

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011724\
 Data File : BG060345.D
 Acq On : 17 Jan 2024 16:28
 Operator : MA/JU
 Sample : P1153-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PAD-A

Quant Time: Jan 17 17:13:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 09 04:07:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.927	152	225350	20.000	ng	0.00
21) Naphthalene-d8	10.729	136	902857	20.000	ng	0.00
39) Acenaphthene-d10	14.566	164	666194	20.000	ng	0.00
64) Phenanthrene-d10	17.310	188	1606705	20.000	ng	# 0.00
76) Chrysene-d12	21.575	240	1462010	20.000	ng	0.00
86) Perylene-d12	24.742	264	1707022	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.506	112	1765598	128.868	ng	0.00
7) Phenol-d6	7.092	99	2629638	129.617	ng	0.00
23) Nitrobenzene-d5	9.090	82	1781410	93.169	ng	0.00
42) 2,4,6-Tribromophenol	16.052	330	957961	97.735	ng	0.00
45) 2-Fluorobiphenyl	13.185	172	4024037	83.980	ng	0.00
79) Terphenyl-d14	19.936	244	4951496	85.658	ng	0.00

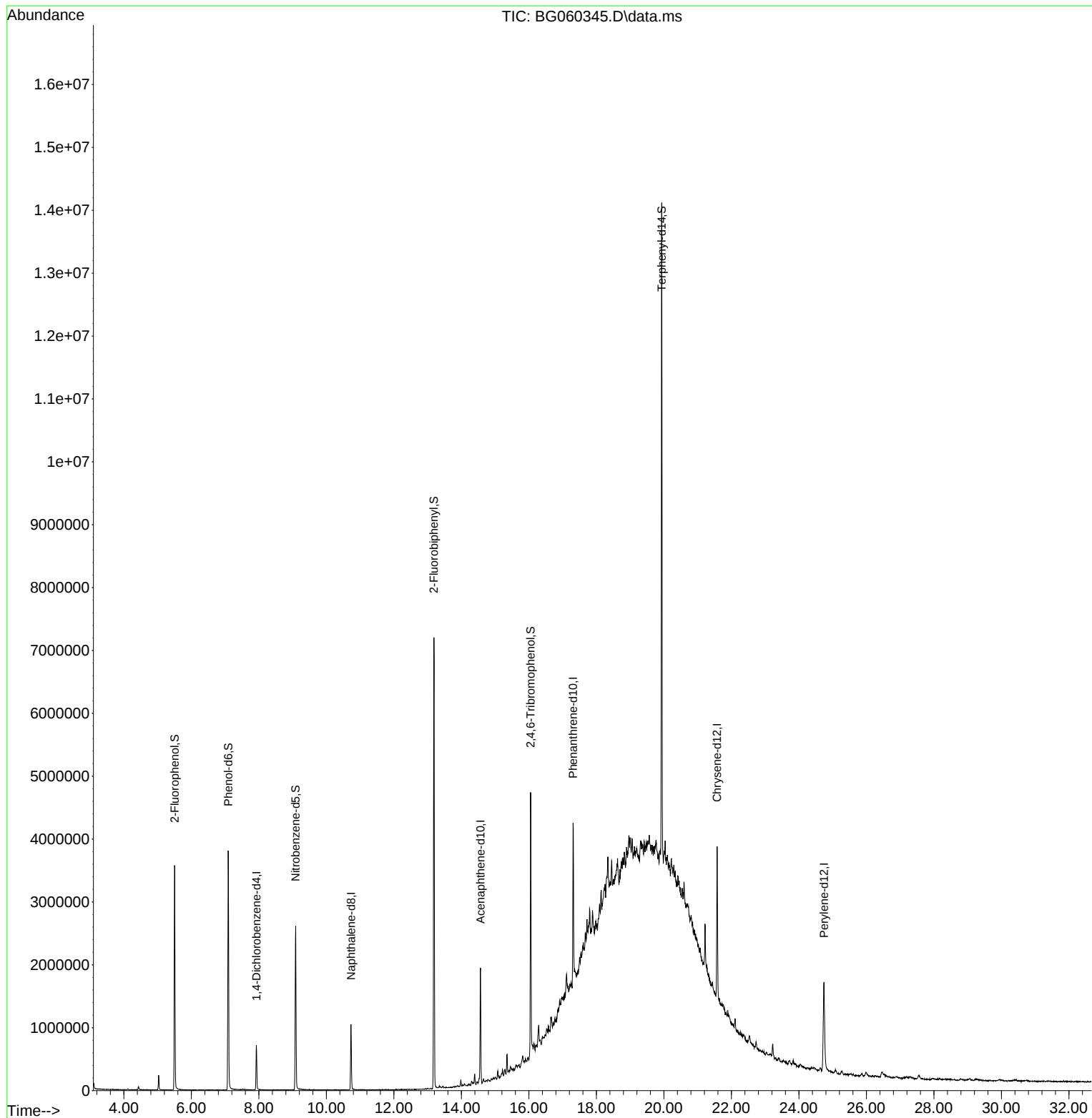
Target Compounds	Qvalue

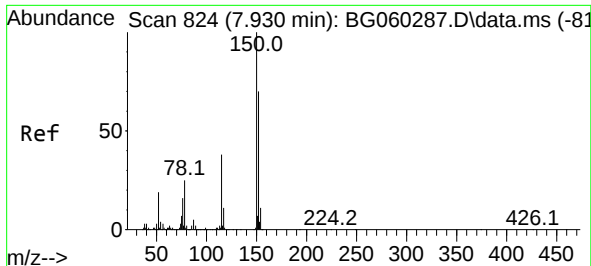
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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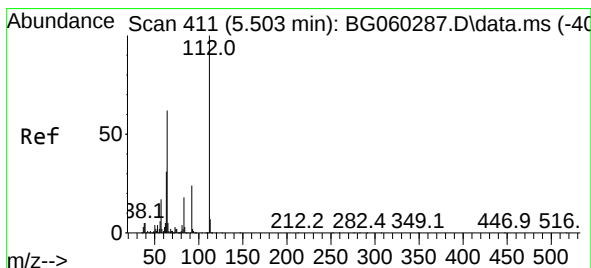
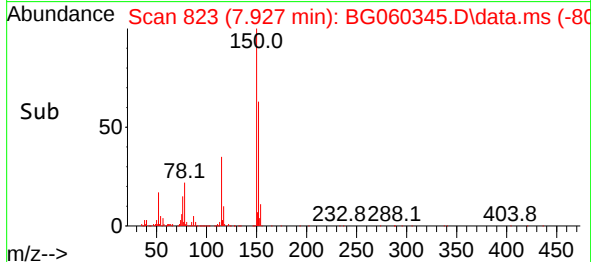
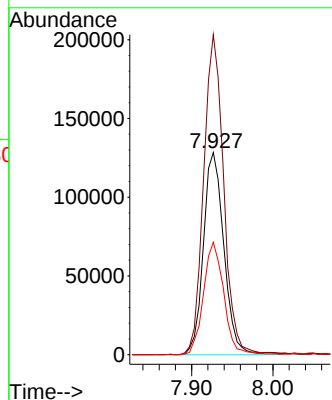
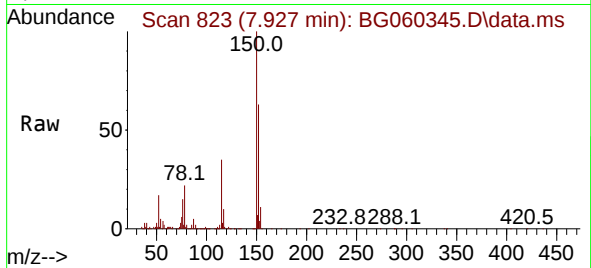




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.927 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG060345.D
Acq: 17 Jan 2024 16:28

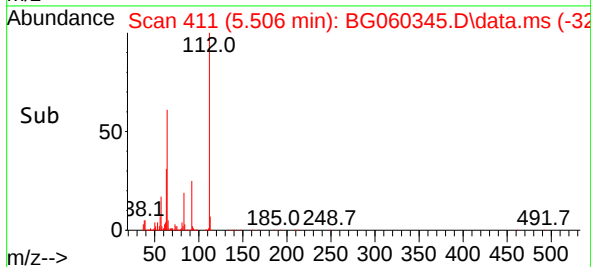
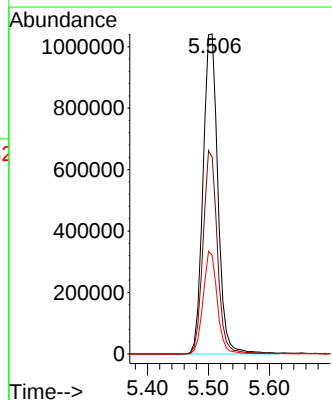
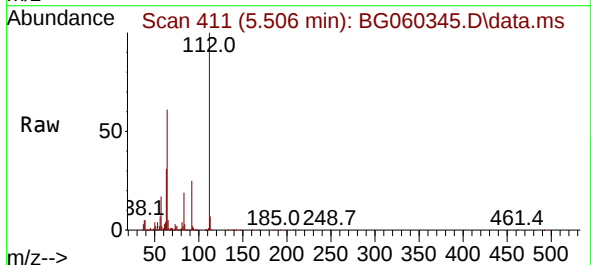
Instrument :
BNA_G
ClientSampleId :
PAD-A

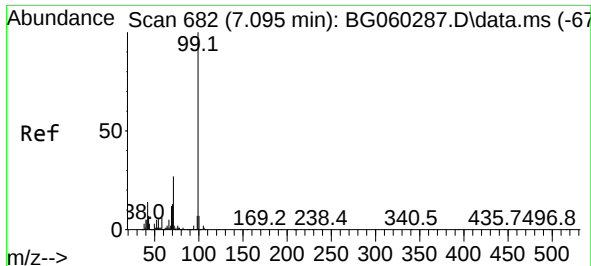
Tgt Ion:152 Resp: 225350
Ion Ratio Lower Upper
152 100
150 158.3 114.5 171.7
115 55.6 43.0 64.6



#5
2-Fluorophenol
Concen: 128.868 ng
RT: 5.506 min Scan# 411
Delta R.T. 0.003 min
Lab File: BG060345.D
Acq: 17 Jan 2024 16:28

Tgt Ion:112 Resp: 1765598
Ion Ratio Lower Upper
112 100
64 61.4 49.8 74.6
63 30.8 24.4 36.6

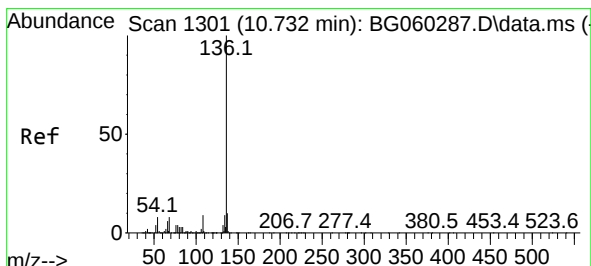
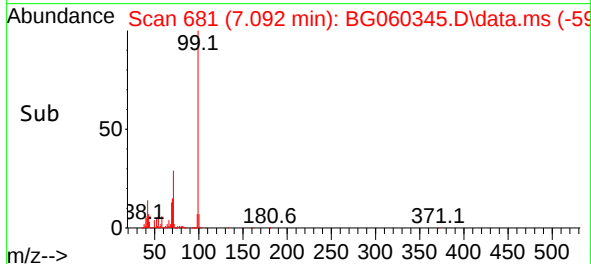
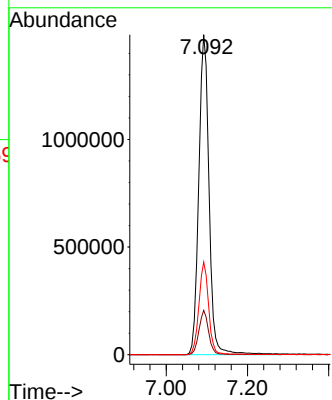
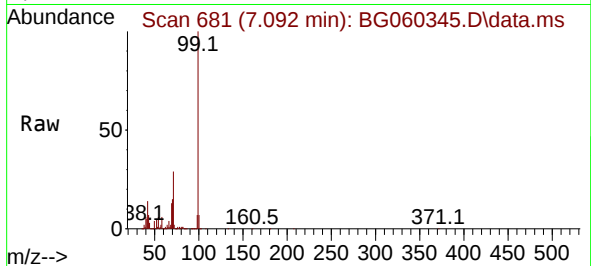




#7
Phenol-d6
Concen: 129.617 ng
RT: 7.092 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG060345.D
Acq: 17 Jan 2024 16:28

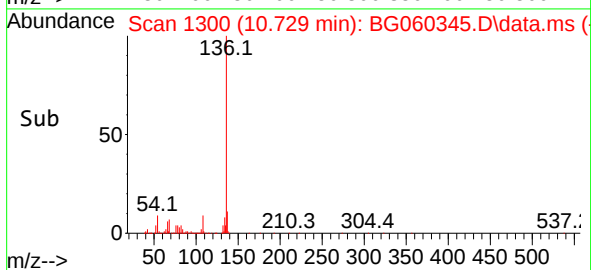
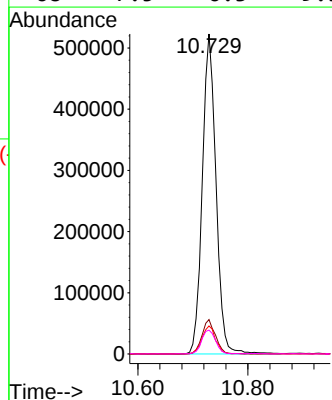
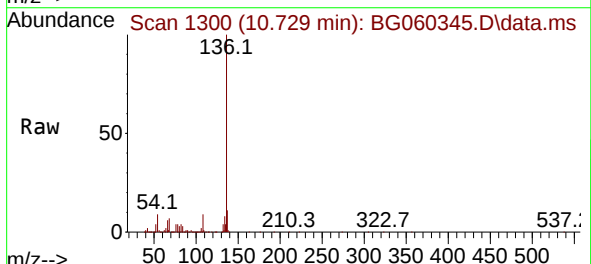
Instrument :
BNA_G
ClientSampleId :
PAD-A

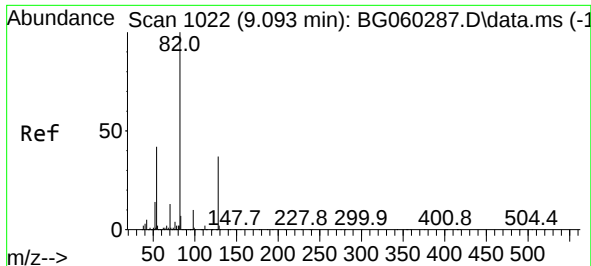
Tgt Ion: 99 Resp: 2629638
Ion Ratio Lower Upper
99 100
42 13.8 10.9 16.3
71 28.9 21.5 32.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.729 min Scan# 1300
Delta R.T. -0.003 min
Lab File: BG060345.D
Acq: 17 Jan 2024 16:28

Tgt Ion: 136 Resp: 902857
Ion Ratio Lower Upper
136 100
137 10.8 8.2 12.4
54 8.7 6.2 9.2
68 7.5 6.3 9.5

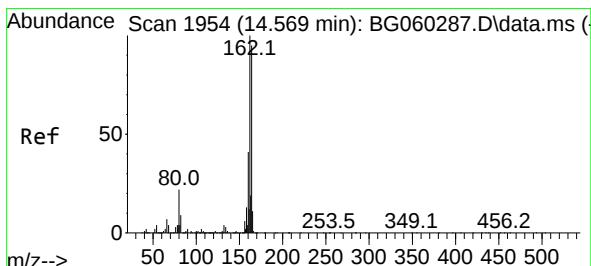
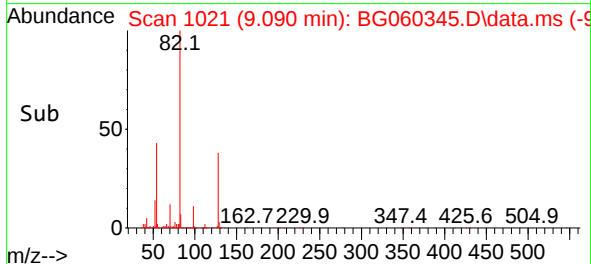
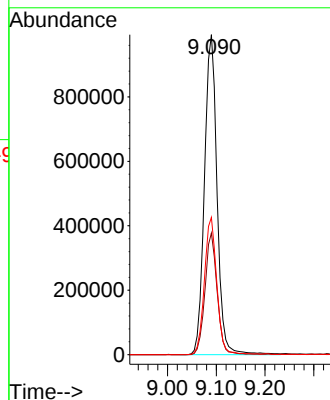
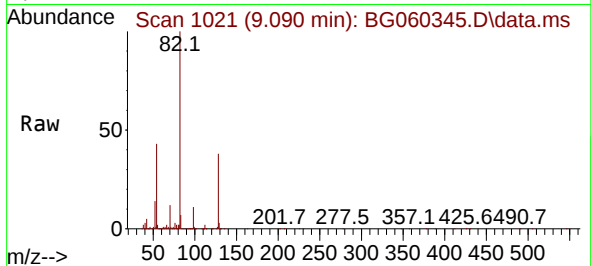




#23
Nitrobenzene-d5
Concen: 93.169 ng
RT: 9.090 min Scan# 1021
Delta R.T. -0.003 min
Lab File: BG060345.D
Acq: 17 Jan 2024 16:28

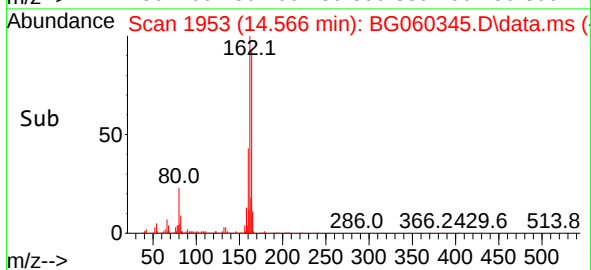
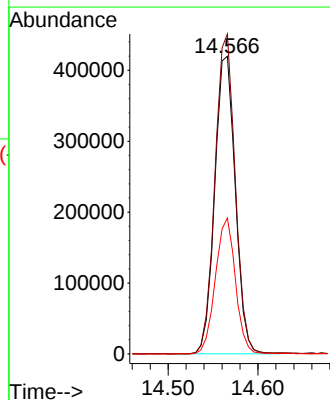
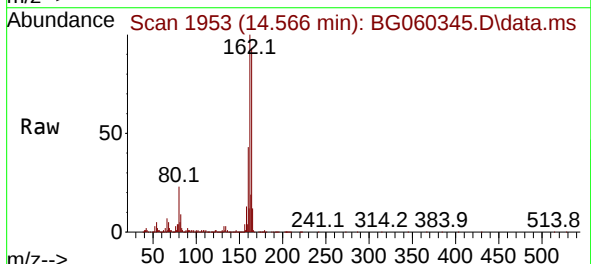
Instrument :
BNA_G
ClientSampleId :
PAD-A

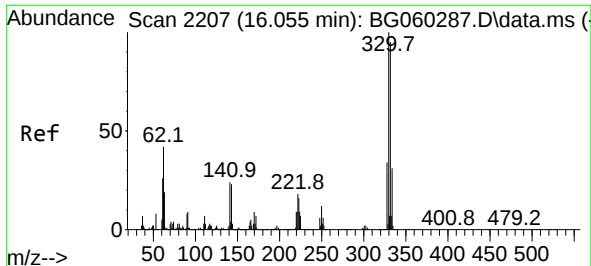
Tgt Ion: 82 Resp: 1781410
Ion Ratio Lower Upper
82 100
128 38.0 29.6 44.4
54 42.9 33.6 50.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.566 min Scan# 1953
Delta R.T. -0.003 min
Lab File: BG060345.D
Acq: 17 Jan 2024 16:28

Tgt Ion:164 Resp: 666194
Ion Ratio Lower Upper
164 100
162 107.5 84.4 126.6
160 45.7 34.6 52.0

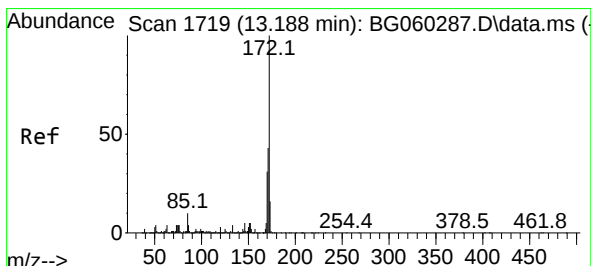
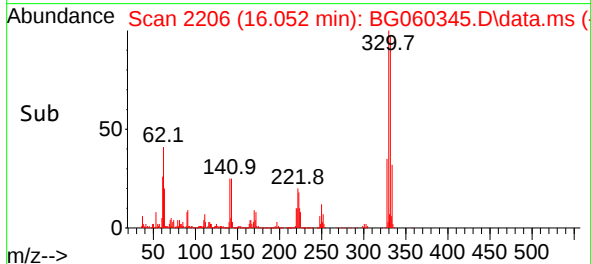
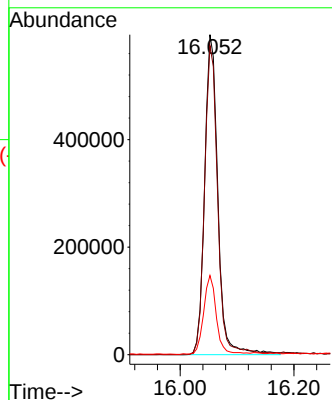
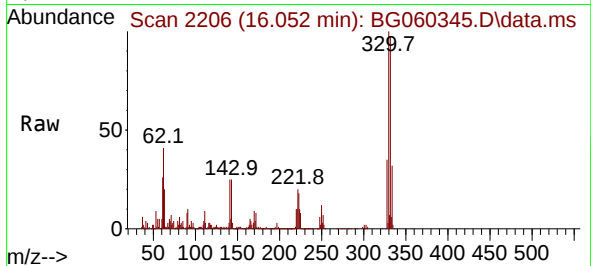




#42
2,4,6-Tribromophenol
Concen: 97.735 ng
RT: 16.052 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG060345.D
Acq: 17 Jan 2024 16:28

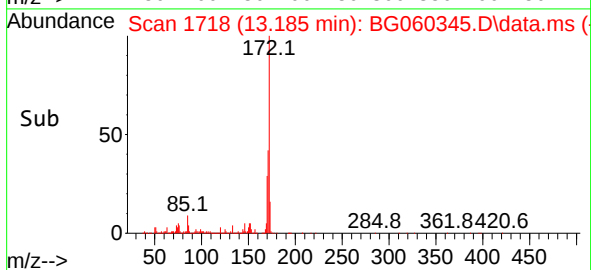
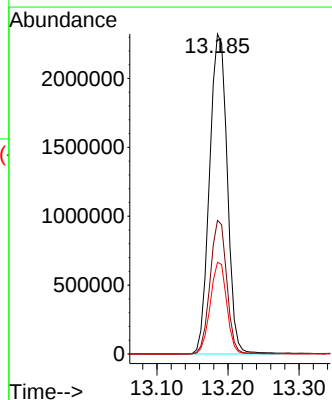
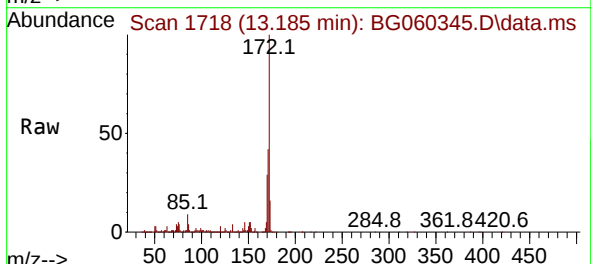
Instrument :
BNA_G
ClientSampleId :
PAD-A

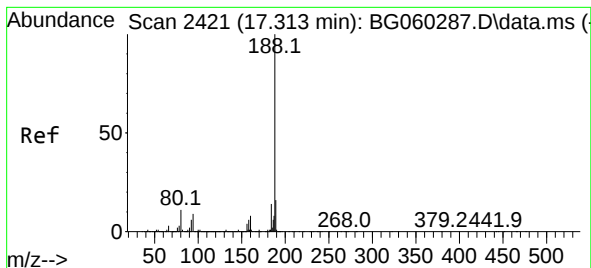
Tgt Ion:330 Resp: 957961
Ion Ratio Lower Upper
330 100
332 95.8 76.7 115.1
141 23.7 18.6 28.0



#45
2-Fluorobiphenyl
Concen: 83.980 ng
RT: 13.185 min Scan# 1718
Delta R.T. -0.003 min
Lab File: BG060345.D
Acq: 17 Jan 2024 16:28

Tgt Ion:172 Resp: 4024037
Ion Ratio Lower Upper
172 100
171 41.8 34.6 51.8
170 28.7 24.4 36.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.310 min Scan# 2421

Delta R.T. -0.003 min

Lab File: BG060345.D

Acq: 17 Jan 2024 16:28

Instrument :

BNA_G

ClientSampleId :

PAD-A

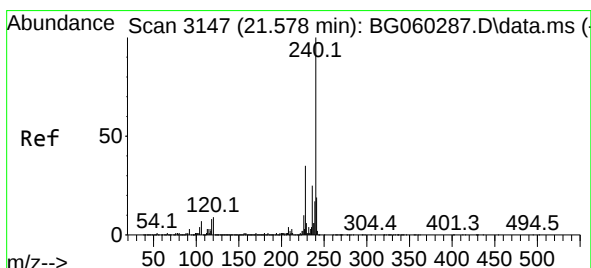
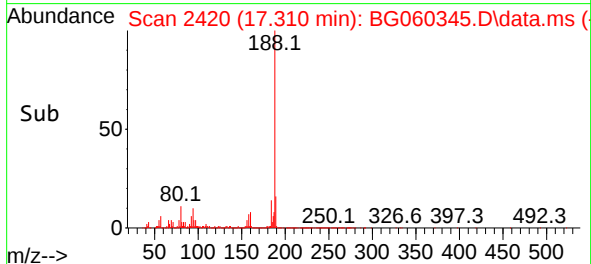
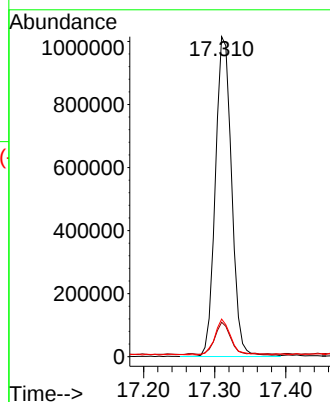
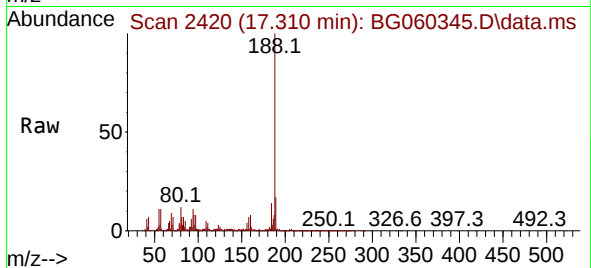
Tgt Ion:188 Resp: 1606705

Ion Ratio Lower Upper

188 100

94 10.8 7.1 10.7#

80 11.8 8.5 12.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.575 min Scan# 3146

Delta R.T. -0.003 min

Lab File: BG060345.D

Acq: 17 Jan 2024 16:28

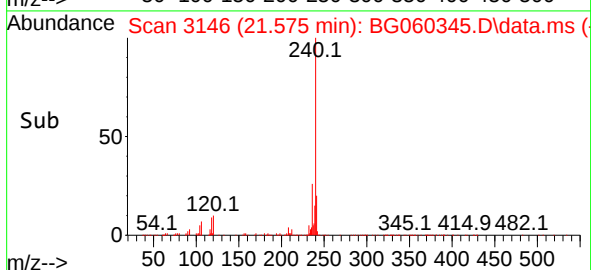
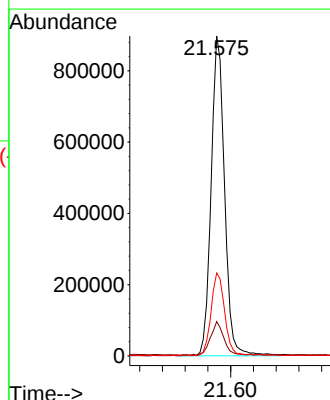
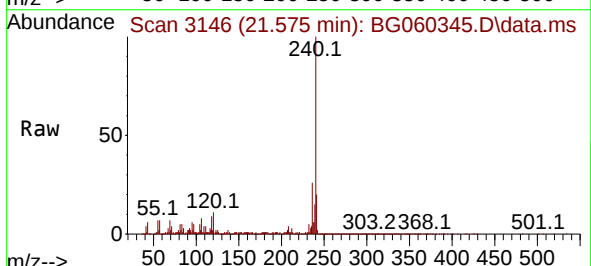
Tgt Ion:240 Resp: 1462010

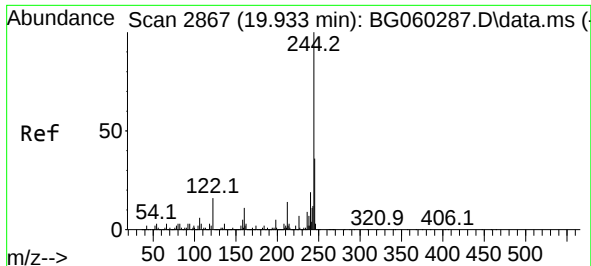
Ion Ratio Lower Upper

240 100

120 10.7 7.3 10.9

236 25.9 20.3 30.5

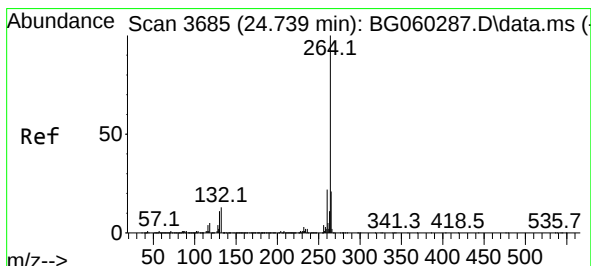
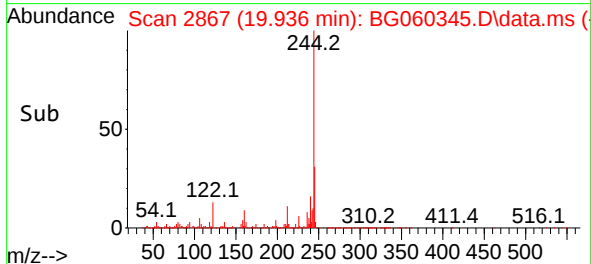
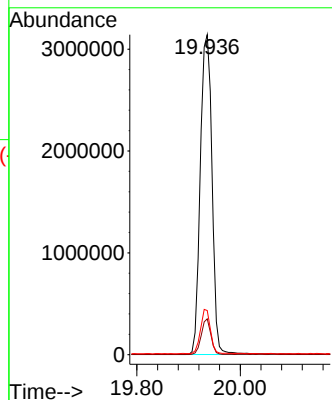
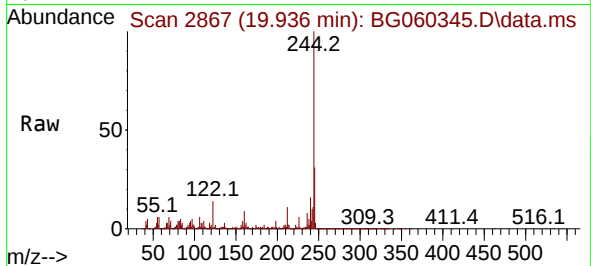




#79
Terphenyl-d14
Concen: 85.658 ng
RT: 19.936 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG060345.D
Acq: 17 Jan 2024 16:28

Instrument :
BNA_G
ClientSampleId :
PAD-A

Tgt Ion:244 Resp: 4951496
Ion Ratio Lower Upper
244 100
212 11.2 10.9 16.3
122 13.8 12.6 18.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.742 min Scan# 3685
Delta R.T. 0.003 min
Lab File: BG060345.D
Acq: 17 Jan 2024 16:28

Tgt Ion:264 Resp: 1707022
Ion Ratio Lower Upper
264 100
260 24.0 17.8 26.6
265 21.4 16.8 25.2

