

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112723\
 Data File : BG059899.D
 Acq On : 27 Nov 2023 12:51
 Operator : MA/JU
 Sample : 05425-05
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EB20231114

Quant Time: Nov 27 13:38:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 27 13:17:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.305	152	26626	20.000	ng	0.00
21) Naphthalene-d8	11.154	136	103629	20.000	ng	# 0.00
39) Acenaphthene-d10	14.938	164	73699	20.000	ng	0.00
64) Phenanthrene-d10	17.694	188	171859	20.000	ng	# 0.00
76) Chrysene-d12	22.006	240	148766	20.000	ng	#-0.01
86) Perylene-d12	25.573	264	166499	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.802	112	164341	103.887	ng	0.00
7) Phenol-d6	7.429	99	93381	39.834	ng	0.00
23) Nitrobenzene-d5	9.509	82	257855	95.031	ng	0.00
42) 2,4,6-Tribromophenol	16.430	330	139108	166.356	ng	0.00
45) 2-Fluorobiphenyl	13.563	172	505480	92.321	ng	0.00
79) Terphenyl-d14	20.267	244	990642	98.304	ng	0.00

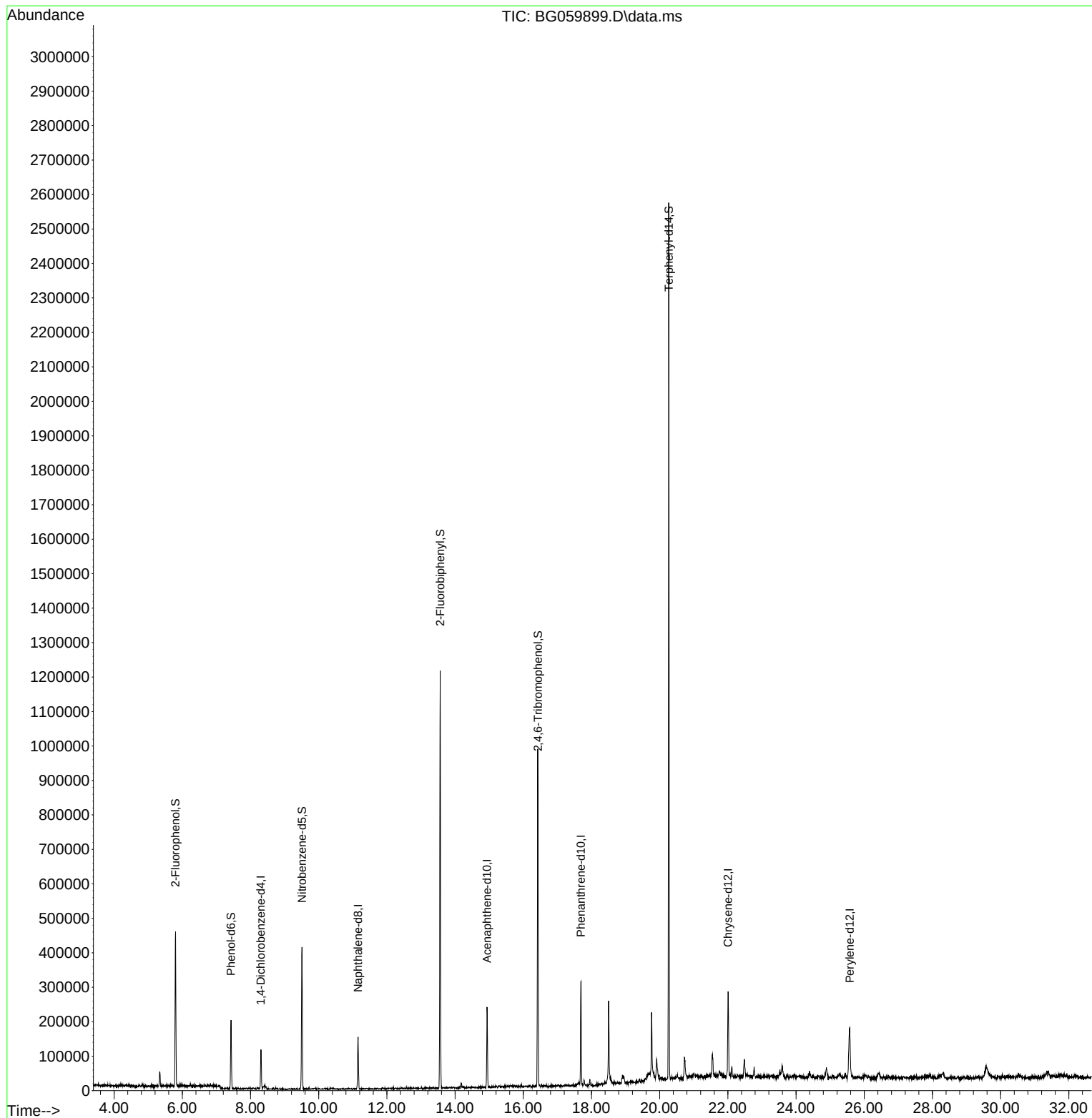
Target Compounds	Qvalue

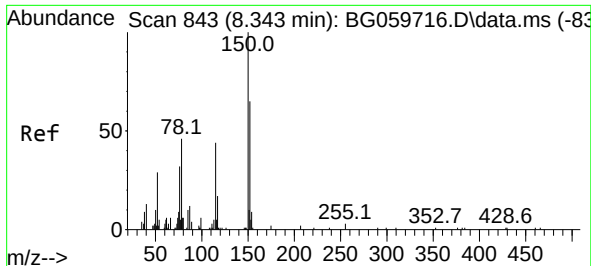
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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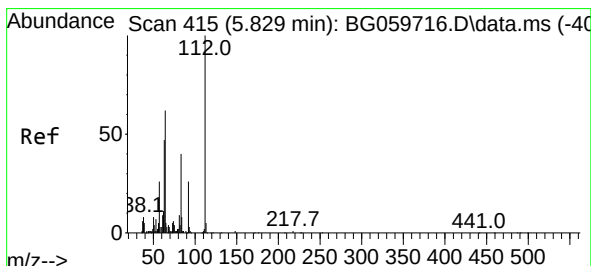
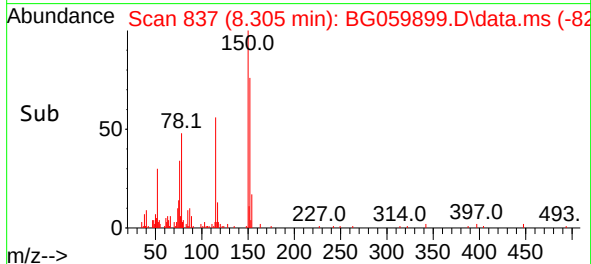
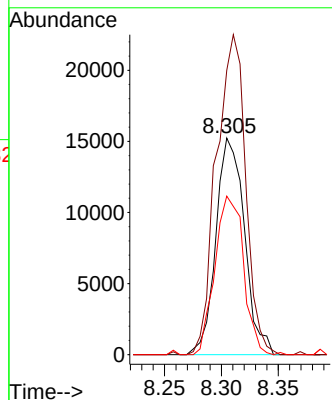
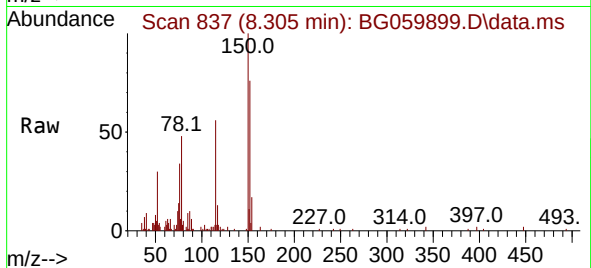




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.305 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BG059899.D
 Acq: 27 Nov 2023 12:51

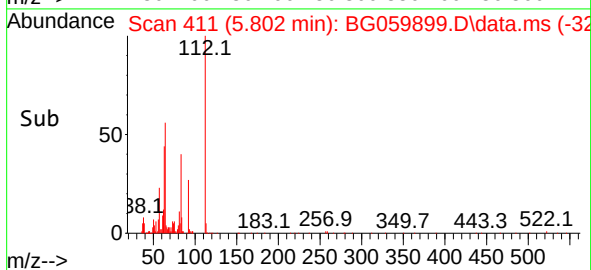
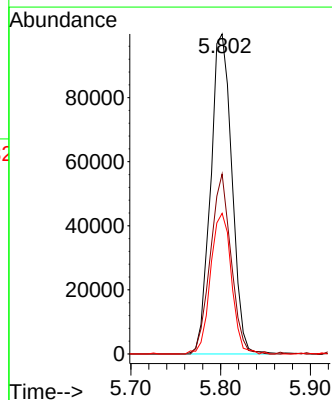
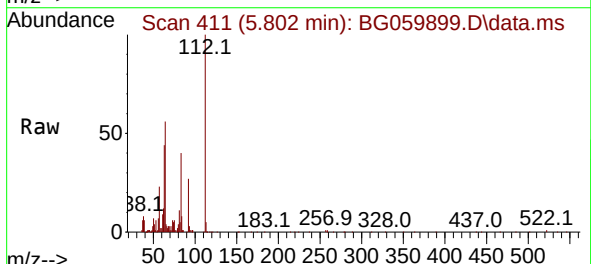
Instrument :
 BNA_G
 ClientSampleId :
 EB20231114

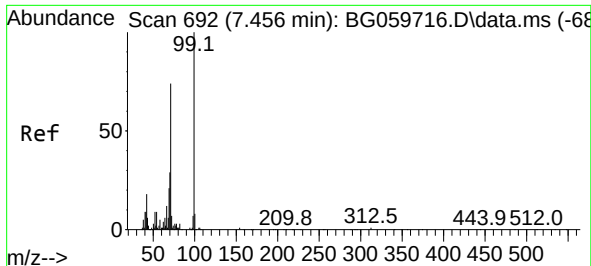
Tgt Ion:152 Resp: 26626
 Ion Ratio Lower Upper
 152 100
 150 131.2 122.2 183.4
 115 73.2 54.2 81.4



#5
 2-Fluorophenol
 Concen: 103.887 ng
 RT: 5.802 min Scan# 411
 Delta R.T. 0.005 min
 Lab File: BG059899.D
 Acq: 27 Nov 2023 12:51

Tgt Ion:112 Resp: 164341
 Ion Ratio Lower Upper
 112 100
 64 56.3 49.5 74.3
 63 43.9 37.4 56.2

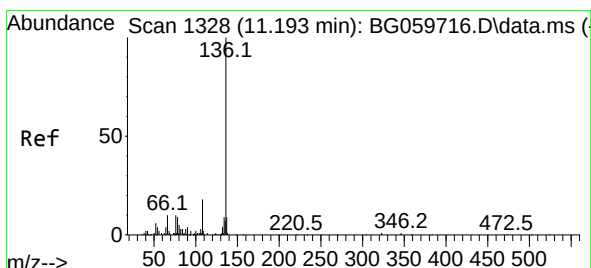
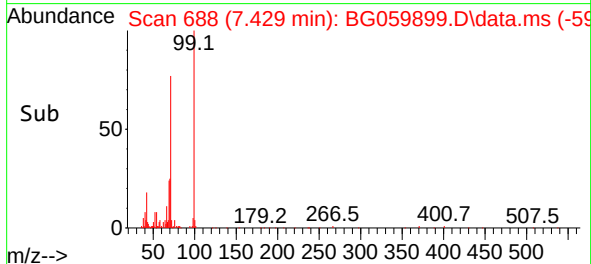
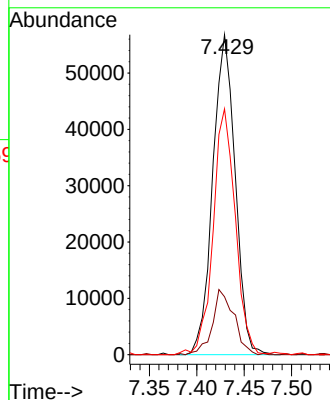
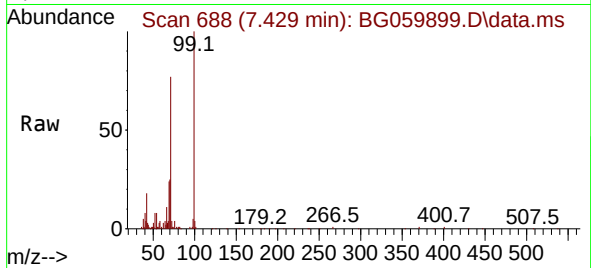




#7
Phenol-d6
Concen: 39.834 ng
RT: 7.429 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG059899.D
Acq: 27 Nov 2023 12:51

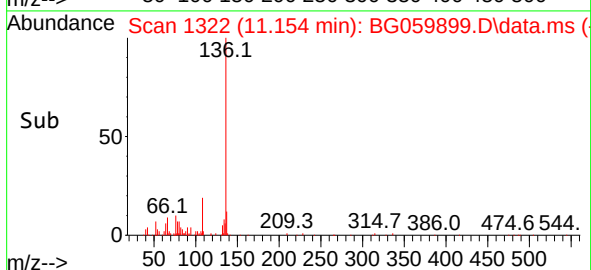
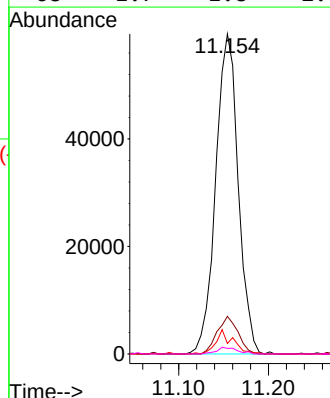
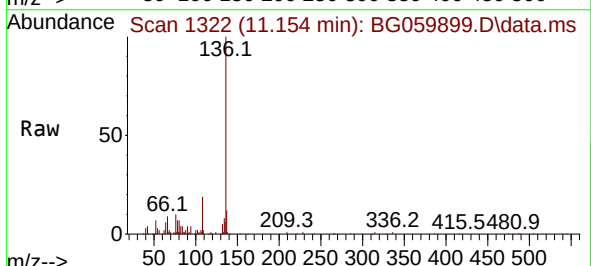
Instrument :
BNA_G
ClientSampleId :
EB20231114

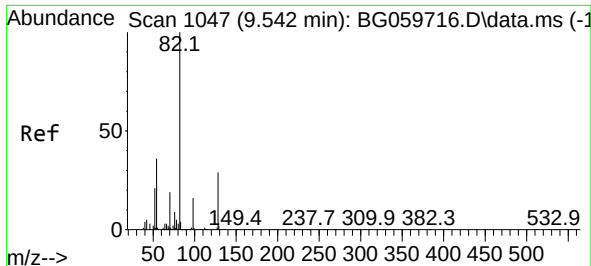
Tgt Ion: 99 Resp: 93381
Ion Ratio Lower Upper
99 100
42 18.1 14.3 21.5
71 76.8 59.3 88.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.154 min Scan# 1322
Delta R.T. -0.001 min
Lab File: BG059899.D
Acq: 27 Nov 2023 12:51

Tgt Ion: 136 Resp: 103629
Ion Ratio Lower Upper
136 100
137 11.8 7.4 11.0#
54 3.3 3.1 4.7
68 1.7 1.8 2.8#

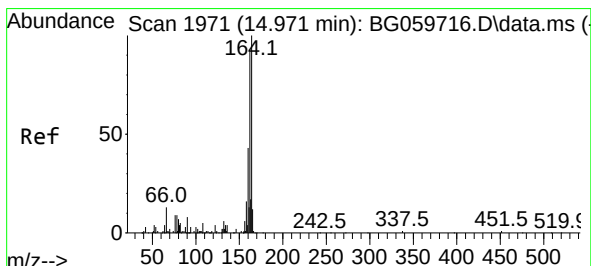
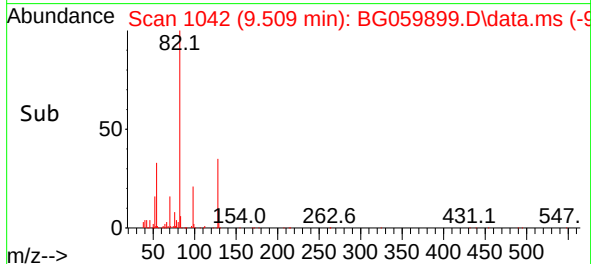
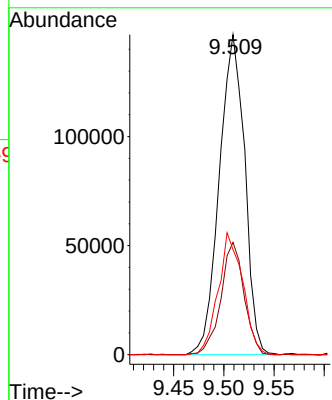
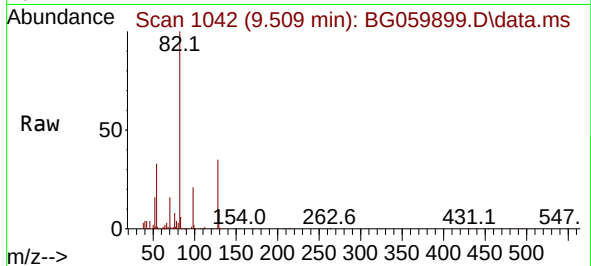




#23
Nitrobenzene-d5
Concen: 95.031 ng
RT: 9.509 min Scan# 1042
Delta R.T. -0.001 min
Lab File: BG059899.D
Acq: 27 Nov 2023 12:51

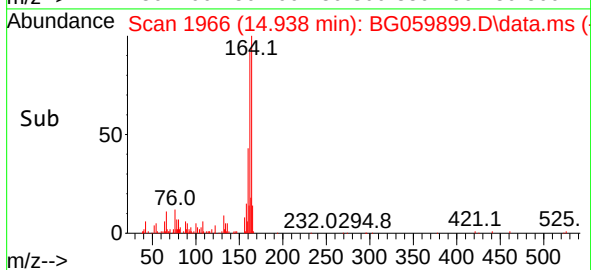
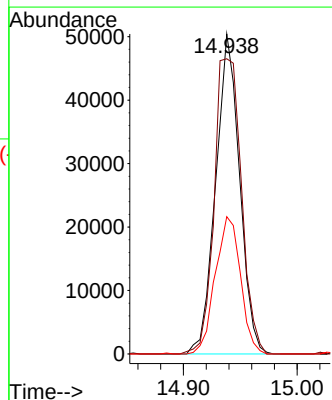
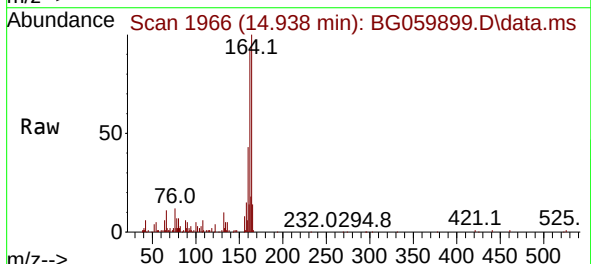
Instrument :
BNA_G
ClientSampleId :
EB20231114

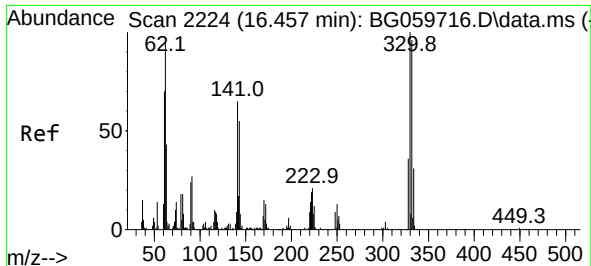
Tgt Ion: 82 Resp: 257855
Ion Ratio Lower Upper
82 100
128 35.1 23.0 34.6#
54 32.9 28.7 43.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.938 min Scan# 1966
Delta R.T. -0.006 min
Lab File: BG059899.D
Acq: 27 Nov 2023 12:51

Tgt Ion:164 Resp: 73699
Ion Ratio Lower Upper
164 100
162 92.3 73.3 109.9
160 42.9 34.1 51.1

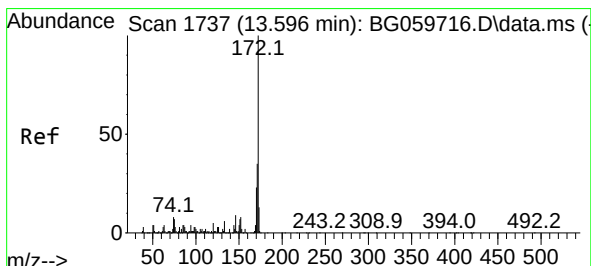
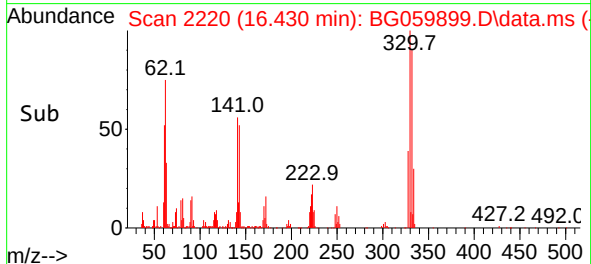
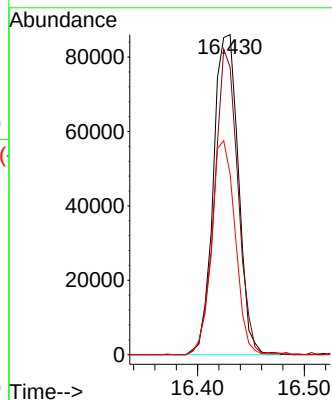
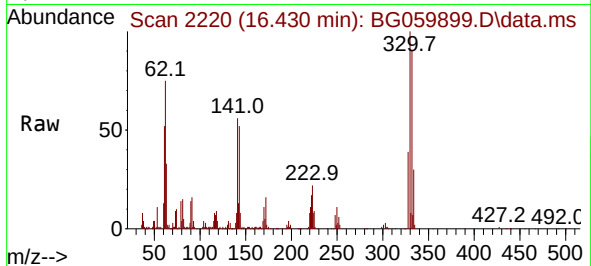




#42
2,4,6-Tribromophenol
Concen: 166.356 ng
RT: 16.430 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG059899.D
Acq: 27 Nov 2023 12:51

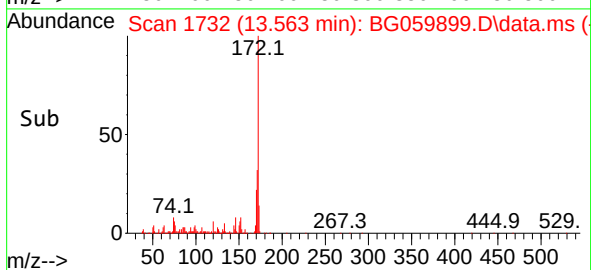
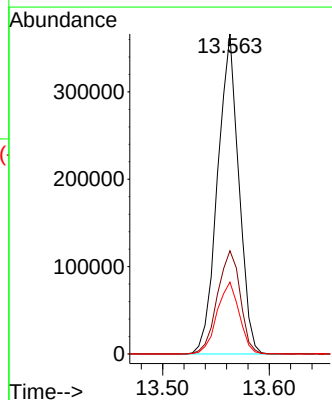
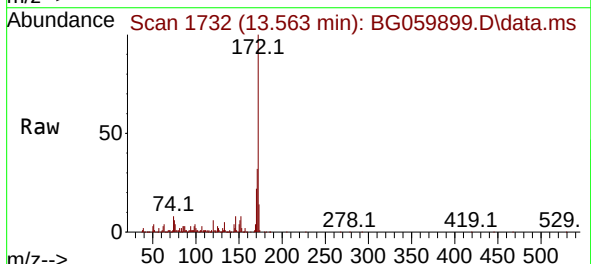
Instrument :
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ClientSampleId :
EB20231114

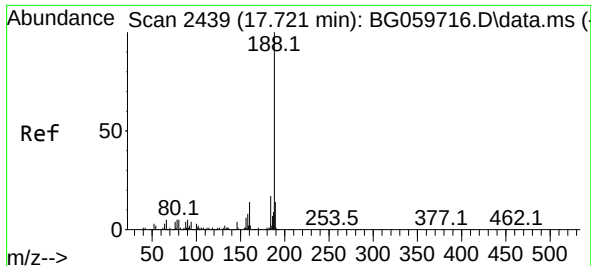
Tgt Ion:330 Resp: 139108
Ion Ratio Lower Upper
330 100
332 89.6 73.3 109.9
141 63.2 52.1 78.1



#45
2-Fluorobiphenyl
Concen: 92.321 ng
RT: 13.563 min Scan# 1732
Delta R.T. -0.001 min
Lab File: BG059899.D
Acq: 27 Nov 2023 12:51

Tgt Ion:172 Resp: 505480
Ion Ratio Lower Upper
172 100
171 32.2 27.7 41.5
170 22.4 18.4 27.6

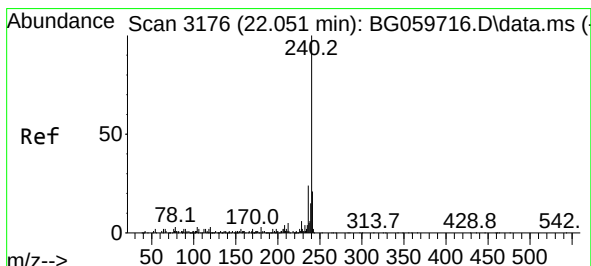
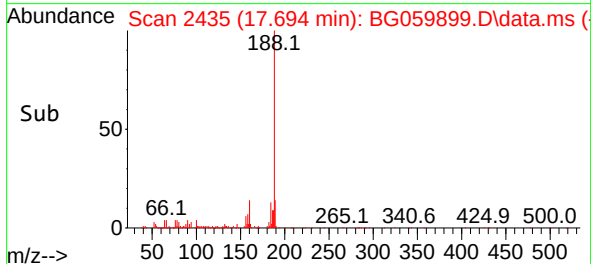
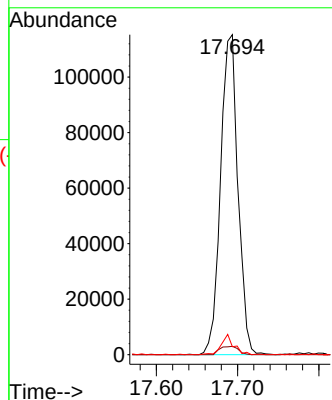
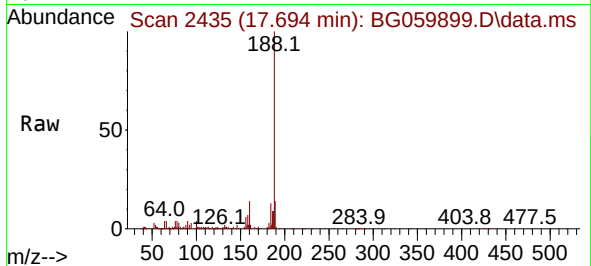




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.694 min Scan# 2435
Delta R.T. -0.000 min
Lab File: BG059899.D
Acq: 27 Nov 2023 12:51

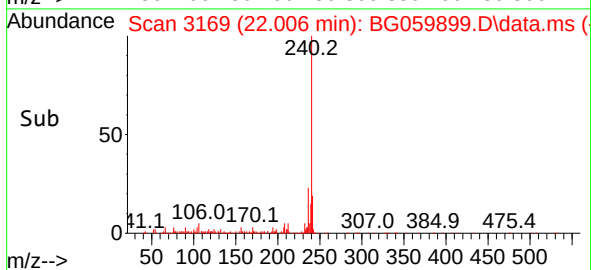
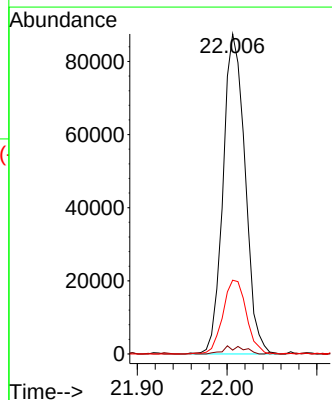
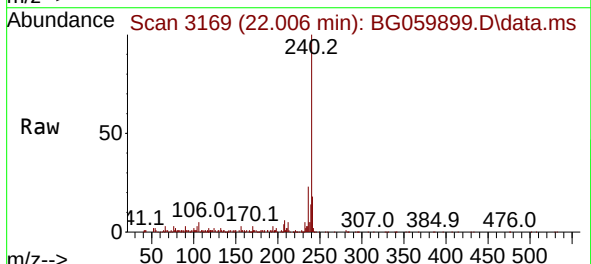
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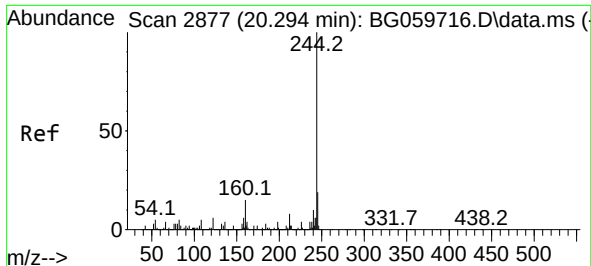
Tgt Ion:188 Resp: 171859
Ion Ratio Lower Upper
188 100
94 2.6 3.0 4.4#
80 2.5 4.2 6.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.006 min Scan# 3169
Delta R.T. -0.012 min
Lab File: BG059899.D
Acq: 27 Nov 2023 12:51

Tgt Ion:240 Resp: 148766
Ion Ratio Lower Upper
240 100
120 1.2 2.2 3.2#
236 23.1 19.4 29.2

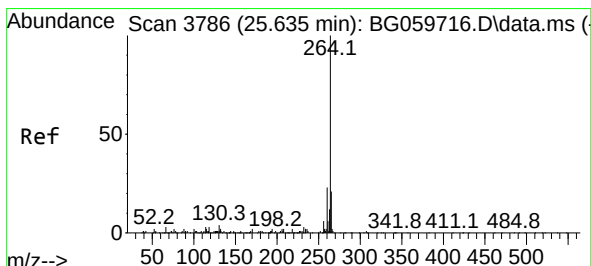
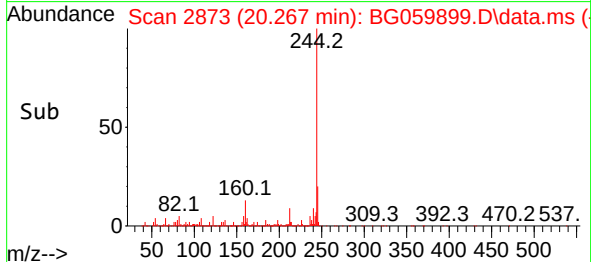
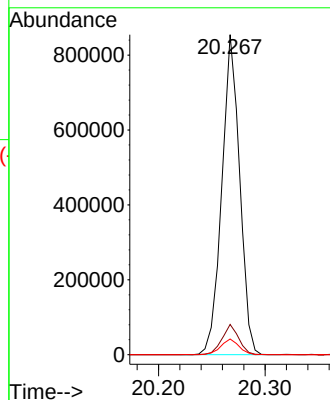
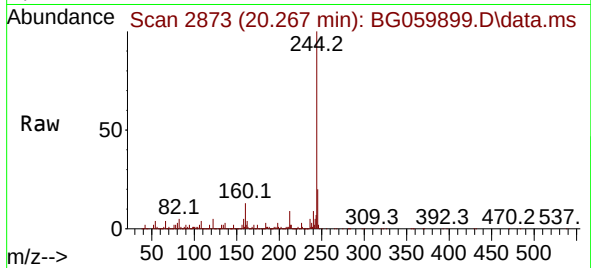




#79
 Terphenyl-d14
 Concen: 98.304 ng
 RT: 20.267 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG059899.D
 Acq: 27 Nov 2023 12:51

Instrument :
 BNA_G
 ClientSampleId :
 EB20231114

Tgt Ion:244 Resp: 990642
 Ion Ratio Lower Upper
 244 100
 212 9.4 6.6 10.0
 122 4.9 4.4 6.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.573 min Scan# 3776
 Delta R.T. -0.006 min
 Lab File: BG059899.D
 Acq: 27 Nov 2023 12:51

Tgt Ion:264 Resp: 166499
 Ion Ratio Lower Upper
 264 100
 260 25.3 18.5 27.7
 265 23.4 17.0 25.6

