

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121422\
 Data File : BG055967.D
 Acq On : 14 Dec 2022 20:09
 Operator : CG/JU
 Sample : N6024-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-Q

Quant Time: Dec 15 00:52:18 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	8.368	152	6430	20.000	ng	0.00
21) Naphthalene-d8	11.205	136	25013	20.000	ng	# 0.00
39) Acenaphthene-d10	14.977	164	22554	20.000	ng	0.00
64) Phenanthrene-d10	17.715	188	57133	20.000	ng	0.00
76) Chrysene-d12	22.016	240	60367	20.000	ng	0.00
86) Perylene-d12	25.512	264	74015	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.888	112	60048	219.010	ng	0.00
7) Phenol-d6	7.498	99	76042	215.641	ng	0.00
23) Nitrobenzene-d5	9.543	82	47726	133.338	ng	0.00
42) 2,4,6-Tribromophenol	16.452	330	112672	207.177	ng	0.00
45) 2-Fluorobiphenyl	13.608	172	195911	121.824	ng	0.00
79) Terphenyl-d14	20.289	244	446458	130.711	ng	0.00

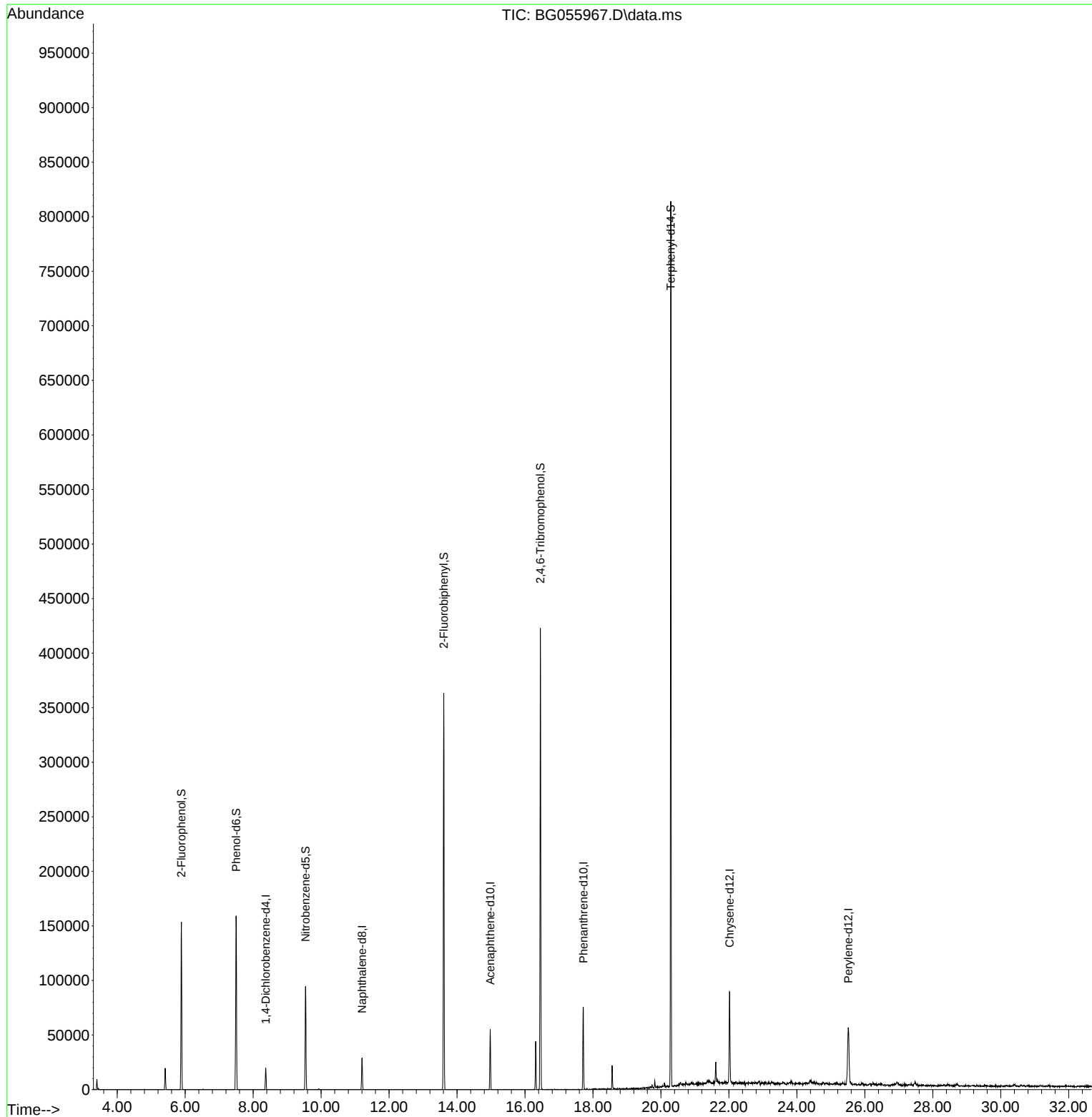
Target Compounds	Qvalue

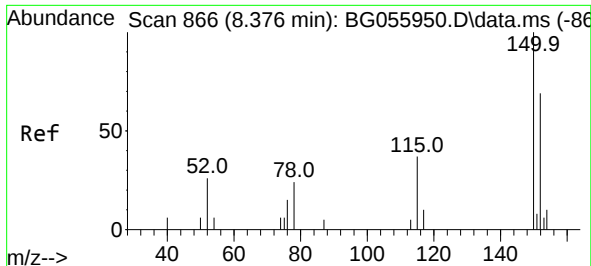
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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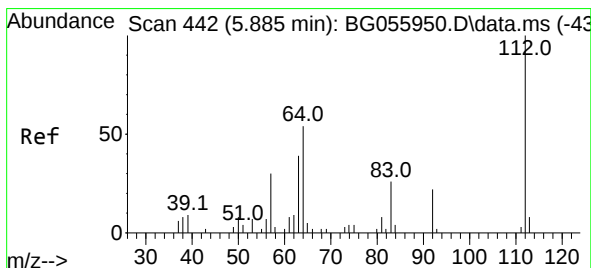
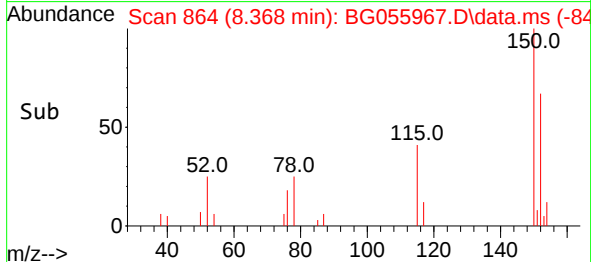
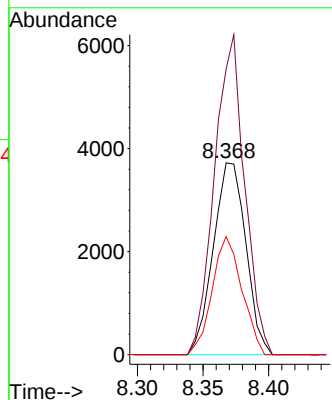
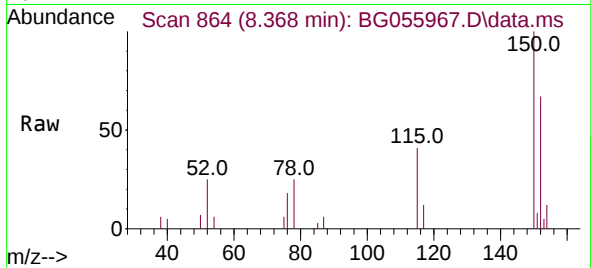




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.368 min Scan# 866
Delta R.T. -0.008 min
Lab File: BG055967.D
Acq: 14 Dec 2022 20:09

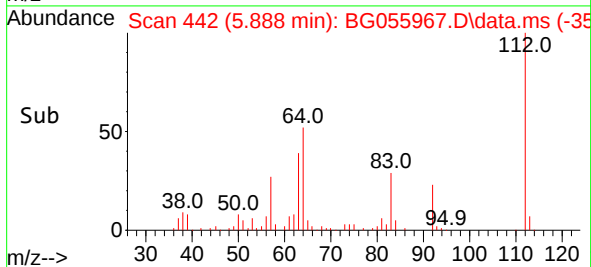
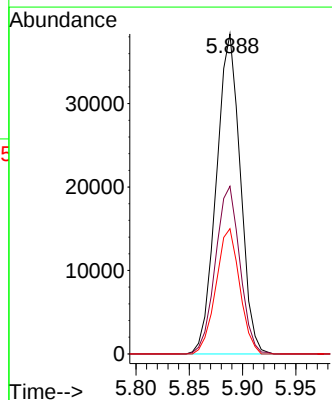
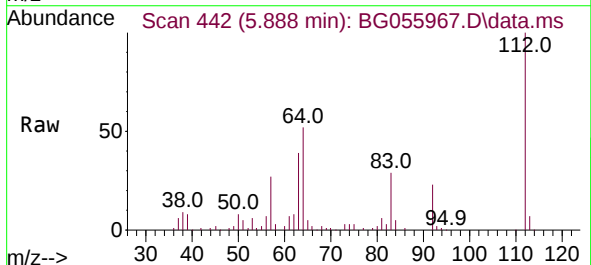
Instrument :
BNA_G
ClientSampleId :
TP-Q

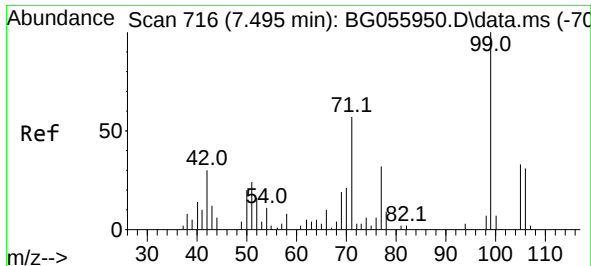
Tgt Ion:152 Resp: 6430
Ion Ratio Lower Upper
152 100
150 148.8 115.7 173.5
115 61.5 43.0 64.4



#5
2-Fluorophenol
Concen: 219.010 ng
RT: 5.888 min Scan# 442
Delta R.T. 0.003 min
Lab File: BG055967.D
Acq: 14 Dec 2022 20:09

Tgt Ion:112 Resp: 60048
Ion Ratio Lower Upper
112 100
64 52.4 43.0 64.4
63 39.1 31.4 47.2

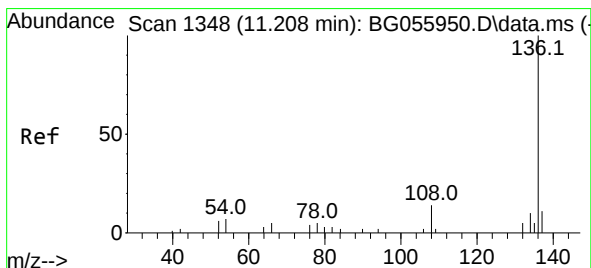
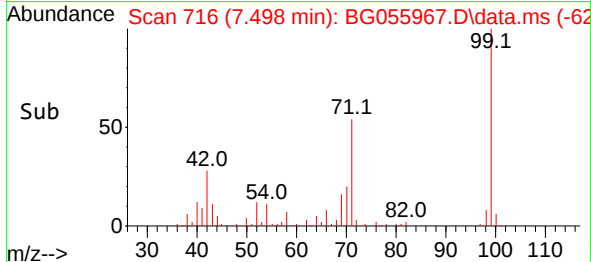
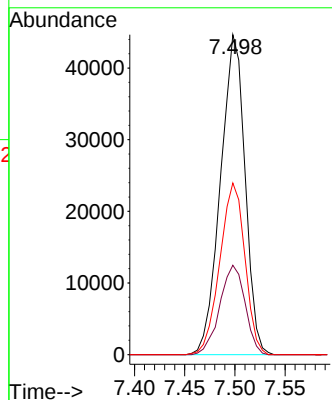
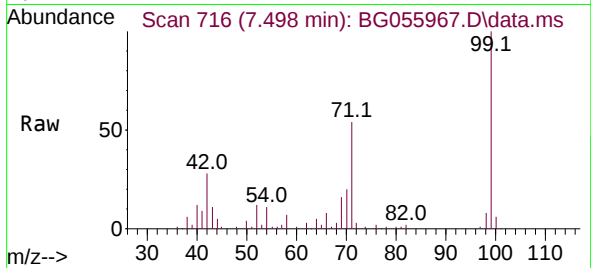




#7
Phenol-d6
Concen: 215.641 ng
RT: 7.498 min Scan# 716
Delta R.T. 0.003 min
Lab File: BG055967.D
Acq: 14 Dec 2022 20:09

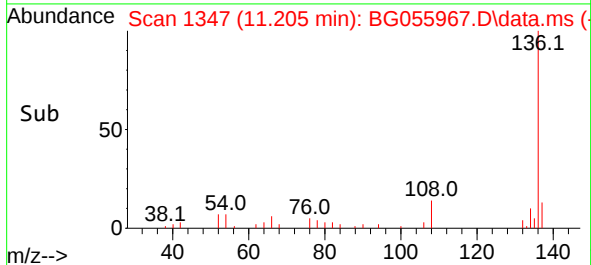
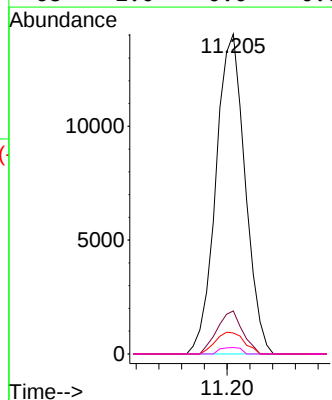
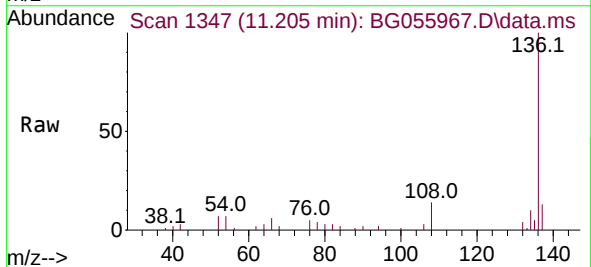
Instrument :
BNA_G
ClientSampleId :
TP-Q

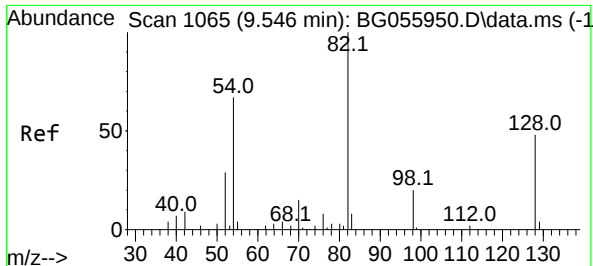
Tgt Ion: 99 Resp: 76042
Ion Ratio Lower Upper
99 100
42 27.9 24.3 36.5
71 53.6 45.6 68.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.205 min Scan# 1347
Delta R.T. -0.003 min
Lab File: BG055967.D
Acq: 14 Dec 2022 20:09

Tgt Ion: 136 Resp: 25013
Ion Ratio Lower Upper
136 100
137 13.4 9.2 13.8
54 6.5 5.6 8.4
68 2.0 0.0 0.0





#23

Nitrobenzene-d5

Concen: 133.338 ng

RT: 9.543 min Scan# 1064

Delta R.T. -0.003 min

Lab File: BG055967.D

Acq: 14 Dec 2022 20:09

Instrument :

BNA_G

ClientSampleId :

TP-Q

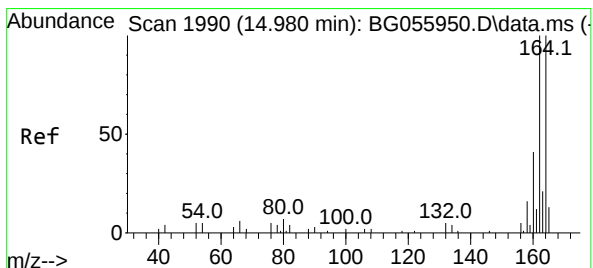
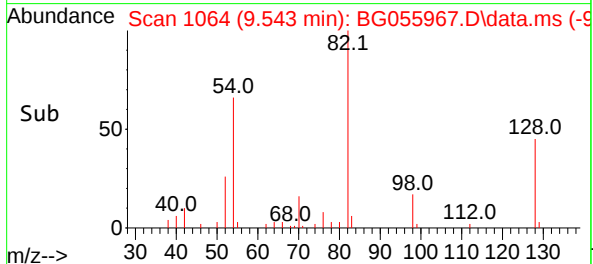
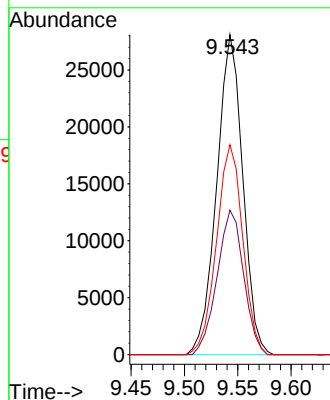
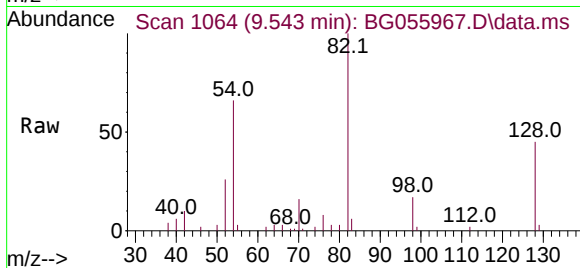
Tgt Ion: 82 Resp: 47726

Ion Ratio Lower Upper

82 100

128 45.1 38.4 57.6

54 65.6 53.3 79.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.977 min Scan# 1989

Delta R.T. -0.003 min

Lab File: BG055967.D

Acq: 14 Dec 2022 20:09

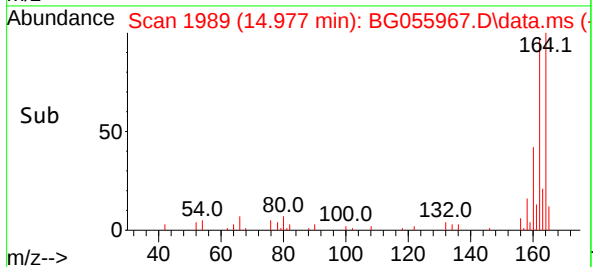
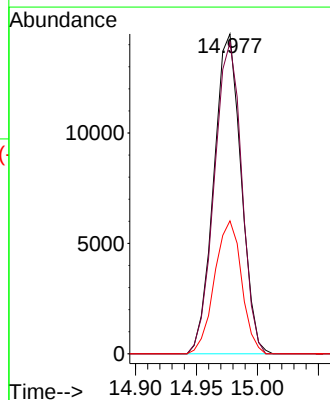
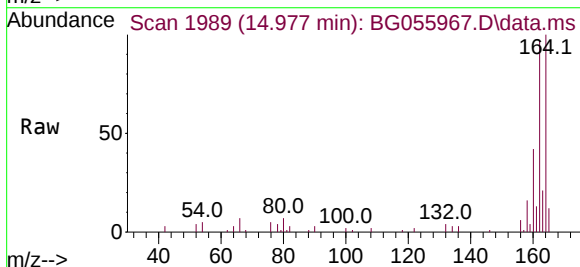
Tgt Ion:164 Resp: 22554

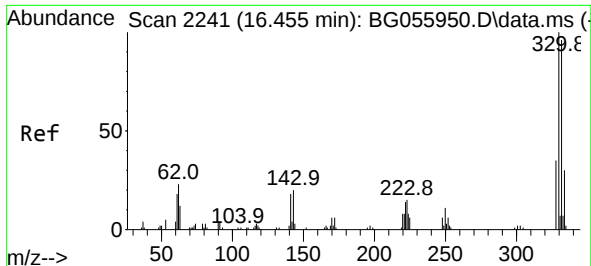
Ion Ratio Lower Upper

164 100

162 97.3 79.8 119.8

160 41.6 33.0 49.4





#42

2,4,6-Tribromophenol

Concen: 207.177 ng

RT: 16.452 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG055967.D

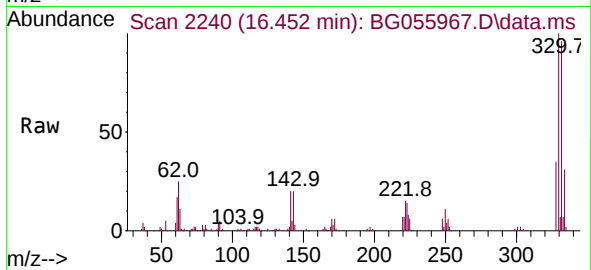
Acq: 14 Dec 2022 20:09

Instrument :

BNA_G

ClientSampleId :

TP-Q



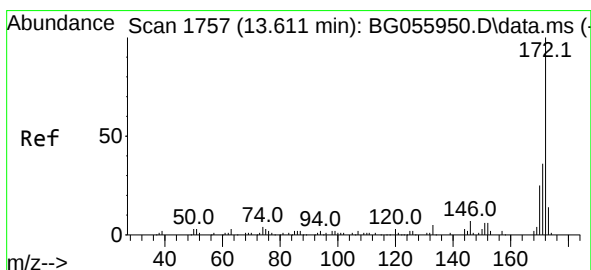
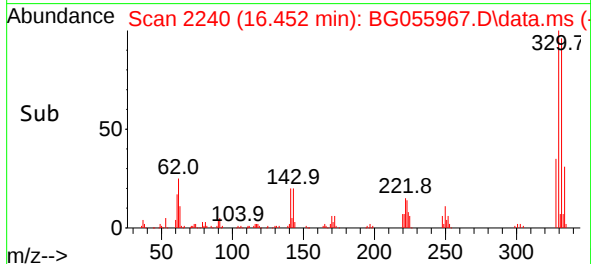
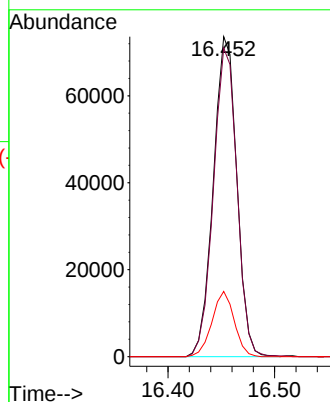
Tgt Ion:330 Resp: 112672

Ion Ratio Lower Upper

330 100

332 96.6 76.6 114.8

141 19.3 15.0 22.4



#45

2-Fluorobiphenyl

Concen: 121.824 ng

RT: 13.608 min Scan# 1756

Delta R.T. -0.003 min

Lab File: BG055967.D

Acq: 14 Dec 2022 20:09

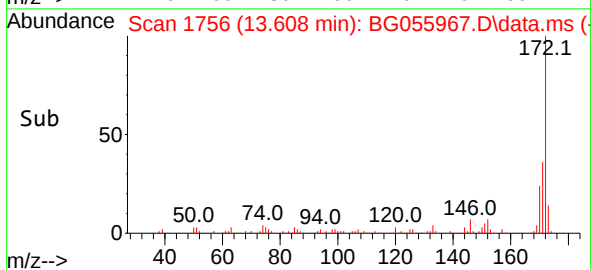
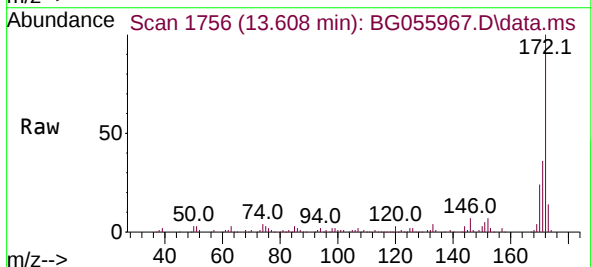
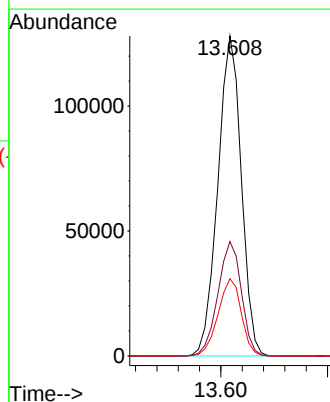
Tgt Ion:172 Resp: 195911

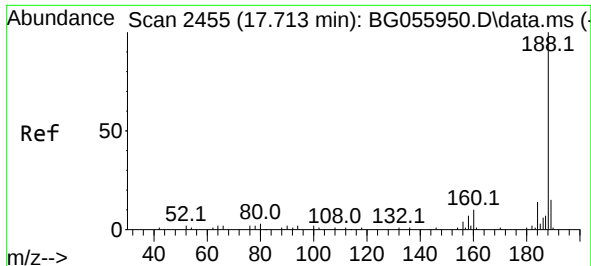
Ion Ratio Lower Upper

172 100

171 35.7 28.6 42.8

170 24.1 19.9 29.9

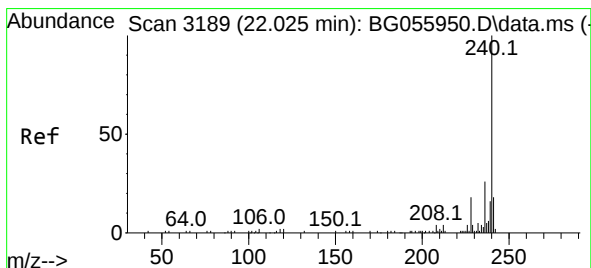
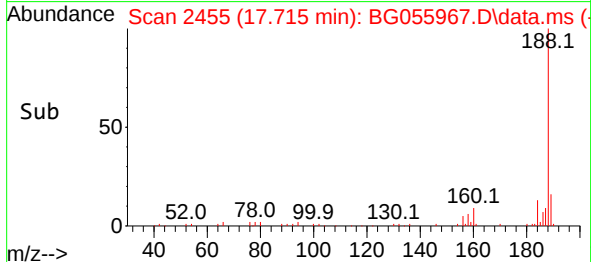
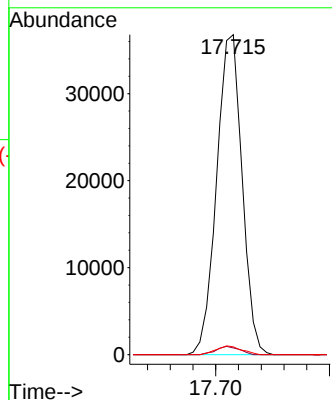
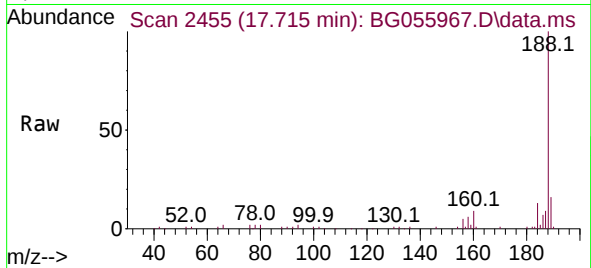




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.715 min Scan# 24
Delta R.T. 0.003 min
Lab File: BG055967.D
Acq: 14 Dec 2022 20:09

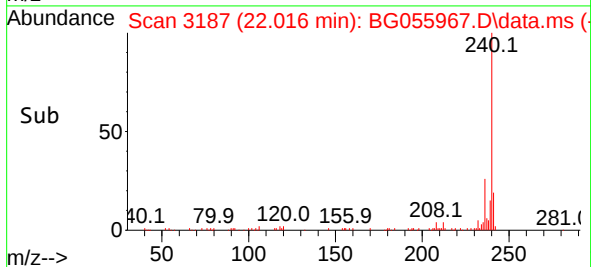
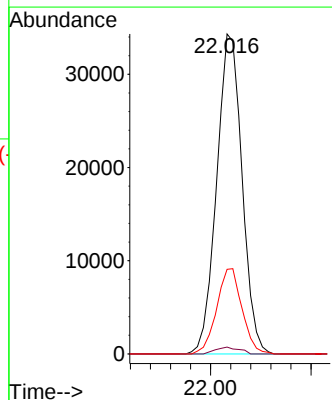
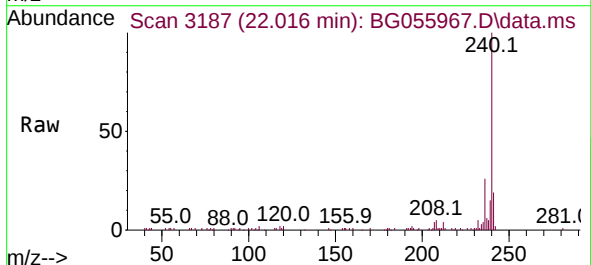
Instrument :
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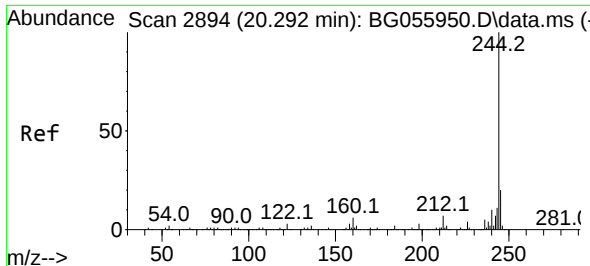
Tgt Ion:188 Resp: 57133
Ion Ratio Lower Upper
188 100
94 2.1 1.8 2.8
80 2.4 2.4 3.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.016 min Scan# 3187
Delta R.T. -0.009 min
Lab File: BG055967.D
Acq: 14 Dec 2022 20:09

Tgt Ion:240 Resp: 60367
Ion Ratio Lower Upper
240 100
120 2.1 1.7 2.5
236 26.4 21.1 31.7

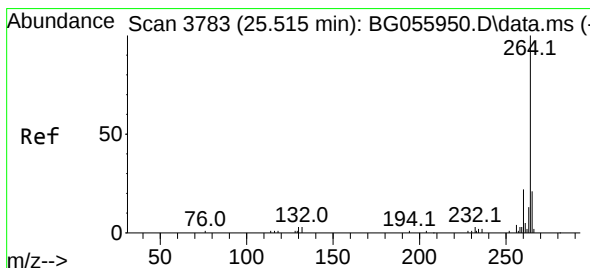
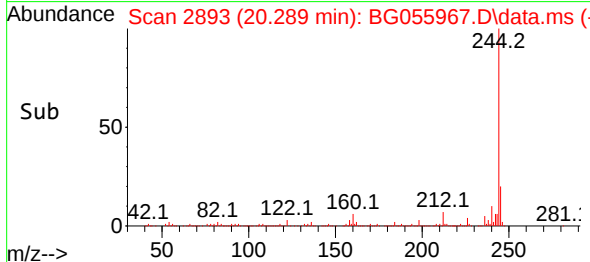
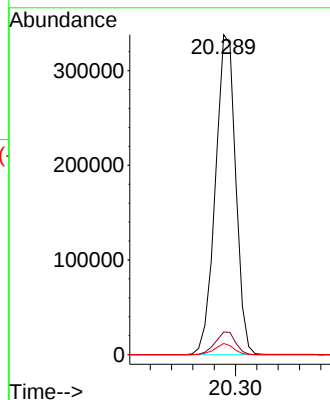
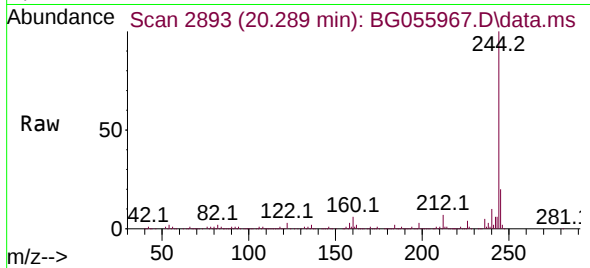




#79
 Terphenyl-d14
 Concen: 130.711 ng
 RT: 20.289 min Scan# 2893
 Delta R.T. -0.003 min
 Lab File: BG055967.D
 Acq: 14 Dec 2022 20:09

Instrument :
 BNA_G
 ClientSampleId :
 TP-Q

Tgt Ion:244 Resp: 446458
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 3.5 2.5 3.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.512 min Scan# 3782
 Delta R.T. -0.003 min
 Lab File: BG055967.D
 Acq: 14 Dec 2022 20:09

Tgt Ion:264 Resp: 74015
 Ion Ratio Lower Upper
 264 100
 260 23.6 17.8 26.8
 265 23.5 16.6 25.0

