

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122322\
 Data File : BG056085.D
 Acq On : 23 Dec 2022 19:14
 Operator : CG/JU
 Sample : N6190-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOCATION-2

Quant Time: Dec 24 00:09:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 23 05:09:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.352	152	7485	20.000	ng	0.00
21) Naphthalene-d8	11.190	136	27244	20.000	ng	# 0.00
39) Acenaphthene-d10	14.962	164	25050	20.000	ng	0.00
64) Phenanthrene-d10	17.700	188	81618	20.000	ng	0.00
76) Chrysene-d12	22.007	240	92044	20.000	ng	0.00
86) Perylene-d12	25.497	264	110532	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.872	112	35024	109.736	ng	0.00
7) Phenol-d6	7.482	99	43603	106.221	ng	0.00
23) Nitrobenzene-d5	9.527	82	30480	78.183	ng	0.00
42) 2,4,6-Tribromophenol	16.442	330	74677	123.631	ng	0.00
45) 2-Fluorobiphenyl	13.593	172	99626	55.778	ng	0.00
79) Terphenyl-d14	20.279	244	294730	56.593	ng	0.00

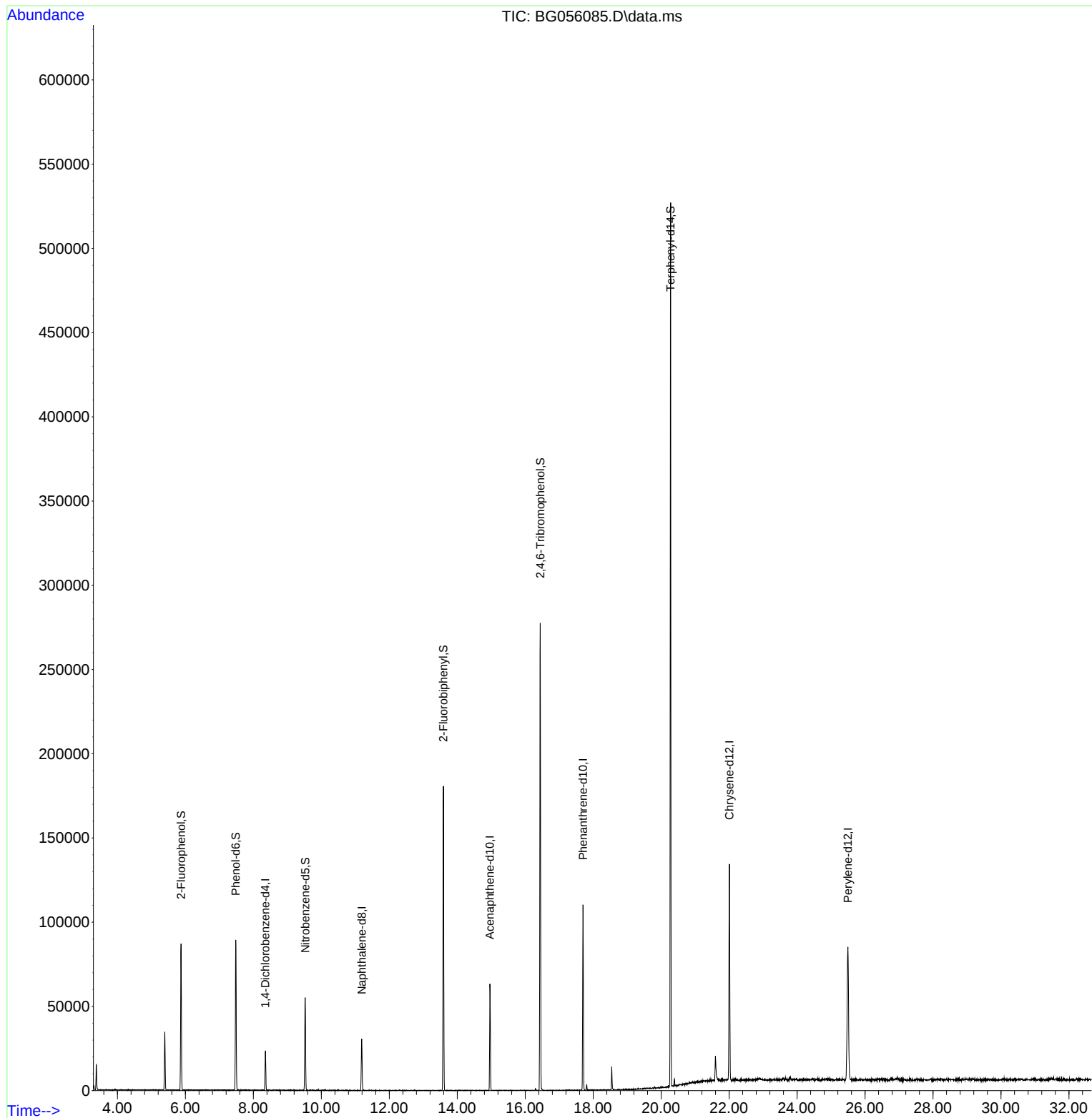
Target Compounds	Qvalue

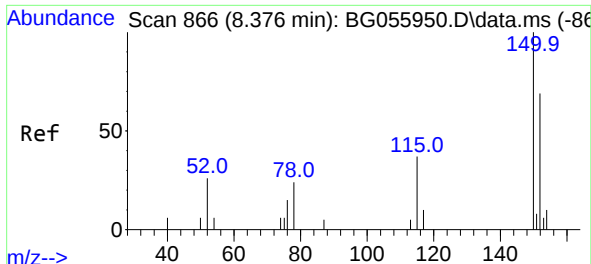
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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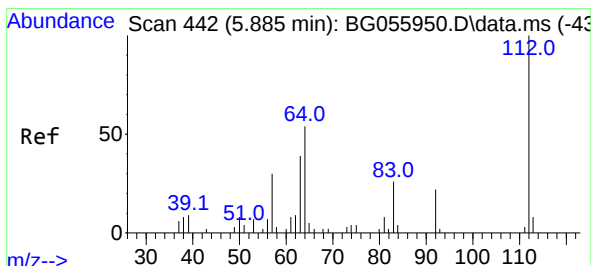
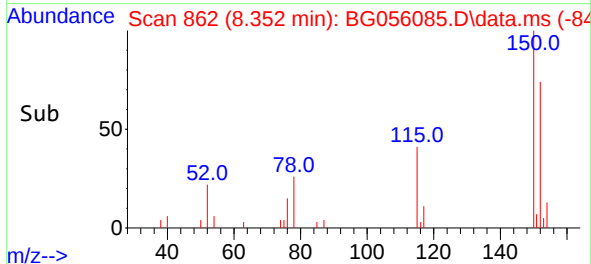
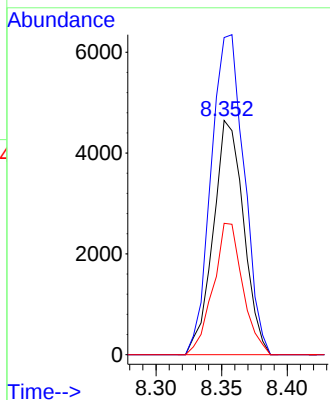
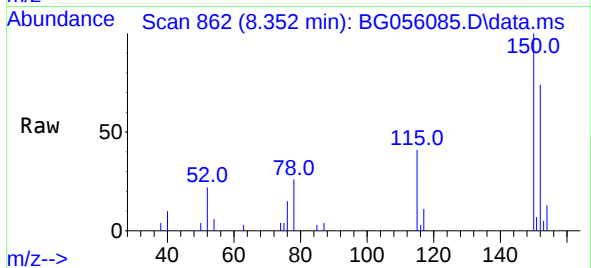




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.352 min Scan# 866
Delta R.T. -0.001 min
Lab File: BG056085.D
Acq: 23 Dec 2022 19:14

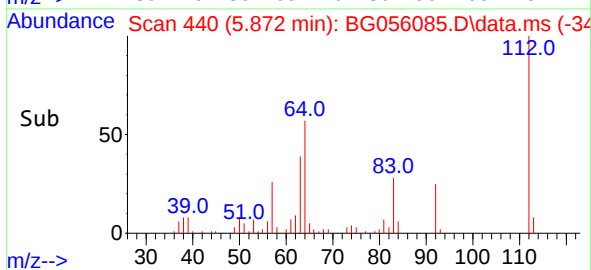
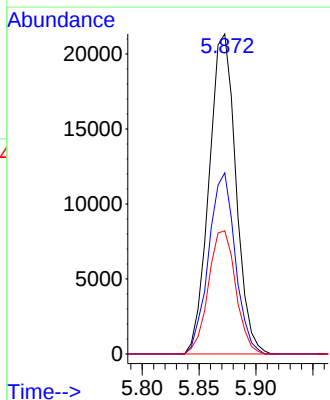
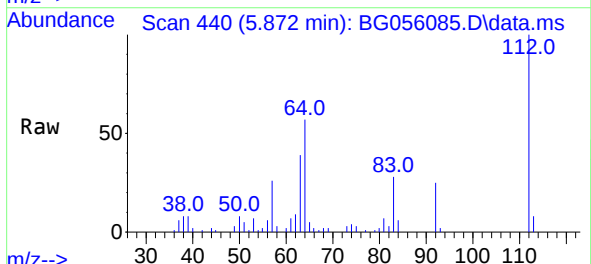
Instrument :
BNA_G
ClientSampleId :
LOCATION-2

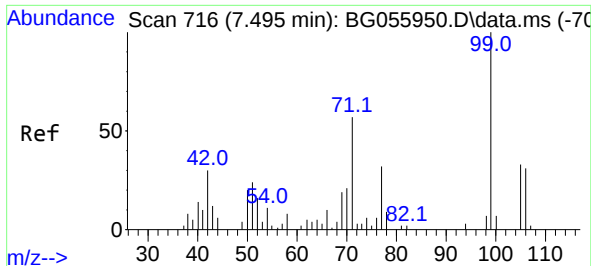
Tgt Ion:152 Resp: 7485
Ion Ratio Lower Upper
152 100
150 135.4 115.7 173.5
115 56.0 43.0 64.4



#5
2-Fluorophenol
Concen: 109.736 ng
RT: 5.872 min Scan# 440
Delta R.T. 0.005 min
Lab File: BG056085.D
Acq: 23 Dec 2022 19:14

Tgt Ion:112 Resp: 35024
Ion Ratio Lower Upper
112 100
64 56.6 43.0 64.4
63 38.5 31.4 47.2

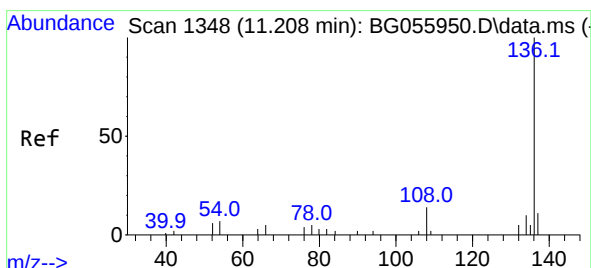
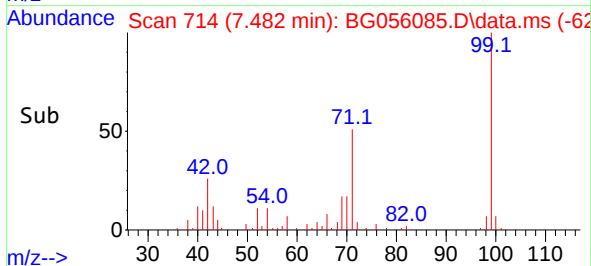
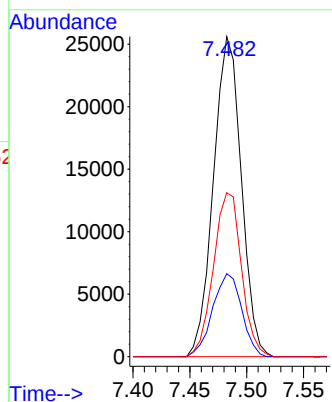
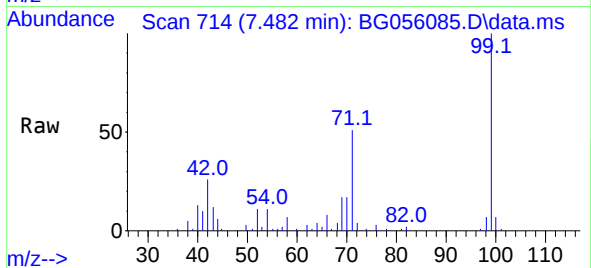




#7
Phenol-d6
Concen: 106.221 ng
RT: 7.482 min Scan# 716
Delta R.T. -0.001 min
Lab File: BG056085.D
Acq: 23 Dec 2022 19:14

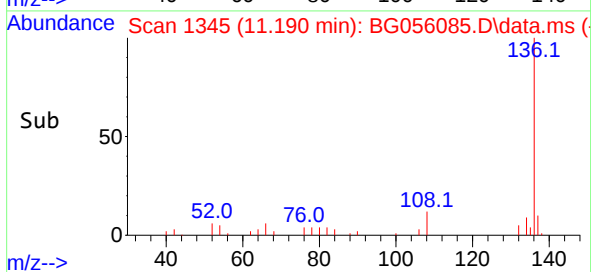
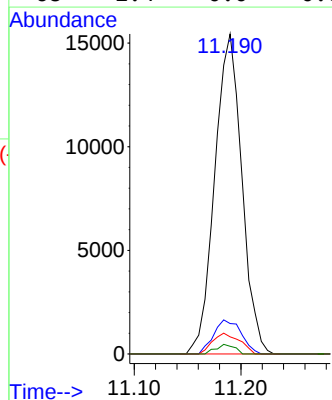
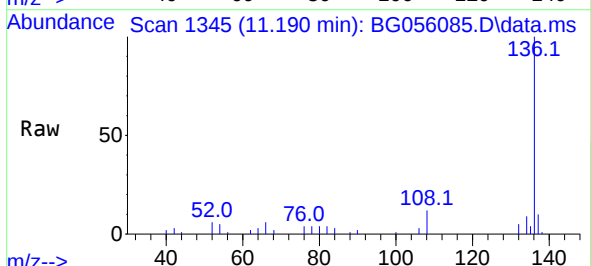
Instrument :
BNA_G
ClientSampleId :
LOCATION-2

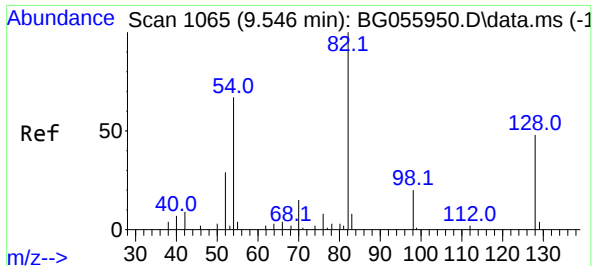
Tgt Ion: 99 Resp: 43603
Ion Ratio Lower Upper
99 100
42 25.9 24.3 36.5
71 51.2 45.6 68.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.190 min Scan# 1345
Delta R.T. -0.001 min
Lab File: BG056085.D
Acq: 23 Dec 2022 19:14

Tgt Ion:136 Resp: 27244
Ion Ratio Lower Upper
136 100
137 9.5 9.2 13.8
54 5.3 5.6 8.4#
68 2.4 0.0 0.0#





#23

Nitrobenzene-d5

Concen: 78.183 ng

RT: 9.527 min Scan# 1062

Delta R.T. -0.001 min

Lab File: BG056085.D

Acq: 23 Dec 2022 19:14

Instrument :

BNA_G

ClientSampleId :

LOCATION-2

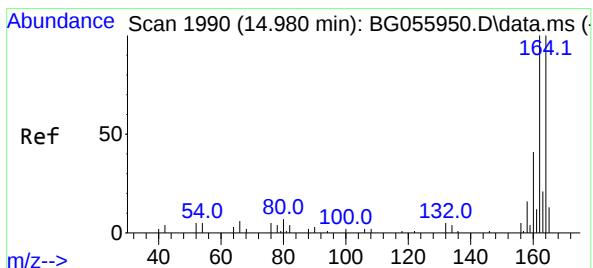
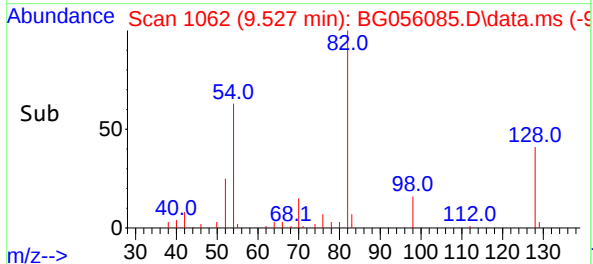
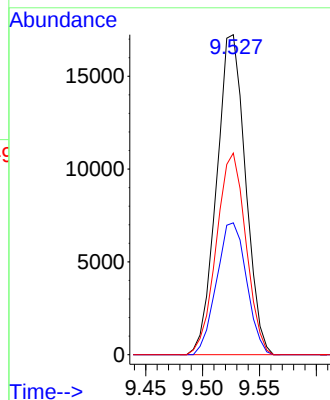
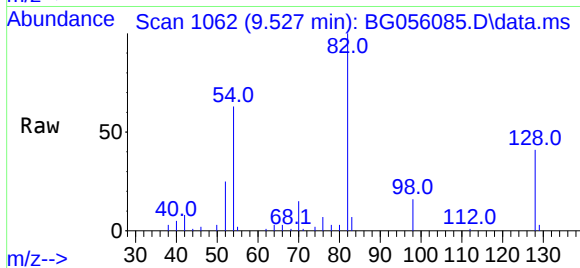
Tgt Ion: 82 Resp: 30480

Ion Ratio Lower Upper

82 100

128 41.2 38.4 57.6

54 63.0 53.3 79.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.962 min Scan# 1987

Delta R.T. -0.007 min

Lab File: BG056085.D

Acq: 23 Dec 2022 19:14

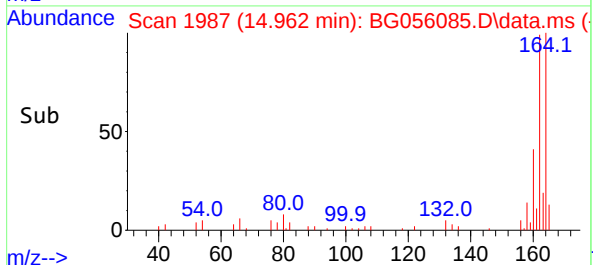
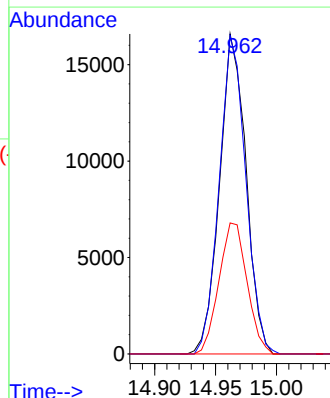
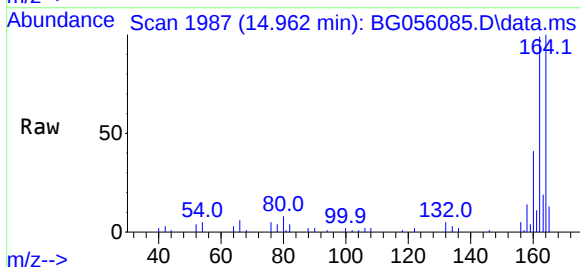
Tgt Ion:164 Resp: 25050

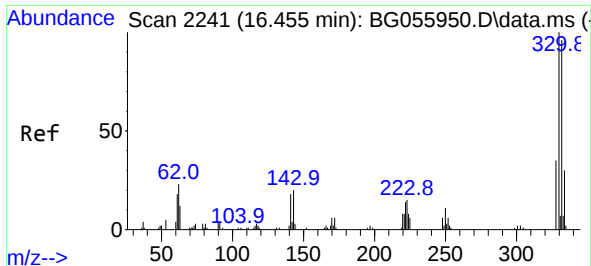
Ion Ratio Lower Upper

164 100

162 99.5 79.8 119.8

160 40.9 33.0 49.4

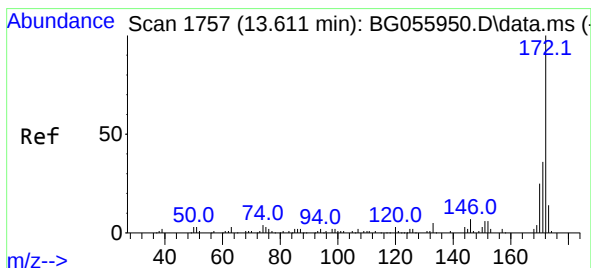
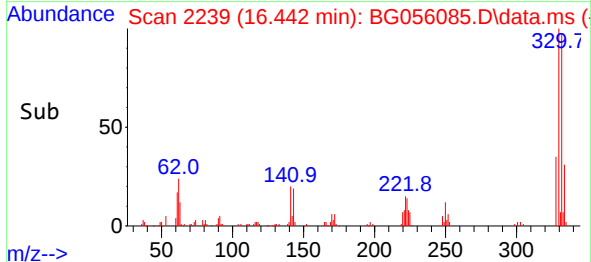
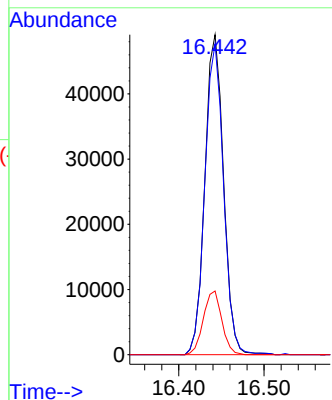
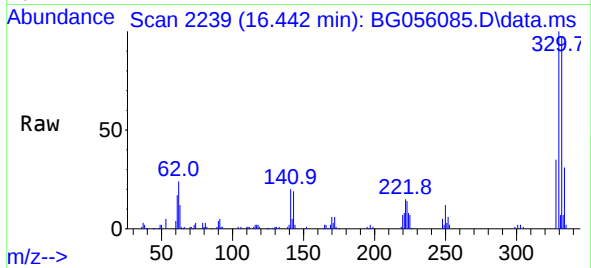




#42
2,4,6-Tribromophenol
Concen: 123.631 ng
RT: 16.442 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG056085.D
Acq: 23 Dec 2022 19:14

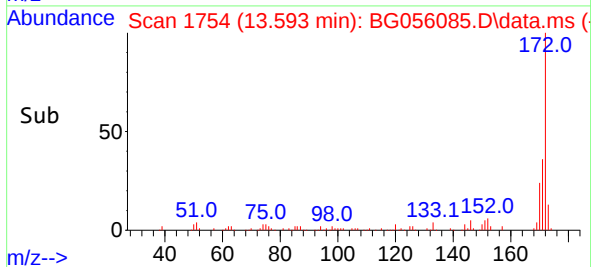
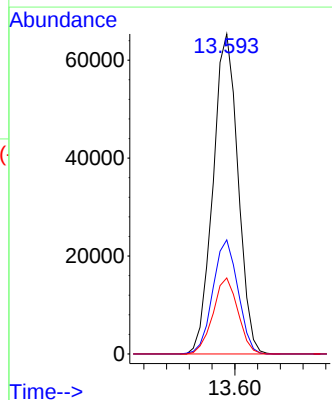
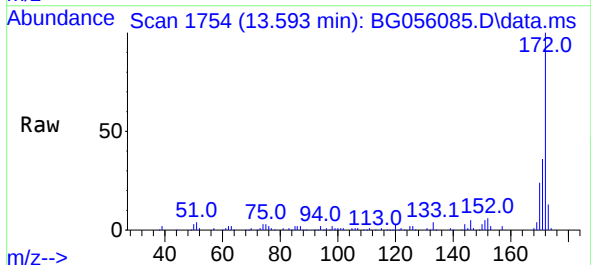
Instrument :
BNA_G
ClientSampleId :
LOCATION-2

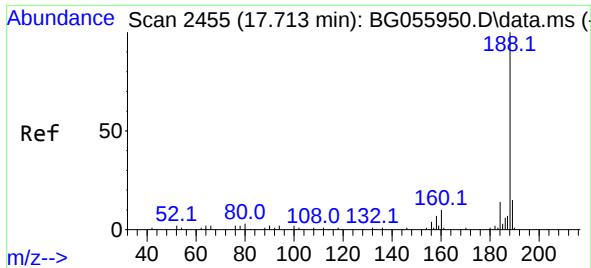
Tgt Ion:330 Resp: 74677
Ion Ratio Lower Upper
330 100
332 97.1 76.6 114.8
141 19.6 15.0 22.4



#45
2-Fluorobiphenyl
Concen: 55.778 ng
RT: 13.593 min Scan# 1754
Delta R.T. -0.001 min
Lab File: BG056085.D
Acq: 23 Dec 2022 19:14

Tgt Ion:172 Resp: 99626
Ion Ratio Lower Upper
172 100
171 35.7 28.6 42.8
170 23.7 19.9 29.9

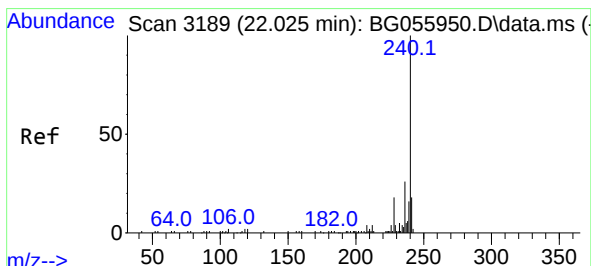
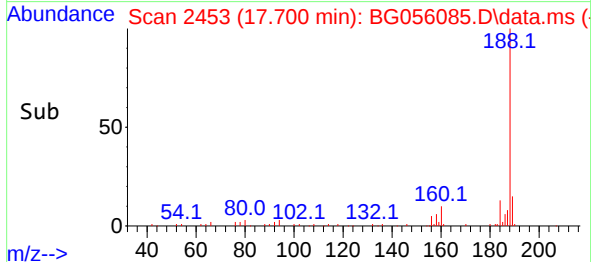
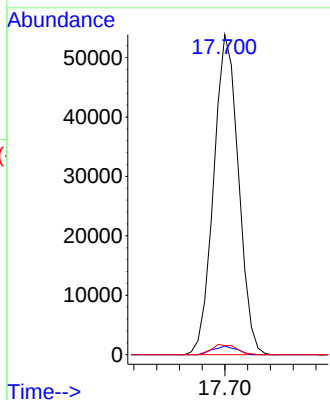
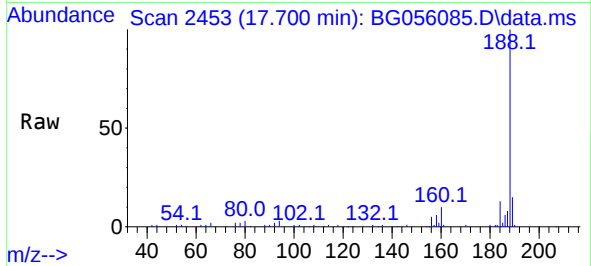




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.700 min Scan# 2455
Delta R.T. -0.007 min
Lab File: BG056085.D
Acq: 23 Dec 2022 19:14

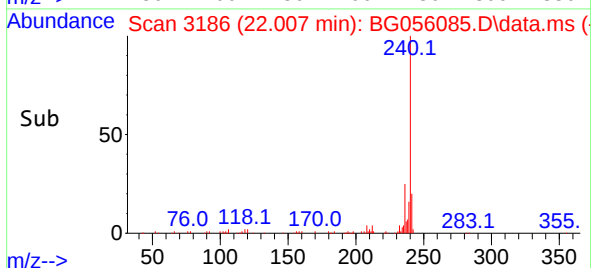
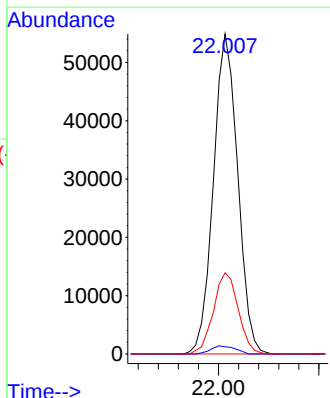
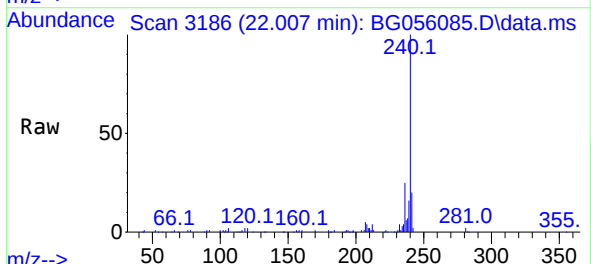
Instrument :
BNA_G
ClientSampleId :
LOCATION-2

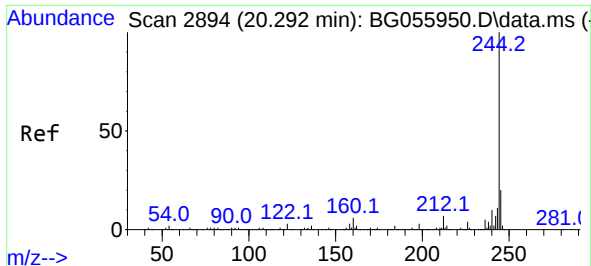
Tgt Ion:188	Resp:	81618
Ion Ratio	Lower	Upper
188	100	
94	2.7	1.8 2.8
80	2.9	2.4 3.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.007 min Scan# 3186
Delta R.T. -0.007 min
Lab File: BG056085.D
Acq: 23 Dec 2022 19:14

Tgt Ion:240	Resp:	92044
Ion Ratio	Lower	Upper
240	100	
120	2.2	1.7 2.5
236	25.3	21.1 31.7

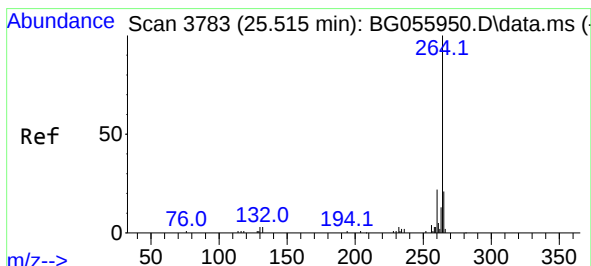
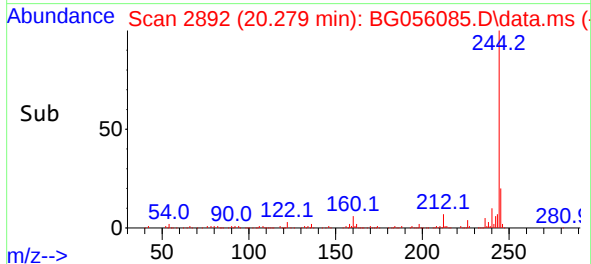
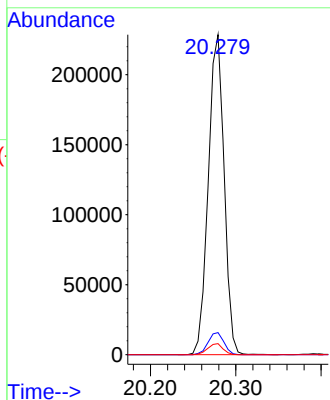
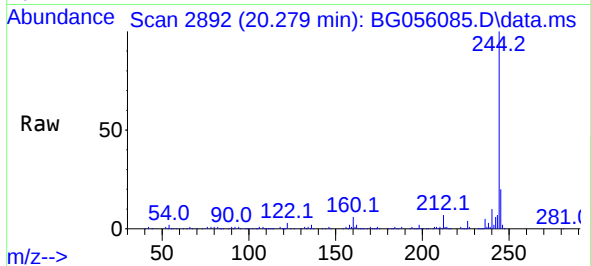




#79
 Terphenyl-d14
 Concen: 56.593 ng
 RT: 20.279 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG056085.D
 Acq: 23 Dec 2022 19:14

Instrument :
 BNA_G
 ClientSampleId :
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Tgt Ion:244 Resp: 294730
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.6
 122 3.4 2.5 3.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.497 min Scan# 3780
 Delta R.T. 0.005 min
 Lab File: BG056085.D
 Acq: 23 Dec 2022 19:14

Tgt Ion:264 Resp: 110532
 Ion Ratio Lower Upper
 264 100
 260 21.2 17.8 26.8
 265 20.9 16.6 25.0

