

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011224\
 Data File : BG060326.D
 Acq On : 12 Jan 2024 21:53
 Operator : MA/JU
 Sample : P1118-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-1

Quant Time: Jan 12 23:45:19 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	7.932	152	262934	20.000	ng	0.00
21) Naphthalene-d8	10.729	136	989307	20.000	ng	0.00
39) Acenaphthene-d10	14.566	164	711111	20.000	ng	0.00
64) Phenanthrene-d10	17.310	188	1758882	20.000	ng	0.00
76) Chrysene-d12	21.575	240	1707748	20.000	ng	0.00
86) Perylene-d12	24.736	264	1809588	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.506	112	1984039	124.112	ng	0.00
7) Phenol-d6	7.092	99	2591590	109.482	ng	0.00
23) Nitrobenzene-d5	9.090	82	1964047	93.745	ng	0.00
42) 2,4,6-Tribromophenol	16.052	330	1305084	124.739	ng	0.00
45) 2-Fluorobiphenyl	13.191	172	4317242	84.408	ng	0.00
79) Terphenyl-d14	19.936	244	5936356	89.368	ng	0.00

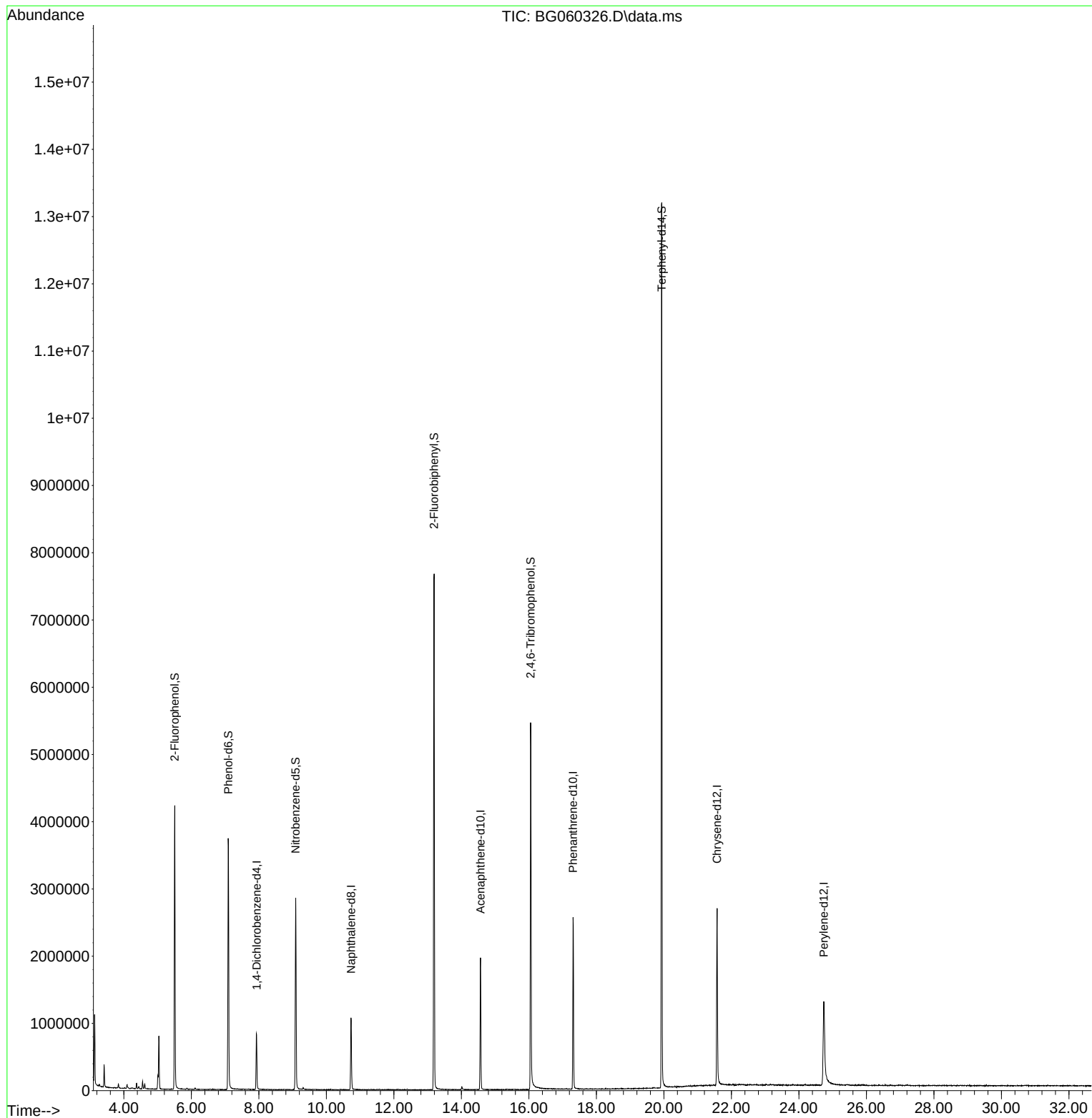
Target Compounds	Qvalue

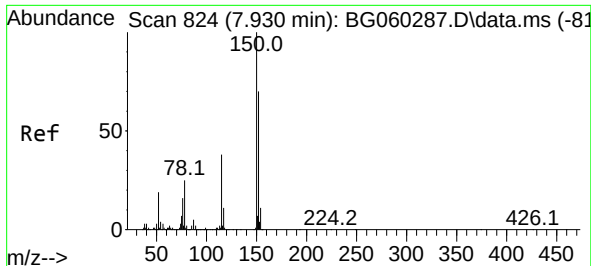
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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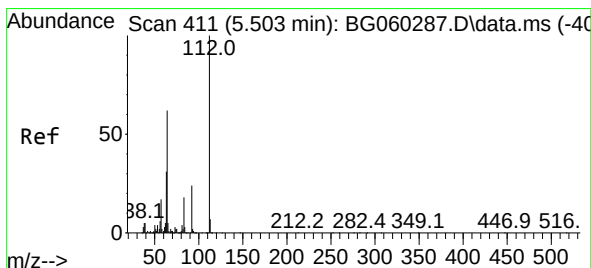
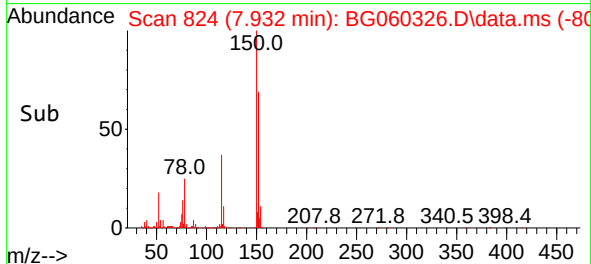
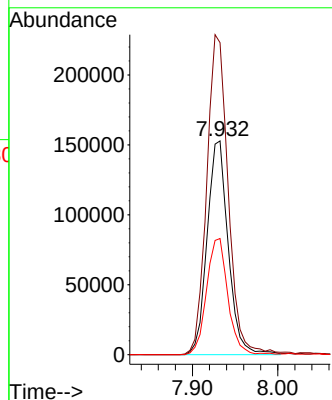
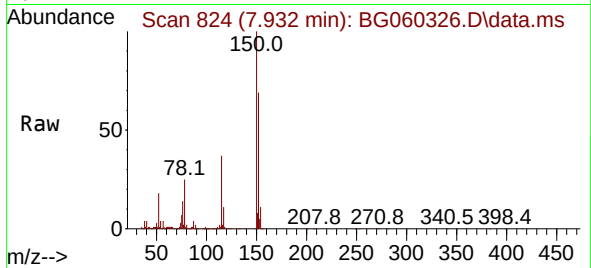




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.932 min Scan# 81
Delta R.T. 0.002 min
Lab File: BG060326.D
Acq: 12 Jan 2024 21:53

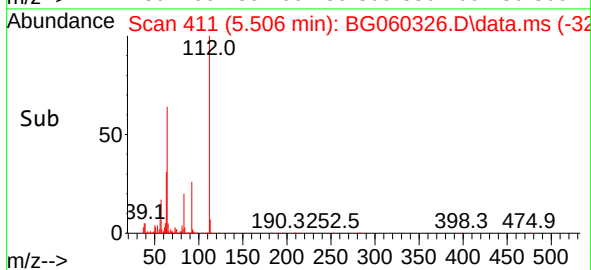
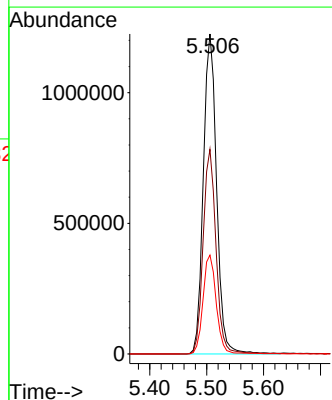
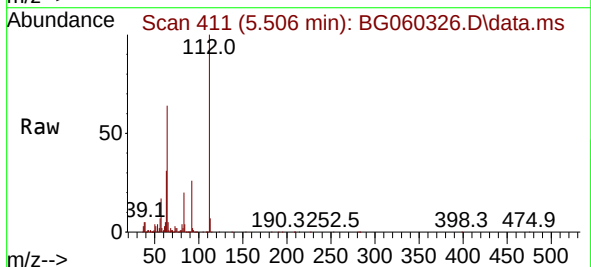
Instrument :
BNA_G
ClientSampleId :
WC-1

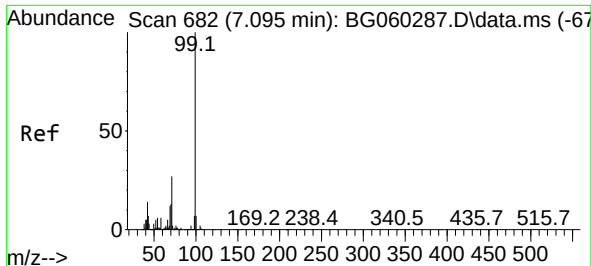
Tgt Ion:152 Resp: 262934
Ion Ratio Lower Upper
152 100
150 145.9 114.5 171.7
115 54.3 43.0 64.6



#5
2-Fluorophenol
Concen: 124.112 ng
RT: 5.506 min Scan# 411
Delta R.T. 0.003 min
Lab File: BG060326.D
Acq: 12 Jan 2024 21:53

Tgt Ion:112 Resp: 1984039
Ion Ratio Lower Upper
112 100
64 64.0 49.8 74.6
63 30.9 24.4 36.6

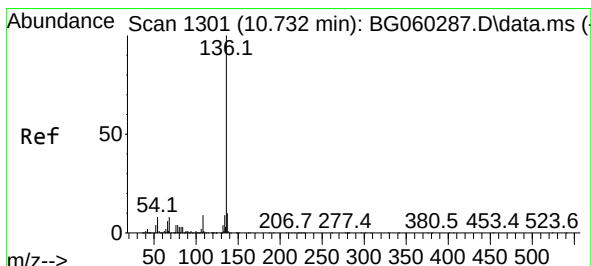
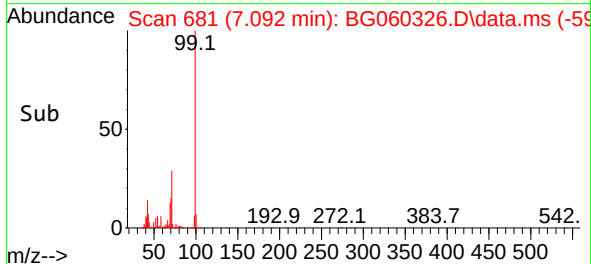
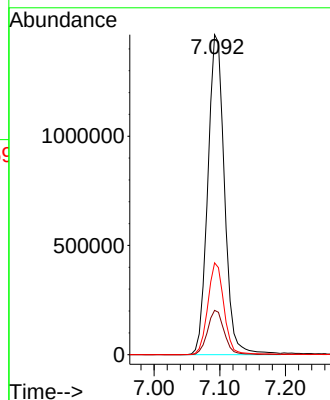
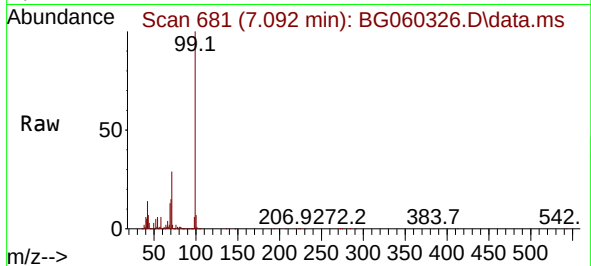




#7
Phenol-d6
Concen: 109.482 ng
RT: 7.092 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG060326.D
Acq: 12 Jan 2024 21:53

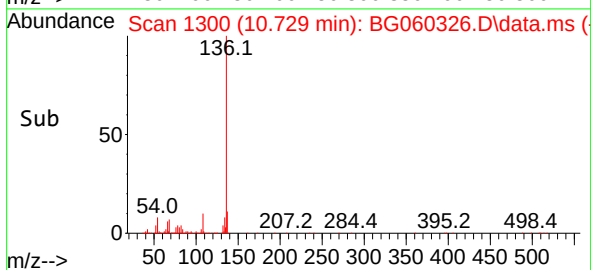
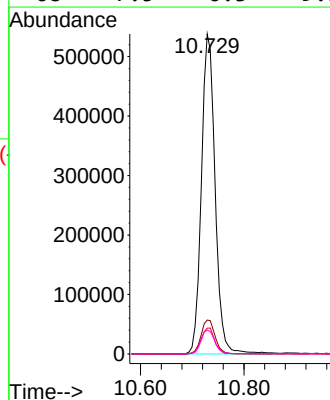
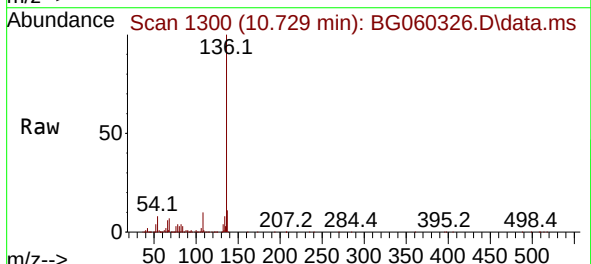
Instrument :
BNA_G
ClientSampleId :
WC-1

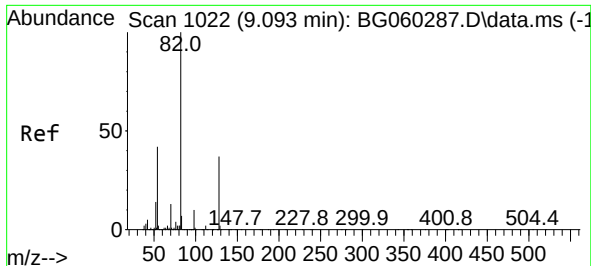
Tgt Ion: 99 Resp: 2591590
Ion Ratio Lower Upper
99 100
42 13.9 10.9 16.3
71 28.7 21.5 32.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.729 min Scan# 1300
Delta R.T. -0.003 min
Lab File: BG060326.D
Acq: 12 Jan 2024 21:53

Tgt Ion:136 Resp: 989307
Ion Ratio Lower Upper
136 100
137 10.6 8.2 12.4
54 8.1 6.2 9.2
68 7.5 6.3 9.5

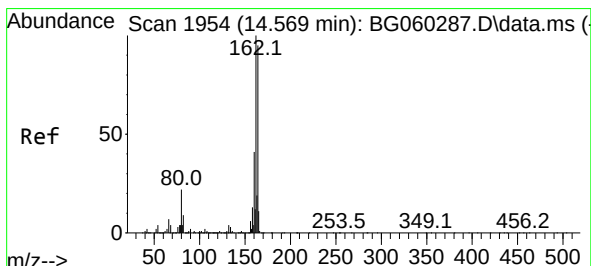
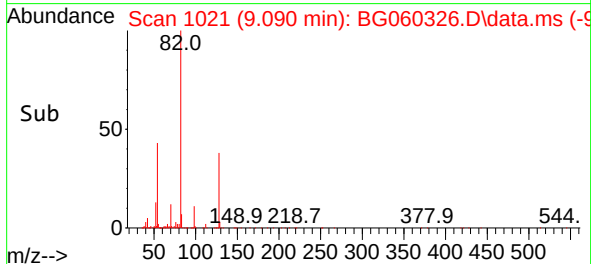
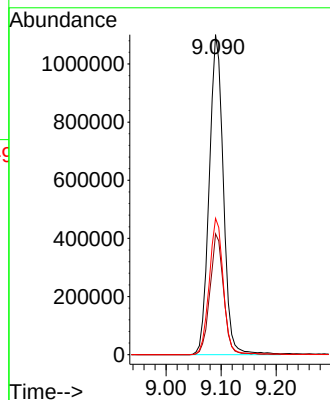
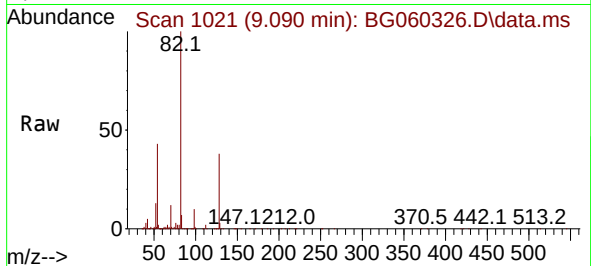




#23
Nitrobenzene-d5
Concen: 93.745 ng
RT: 9.090 min Scan# 1022
Delta R.T. -0.003 min
Lab File: BG060326.D
Acq: 12 Jan 2024 21:53

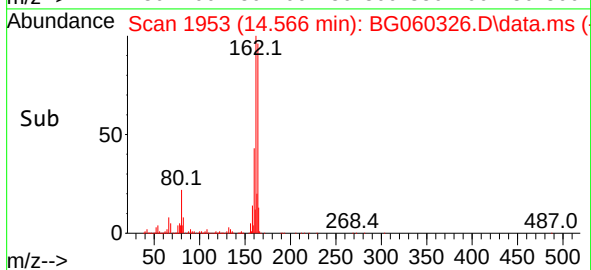
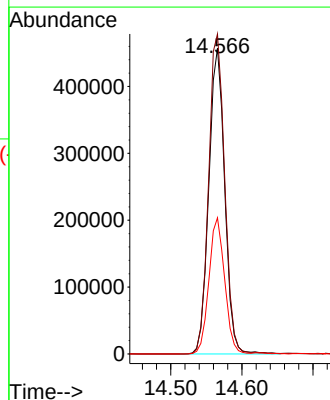
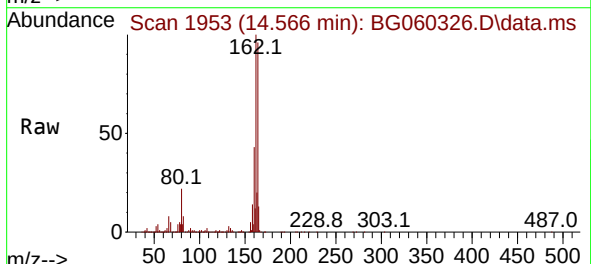
Instrument :
BNA_G
ClientSampleId :
WC-1

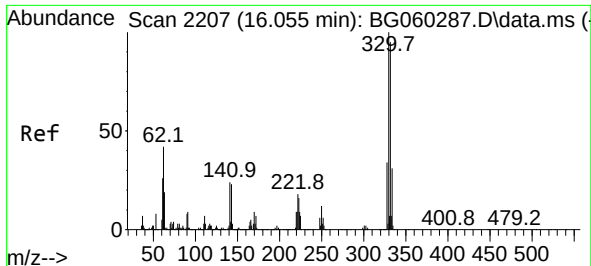
Tgt Ion: 82 Resp: 1964047
Ion Ratio Lower Upper
82 100
128 37.8 29.6 44.4
54 42.6 33.6 50.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.566 min Scan# 1953
Delta R.T. -0.003 min
Lab File: BG060326.D
Acq: 12 Jan 2024 21:53

Tgt Ion:164 Resp: 711111
Ion Ratio Lower Upper
164 100
162 104.6 84.4 126.6
160 44.5 34.6 52.0

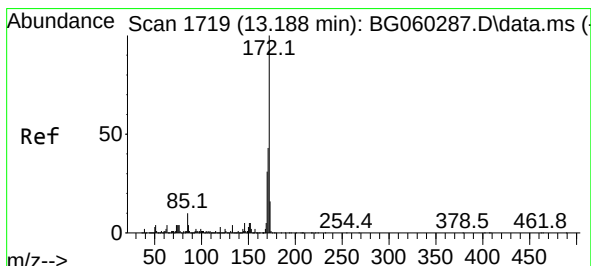
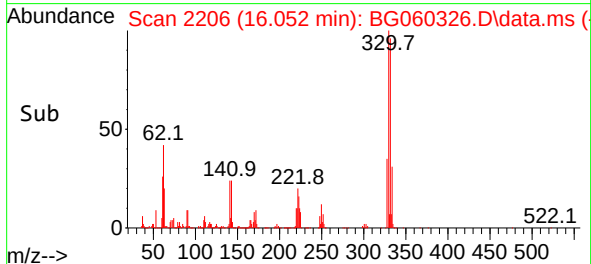
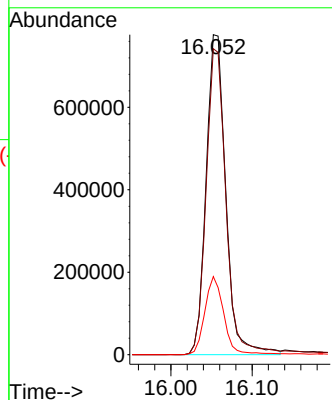
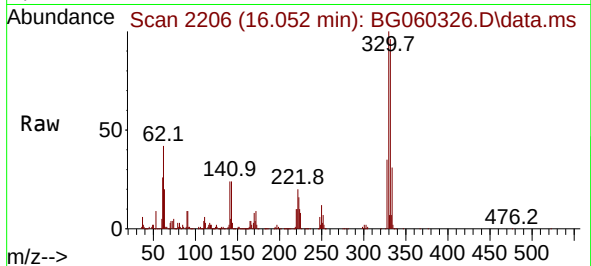




#42
2,4,6-Tribromophenol
Concen: 124.739 ng
RT: 16.052 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG060326.D
Acq: 12 Jan 2024 21:53

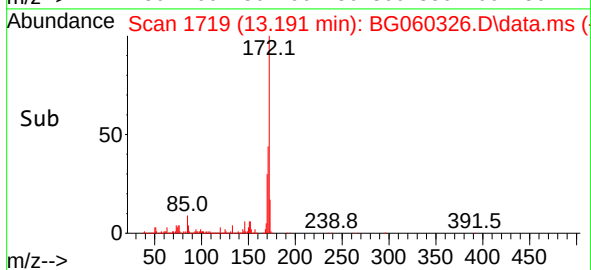
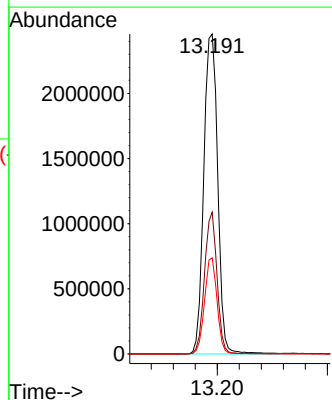
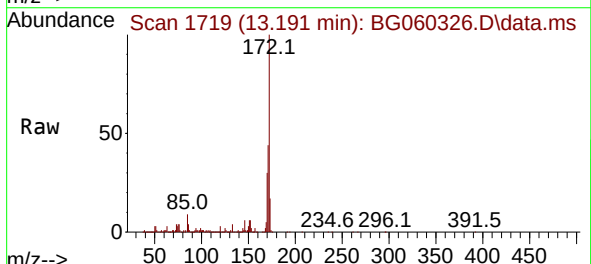
Instrument :
BNA_G
ClientSampleId :
WC-1

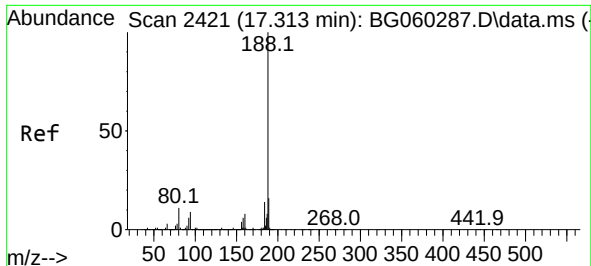
Tgt Ion:330 Resp: 1305084
Ion Ratio Lower Upper
330 100
332 97.8 76.7 115.1
141 23.7 18.6 28.0



#45
2-Fluorobiphenyl
Concen: 84.408 ng
RT: 13.191 min Scan# 1719
Delta R.T. 0.003 min
Lab File: BG060326.D
Acq: 12 Jan 2024 21:53

Tgt Ion:172 Resp: 4317242
Ion Ratio Lower Upper
172 100
171 44.3 34.6 51.8
170 30.1 24.4 36.6

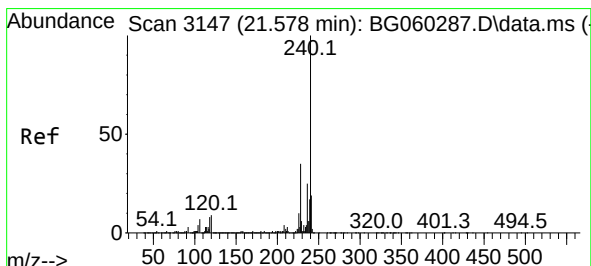
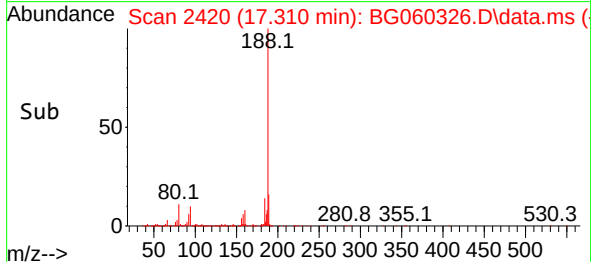
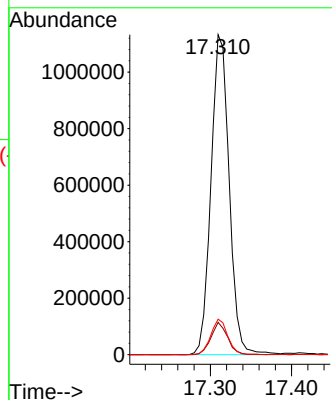
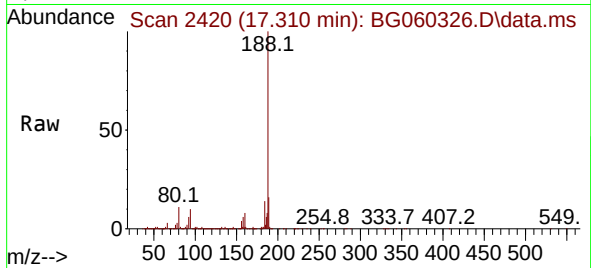




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.310 min Scan# 24
Delta R.T. -0.003 min
Lab File: BG060326.D
Acq: 12 Jan 2024 21:53

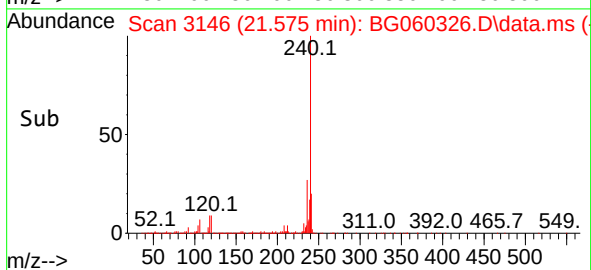
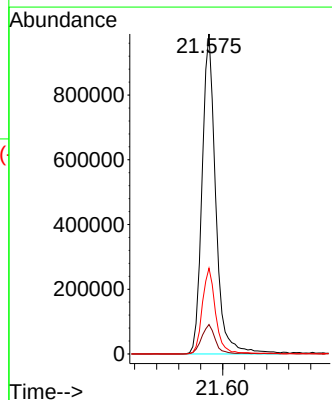
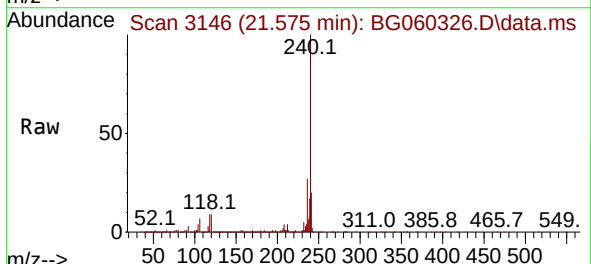
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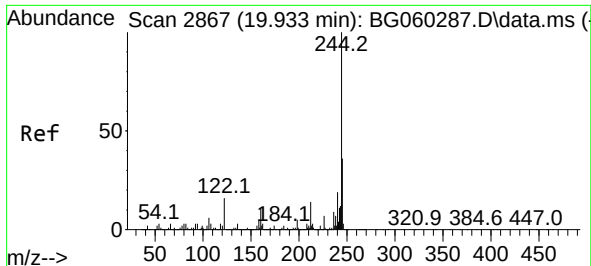
Tgt Ion:188 Resp: 1758882
Ion Ratio Lower Upper
188 100
94 10.1 7.1 10.7
80 11.1 8.5 12.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.575 min Scan# 3146
Delta R.T. -0.003 min
Lab File: BG060326.D
Acq: 12 Jan 2024 21:53

Tgt Ion:240 Resp: 1707748
Ion Ratio Lower Upper
240 100
120 9.2 7.3 10.9
236 26.8 20.3 30.5

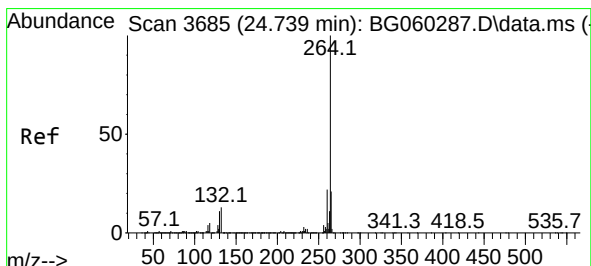
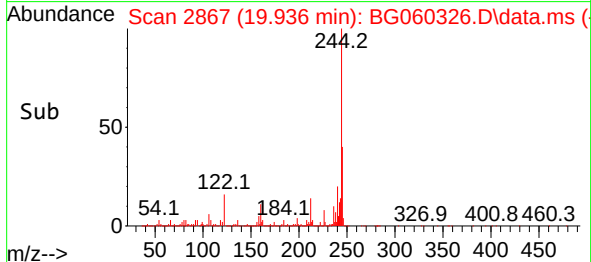
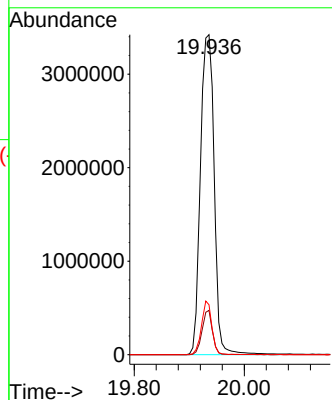
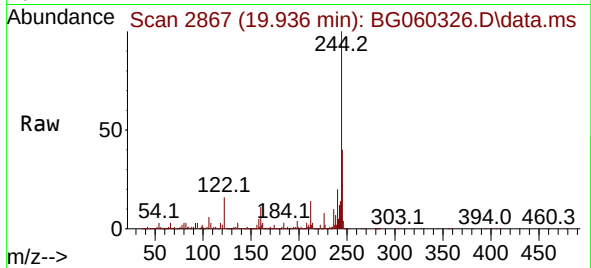




#79
 Terphenyl-d14
 Concen: 89.368 ng
 RT: 19.936 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BG060326.D
 Acq: 12 Jan 2024 21:53

Instrument :
 BNA_G
 ClientSampleId :
 WC-1

Tgt Ion:244 Resp: 5936356
 Ion Ratio Lower Upper
 244 100
 212 13.9 10.9 16.3
 122 15.6 12.6 18.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.736 min Scan# 3684
 Delta R.T. -0.003 min
 Lab File: BG060326.D
 Acq: 12 Jan 2024 21:53

Tgt Ion:264 Resp: 1809588
 Ion Ratio Lower Upper
 264 100
 260 22.1 17.8 26.6
 265 20.5 16.8 25.2

