

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG073123\
 Data File : BG058549.D
 Acq On : 31 Jul 2023 18:51
 Operator : MA/JU
 Sample : 03741-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-P26B

Quant Time: Jul 31 19:39:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 22:29:07 2023
 Response via : Initial Calibration

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

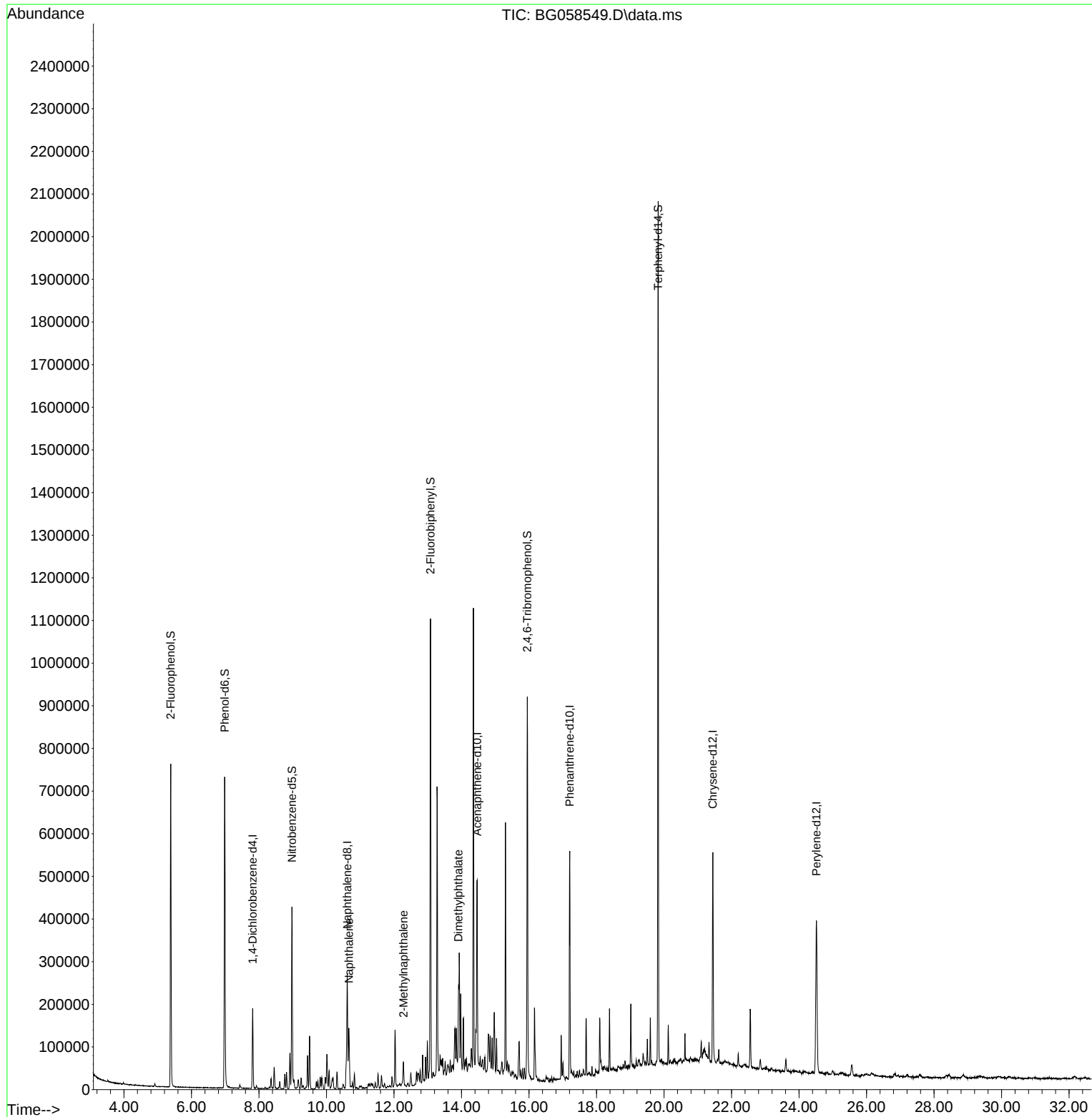
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	51636	20.000	ng	0.00
21) Naphthalene-d8	10.614	136	221397	20.000	ng	0.00
39) Acenaphthene-d10	14.462	164	150071	20.000	ng	0.00
64) Phenanthrene-d10	17.206	188	346900	20.000	ng	0.00
76) Chrysene-d12	21.442	240	298396	20.000	ng	0.00
86) Perylene-d12	24.515	264	378504	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.385	112	326949	96.779	ng	0.00
7) Phenol-d6	6.983	99	454822	96.753	ng	0.00
23) Nitrobenzene-d5	8.975	82	267111	59.269	ng	0.00
42) 2,4,6-Tribromophenol	15.949	330	207612	84.403	ng	0.00
45) 2-Fluorobiphenyl	13.082	172	608897	60.804	ng	0.00
79) Terphenyl-d14	19.827	244	1043175	65.742	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	10.661	128	87704	7.516	ng	98
37) 2-Methylnaphthalene	12.283	142	31714	3.799	ng	98
50) Dimethylphthalate	13.910	163	42422	3.764	ng	100

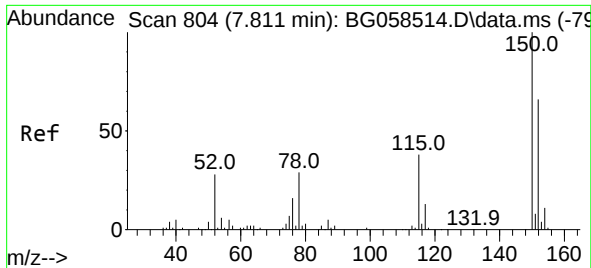
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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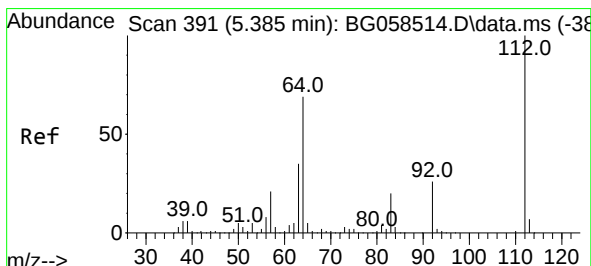
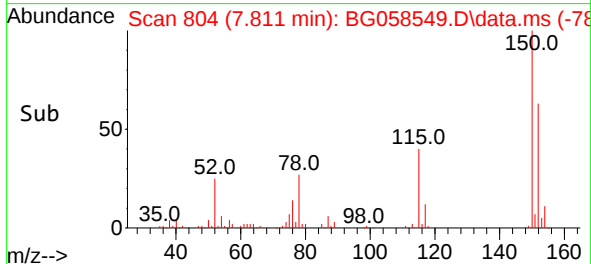
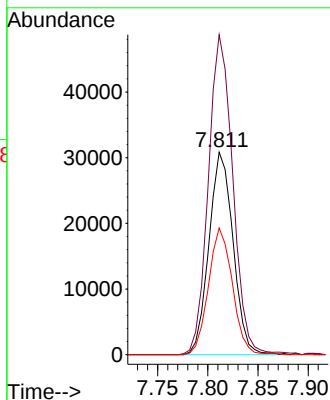
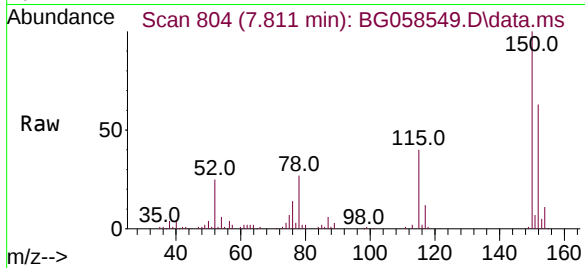




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.811 min Scan# 804
 Delta R.T. 0.000 min
 Lab File: BG058549.D
 Acq: 31 Jul 2023 18:51

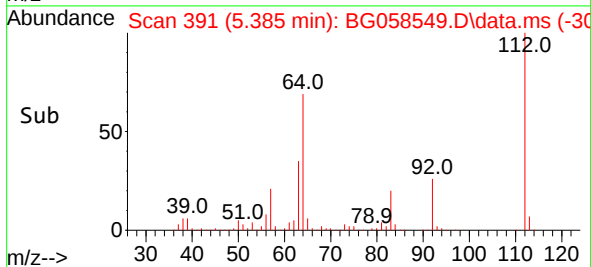
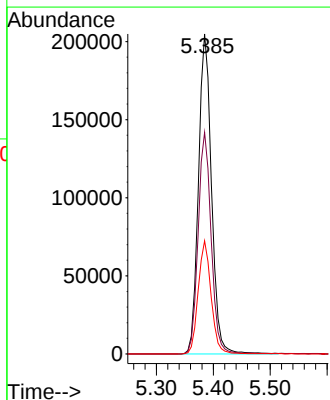
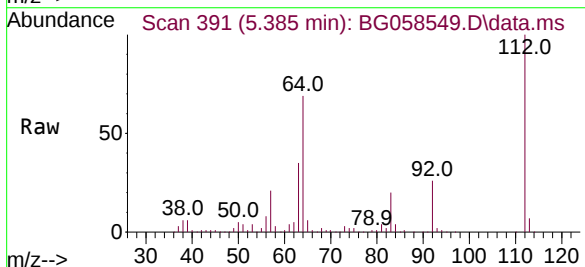
Instrument :
 BNA_G
 ClientSampleId :
 B-P26B

Tgt Ion:152 Resp: 51636
 Ion Ratio Lower Upper
 152 100
 150 158.0 120.5 180.7
 115 62.6 45.9 68.9



#5
 2-Fluorophenol
 Concen: 96.779 ng
 RT: 5.385 min Scan# 391
 Delta R.T. 0.000 min
 Lab File: BG058549.D
 Acq: 31 Jul 2023 18:51

Tgt Ion:112 Resp: 326949
 Ion Ratio Lower Upper
 112 100
 64 69.2 55.3 82.9
 63 35.3 28.3 42.5

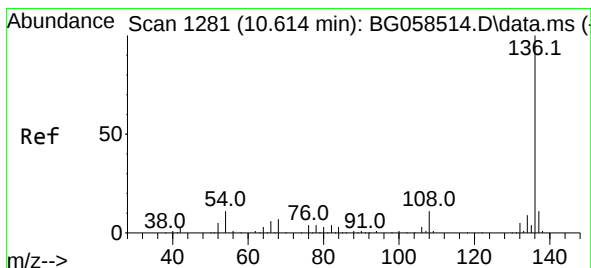
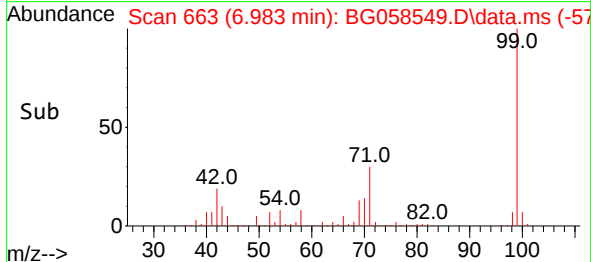
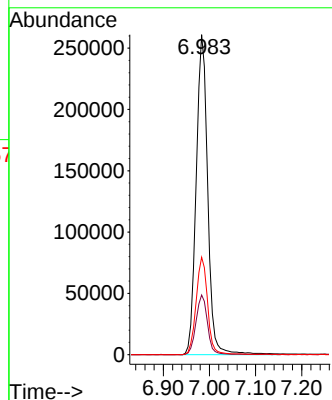
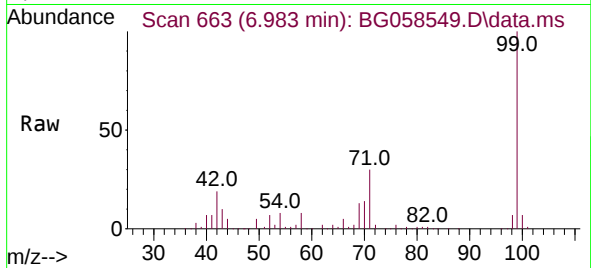




#7
Phenol-d6
Concen: 96.753 ng
RT: 6.983 min Scan# 60
Delta R.T. 0.000 min
Lab File: BG058549.D
Acq: 31 Jul 2023 18:51

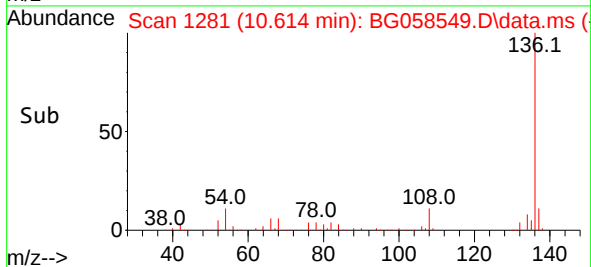
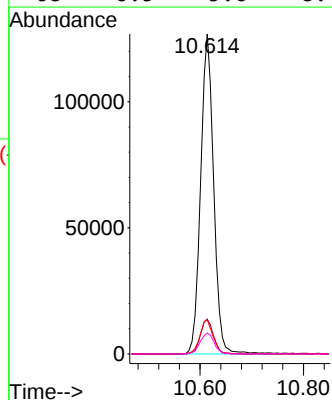
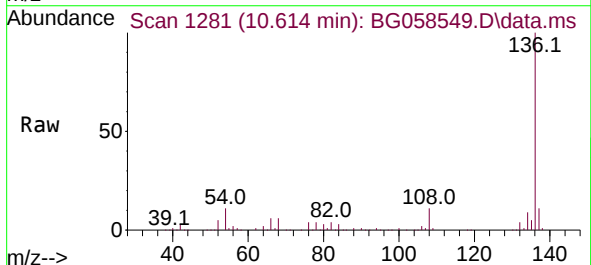
Instrument :
BNA_G
ClientSampleId :
B-P26B

Tgt Ion: 99 Resp: 454822
Ion Ratio Lower Upper
99 100
42 18.6 14.6 21.8
71 30.4 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.614 min Scan# 1281
Delta R.T. 0.000 min
Lab File: BG058549.D
Acq: 31 Jul 2023 18:51

Tgt Ion: 136 Resp: 221397
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 10.7 8.9 13.3
68 6.5 5.6 8.4

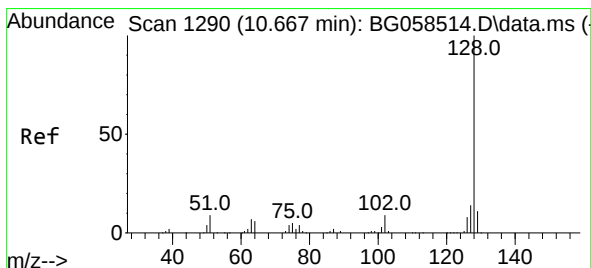
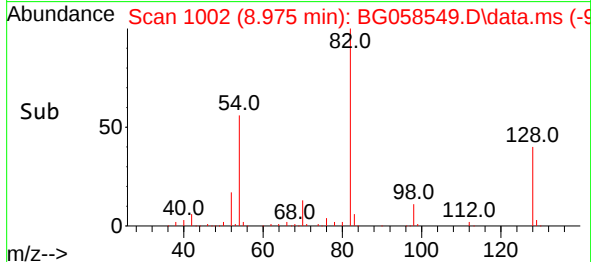
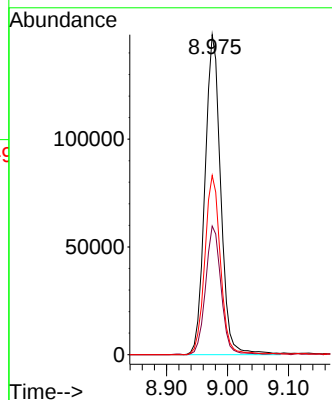
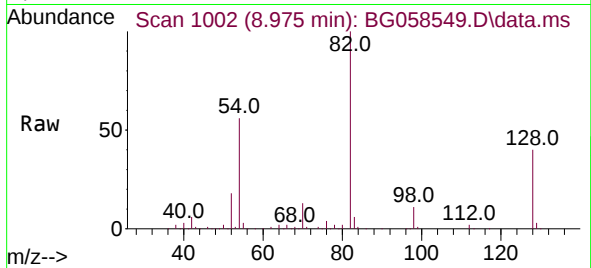




#23
Nitrobenzene-d5
Concen: 59.269 ng
RT: 8.975 min Scan# 1002
Delta R.T. -0.006 min
Lab File: BG058549.D
Acq: 31 Jul 2023 18:51

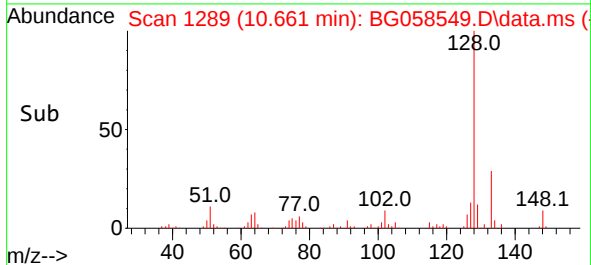
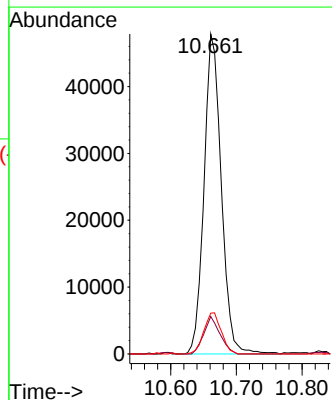
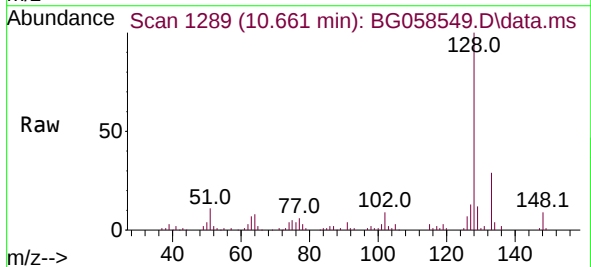
Instrument :
BNA_G
ClientSampleId :
B-P26B

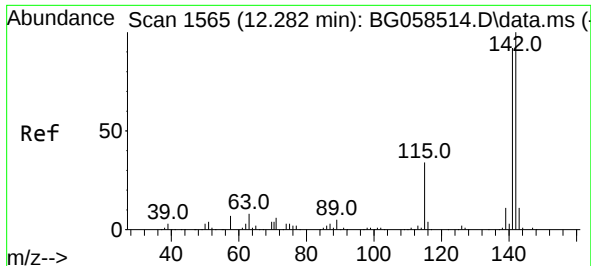
Tgt Ion: 82 Resp: 267111
Ion Ratio Lower Upper
82 100
128 40.2 32.2 48.2
54 56.0 46.0 69.0



#31
Naphthalene
Concen: 7.516 ng
RT: 10.661 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BG058549.D
Acq: 31 Jul 2023 18:51

Tgt Ion: 128 Resp: 87704
Ion Ratio Lower Upper
128 100
129 11.7 8.8 13.2
127 12.8 10.9 16.3





#37

2-Methylnaphthalene

Concen: 3.799 ng

RT: 12.283 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG058549.D

Acq: 31 Jul 2023 18:51

Instrument :

BNA_G

ClientSampleId :

B-P26B

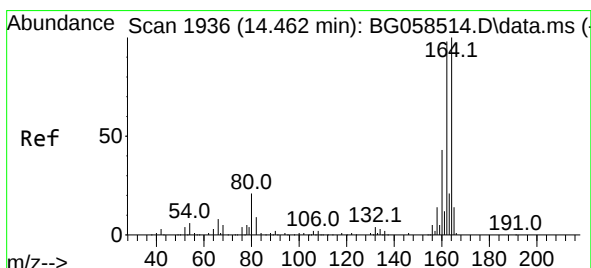
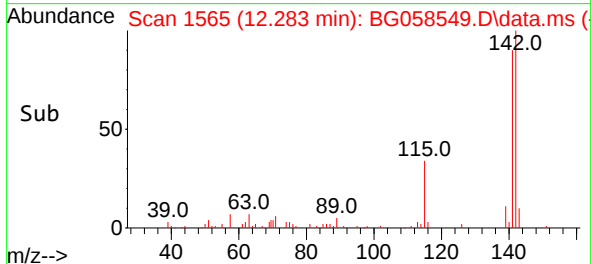
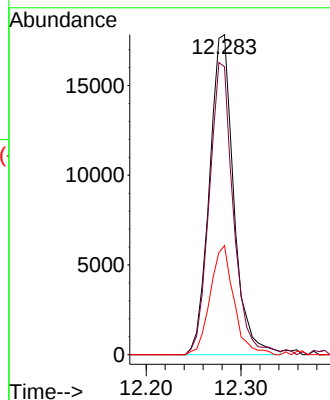
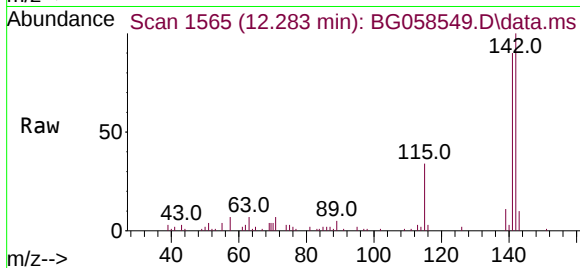
Tgt Ion:142 Resp: 31714

Ion Ratio Lower Upper

142 100

141 90.0 73.5 110.3

115 34.1 27.4 41.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.462 min Scan# 1936

Delta R.T. 0.000 min

Lab File: BG058549.D

Acq: 31 Jul 2023 18:51

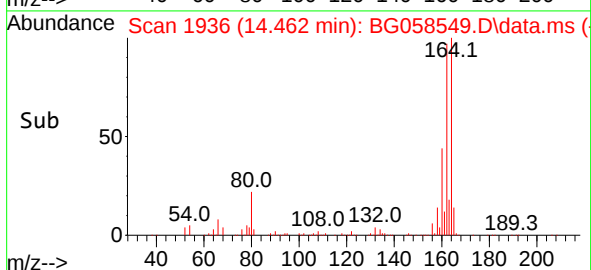
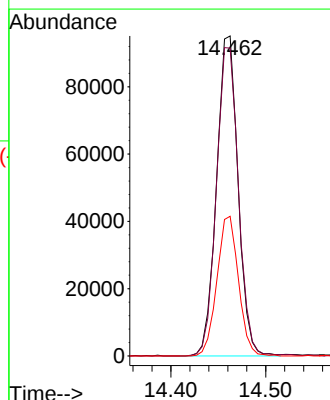
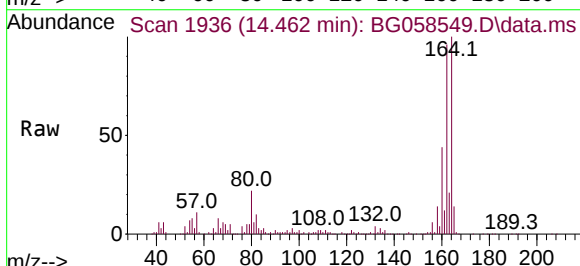
Tgt Ion:164 Resp: 150071

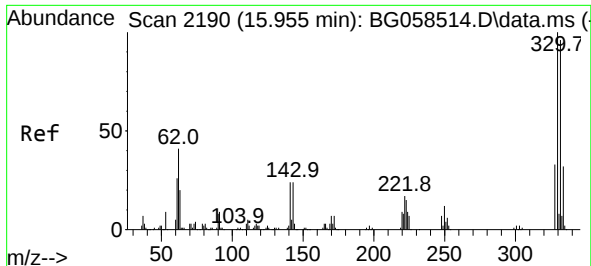
Ion Ratio Lower Upper

164 100

162 96.2 78.3 117.5

160 43.7 34.1 51.1





#42

2,4,6-Tribromophenol

Concen: 84.403 ng

RT: 15.949 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG058549.D

Acq: 31 Jul 2023 18:51

Instrument :

BNA_G

ClientSampleId :

B-P26B

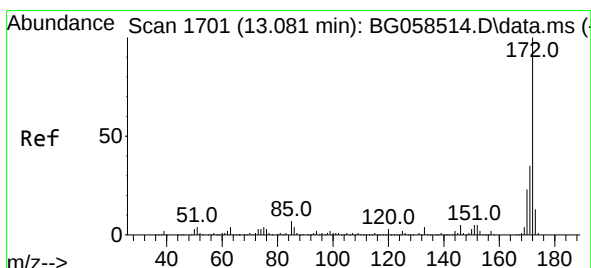
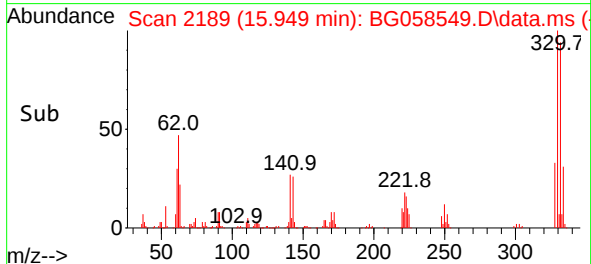
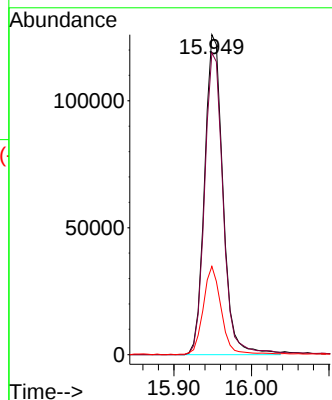
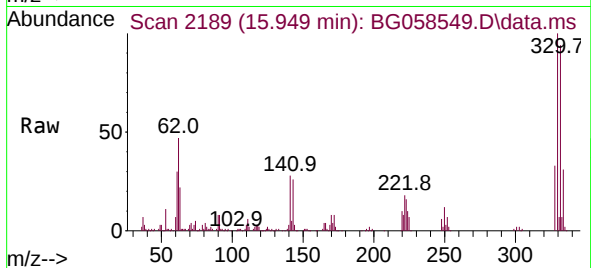
Tgt Ion:330 Resp: 207612

Ion Ratio Lower Upper

330 100

332 95.7 77.5 116.3

141 27.6 20.7 31.1



#45

2-Fluorobiphenyl

Concen: 60.804 ng

RT: 13.082 min Scan# 1701

Delta R.T. 0.000 min

Lab File: BG058549.D

Acq: 31 Jul 2023 18:51

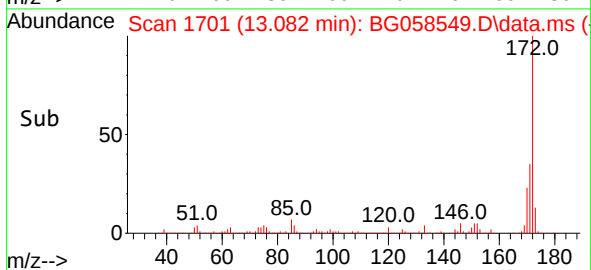
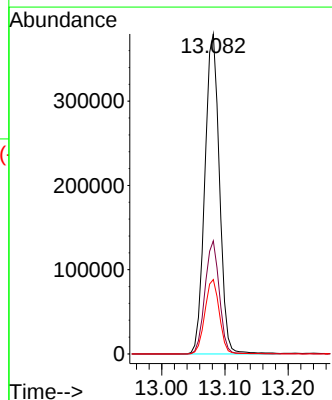
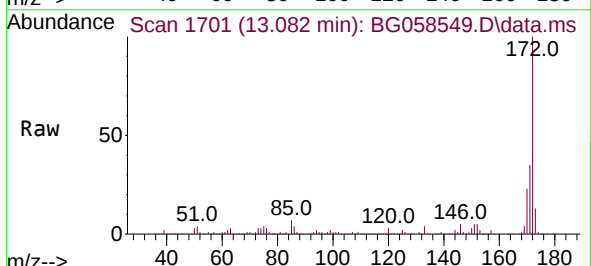
Tgt Ion:172 Resp: 608897

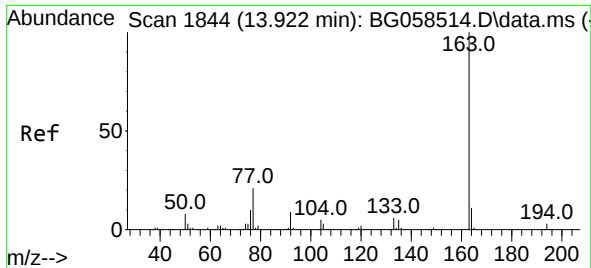
Ion Ratio Lower Upper

172 100

171 35.4 28.0 42.0

170 23.3 18.4 27.6

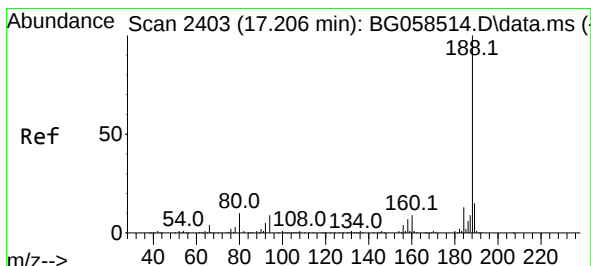
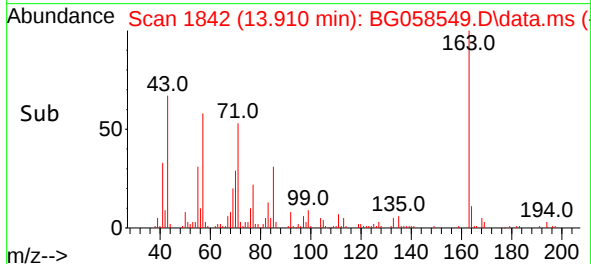
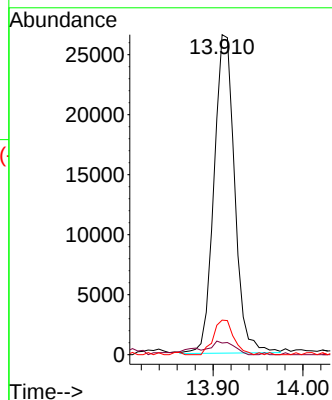
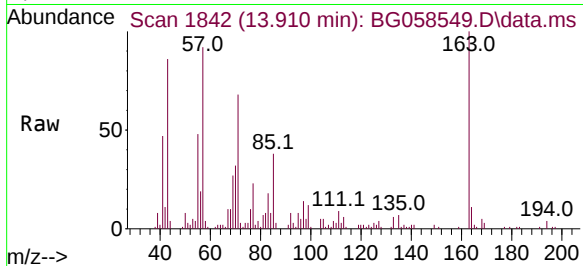




#50
Dimethylphthalate
Concen: 3.764 ng
RT: 13.910 min Scan# 1842
Delta R.T. -0.012 min
Lab File: BG058549.D
Acq: 31 Jul 2023 18:51

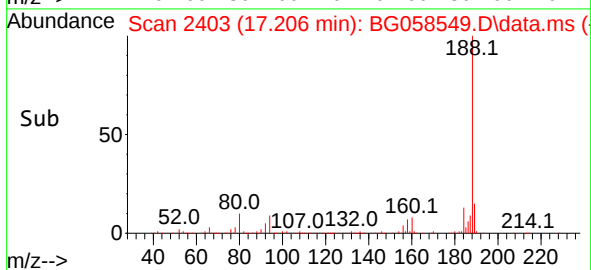
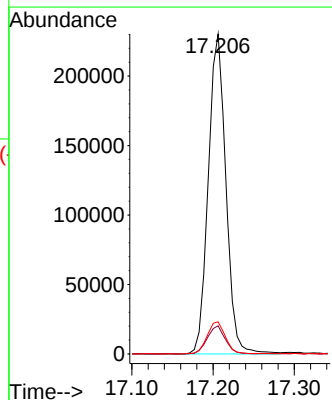
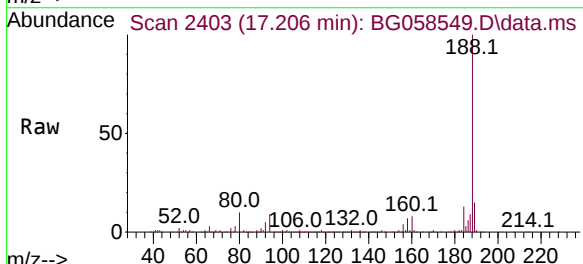
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BNA_G
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B-P26B

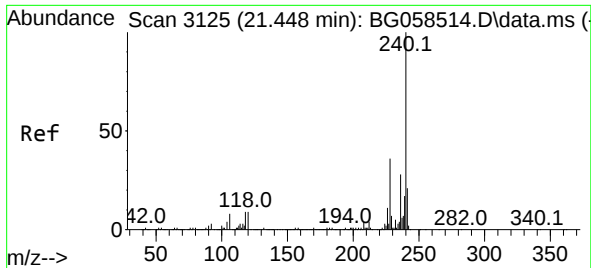
Tgt Ion:163 Resp: 42422
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.8 8.6 12.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.206 min Scan# 2403
Delta R.T. 0.000 min
Lab File: BG058549.D
Acq: 31 Jul 2023 18:51

Tgt Ion:188 Resp: 346900
Ion Ratio Lower Upper
188 100
94 8.8 7.0 10.6
80 10.1 8.1 12.1

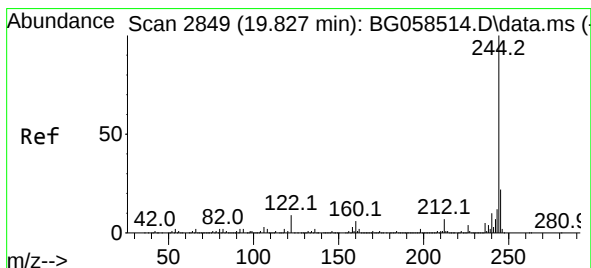
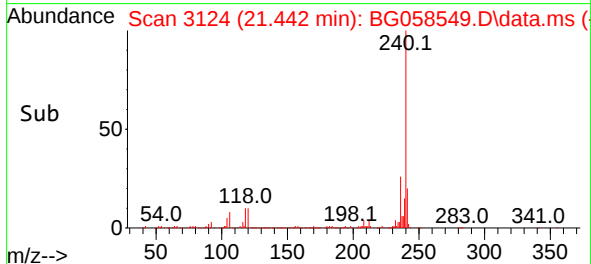
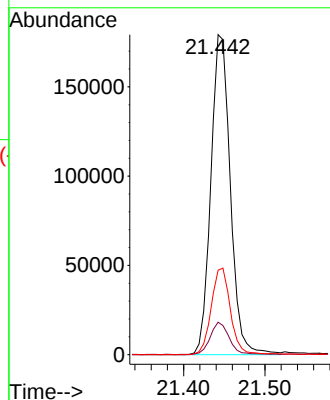
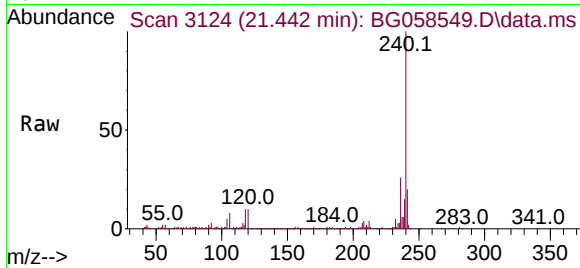




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.442 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG058549.D
Acq: 31 Jul 2023 18:51

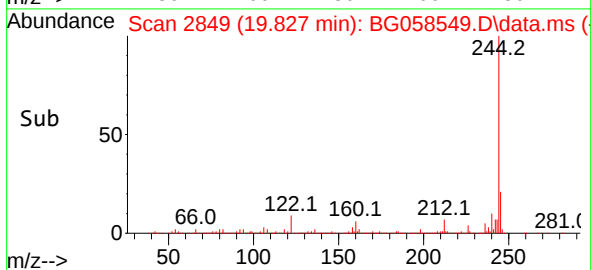
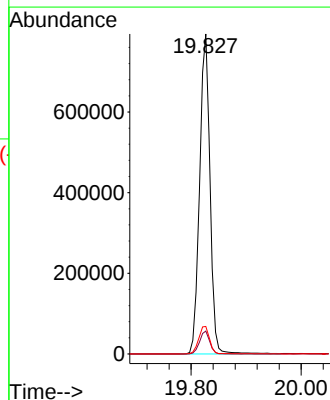
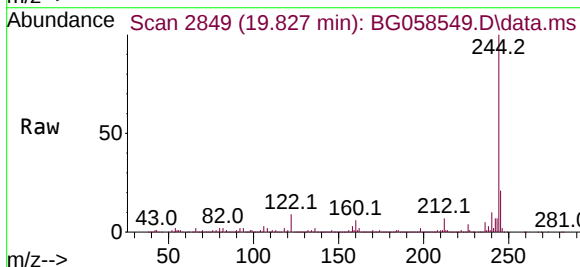
Instrument :
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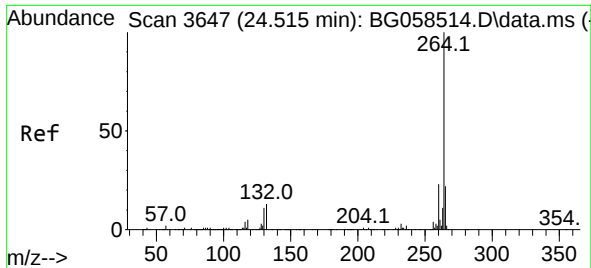
Tgt Ion:240 Resp: 298396
Ion Ratio Lower Upper
240 100
120 10.1 7.4 11.0
236 26.4 22.2 33.4



#79
Terphenyl-d14
Concen: 65.742 ng
RT: 19.827 min Scan# 2849
Delta R.T. 0.000 min
Lab File: BG058549.D
Acq: 31 Jul 2023 18:51

Tgt Ion:244 Resp: 1043175
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 8.6 6.8 10.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.515 min Scan# 30
 Delta R.T. 0.000 min
 Lab File: BG058549.D
 Acq: 31 Jul 2023 18:51

Instrument :
 BNA_G
 ClientSampleId :
 B-P26B

Tgt Ion:264 Resp: 378504
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.4 27.6
 265 21.6 17.9 26.9

