

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG073123\
 Data File : BG058539.D
 Acq On : 31 Jul 2023 11:50
 Operator : MA/JU
 Sample : 03741-05
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-P24B

Quant Time: Jul 31 12:28:48 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)

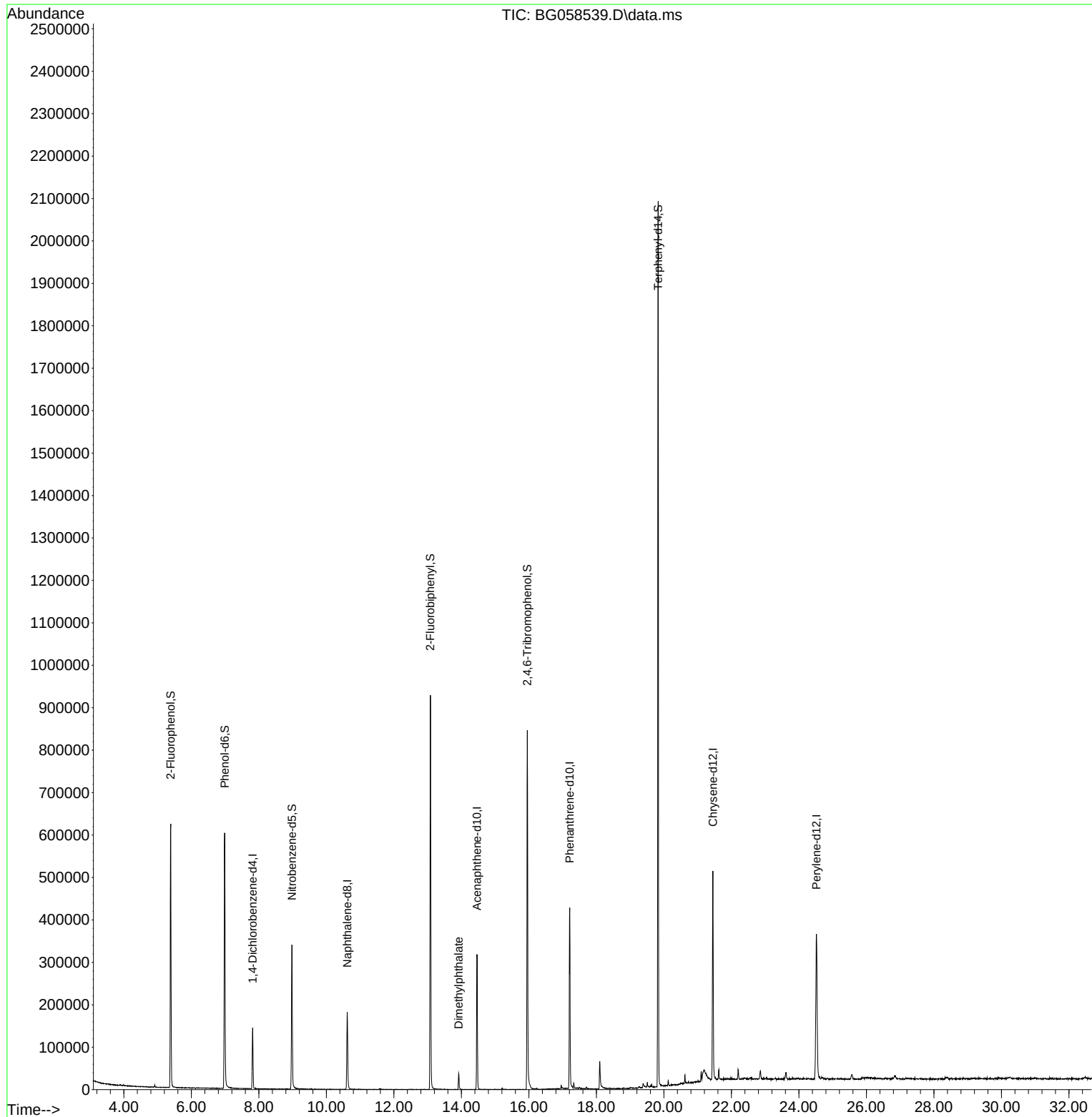
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.815	152	40307	20.000	ng	0.00
21) Naphthalene-d8	10.617	136	170925	20.000	ng	0.00
39) Acenaphthene-d10	14.460	164	120429	20.000	ng	0.00
64) Phenanthrene-d10	17.209	188	302334	20.000	ng	0.00
76) Chrysene-d12	21.452	240	299977	20.000	ng	0.00
86) Perylene-d12	24.519	264	366759	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.388	112	270851	102.708	ng	0.00
7) Phenol-d6	6.986	99	385638	105.093	ng	0.00
23) Nitrobenzene-d5	8.978	82	224221	64.443	ng	0.00
42) 2,4,6-Tribromophenol	15.952	330	197392	100.000	ng	0.00
45) 2-Fluorobiphenyl	13.079	172	535439	66.629	ng	0.00
79) Terphenyl-d14	19.830	244	1145941	71.838	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.919	163	31479	3.480	ng	Qvalue 99

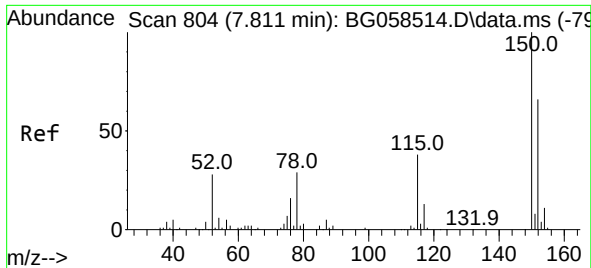
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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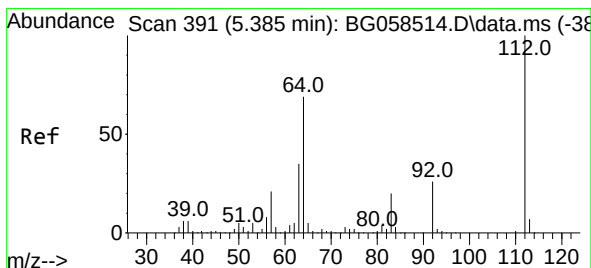
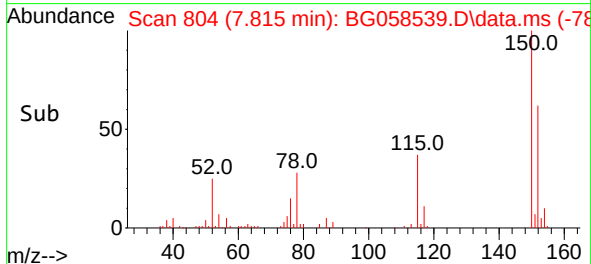
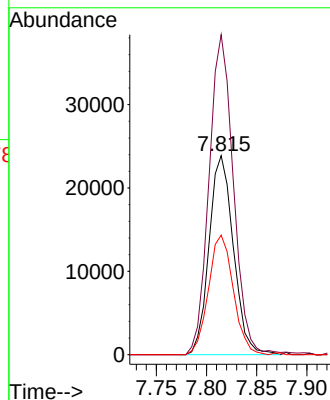
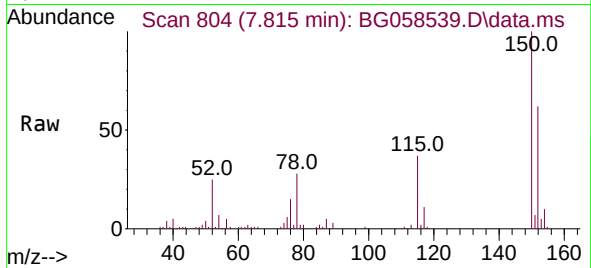




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.815 min Scan# 804
Delta R.T. 0.004 min
Lab File: BG058539.D
Acq: 31 Jul 2023 11:50

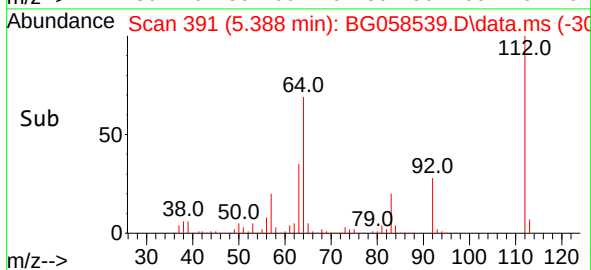
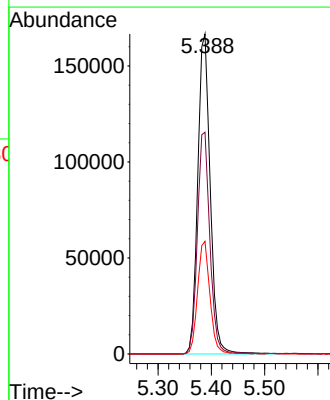
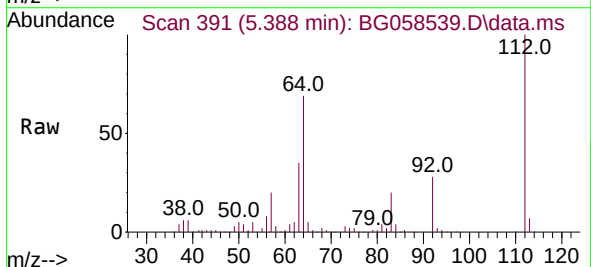
Instrument :
BNA_G
ClientSampleId :
B-P24B

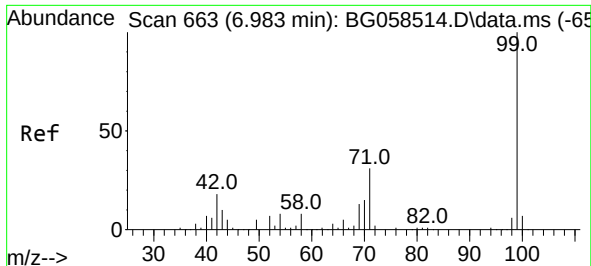
Tgt Ion:152 Resp: 40307
Ion Ratio Lower Upper
152 100
150 160.8 120.5 180.7
115 60.0 45.9 68.9



#5
2-Fluorophenol
Concen: 102.708 ng
RT: 5.388 min Scan# 391
Delta R.T. 0.003 min
Lab File: BG058539.D
Acq: 31 Jul 2023 11:50

Tgt Ion:112 Resp: 270851
Ion Ratio Lower Upper
112 100
64 69.3 55.3 82.9
63 35.2 28.3 42.5

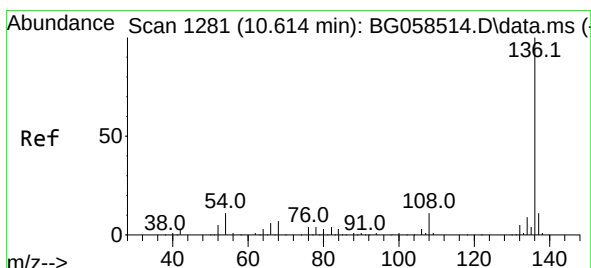
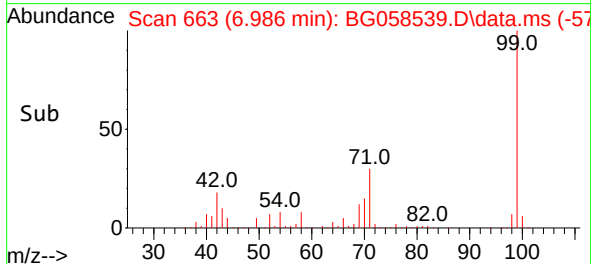
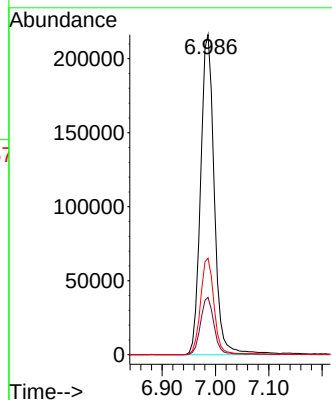
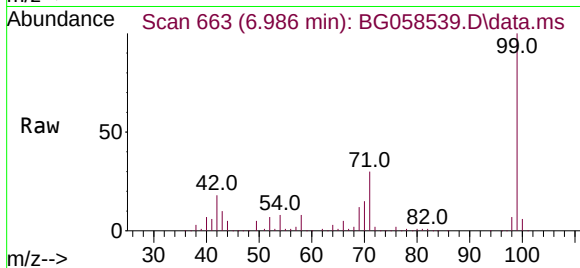




#7
Phenol-d6
Concen: 105.093 ng
RT: 6.986 min Scan# 60
Delta R.T. 0.003 min
Lab File: BG058539.D
Acq: 31 Jul 2023 11:50

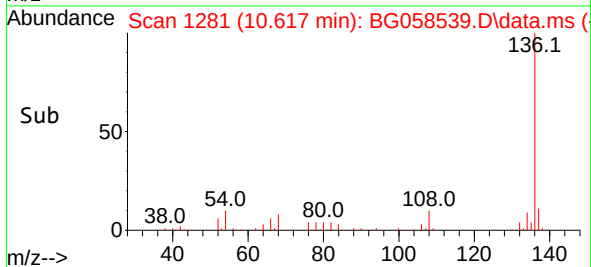
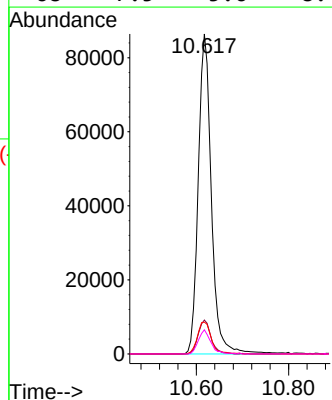
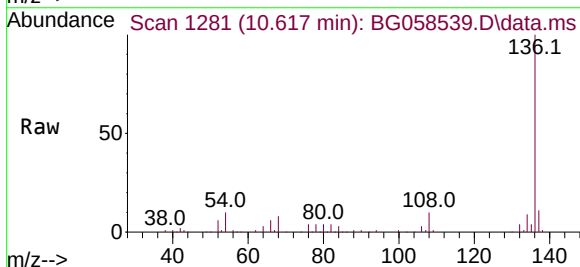
Instrument :
BNA_G
ClientSampleId :
B-P24B

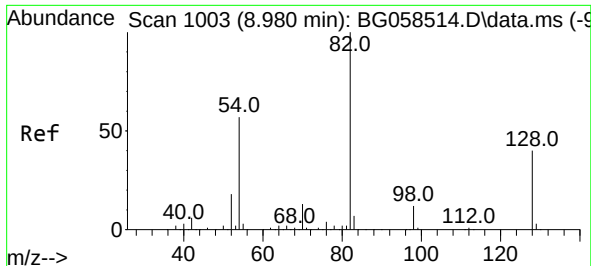
Tgt Ion: 99 Resp: 385638
Ion Ratio Lower Upper
99 100
42 17.9 14.6 21.8
71 30.1 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.617 min Scan# 1281
Delta R.T. 0.003 min
Lab File: BG058539.D
Acq: 31 Jul 2023 11:50

Tgt Ion: 136 Resp: 170925
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 9.9 8.9 13.3
68 7.5 5.6 8.4

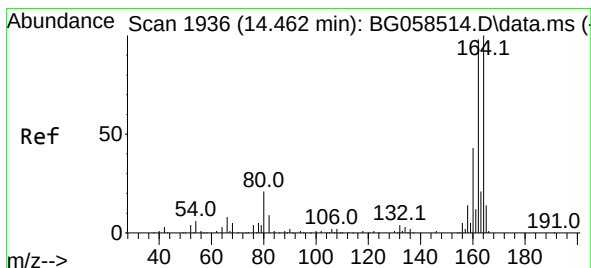
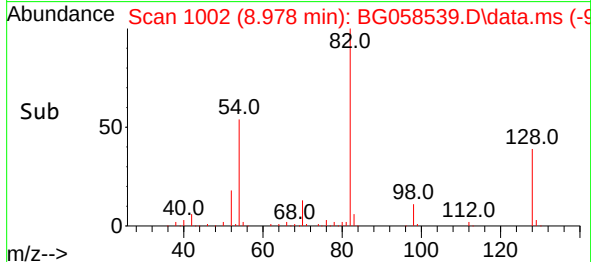
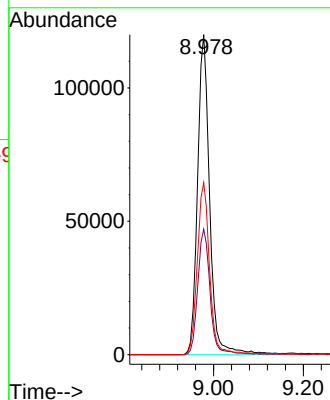
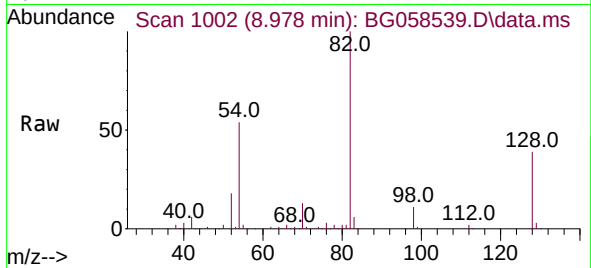




#23
Nitrobenzene-d5
Concen: 64.443 ng
RT: 8.978 min Scan# 1002
Delta R.T. -0.002 min
Lab File: BG058539.D
Acq: 31 Jul 2023 11:50

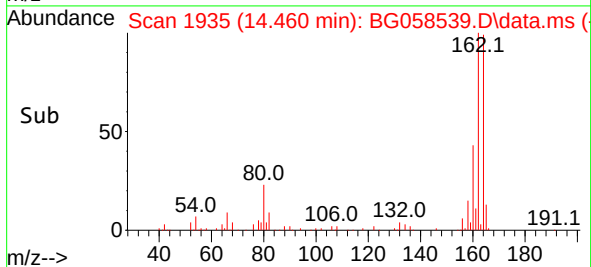
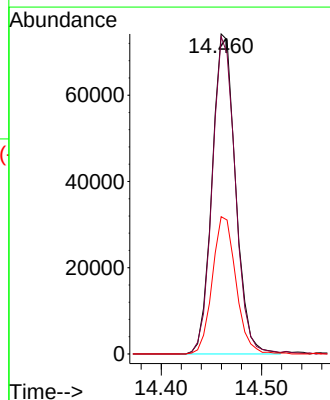
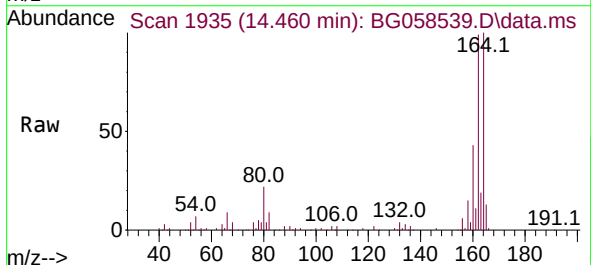
Instrument :
BNA_G
ClientSampleId :
B-P24B

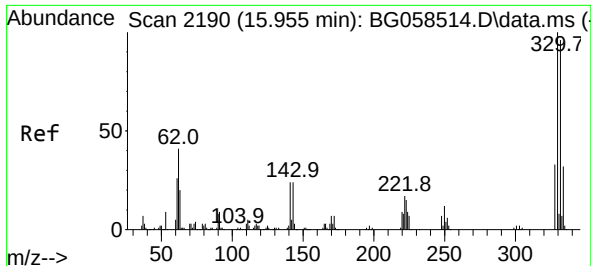
Tgt Ion: 82 Resp: 224221
Ion Ratio Lower Upper
82 100
128 39.2 32.2 48.2
54 53.8 46.0 69.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.460 min Scan# 1935
Delta R.T. -0.002 min
Lab File: BG058539.D
Acq: 31 Jul 2023 11:50

Tgt Ion:164 Resp: 120429
Ion Ratio Lower Upper
164 100
162 99.1 78.3 117.5
160 42.9 34.1 51.1





#42

2,4,6-Tribromophenol

Concen: 100.000 ng

RT: 15.952 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG058539.D

Acq: 31 Jul 2023 11:50

Instrument :

BNA_G

ClientSampleId :

B-P24B

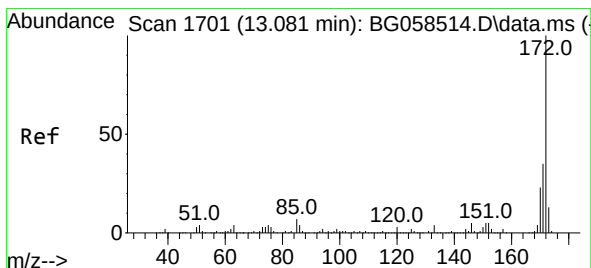
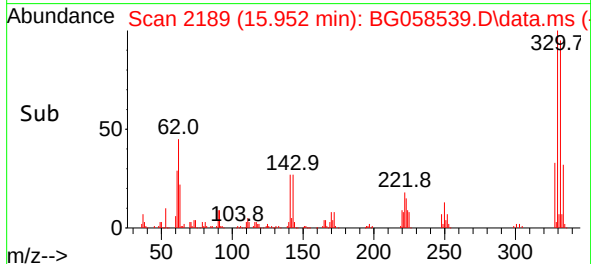
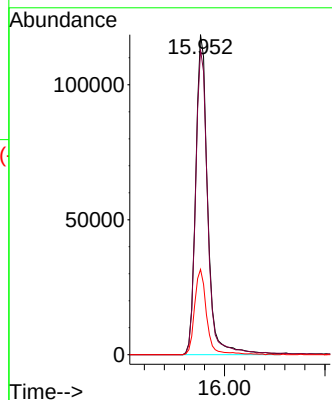
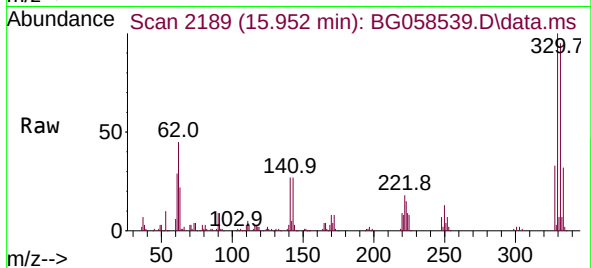
Tgt Ion:330 Resp: 197392

Ion Ratio Lower Upper

330 100

332 95.8 77.5 116.3

141 26.6 20.7 31.1



#45

2-Fluorobiphenyl

Concen: 66.629 ng

RT: 13.079 min Scan# 1700

Delta R.T. -0.002 min

Lab File: BG058539.D

Acq: 31 Jul 2023 11:50

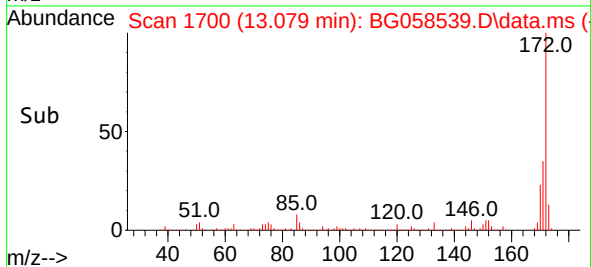
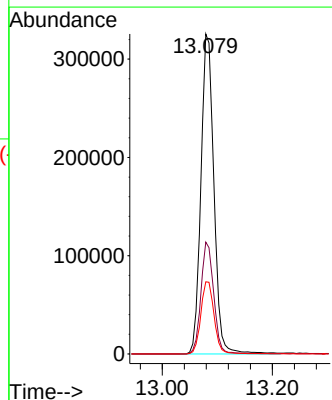
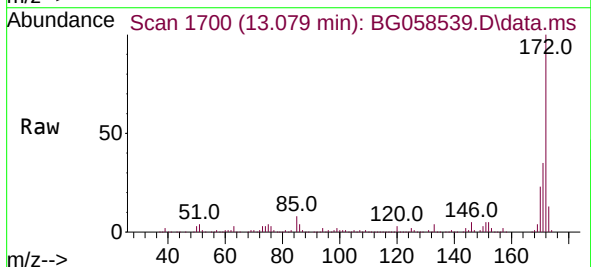
Tgt Ion:172 Resp: 535439

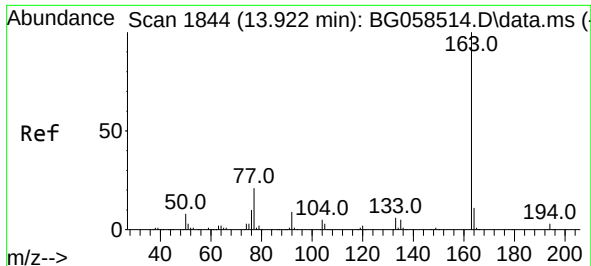
Ion Ratio Lower Upper

172 100

171 35.0 28.0 42.0

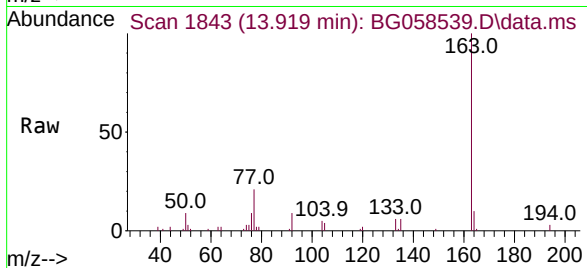
170 22.6 18.4 27.6



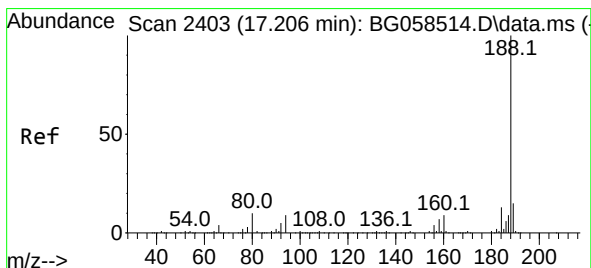
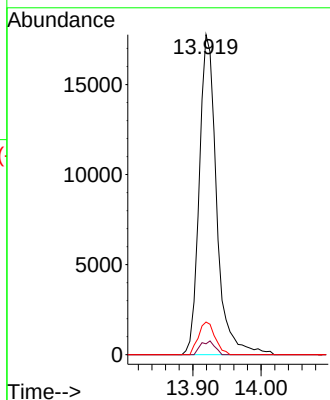
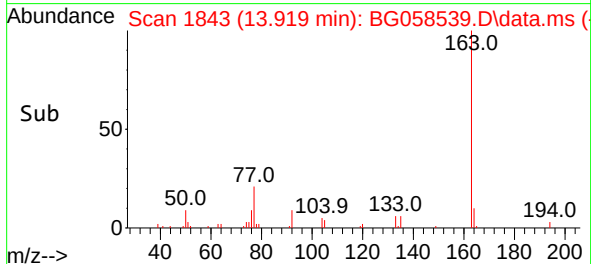


#50
Dimethylphthalate
Concen: 3.480 ng
RT: 13.919 min Scan# 1843
Delta R.T. -0.002 min
Lab File: BG058539.D
Acq: 31 Jul 2023 11:50

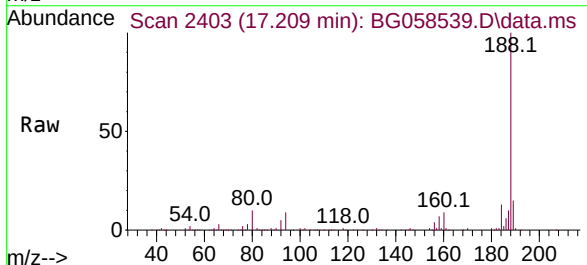
Instrument :
BNA_G
ClientSampleId :
B-P24B



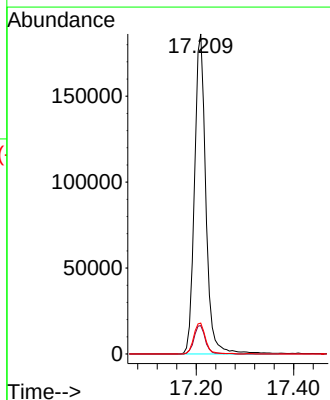
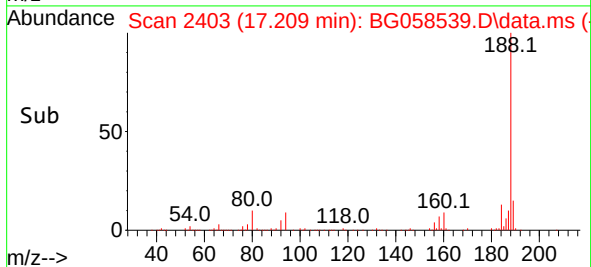
Tgt Ion:163 Resp: 31479
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.2 8.6 12.8

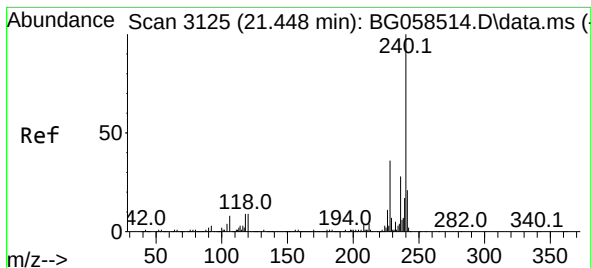


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.209 min Scan# 2403
Delta R.T. 0.003 min
Lab File: BG058539.D
Acq: 31 Jul 2023 11:50



Tgt Ion:188 Resp: 302334
Ion Ratio Lower Upper
188 100
94 8.9 7.0 10.6
80 9.7 8.1 12.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.452 min Scan# 31

Delta R.T. 0.003 min

Lab File: BG058539.D

Acq: 31 Jul 2023 11:50

Instrument :

BNA_G

ClientSampleId :

B-P24B

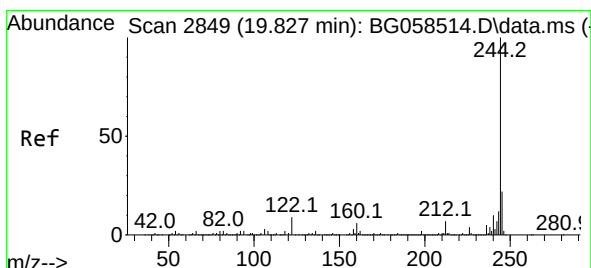
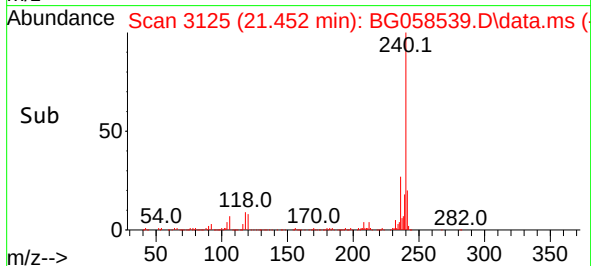
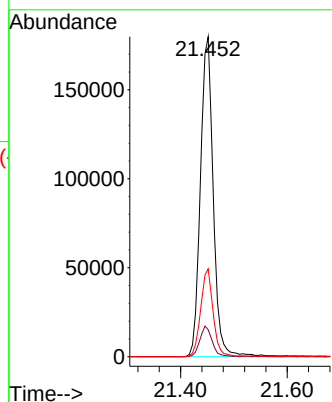
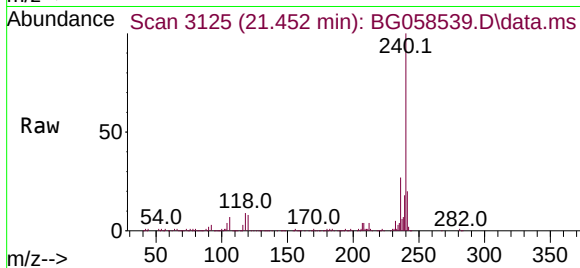
Tgt Ion:240 Resp: 299977

Ion Ratio Lower Upper

240 100

120 8.4 7.4 11.0

236 27.5 22.2 33.4



#79

Terphenyl-d14

Concen: 71.838 ng

RT: 19.830 min Scan# 2849

Delta R.T. 0.003 min

Lab File: BG058539.D

Acq: 31 Jul 2023 11:50

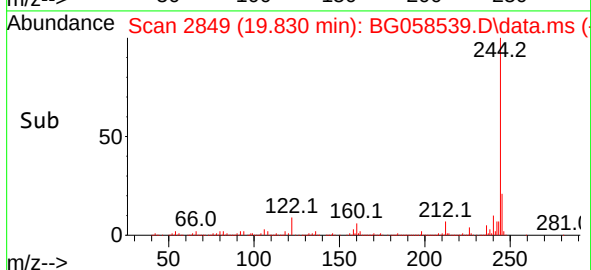
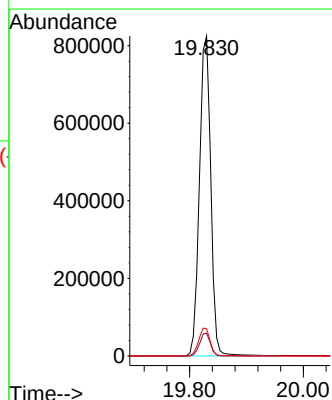
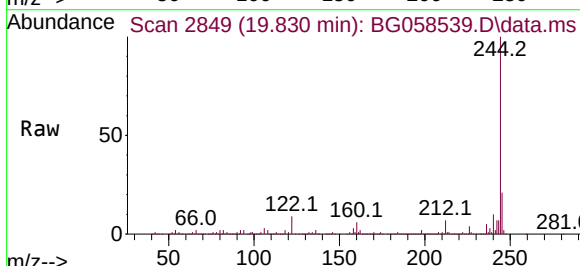
Tgt Ion:244 Resp: 1145941

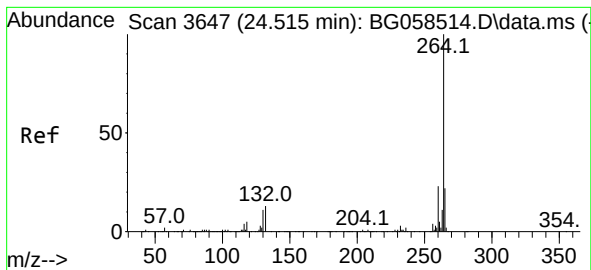
Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

122 8.5 6.8 10.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.519 min Scan# 30
Delta R.T. 0.003 min
Lab File: BG058539.D
Acq: 31 Jul 2023 11:50

Instrument :
BNA_G
ClientSampleId :
B-P24B

Tgt Ion:264 Resp: 366759

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.4	27.6
265	21.1	17.9	26.9

