

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061623\
 Data File : BG057743.D
 Acq On : 16 Jun 2023 20:49
 Operator : CG/JU
 Sample : 02997-01DL 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DMA-1103DL

Quant Time: Jun 19 02:26:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 15 15:28:07 2023
 Response via : Initial Calibration

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

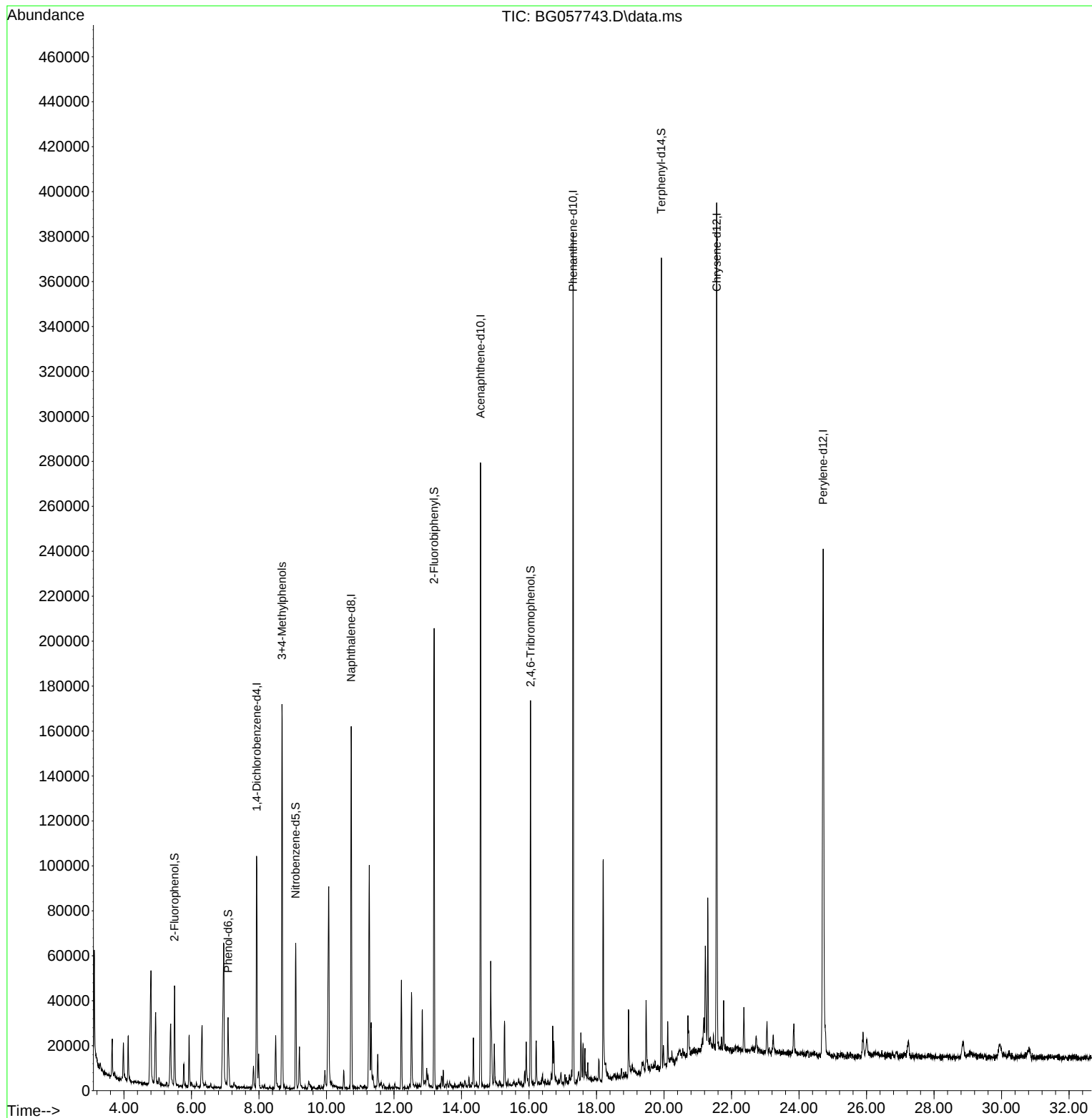
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.929	152	28514	20.000	ng	-0.01
21) Naphthalene-d8	10.732	136	130364	20.000	ng	-0.01
39) Acenaphthene-d10	14.563	164	95527	20.000	ng	-0.01
64) Phenanthrene-d10	17.307	188	238895	20.000	ng	-0.01
76) Chrysene-d12	21.560	240	201659	20.000	ng	-0.01
86) Perylene-d12	24.716	264	241585	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.497	112	19213	10.972	ng	-0.01
7) Phenol-d6	7.083	99	17825	6.626	ng	-0.01
23) Nitrobenzene-d5	9.087	82	38699	29.801	ng	-0.01
42) 2,4,6-Tribromophenol	16.049	330	33054	31.015	ng	-0.01
45) 2-Fluorobiphenyl	13.188	172	106539	16.624	ng	-0.01
79) Terphenyl-d14	19.921	244	174646	16.012	ng	-0.01
Target Compounds						
20) 3+4-Methylphenols	8.681	107	76691	28.996	ng	Qvalue 91

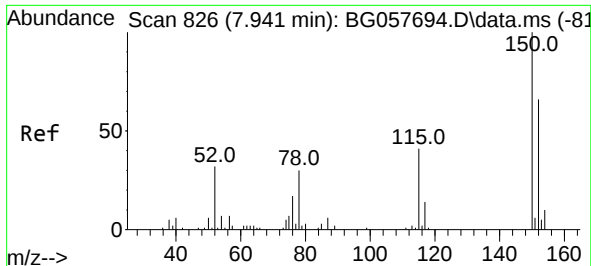
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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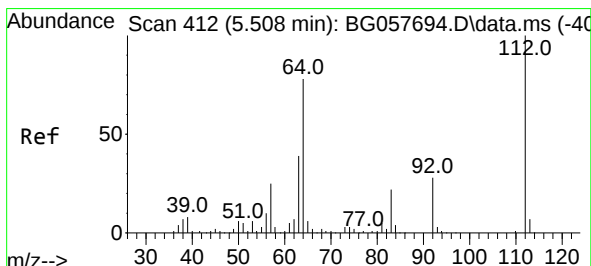
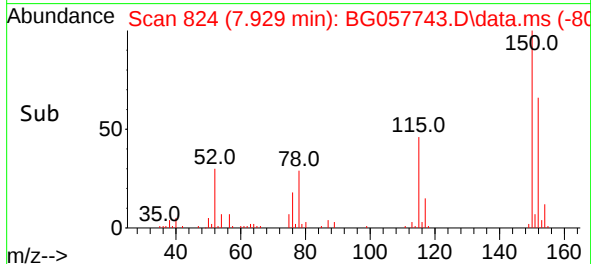
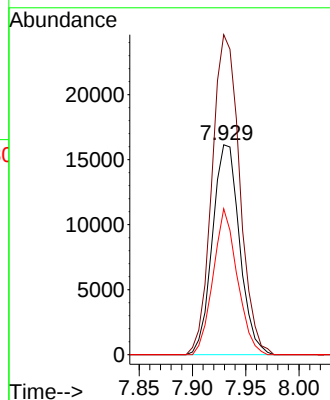
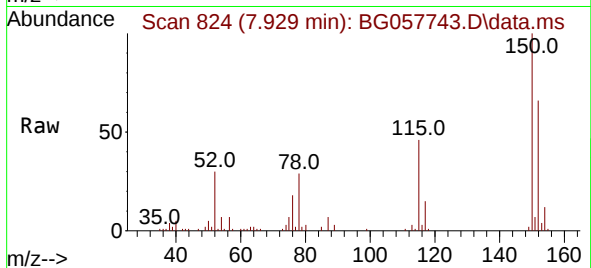




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.929 min Scan# 81
Delta R.T. -0.013 min
Lab File: BG057743.D
Acq: 16 Jun 2023 20:49

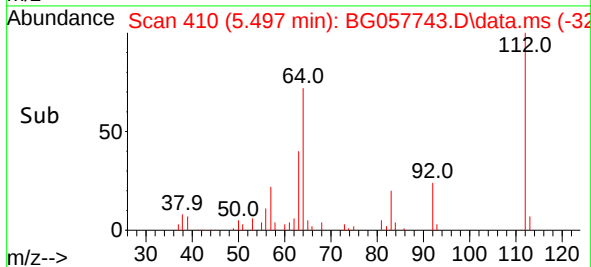
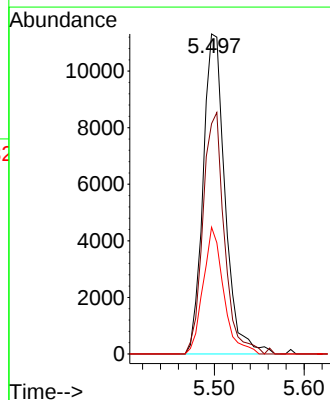
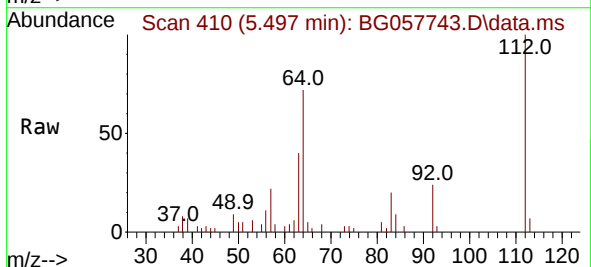
Instrument :
BNA_G
ClientSampleId :
DMA-1103DL

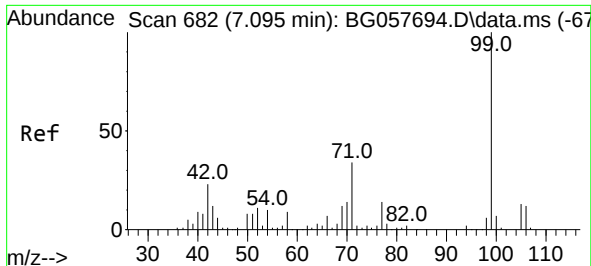
Tgt Ion:152 Resp: 28514
Ion Ratio Lower Upper
152 100
150 152.5 120.8 181.2
115 69.5 49.4 74.2



#5
2-Fluorophenol
Concen: 10.972 ng
RT: 5.497 min Scan# 410
Delta R.T. -0.013 min
Lab File: BG057743.D
Acq: 16 Jun 2023 20:49

Tgt Ion:112 Resp: 19213
Ion Ratio Lower Upper
112 100
64 71.9 62.3 93.5
63 39.6 31.5 47.3

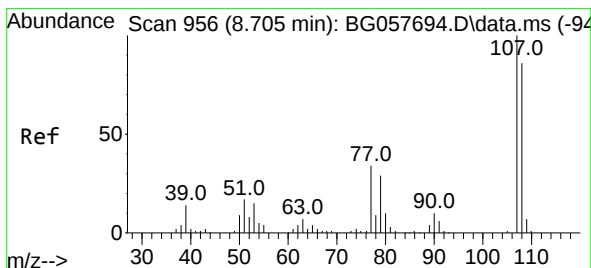
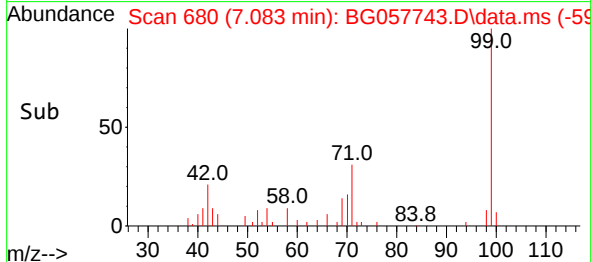
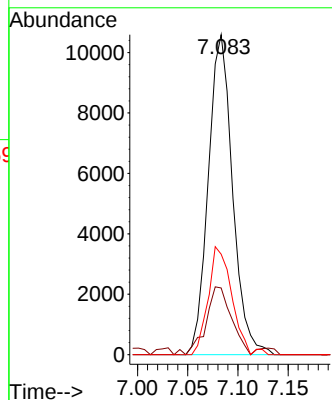
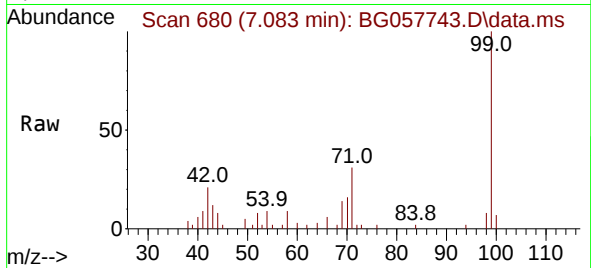




#7
Phenol-d6
Concen: 6.626 ng
RT: 7.083 min Scan# 61
Delta R.T. -0.013 min
Lab File: BG057743.D
Acq: 16 Jun 2023 20:49

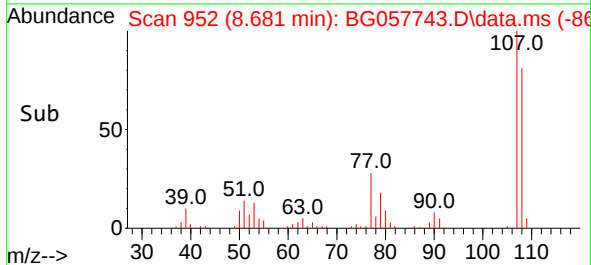
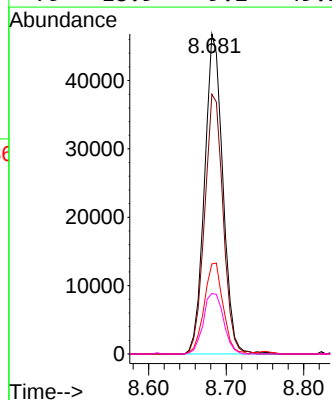
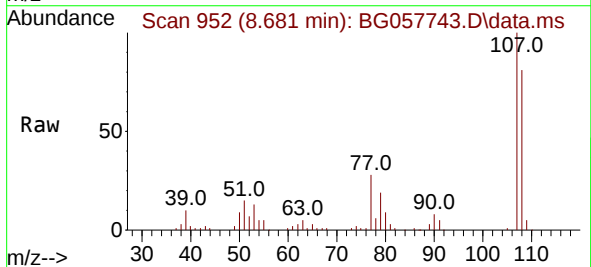
Instrument :
BNA_G
ClientSampleId :
DMA-1103DL

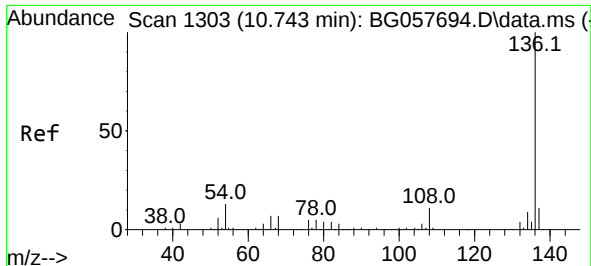
Tgt Ion: 99 Resp: 17825
Ion Ratio Lower Upper
99 100
42 20.9 18.3 27.5
71 31.4 27.5 41.3



#20
3+4-Methylphenols
Concen: 28.996 ng
RT: 8.681 min Scan# 952
Delta R.T. -0.025 min
Lab File: BG057743.D
Acq: 16 Jun 2023 20:49

Tgt Ion:107 Resp: 76691
Ion Ratio Lower Upper
107 100
108 81.2 66.3 106.3
77 28.2 13.9 53.9
79 18.9 9.2 49.2

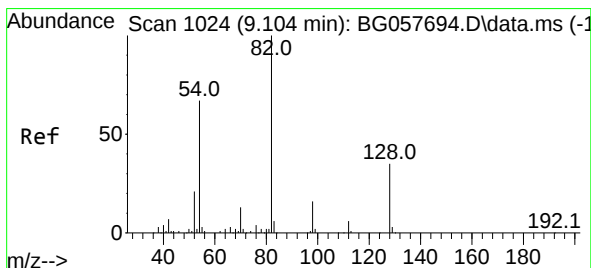
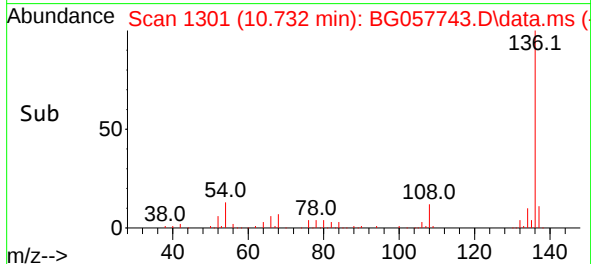
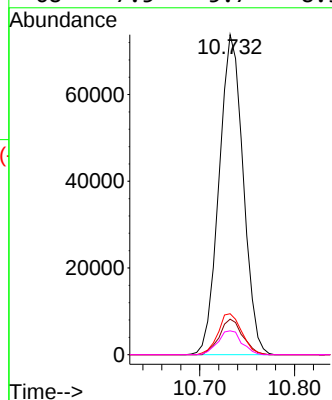
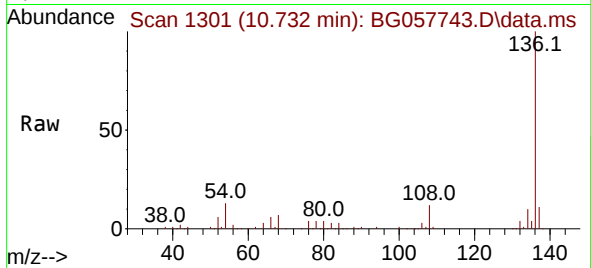




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.732 min Scan# 11
Delta R.T. -0.013 min
Lab File: BG057743.D
Acq: 16 Jun 2023 20:49

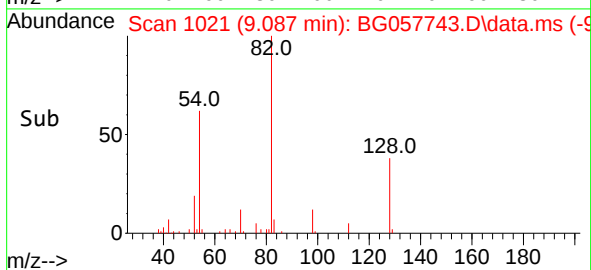
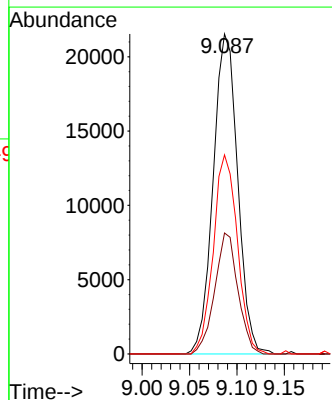
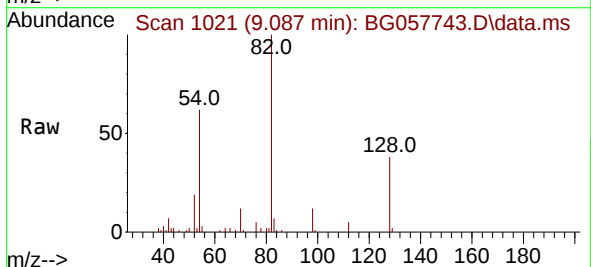
Instrument :
BNA_G
ClientSampleId :
DMA-1103DL

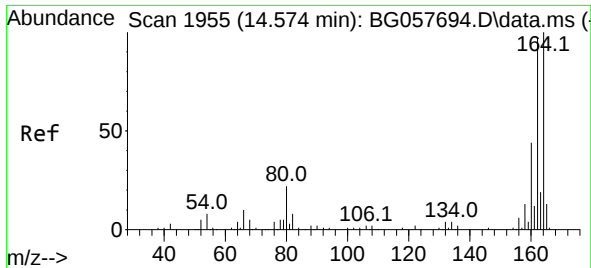
Tgt Ion:	136	Resp:	130364
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.6	13.0
54	12.8	10.8	16.2
68	7.5	5.7	8.5



#23
Nitrobenzene-d5
Concen: 29.801 ng
RT: 9.087 min Scan# 1021
Delta R.T. -0.013 min
Lab File: BG057743.D
Acq: 16 Jun 2023 20:49

Tgt Ion:	82	Resp:	38699
Ion Ratio	Lower	Upper	
82	100		
128	37.8	27.7	41.5
54	62.2	53.8	80.8

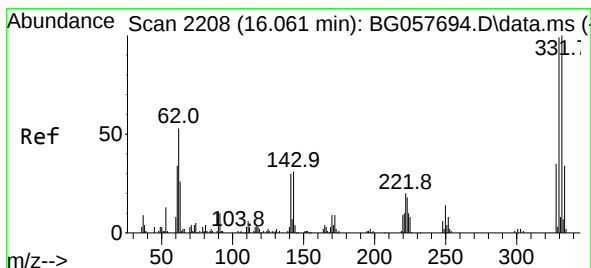
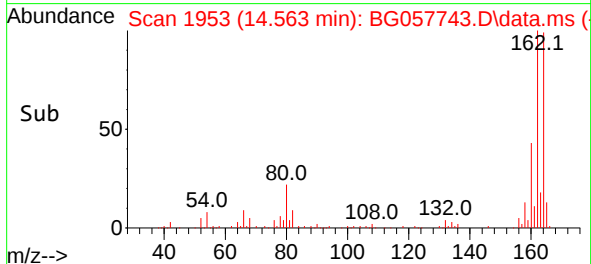
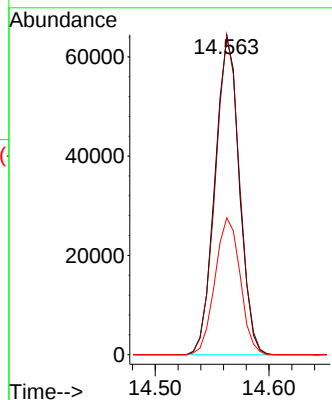
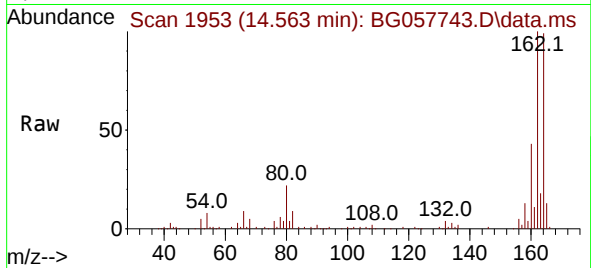




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.563 min Scan# 1953
Delta R.T. -0.013 min
Lab File: BG057743.D
Acq: 16 Jun 2023 20:49

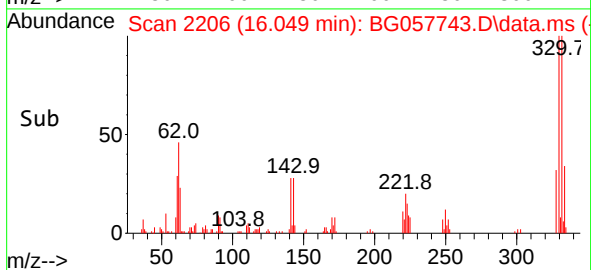
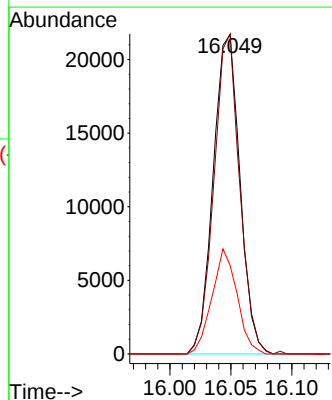
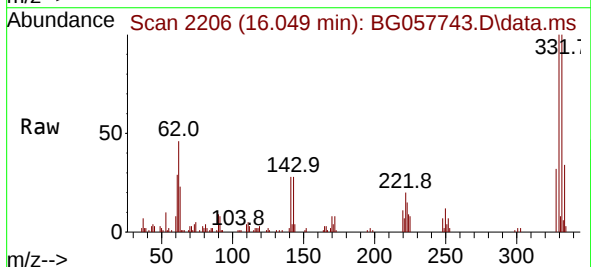
Instrument :
BNA_G
ClientSampleId :
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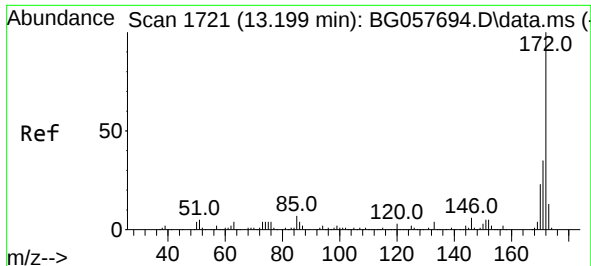
Tgt Ion:164 Resp: 95527
Ion Ratio Lower Upper
164 100
162 100.8 77.7 116.5
160 43.1 35.1 52.7



#42
2,4,6-Tribromophenol
Concen: 31.015 ng
RT: 16.049 min Scan# 2206
Delta R.T. -0.013 min
Lab File: BG057743.D
Acq: 16 Jun 2023 20:49

Tgt Ion:330 Resp: 33054
Ion Ratio Lower Upper
330 100
332 96.2 79.0 118.6
141 30.9 25.0 37.6

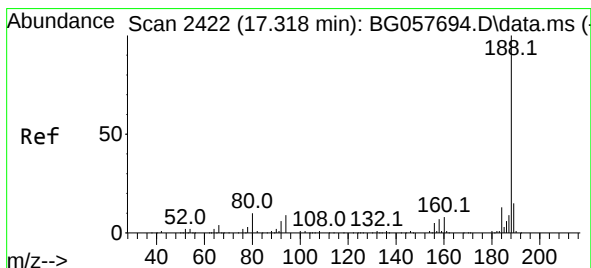
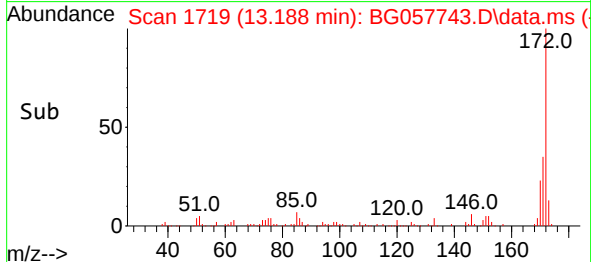
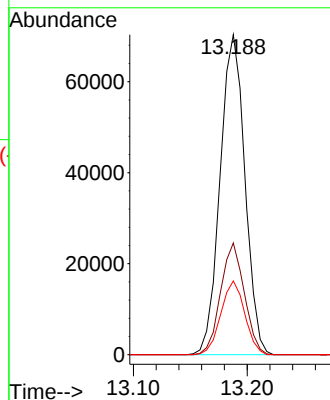
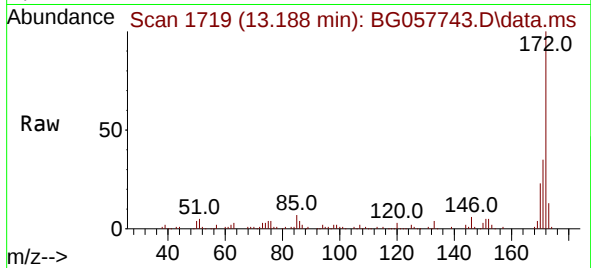




#45
2-Fluorobiphenyl
Concen: 16.624 ng
RT: 13.188 min Scan# 1719
Delta R.T. -0.013 min
Lab File: BG057743.D
Acq: 16 Jun 2023 20:49

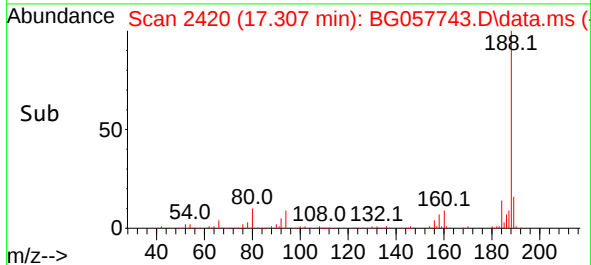
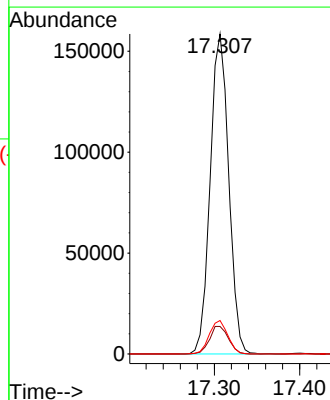
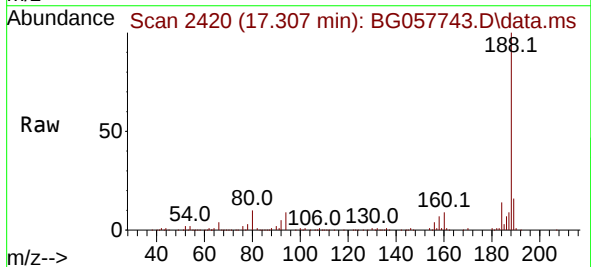
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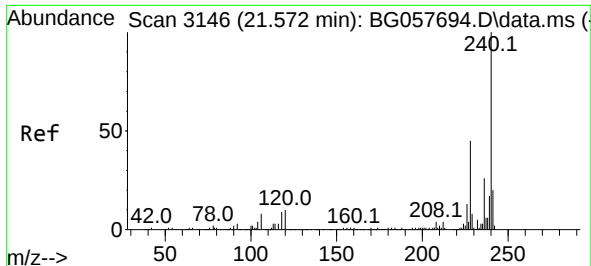
Tgt Ion:172 Resp: 106539
Ion Ratio Lower Upper
172 100
171 34.9 27.9 41.9
170 23.0 18.2 27.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.307 min Scan# 2420
Delta R.T. -0.013 min
Lab File: BG057743.D
Acq: 16 Jun 2023 20:49

Tgt Ion:188 Resp: 238895
Ion Ratio Lower Upper
188 100
94 8.6 6.9 10.3
80 10.4 8.2 12.4

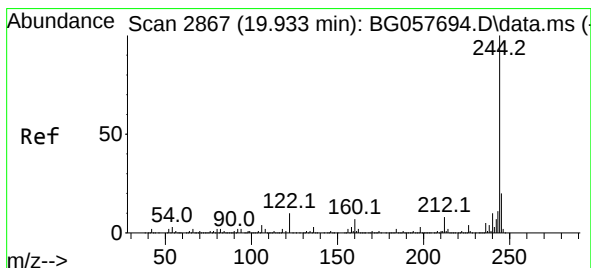
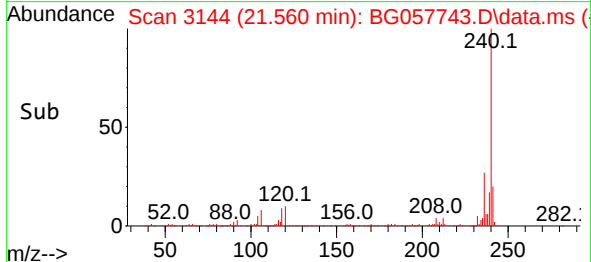
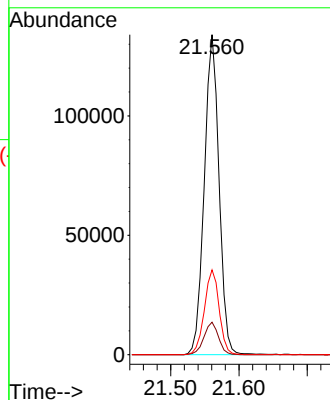
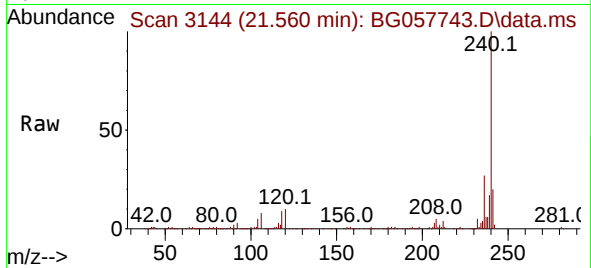




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.560 min Scan# 3144
Delta R.T. -0.013 min
Lab File: BG057743.D
Acq: 16 Jun 2023 20:49

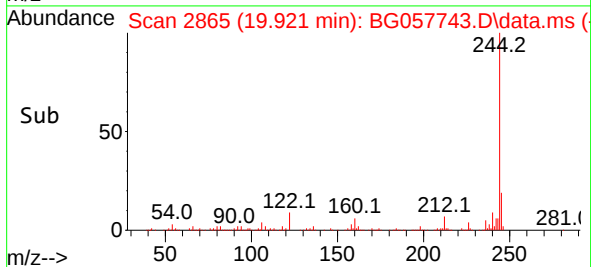
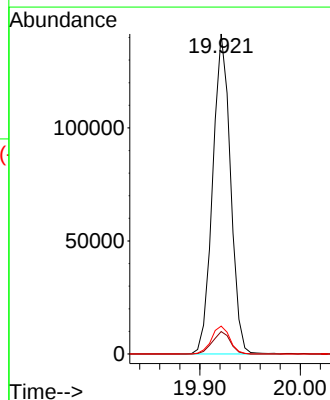
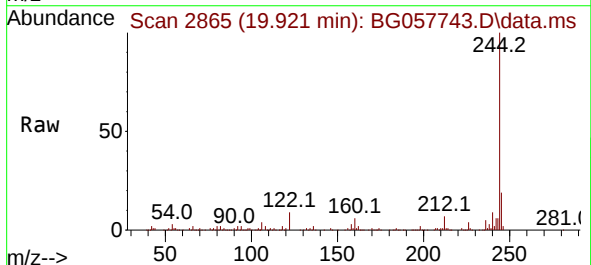
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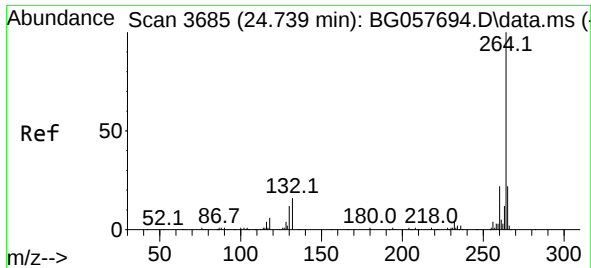
Tgt Ion:240 Resp: 201659
Ion Ratio Lower Upper
240 100
120 10.1 8.1 12.1
236 26.5 20.7 31.1



#79
Terphenyl-d14
Concen: 16.012 ng
RT: 19.921 min Scan# 2865
Delta R.T. -0.013 min
Lab File: BG057743.D
Acq: 16 Jun 2023 20:49

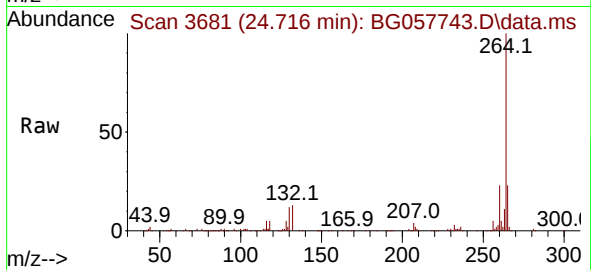
Tgt Ion:244 Resp: 174646
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 8.7 7.7 11.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.716 min Scan# 30
 Delta R.T. -0.019 min
 Lab File: BG057743.D
 Acq: 16 Jun 2023 20:49

Instrument :
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 ClientSampleId :
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Tgt Ion:264 Resp: 241585
 Ion Ratio Lower Upper
 264 100
 260 22.5 17.3 25.9
 265 22.7 17.5 26.3

