

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121522\
 Data File : BG055985.D
 Acq On : 15 Dec 2022 20:33
 Operator : CG/JU
 Sample : N6055-01 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-2-121422

Quant Time: Dec 16 04:06:47 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)

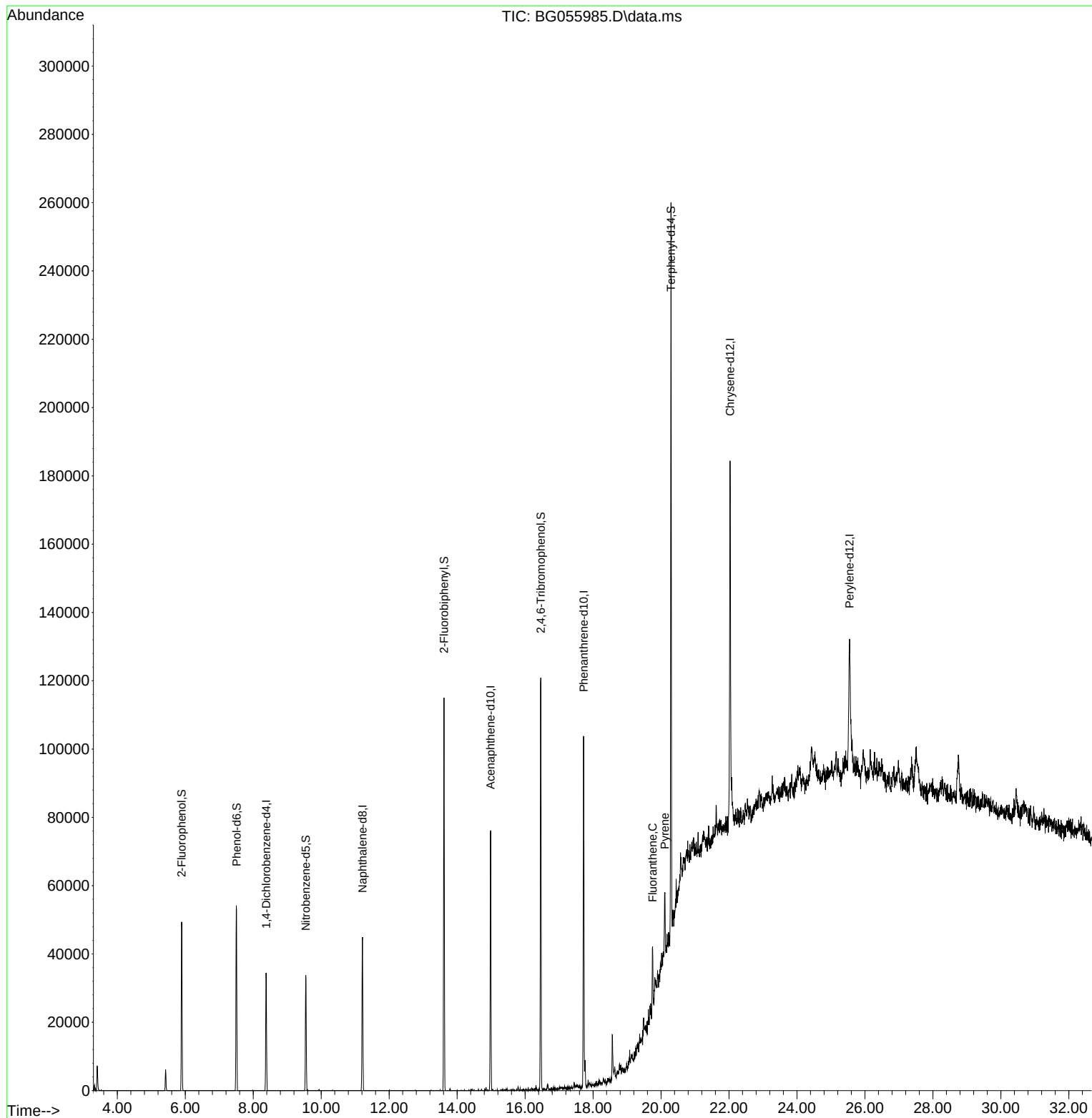
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.377	152	10965	20.000	ng	0.00
21) Naphthalene-d8	11.215	136	39435	20.000	ng	# 0.00
39) Acenaphthene-d10	14.981	164	32075	20.000	ng	0.00
64) Phenanthrene-d10	17.725	188	75555	20.000	ng	# 0.01
76) Chrysene-d12	22.032	240	78108	20.000	ng	0.00
86) Perylene-d12	25.546	264	73984	20.000	ng	# 0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.892	112	21480	45.941	ng	0.00
7) Phenol-d6	7.508	99	26732	44.454	ng	0.01
23) Nitrobenzene-d5	9.547	82	17924	31.763	ng	0.00
42) 2,4,6-Tribromophenol	16.462	330	33116	42.817	ng	0.00
45) 2-Fluorobiphenyl	13.612	172	63307	27.681	ng	0.00
79) Terphenyl-d14	20.293	244	114358	25.876	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.752	202	14239	2.568	ng	97
78) Pyrene	20.111	202	13394	2.834	ng	96

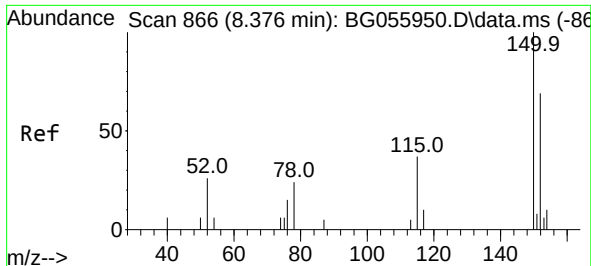
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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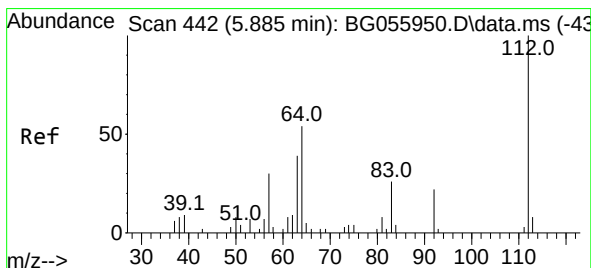
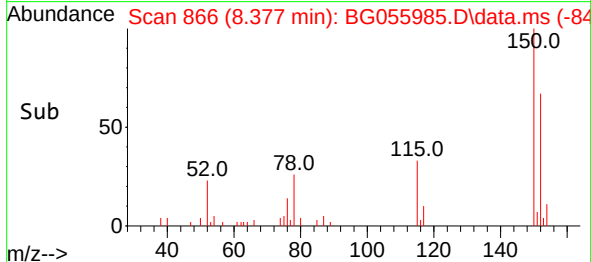
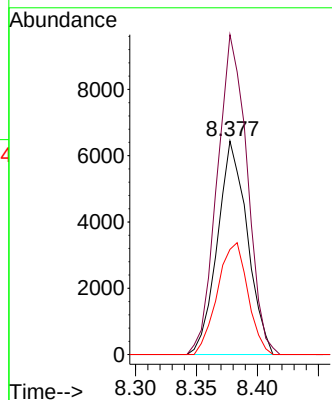
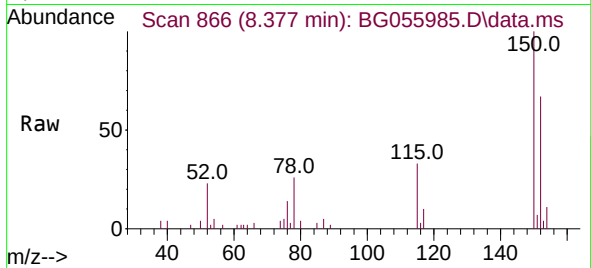




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.377 min Scan# 866
Delta R.T. 0.001 min
Lab File: BG055985.D
Acq: 15 Dec 2022 20:33

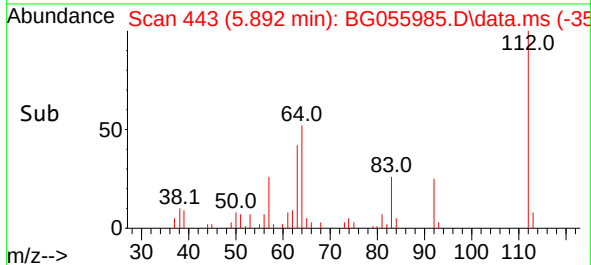
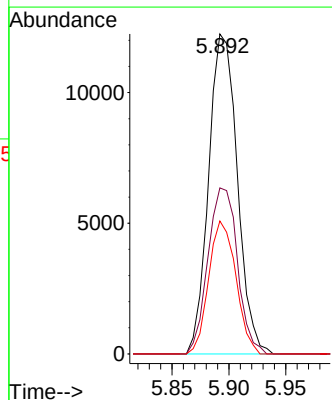
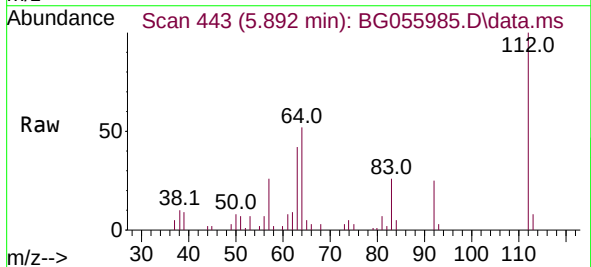
Instrument :
BNA_G
ClientSampleId :
OK-2-121422

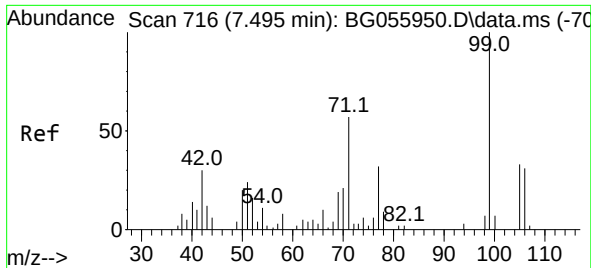
Tgt Ion:152 Resp: 10965
Ion Ratio Lower Upper
152 100
150 149.9 115.7 173.5
115 49.2 43.0 64.4



#5
2-Fluorophenol
Concen: 45.941 ng
RT: 5.892 min Scan# 443
Delta R.T. 0.007 min
Lab File: BG055985.D
Acq: 15 Dec 2022 20:33

Tgt Ion:112 Resp: 21480
Ion Ratio Lower Upper
112 100
64 51.9 43.0 64.4
63 41.5 31.4 47.2

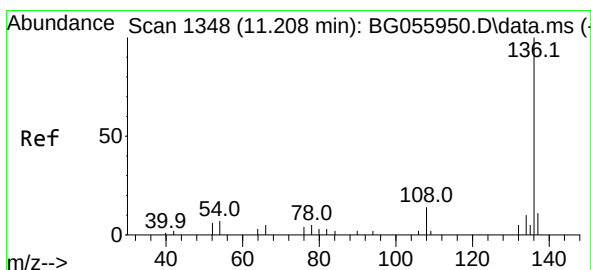
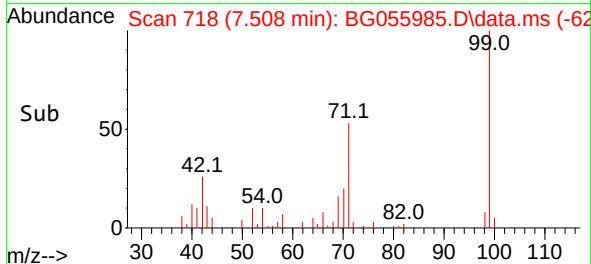
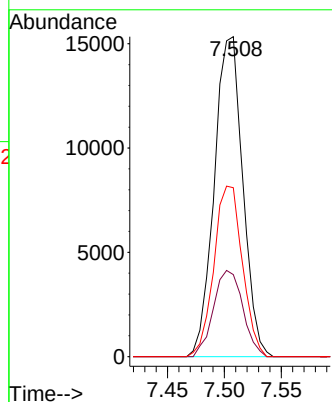
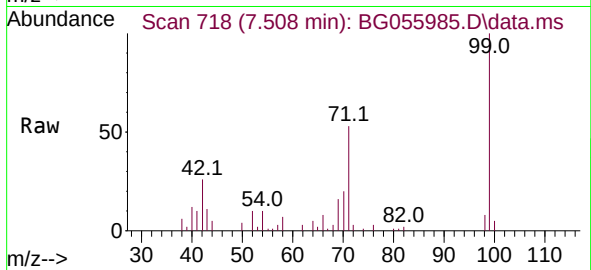




#7
Phenol-d6
Concen: 44.454 ng
RT: 7.508 min Scan# 716
Delta R.T. 0.013 min
Lab File: BG055985.D
Acq: 15 Dec 2022 20:33

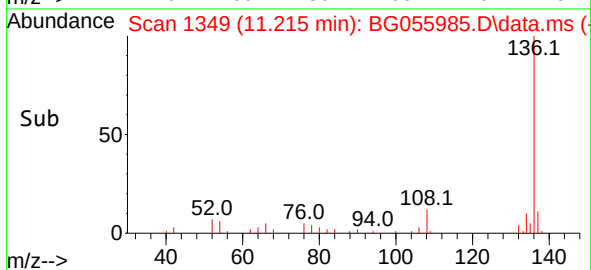
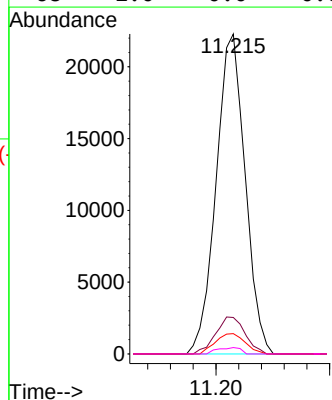
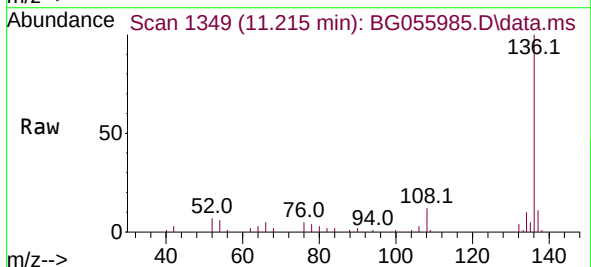
Instrument :
BNA_G
ClientSampleId :
OK-2-121422

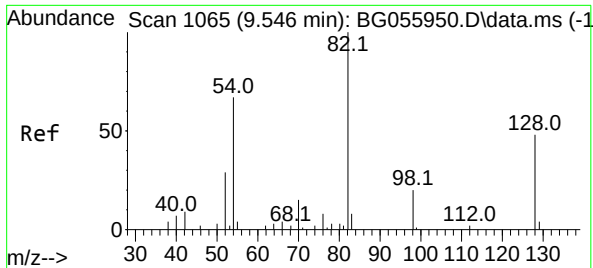
Tgt Ion: 99 Resp: 26732
Ion Ratio Lower Upper
99 100
42 25.6 24.3 36.5
71 52.8 45.6 68.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.215 min Scan# 1349
Delta R.T. 0.007 min
Lab File: BG055985.D
Acq: 15 Dec 2022 20:33

Tgt Ion:136 Resp: 39435
Ion Ratio Lower Upper
136 100
137 11.4 9.2 13.8
54 6.3 5.6 8.4
68 2.0 0.0 0.0#





#23

Nitrobenzene-d5

Concen: 31.763 ng

RT: 9.547 min Scan# 1065

Delta R.T. 0.001 min

Lab File: BG055985.D

Acq: 15 Dec 2022 20:33

Instrument :

BNA_G

ClientSampleId :

OK-2-121422

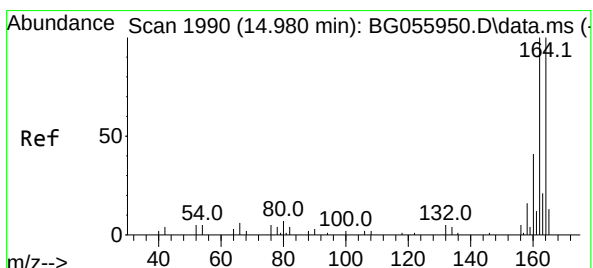
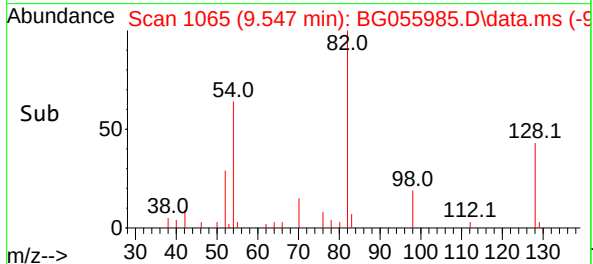
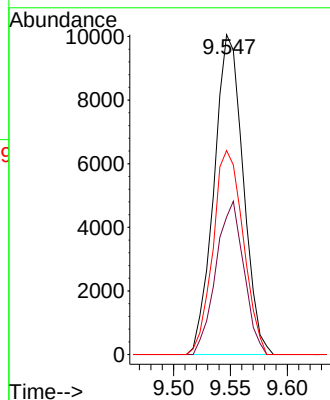
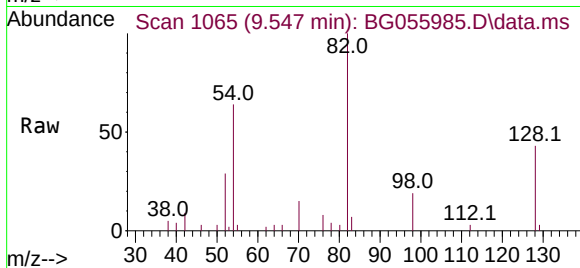
Tgt Ion: 82 Resp: 17924

Ion Ratio Lower Upper

82 100

128 43.0 38.4 57.6

54 63.8 53.3 79.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.981 min Scan# 1990

Delta R.T. 0.001 min

Lab File: BG055985.D

Acq: 15 Dec 2022 20:33

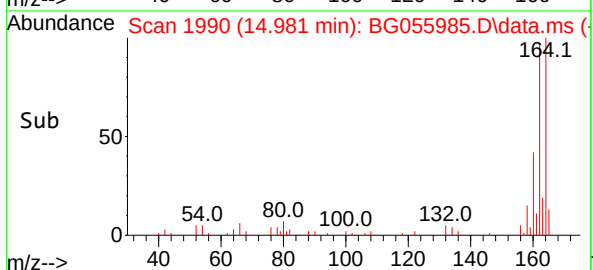
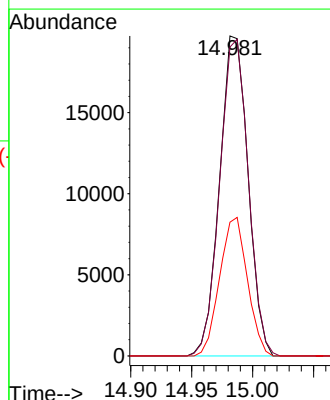
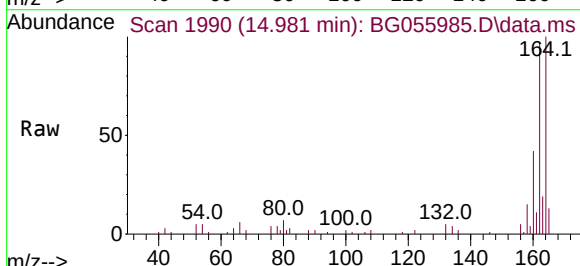
Tgt Ion:164 Resp: 32075

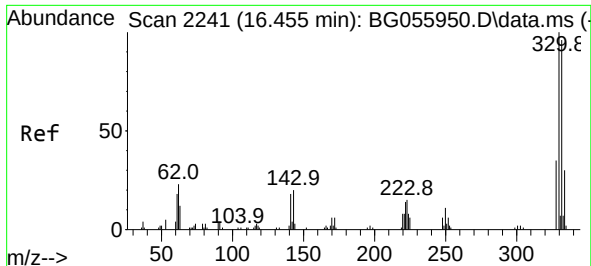
Ion Ratio Lower Upper

164 100

162 96.5 79.8 119.8

160 41.8 33.0 49.4

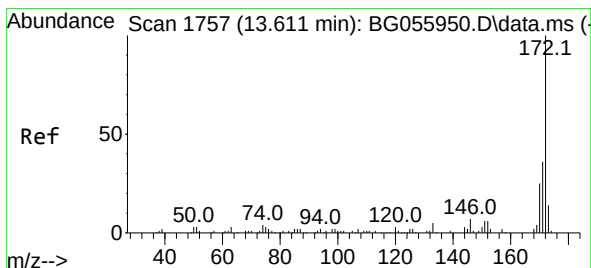
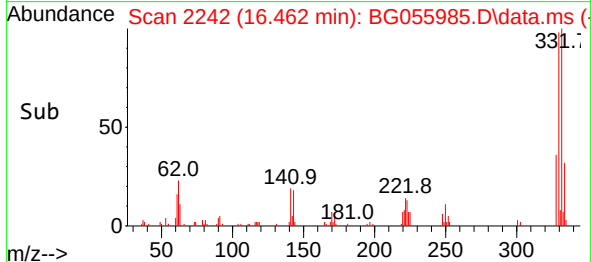
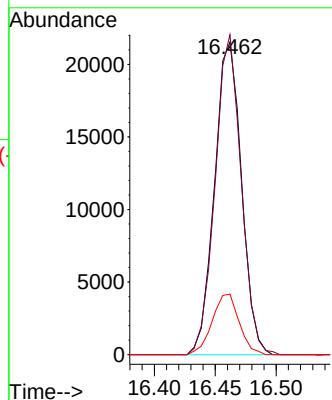
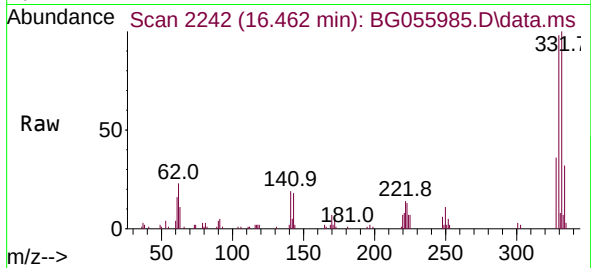




#42
2,4,6-Tribromophenol
Concen: 42.817 ng
RT: 16.462 min Scan# 21
Delta R.T. 0.007 min
Lab File: BG055985.D
Acq: 15 Dec 2022 20:33

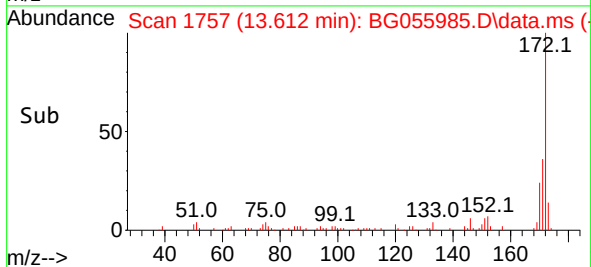
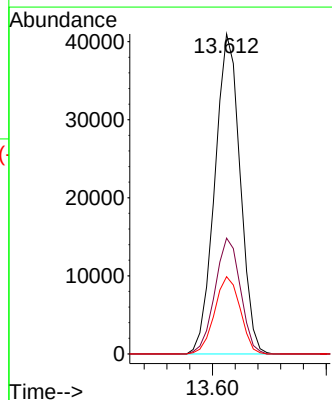
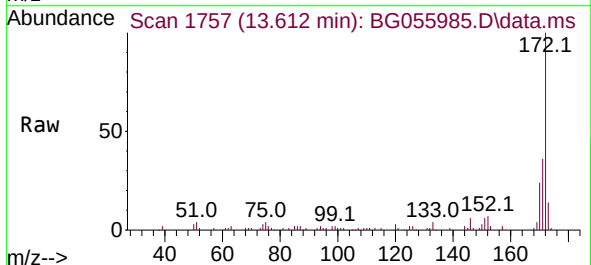
Instrument :
BNA_G
ClientSampleId :
OK-2-121422

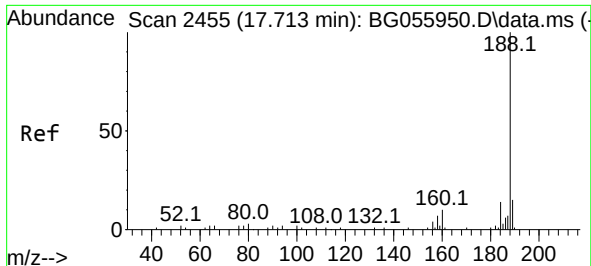
Tgt Ion:330 Resp: 33116
Ion Ratio Lower Upper
330 100
332 98.7 76.6 114.8
141 19.4 15.0 22.4



#45
2-Fluorobiphenyl
Concen: 27.681 ng
RT: 13.612 min Scan# 1757
Delta R.T. 0.001 min
Lab File: BG055985.D
Acq: 15 Dec 2022 20:33

Tgt Ion:172 Resp: 63307
Ion Ratio Lower Upper
172 100
171 36.2 28.6 42.8
170 24.1 19.9 29.9

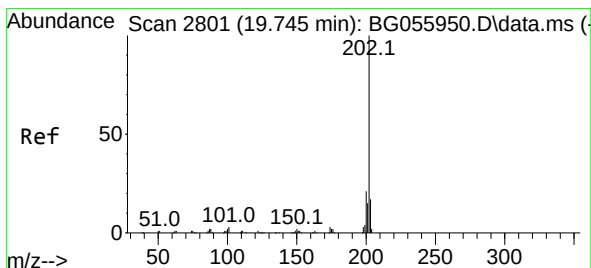
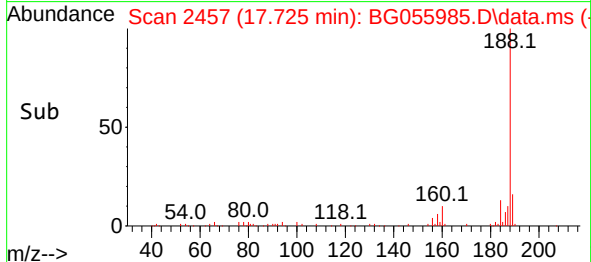
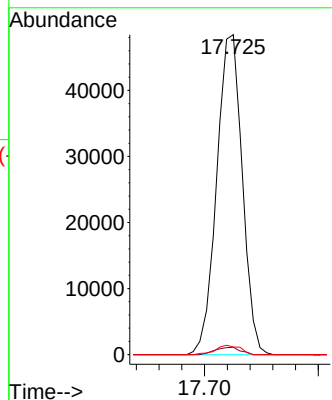
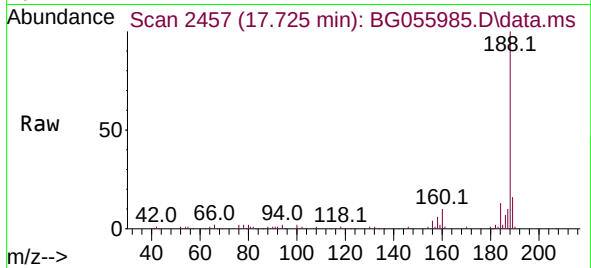




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.725 min Scan# 2455
Delta R.T. 0.013 min
Lab File: BG055985.D
Acq: 15 Dec 2022 20:33

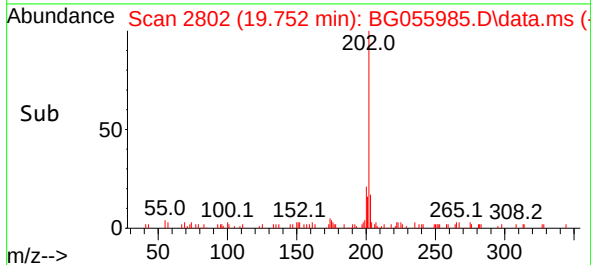
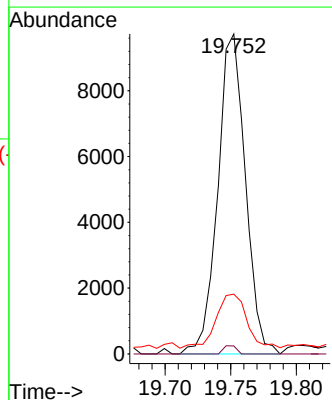
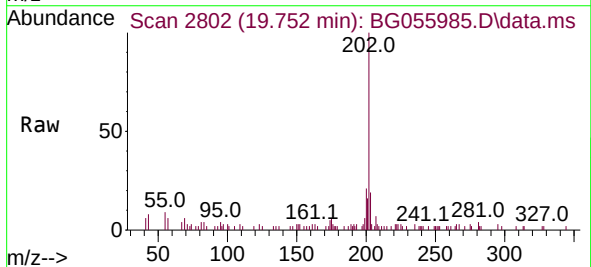
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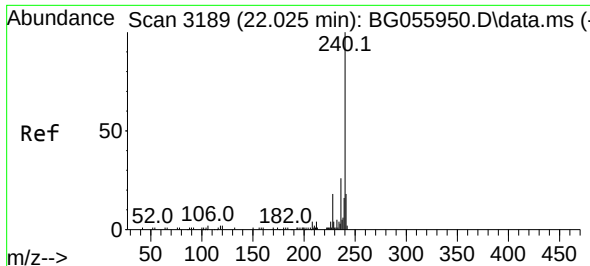
Tgt Ion:188 Resp: 75555
Ion Ratio Lower Upper
188 100
94 2.3 1.8 2.8
80 2.4 2.4 3.6#



#75
Fluoranthene
Concen: 2.568 ng
RT: 19.752 min Scan# 2802
Delta R.T. 0.007 min
Lab File: BG055985.D
Acq: 15 Dec 2022 20:33

Tgt Ion:202 Resp: 14239
Ion Ratio Lower Upper
202 100
101 2.5 0.0 22.6
203 18.7 0.0 37.1

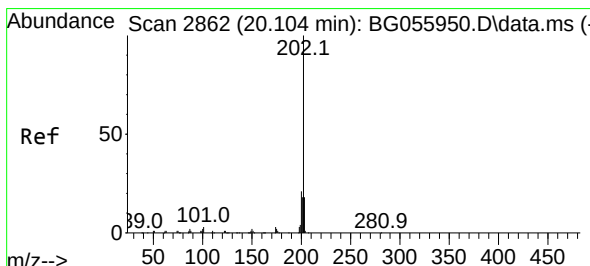
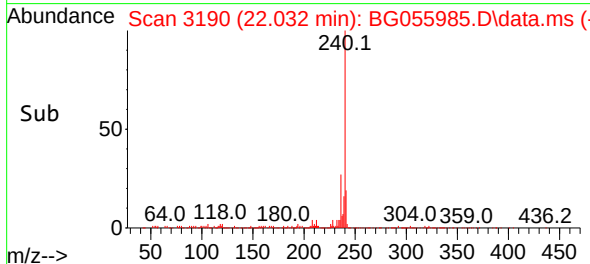
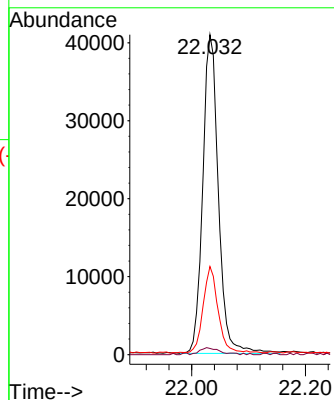
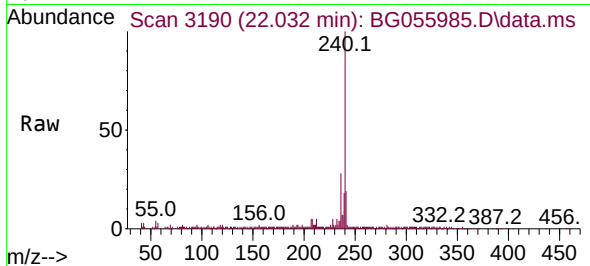




#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.032 min Scan# 3189
Delta R.T. 0.007 min
Lab File: BG055985.D
Acq: 15 Dec 2022 20:33

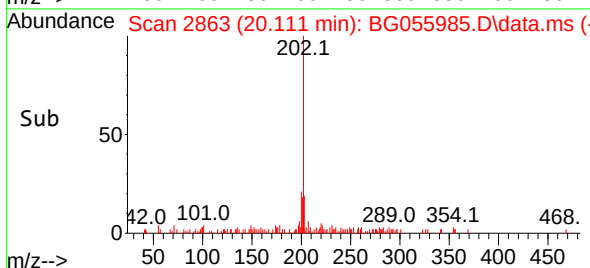
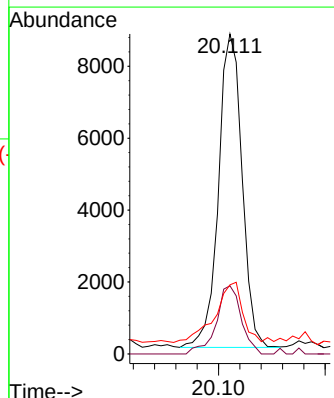
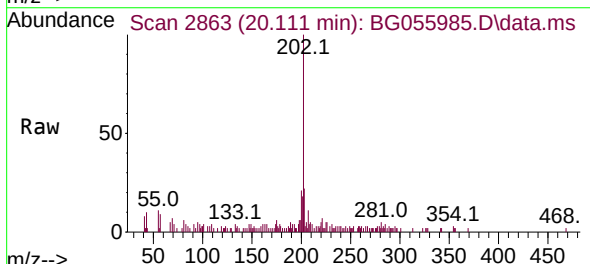
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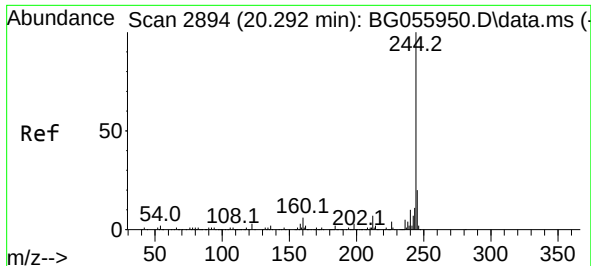
Tgt Ion:240 Resp: 78108
Ion Ratio Lower Upper
240 100
120 1.9 1.7 2.5
236 27.5 21.1 31.7



#78
Pyrene
Concen: 2.834 ng
RT: 20.111 min Scan# 2863
Delta R.T. 0.007 min
Lab File: BG055985.D
Acq: 15 Dec 2022 20:33

Tgt Ion:202 Resp: 13394
Ion Ratio Lower Upper
202 100
200 21.3 16.7 25.1
203 21.6 14.6 21.8

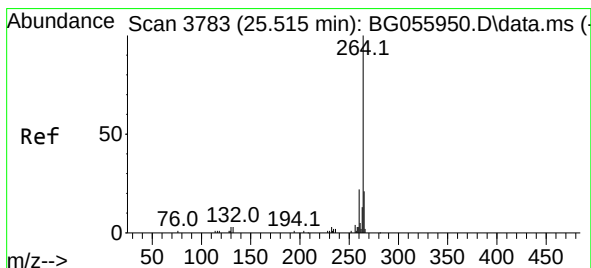
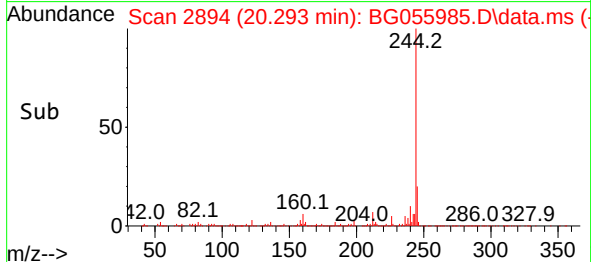
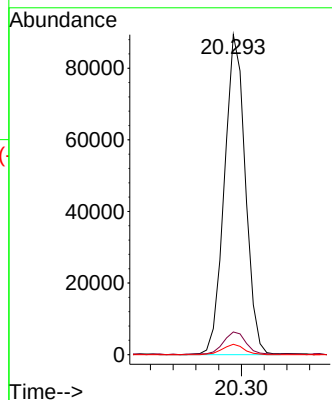
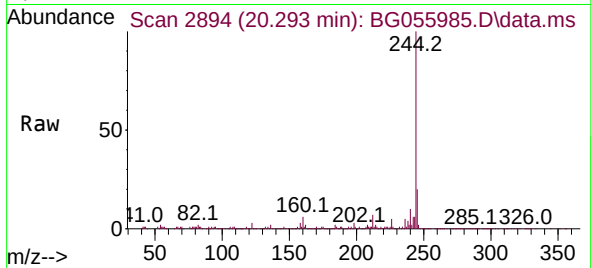




#79
 Terphenyl-d14
 Concen: 25.876 ng
 RT: 20.293 min Scan# 2894
 Delta R.T. 0.001 min
 Lab File: BG055985.D
 Acq: 15 Dec 2022 20:33

Instrument :
 BNA_G
 ClientSampleId :
 OK-2-121422

Tgt Ion:244 Resp: 114358
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 3.2 2.5 3.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.546 min Scan# 3788
 Delta R.T. 0.030 min
 Lab File: BG055985.D
 Acq: 15 Dec 2022 20:33

Tgt Ion:264 Resp: 73984
 Ion Ratio Lower Upper
 264 100
 260 25.1 17.8 26.8
 265 25.8 16.6 25.0#

