

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061523\
 Data File : BG057724.D
 Acq On : 15 Jun 2023 14:39
 Operator : CG/JU
 Sample : 03160-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PNNL-B-0609-2

Quant Time: Jun 15 15:42:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 14 03:52:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.935	152	32217	20.000	ng	0.00
21) Naphthalene-d8	10.738	136	130212	20.000	ng	0.00
39) Acenaphthene-d10	14.569	164	79993	20.000	ng	0.00
64) Phenanthrene-d10	17.313	188	188712	20.000	ng	0.00
76) Chrysene-d12	21.566	240	188520	20.000	ng	0.00
86) Perylene-d12	24.721	264	230958	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.509	112	288549	145.837	ng	0.00
7) Phenol-d6	7.095	99	361201	118.833	ng	0.00
23) Nitrobenzene-d5	9.093	82	234488	107.220	ng	-0.01
42) 2,4,6-Tribromophenol	16.055	330	139700	156.536	ng	0.00
45) 2-Fluorobiphenyl	13.194	172	503969	93.911	ng	0.00
79) Terphenyl-d14	19.927	244	897270	87.997	ng	0.00

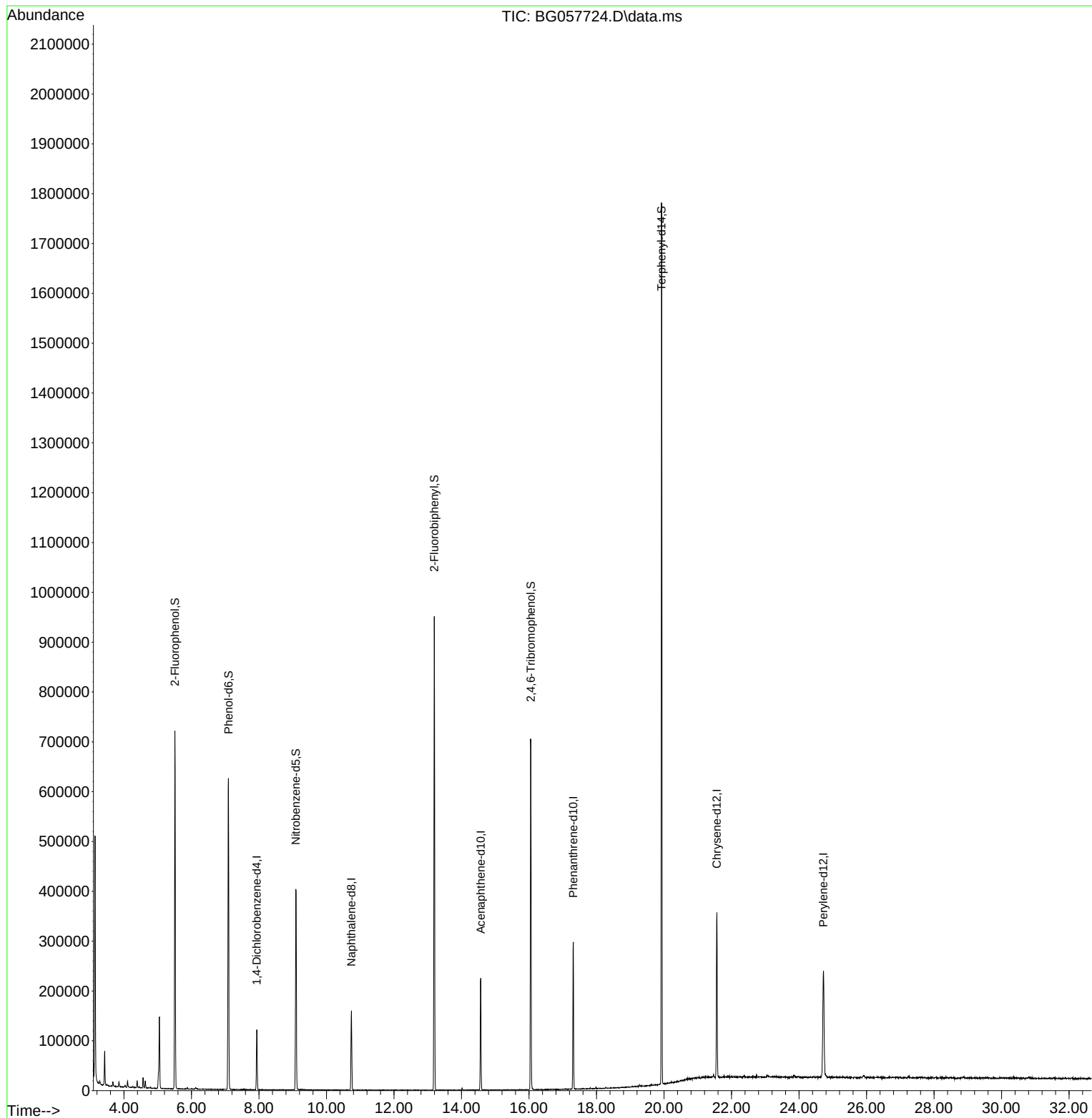
Target Compounds	Qvalue

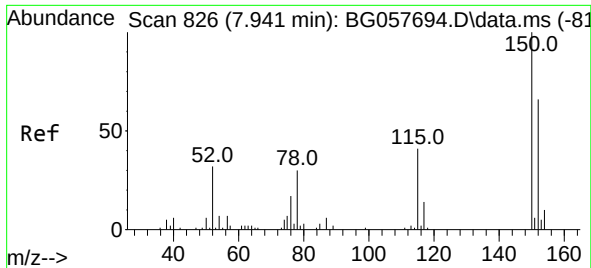
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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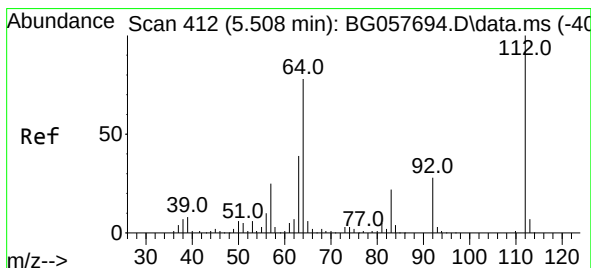
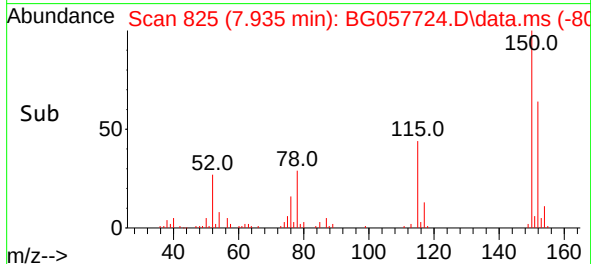
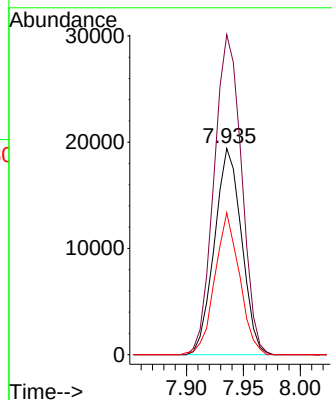
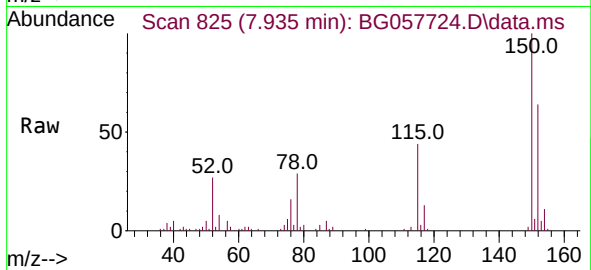




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.935 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG057724.D
Acq: 15 Jun 2023 14:39

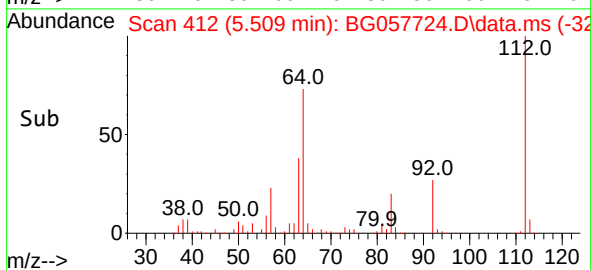
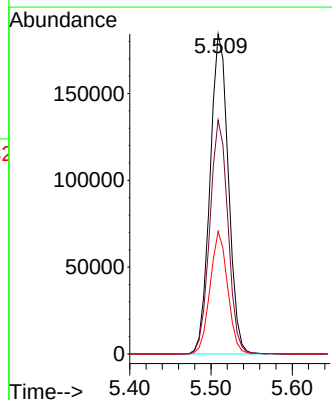
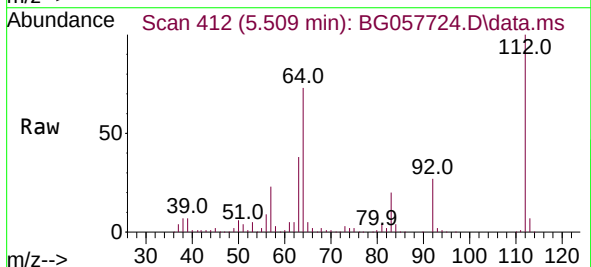
Instrument :
BNA_G
ClientSampleId :
PNNL-B-0609-2

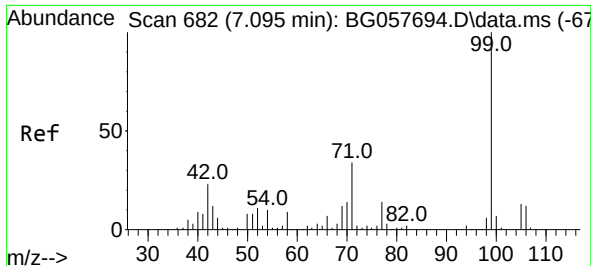
Tgt Ion:152 Resp: 32217
Ion Ratio Lower Upper
152 100
150 155.1 120.8 181.2
115 68.8 49.4 74.2



#5
2-Fluorophenol
Concen: 145.837 ng
RT: 5.509 min Scan# 412
Delta R.T. 0.000 min
Lab File: BG057724.D
Acq: 15 Jun 2023 14:39

Tgt Ion:112 Resp: 288549
Ion Ratio Lower Upper
112 100
64 73.1 62.3 93.5
63 38.3 31.5 47.3

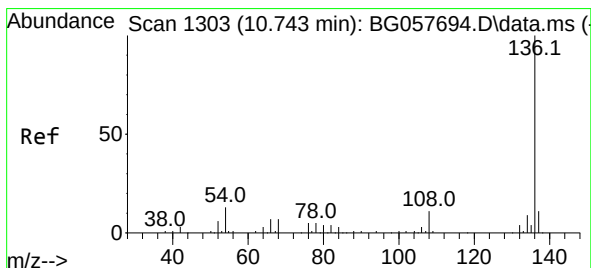
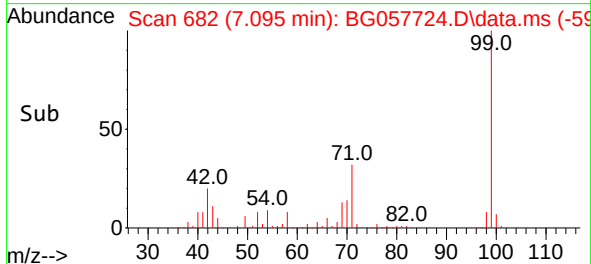
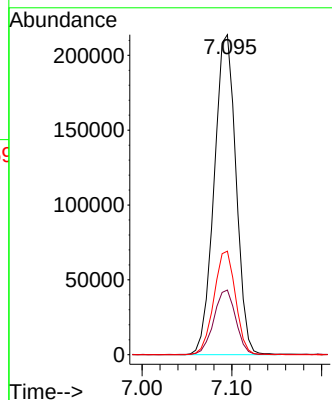
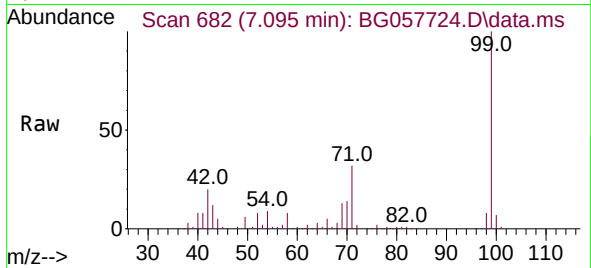




#7
Phenol-d6
Concen: 118.833 ng
RT: 7.095 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG057724.D
Acq: 15 Jun 2023 14:39

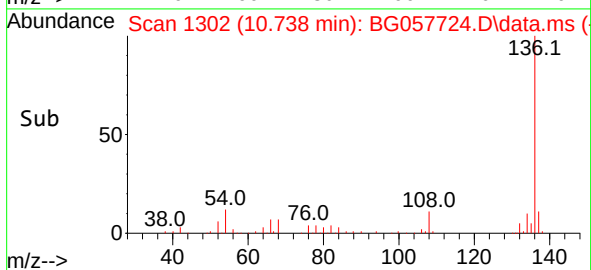
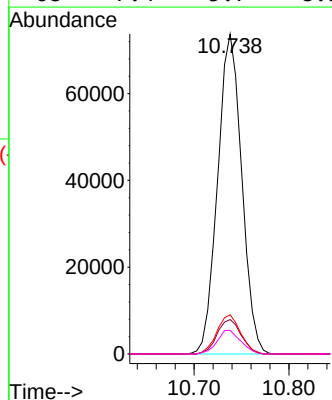
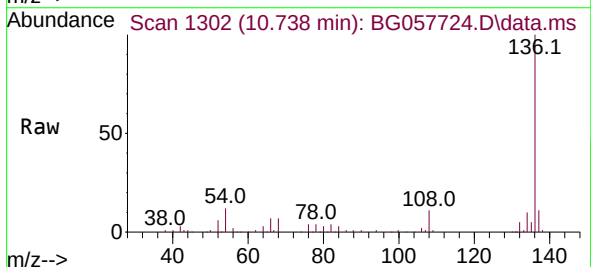
Instrument :
BNA_G
ClientSampleId :
PNNL-B-0609-2

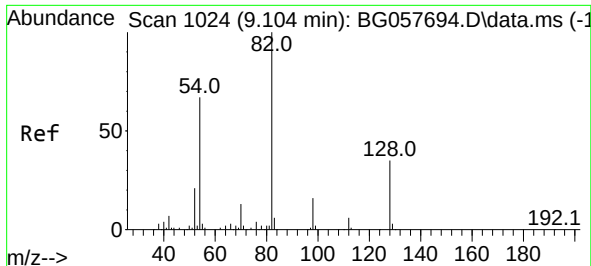
Tgt Ion: 99 Resp: 361201
Ion Ratio Lower Upper
99 100
42 20.2 18.3 27.5
71 32.4 27.5 41.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.738 min Scan# 1302
Delta R.T. -0.005 min
Lab File: BG057724.D
Acq: 15 Jun 2023 14:39

Tgt Ion: 136 Resp: 130212
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 12.2 10.8 16.2
68 7.4 5.7 8.5

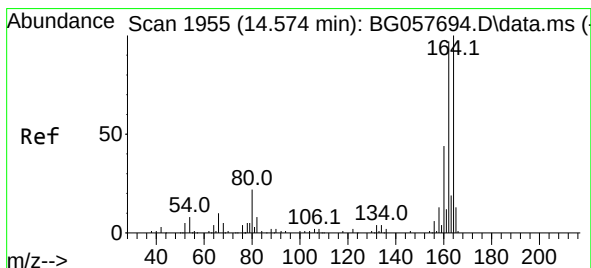
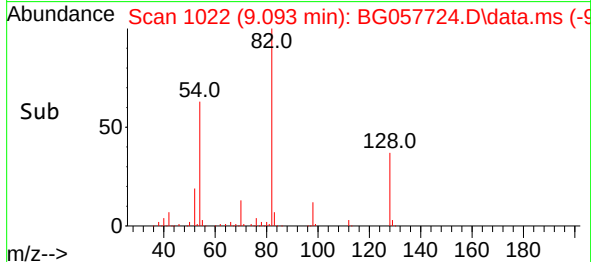
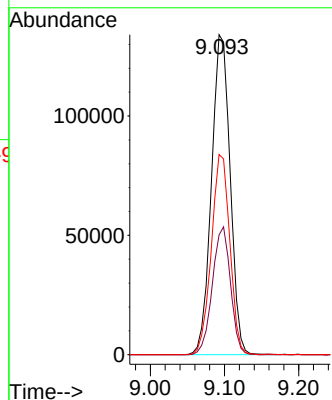
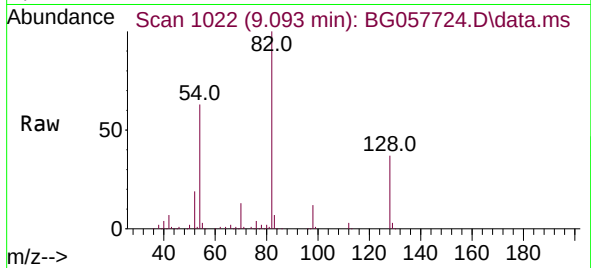




#23
Nitrobenzene-d5
Concen: 107.220 ng
RT: 9.093 min Scan# 1022
Delta R.T. -0.011 min
Lab File: BG057724.D
Acq: 15 Jun 2023 14:39

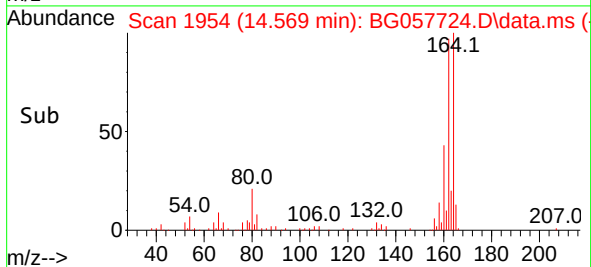
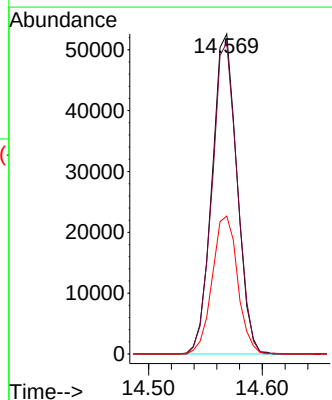
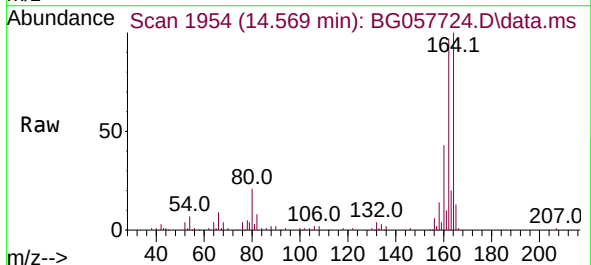
Instrument :
BNA_G
ClientSampleId :
PNNL-B-0609-2

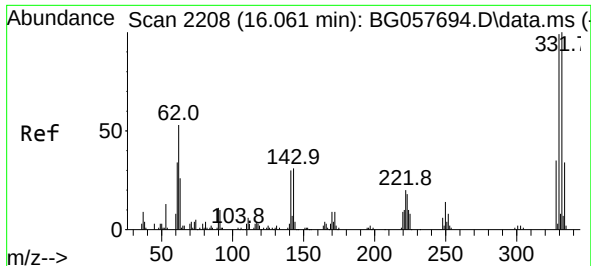
Tgt Ion: 82 Resp: 234488
Ion Ratio Lower Upper
82 100
128 37.5 27.7 41.5
54 62.5 53.8 80.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.569 min Scan# 1954
Delta R.T. -0.005 min
Lab File: BG057724.D
Acq: 15 Jun 2023 14:39

Tgt Ion:164 Resp: 79993
Ion Ratio Lower Upper
164 100
162 97.2 77.7 116.5
160 43.1 35.1 52.7

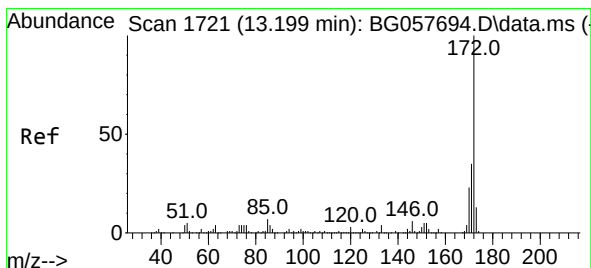
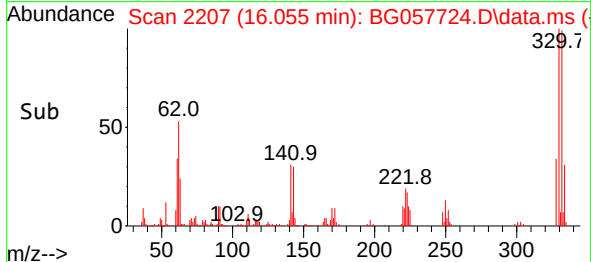
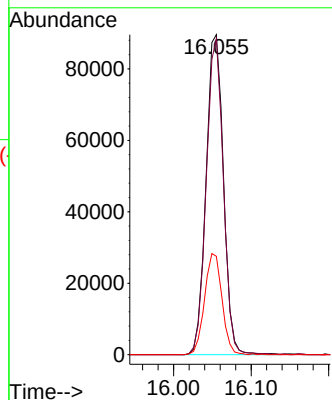
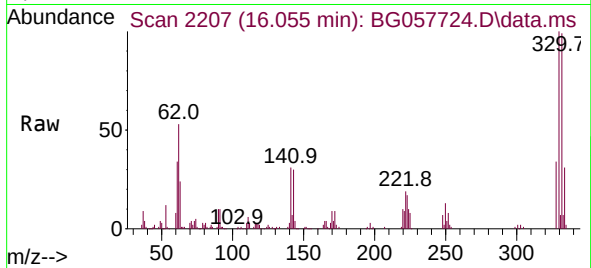




#42
2,4,6-Tribromophenol
Concen: 156.536 ng
RT: 16.055 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG057724.D
Acq: 15 Jun 2023 14:39

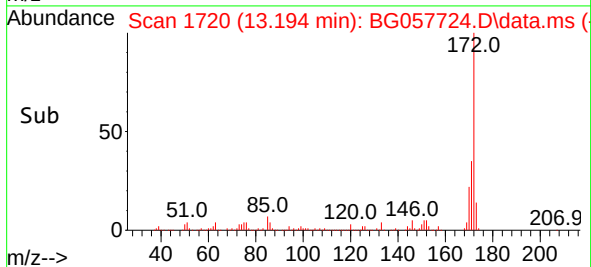
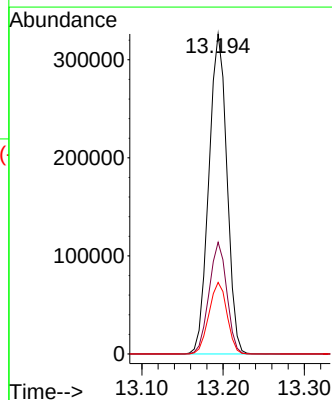
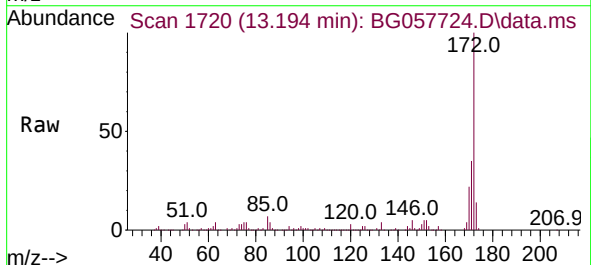
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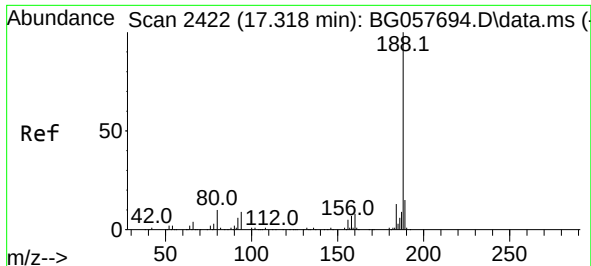
Tgt Ion:330 Resp: 139700
Ion Ratio Lower Upper
330 100
332 96.8 79.0 118.6
141 31.6 25.0 37.6



#45
2-Fluorobiphenyl
Concen: 93.911 ng
RT: 13.194 min Scan# 1720
Delta R.T. -0.006 min
Lab File: BG057724.D
Acq: 15 Jun 2023 14:39

Tgt Ion:172 Resp: 503969
Ion Ratio Lower Upper
172 100
171 34.9 27.9 41.9
170 22.3 18.2 27.4

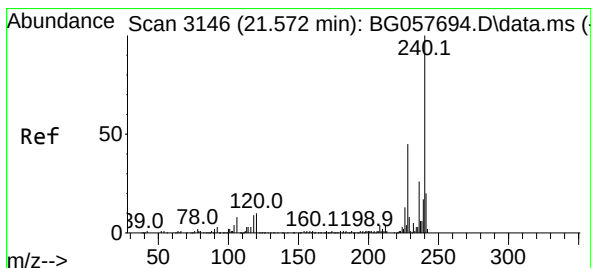
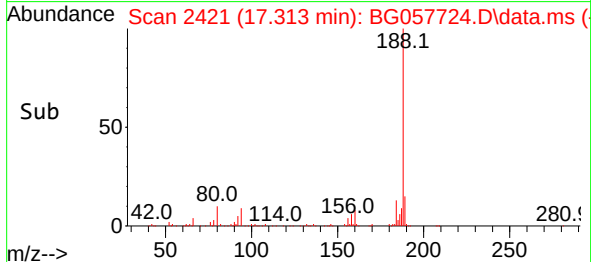
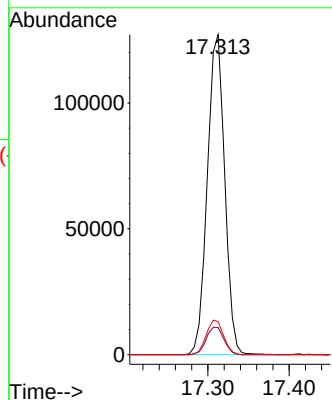
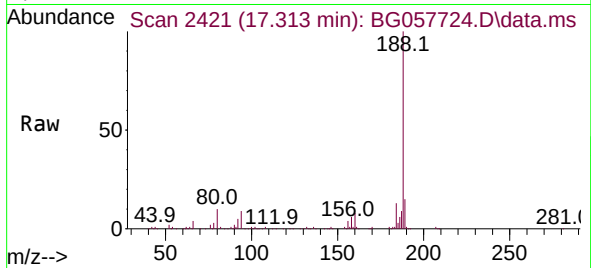




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.313 min Scan# 2422
Delta R.T. -0.006 min
Lab File: BG057724.D
Acq: 15 Jun 2023 14:39

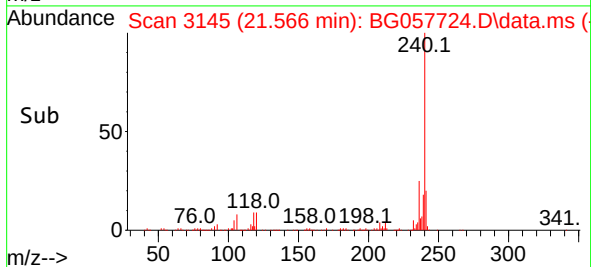
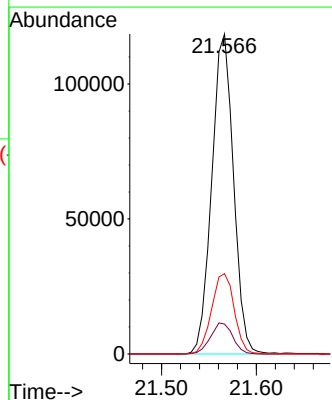
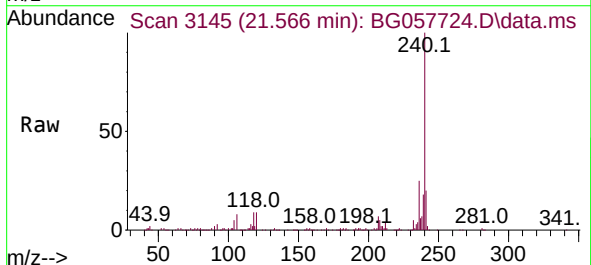
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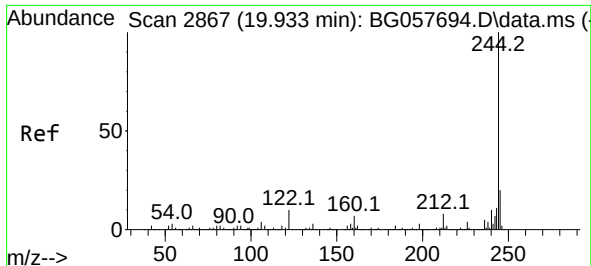
Tgt Ion:188 Resp: 188712
Ion Ratio Lower Upper
188 100
94 8.5 6.9 10.3
80 10.4 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.566 min Scan# 3145
Delta R.T. -0.006 min
Lab File: BG057724.D
Acq: 15 Jun 2023 14:39

Tgt Ion:240 Resp: 188520
Ion Ratio Lower Upper
240 100
120 9.4 8.1 12.1
236 25.1 20.7 31.1

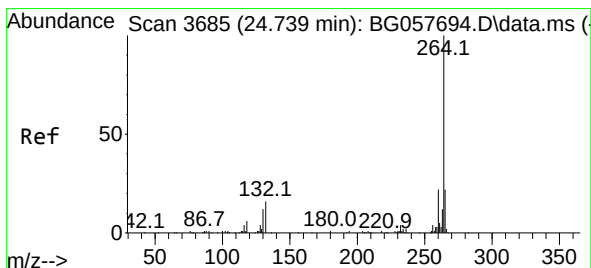
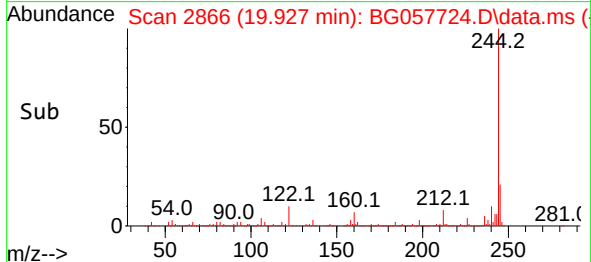
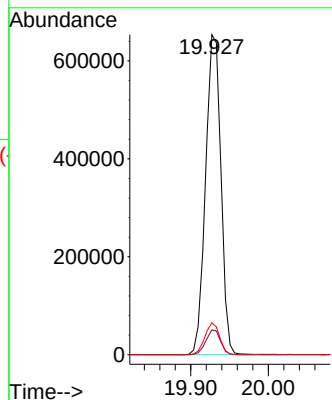
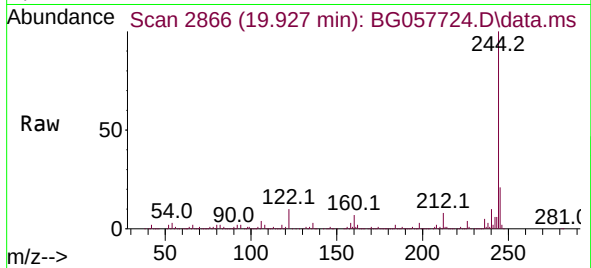




#79
 Terphenyl-d14
 Concen: 87.997 ng
 RT: 19.927 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG057724.D
 Acq: 15 Jun 2023 14:39

Instrument :
 BNA_G
 ClientSampleId :
 PNNL-B-0609-2

Tgt Ion:244 Resp: 897270
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.0 9.0
 122 10.0 7.7 11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.721 min Scan# 3682
 Delta R.T. -0.017 min
 Lab File: BG057724.D
 Acq: 15 Jun 2023 14:39

Tgt Ion:264 Resp: 230958
 Ion Ratio Lower Upper
 264 100
 260 21.9 17.3 25.9
 265 22.7 17.5 26.3

