

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051822\
 Data File : BG053617.D
 Acq On : 19 May 2022 00:00
 Operator : CG/JU
 Sample : N2879-11
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-4-0516

Quant Time: May 19 05:13:40 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 11 06:00:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.082	152	21225	20.000	ng	0.00
21) Naphthalene-d8	10.889	136	88021	20.000	ng	0.00
39) Acenaphthene-d10	14.702	164	66390	20.000	ng	-0.01
64) Phenanthrene-d10	17.451	188	166360	20.000	ng	0.00
76) Chrysene-d12	21.734	240	183728	20.000	ng	0.00
86) Perylene-d12	25.006	264	190208	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.650	112	184827	147.786	ng	0.00
7) Phenol-d6	7.247	99	247936	130.628	ng	0.00
23) Nitrobenzene-d5	9.239	82	209932	101.527	ng	-0.01
42) 2,4,6-Tribromophenol	16.194	330	151442	154.663	ng	0.00
45) 2-Fluorobiphenyl	13.327	172	453105	99.731	ng	0.00
79) Terphenyl-d14	20.054	244	965101	97.833	ng	0.00

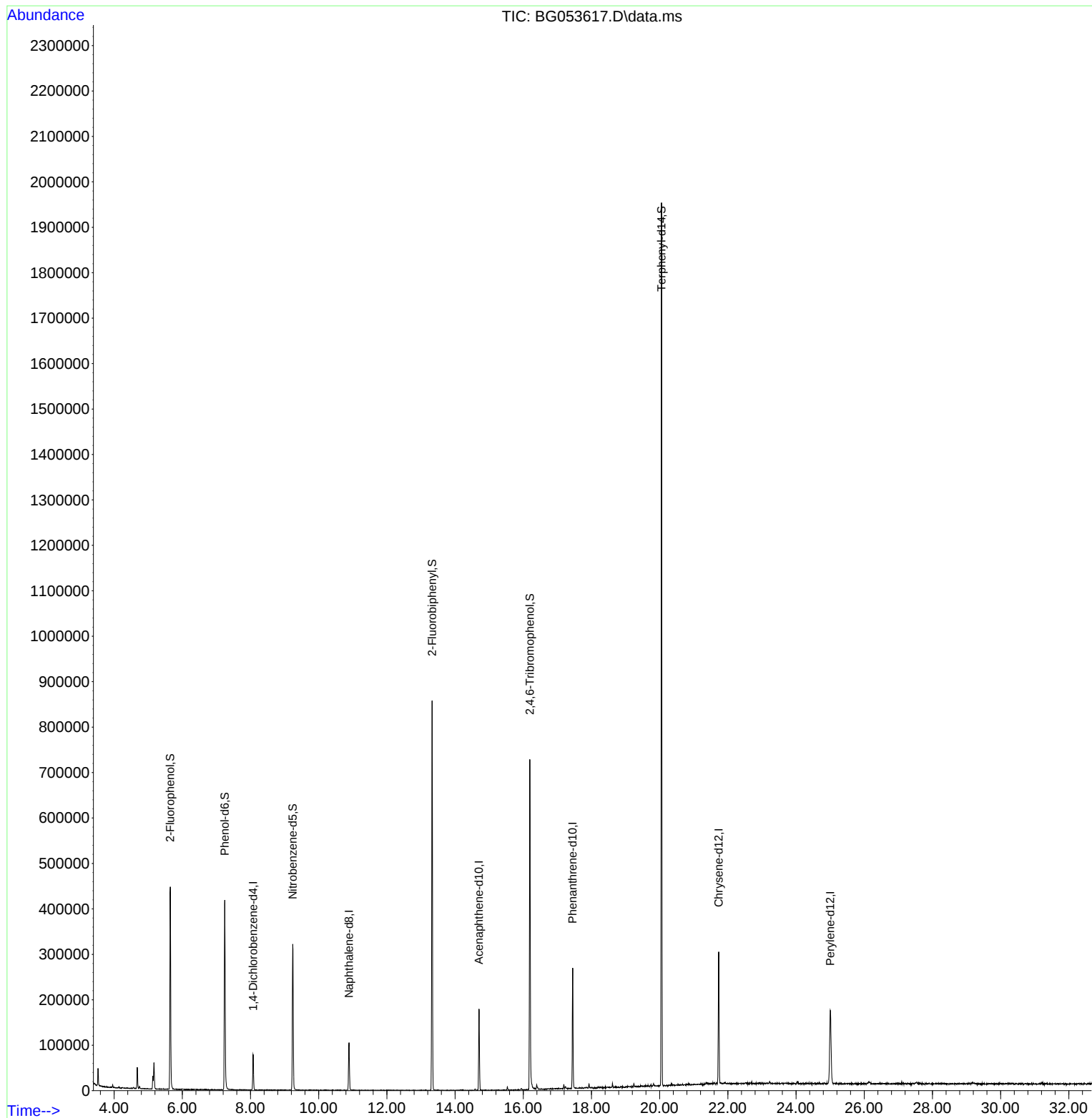
Target Compounds	Qvalue

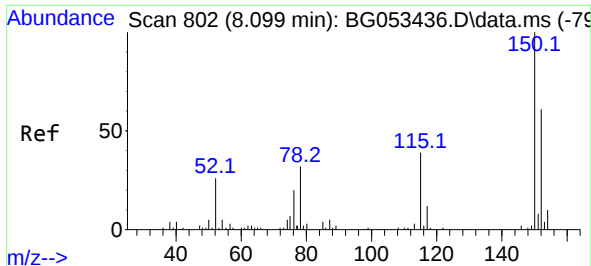
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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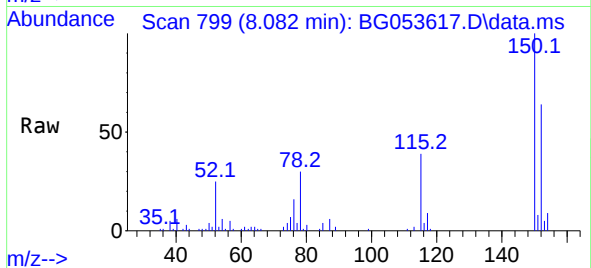
Quant Time: May 19 05:13:40 2022
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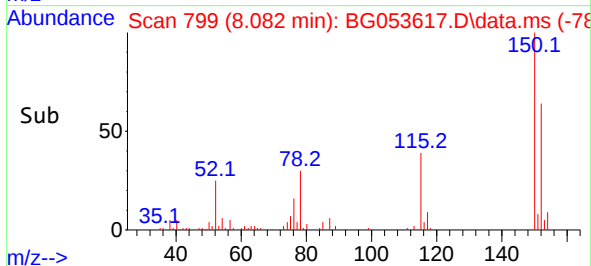
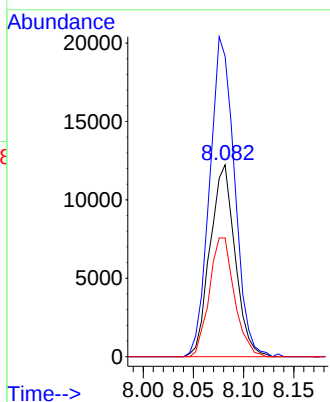


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.082 min Scan# 79
Delta R.T. -0.007 min
Lab File: BG053617.D
Acq: 19 May 2022 00:00

Instrument :
BNA_G
ClientSampleId :
TP-4-0516

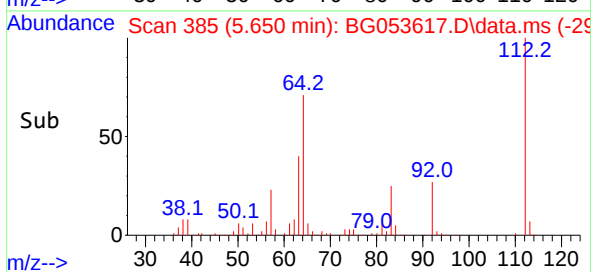
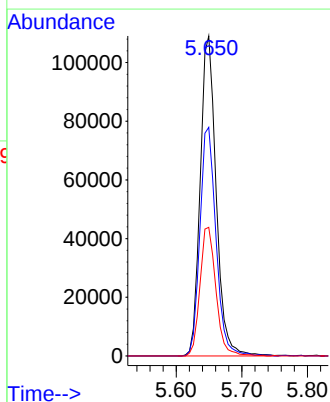
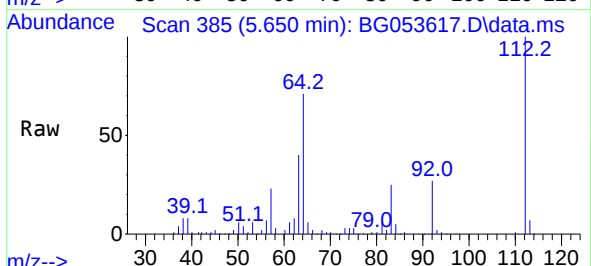


Tgt Ion:152 Resp: 21225
Ion Ratio Lower Upper
152 100
150 156.5 131.6 197.4
115 61.8 50.9 76.3



#5
2-Fluorophenol
Concen: 147.786 ng
RT: 5.650 min Scan# 385
Delta R.T. -0.002 min
Lab File: BG053617.D
Acq: 19 May 2022 00:00

Tgt Ion:112 Resp: 184827
Ion Ratio Lower Upper
112 100
64 71.5 55.1 82.7
63 40.2 30.4 45.6

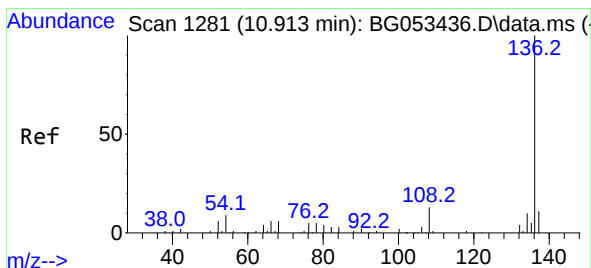
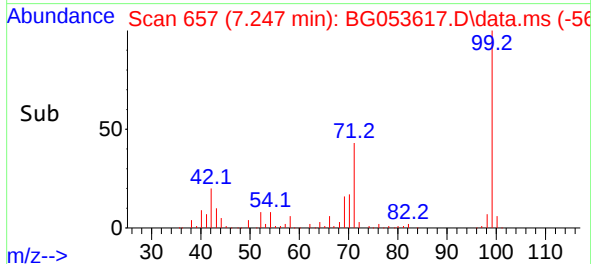
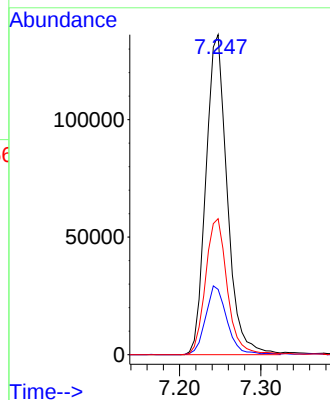
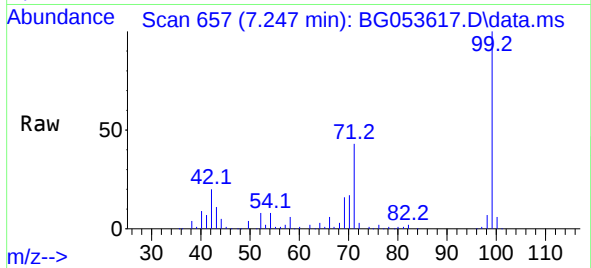




#7
Phenol-d6
Concen: 130.628 ng
RT: 7.247 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG053617.D
Acq: 19 May 2022 00:00

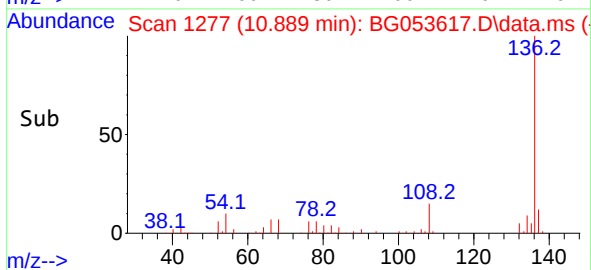
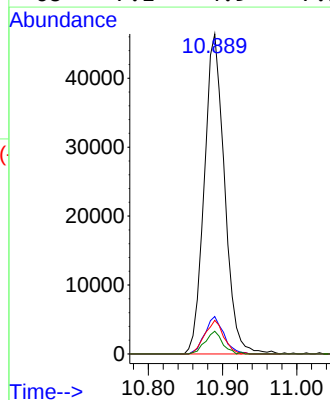
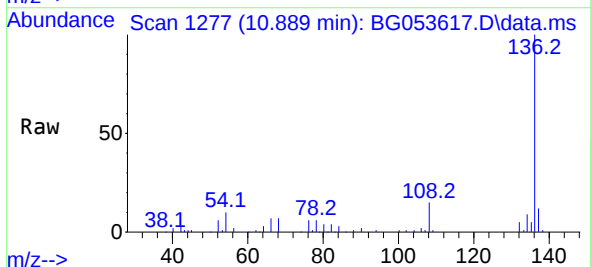
Instrument :
BNA_G
ClientSampleId :
TP-4-0516

Tgt Ion: 99 Resp: 247936
Ion Ratio Lower Upper
99 100
42 20.4 17.0 25.6
71 42.5 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.889 min Scan# 1277
Delta R.T. -0.008 min
Lab File: BG053617.D
Acq: 19 May 2022 00:00

Tgt Ion: 136 Resp: 88021
Ion Ratio Lower Upper
136 100
137 11.7 8.5 12.7
54 10.5 7.4 11.2
68 7.1 4.9 7.3

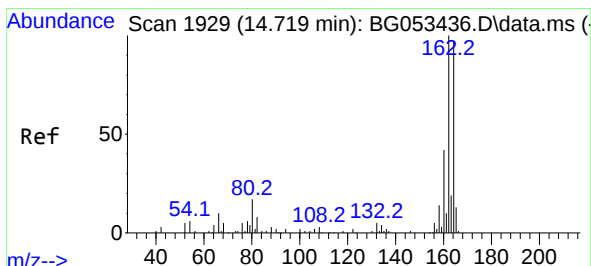
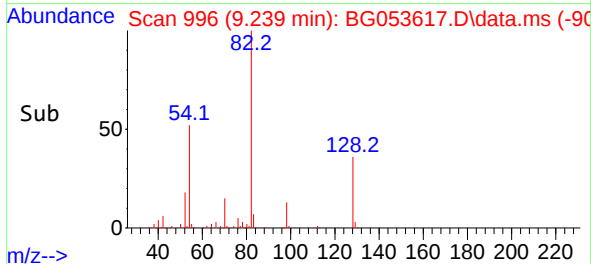
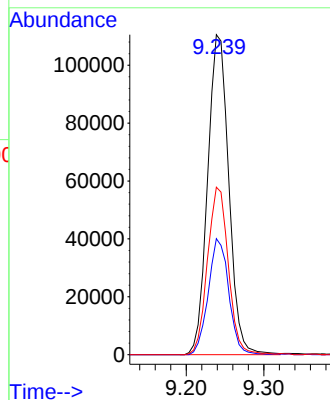
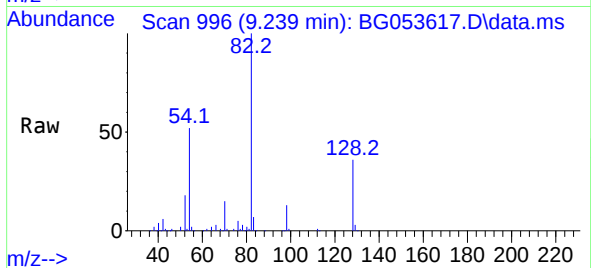




#23
Nitrobenzene-d5
Concen: 101.527 ng
RT: 9.239 min Scan# 91
Delta R.T. -0.014 min
Lab File: BG053617.D
Acq: 19 May 2022 00:00

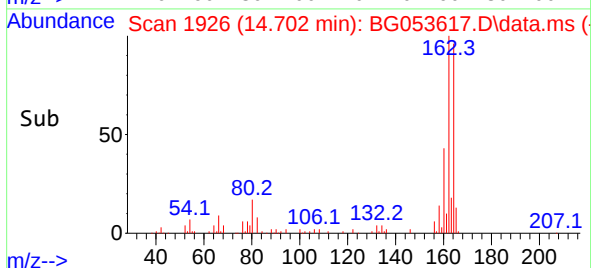
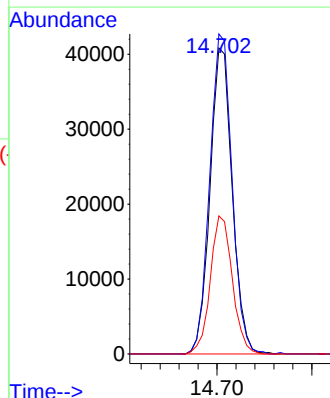
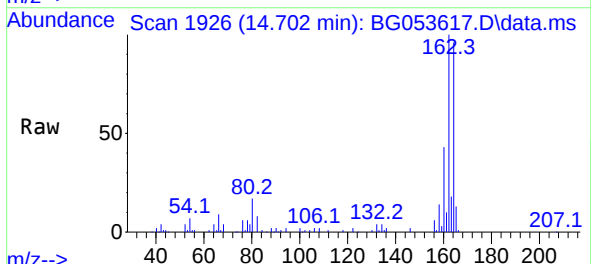
Instrument :
BNA_G
ClientSampleId :
TP-4-0516

Tgt Ion: 82 Resp: 209932
Ion Ratio Lower Upper
82 100
128 36.2 27.9 41.9
54 52.3 41.2 61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.702 min Scan# 1926
Delta R.T. -0.014 min
Lab File: BG053617.D
Acq: 19 May 2022 00:00

Tgt Ion: 164 Resp: 66390
Ion Ratio Lower Upper
164 100
162 104.6 82.3 123.5
160 45.1 34.2 51.2

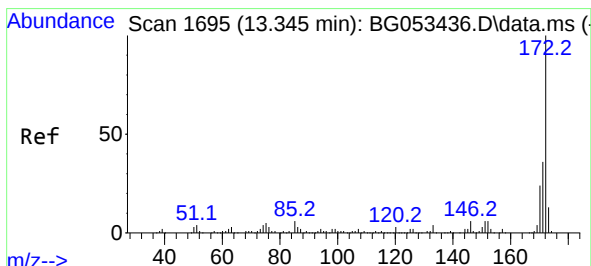
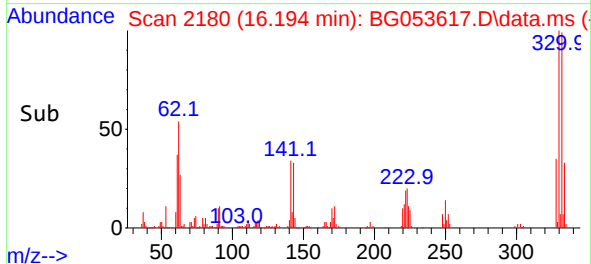
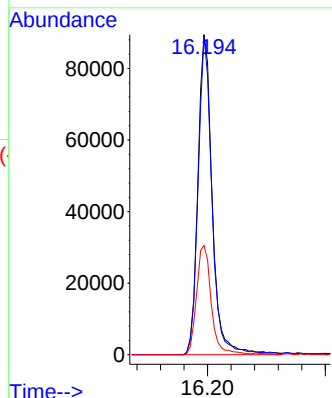
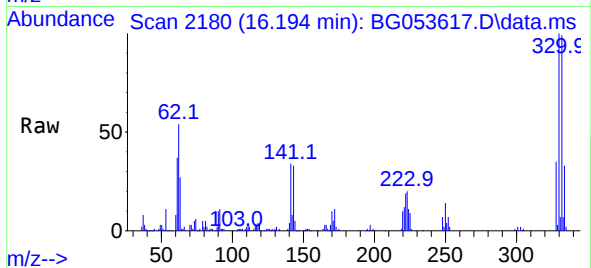




#42
2,4,6-Tribromophenol
Concen: 154.663 ng
RT: 16.194 min Scan# 2183
Delta R.T. -0.008 min
Lab File: BG053617.D
Acq: 19 May 2022 00:00

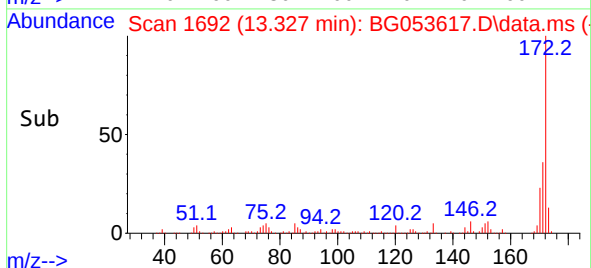
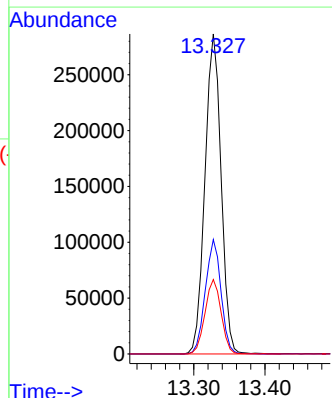
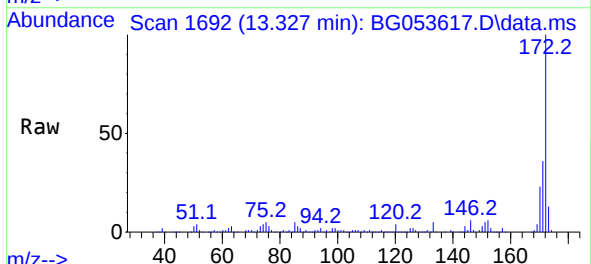
Instrument :
BNA_G
ClientSampleId :
TP-4-0516

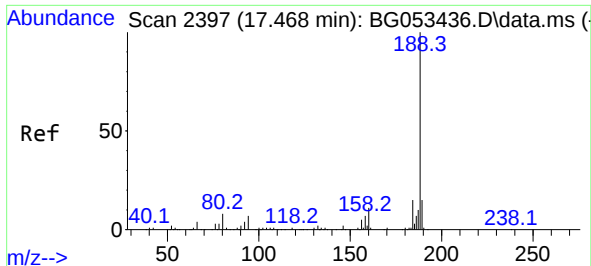
Tgt Ion:330 Resp: 151442
Ion Ratio Lower Upper
330 100
332 95.6 76.0 114.0
141 34.8 27.1 40.7



#45
2-Fluorobiphenyl
Concen: 99.731 ng
RT: 13.327 min Scan# 1692
Delta R.T. -0.008 min
Lab File: BG053617.D
Acq: 19 May 2022 00:00

Tgt Ion:172 Resp: 453105
Ion Ratio Lower Upper
172 100
171 35.8 28.5 42.7
170 23.3 18.9 28.3

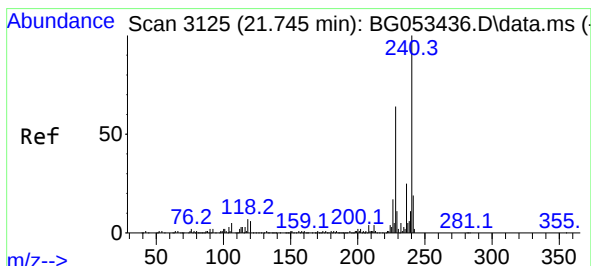
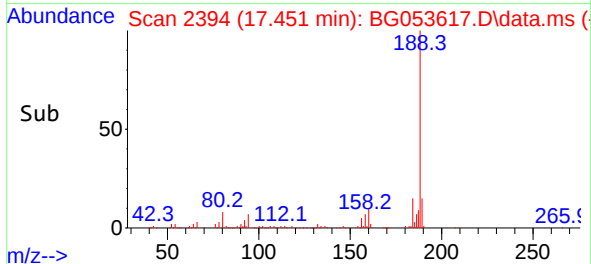
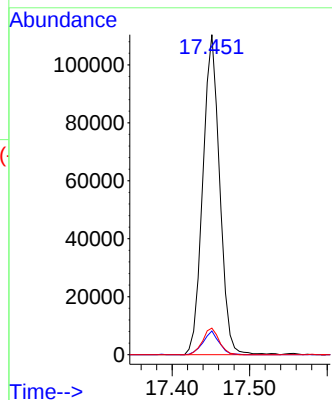
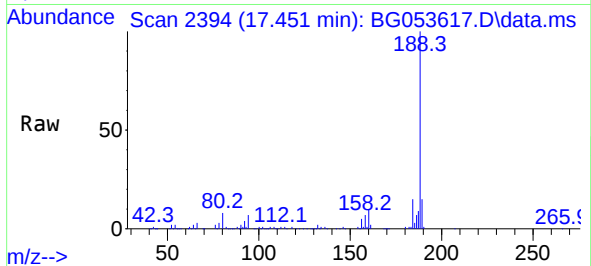




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.451 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG053617.D
Acq: 19 May 2022 00:00

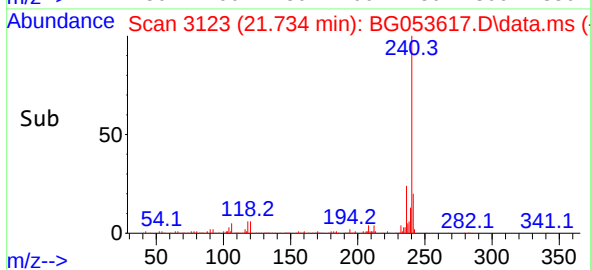
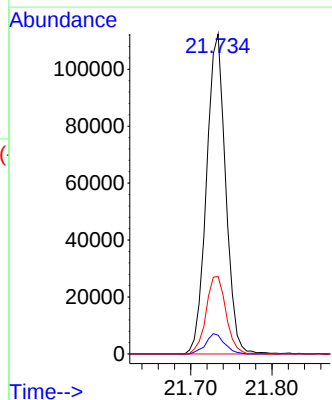
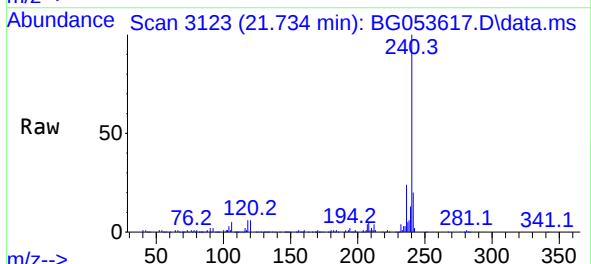
Instrument :
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TP-4-0516

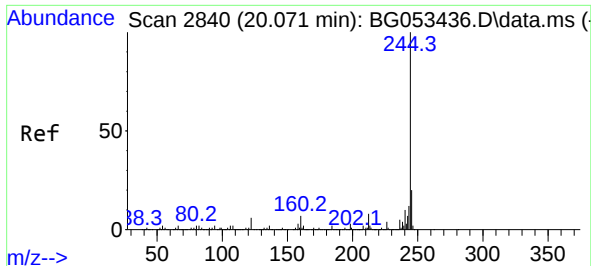
Tgt Ion:188 Resp: 166360
Ion Ratio Lower Upper
188 100
94 7.4 5.4 8.0
80 8.3 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.734 min Scan# 3123
Delta R.T. -0.008 min
Lab File: BG053617.D
Acq: 19 May 2022 00:00

Tgt Ion:240 Resp: 183728
Ion Ratio Lower Upper
240 100
120 5.8 4.6 7.0
236 24.2 20.2 30.4

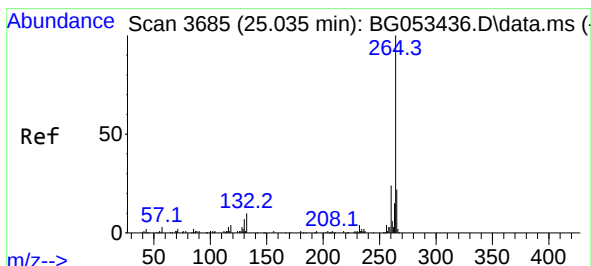
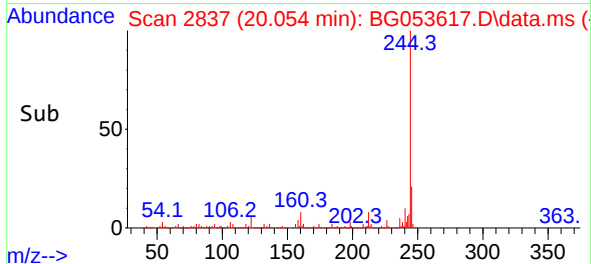
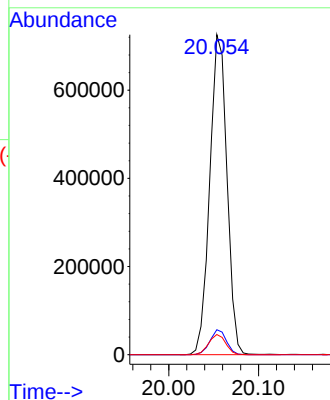
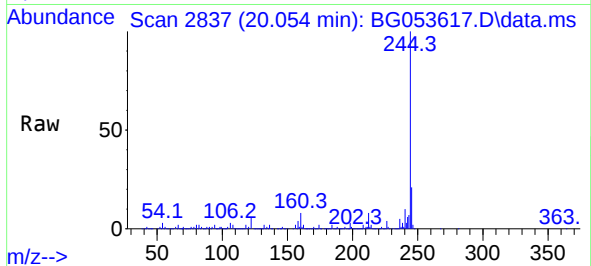




#79
 Terphenyl-d14
 Concen: 97.833 ng
 RT: 20.054 min Scan# 21
 Delta R.T. -0.008 min
 Lab File: BG053617.D
 Acq: 19 May 2022 00:00

Instrument :
 BNA_G
 ClientSampleId :
 TP-4-0516

Tgt Ion:244 Resp: 965101
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.5 9.7
 122 6.3 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.006 min Scan# 3680
 Delta R.T. -0.014 min
 Lab File: BG053617.D
 Acq: 19 May 2022 00:00

Tgt Ion:264 Resp: 190208
 Ion Ratio Lower Upper
 264 100
 260 22.3 19.0 28.6
 265 21.4 17.4 26.2

