

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011224\
 Data File : BG060327.D
 Acq On : 12 Jan 2024 22:34
 Operator : MA/JU
 Sample : P1118-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-2

Quant Time: Jan 12 23:45:34 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	7.930	152	247250	20.000	ng	0.00
21) Naphthalene-d8	10.732	136	898485	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	653681	20.000	ng	0.00
64) Phenanthrene-d10	17.313	188	1571811	20.000	ng	0.00
76) Chrysene-d12	21.573	240	1626275	20.000	ng	0.00
86) Perylene-d12	24.745	264	1734630	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.503	112	1830458	121.768	ng	0.00
7) Phenol-d6	7.095	99	2540413	114.128	ng	0.00
23) Nitrobenzene-d5	9.093	82	1717036	90.239	ng	0.00
42) 2,4,6-Tribromophenol	16.055	330	1055727	109.771	ng	0.00
45) 2-Fluorobiphenyl	13.188	172	3934805	83.689	ng	0.00
79) Terphenyl-d14	19.933	244	5704123	90.711	ng	0.00

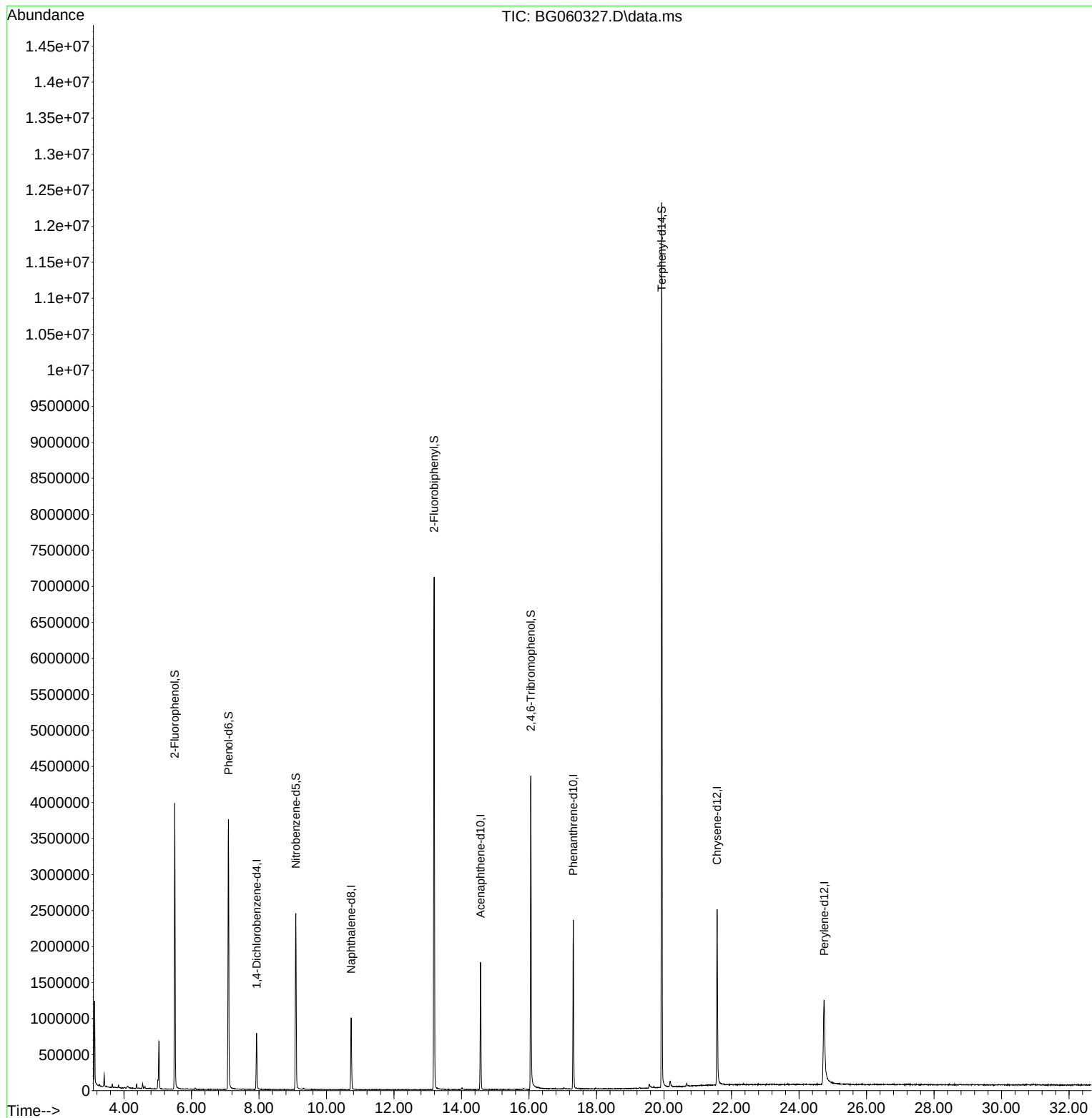
Target Compounds	Qvalue

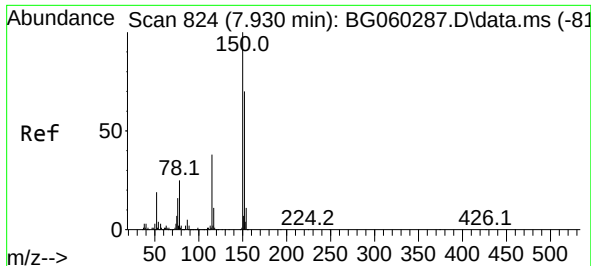
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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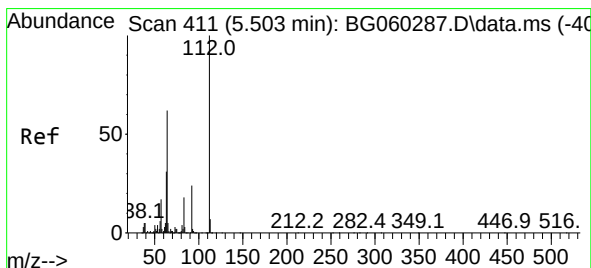
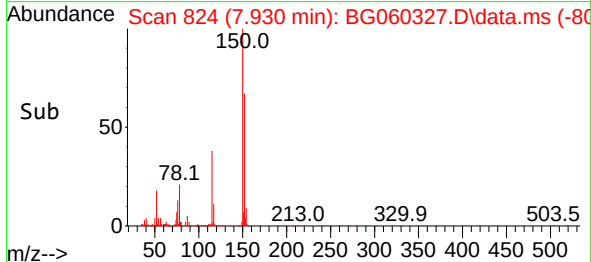
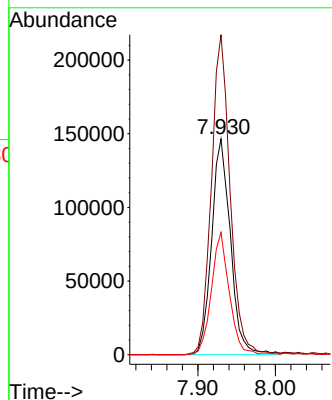
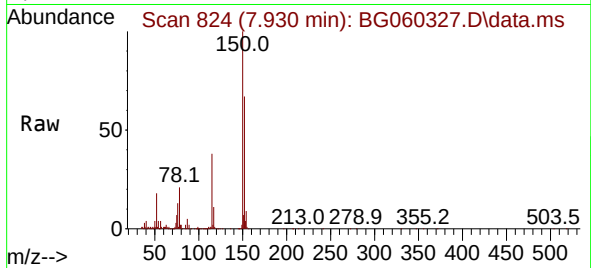




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.930 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG060327.D
Acq: 12 Jan 2024 22:34

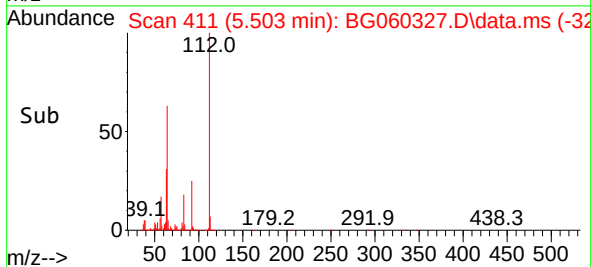
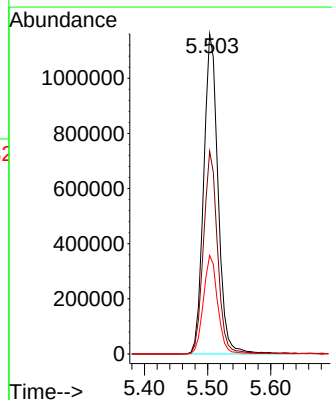
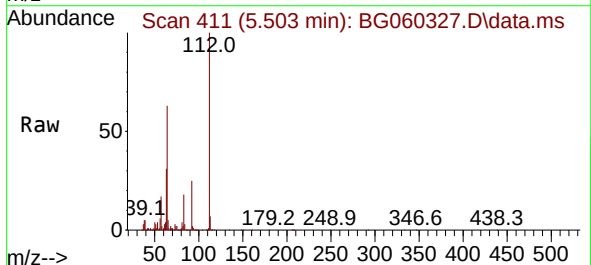
Instrument :
BNA_G
ClientSampleId :
WC-2

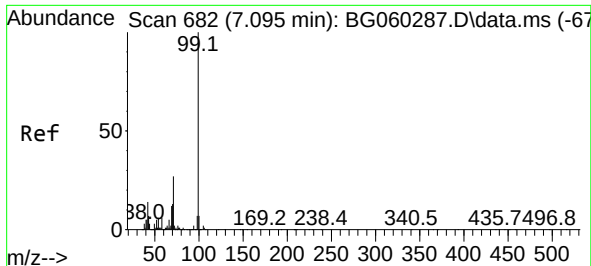
Tgt Ion:152 Resp: 247250
Ion Ratio Lower Upper
152 100
150 148.3 114.5 171.7
115 56.7 43.0 64.6



#5
2-Fluorophenol
Concen: 121.768 ng
RT: 5.503 min Scan# 411
Delta R.T. 0.000 min
Lab File: BG060327.D
Acq: 12 Jan 2024 22:34

Tgt Ion:112 Resp: 1830458
Ion Ratio Lower Upper
112 100
64 63.4 49.8 74.6
63 30.8 24.4 36.6



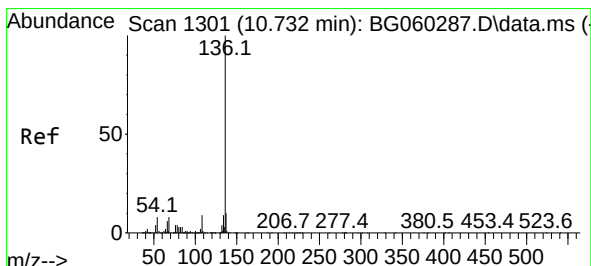
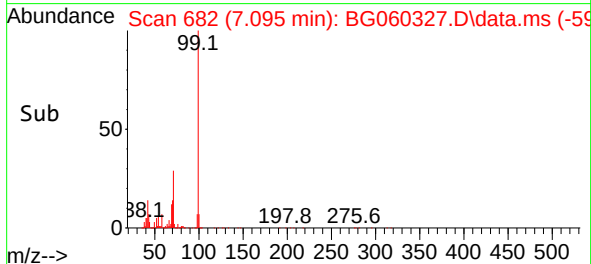
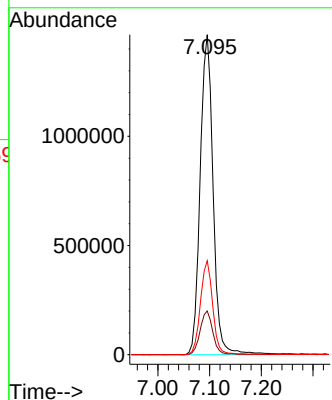
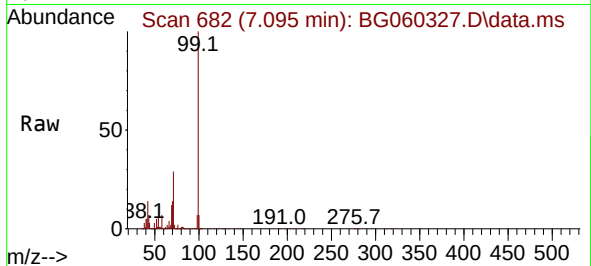


#7
Phenol-d6
Concen: 114.128 ng
RT: 7.095 min Scan# 682
Delta R.T. 0.000 min
Lab File: BG060327.D
Acq: 12 Jan 2024 22:34

Instrument :
BNA_G
ClientSampleId :
WC-2

Tgt Ion: 99 Resp: 2540413

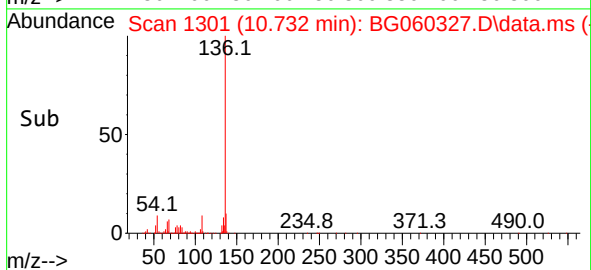
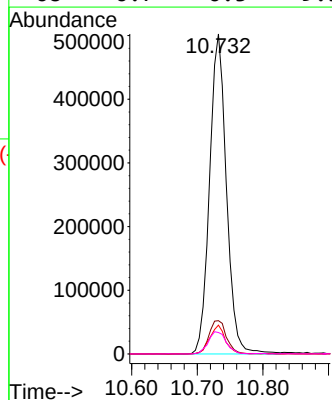
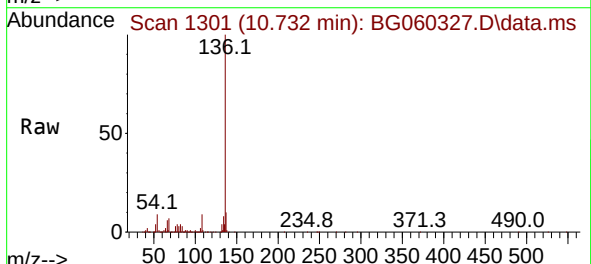
Ion	Ratio	Lower	Upper
99	100		
42	13.6	10.9	16.3
71	29.3	21.5	32.3

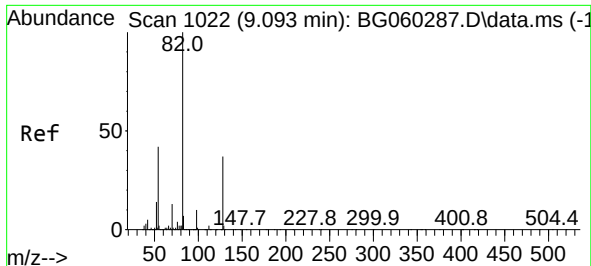


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.732 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BG060327.D
Acq: 12 Jan 2024 22:34

Tgt Ion: 136 Resp: 898485

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.2	12.4
54	9.0	6.2	9.2
68	6.7	6.3	9.5

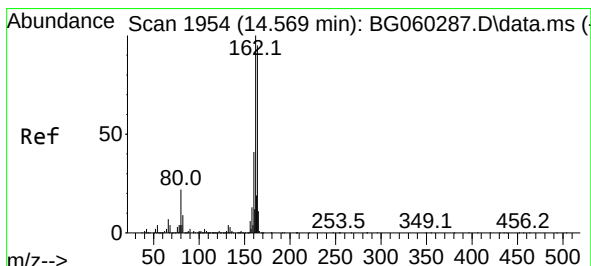
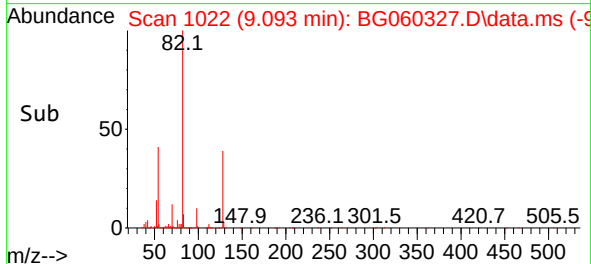
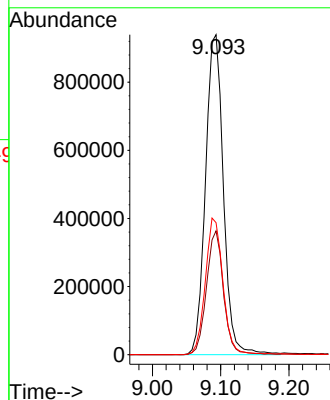
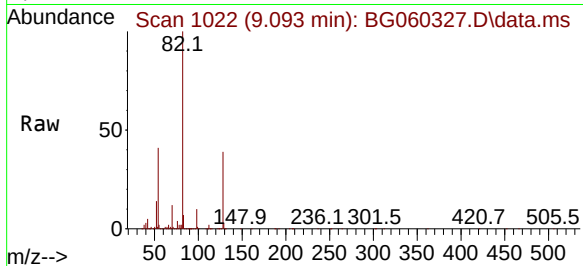




#23
Nitrobenzene-d5
Concen: 90.239 ng
RT: 9.093 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BG060327.D
Acq: 12 Jan 2024 22:34

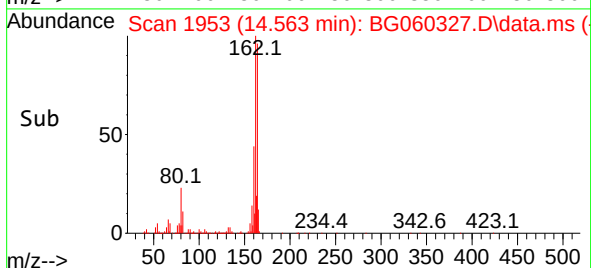
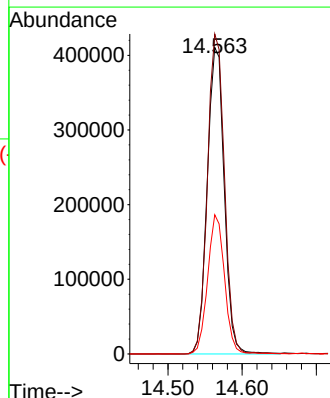
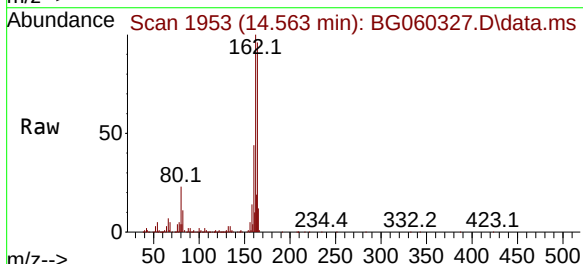
Instrument :
BNA_G
ClientSampleId :
WC-2

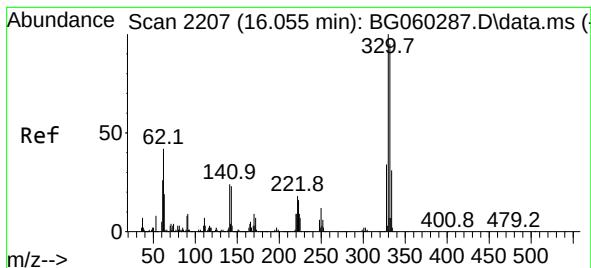
Tgt Ion: 82 Resp: 1717036
Ion Ratio Lower Upper
82 100
128 38.7 29.6 44.4
54 41.2 33.6 50.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.563 min Scan# 1953
Delta R.T. -0.006 min
Lab File: BG060327.D
Acq: 12 Jan 2024 22:34

Tgt Ion:164 Resp: 653681
Ion Ratio Lower Upper
164 100
162 104.4 84.4 126.6
160 45.4 34.6 52.0

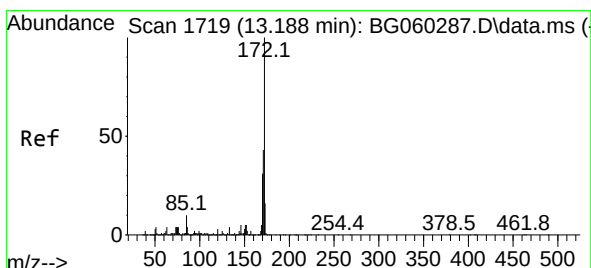
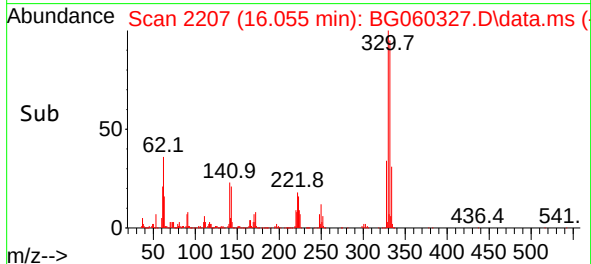
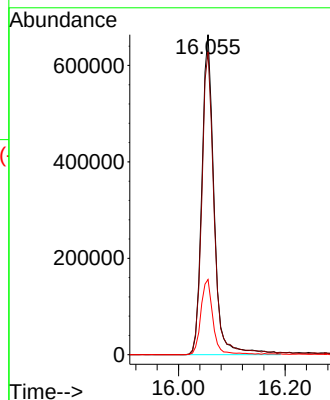
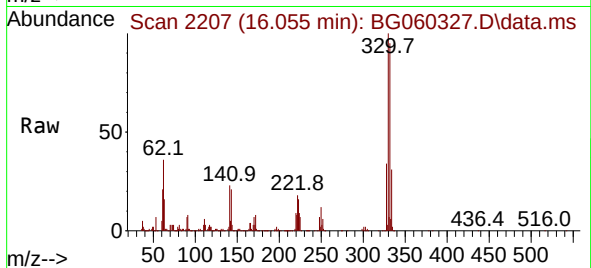




#42
2,4,6-Tribromophenol
Concen: 109.771 ng
RT: 16.055 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG060327.D
Acq: 12 Jan 2024 22:34

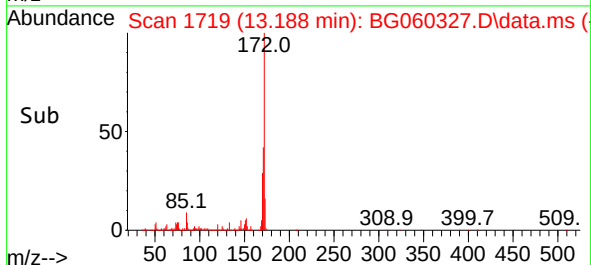
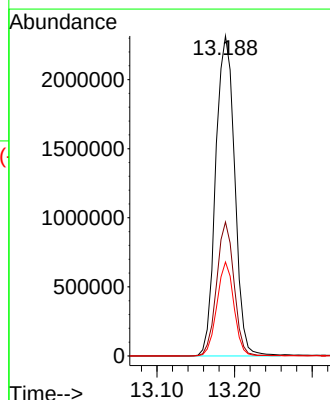
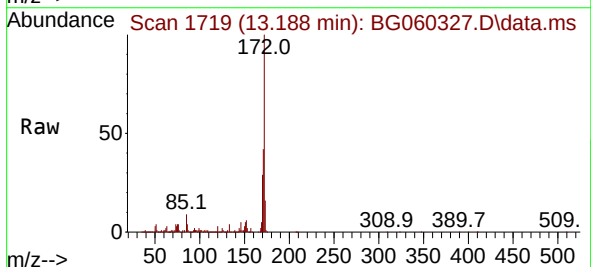
Instrument :
BNA_G
ClientSampleId :
WC-2

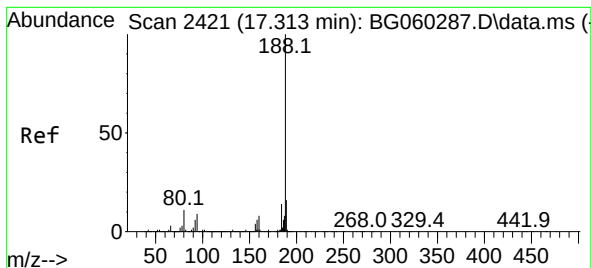
Tgt Ion:330 Resp: 1055727
Ion Ratio Lower Upper
330 100
332 96.5 76.7 115.1
141 23.3 18.6 28.0



#45
2-Fluorobiphenyl
Concen: 83.689 ng
RT: 13.188 min Scan# 1719
Delta R.T. 0.000 min
Lab File: BG060327.D
Acq: 12 Jan 2024 22:34

Tgt Ion:172 Resp: 3934805
Ion Ratio Lower Upper
172 100
171 41.9 34.6 51.8
170 29.4 24.4 36.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.313 min Scan# 2421

Delta R.T. 0.000 min

Lab File: BG060327.D

Acq: 12 Jan 2024 22:34

Instrument :

BNA_G

ClientSampleId :

WC-2

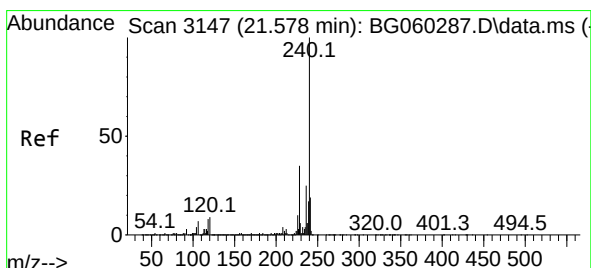
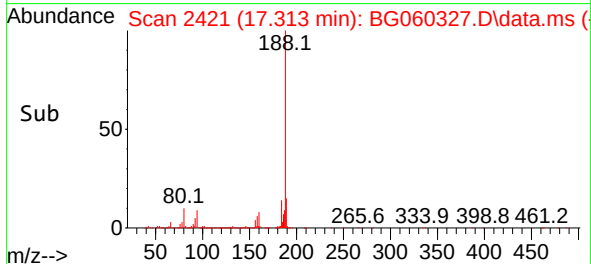
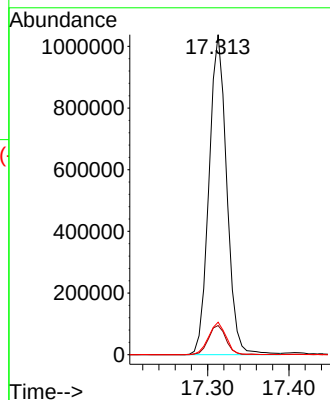
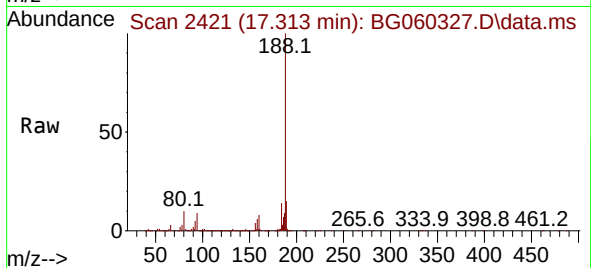
Tgt Ion:188 Resp: 1571811

Ion Ratio Lower Upper

188 100

94 9.1 7.1 10.7

80 10.2 8.5 12.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.573 min Scan# 3146

Delta R.T. -0.006 min

Lab File: BG060327.D

Acq: 12 Jan 2024 22:34

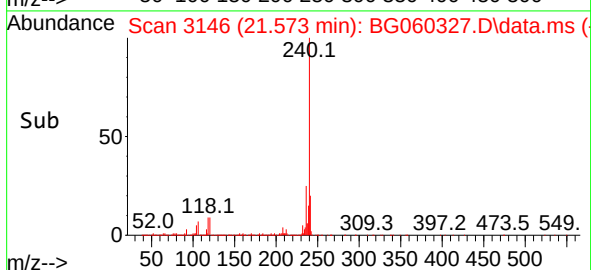
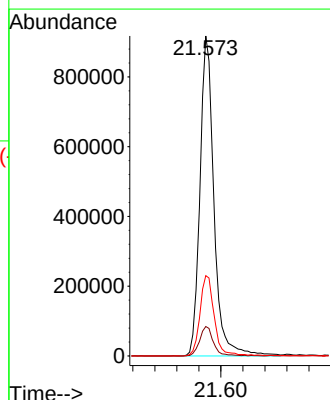
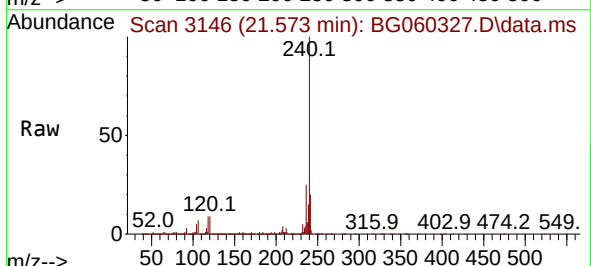
Tgt Ion:240 Resp: 1626275

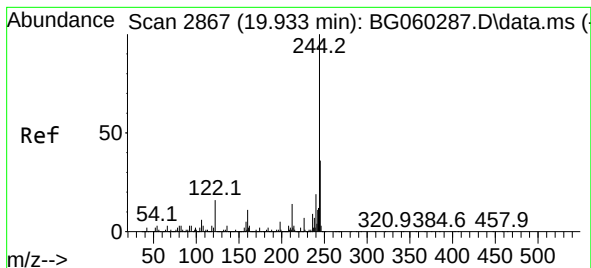
Ion Ratio Lower Upper

240 100

120 9.2 7.3 10.9

236 25.1 20.3 30.5





#79

Terphenyl-d14

Concen: 90.711 ng

RT: 19.933 min Scan# 2

Delta R.T. 0.000 min

Lab File: BG060327.D

Acq: 12 Jan 2024 22:34

Instrument :

BNA_G

ClientSampleId :

WC-2

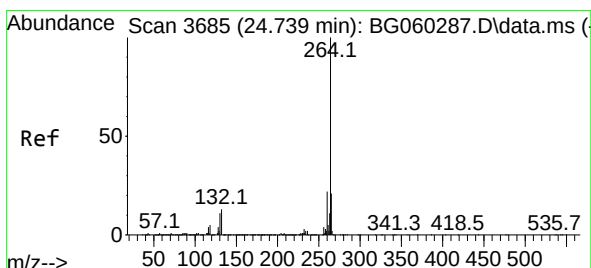
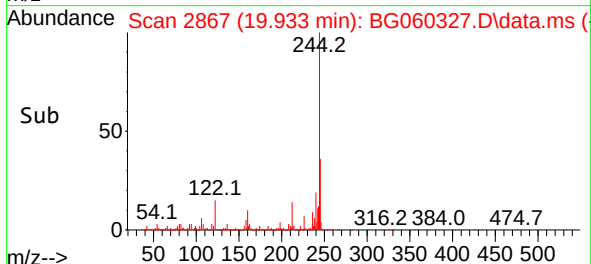
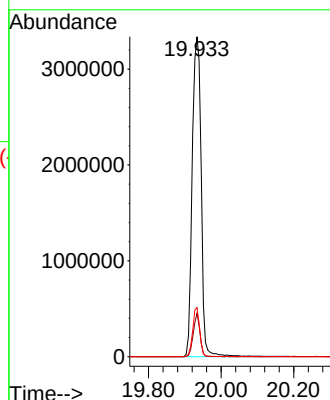
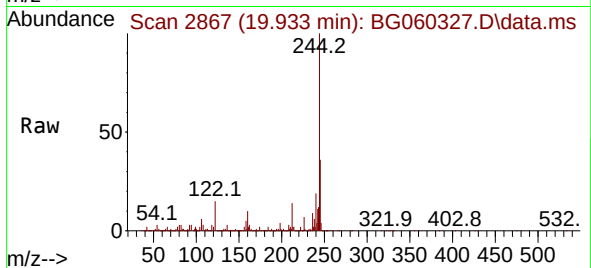
Tgt Ion:244 Resp: 5704123

Ion Ratio Lower Upper

244 100

212 13.6 10.9 16.3

122 15.4 12.6 18.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.745 min Scan# 3686

Delta R.T. 0.006 min

Lab File: BG060327.D

Acq: 12 Jan 2024 22:34

Tgt Ion:264 Resp: 1734630

Ion Ratio Lower Upper

264 100

260 23.8 17.8 26.6

265 22.0 16.8 25.2

