

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011624\
 Data File : BG060334.D
 Acq On : 16 Jan 2024 13:31
 Operator : MA/JU
 Sample : PB158460BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB158460BL

Quant Time: Jan 16 14:12:35 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	266637	20.000	ng	0.00
21) Naphthalene-d8	10.733	136	1095450	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	841320	20.000	ng	0.00
64) Phenanthrene-d10	17.313	188	2298918	20.000	ng	0.00
76) Chrysene-d12	21.579	240	2357791	20.000	ng	0.00
86) Perylene-d12	24.740	264	2604645	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.503	112	2365912	145.944	ng	0.00
7) Phenol-d6	7.096	99	3330412	138.740	ng	0.00
23) Nitrobenzene-d5	9.093	82	2030943	87.545	ng	0.00
42) 2,4,6-Tribromophenol	16.056	330	1664931	134.505	ng	0.00
45) 2-Fluorobiphenyl	13.188	172	4927376	81.427	ng	0.00
79) Terphenyl-d14	19.934	244	6945726	69.324	ng	0.00

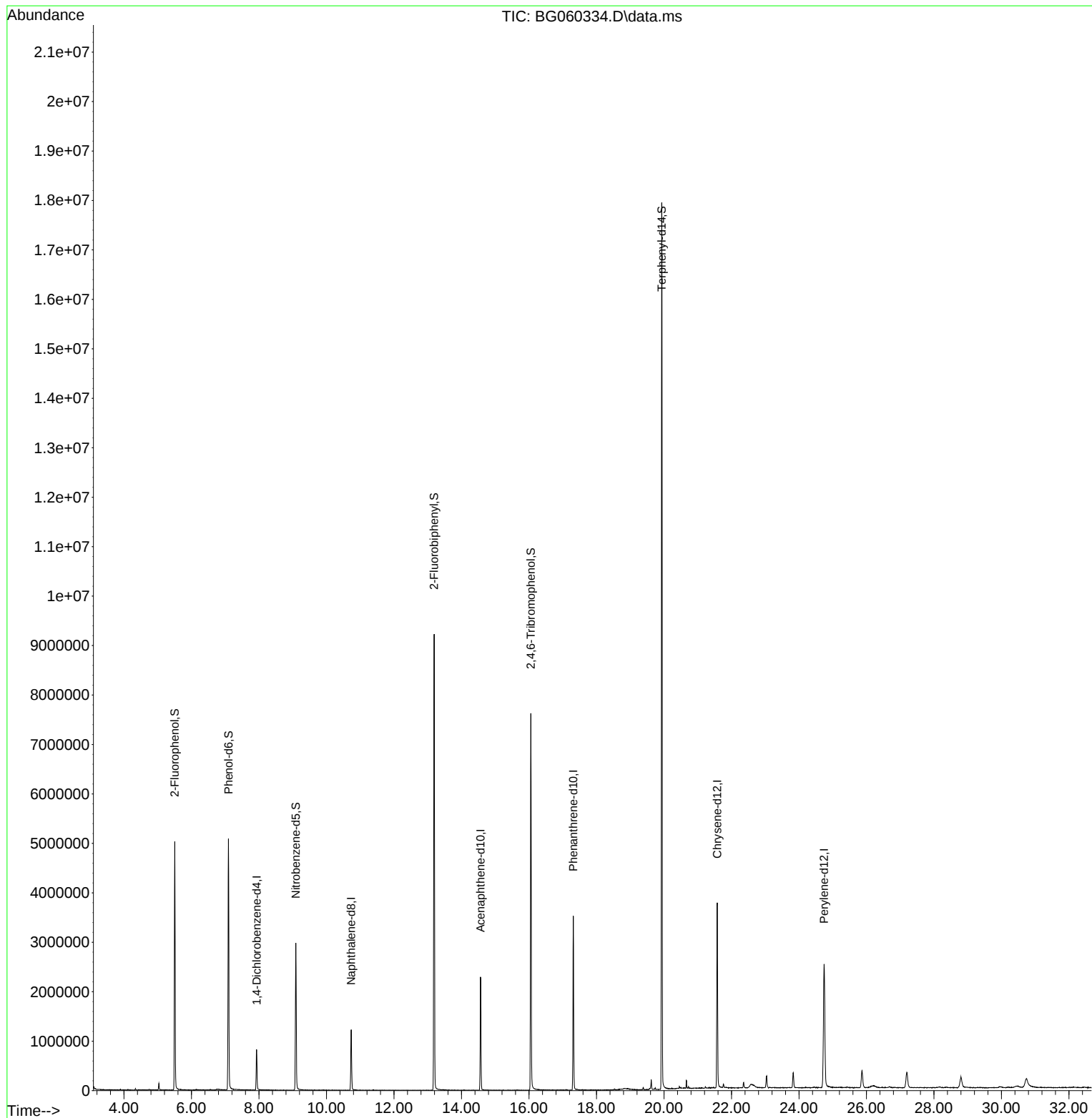
Target Compounds	Qvalue

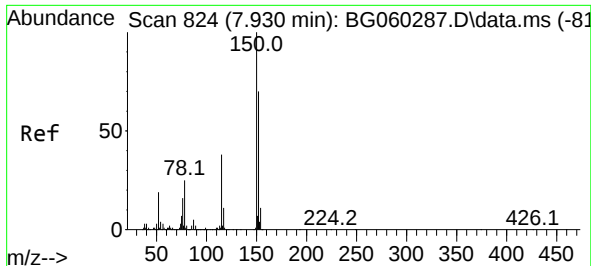
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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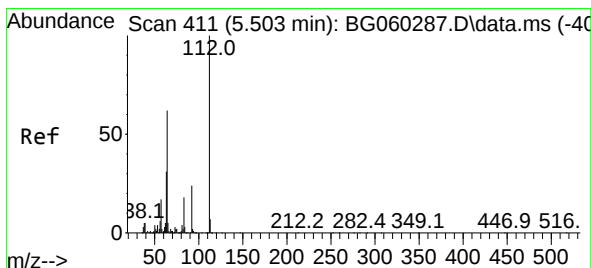
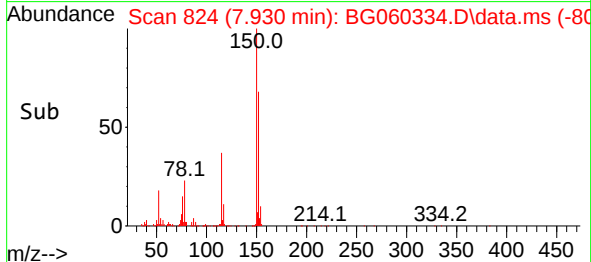
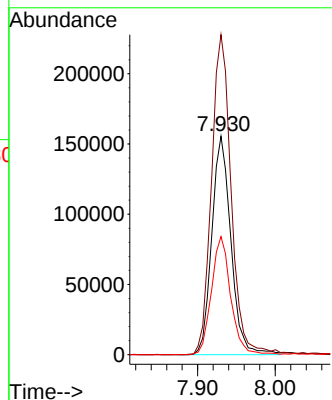
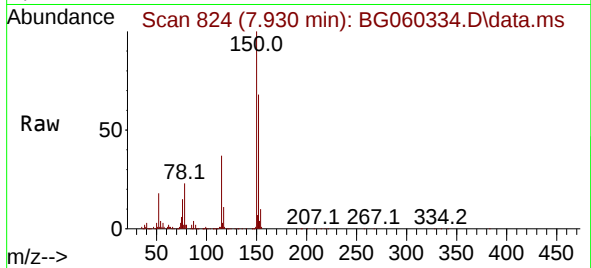




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.930 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG060334.D
Acq: 16 Jan 2024 13:31

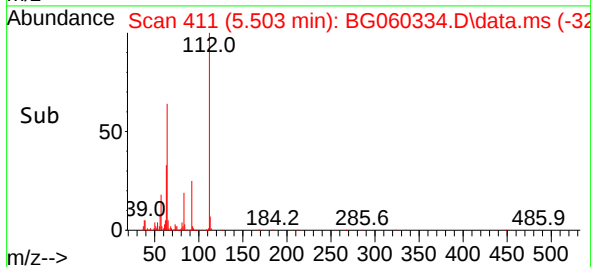
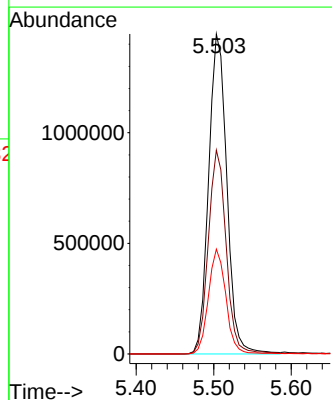
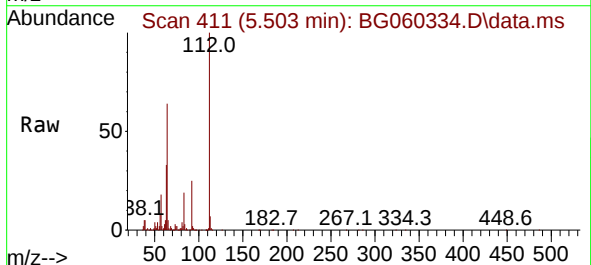
Instrument :
BNA_G
ClientSampleId :
PB158460BL

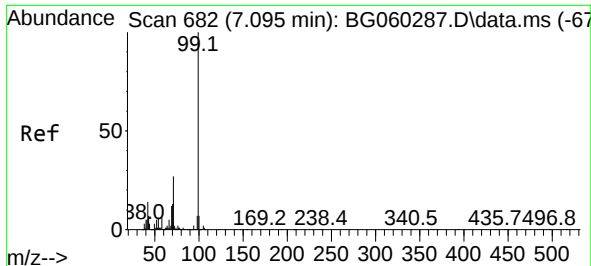
Tgt Ion:152 Resp: 266637
Ion Ratio Lower Upper
152 100
150 146.6 114.5 171.7
115 54.1 43.0 64.6



#5
2-Fluorophenol
Concen: 145.944 ng
RT: 5.503 min Scan# 411
Delta R.T. 0.000 min
Lab File: BG060334.D
Acq: 16 Jan 2024 13:31

Tgt Ion:112 Resp: 2365912
Ion Ratio Lower Upper
112 100
64 63.7 49.8 74.6
63 32.7 24.4 36.6



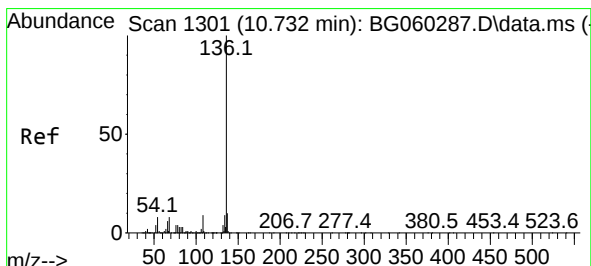
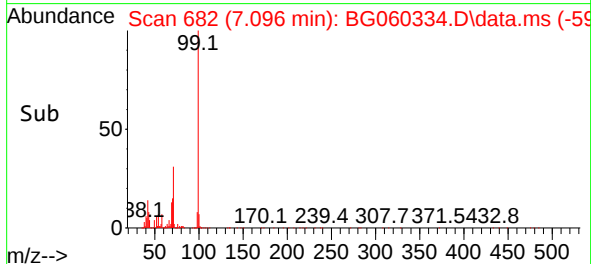
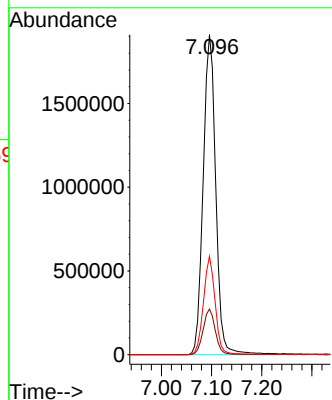
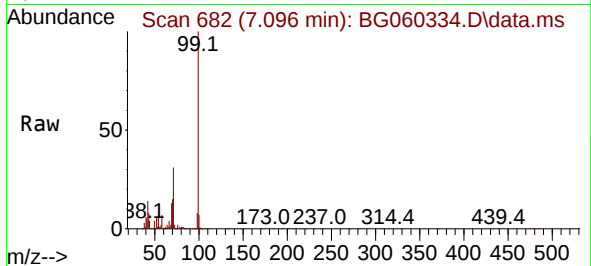


#7
Phenol-d6
Concen: 138.740 ng
RT: 7.096 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG060334.D
Acq: 16 Jan 2024 13:31

Instrument :
BNA_G
ClientSampleId :
PB158460BL

Tgt Ion: 99 Resp: 3330412

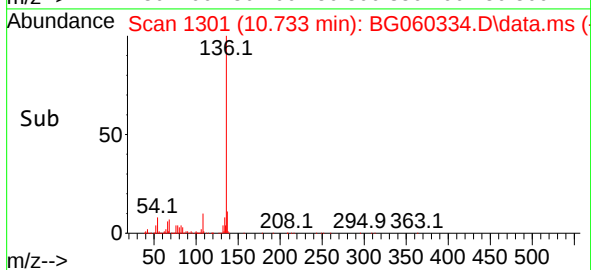
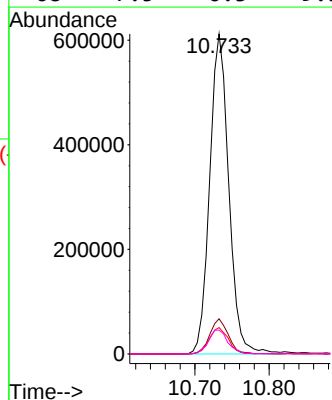
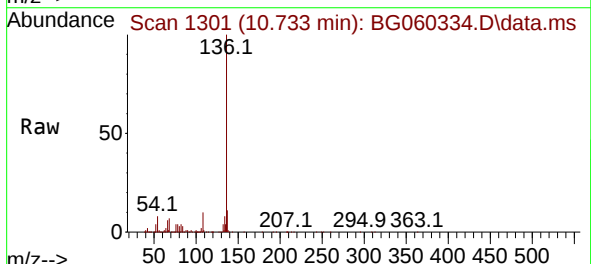
Ion	Ratio	Lower	Upper
99	100		
42	14.2	10.9	16.3
71	30.8	21.5	32.3

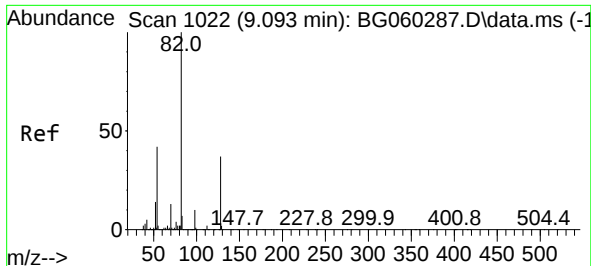


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.733 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BG060334.D
Acq: 16 Jan 2024 13:31

Tgt Ion:136 Resp: 1095450

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.2	12.4
54	8.2	6.2	9.2
68	7.5	6.3	9.5

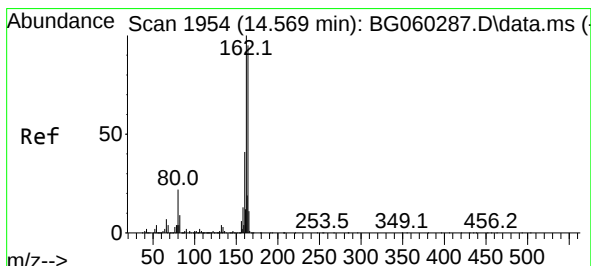
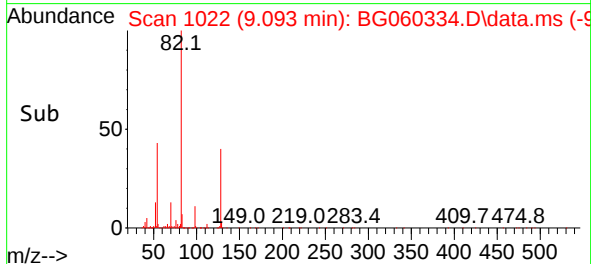
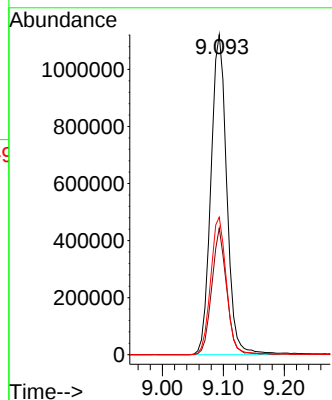
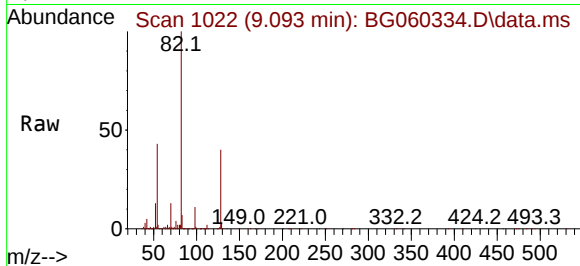




#23
Nitrobenzene-d5
Concen: 87.545 ng
RT: 9.093 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BG060334.D
Acq: 16 Jan 2024 13:31

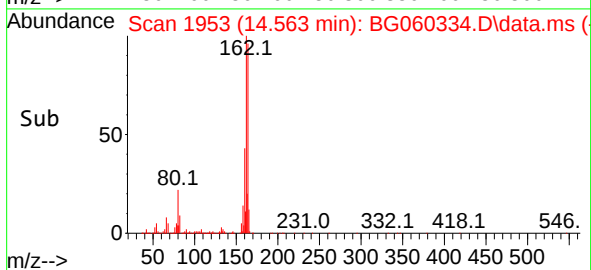
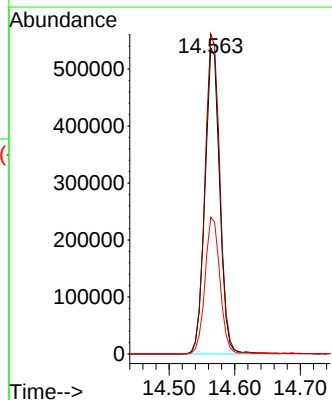
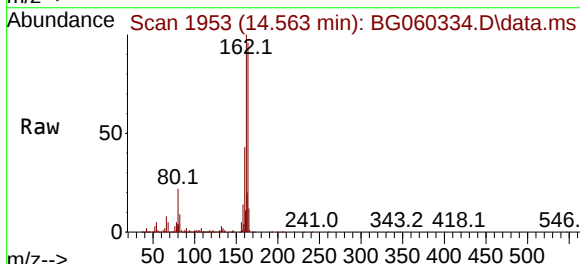
Instrument :
BNA_G
ClientSampleId :
PB158460BL

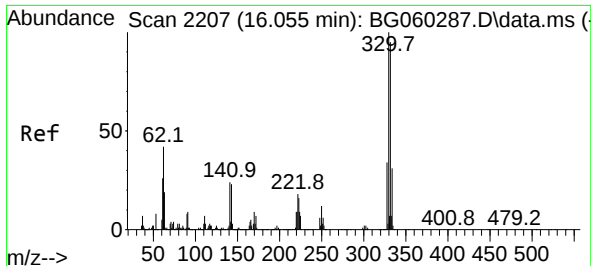
Tgt Ion: 82 Resp: 2030943
Ion Ratio Lower Upper
82 100
128 39.6 29.6 44.4
54 43.0 33.6 50.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.563 min Scan# 1953
Delta R.T. -0.005 min
Lab File: BG060334.D
Acq: 16 Jan 2024 13:31

Tgt Ion:164 Resp: 841320
Ion Ratio Lower Upper
164 100
162 104.6 84.4 126.6
160 44.7 34.6 52.0

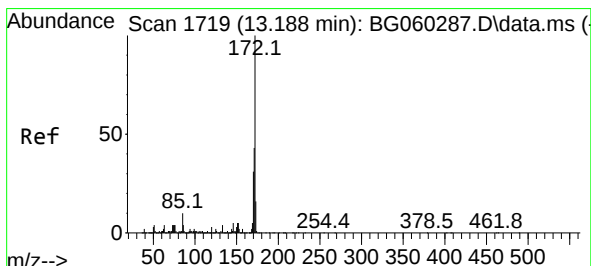
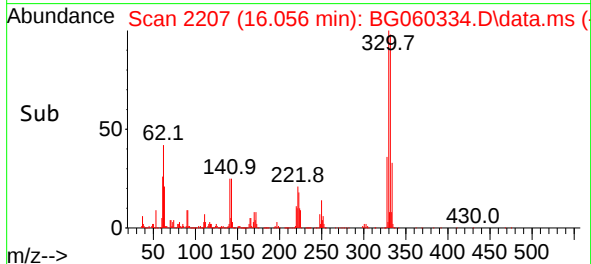
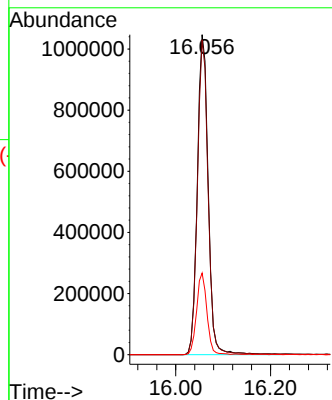
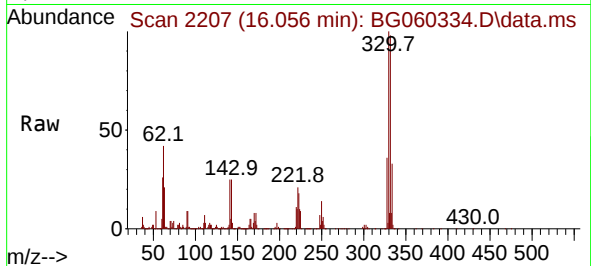




#42
2,4,6-Tribromophenol
Concen: 134.505 ng
RT: 16.056 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG060334.D
Acq: 16 Jan 2024 13:31

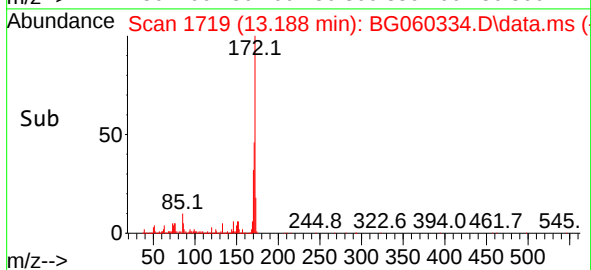
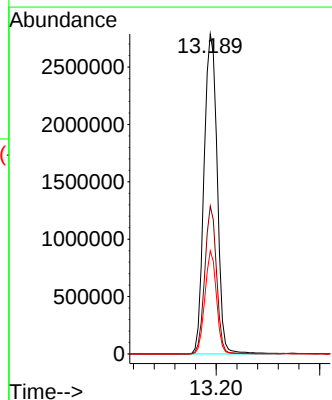
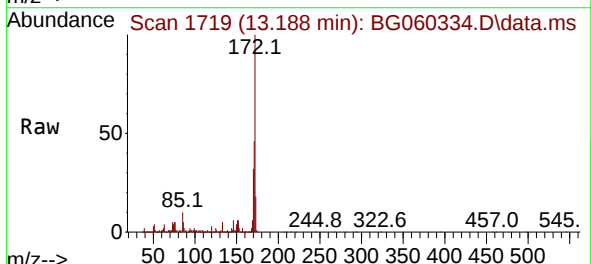
Instrument :
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ClientSampleId :
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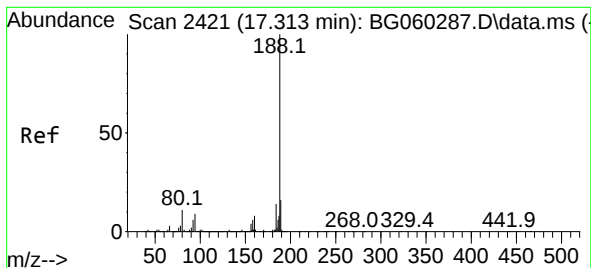
Tgt Ion:330 Resp: 1664931
Ion Ratio Lower Upper
330 100
332 96.5 76.7 115.1
141 24.2 18.6 28.0



#45
2-Fluorobiphenyl
Concen: 81.427 ng
RT: 13.188 min Scan# 1719
Delta R.T. 0.000 min
Lab File: BG060334.D
Acq: 16 Jan 2024 13:31

Tgt Ion:172 Resp: 4927376
Ion Ratio Lower Upper
172 100
171 46.2 34.6 51.8
170 32.2 24.4 36.6

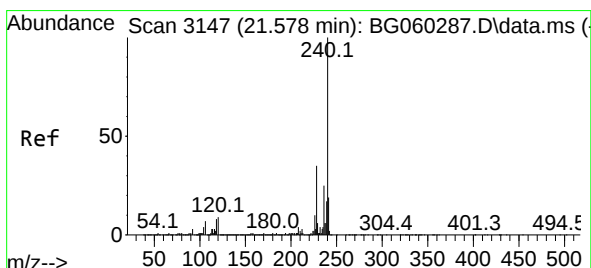
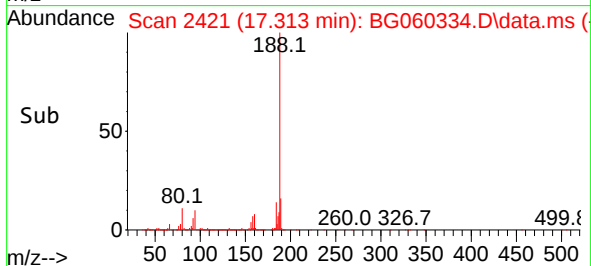
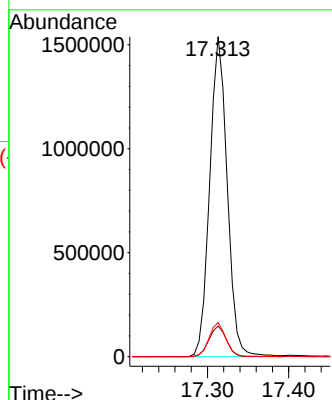
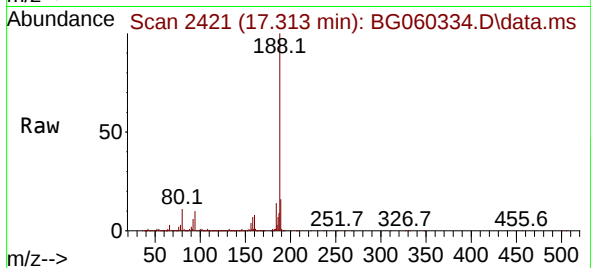




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.313 min Scan# 2421
Delta R.T. 0.000 min
Lab File: BG060334.D
Acq: 16 Jan 2024 13:31

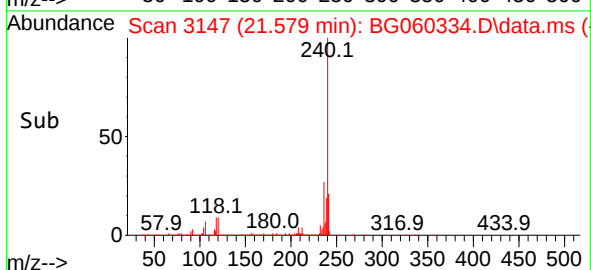
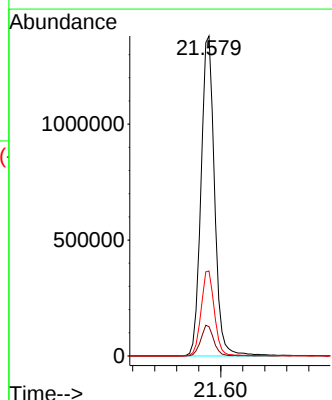
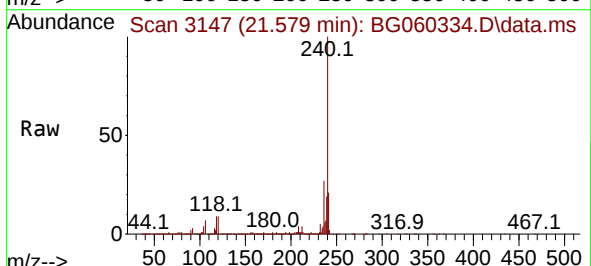
Instrument :
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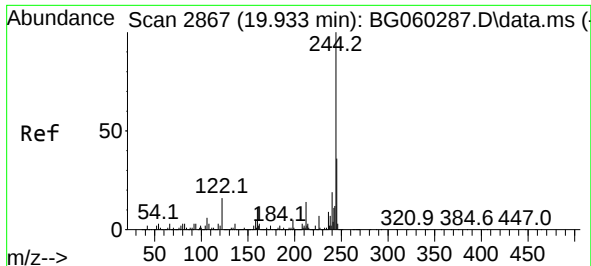
Tgt Ion:188 Resp: 2298918
Ion Ratio Lower Upper
188 100
94 9.6 7.1 10.7
80 10.6 8.5 12.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.579 min Scan# 3147
Delta R.T. 0.000 min
Lab File: BG060334.D
Acq: 16 Jan 2024 13:31

Tgt Ion:240 Resp: 2357791
Ion Ratio Lower Upper
240 100
120 9.2 7.3 10.9
236 26.5 20.3 30.5

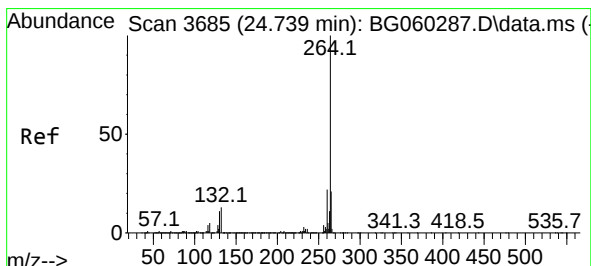
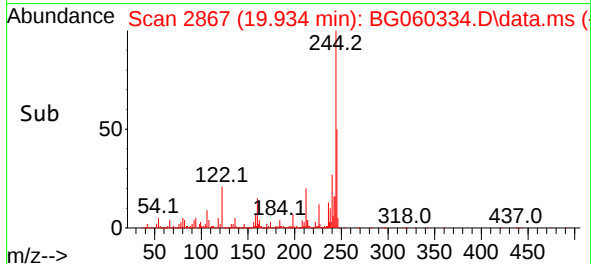
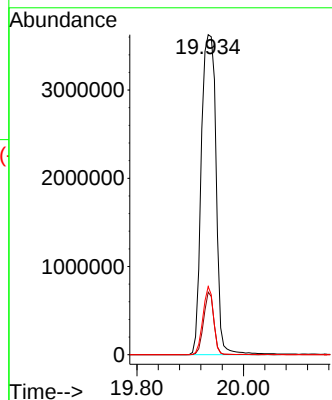
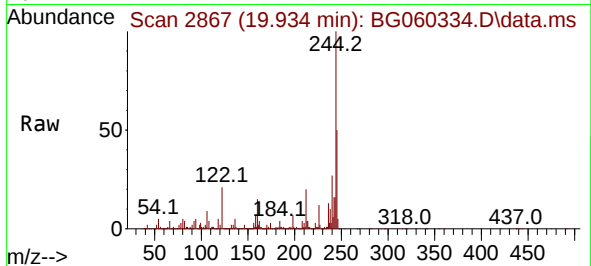




#79
 Terphenyl-d14
 Concen: 69.324 ng
 RT: 19.934 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG060334.D
 Acq: 16 Jan 2024 13:31

Instrument :
 BNA_G
 ClientSampleId :
 PB158460BL

Tgt Ion:244 Resp: 6945726
 Ion Ratio Lower Upper
 244 100
 212 19.6 10.9 16.3#
 122 21.3 12.6 18.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.740 min Scan# 3685
 Delta R.T. 0.000 min
 Lab File: BG060334.D
 Acq: 16 Jan 2024 13:31

Tgt Ion:264 Resp: 2604645
 Ion Ratio Lower Upper
 264 100
 260 23.6 17.8 26.6
 265 21.6 16.8 25.2

