

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041323\
 Data File : BG057085.D
 Acq On : 13 Apr 2023 17:09
 Operator : CG/JU
 Sample : 02293-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 IDW-LIQ-FRAC-041123

Quant Time: Apr 13 18:14:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 13 05:15:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.408	152	14944	20.000	ng	0.00
21) Naphthalene-d8	11.239	136	57293	20.000	ng	0.00
39) Acenaphthene-d10	15.016	164	40174	20.000	ng	0.00
64) Phenanthrene-d10	17.754	188	97971	20.000	ng	0.00
76) Chrysene-d12	22.066	240	91790	20.000	ng	-0.02
86) Perylene-d12	25.602	264	101355	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.917	112	57597	61.684	ng	0.00
7) Phenol-d6	7.532	99	48868	34.993	ng	0.00
23) Nitrobenzene-d5	9.583	82	119619	85.430	ng	0.00
42) 2,4,6-Tribromophenol	16.497	330	83875	130.689	ng	0.00
45) 2-Fluorobiphenyl	13.642	172	256403	86.545	ng	0.00
79) Terphenyl-d14	20.321	244	479178	88.337	ng	0.00

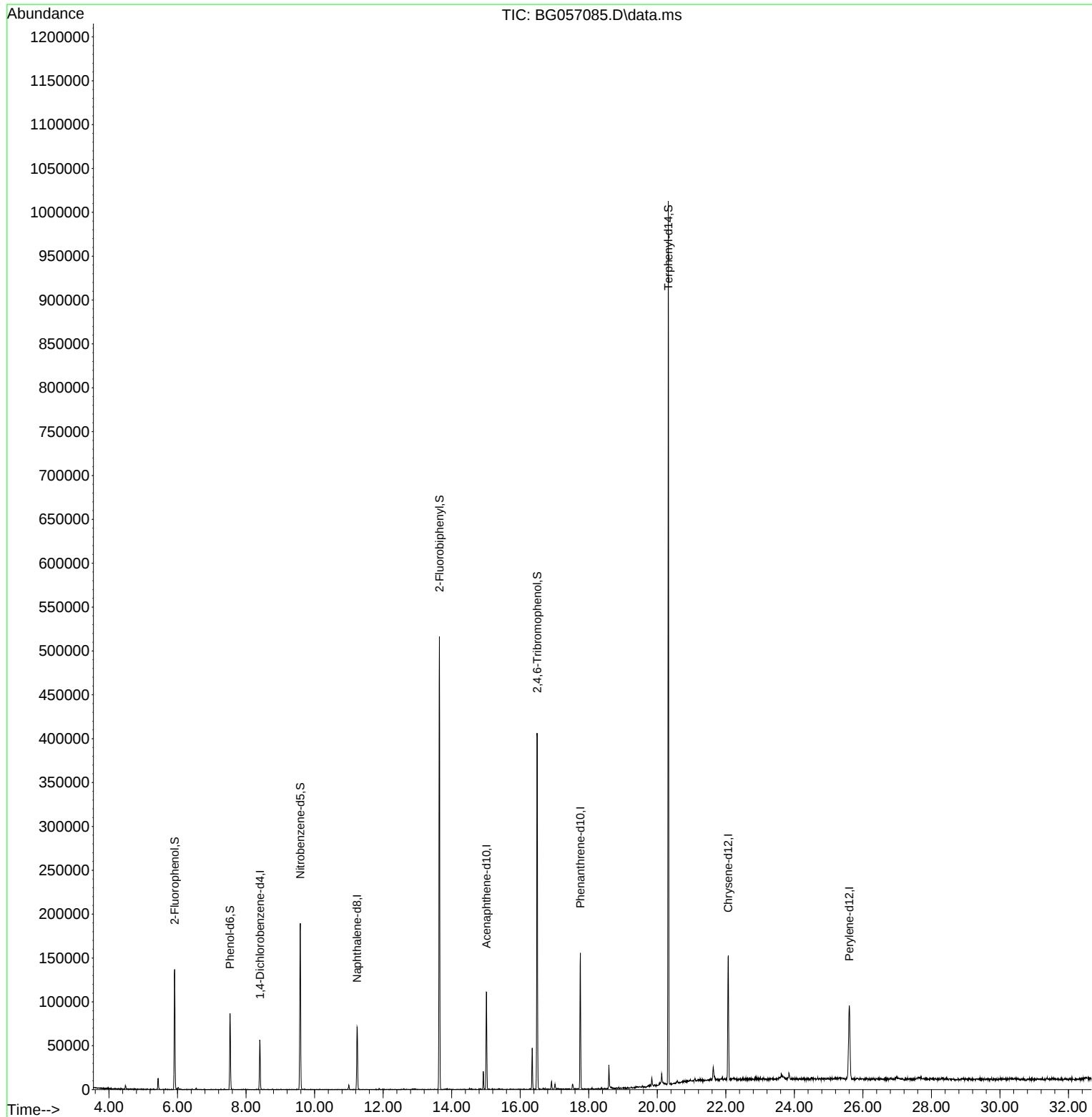
Target Compounds	Qvalue

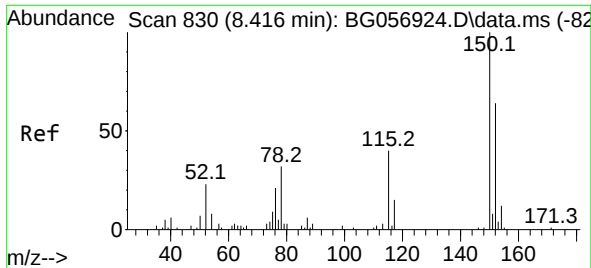
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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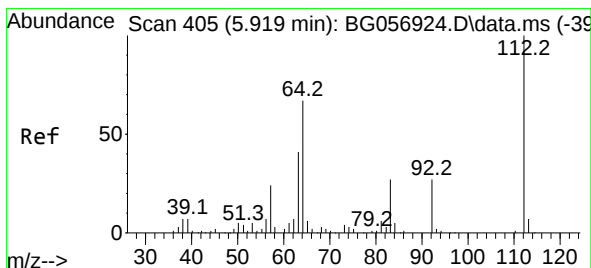
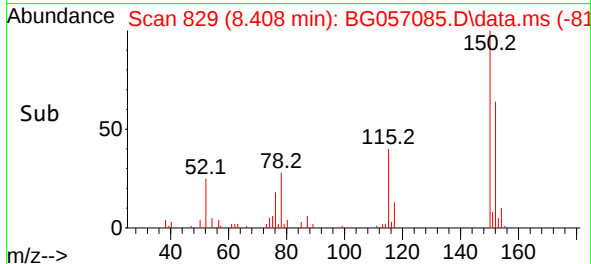
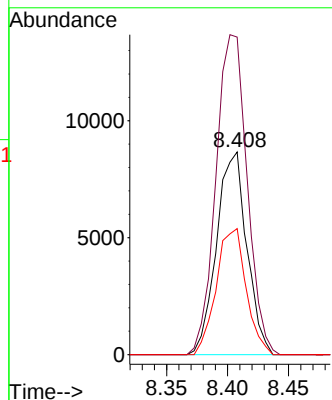
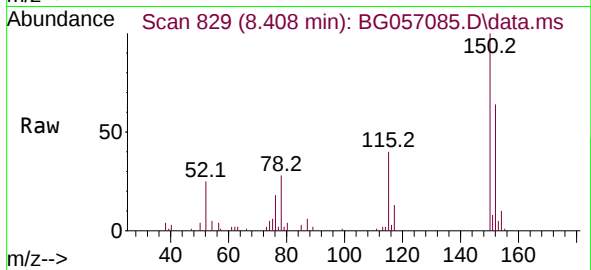




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.408 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG057085.D
Acq: 13 Apr 2023 17:09

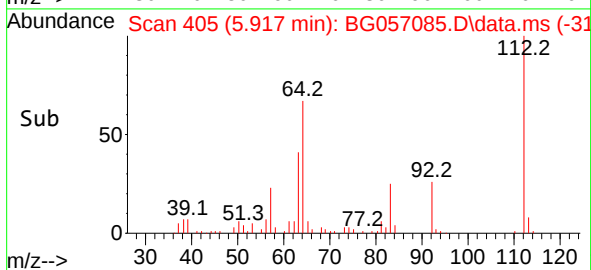
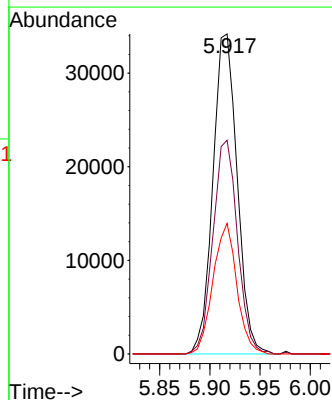
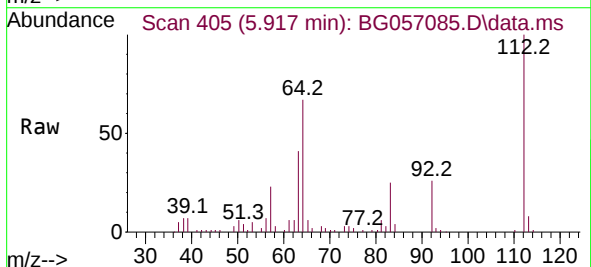
Instrument :
BNA_G
ClientSampleId :
IDW-LIQ-FRAC-041123

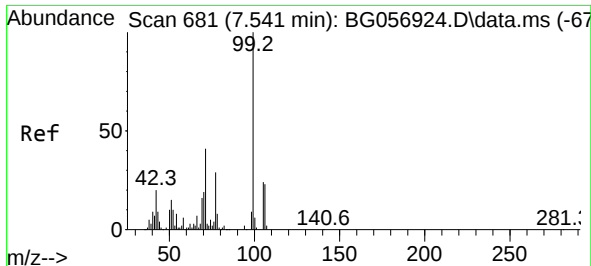
Tgt Ion:152 Resp: 14944
Ion Ratio Lower Upper
152 100
150 156.8 124.1 186.1
115 62.2 49.1 73.7



#5
2-Fluorophenol
Concen: 61.684 ng
RT: 5.917 min Scan# 405
Delta R.T. 0.002 min
Lab File: BG057085.D
Acq: 13 Apr 2023 17:09

Tgt Ion:112 Resp: 57597
Ion Ratio Lower Upper
112 100
64 66.8 53.2 79.8
63 40.8 32.6 48.8

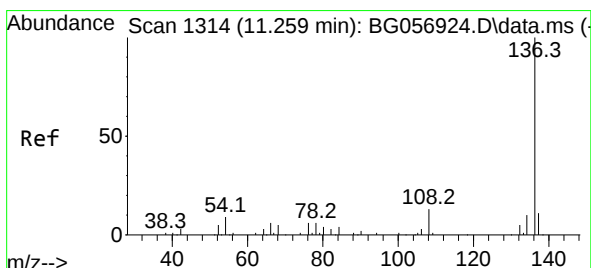
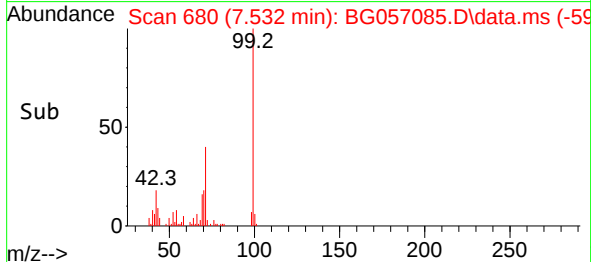
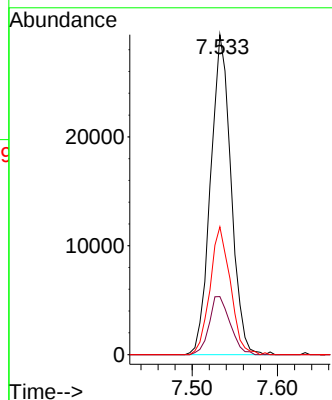
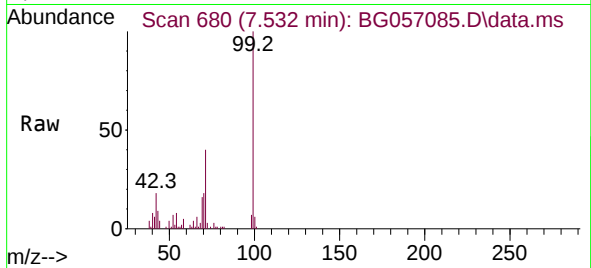




#7
Phenol-d6
Concen: 34.993 ng
RT: 7.532 min Scan# 681
Delta R.T. -0.003 min
Lab File: BG057085.D
Acq: 13 Apr 2023 17:09

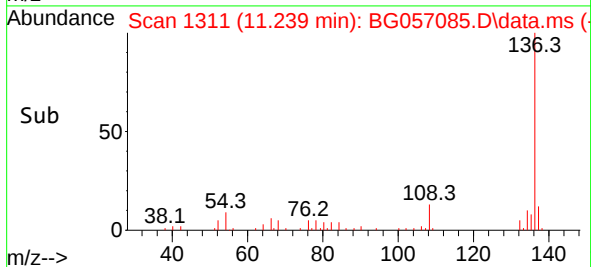
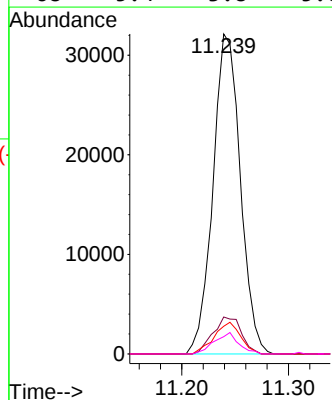
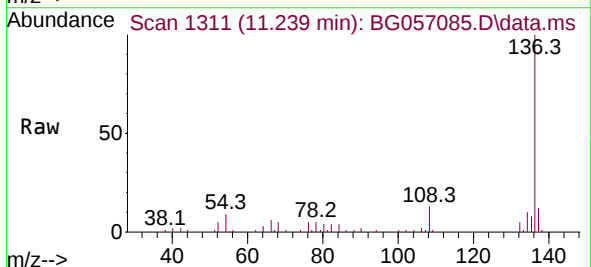
Instrument :
BNA_G
ClientSampleId :
IDW-LIQ-FRAC-041123

Tgt Ion: 99 Resp: 48868
Ion Ratio Lower Upper
99 100
42 18.1 15.7 23.5
71 39.9 32.5 48.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.239 min Scan# 1311
Delta R.T. -0.009 min
Lab File: BG057085.D
Acq: 13 Apr 2023 17:09

Tgt Ion: 136 Resp: 57293
Ion Ratio Lower Upper
136 100
137 11.5 8.6 13.0
54 8.6 6.9 10.3
68 5.4 3.8 5.6





#23

Nitrobenzene-d5

Concen: 85.430 ng

RT: 9.583 min Scan# 1029

Delta R.T. -0.003 min

Lab File: BG057085.D

Acq: 13 Apr 2023 17:09

Instrument :

BNA_G

ClientSampleId :

IDW-LIQ-FRAC-041123

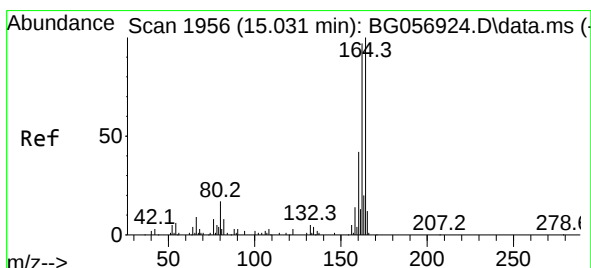
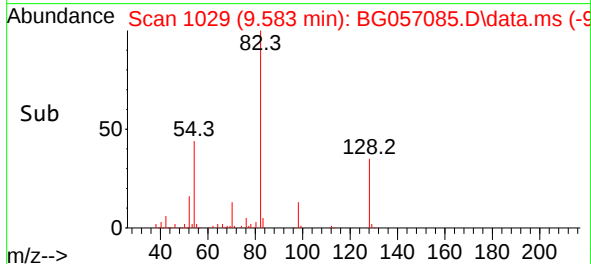
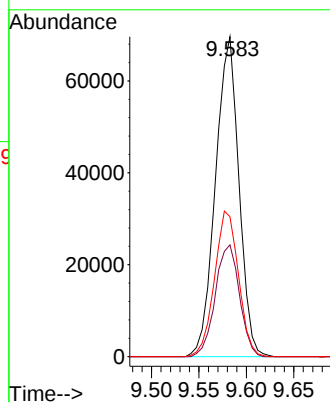
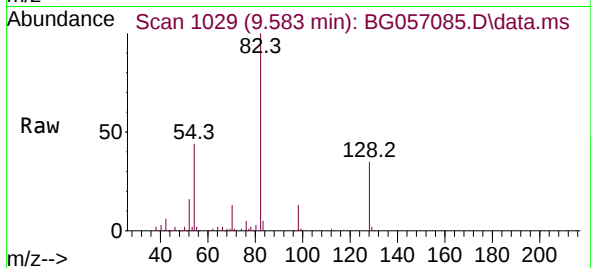
Tgt Ion: 82 Resp: 119619

Ion Ratio Lower Upper

82 100

128 34.9 27.9 41.9

54 43.7 39.4 59.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.016 min Scan# 1954

Delta R.T. -0.003 min

Lab File: BG057085.D

Acq: 13 Apr 2023 17:09

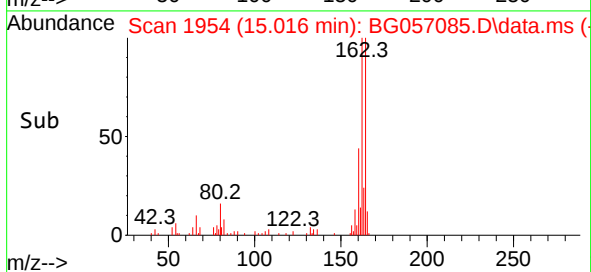
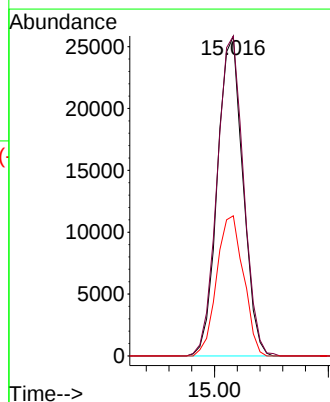
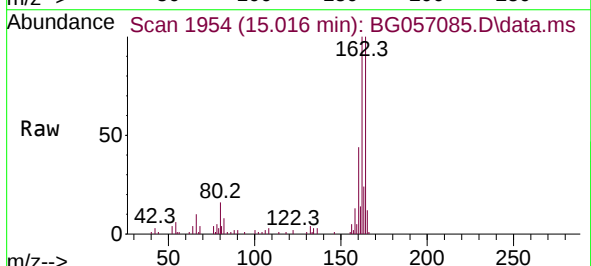
Tgt Ion: 164 Resp: 40174

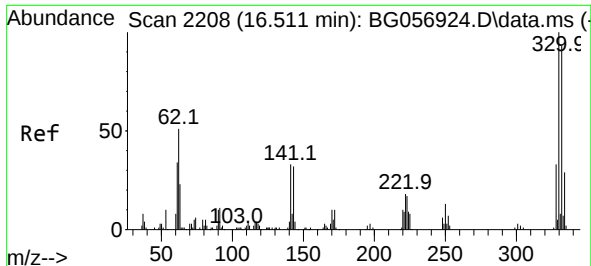
Ion Ratio Lower Upper

164 100

162 100.2 77.8 116.8

160 43.8 33.5 50.3

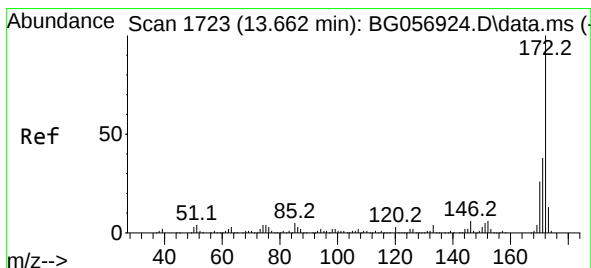
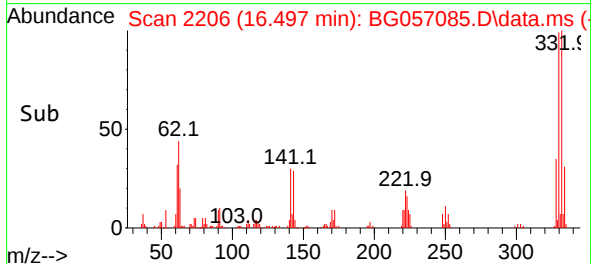
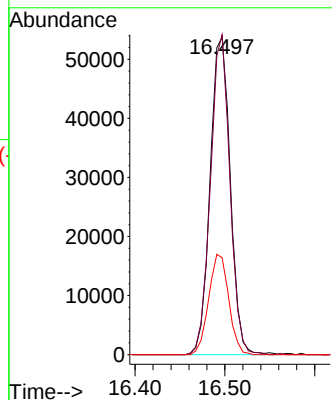
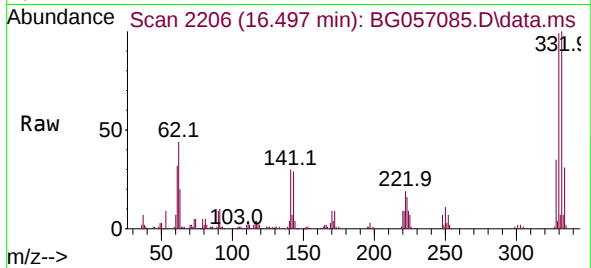




#42
 2,4,6-Tribromophenol
 Concen: 130.689 ng
 RT: 16.497 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG057085.D
 Acq: 13 Apr 2023 17:09

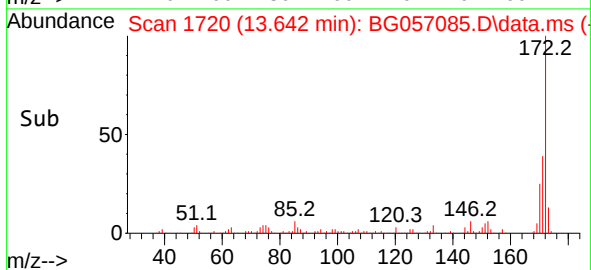
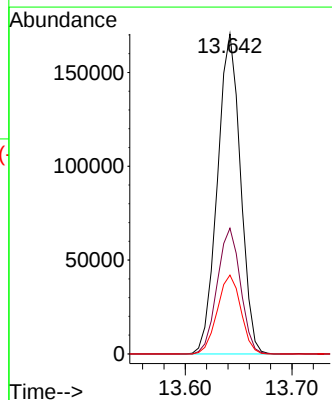
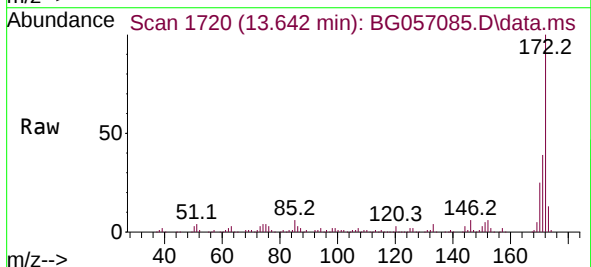
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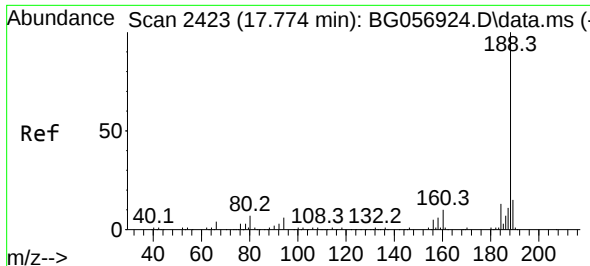
Tgt Ion:330 Resp: 83875
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.1 114.1
 141 31.4 25.8 38.6



#45
 2-Fluorobiphenyl
 Concen: 86.545 ng
 RT: 13.642 min Scan# 1720
 Delta R.T. -0.003 min
 Lab File: BG057085.D
 Acq: 13 Apr 2023 17:09

Tgt Ion:172 Resp: 256403
 Ion Ratio Lower Upper
 172 100
 171 39.3 30.6 46.0
 170 24.6 20.6 30.8

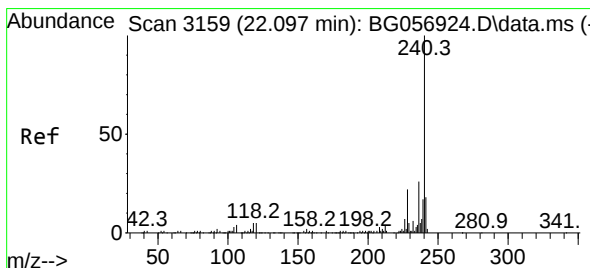
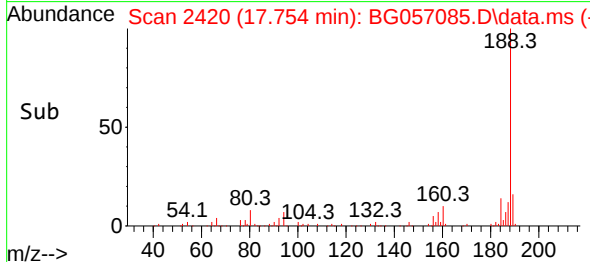
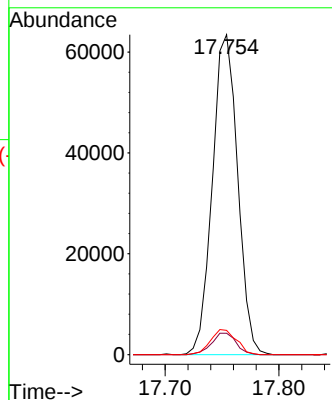
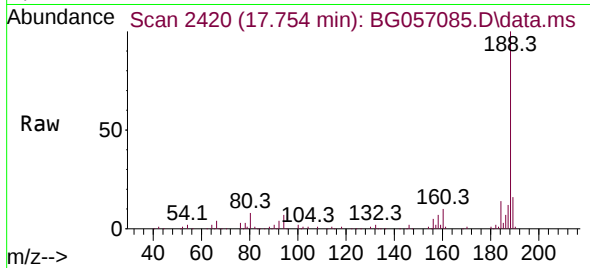




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.754 min Scan# 24
Delta R.T. -0.009 min
Lab File: BG057085.D
Acq: 13 Apr 2023 17:09

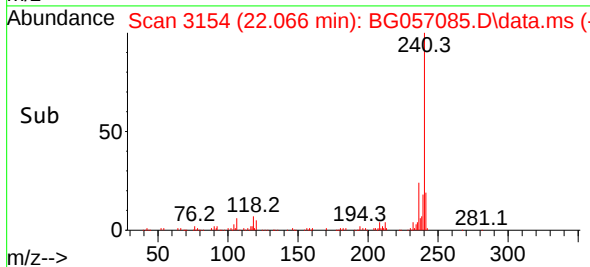
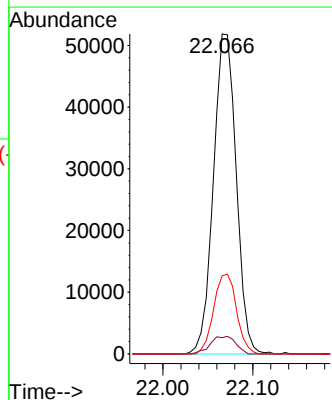
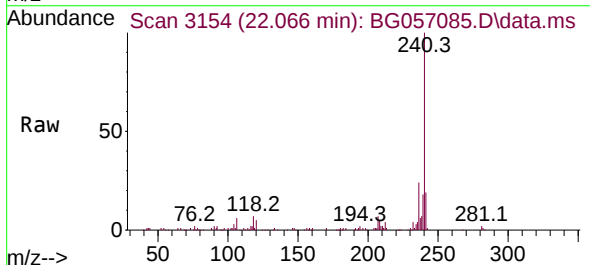
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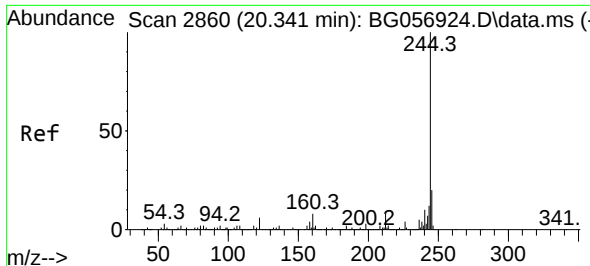
Tgt Ion:188 Resp: 97971
Ion Ratio Lower Upper
188 100
94 6.7 4.6 6.8
80 7.6 5.5 8.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.066 min Scan# 3154
Delta R.T. -0.015 min
Lab File: BG057085.D
Acq: 13 Apr 2023 17:09

Tgt Ion:240 Resp: 91790
Ion Ratio Lower Upper
240 100
120 5.1 3.8 5.6
236 24.4 21.0 31.6

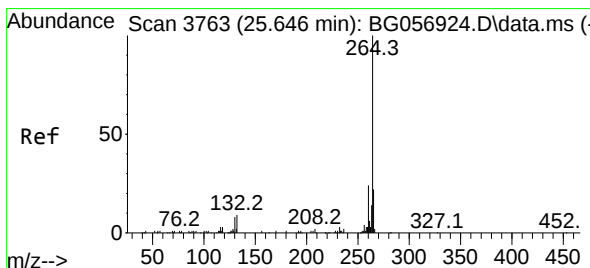
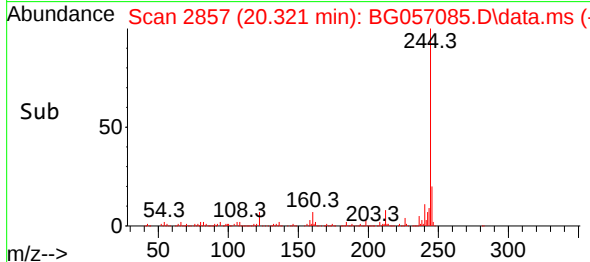
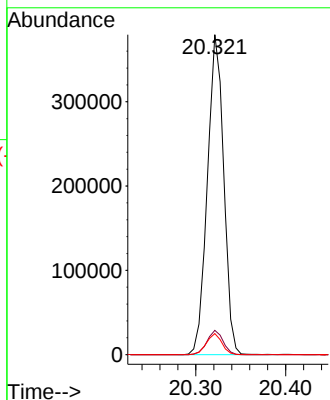
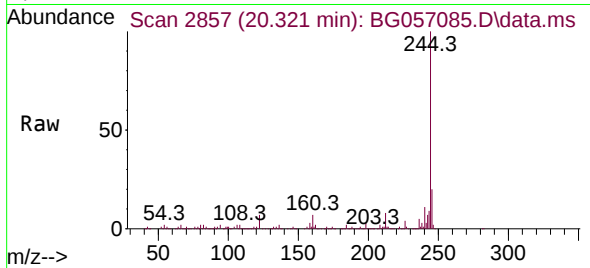




#79
 Terphenyl-d14
 Concen: 88.337 ng
 RT: 20.321 min Scan# 2860
 Delta R.T. -0.003 min
 Lab File: BG057085.D
 Acq: 13 Apr 2023 17:09

Instrument :
 BNA_G
 ClientSampleId :
 IDW-LIQ-FRAC-041123

Tgt Ion:244 Resp: 479178
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.1 9.1
 122 6.6 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.602 min Scan# 3756
 Delta R.T. -0.009 min
 Lab File: BG057085.D
 Acq: 13 Apr 2023 17:09

Tgt Ion:264 Resp: 101355
 Ion Ratio Lower Upper
 264 100
 260 22.3 19.0 28.4
 265 21.2 17.8 26.6

