

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051022\
 Data File : BG053515.D
 Acq On : 10 May 2022 19:35
 Operator : CG/JU
 Sample : N2749-17
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-6

Quant Time: May 11 06:03:52 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	8.088	152	20207	20.000	ng	0.00
21) Naphthalene-d8	10.896	136	79223	20.000	ng	0.00
39) Acenaphthene-d10	14.714	164	58392	20.000	ng	0.00
64) Phenanthrene-d10	17.457	188	151468	20.000	ng	0.00
76) Chrysene-d12	21.734	240	205413	20.000	ng	0.00
86) Perylene-d12	25.012	264	201333	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.656	112	168073	141.160	ng	0.00
7) Phenol-d6	7.248	99	218370	120.847	ng	0.00
23) Nitrobenzene-d5	9.251	82	184228	98.990	ng	0.00
42) 2,4,6-Tribromophenol	16.200	330	134099	155.709	ng	0.00
45) 2-Fluorobiphenyl	13.333	172	402979	100.847	ng	0.00
79) Terphenyl-d14	20.060	244	1040464	94.338	ng	0.00

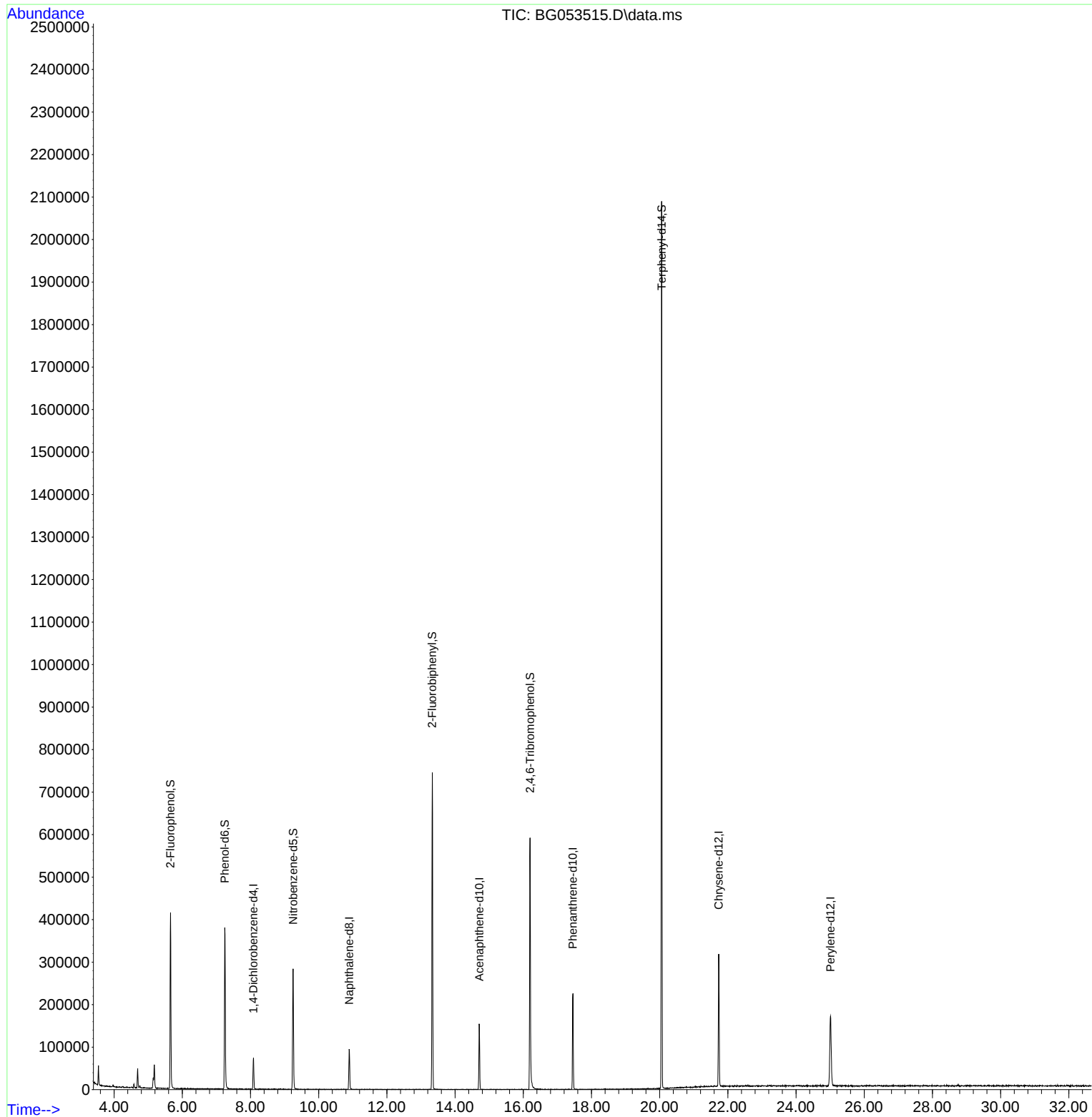
Target Compounds	Qvalue

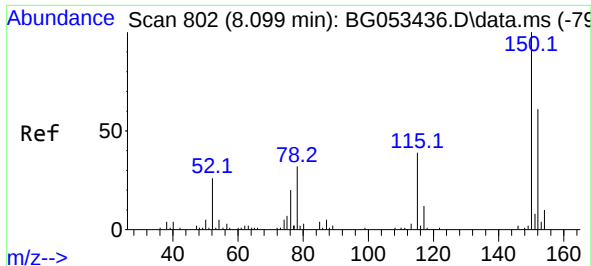
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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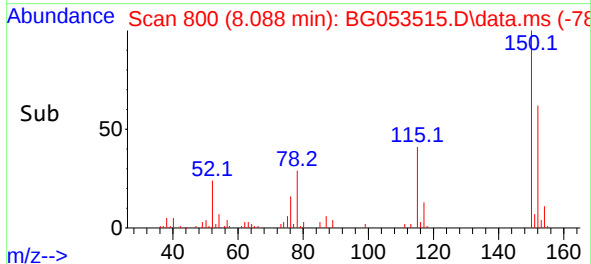
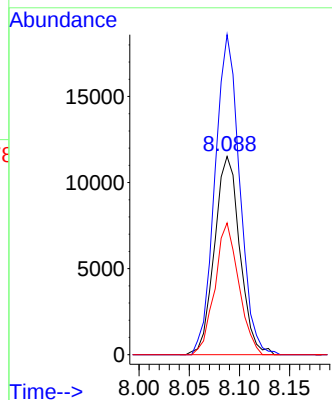
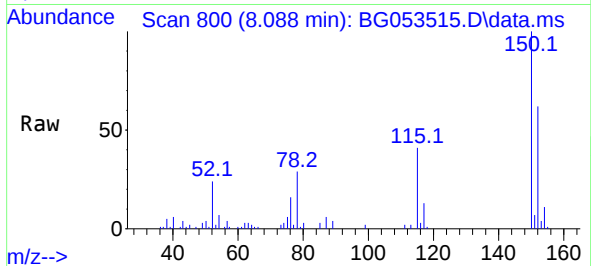




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.088 min Scan# 80
Delta R.T. -0.001 min
Lab File: BG053515.D
Acq: 10 May 2022 19:35

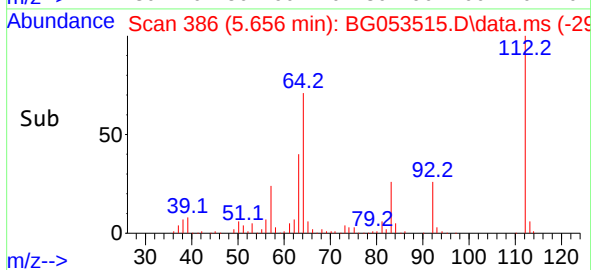
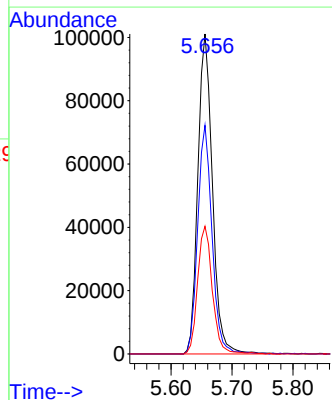
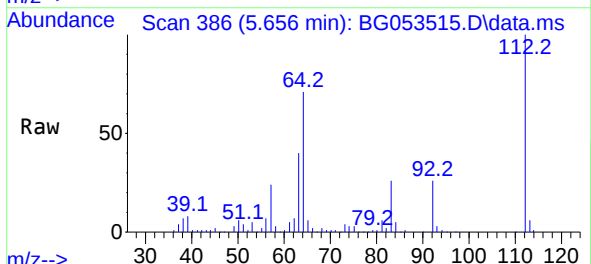
Instrument :
BNA_G
ClientSampleId :
TP-6

Tgt Ion:152 Resp: 20207
Ion Ratio Lower Upper
152 100
150 161.4 131.6 197.4
115 66.4 50.9 76.3



#5
2-Fluorophenol
Concen: 141.160 ng
RT: 5.656 min Scan# 386
Delta R.T. 0.004 min
Lab File: BG053515.D
Acq: 10 May 2022 19:35

Tgt Ion:112 Resp: 168073
Ion Ratio Lower Upper
112 100
64 71.5 55.1 82.7
63 39.9 30.4 45.6

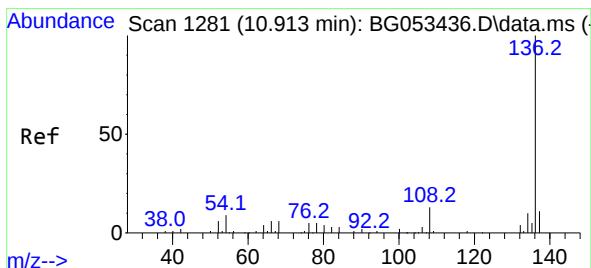
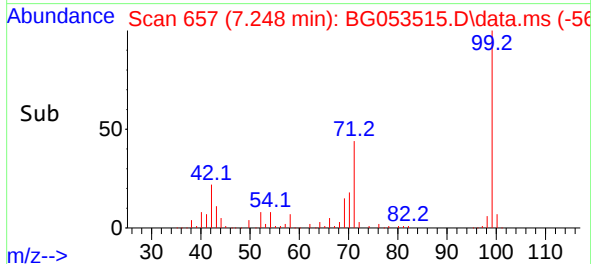
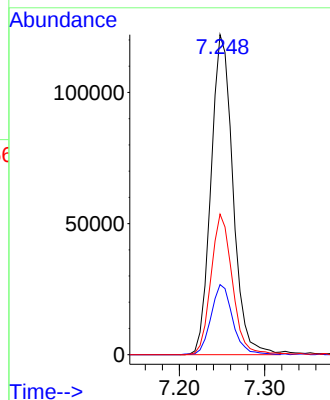
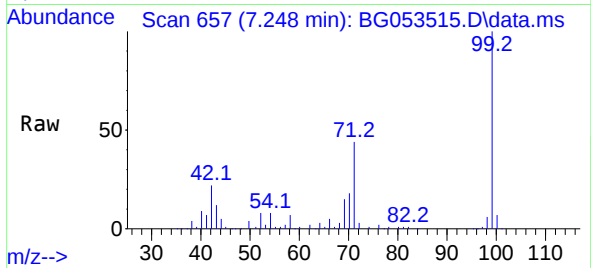




#7
Phenol-d6
Concen: 120.847 ng
RT: 7.248 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG053515.D
Acq: 10 May 2022 19:35

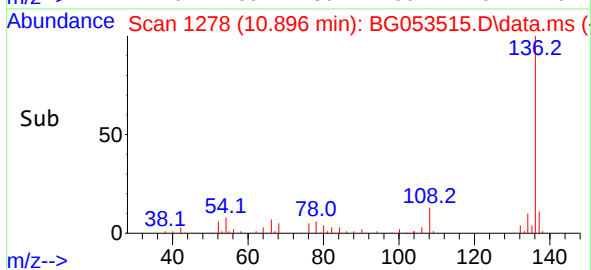
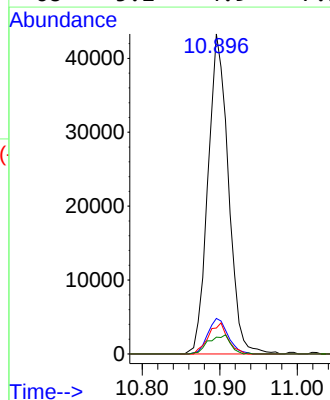
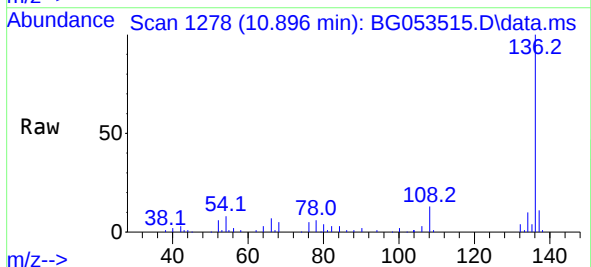
Instrument :
BNA_G
ClientSampleId :
TP-6

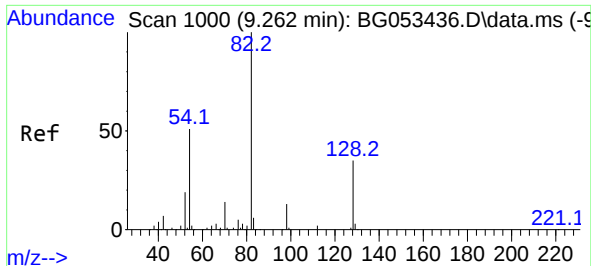
Tgt Ion: 99 Resp: 218370
Ion Ratio Lower Upper
99 100
42 21.9 17.0 25.6
71 43.9 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.896 min Scan# 1278
Delta R.T. -0.002 min
Lab File: BG053515.D
Acq: 10 May 2022 19:35

Tgt Ion: 136 Resp: 79223
Ion Ratio Lower Upper
136 100
137 11.1 8.5 12.7
54 8.1 7.4 11.2
68 5.2 4.9 7.3

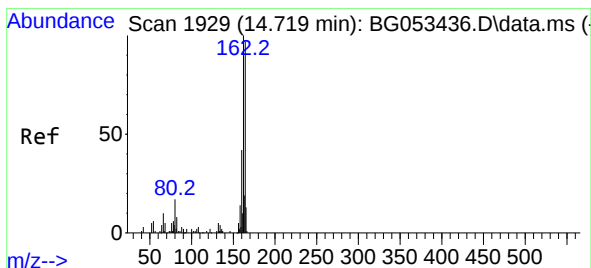
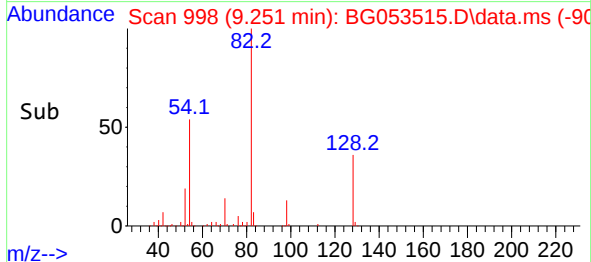
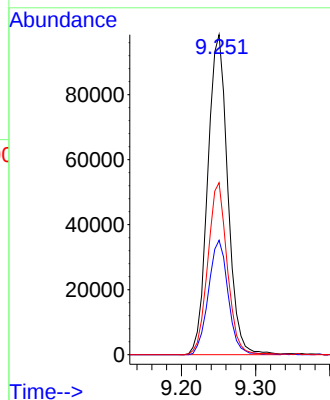
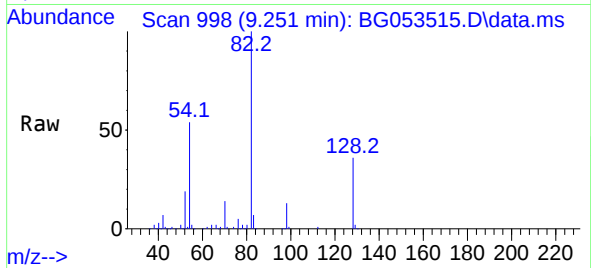




#23
Nitrobenzene-d5
Concen: 98.990 ng
RT: 9.251 min Scan# 91
Delta R.T. -0.002 min
Lab File: BG053515.D
Acq: 10 May 2022 19:35

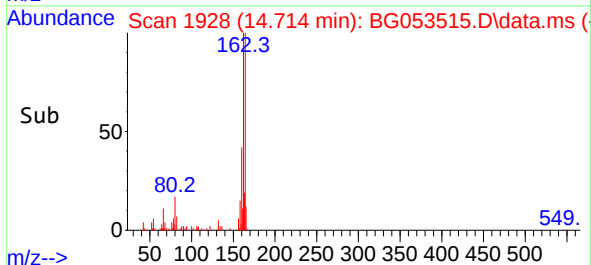
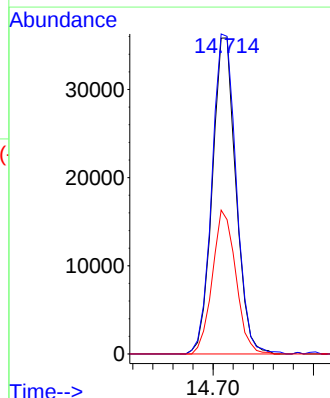
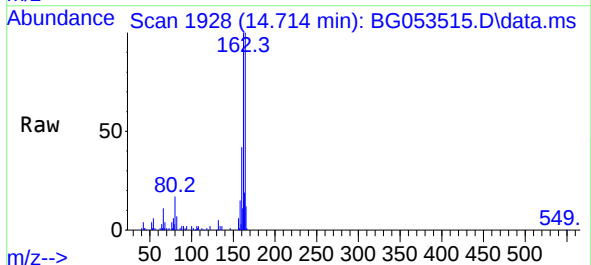
Instrument :
BNA_G
ClientSampleId :
TP-6

Tgt Ion: 82 Resp: 184228
Ion Ratio Lower Upper
82 100
128 35.7 27.9 41.9
54 53.7 41.2 61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.714 min Scan# 1928
Delta R.T. -0.002 min
Lab File: BG053515.D
Acq: 10 May 2022 19:35

Tgt Ion: 164 Resp: 58392
Ion Ratio Lower Upper
164 100
162 100.5 82.3 123.5
160 42.5 34.2 51.2

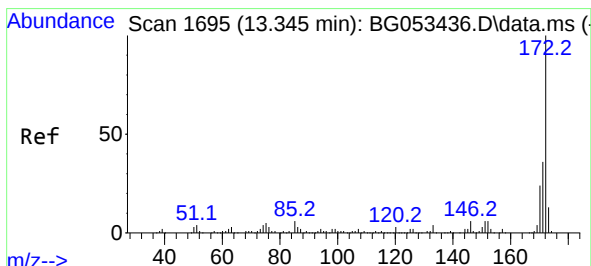
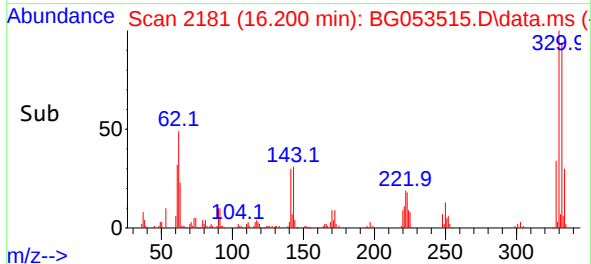
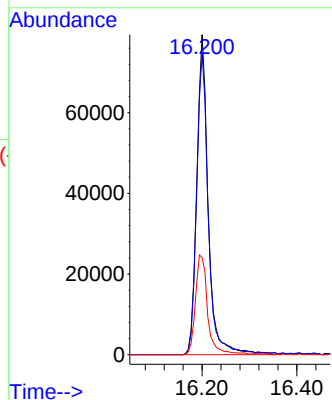
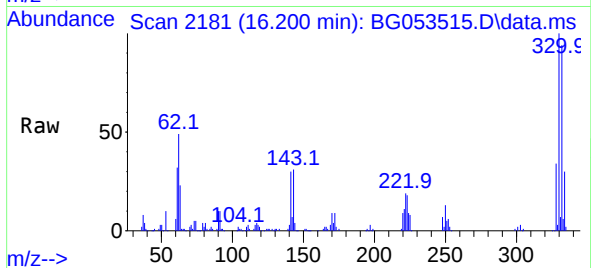




#42
2,4,6-Tribromophenol
Concen: 155.709 ng
RT: 16.200 min Scan# 2183
Delta R.T. -0.002 min
Lab File: BG053515.D
Acq: 10 May 2022 19:35

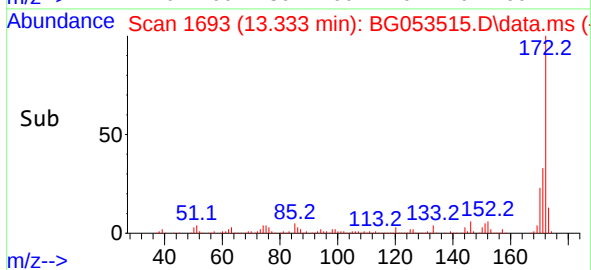
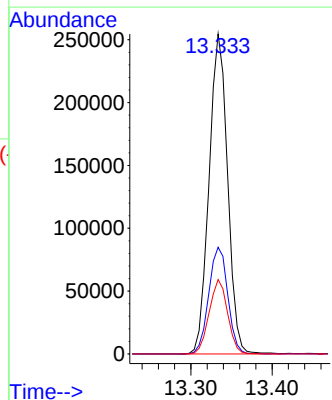
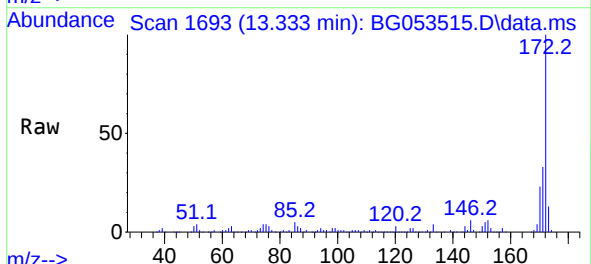
Instrument :
BNA_G
ClientSampleId :
TP-6

Tgt Ion:330 Resp: 134099
Ion Ratio Lower Upper
330 100
332 94.6 76.0 114.0
141 33.0 27.1 40.7



#45
2-Fluorobiphenyl
Concen: 100.847 ng
RT: 13.333 min Scan# 1693
Delta R.T. -0.002 min
Lab File: BG053515.D
Acq: 10 May 2022 19:35

Tgt Ion:172 Resp: 402979
Ion Ratio Lower Upper
172 100
171 33.4 28.5 42.7
170 23.2 18.9 28.3

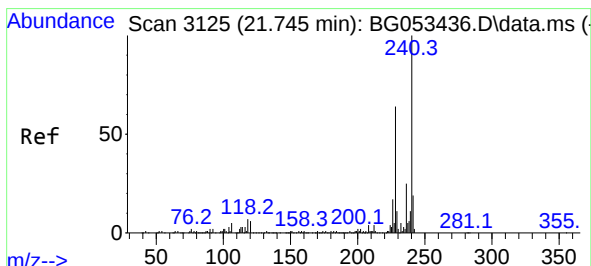
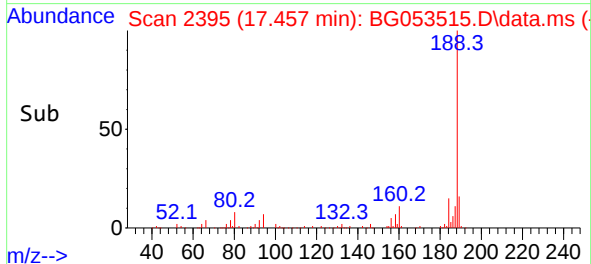
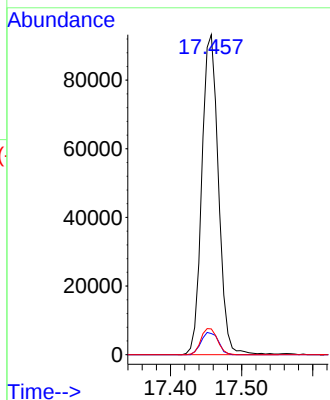
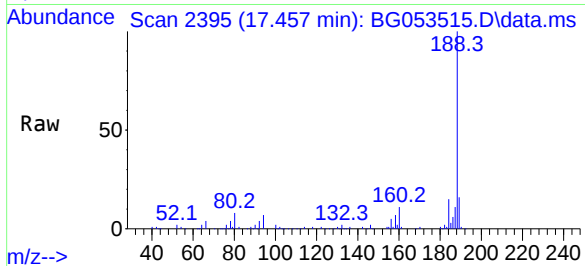




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.457 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG053515.D
Acq: 10 May 2022 19:35

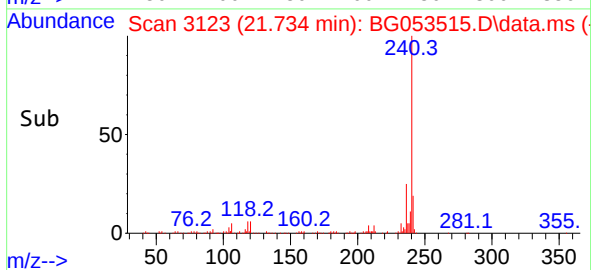
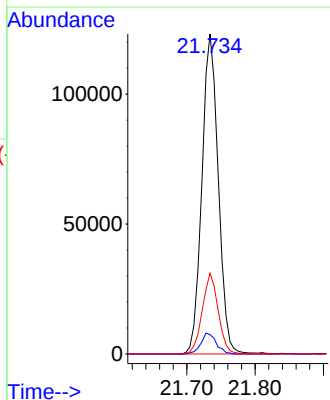
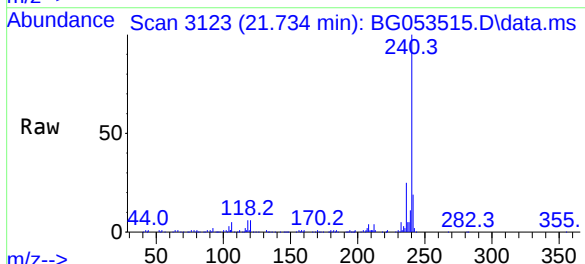
Instrument :
BNA_G
ClientSampleId :
TP-6

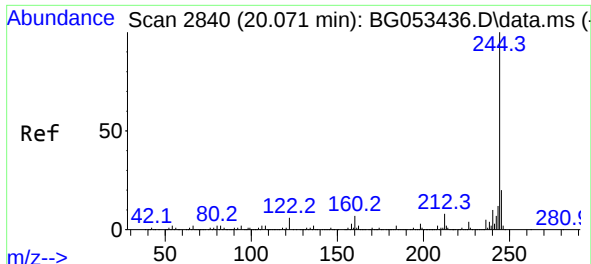
Tgt Ion:188 Resp: 151468
Ion Ratio Lower Upper
188 100
94 6.6 5.4 8.0
80 8.1 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.734 min Scan# 3123
Delta R.T. -0.008 min
Lab File: BG053515.D
Acq: 10 May 2022 19:35

Tgt Ion:240 Resp: 205413
Ion Ratio Lower Upper
240 100
120 6.0 4.6 7.0
236 25.2 20.2 30.4

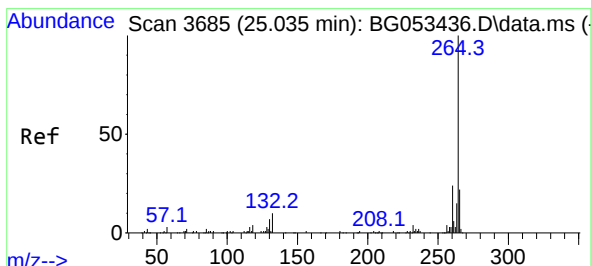
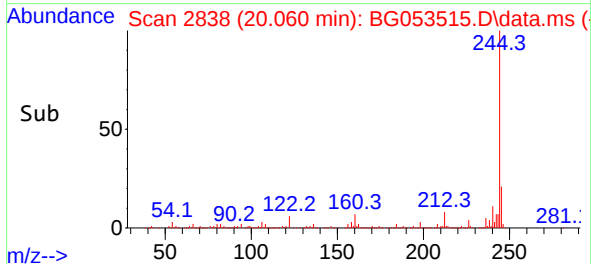
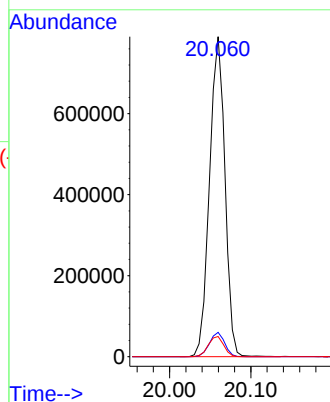
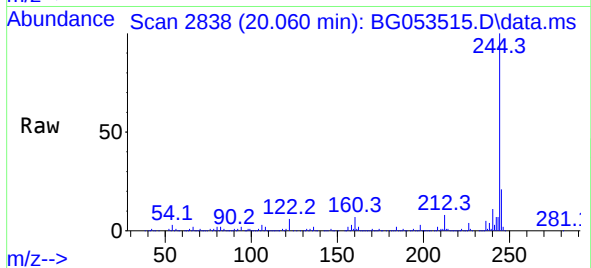




#79
 Terphenyl-d14
 Concen: 94.338 ng
 RT: 20.060 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG053515.D
 Acq: 10 May 2022 19:35

Instrument :
 BNA_G
 ClientSampleId :
 TP-6

Tgt Ion:244 Resp: 1040464
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.5 9.7
 122 6.3 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.012 min Scan# 3681
 Delta R.T. -0.008 min
 Lab File: BG053515.D
 Acq: 10 May 2022 19:35

Tgt Ion:264 Resp: 201333
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.0 28.6
 265 22.9 17.4 26.2

