

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG013124\
 Data File : BG060509.D
 Acq On : 31 Jan 2024 14:50
 Operator : MA/JU
 Sample : P1277-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-41

Quant Time: Feb 01 00:11:34 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	7.920	152	129627	20.000	ng	0.00
21) Naphthalene-d8	10.723	136	527145	20.000	ng	0.00
39) Acenaphthene-d10	14.559	164	396341	20.000	ng	0.00
64) Phenanthrene-d10	17.303	188	1066843	20.000	ng	0.00
76) Chrysene-d12	21.569	240	1059615	20.000	ng	0.00
86) Perylene-d12	24.730	264	1180971	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	1014181	128.685	ng	0.00
7) Phenol-d6	7.092	99	1313457	112.549	ng	0.00
23) Nitrobenzene-d5	9.083	82	966465	86.573	ng	0.00
42) 2,4,6-Tribromophenol	16.052	330	908055	155.720	ng	0.00
45) 2-Fluorobiphenyl	13.179	172	2457576	86.209	ng	0.00
79) Terphenyl-d14	19.929	244	4619589	148.310	ng	0.00

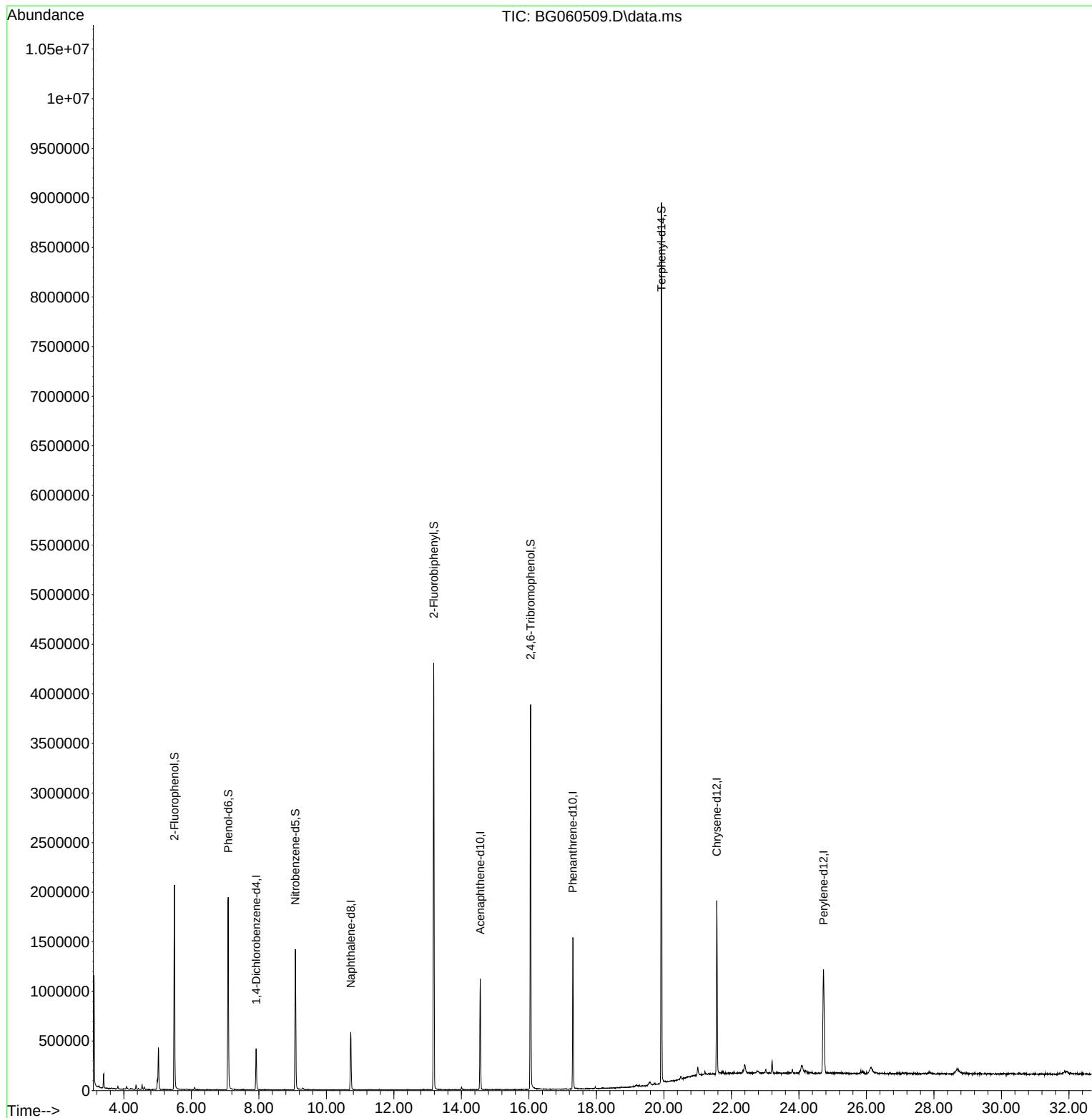
Target Compounds	Qvalue

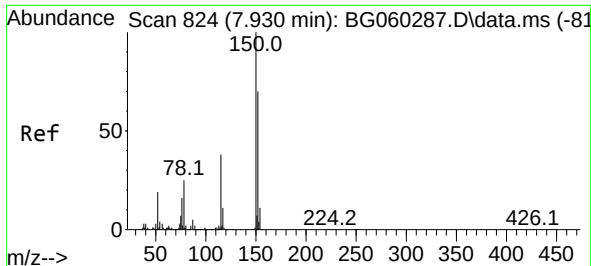
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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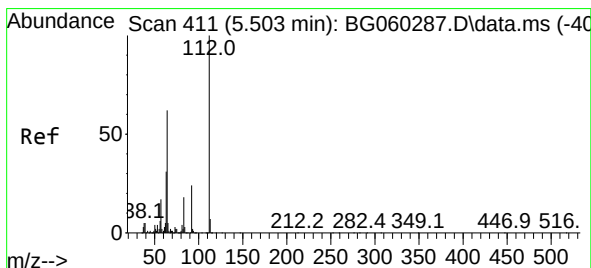
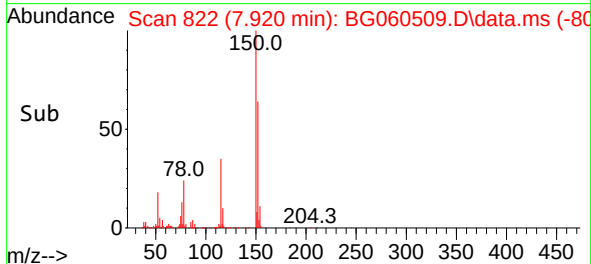
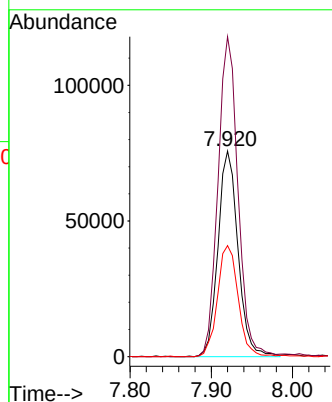
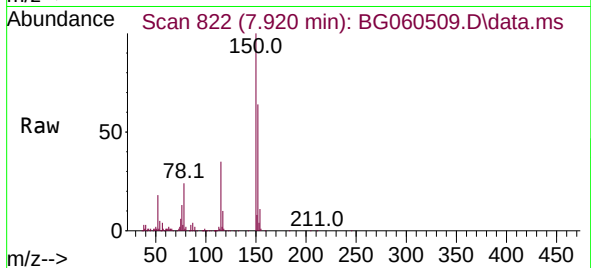




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.920 min Scan# 81
Delta R.T. -0.010 min
Lab File: BG060509.D
Acq: 31 Jan 2024 14:50

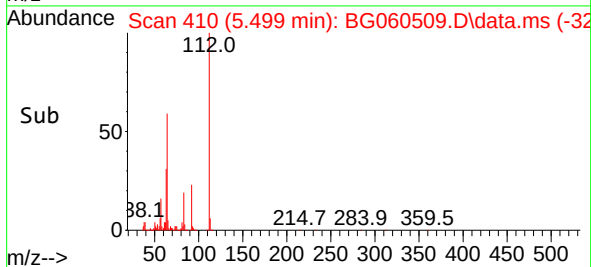
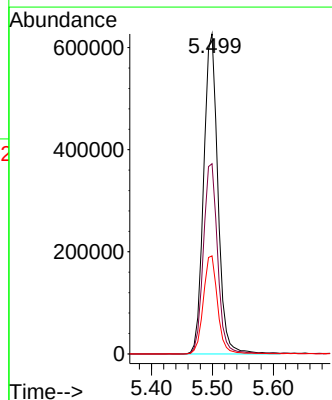
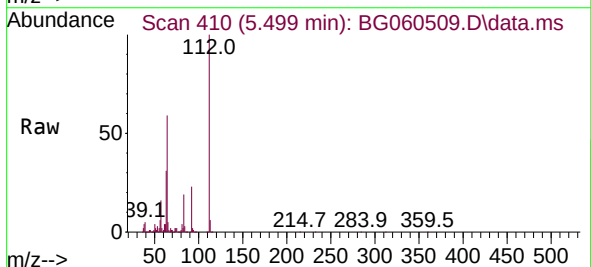
Instrument :
BNA_G
ClientSampleId :
TP-41

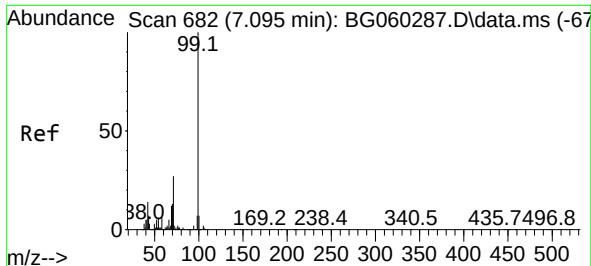
Tgt Ion:152 Resp: 129627
Ion Ratio Lower Upper
152 100
150 155.7 114.5 171.7
115 54.0 43.0 64.6



#5
2-Fluorophenol
Concen: 128.685 ng
RT: 5.499 min Scan# 410
Delta R.T. -0.004 min
Lab File: BG060509.D
Acq: 31 Jan 2024 14:50

Tgt Ion:112 Resp: 1014181
Ion Ratio Lower Upper
112 100
64 59.4 49.8 74.6
63 30.6 24.4 36.6

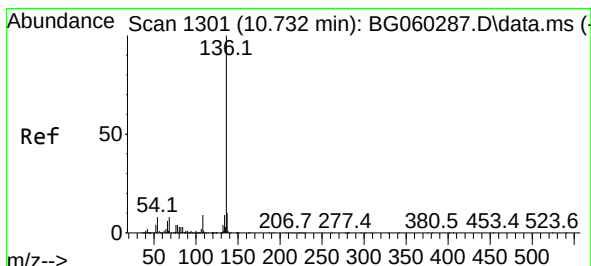
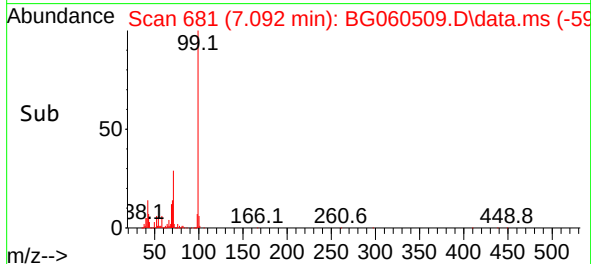
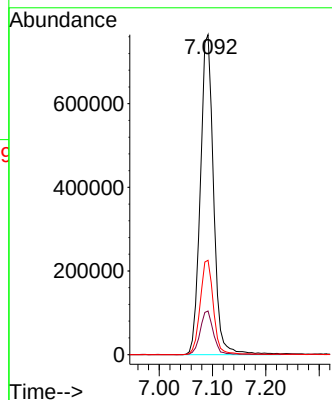
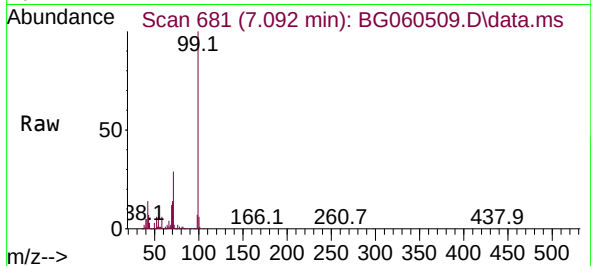




#7
Phenol-d6
Concen: 112.549 ng
RT: 7.092 min Scan# 681
Delta R.T. -0.004 min
Lab File: BG060509.D
Acq: 31 Jan 2024 14:50

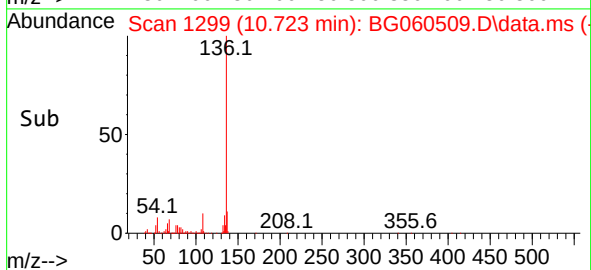
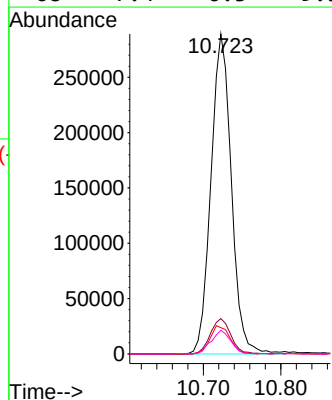
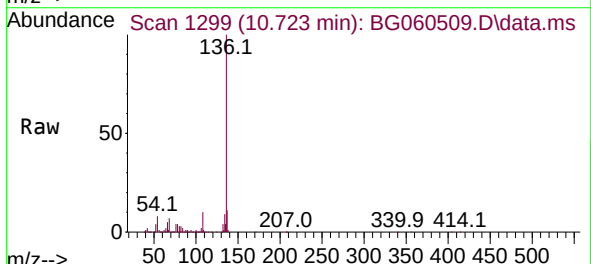
Instrument :
BNA_G
ClientSampleId :
TP-41

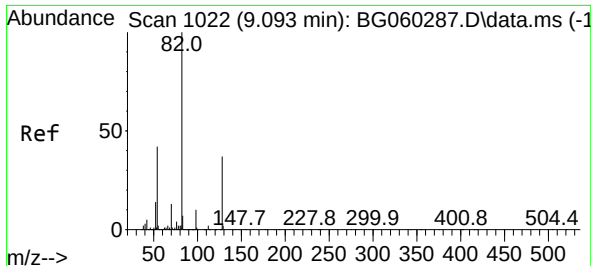
Tgt Ion: 99 Resp: 1313457
Ion Ratio Lower Upper
99 100
42 13.6 10.9 16.3
71 29.5 21.5 32.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.723 min Scan# 1299
Delta R.T. -0.010 min
Lab File: BG060509.D
Acq: 31 Jan 2024 14:50

Tgt Ion: 136 Resp: 527145
Ion Ratio Lower Upper
136 100
137 11.0 8.2 12.4
54 8.2 6.2 9.2
68 7.4 6.3 9.5

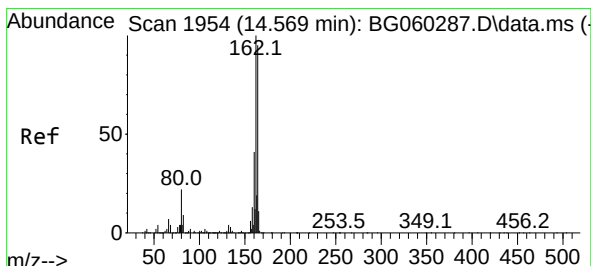
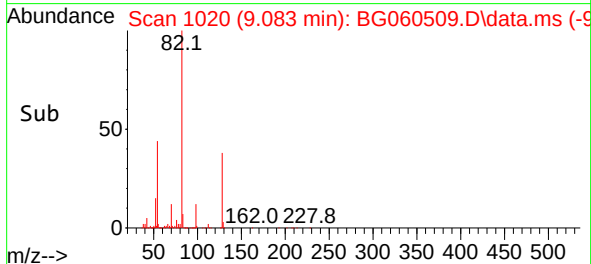
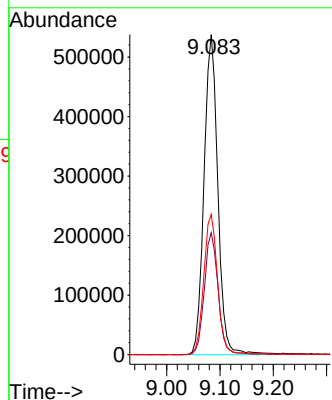
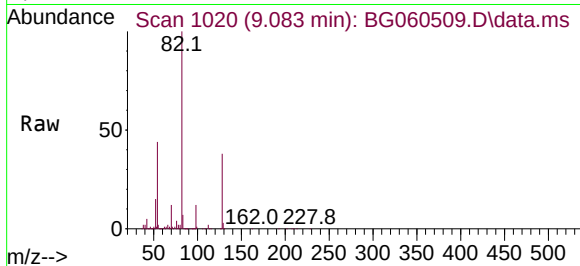




#23
Nitrobenzene-d5
Concen: 86.573 ng
RT: 9.083 min Scan# 1020
Delta R.T. -0.010 min
Lab File: BG060509.D
Acq: 31 Jan 2024 14:50

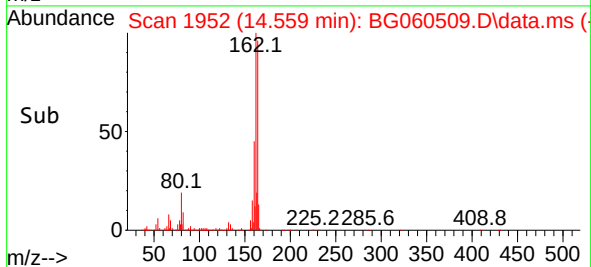
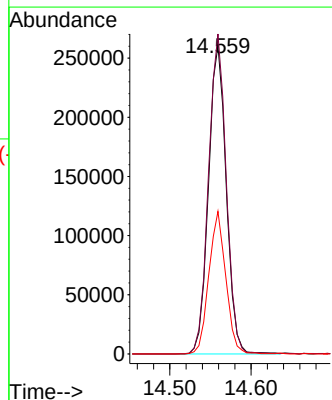
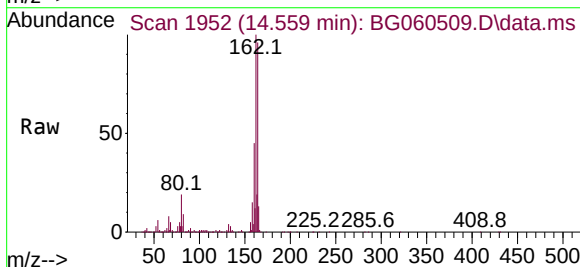
Instrument :
BNA_G
ClientSampleId :
TP-41

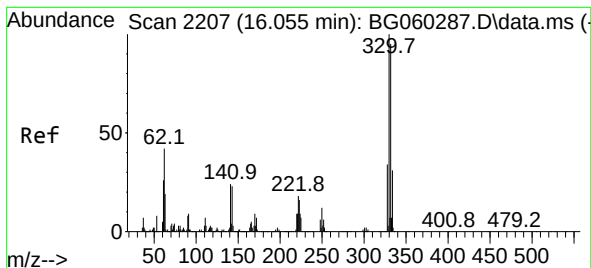
Tgt Ion: 82 Resp: 966465
Ion Ratio Lower Upper
82 100
128 38.1 29.6 44.4
54 43.8 33.6 50.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.559 min Scan# 1952
Delta R.T. -0.010 min
Lab File: BG060509.D
Acq: 31 Jan 2024 14:50

Tgt Ion:164 Resp: 396341
Ion Ratio Lower Upper
164 100
162 103.8 84.4 126.6
160 46.2 34.6 52.0





#42

2,4,6-Tribromophenol

Concen: 155.720 ng

RT: 16.052 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG060509.D

Acq: 31 Jan 2024 14:50

Instrument :

BNA_G

ClientSampleId :

TP-41

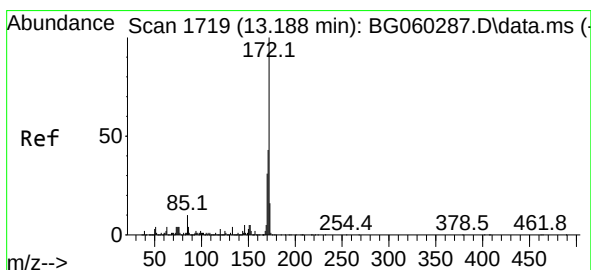
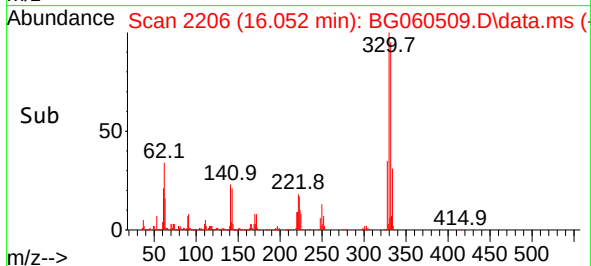
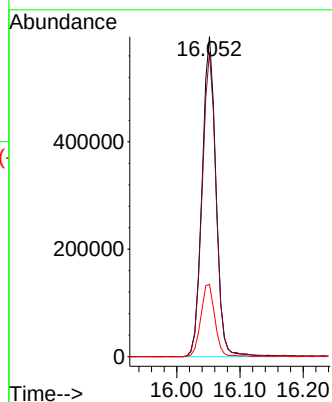
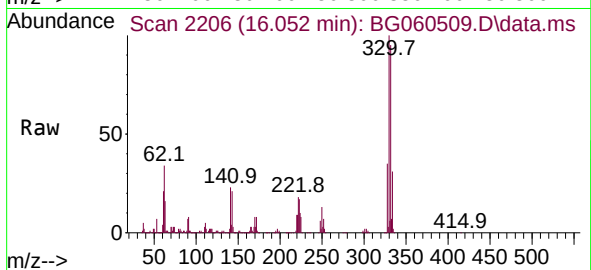
Tgt Ion:330 Resp: 908055

Ion Ratio Lower Upper

330 100

332 95.6 76.7 115.1

141 23.0 18.6 28.0



#45

2-Fluorobiphenyl

Concen: 86.209 ng

RT: 13.179 min Scan# 1717

Delta R.T. -0.010 min

Lab File: BG060509.D

Acq: 31 Jan 2024 14:50

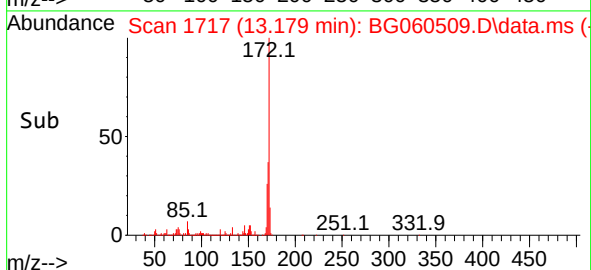
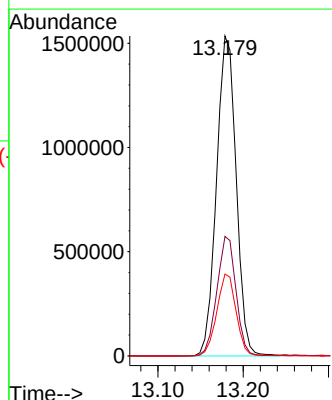
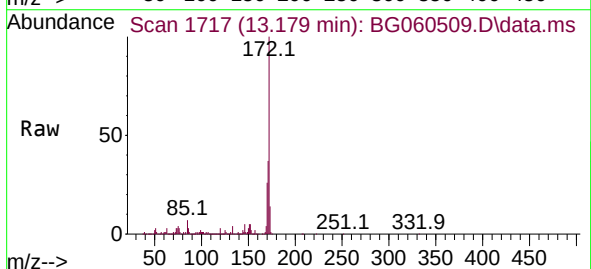
Tgt Ion:172 Resp: 2457576

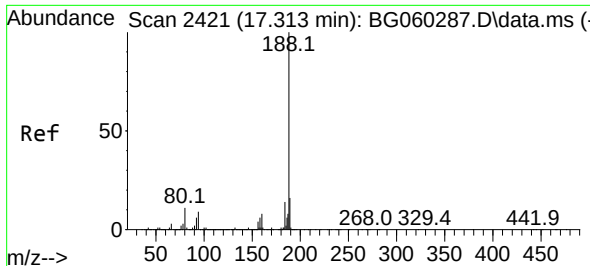
Ion Ratio Lower Upper

172 100

171 37.3 34.6 51.8

170 25.6 24.4 36.6

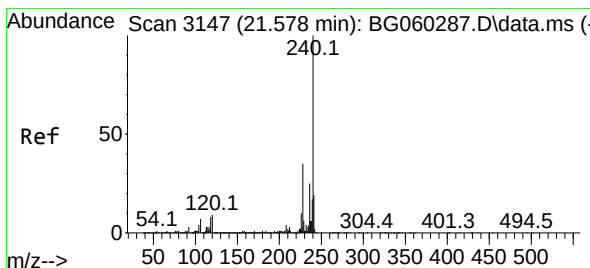
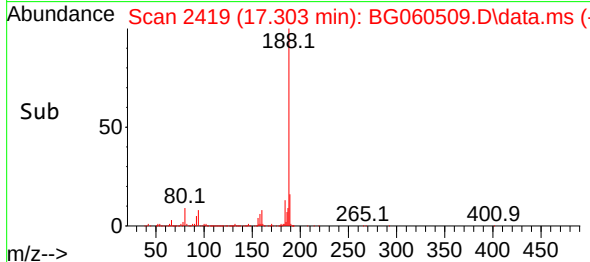
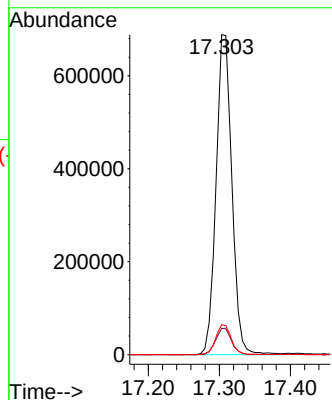
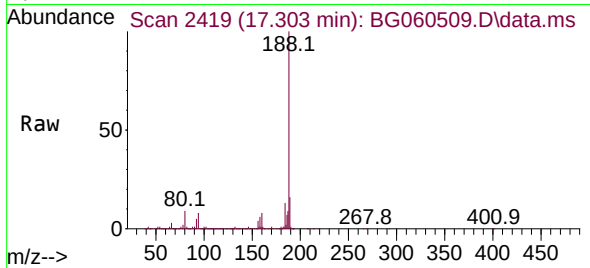




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.303 min Scan# 2419
Delta R.T. -0.010 min
Lab File: BG060509.D
Acq: 31 Jan 2024 14:50

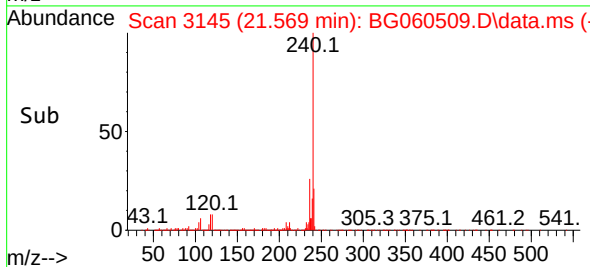
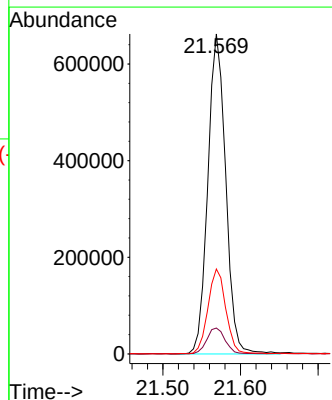
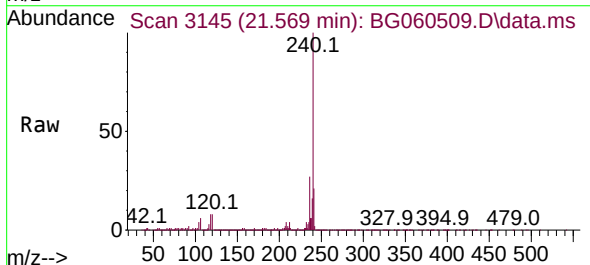
Instrument :
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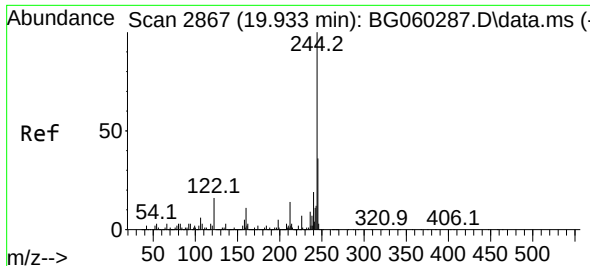
Tgt Ion:188 Resp: 1066843
Ion Ratio Lower Upper
188 100
94 8.2 7.1 10.7
80 9.4 8.5 12.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.569 min Scan# 3145
Delta R.T. -0.010 min
Lab File: BG060509.D
Acq: 31 Jan 2024 14:50

Tgt Ion:240 Resp: 1059615
Ion Ratio Lower Upper
240 100
120 8.1 7.3 10.9
236 26.5 20.3 30.5

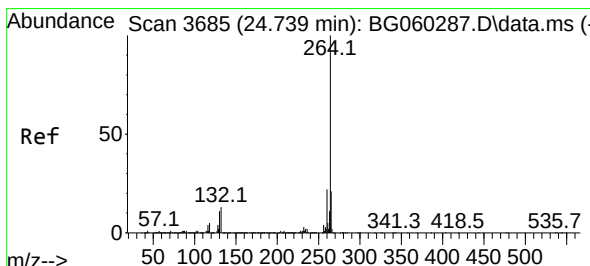
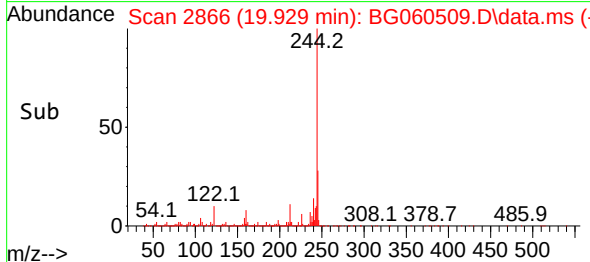
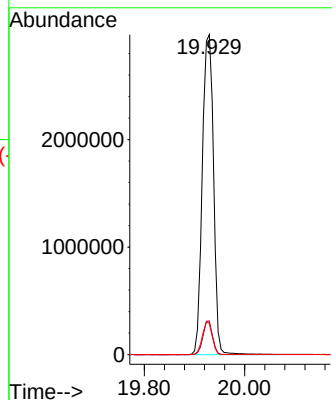
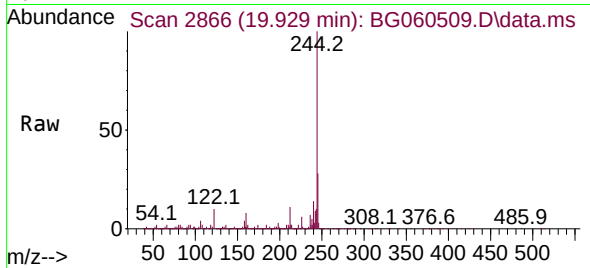




#79
 Terphenyl-d14
 Concen: 148.310 ng
 RT: 19.929 min Scan# 2866
 Delta R.T. -0.004 min
 Lab File: BG060509.D
 Acq: 31 Jan 2024 14:50

Instrument :
 BNA_G
 ClientSampleId :
 TP-41

Tgt Ion:244 Resp: 4619589
 Ion Ratio Lower Upper
 244 100
 212 10.5 10.9 16.3#
 122 9.7 12.6 18.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.730 min Scan# 3683
 Delta R.T. -0.010 min
 Lab File: BG060509.D
 Acq: 31 Jan 2024 14:50

Tgt Ion:264 Resp: 1180971
 Ion Ratio Lower Upper
 264 100
 260 23.2 17.8 26.6
 265 20.4 16.8 25.2

