

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091222\
 Data File : BG054915.D
 Acq On : 12 Sep 2022 21:01
 Operator : CG/JU
 Sample : N4572-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PSC-164718

Quant Time: Sep 13 03:09:09 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 10 01:53:42 2022
 Response via : Initial Calibration

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

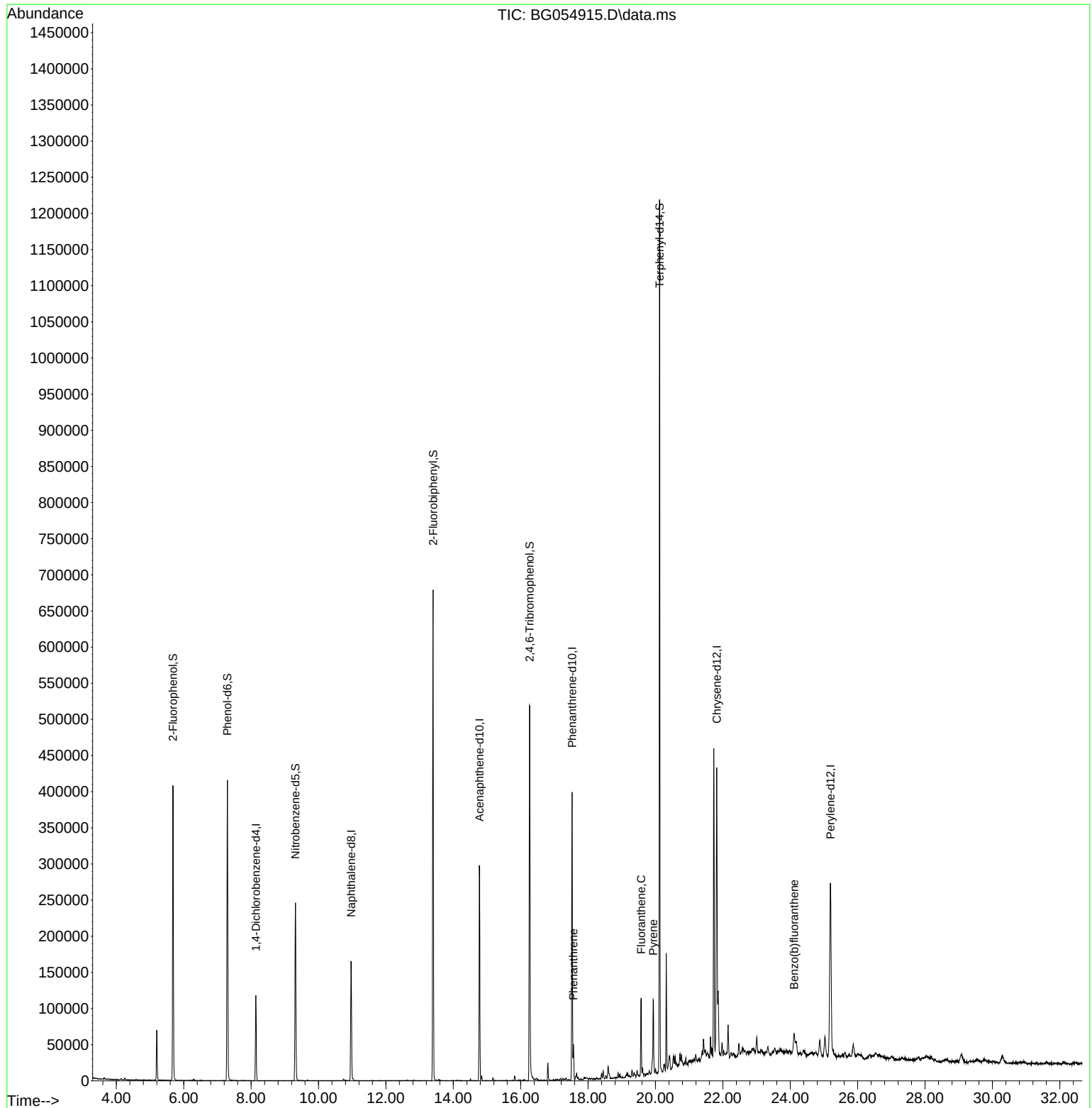
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.140	152	37831	20.000	ng	0.00
21) Naphthalene-d8	10.966	136	158405	20.000	ng	# 0.00
39) Acenaphthene-d10	14.774	164	112183	20.000	ng	0.00
64) Phenanthrene-d10	17.523	188	267897	20.000	ng	0.00
76) Chrysene-d12	21.818	240	254367	20.000	ng	0.00
86) Perylene-d12	25.191	264	271427	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.678	112	205239	94.472	ng	0.00
7) Phenol-d6	7.294	99	278918	93.878	ng	0.00
23) Nitrobenzene-d5	9.315	82	164247	54.433	ng	0.00
42) 2,4,6-Tribromophenol	16.266	330	134683	96.079	ng	0.00
45) 2-Fluorobiphenyl	13.399	172	380301	50.952	ng	0.00
79) Terphenyl-d14	20.120	244	626927	48.834	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.565	178	31908	2.236	ng	98
75) Fluoranthene	19.574	202	70659	4.070	ng	97
78) Pyrene	19.932	202	69381	3.912	ng	97
88) Benzo(b)fluoranthene	24.110	252	37483	2.201	ng	98

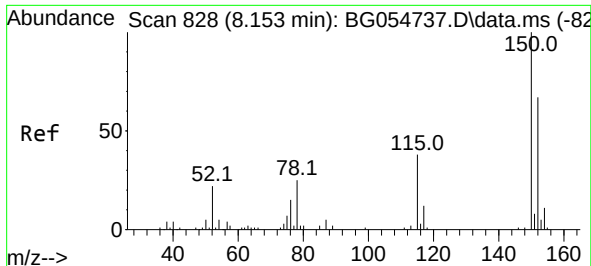
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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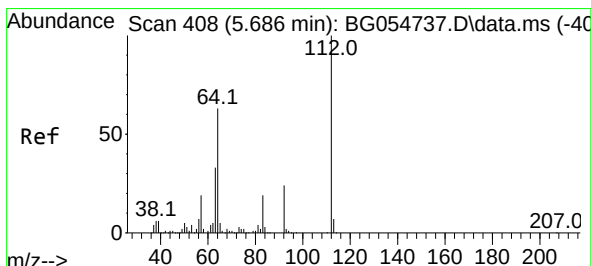
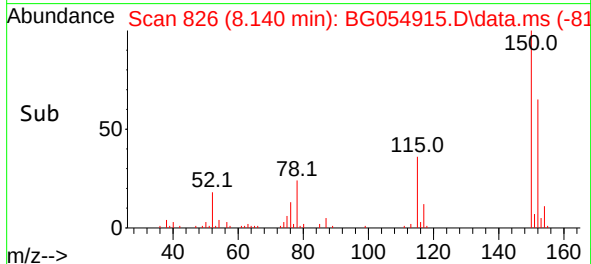
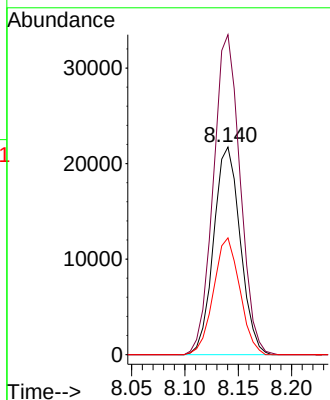
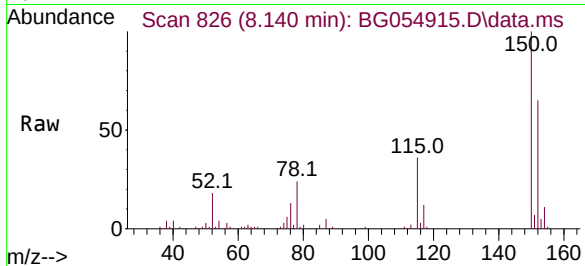




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.140 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG054915.D
Acq: 12 Sep 2022 21:01

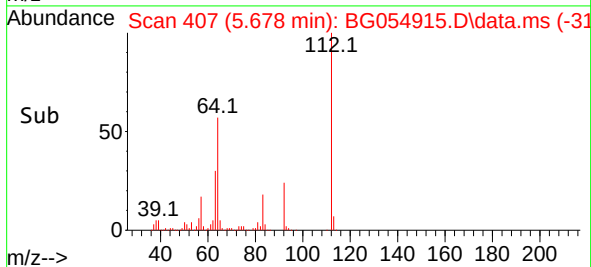
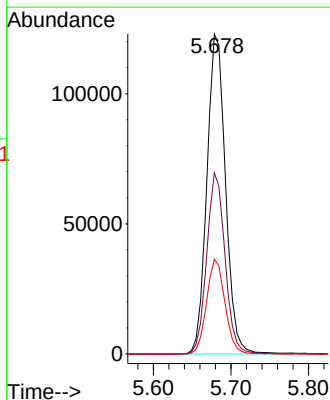
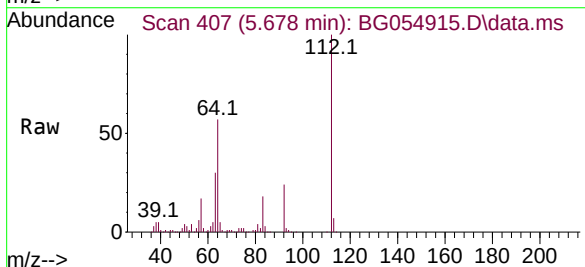
Instrument :
BNA_G
ClientSampleId :
PSC-164718

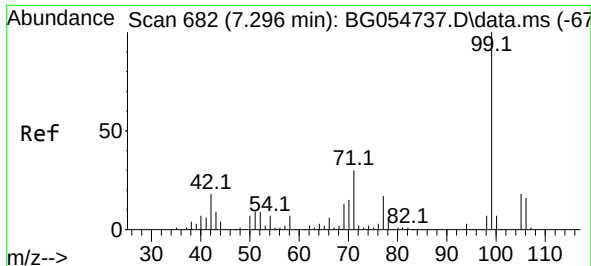
Tgt Ion:152 Resp: 37831
Ion Ratio Lower Upper
152 100
150 154.1 125.2 187.8
115 56.2 47.9 71.9



#5
2-Fluorophenol
Concen: 94.472 ng
RT: 5.678 min Scan# 407
Delta R.T. -0.006 min
Lab File: BG054915.D
Acq: 12 Sep 2022 21:01

Tgt Ion:112 Resp: 205239
Ion Ratio Lower Upper
112 100
64 56.5 49.3 73.9
63 29.6 26.3 39.5

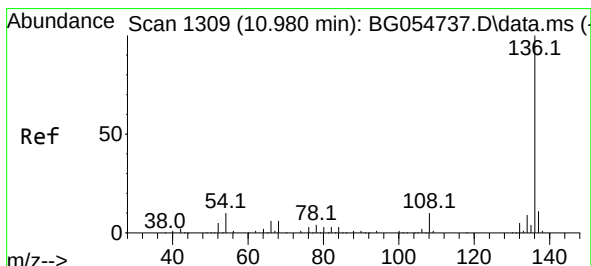
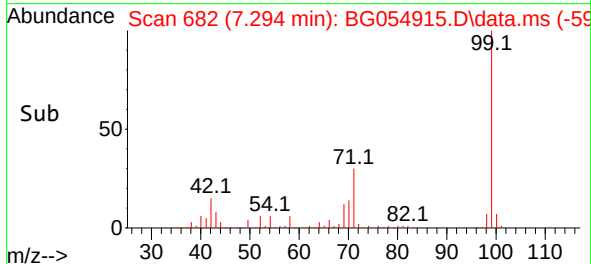
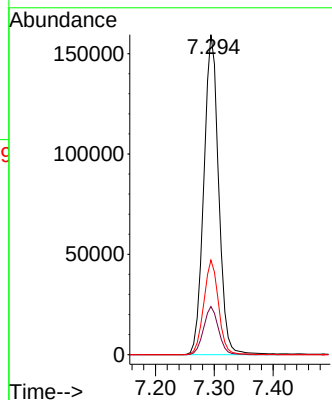
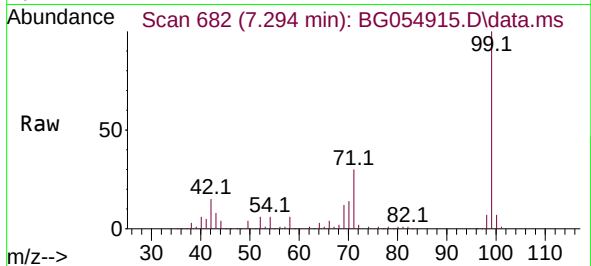




#7
Phenol-d6
Concen: 93.878 ng
RT: 7.294 min Scan# 682
Delta R.T. -0.006 min
Lab File: BG054915.D
Acq: 12 Sep 2022 21:01

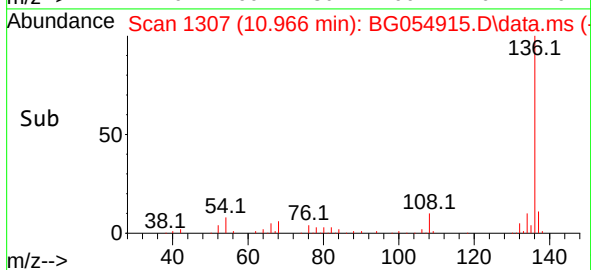
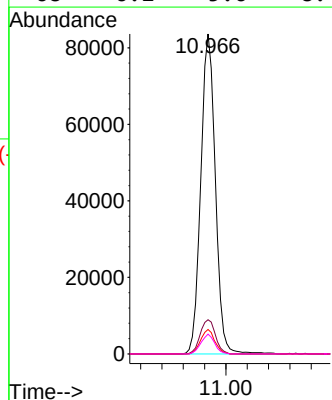
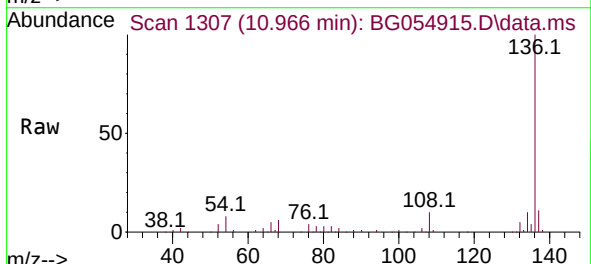
Instrument :
BNA_G
ClientSampleId :
PSC-164718

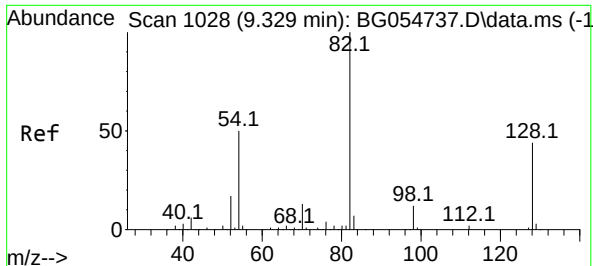
Tgt Ion: 99 Resp: 278918
Ion Ratio Lower Upper
99 100
42 15.0 14.6 22.0
71 29.5 24.6 37.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.966 min Scan# 1307
Delta R.T. -0.006 min
Lab File: BG054915.D
Acq: 12 Sep 2022 21:01

Tgt Ion: 136 Resp: 158405
Ion Ratio Lower Upper
136 100
137 10.7 9.2 13.8
54 7.6 7.7 11.5#
68 6.2 5.6 8.4





#23

Nitrobenzene-d5

Concen: 54.433 ng

RT: 9.315 min Scan# 1026

Delta R.T. -0.006 min

Lab File: BG054915.D

Acq: 12 Sep 2022 21:01

Instrument :

BNA_G

ClientSampleId :

PSC-164718

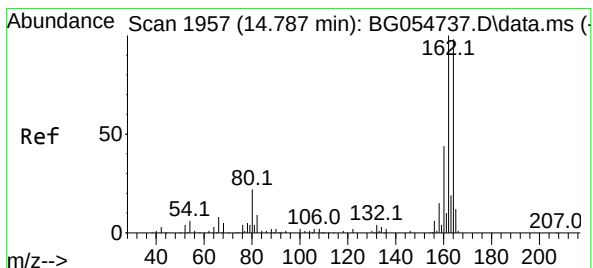
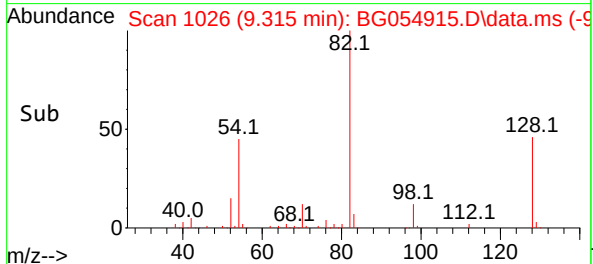
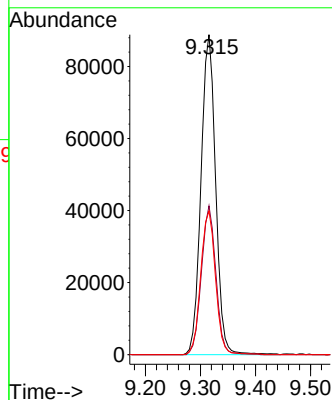
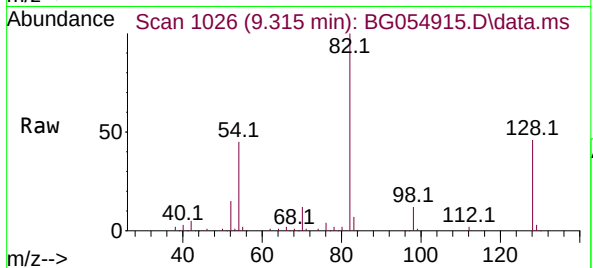
Tgt Ion: 82 Resp: 164247

Ion Ratio Lower Upper

82 100

128 46.5 32.2 48.2

54 44.9 41.4 62.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.774 min Scan# 1955

Delta R.T. -0.006 min

Lab File: BG054915.D

Acq: 12 Sep 2022 21:01

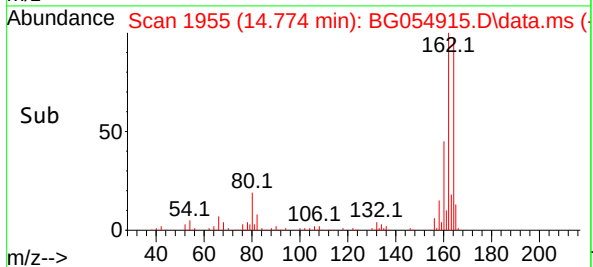
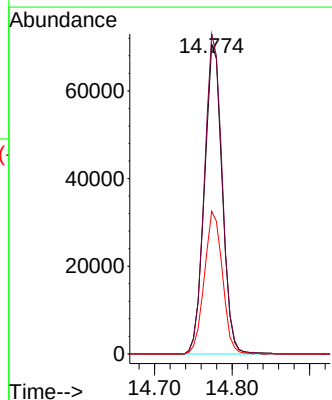
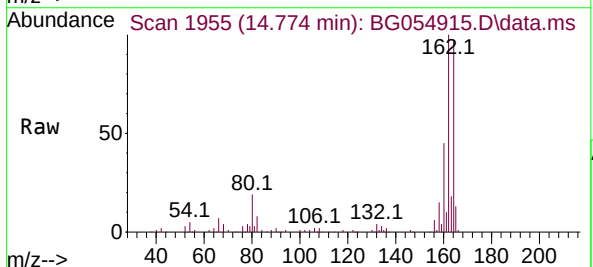
Tgt Ion:164 Resp: 112183

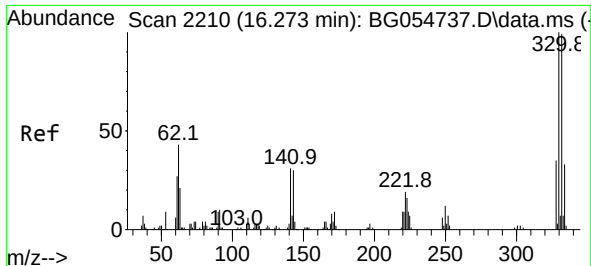
Ion Ratio Lower Upper

164 100

162 103.3 83.0 124.4

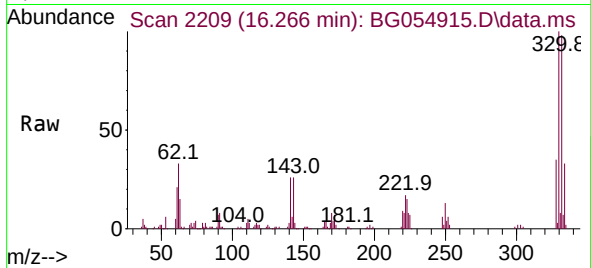
160 46.1 38.0 57.0



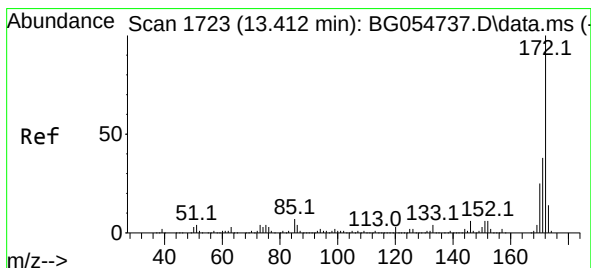
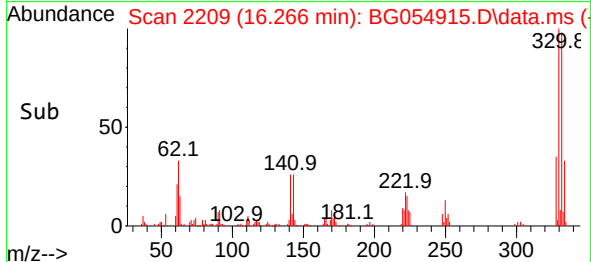
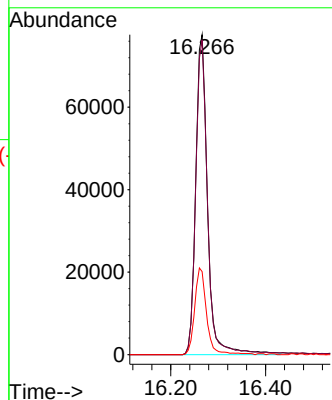


#42
2,4,6-Tribromophenol
Concen: 96.079 ng
RT: 16.266 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG054915.D
Acq: 12 Sep 2022 21:01

Instrument :
BNA_G
ClientSampleId :
PSC-164718

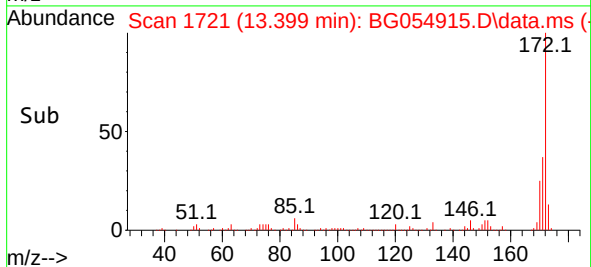
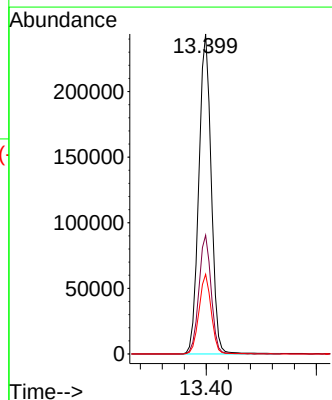
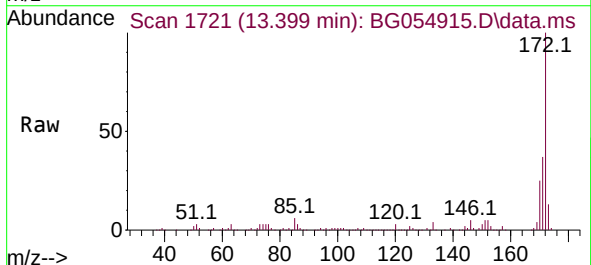


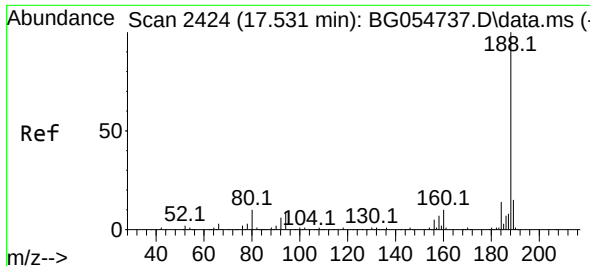
Tgt Ion:330 Resp: 134683
Ion Ratio Lower Upper
330 100
332 98.2 79.8 119.6
141 27.3 26.8 40.2



#45
2-Fluorobiphenyl
Concen: 50.952 ng
RT: 13.399 min Scan# 1721
Delta R.T. -0.006 min
Lab File: BG054915.D
Acq: 12 Sep 2022 21:01

Tgt Ion:172 Resp: 380301
Ion Ratio Lower Upper
172 100
171 37.1 31.2 46.8
170 24.9 20.6 30.8

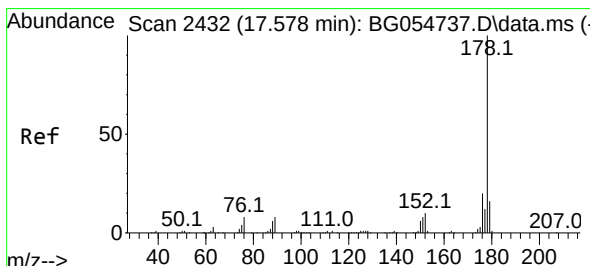
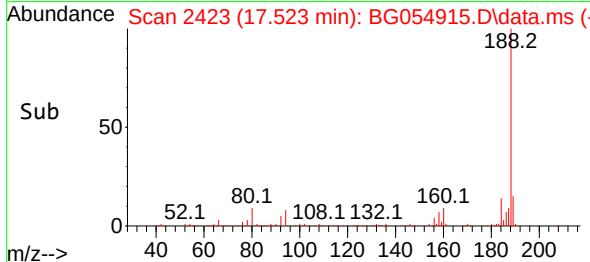
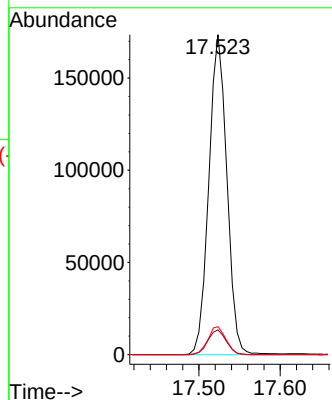
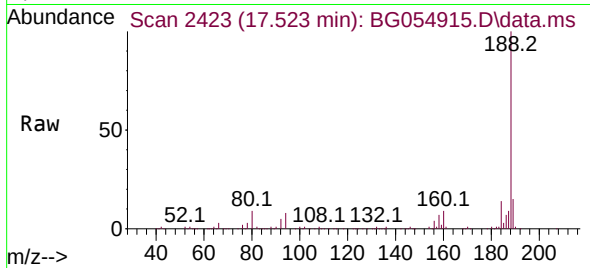




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.523 min Scan# 24
Delta R.T. -0.006 min
Lab File: BG054915.D
Acq: 12 Sep 2022 21:01

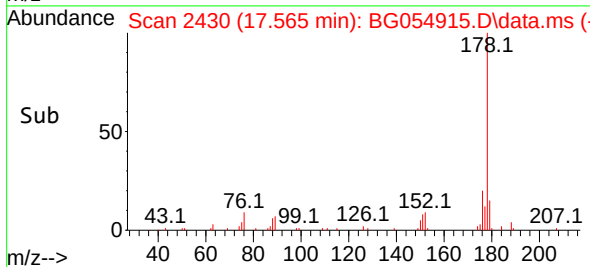
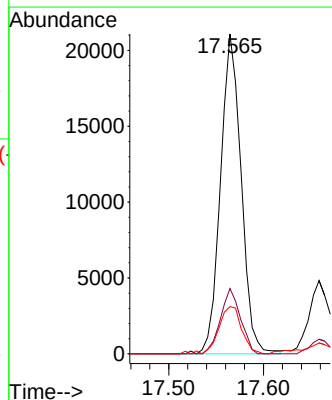
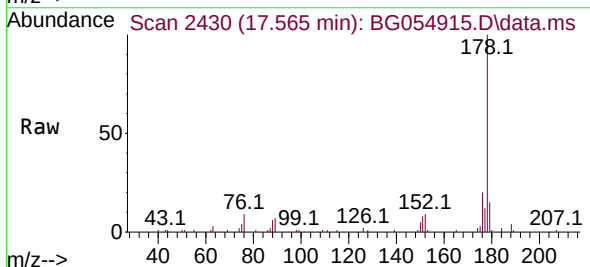
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ClientSampleId :
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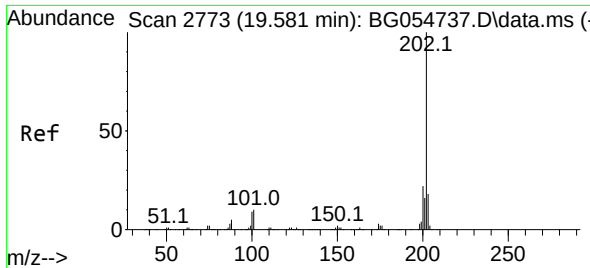
Tgt Ion:188 Resp: 267897
Ion Ratio Lower Upper
188 100
94 7.7 7.0 10.4
80 8.7 7.9 11.9



#71
Phenanthrene
Concen: 2.236 ng
RT: 17.565 min Scan# 2430
Delta R.T. -0.006 min
Lab File: BG054915.D
Acq: 12 Sep 2022 21:01

Tgt Ion:178 Resp: 31908
Ion Ratio Lower Upper
178 100
176 20.4 16.6 25.0
179 14.8 12.8 19.2

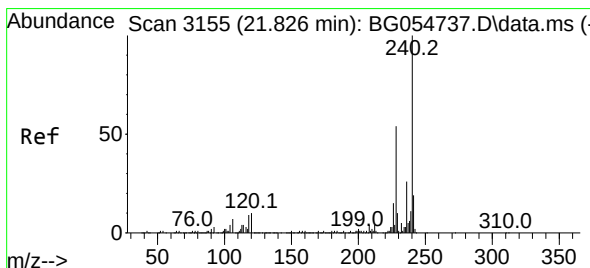
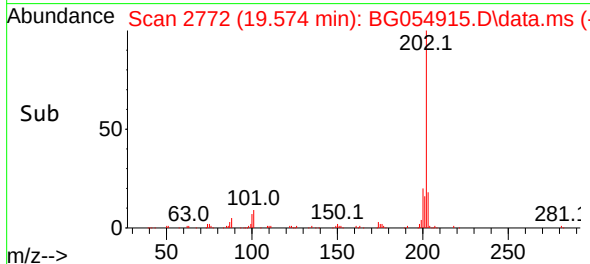
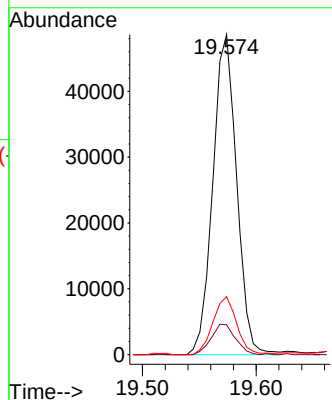
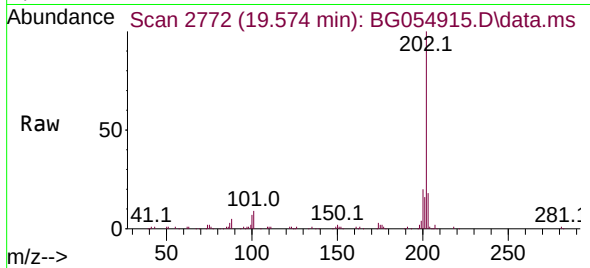




#75
Fluoranthene
Concen: 4.070 ng
RT: 19.574 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG054915.D
Acq: 12 Sep 2022 21:01

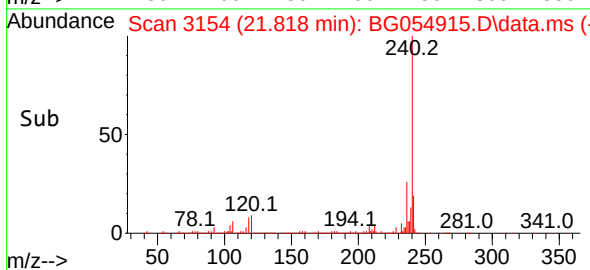
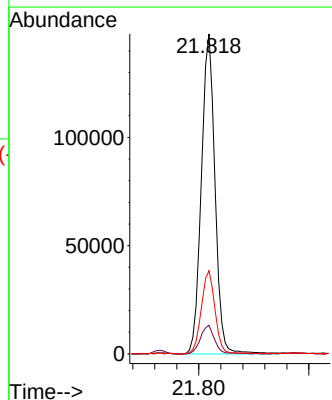
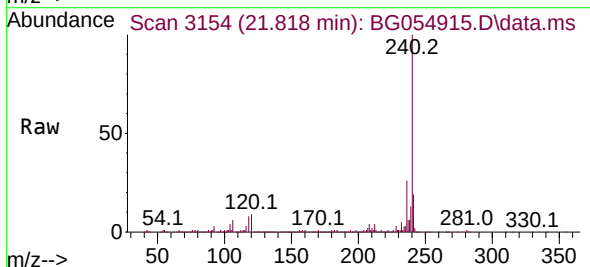
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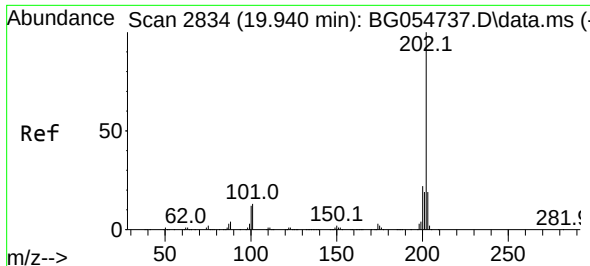
Tgt Ion:202 Resp: 70659
Ion Ratio Lower Upper
202 100
101 9.4 0.0 31.4
203 18.1 0.0 38.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.818 min Scan# 3154
Delta R.T. -0.006 min
Lab File: BG054915.D
Acq: 12 Sep 2022 21:01

Tgt Ion:240 Resp: 254367
Ion Ratio Lower Upper
240 100
120 9.0 8.2 12.4
236 26.0 21.2 31.8

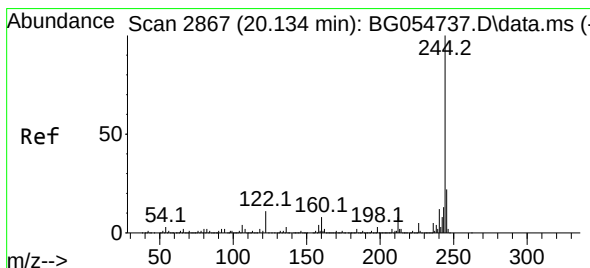
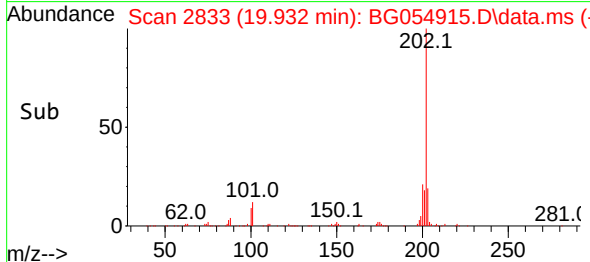
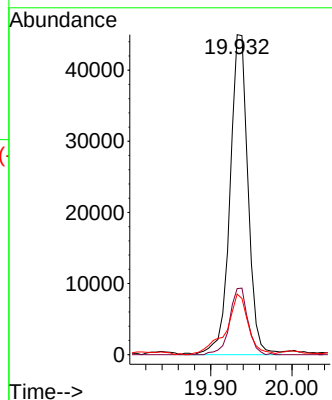
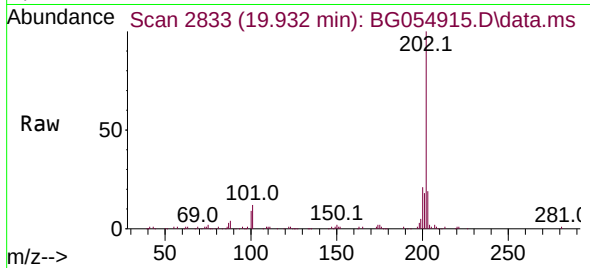




#78
 Pyrene
 Concen: 3.912 ng
 RT: 19.932 min Scan# 2833
 Delta R.T. -0.006 min
 Lab File: BG054915.D
 Acq: 12 Sep 2022 21:01

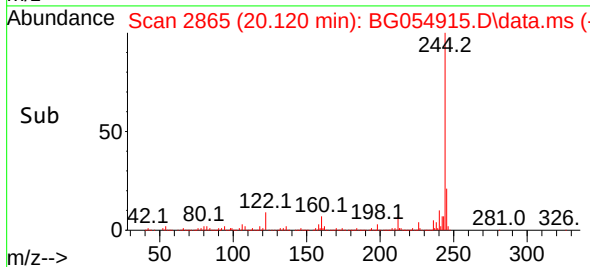
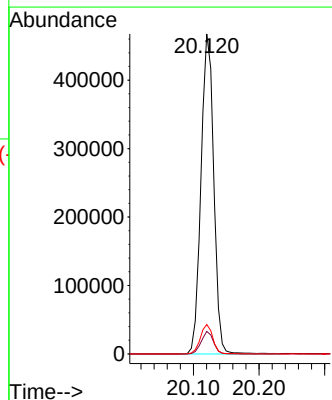
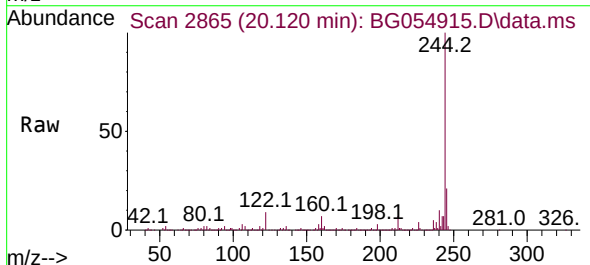
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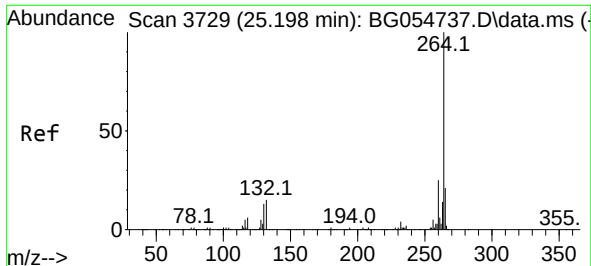
Tgt Ion:202 Resp: 69381
 Ion Ratio Lower Upper
 202 100
 200 20.6 17.8 26.6
 203 18.9 14.6 21.8



#79
 Terphenyl-d14
 Concen: 48.834 ng
 RT: 20.120 min Scan# 2865
 Delta R.T. -0.006 min
 Lab File: BG054915.D
 Acq: 12 Sep 2022 21:01

Tgt Ion:244 Resp: 626927
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.2 9.2
 122 9.2 9.0 13.6

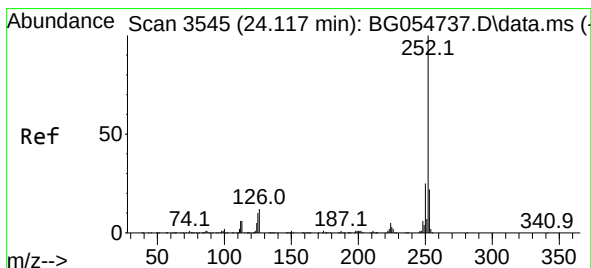
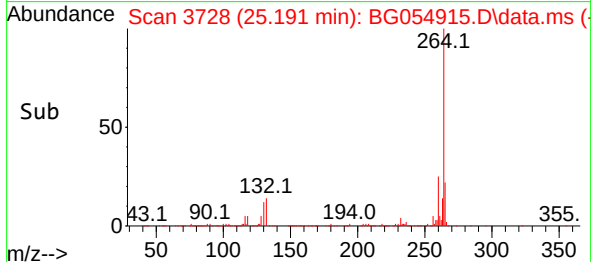
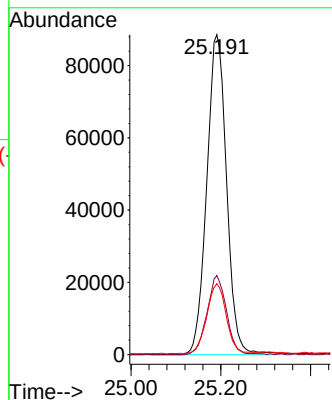
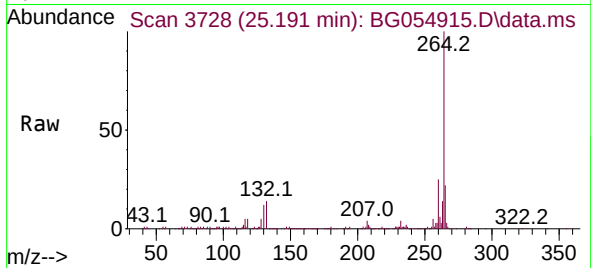




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.191 min Scan# 31
 Delta R.T. -0.012 min
 Lab File: BG054915.D
 Acq: 12 Sep 2022 21:01

Instrument :
 BNA_G
 ClientSampleId :
 PSC-164718

Tgt Ion:264 Resp: 271427
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.9 29.9
 265 22.2 16.9 25.3



#88
 Benzo(b)fluoranthene
 Concen: 2.201 ng
 RT: 24.110 min Scan# 3544
 Delta R.T. -0.012 min
 Lab File: BG054915.D
 Acq: 12 Sep 2022 21:01

Tgt Ion:252 Resp: 37483
 Ion Ratio Lower Upper
 252 100
 253 23.4 18.0 27.0
 125 10.7 8.1 12.1

