

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112123\
 Data File : BG059812.D
 Acq On : 22 Nov 2023 4:32
 Operator : MA/JU
 Sample : 05351-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-241

Quant Time: Nov 22 05:28:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 01:51:38 2023
 Response via : Initial Calibration

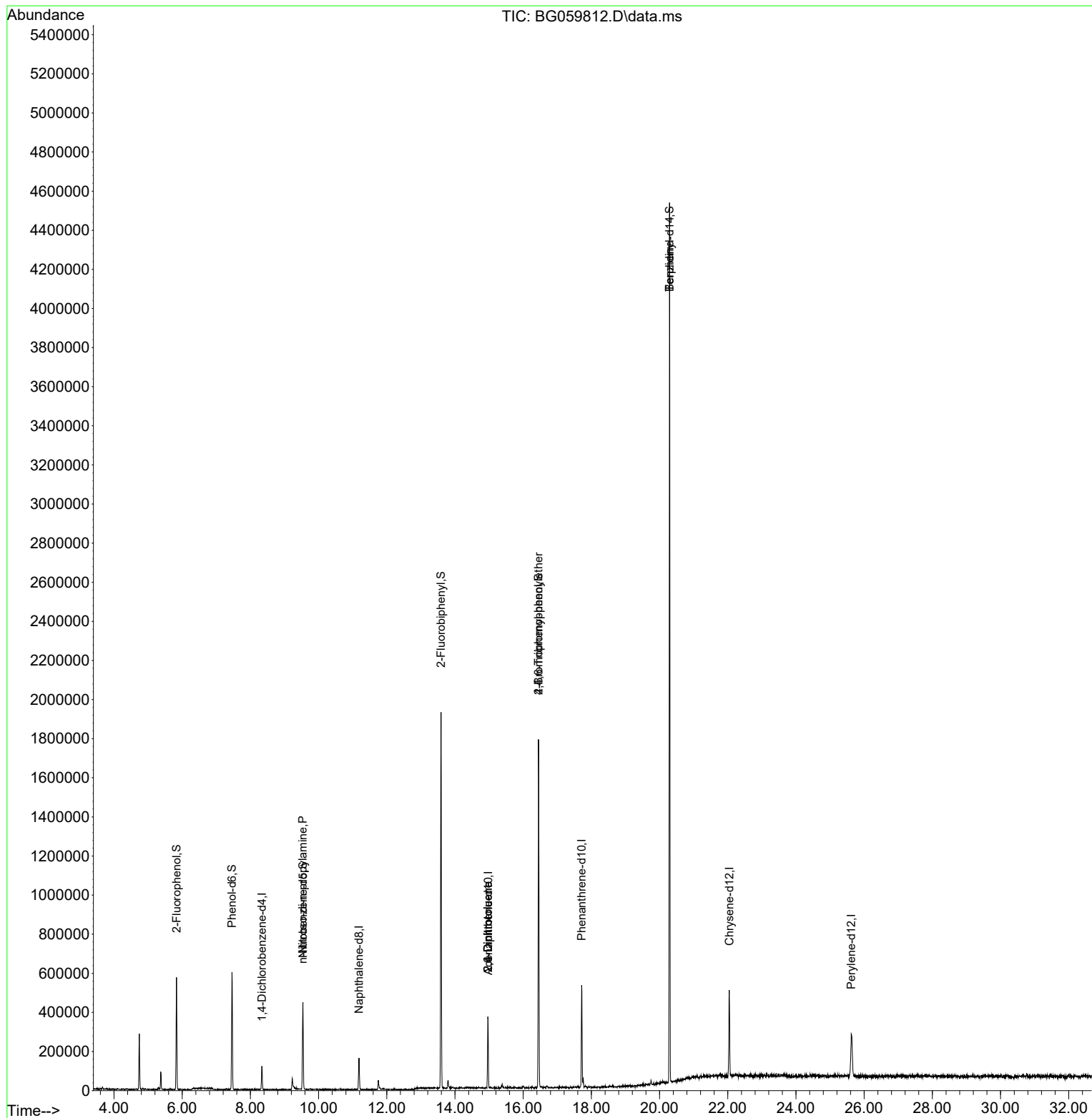
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.336	152	25440	20.000	ng	# 0.00
21) Naphthalene-d8	11.186	136	106894	20.000	ng	# 0.00
39) Acenaphthene-d10	14.970	164	119456	20.000	ng	0.00
64) Phenanthrene-d10	17.713	188	295796	20.000	ng	# 0.00
76) Chrysene-d12	22.044	240	260989	20.000	ng	0.00
86) Perylene-d12	25.622	264	268122	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.833	112	188951	125.012	ng	0.00
7) Phenol-d6	7.461	99	268310	119.790	ng	0.00
23) Nitrobenzene-d5	9.541	82	261679	93.495	ng	0.00
42) 2,4,6-Tribromophenol	16.450	330	236613	174.574	ng	0.00
45) 2-Fluorobiphenyl	13.589	172	827567	93.251	ng	0.00
79) Terphenyl-d14	20.293	244	1838974	104.019	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.535	70	44345	25.141	ng	# 85
51) 2,6-Dinitrotoluene	14.964	165	16378	9.326	ng	# 2
57) 2,4-Dinitrotoluene	14.964	165	16378	6.064	ng	# 5
67) 4-Bromophenyl-phenylether	16.450	248	15979	5.028	ng	# 1
77) Benzidine	20.293	184	54848	9.268	ng	# 92

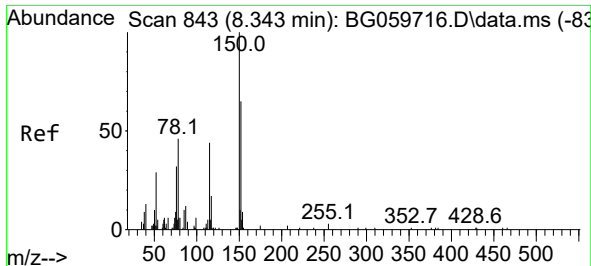
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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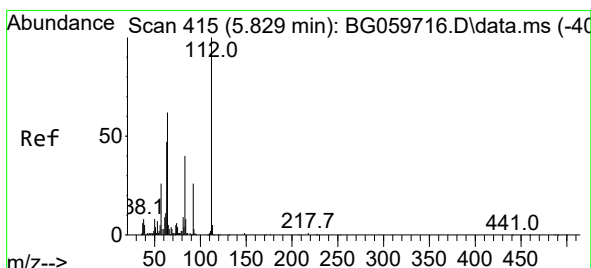
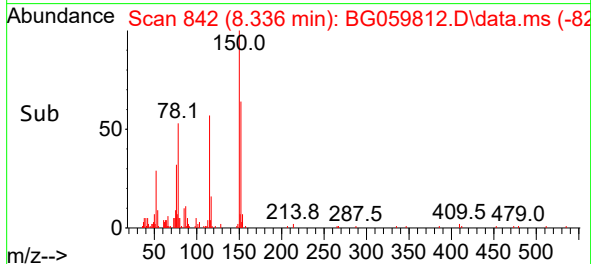
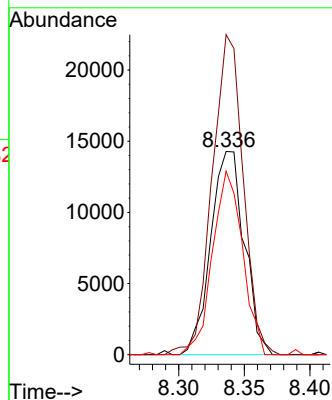
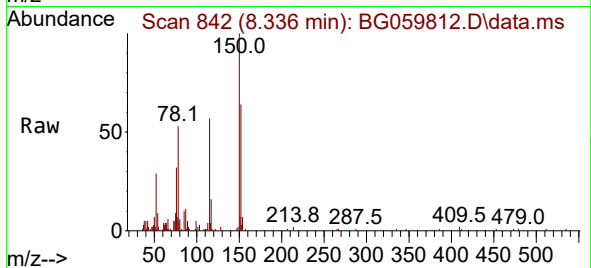




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.336 min Scan# 84
Delta R.T. -0.007 min
Lab File: BG059812.D
Acq: 22 Nov 2023 4:32

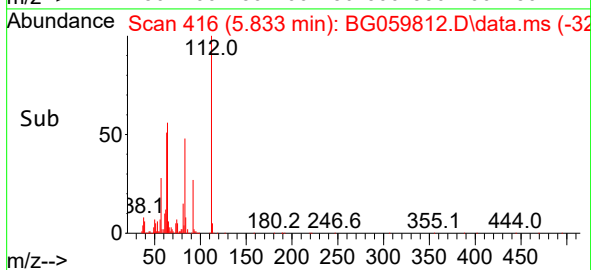
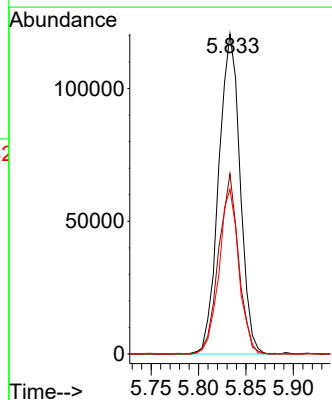
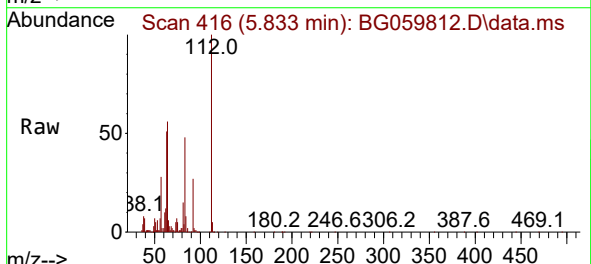
Instrument :
BNA_G
ClientSampleId :
VNJ-241

Tgt Ion:152 Resp: 25440
Ion Ratio Lower Upper
152 100
150 157.4 122.2 183.4
115 90.3 54.2 81.4#



#5
2-Fluorophenol
Concen: 125.012 ng
RT: 5.833 min Scan# 416
Delta R.T. 0.004 min
Lab File: BG059812.D
Acq: 22 Nov 2023 4:32

Tgt Ion:112 Resp: 188951
Ion Ratio Lower Upper
112 100
64 56.3 49.5 74.3
63 51.4 37.4 56.2

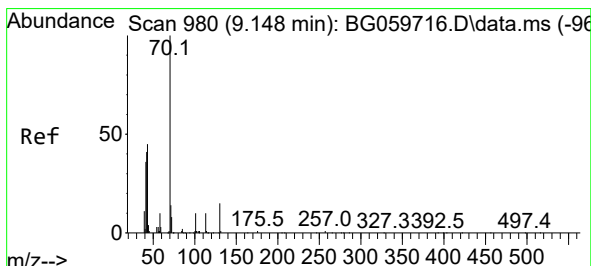
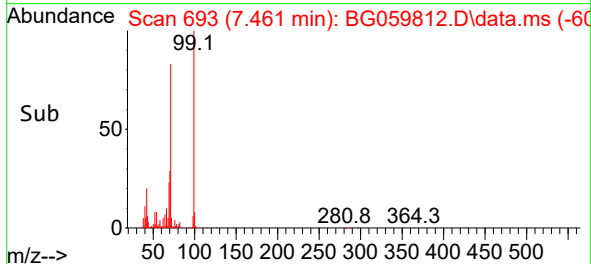
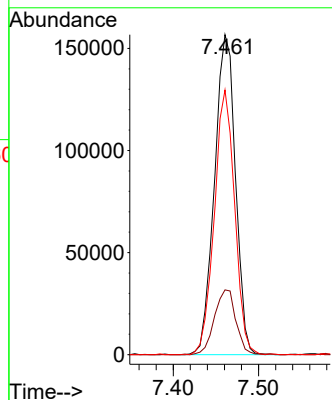
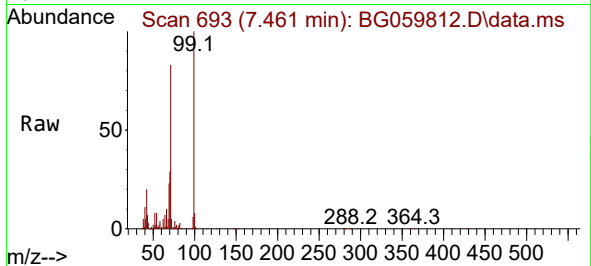




#7
Phenol-d6
Concen: 119.790 ng
RT: 7.461 min Scan# 692
Delta R.T. 0.004 min
Lab File: BG059812.D
Acq: 22 Nov 2023 4:32

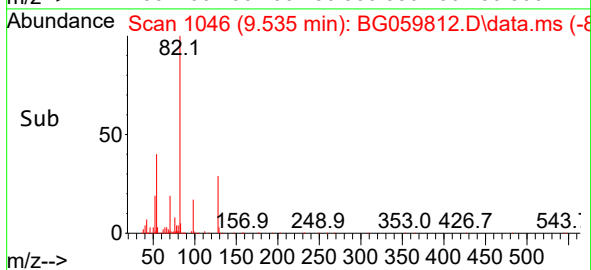
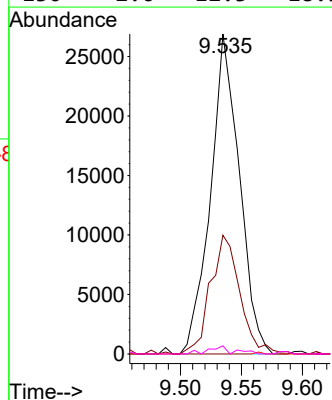
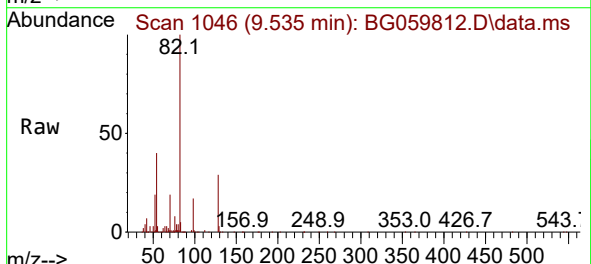
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ClientSampleId :
VNJ-241

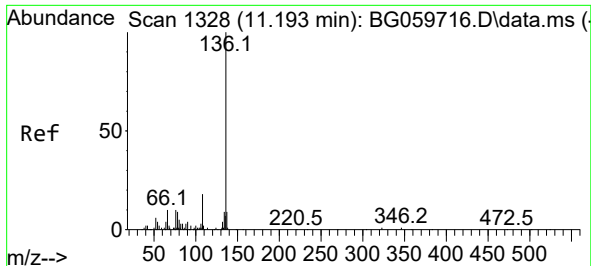
Tgt Ion: 99 Resp: 268310
Ion Ratio Lower Upper
99 100
42 20.3 14.3 21.5
71 82.7 59.3 88.9



#19
n-Nitroso-di-n-propylamine
Concen: 25.141 ng
RT: 9.535 min Scan# 1046
Delta R.T. 0.386 min
Lab File: BG059812.D
Acq: 22 Nov 2023 4:32

Tgt Ion: 70 Resp: 44345
Ion Ratio Lower Upper
70 100
42 37.1 32.8 49.2
101 0.0 7.7 11.5#
130 2.6 12.3 18.5#

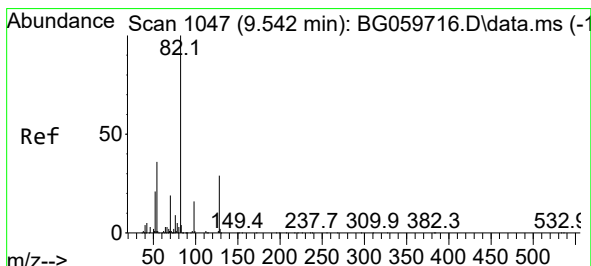
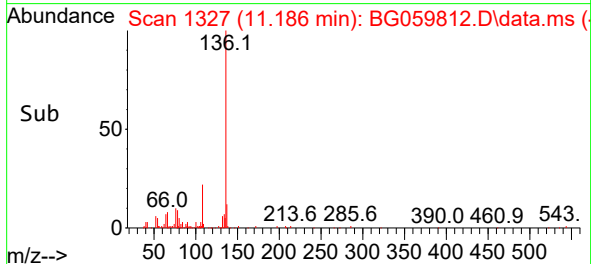
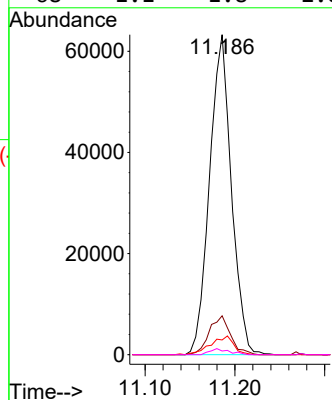
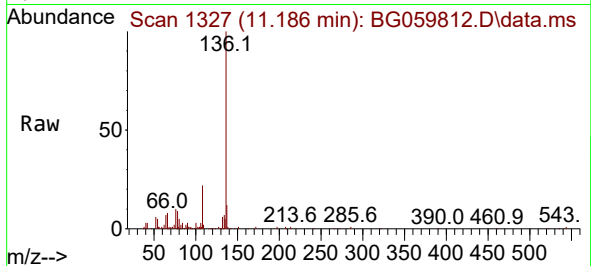




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.186 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG059812.D
Acq: 22 Nov 2023 4:32

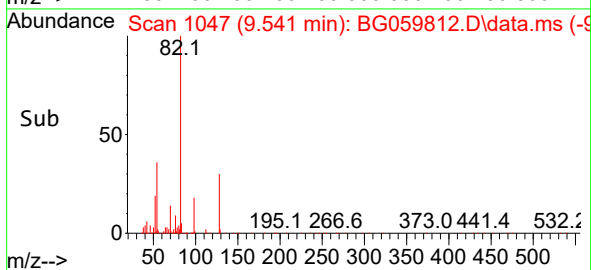
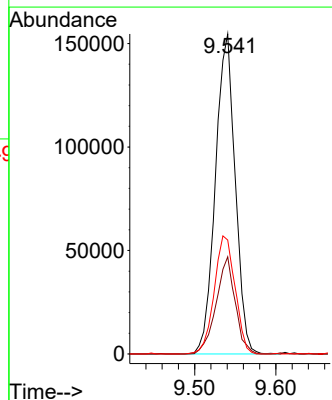
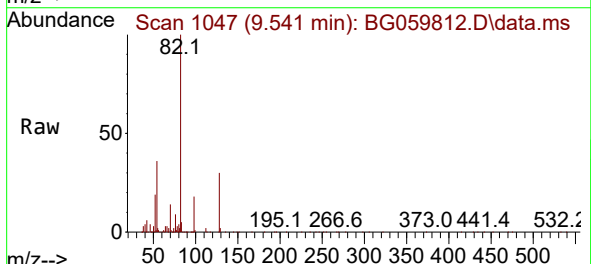
Instrument :
BNA_G
ClientSampleId :
VNJ-241

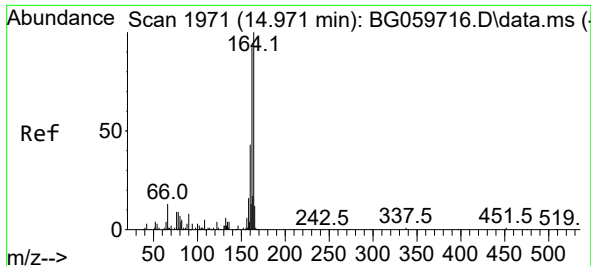
Tgt Ion:136 Resp: 106894
Ion Ratio Lower Upper
136 100
137 12.1 7.4 11.0#
54 4.6 3.1 4.7
68 1.1 1.8 2.8#



#23
Nitrobenzene-d5
Concen: 93.495 ng
RT: 9.541 min Scan# 1047
Delta R.T. -0.001 min
Lab File: BG059812.D
Acq: 22 Nov 2023 4:32

Tgt Ion: 82 Resp: 261679
Ion Ratio Lower Upper
82 100
128 30.3 23.0 34.6
54 35.6 28.7 43.1

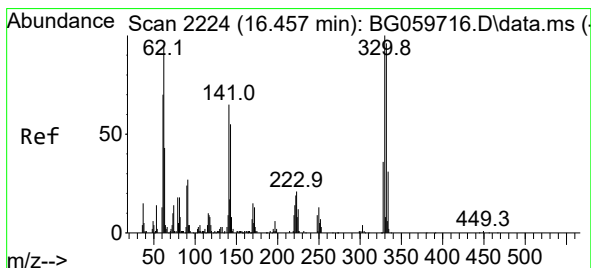
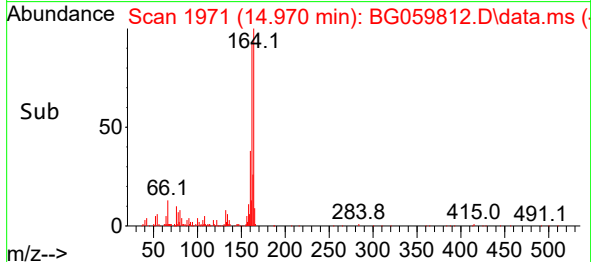
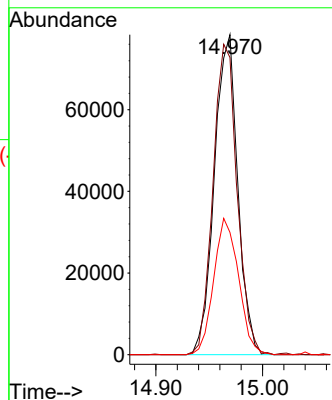
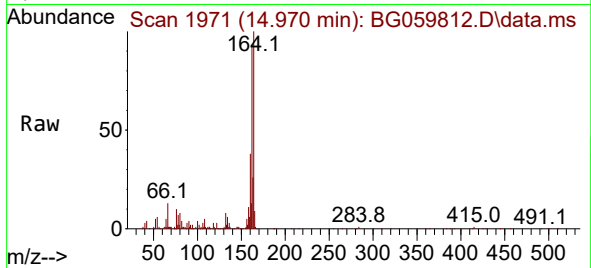




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.970 min Scan# 1971
Delta R.T. -0.001 min
Lab File: BG059812.D
Acq: 22 Nov 2023 4:32

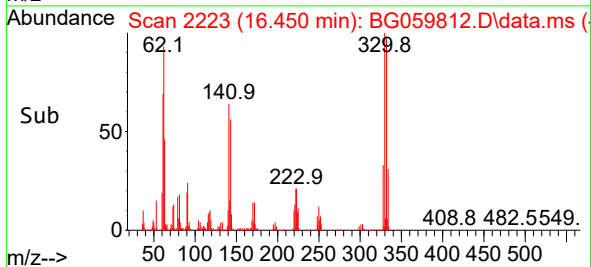
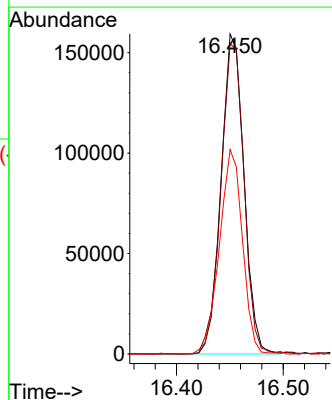
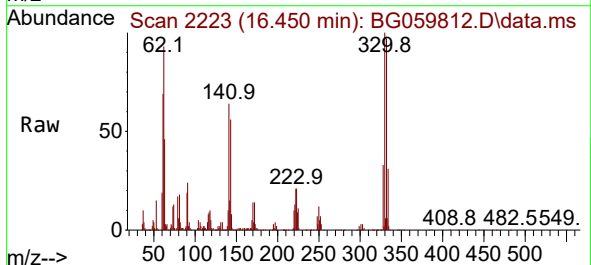
Instrument :
BNA_G
ClientSampleId :
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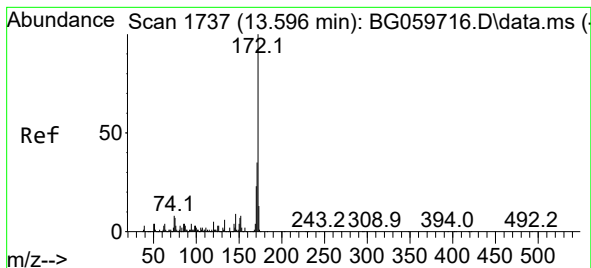
Tgt Ion:164 Resp: 119456
Ion Ratio Lower Upper
164 100
162 92.9 73.3 109.9
160 38.2 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 174.574 ng
RT: 16.450 min Scan# 2223
Delta R.T. -0.007 min
Lab File: BG059812.D
Acq: 22 Nov 2023 4:32

Tgt Ion:330 Resp: 236613
Ion Ratio Lower Upper
330 100
332 98.8 73.3 109.9
141 64.4 52.1 78.1





#45

2-Fluorobiphenyl

Concen: 93.251 ng

RT: 13.589 min Scan# 1

Delta R.T. -0.007 min

Lab File: BG059812.D

Acq: 22 Nov 2023 4:32

Instrument :

BNA_G

ClientSampleId :

VNJ-241

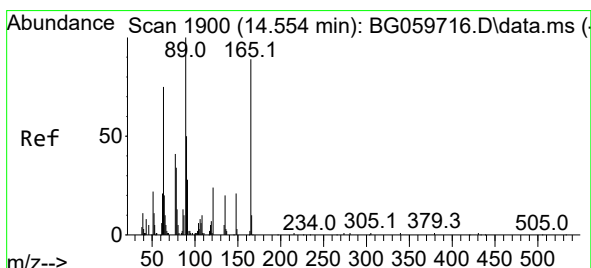
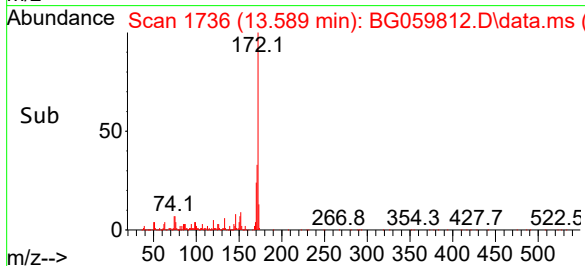
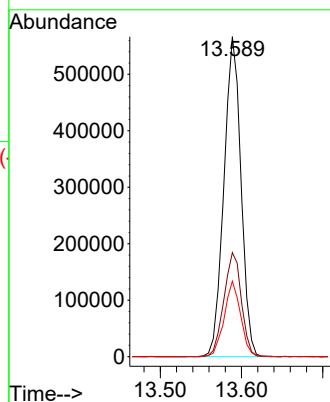
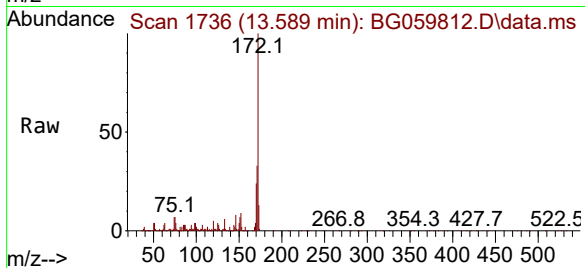
Tgt Ion:172 Resp: 827567

Ion Ratio Lower Upper

172 100

171 32.5 27.7 41.5

170 23.6 18.4 27.6



#51

2,6-Dinitrotoluene

Concen: 9.326 ng

RT: 14.964 min Scan# 1970

Delta R.T. 0.410 min

Lab File: BG059812.D

Acq: 22 Nov 2023 4:32

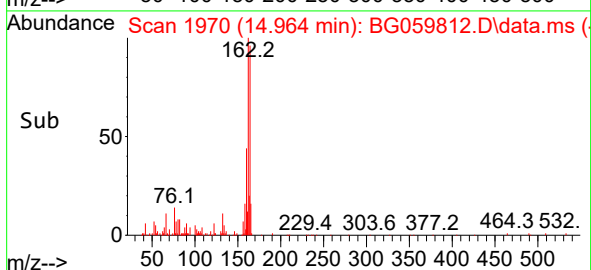
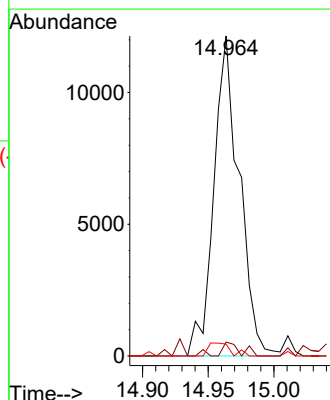
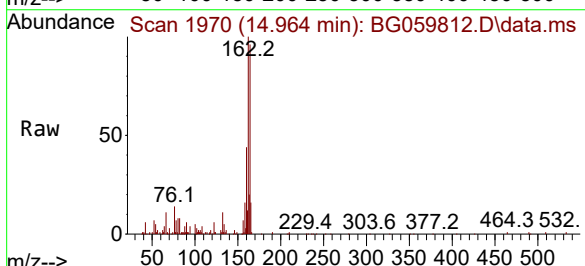
Tgt Ion:165 Resp: 16378

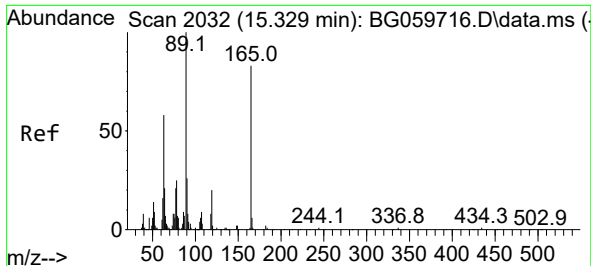
Ion Ratio Lower Upper

165 100

63 4.3 75.3 112.9#

89 3.7 90.9 136.3#

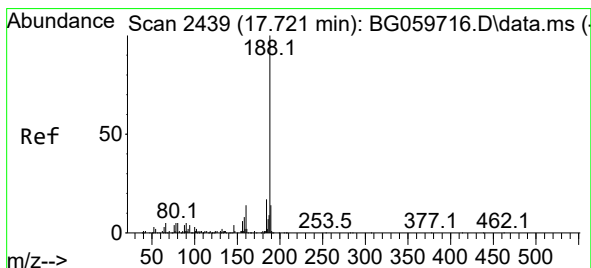
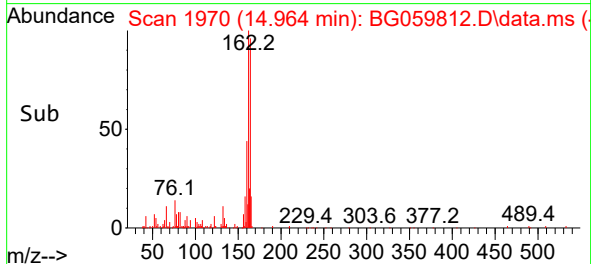
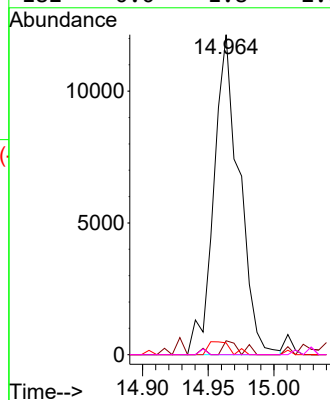
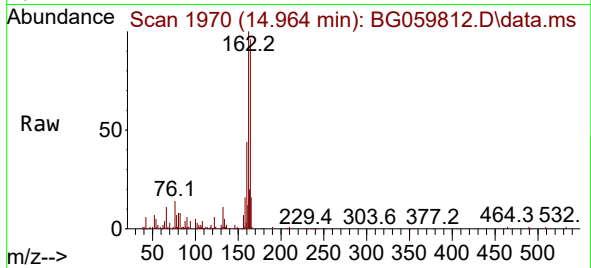




#57
2,4-Dinitrotoluene
Concen: 6.064 ng
RT: 14.964 min Scan# 1970
Delta R.T. -0.366 min
Lab File: BG059812.D
Acq: 22 Nov 2023 4:32

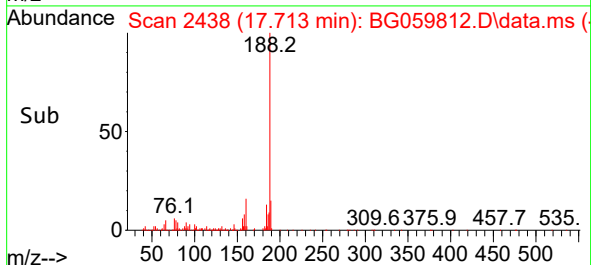
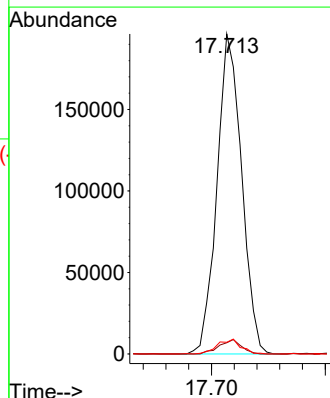
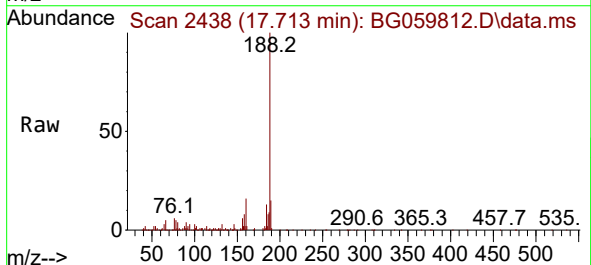
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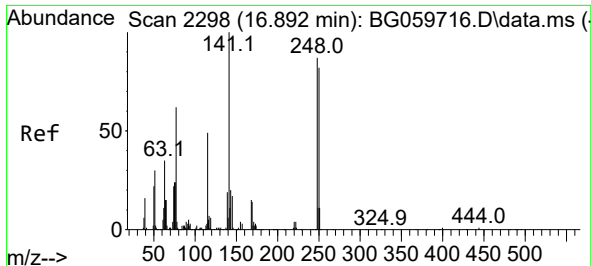
Tgt Ion:165 Resp: 16378
Ion Ratio Lower Upper
165 100
63 4.3 55.8 83.8#
89 3.7 96.9 145.3#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.713 min Scan# 2438
Delta R.T. -0.007 min
Lab File: BG059812.D
Acq: 22 Nov 2023 4:32

Tgt Ion:188 Resp: 295796
Ion Ratio Lower Upper
188 100
94 3.5 3.0 4.4
80 3.7 4.2 6.4#

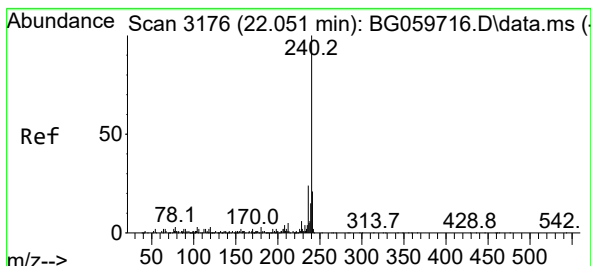
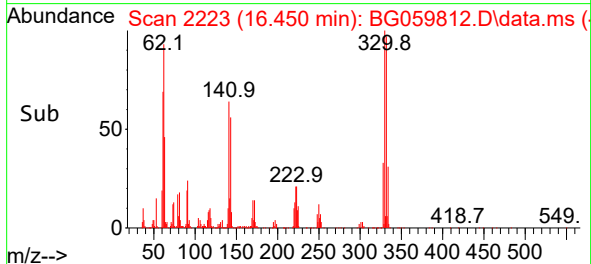
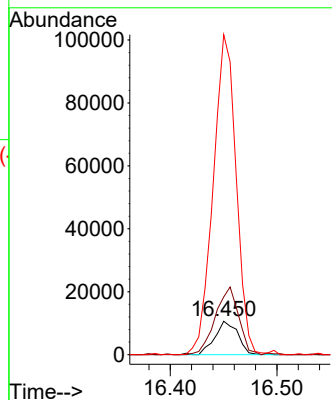
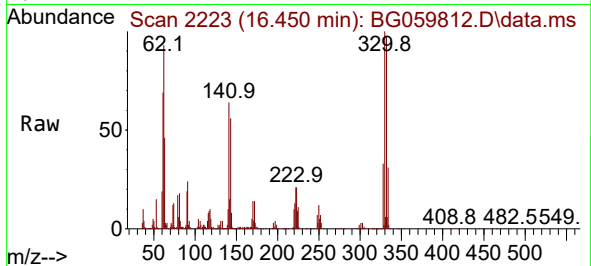




#67
4-Bromophenyl-phenylether
Concen: 5.028 ng
RT: 16.450 min Scan# 21
Delta R.T. -0.442 min
Lab File: BG059812.D
Acq: 22 Nov 2023 4:32

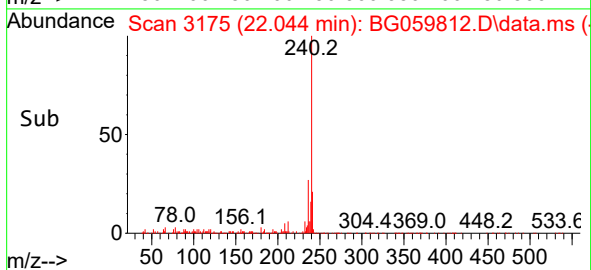
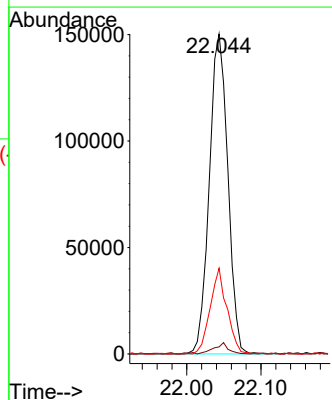
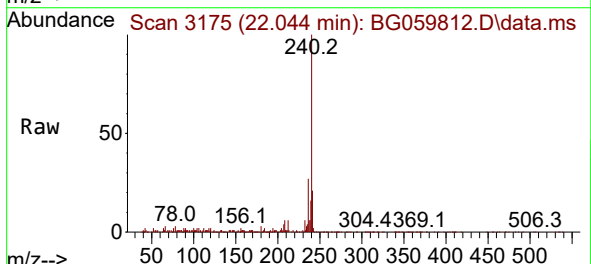
Instrument :
BNA_G
ClientSampleId :
VNJ-241

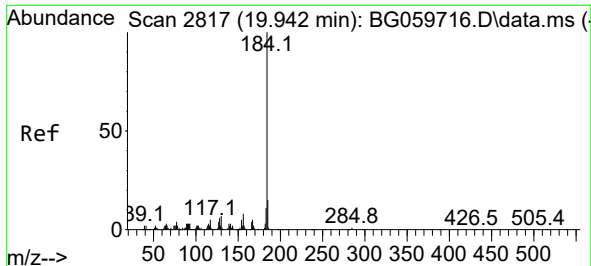
Tgt Ion:248 Resp: 15979
Ion Ratio Lower Upper
248 100
250 172.8 75.2 112.8#
141 956.2 91.5 137.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.044 min Scan# 3175
Delta R.T. -0.007 min
Lab File: BG059812.D
Acq: 22 Nov 2023 4:32

Tgt Ion:240 Resp: 260989
Ion Ratio Lower Upper
240 100
120 2.2 2.2 3.2
236 26.8 19.4 29.2

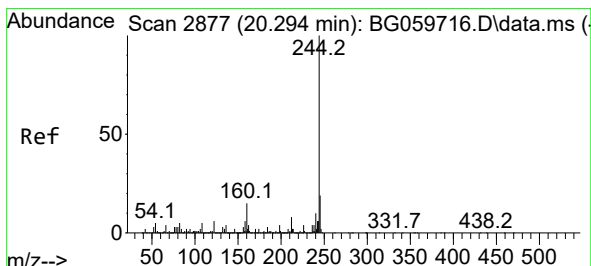
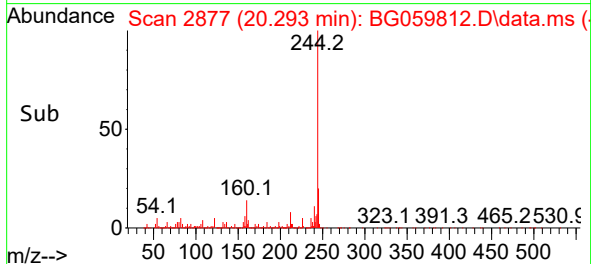
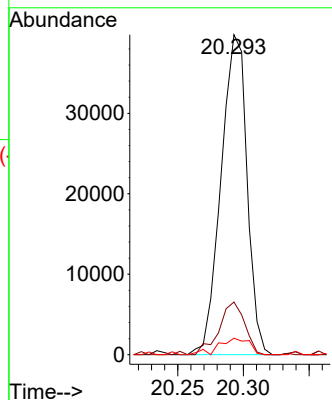
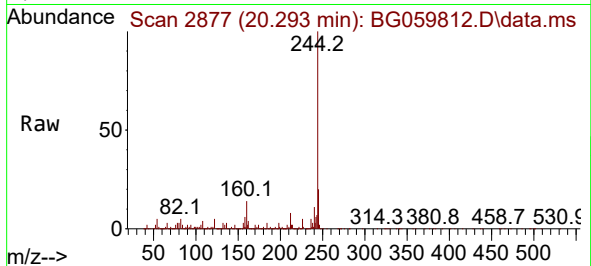




#77
Benzidine
Concen: 9.268 ng
RT: 20.293 min Scan# 2877
Delta R.T. 0.351 min
Lab File: BG059812.D
Acq: 22 Nov 2023 4:32

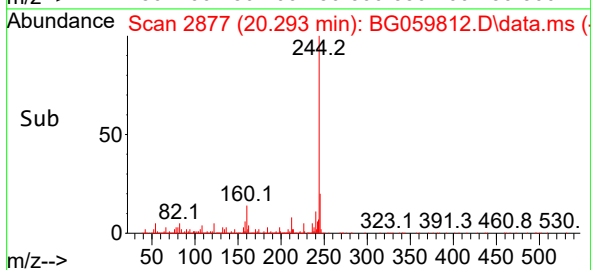
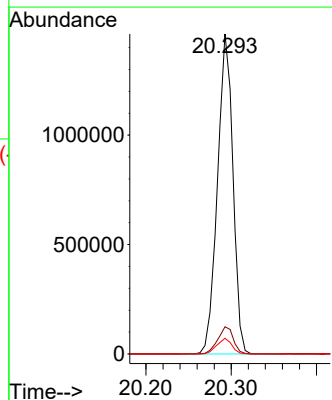
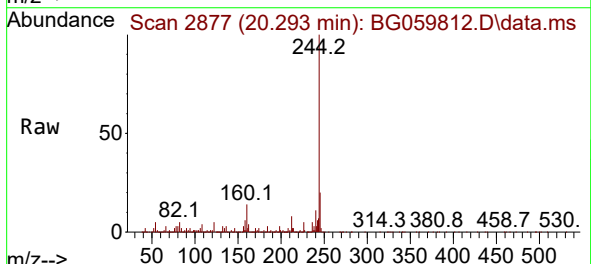
Instrument :
BNA_G
ClientSampleId :
VNJ-241

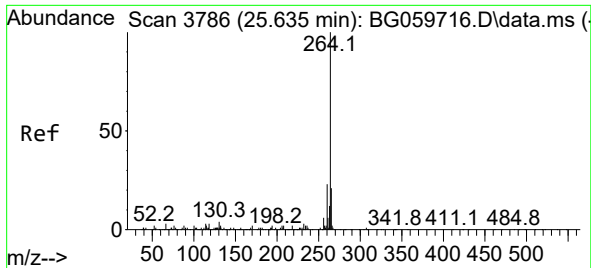
Tgt Ion:184 Resp: 54848
Ion Ratio Lower Upper
184 100
185 16.4 12.2 18.2
183 5.2 8.8 13.2#



#79
Terphenyl-d14
Concen: 104.019 ng
RT: 20.293 min Scan# 2877
Delta R.T. -0.001 min
Lab File: BG059812.D
Acq: 22 Nov 2023 4:32

Tgt Ion:244 Resp: 1838974
Ion Ratio Lower Upper
244 100
212 8.5 6.6 10.0
122 4.9 4.4 6.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.622 min Scan# 31
 Delta R.T. -0.013 min
 Lab File: BG059812.D
 Acq: 22 Nov 2023 4:32

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-241

Tgt Ion:264	Resp:	268122
Ion Ratio	Lower	Upper
264	100	
260	19.3	18.5 27.7
265	23.4	17.0 25.6

