

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080122\
 Data File : BG054468.D
 Acq On : 1 Aug 2022 17:21
 Operator : CG/JU
 Sample : N3894-19
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RVE-38

Quant Time: Aug 02 05:46:12 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 28 04:30:50 2022
 Response via : Initial Calibration

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

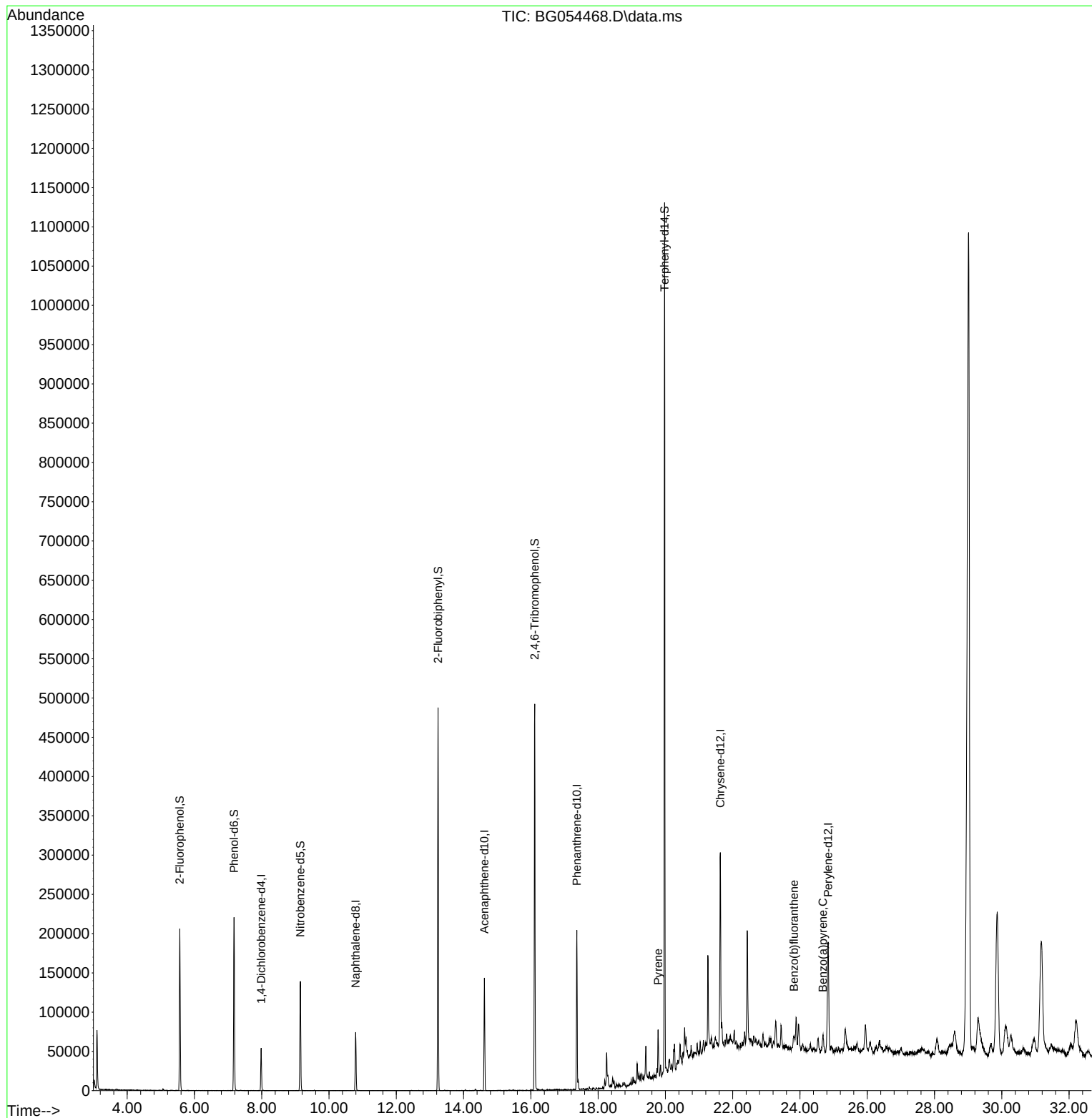
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.984	152	17323	20.000	ng	0.00
21) Naphthalene-d8	10.792	136	67694	20.000	ng	# 0.00
39) Acenaphthene-d10	14.617	164	56096	20.000	ng	0.00
64) Phenanthrene-d10	17.367	188	142050	20.000	ng	# 0.00
76) Chrysene-d12	21.633	240	157580	20.000	ng	# 0.00
86) Perylene-d12	24.835	264	167867	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	93258	112.401	ng	0.00
7) Phenol-d6	7.173	99	129601	113.997	ng	0.00
23) Nitrobenzene-d5	9.147	82	86263	69.395	ng	0.00
42) 2,4,6-Tribromophenol	16.115	330	134284	114.012	ng	0.00
45) 2-Fluorobiphenyl	13.242	172	282124	70.948	ng	0.00
79) Terphenyl-d14	19.976	244	600806	75.637	ng	0.00
Target Compounds						
						Qvalue
78) Pyrene	19.782	202	38517	4.260	ng	97
88) Benzo(b)fluoranthene	23.824	252	24149	2.433	ng	# 97
90) Benzo(a)pyrene	24.682	252	20013	2.361	ng	# 94

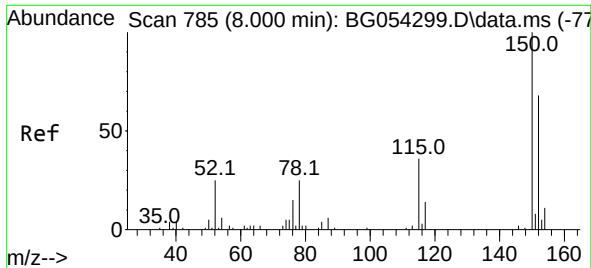
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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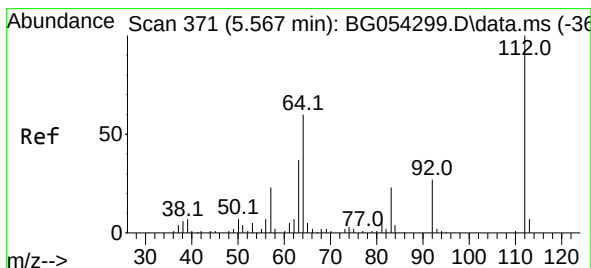
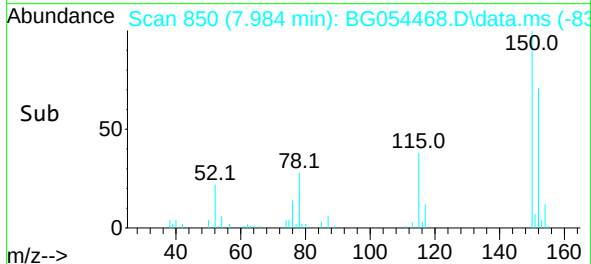
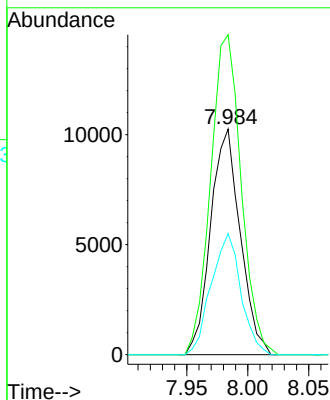
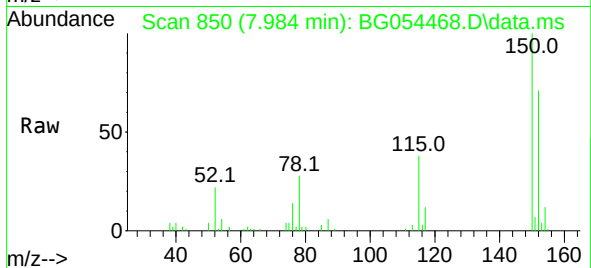




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.984 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG054468.D
Acq: 1 Aug 2022 17:21

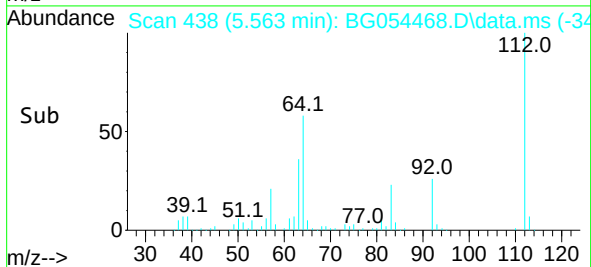
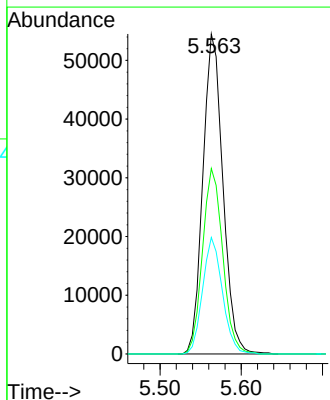
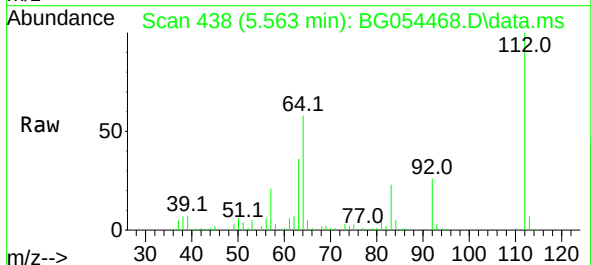
Instrument :
BNA_G
ClientSampleId :
RVE-38

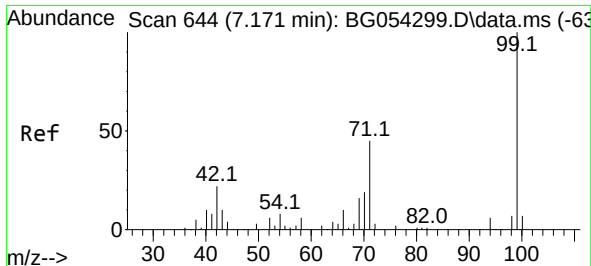
Tgt Ion:152 Resp: 17323
Ion Ratio Lower Upper
152 100
150 141.8 131.6 197.4
115 53.6 50.9 76.3



#5
2-Fluorophenol
Concen: 112.401 ng
RT: 5.563 min Scan# 438
Delta R.T. 0.001 min
Lab File: BG054468.D
Acq: 1 Aug 2022 17:21

Tgt Ion:112 Resp: 93258
Ion Ratio Lower Upper
112 100
64 58.0 55.1 82.7
63 36.4 30.4 45.6

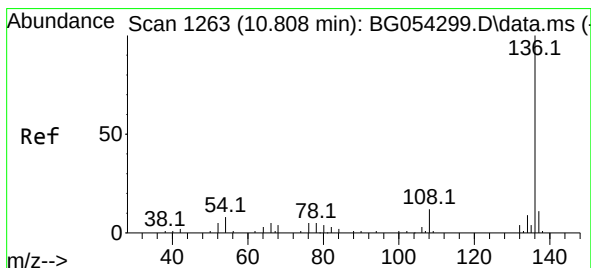
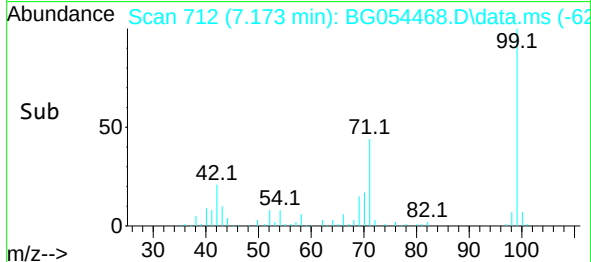
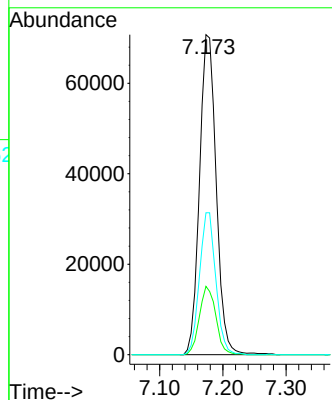
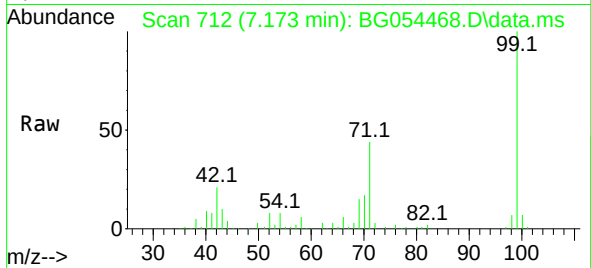




#7
Phenol-d6
Concen: 113.997 ng
RT: 7.173 min Scan# 71
Delta R.T. 0.001 min
Lab File: BG054468.D
Acq: 1 Aug 2022 17:21

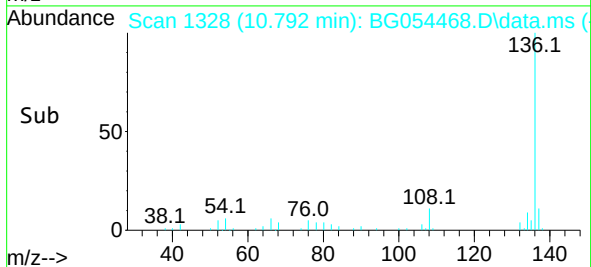
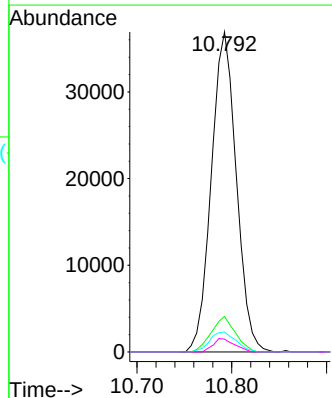
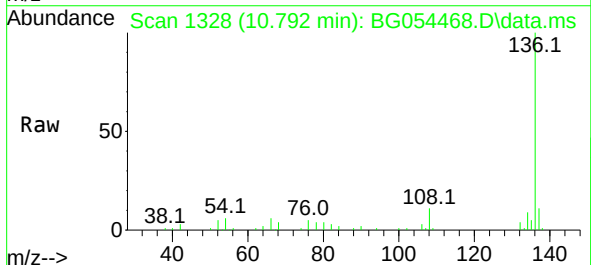
Instrument :
BNA_G
ClientSampleId :
RVE-38

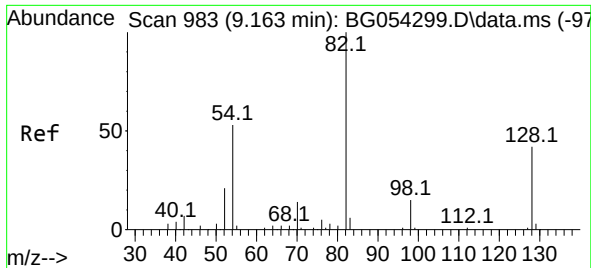
Tgt Ion: 99 Resp: 129601
Ion Ratio Lower Upper
99 100
42 21.3 17.0 25.6
71 44.3 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.792 min Scan# 1328
Delta R.T. -0.005 min
Lab File: BG054468.D
Acq: 1 Aug 2022 17:21

Tgt Ion: 136 Resp: 67694
Ion Ratio Lower Upper
136 100
137 11.1 8.5 12.7
54 6.3 7.4 11.2#
68 4.0 4.9 7.3#

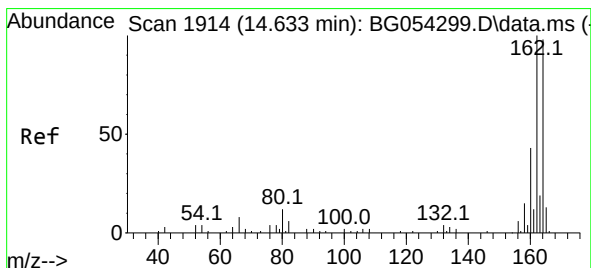
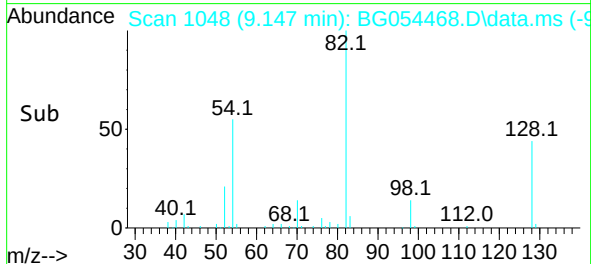
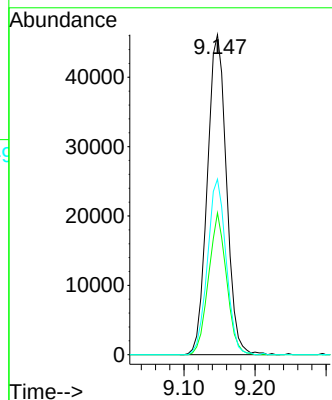
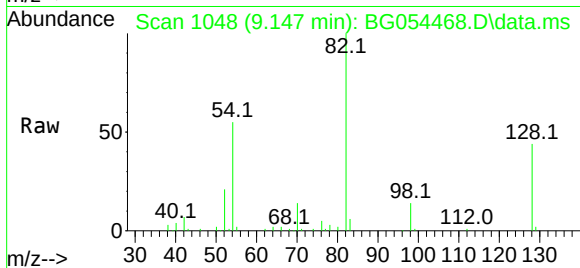




#23
Nitrobenzene-d5
Concen: 69.395 ng
RT: 9.147 min Scan# 1048
Delta R.T. -0.005 min
Lab File: BG054468.D
Acq: 1 Aug 2022 17:21

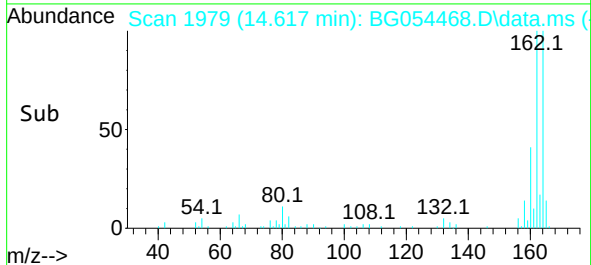
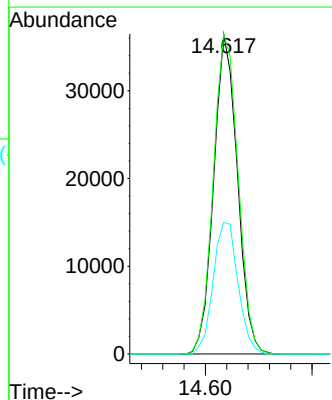
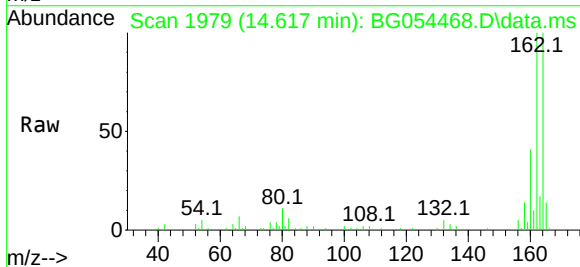
Instrument :
BNA_G
ClientSampleId :
RVE-38

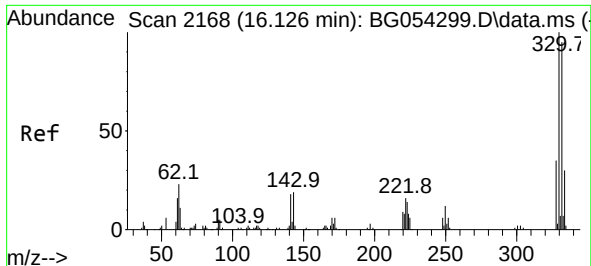
Tgt Ion: 82 Resp: 86263
Ion Ratio Lower Upper
82 100
128 44.3 27.9 41.9#
54 54.9 41.2 61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.617 min Scan# 1979
Delta R.T. -0.005 min
Lab File: BG054468.D
Acq: 1 Aug 2022 17:21

Tgt Ion:164 Resp: 56096
Ion Ratio Lower Upper
164 100
162 100.1 82.3 123.5
160 41.1 34.2 51.2

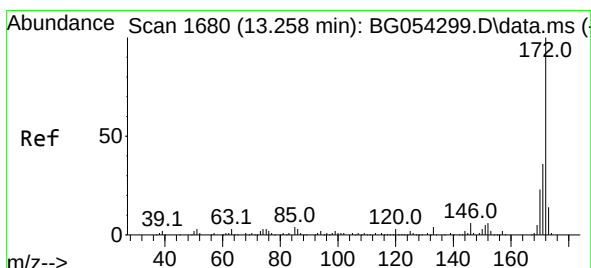
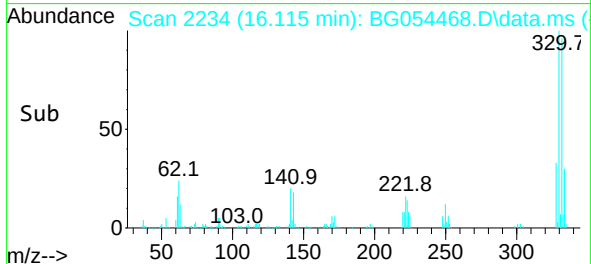
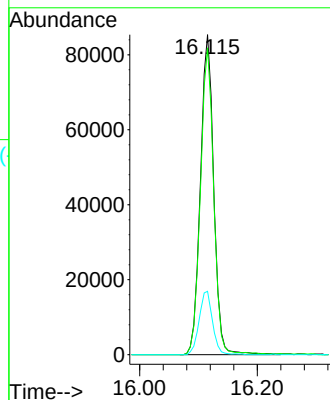
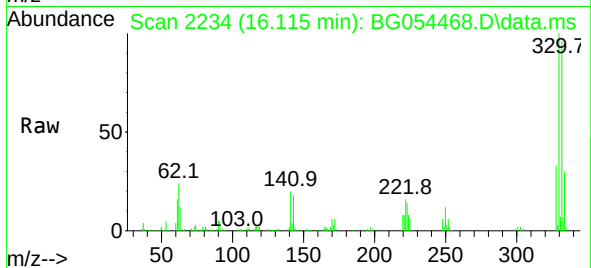




#42
2,4,6-Tribromophenol
Concen: 114.012 ng
RT: 16.115 min Scan# 2168
Delta R.T. 0.001 min
Lab File: BG054468.D
Acq: 1 Aug 2022 17:21

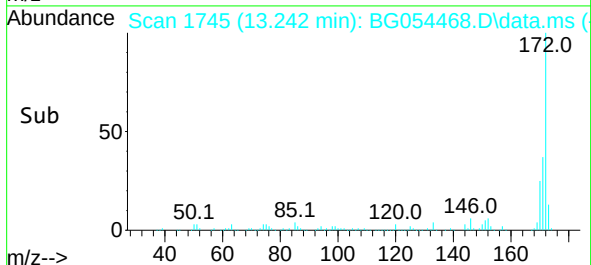
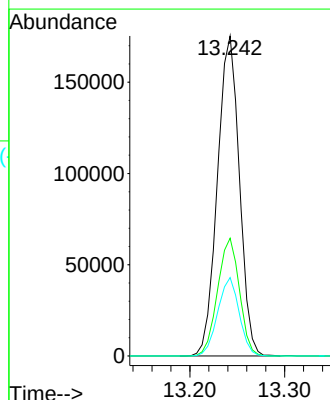
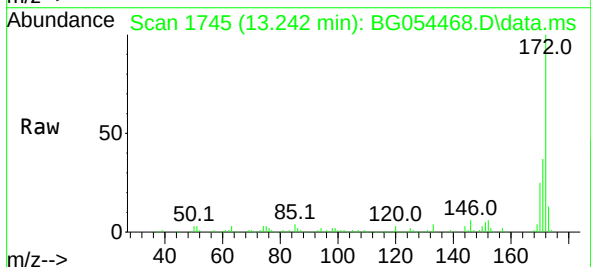
Instrument :
BNA_G
ClientSampleId :
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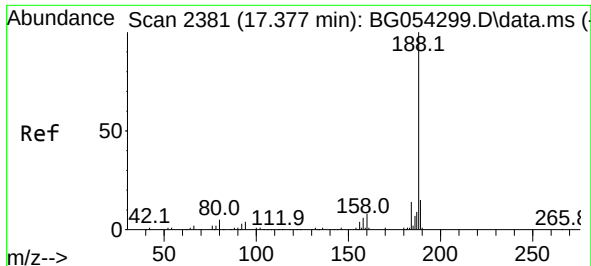
Tgt Ion:330 Resp: 134284
Ion Ratio Lower Upper
330 100
332 95.7 76.0 114.0
141 19.9 27.1 40.7#



#45
2-Fluorobiphenyl
Concen: 70.948 ng
RT: 13.242 min Scan# 1745
Delta R.T. -0.005 min
Lab File: BG054468.D
Acq: 1 Aug 2022 17:21

Tgt Ion:172 Resp: 282124
Ion Ratio Lower Upper
172 100
171 36.8 28.5 42.7
170 24.5 18.9 28.3

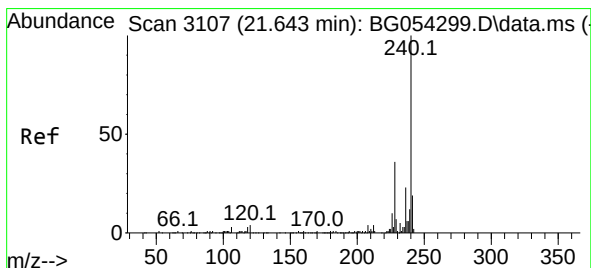
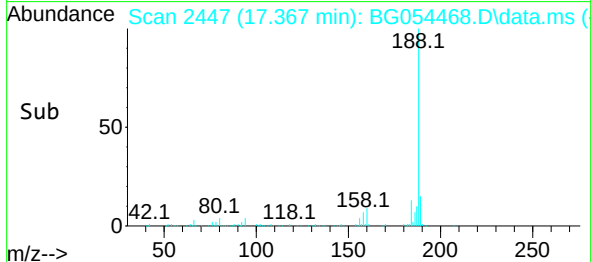
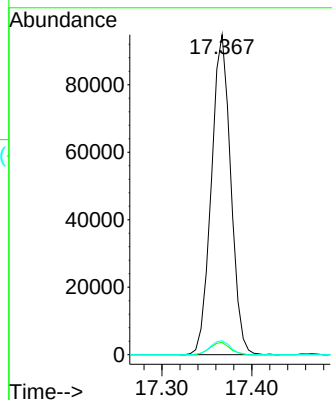
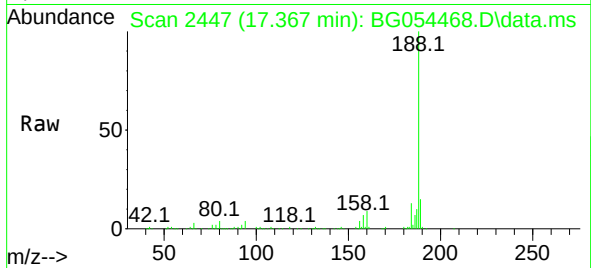




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.367 min Scan# 24
Delta R.T. -0.005 min
Lab File: BG054468.D
Acq: 1 Aug 2022 17:21

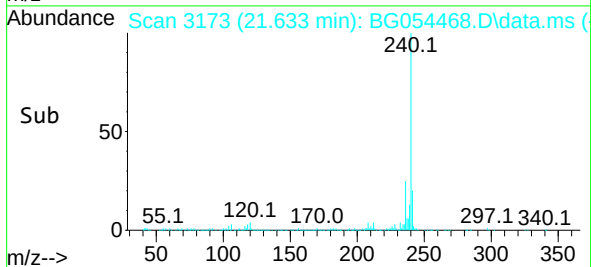
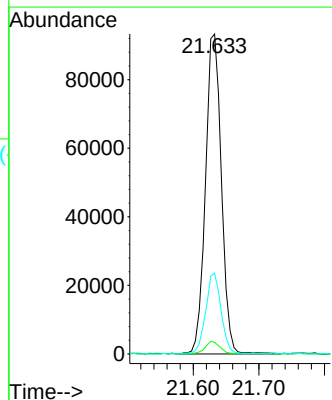
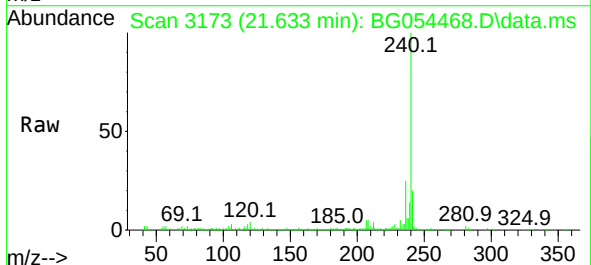
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ClientSampleId :
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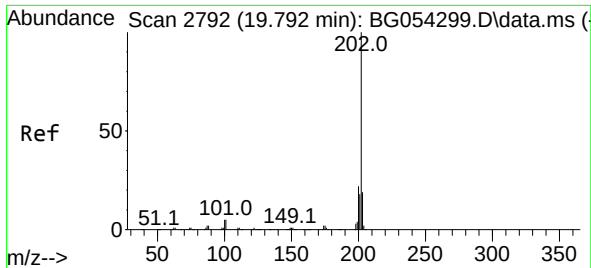
Tgt Ion:188 Resp: 142050
Ion Ratio Lower Upper
188 100
94 3.8 5.4 8.0#
80 4.4 6.8 10.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.633 min Scan# 3173
Delta R.T. -0.005 min
Lab File: BG054468.D
Acq: 1 Aug 2022 17:21

Tgt Ion:240 Resp: 157580
Ion Ratio Lower Upper
240 100
120 3.7 4.6 7.0#
236 25.2 20.2 30.4

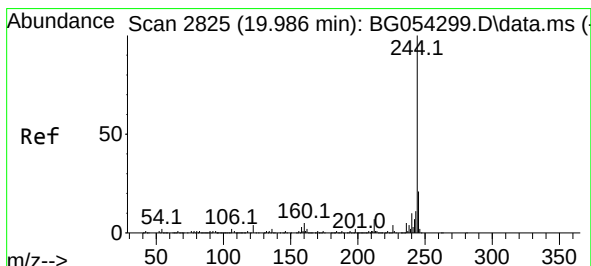
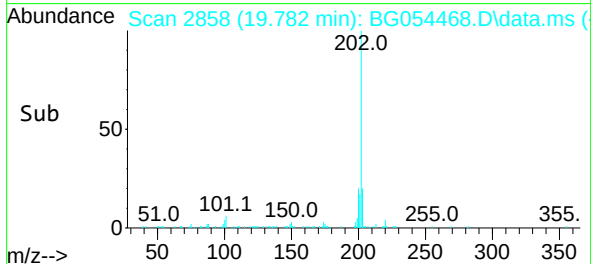
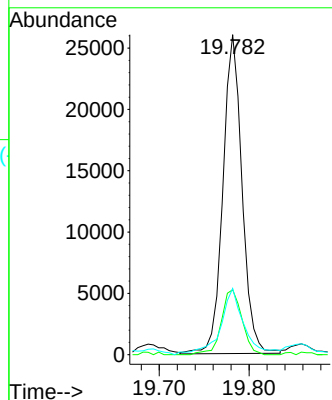
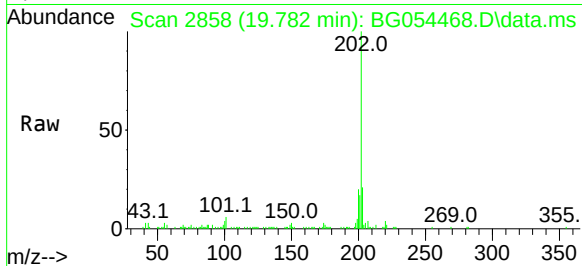




#78
 Pyrene
 Concen: 4.260 ng
 RT: 19.782 min Scan# 2858
 Delta R.T. -0.005 min
 Lab File: BG054468.D
 Acq: 1 Aug 2022 17:21

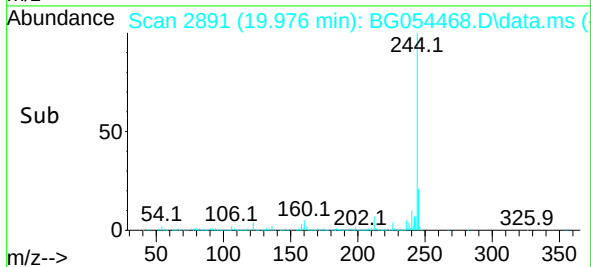
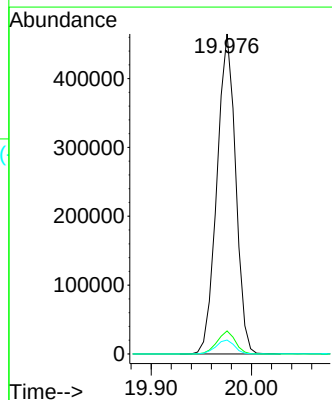
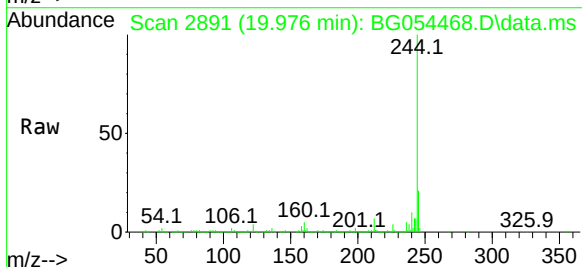
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 RVE-38

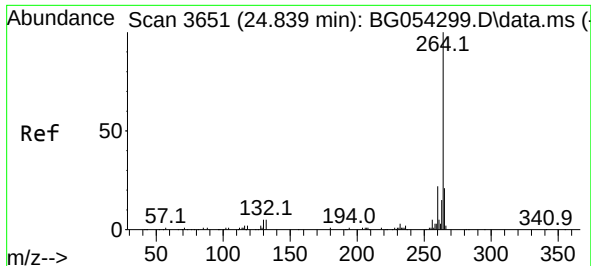
Tgt Ion:202 Resp: 38517
 Ion Ratio Lower Upper
 202 100
 200 20.3 16.6 24.8
 203 20.7 14.6 21.8



#79
 Terphenyl-d14
 Concen: 75.637 ng
 RT: 19.976 min Scan# 2891
 Delta R.T. -0.005 min
 Lab File: BG054468.D
 Acq: 1 Aug 2022 17:21

Tgt Ion:244 Resp: 600806
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.5 9.7
 122 4.3 5.0 7.4#

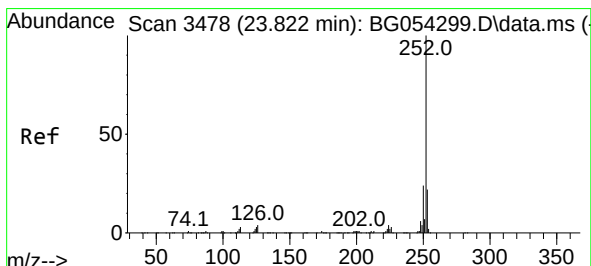
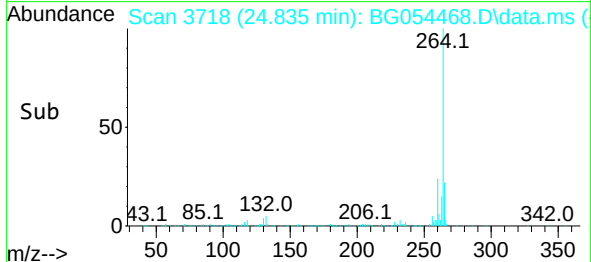
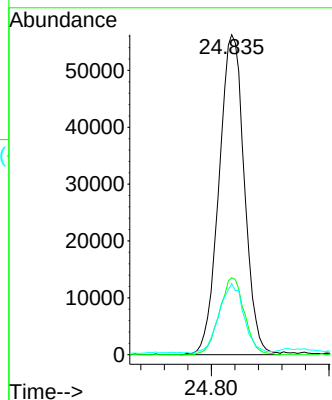
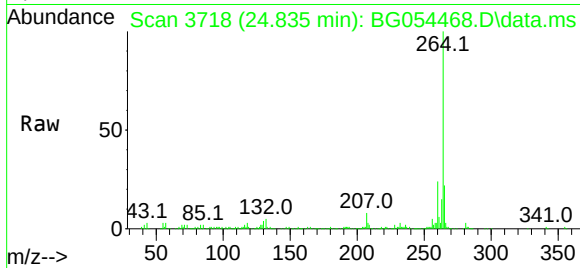




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.835 min Scan# 31
 Delta R.T. 0.001 min
 Lab File: BG054468.D
 Acq: 1 Aug 2022 17:21

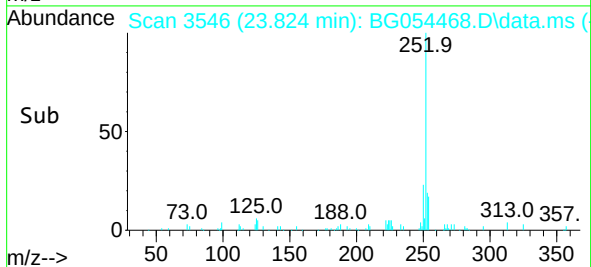
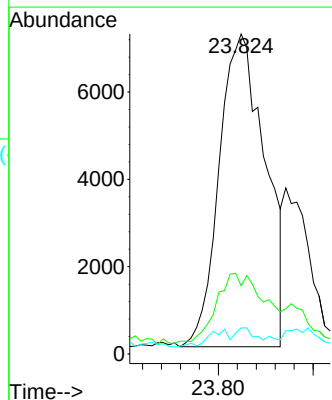
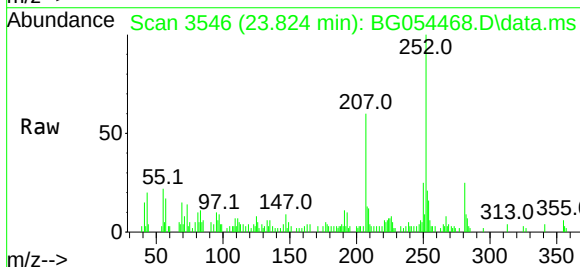
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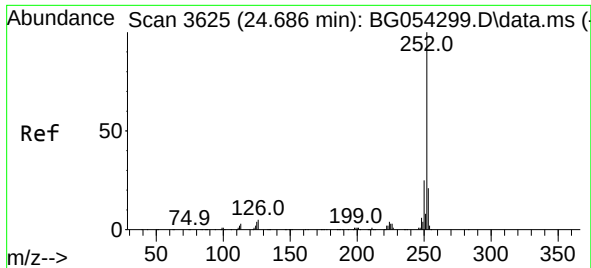
Tgt Ion:264 Resp: 167867
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.0 28.6
 265 22.2 17.4 26.2



#88
 Benzo(b)fluoranthene
 Concen: 2.433 ng
 RT: 23.824 min Scan# 3546
 Delta R.T. 0.001 min
 Lab File: BG054468.D
 Acq: 1 Aug 2022 17:21

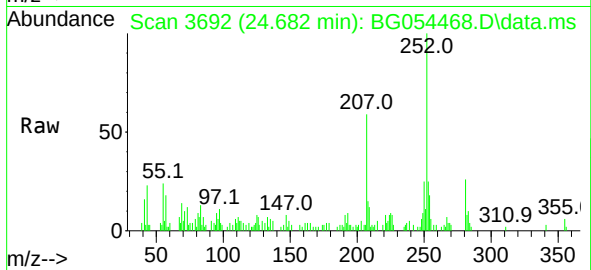
Tgt Ion:252 Resp: 24149
 Ion Ratio Lower Upper
 252 100
 253 21.3 18.0 27.0
 125 8.2 4.6 6.8#





#90
 Benzo(a)pyrene
 Concen: 2.361 ng
 RT: 24.682 min Scan# 30
 Delta R.T. -0.005 min
 Lab File: BG054468.D
 Acq: 1 Aug 2022 17:21

Instrument :
 BNA_G
 ClientSampleId :
 RVE-38



Tgt Ion:252 Resp: 20013
 Ion Ratio Lower Upper
 252 100
 253 24.7 17.8 26.8
 125 8.1 4.3 6.5#

