

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040924\
 Data File : BG060841.D
 Acq On : 9 Apr 2024 12:18
 Operator : MA/JU
 Sample : P2008-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-303-20240404

Quant Time: Apr 09 12:49:39 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 30 03:12:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	62286	20.000	ng	-0.01
21) Naphthalene-d8	10.743	136	234806	20.000	ng	-0.02
39) Acenaphthene-d10	14.574	164	175332	20.000	ng	-0.02
64) Phenanthrene-d10	17.323	188	405209	20.000	ng	-0.02
76) Chrysene-d12	21.583	240	384710	20.000	ng	-0.02
86) Perylene-d12	24.715	264	454376	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.537	112	218503	58.440	ng	0.00
7) Phenol-d6	7.106	99	185144	33.359	ng	0.00
23) Nitrobenzene-d5	9.104	82	334815	81.365	ng	0.00
42) 2,4,6-Tribromophenol	16.066	330	282093	141.734	ng	0.00
45) 2-Fluorobiphenyl	13.205	172	814083	68.143	ng	-0.02
79) Terphenyl-d14	19.950	244	1804635	82.599	ng	-0.02

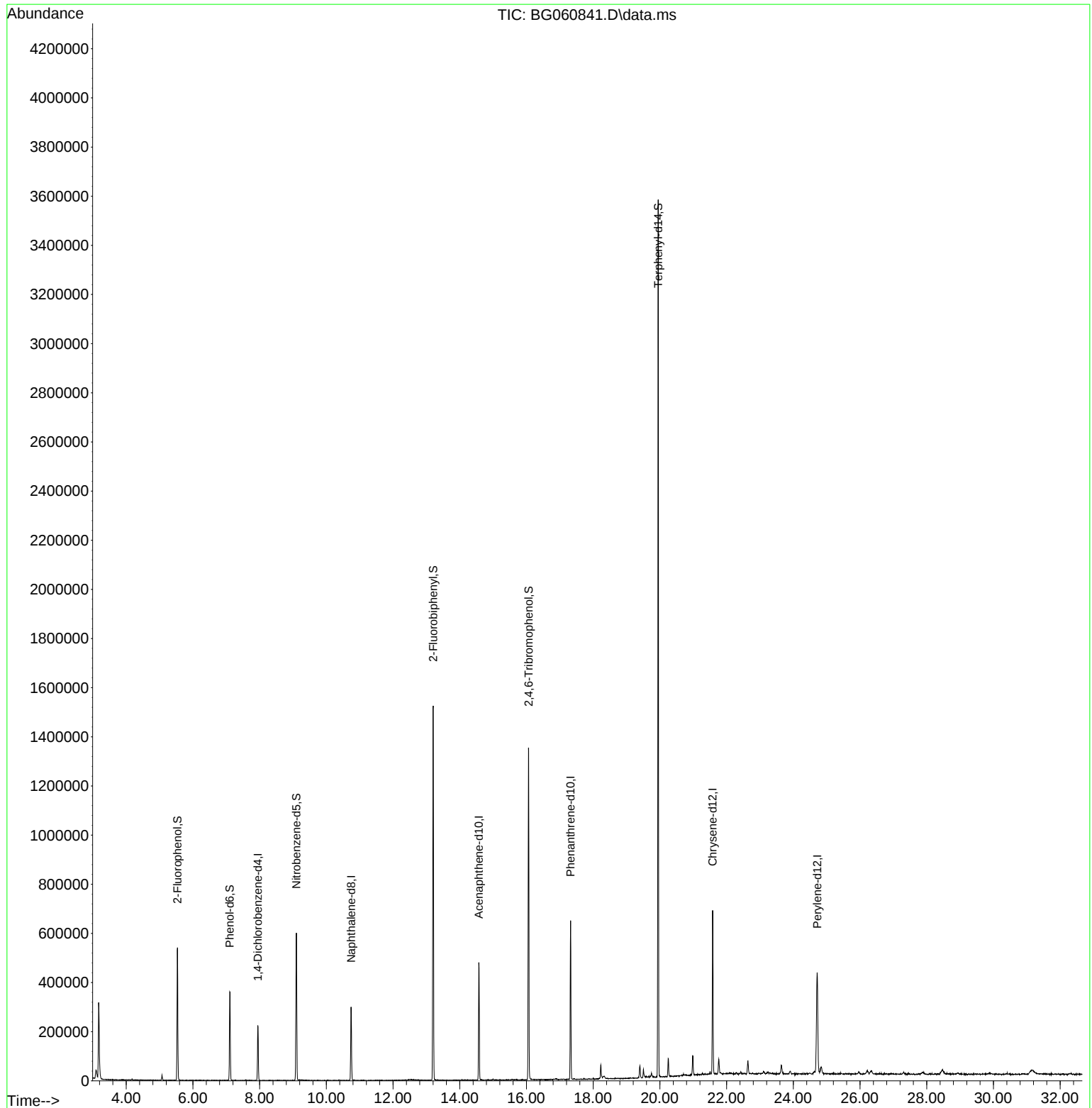
Target Compounds	Qvalue

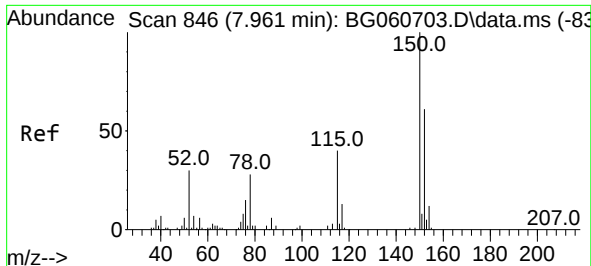
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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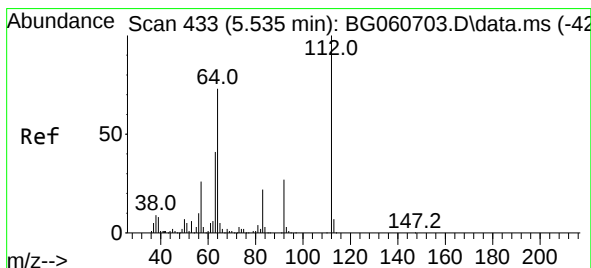
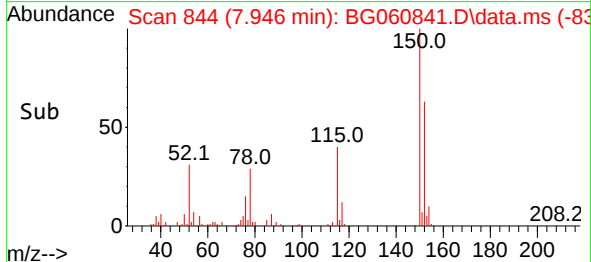
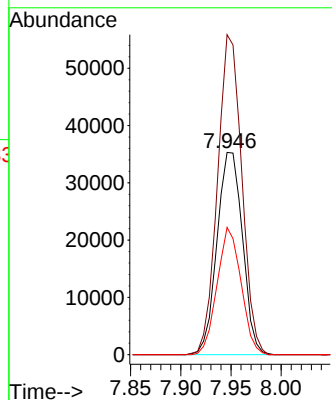
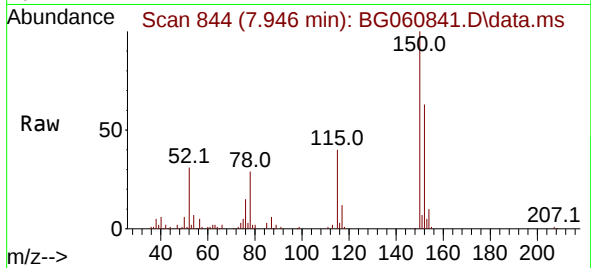




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.946 min Scan# 846
Delta R.T. -0.015 min
Lab File: BG060841.D
Acq: 9 Apr 2024 12:18

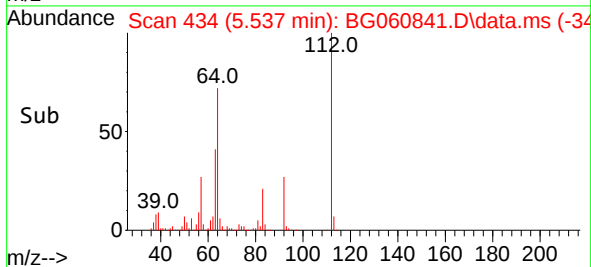
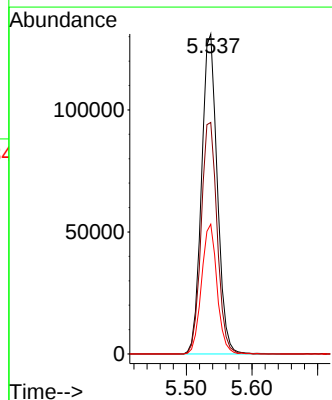
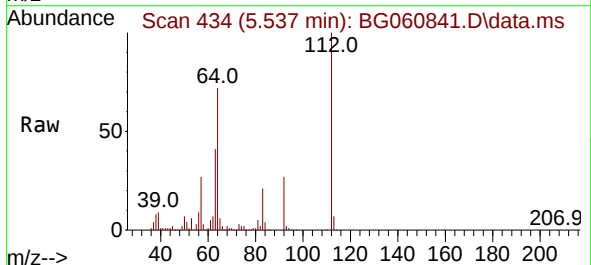
Instrument :
BNA_G
ClientSampleId :
SP-303-20240404

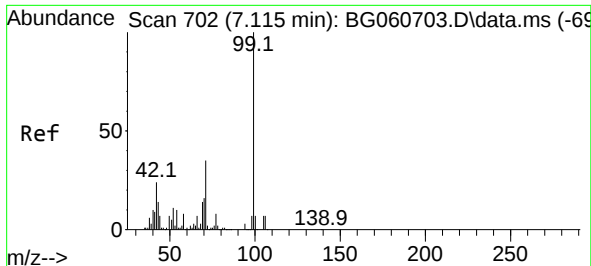
Tgt Ion:152 Resp: 62286
Ion Ratio Lower Upper
152 100
150 158.3 130.2 195.4
115 62.9 51.6 77.4



#5
2-Fluorophenol
Concen: 58.440 ng
RT: 5.537 min Scan# 434
Delta R.T. 0.002 min
Lab File: BG060841.D
Acq: 9 Apr 2024 12:18

Tgt Ion:112 Resp: 218503
Ion Ratio Lower Upper
112 100
64 72.3 58.4 87.6
63 40.6 32.7 49.1

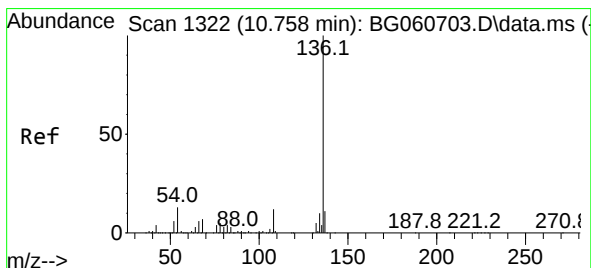
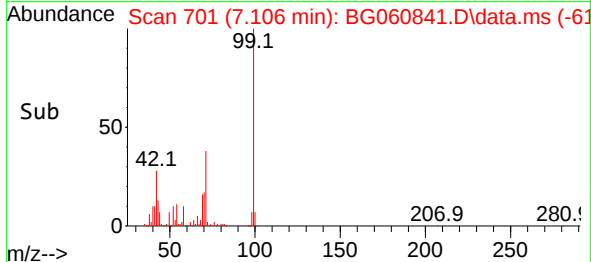
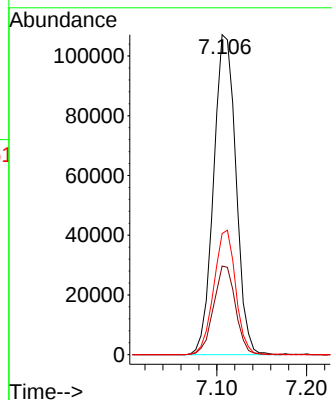
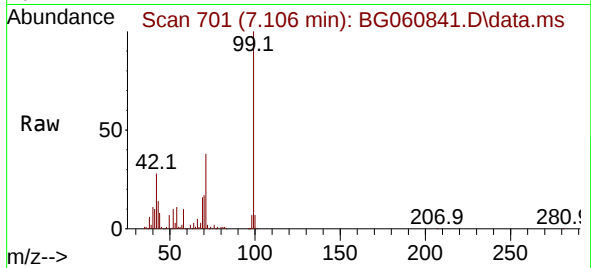




#7
Phenol-d6
Concen: 33.359 ng
RT: 7.106 min Scan# 702
Delta R.T. -0.009 min
Lab File: BG060841.D
Acq: 9 Apr 2024 12:18

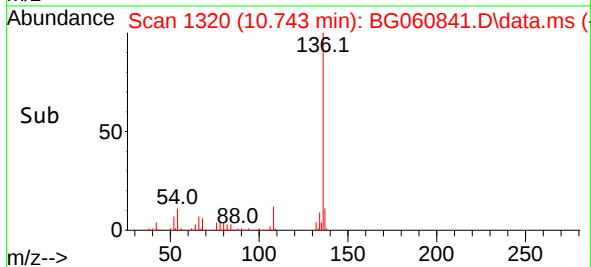
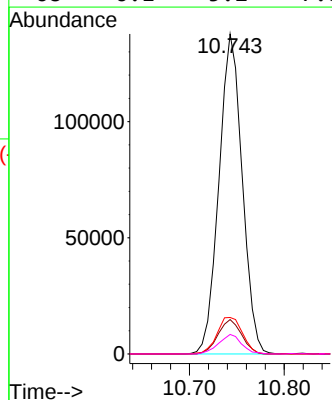
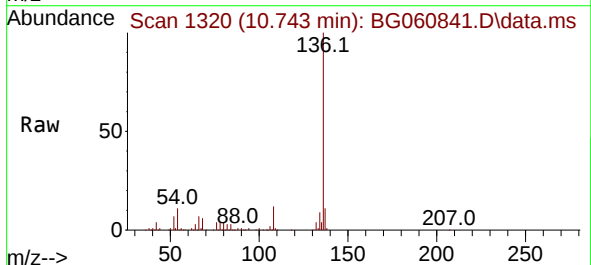
Instrument :
BNA_G
ClientSampleId :
SP-303-20240404

Tgt Ion: 99 Resp: 185144
Ion Ratio Lower Upper
99 100
42 27.7 19.4 29.2
71 37.9 28.2 42.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.743 min Scan# 1320
Delta R.T. -0.015 min
Lab File: BG060841.D
Acq: 9 Apr 2024 12:18

Tgt Ion: 136 Resp: 234806
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 11.4 10.2 15.2
68 6.1 5.2 7.8

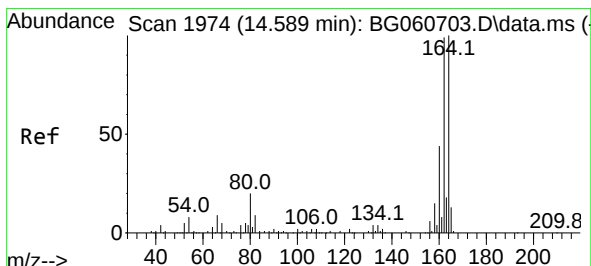
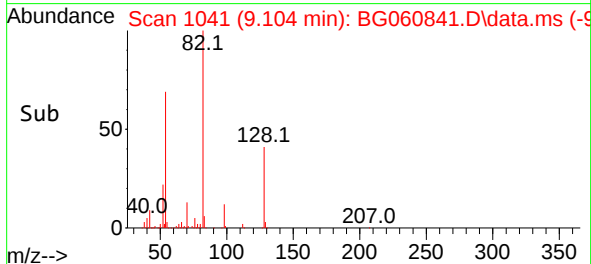
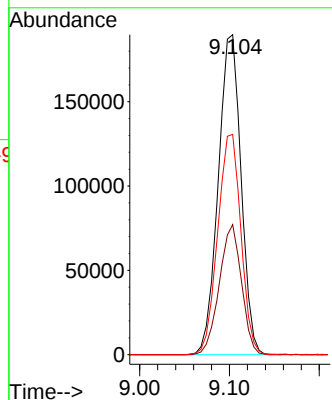
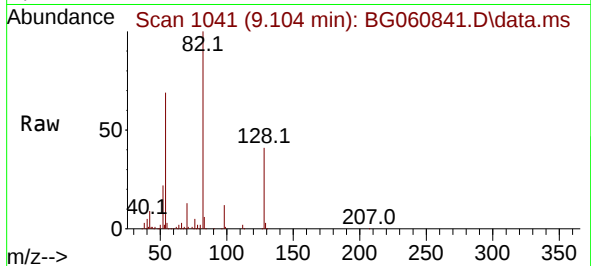




#23
Nitrobenzene-d5
Concen: 81.365 ng
RT: 9.104 min Scan# 1042
Delta R.T. -0.009 min
Lab File: BG060841.D
Acq: 9 Apr 2024 12:18

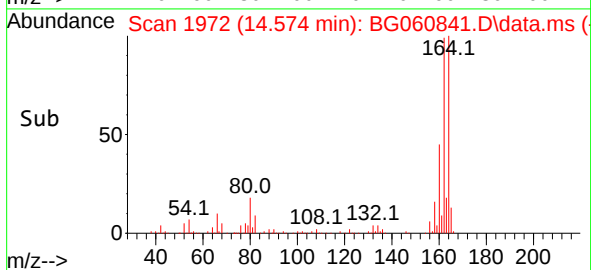
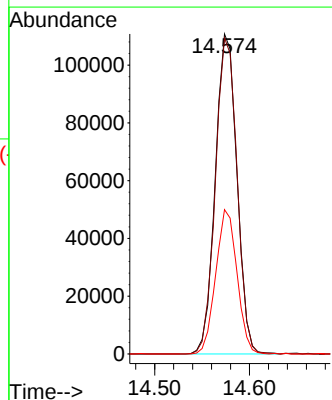
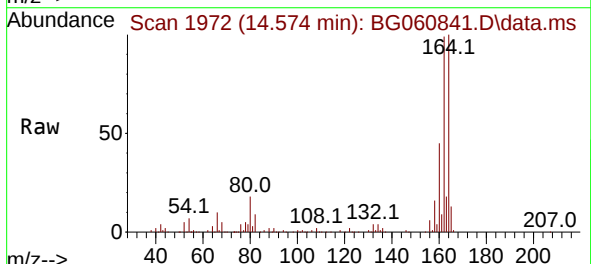
Instrument :
BNA_G
ClientSampleId :
SP-303-20240404

Tgt Ion: 82 Resp: 334815
Ion Ratio Lower Upper
82 100
128 40.7 31.2 46.8
54 68.9 53.2 79.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.574 min Scan# 1972
Delta R.T. -0.015 min
Lab File: BG060841.D
Acq: 9 Apr 2024 12:18

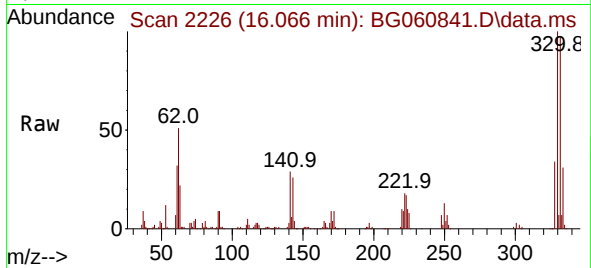
Tgt Ion: 164 Resp: 175332
Ion Ratio Lower Upper
164 100
162 98.8 79.5 119.3
160 45.1 35.4 53.0



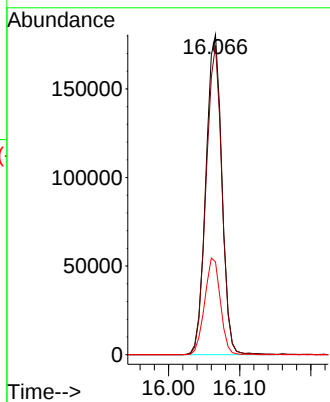
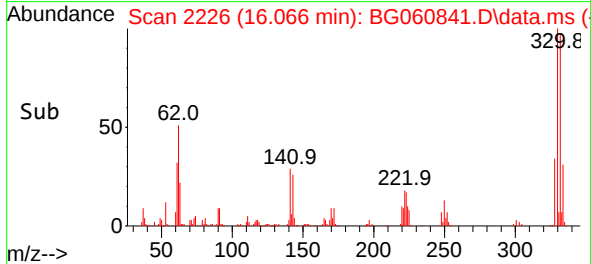


#42
2,4,6-Tribromophenol
Concen: 141.734 ng
RT: 16.066 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG060841.D
Acq: 9 Apr 2024 12:18

Instrument :
BNA_G
ClientSampleId :
SP-303-20240404

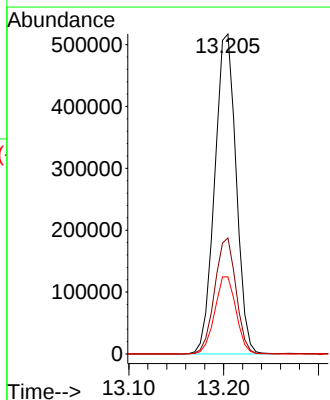
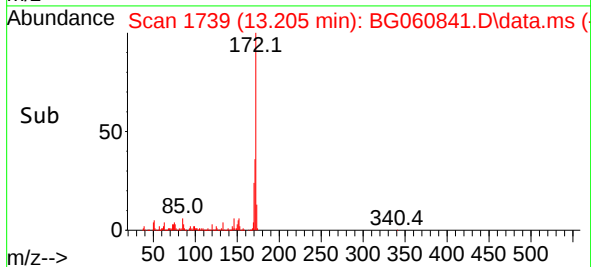
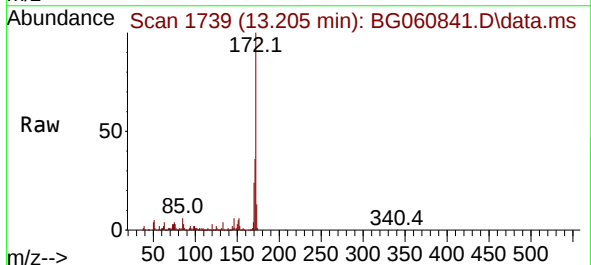


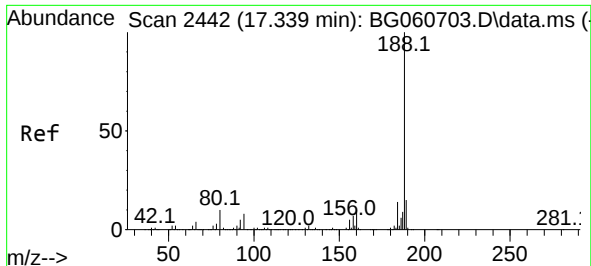
Tgt Ion:330 Resp: 282093
Ion Ratio Lower Upper
330 100
332 95.4 78.2 117.4
141 29.8 27.0 40.6



#45
2-Fluorobiphenyl
Concen: 68.143 ng
RT: 13.205 min Scan# 1739
Delta R.T. -0.015 min
Lab File: BG060841.D
Acq: 9 Apr 2024 12:18

Tgt Ion:172 Resp: 814083
Ion Ratio Lower Upper
172 100
171 36.3 28.7 43.1
170 24.1 19.4 29.0

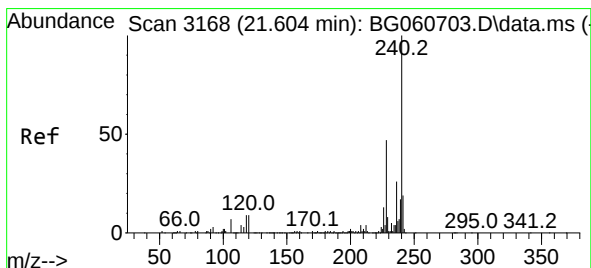
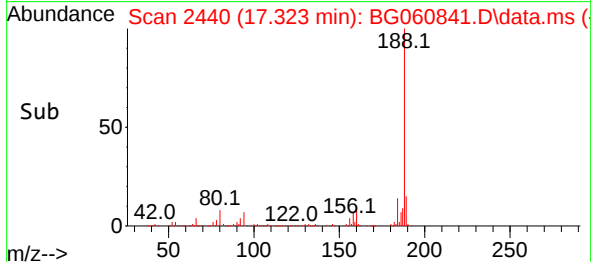
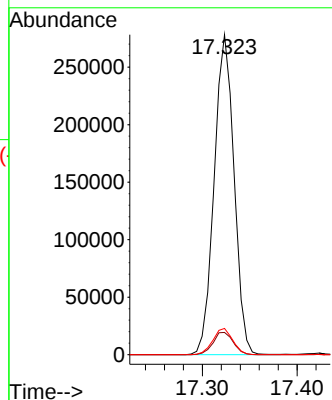
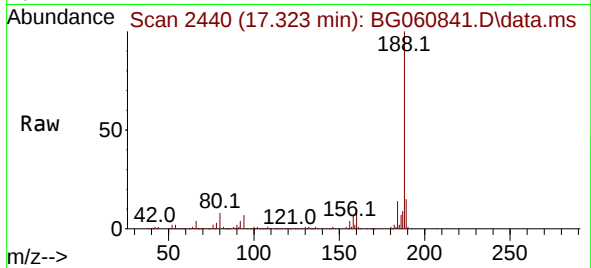




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.323 min Scan# 2442
Delta R.T. -0.015 min
Lab File: BG060841.D
Acq: 9 Apr 2024 12:18

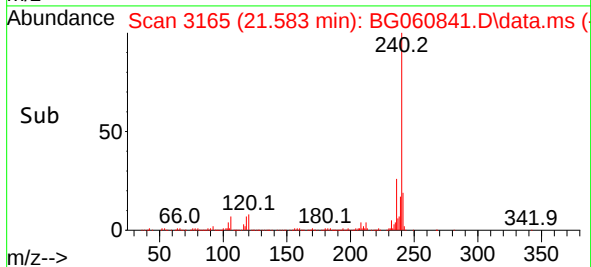
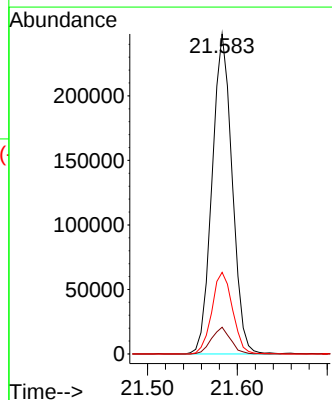
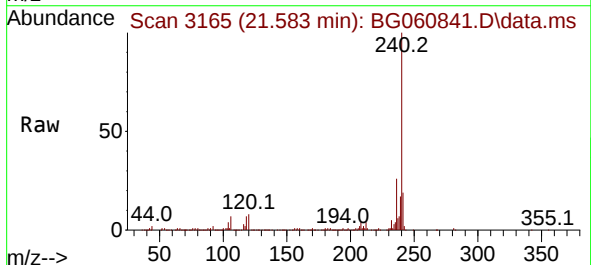
Instrument :
BNA_G
ClientSampleId :
SP-303-20240404

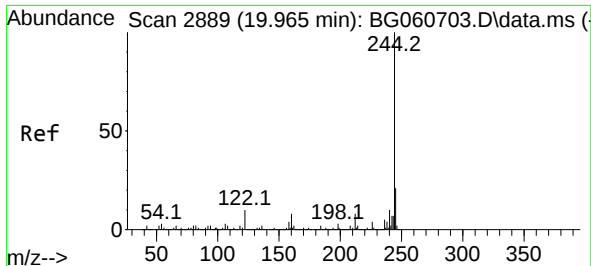
Tgt Ion:188 Resp: 405209
Ion Ratio Lower Upper
188 100
94 7.0 6.6 9.8
80 8.2 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.583 min Scan# 3165
Delta R.T. -0.021 min
Lab File: BG060841.D
Acq: 9 Apr 2024 12:18

Tgt Ion:240 Resp: 384710
Ion Ratio Lower Upper
240 100
120 8.4 7.1 10.7
236 25.5 20.7 31.1

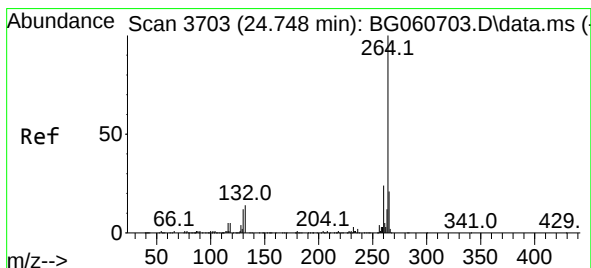
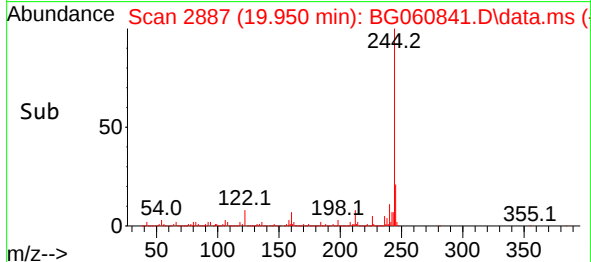
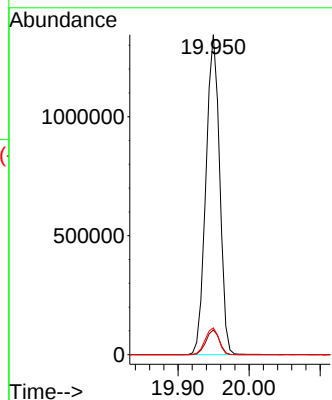
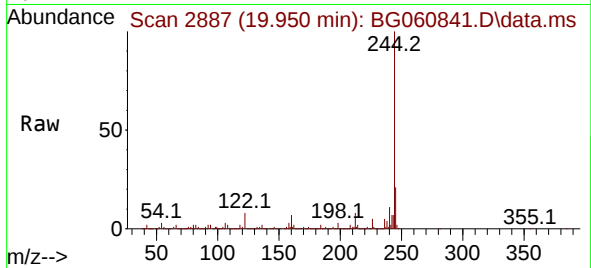




#79
 Terphenyl-d14
 Concen: 82.599 ng
 RT: 19.950 min Scan# 21
 Delta R.T. -0.015 min
 Lab File: BG060841.D
 Acq: 9 Apr 2024 12:18

Instrument :
 BNA_G
 ClientSampleId :
 SP-303-20240404

Tgt Ion:244 Resp: 1804635
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.2
 122 8.4 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.715 min Scan# 3698
 Delta R.T. -0.033 min
 Lab File: BG060841.D
 Acq: 9 Apr 2024 12:18

Tgt Ion:264 Resp: 454376
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.5 29.3
 265 22.4 16.9 25.3

