

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090624\
 Data File : BG062685.D
 Acq On : 6 Sep 2024 17:45
 Operator : MA/JU
 Sample : P3857-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-D1-COMP

Quant Time: Sep 06 18:22:24 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)

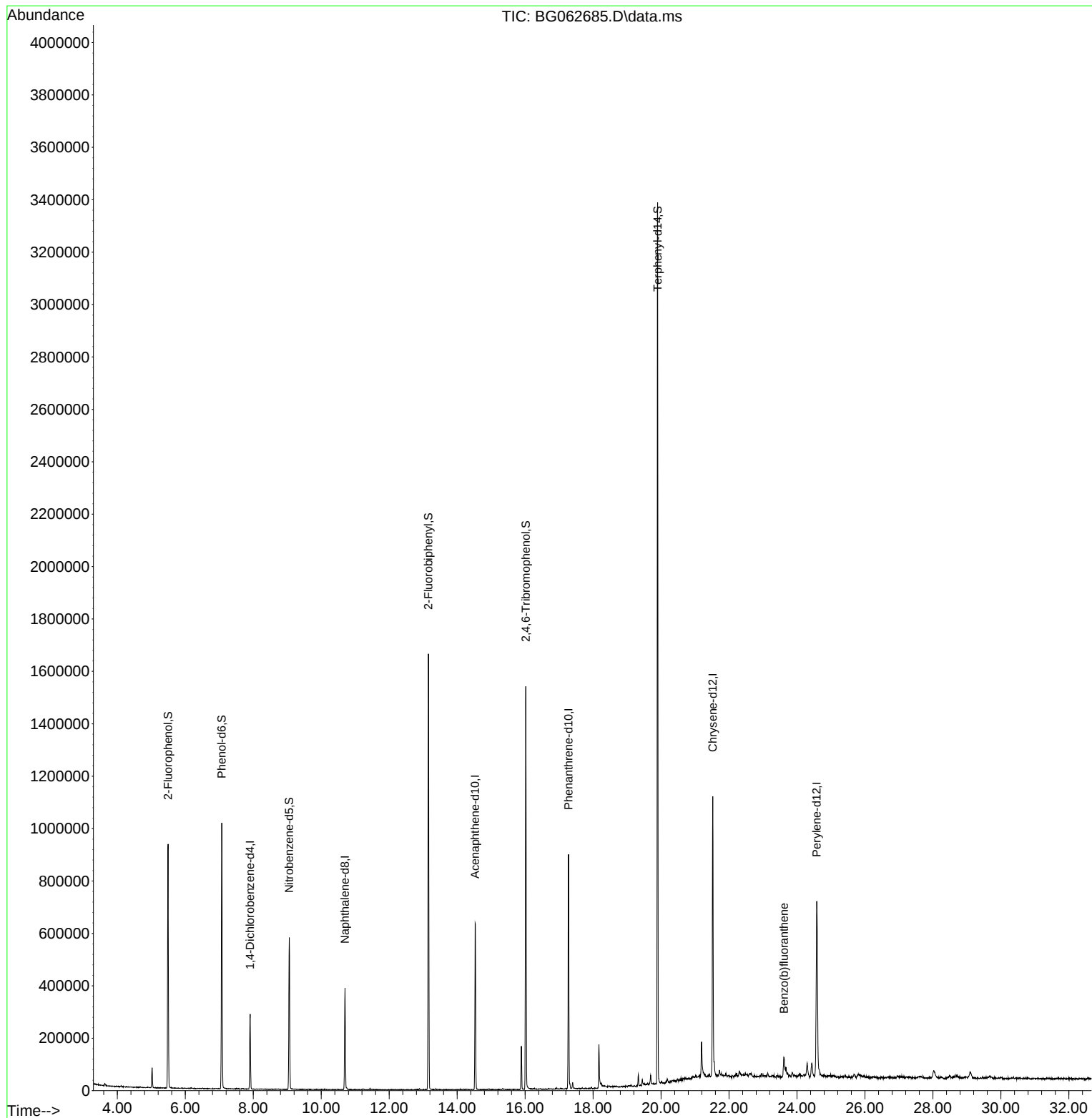
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.908	152	81571	20.000	ng	-0.01
21) Naphthalene-d8	10.699	136	317478	20.000	ng	-0.02
39) Acenaphthene-d10	14.529	164	238399	20.000	ng	-0.02
64) Phenanthrene-d10	17.279	188	608130	20.000	ng	-0.01
76) Chrysene-d12	21.521	240	631913	20.000	ng	-0.01
86) Perylene-d12	24.582	264	733059	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	395933	83.901	ng	-0.01
7) Phenol-d6	7.073	99	552364	81.023	ng	-0.02
23) Nitrobenzene-d5	9.059	82	352264	59.757	ng	-0.02
42) 2,4,6-Tribromophenol	16.022	330	341171	101.690	ng	-0.01
45) 2-Fluorobiphenyl	13.155	172	868918	59.038	ng	-0.02
79) Terphenyl-d14	19.900	244	1849900	58.047	ng	0.00
Target Compounds						
88) Benzo(b)fluoranthene	23.619	252	88032	2.174	ng	Qvalue 97

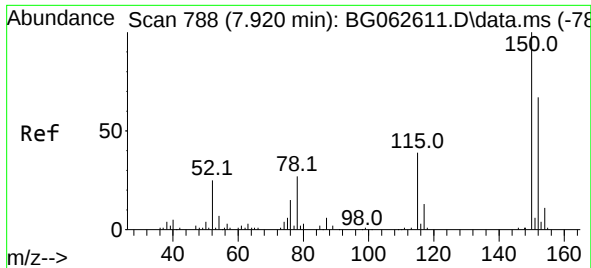
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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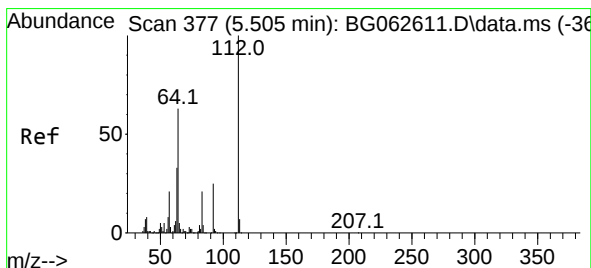
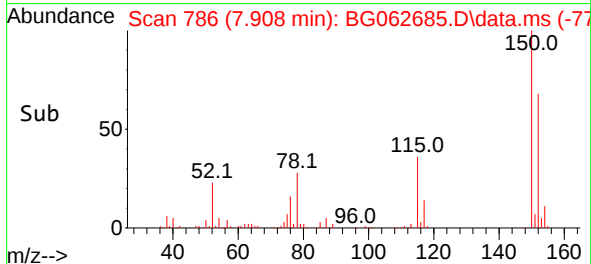
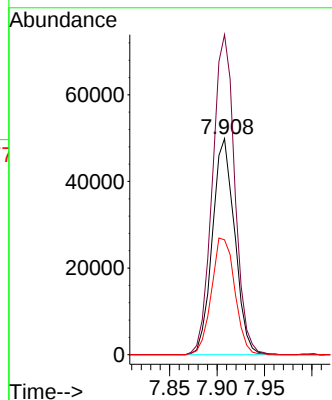
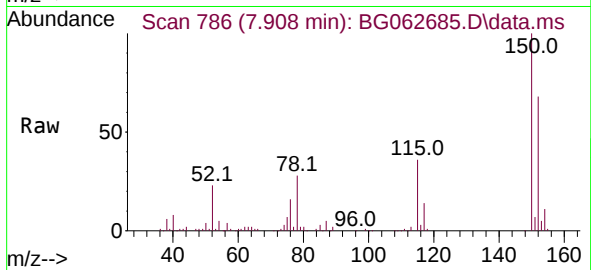




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.908 min Scan# 71
Delta R.T. -0.012 min
Lab File: BG062685.D
Acq: 6 Sep 2024 17:45

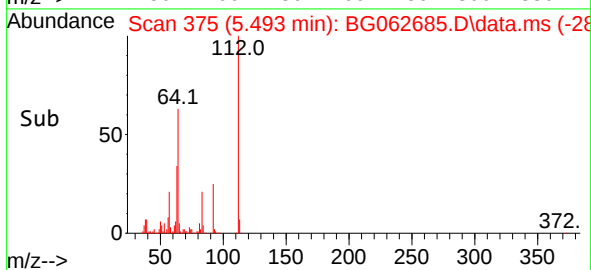
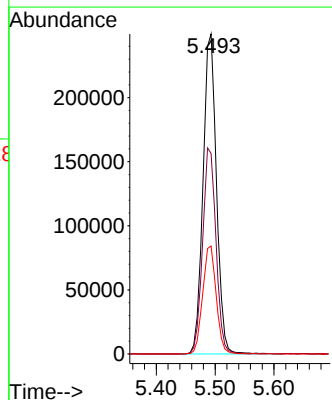
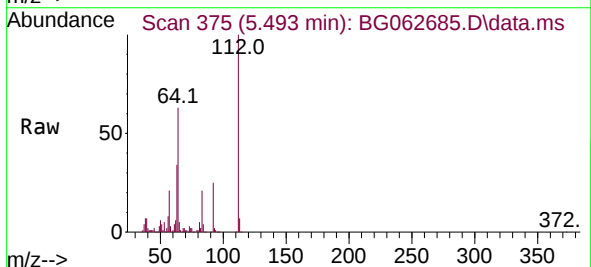
Instrument :
BNA_G
ClientSampleId :
WC-D1-COMP

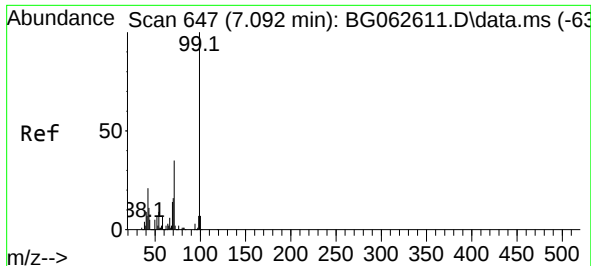
Tgt Ion:152 Resp: 81571
Ion Ratio Lower Upper
152 100
150 148.1 119.9 179.9
115 53.2 46.6 69.8



#5
2-Fluorophenol
Concen: 83.901 ng
RT: 5.493 min Scan# 375
Delta R.T. -0.012 min
Lab File: BG062685.D
Acq: 6 Sep 2024 17:45

Tgt Ion:112 Resp: 395933
Ion Ratio Lower Upper
112 100
64 62.7 50.2 75.2
63 33.7 26.6 39.8

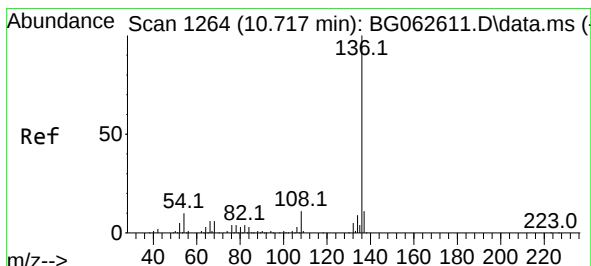
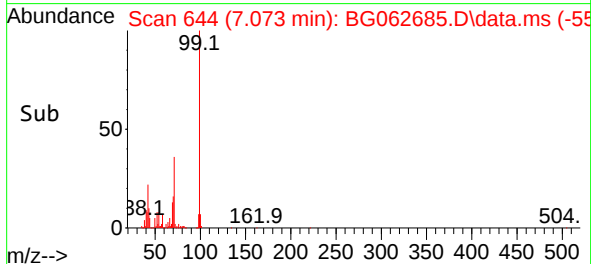
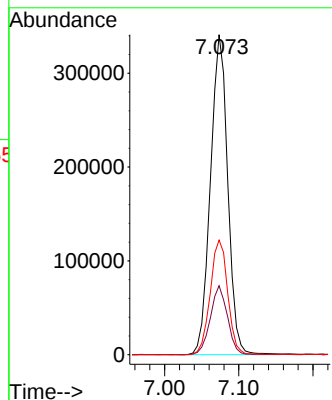
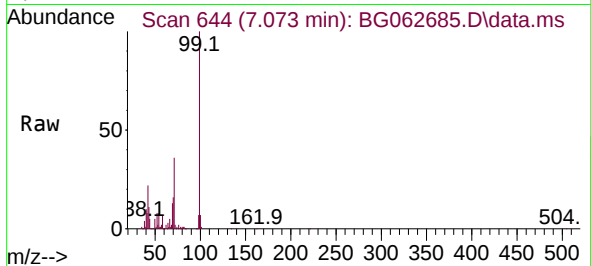




#7
Phenol-d6
Concen: 81.023 ng
RT: 7.073 min Scan# 64
Delta R.T. -0.018 min
Lab File: BG062685.D
Acq: 6 Sep 2024 17:45

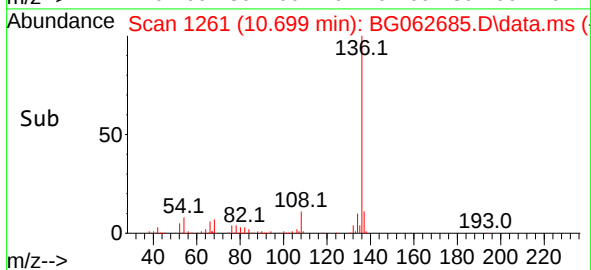
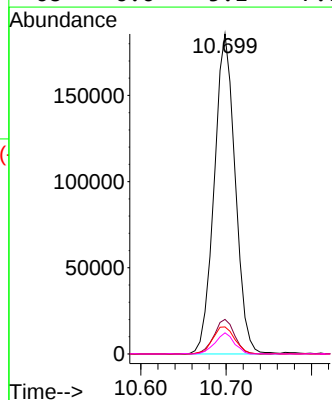
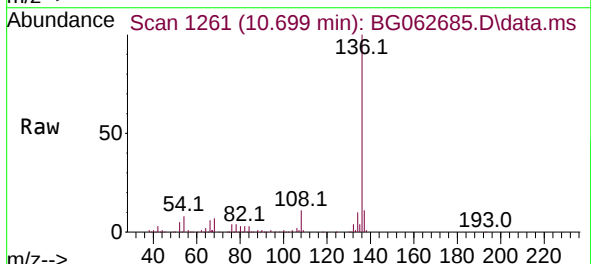
Instrument :
BNA_G
ClientSampleId :
WC-D1-COMP

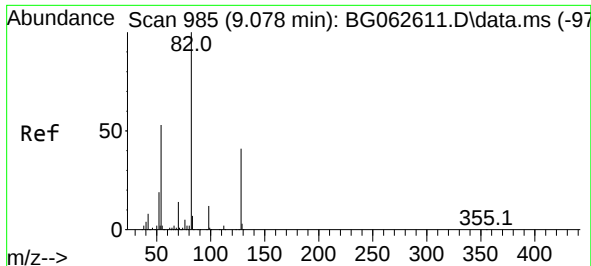
Tgt Ion: 99 Resp: 552364
Ion Ratio Lower Upper
99 100
42 21.5 16.9 25.3
71 35.8 27.9 41.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.699 min Scan# 1261
Delta R.T. -0.018 min
Lab File: BG062685.D
Acq: 6 Sep 2024 17:45

Tgt Ion: 136 Resp: 317478
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 8.5 7.8 11.6
68 6.6 5.1 7.7

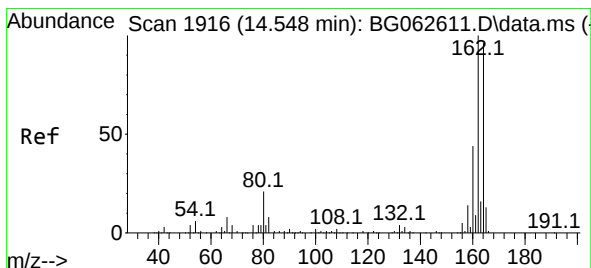
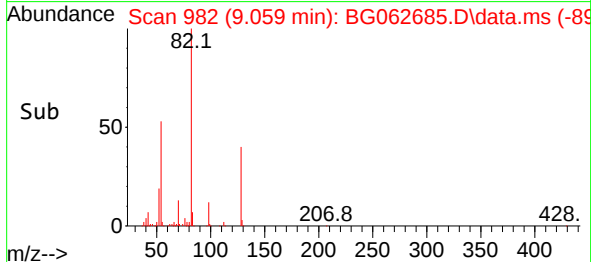
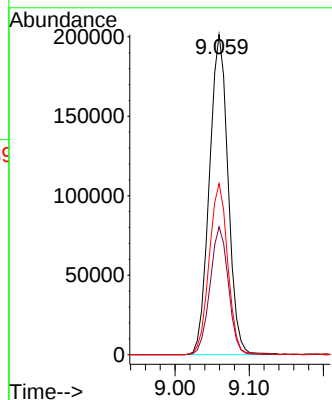
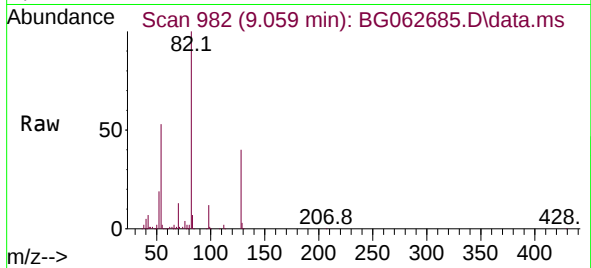




#23
Nitrobenzene-d5
Concen: 59.757 ng
RT: 9.059 min Scan# 91
Delta R.T. -0.018 min
Lab File: BG062685.D
Acq: 6 Sep 2024 17:45

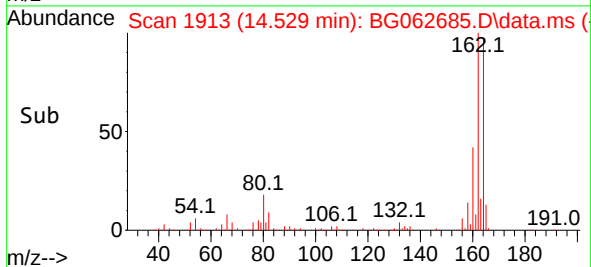
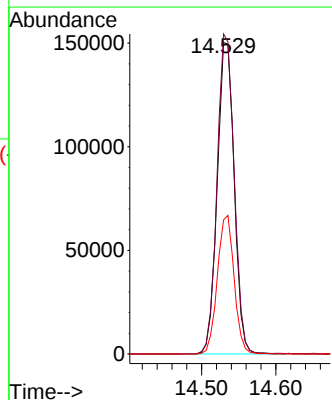
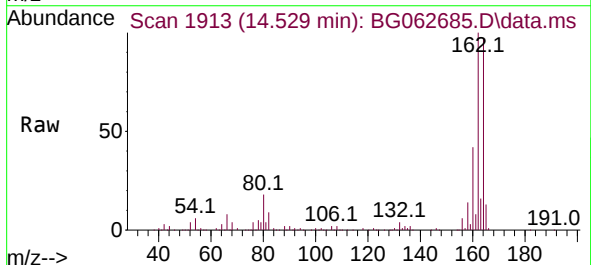
Instrument :
BNA_G
ClientSampleId :
WC-D1-COMP

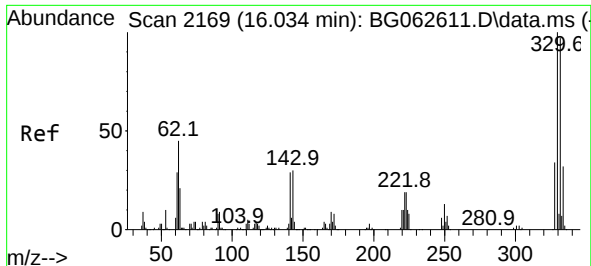
Tgt Ion: 82 Resp: 352264
Ion Ratio Lower Upper
82 100
128 40.0 32.5 48.7
54 53.5 42.5 63.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.529 min Scan# 1913
Delta R.T. -0.018 min
Lab File: BG062685.D
Acq: 6 Sep 2024 17:45

Tgt Ion: 164 Resp: 238399
Ion Ratio Lower Upper
164 100
162 102.7 83.1 124.7
160 43.0 36.2 54.4



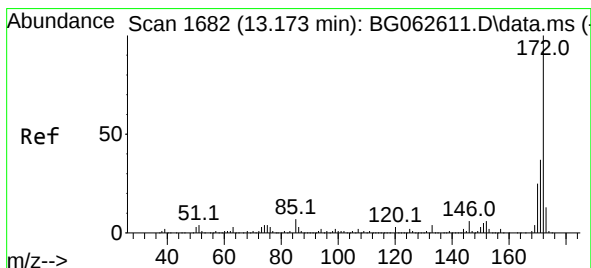
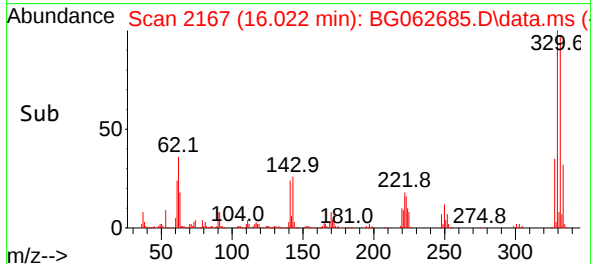
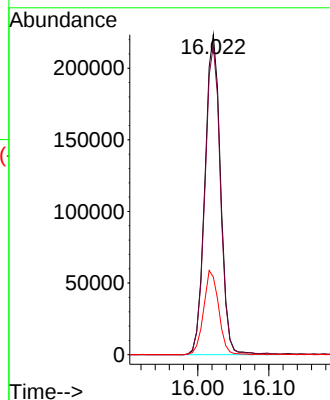
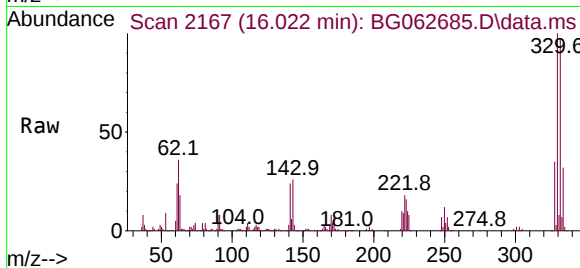


#42
 2,4,6-Tribromophenol
 Concen: 101.690 ng
 RT: 16.022 min Scan# 2169
 Delta R.T. -0.012 min
 Lab File: BG062685.D
 Acq: 6 Sep 2024 17:45

Instrument :
 BNA_G
 ClientSampleId :
 WC-D1-COMP

Tgt Ion:330 Resp: 341171

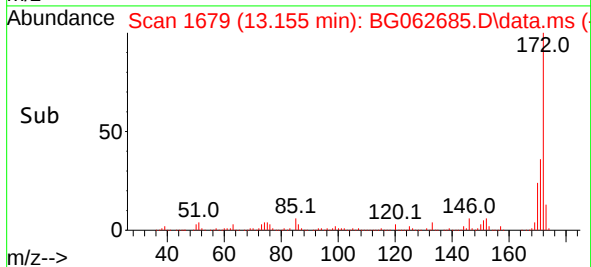
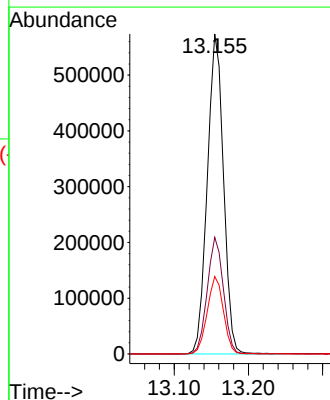
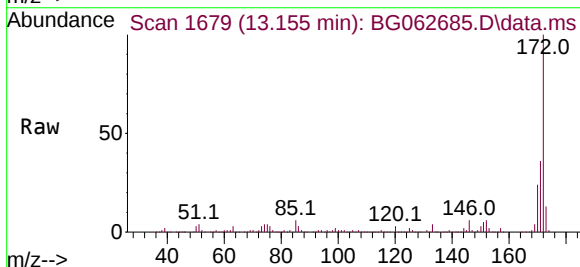
Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.2	115.8
141	25.4	22.2	33.4

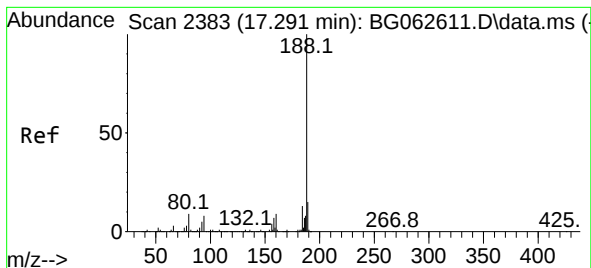


#45
 2-Fluorobiphenyl
 Concen: 59.038 ng
 RT: 13.155 min Scan# 1679
 Delta R.T. -0.018 min
 Lab File: BG062685.D
 Acq: 6 Sep 2024 17:45

Tgt Ion:172 Resp: 868918

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.2	20.0	30.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.279 min Scan# 21

Delta R.T. -0.012 min

Lab File: BG062685.D

Acq: 6 Sep 2024 17:45

Instrument :

BNA_G

ClientSampleId :

WC-D1-COMP

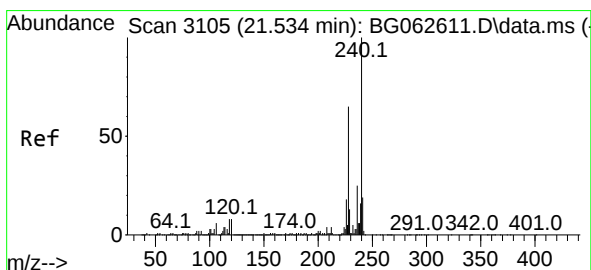
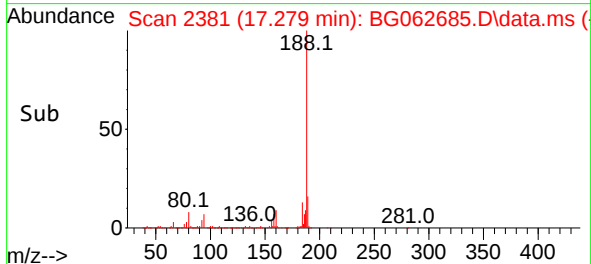
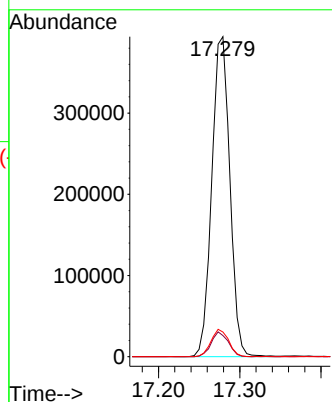
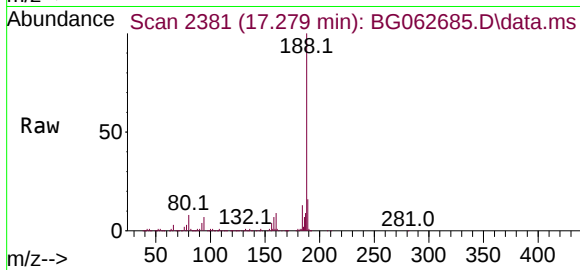
Tgt Ion:188 Resp: 608130

Ion Ratio Lower Upper

188 100

94 6.6 6.3 9.5

80 7.7 7.0 10.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.521 min Scan# 3103

Delta R.T. -0.012 min

Lab File: BG062685.D

Acq: 6 Sep 2024 17:45

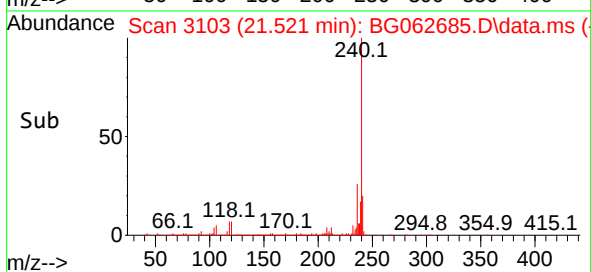
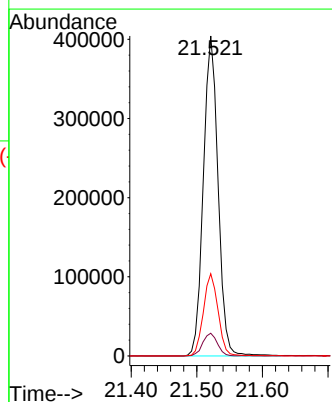
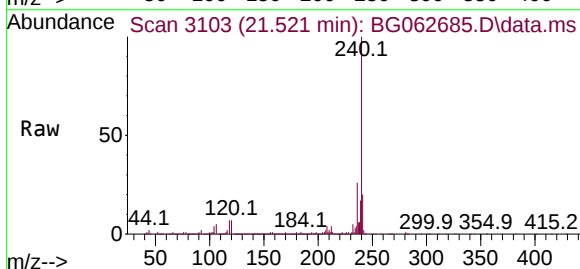
Tgt Ion:240 Resp: 631913

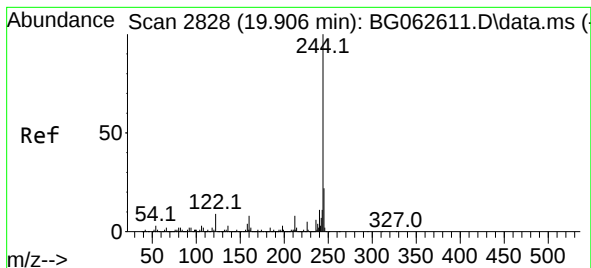
Ion Ratio Lower Upper

240 100

120 7.1 6.6 9.8

236 25.7 20.2 30.4





#79

Terphenyl-d14

Concen: 58.047 ng

RT: 19.900 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG062685.D

Acq: 6 Sep 2024 17:45

Instrument :

BNA_G

ClientSampleId :

WC-D1-COMP

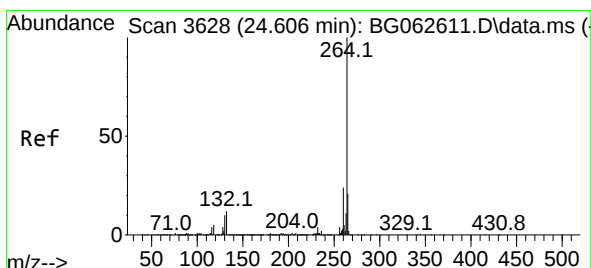
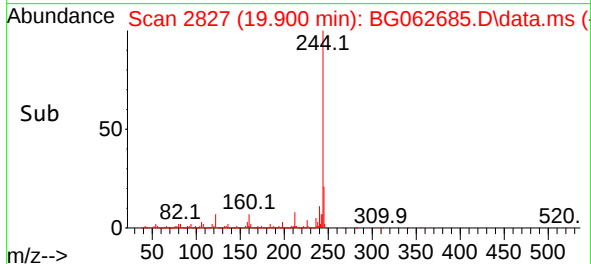
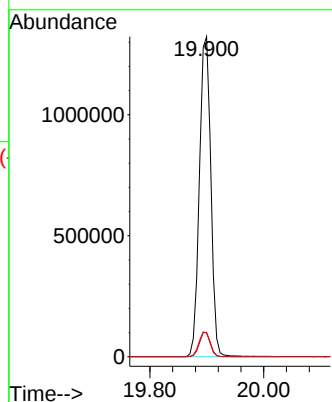
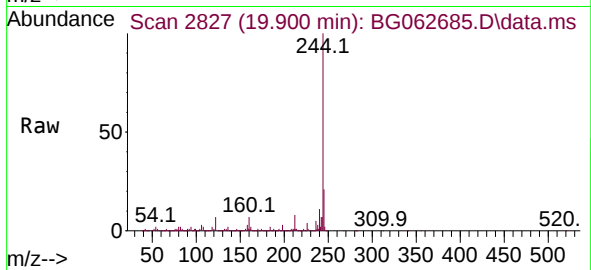
Tgt Ion:244 Resp: 1849900

Ion Ratio Lower Upper

244 100

212 7.6 6.6 10.0

122 7.4 7.2 10.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.582 min Scan# 3624

Delta R.T. -0.024 min

Lab File: BG062685.D

Acq: 6 Sep 2024 17:45

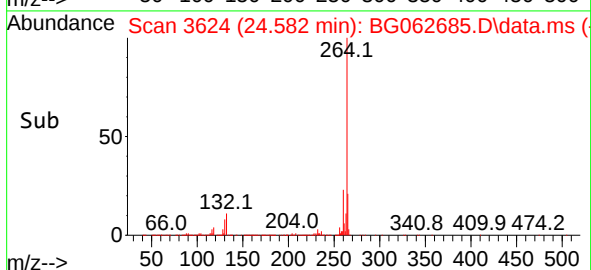
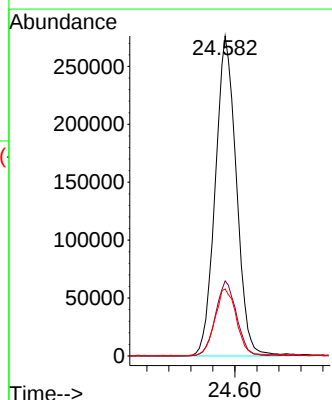
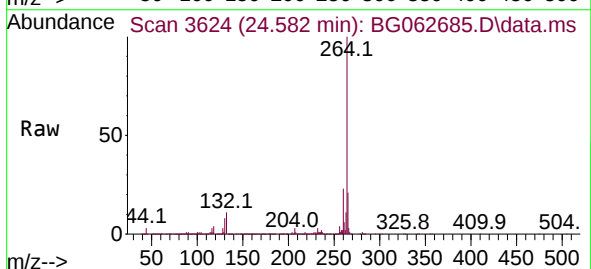
Tgt Ion:264 Resp: 733059

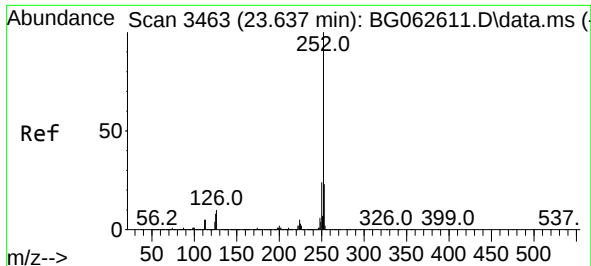
Ion Ratio Lower Upper

264 100

260 23.4 19.0 28.4

265 20.9 17.3 25.9





#88
Benzo(b)fluoranthene
Concen: 2.174 ng
RT: 23.619 min Scan# 34
Delta R.T. -0.018 min
Lab File: BG062685.D
Acq: 6 Sep 2024 17:45

Instrument :
BNA_G
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Tgt Ion:252 Resp: 88032
Ion Ratio Lower Upper
252 100
253 21.0 18.2 27.2
125 8.1 6.2 9.2

