

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082824\
 Data File : BG062599.D
 Acq On : 28 Aug 2024 17:18
 Operator : MA/JU
 Sample : P3735-18
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-16

Quant Time: Aug 28 18:07:15 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 28 00:59:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.932	152	69849	20.000	ng	0.00
21) Naphthalene-d8	10.723	136	273354	20.000	ng	0.00
39) Acenaphthene-d10	14.553	164	179101	20.000	ng	0.00
64) Phenanthrene-d10	17.297	188	492448	20.000	ng	0.00
76) Chrysene-d12	21.539	240	505129	20.000	ng	0.00
86) Perylene-d12	24.618	264	581577	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.517	112	606616	155.797	ng	0.00
7) Phenol-d6	7.103	99	713011	128.562	ng	0.00
23) Nitrobenzene-d5	9.083	82	432786	105.075	ng	0.00
42) 2,4,6-Tribromophenol	16.040	330	403665	204.034	ng	0.00
45) 2-Fluorobiphenyl	13.179	172	1096169	100.638	ng	0.00
79) Terphenyl-d14	19.918	244	2568188	106.298	ng	0.00

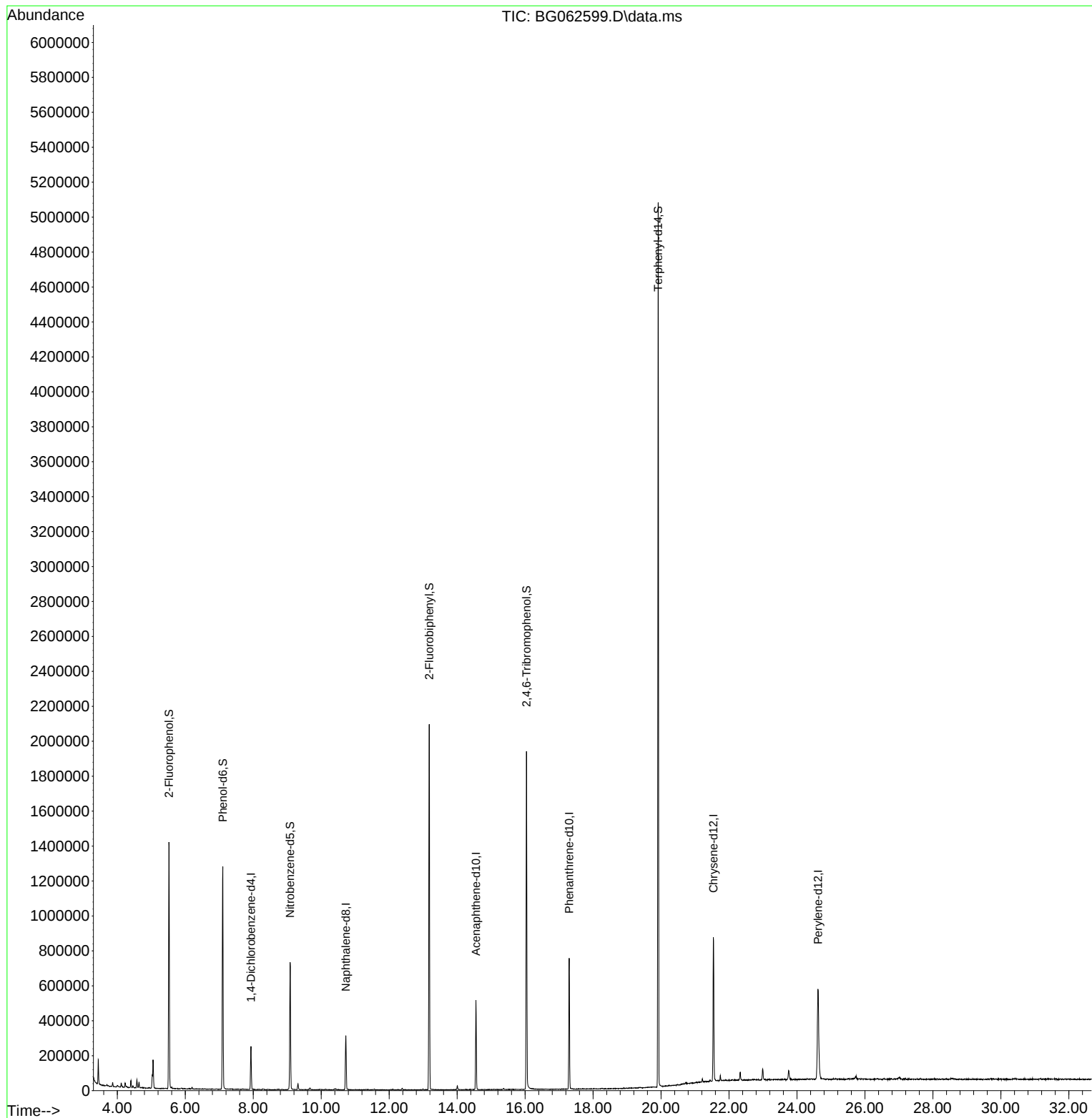
Target Compounds	Qvalue

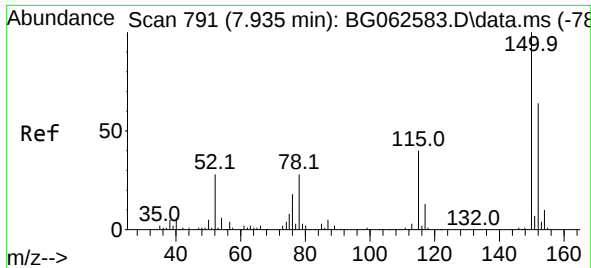
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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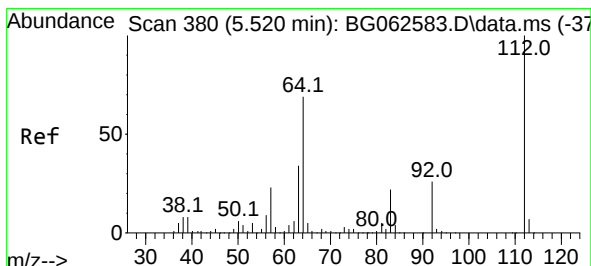
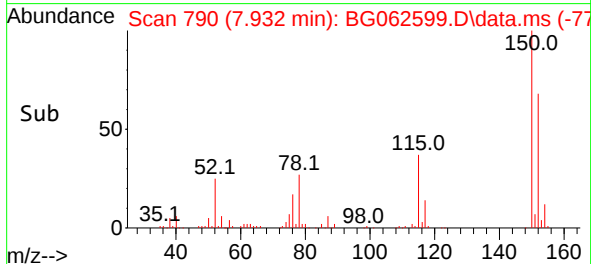
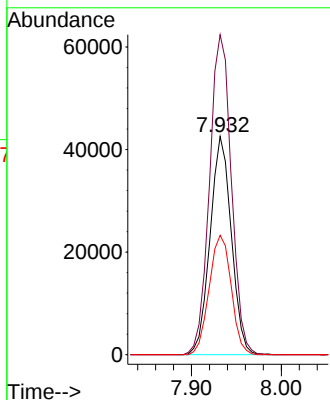
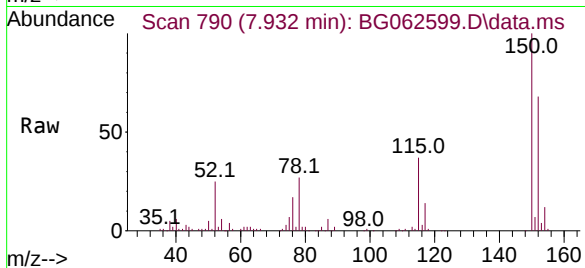




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.932 min Scan# 791
Delta R.T. -0.003 min
Lab File: BG062599.D
Acq: 28 Aug 2024 17:18

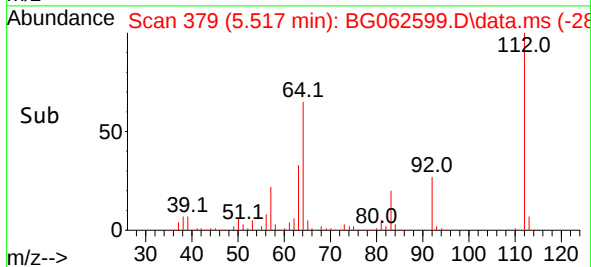
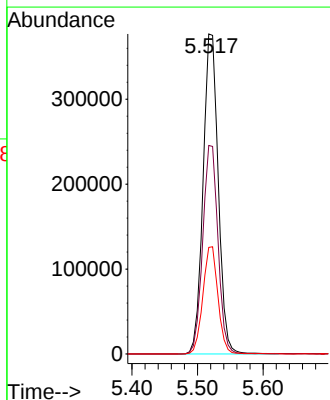
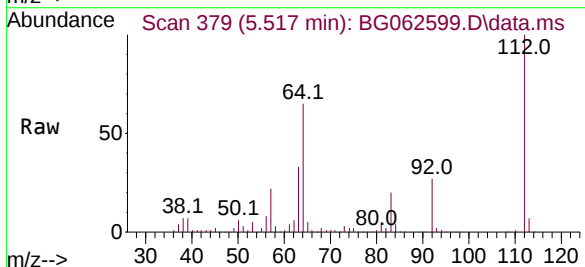
Instrument :
BNA_G
ClientSampleId :
WC-16

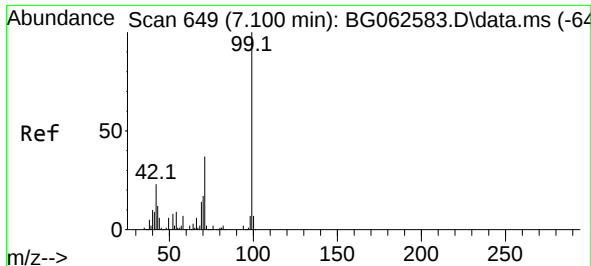
Tgt Ion:152 Resp: 69849
Ion Ratio Lower Upper
152 100
150 146.7 125.1 187.7
115 54.7 50.6 76.0



#5
2-Fluorophenol
Concen: 155.797 ng
RT: 5.517 min Scan# 379
Delta R.T. -0.003 min
Lab File: BG062599.D
Acq: 28 Aug 2024 17:18

Tgt Ion:112 Resp: 606616
Ion Ratio Lower Upper
112 100
64 65.2 55.5 83.3
63 33.3 27.4 41.2

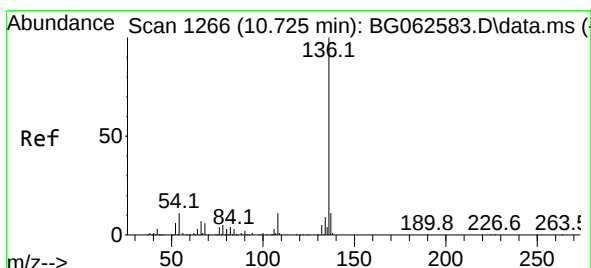
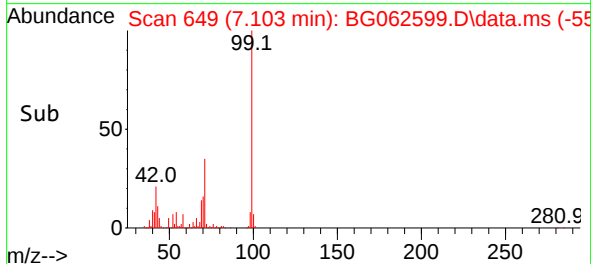
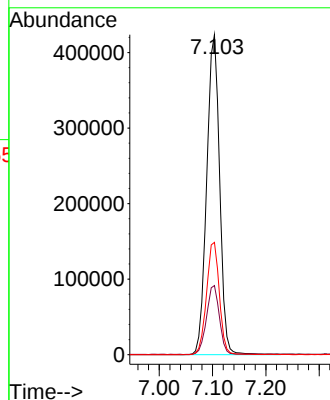
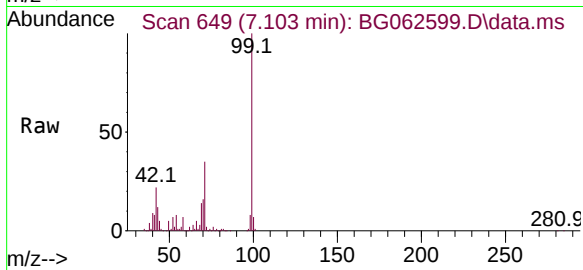




#7
Phenol-d6
Concen: 128.562 ng
RT: 7.103 min Scan# 64
Delta R.T. 0.003 min
Lab File: BG062599.D
Acq: 28 Aug 2024 17:18

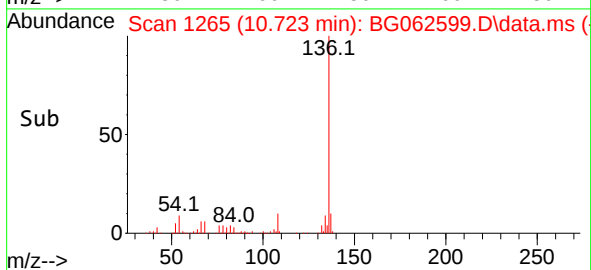
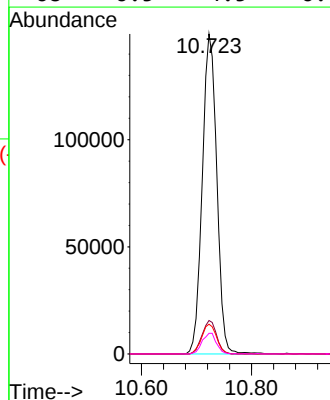
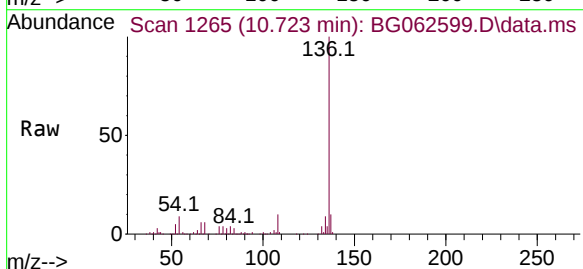
Instrument :
BNA_G
ClientSampleId :
WC-16

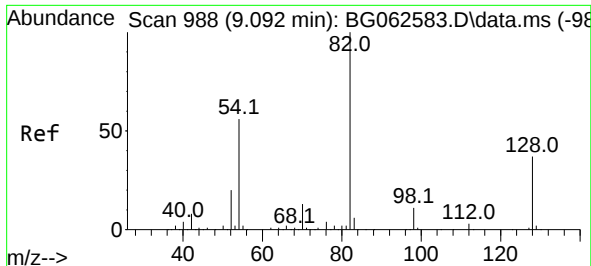
Tgt Ion: 99 Resp: 713011
Ion Ratio Lower Upper
99 100
42 21.6 18.7 28.1
71 35.1 29.8 44.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.723 min Scan# 1265
Delta R.T. -0.003 min
Lab File: BG062599.D
Acq: 28 Aug 2024 17:18

Tgt Ion:136 Resp: 273354
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 9.3 9.0 13.4
68 6.5 4.5 6.7

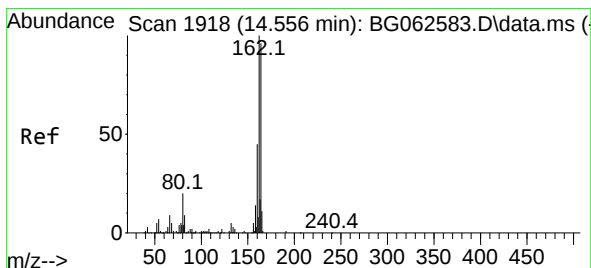
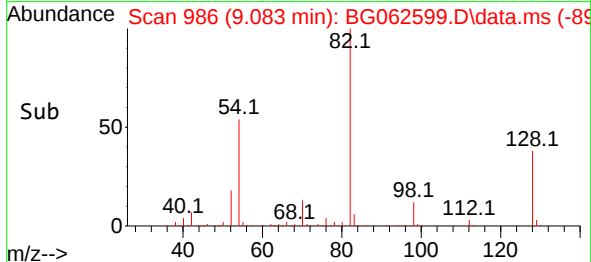
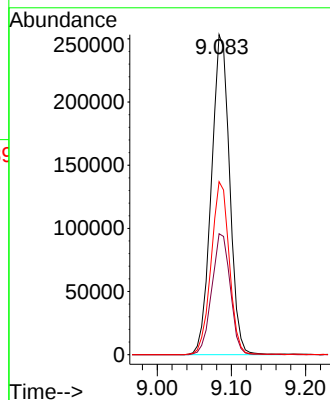
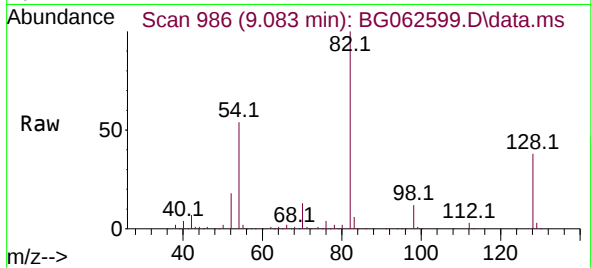




#23
 Nitrobenzene-d5
 Concen: 105.075 ng
 RT: 9.083 min Scan# 91
 Delta R.T. -0.009 min
 Lab File: BG062599.D
 Acq: 28 Aug 2024 17:18

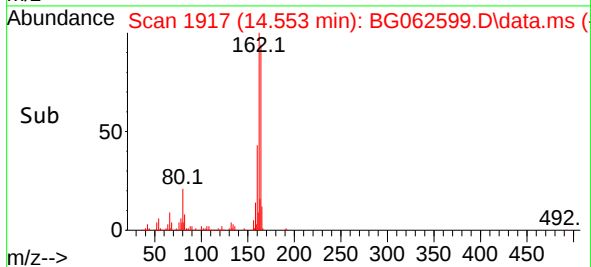
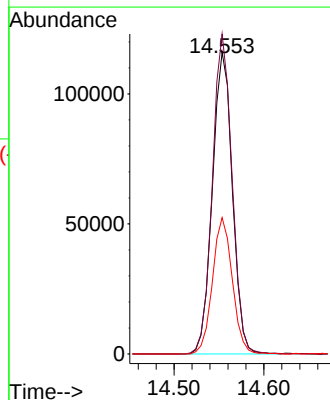
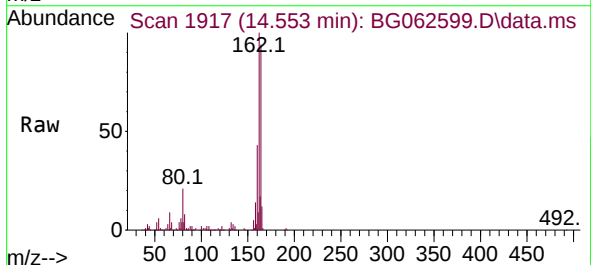
Instrument :
 BNA_G
 ClientSampleId :
 WC-16

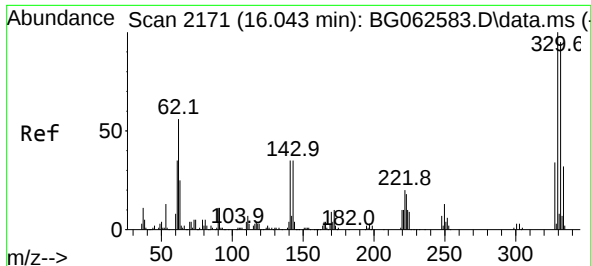
Tgt Ion: 82 Resp: 432786
 Ion Ratio Lower Upper
 82 100
 128 37.8 29.7 44.5
 54 54.0 44.4 66.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.553 min Scan# 1917
 Delta R.T. -0.003 min
 Lab File: BG062599.D
 Acq: 28 Aug 2024 17:18

Tgt Ion:164 Resp: 179101
 Ion Ratio Lower Upper
 164 100
 162 106.0 83.0 124.6
 160 45.2 37.7 56.5

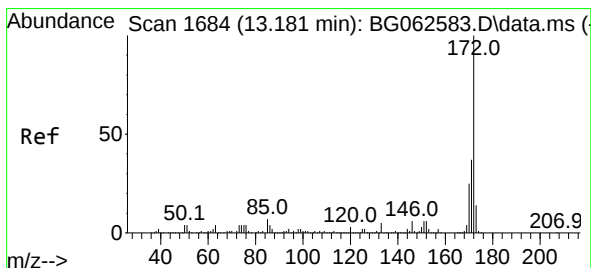
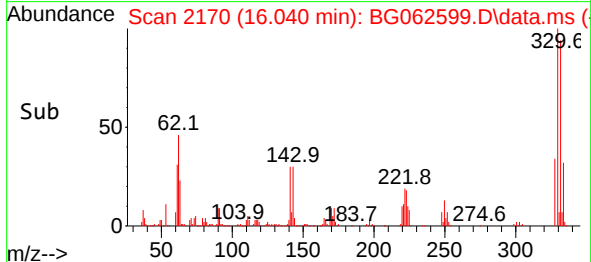
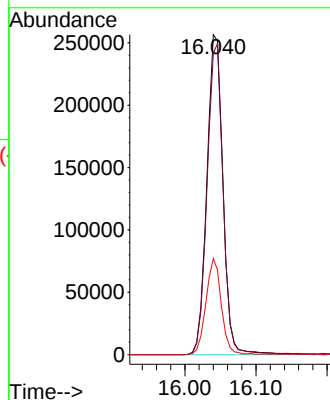
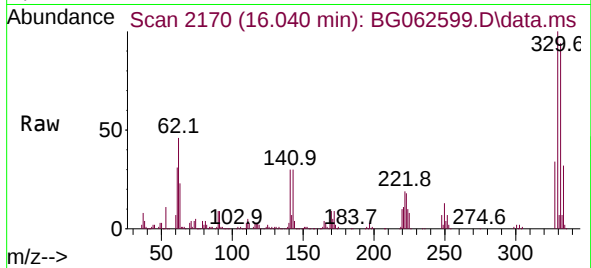




#42
2,4,6-Tribromophenol
Concen: 204.034 ng
RT: 16.040 min Scan# 2171
Delta R.T. -0.003 min
Lab File: BG062599.D
Acq: 28 Aug 2024 17:18

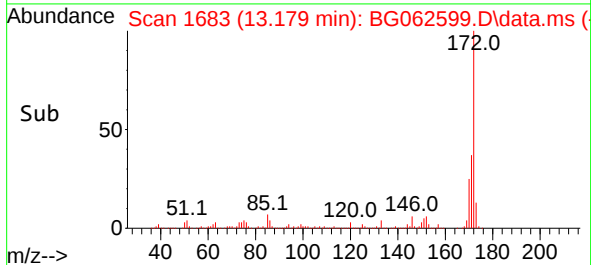
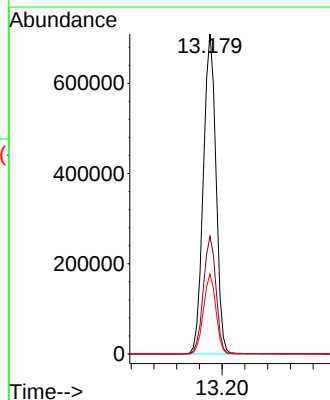
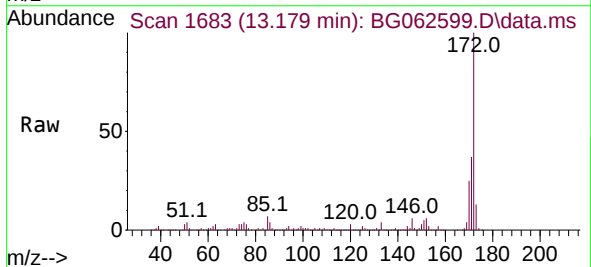
Instrument :
BNA_G
ClientSampleId :
WC-16

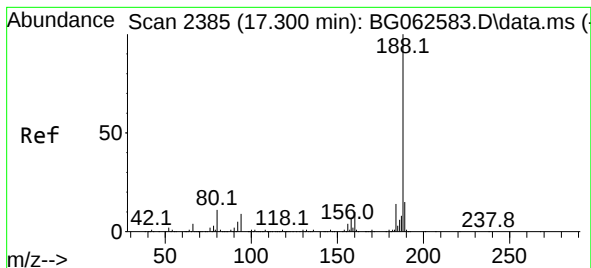
Tgt Ion:330 Resp: 403665
Ion Ratio Lower Upper
330 100
332 97.1 77.6 116.4
141 28.8 26.5 39.7



#45
2-Fluorobiphenyl
Concen: 100.638 ng
RT: 13.179 min Scan# 1683
Delta R.T. -0.003 min
Lab File: BG062599.D
Acq: 28 Aug 2024 17:18

Tgt Ion:172 Resp: 1096169
Ion Ratio Lower Upper
172 100
171 36.8 29.7 44.5
170 24.9 20.1 30.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.297 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG062599.D

Acq: 28 Aug 2024 17:18

Instrument :

BNA_G

ClientSampleId :

WC-16

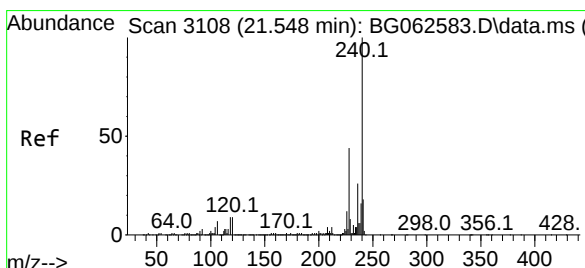
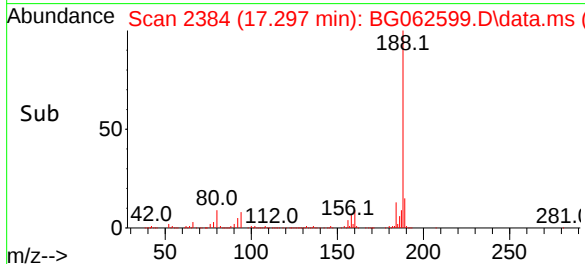
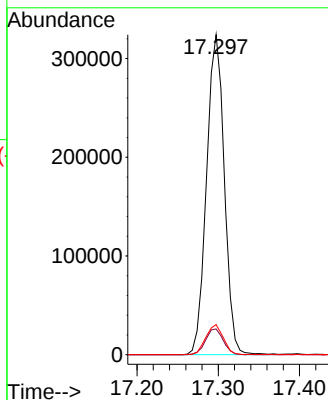
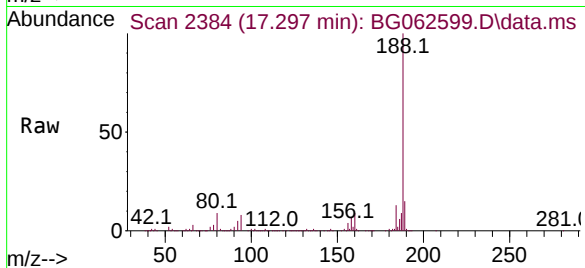
Tgt Ion:188 Resp: 492448

Ion Ratio Lower Upper

188 100

94 8.0 7.0 10.6

80 9.4 8.4 12.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.539 min Scan# 3106

Delta R.T. -0.009 min

Lab File: BG062599.D

Acq: 28 Aug 2024 17:18

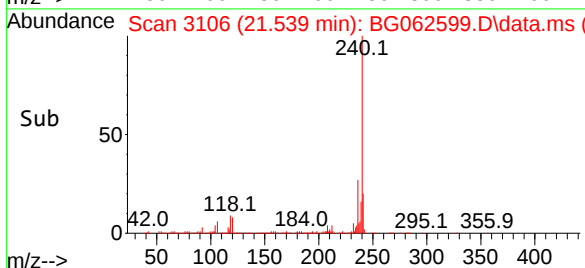
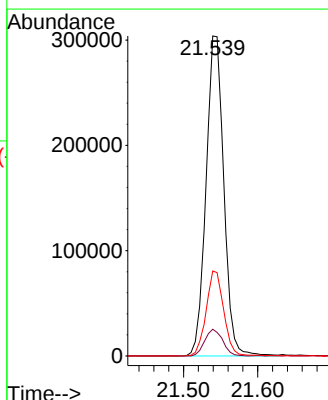
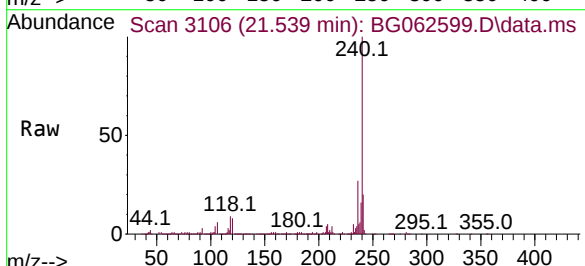
Tgt Ion:240 Resp: 505129

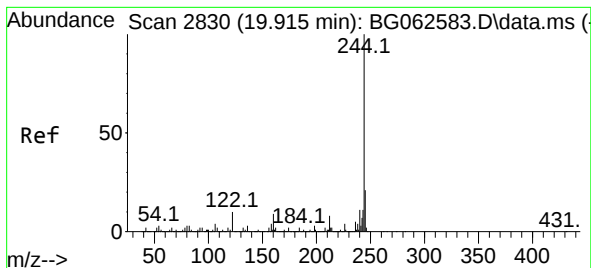
Ion Ratio Lower Upper

240 100

120 8.4 7.4 11.0

236 26.5 20.5 30.7





#79

Terphenyl-d14

Concen: 106.298 ng

RT: 19.918 min Scan# 2

Delta R.T. 0.003 min

Lab File: BG062599.D

Acq: 28 Aug 2024 17:18

Instrument :

BNA_G

ClientSampleId :

WC-16

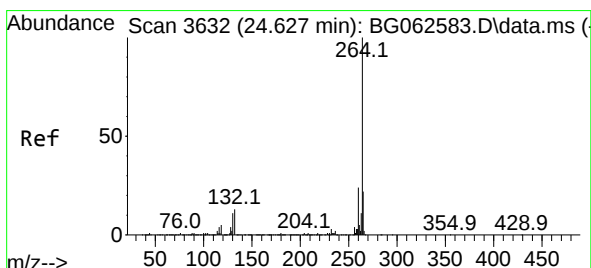
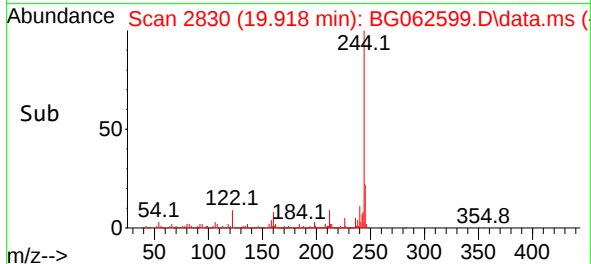
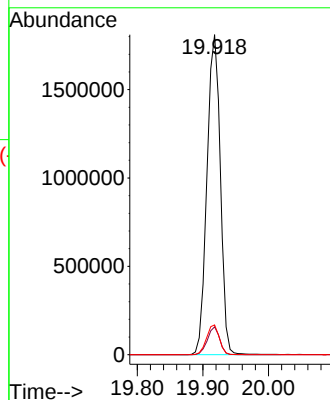
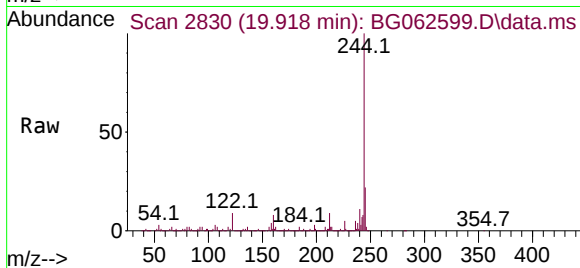
Tgt Ion:244 Resp: 2568188

Ion Ratio Lower Upper

244 100

212 8.7 6.7 10.1

122 9.3 8.4 12.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.618 min Scan# 3630

Delta R.T. -0.009 min

Lab File: BG062599.D

Acq: 28 Aug 2024 17:18

Tgt Ion:264 Resp: 581577

Ion Ratio Lower Upper

264 100

260 23.5 19.0 28.4

265 21.3 17.8 26.6

