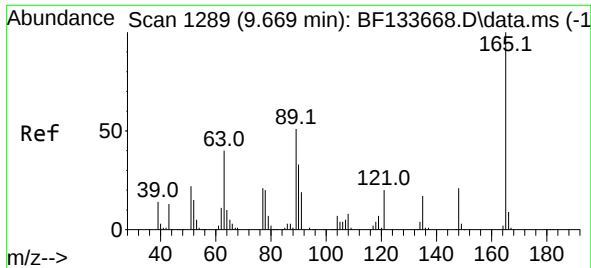
Tgt Ion:330 Resp: 139938
Ion Ratio Lower Upper
330 100
332 96.1 77.2 115.8
141 33.0 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 59.887 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF133902.D
Acq: 22 Jun 2023 15:32

Tgt Ion:172 Resp: 667478
Ion Ratio Lower Upper
172 100
171 34.6 28.6 43.0
170 23.7 19.1 28.7

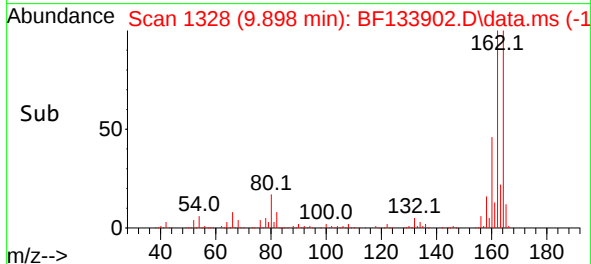
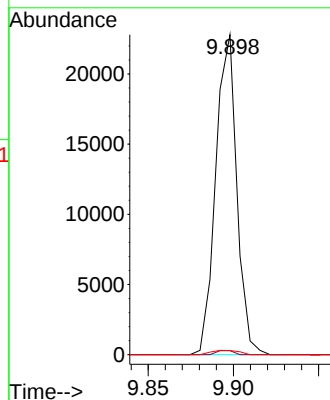
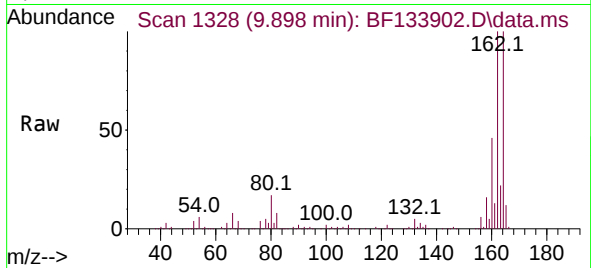




#51
2,6-Dinitrotoluene
Concen: 8.050 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.212 min
Lab File: BF133902.D
Acq: 22 Jun 2023 15:32

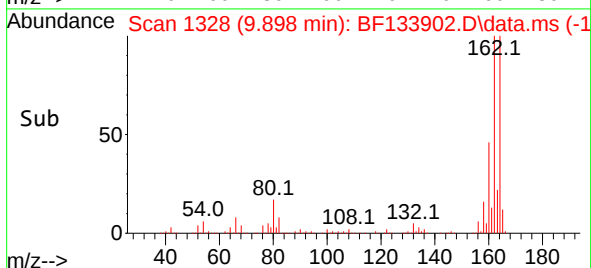
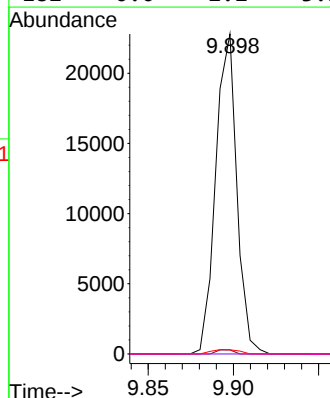
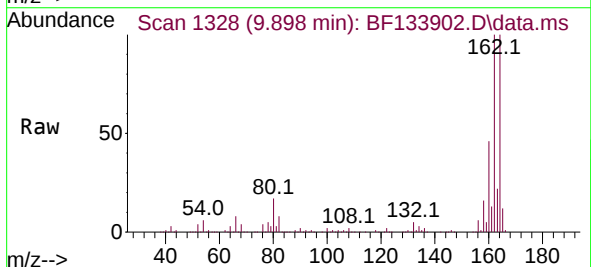
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ClientSampleId :
WC-23

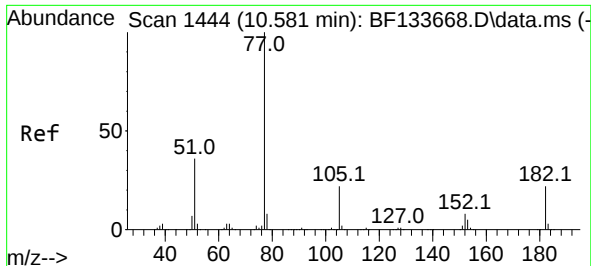
Tgt Ion:165 Resp: 19651
Ion Ratio Lower Upper
165 100
63 1.3 42.1 63.1#
89 1.3 40.9 61.3#



#57
2,4-Dinitrotoluene
Concen: 6.330 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.194 min
Lab File: BF133902.D
Acq: 22 Jun 2023 15:32

Tgt Ion:165 Resp: 19651
Ion Ratio Lower Upper
165 100
63 1.3 43.0 64.6#
89 1.3 62.6 93.8#
182 0.0 2.2 3.2#

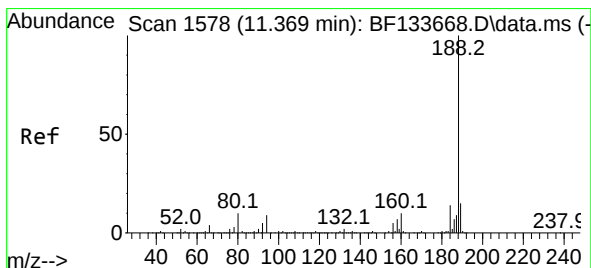
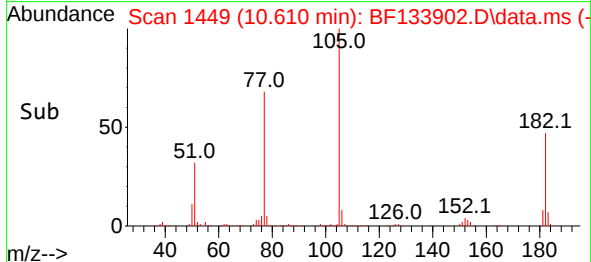
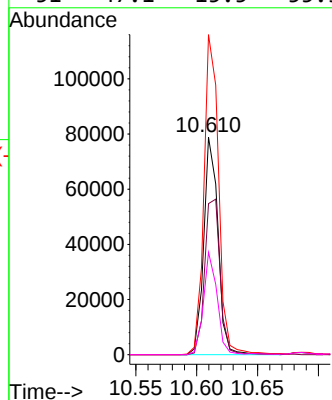
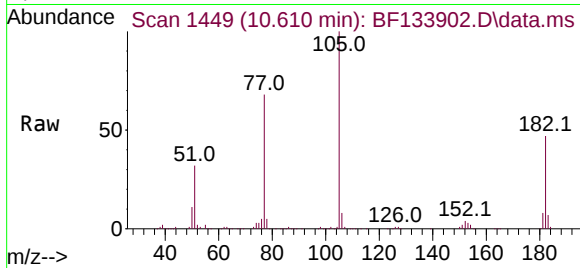




#63
Azobenzene
Concen: 5.675 ng
RT: 10.610 min Scan# 1449
Delta R.T. 0.006 min
Lab File: BF133902.D
Acq: 22 Jun 2023 15:32

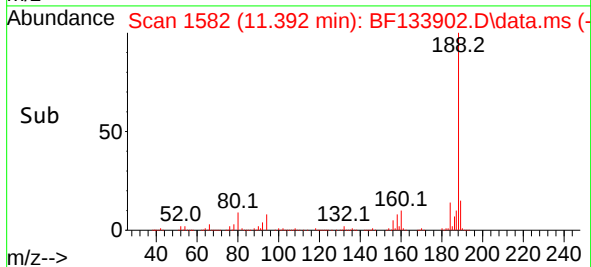
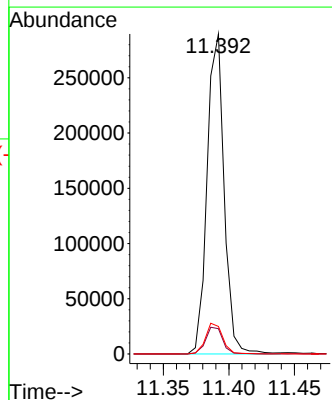
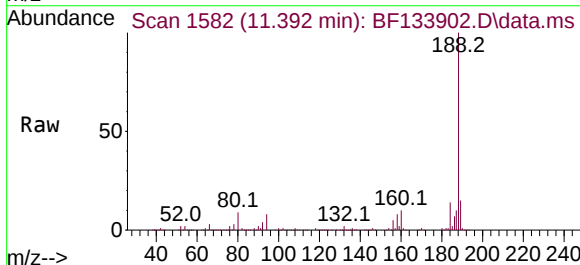
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BNA_F
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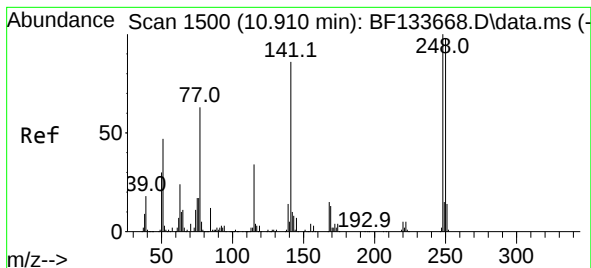
Tgt Ion: 77	Resp: 64658
Ion Ratio	Lower Upper
77 100	
182 69.5	1.6 41.6#
105 147.1	1.6 41.6#
51 47.1	15.5 55.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BF133902.D
Acq: 22 Jun 2023 15:32

Tgt Ion: 188	Resp: 262570
Ion Ratio	Lower Upper
188 100	
94 7.9	6.8 10.2
80 8.6	7.8 11.6

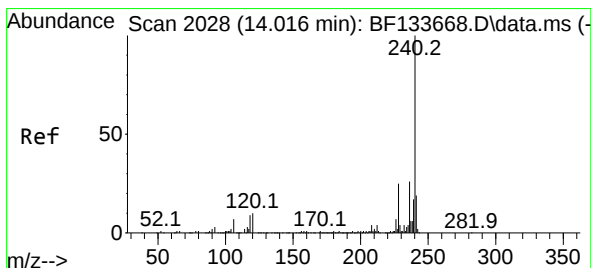
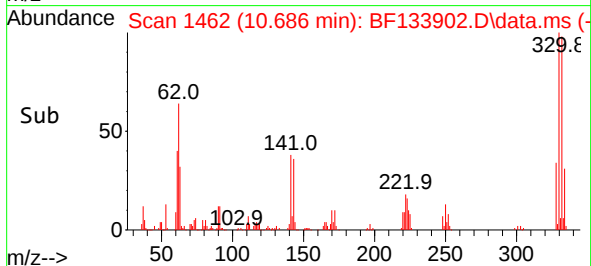
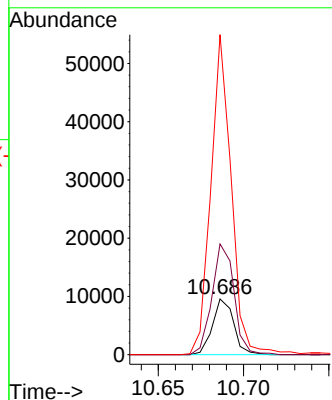
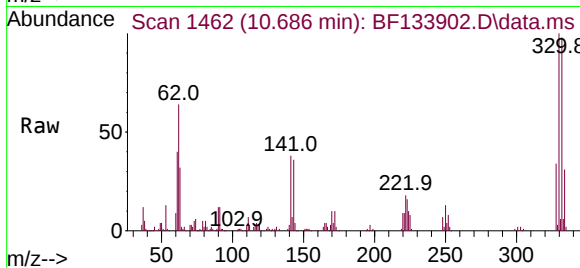




#67
4-Bromophenyl-phenylether
Concen: 2.827 ng
RT: 10.686 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF133902.D
Acq: 22 Jun 2023 15:32

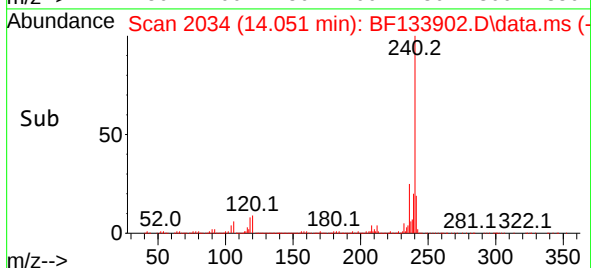
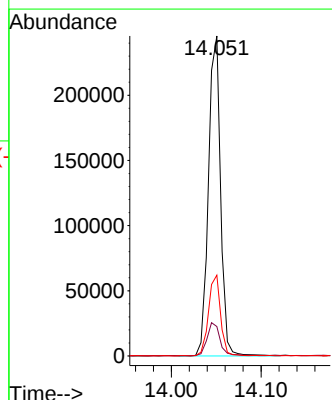
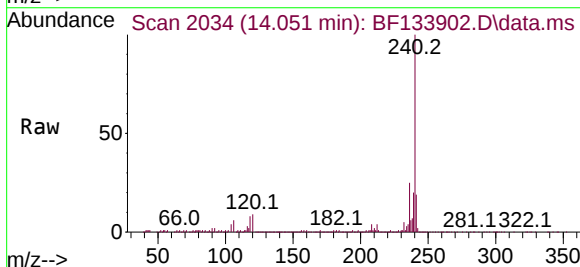
Instrument :
BNA_F
ClientSampleId :
WC-23

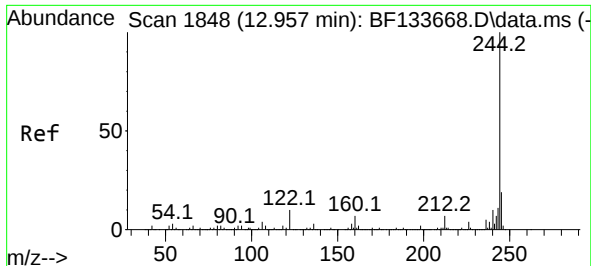
Tgt Ion:248 Resp: 8284
Ion Ratio Lower Upper
248 100
250 199.0 78.3 117.5#
141 575.1 69.0 103.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BF133902.D
Acq: 22 Jun 2023 15:32

Tgt Ion:240 Resp: 230265
Ion Ratio Lower Upper
240 100
120 9.2 8.1 12.1
236 25.3 20.5 30.7

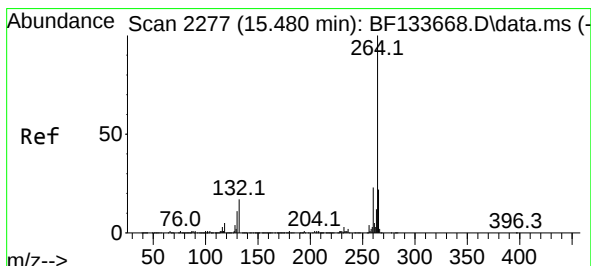
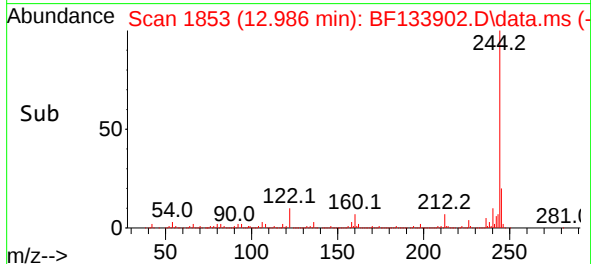
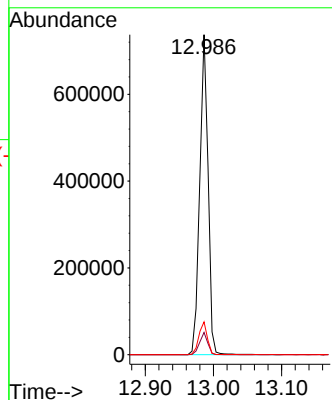
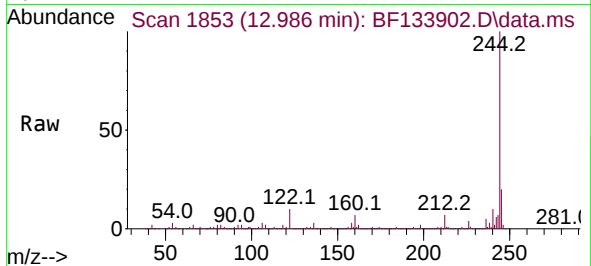




#79
 Terphenyl-d14
 Concen: 42.086 ng
 RT: 12.986 min Scan# 1848
 Delta R.T. -0.006 min
 Lab File: BF133902.D
 Acq: 22 Jun 2023 15:32

Instrument :
 BNA_F
 ClientSampleId :
 WC-23

Tgt Ion:244 Resp: 626297
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.2
 122 10.3 8.1 12.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.556 min Scan# 2290
 Delta R.T. -0.006 min
 Lab File: BF133902.D
 Acq: 22 Jun 2023 15:32

Tgt Ion:264 Resp: 181959
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.2 27.2
 265 22.3 17.8 26.6

