

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080322\
 Data File : BG054508.D
 Acq On : 3 Aug 2022 20:56
 Operator : CG/JU
 Sample : N3927-10
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RVE-83

Quant Time: Aug 04 00:44:46 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)

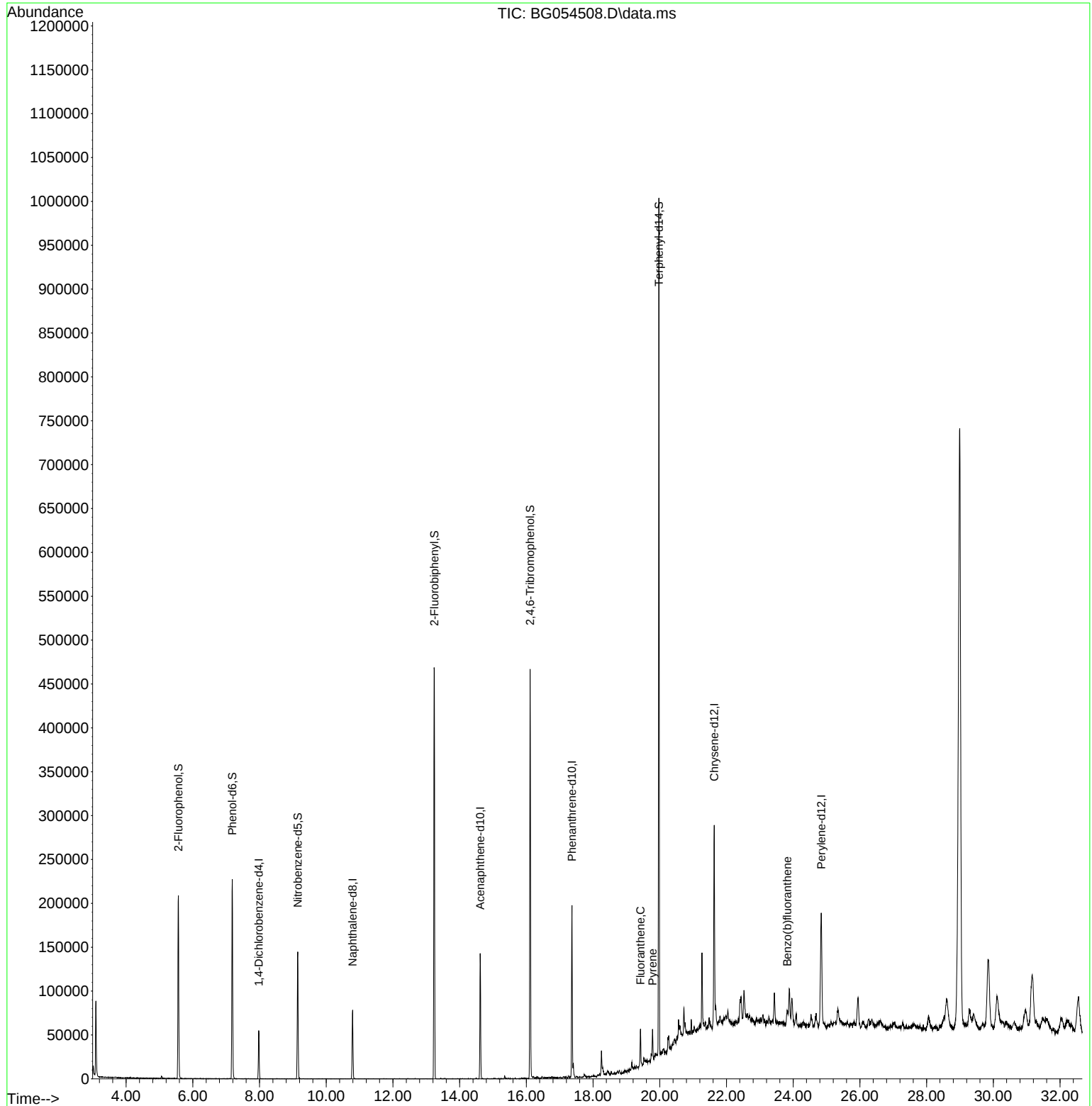
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.977	152	16869	20.000	ng	-0.01
21) Naphthalene-d8	10.791	136	71261	20.000	ng	# 0.00
39) Acenaphthene-d10	14.616	164	56562	20.000	ng	0.00
64) Phenanthrene-d10	17.366	188	136331	20.000	ng	# 0.00
76) Chrysene-d12	21.631	240	148410	20.000	ng	# 0.00
86) Perylene-d12	24.839	264	155429	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.568	112	95326	117.985	ng	0.00
7) Phenol-d6	7.184	99	131777	119.030	ng	0.01
23) Nitrobenzene-d5	9.146	82	89991	68.770	ng	0.00
42) 2,4,6-Tribromophenol	16.114	330	124321	104.683	ng	0.00
45) 2-Fluorobiphenyl	13.241	172	284476	70.950	ng	0.00
79) Terphenyl-d14	19.974	244	544284	72.755	ng	0.00
Target Compounds						
75) Fluoranthene	19.422	202	26818	2.898	ng	Qvalue 91
78) Pyrene	19.781	202	26653	3.130	ng	98
88) Benzo(b)fluoranthene	23.823	252	21658	2.356	ng	# 87

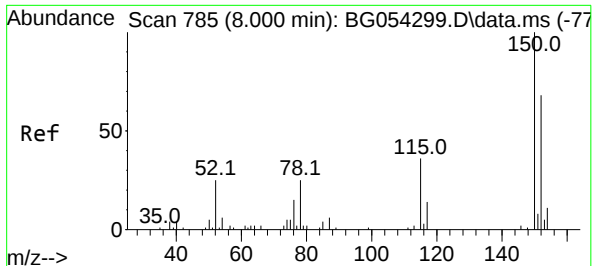
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080322\
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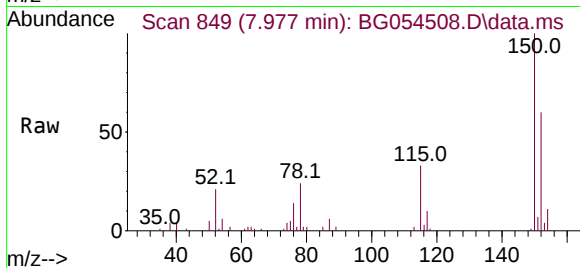
Quant Time: Aug 04 00:44:46 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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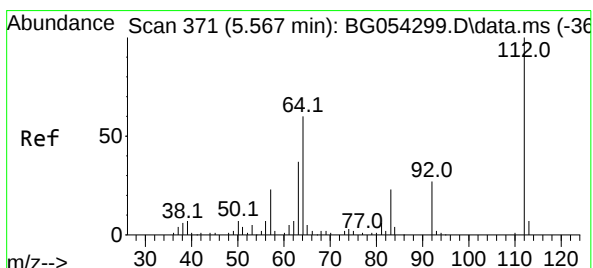
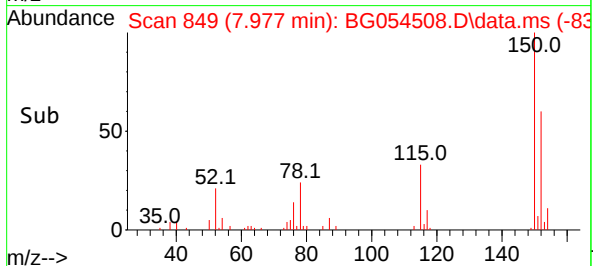
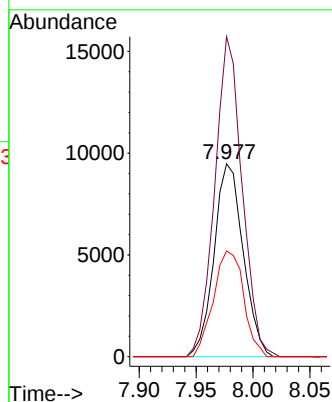


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.977 min Scan# 84
Delta R.T. -0.011 min
Lab File: BG054508.D
Acq: 3 Aug 2022 20:56

Instrument :
BNA_G
ClientSampleId :
RVE-83

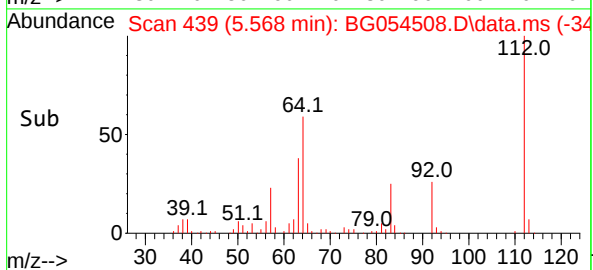
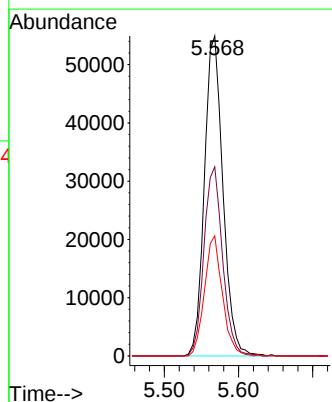
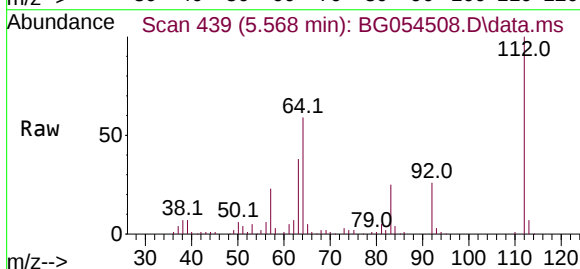


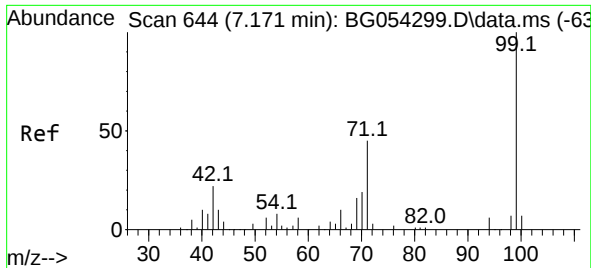
Tgt Ion:152 Resp: 16869
Ion Ratio Lower Upper
152 100
150 165.9 131.6 197.4
115 54.8 50.9 76.3



#5
2-Fluorophenol
Concen: 117.985 ng
RT: 5.568 min Scan# 439
Delta R.T. 0.006 min
Lab File: BG054508.D
Acq: 3 Aug 2022 20:56

Tgt Ion:112 Resp: 95326
Ion Ratio Lower Upper
112 100
64 59.1 55.1 82.7
63 37.6 30.4 45.6

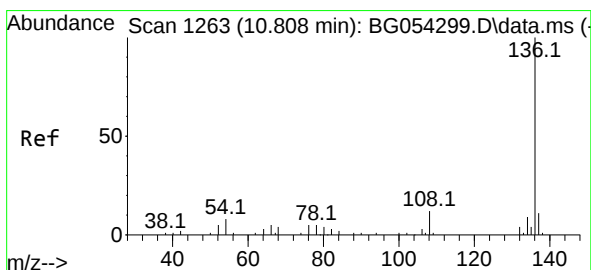
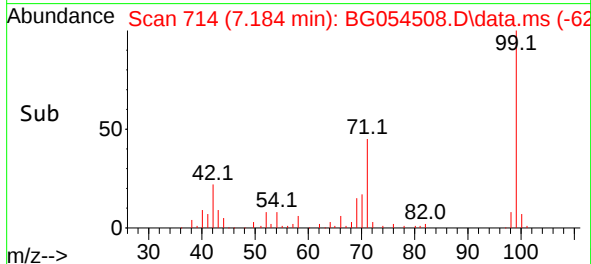
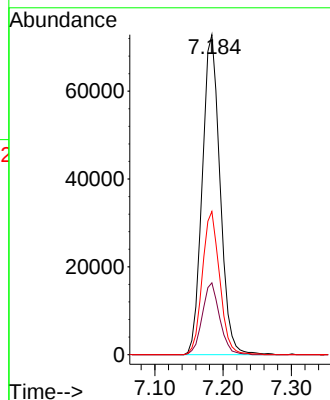
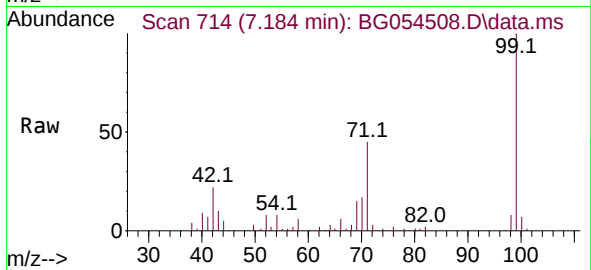




#7
Phenol-d6
Concen: 119.030 ng
RT: 7.184 min Scan# 71
Delta R.T. 0.012 min
Lab File: BG054508.D
Acq: 3 Aug 2022 20:56

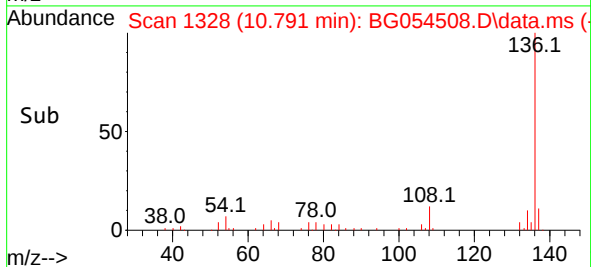
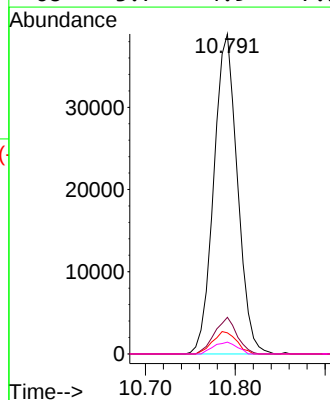
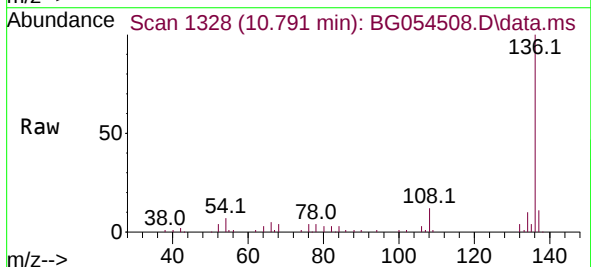
Instrument :
BNA_G
ClientSampleId :
RVE-83

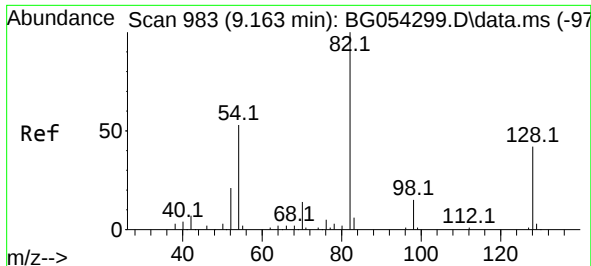
Tgt Ion: 99 Resp: 131777
Ion Ratio Lower Upper
99 100
42 22.4 17.0 25.6
71 44.7 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.791 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BG054508.D
Acq: 3 Aug 2022 20:56

Tgt Ion: 136 Resp: 71261
Ion Ratio Lower Upper
136 100
137 11.4 8.5 12.7
54 6.6 7.4 11.2#
68 3.7 4.9 7.3#

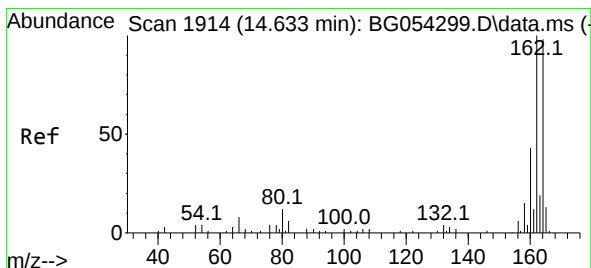
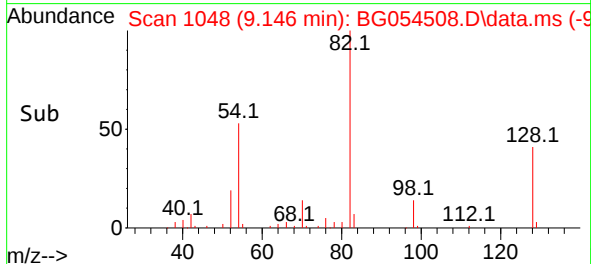
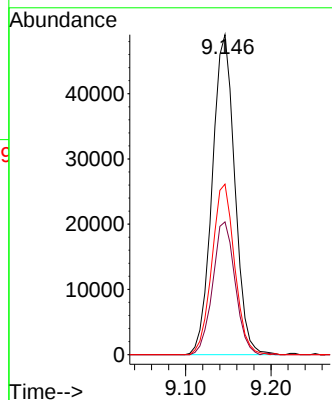
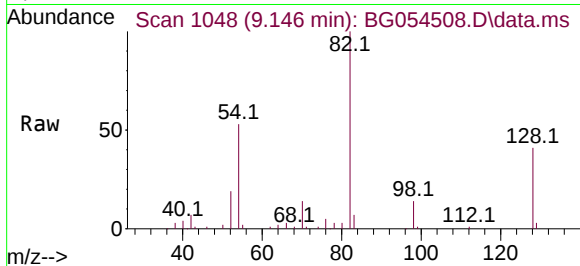




#23
Nitrobenzene-d5
Concen: 68.770 ng
RT: 9.146 min Scan# 10
Delta R.T. -0.006 min
Lab File: BG054508.D
Acq: 3 Aug 2022 20:56

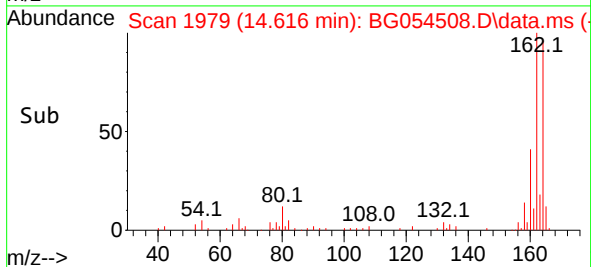
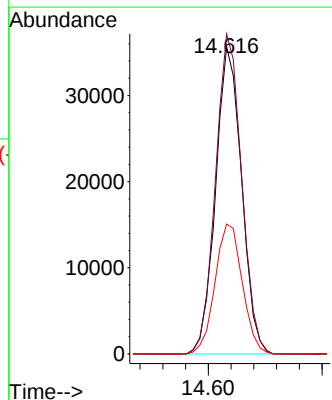
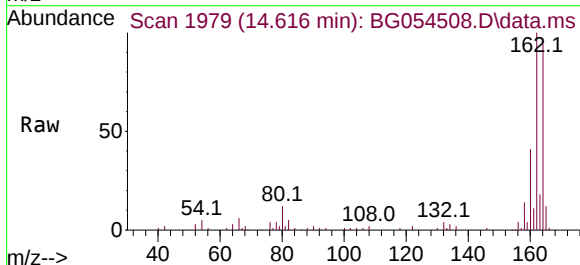
Instrument :
BNA_G
ClientSampleId :
RVE-83

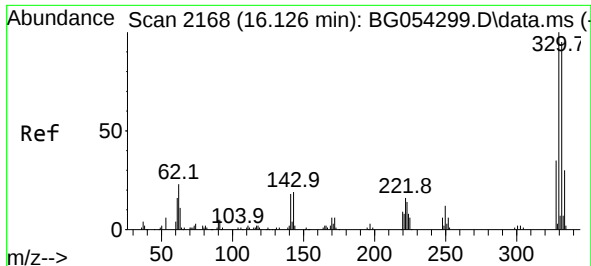
Tgt Ion: 82 Resp: 89991
Ion Ratio Lower Upper
82 100
128 41.5 27.9 41.9
54 53.3 41.2 61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.616 min Scan# 1979
Delta R.T. -0.006 min
Lab File: BG054508.D
Acq: 3 Aug 2022 20:56

Tgt Ion:164 Resp: 56562
Ion Ratio Lower Upper
164 100
162 104.2 82.3 123.5
160 42.3 34.2 51.2

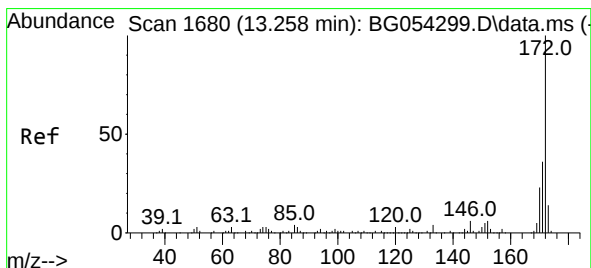
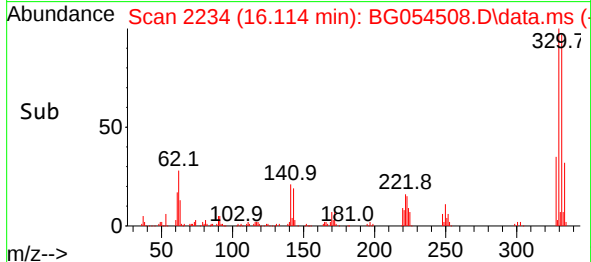
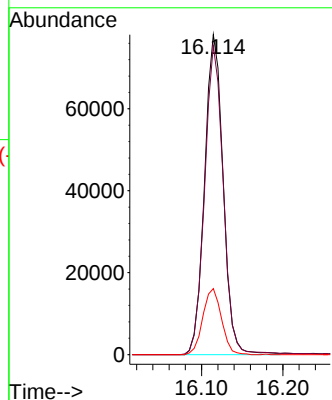
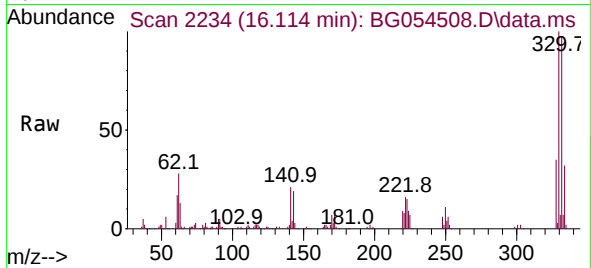




#42
2,4,6-Tribromophenol
Concen: 104.683 ng
RT: 16.114 min Scan# 2168
Delta R.T. 0.000 min
Lab File: BG054508.D
Acq: 3 Aug 2022 20:56

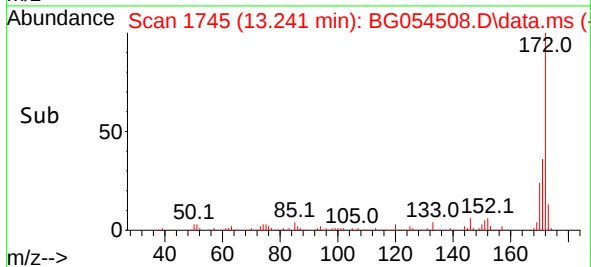
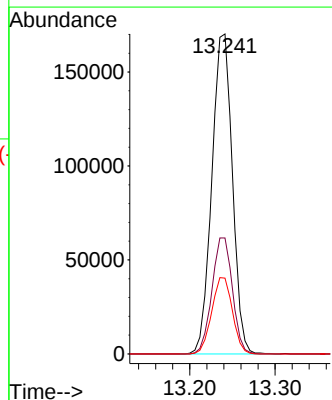
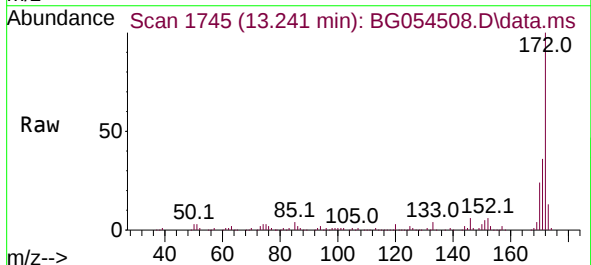
Instrument :
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ClientSampleId :
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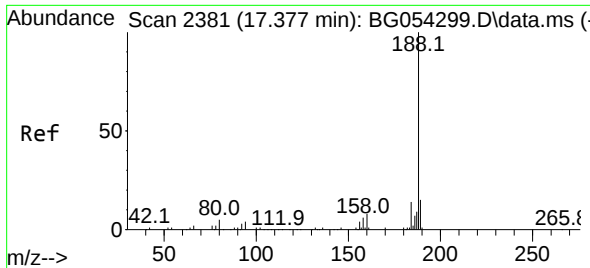
Tgt Ion:330 Resp: 124321
Ion Ratio Lower Upper
330 100
332 97.3 76.0 114.0
141 20.7 27.1 40.7#



#45
2-Fluorobiphenyl
Concen: 70.950 ng
RT: 13.241 min Scan# 1745
Delta R.T. -0.006 min
Lab File: BG054508.D
Acq: 3 Aug 2022 20:56

Tgt Ion:172 Resp: 284476
Ion Ratio Lower Upper
172 100
171 36.2 28.5 42.7
170 23.7 18.9 28.3

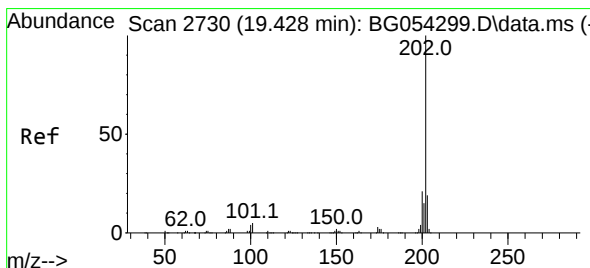
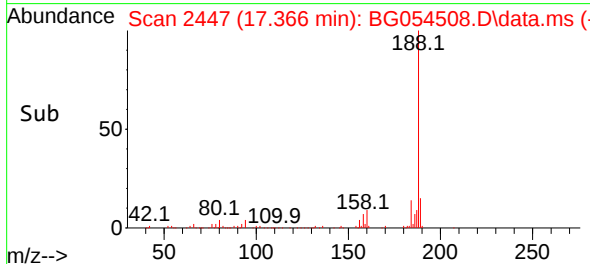
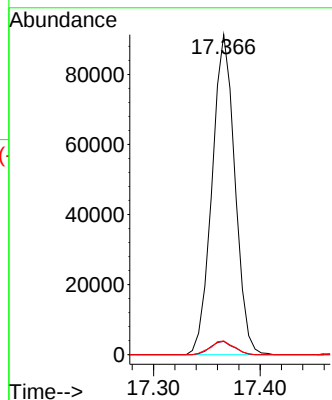
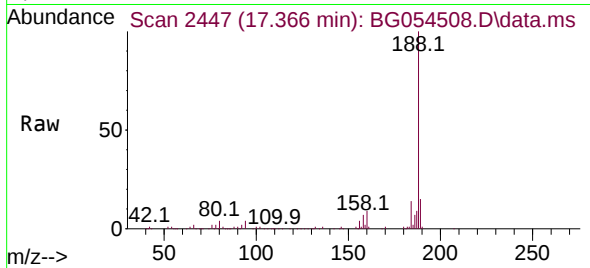




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.366 min Scan# 2447
Delta R.T. -0.006 min
Lab File: BG054508.D
Acq: 3 Aug 2022 20:56

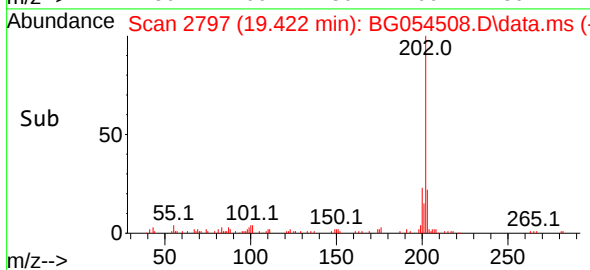
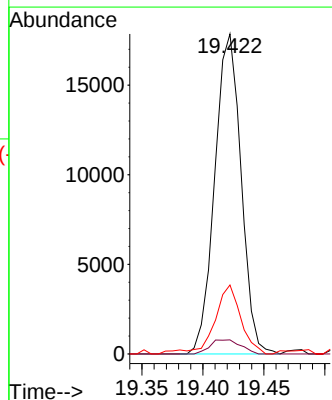
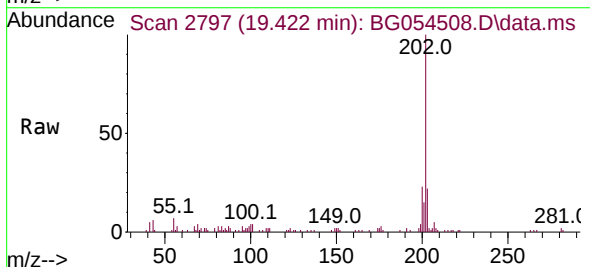
Instrument :
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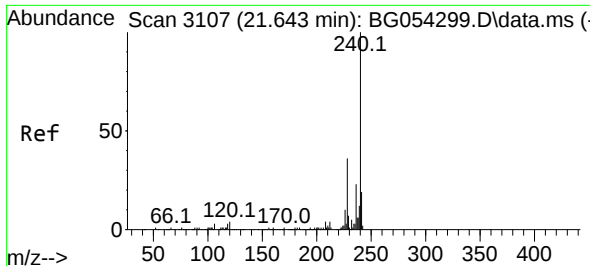
Tgt Ion:188 Resp: 136331
Ion Ratio Lower Upper
188 100
94 4.1 5.4 8.0#
80 4.3 6.8 10.2#



#75
Fluoranthene
Concen: 2.898 ng
RT: 19.422 min Scan# 2797
Delta R.T. 0.000 min
Lab File: BG054508.D
Acq: 3 Aug 2022 20:56

Tgt Ion:202 Resp: 26818
Ion Ratio Lower Upper
202 100
101 4.4 0.0 26.9
203 21.5 0.0 37.2

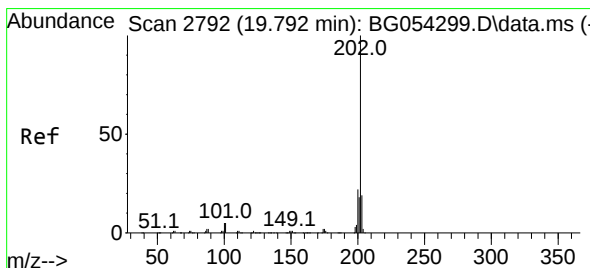
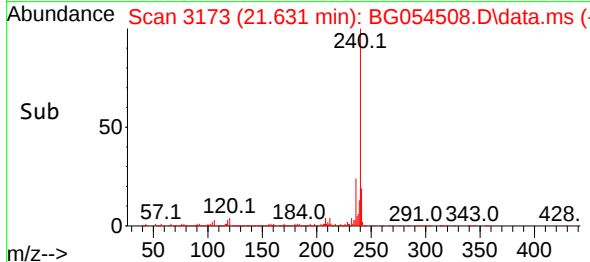
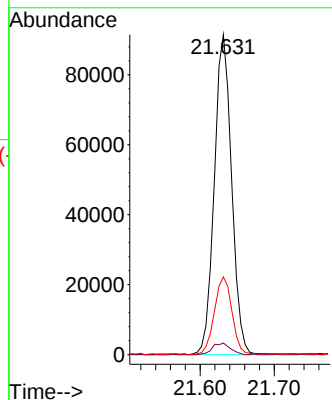
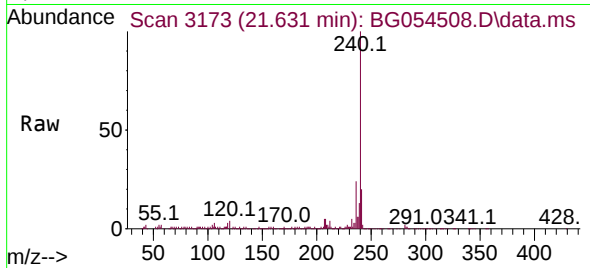




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.631 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG054508.D
Acq: 3 Aug 2022 20:56

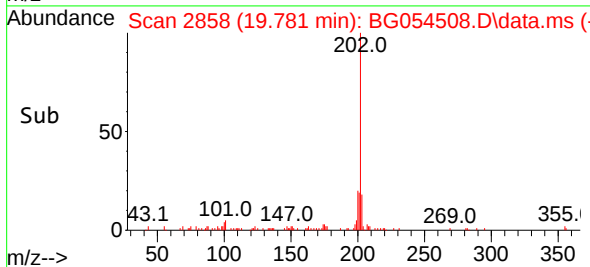
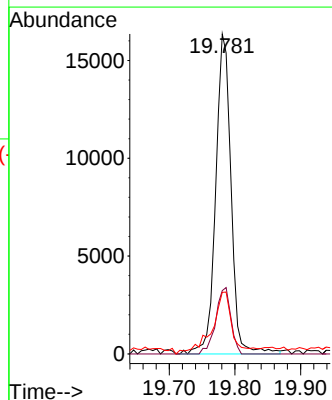
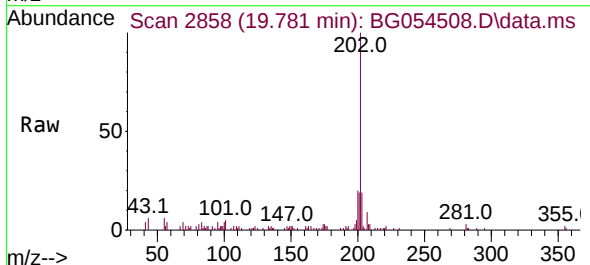
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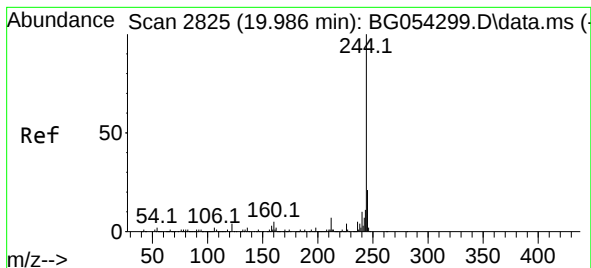
Tgt Ion:240 Resp: 148410
Ion Ratio Lower Upper
240 100
120 3.6 4.6 7.0#
236 24.3 20.2 30.4



#78
Pyrene
Concen: 3.130 ng
RT: 19.781 min Scan# 2858
Delta R.T. -0.006 min
Lab File: BG054508.D
Acq: 3 Aug 2022 20:56

Tgt Ion:202 Resp: 26653
Ion Ratio Lower Upper
202 100
200 19.8 16.6 24.8
203 19.2 14.6 21.8





#79

Terphenyl-d14

Concen: 72.755 ng

RT: 19.974 min Scan# 2891

Delta R.T. -0.006 min

Lab File: BG054508.D

Acq: 3 Aug 2022 20:56

Instrument :

BNA_G

ClientSampleId :

RVE-83

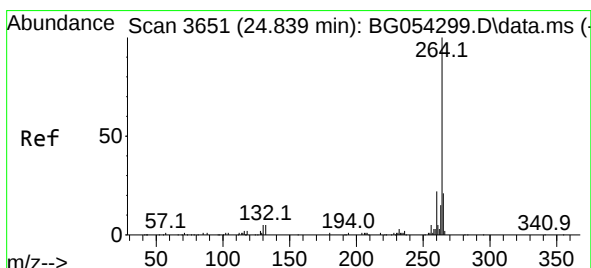
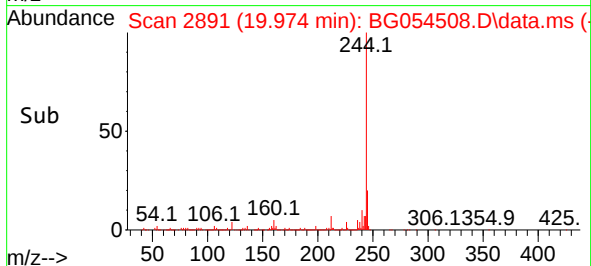
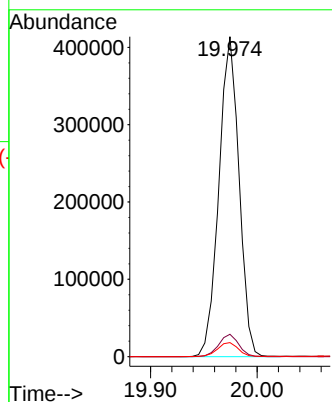
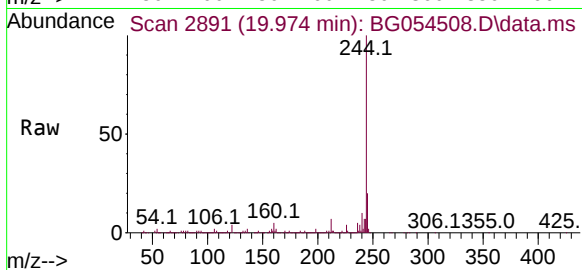
Tgt Ion:244 Resp: 544284

Ion Ratio Lower Upper

244 100

212 7.0 6.5 9.7

122 4.4 5.0 7.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.839 min Scan# 3719

Delta R.T. 0.006 min

Lab File: BG054508.D

Acq: 3 Aug 2022 20:56

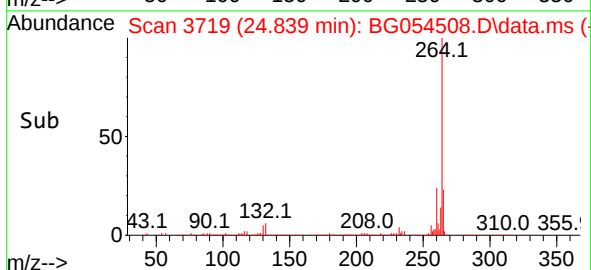
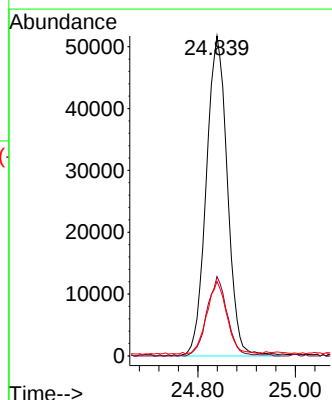
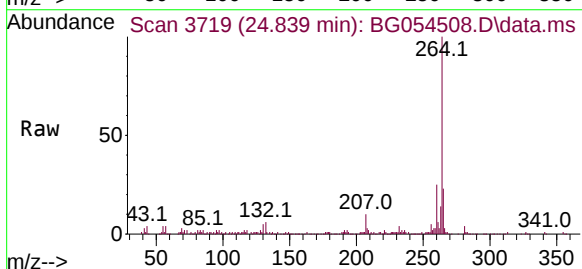
Tgt Ion:264 Resp: 155429

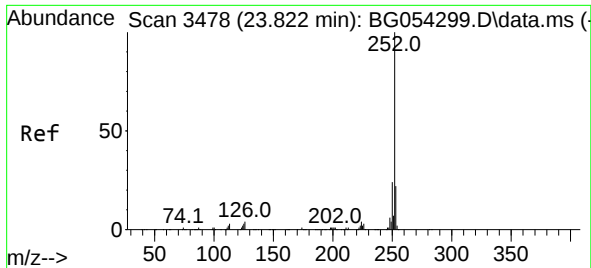
Ion Ratio Lower Upper

264 100

260 24.8 19.0 28.6

265 23.3 17.4 26.2





#88

Benzo(b)fluoranthene

Concen: 2.356 ng

RT: 23.823 min Scan# 3546

Delta R.T. 0.000 min

Lab File: BG054508.D

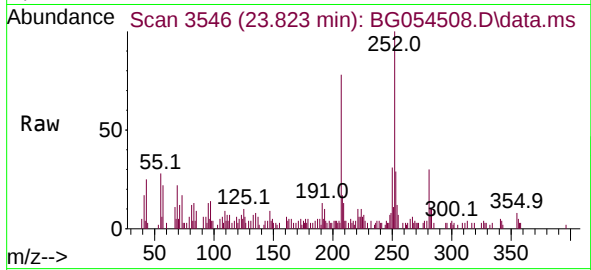
Acq: 3 Aug 2022 20:56

Instrument :

BNA_G

ClientSampleId :

RVE-83



Tgt Ion:252 Resp: 21658

Ion Ratio Lower Upper

252 100

253 28.8 18.0 27.0#

125 9.7 4.6 6.8#

