

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090324\
 Data File : BG062619.D
 Acq On : 3 Sep 2024 10:29
 Operator : MA/JU
 Sample : PB162520BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB162520BL

Quant Time: Sep 04 04:29:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG083024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 31 02:36:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.923	152	54759	20.000	ng	0.00
21) Naphthalene-d8	10.714	136	220465	20.000	ng	0.00
39) Acenaphthene-d10	14.545	164	176338	20.000	ng	0.00
64) Phenanthrene-d10	17.289	188	522378	20.000	ng	0.00
76) Chrysene-d12	21.531	240	562709	20.000	ng	0.00
86) Perylene-d12	24.604	264	625177	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.502	112	402874	127.172	ng	0.00
7) Phenol-d6	7.089	99	546778	119.474	ng	0.00
23) Nitrobenzene-d5	9.075	82	330788	80.807	ng	0.00
42) 2,4,6-Tribromophenol	16.031	330	325498	131.163	ng	0.00
45) 2-Fluorobiphenyl	13.170	172	903585	83.001	ng	0.00
79) Terphenyl-d14	19.909	244	2335864	82.310	ng	0.00

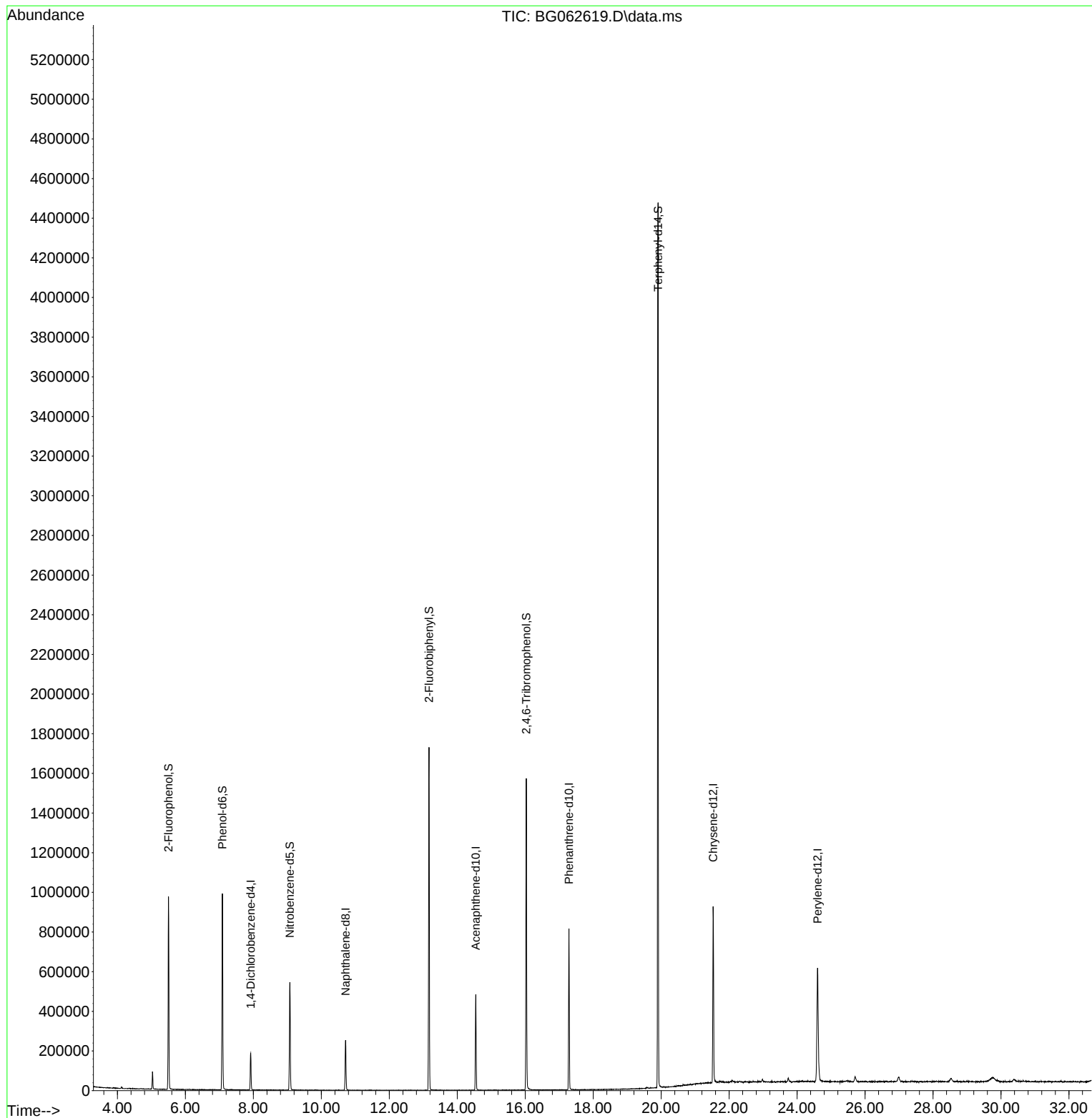
Target Compounds	Qvalue

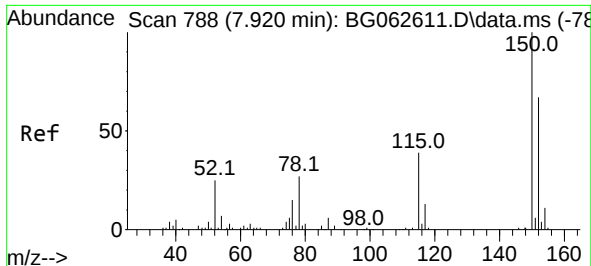
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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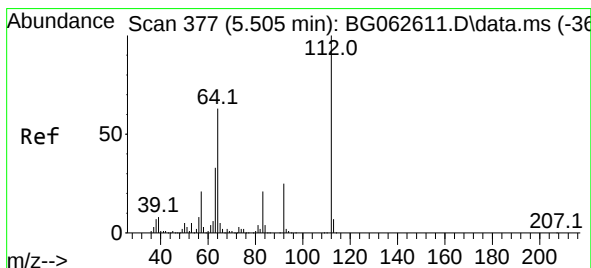
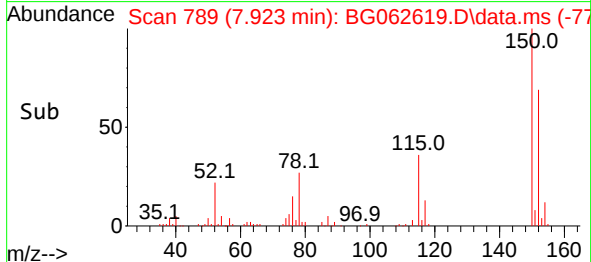
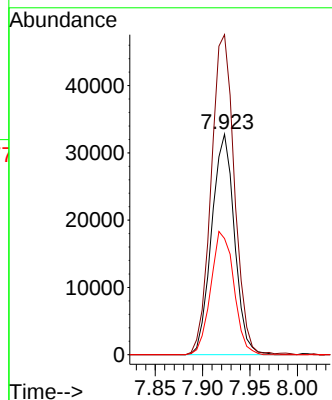
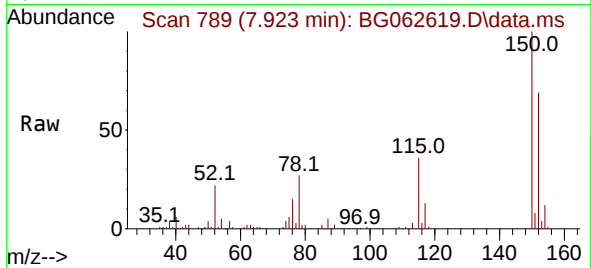




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.923 min Scan# 788
Delta R.T. 0.003 min
Lab File: BG062619.D
Acq: 3 Sep 2024 10:29

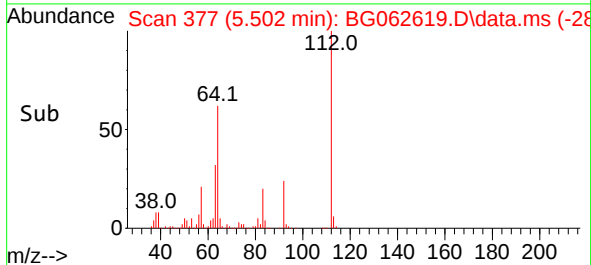
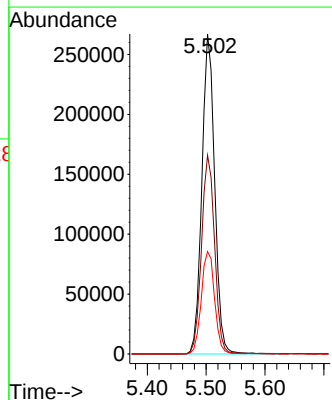
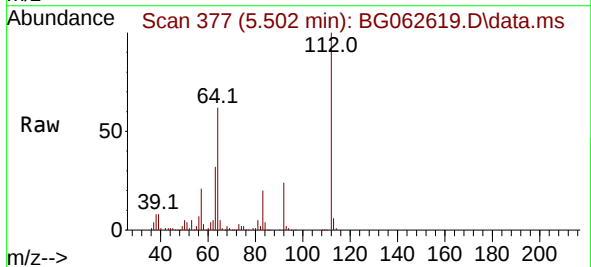
Instrument :
BNA_G
ClientSampleId :
PB162520BL

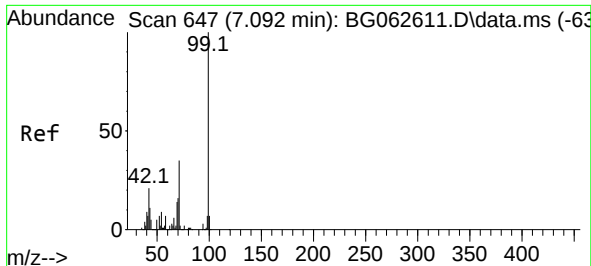
Tgt Ion:152 Resp: 54759
Ion Ratio Lower Upper
152 100
150 145.2 119.9 179.9
115 52.7 46.6 69.8



#5
2-Fluorophenol
Concen: 127.172 ng
RT: 5.502 min Scan# 377
Delta R.T. -0.003 min
Lab File: BG062619.D
Acq: 3 Sep 2024 10:29

Tgt Ion:112 Resp: 402874
Ion Ratio Lower Upper
112 100
64 62.1 50.2 75.2
63 32.0 26.6 39.8

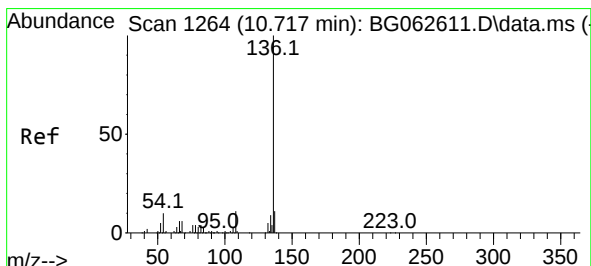
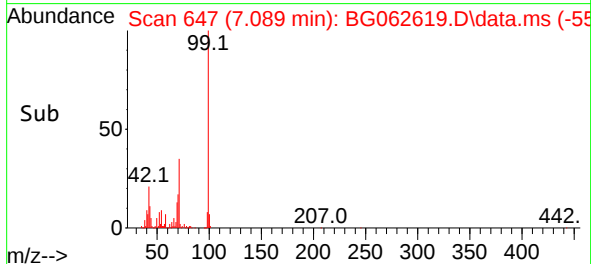
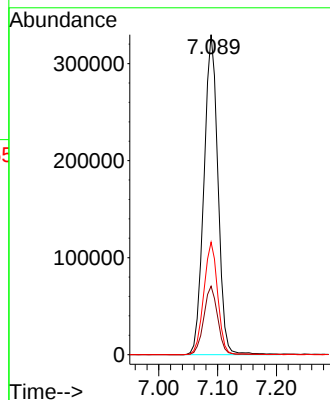
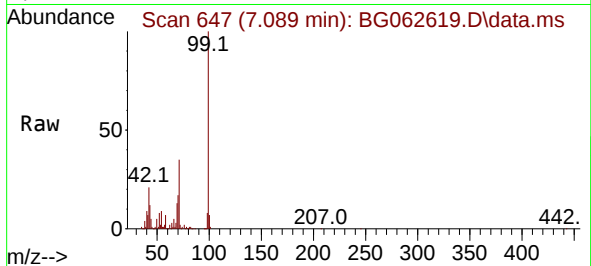




#7
Phenol-d6
Concen: 119.474 ng
RT: 7.089 min Scan# 64
Delta R.T. -0.003 min
Lab File: BG062619.D
Acq: 3 Sep 2024 10:29

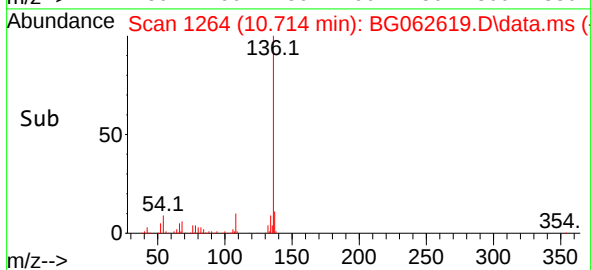
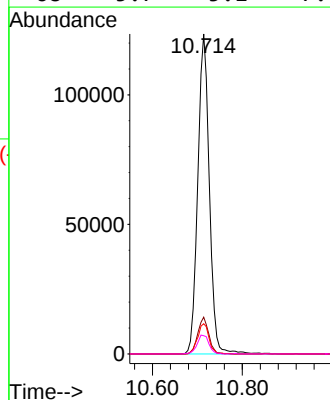
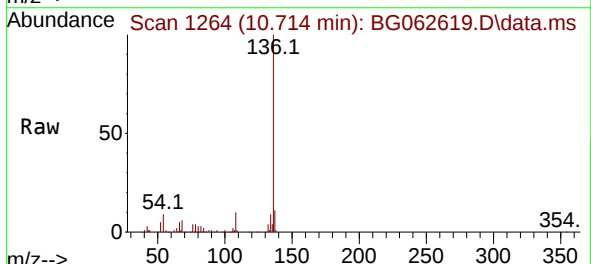
Instrument :
BNA_G
ClientSampleId :
PB162520BL

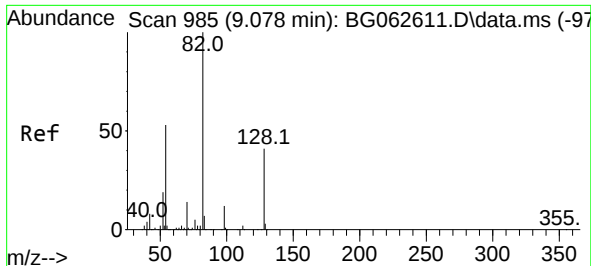
Tgt Ion: 99 Resp: 546778
Ion Ratio Lower Upper
99 100
42 21.4 16.9 25.3
71 35.1 27.9 41.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.714 min Scan# 1264
Delta R.T. -0.003 min
Lab File: BG062619.D
Acq: 3 Sep 2024 10:29

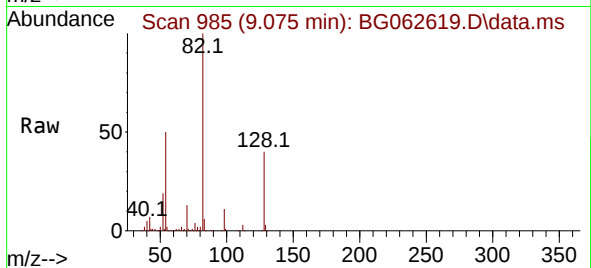
Tgt Ion:136 Resp: 220465
Ion Ratio Lower Upper
136 100
137 11.5 9.0 13.4
54 9.5 7.8 11.6
68 5.7 5.1 7.7



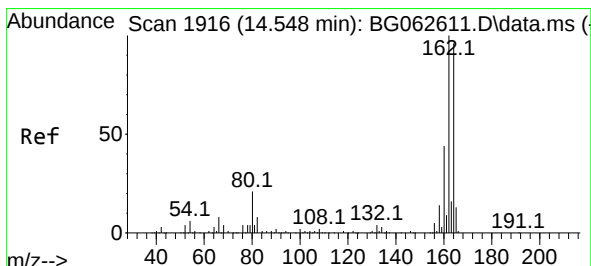
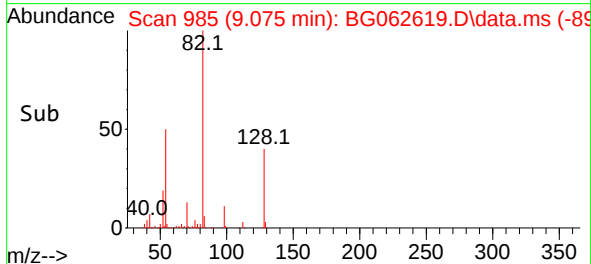
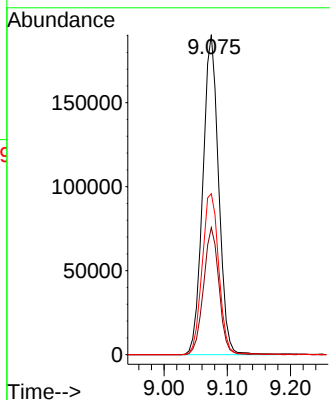


#23
Nitrobenzene-d5
Concen: 80.807 ng
RT: 9.075 min Scan# 91
Delta R.T. -0.003 min
Lab File: BG062619.D
Acq: 3 Sep 2024 10:29

Instrument :
BNA_G
ClientSampleId :
PB162520BL

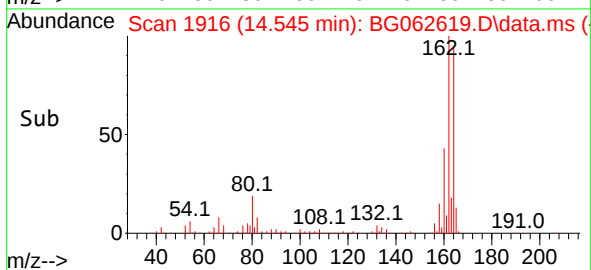
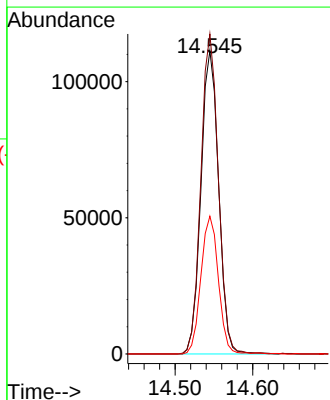
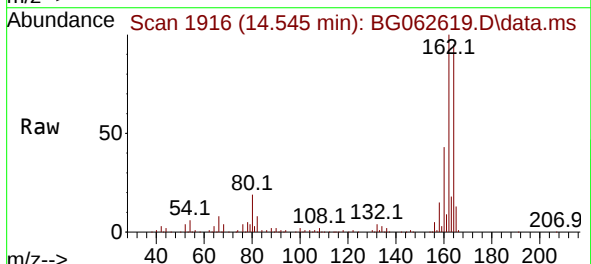


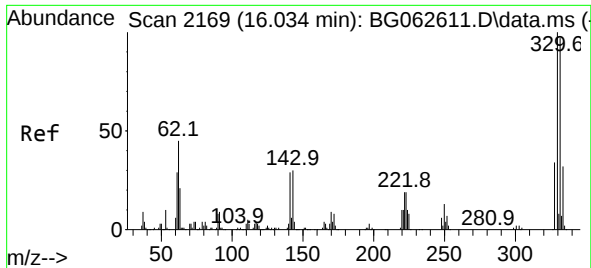
Tgt Ion: 82 Resp: 330788
Ion Ratio Lower Upper
82 100
128 39.7 32.5 48.7
54 50.3 42.5 63.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.545 min Scan# 1916
Delta R.T. -0.003 min
Lab File: BG062619.D
Acq: 3 Sep 2024 10:29

Tgt Ion: 164 Resp: 176338
Ion Ratio Lower Upper
164 100
162 105.5 83.1 124.7
160 45.4 36.2 54.4

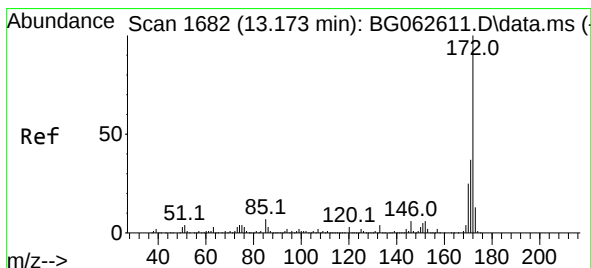
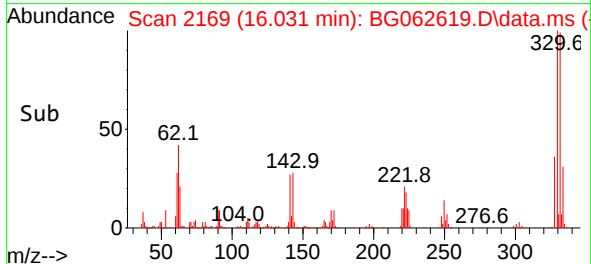
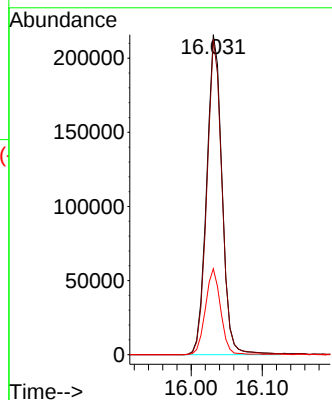
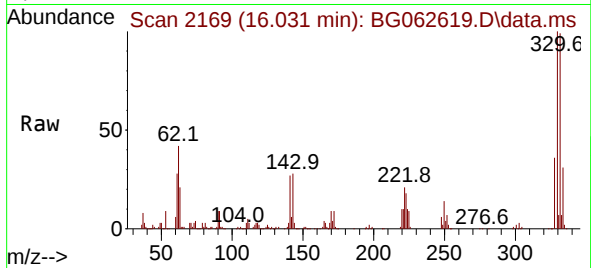




#42
 2,4,6-Tribromophenol
 Concen: 131.163 ng
 RT: 16.031 min Scan# 2169
 Delta R.T. -0.003 min
 Lab File: BG062619.D
 Acq: 3 Sep 2024 10:29

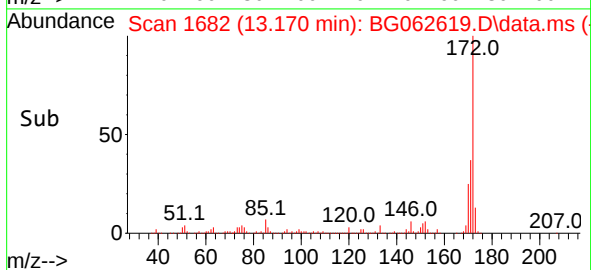
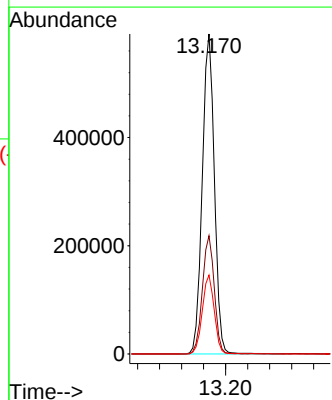
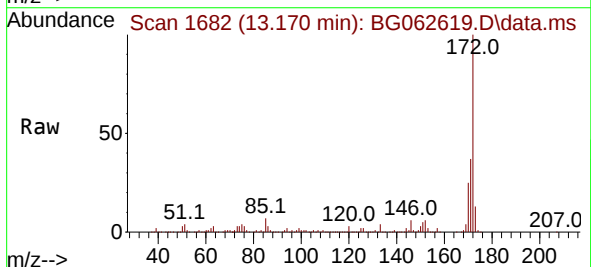
Instrument :
 BNA_G
 ClientSampleId :
 PB162520BL

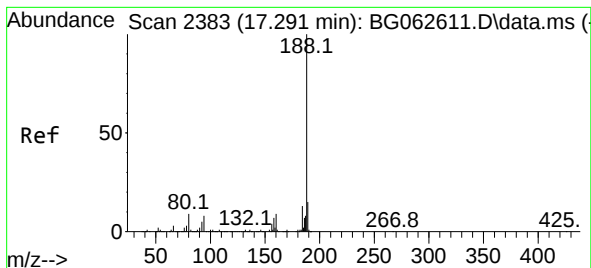
Tgt Ion:330 Resp: 325498
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.2 115.8
 141 26.4 22.2 33.4



#45
 2-Fluorobiphenyl
 Concen: 83.001 ng
 RT: 13.170 min Scan# 1682
 Delta R.T. -0.003 min
 Lab File: BG062619.D
 Acq: 3 Sep 2024 10:29

Tgt Ion:172 Resp: 903585
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.7 44.5
 170 24.7 20.0 30.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.289 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG062619.D

Acq: 3 Sep 2024 10:29

Instrument :

BNA_G

ClientSampleId :

PB162520BL

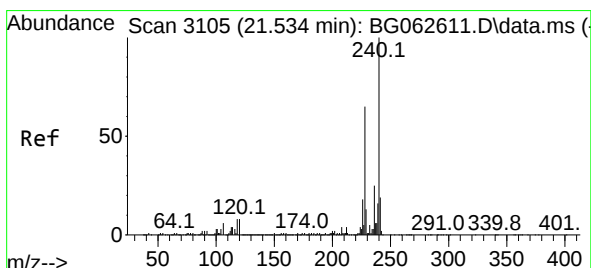
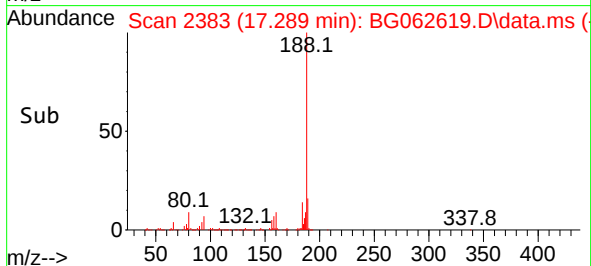
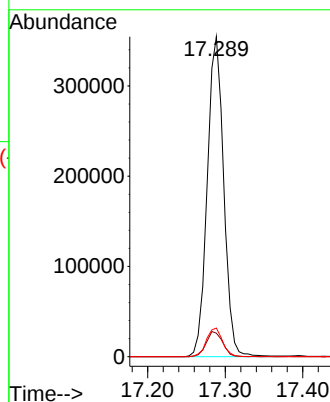
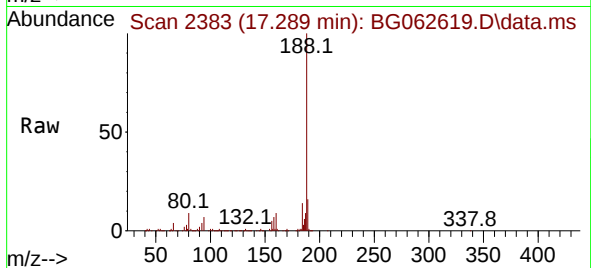
Tgt Ion:188 Resp: 522378

Ion Ratio Lower Upper

188 100

94 7.3 6.3 9.5

80 8.9 7.0 10.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.531 min Scan# 3105

Delta R.T. -0.003 min

Lab File: BG062619.D

Acq: 3 Sep 2024 10:29

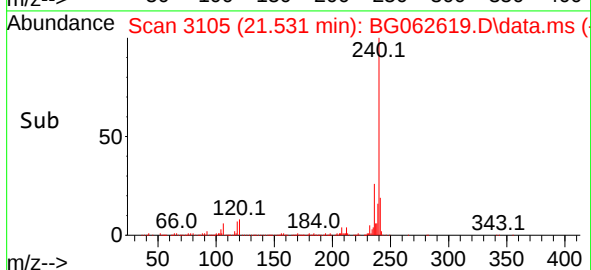
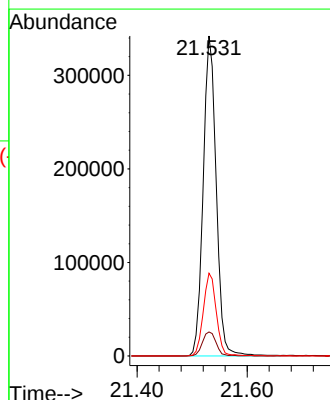
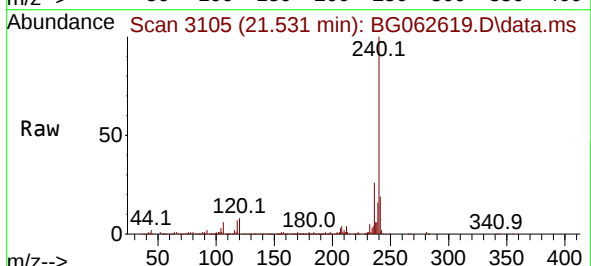
Tgt Ion:240 Resp: 562709

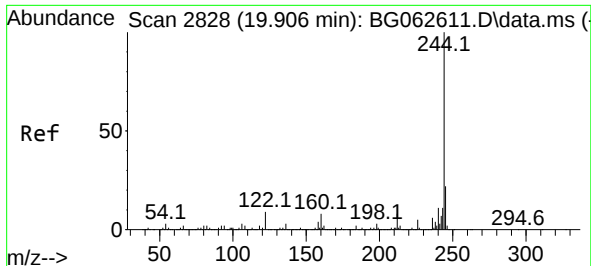
Ion Ratio Lower Upper

240 100

120 7.5 6.6 9.8

236 25.8 20.2 30.4

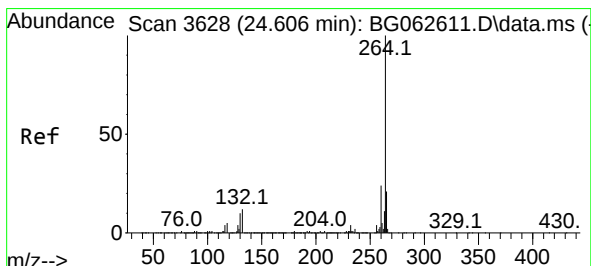
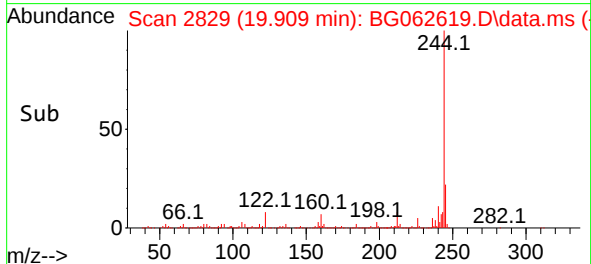
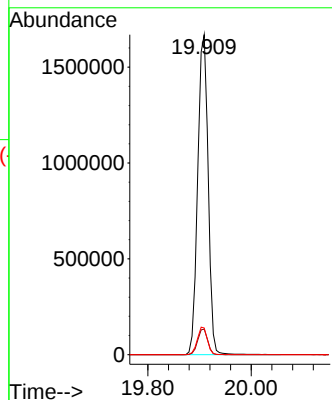
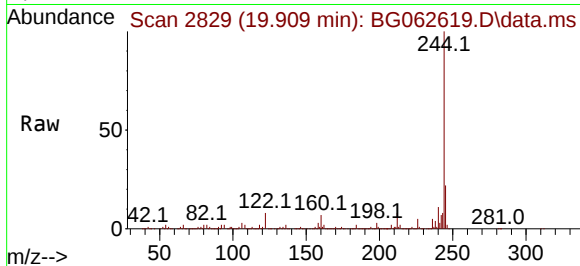




#79
 Terphenyl-d14
 Concen: 82.310 ng
 RT: 19.909 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BG062619.D
 Acq: 3 Sep 2024 10:29

Instrument :
 BNA_G
 ClientSampleId :
 PB162520BL

Tgt Ion:244 Resp: 2335864
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.6 10.0
 122 8.3 7.2 10.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.604 min Scan# 3628
 Delta R.T. -0.003 min
 Lab File: BG062619.D
 Acq: 3 Sep 2024 10:29

Tgt Ion:264 Resp: 625177
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.0 28.4
 265 21.0 17.3 25.9

