

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090222\
 Data File : BG054841.D
 Acq On : 2 Sep 2022 15:30
 Operator : CG/JU
 Sample : N4453-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SASP2-T-5-(5-10)

Quant Time: Sep 03 00:27:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 17:50:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.147	152	32743	20.000	ng	0.00
21) Naphthalene-d8	10.973	136	135227	20.000	ng	# 0.00
39) Acenaphthene-d10	14.780	164	98538	20.000	ng	0.00
64) Phenanthrene-d10	17.530	188	239976	20.000	ng	0.00
76) Chrysene-d12	21.819	240	232710	20.000	ng	0.00
86) Perylene-d12	25.192	264	244562	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.685	112	198671	105.659	ng	0.00
7) Phenol-d6	7.295	99	275963	107.317	ng	0.00
23) Nitrobenzene-d5	9.322	82	166014	64.448	ng	0.00
42) 2,4,6-Tribromophenol	16.267	330	135658	110.175	ng	0.00
45) 2-Fluorobiphenyl	13.406	172	438943	66.953	ng	0.00
79) Terphenyl-d14	20.127	244	858071	73.060	ng	0.00

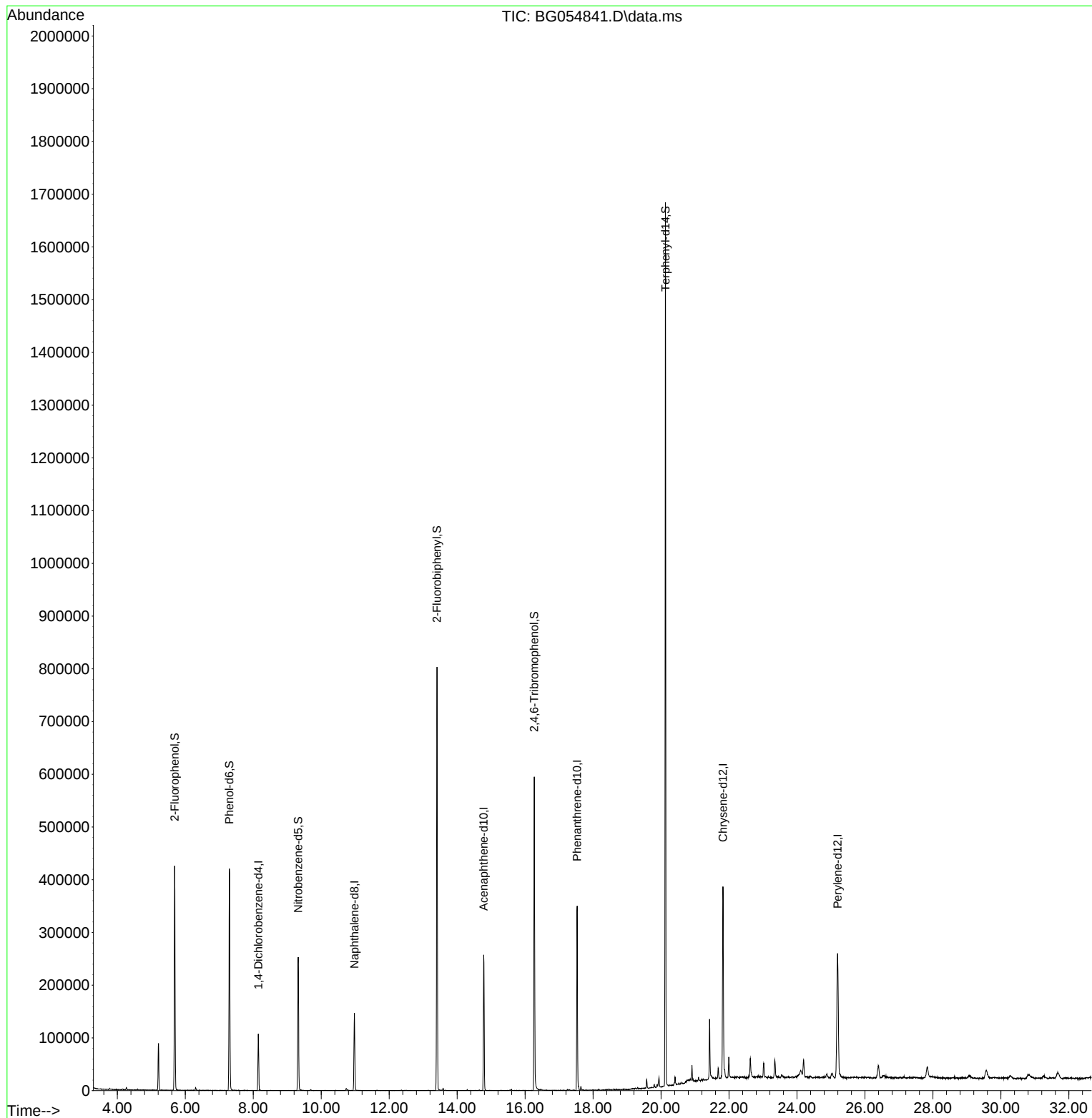
Target Compounds	Qvalue

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

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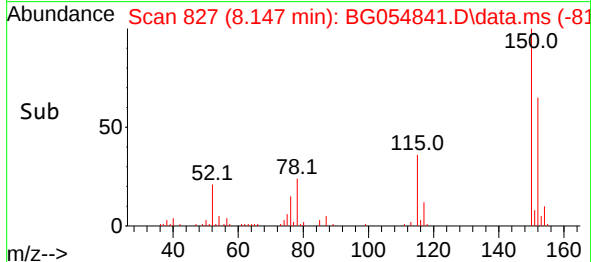
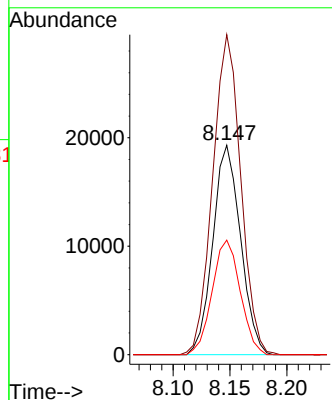
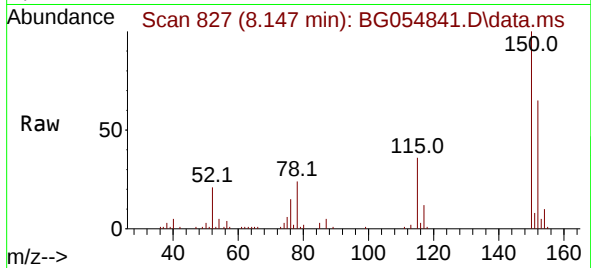




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.147 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG054841.D
Acq: 2 Sep 2022 15:30

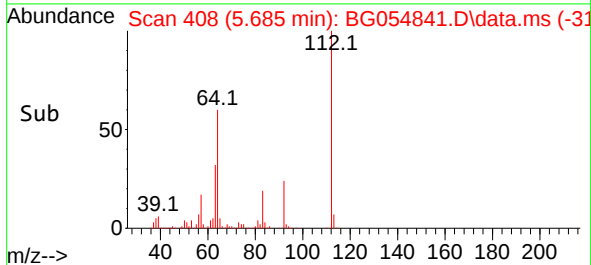
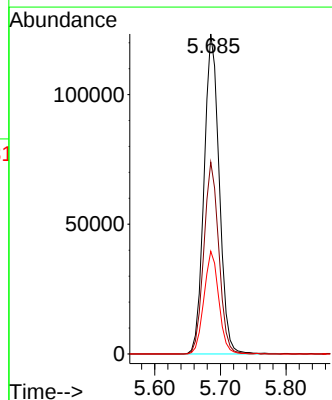
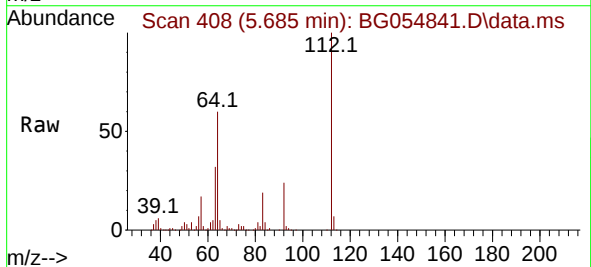
Instrument :
BNA_G
ClientSampleId :
SASP2-T-5-(5-10)

Tgt Ion:152 Resp: 32743
Ion Ratio Lower Upper
152 100
150 152.8 125.2 187.8
115 54.7 47.9 71.9



#5
2-Fluorophenol
Concen: 105.659 ng
RT: 5.685 min Scan# 408
Delta R.T. -0.001 min
Lab File: BG054841.D
Acq: 2 Sep 2022 15:30

Tgt Ion:112 Resp: 198671
Ion Ratio Lower Upper
112 100
64 59.9 49.3 73.9
63 32.1 26.3 39.5

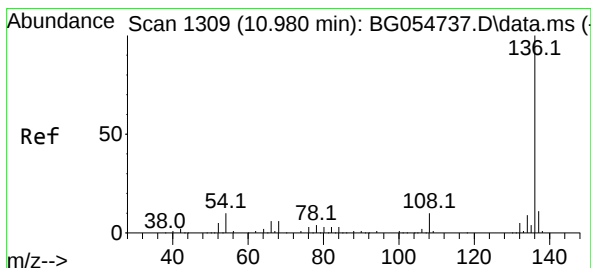
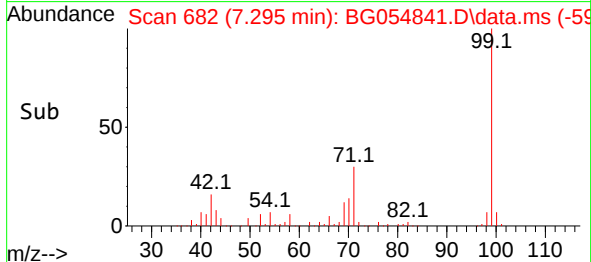
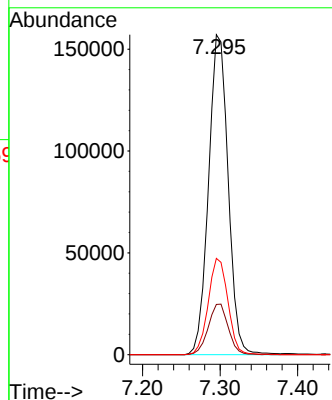
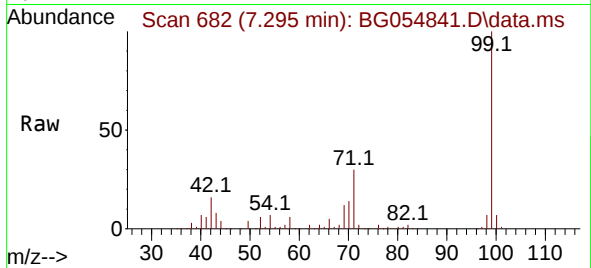




#7
Phenol-d6
Concen: 107.317 ng
RT: 7.295 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG054841.D
Acq: 2 Sep 2022 15:30

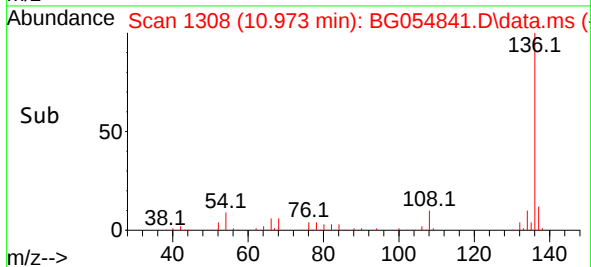
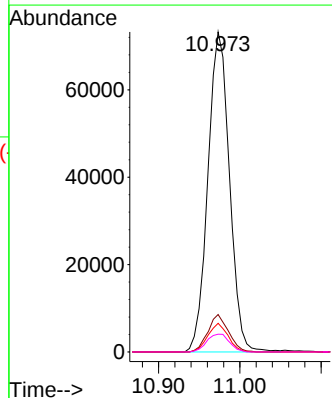
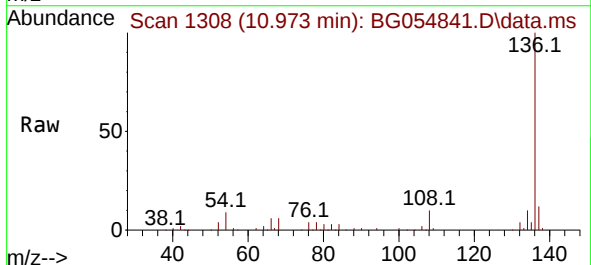
Instrument :
BNA_G
ClientSampleId :
SASP2-T-5-(5-10)

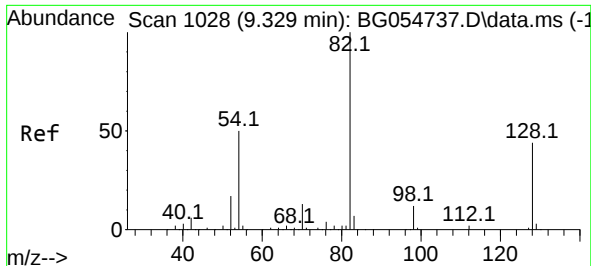
Tgt Ion: 99 Resp: 275963
Ion Ratio Lower Upper
99 100
42 15.7 14.6 22.0
71 30.1 24.6 37.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.973 min Scan# 1308
Delta R.T. -0.007 min
Lab File: BG054841.D
Acq: 2 Sep 2022 15:30

Tgt Ion: 136 Resp: 135227
Ion Ratio Lower Upper
136 100
137 11.7 9.2 13.8
54 9.0 7.7 11.5
68 5.6 5.6 8.4





#23

Nitrobenzene-d5

Concen: 64.448 ng

RT: 9.322 min Scan# 1027

Delta R.T. -0.006 min

Lab File: BG054841.D

Acq: 2 Sep 2022 15:30

Instrument :

BNA_G

ClientSampleId :

SASP2-T-5-(5-10)

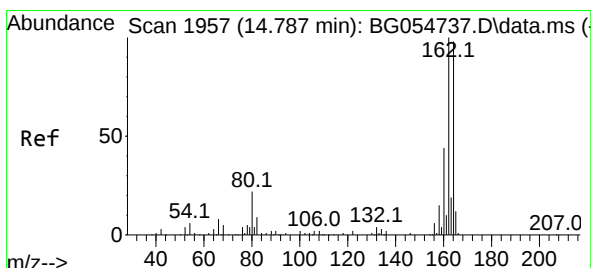
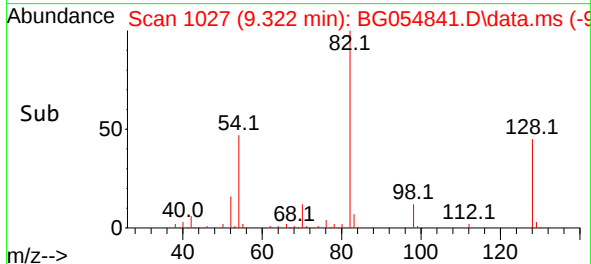
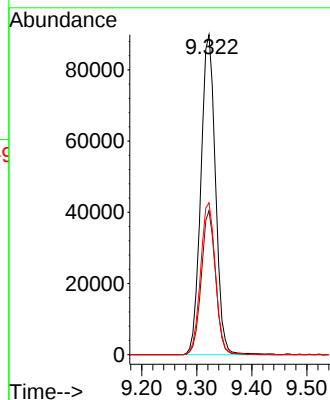
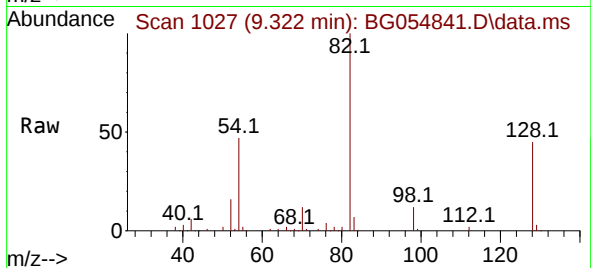
Tgt Ion: 82 Resp: 166014

Ion Ratio Lower Upper

82 100

128 45.0 32.2 48.2

54 47.5 41.4 62.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.780 min Scan# 1956

Delta R.T. -0.007 min

Lab File: BG054841.D

Acq: 2 Sep 2022 15:30

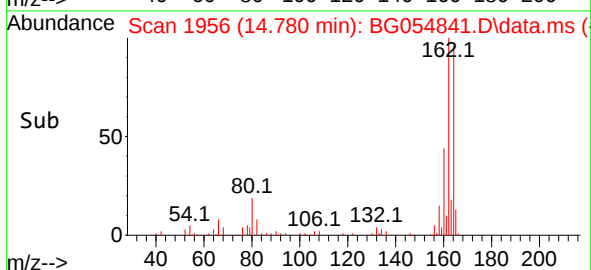
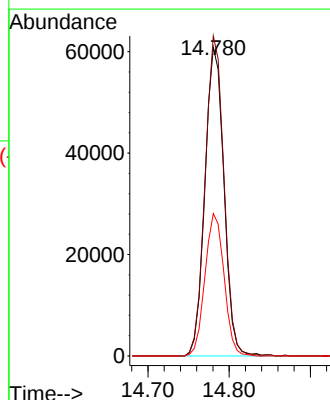
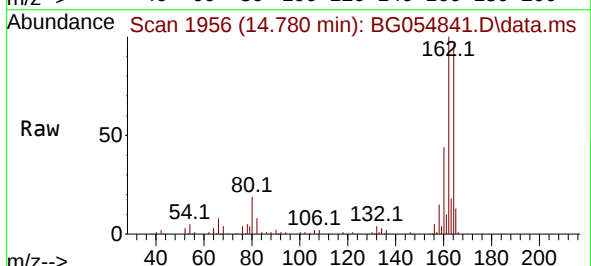
Tgt Ion:164 Resp: 98538

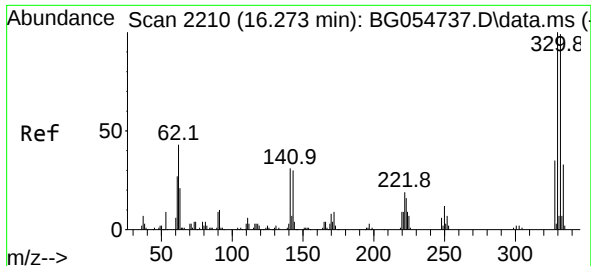
Ion Ratio Lower Upper

164 100

162 103.7 83.0 124.4

160 46.1 38.0 57.0

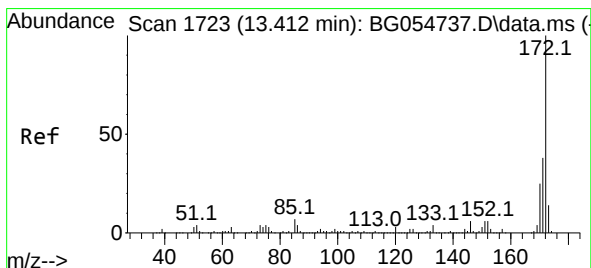
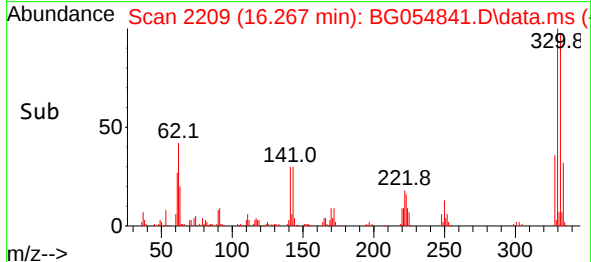
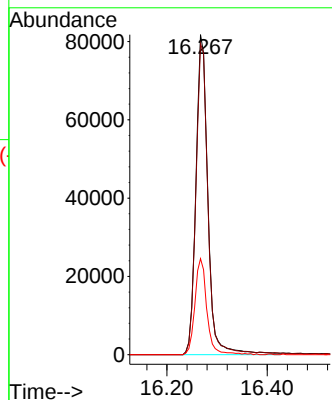
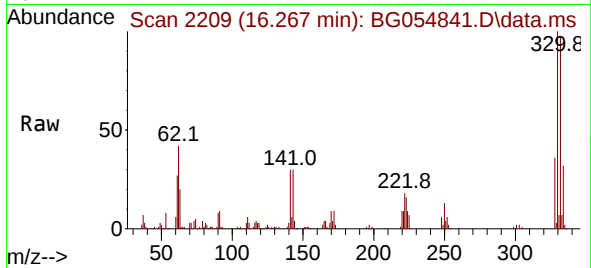




#42
2,4,6-Tribromophenol
Concen: 110.175 ng
RT: 16.267 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG054841.D
Acq: 2 Sep 2022 15:30

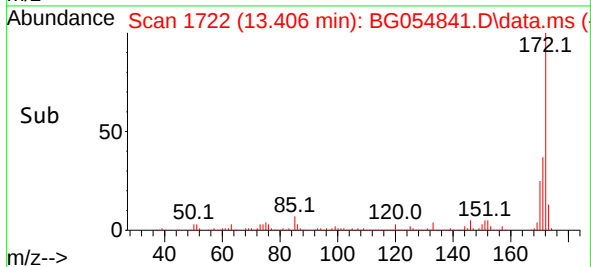
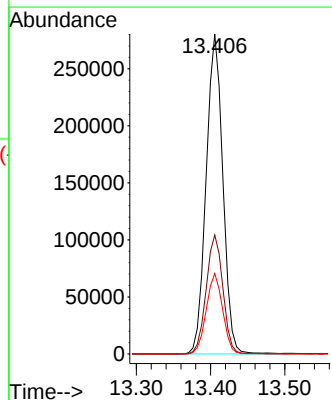
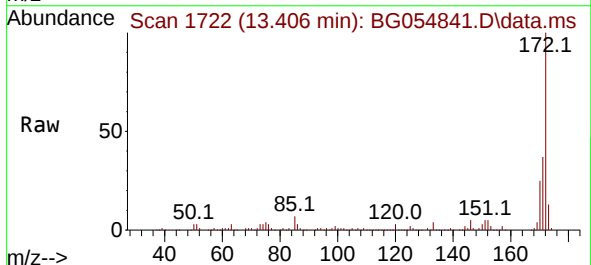
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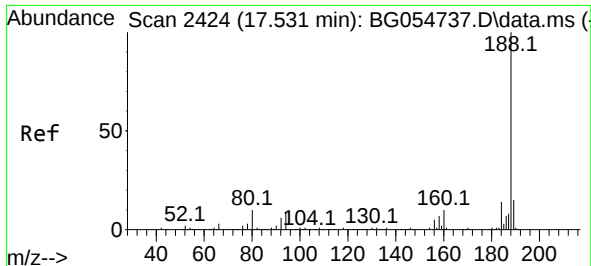
Tgt Ion:330 Resp: 135658
Ion Ratio Lower Upper
330 100
332 96.9 79.8 119.6
141 29.9 26.8 40.2



#45
2-Fluorobiphenyl
Concen: 66.953 ng
RT: 13.406 min Scan# 1722
Delta R.T. -0.006 min
Lab File: BG054841.D
Acq: 2 Sep 2022 15:30

Tgt Ion:172 Resp: 438943
Ion Ratio Lower Upper
172 100
171 37.2 31.2 46.8
170 25.1 20.6 30.8

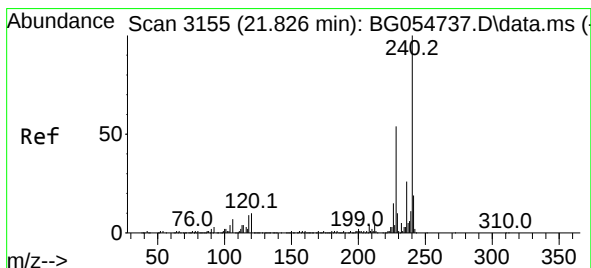
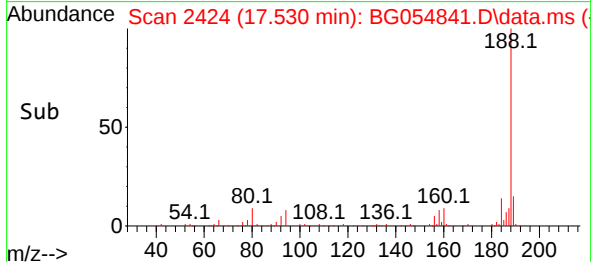
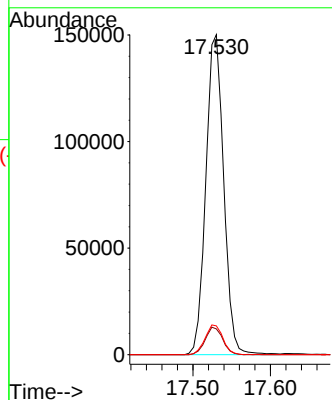
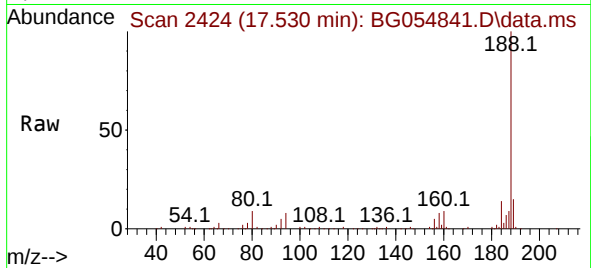




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.530 min Scan# 2424
Delta R.T. -0.001 min
Lab File: BG054841.D
Acq: 2 Sep 2022 15:30

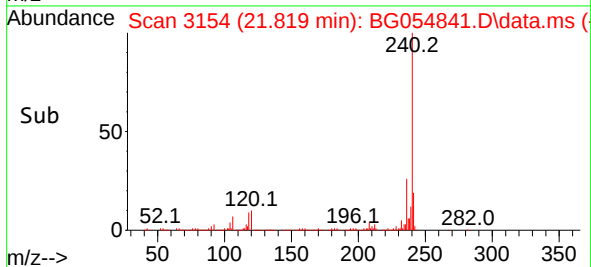
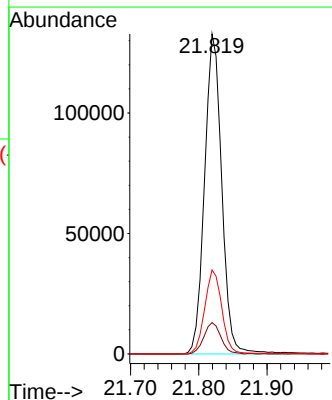
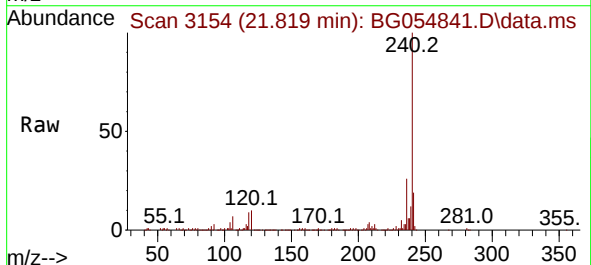
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BNA_G
ClientSampleId :
SASP2-T-5-(5-10)

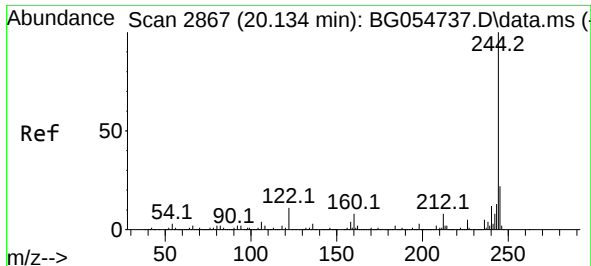
Tgt Ion:188 Resp: 239976
Ion Ratio Lower Upper
188 100
94 8.0 7.0 10.4
80 9.0 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.819 min Scan# 3154
Delta R.T. -0.006 min
Lab File: BG054841.D
Acq: 2 Sep 2022 15:30

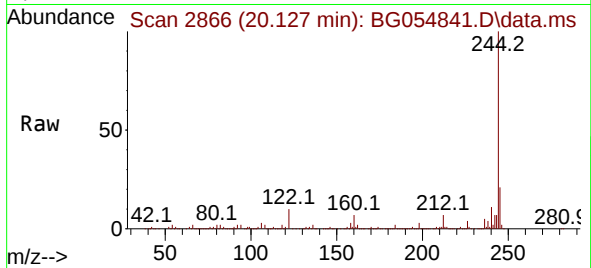
Tgt Ion:240 Resp: 232710
Ion Ratio Lower Upper
240 100
120 9.8 8.2 12.4
236 26.2 21.2 31.8



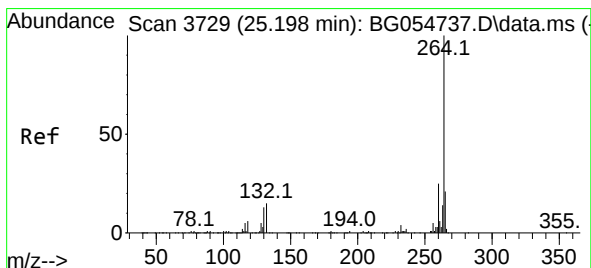
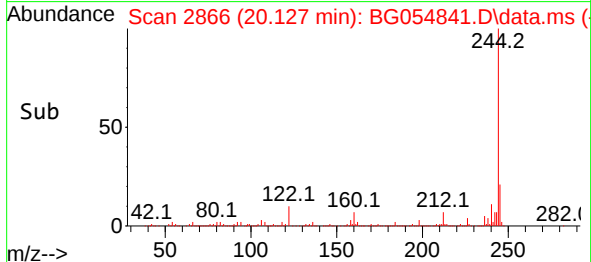
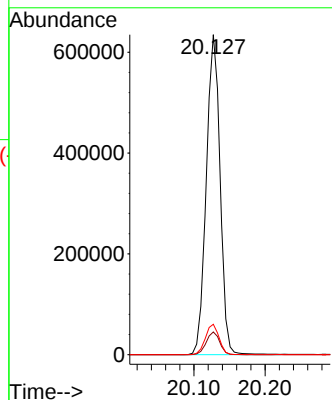


#79
 Terphenyl-d14
 Concen: 73.060 ng
 RT: 20.127 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG054841.D
 Acq: 2 Sep 2022 15:30

Instrument :
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Tgt Ion:244 Resp: 858071
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.2 9.2
 122 9.5 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.192 min Scan# 3728
 Delta R.T. -0.006 min
 Lab File: BG054841.D
 Acq: 2 Sep 2022 15:30

Tgt Ion:264 Resp: 244562
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.9 29.9
 265 21.1 16.9 25.3

