

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083023\
 Data File : BG058902.D
 Acq On : 30 Aug 2023 19:24
 Operator : MA/JU
 Sample : 04196-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-345-COMP-02

Quant Time: Aug 31 01:40:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 01:27:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.759	152	15540	20.000	ng	0.00
21) Naphthalene-d8	10.556	136	61372	20.000	ng	# 0.00
39) Acenaphthene-d10	14.410	164	50085	20.000	ng	0.00
64) Phenanthrene-d10	17.160	188	129692	20.000	ng	# 0.00
76) Chrysene-d12	21.396	240	103563	20.000	ng	-0.01
86) Perylene-d12	24.434	264	121467	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.333	112	138862	143.800	ng	0.00
7) Phenol-d6	6.937	99	178091	131.448	ng	0.00
23) Nitrobenzene-d5	8.923	82	131735	103.199	ng	0.00
42) 2,4,6-Tribromophenol	15.909	330	136323	173.588	ng	0.00
45) 2-Fluorobiphenyl	13.030	172	334294	97.078	ng	0.00
79) Terphenyl-d14	19.786	244	664108	115.144	ng	0.00

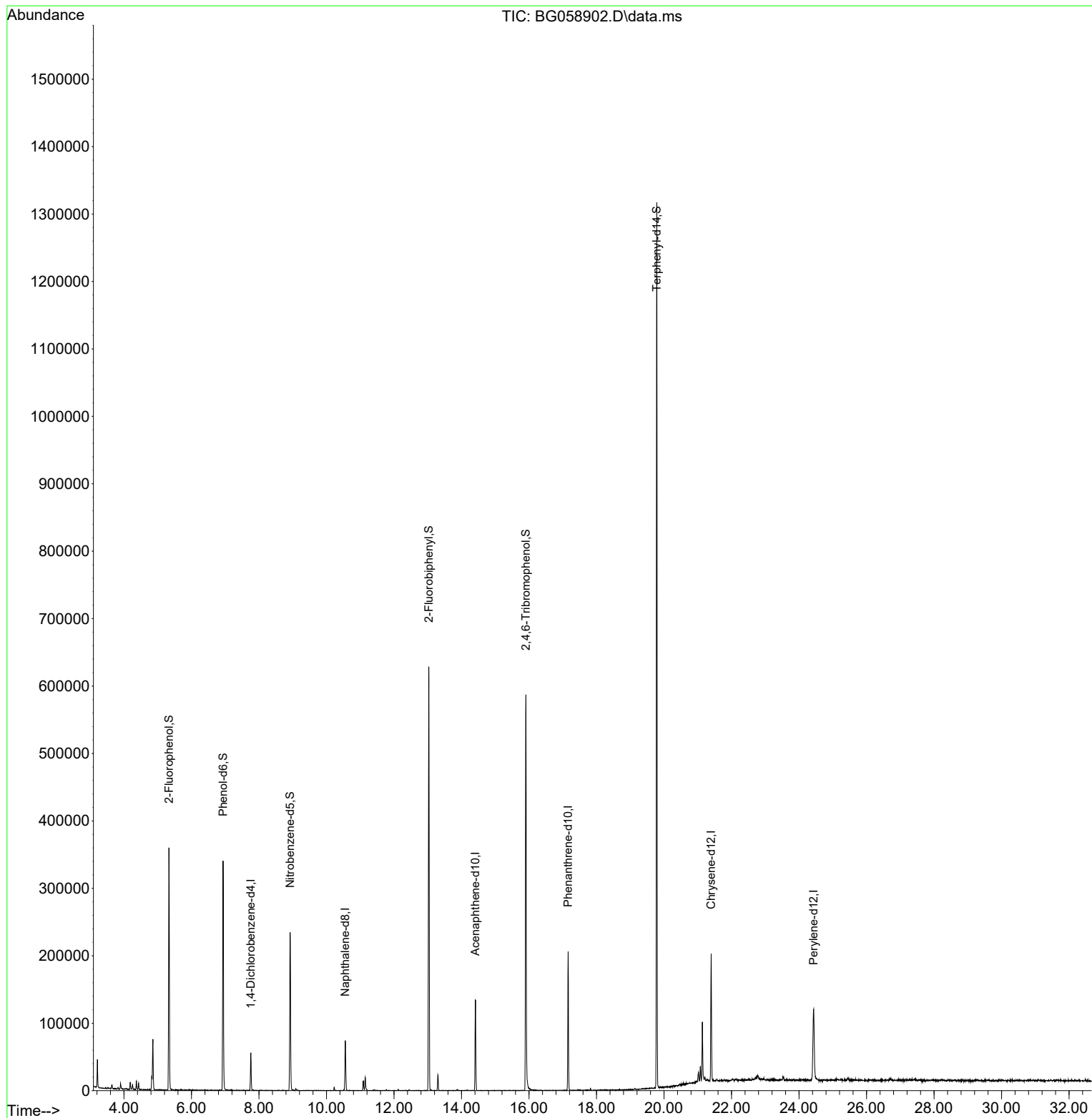
Target Compounds	Qvalue

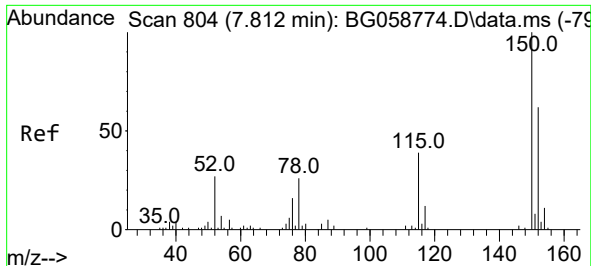
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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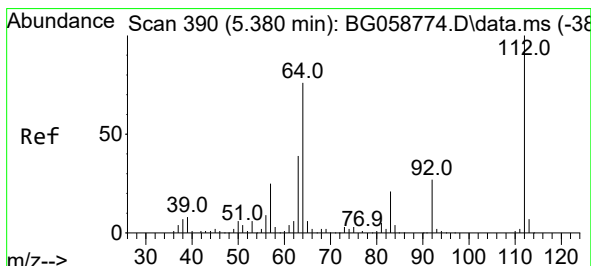
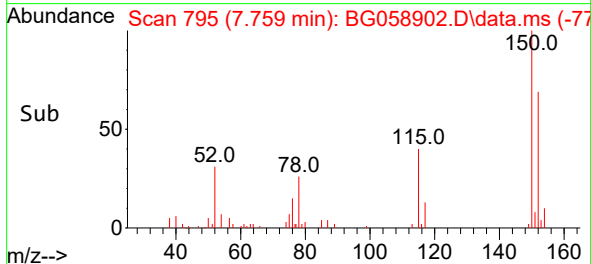
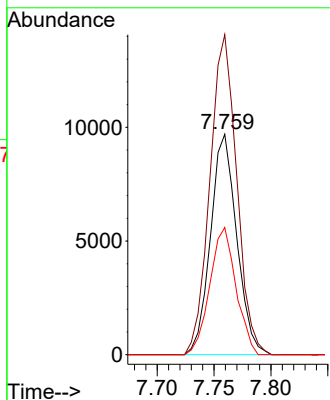
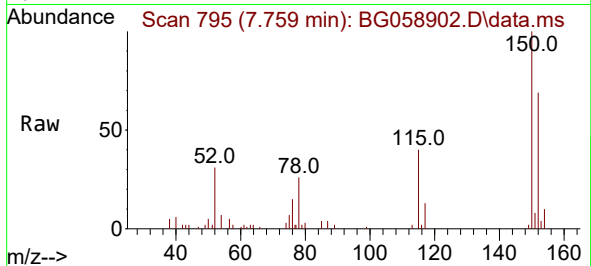




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.759 min Scan# 795
Delta R.T. 0.000 min
Lab File: BG058902.D
Acq: 30 Aug 2023 19:24

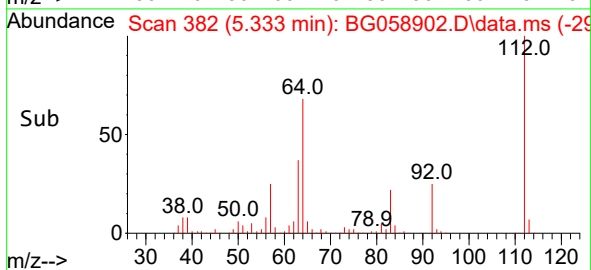
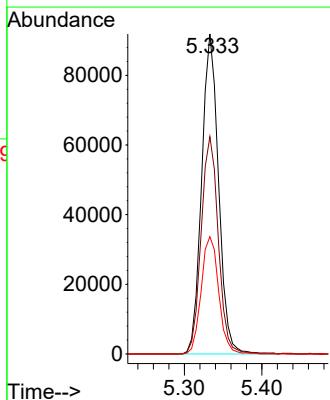
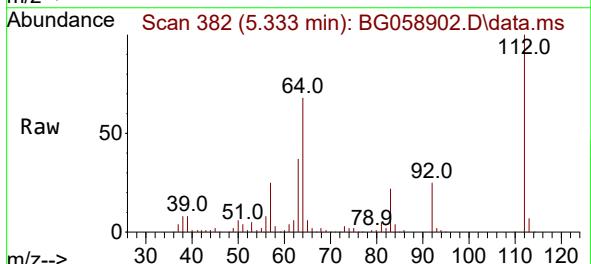
Instrument :
BNA_G
ClientSampleId :
OR-345-COMP-02

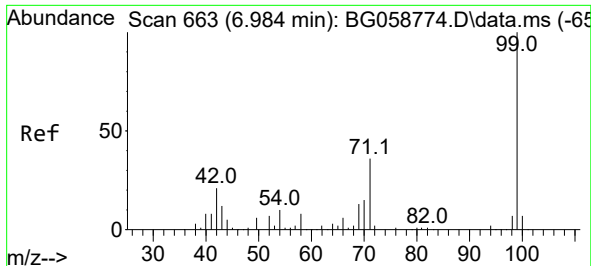
Tgt Ion:152 Resp: 15540
Ion Ratio Lower Upper
152 100
150 145.1 128.6 192.8
115 57.7 50.4 75.6



#5
2-Fluorophenol
Concen: 143.800 ng
RT: 5.333 min Scan# 382
Delta R.T. 0.006 min
Lab File: BG058902.D
Acq: 30 Aug 2023 19:24

Tgt Ion:112 Resp: 138862
Ion Ratio Lower Upper
112 100
64 67.9 60.6 90.8
63 36.7 31.0 46.4

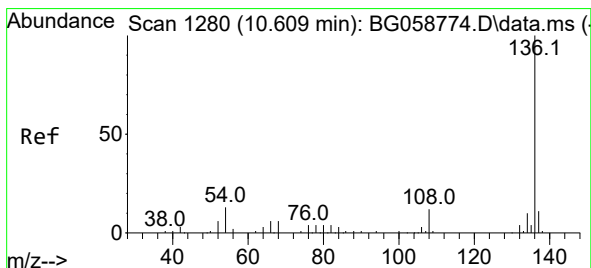
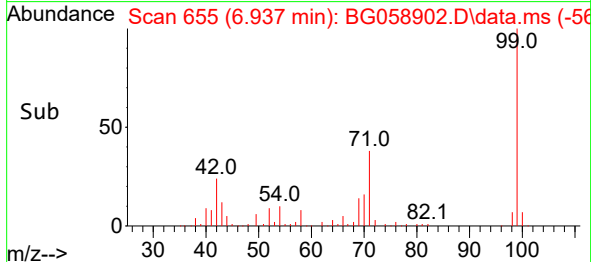
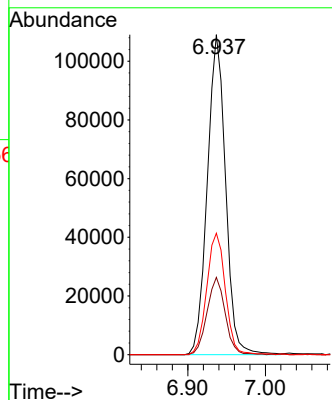
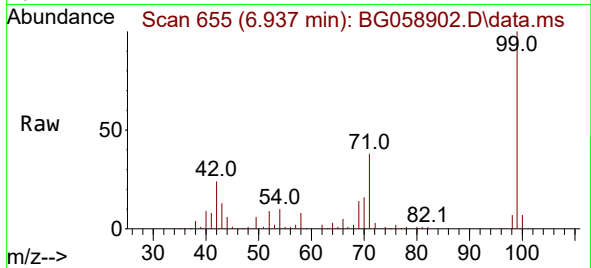




#7
Phenol-d6
Concen: 131.448 ng
RT: 6.937 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG058902.D
Acq: 30 Aug 2023 19:24

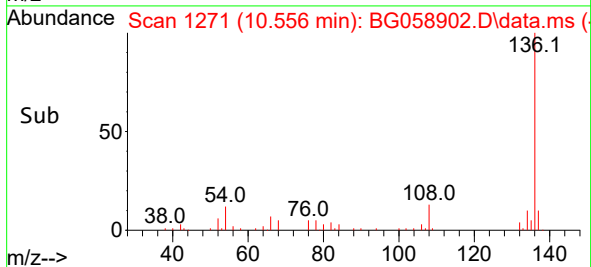
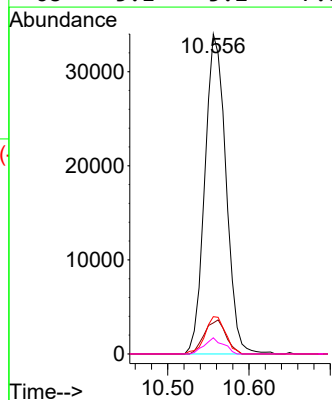
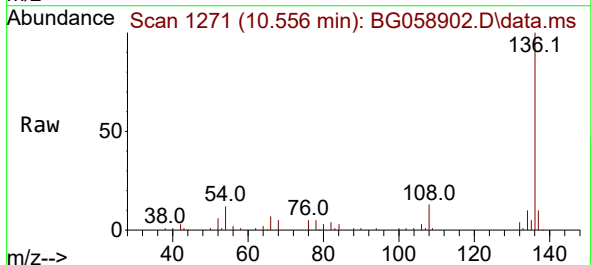
Instrument :
BNA_G
ClientSampleId :
OR-345-COMP-02

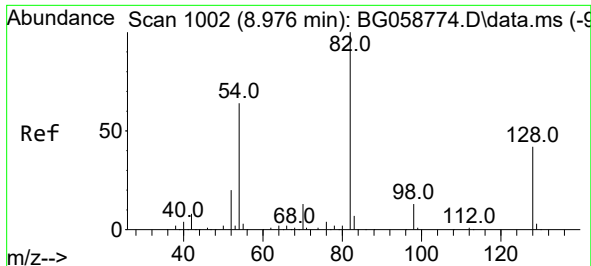
Tgt Ion: 99 Resp: 178091
Ion Ratio Lower Upper
99 100
42 24.1 16.5 24.7
71 38.0 28.4 42.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.556 min Scan# 1271
Delta R.T. -0.005 min
Lab File: BG058902.D
Acq: 30 Aug 2023 19:24

Tgt Ion: 136 Resp: 61372
Ion Ratio Lower Upper
136 100
137 9.7 8.7 13.1
54 11.7 10.1 15.1
68 5.1 5.2 7.8#

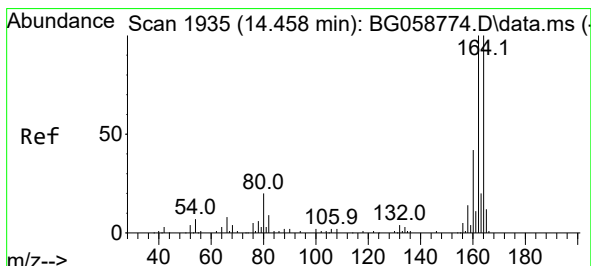
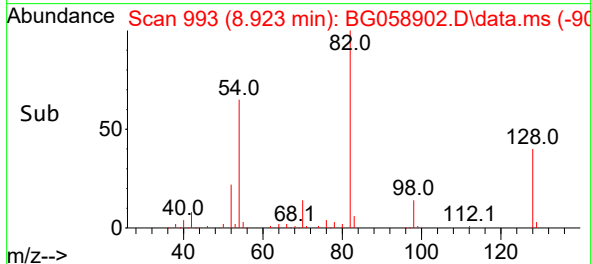
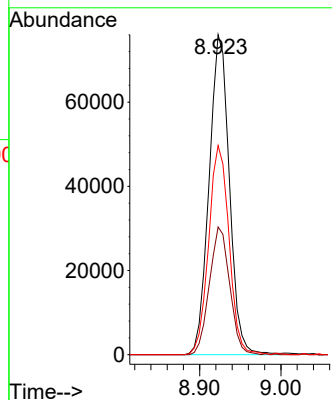
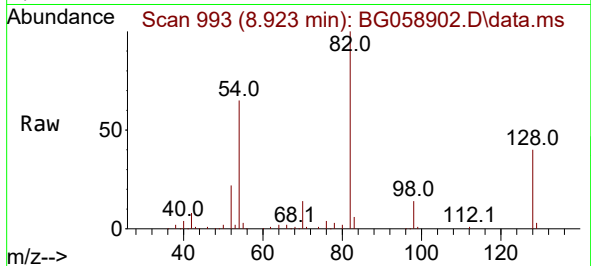




#23
Nitrobenzene-d5
Concen: 103.199 ng
RT: 8.923 min Scan# 91
Delta R.T. -0.005 min
Lab File: BG058902.D
Acq: 30 Aug 2023 19:24

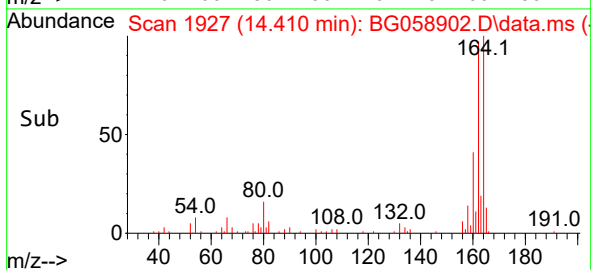
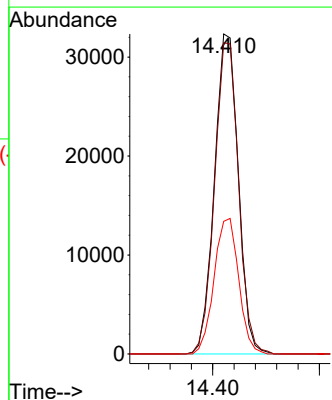
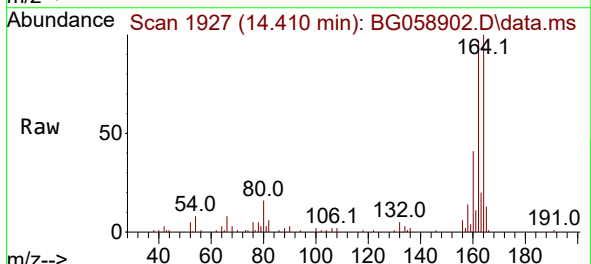
Instrument :
BNA_G
ClientSampleId :
OR-345-COMP-02

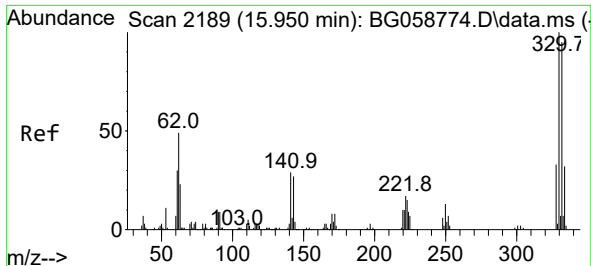
Tgt Ion: 82 Resp: 131735
Ion Ratio Lower Upper
82 100
128 39.9 33.2 49.8
54 65.3 51.2 76.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1927
Delta R.T. -0.005 min
Lab File: BG058902.D
Acq: 30 Aug 2023 19:24

Tgt Ion:164 Resp: 50085
Ion Ratio Lower Upper
164 100
162 97.3 79.6 119.4
160 41.5 34.0 51.0

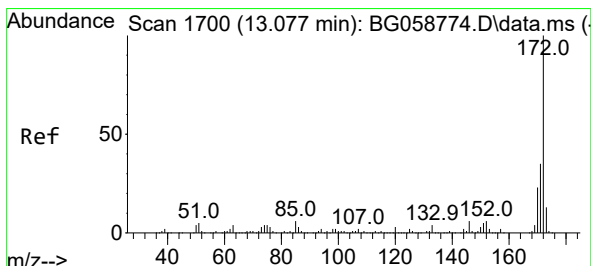
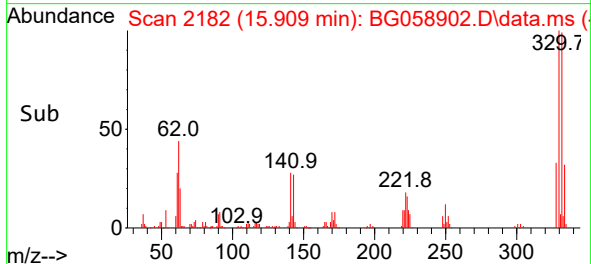
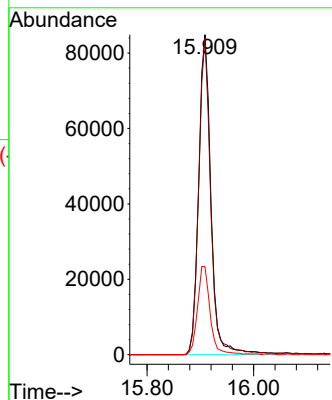
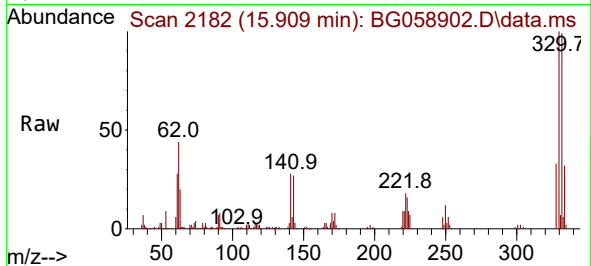




#42
2,4,6-Tribromophenol
Concen: 173.588 ng
RT: 15.909 min Scan# 2189
Delta R.T. -0.005 min
Lab File: BG058902.D
Acq: 30 Aug 2023 19:24

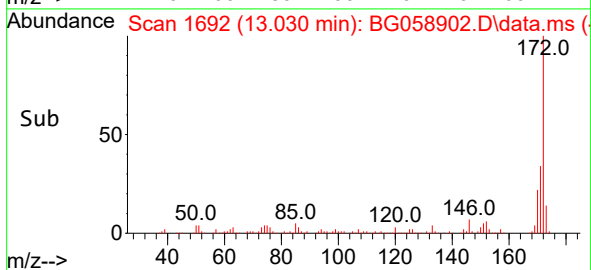
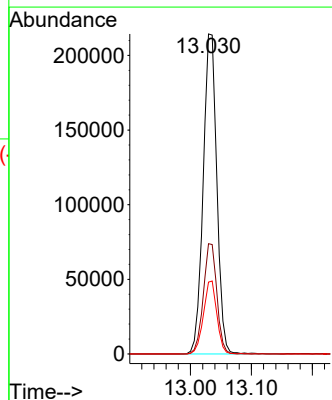
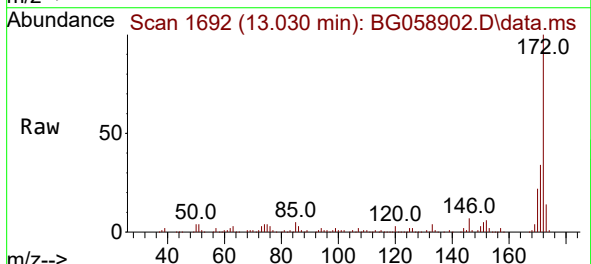
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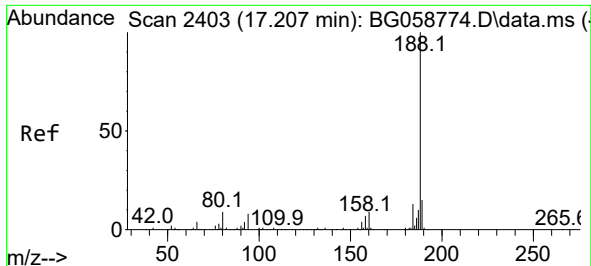
Tgt Ion:330 Resp: 136323
Ion Ratio Lower Upper
330 100
332 95.3 78.5 117.7
141 28.0 23.0 34.6



#45
2-Fluorobiphenyl
Concen: 97.078 ng
RT: 13.030 min Scan# 1692
Delta R.T. -0.005 min
Lab File: BG058902.D
Acq: 30 Aug 2023 19:24

Tgt Ion:172 Resp: 334294
Ion Ratio Lower Upper
172 100
171 34.5 28.1 42.1
170 22.4 18.6 27.8

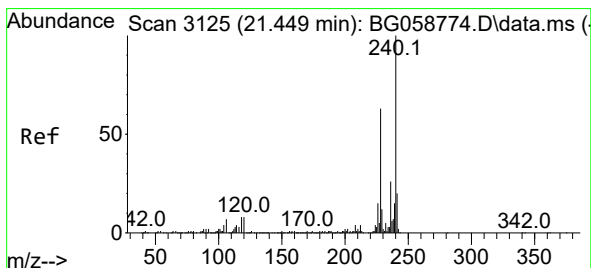
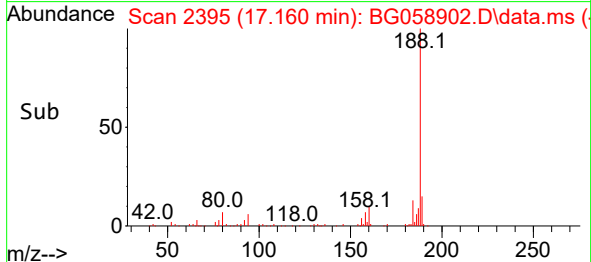
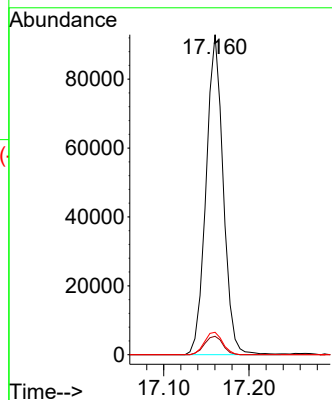
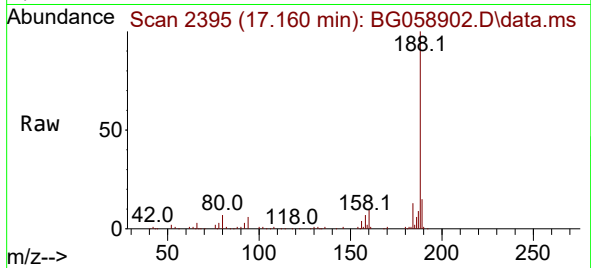




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.160 min Scan# 2116
Delta R.T. -0.005 min
Lab File: BG058902.D
Acq: 30 Aug 2023 19:24

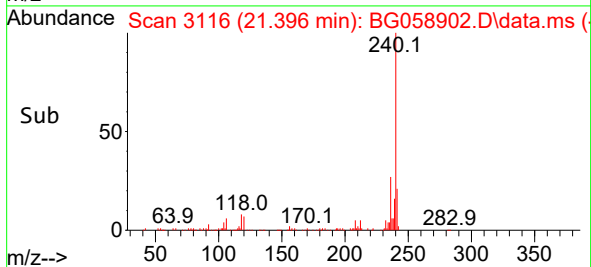
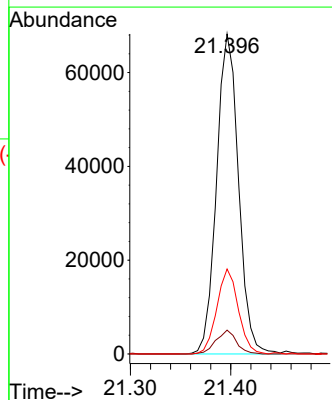
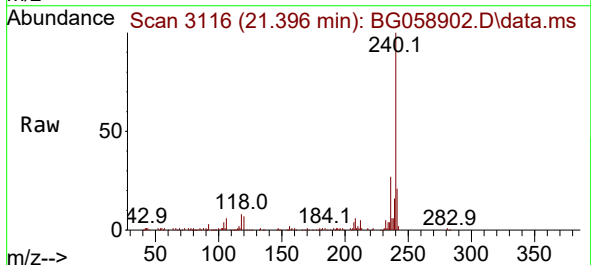
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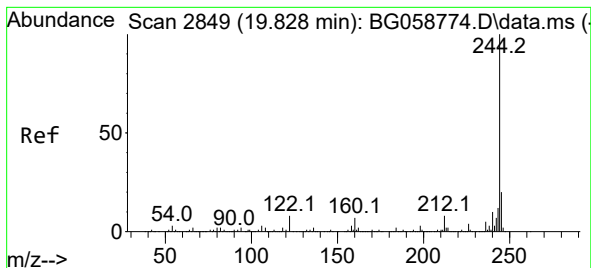
Tgt Ion:188 Resp: 129692
Ion Ratio Lower Upper
188 100
94 5.8 6.1 9.1#
80 7.0 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.396 min Scan# 3116
Delta R.T. -0.011 min
Lab File: BG058902.D
Acq: 30 Aug 2023 19:24

Tgt Ion:240 Resp: 103563
Ion Ratio Lower Upper
240 100
120 7.5 6.2 9.2
236 26.6 20.5 30.7





#79

Terphenyl-d14

Concen: 115.144 ng

RT: 19.786 min Scan# 2842

Delta R.T. -0.005 min

Lab File: BG058902.D

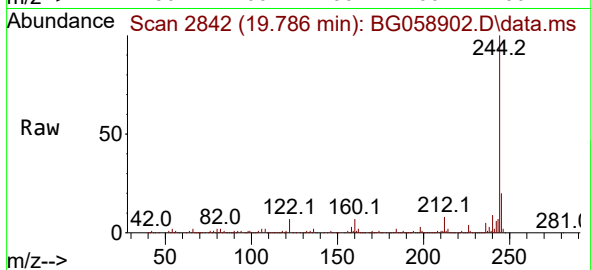
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Instrument :

BNA_G

ClientSampleId :

OR-345-COMP-02



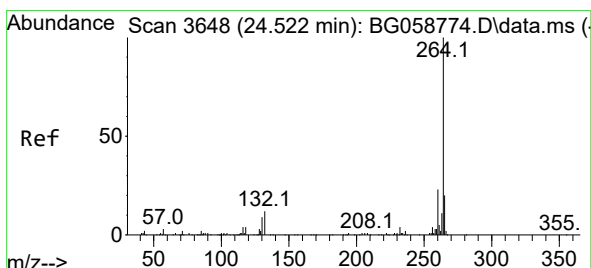
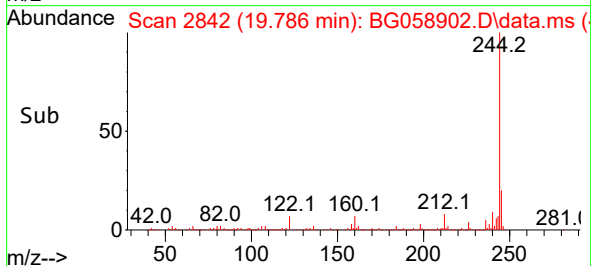
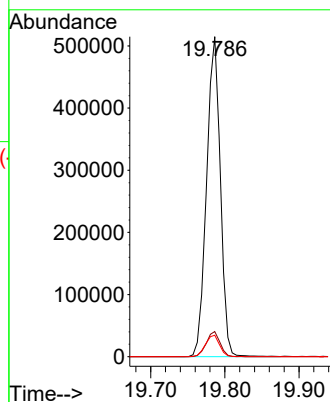
Tgt Ion:244 Resp: 664108

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

122 6.7 6.3 9.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.434 min Scan# 3633

Delta R.T. -0.005 min

Lab File: BG058902.D

Acq: 30 Aug 2023 19:24

Tgt Ion:264 Resp: 121467

Ion Ratio Lower Upper

264 100

260 23.8 18.2 27.2

265 21.9 16.4 24.6

