

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122022\
 Data File : BG056032.D
 Acq On : 20 Dec 2022 16:24
 Operator : CG/JU
 Sample : N6110-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-SAMPLE-TANK-10-13-14-15-17

Quant Time: Dec 21 02:37:35 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 21 01:11:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.369	152	10876	20.000	ng	0.00
21) Naphthalene-d8	11.201	136	42834	20.000	ng	# 0.00
39) Acenaphthene-d10	14.973	164	33760	20.000	ng	0.00
64) Phenanthrene-d10	17.711	188	83455	20.000	ng	0.00
76) Chrysene-d12	22.012	240	88501	20.000	ng	0.00
86) Perylene-d12	25.502	264	104314	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.884	112	23139	49.894	ng	0.00
7) Phenol-d6	7.494	99	20345	34.110	ng	0.00
23) Nitrobenzene-d5	9.538	82	58189	94.933	ng	0.00
42) 2,4,6-Tribromophenol	16.454	330	91793	112.760	ng	0.00
45) 2-Fluorobiphenyl	13.604	172	210638	87.505	ng	0.00
79) Terphenyl-d14	20.279	244	229446	45.821	ng	0.00

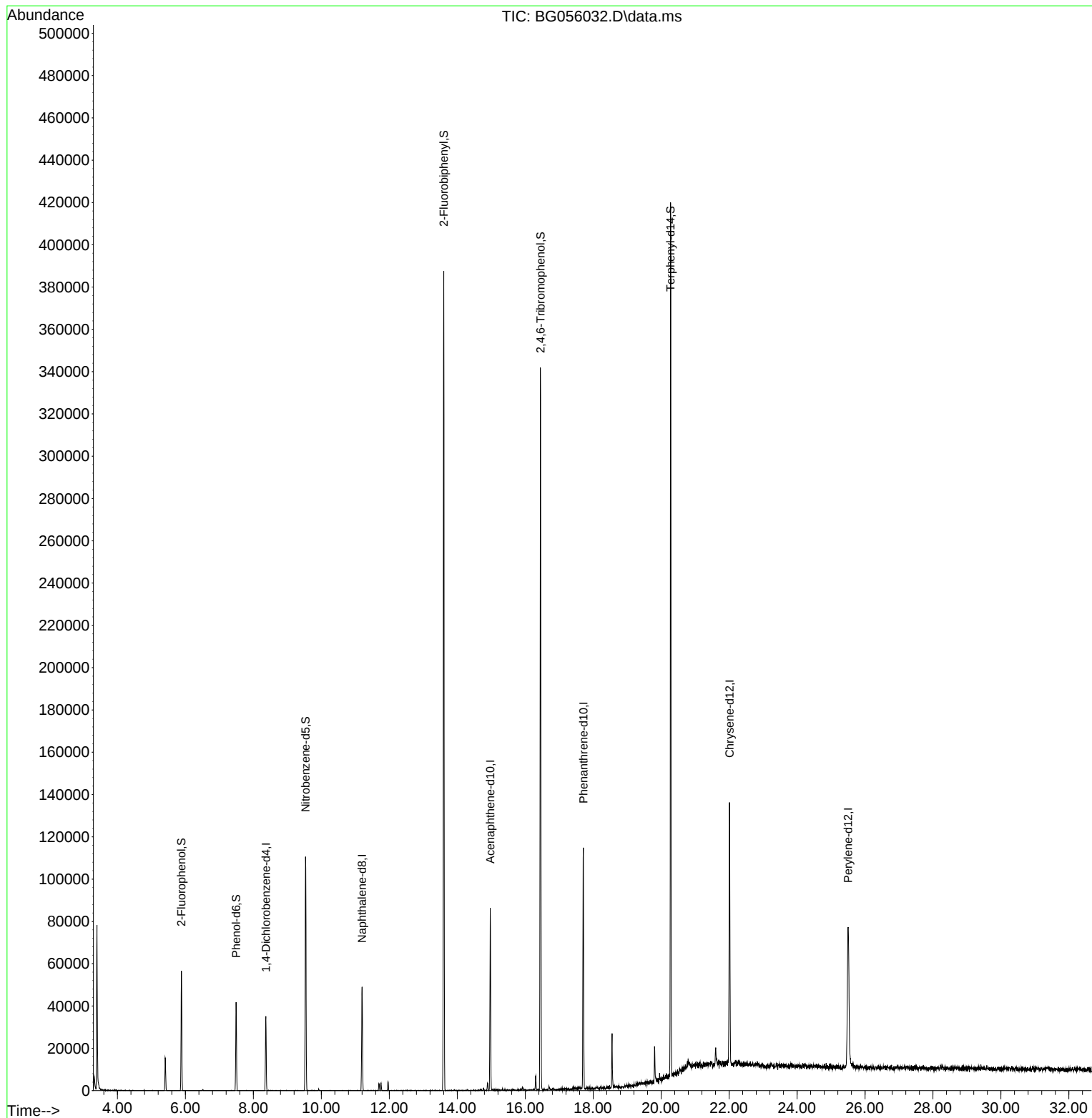
Target Compounds Qvalue

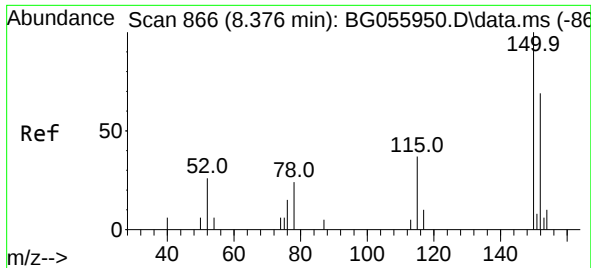
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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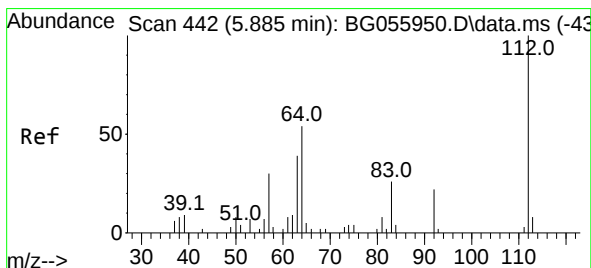
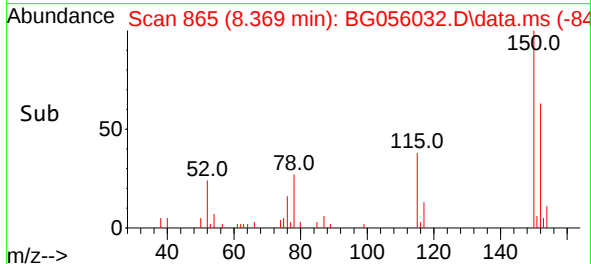
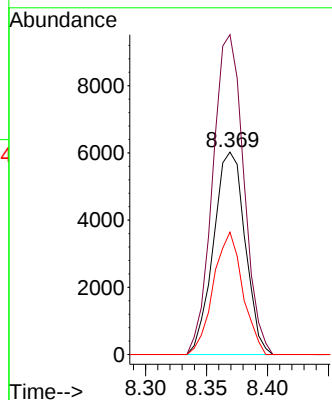
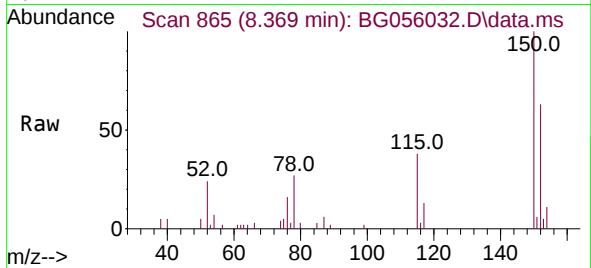




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.369 min Scan# 866
Delta R.T. 0.004 min
Lab File: BG056032.D
Acq: 20 Dec 2022 16:24

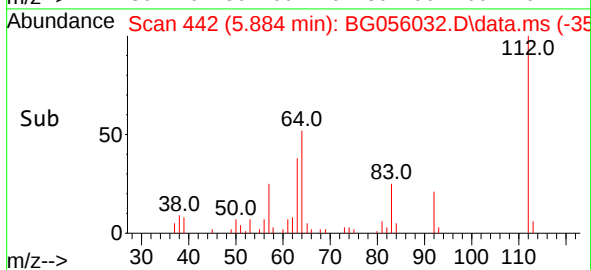
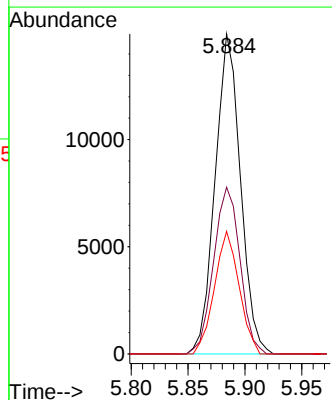
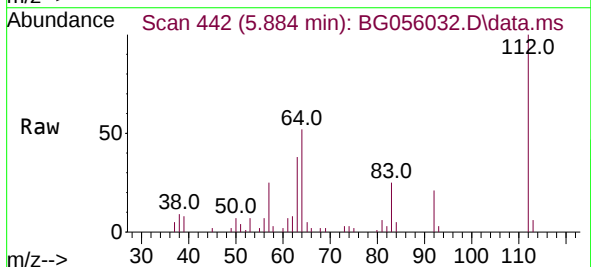
Instrument :
BNA_G
ClientSampleId :
COMP-SAMPLE-TANK-10-13-14-15-17

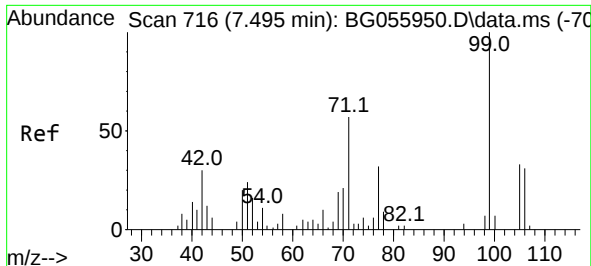
Tgt Ion:152 Resp: 10876
Ion Ratio Lower Upper
152 100
150 158.1 115.7 173.5
115 60.5 43.0 64.4



#5
2-Fluorophenol
Concen: 49.894 ng
RT: 5.884 min Scan# 442
Delta R.T. 0.004 min
Lab File: BG056032.D
Acq: 20 Dec 2022 16:24

Tgt Ion:112 Resp: 23139
Ion Ratio Lower Upper
112 100
64 52.1 43.0 64.4
63 38.3 31.4 47.2

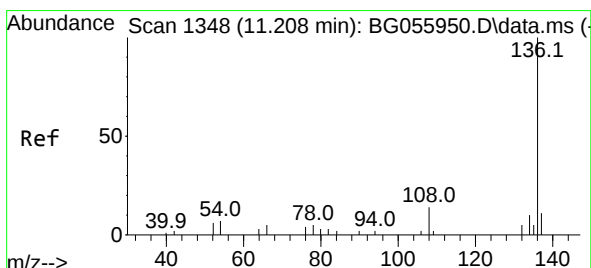
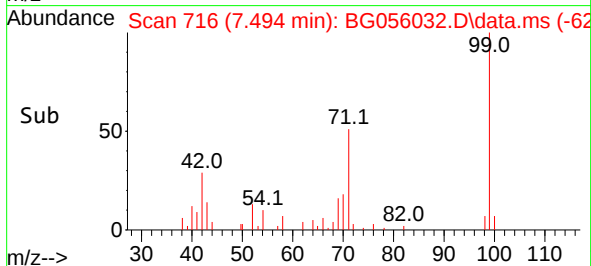
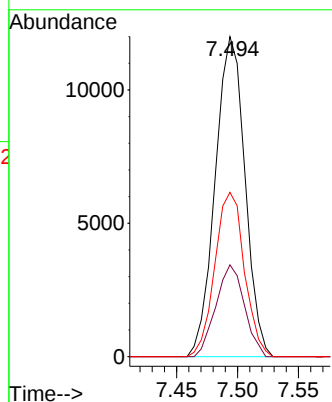
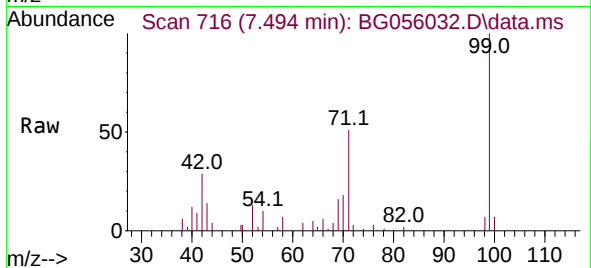




#7
Phenol-d6
Concen: 34.110 ng
RT: 7.494 min Scan# 716
Delta R.T. -0.002 min
Lab File: BG056032.D
Acq: 20 Dec 2022 16:24

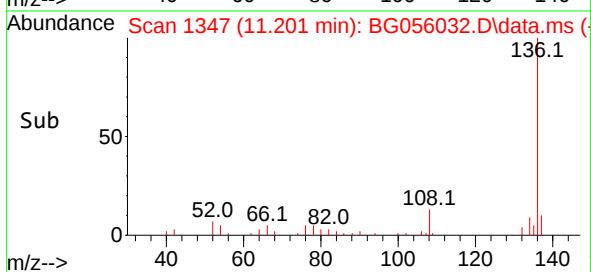
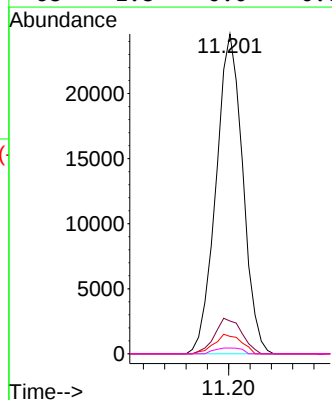
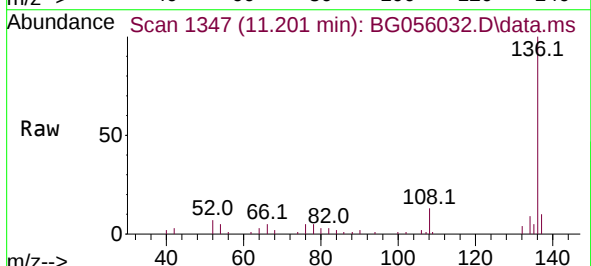
Instrument :
BNA_G
ClientSampleId :
COMP-SAMPLE-TANK-10-13-14-15-17

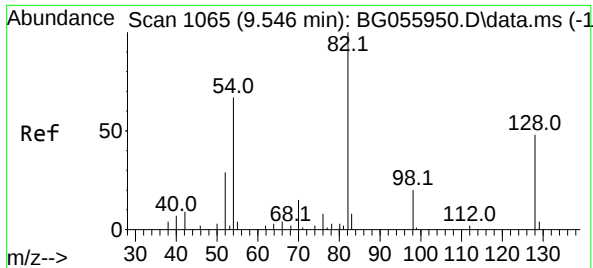
Tgt Ion: 99 Resp: 20345
Ion Ratio Lower Upper
99 100
42 28.7 24.3 36.5
71 51.3 45.6 68.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.201 min Scan# 1347
Delta R.T. 0.004 min
Lab File: BG056032.D
Acq: 20 Dec 2022 16:24

Tgt Ion:136 Resp: 42834
Ion Ratio Lower Upper
136 100
137 10.3 9.2 13.8
54 5.5 5.6 8.4#
68 1.8 0.0 0.0#

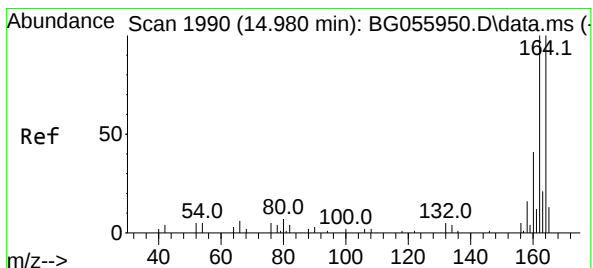
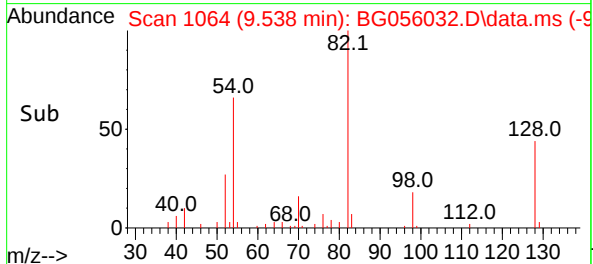
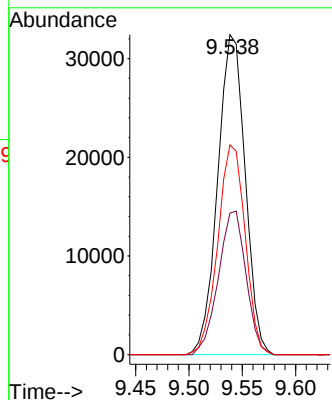
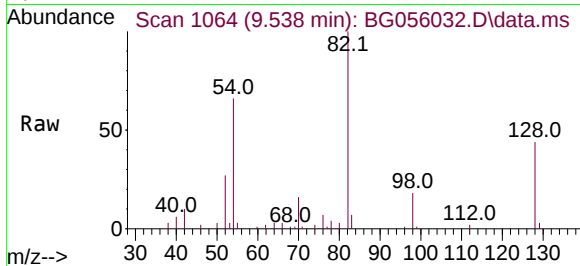




#23
Nitrobenzene-d5
Concen: 94.933 ng
RT: 9.538 min Scan# 1064
Delta R.T. -0.002 min
Lab File: BG056032.D
Acq: 20 Dec 2022 16:24

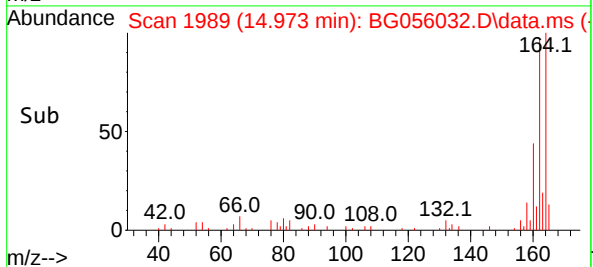
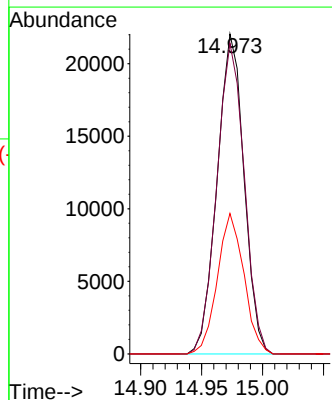
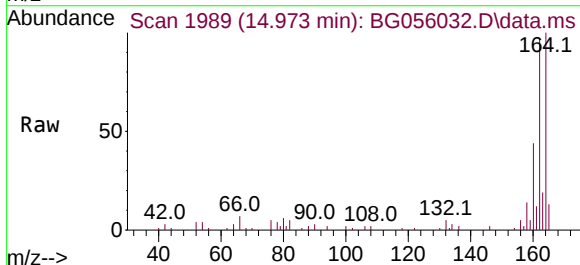
Instrument :
BNA_G
ClientSampleId :
COMP-SAMPLE-TANK-10-13-14-15-17

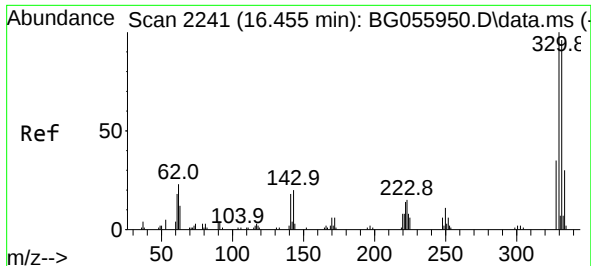
Tgt Ion: 82 Resp: 58189
Ion Ratio Lower Upper
82 100
128 44.2 38.4 57.6
54 65.6 53.3 79.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.973 min Scan# 1989
Delta R.T. -0.001 min
Lab File: BG056032.D
Acq: 20 Dec 2022 16:24

Tgt Ion:164 Resp: 33760
Ion Ratio Lower Upper
164 100
162 97.1 79.8 119.8
160 43.9 33.0 49.4





#42

2,4,6-Tribromophenol

Concen: 112.760 ng

RT: 16.454 min Scan# 2241

Delta R.T. 0.004 min

Lab File: BG056032.D

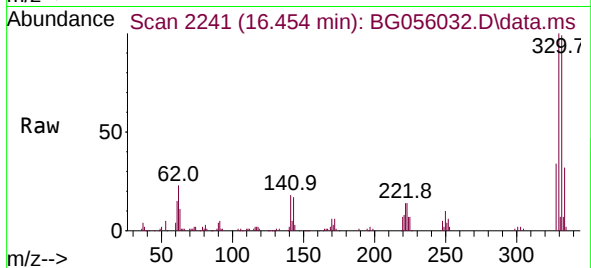
Acq: 20 Dec 2022 16:24

Instrument :

BNA_G

ClientSampleId :

COMP-SAMPLE-TANK-10-13-14-15-17



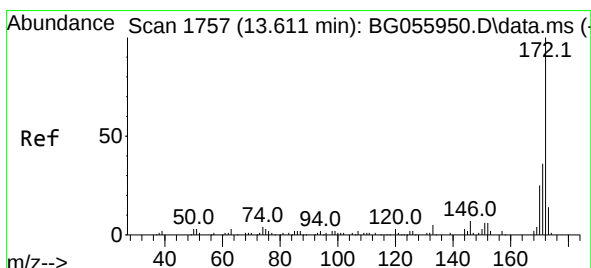
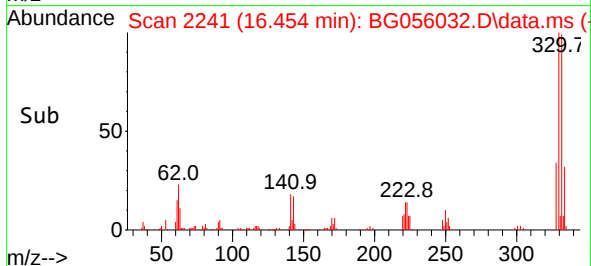
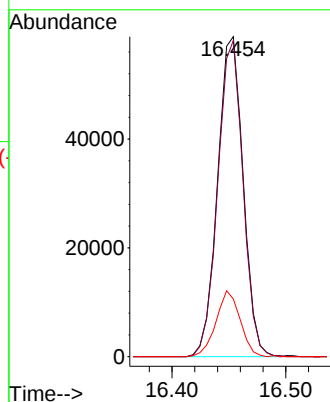
Tgt Ion:330 Resp: 91793

Ion Ratio Lower Upper

330 100

332 97.0 76.6 114.8

141 19.4 15.0 22.4



#45

2-Fluorobiphenyl

Concen: 87.505 ng

RT: 13.604 min Scan# 1756

Delta R.T. 0.004 min

Lab File: BG056032.D

Acq: 20 Dec 2022 16:24

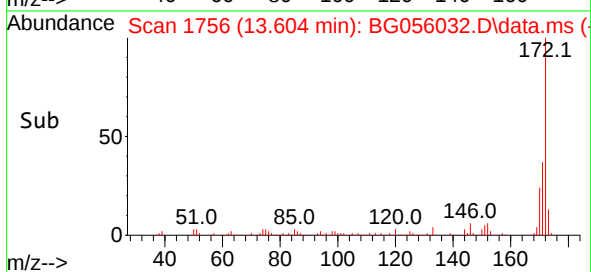
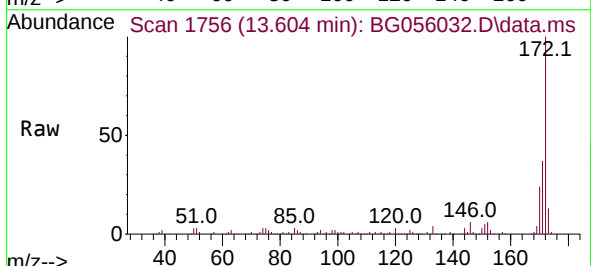
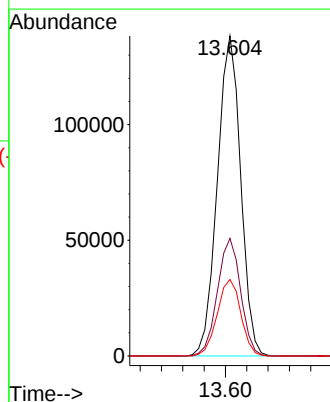
Tgt Ion:172 Resp: 210638

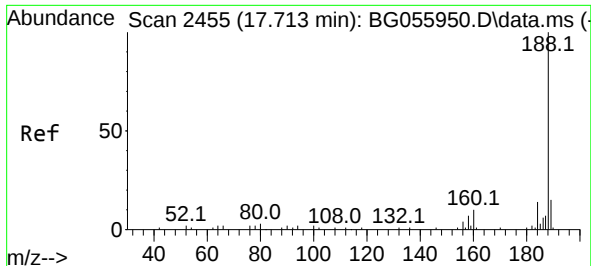
Ion Ratio Lower Upper

172 100

171 36.7 28.6 42.8

170 23.9 19.9 29.9

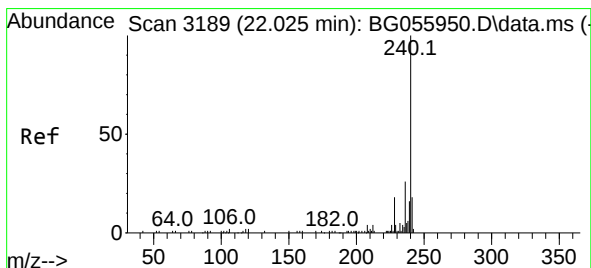
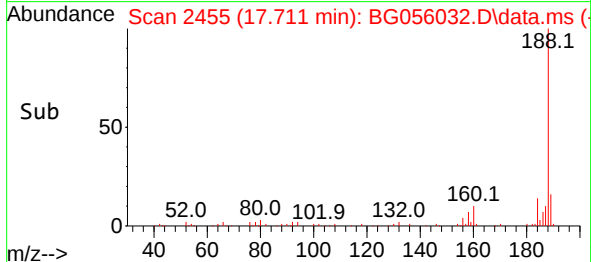
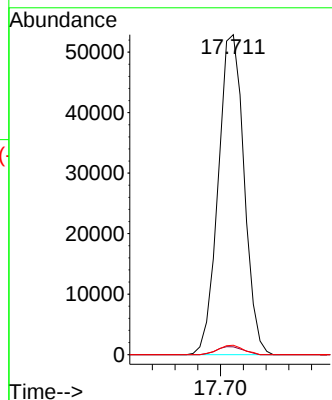
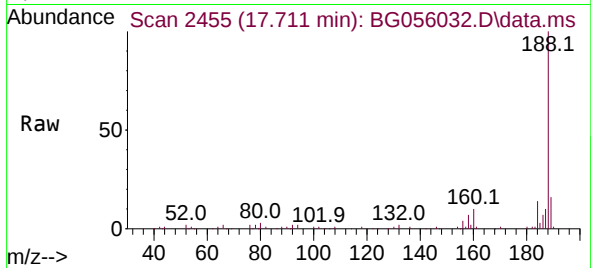




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.711 min Scan# 2455
Delta R.T. 0.004 min
Lab File: BG056032.D
Acq: 20 Dec 2022 16:24

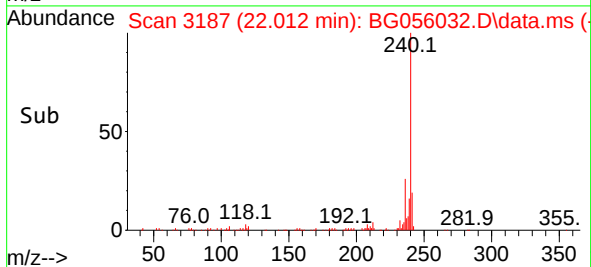
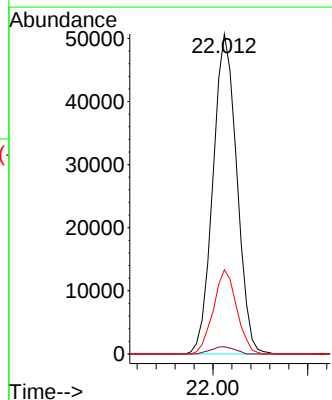
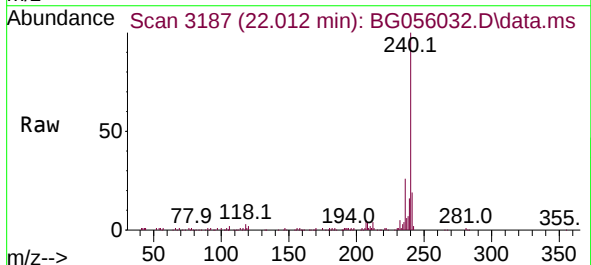
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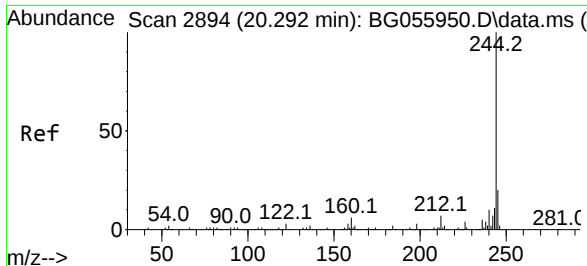
Tgt Ion:188 Resp: 83455
Ion Ratio Lower Upper
188 100
94 2.4 1.8 2.8
80 2.9 2.4 3.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.012 min Scan# 3187
Delta R.T. -0.002 min
Lab File: BG056032.D
Acq: 20 Dec 2022 16:24

Tgt Ion:240 Resp: 88501
Ion Ratio Lower Upper
240 100
120 2.2 1.7 2.5
236 26.3 21.1 31.7

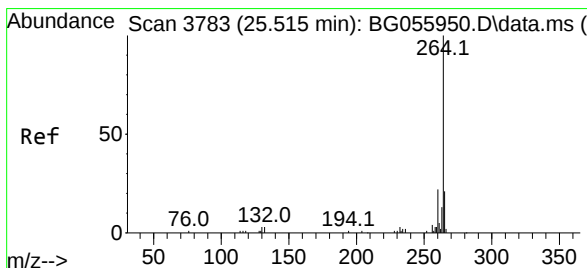
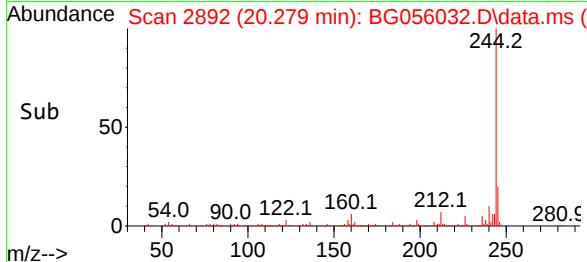
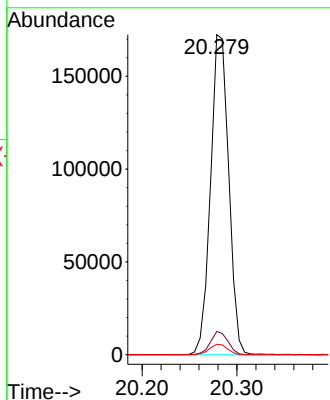
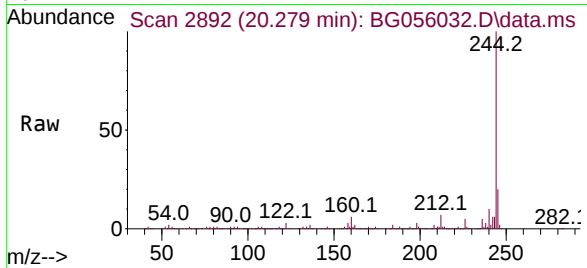




#79
 Terphenyl-d14
 Concen: 45.821 ng
 RT: 20.279 min Scan# 2892
 Delta R.T. -0.002 min
 Lab File: BG056032.D
 Acq: 20 Dec 2022 16:24

Instrument :
 BNA_G
 ClientSampleId :
 COMP-SAMPLE-TANK-10-13-14-15-17

Tgt Ion:244 Resp: 229446
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 3.2 2.5 3.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.502 min Scan# 3781
 Delta R.T. 0.004 min
 Lab File: BG056032.D
 Acq: 20 Dec 2022 16:24

Tgt Ion:264 Resp: 104314
 Ion Ratio Lower Upper
 264 100
 260 25.1 17.8 26.8
 265 21.9 16.6 25.0

