

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072822\
 Data File : BG054434.D
 Acq On : 28 Jul 2022 16:26
 Operator : CG/JU
 Sample : N3893-16
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RVE-16

Quant Time: Jul 29 04:09:01 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

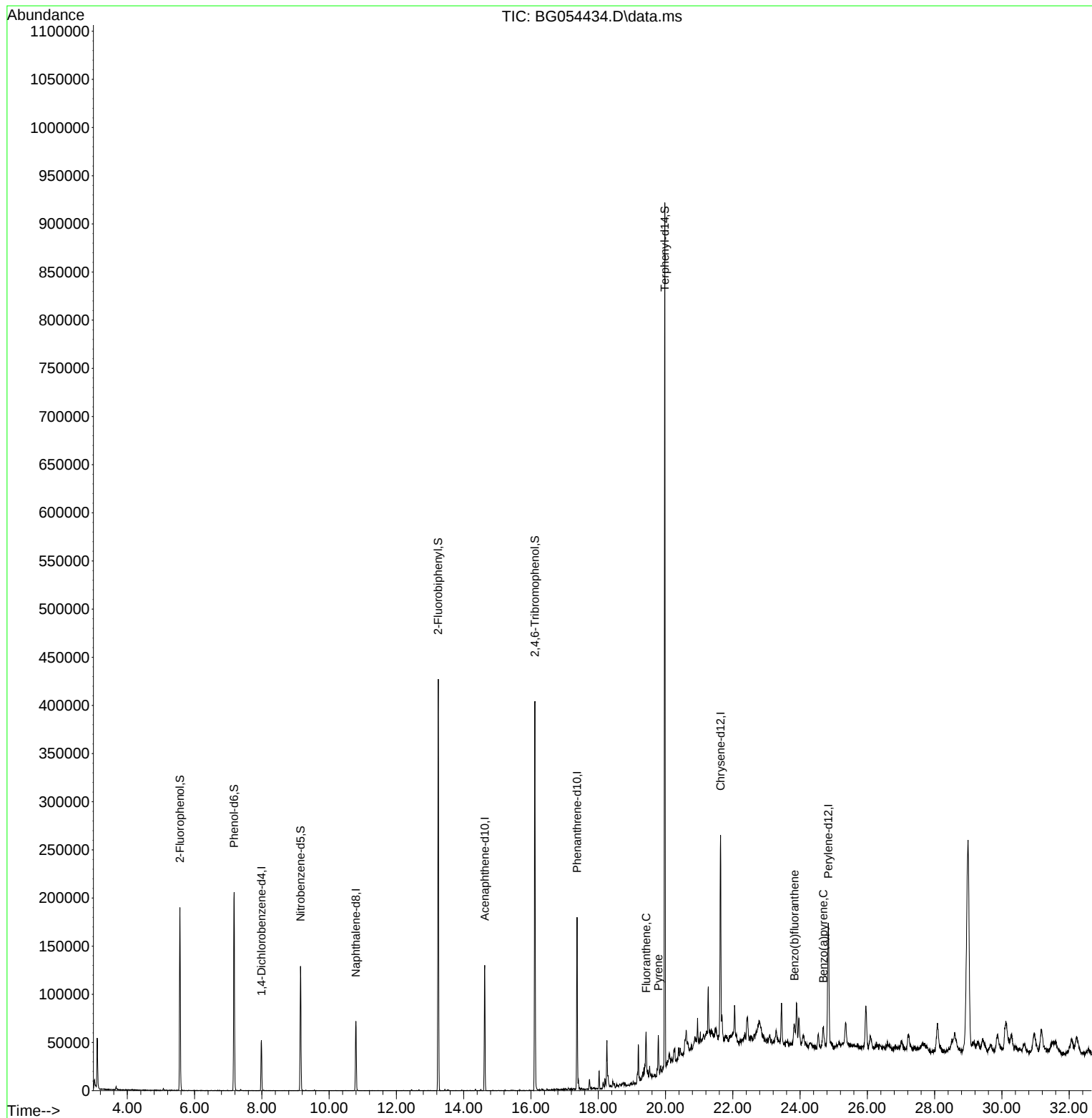
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.987	152	16609	20.000	ng	0.00
21) Naphthalene-d8	10.796	136	66647	20.000	ng	# 0.00
39) Acenaphthene-d10	14.626	164	50953	20.000	ng	0.00
64) Phenanthrene-d10	17.370	188	126543	20.000	ng	# 0.00
76) Chrysene-d12	21.636	240	142588	20.000	ng	# 0.00
86) Perylene-d12	24.838	264	153043	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.566	112	86850	109.177	ng	0.00
7) Phenol-d6	7.176	99	117664	107.946	ng	0.00
23) Nitrobenzene-d5	9.150	82	79786	65.193	ng	0.00
42) 2,4,6-Tribromophenol	16.119	330	111153	103.898	ng	0.00
45) 2-Fluorobiphenyl	13.246	172	248379	68.767	ng	0.00
79) Terphenyl-d14	19.979	244	512622	71.320	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	19.427	202	22624	2.634	ng	97
78) Pyrene	19.785	202	28219	3.449	ng	98
88) Benzo(b)fluoranthene	23.833	252	29566	3.267	ng	# 98
90) Benzo(a)pyrene	24.691	252	20562	2.660	ng	# 92

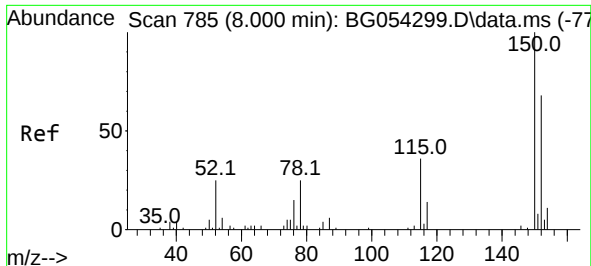
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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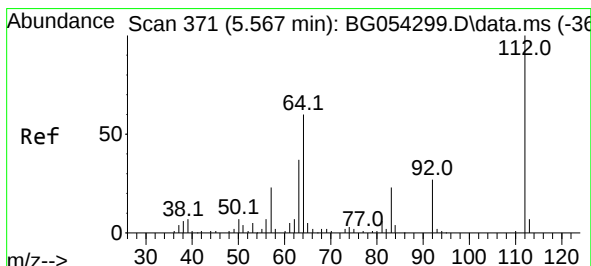
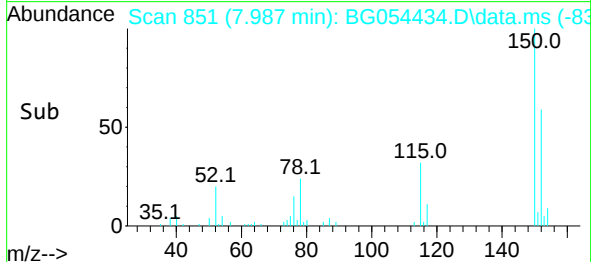
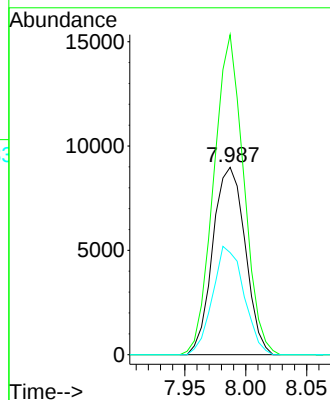
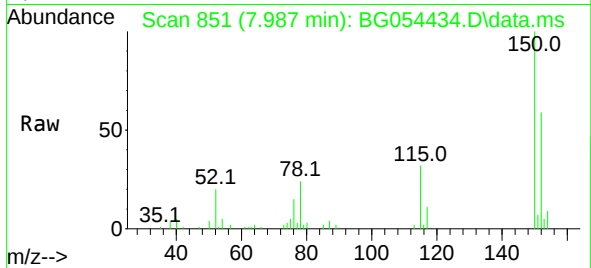




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.987 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG054434.D
Acq: 28 Jul 2022 16:26

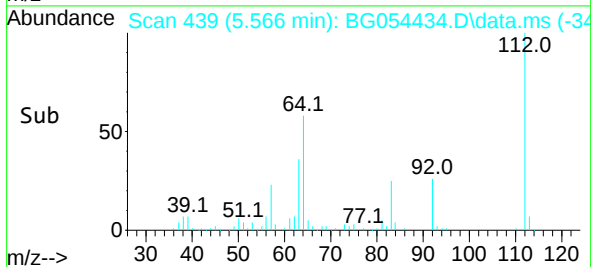
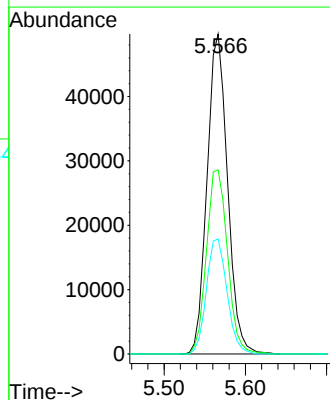
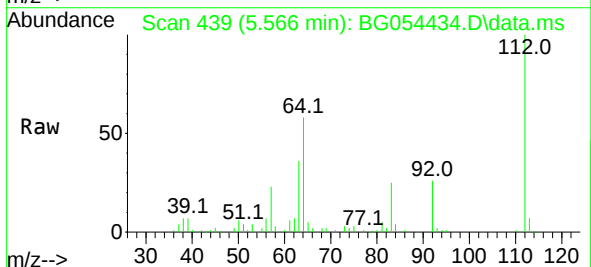
Instrument :
BNA_G
ClientSampleId :
RVE-16

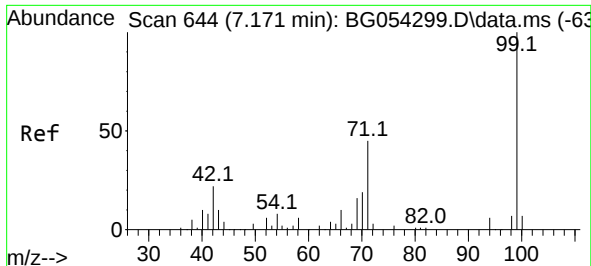
Tgt Ion:152 Resp: 16609
Ion Ratio Lower Upper
152 100
150 170.7 131.6 197.4
115 54.4 50.9 76.3



#5
2-Fluorophenol
Concen: 109.177 ng
RT: 5.566 min Scan# 439
Delta R.T. 0.005 min
Lab File: BG054434.D
Acq: 28 Jul 2022 16:26

Tgt Ion:112 Resp: 86850
Ion Ratio Lower Upper
112 100
64 57.6 55.1 82.7
63 35.9 30.4 45.6

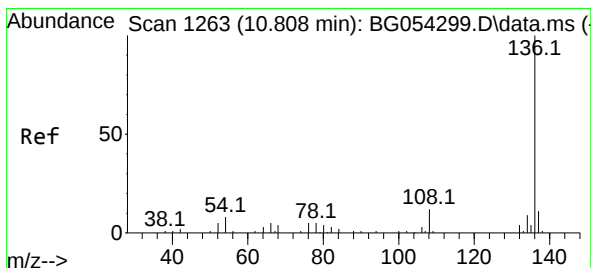
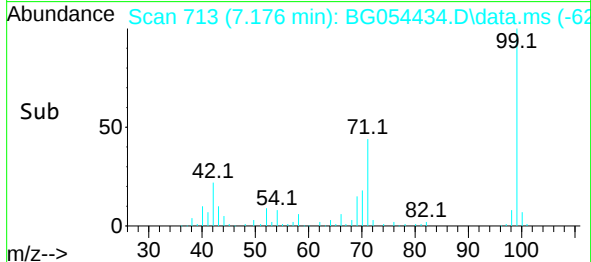
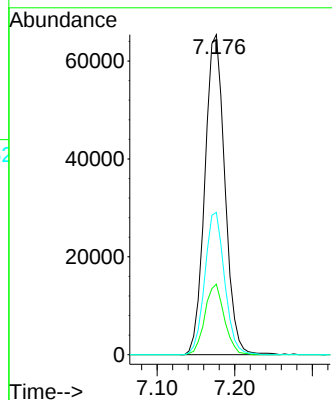
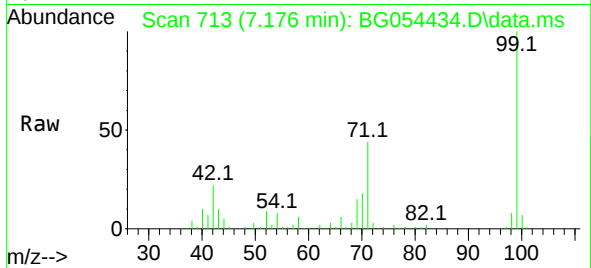




#7
Phenol-d6
Concen: 107.946 ng
RT: 7.176 min Scan# 71
Delta R.T. 0.005 min
Lab File: BG054434.D
Acq: 28 Jul 2022 16:26

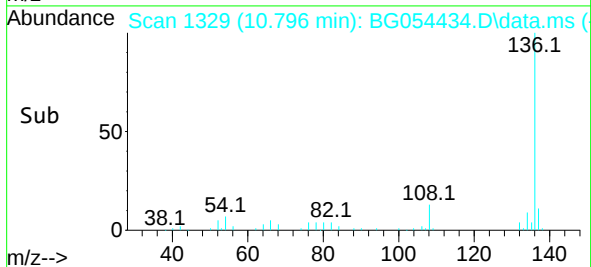
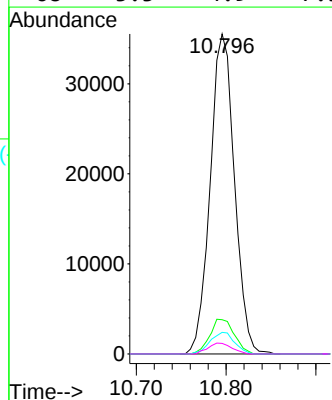
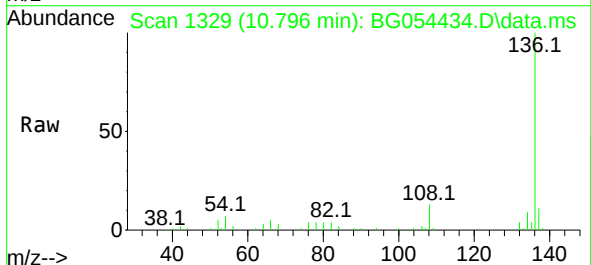
Instrument :
BNA_G
ClientSampleId :
RVE-16

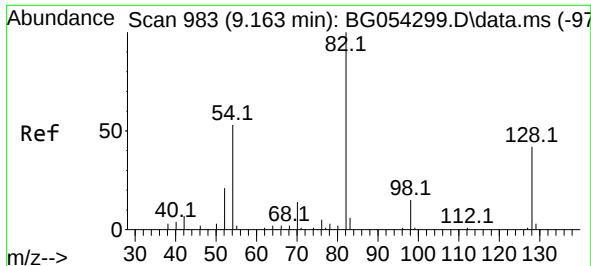
Tgt Ion: 99 Resp: 117664
Ion Ratio Lower Upper
99 100
42 22.0 17.0 25.6
71 44.5 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.796 min Scan# 1329
Delta R.T. -0.001 min
Lab File: BG054434.D
Acq: 28 Jul 2022 16:26

Tgt Ion:136 Resp: 66647
Ion Ratio Lower Upper
136 100
137 10.7 8.5 12.7
54 6.7 7.4 11.2#
68 3.3 4.9 7.3#

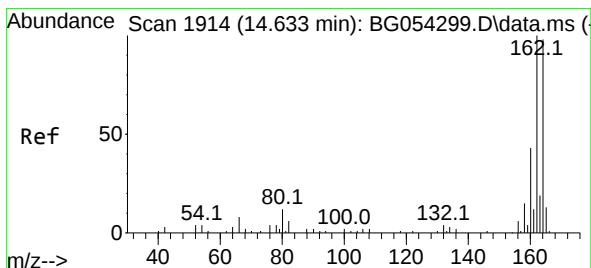
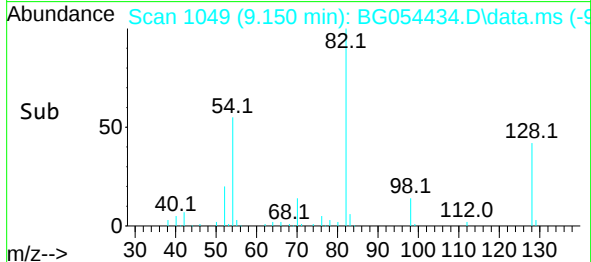
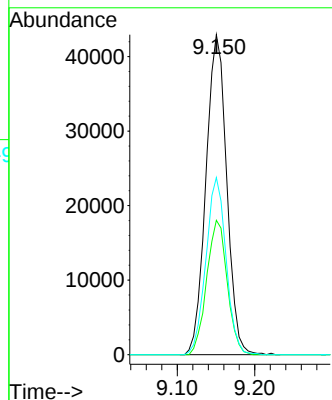
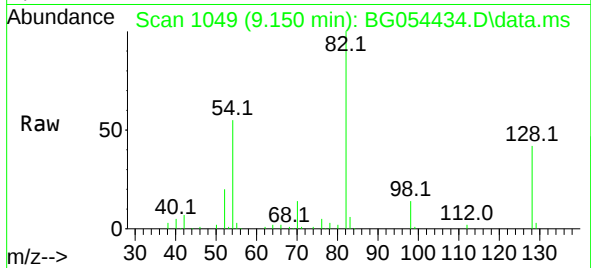




#23
Nitrobenzene-d5
Concen: 65.193 ng
RT: 9.150 min Scan# 1049
Delta R.T. -0.001 min
Lab File: BG054434.D
Acq: 28 Jul 2022 16:26

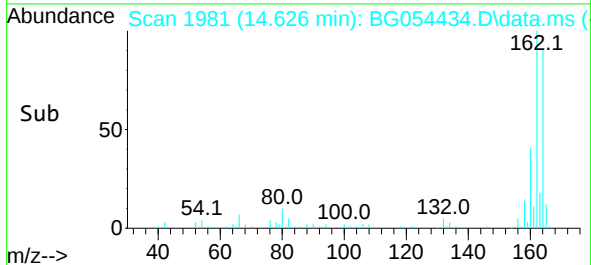
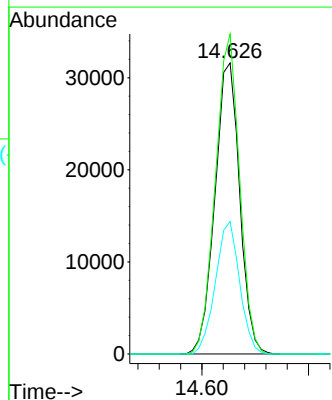
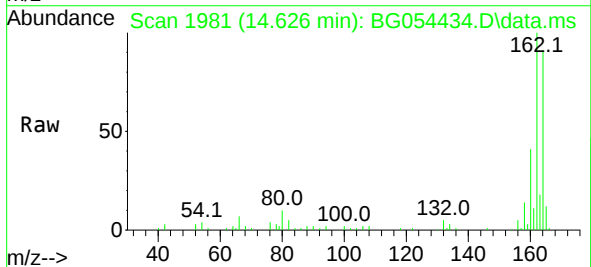
Instrument :
BNA_G
ClientSampleId :
RVE-16

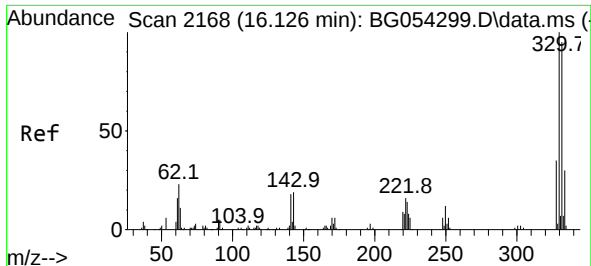
Tgt Ion: 82 Resp: 79786
Ion Ratio Lower Upper
82 100
128 42.0 27.9 41.9#
54 55.4 41.2 61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.626 min Scan# 1981
Delta R.T. 0.005 min
Lab File: BG054434.D
Acq: 28 Jul 2022 16:26

Tgt Ion: 164 Resp: 50953
Ion Ratio Lower Upper
164 100
162 109.9 82.3 123.5
160 45.5 34.2 51.2

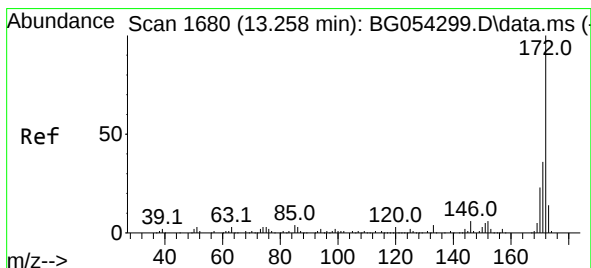
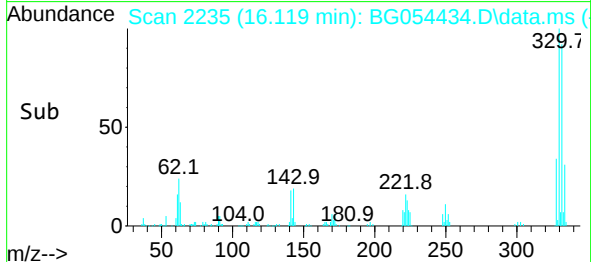
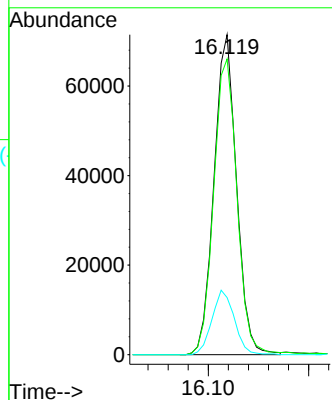
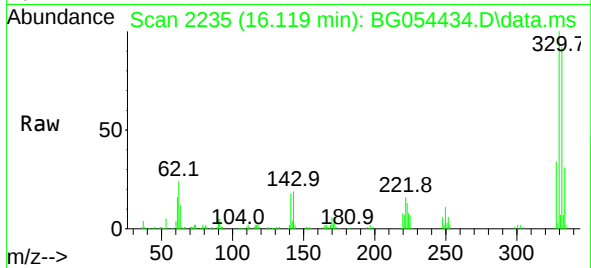




#42
2,4,6-Tribromophenol
Concen: 103.898 ng
RT: 16.119 min Scan# 2168
Delta R.T. 0.005 min
Lab File: BG054434.D
Acq: 28 Jul 2022 16:26

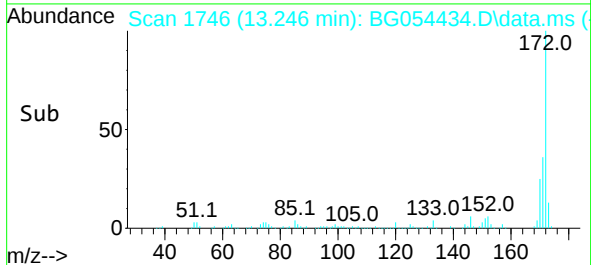
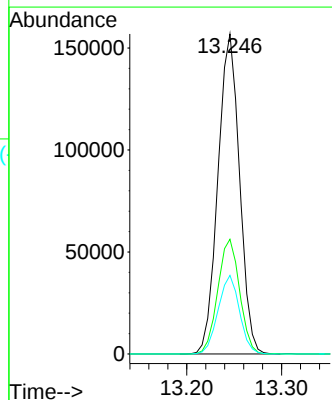
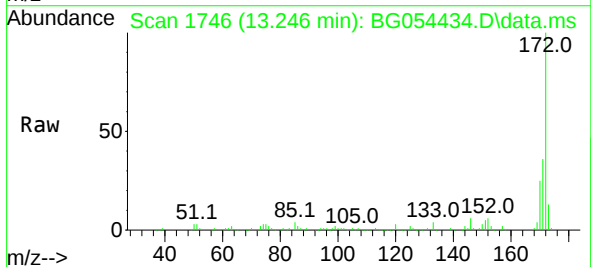
Instrument :
BNA_G
ClientSampleId :
RVE-16

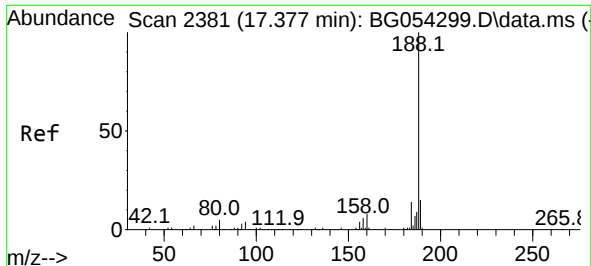
Tgt Ion:330 Resp: 111153
Ion Ratio Lower Upper
330 100
332 96.9 76.0 114.0
141 20.1 27.1 40.7#



#45
2-Fluorobiphenyl
Concen: 68.767 ng
RT: 13.246 min Scan# 1746
Delta R.T. -0.001 min
Lab File: BG054434.D
Acq: 28 Jul 2022 16:26

Tgt Ion:172 Resp: 248379
Ion Ratio Lower Upper
172 100
171 35.9 28.5 42.7
170 24.5 18.9 28.3

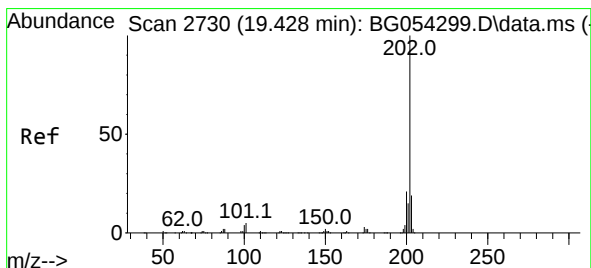
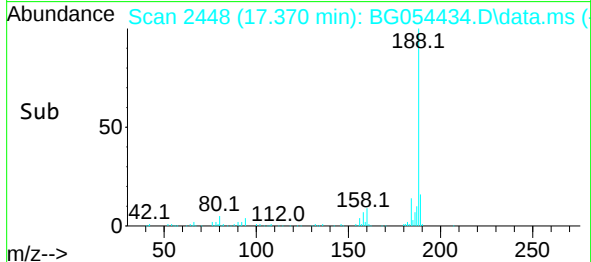
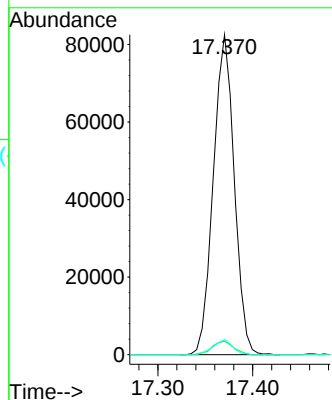
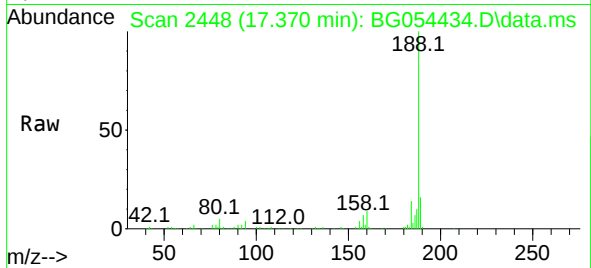




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.370 min Scan# 2448
Delta R.T. -0.001 min
Lab File: BG054434.D
Acq: 28 Jul 2022 16:26

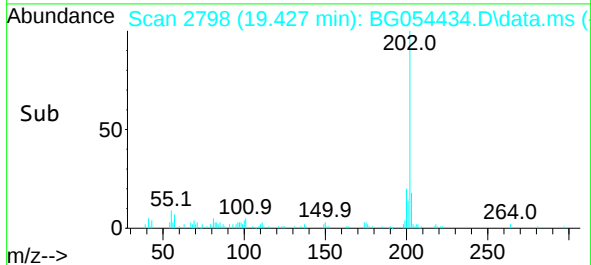
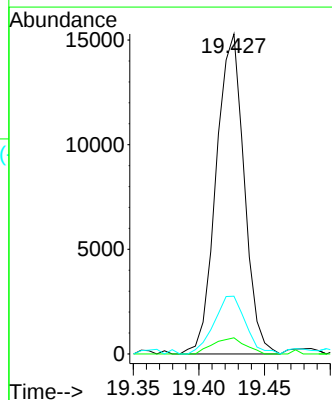
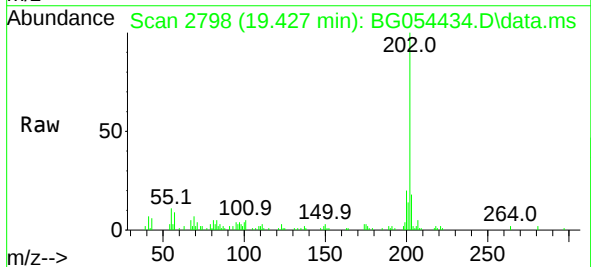
Instrument :
BNA_G
ClientSampleId :
RVE-16

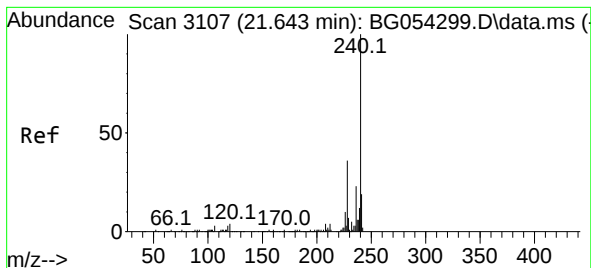
Tgt Ion:188 Resp: 126543
Ion Ratio Lower Upper
188 100
94 4.2 5.4 8.0#
80 4.7 6.8 10.2#



#75
Fluoranthene
Concen: 2.634 ng
RT: 19.427 min Scan# 2798
Delta R.T. 0.005 min
Lab File: BG054434.D
Acq: 28 Jul 2022 16:26

Tgt Ion:202 Resp: 22624
Ion Ratio Lower Upper
202 100
101 5.1 0.0 26.9
203 18.0 0.0 37.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.636 min Scan# 3107

Delta R.T. -0.001 min

Lab File: BG054434.D

Acq: 28 Jul 2022 16:26

Instrument :

BNA_G

ClientSampleId :

RVE-16

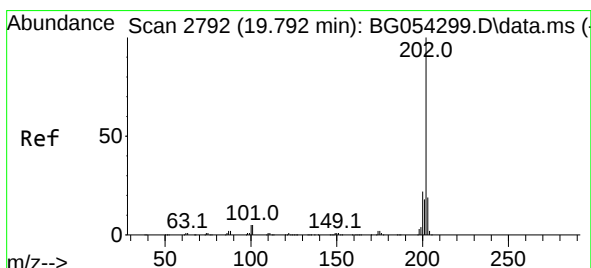
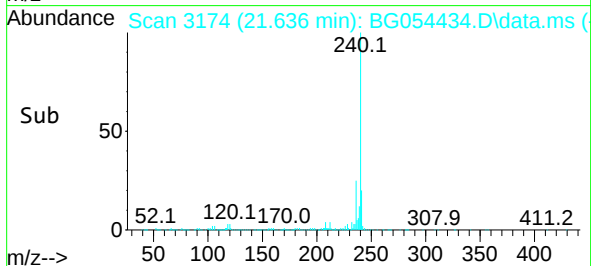
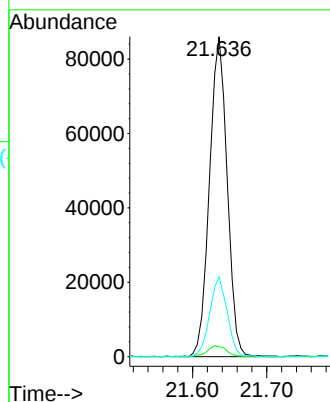
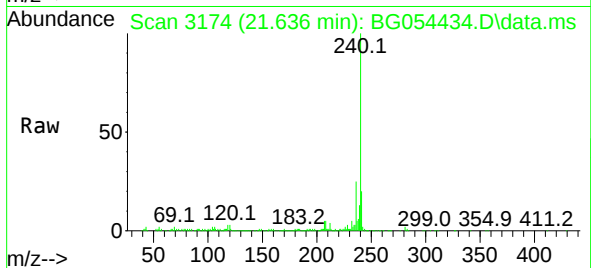
Tgt Ion:240 Resp: 142588

Ion Ratio Lower Upper

240 100

120 3.1 4.6 7.0#

236 24.9 20.2 30.4



#78

Pyrene

Concen: 3.449 ng

RT: 19.785 min Scan# 2859

Delta R.T. -0.001 min

Lab File: BG054434.D

Acq: 28 Jul 2022 16:26

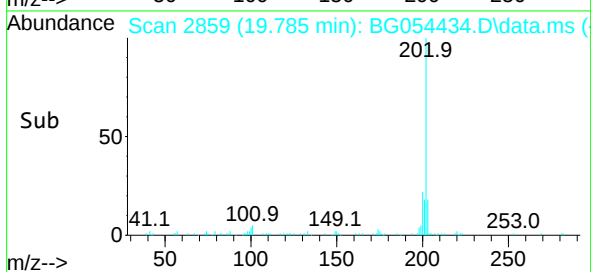
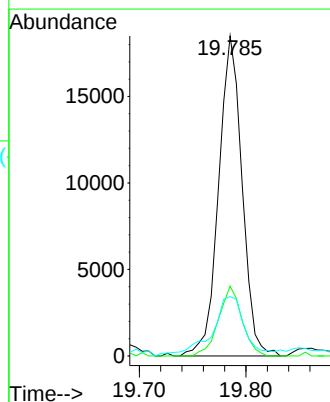
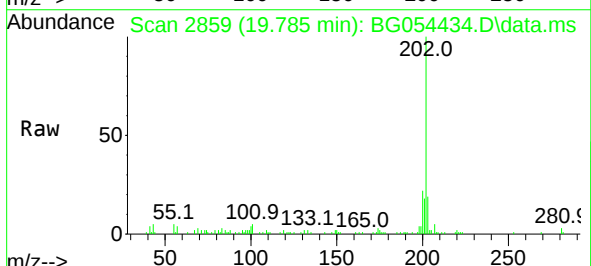
Tgt Ion:202 Resp: 28219

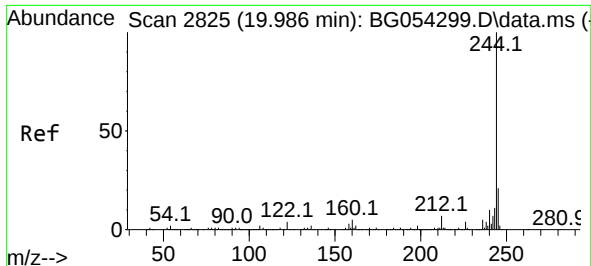
Ion Ratio Lower Upper

202 100

200 21.8 16.6 24.8

203 18.6 14.6 21.8

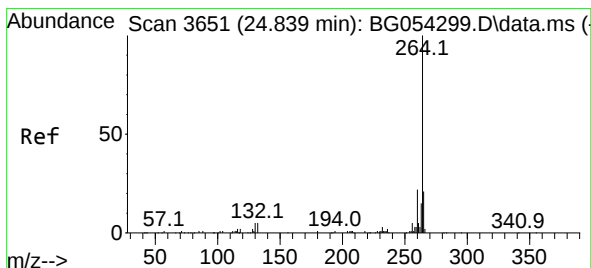
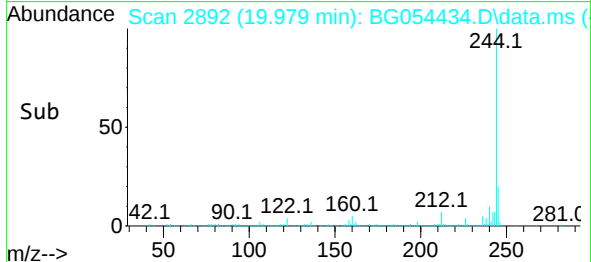
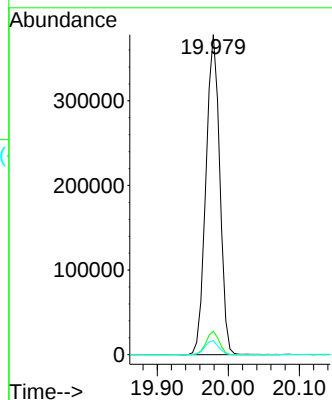
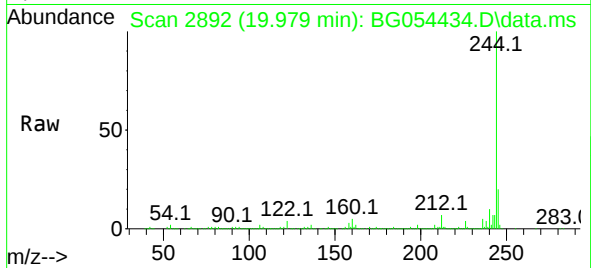




#79
 Terphenyl-d14
 Concen: 71.320 ng
 RT: 19.979 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG054434.D
 Acq: 28 Jul 2022 16:26

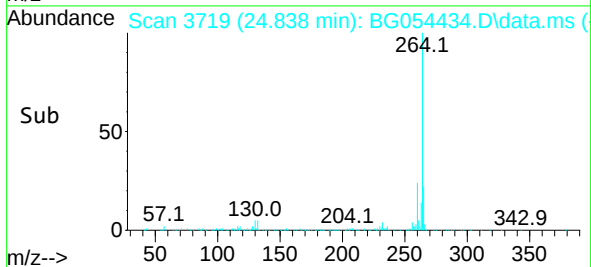
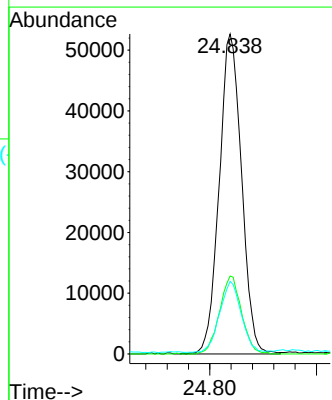
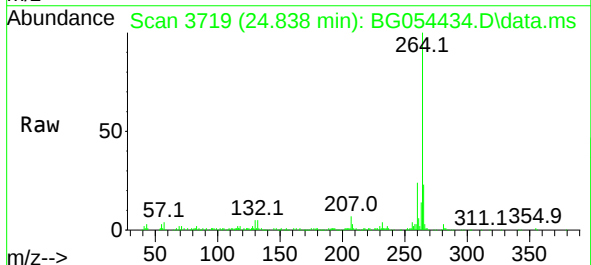
Instrument :
 BNA_G
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 RVE-16

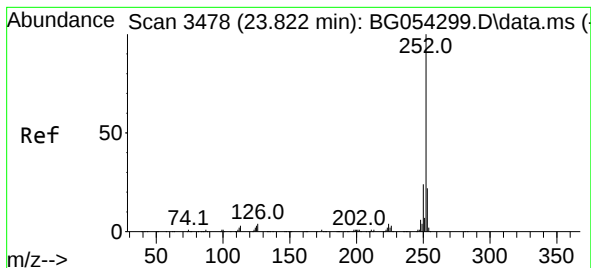
Tgt Ion:244 Resp: 512622
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.5 9.7
 122 4.4 5.0 7.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.838 min Scan# 3719
 Delta R.T. 0.005 min
 Lab File: BG054434.D
 Acq: 28 Jul 2022 16:26

Tgt Ion:264 Resp: 153043
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.0 28.6
 265 22.6 17.4 26.2





#88

Benzo(b)fluoranthene

Concen: 3.267 ng

RT: 23.833 min Scan# 31

Delta R.T. 0.010 min

Lab File: BG054434.D

Acq: 28 Jul 2022 16:26

Instrument :

BNA_G

ClientSampleId :

RVE-16

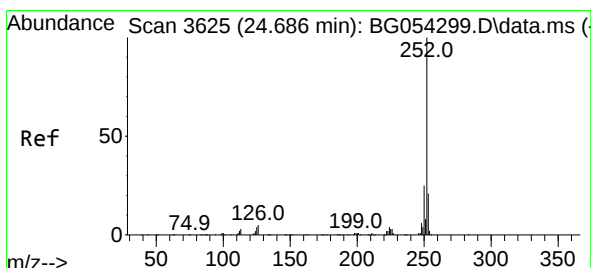
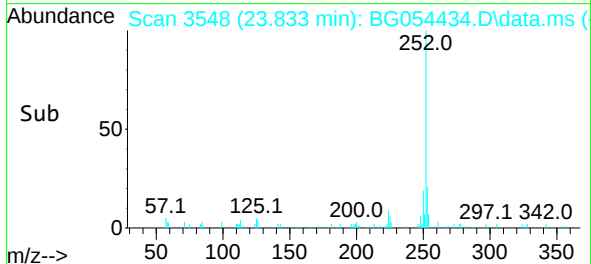
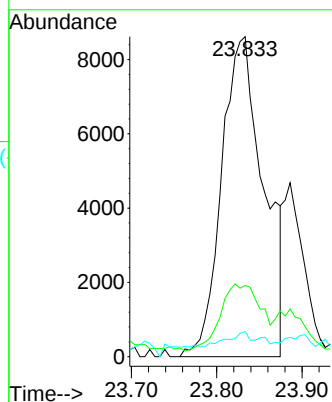
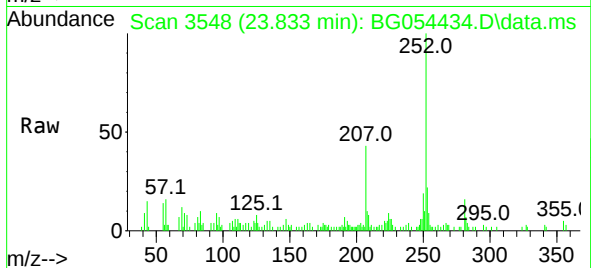
Tgt Ion:252 Resp: 29566

Ion Ratio Lower Upper

252 100

253 22.2 18.0 27.0

125 7.9 4.6 6.8#



#90

Benzo(a)pyrene

Concen: 2.660 ng

RT: 24.691 min Scan# 3694

Delta R.T. 0.005 min

Lab File: BG054434.D

Acq: 28 Jul 2022 16:26

Tgt Ion:252 Resp: 20562

Ion Ratio Lower Upper

252 100

253 26.8 17.8 26.8#

125 6.1 4.3 6.5

