

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG073123\
 Data File : BG058547.D
 Acq On : 31 Jul 2023 17:29
 Operator : MA/JU
 Sample : 03741-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-P25B

Quant Time: Jul 31 18:05:07 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)

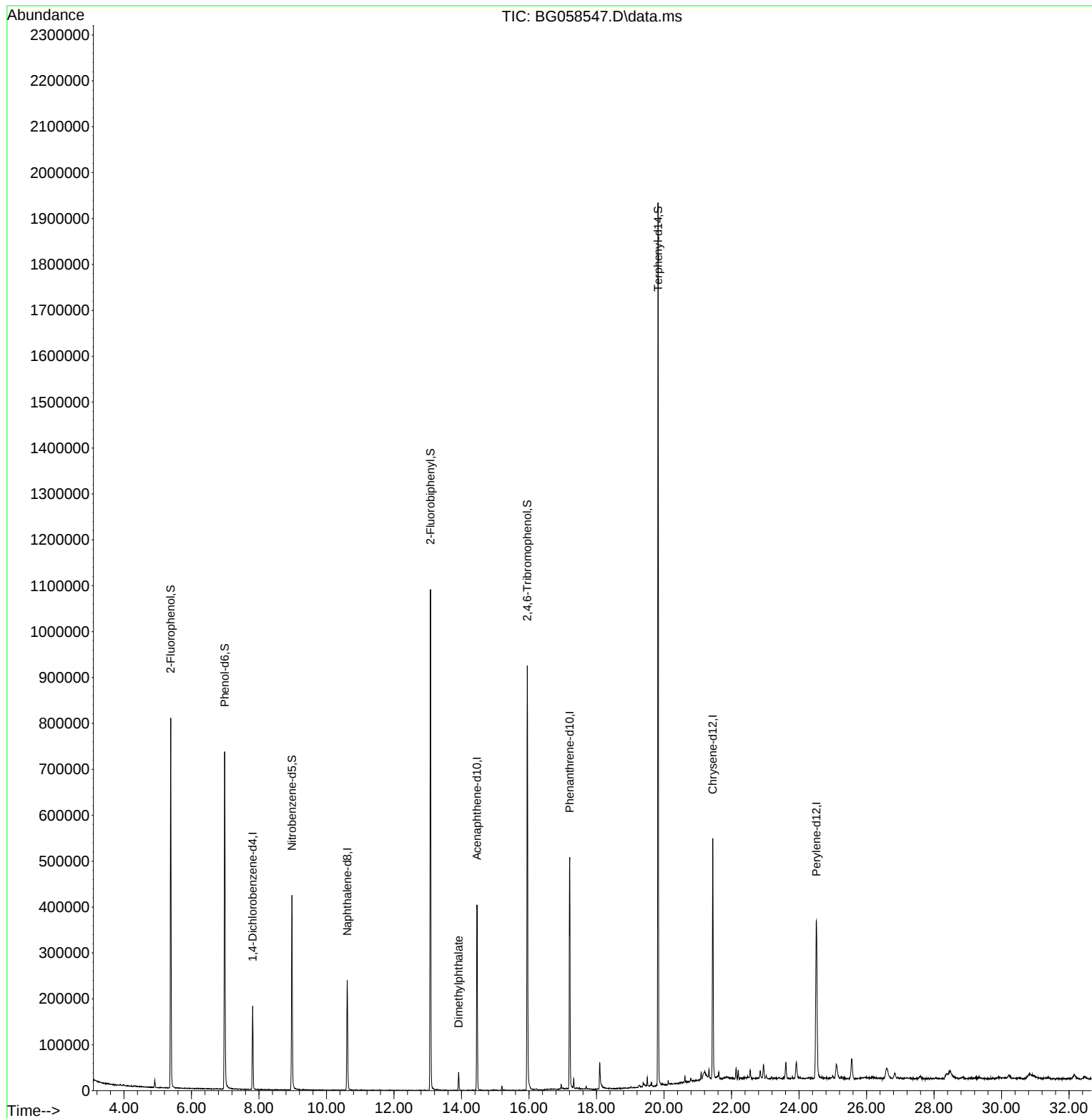
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.812	152	50504	20.000	ng	0.00
21) Naphthalene-d8	10.615	136	216339	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	150522	20.000	ng	0.00
64) Phenanthrene-d10	17.207	188	350663	20.000	ng	0.00
76) Chrysene-d12	21.443	240	304600	20.000	ng	0.00
86) Perylene-d12	24.516	264	379013	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.386	112	335496	101.535	ng	0.00
7) Phenol-d6	6.984	99	454953	98.950	ng	0.00
23) Nitrobenzene-d5	8.976	82	270038	61.319	ng	0.00
42) 2,4,6-Tribromophenol	15.950	330	213931	86.711	ng	0.00
45) 2-Fluorobiphenyl	13.083	172	626887	62.413	ng	0.00
79) Terphenyl-d14	19.822	244	1044509	64.485	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.917	163	30399	2.689	ng	Qvalue # 99

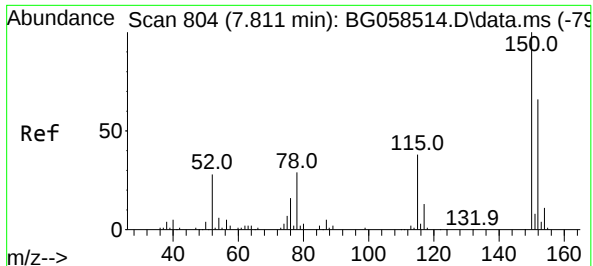
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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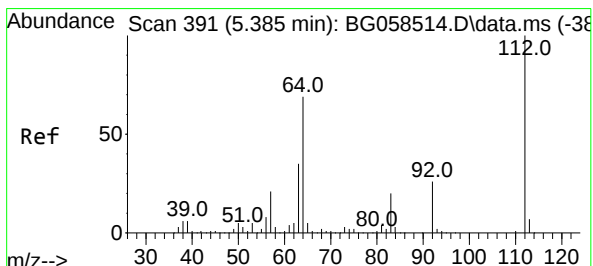
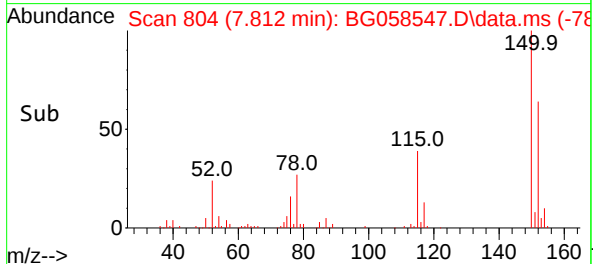
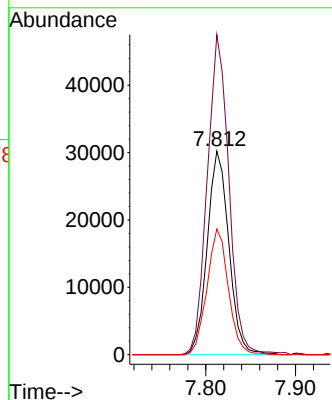
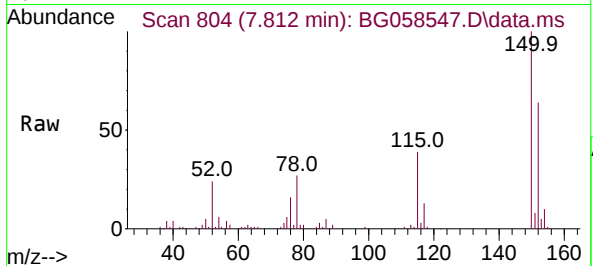




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.812 min Scan# 804
Delta R.T. 0.001 min
Lab File: BG058547.D
Acq: 31 Jul 2023 17:29

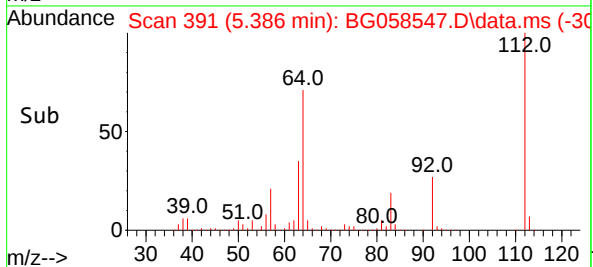
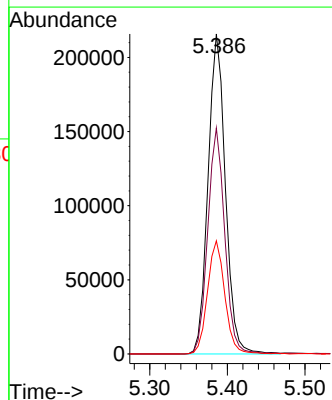
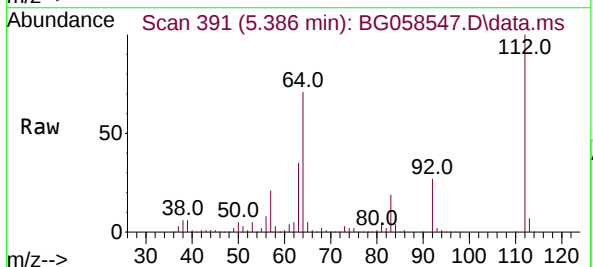
Instrument :
BNA_G
ClientSampleId :
B-P25B

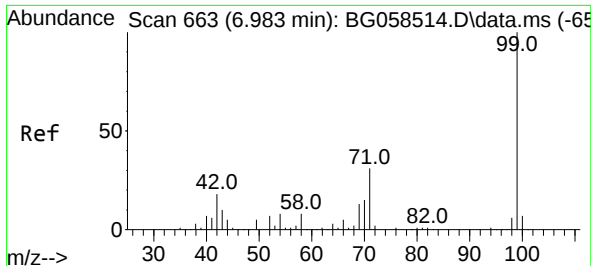
Tgt Ion:152 Resp: 50504
Ion Ratio Lower Upper
152 100
150 157.2 120.5 180.7
115 61.7 45.9 68.9



#5
2-Fluorophenol
Concen: 101.535 ng
RT: 5.386 min Scan# 391
Delta R.T. 0.001 min
Lab File: BG058547.D
Acq: 31 Jul 2023 17:29

Tgt Ion:112 Resp: 335496
Ion Ratio Lower Upper
112 100
64 70.6 55.3 82.9
63 35.4 28.3 42.5

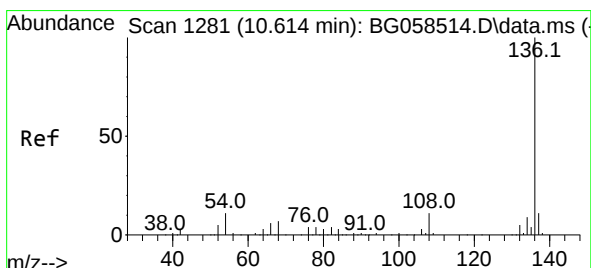
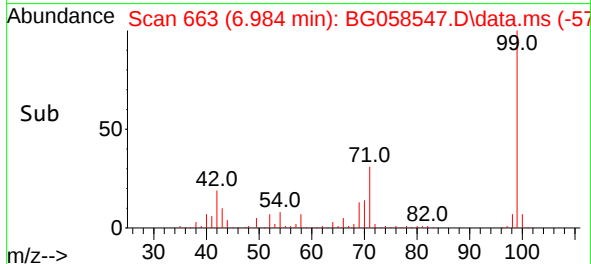
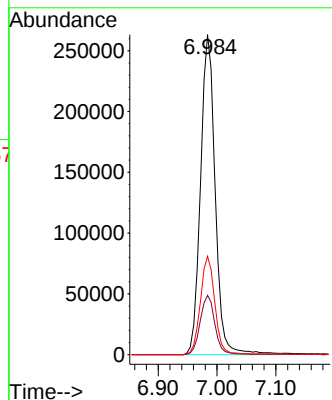
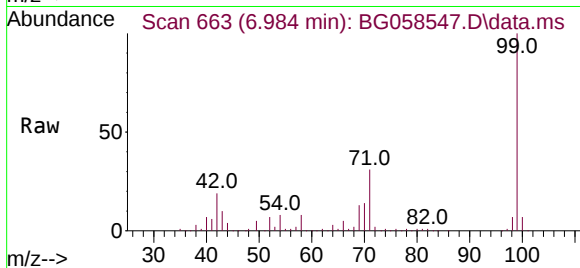




#7
Phenol-d6
Concen: 98.950 ng
RT: 6.984 min Scan# 60
Delta R.T. 0.001 min
Lab File: BG058547.D
Acq: 31 Jul 2023 17:29

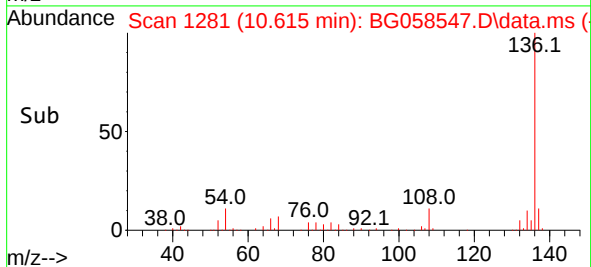
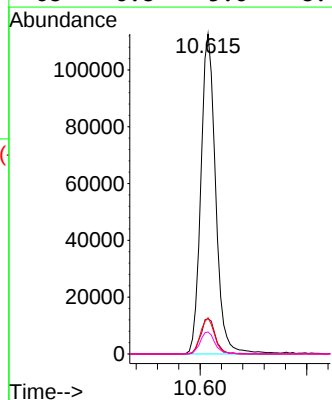
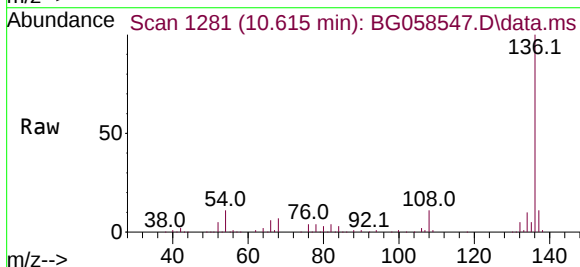
Instrument :
BNA_G
ClientSampleId :
B-P25B

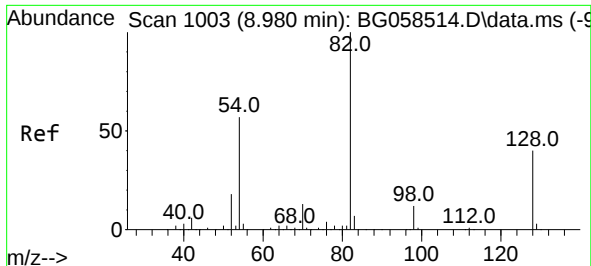
Tgt Ion: 99 Resp: 454953
Ion Ratio Lower Upper
99 100
42 18.5 14.6 21.8
71 30.7 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.615 min Scan# 1281
Delta R.T. 0.001 min
Lab File: BG058547.D
Acq: 31 Jul 2023 17:29

Tgt Ion: 136 Resp: 216339
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 11.3 8.9 13.3
68 6.8 5.6 8.4

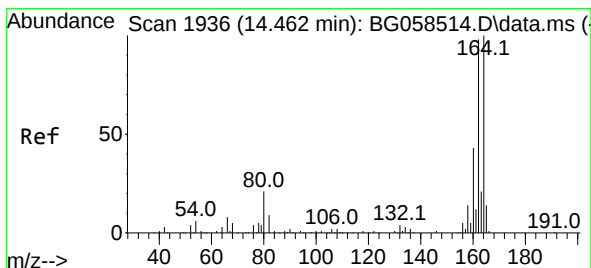
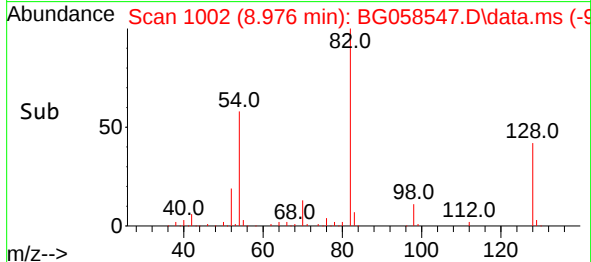
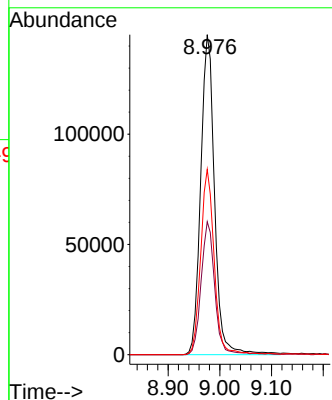
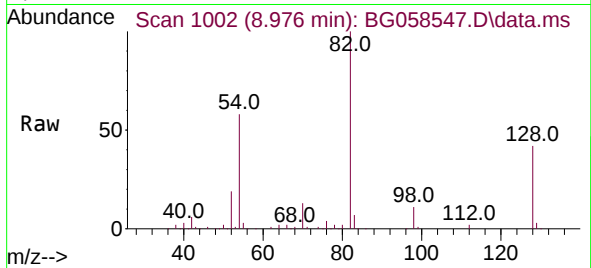




#23
Nitrobenzene-d5
Concen: 61.319 ng
RT: 8.976 min Scan# 1002
Delta R.T. -0.005 min
Lab File: BG058547.D
Acq: 31 Jul 2023 17:29

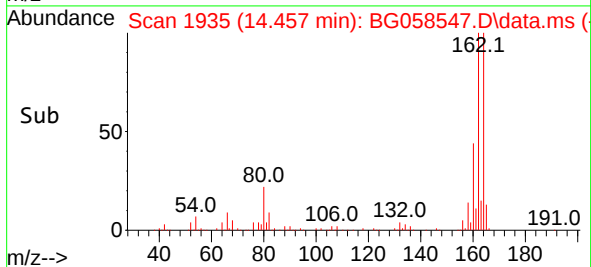
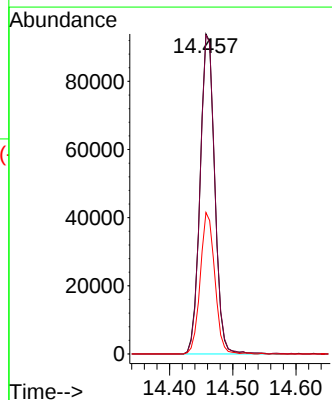
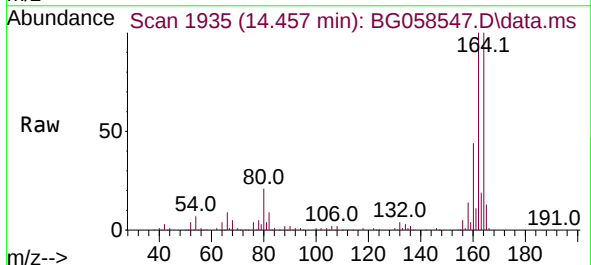
Instrument :
BNA_G
ClientSampleId :
B-P25B

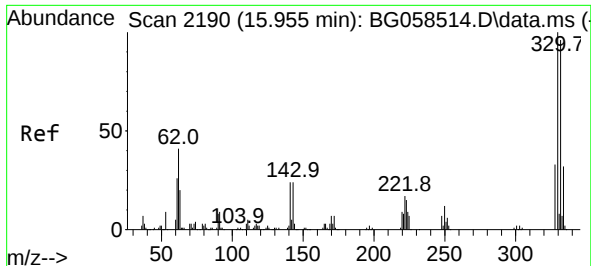
Tgt Ion: 82 Resp: 270038
Ion Ratio Lower Upper
82 100
128 41.5 32.2 48.2
54 57.9 46.0 69.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1935
Delta R.T. -0.005 min
Lab File: BG058547.D
Acq: 31 Jul 2023 17:29

Tgt Ion:164 Resp: 150522
Ion Ratio Lower Upper
164 100
162 99.6 78.3 117.5
160 44.2 34.1 51.1





#42

2,4,6-Tribromophenol

Concen: 86.711 ng

RT: 15.950 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG058547.D

Acq: 31 Jul 2023 17:29

Instrument :

BNA_G

ClientSampleId :

B-P25B

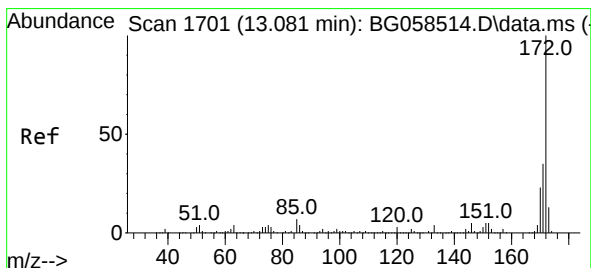
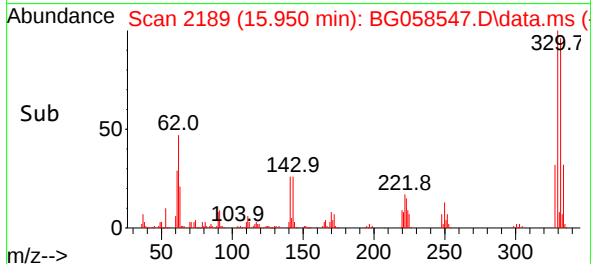
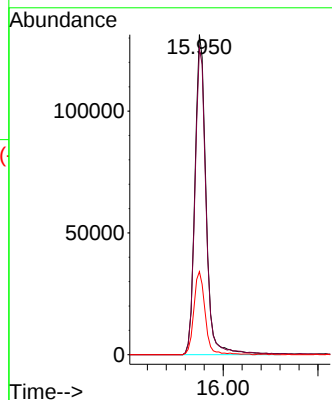
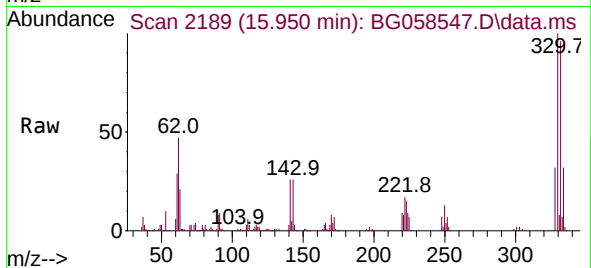
Tgt Ion:330 Resp: 213931

Ion Ratio Lower Upper

330 100

332 96.3 77.5 116.3

141 26.4 20.7 31.1



#45

2-Fluorobiphenyl

Concen: 62.413 ng

RT: 13.083 min Scan# 1701

Delta R.T. 0.001 min

Lab File: BG058547.D

Acq: 31 Jul 2023 17:29

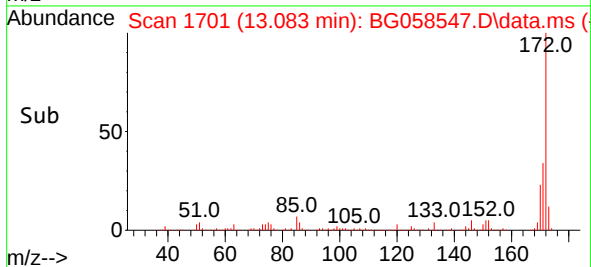
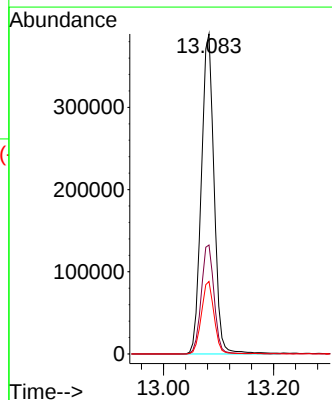
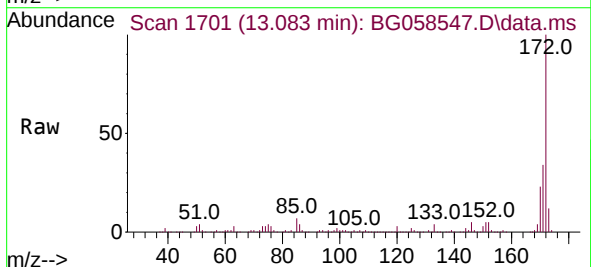
Tgt Ion:172 Resp: 626887

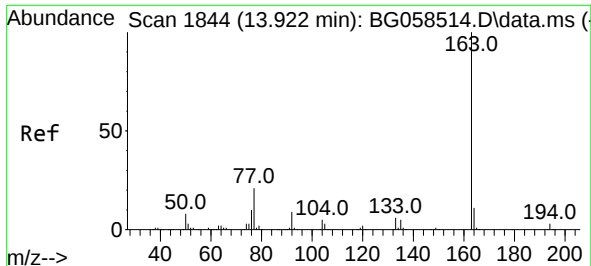
Ion Ratio Lower Upper

172 100

171 34.0 28.0 42.0

170 22.7 18.4 27.6

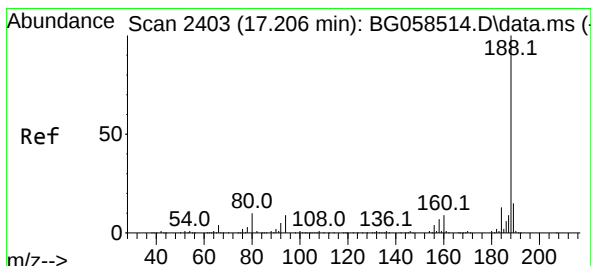
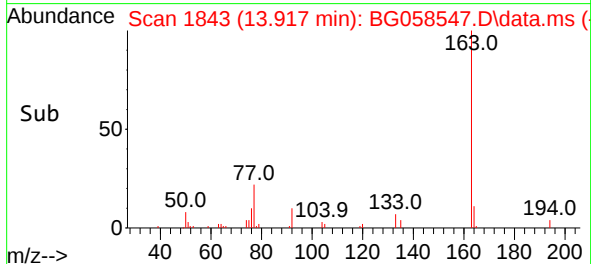
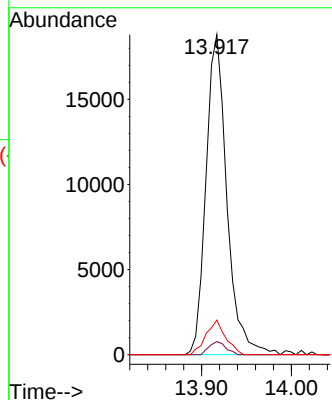
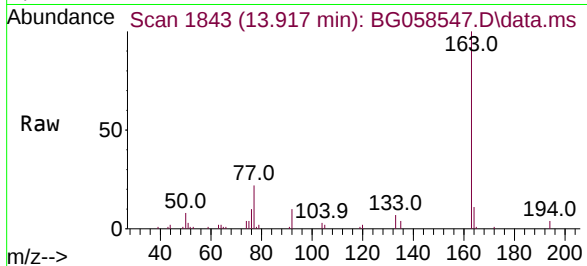




#50
Dimethylphthalate
Concen: 2.689 ng
RT: 13.917 min Scan# 1843
Delta R.T. -0.005 min
Lab File: BG058547.D
Acq: 31 Jul 2023 17:29

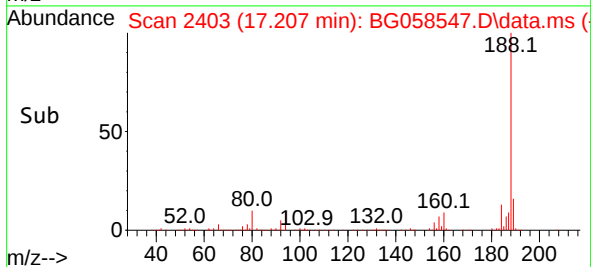
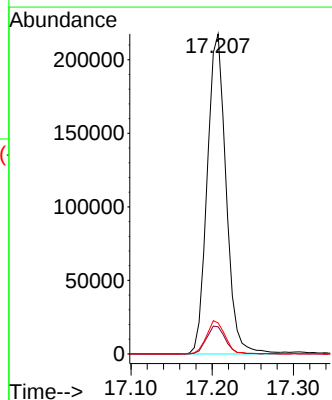
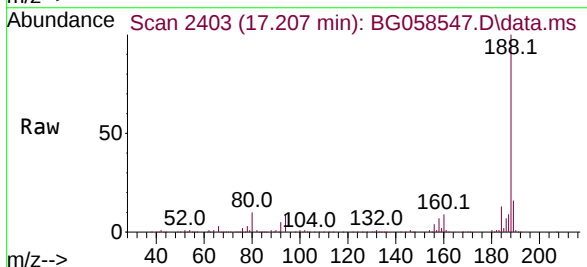
Instrument :
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B-P25B

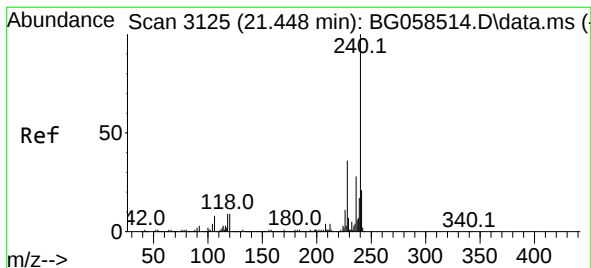
Tgt Ion:163 Resp: 30399
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1#
164 10.8 8.6 12.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.207 min Scan# 2403
Delta R.T. 0.001 min
Lab File: BG058547.D
Acq: 31 Jul 2023 17:29

Tgt Ion:188 Resp: 350663
Ion Ratio Lower Upper
188 100
94 8.5 7.0 10.6
80 9.7 8.1 12.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.443 min Scan# 31

Delta R.T. -0.005 min

Lab File: BG058547.D

Acq: 31 Jul 2023 17:29

Instrument :

BNA_G

ClientSampleId :

B-P25B

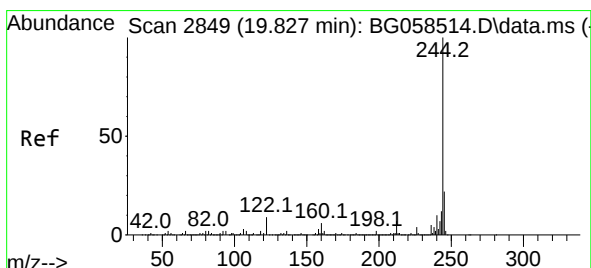
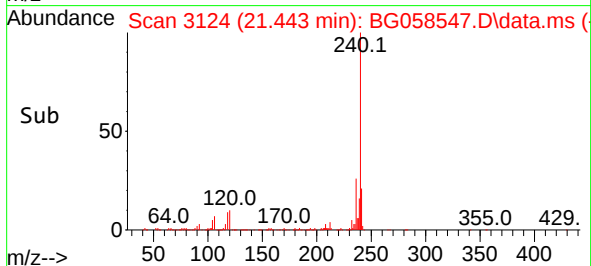
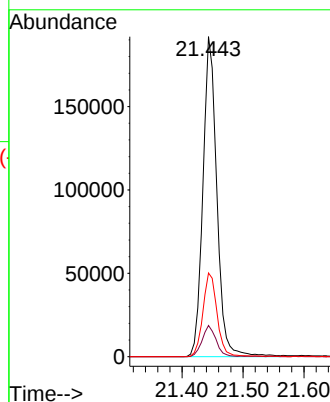
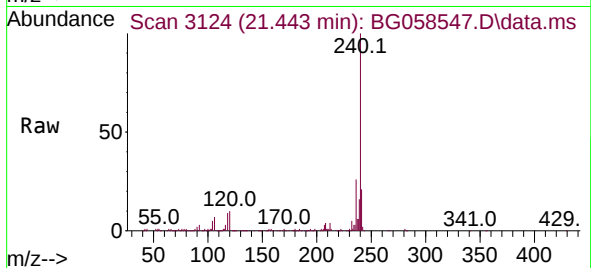
Tgt Ion:240 Resp: 304600

Ion Ratio Lower Upper

240 100

120 9.8 7.4 11.0

236 26.1 22.2 33.4



#79

Terphenyl-d14

Concen: 64.485 ng

RT: 19.822 min Scan# 2848

Delta R.T. -0.005 min

Lab File: BG058547.D

Acq: 31 Jul 2023 17:29

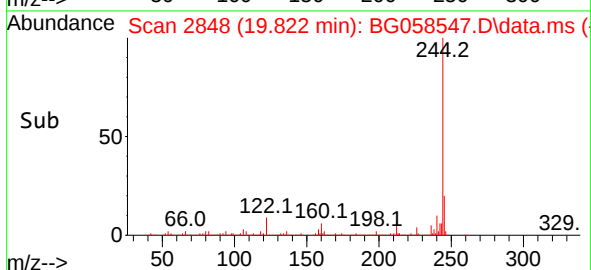
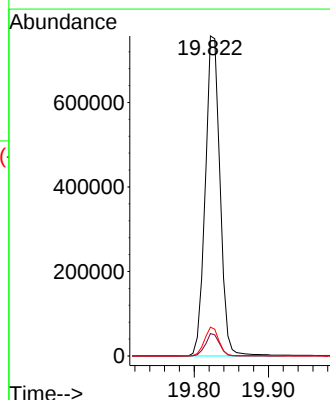
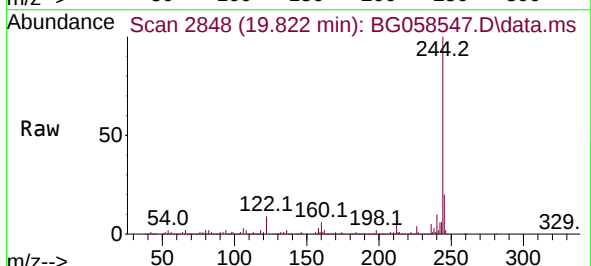
Tgt Ion:244 Resp: 1044509

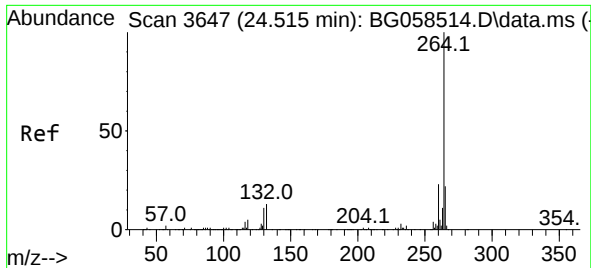
Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

122 9.0 6.8 10.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.516 min Scan# 30
Delta R.T. 0.001 min
Lab File: BG058547.D
Acq: 31 Jul 2023 17:29

Instrument :
BNA_G
ClientSampleId :
B-P25B

Tgt Ion:264 Resp: 379013

Ion	Ratio	Lower	Upper
264	100		
260	22.3	18.4	27.6
265	21.6	17.9	26.9

