

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102922\
 Data File : BG055374.D
 Acq On : 29 Oct 2022 20:53
 Operator : CG/JU
 Sample : N5313-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMPOSITE-SW-QUARTER

Quant Time: Oct 31 02:45:26 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 29 04:52:38 2022
 Response via : Initial Calibration

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

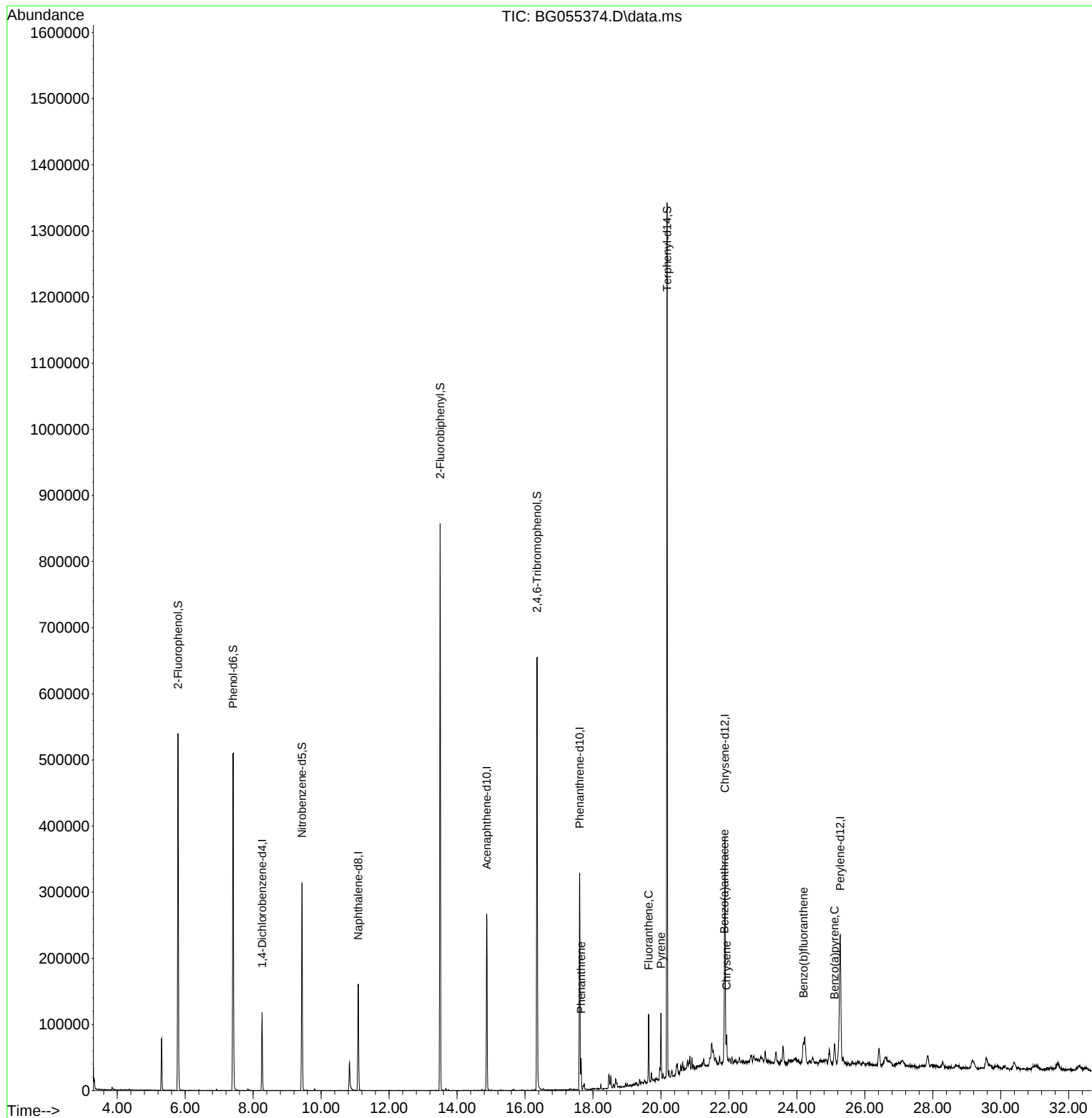
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.261	152	34879	20.000	ng	0.00
21) Naphthalene-d8	11.093	136	148551	20.000	ng	# 0.00
39) Acenaphthene-d10	14.871	164	97916	20.000	ng	0.00
64) Phenanthrene-d10	17.609	188	210401	20.000	ng	# 0.00
76) Chrysene-d12	21.881	240	199568	20.000	ng	# 0.00
86) Perylene-d12	25.277	264	217525	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.788	112	246832	123.913	ng	0.00
7) Phenol-d6	7.410	99	323617	112.137	ng	0.00
23) Nitrobenzene-d5	9.437	82	197442	67.869	ng	0.00
42) 2,4,6-Tribromophenol	16.352	330	143561	134.871	ng	0.00
45) 2-Fluorobiphenyl	13.502	172	460870	77.039	ng	0.00
79) Terphenyl-d14	20.183	244	683848	71.195	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.650	178	28092	2.504	ng	99
75) Fluoranthene	19.636	202	64116	4.904	ng	97
78) Pyrene	20.001	202	61436	4.491	ng	98
81) Benzo(a)anthracene	21.863	228	34464	2.572	ng	98
83) Chrysene	21.928	228	30307	2.381	ng	94
88) Benzo(b)fluoranthene	24.190	252	41451	3.168	ng	97
90) Benzo(a)pyrene	25.106	252	31406	2.799	ng	98

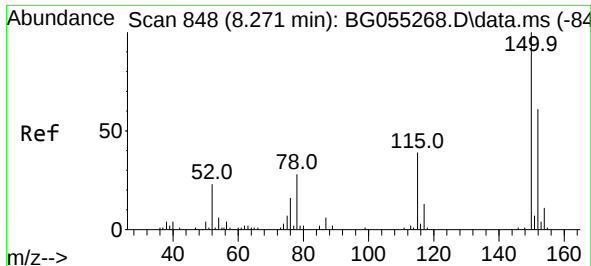
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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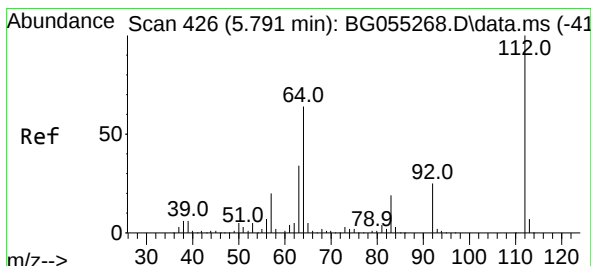
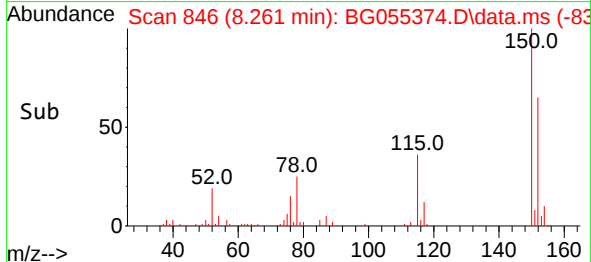
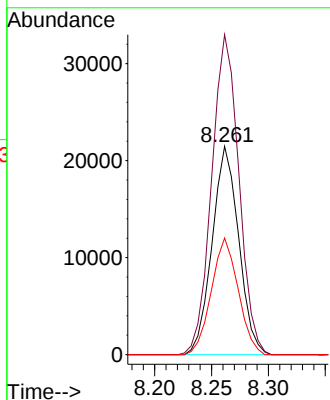
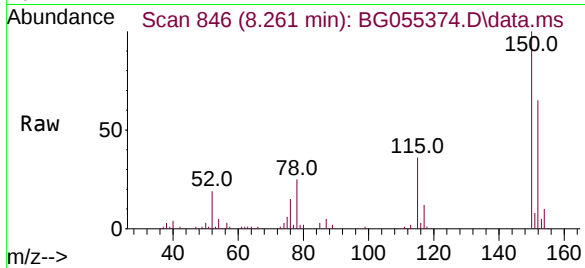




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.261 min Scan# 84
Delta R.T. -0.004 min
Lab File: BG055374.D
Acq: 29 Oct 2022 20:53

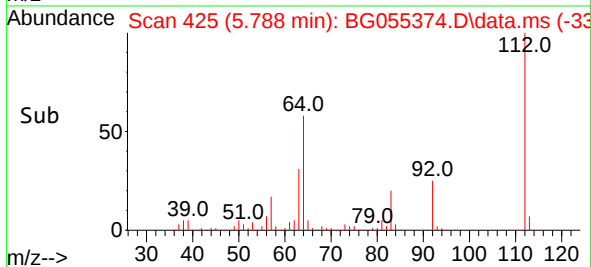
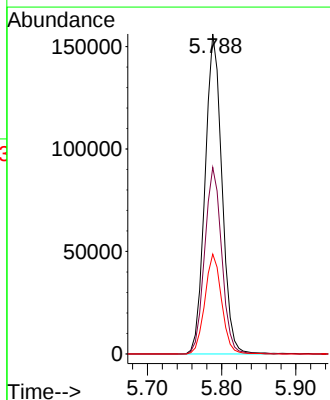
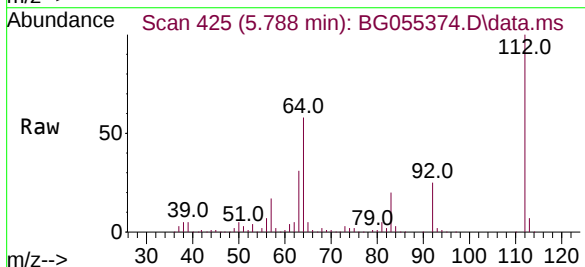
Instrument :
BNA_G
ClientSampleId :
COMPOSITE-SW-QUARTER

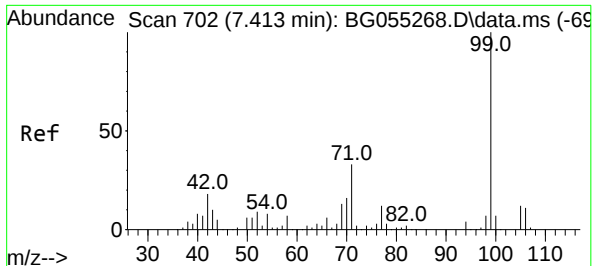
Tgt Ion:152 Resp: 34879
Ion Ratio Lower Upper
152 100
150 153.7 118.2 177.4
115 56.0 44.5 66.7



#5
2-Fluorophenol
Concen: 123.913 ng
RT: 5.788 min Scan# 425
Delta R.T. 0.003 min
Lab File: BG055374.D
Acq: 29 Oct 2022 20:53

Tgt Ion:112 Resp: 246832
Ion Ratio Lower Upper
112 100
64 58.3 52.6 78.8
63 31.2 27.1 40.7

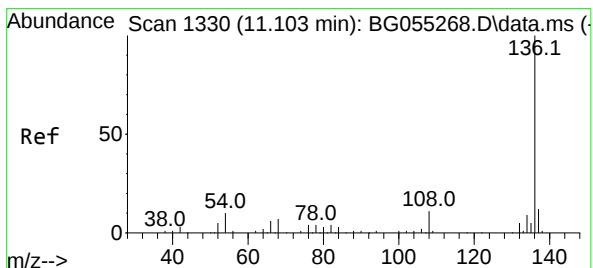
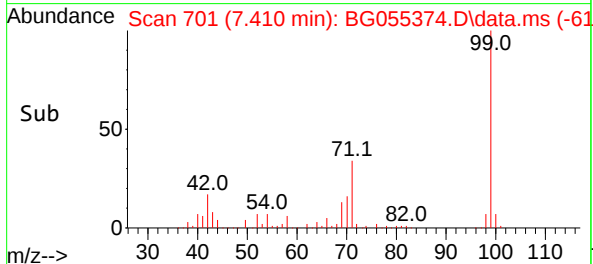
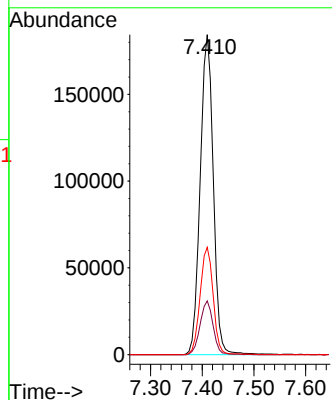
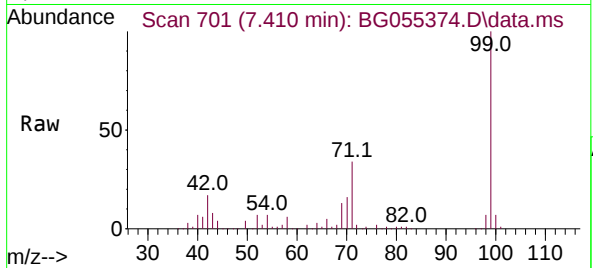




#7
Phenol-d6
Concen: 112.137 ng
RT: 7.410 min Scan# 702
Delta R.T. -0.003 min
Lab File: BG055374.D
Acq: 29 Oct 2022 20:53

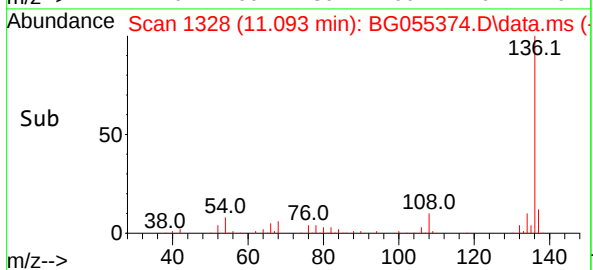
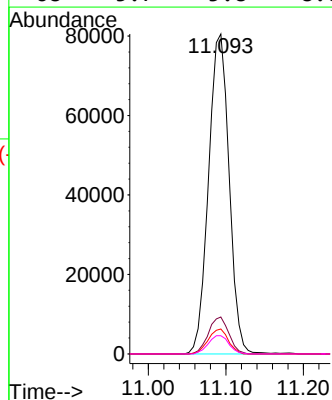
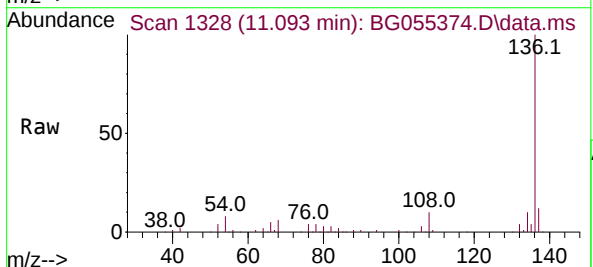
Instrument :
BNA_G
ClientSampleId :
COMPOSITE-SW-QUARTER

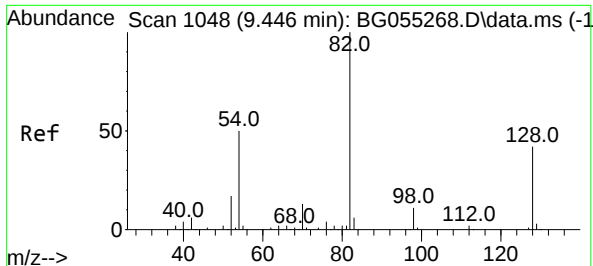
Tgt Ion: 99 Resp: 323617
Ion Ratio Lower Upper
99 100
42 16.8 15.2 22.8
71 33.5 26.2 39.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.093 min Scan# 1328
Delta R.T. -0.003 min
Lab File: BG055374.D
Acq: 29 Oct 2022 20:53

Tgt Ion: 136 Resp: 148551
Ion Ratio Lower Upper
136 100
137 11.5 9.2 13.8
54 7.8 7.8 11.8#
68 5.7 5.8 8.6#





#23

Nitrobenzene-d5

Concen: 67.869 ng

RT: 9.437 min Scan# 1046

Delta R.T. -0.003 min

Lab File: BG055374.D

Acq: 29 Oct 2022 20:53

Instrument :

BNA_G

ClientSampleId :

COMPOSITE-SW-QUARTER

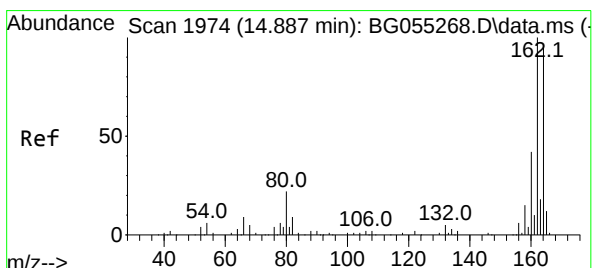
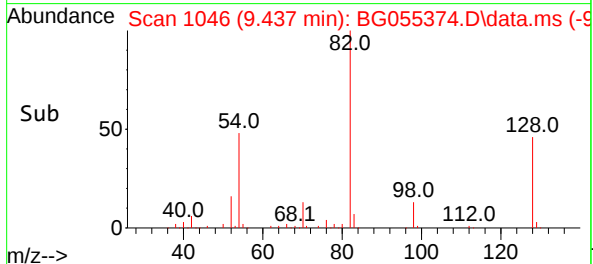
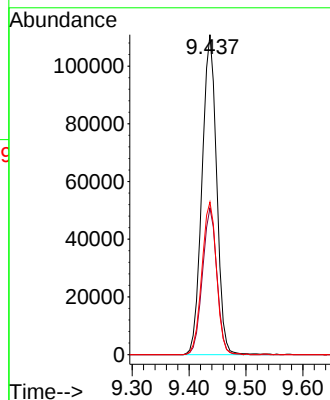
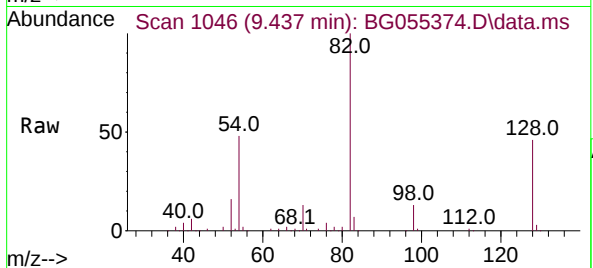
Tgt Ion: 82 Resp: 197442

Ion Ratio Lower Upper

82 100

128 45.8 32.0 48.0

54 47.7 40.9 61.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.871 min Scan# 1971

Delta R.T. -0.009 min

Lab File: BG055374.D

Acq: 29 Oct 2022 20:53

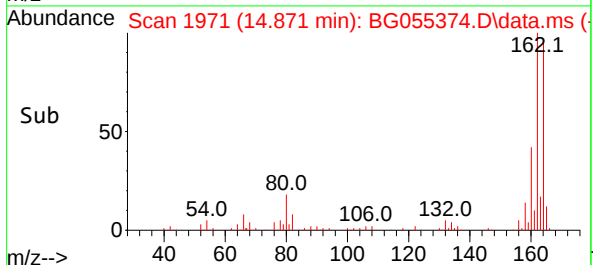
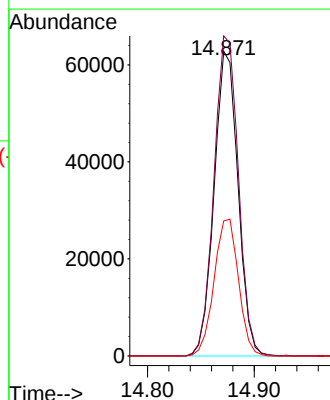
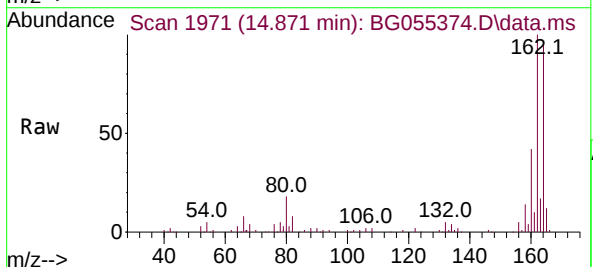
Tgt Ion:164 Resp: 97916

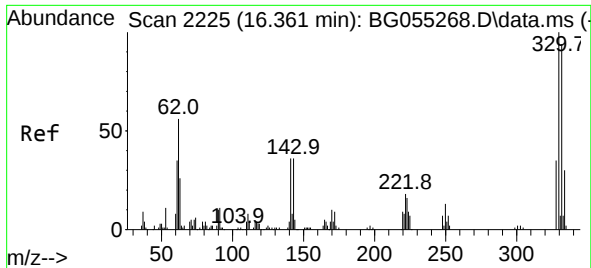
Ion Ratio Lower Upper

164 100

162 105.1 84.0 126.0

160 44.3 36.7 55.1

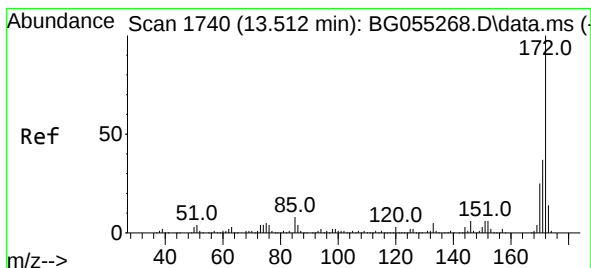
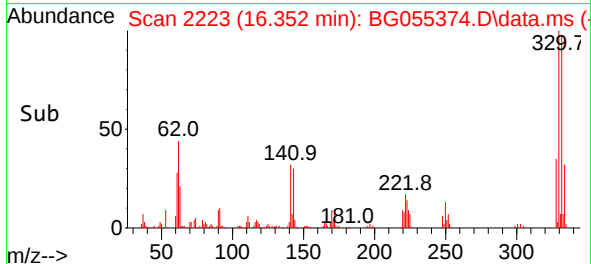
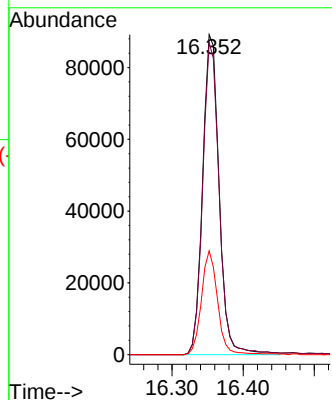
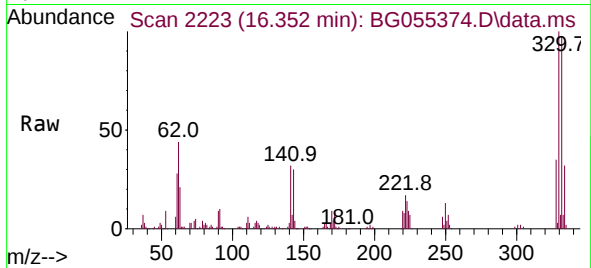




#42
 2,4,6-Tribromophenol
 Concen: 134.871 ng
 RT: 16.352 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BG055374.D
 Acq: 29 Oct 2022 20:53

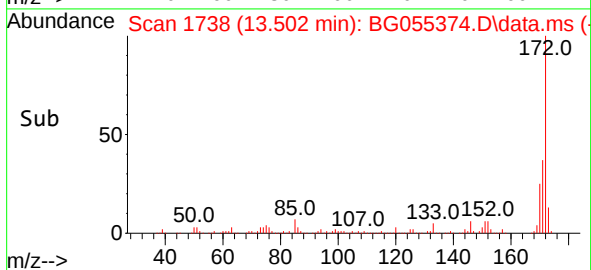
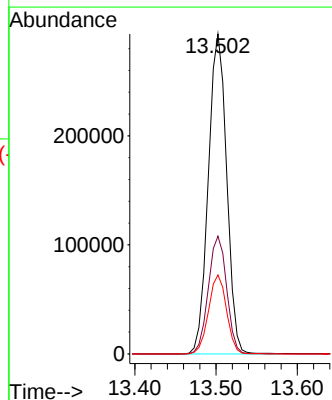
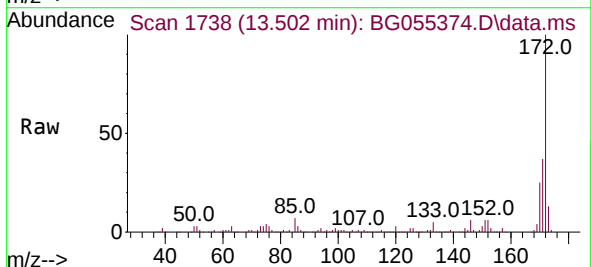
Instrument :
 BNA_G
 ClientSampleId :
 COMPOSITE-SW-QUARTER

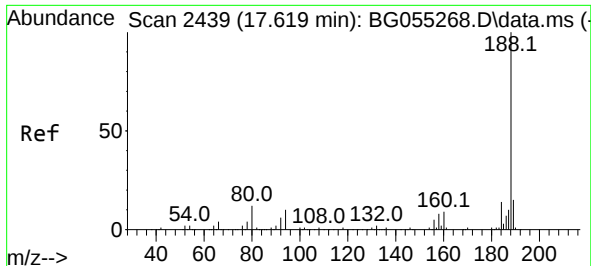
Tgt Ion:330 Resp: 143561
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.4 116.0
 141 31.7 29.8 44.8



#45
 2-Fluorobiphenyl
 Concen: 77.039 ng
 RT: 13.502 min Scan# 1738
 Delta R.T. -0.009 min
 Lab File: BG055374.D
 Acq: 29 Oct 2022 20:53

Tgt Ion:172 Resp: 460870
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.7 44.5
 170 24.7 20.2 30.2

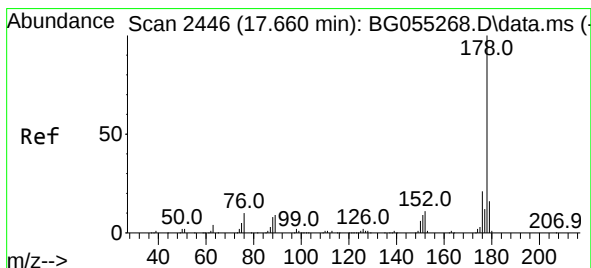
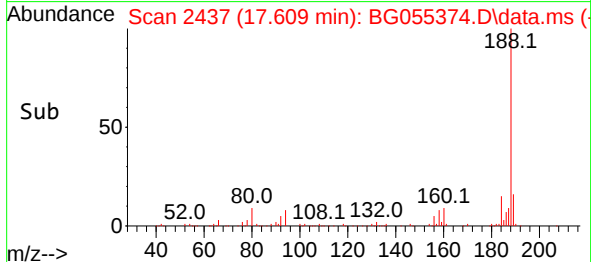
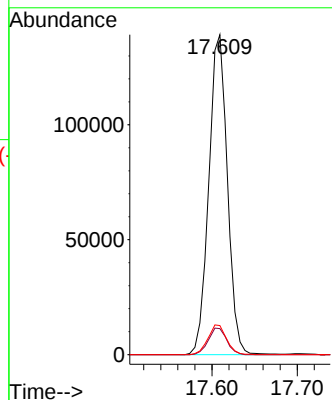
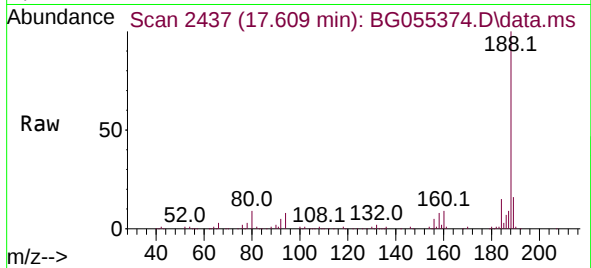




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.609 min Scan# 2439
Delta R.T. -0.003 min
Lab File: BG055374.D
Acq: 29 Oct 2022 20:53

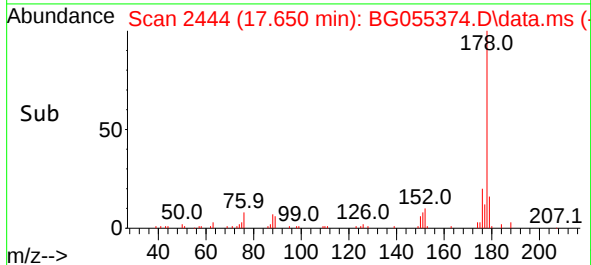
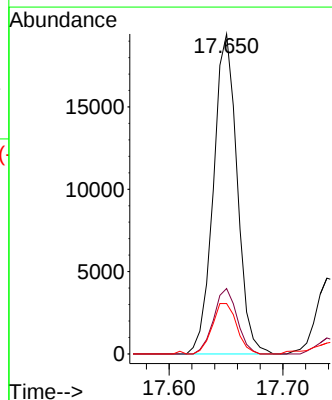
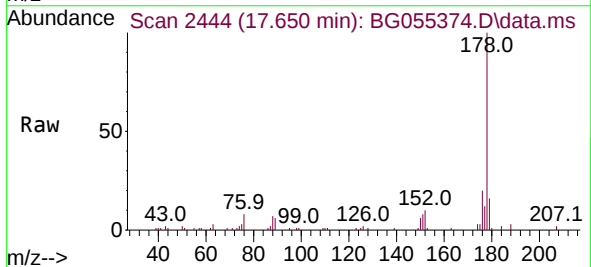
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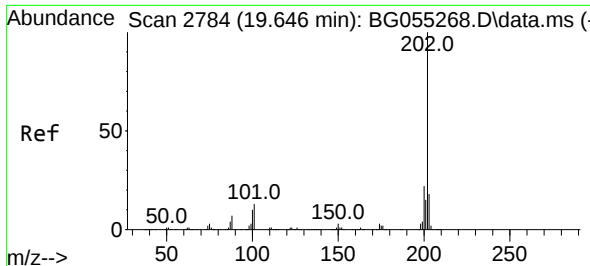
Tgt Ion:188 Resp: 210401
Ion Ratio Lower Upper
188 100
94 8.1 8.2 12.4#
80 9.1 10.1 15.1#



#71
Phenanthrene
Concen: 2.504 ng
RT: 17.650 min Scan# 2444
Delta R.T. -0.009 min
Lab File: BG055374.D
Acq: 29 Oct 2022 20:53

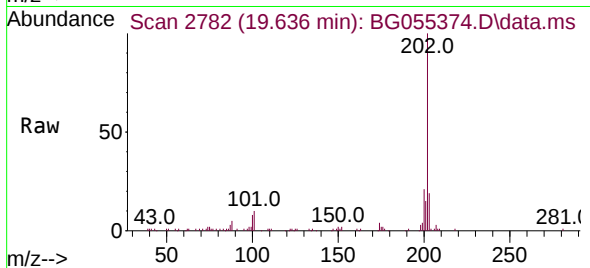
Tgt Ion:178 Resp: 28092
Ion Ratio Lower Upper
178 100
176 20.4 16.0 24.0
179 15.7 12.6 19.0



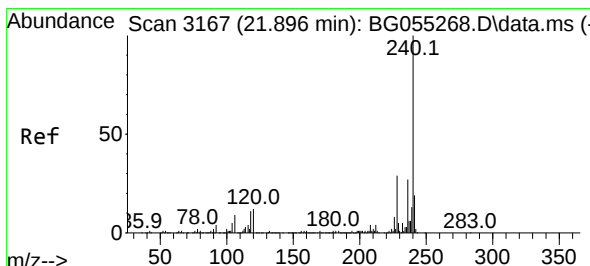
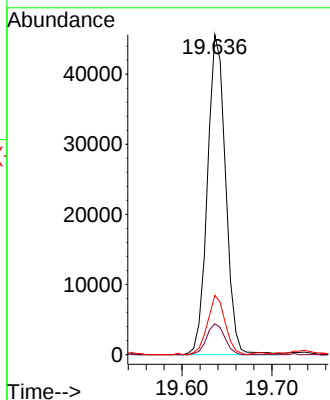
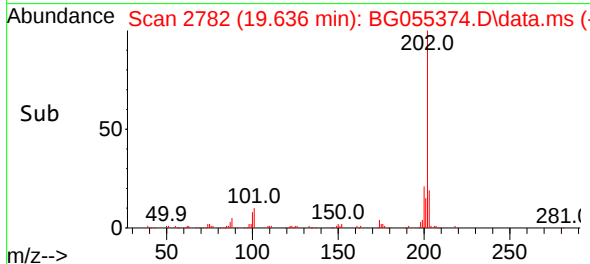


#75
Fluoranthene
Concen: 4.904 ng
RT: 19.636 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG055374.D
Acq: 29 Oct 2022 20:53

Instrument :
BNA_G
ClientSampleId :
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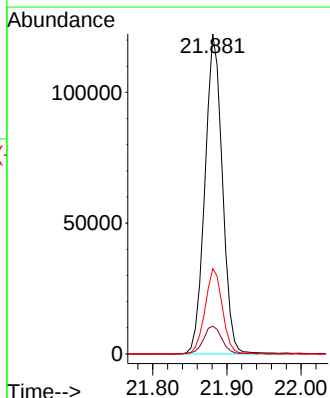
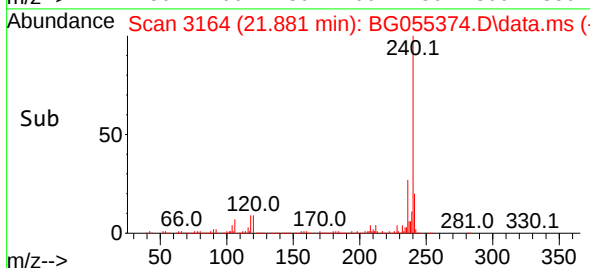
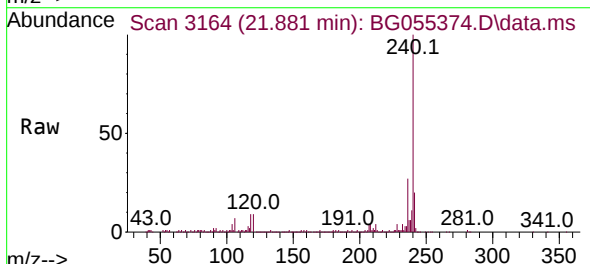


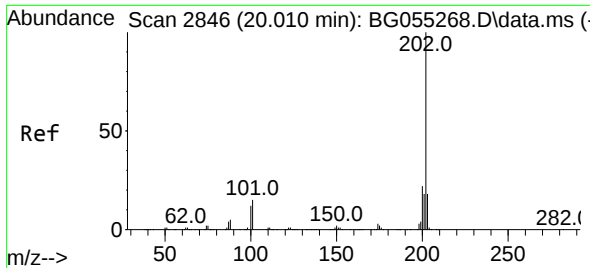
Tgt Ion:202 Resp: 64116
Ion Ratio Lower Upper
202 100
101 9.6 0.0 32.6
203 18.5 0.0 38.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.881 min Scan# 3164
Delta R.T. -0.009 min
Lab File: BG055374.D
Acq: 29 Oct 2022 20:53

Tgt Ion:240 Resp: 199568
Ion Ratio Lower Upper
240 100
120 8.7 8.9 13.3#
236 26.6 21.0 31.4

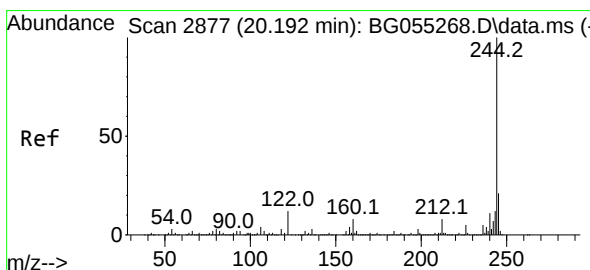
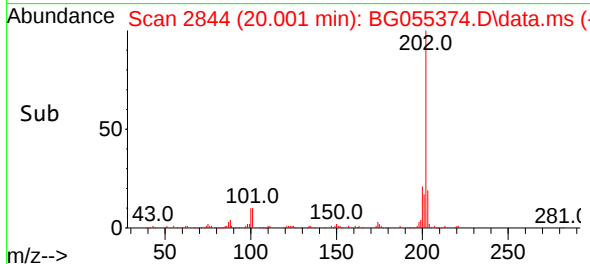
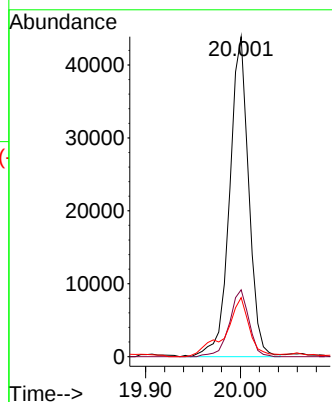
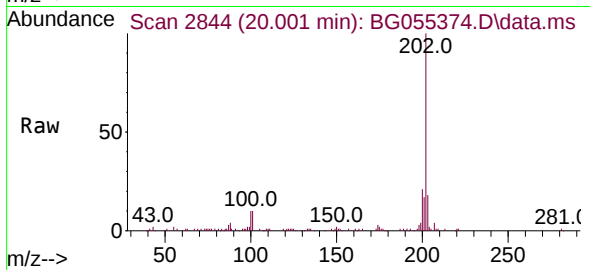




#78
 Pyrene
 Concen: 4.491 ng
 RT: 20.001 min Scan# 2844
 Delta R.T. -0.003 min
 Lab File: BG055374.D
 Acq: 29 Oct 2022 20:53

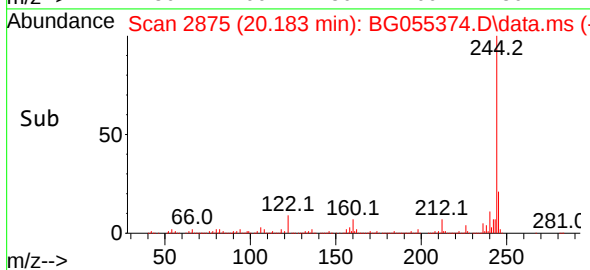
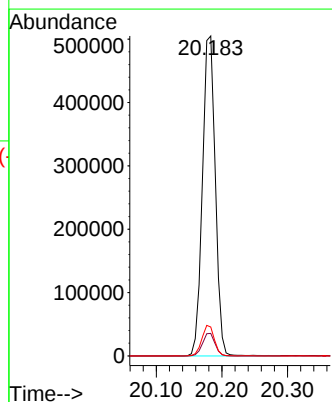
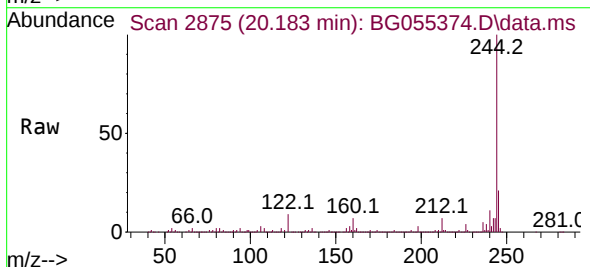
Instrument :
 BNA_G
 ClientSampleId :
 COMPOSITE-SW-QUARTER

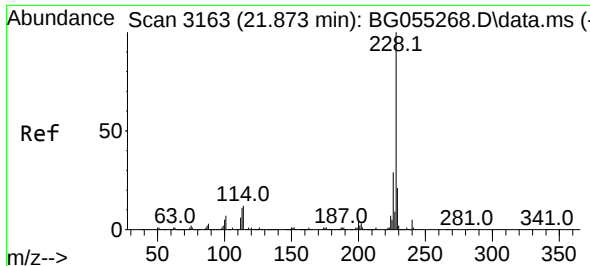
Tgt Ion:202 Resp: 61436
 Ion Ratio Lower Upper
 202 100
 200 20.9 18.0 27.0
 203 18.4 14.3 21.5



#79
 Terphenyl-d14
 Concen: 71.195 ng
 RT: 20.183 min Scan# 2875
 Delta R.T. -0.003 min
 Lab File: BG055374.D
 Acq: 29 Oct 2022 20:53

Tgt Ion:244 Resp: 683848
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 9.0 9.6 14.4#

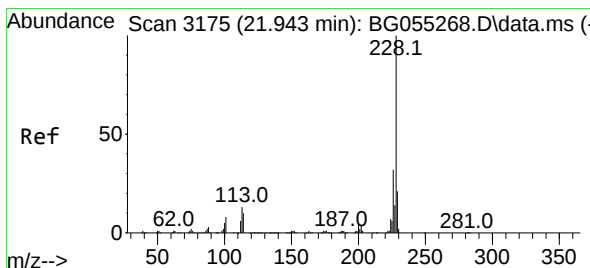
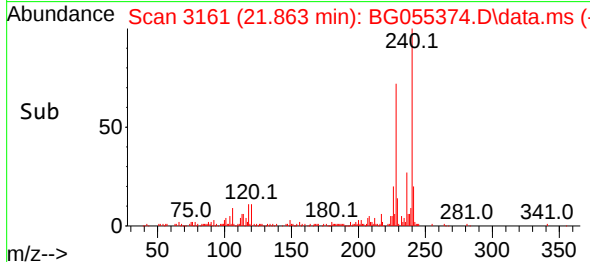
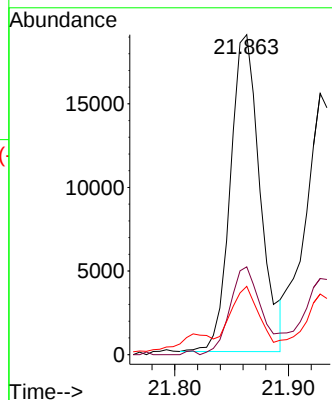
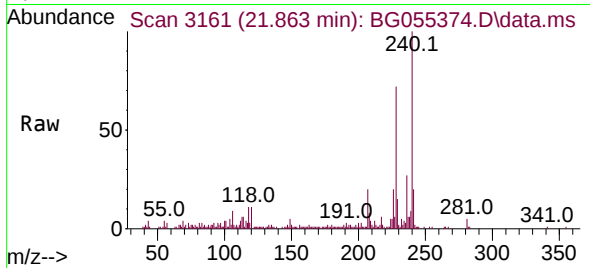




#81
Benzo(a)anthracene
Concen: 2.572 ng
RT: 21.863 min Scan# 3163
Delta R.T. -0.009 min
Lab File: BG055374.D
Acq: 29 Oct 2022 20:53

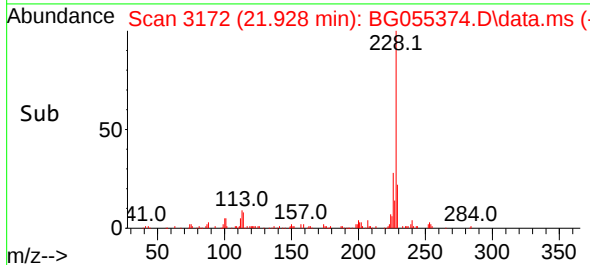
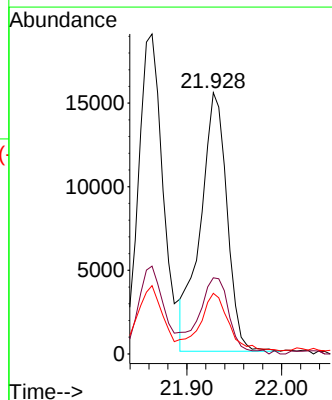
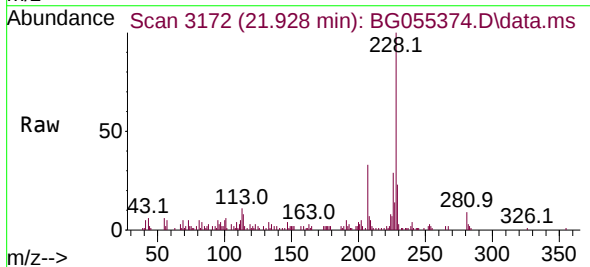
Instrument :
BNA_G
ClientSampleId :
COMPOSITE-SW-QUARTER

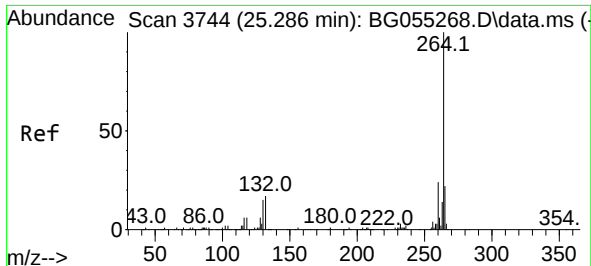
Tgt Ion:228 Resp: 34464
Ion Ratio Lower Upper
228 100
226 27.4 22.9 34.3
229 21.3 16.7 25.1



#83
Chrysene
Concen: 2.381 ng
RT: 21.928 min Scan# 3172
Delta R.T. -0.015 min
Lab File: BG055374.D
Acq: 29 Oct 2022 20:53

Tgt Ion:228 Resp: 30307
Ion Ratio Lower Upper
228 100
226 29.1 25.8 38.8
229 23.2 16.3 24.5

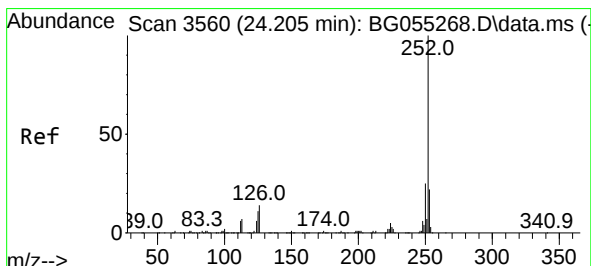
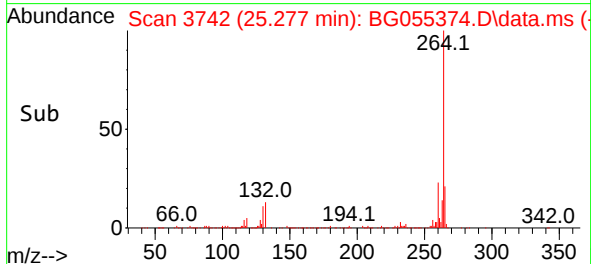
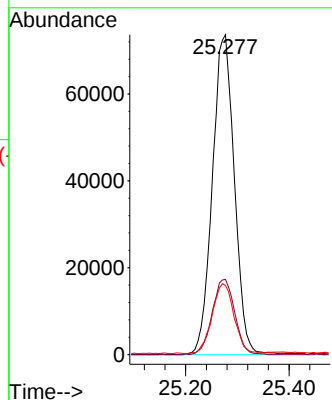
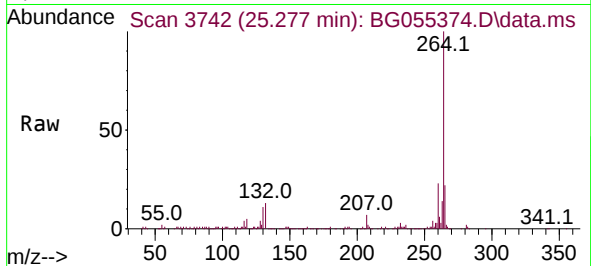




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.277 min Scan# 31
 Delta R.T. -0.009 min
 Lab File: BG055374.D
 Acq: 29 Oct 2022 20:53

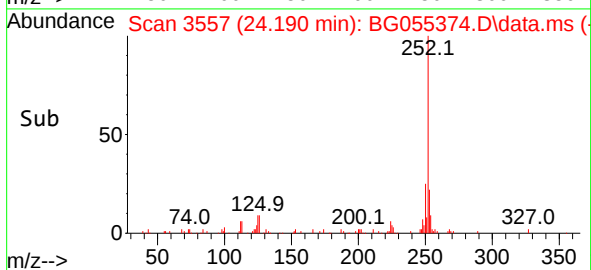
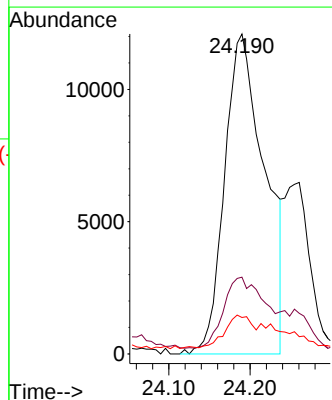
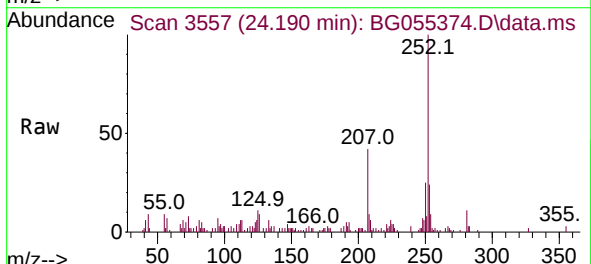
Instrument :
 BNA_G
 ClientSampleId :
 COMPOSITE-SW-QUARTER

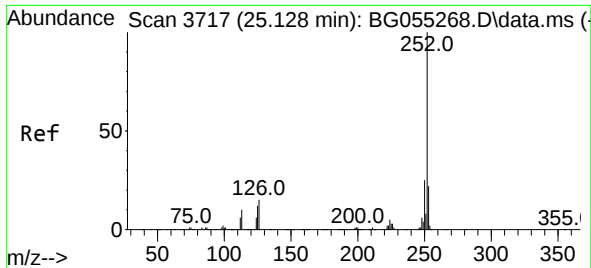
Tgt Ion:264 Resp: 217525
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.5 29.3
 265 21.6 17.4 26.2



#88
 Benzo(b)fluoranthene
 Concen: 3.168 ng
 RT: 24.190 min Scan# 3557
 Delta R.T. -0.009 min
 Lab File: BG055374.D
 Acq: 29 Oct 2022 20:53

Tgt Ion:252 Resp: 41451
 Ion Ratio Lower Upper
 252 100
 253 24.0 17.6 26.4
 125 11.4 9.0 13.4





#90

Benzo(a)pyrene

Concen: 2.799 ng

RT: 25.106 min Scan# 31

Delta R.T. -0.021 min

Lab File: BG055374.D

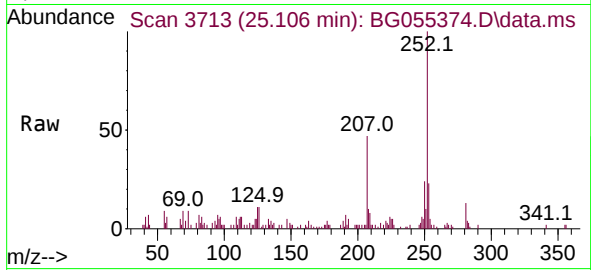
Acq: 29 Oct 2022 20:53

Instrument :

BNA_G

ClientSampleId :

COMPOSITE-SW-QUARTER



Tgt Ion:252 Resp: 31406

Ion Ratio Lower Upper

252 100

253 23.0 18.2 27.2

125 10.9 9.8 14.8

