

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010424\
 Data File : BG060260.D
 Acq On : 5 Jan 2024 1:45
 Operator : MA/JU
 Sample : 06045-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MR-300-0-2

Quant Time: Jan 05 02:29:20 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	7.935	152	170365	20.000	ng	0.00
21) Naphthalene-d8	10.737	136	694611	20.000	ng	0.00
39) Acenaphthene-d10	14.574	164	563935	20.000	ng	0.00
64) Phenanthrene-d10	17.318	188	1586890	20.000	ng	0.00
76) Chrysene-d12	21.589	240	1521988	20.000	ng	0.00
86) Perylene-d12	24.762	264	1623863	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.508	112	1482754	131.364	ng	0.00
7) Phenol-d6	7.100	99	2070228	123.528	ng	0.00
23) Nitrobenzene-d5	9.098	82	1399793	93.083	ng	0.00
42) 2,4,6-Tribromophenol	16.066	330	1250420	165.644	ng	0.00
45) 2-Fluorobiphenyl	13.193	172	3474712	88.555	ng	0.00
79) Terphenyl-d14	19.944	244	5717554	72.221	ng	0.00

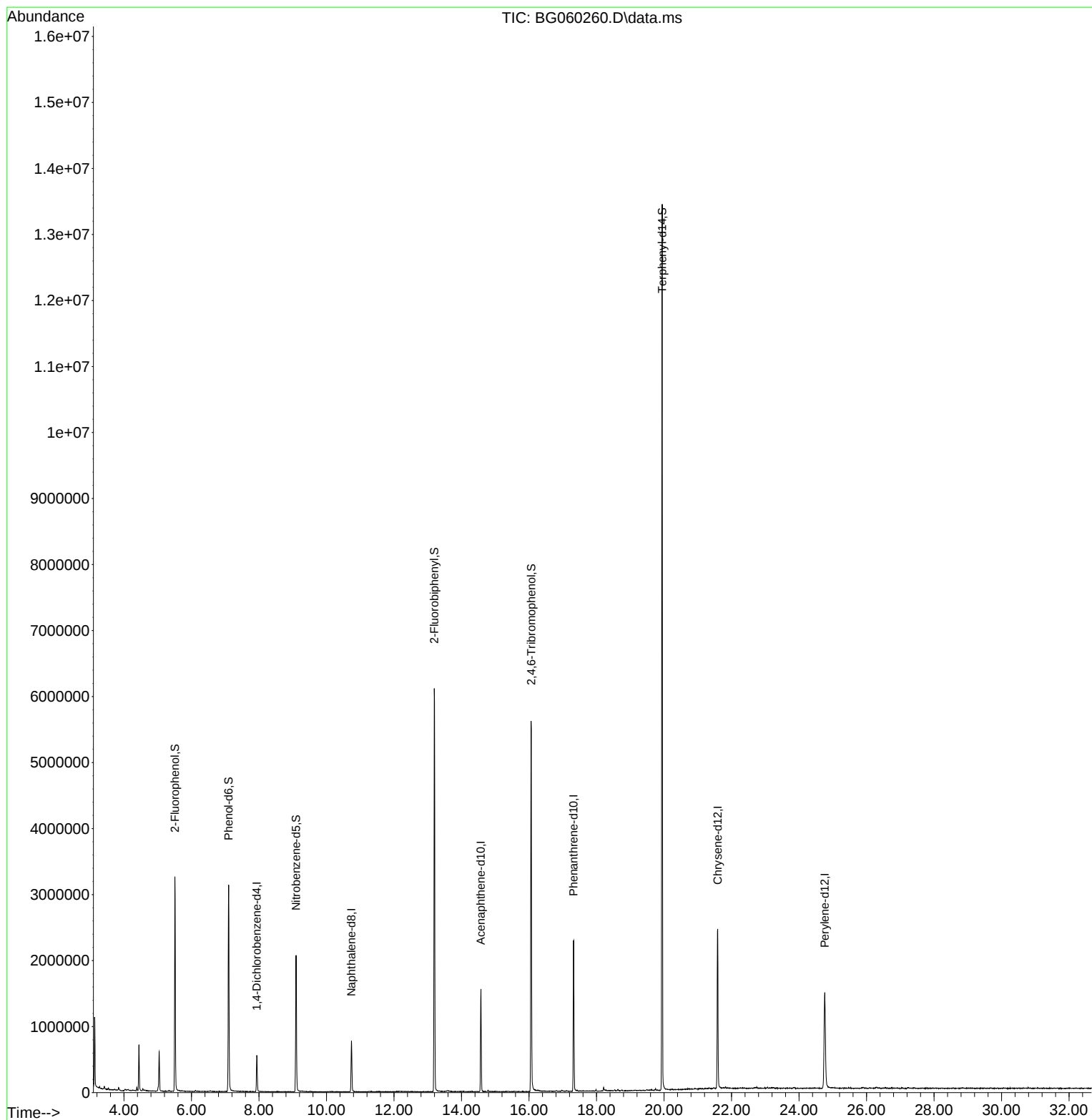
Target Compounds	Qvalue

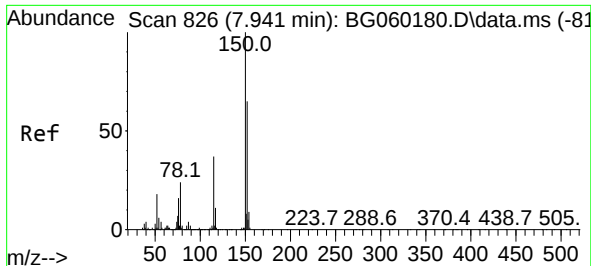
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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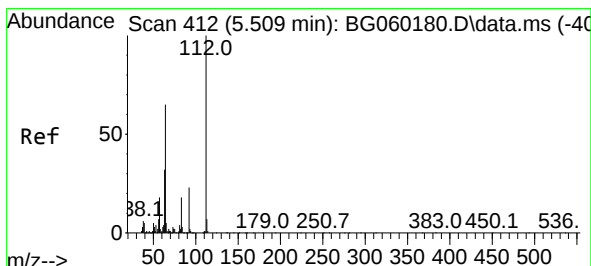
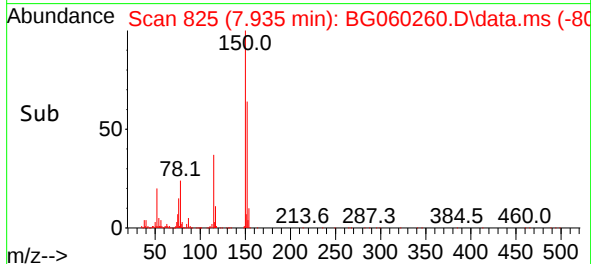
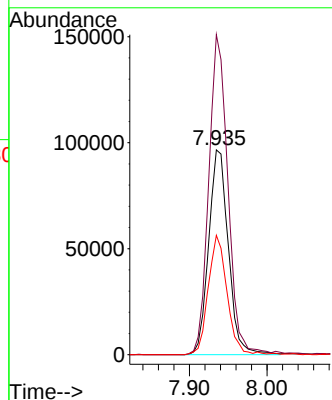
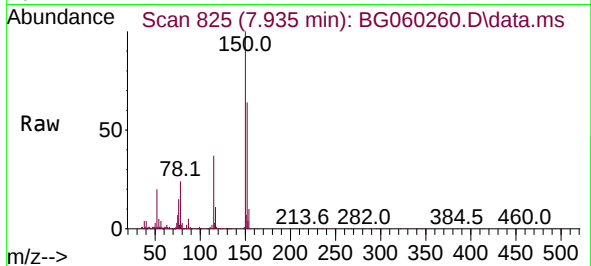




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.935 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG060260.D
Acq: 5 Jan 2024 1:45

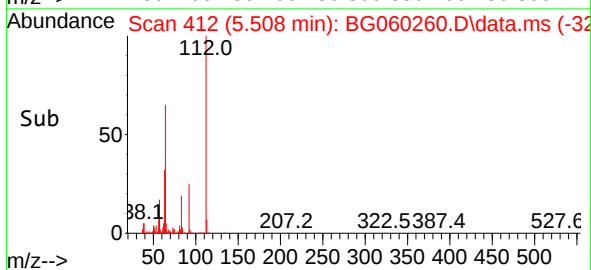
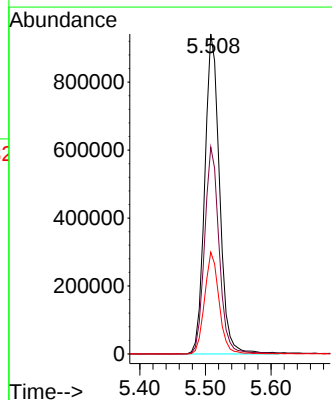
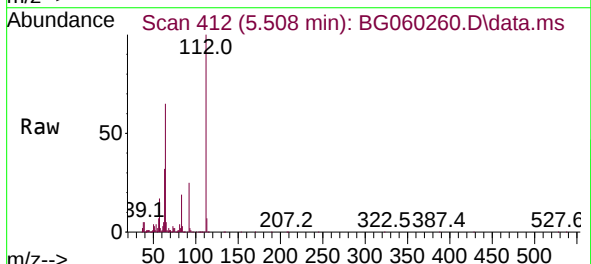
Instrument :
BNA_G
ClientSampleId :
MR-300-0-2

Tgt Ion:152 Resp: 170365
Ion Ratio Lower Upper
152 100
150 156.2 123.4 185.0
115 58.3 45.4 68.0



#5
2-Fluorophenol
Concen: 131.364 ng
RT: 5.508 min Scan# 412
Delta R.T. -0.001 min
Lab File: BG060260.D
Acq: 5 Jan 2024 1:45

Tgt Ion:112 Resp: 1482754
Ion Ratio Lower Upper
112 100
64 64.7 52.2 78.4
63 31.8 25.4 38.0



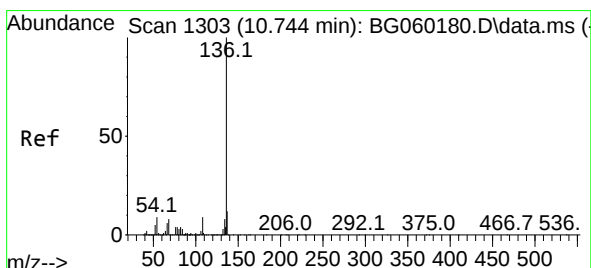
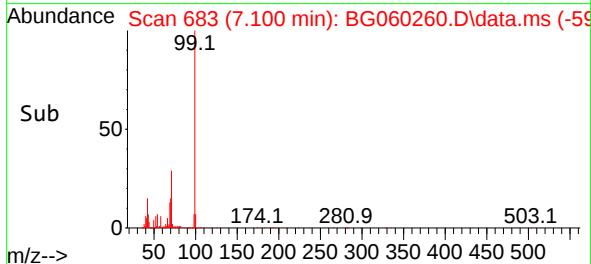
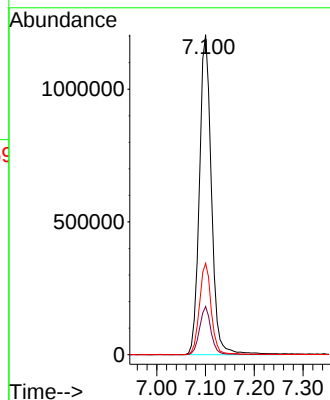
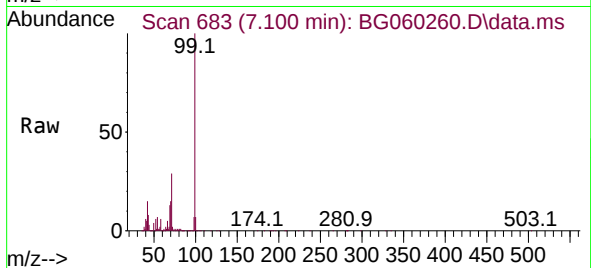


#7
Phenol-d6
Concen: 123.528 ng
RT: 7.100 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG060260.D
Acq: 5 Jan 2024 1:45

Instrument :
BNA_G
ClientSampleId :
MR-300-0-2

Tgt Ion: 99 Resp: 2070228

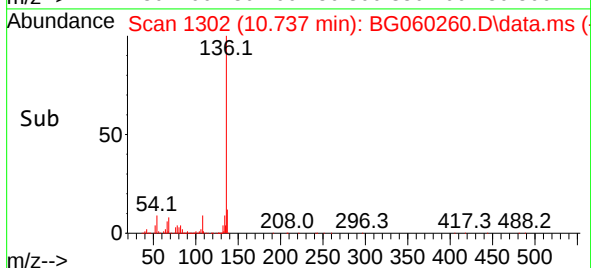
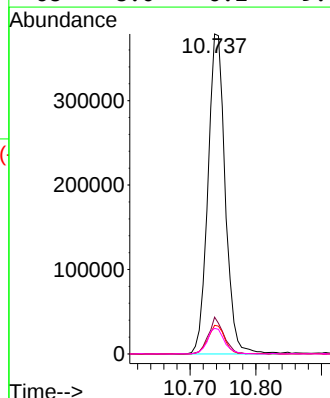
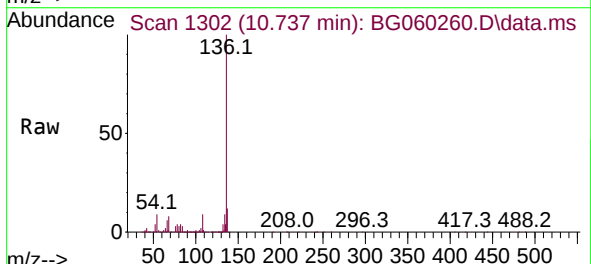
Ion	Ratio	Lower	Upper
99	100		
42	15.1	12.5	18.7
71	28.6	24.1	36.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.737 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BG060260.D
Acq: 5 Jan 2024 1:45

Tgt Ion:136 Resp: 694611

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.4	14.0
54	8.9	7.4	11.2
68	8.0	6.2	9.4



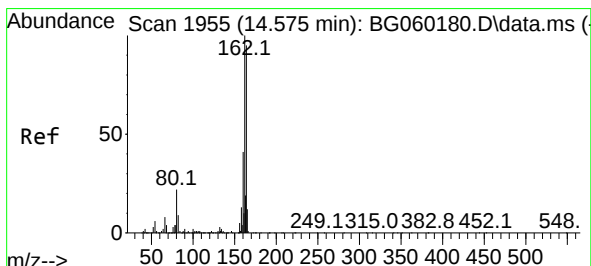
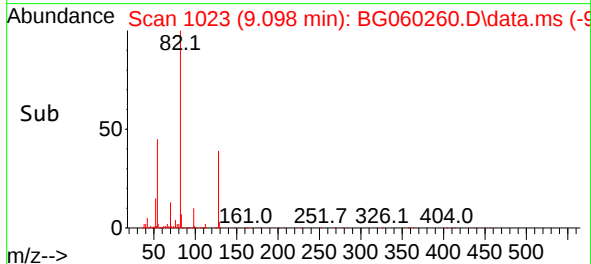
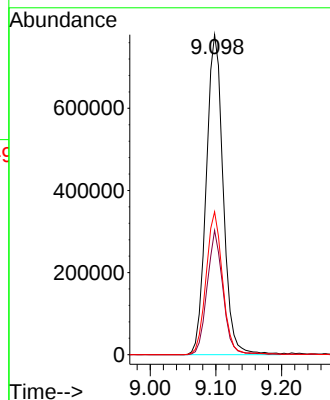
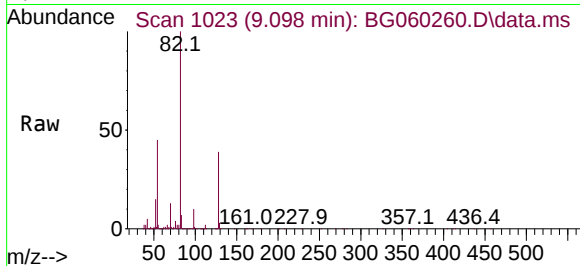


#23
Nitrobenzene-d5
Concen: 93.083 ng
RT: 9.098 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BG060260.D
Acq: 5 Jan 2024 1:45

Instrument :
BNA_G
ClientSampleId :
MR-300-0-2

Tgt Ion: 82 Resp: 1399793

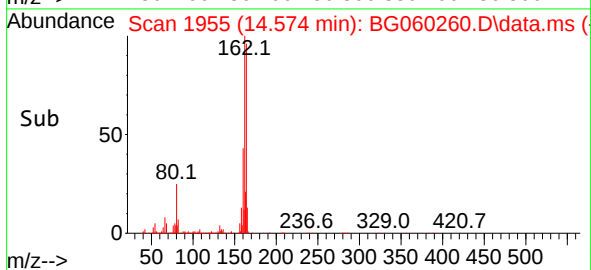
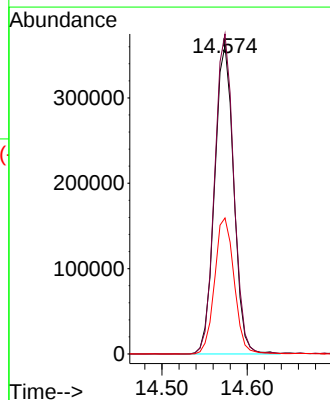
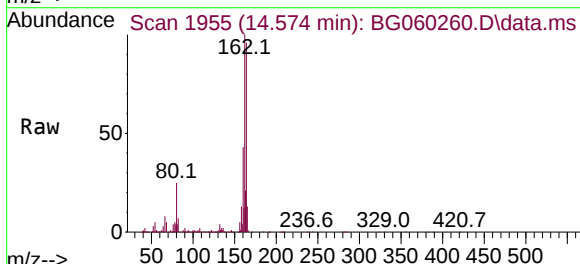
Ion	Ratio	Lower	Upper
82	100		
128	38.8	28.7	43.1
54	44.6	36.9	55.3

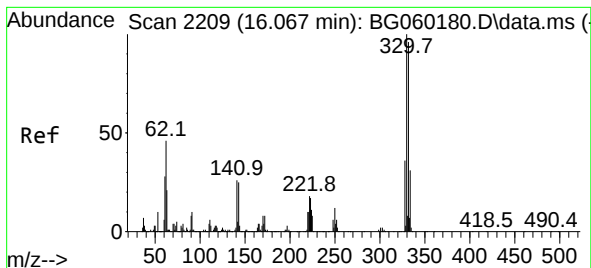


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.574 min Scan# 1955
Delta R.T. -0.001 min
Lab File: BG060260.D
Acq: 5 Jan 2024 1:45

Tgt Ion:164 Resp: 563935

Ion	Ratio	Lower	Upper
164	100		
162	103.7	83.9	125.9
160	44.1	34.2	51.4

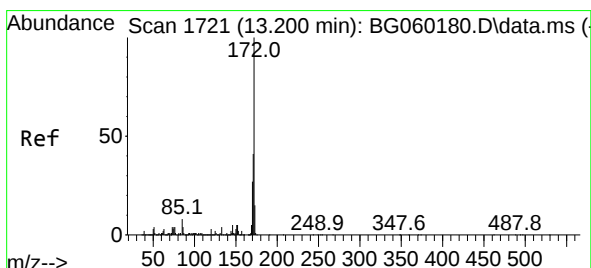
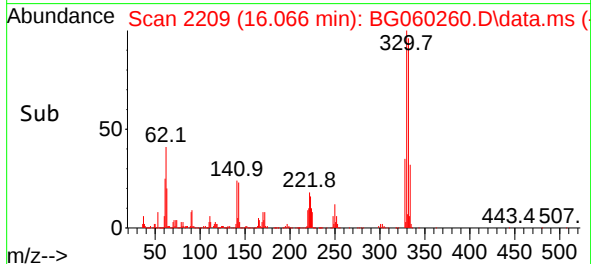
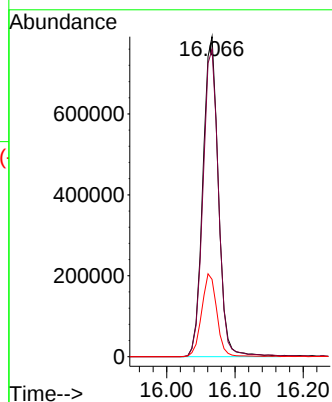
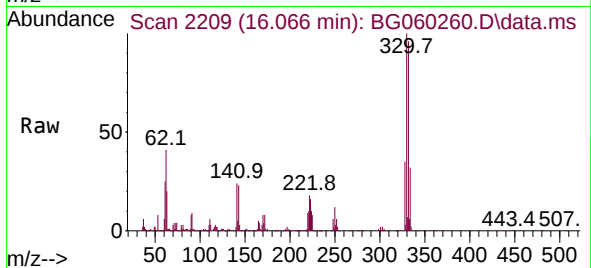




#42
2,4,6-Tribromophenol
Concen: 165.644 ng
RT: 16.066 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG060260.D
Acq: 5 Jan 2024 1:45

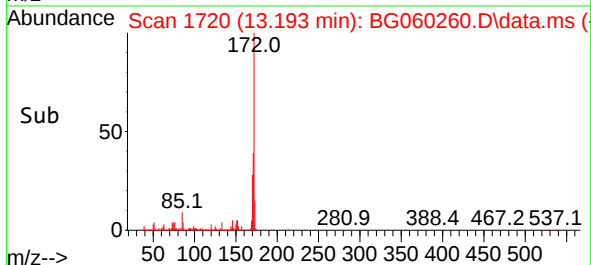
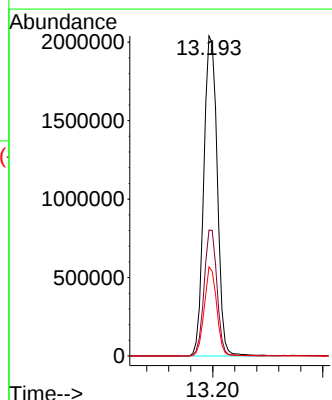
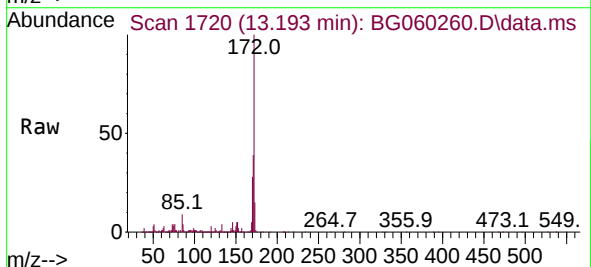
Instrument :
BNA_G
ClientSampleId :
MR-300-0-2

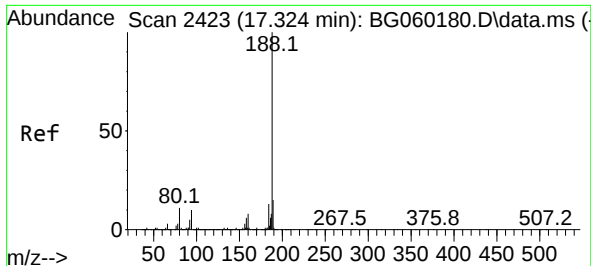
Tgt Ion:330 Resp: 1250420
Ion Ratio Lower Upper
330 100
332 96.9 76.7 115.1
141 25.5 21.0 31.4



#45
2-Fluorobiphenyl
Concen: 88.555 ng
RT: 13.193 min Scan# 1720
Delta R.T. -0.006 min
Lab File: BG060260.D
Acq: 5 Jan 2024 1:45

Tgt Ion:172 Resp: 3474712
Ion Ratio Lower Upper
172 100
171 39.4 32.6 48.8
170 27.8 21.8 32.6

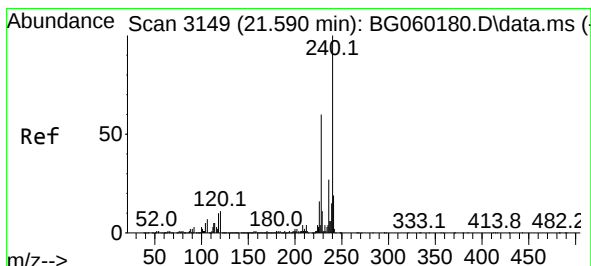
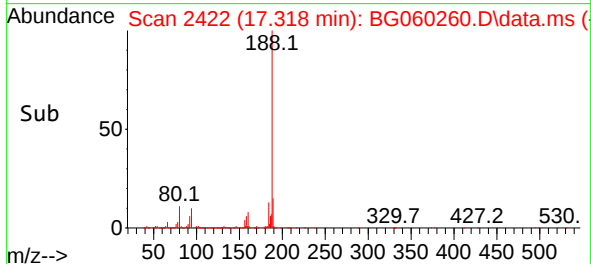
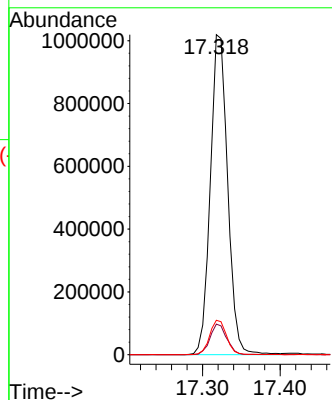
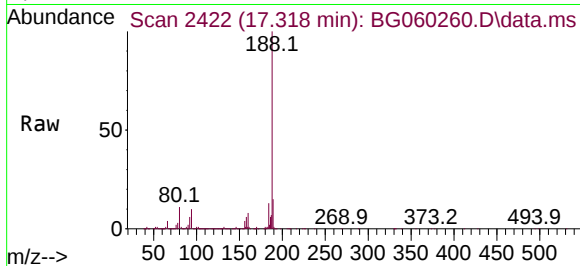




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.318 min Scan# 2422
Delta R.T. -0.006 min
Lab File: BG060260.D
Acq: 5 Jan 2024 1:45

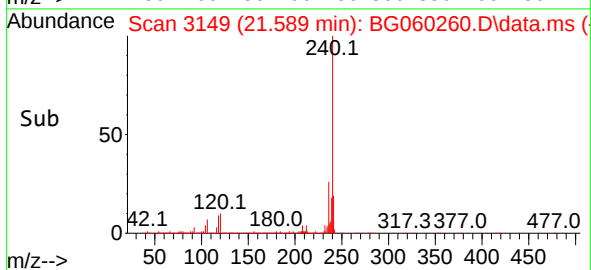
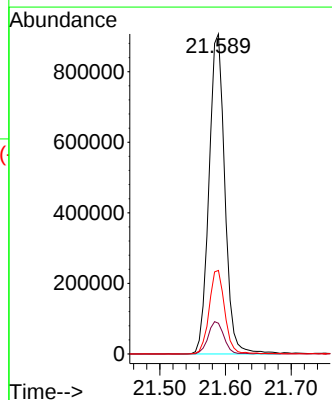
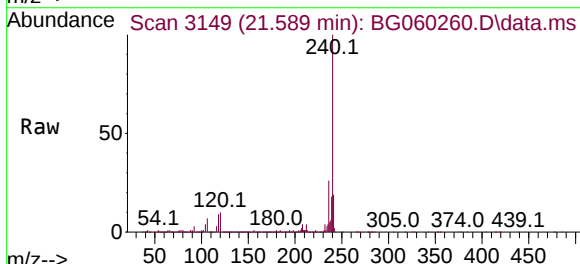
Instrument :
BNA_G
ClientSampleId :
MR-300-0-2

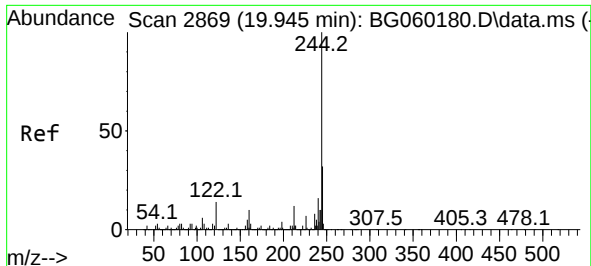
Tgt Ion:188 Resp: 1586890
Ion Ratio Lower Upper
188 100
94 9.6 7.8 11.6
80 10.8 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.589 min Scan# 3149
Delta R.T. -0.001 min
Lab File: BG060260.D
Acq: 5 Jan 2024 1:45

Tgt Ion:240 Resp: 1521988
Ion Ratio Lower Upper
240 100
120 9.6 8.5 12.7
236 26.1 21.4 32.2

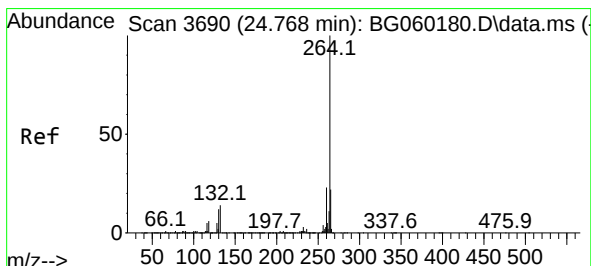
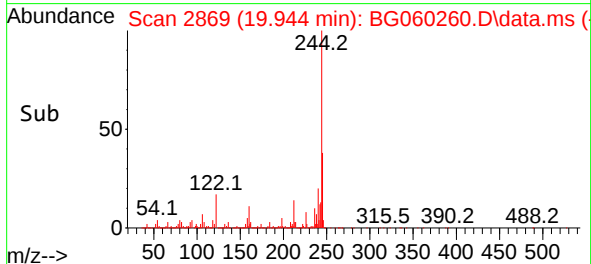
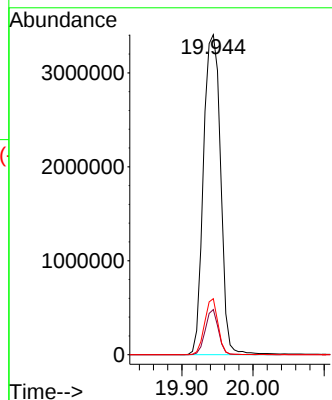
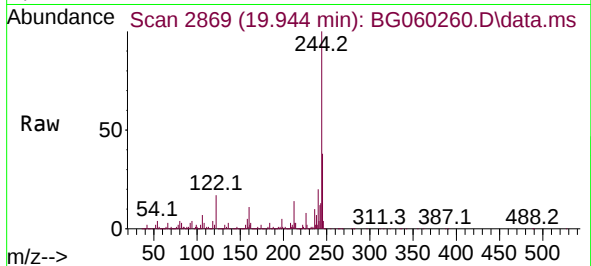




#79
 Terphenyl-d14
 Concen: 72.221 ng
 RT: 19.944 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG060260.D
 Acq: 5 Jan 2024 1:45

Instrument :
 BNA_G
 ClientSampleId :
 MR-300-0-2

Tgt Ion:244 Resp: 5717554
 Ion Ratio Lower Upper
 244 100
 212 14.1 9.5 14.3
 122 17.5 11.4 17.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.762 min Scan# 3689
 Delta R.T. -0.006 min
 Lab File: BG060260.D
 Acq: 5 Jan 2024 1:45

Tgt Ion:264 Resp: 1623863
 Ion Ratio Lower Upper
 264 100
 260 22.2 18.0 27.0
 265 21.9 17.4 26.0

