

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082123\
 Data File : BG058799.D
 Acq On : 21 Aug 2023 18:37
 Operator : MA/JU
 Sample : 04043-02RE
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E-4

Quant Time: Aug 22 01:29:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 01:40:57 2023
 Response via : Initial Calibration

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

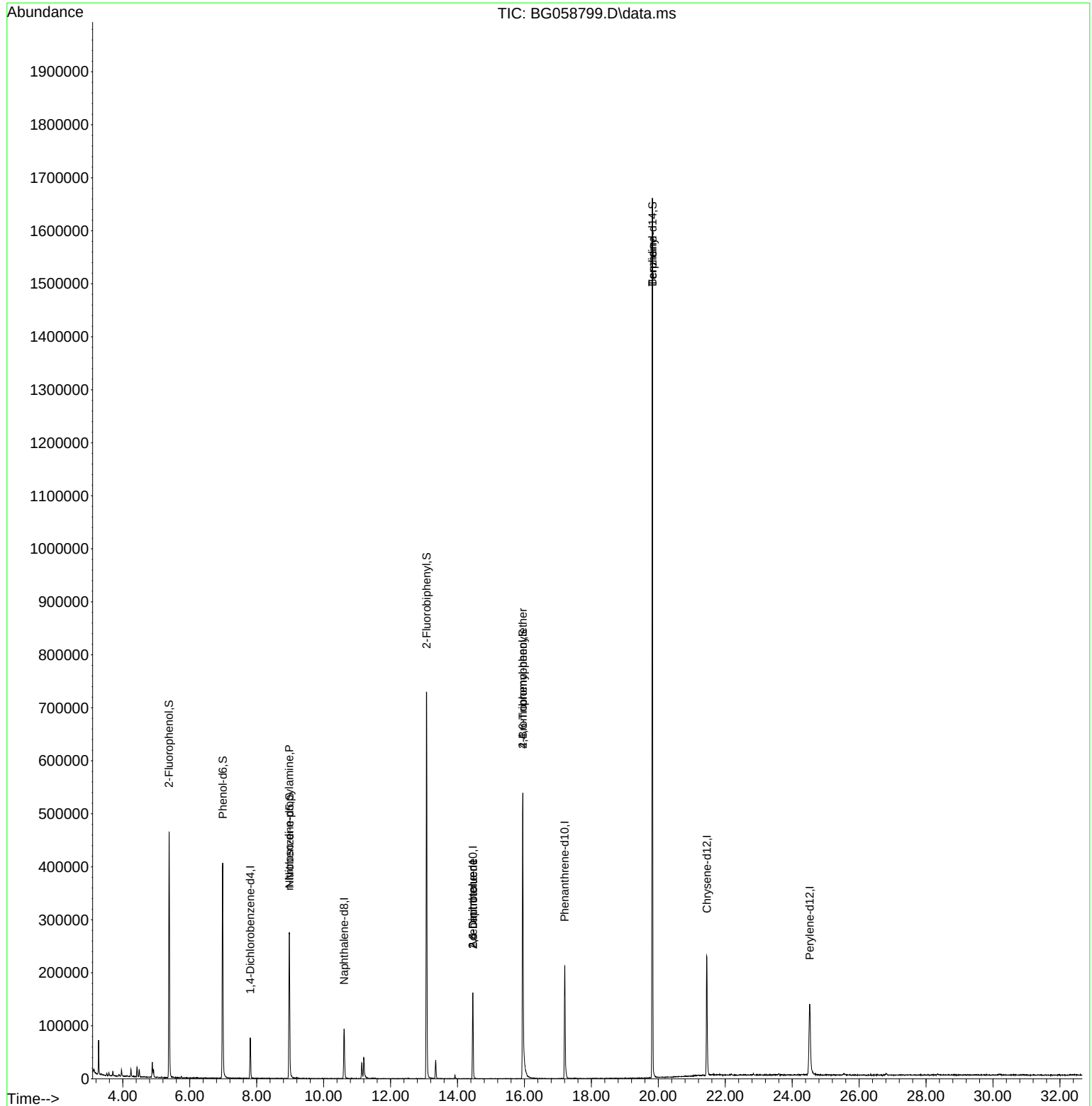
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.807	152	21111	20.000	ng	0.00
21) Naphthalene-d8	10.610	136	87994	20.000	ng	0.00
39) Acenaphthene-d10	14.459	164	65305	20.000	ng	0.00
64) Phenanthrene-d10	17.202	188	172181	20.000	ng	0.00
76) Chrysene-d12	21.450	240	158818	20.000	ng	0.00
86) Perylene-d12	24.523	264	183392	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	192106	146.439	ng	0.00
7) Phenol-d6	6.985	99	241375	131.144	ng	0.00
23) Nitrobenzene-d5	8.977	82	176395	96.378	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	144023	140.652	ng	0.00
45) 2-Fluorobiphenyl	13.078	172	431082	96.010	ng	0.00
79) Terphenyl-d14	19.823	244	872362	98.629	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	8.971	70	22647	19.035	ng	# 75
51) 2,6-Dinitrotoluene	14.459	165	8387	7.895	ng	# 22
57) 2,4-Dinitrotoluene	14.459	165	8387	5.661	ng	# 19
67) 4-Bromophenyl-phenylether	15.951	248	8823	4.670	ng	# 1
77) Benzydine	19.823	184	11740	4.125	ng	# 94

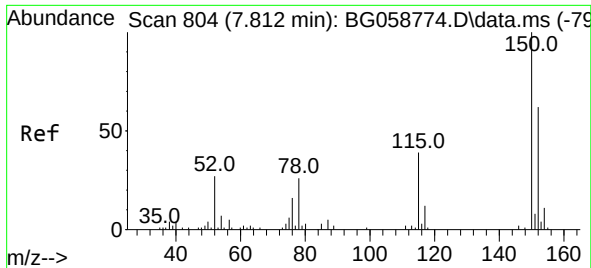
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 21 01:40:57 2023
Response via : Initial Calibration

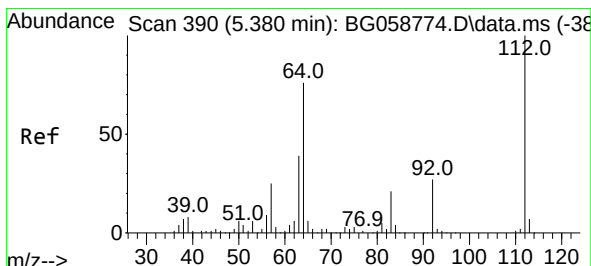
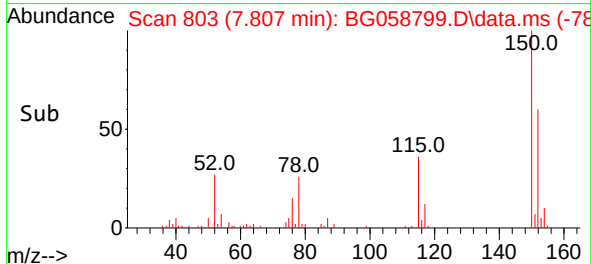
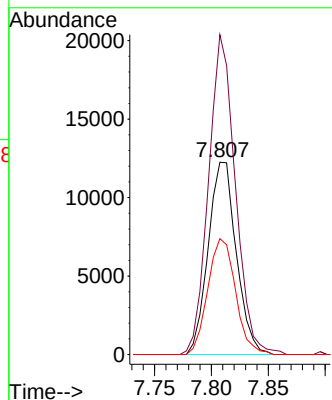
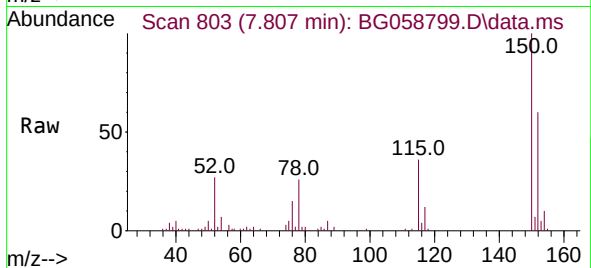




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.807 min Scan# 804
Delta R.T. -0.005 min
Lab File: BG058799.D
Acq: 21 Aug 2023 18:37

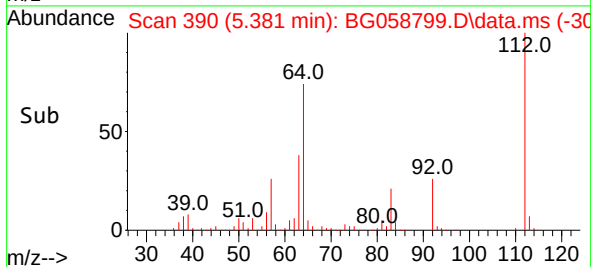
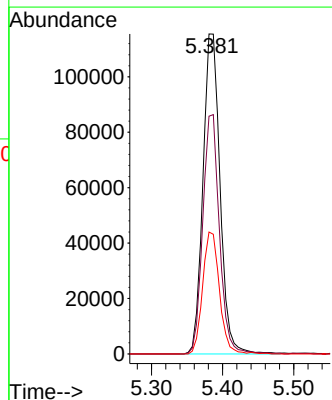
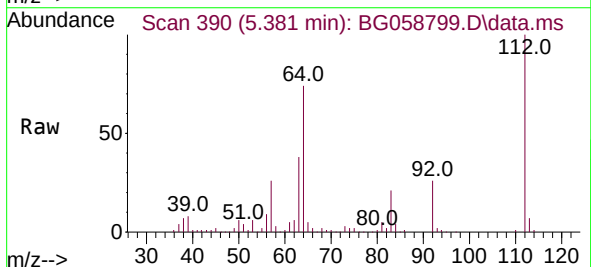
Instrument :
BNA_G
ClientSampleId :
E-4

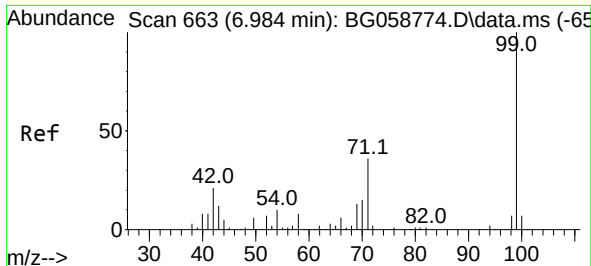
Tgt Ion:152 Resp: 21111
Ion Ratio Lower Upper
152 100
150 166.4 128.6 192.8
115 60.3 50.4 75.6



#5
2-Fluorophenol
Concen: 146.439 ng
RT: 5.381 min Scan# 390
Delta R.T. 0.001 min
Lab File: BG058799.D
Acq: 21 Aug 2023 18:37

Tgt Ion:112 Resp: 192106
Ion Ratio Lower Upper
112 100
64 74.3 60.6 90.8
63 38.1 31.0 46.4

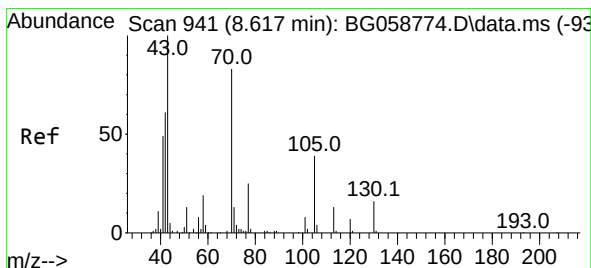
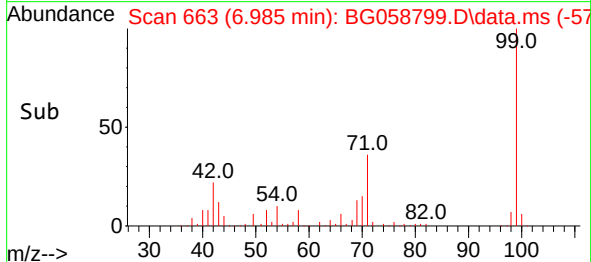
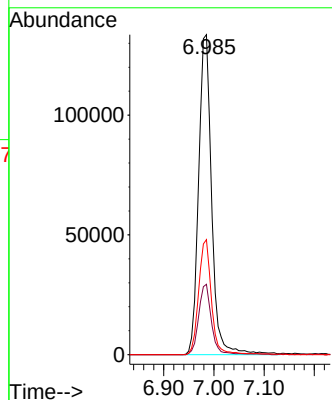
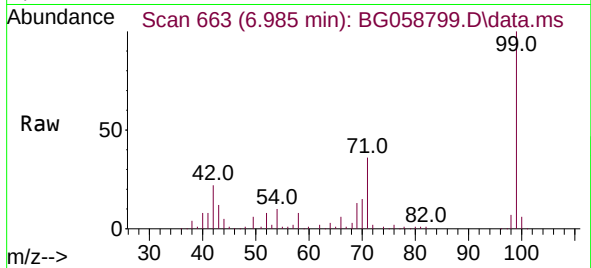




#7
Phenol-d6
Concen: 131.144 ng
RT: 6.985 min Scan# 60
Delta R.T. 0.001 min
Lab File: BG058799.D
Acq: 21 Aug 2023 18:37

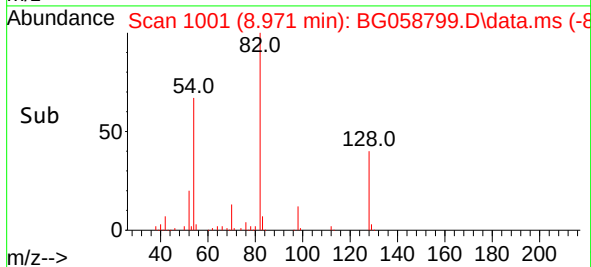
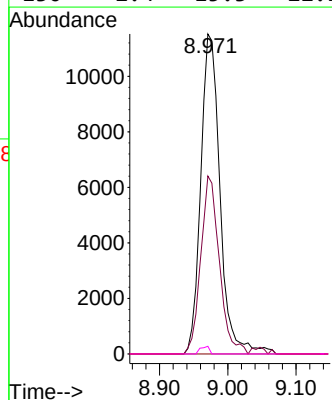
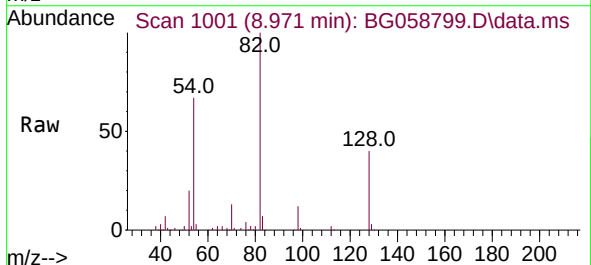
Instrument :
BNA_G
ClientSampleId :
E-4

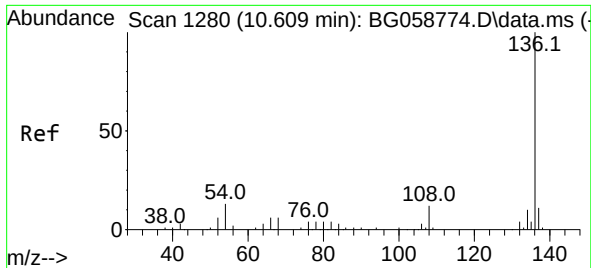
Tgt Ion: 99 Resp: 241375
Ion Ratio Lower Upper
99 100
42 22.0 16.5 24.7
71 35.9 28.4 42.6



#19
n-Nitroso-di-n-propylamine
Concen: 19.035 ng
RT: 8.971 min Scan# 1001
Delta R.T. 0.354 min
Lab File: BG058799.D
Acq: 21 Aug 2023 18:37

Tgt Ion: 70 Resp: 22647
Ion Ratio Lower Upper
70 100
42 55.6 59.2 88.8#
101 0.0 8.2 12.2#
130 2.4 15.3 22.9#

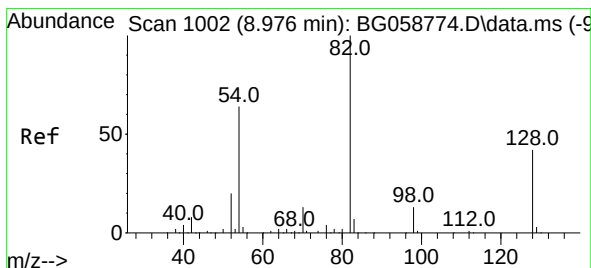
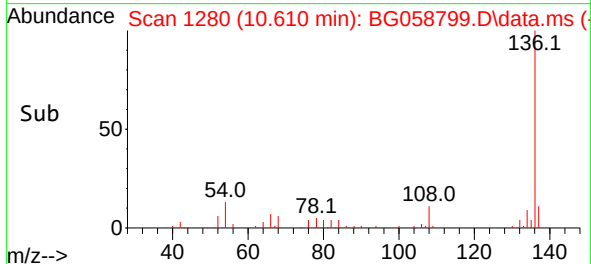
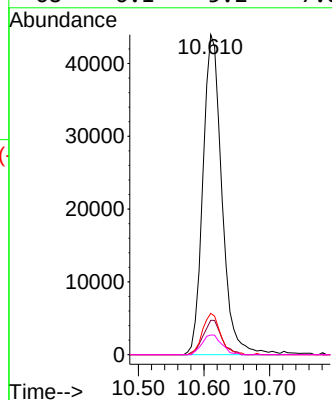
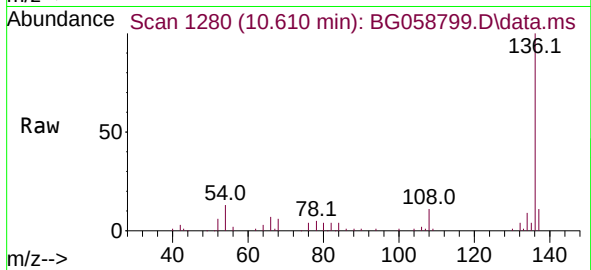




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.610 min Scan# 1280
Delta R.T. 0.001 min
Lab File: BG058799.D
Acq: 21 Aug 2023 18:37

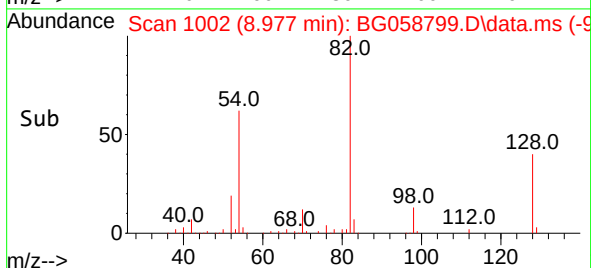
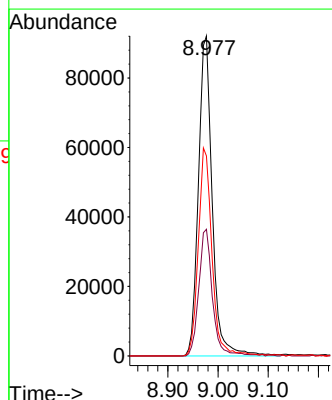
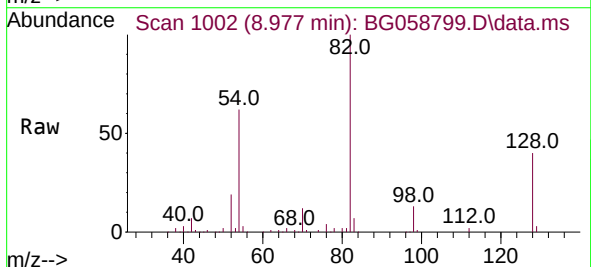
Instrument :
BNA_G
ClientSampleId :
E-4

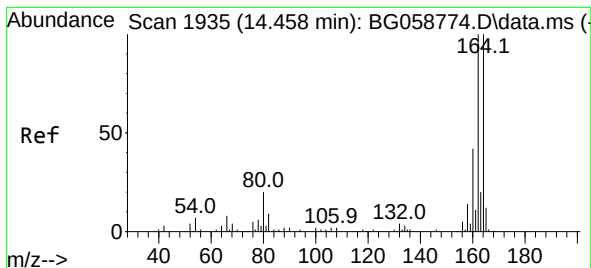
Tgt Ion:	136	Resp:	87994
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.7	13.1
54	12.9	10.1	15.1
68	6.1	5.2	7.8



#23
Nitrobenzene-d5
Concen: 96.378 ng
RT: 8.977 min Scan# 1002
Delta R.T. 0.001 min
Lab File: BG058799.D
Acq: 21 Aug 2023 18:37

Tgt Ion:	82	Resp:	176395
Ion Ratio	Lower	Upper	
82	100		
128	39.6	33.2	49.8
54	62.5	51.2	76.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.459 min Scan# 1935

Delta R.T. 0.001 min

Lab File: BG058799.D

Acq: 21 Aug 2023 18:37

Instrument :

BNA_G

ClientSampleId :

E-4

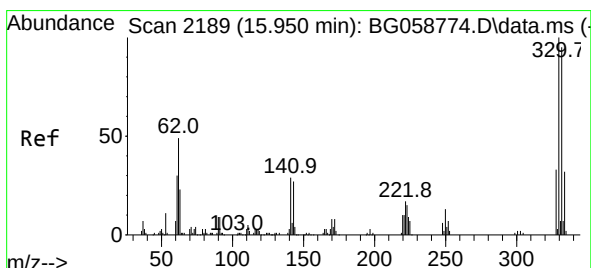
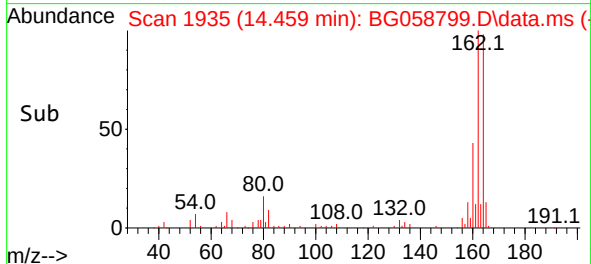
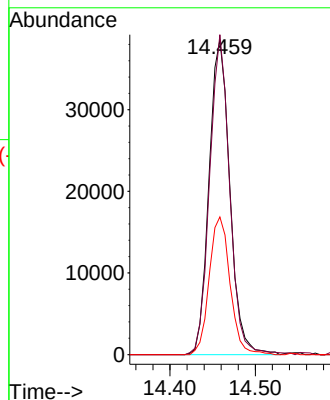
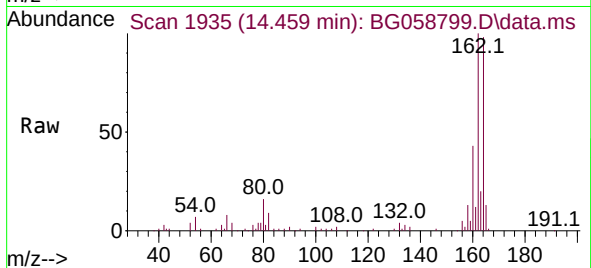
Tgt Ion:164 Resp: 65305

Ion Ratio Lower Upper

164 100

162 101.6 79.6 119.4

160 43.7 34.0 51.0



#42

2,4,6-Tribromophenol

Concen: 140.652 ng

RT: 15.951 min Scan# 2189

Delta R.T. 0.001 min

Lab File: BG058799.D

Acq: 21 Aug 2023 18:37

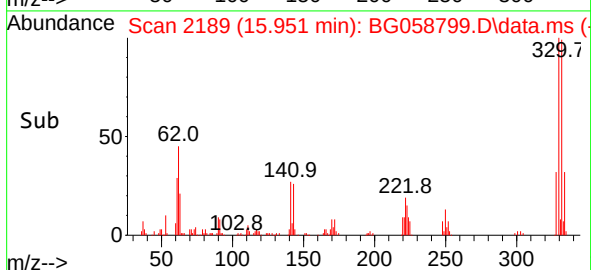
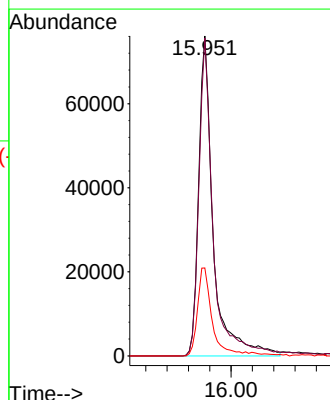
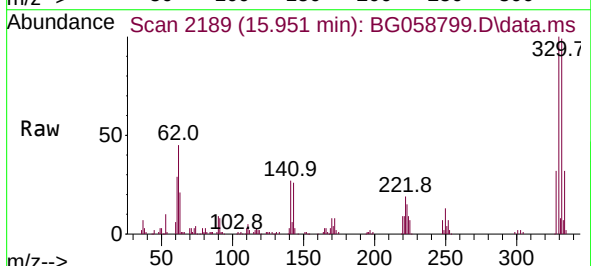
Tgt Ion:330 Resp: 144023

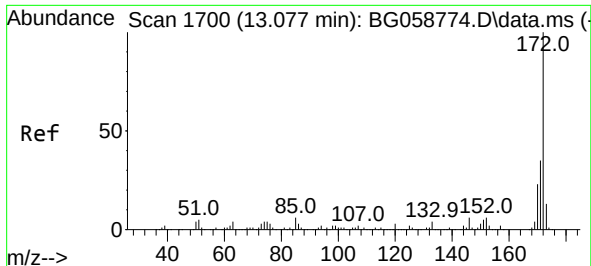
Ion Ratio Lower Upper

330 100

332 98.0 78.5 117.7

141 27.0 23.0 34.6

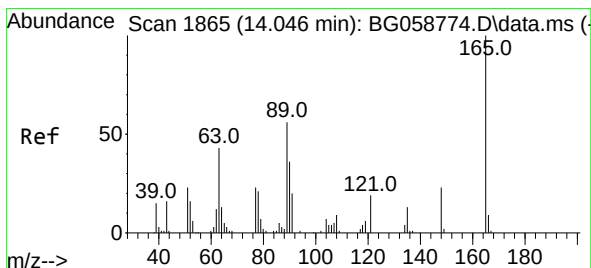
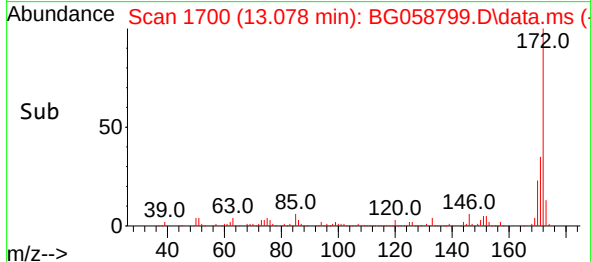
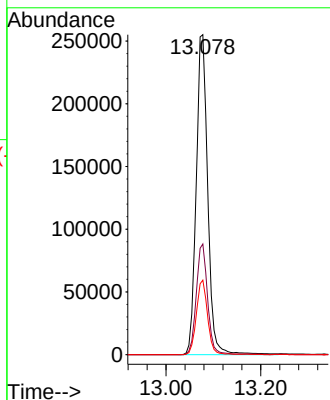
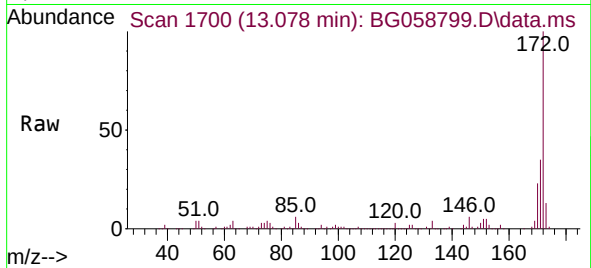




#45
2-Fluorobiphenyl
Concen: 96.010 ng
RT: 13.078 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG058799.D
Acq: 21 Aug 2023 18:37

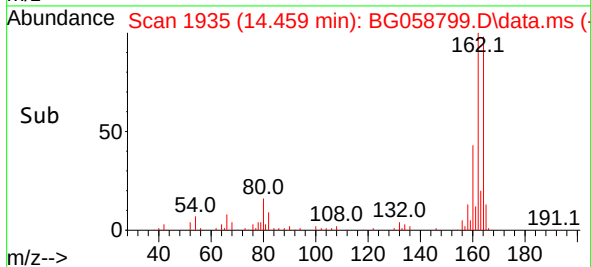
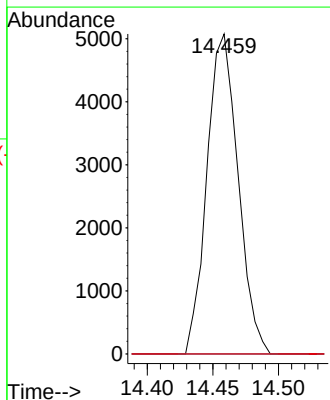
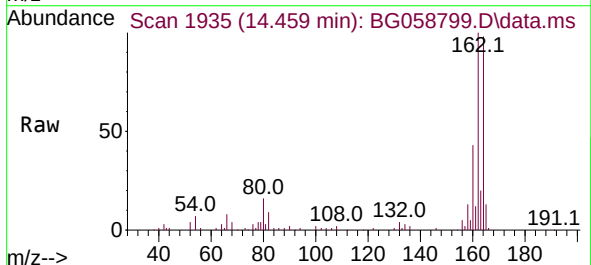
Instrument :
BNA_G
ClientSampleId :
E-4

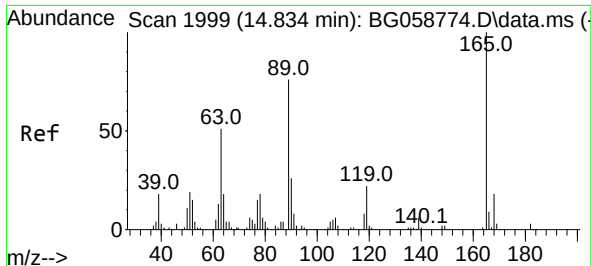
Tgt Ion:172 Resp: 431082
Ion Ratio Lower Upper
172 100
171 34.6 28.1 42.1
170 23.3 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 7.895 ng
RT: 14.459 min Scan# 1935
Delta R.T. 0.412 min
Lab File: BG058799.D
Acq: 21 Aug 2023 18:37

Tgt Ion:165 Resp: 8387
Ion Ratio Lower Upper
165 100
63 0.0 47.2 70.8#
89 0.0 45.0 67.4#

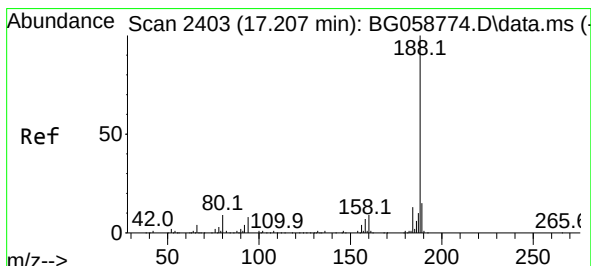
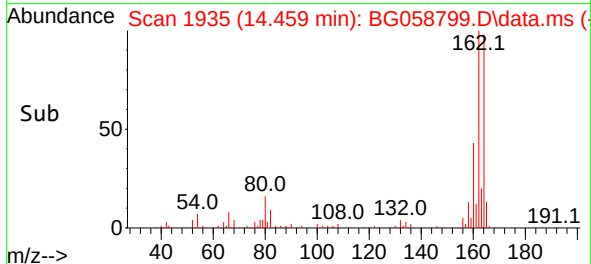
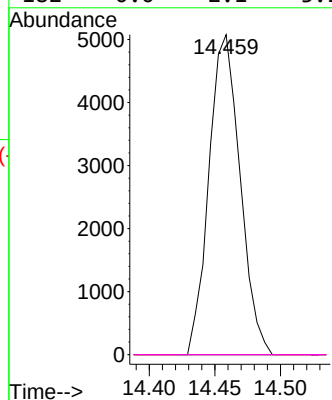
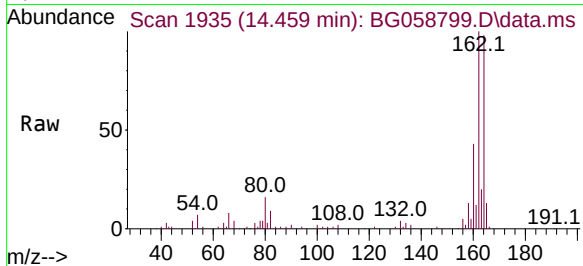




#57
2,4-Dinitrotoluene
Concen: 5.661 ng
RT: 14.459 min Scan# 1999
Delta R.T. -0.375 min
Lab File: BG058799.D
Acq: 21 Aug 2023 18:37

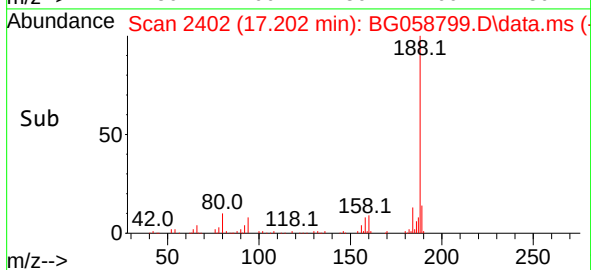
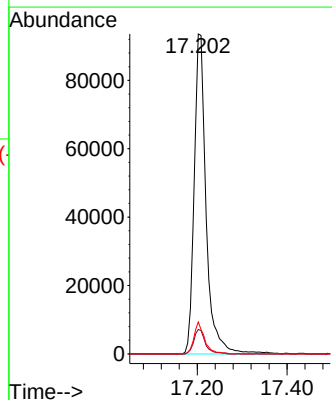
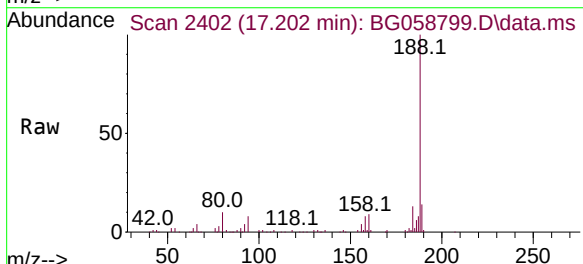
Instrument :
BNA_G
ClientSampleId :
E-4

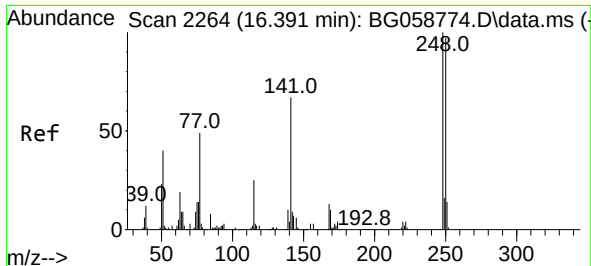
Tgt Ion:	165	Resp:	8387
Ion Ratio	Lower	Upper	
165	100		
63	0.0	41.8	62.6#
89	0.0	60.7	91.1#
182	0.0	2.1	3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.202 min Scan# 2402
Delta R.T. -0.005 min
Lab File: BG058799.D
Acq: 21 Aug 2023 18:37

Tgt Ion:	188	Resp:	172181
Ion Ratio	Lower	Upper	
188	100		
94	7.6	6.1	9.1
80	10.0	6.9	10.3

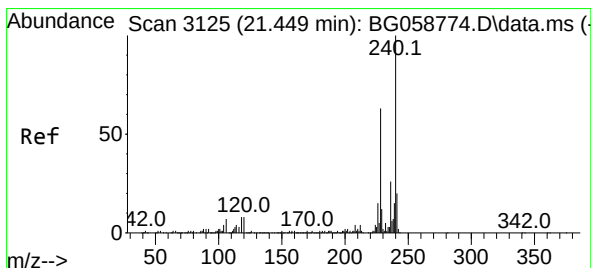
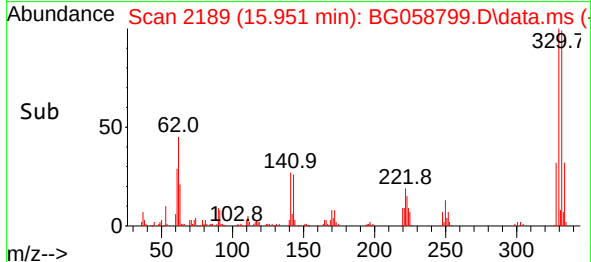
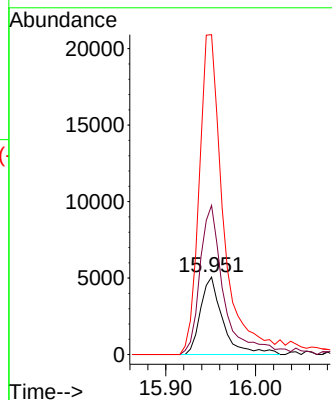
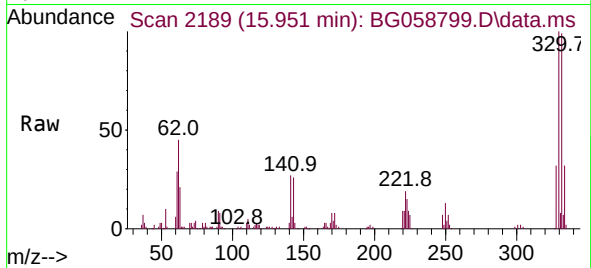




#67
4-Bromophenyl-phenylether
Concen: 4.670 ng
RT: 15.951 min Scan# 2189
Delta R.T. -0.440 min
Lab File: BG058799.D
Acq: 21 Aug 2023 18:37

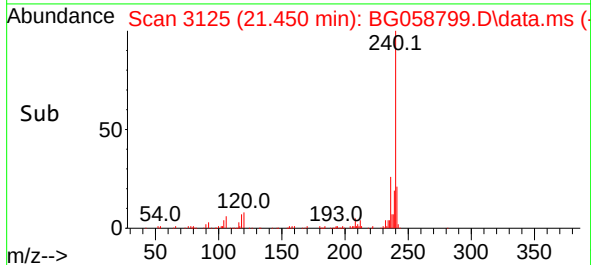
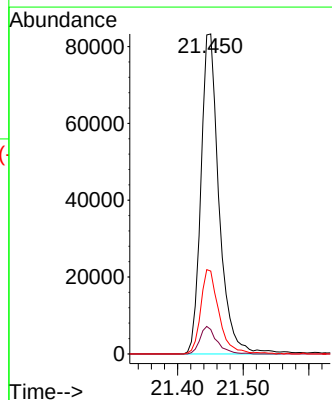
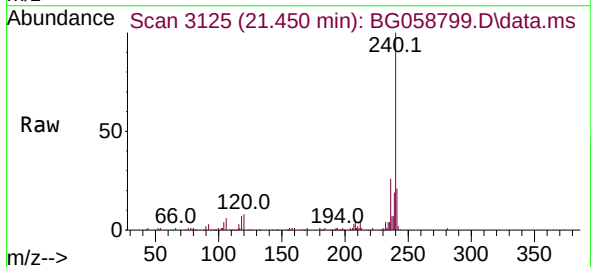
Instrument :
BNA_G
ClientSampleId :
E-4

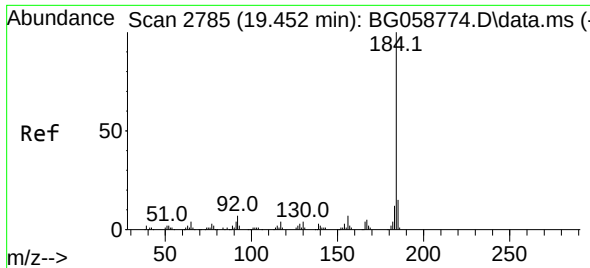
Tgt Ion:248 Resp: 8823
Ion Ratio Lower Upper
248 100
250 192.2 77.7 116.5#
141 412.4 53.6 80.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.450 min Scan# 3125
Delta R.T. 0.001 min
Lab File: BG058799.D
Acq: 21 Aug 2023 18:37

Tgt Ion:240 Resp: 158818
Ion Ratio Lower Upper
240 100
120 7.6 6.2 9.2
236 25.9 20.5 30.7

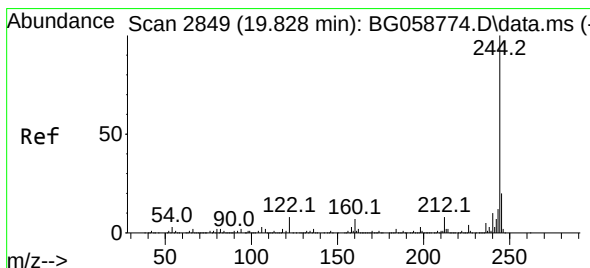
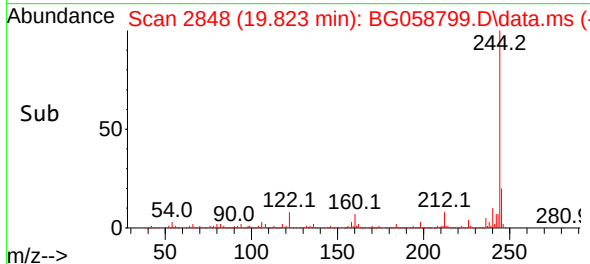
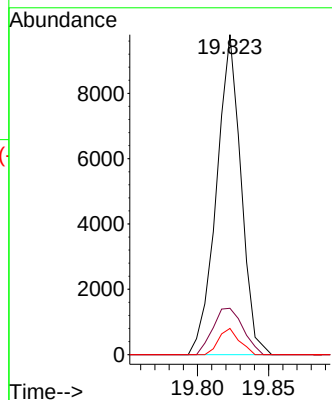
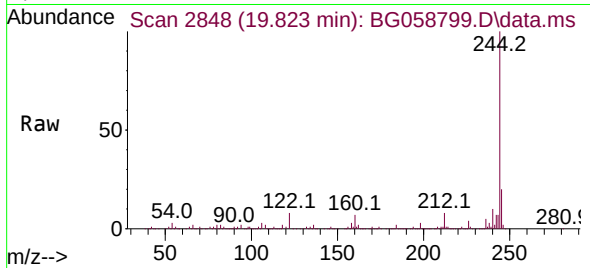




#77
Benzidine
Concen: 4.125 ng
RT: 19.823 min Scan# 2848
Delta R.T. 0.371 min
Lab File: BG058799.D
Acq: 21 Aug 2023 18:37

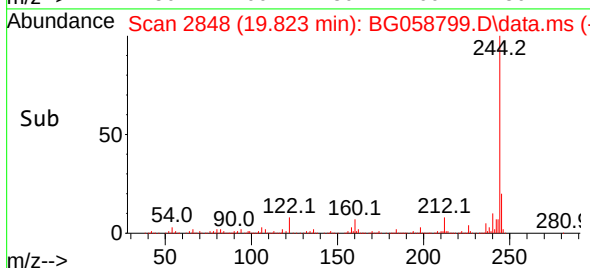
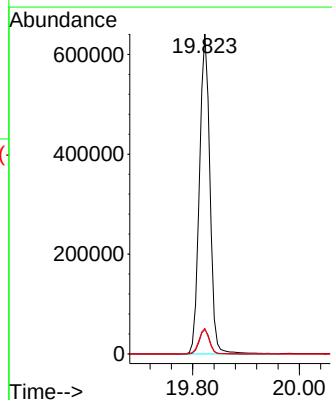
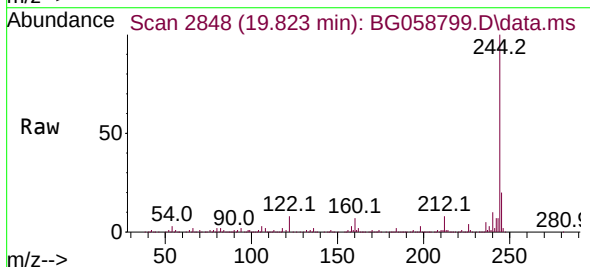
Instrument :
BNA_G
ClientSampleId :
E-4

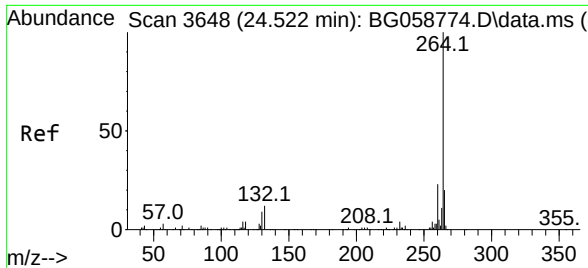
Tgt Ion:184 Resp: 11740
Ion Ratio Lower Upper
184 100
185 14.5 11.9 17.9
183 8.2 10.0 15.0#



#79
Terphenyl-d14
Concen: 98.629 ng
RT: 19.823 min Scan# 2848
Delta R.T. -0.005 min
Lab File: BG058799.D
Acq: 21 Aug 2023 18:37

Tgt Ion:244 Resp: 872362
Ion Ratio Lower Upper
244 100
212 7.7 6.2 9.2
122 7.9 6.3 9.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.523 min Scan# 30
 Delta R.T. 0.001 min
 Lab File: BG058799.D
 Acq: 21 Aug 2023 18:37

Instrument :
 BNA_G
 ClientSampleId :
 E-4

Tgt Ion:264	Resp:	183392
Ion Ratio	Lower	Upper
264	100	
260	21.3	18.2 27.2
265	22.0	16.4 24.6

