

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080222\
 Data File : BG054480.D
 Acq On : 2 Aug 2022 12:40
 Operator : CG/JU
 Sample : N3894-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RVE-27

Quant Time: Aug 03 04:13:21 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)

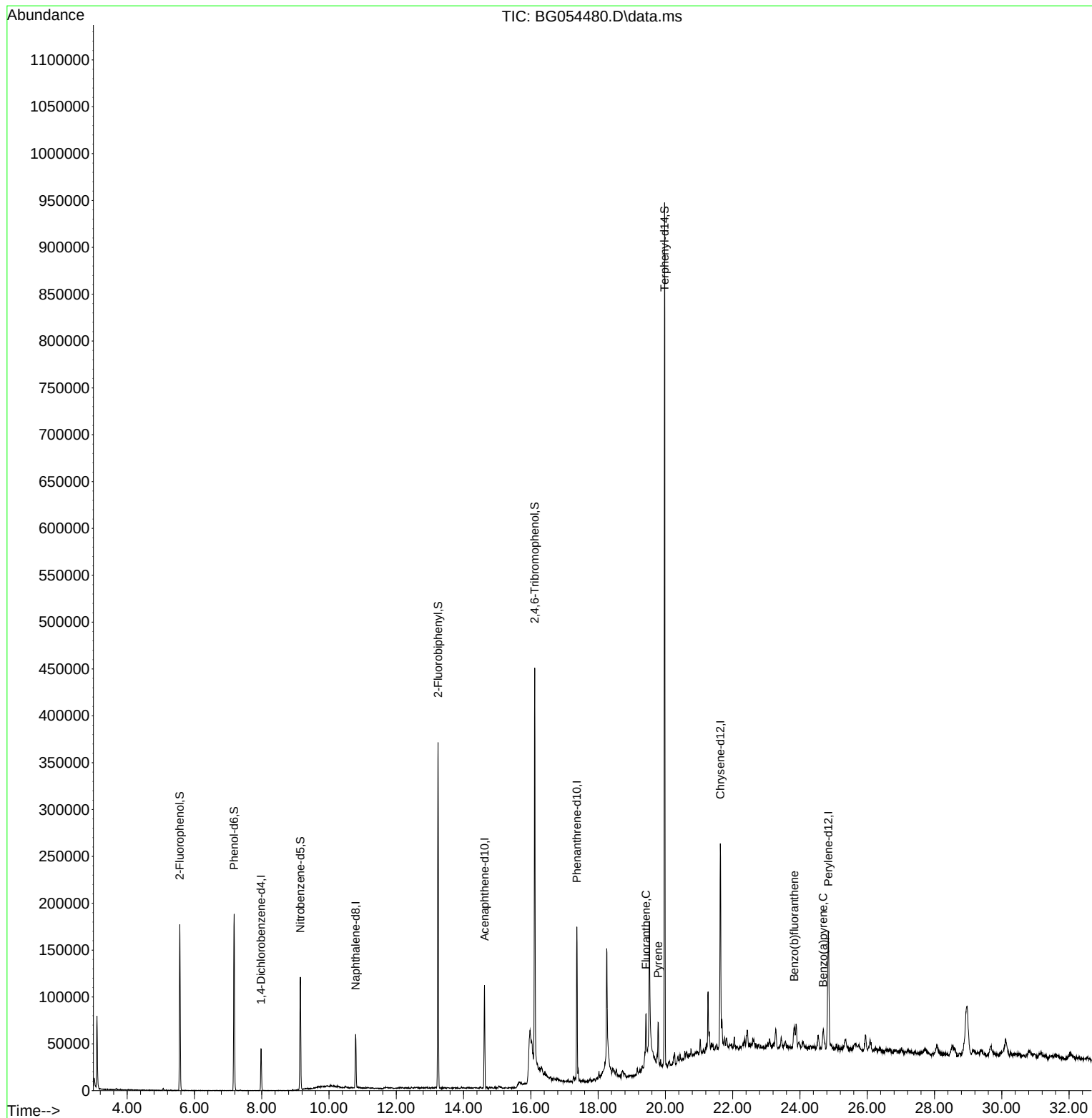
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.979	152	14483	20.000	ng	0.00
21) Naphthalene-d8	10.794	136	51899	20.000	ng	# 0.00
39) Acenaphthene-d10	14.624	164	42664	20.000	ng	0.00
64) Phenanthrene-d10	17.368	188	116732	20.000	ng	# 0.00
76) Chrysene-d12	21.634	240	142534	20.000	ng	# 0.00
86) Perylene-d12	24.842	264	149920	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.564	112	78809	113.612	ng	0.00
7) Phenol-d6	7.180	99	107716	113.326	ng	0.00
23) Nitrobenzene-d5	9.149	82	73007	76.605	ng	0.00
42) 2,4,6-Tribromophenol	16.117	330	111087	124.011	ng	0.00
45) 2-Fluorobiphenyl	13.244	172	216690	71.649	ng	0.00
79) Terphenyl-d14	19.977	244	516379	71.870	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.425	202	28911	3.648	ng	98
78) Pyrene	19.783	202	30806	3.767	ng	98
88) Benzo(b)fluoranthene	23.831	252	28005	3.159	ng	95
90) Benzo(a)pyrene	24.689	252	21342	2.819	ng	99

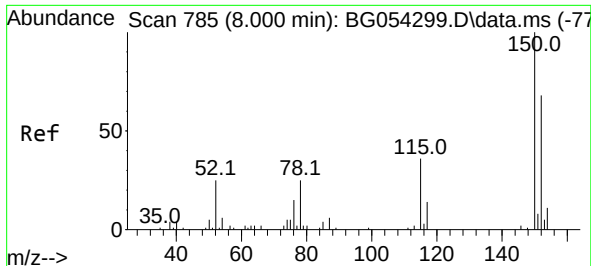
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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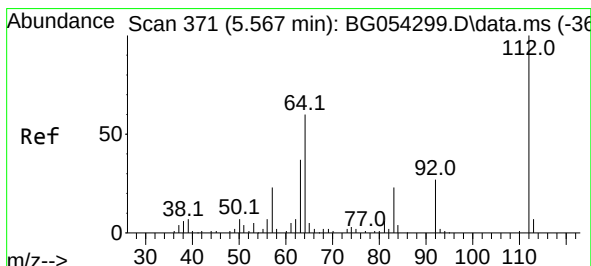
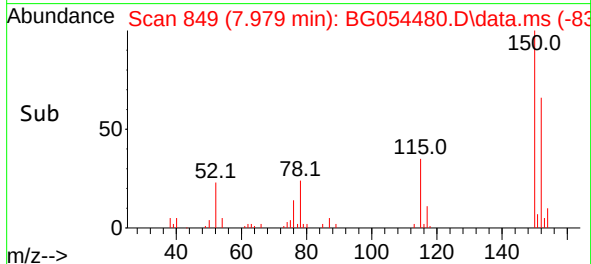
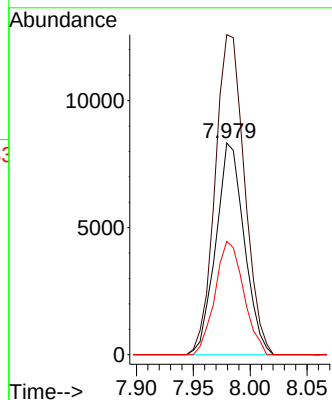
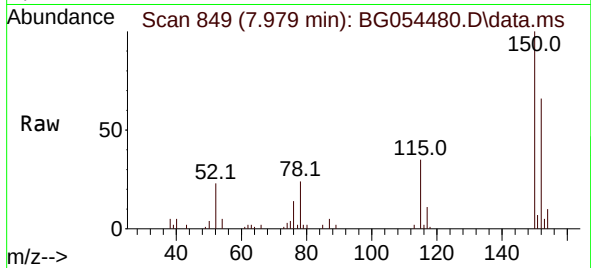




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.979 min Scan# 84
Delta R.T. -0.009 min
Lab File: BG054480.D
Acq: 2 Aug 2022 12:40

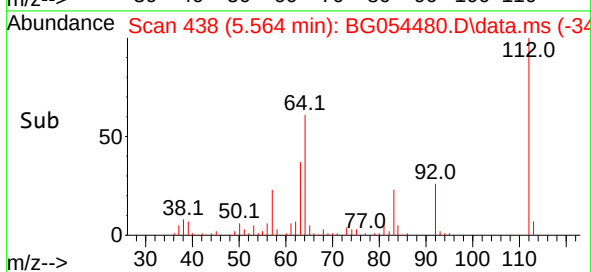
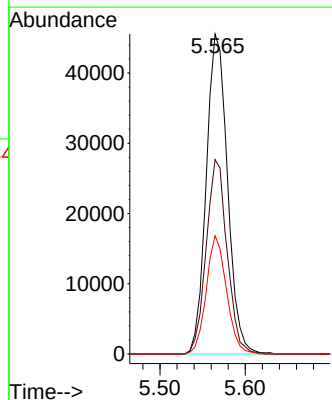
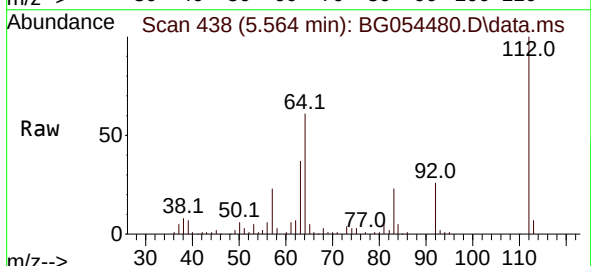
Instrument :
BNA_G
ClientSampleId :
RVE-27

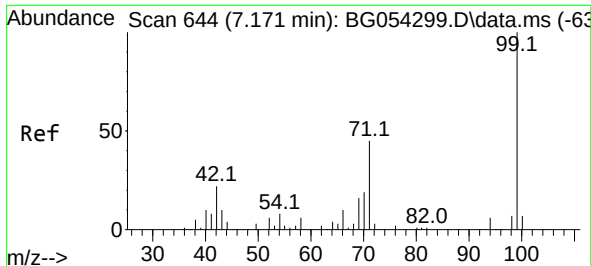
Tgt Ion:152 Resp: 14483
Ion Ratio Lower Upper
152 100
150 151.2 131.6 197.4
115 53.6 50.9 76.3



#5
2-Fluorophenol
Concen: 113.612 ng
RT: 5.564 min Scan# 438
Delta R.T. 0.003 min
Lab File: BG054480.D
Acq: 2 Aug 2022 12:40

Tgt Ion:112 Resp: 78809
Ion Ratio Lower Upper
112 100
64 60.8 55.1 82.7
63 37.0 30.4 45.6

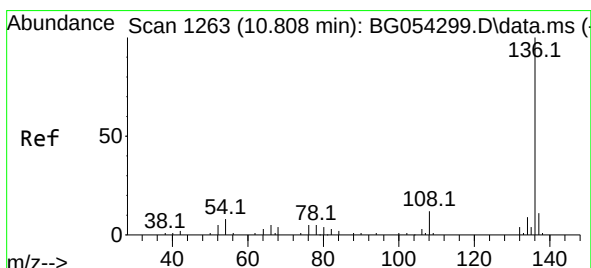
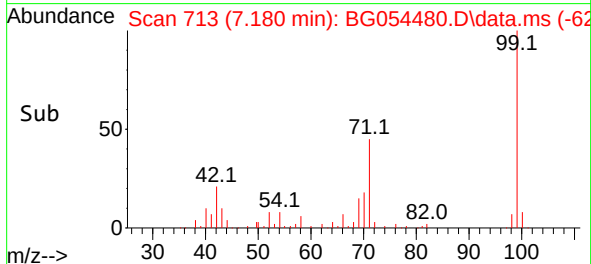
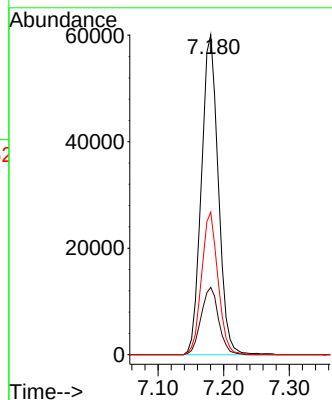
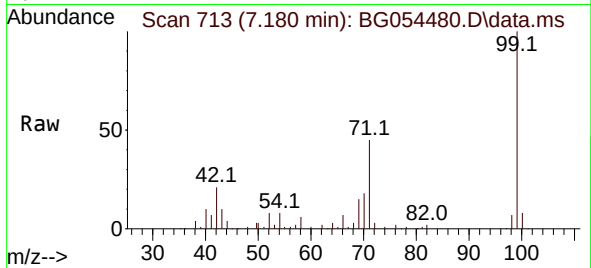




#7
Phenol-d6
Concen: 113.326 ng
RT: 7.180 min Scan# 71
Delta R.T. 0.009 min
Lab File: BG054480.D
Acq: 2 Aug 2022 12:40

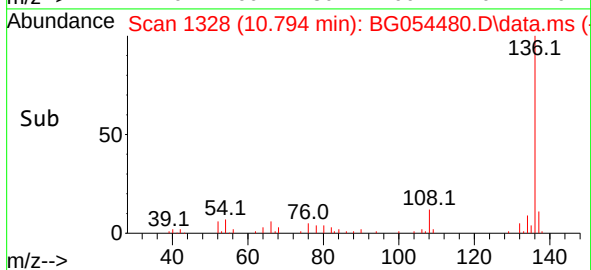
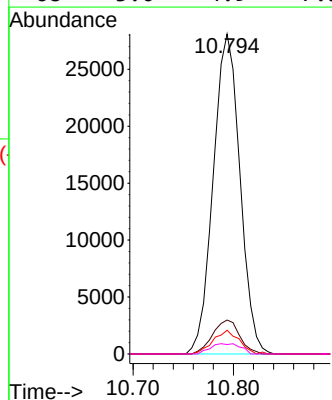
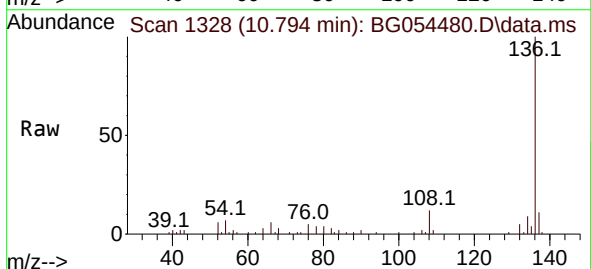
Instrument :
BNA_G
ClientSampleId :
RVE-27

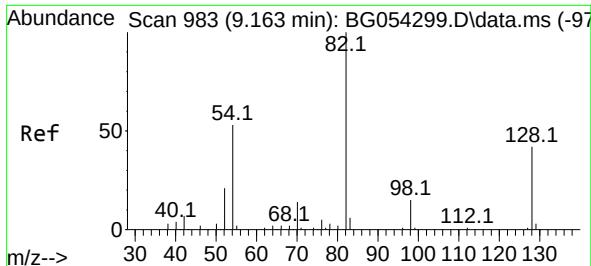
Tgt Ion: 99 Resp: 107716
Ion Ratio Lower Upper
99 100
42 21.0 17.0 25.6
71 44.6 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.794 min Scan# 1328
Delta R.T. -0.003 min
Lab File: BG054480.D
Acq: 2 Aug 2022 12:40

Tgt Ion: 136 Resp: 51899
Ion Ratio Lower Upper
136 100
137 10.6 8.5 12.7
54 7.4 7.4 11.2#
68 3.0 4.9 7.3#

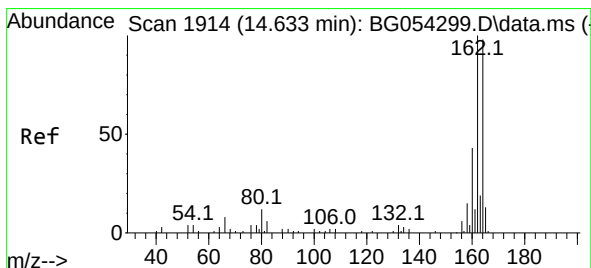
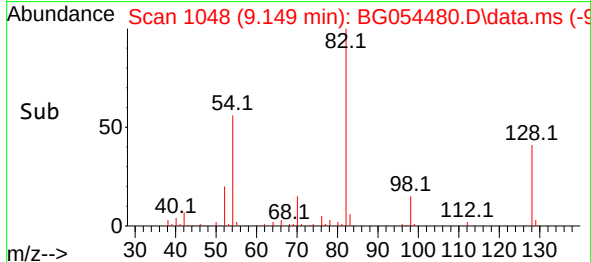
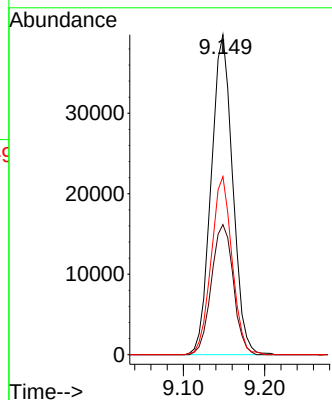
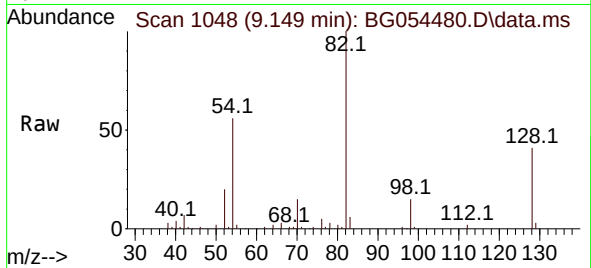




#23
Nitrobenzene-d5
Concen: 76.605 ng
RT: 9.149 min Scan# 1048
Delta R.T. -0.003 min
Lab File: BG054480.D
Acq: 2 Aug 2022 12:40

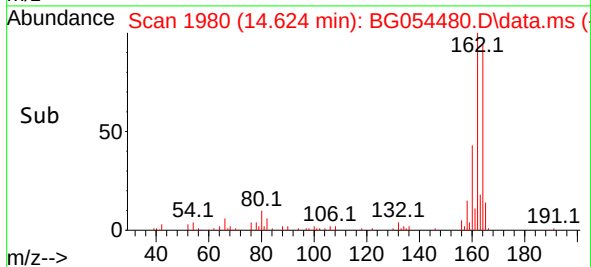
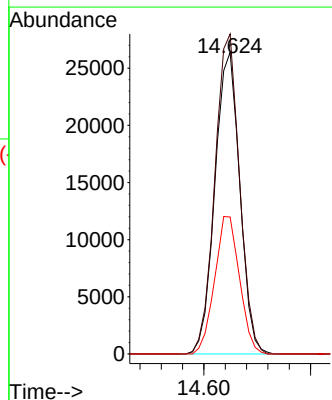
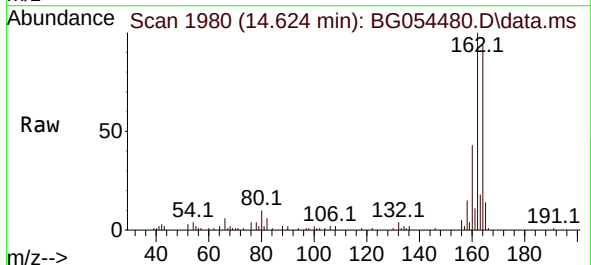
Instrument :
BNA_G
ClientSampleId :
RVE-27

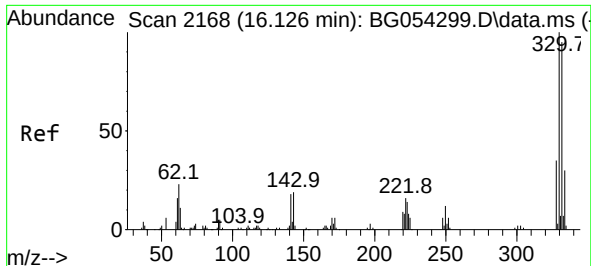
Tgt Ion: 82 Resp: 73007
Ion Ratio Lower Upper
82 100
128 40.7 27.9 41.9
54 55.6 41.2 61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.624 min Scan# 1980
Delta R.T. 0.003 min
Lab File: BG054480.D
Acq: 2 Aug 2022 12:40

Tgt Ion: 164 Resp: 42664
Ion Ratio Lower Upper
164 100
162 106.1 82.3 123.5
160 45.4 34.2 51.2

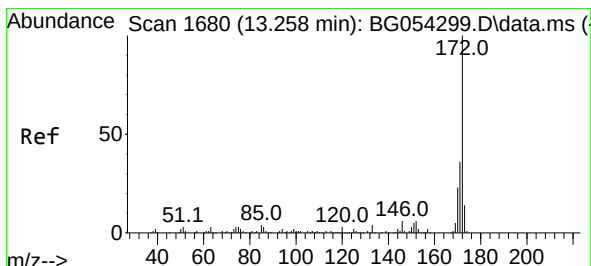
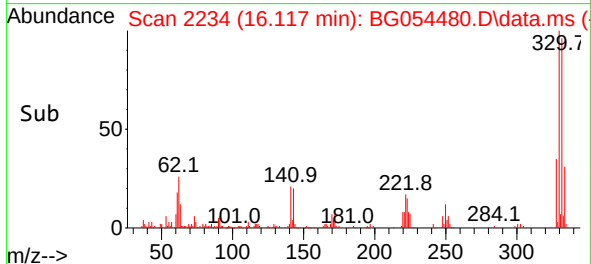
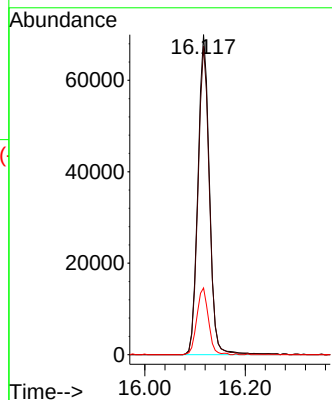
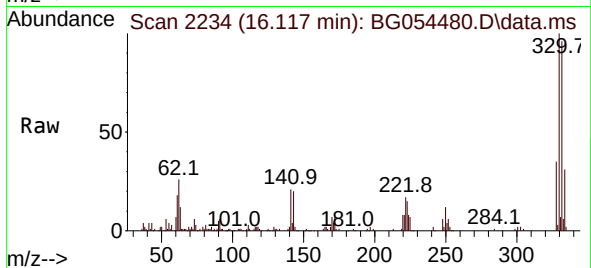




#42
2,4,6-Tribromophenol
Concen: 124.011 ng
RT: 16.117 min Scan# 2168
Delta R.T. 0.003 min
Lab File: BG054480.D
Acq: 2 Aug 2022 12:40

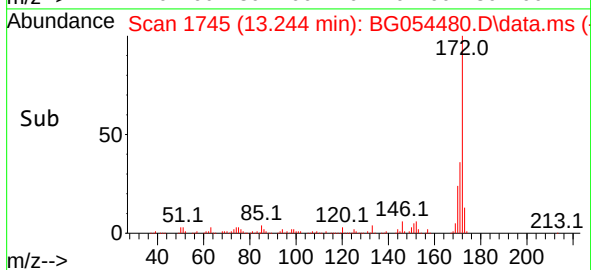
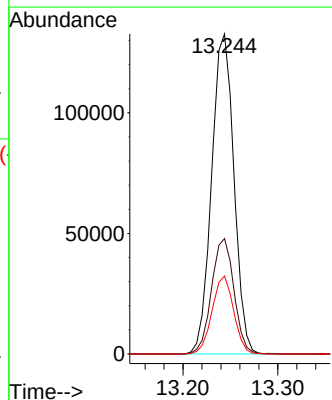
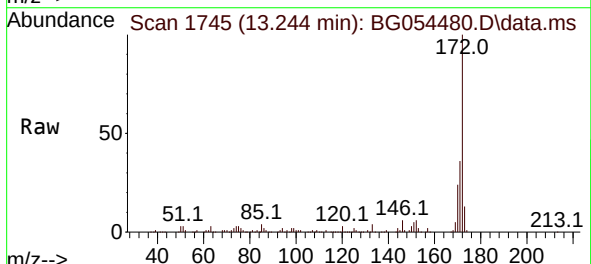
Instrument :
BNA_G
ClientSampleId :
RVE-27

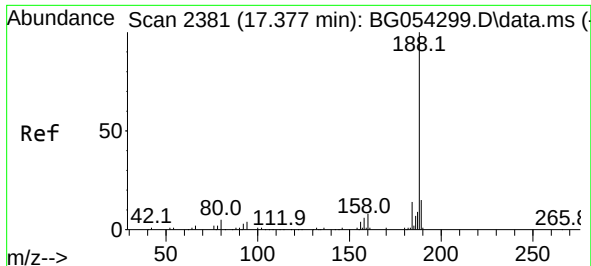
Tgt Ion:330 Resp: 111087
Ion Ratio Lower Upper
330 100
332 95.4 76.0 114.0
141 21.0 27.1 40.7#



#45
2-Fluorobiphenyl
Concen: 71.649 ng
RT: 13.244 min Scan# 1745
Delta R.T. -0.003 min
Lab File: BG054480.D
Acq: 2 Aug 2022 12:40

Tgt Ion:172 Resp: 216690
Ion Ratio Lower Upper
172 100
171 36.0 28.5 42.7
170 24.3 18.9 28.3

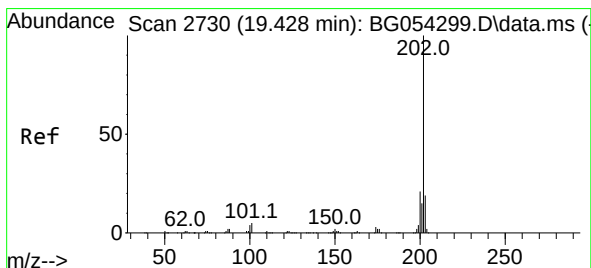
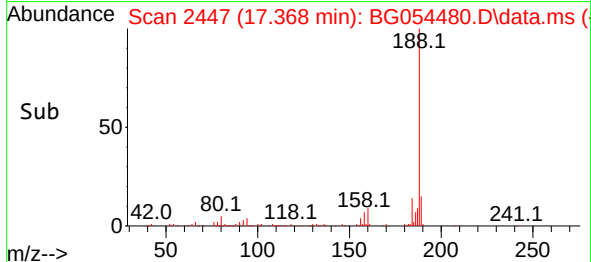
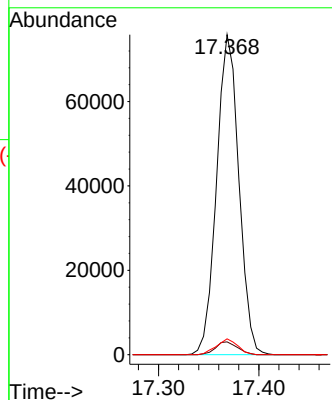
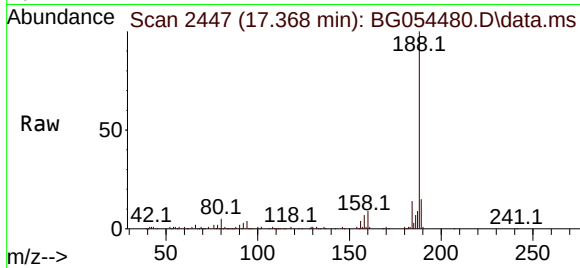




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.368 min Scan# 2447
Delta R.T. -0.003 min
Lab File: BG054480.D
Acq: 2 Aug 2022 12:40

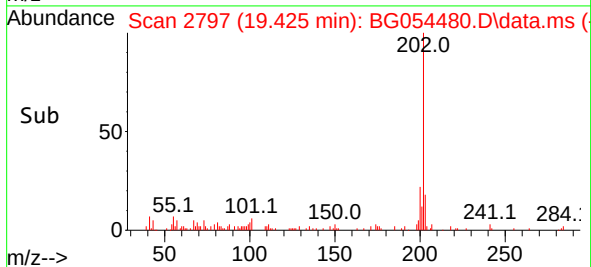
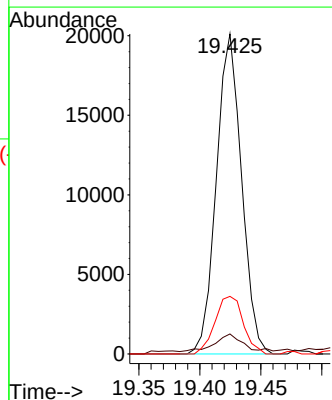
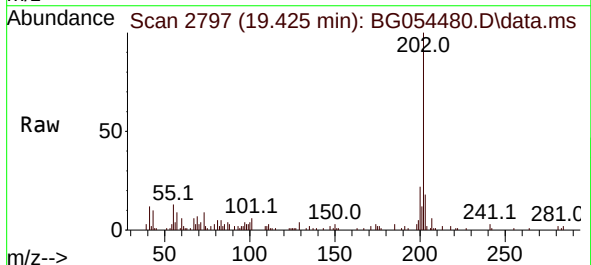
Instrument :
BNA_G
ClientSampleId :
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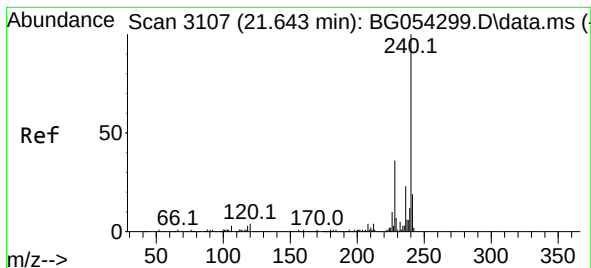
Tgt Ion:188 Resp: 116732
Ion Ratio Lower Upper
188 100
94 4.0 5.4 8.0#
80 5.0 6.8 10.2#



#75
Fluoranthene
Concen: 3.648 ng
RT: 19.425 min Scan# 2797
Delta R.T. 0.003 min
Lab File: BG054480.D
Acq: 2 Aug 2022 12:40

Tgt Ion:202 Resp: 28911
Ion Ratio Lower Upper
202 100
101 6.2 0.0 26.9
203 18.0 0.0 37.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.634 min Scan# 31

Delta R.T. -0.003 min

Lab File: BG054480.D

Acq: 2 Aug 2022 12:40

Instrument :

BNA_G

ClientSampleId :

RVE-27

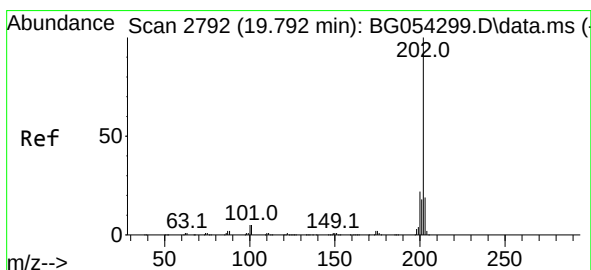
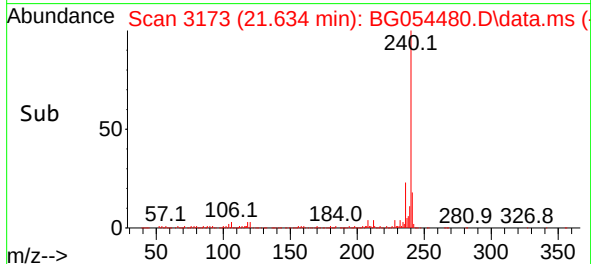
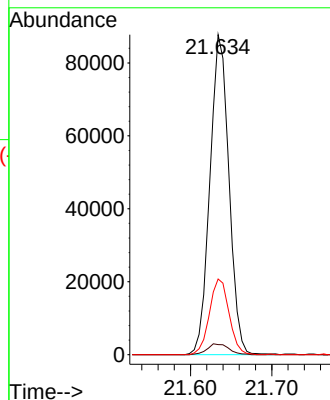
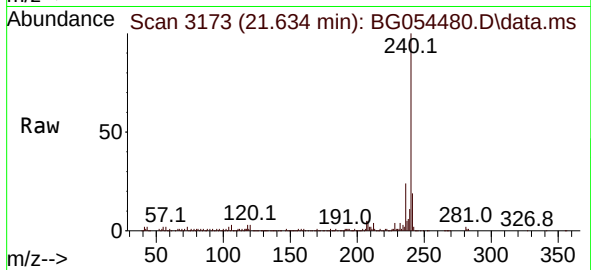
Tgt Ion:240 Resp: 142534

Ion Ratio Lower Upper

240 100

120 3.1 4.6 7.0#

236 23.6 20.2 30.4



#78

Pyrene

Concen: 3.767 ng

RT: 19.783 min Scan# 2858

Delta R.T. -0.003 min

Lab File: BG054480.D

Acq: 2 Aug 2022 12:40

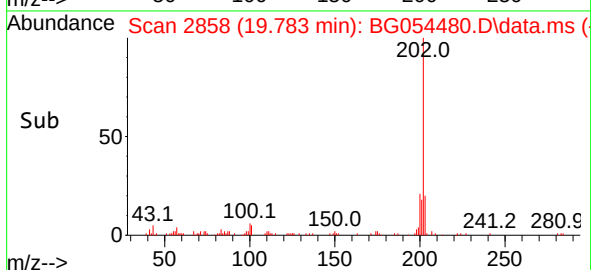
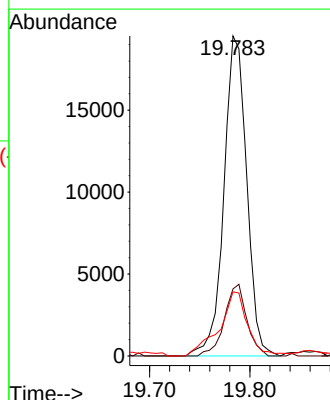
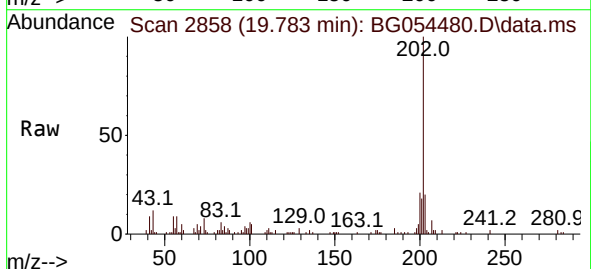
Tgt Ion:202 Resp: 30806

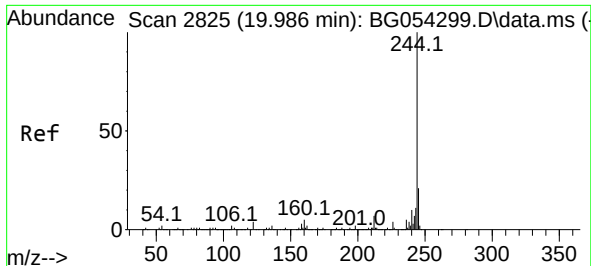
Ion Ratio Lower Upper

202 100

200 20.9 16.6 24.8

203 20.1 14.6 21.8

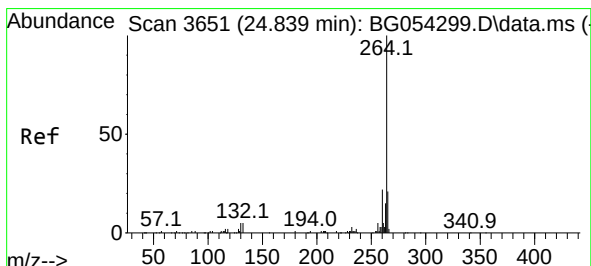
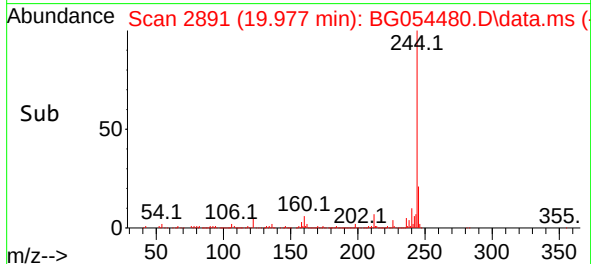
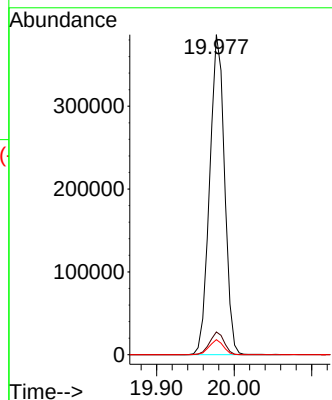
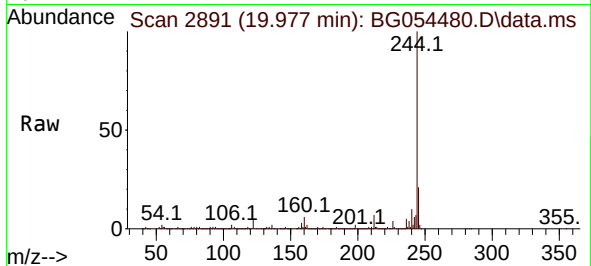




#79
 Terphenyl-d14
 Concen: 71.870 ng
 RT: 19.977 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG054480.D
 Acq: 2 Aug 2022 12:40

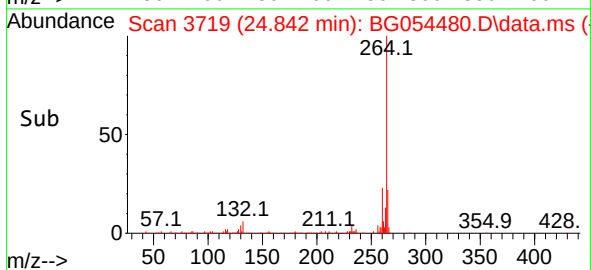
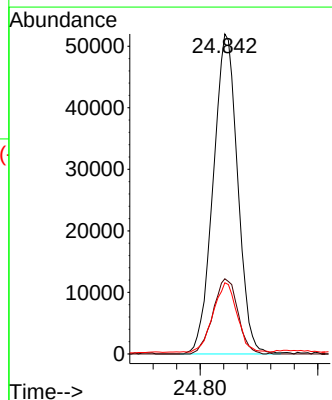
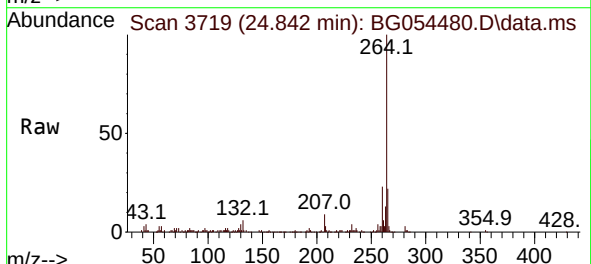
Instrument :
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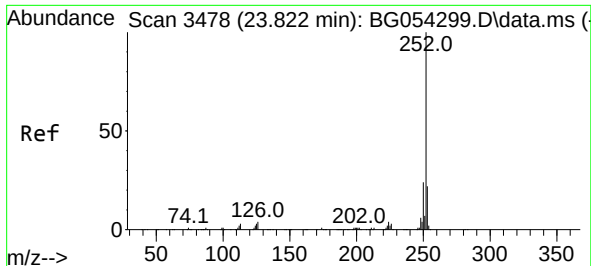
Tgt Ion:244 Resp: 516379
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.5 9.7
 122 4.7 5.0 7.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.842 min Scan# 3719
 Delta R.T. 0.009 min
 Lab File: BG054480.D
 Acq: 2 Aug 2022 12:40

Tgt Ion:264 Resp: 149920
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.0 28.6
 265 22.2 17.4 26.2

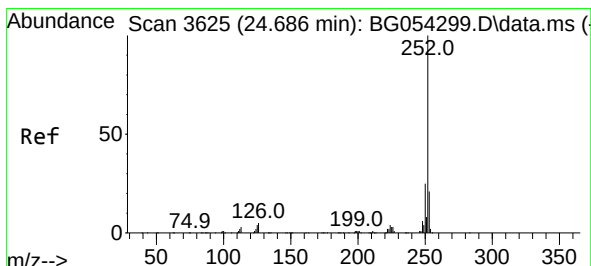
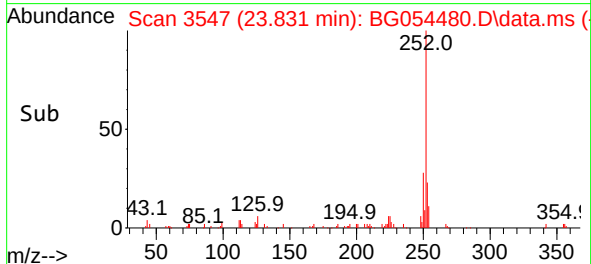
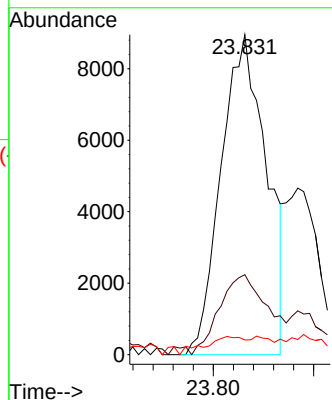
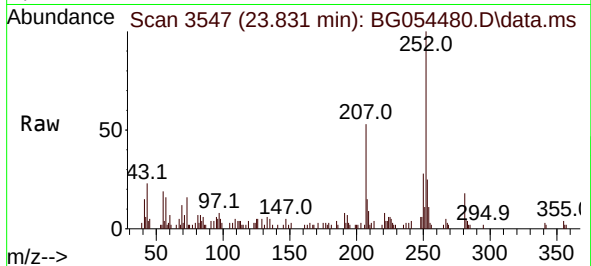




#88
Benzo(b)fluoranthene
Concen: 3.159 ng
RT: 23.831 min Scan# 31
Delta R.T. 0.009 min
Lab File: BG054480.D
Acq: 2 Aug 2022 12:40

Instrument :
BNA_G
ClientSampleId :
RVE-27

Tgt Ion:252 Resp: 28005
Ion Ratio Lower Upper
252 100
253 25.0 18.0 27.0
125 4.6 4.6 6.8



#90
Benzo(a)pyrene
Concen: 2.819 ng
RT: 24.689 min Scan# 3693
Delta R.T. 0.003 min
Lab File: BG054480.D
Acq: 2 Aug 2022 12:40

Tgt Ion:252 Resp: 21342
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 6.4 4.3 6.5

