

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040124\
 Data File : BG060719.D
 Acq On : 1 Apr 2024 17:31
 Operator : MA/JU
 Sample : P1894-04DL 2X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RB40858RTDL

Quant Time: Apr 01 18:17:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 30 03:12:26 2024
 Response via : Initial Calibration

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

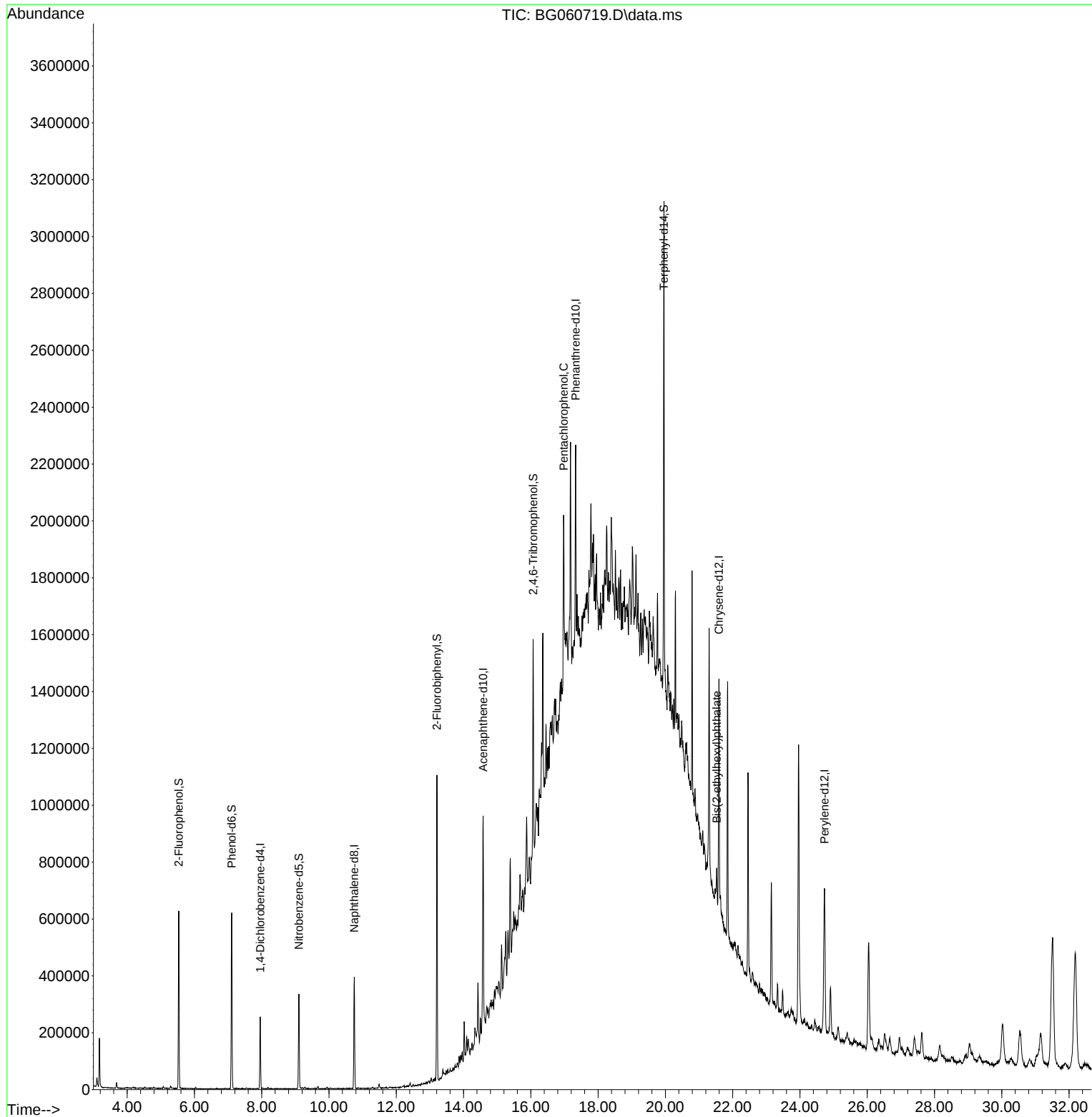
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.955	152	65999	20.000	ng	0.00
21) Naphthalene-d8	10.752	136	314706	20.000	ng	0.00
39) Acenaphthene-d10	14.583	164	235613	20.000	ng	0.00
64) Phenanthrene-d10	17.333	188	492142	20.000	ng	# 0.00
76) Chrysene-d12	21.592	240	458733	20.000	ng	#-0.01
86) Perylene-d12	24.730	264	542151	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.535	112	249443	62.962	ng	0.00
7) Phenol-d6	7.109	99	319839	54.387	ng	0.00
23) Nitrobenzene-d5	9.107	82	173586	31.474	ng	0.00
42) 2,4,6-Tribromophenol	16.069	330	140588	52.564	ng	0.00
45) 2-Fluorobiphenyl	13.208	172	538766	33.560	ng	-0.01
79) Terphenyl-d14	19.959	244	855014	32.819	ng	0.00
Target Compounds						
70) Pentachlorophenol	16.974	266	112034	30.453	ng	99
84) Bis(2-ethylhexyl)phtha...	21.528	149	48918	2.622	ng	# 95

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

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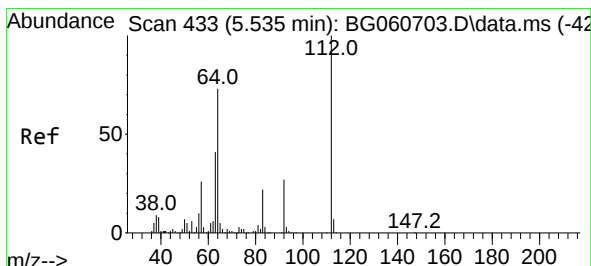
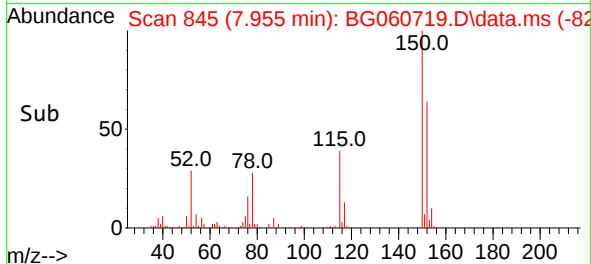
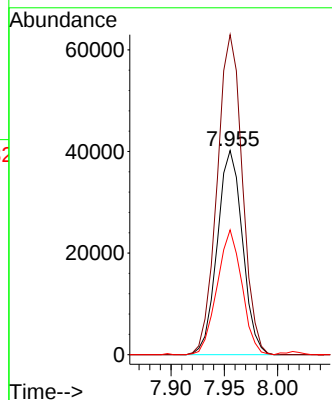
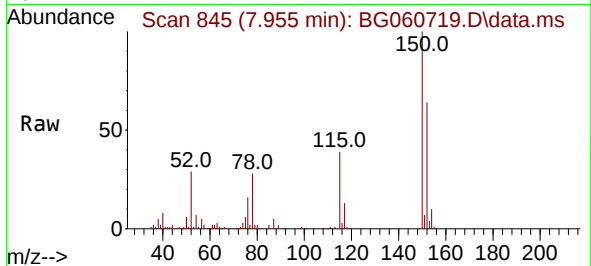




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.955 min Scan# 846
Delta R.T. -0.006 min
Lab File: BG060719.D
Acq: 1 Apr 2024 17:31

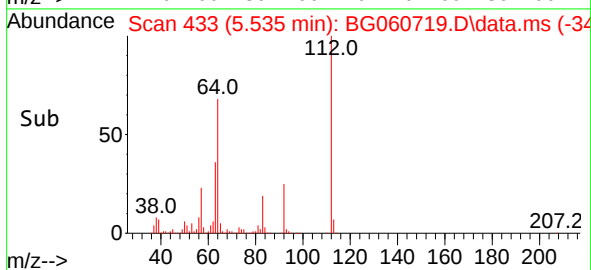
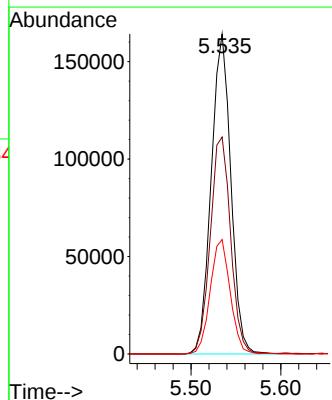
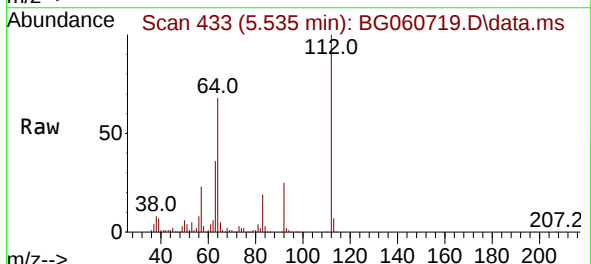
Instrument :
BNA_G
ClientSampleId :
RB40858RTDL

Tgt Ion:152 Resp: 65999
Ion Ratio Lower Upper
152 100
150 156.7 130.2 195.4
115 61.1 51.6 77.4



#5
2-Fluorophenol
Concen: 62.962 ng
RT: 5.535 min Scan# 433
Delta R.T. -0.000 min
Lab File: BG060719.D
Acq: 1 Apr 2024 17:31

Tgt Ion:112 Resp: 249443
Ion Ratio Lower Upper
112 100
64 67.8 58.4 87.6
63 35.7 32.7 49.1

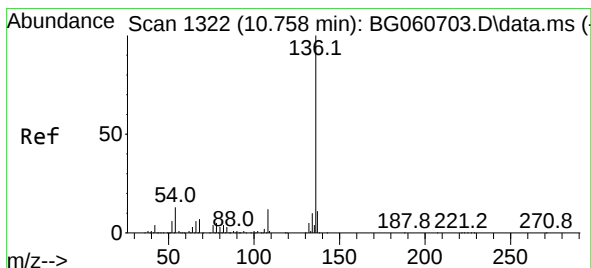
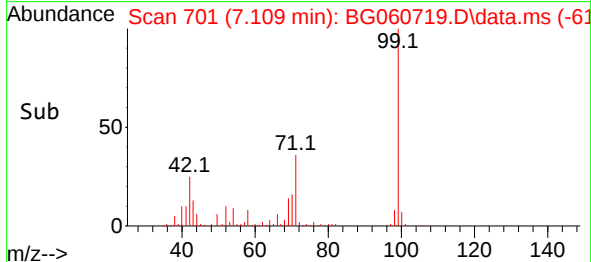
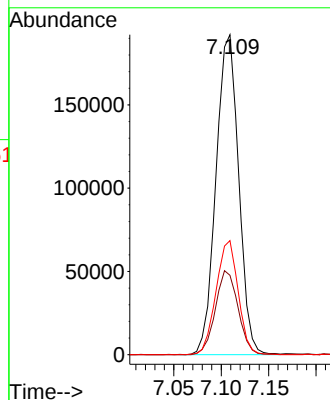
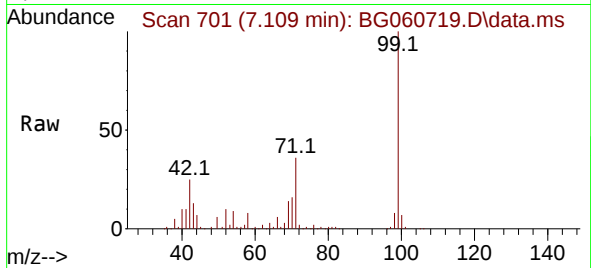




#7
Phenol-d6
Concen: 54.387 ng
RT: 7.109 min Scan# 702
Delta R.T. -0.006 min
Lab File: BG060719.D
Acq: 1 Apr 2024 17:31

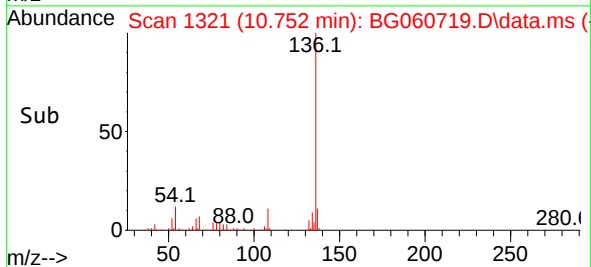
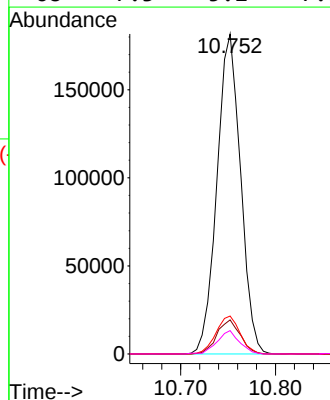
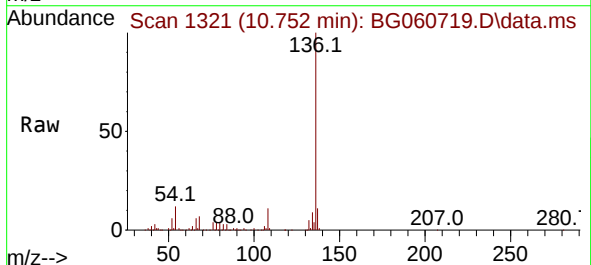
Instrument :
BNA_G
ClientSampleId :
RB40858RTDL

Tgt Ion: 99 Resp: 319839
Ion Ratio Lower Upper
99 100
42 24.8 19.4 29.2
71 35.6 28.2 42.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.752 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BG060719.D
Acq: 1 Apr 2024 17:31

Tgt Ion: 136 Resp: 314706
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 11.9 10.2 15.2
68 7.3 5.2 7.8

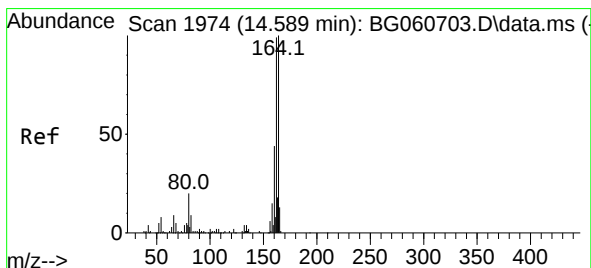
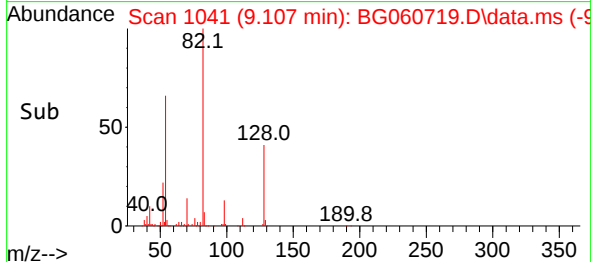
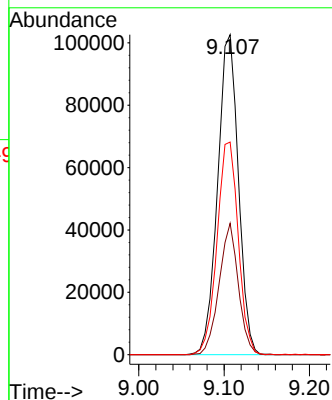
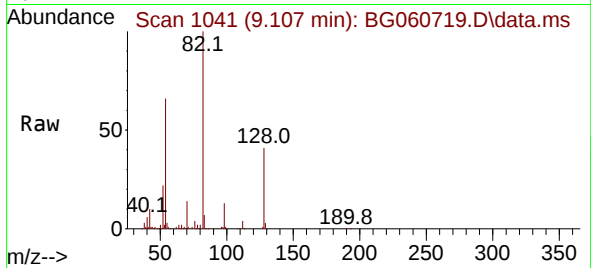




#23
Nitrobenzene-d5
Concen: 31.474 ng
RT: 9.107 min Scan# 1041
Delta R.T. -0.006 min
Lab File: BG060719.D
Acq: 1 Apr 2024 17:31

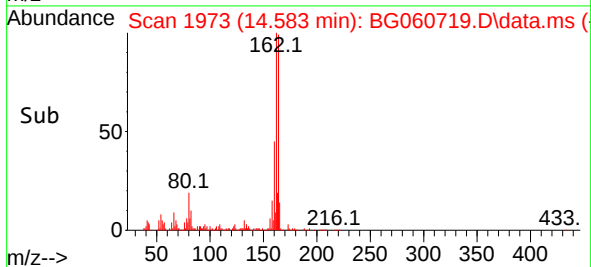
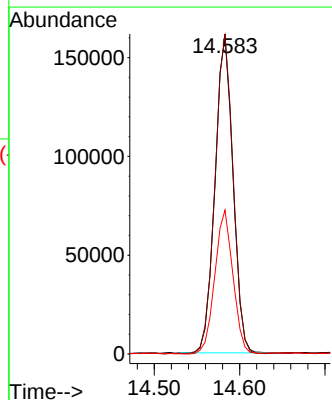
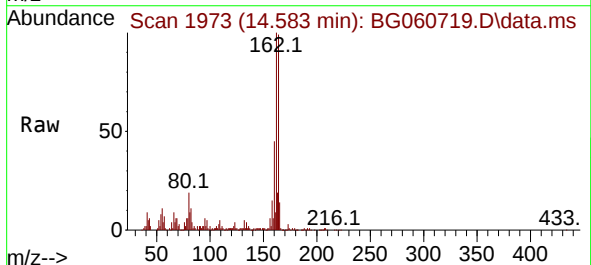
Instrument :
BNA_G
ClientSampleId :
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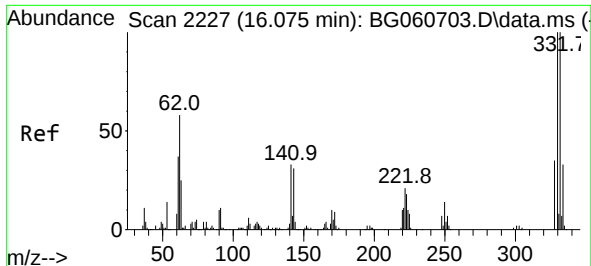
Tgt Ion: 82 Resp: 173586
Ion Ratio Lower Upper
82 100
128 41.1 31.2 46.8
54 66.5 53.2 79.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.583 min Scan# 1973
Delta R.T. -0.006 min
Lab File: BG060719.D
Acq: 1 Apr 2024 17:31

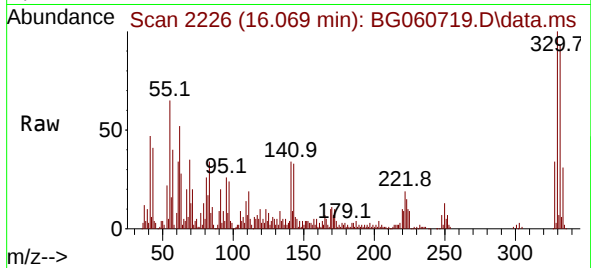
Tgt Ion:164 Resp: 235613
Ion Ratio Lower Upper
164 100
162 100.8 79.5 119.3
160 45.3 35.4 53.0



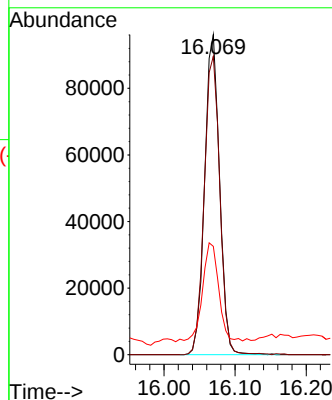
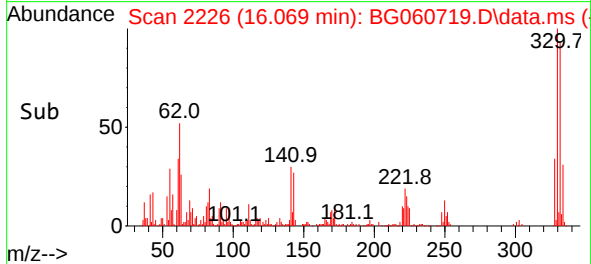


#42
2,4,6-Tribromophenol
Concen: 52.564 ng
RT: 16.069 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG060719.D
Acq: 1 Apr 2024 17:31

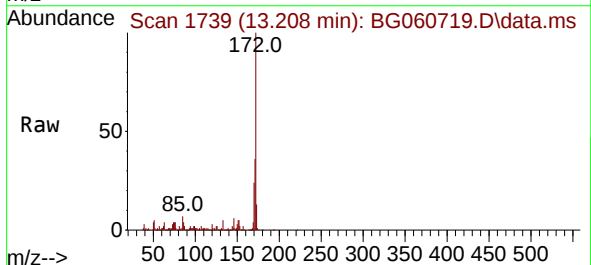
Instrument :
BNA_G
ClientSampleId :
RB40858RTDL



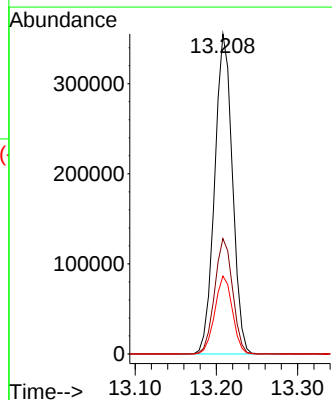
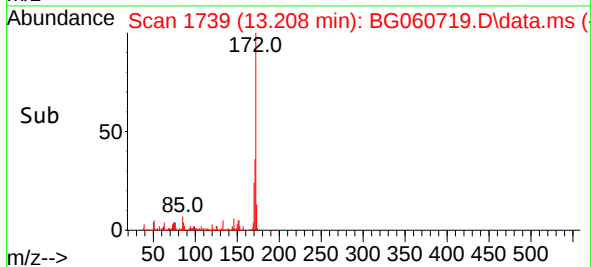
Tgt Ion:330 Resp: 140588
Ion Ratio Lower Upper
330 100
332 97.4 78.2 117.4
141 33.9 27.0 40.6

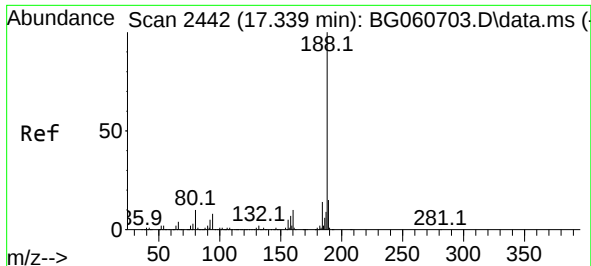


#45
2-Fluorobiphenyl
Concen: 33.560 ng
RT: 13.208 min Scan# 1739
Delta R.T. -0.012 min
Lab File: BG060719.D
Acq: 1 Apr 2024 17:31



Tgt Ion:172 Resp: 538766
Ion Ratio Lower Upper
172 100
171 36.1 28.7 43.1
170 24.3 19.4 29.0

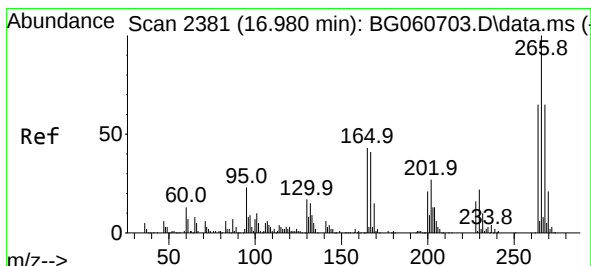
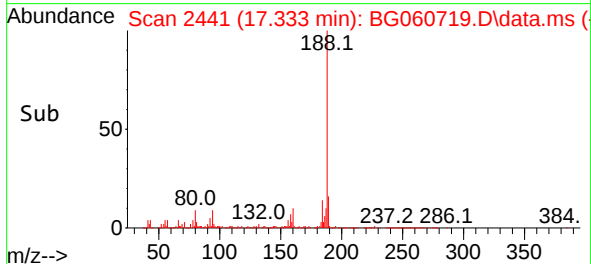
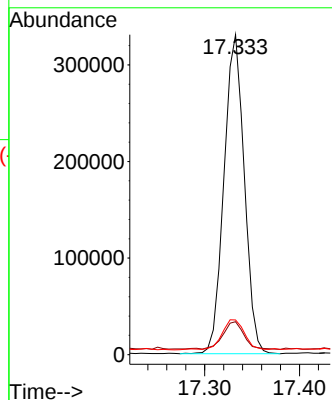
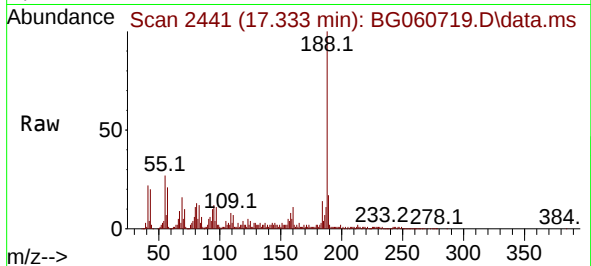




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.333 min Scan# 2442
Delta R.T. -0.006 min
Lab File: BG060719.D
Acq: 1 Apr 2024 17:31

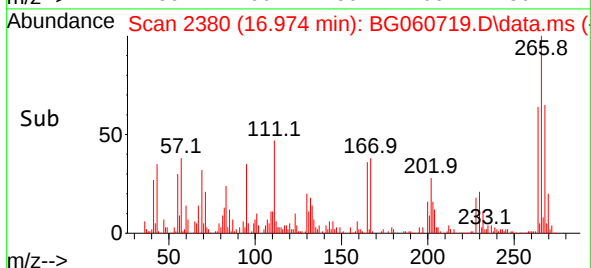
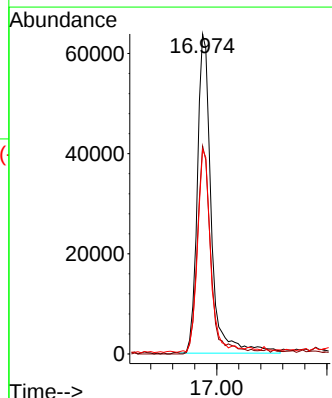
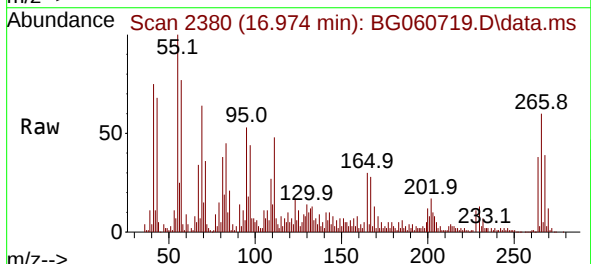
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ClientSampleId :
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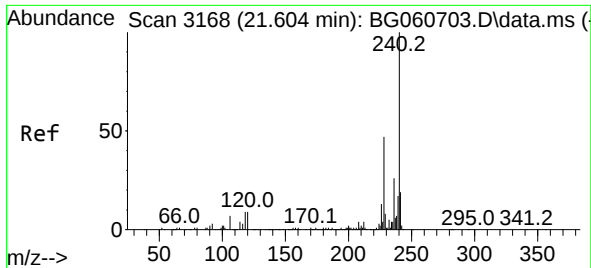
Tgt Ion:188 Resp: 492142
Ion Ratio Lower Upper
188 100
94 10.3 6.6 9.8#
80 10.8 7.6 11.4



#70
Pentachlorophenol
Concen: 30.453 ng
RT: 16.974 min Scan# 2380
Delta R.T. -0.006 min
Lab File: BG060719.D
Acq: 1 Apr 2024 17:31

Tgt Ion:266 Resp: 112034
Ion Ratio Lower Upper
266 100
268 65.0 52.2 78.4
264 63.9 51.8 77.6

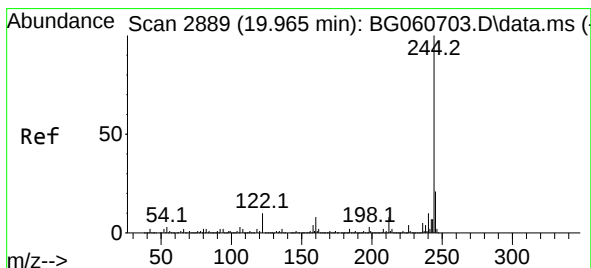
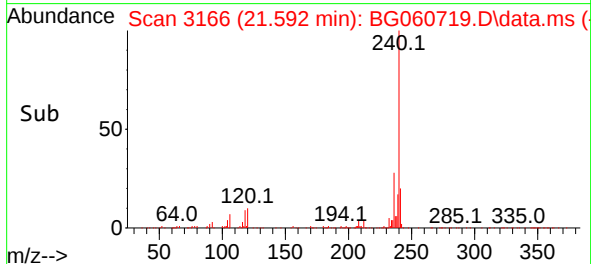
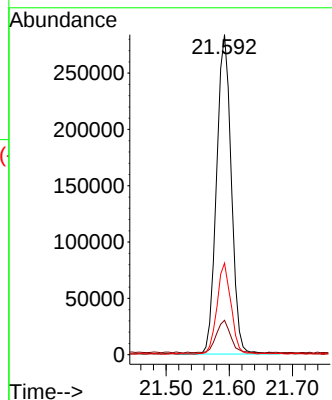
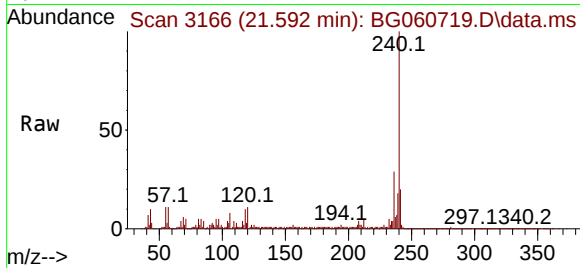




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.592 min Scan# 3166
Delta R.T. -0.012 min
Lab File: BG060719.D
Acq: 1 Apr 2024 17:31

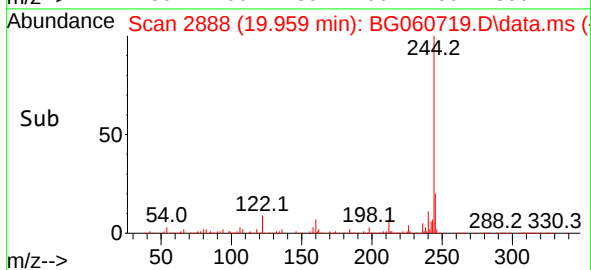
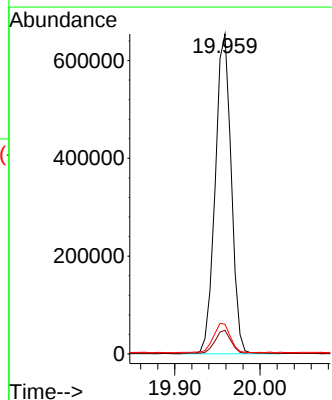
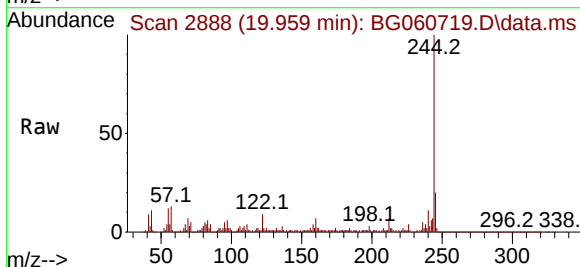
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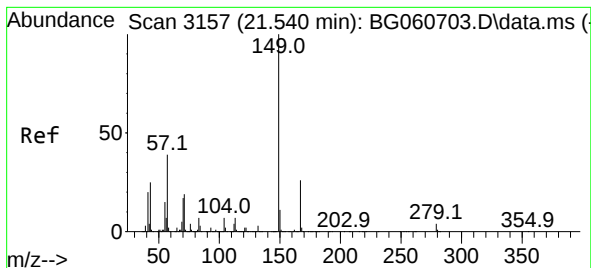
Tgt Ion:240 Resp: 458733
Ion Ratio Lower Upper
240 100
120 10.8 7.1 10.7#
236 28.6 20.7 31.1



#79
Terphenyl-d14
Concen: 32.819 ng
RT: 19.959 min Scan# 2888
Delta R.T. -0.006 min
Lab File: BG060719.D
Acq: 1 Apr 2024 17:31

Tgt Ion:244 Resp: 855014
Ion Ratio Lower Upper
244 100
212 7.4 6.2 9.2
122 9.3 7.8 11.8

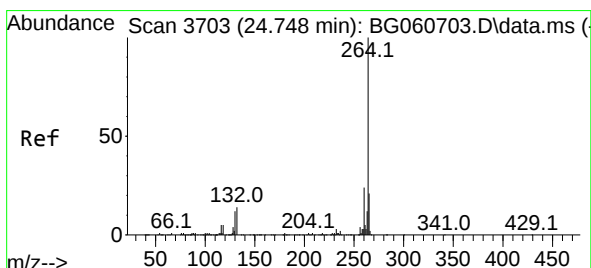
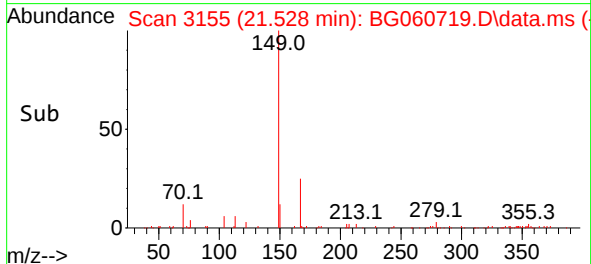
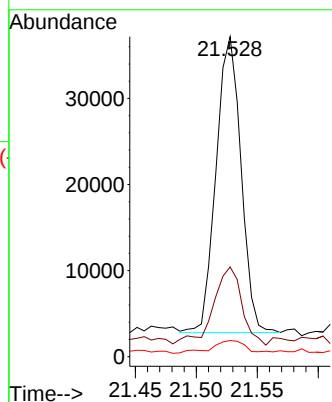
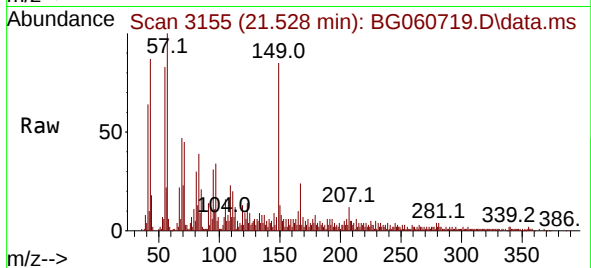




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.622 ng
 RT: 21.528 min Scan# 3155
 Delta R.T. -0.012 min
 Lab File: BG060719.D
 Acq: 1 Apr 2024 17:31

Instrument :
 BNA_G
 ClientSampleId :
 RB40858RTDL

Tgt Ion:149 Resp: 48918
 Ion Ratio Lower Upper
 149 100
 167 28.1 20.6 30.8
 279 5.1 3.0 4.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.730 min Scan# 3700
 Delta R.T. -0.018 min
 Lab File: BG060719.D
 Acq: 1 Apr 2024 17:31

Tgt Ion:264 Resp: 542151
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.5 29.3
 265 21.1 16.9 25.3

