

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010424\
 Data File : BG060248.D
 Acq On : 4 Jan 2024 17:00
 Operator : MA/JU
 Sample : 06038-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EQ-TANK

Quant Time: Jan 04 17:45:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 30 03:14:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	184636	20.000	ng	0.00
21) Naphthalene-d8	10.740	136	747476	20.000	ng	0.00
39) Acenaphthene-d10	14.577	164	602329	20.000	ng	0.00
64) Phenanthrene-d10	17.321	188	1604501	20.000	ng	0.00
76) Chrysene-d12	21.586	240	1502878	20.000	ng	0.00
86) Perylene-d12	24.765	264	1728606	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.511	112	281840	23.040	ng	0.00
7) Phenol-d6	7.097	99	243048	13.381	ng	0.00
23) Nitrobenzene-d5	9.101	82	899263	55.570	ng	0.00
42) 2,4,6-Tribromophenol	16.063	330	535514	66.418	ng	0.00
45) 2-Fluorobiphenyl	13.196	172	2426357	57.896	ng	0.00
79) Terphenyl-d14	19.941	244	4611828	58.995	ng	0.00

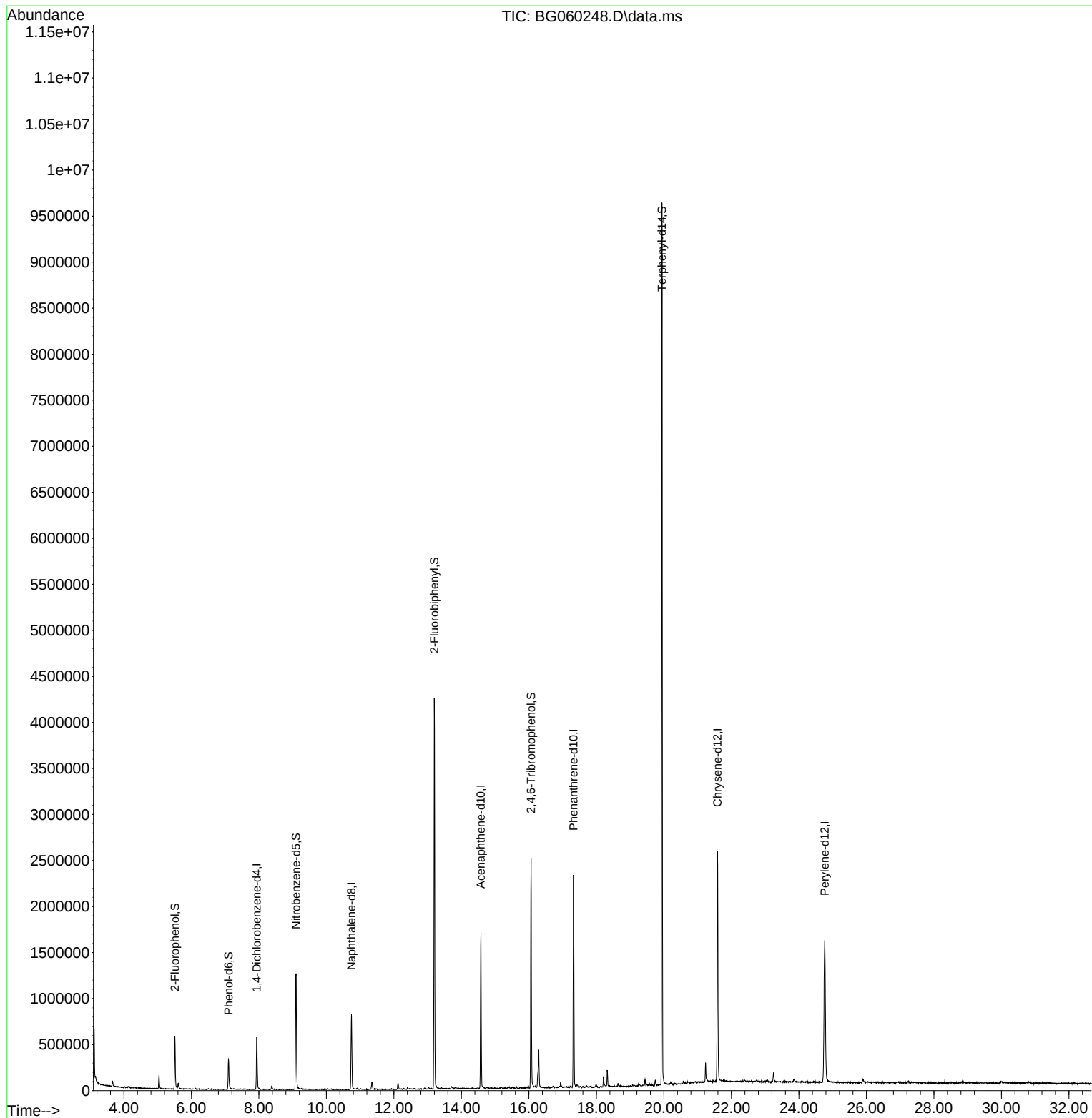
Target Compounds	Qvalue

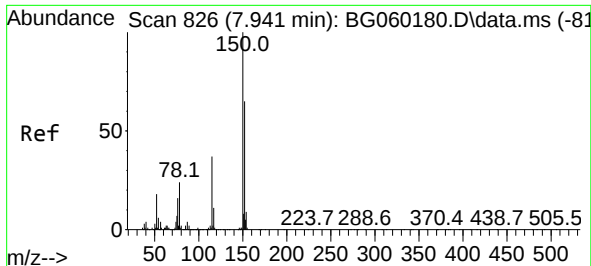
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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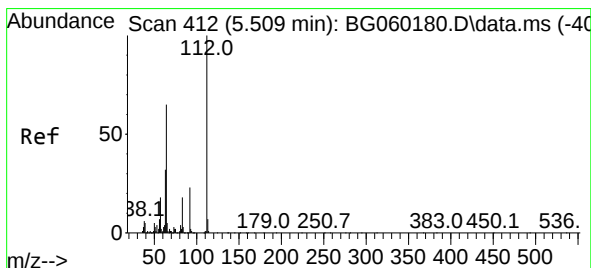
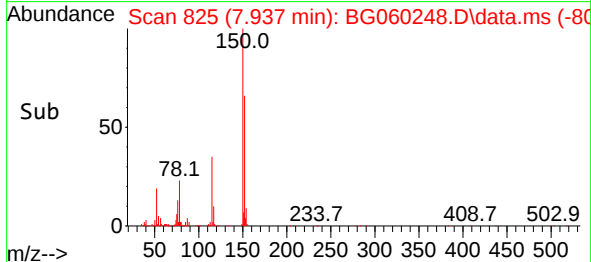
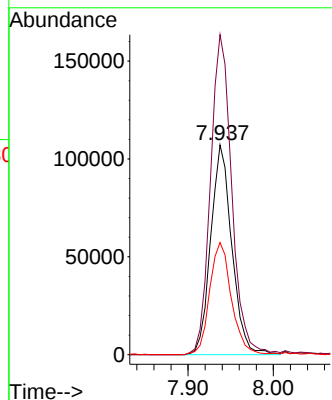
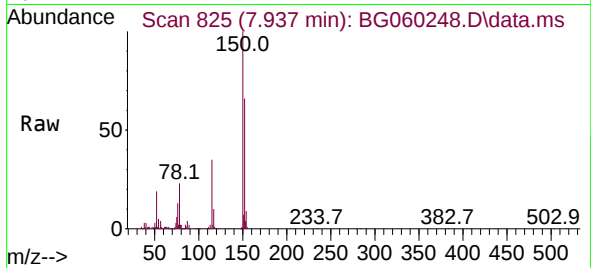




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.937 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG060248.D
Acq: 4 Jan 2024 17:00

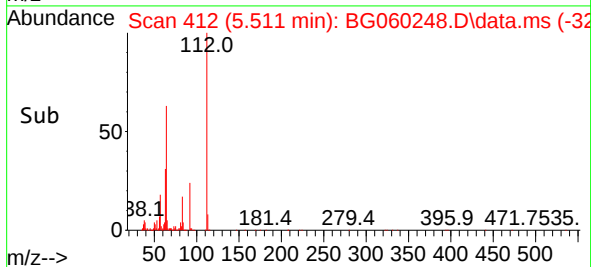
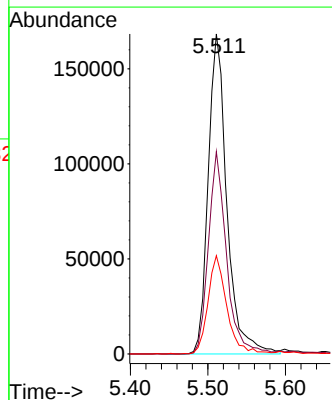
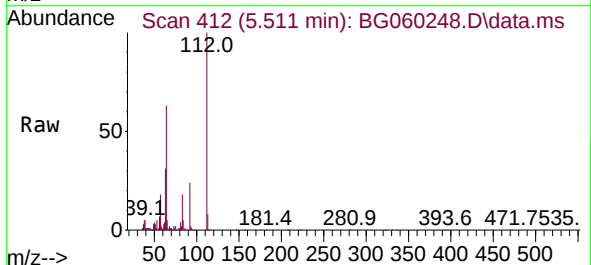
Instrument :
BNA_G
ClientSampleId :
EQ-TANK

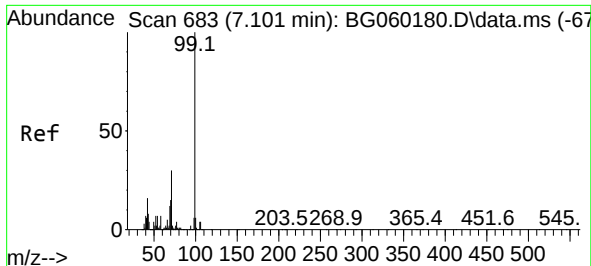
Tgt Ion:152 Resp: 184636
Ion Ratio Lower Upper
152 100
150 152.5 123.4 185.0
115 53.5 45.4 68.0



#5
2-Fluorophenol
Concen: 23.040 ng
RT: 5.511 min Scan# 412
Delta R.T. 0.002 min
Lab File: BG060248.D
Acq: 4 Jan 2024 17:00

Tgt Ion:112 Resp: 281840
Ion Ratio Lower Upper
112 100
64 63.2 52.2 78.4
63 30.7 25.4 38.0

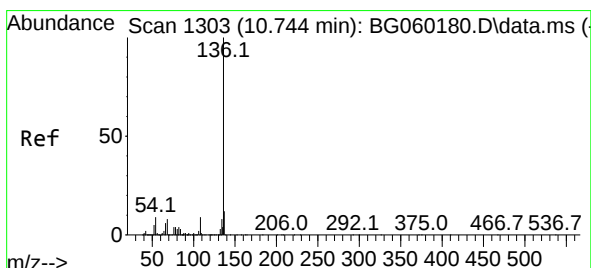
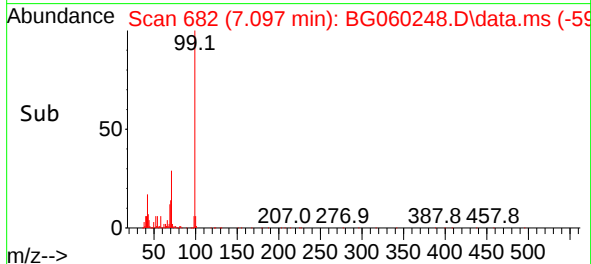
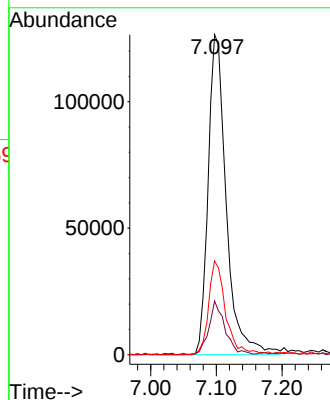
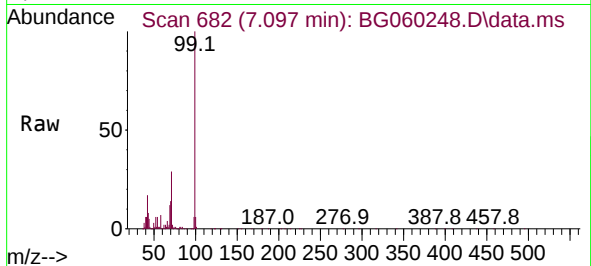




#7
Phenol-d6
Concen: 13.381 ng
RT: 7.097 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG060248.D
Acq: 4 Jan 2024 17:00

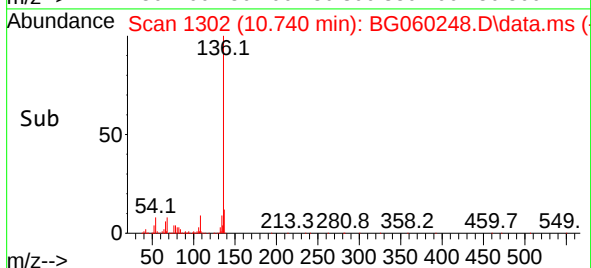
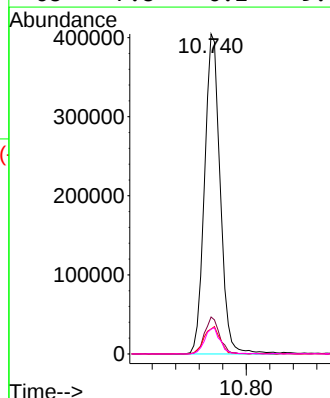
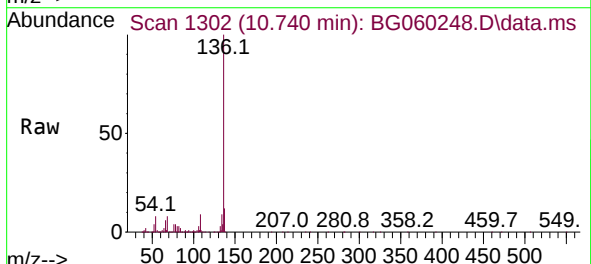
Instrument :
BNA_G
ClientSampleId :
EQ-TANK

Tgt Ion: 99 Resp: 243048
Ion Ratio Lower Upper
99 100
42 16.8 12.5 18.7
71 29.3 24.1 36.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.740 min Scan# 1302
Delta R.T. -0.004 min
Lab File: BG060248.D
Acq: 4 Jan 2024 17:00

Tgt Ion:136 Resp: 747476
Ion Ratio Lower Upper
136 100
137 11.6 9.4 14.0
54 7.8 7.4 11.2
68 7.8 6.2 9.4





#23

Nitrobenzene-d5

Concen: 55.570 ng

RT: 9.101 min Scan# 1023

Delta R.T. -0.004 min

Lab File: BG060248.D

Acq: 4 Jan 2024 17:00

Instrument :

BNA_G

ClientSampleId :

EQ-TANK

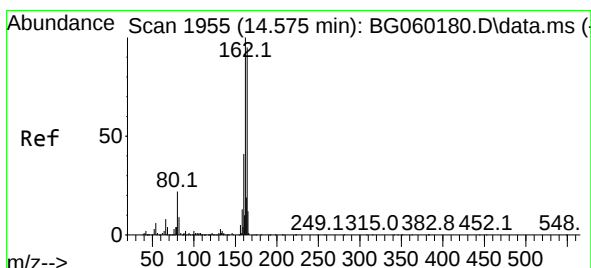
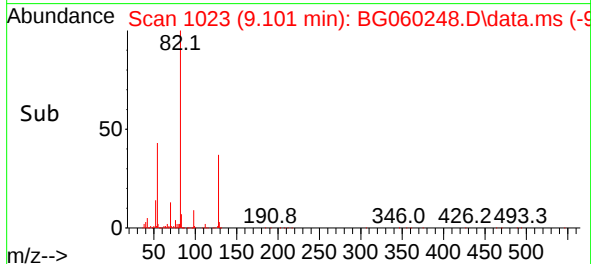
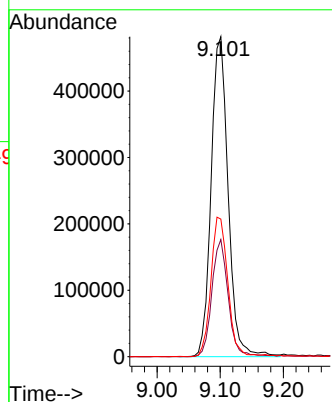
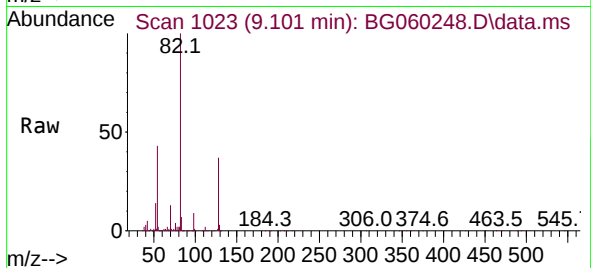
Tgt Ion: 82 Resp: 899263

Ion Ratio Lower Upper

82 100

128 36.6 28.7 43.1

54 43.0 36.9 55.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.577 min Scan# 1955

Delta R.T. 0.002 min

Lab File: BG060248.D

Acq: 4 Jan 2024 17:00

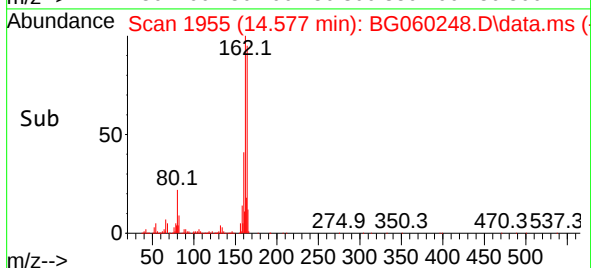
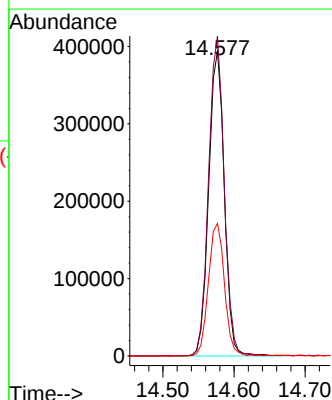
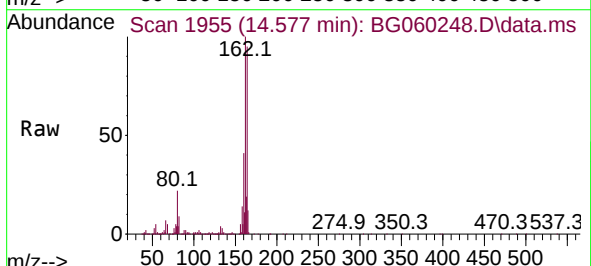
Tgt Ion:164 Resp: 602329

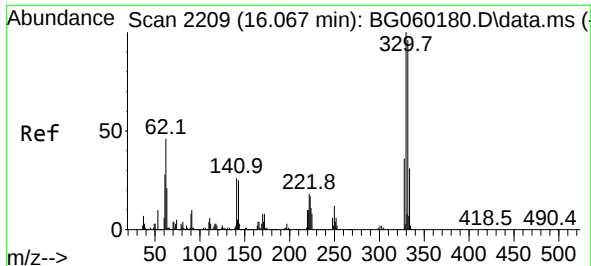
Ion Ratio Lower Upper

164 100

162 105.0 83.9 125.9

160 43.5 34.2 51.4

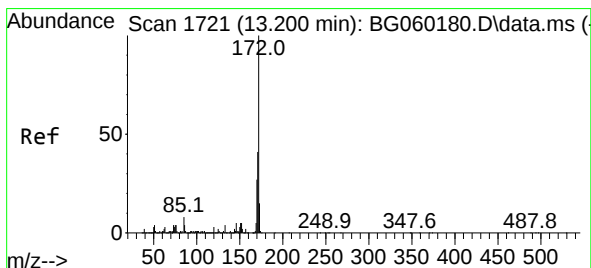
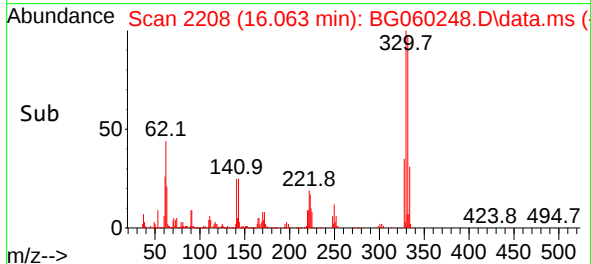
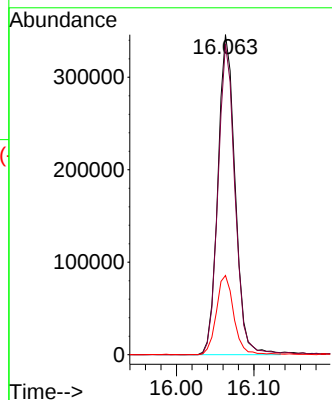
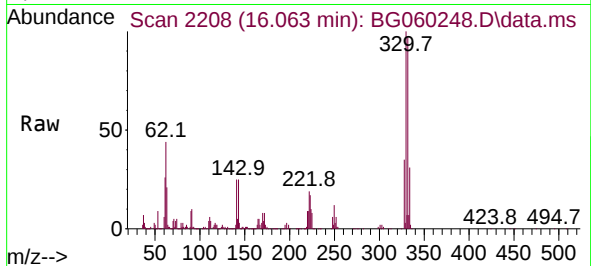




#42
2,4,6-Tribromophenol
Concen: 66.418 ng
RT: 16.063 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG060248.D
Acq: 4 Jan 2024 17:00

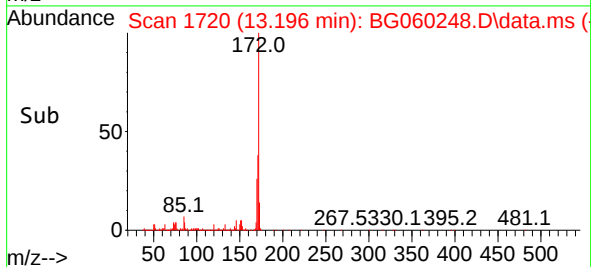
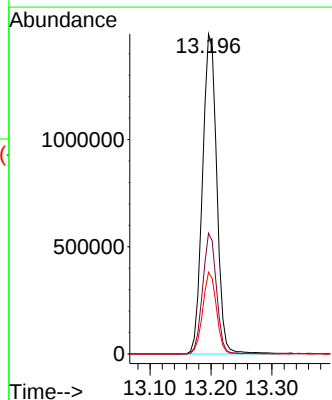
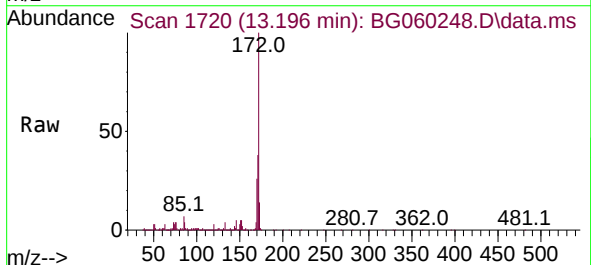
Instrument :
BNA_G
ClientSampleId :
EQ-TANK

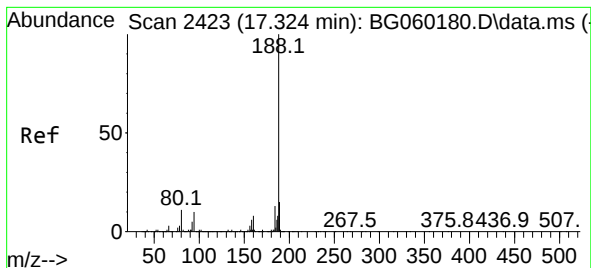
Tgt Ion:330 Resp: 535514
Ion Ratio Lower Upper
330 100
332 96.3 76.7 115.1
141 25.3 21.0 31.4



#45
2-Fluorobiphenyl
Concen: 57.896 ng
RT: 13.196 min Scan# 1720
Delta R.T. -0.004 min
Lab File: BG060248.D
Acq: 4 Jan 2024 17:00

Tgt Ion:172 Resp: 2426357
Ion Ratio Lower Upper
172 100
171 37.8 32.6 48.8
170 25.5 21.8 32.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.321 min Scan# 24

Delta R.T. -0.004 min

Lab File: BG060248.D

Acq: 4 Jan 2024 17:00

Instrument :

BNA_G

ClientSampleId :

EQ-TANK

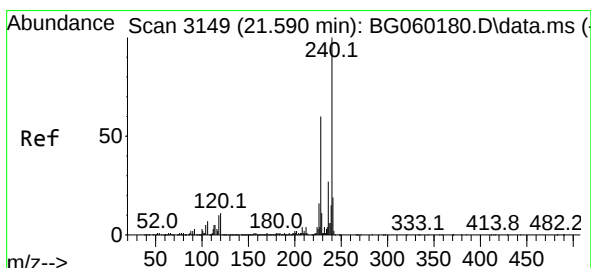
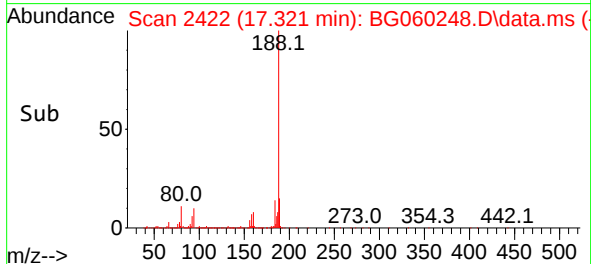
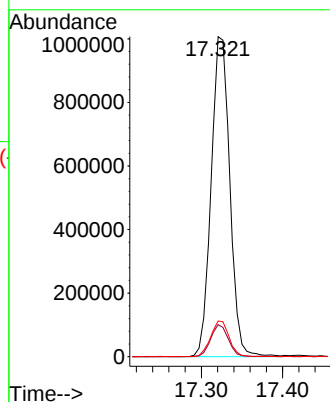
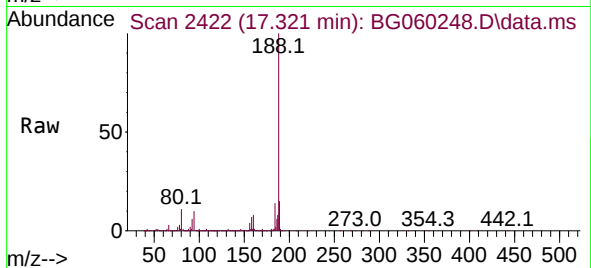
Tgt Ion:188 Resp: 1604501

Ion Ratio Lower Upper

188 100

94 10.0 7.8 11.6

80 11.2 8.6 13.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.586 min Scan# 3148

Delta R.T. -0.004 min

Lab File: BG060248.D

Acq: 4 Jan 2024 17:00

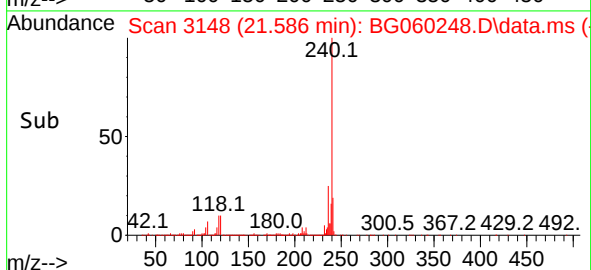
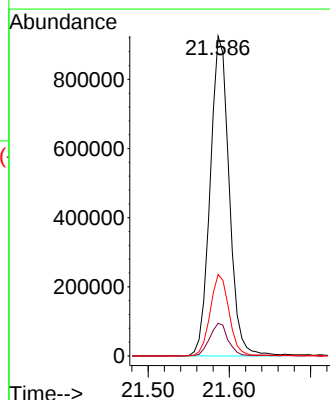
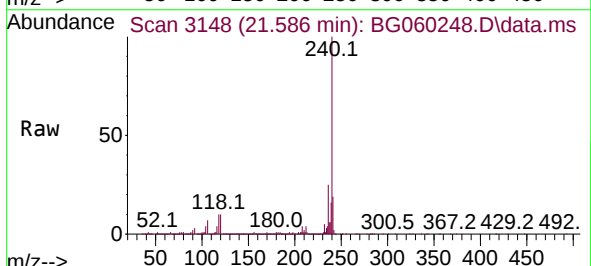
Tgt Ion:240 Resp: 1502878

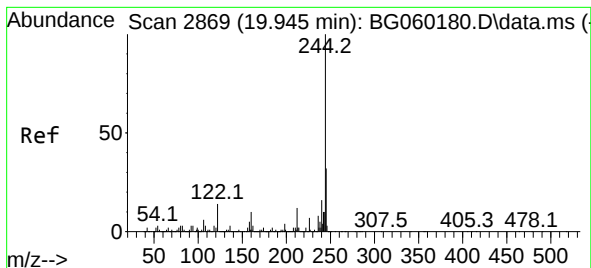
Ion Ratio Lower Upper

240 100

120 10.2 8.5 12.7

236 25.5 21.4 32.2





#79

Terphenyl-d14

Concen: 58.995 ng

RT: 19.941 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG060248.D

Acq: 4 Jan 2024 17:00

Instrument :

BNA_G

ClientSampleId :

EQ-TANK

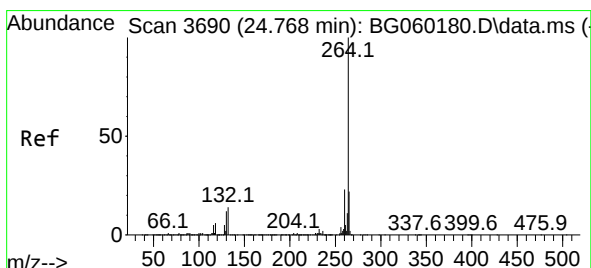
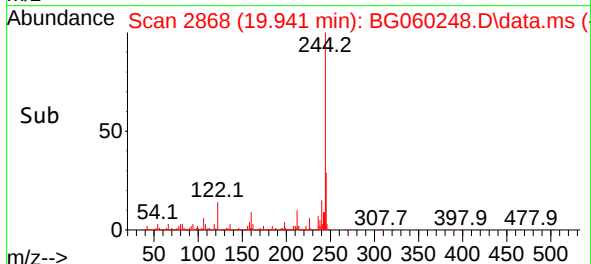
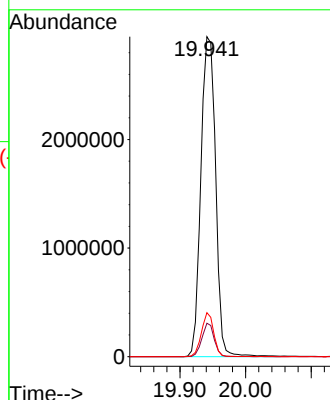
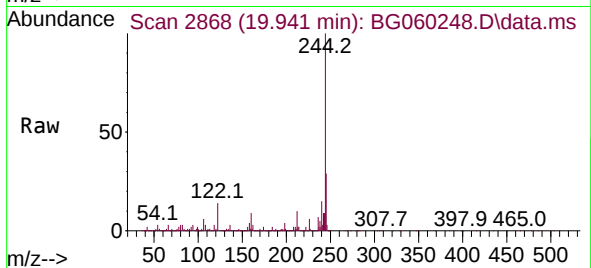
Tgt Ion:244 Resp: 4611828

Ion Ratio Lower Upper

244 100

212 10.5 9.5 14.3

122 13.8 11.4 17.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.765 min Scan# 3689

Delta R.T. -0.004 min

Lab File: BG060248.D

Acq: 4 Jan 2024 17:00

Tgt Ion:264 Resp: 1728606

Ion Ratio Lower Upper

264 100

260 23.6 18.0 27.0

265 21.6 17.4 26.0

