

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121422\
 Data File : BG055960.D
 Acq On : 14 Dec 2022 15:22
 Operator : CG/JU
 Sample : N5993-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AOC1-E5

Quant Time: Dec 15 00:49:57 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 14 02:24:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.371	152	6044	20.000	ng	0.00
21) Naphthalene-d8	11.203	136	22767	20.000	ng	# 0.00
39) Acenaphthene-d10	14.975	164	20386	20.000	ng	0.00
64) Phenanthrene-d10	17.713	188	62231	20.000	ng	# 0.00
76) Chrysene-d12	22.019	240	70709	20.000	ng	0.00
86) Perylene-d12	25.515	264	86682	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.885	112	32785	127.212	ng	0.00
7) Phenol-d6	7.495	99	40757	122.960	ng	0.00
23) Nitrobenzene-d5	9.540	82	24357	74.763	ng	0.00
42) 2,4,6-Tribromophenol	16.455	330	64030	130.257	ng	0.00
45) 2-Fluorobiphenyl	13.606	172	106234	73.085	ng	0.00
79) Terphenyl-d14	20.292	244	317664	79.401	ng	0.00

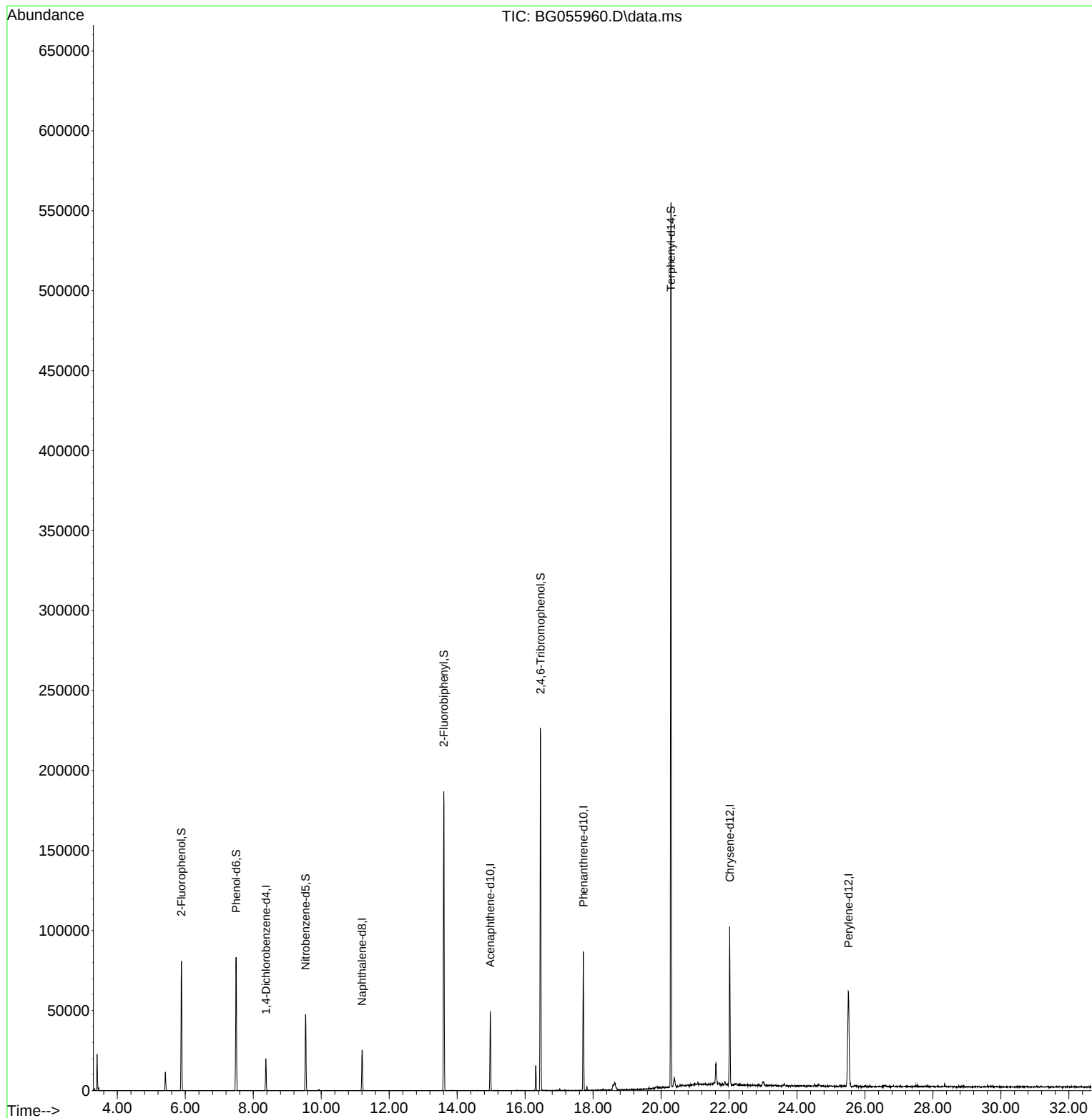
Target Compounds	Qvalue

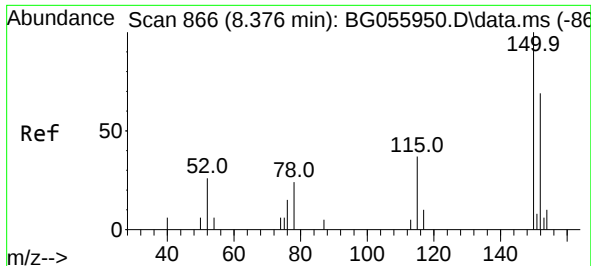
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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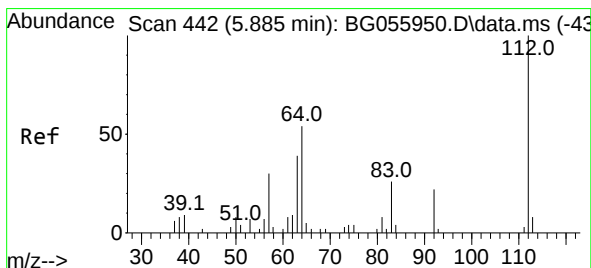
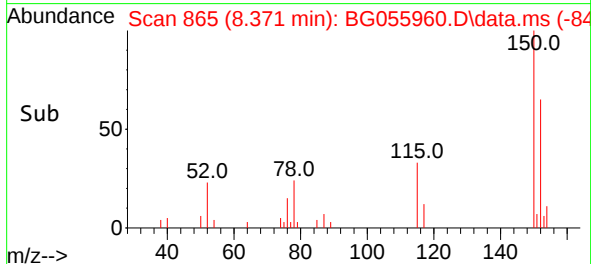
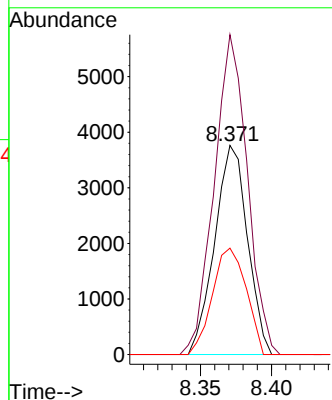
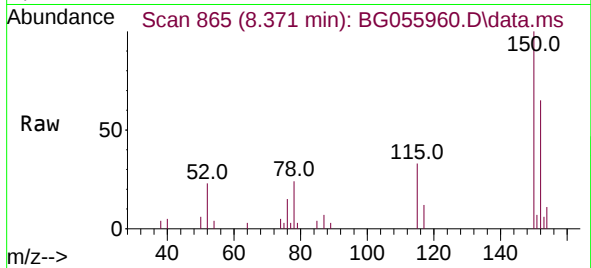




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.371 min Scan# 866
Delta R.T. -0.005 min
Lab File: BG055960.D
Acq: 14 Dec 2022 15:22

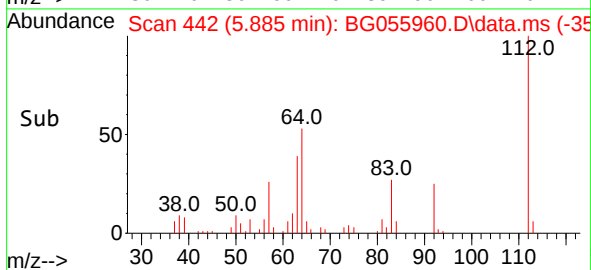
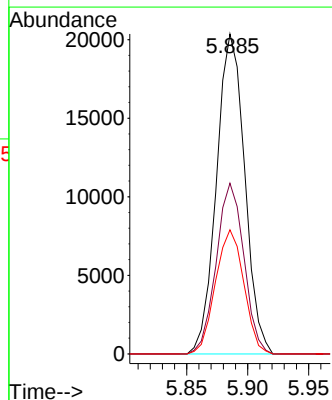
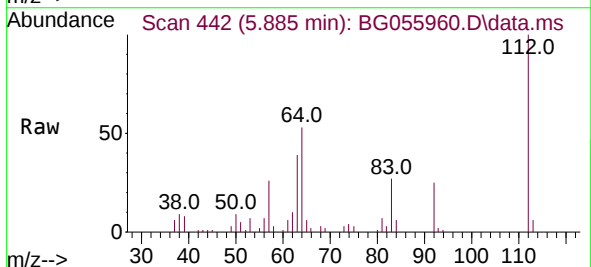
Instrument :
BNA_G
ClientSampleId :
AOC1-E5

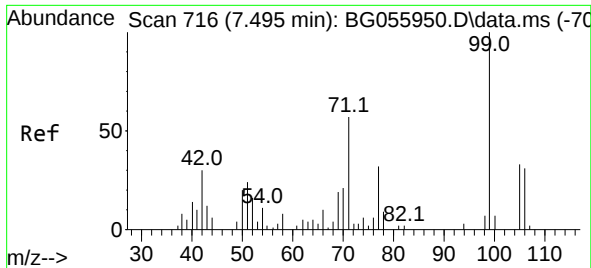
Tgt Ion:152 Resp: 6044
Ion Ratio Lower Upper
152 100
150 152.9 115.7 173.5
115 50.9 43.0 64.4



#5
2-Fluorophenol
Concen: 127.212 ng
RT: 5.885 min Scan# 442
Delta R.T. 0.000 min
Lab File: BG055960.D
Acq: 14 Dec 2022 15:22

Tgt Ion:112 Resp: 32785
Ion Ratio Lower Upper
112 100
64 53.3 43.0 64.4
63 38.8 31.4 47.2

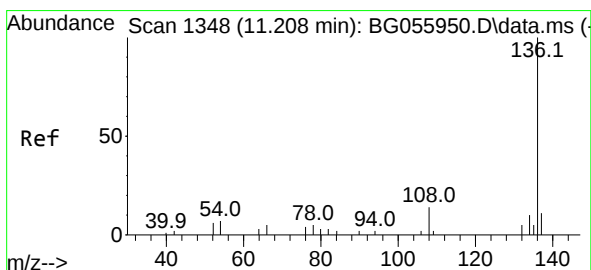
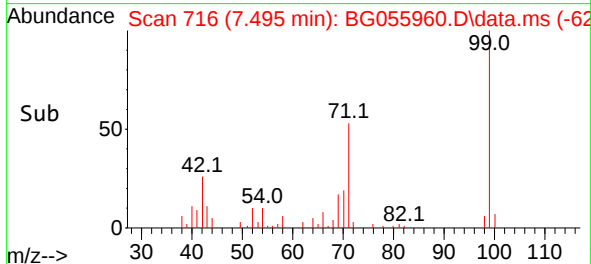
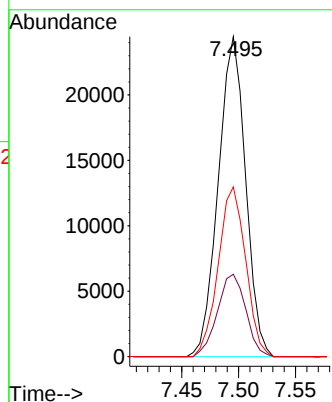
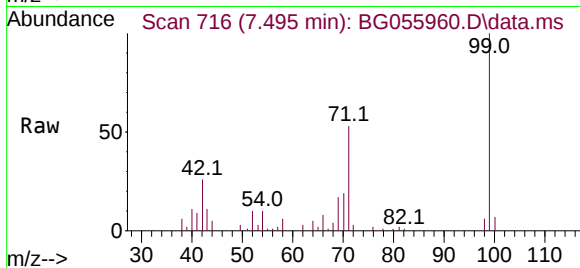




#7
Phenol-d6
Concen: 122.960 ng
RT: 7.495 min Scan# 716
Delta R.T. 0.000 min
Lab File: BG055960.D
Acq: 14 Dec 2022 15:22

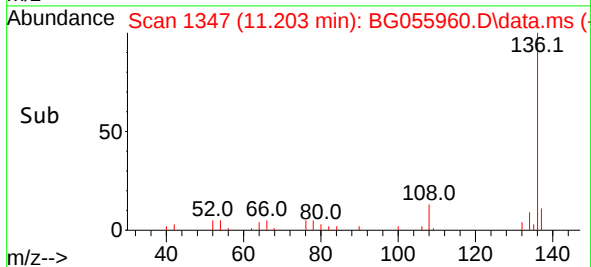
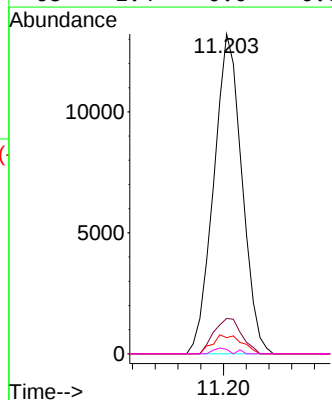
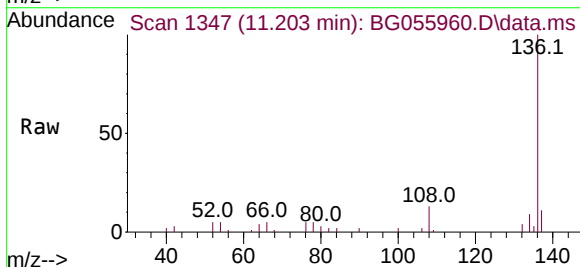
Instrument :
BNA_G
ClientSampleId :
AOC1-E5

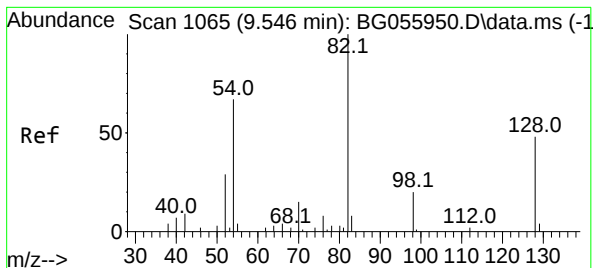
Tgt Ion:	99	Resp:	40757
Ion	Ratio	Lower	Upper
99	100		
42	25.7	24.3	36.5
71	53.0	45.6	68.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.203 min Scan# 1347
Delta R.T. -0.006 min
Lab File: BG055960.D
Acq: 14 Dec 2022 15:22

Tgt Ion:	136	Resp:	22767
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	5.1	5.6	8.4#
68	1.4	0.0	0.0#





#23

Nitrobenzene-d5

Concen: 74.763 ng

RT: 9.540 min Scan# 1065

Delta R.T. -0.006 min

Lab File: BG055960.D

Acq: 14 Dec 2022 15:22

Instrument :

BNA_G

ClientSampleId :

AOC1-E5

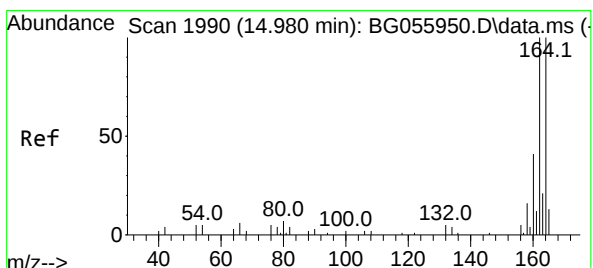
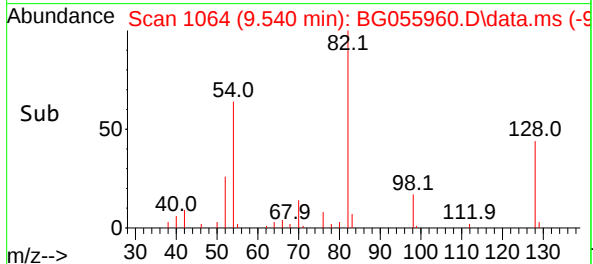
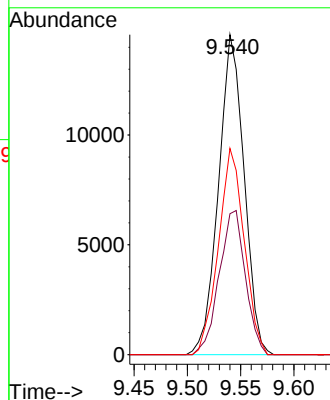
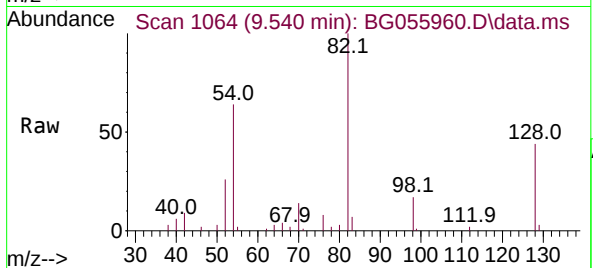
Tgt Ion: 82 Resp: 24357

Ion Ratio Lower Upper

82 100

128 44.0 38.4 57.6

54 64.4 53.3 79.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.975 min Scan# 1989

Delta R.T. -0.006 min

Lab File: BG055960.D

Acq: 14 Dec 2022 15:22

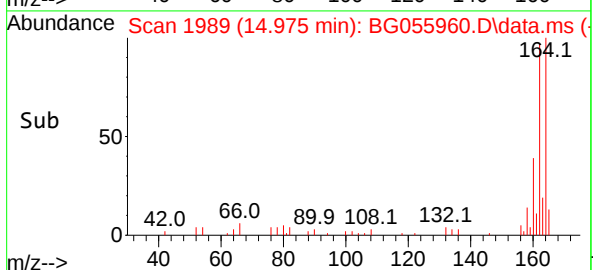
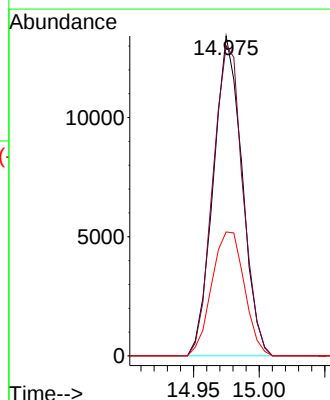
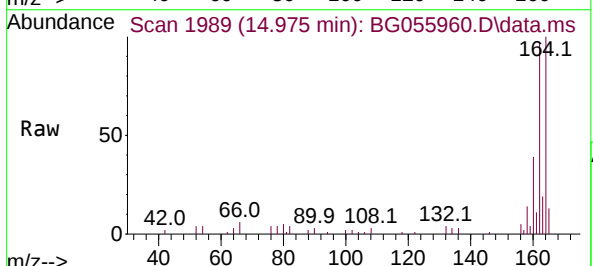
Tgt Ion:164 Resp: 20386

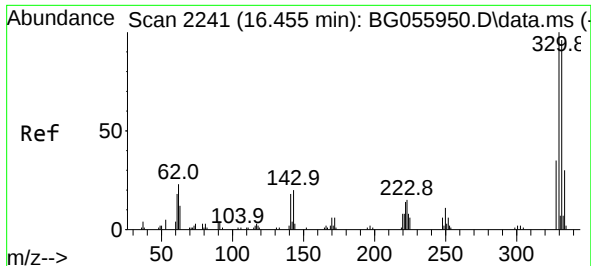
Ion Ratio Lower Upper

164 100

162 96.9 79.8 119.8

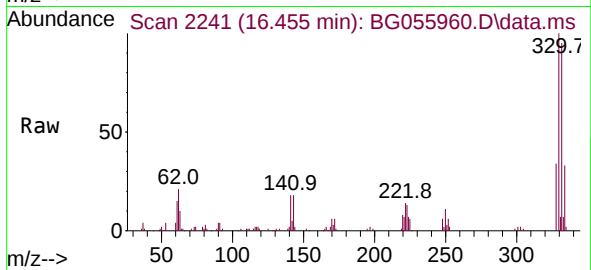
160 38.7 33.0 49.4



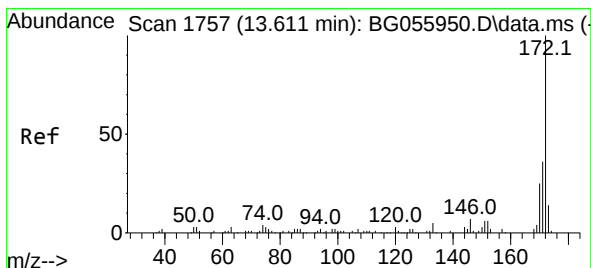
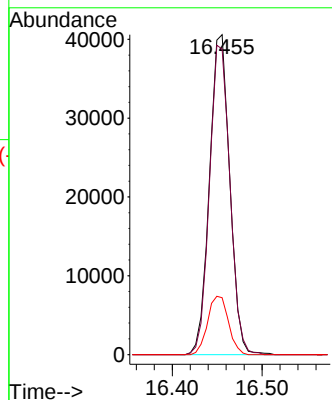
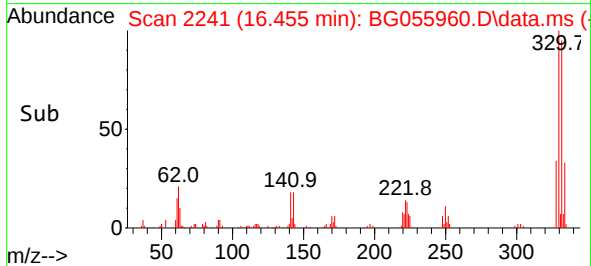


#42
2,4,6-Tribromophenol
Concen: 130.257 ng
RT: 16.455 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG055960.D
Acq: 14 Dec 2022 15:22

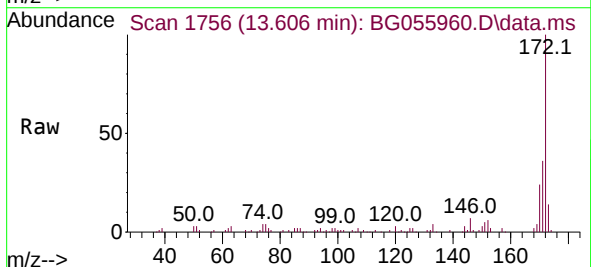
Instrument :
BNA_G
ClientSampleId :
AOC1-E5



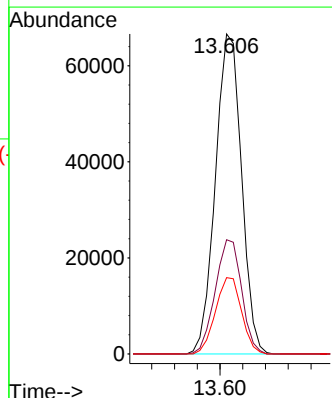
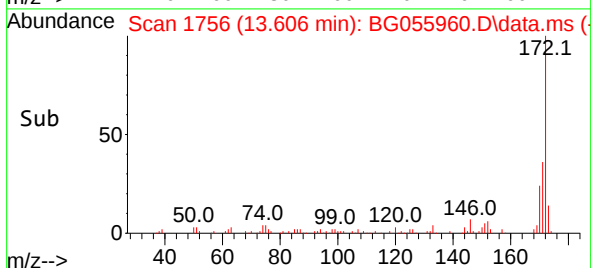
Tgt Ion:330 Resp: 64030
Ion Ratio Lower Upper
330 100
332 97.3 76.6 114.8
141 18.7 15.0 22.4

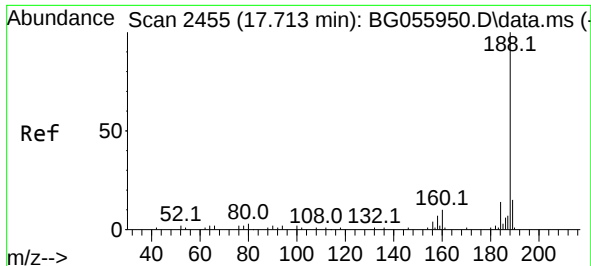


#45
2-Fluorobiphenyl
Concen: 73.085 ng
RT: 13.606 min Scan# 1756
Delta R.T. -0.006 min
Lab File: BG055960.D
Acq: 14 Dec 2022 15:22



Tgt Ion:172 Resp: 106234
Ion Ratio Lower Upper
172 100
171 35.7 28.6 42.8
170 23.8 19.9 29.9

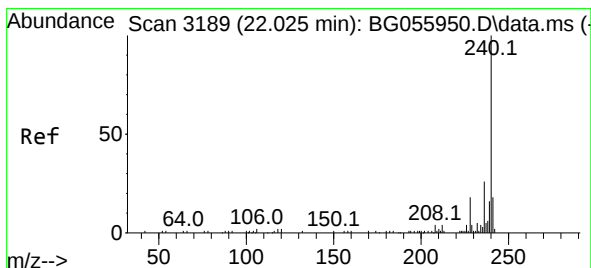
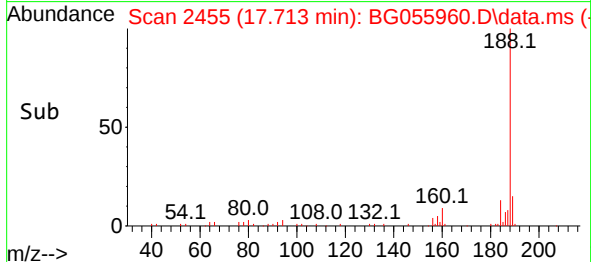
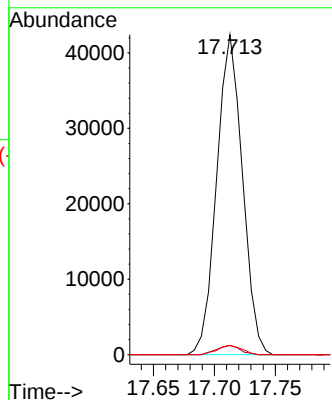
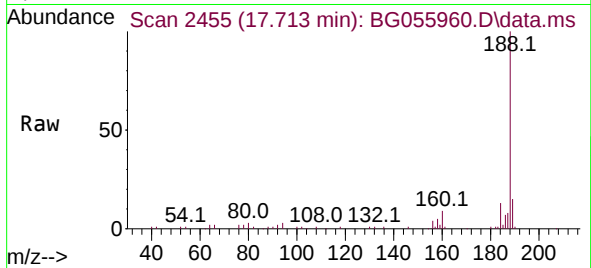




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.713 min Scan# 2455
Delta R.T. 0.000 min
Lab File: BG055960.D
Acq: 14 Dec 2022 15:22

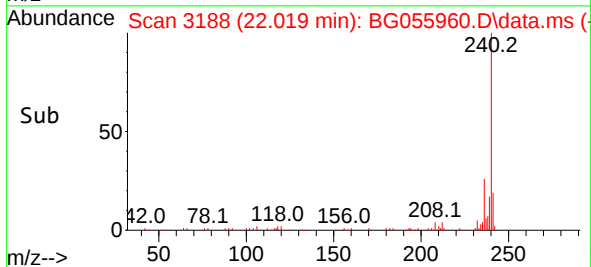
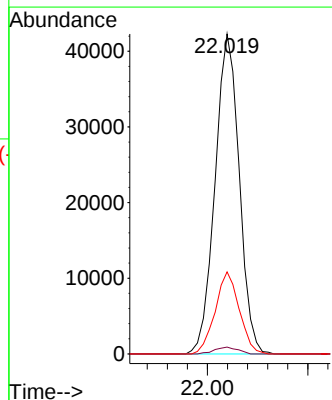
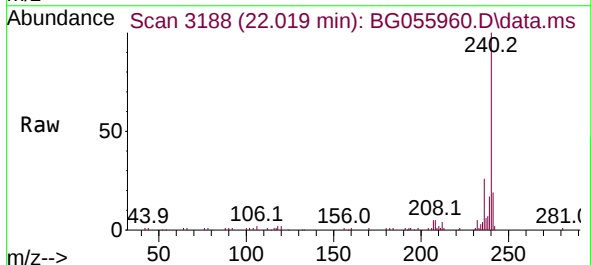
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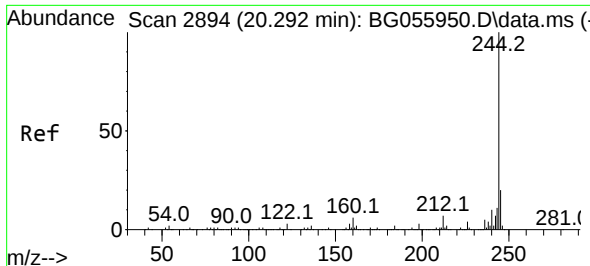
Tgt Ion:188 Resp: 62231
Ion Ratio Lower Upper
188 100
94 2.8 1.8 2.8#
80 2.9 2.4 3.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.019 min Scan# 3188
Delta R.T. -0.006 min
Lab File: BG055960.D
Acq: 14 Dec 2022 15:22

Tgt Ion:240 Resp: 70709
Ion Ratio Lower Upper
240 100
120 2.1 1.7 2.5
236 25.7 21.1 31.7

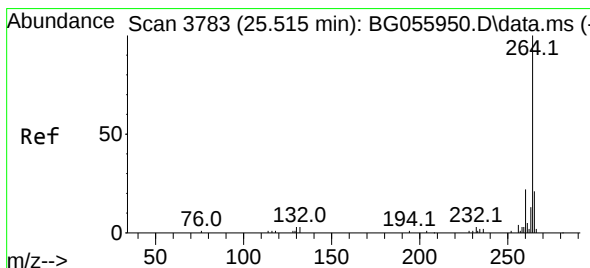
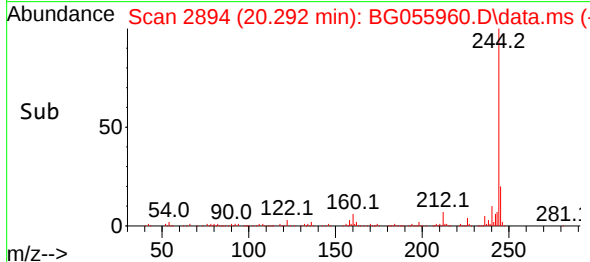
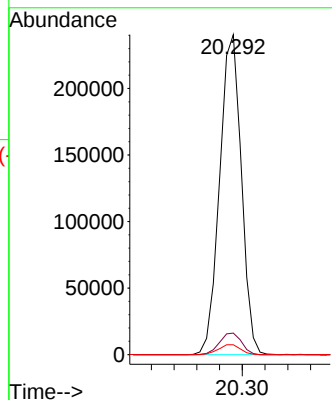
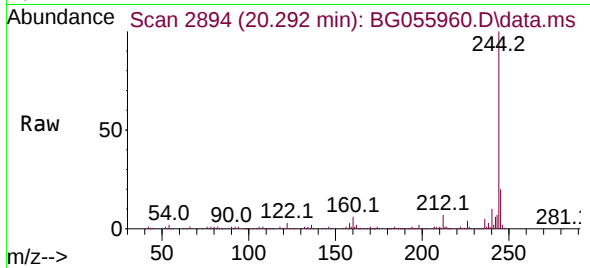




#79
 Terphenyl-d14
 Concen: 79.401 ng
 RT: 20.292 min Scan# 2894
 Delta R.T. 0.000 min
 Lab File: BG055960.D
 Acq: 14 Dec 2022 15:22

Instrument :
 BNA_G
 ClientSampleId :
 AOC1-E5

Tgt Ion:244 Resp: 317664
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.8 8.6
 122 3.1 2.5 3.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.515 min Scan# 3783
 Delta R.T. 0.000 min
 Lab File: BG055960.D
 Acq: 14 Dec 2022 15:22

Tgt Ion:264 Resp: 86682
 Ion Ratio Lower Upper
 264 100
 260 23.6 17.8 26.8
 265 20.5 16.6 25.0

