

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072823\
 Data File : BG058535.D
 Acq On : 29 Jul 2023 2:36
 Operator : MA/JU
 Sample : 03642-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EFF-WW

Quant Time: Jul 29 03:14:48 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	7.817	152	59446	20.000	ng	0.00
21) Naphthalene-d8	10.614	136	183142	20.000	ng	# 0.00
39) Acenaphthene-d10	14.463	164	167454	20.000	ng	0.00
64) Phenanthrene-d10	17.212	188	352068	20.000	ng	0.00
76) Chrysene-d12	21.448	240	303690	20.000	ng	0.00
86) Perylene-d12	24.521	264	392843	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.385	112	159913	41.116	ng	0.00
7) Phenol-d6	7.001	99	159930	29.552	ng	0.02
23) Nitrobenzene-d5	8.981	82	441774	118.500	ng	0.00
42) 2,4,6-Tribromophenol	15.961	330	184123	67.083	ng	0.00
45) 2-Fluorobiphenyl	13.088	172	966105	86.459	ng	0.00
79) Terphenyl-d14	19.827	244	1407215	87.138	ng	0.00

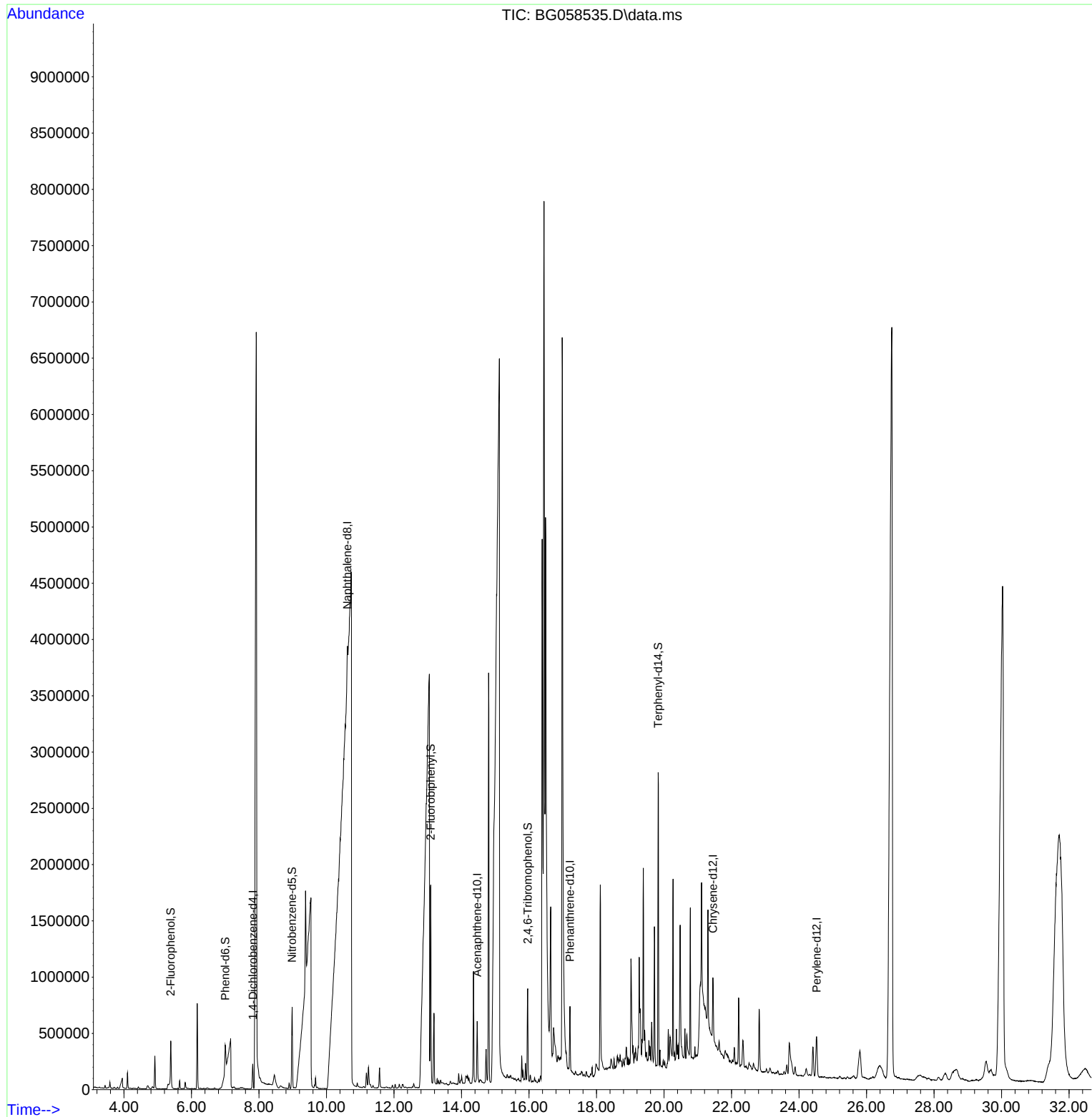
Target Compounds	Qvalue

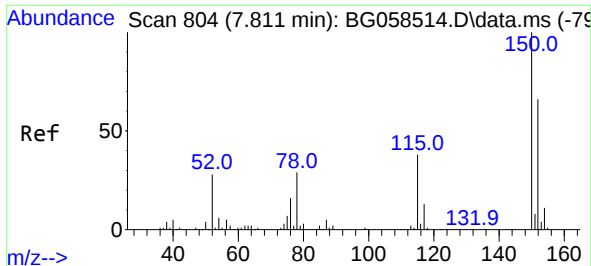
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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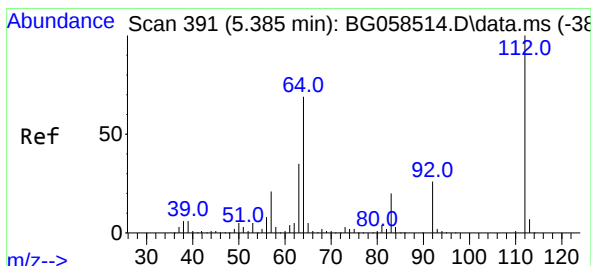
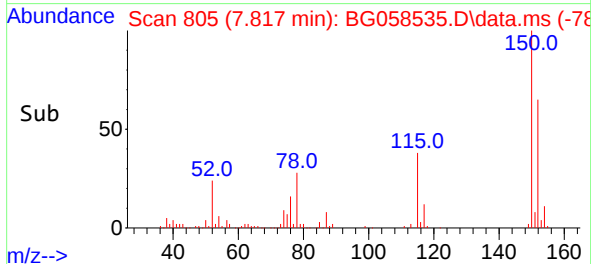
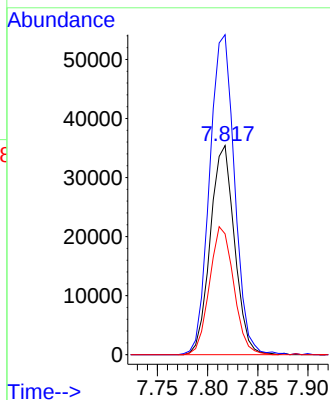
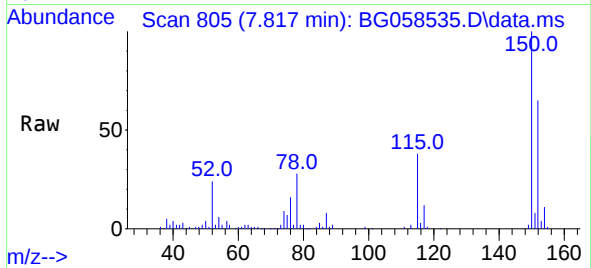




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.817 min Scan# 804
Delta R.T. 0.006 min
Lab File: BG058535.D
Acq: 29 Jul 2023 2:36

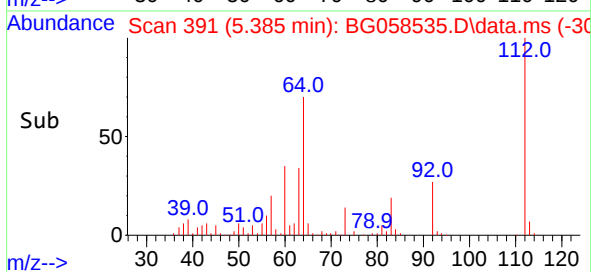
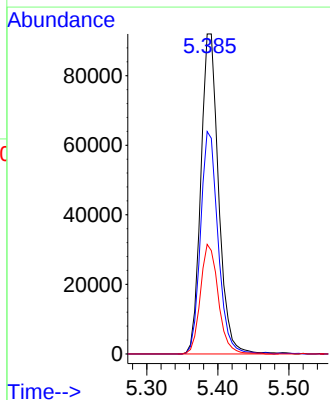
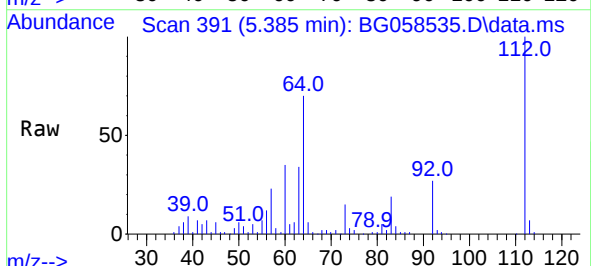
Instrument :
BNA_G
ClientSampleId :
EFF-WW

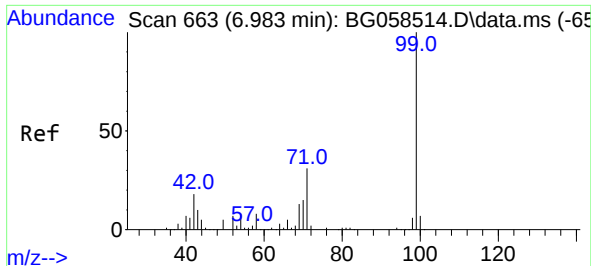
Tgt Ion:152 Resp: 59446
Ion Ratio Lower Upper
152 100
150 153.0 120.5 180.7
115 57.8 45.9 68.9



#5
2-Fluorophenol
Concen: 41.116 ng
RT: 5.385 min Scan# 391
Delta R.T. 0.000 min
Lab File: BG058535.D
Acq: 29 Jul 2023 2:36

Tgt Ion:112 Resp: 159913
Ion Ratio Lower Upper
112 100
64 69.5 55.3 82.9
63 34.2 28.3 42.5

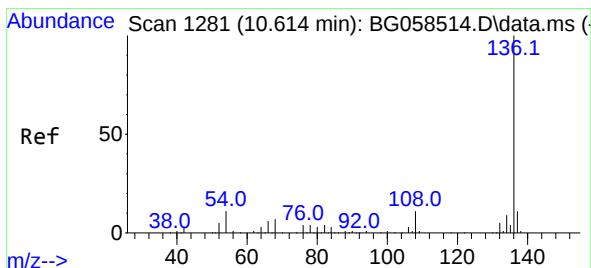
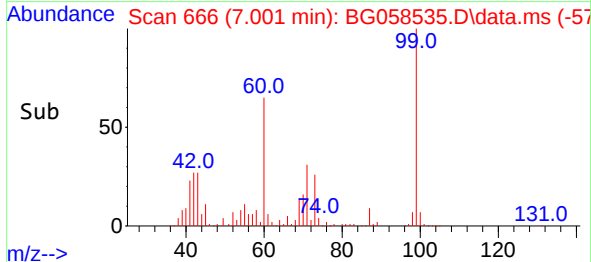
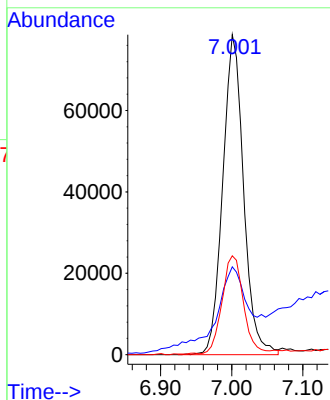
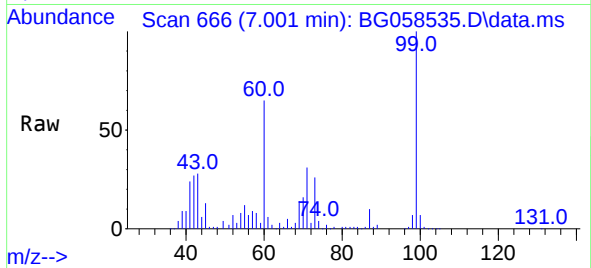




#7
Phenol-d6
Concen: 29.552 ng
RT: 7.001 min Scan# 60
Delta R.T. 0.018 min
Lab File: BG058535.D
Acq: 29 Jul 2023 2:36

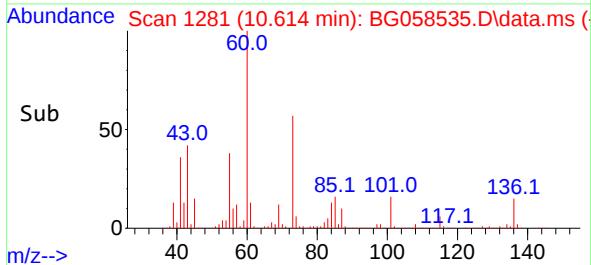
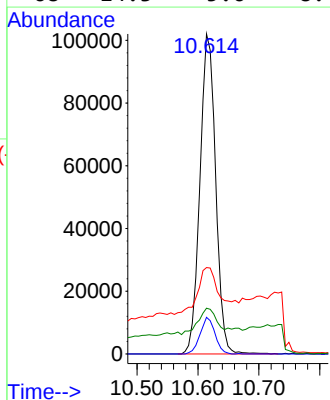
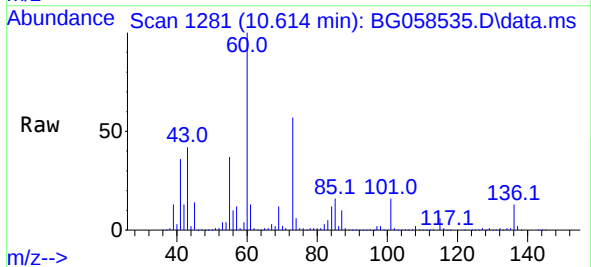
Instrument :
BNA_G
ClientSampleId :
EFF-WW

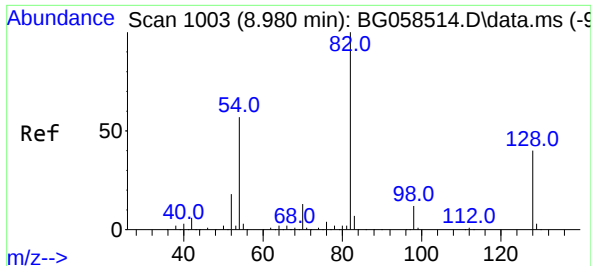
Tgt Ion: 99 Resp: 159930
Ion Ratio Lower Upper
99 100
42 27.5 14.6 21.8#
71 30.9 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.614 min Scan# 1281
Delta R.T. 0.000 min
Lab File: BG058535.D
Acq: 29 Jul 2023 2:36

Tgt Ion:136 Resp: 183142
Ion Ratio Lower Upper
136 100
137 11.5 8.6 13.0
54 27.0 8.9 13.3#
68 14.3 5.6 8.4#

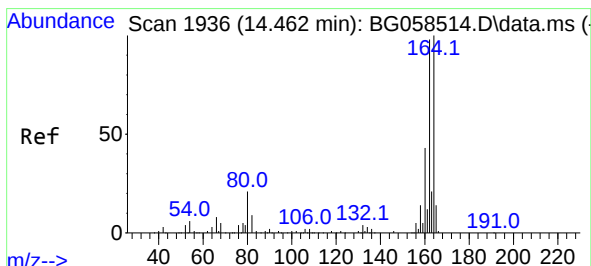
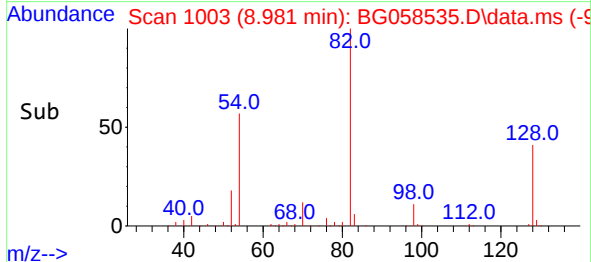
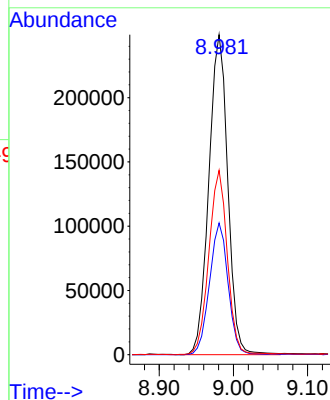
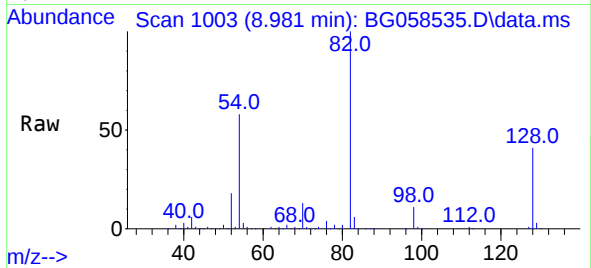




#23
Nitrobenzene-d5
Concen: 118.500 ng
RT: 8.981 min Scan# 1003
Delta R.T. 0.000 min
Lab File: BG058535.D
Acq: 29 Jul 2023 2:36

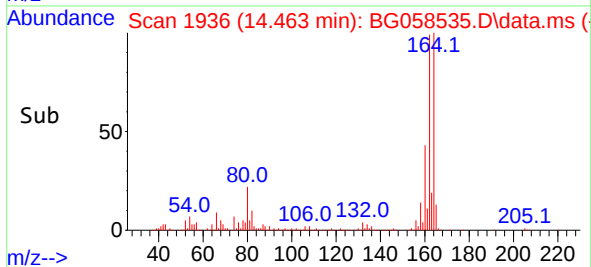
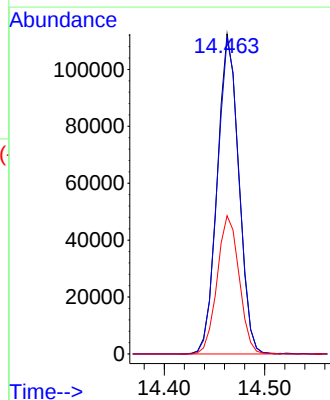
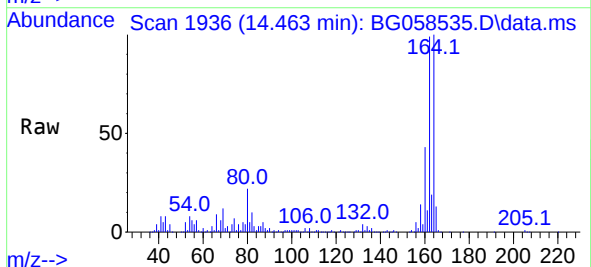
Instrument :
BNA_G
ClientSampleId :
EFF-WW

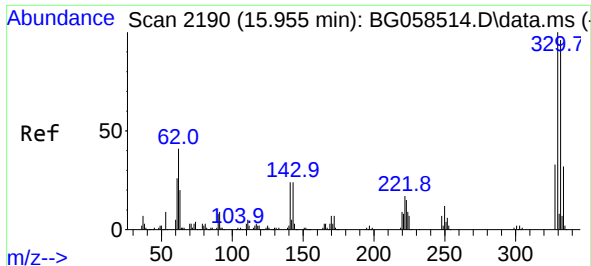
Tgt Ion: 82 Resp: 441774
Ion Ratio Lower Upper
82 100
128 41.2 32.2 48.2
54 57.6 46.0 69.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1936
Delta R.T. 0.000 min
Lab File: BG058535.D
Acq: 29 Jul 2023 2:36

Tgt Ion:164 Resp: 167454
Ion Ratio Lower Upper
164 100
162 98.6 78.3 117.5
160 43.2 34.1 51.1

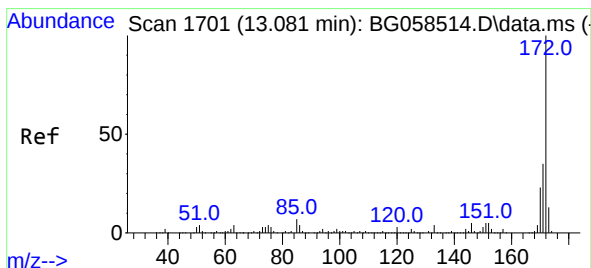
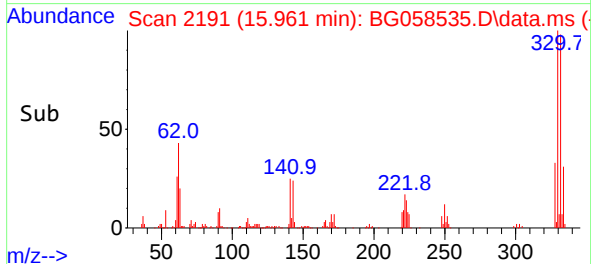
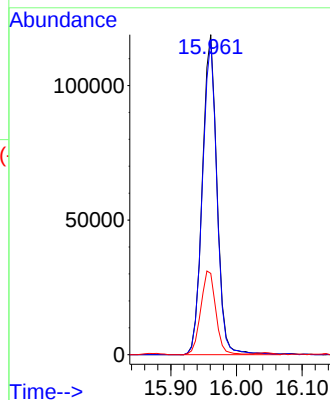
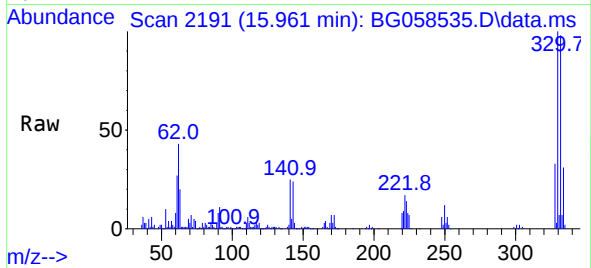




#42
2,4,6-Tribromophenol
Concen: 67.083 ng
RT: 15.961 min Scan# 2190
Delta R.T. 0.006 min
Lab File: BG058535.D
Acq: 29 Jul 2023 2:36

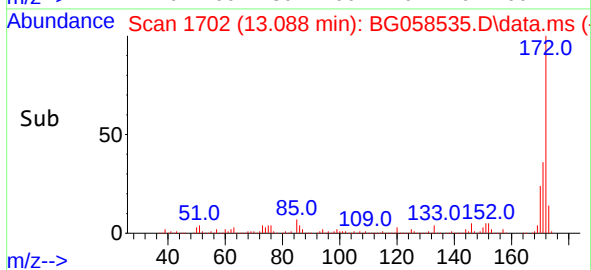
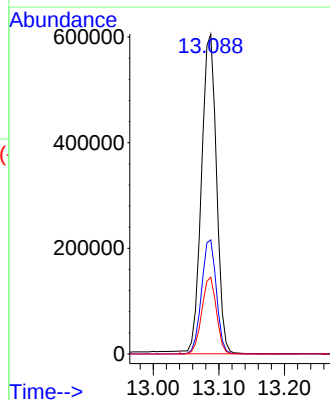
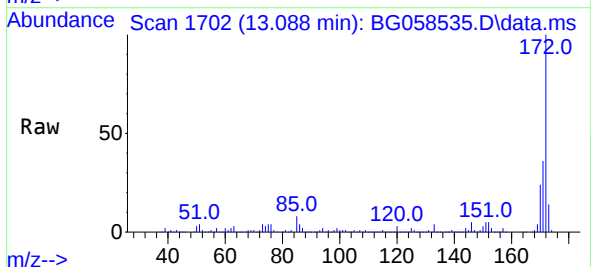
Instrument :
BNA_G
ClientSampleId :
EFF-WW

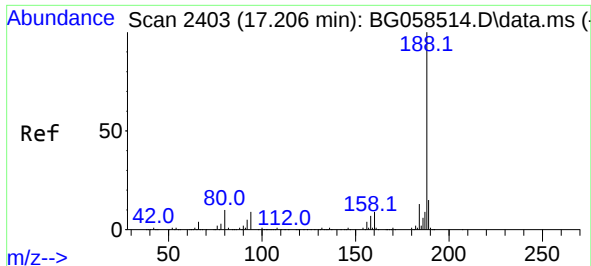
Tgt Ion:330 Resp: 184123
Ion Ratio Lower Upper
330 100
332 97.4 77.5 116.3
141 26.9 20.7 31.1



#45
2-Fluorobiphenyl
Concen: 86.459 ng
RT: 13.088 min Scan# 1702
Delta R.T. 0.006 min
Lab File: BG058535.D
Acq: 29 Jul 2023 2:36

Tgt Ion:172 Resp: 966105
Ion Ratio Lower Upper
172 100
171 35.7 28.0 42.0
170 24.0 18.4 27.6

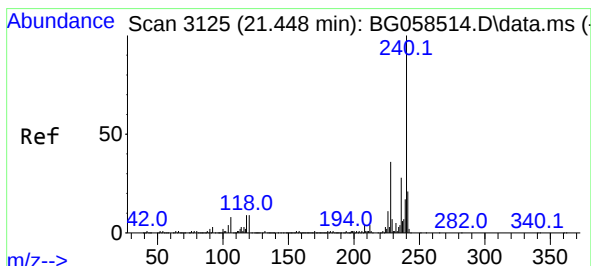
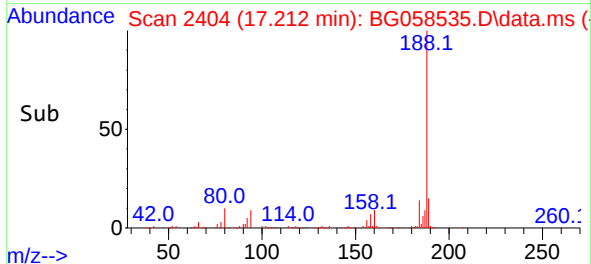
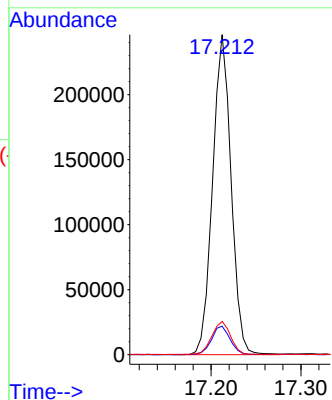
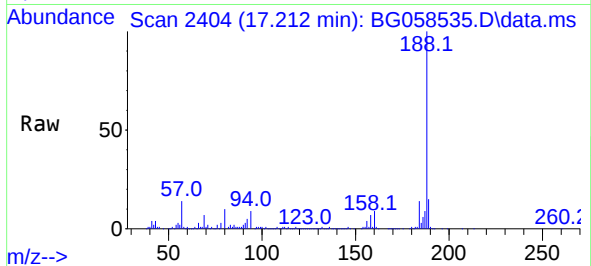




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.212 min Scan# 2404
Delta R.T. 0.006 min
Lab File: BG058535.D
Acq: 29 Jul 2023 2:36

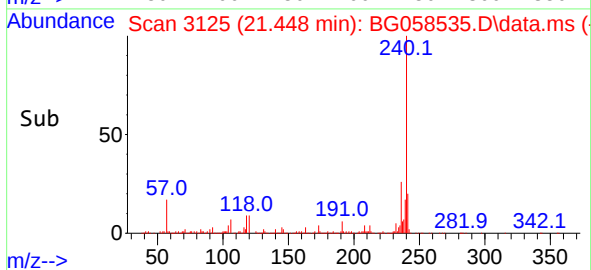
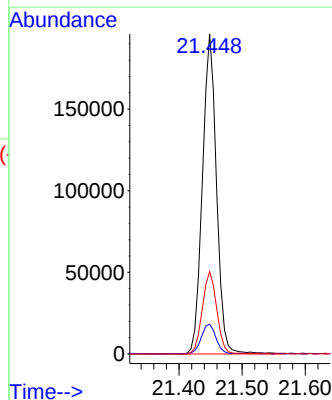
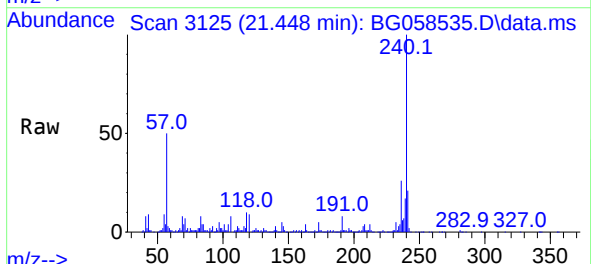
Instrument :
BNA_G
ClientSampleId :
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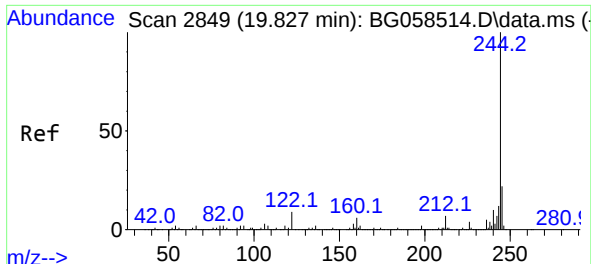
Tgt Ion:188 Resp: 352068
Ion Ratio Lower Upper
188 100
94 8.9 7.0 10.6
80 10.4 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.448 min Scan# 3125
Delta R.T. 0.000 min
Lab File: BG058535.D
Acq: 29 Jul 2023 2:36

Tgt Ion:240 Resp: 303690
Ion Ratio Lower Upper
240 100
120 9.3 7.4 11.0
236 25.8 22.2 33.4

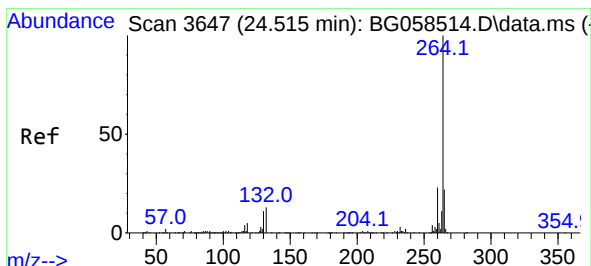
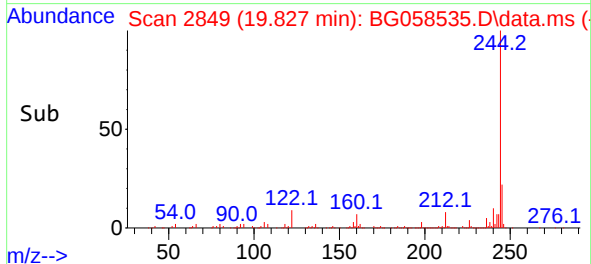
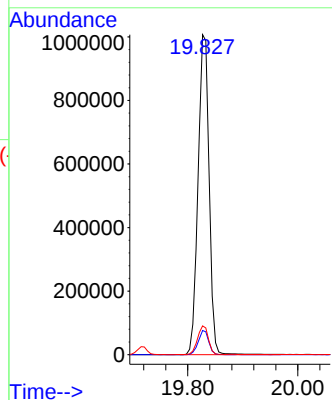
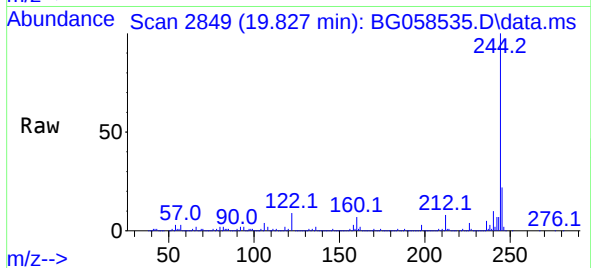




#79
 Terphenyl-d14
 Concen: 87.138 ng
 RT: 19.827 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG058535.D
 Acq: 29 Jul 2023 2:36

Instrument :
 BNA_G
 ClientSampleId :
 EFF-WW

Tgt Ion:244 Resp: 1407215
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.9 8.9
 122 9.0 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: BG058535.D
 Acq: 29 Jul 2023 2:36

Tgt Ion:264 Resp: 392843
 Ion Ratio Lower Upper
 264 100
 260 22.3 18.4 27.6
 265 21.6 17.9 26.9

