

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080423\
 Data File : BG058604.D
 Acq On : 4 Aug 2023 10:03
 Operator : MA/JU
 Sample : 03877-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-1

Quant Time: Aug 04 11:56:44 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	53258	20.000	ng	0.00
21) Naphthalene-d8	10.614	136	231685	20.000	ng	0.00
39) Acenaphthene-d10	14.462	164	156275	20.000	ng	0.00
64) Phenanthrene-d10	17.206	188	343527	20.000	ng	0.00
76) Chrysene-d12	21.448	240	303783	20.000	ng	0.00
86) Perylene-d12	24.521	264	373565	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	264156	75.810	ng	0.00
7) Phenol-d6	6.983	99	367056	75.705	ng	0.00
23) Nitrobenzene-d5	8.974	82	221725	47.013	ng	0.00
42) 2,4,6-Tribromophenol	15.949	330	161991	63.242	ng	0.00
45) 2-Fluorobiphenyl	13.081	172	511240	49.025	ng	0.00
79) Terphenyl-d14	19.826	244	822039	50.887	ng	0.00

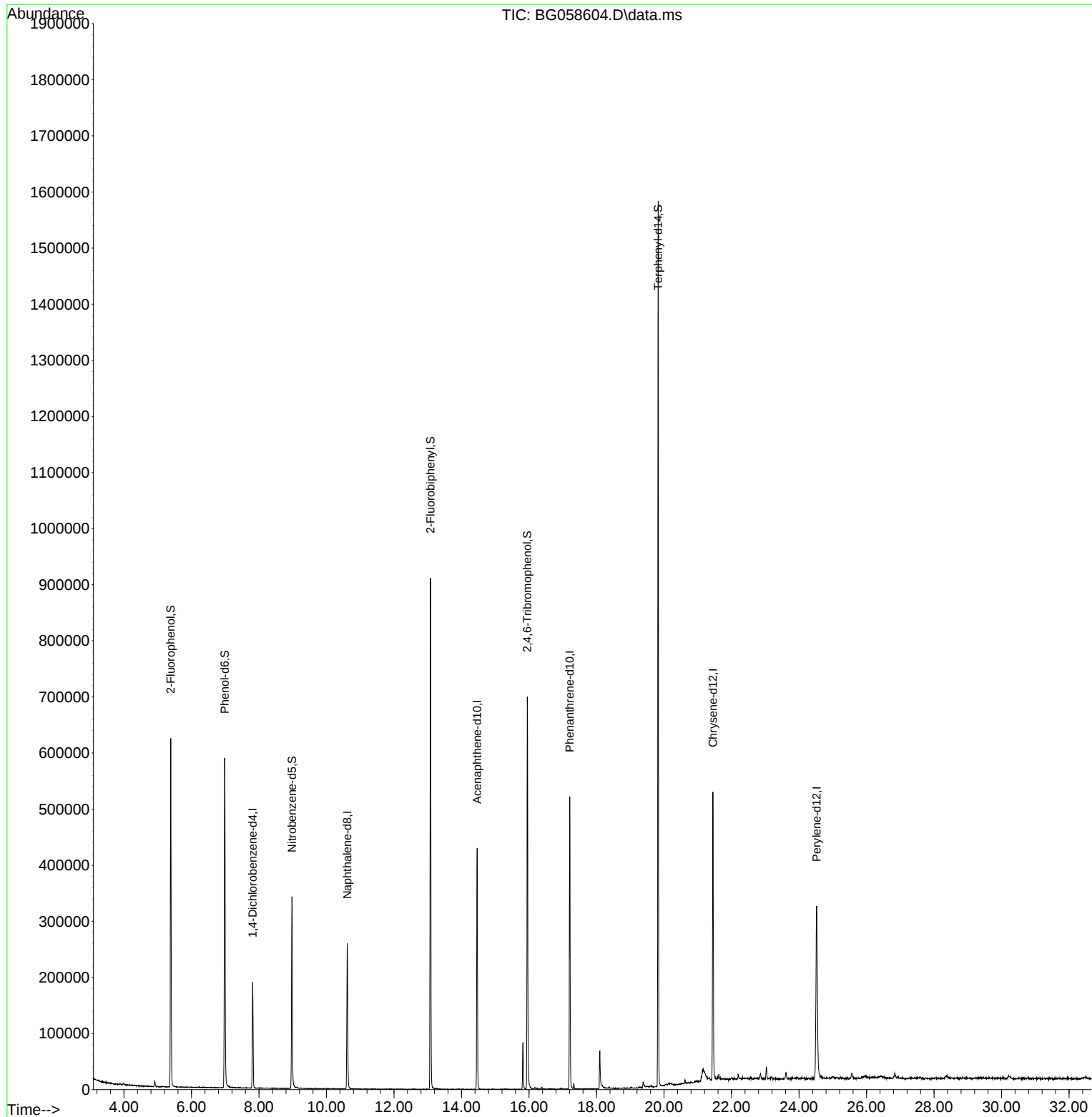
Target Compounds	Qvalue

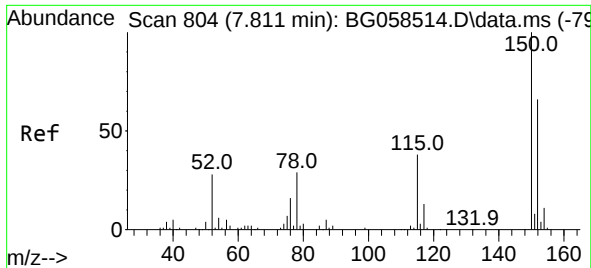
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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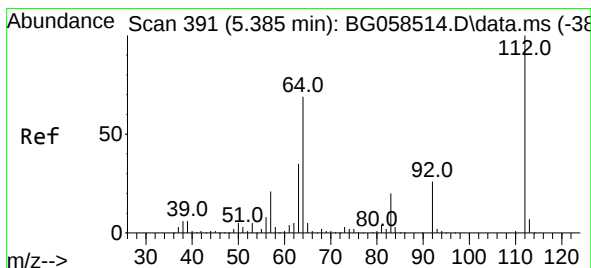
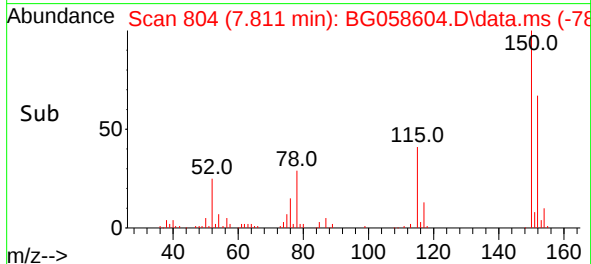
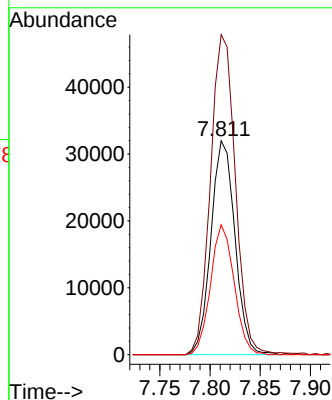
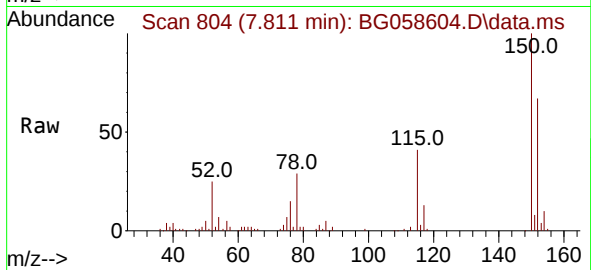




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.811 min Scan# 804
Delta R.T. 0.000 min
Lab File: BG058604.D
Acq: 4 Aug 2023 10:03

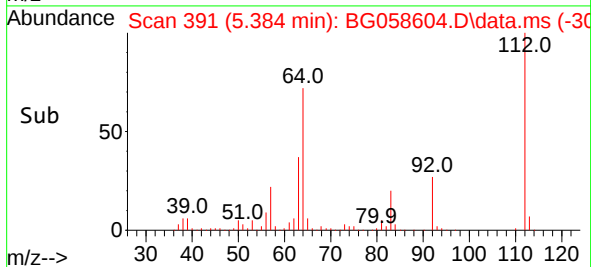
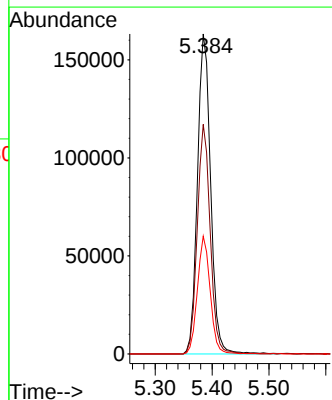
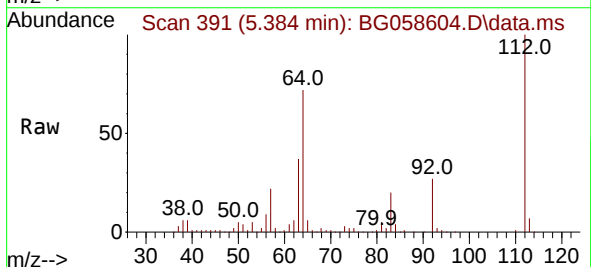
Instrument :
BNA_G
ClientSampleId :
COMP-1

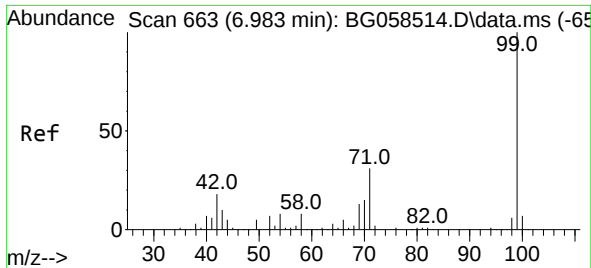
Tgt Ion:152 Resp: 53258
Ion Ratio Lower Upper
152 100
150 149.6 120.5 180.7
115 60.7 45.9 68.9



#5
2-Fluorophenol
Concen: 75.810 ng
RT: 5.384 min Scan# 391
Delta R.T. -0.000 min
Lab File: BG058604.D
Acq: 4 Aug 2023 10:03

Tgt Ion:112 Resp: 264156
Ion Ratio Lower Upper
112 100
64 71.7 55.3 82.9
63 36.8 28.3 42.5

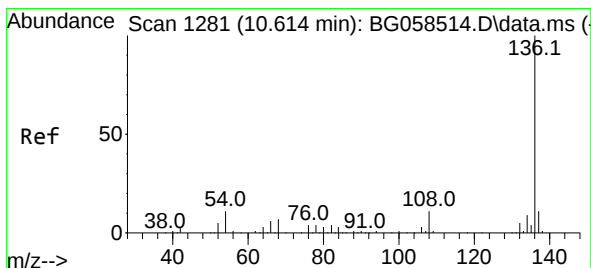
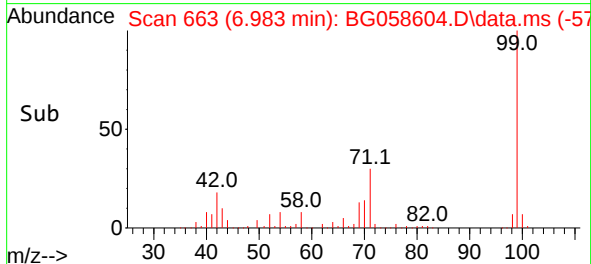
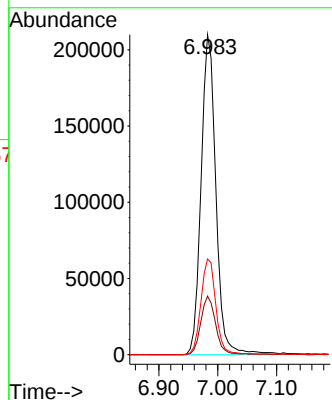
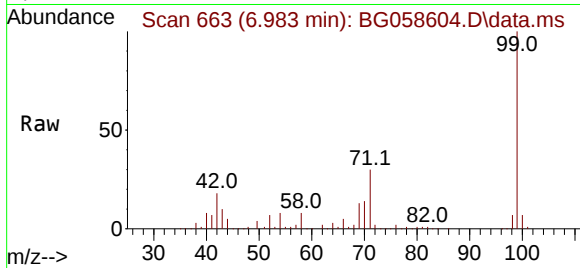




#7
Phenol-d6
Concen: 75.705 ng
RT: 6.983 min Scan# 60
Delta R.T. -0.000 min
Lab File: BG058604.D
Acq: 4 Aug 2023 10:03

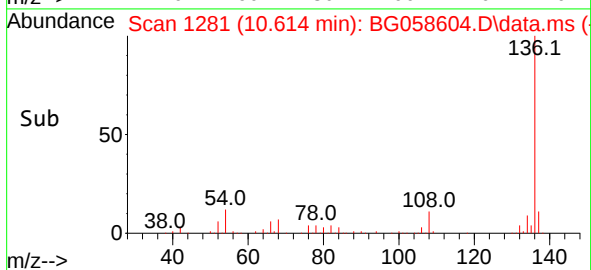
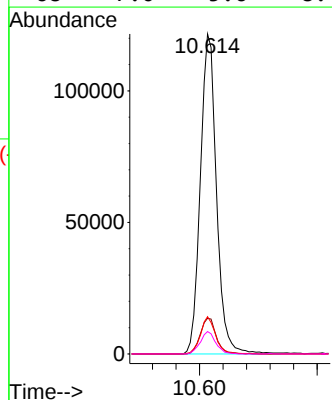
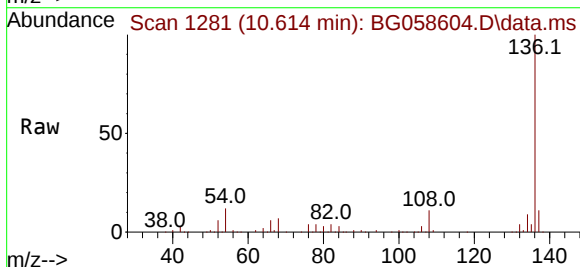
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ClientSampleId :
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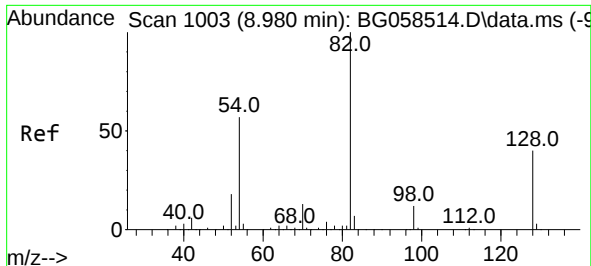
Tgt Ion: 99 Resp: 367056
Ion Ratio Lower Upper
99 100
42 18.3 14.6 21.8
71 29.9 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.614 min Scan# 1281
Delta R.T. -0.000 min
Lab File: BG058604.D
Acq: 4 Aug 2023 10:03

Tgt Ion: 136 Resp: 231685
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 11.7 8.9 13.3
68 7.0 5.6 8.4

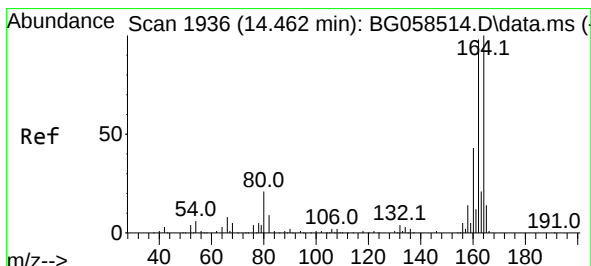
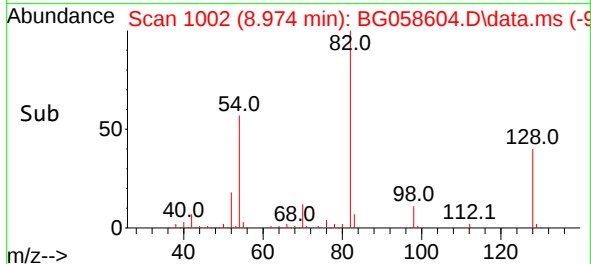
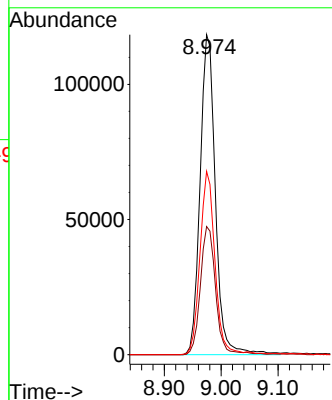
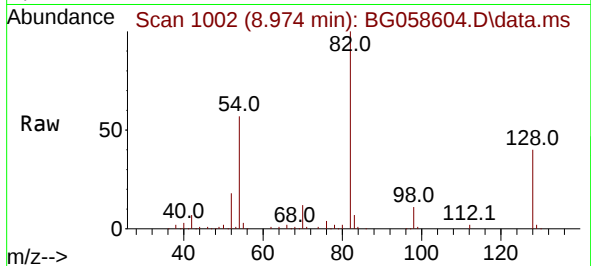




#23
Nitrobenzene-d5
Concen: 47.013 ng
RT: 8.974 min Scan# 1002
Delta R.T. -0.006 min
Lab File: BG058604.D
Acq: 4 Aug 2023 10:03

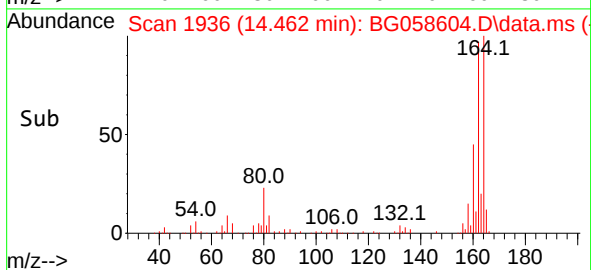
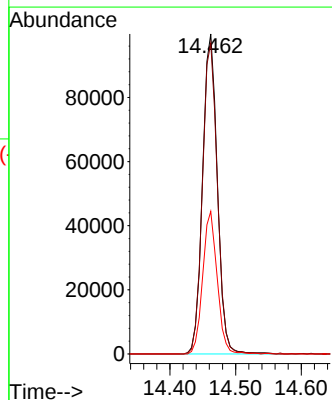
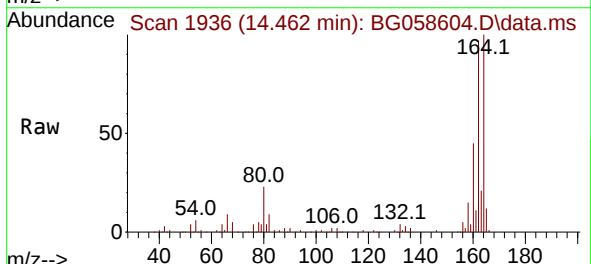
Instrument :
BNA_G
ClientSampleId :
COMP-1

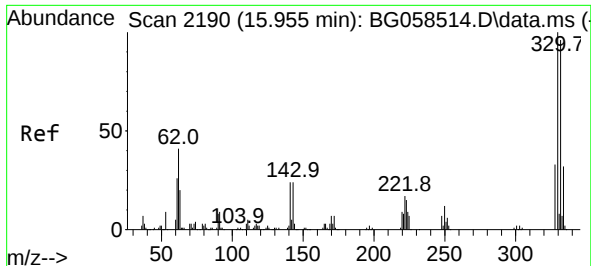
Tgt Ion: 82 Resp: 221725
Ion Ratio Lower Upper
82 100
128 40.1 32.2 48.2
54 57.3 46.0 69.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.462 min Scan# 1936
Delta R.T. -0.000 min
Lab File: BG058604.D
Acq: 4 Aug 2023 10:03

Tgt Ion:164 Resp: 156275
Ion Ratio Lower Upper
164 100
162 97.2 78.3 117.5
160 44.5 34.1 51.1





#42

2,4,6-Tribromophenol

Concen: 63.242 ng

RT: 15.949 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG058604.D

Acq: 4 Aug 2023 10:03

Instrument :

BNA_G

ClientSampleId :

COMP-1

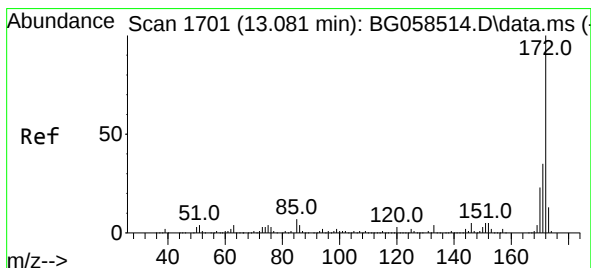
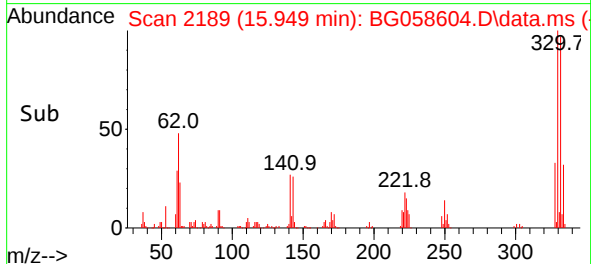
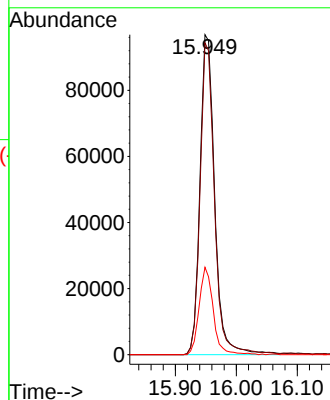
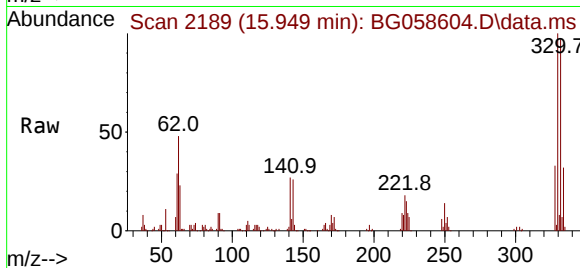
Tgt Ion:330 Resp: 161991

Ion Ratio Lower Upper

330 100

332 95.5 77.5 116.3

141 26.3 20.7 31.1



#45

2-Fluorobiphenyl

Concen: 49.025 ng

RT: 13.081 min Scan# 1701

Delta R.T. -0.000 min

Lab File: BG058604.D

Acq: 4 Aug 2023 10:03

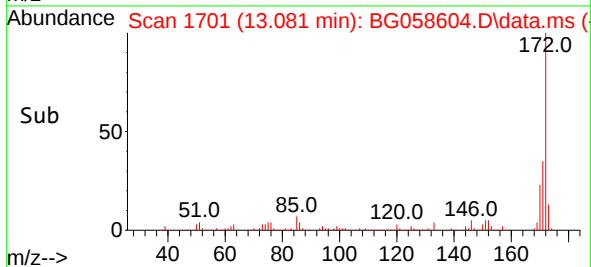
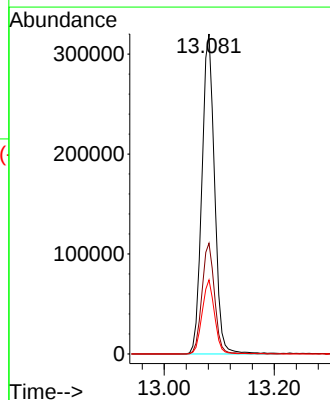
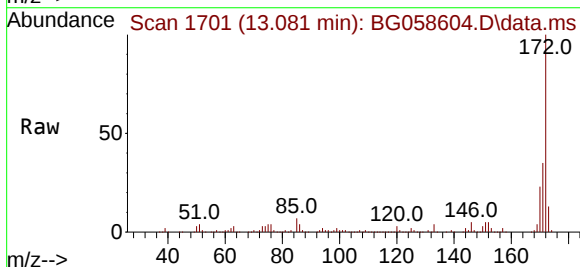
Tgt Ion:172 Resp: 511240

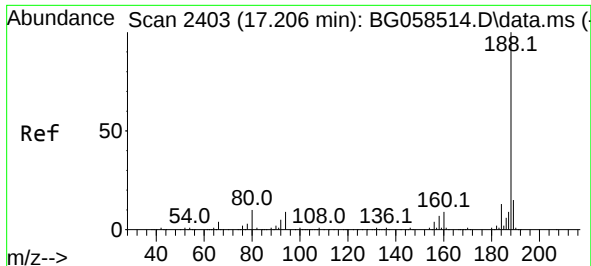
Ion Ratio Lower Upper

172 100

171 34.6 28.0 42.0

170 23.1 18.4 27.6

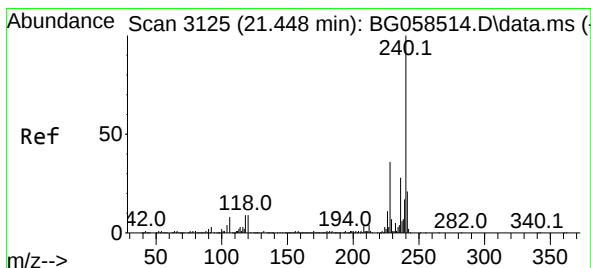
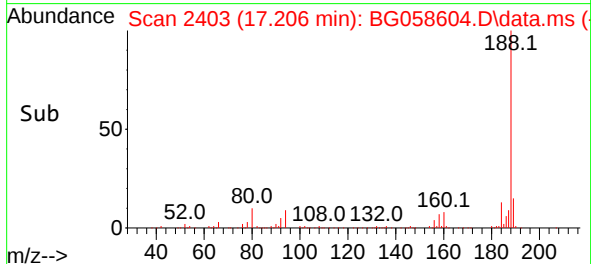
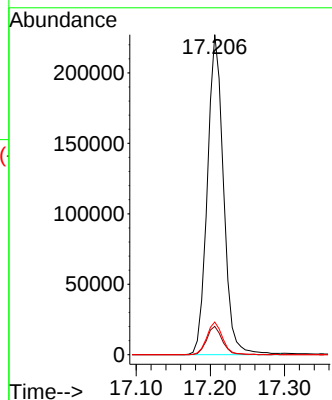
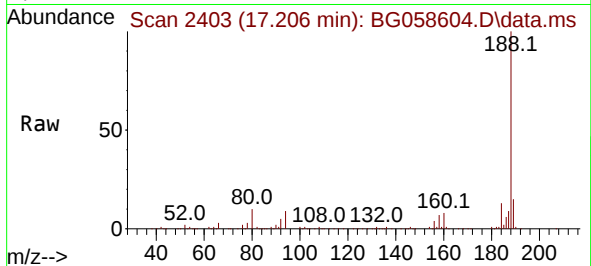




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.206 min Scan# 2403
Delta R.T. -0.000 min
Lab File: BG058604.D
Acq: 4 Aug 2023 10:03

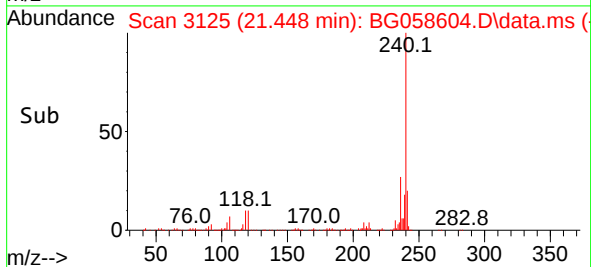
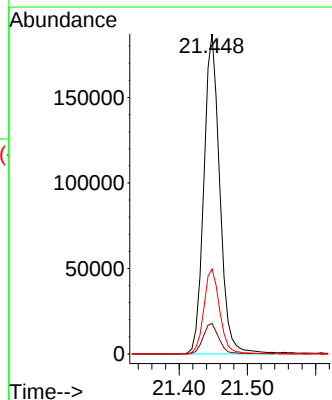
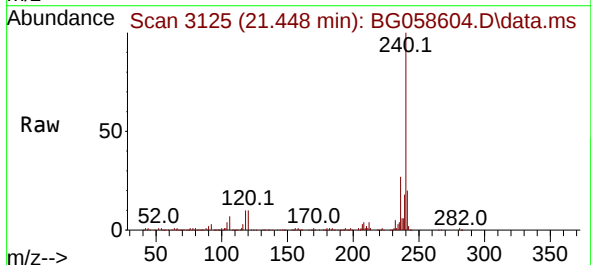
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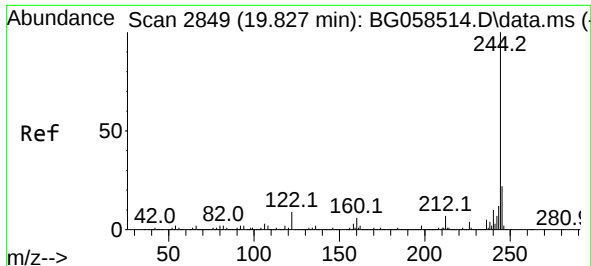
Tgt Ion:188 Resp: 343527
Ion Ratio Lower Upper
188 100
94 8.9 7.0 10.6
80 10.2 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.448 min Scan# 3125
Delta R.T. -0.000 min
Lab File: BG058604.D
Acq: 4 Aug 2023 10:03

Tgt Ion:240 Resp: 303783
Ion Ratio Lower Upper
240 100
120 9.5 7.4 11.0
236 26.6 22.2 33.4

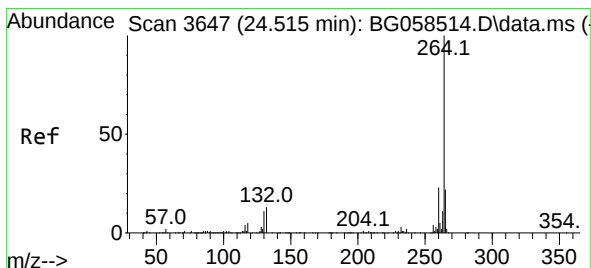
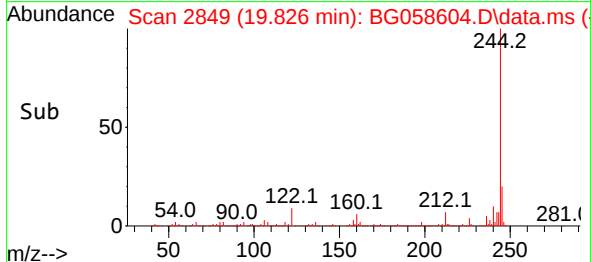
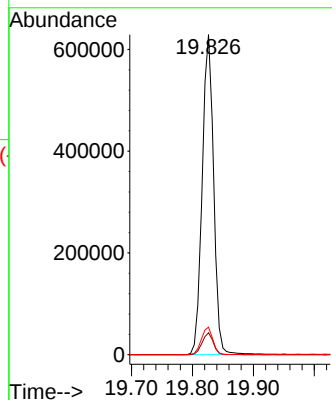
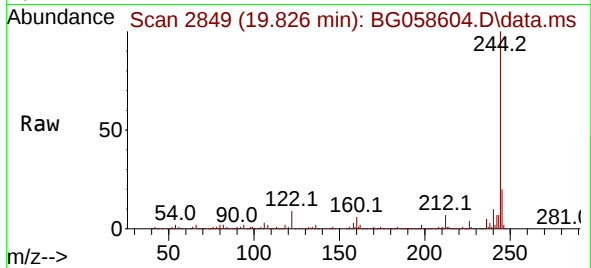




#79
 Terphenyl-d14
 Concen: 50.887 ng
 RT: 19.826 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BG058604.D
 Acq: 4 Aug 2023 10:03

Instrument :
 BNA_G
 ClientSampleId :
 COMP-1

Tgt Ion:244 Resp: 822039
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.9 8.9
 122 8.6 6.8 10.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.521 min Scan# 3648
 Delta R.T. 0.006 min
 Lab File: BG058604.D
 Acq: 4 Aug 2023 10:03

Tgt Ion:264 Resp: 373565
 Ion Ratio Lower Upper
 264 100
 260 22.0 18.4 27.6
 265 21.8 17.9 26.9

