

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020723\
 Data File : BG056571.D
 Acq On : 7 Feb 2023 17:21
 Operator : CG/JU
 Sample : 01462-22
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-4

Quant Time: Feb 08 03:06:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 08 03:02:11 2023
 Response via : Initial Calibration

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

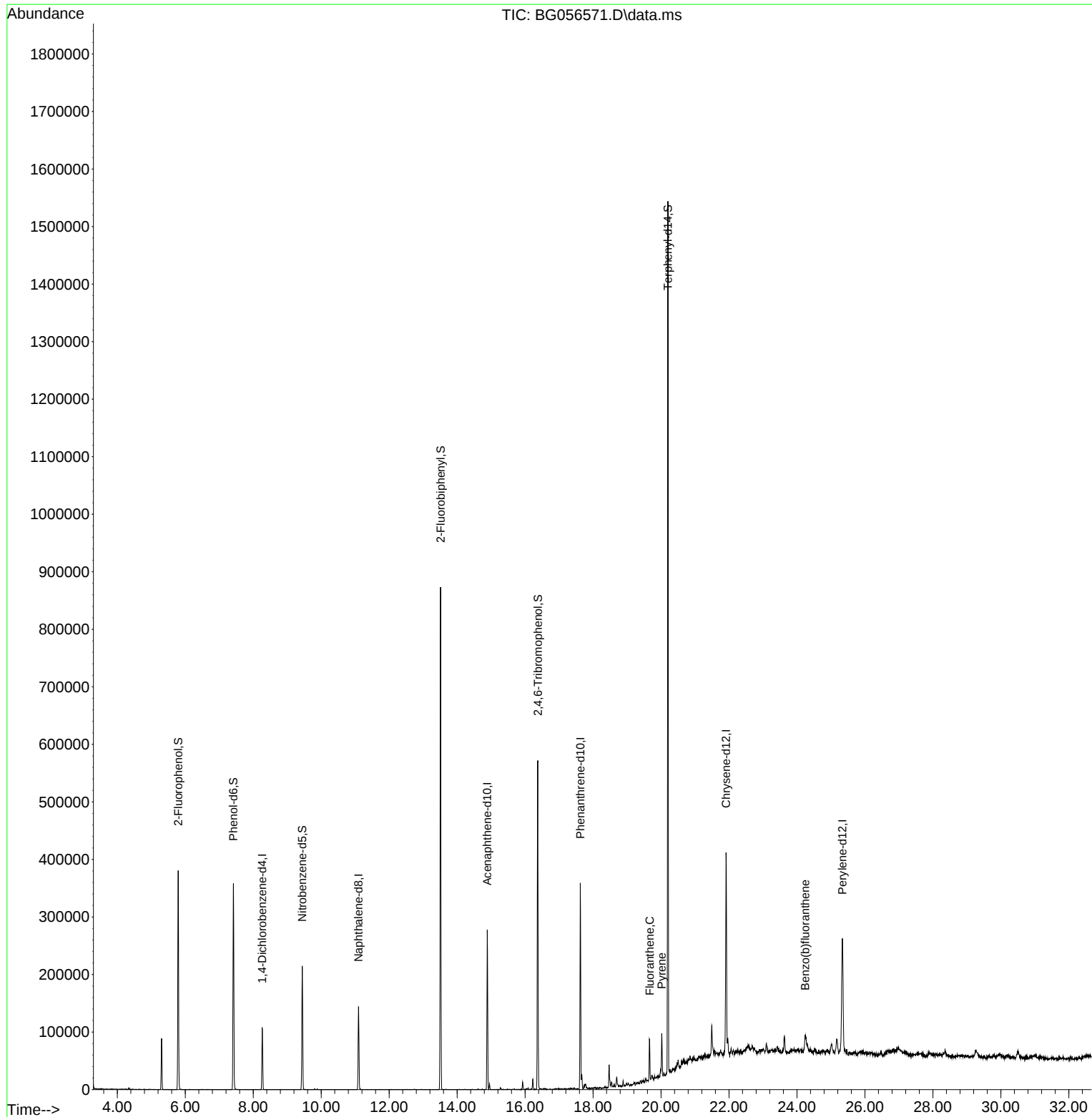
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.267	152	36414	20.000	ng	0.00
21) Naphthalene-d8	11.099	136	139049	20.000	ng	0.00
39) Acenaphthene-d10	14.888	164	106077	20.000	ng	0.00
64) Phenanthrene-d10	17.626	188	243157	20.000	ng	0.00
76) Chrysene-d12	21.915	240	225412	20.000	ng	0.00
86) Perylene-d12	25.335	264	245441	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.793	112	212964	107.586	ng	0.00
7) Phenol-d6	7.415	99	285001	97.173	ng	0.00
23) Nitrobenzene-d5	9.442	82	152806	62.403	ng	0.00
42) 2,4,6-Tribromophenol	16.375	330	129252	91.653	ng	0.00
45) 2-Fluorobiphenyl	13.513	172	490930	64.165	ng	0.00
79) Terphenyl-d14	20.206	244	822770	64.109	ng	0.00
Target Compounds						
75) Fluoranthene	19.665	202	50694	3.156	ng	Qvalue 98
78) Pyrene	20.023	202	50092	3.125	ng	100
88) Benzo(b)fluoranthene	24.242	252	34543	2.267	ng	# 90

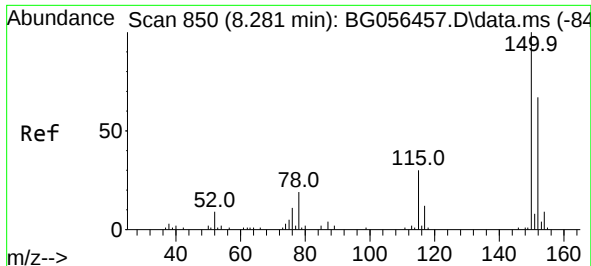
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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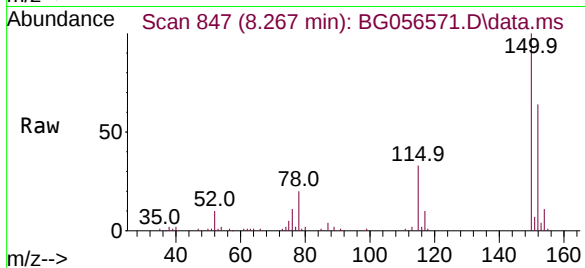
Quant Time: Feb 08 03:06:35 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



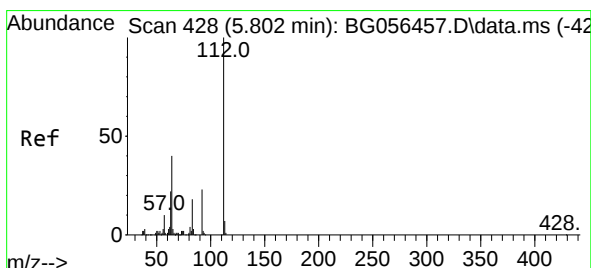
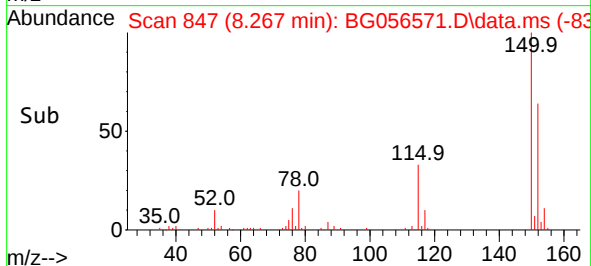
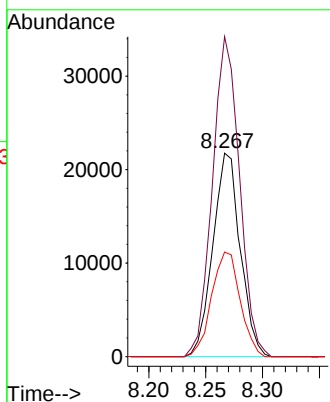


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.267 min Scan# 84
Delta R.T. -0.002 min
Lab File: BG056571.D
Acq: 7 Feb 2023 17:21

Instrument :
BNA_G
ClientSampleId :
COMP-4

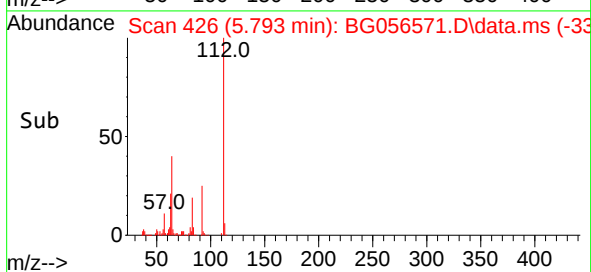
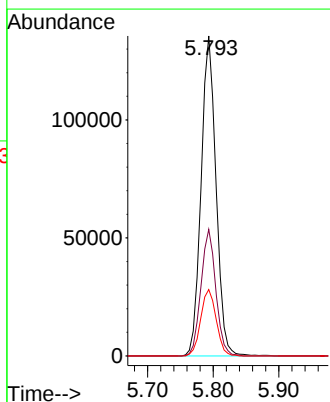
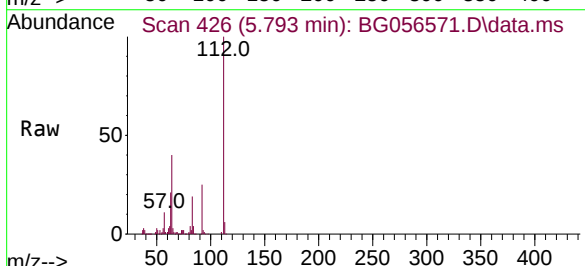


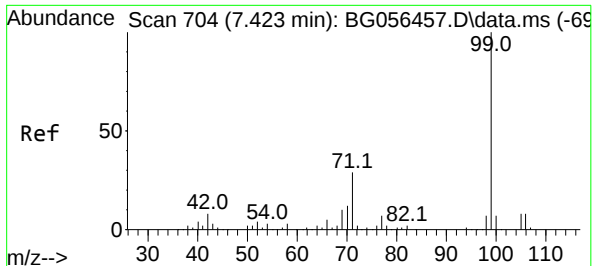
Tgt Ion:152 Resp: 36414
Ion Ratio Lower Upper
152 100
150 157.3 120.2 180.4
115 51.4 36.3 54.5



#5
2-Fluorophenol
Concen: 107.586 ng
RT: 5.793 min Scan# 426
Delta R.T. 0.003 min
Lab File: BG056571.D
Acq: 7 Feb 2023 17:21

Tgt Ion:112 Resp: 212964
Ion Ratio Lower Upper
112 100
64 39.5 31.9 47.9
63 20.7 17.4 26.0

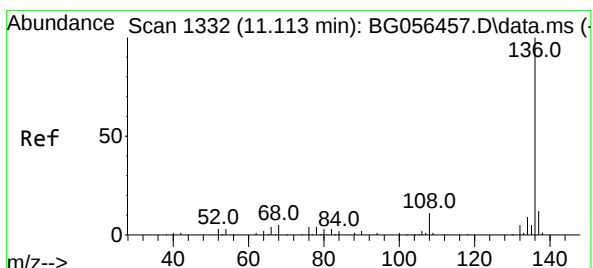
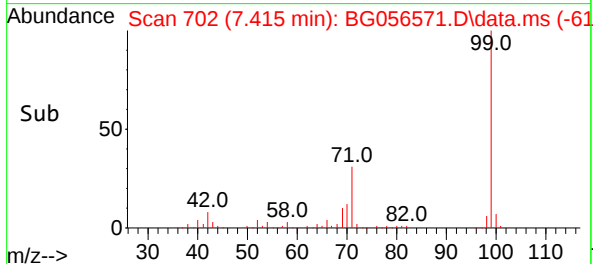
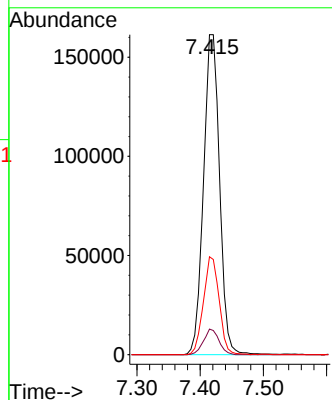
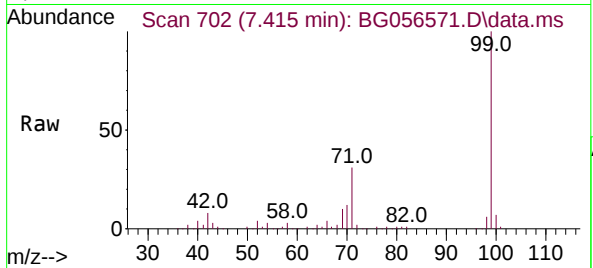




#7
Phenol-d6
Concen: 97.173 ng
RT: 7.415 min Scan# 704
Delta R.T. -0.003 min
Lab File: BG056571.D
Acq: 7 Feb 2023 17:21

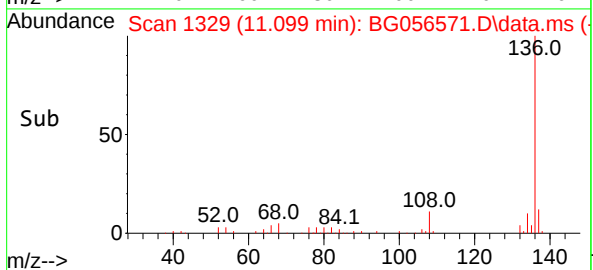
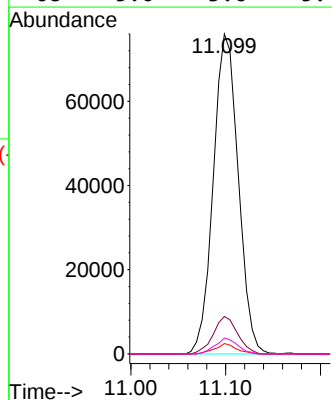
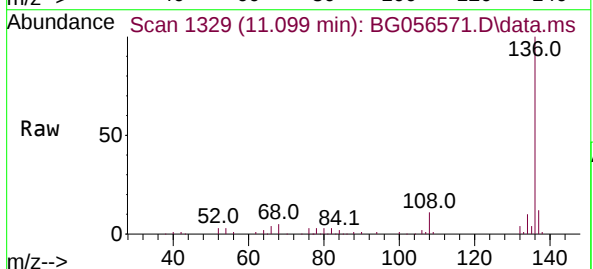
Instrument :
BNA_G
ClientSampleId :
COMP-4

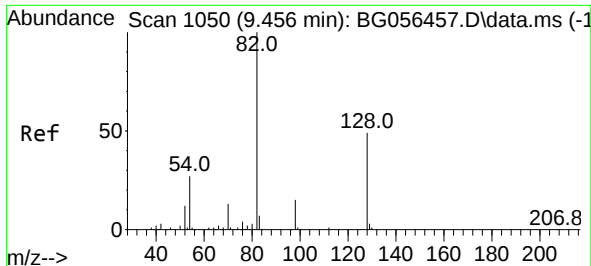
Tgt Ion: 99 Resp: 285001
Ion Ratio Lower Upper
99 100
42 8.0 6.6 10.0
71 30.6 23.4 35.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.099 min Scan# 1329
Delta R.T. -0.003 min
Lab File: BG056571.D
Acq: 7 Feb 2023 17:21

Tgt Ion: 136 Resp: 139049
Ion Ratio Lower Upper
136 100
137 11.7 9.4 14.0
54 3.3 2.2 3.4
68 5.0 3.6 5.4





#23

Nitrobenzene-d5

Concen: 62.403 ng

RT: 9.442 min Scan# 1047

Delta R.T. -0.003 min

Lab File: BG056571.D

Acq: 7 Feb 2023 17:21

Instrument :

BNA_G

ClientSampleId :

COMP-4

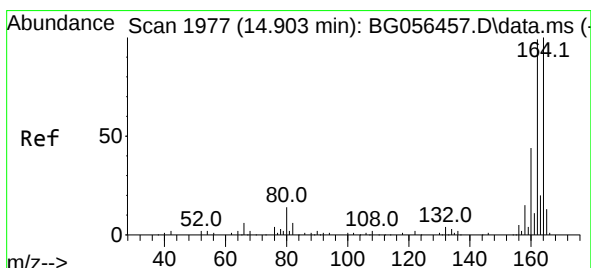
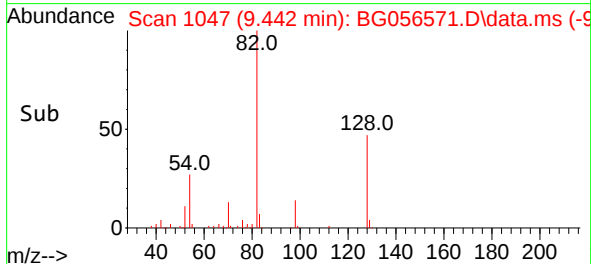
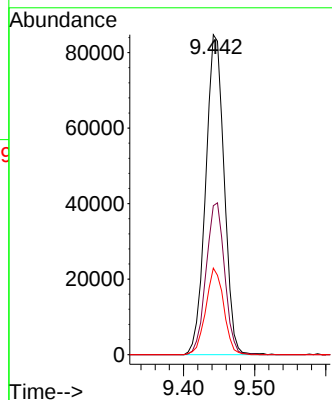
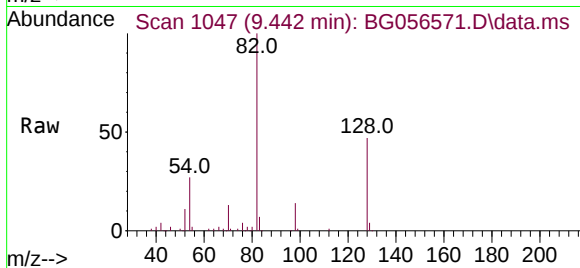
Tgt Ion: 82 Resp: 152806

Ion Ratio Lower Upper

82 100

128 46.5 39.4 59.2

54 27.0 21.4 32.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.888 min Scan# 1974

Delta R.T. -0.003 min

Lab File: BG056571.D

Acq: 7 Feb 2023 17:21

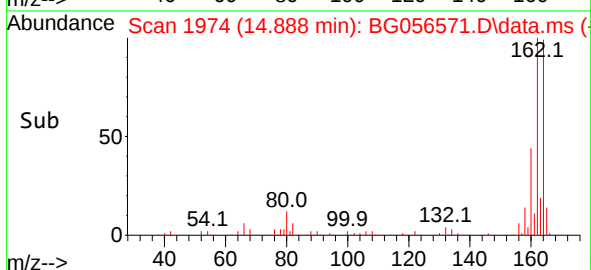
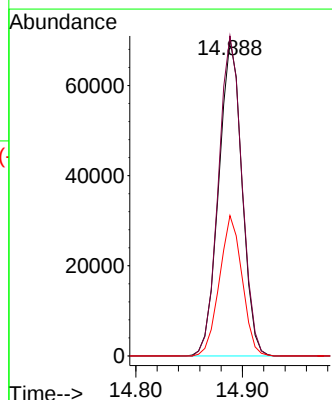
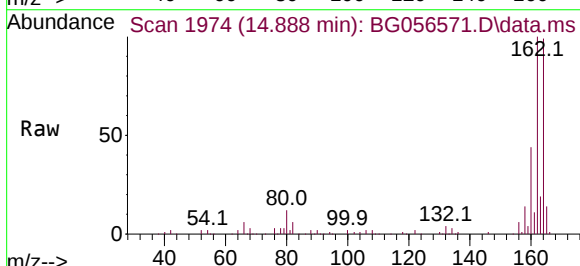
Tgt Ion:164 Resp: 106077

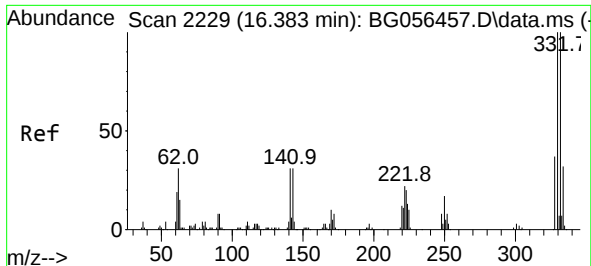
Ion Ratio Lower Upper

164 100

162 101.0 79.6 119.4

160 44.3 34.9 52.3

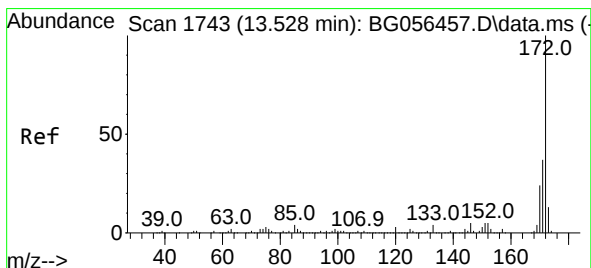
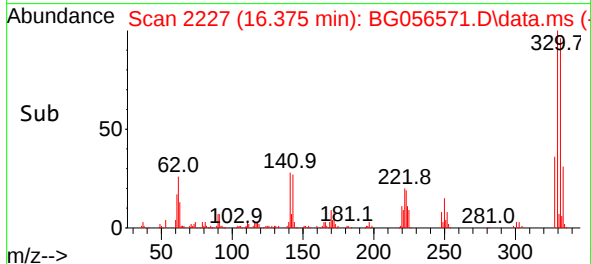
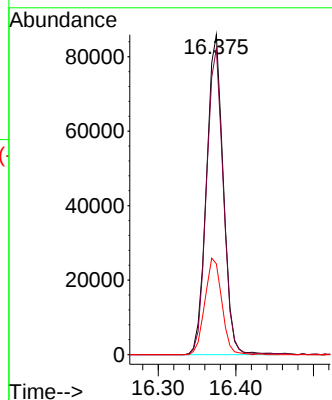
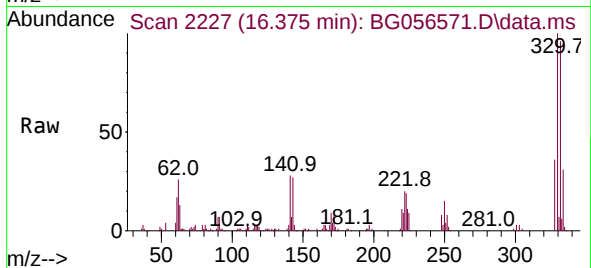




#42
2,4,6-Tribromophenol
Concen: 91.653 ng
RT: 16.375 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG056571.D
Acq: 7 Feb 2023 17:21

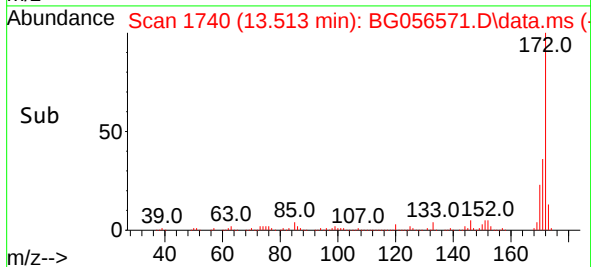
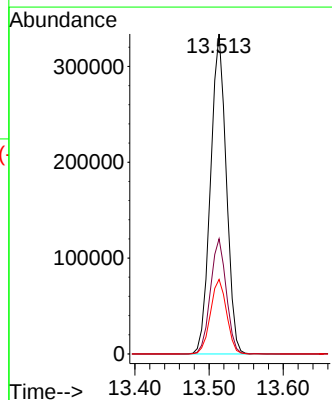
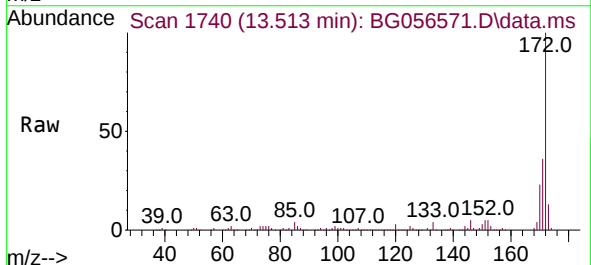
Instrument :
BNA_G
ClientSampleId :
COMP-4

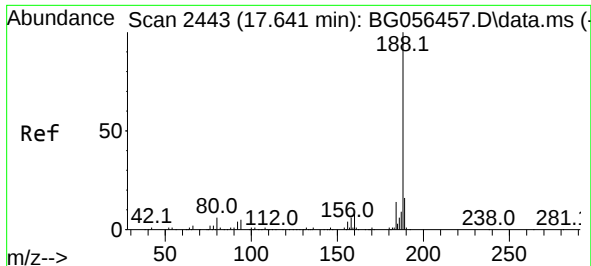
Tgt Ion:330 Resp: 129252
Ion Ratio Lower Upper
330 100
332 95.7 79.0 118.6
141 30.2 24.2 36.4



#45
2-Fluorobiphenyl
Concen: 64.165 ng
RT: 13.513 min Scan# 1740
Delta R.T. -0.003 min
Lab File: BG056571.D
Acq: 7 Feb 2023 17:21

Tgt Ion:172 Resp: 490930
Ion Ratio Lower Upper
172 100
171 36.0 29.5 44.3
170 23.3 19.2 28.8

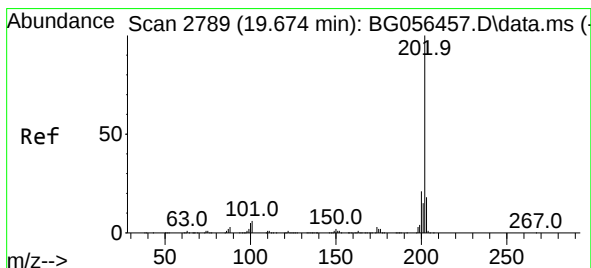
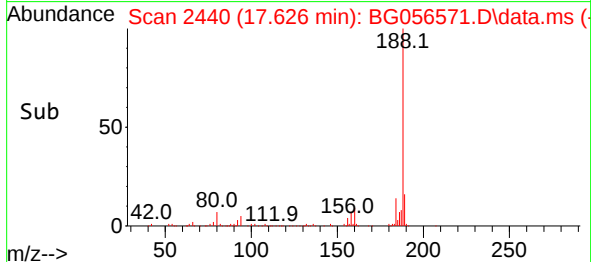
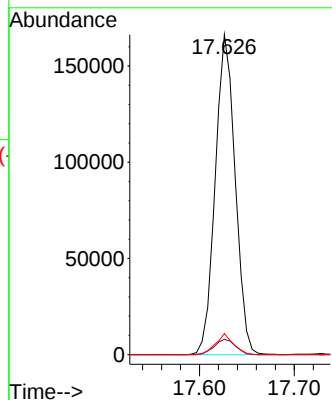
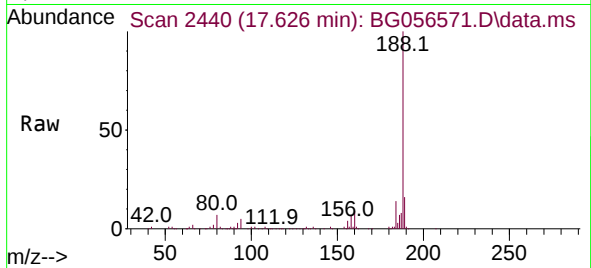




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.626 min Scan# 2443
Delta R.T. -0.003 min
Lab File: BG056571.D
Acq: 7 Feb 2023 17:21

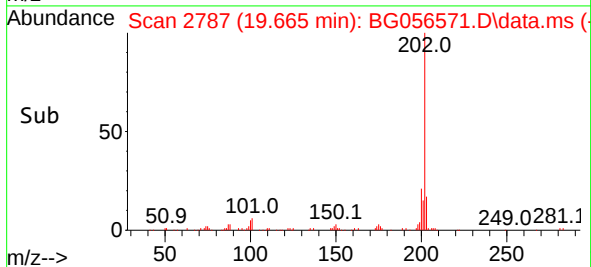
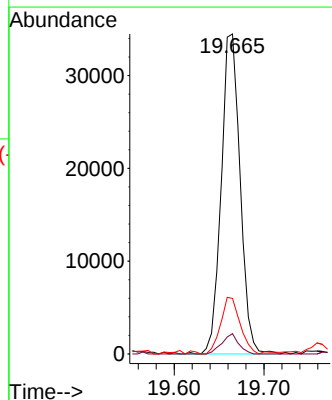
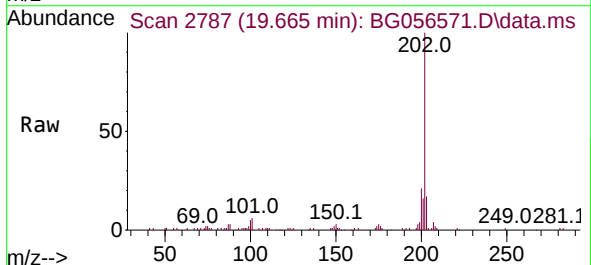
Instrument :
BNA_G
ClientSampleId :
COMP-4

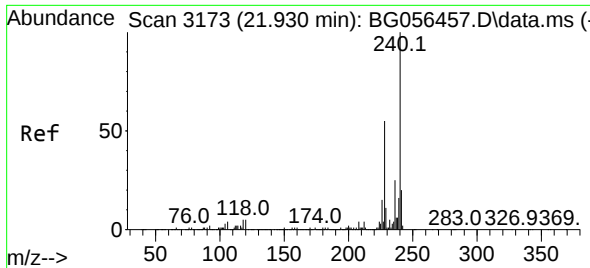
Tgt Ion:188 Resp: 243157
Ion Ratio Lower Upper
188 100
94 4.8 4.1 6.1
80 6.6 5.0 7.4



#75
Fluoranthene
Concen: 3.156 ng
RT: 19.665 min Scan# 2787
Delta R.T. -0.003 min
Lab File: BG056571.D
Acq: 7 Feb 2023 17:21

Tgt Ion:202 Resp: 50694
Ion Ratio Lower Upper
202 100
101 6.3 0.0 25.6
203 17.3 0.0 38.1

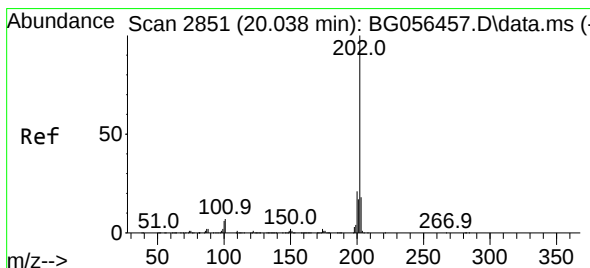
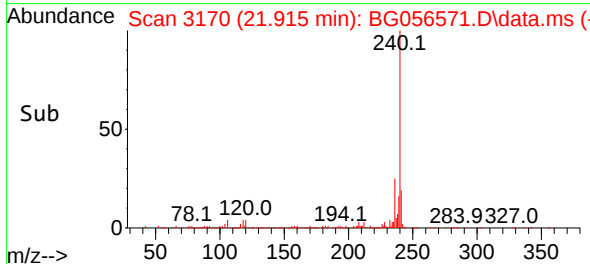
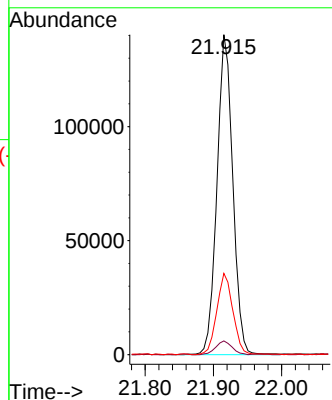
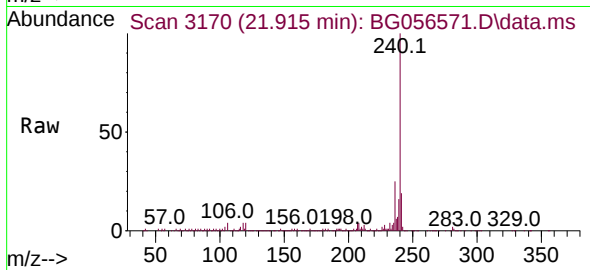




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.915 min Scan# 3170
Delta R.T. -0.009 min
Lab File: BG056571.D
Acq: 7 Feb 2023 17:21

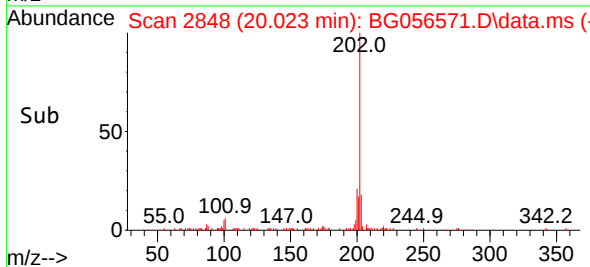
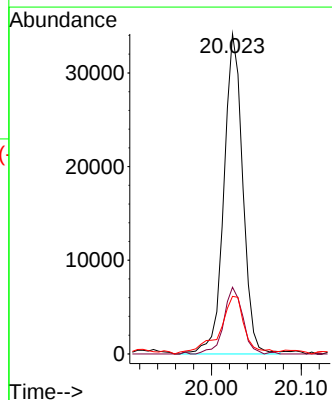
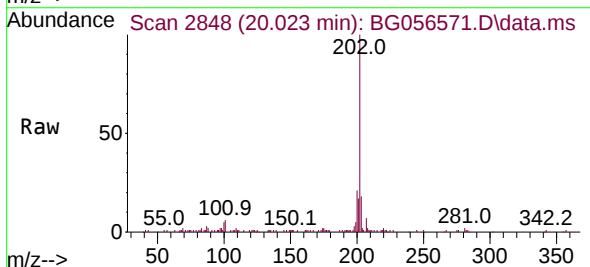
Instrument :
BNA_G
ClientSampleId :
COMP-4

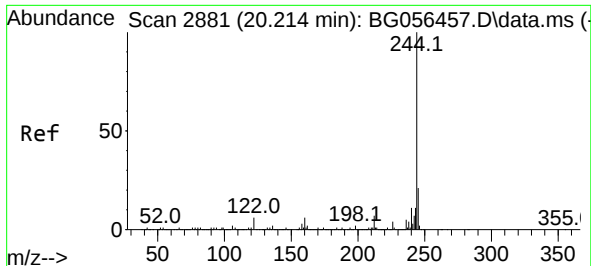
Tgt Ion:240 Resp: 225412
Ion Ratio Lower Upper
240 100
120 4.3 3.8 5.8
236 25.4 20.2 30.2



#78
Pyrene
Concen: 3.125 ng
RT: 20.023 min Scan# 2848
Delta R.T. -0.003 min
Lab File: BG056571.D
Acq: 7 Feb 2023 17:21

Tgt Ion:202 Resp: 50092
Ion Ratio Lower Upper
202 100
200 20.8 16.7 25.1
203 18.0 14.4 21.6

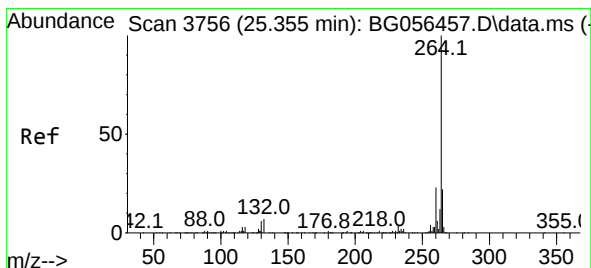
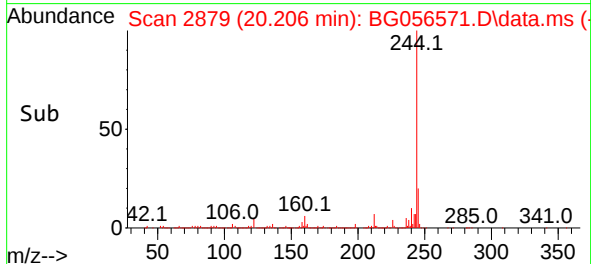
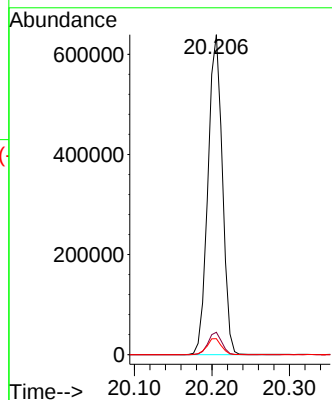
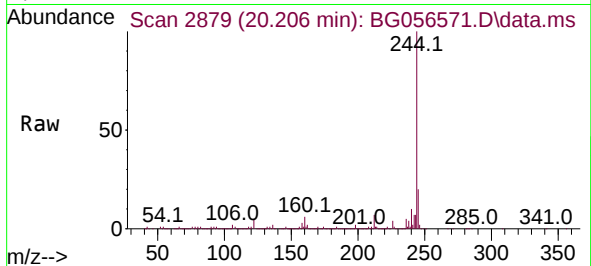




#79
 Terphenyl-d14
 Concen: 64.109 ng
 RT: 20.206 min Scan# 2881
 Delta R.T. -0.003 min
 Lab File: BG056571.D
 Acq: 7 Feb 2023 17:21

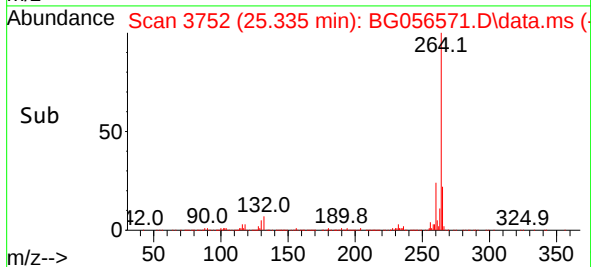
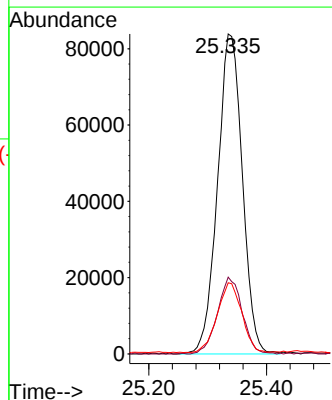
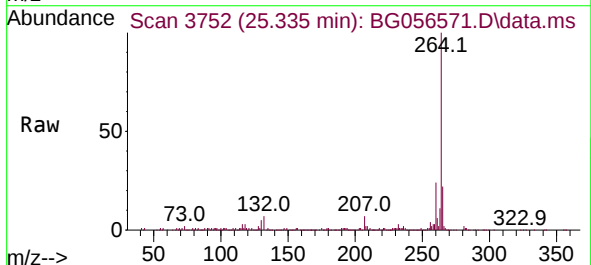
Instrument :
 BNA_G
 ClientSampleId :
 COMP-4

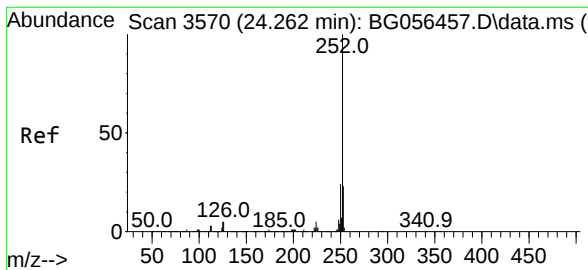
Tgt Ion:244 Resp: 822770
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.5 8.3
 122 5.0 4.4 6.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.335 min Scan# 3752
 Delta R.T. -0.003 min
 Lab File: BG056571.D
 Acq: 7 Feb 2023 17:21

Tgt Ion:264 Resp: 245441
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.2 27.4
 265 22.2 18.1 27.1





#88

Benzo(b)fluoranthene

Concen: 2.267 ng

RT: 24.242 min Scan# 3566

Delta R.T. -0.009 min

Lab File: BG056571.D

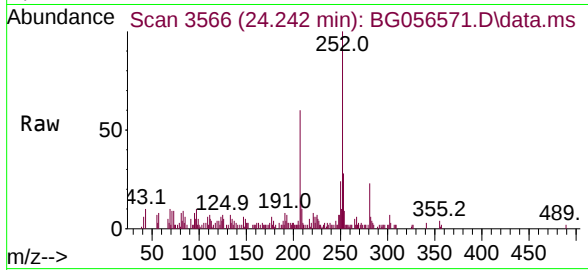
Acq: 7 Feb 2023 17:21

Instrument :

BNA_G

ClientSampleId :

COMP-4



Tgt Ion:252 Resp: 34543

Ion Ratio Lower Upper

252 100

253 27.9 18.1 27.1#

125 6.7 3.9 5.9#

