

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122923\
 Data File : BF136826.D
 Acq On : 29 Dec 2023 13:37
 Operator : CG\JU
 Sample : 05899-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GHL-SS-14-2-4

Quant Time: Dec 29 13:56:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

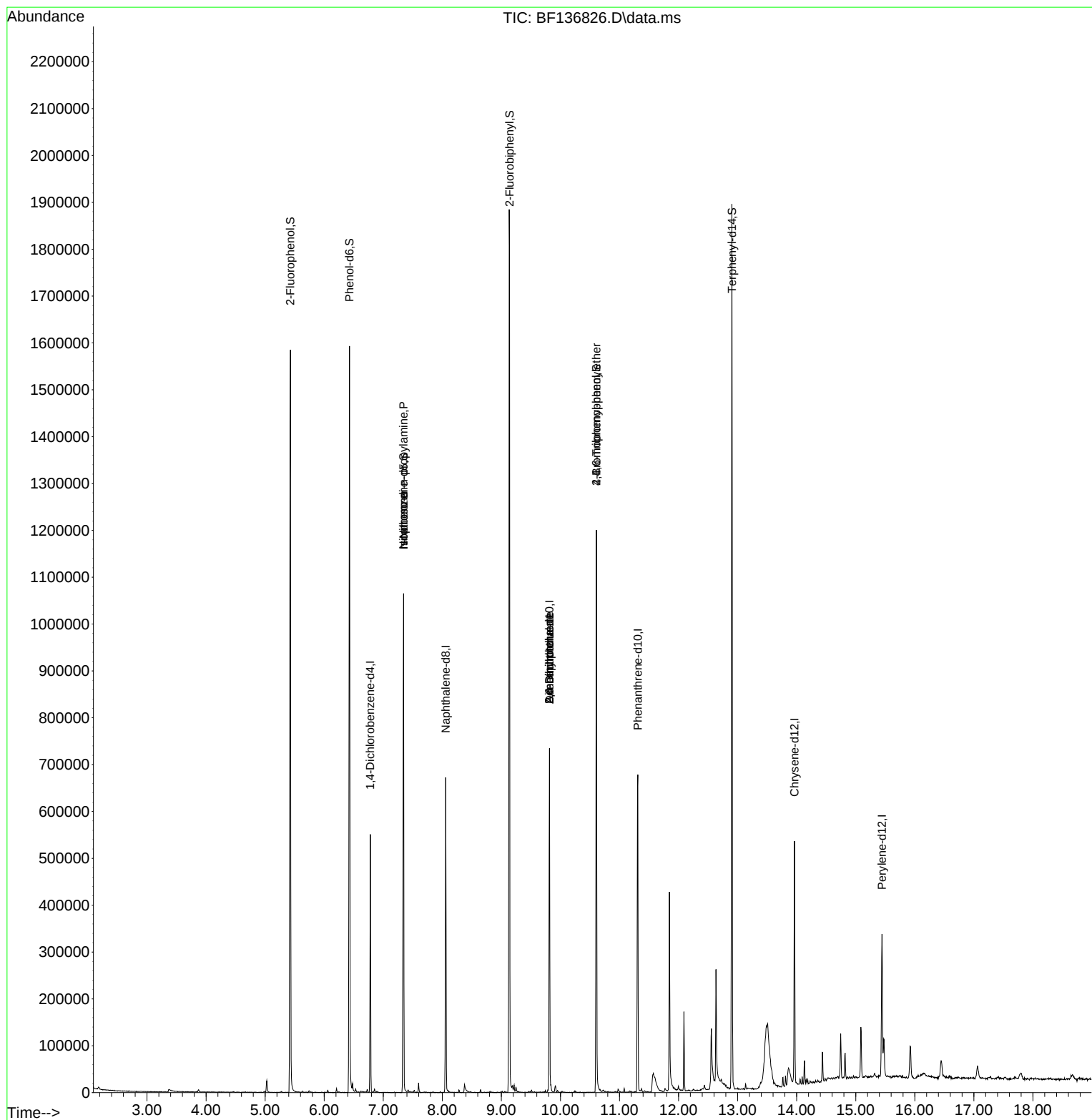
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	72875	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	284558	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	143203	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	270555	20.000	ng	0.00
76) Chrysene-d12	13.963	240	166364	20.000	ng	0.00
86) Perylene-d12	15.445	264	146571	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	424654	90.920	ng	0.00
7) Phenol-d6	6.428	99	533333	88.125	ng	-0.01
23) Nitrobenzene-d5	7.345	82	332346	59.765	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	147976	87.740	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	653411	61.369	ng	-0.01
79) Terphenyl-d14	12.904	244	651985	54.767	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	42720	11.645	ng	# 74
25) Isophorone	7.345	82	332401	32.850	ng	# 65
50) Dimethylphthalate	9.816	163	28198	2.696	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	18497	7.792	ng	# 29
57) 2,4-Dinitrotoluene	9.816	165	18497	6.002	ng	# 21
67) 4-Bromophenyl-phenylether	10.610	248	8974	2.987	ng	# 1

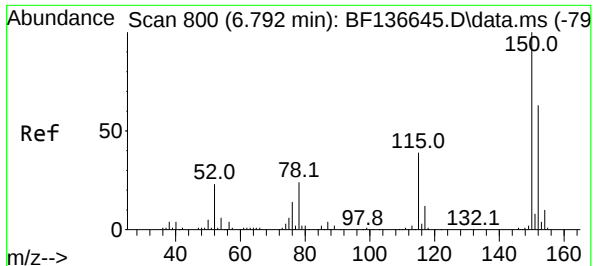
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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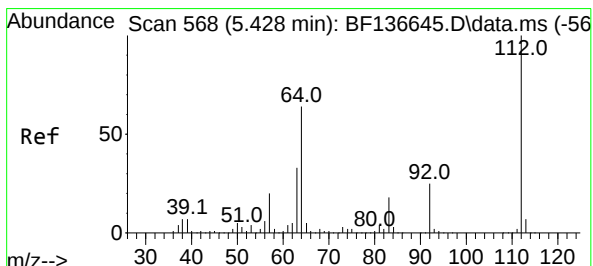
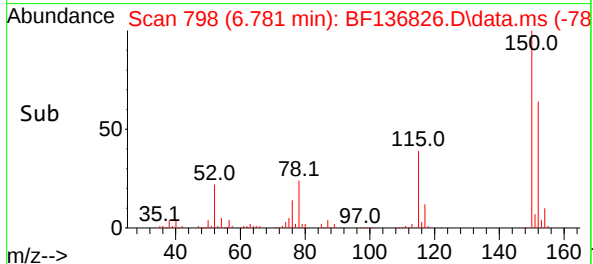
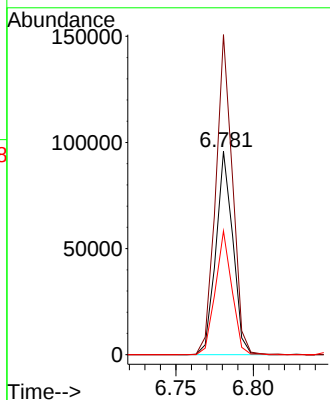
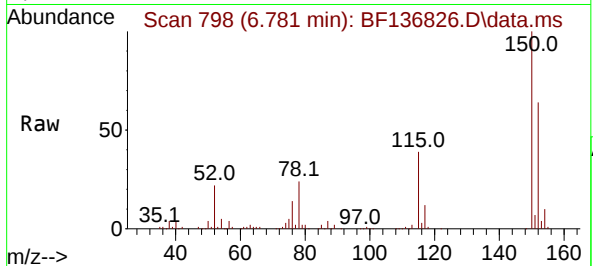




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF136826.D
Acq: 29 Dec 2023 13:37

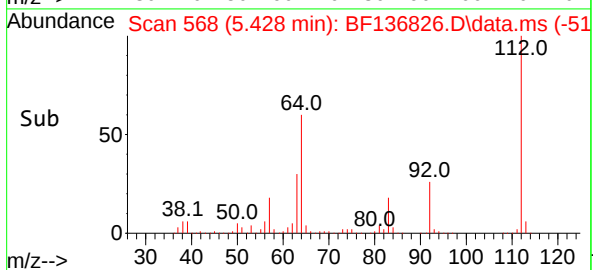
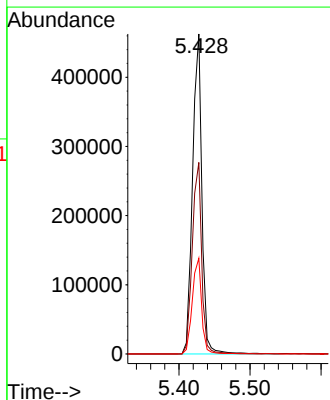
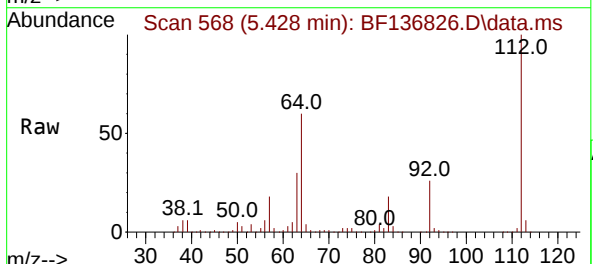
Instrument :
BNA_F
ClientSampleId :
GHL-SS-14-2-4

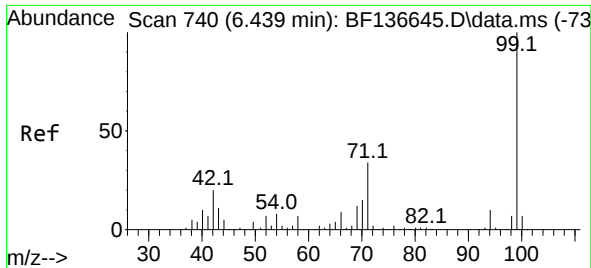
Tgt Ion:152 Resp: 72875
Ion Ratio Lower Upper
152 100
150 157.4 127.0 190.6
115 60.8 49.0 73.4



#5
2-Fluorophenol
Concen: 90.920 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.000 min
Lab File: BF136826.D
Acq: 29 Dec 2023 13:37

Tgt Ion:112 Resp: 424654
Ion Ratio Lower Upper
112 100
64 59.9 51.1 76.7
63 29.9 26.1 39.1

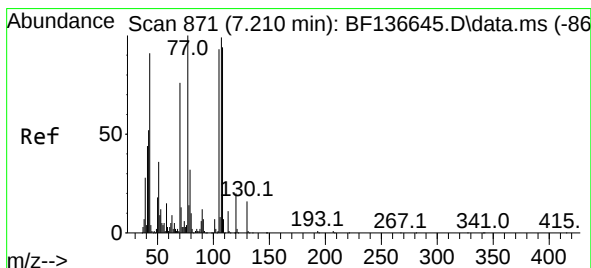
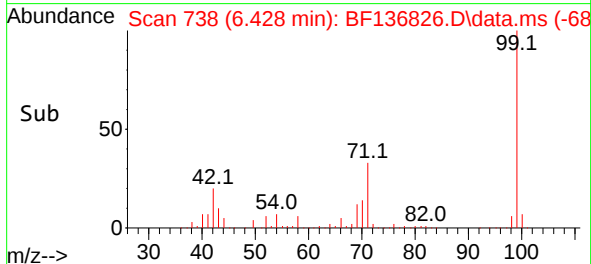
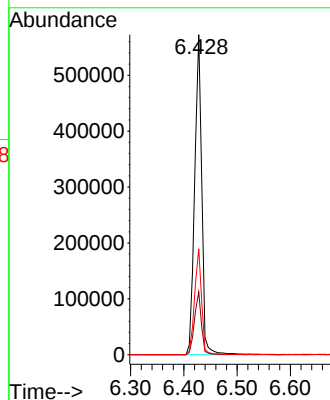
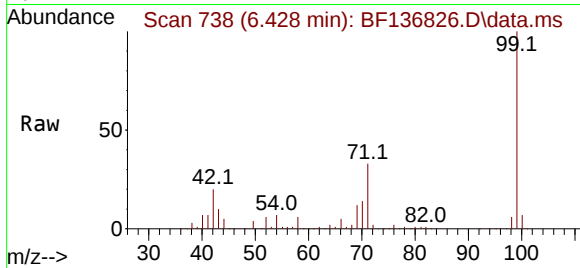




#7
Phenol-d6
Concen: 88.125 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136826.D
Acq: 29 Dec 2023 13:37

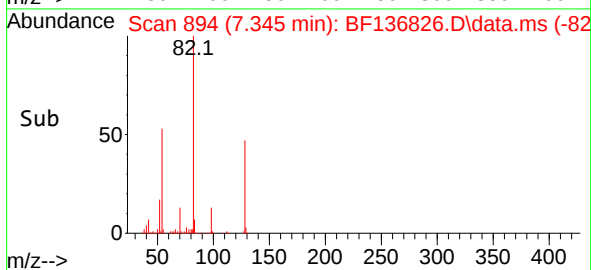
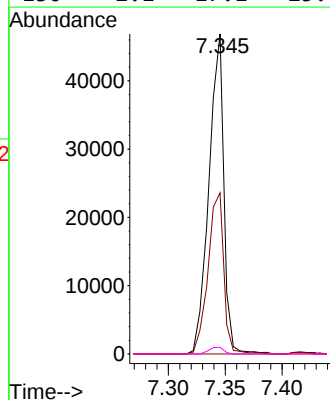
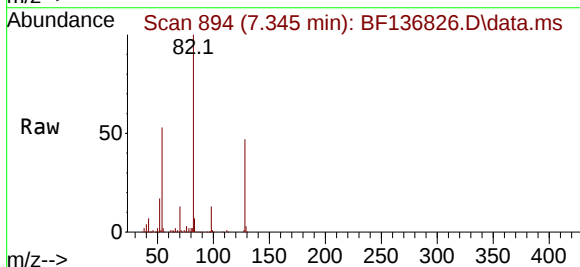
Instrument :
BNA_F
ClientSampleId :
GHL-SS-14-2-4

Tgt Ion: 99 Resp: 533333
Ion Ratio Lower Upper
99 100
42 19.6 16.1 24.1
71 33.1 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 11.645 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF136826.D
Acq: 29 Dec 2023 13:37

Tgt Ion: 70 Resp: 42720
Ion Ratio Lower Upper
70 100
42 50.3 54.2 81.4#
101 0.0 7.6 11.4#
130 2.1 17.1 25.7#



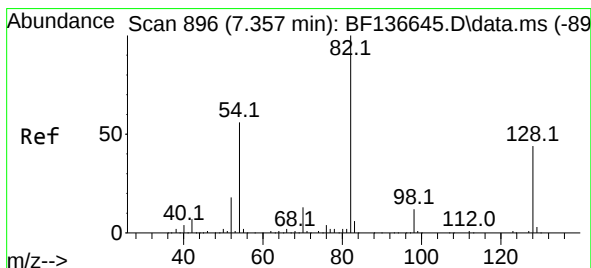
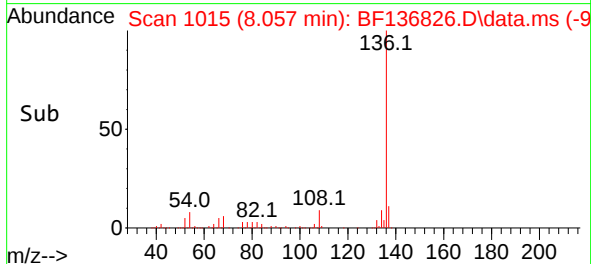
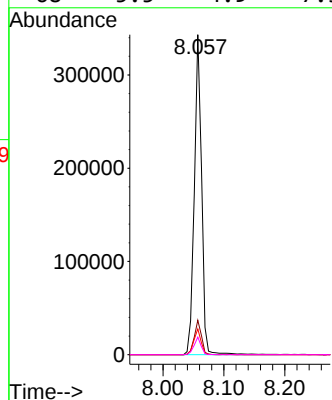
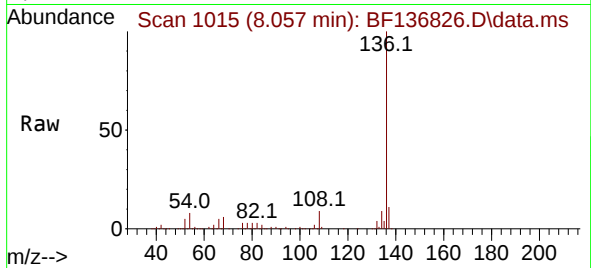


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136826.D
Acq: 29 Dec 2023 13:37

Instrument :
BNA_F
ClientSampleId :
GHL-SS-14-2-4

Tgt Ion:136 Resp: 284558

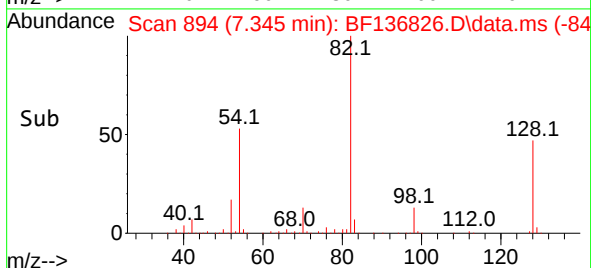
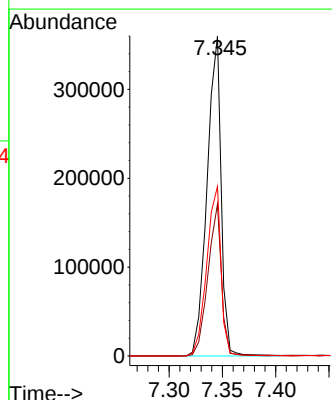
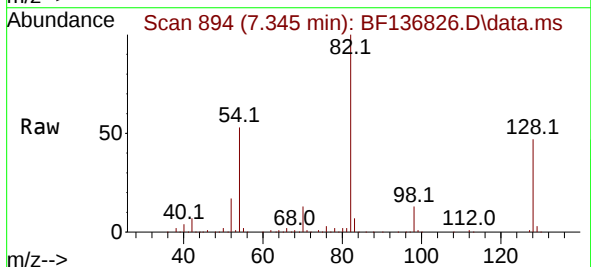
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	8.1	7.2	10.8
68	5.5	4.9	7.3



#23
Nitrobenzene-d5
Concen: 59.765 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF136826.D
Acq: 29 Dec 2023 13:37

Tgt Ion: 82 Resp: 332346

Ion	Ratio	Lower	Upper
82	100		
128	47.4	35.3	52.9
54	53.0	44.5	66.7

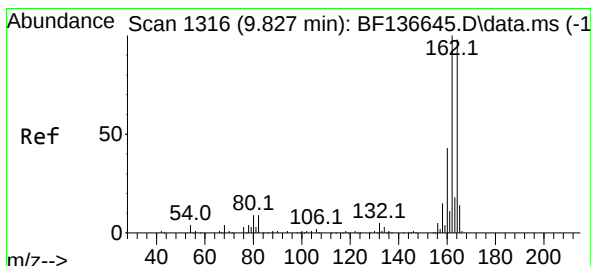
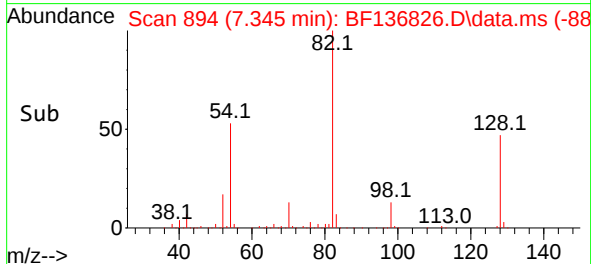
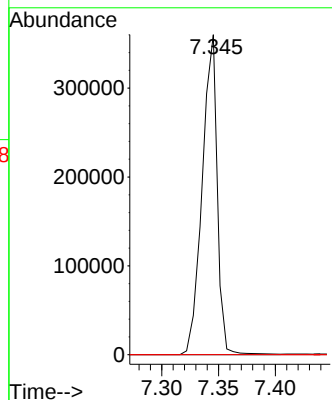
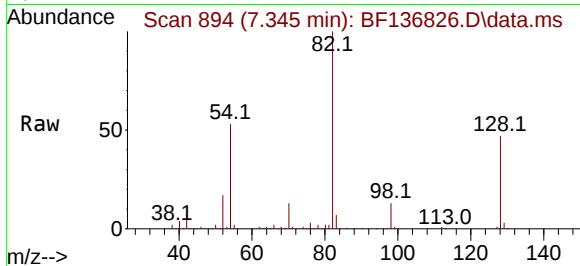




#25
Isophorone
Concen: 32.850 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.270 min
Lab File: BF136826.D
Acq: 29 Dec 2023 13:37

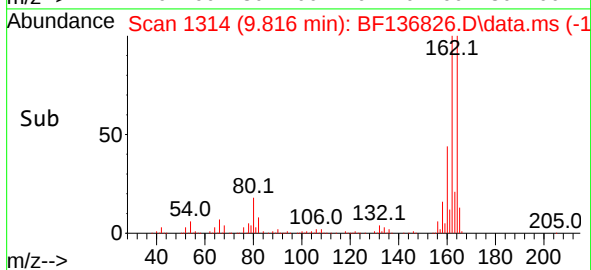
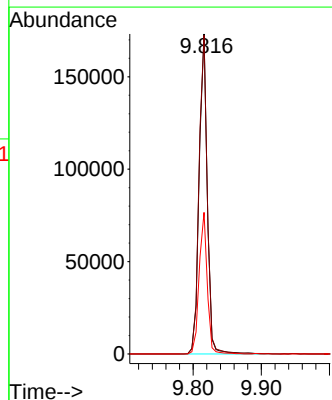
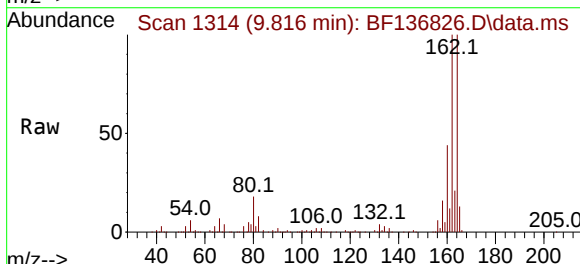
Instrument :
BNA_F
ClientSampleId :
GHL-SS-14-2-4

Tgt Ion: 82 Resp: 332401
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF136826.D
Acq: 29 Dec 2023 13:37

Tgt Ion:164 Resp: 143203
Ion Ratio Lower Upper
164 100
162 99.6 81.6 122.4
160 44.3 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 87.740 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF136826.D

Acq: 29 Dec 2023 13:37

Instrument :

BNA_F

ClientSampleId :

GHL-SS-14-2-4

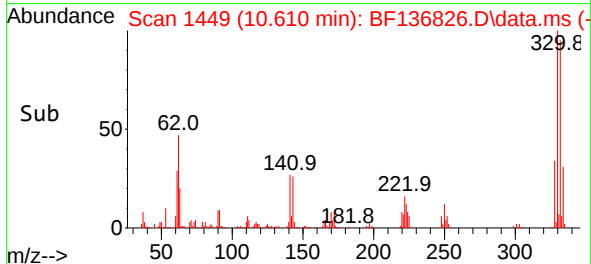
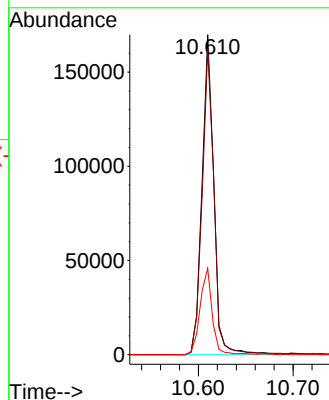
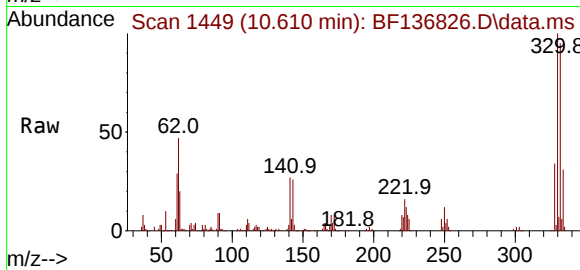
Tgt Ion:330 Resp: 147976

Ion Ratio Lower Upper

330 100

332 95.2 77.4 116.0

141 27.7 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 61.369 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF136826.D

Acq: 29 Dec 2023 13:37

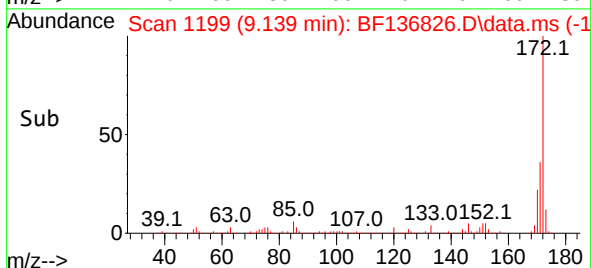
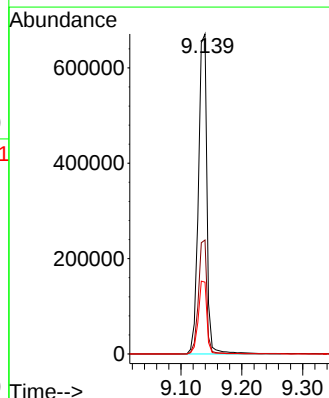
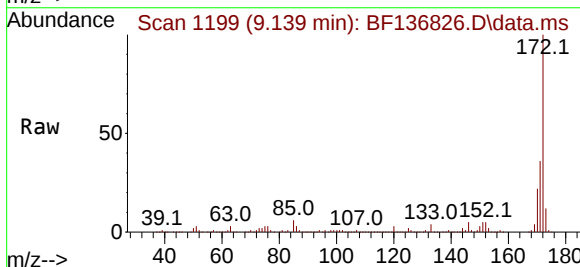
Tgt Ion:172 Resp: 653411

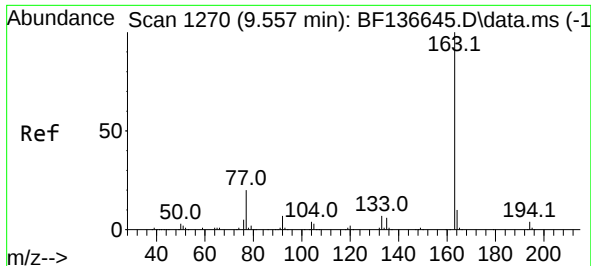
Ion Ratio Lower Upper

172 100

171 35.6 29.0 43.6

170 22.5 19.0 28.4

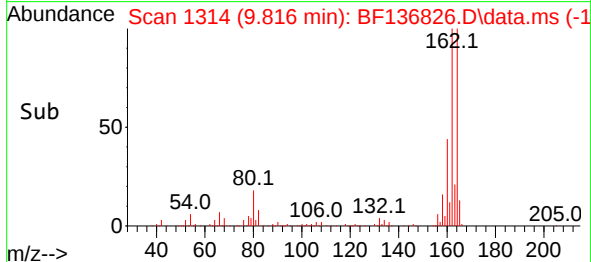
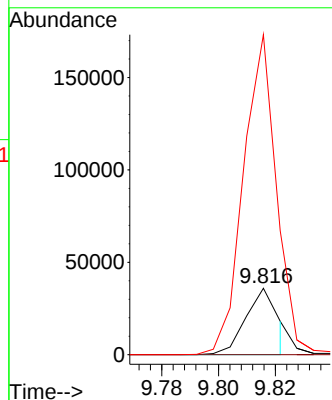
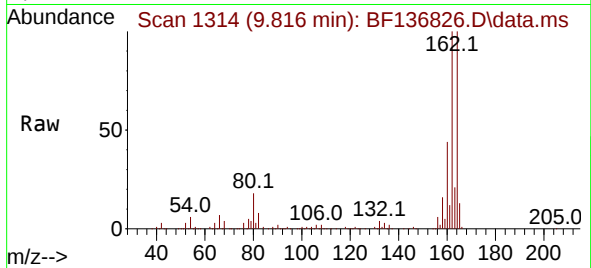




#50
Dimethylphthalate
Concen: 2.696 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.259 min
Lab File: BF136826.D
Acq: 29 Dec 2023 13:37

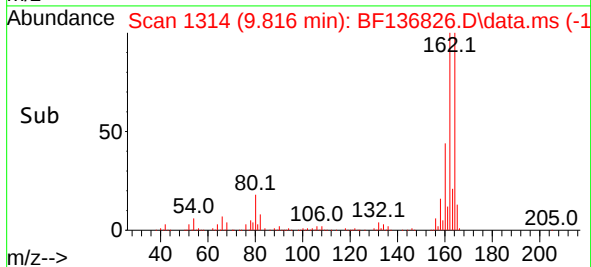
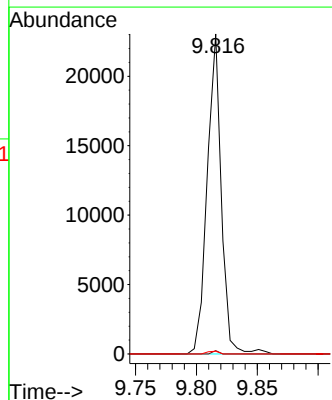
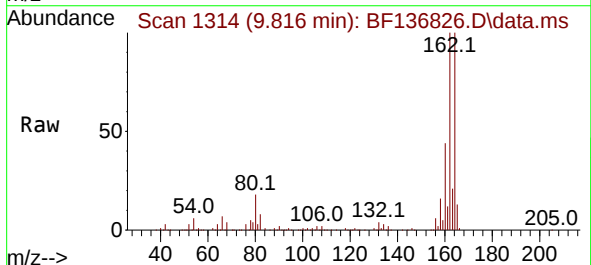
Instrument :
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GHL-SS-14-2-4

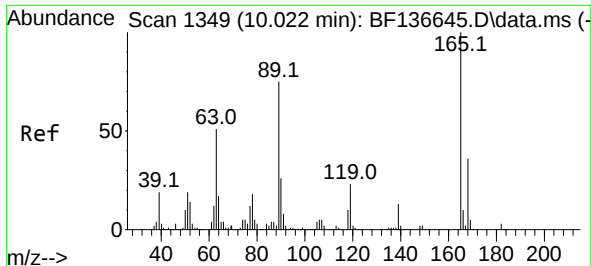
Tgt Ion:163 Resp: 28198
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 481.7 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 7.792 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.194 min
Lab File: BF136826.D
Acq: 29 Dec 2023 13:37

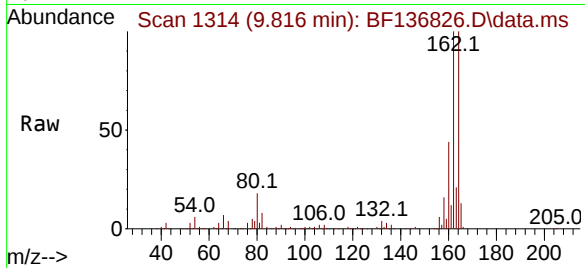
Tgt Ion:165 Resp: 18497
Ion Ratio Lower Upper
165 100
63 1.0 39.8 59.6#
89 0.8 38.8 58.2#



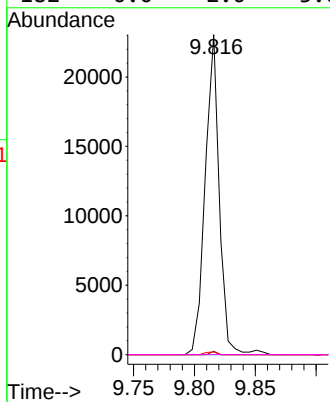
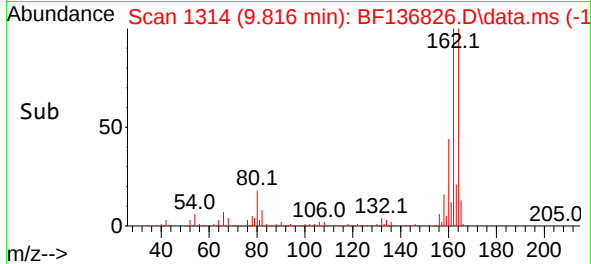


#57
2,4-Dinitrotoluene
Concen: 6.002 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF136826.D
Acq: 29 Dec 2023 13:37

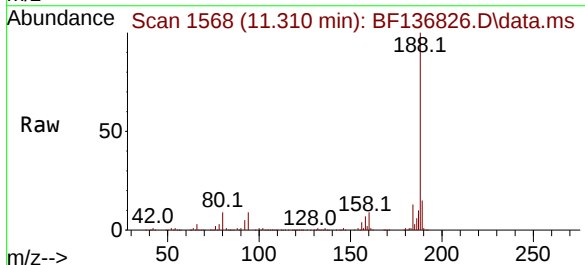
Instrument :
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ClientSampleId :
GHL-SS-14-2-4



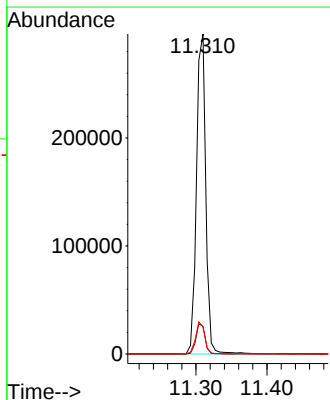
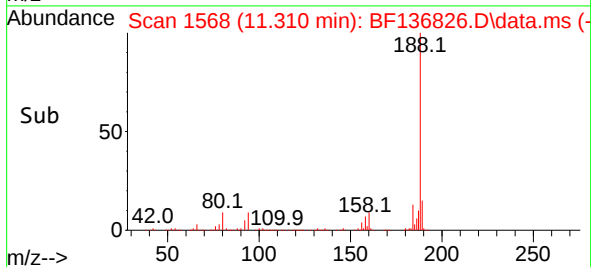
Tgt Ion:165 Resp: 18497
Ion Ratio Lower Upper
165 100
63 1.0 41.0 61.6#
89 0.8 59.9 89.9#
182 0.0 2.0 3.0#

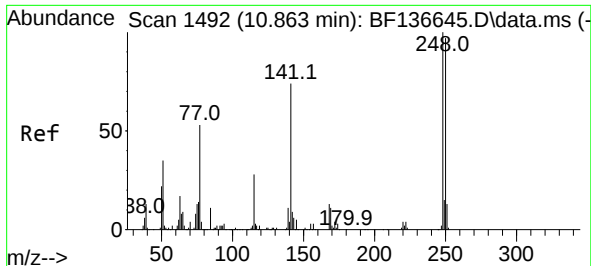


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF136826.D
Acq: 29 Dec 2023 13:37



Tgt Ion:188 Resp: 270555
Ion Ratio Lower Upper
188 100
94 8.5 7.5 11.3
80 8.6 8.1 12.1

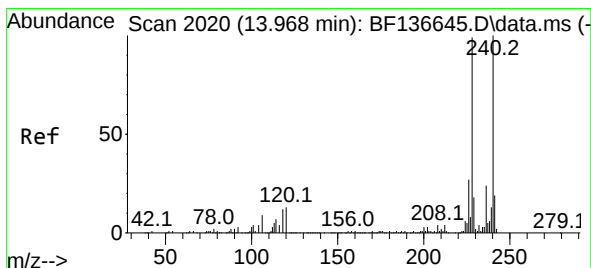
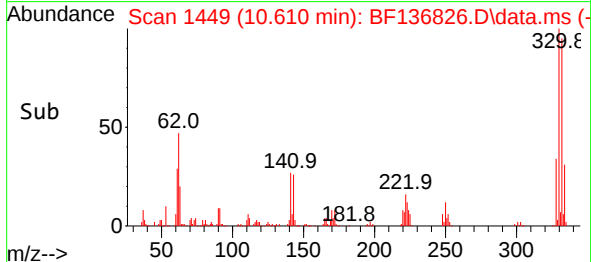
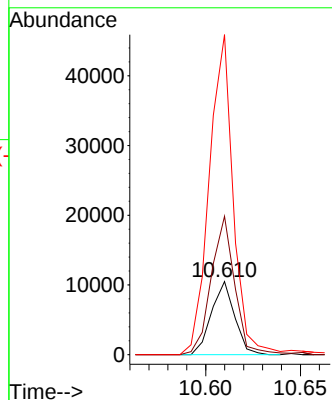
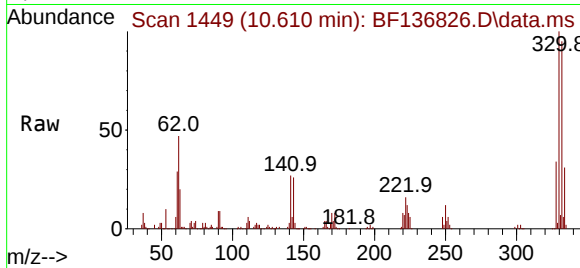




#67
4-Bromophenyl-phenylether
Concen: 2.987 ng
RT: 10.610 min Scan# 1492
Delta R.T. -0.253 min
Lab File: BF136826.D
Acq: 29 Dec 2023 13:37

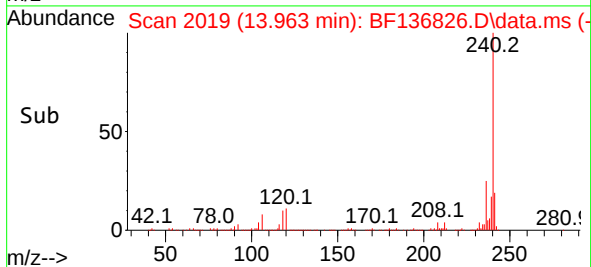
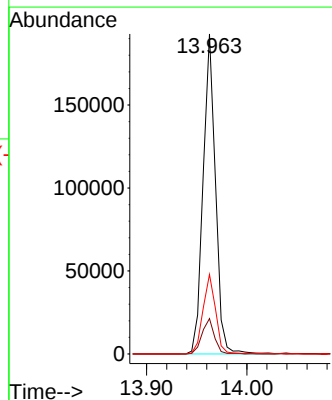
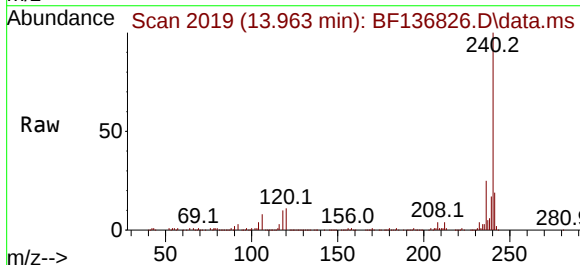
Instrument :
BNA_F
ClientSampleId :
GHL-SS-14-2-4

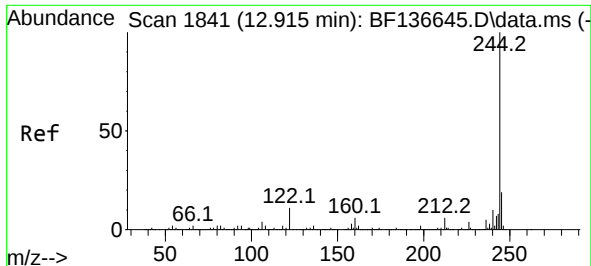
Tgt Ion:248 Resp: 8974
Ion Ratio Lower Upper
248 100
250 189.4 77.8 116.6#
141 437.9 59.2 88.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136826.D
Acq: 29 Dec 2023 13:37

Tgt Ion:240 Resp: 166364
Ion Ratio Lower Upper
240 100
120 11.0 10.3 15.5
236 24.8 19.4 29.2

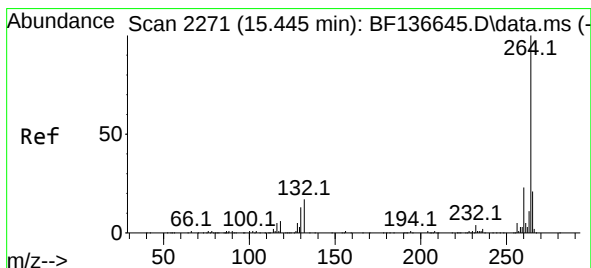
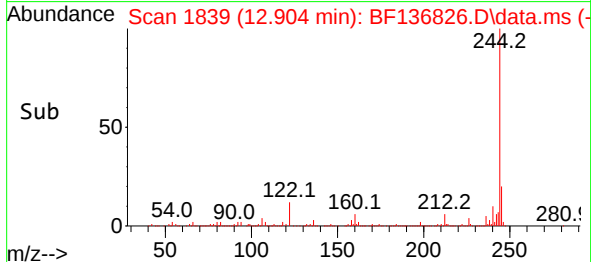
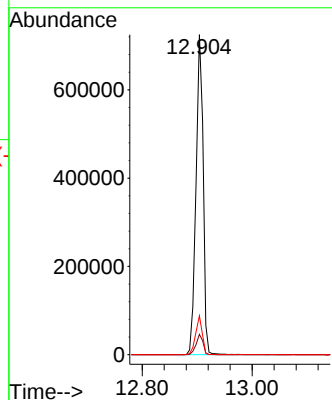
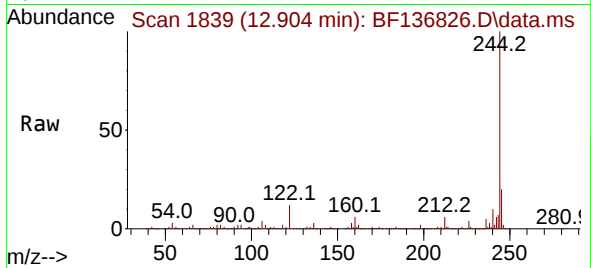




#79
 Terphenyl-d14
 Concen: 54.767 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. -0.012 min
 Lab File: BF136826.D
 Acq: 29 Dec 2023 13:37

Instrument :
 BNA_F
 ClientSampleId :
 GHL-SS-14-2-4

Tgt Ion:244 Resp: 651985
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.0 7.4
 122 12.2 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.445 min Scan# 2271
 Delta R.T. 0.000 min
 Lab File: BF136826.D
 Acq: 29 Dec 2023 13:37

Tgt Ion:264 Resp: 146571
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.3 27.5
 265 20.8 17.0 25.6

