

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041324\
 Data File : BG060888.D
 Acq On : 13 Apr 2024 11:04
 Operator : MA/JU
 Sample : PB160200BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB160200BL

Quant Time: Apr 15 01:14:16 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 30 03:12:26 2024
 Response via : Initial Calibration

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

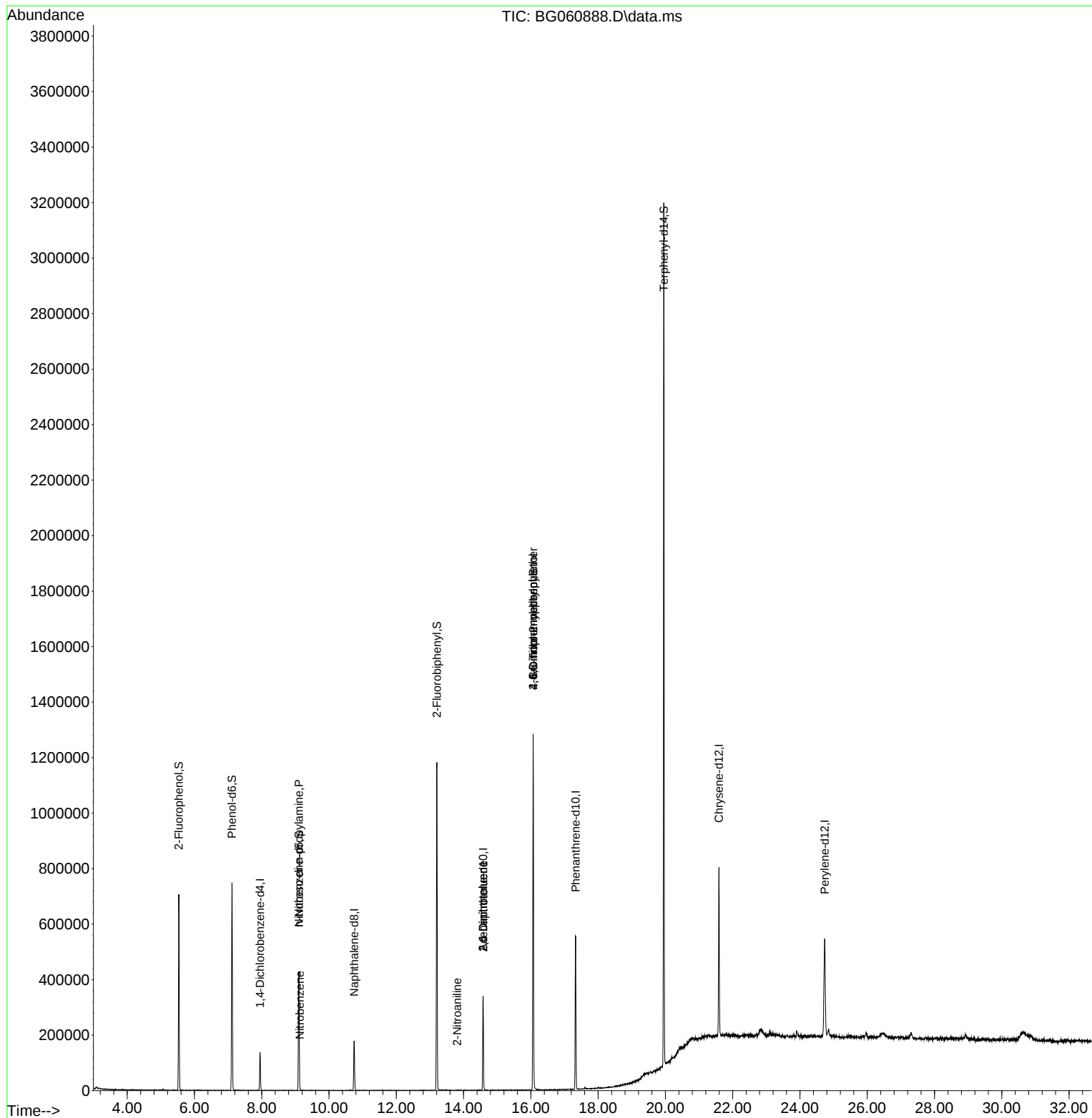
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.949	152	36179	20.000	ng	-0.01
21) Naphthalene-d8	10.746	136	144207	20.000	ng	-0.01
39) Acenaphthene-d10	14.583	164	125400	20.000	ng	0.00
64) Phenanthrene-d10	17.332	188	366735	20.000	ng	0.00
76) Chrysene-d12	21.592	240	350078	20.000	ng	-0.01
86) Perylene-d12	24.735	264	399072	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	260308	119.861	ng	0.00
7) Phenol-d6	7.115	99	373964	116.004	ng	0.00
23) Nitrobenzene-d5	9.107	82	229702	90.891	ng	0.00
42) 2,4,6-Tribromophenol	16.069	330	259207	182.092	ng	0.00
45) 2-Fluorobiphenyl	13.208	172	638671	74.747	ng	-0.01
79) Terphenyl-d14	19.953	244	1569508	78.944	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.107	70	32398	13.179	ng	# 76
24) Nitrobenzene	9.130	77	69	2.796	ng	# 42
48) 2-Nitroaniline	13.807	65	57	2.818	ng	# 11
51) 2,6-Dinitrotoluene	14.583	165	15738	11.717	ng	# 17
57) 2,4-Dinitrotoluene	14.583	165	15738	9.872	ng	# 18
65) 4,6-Dinitro-2-methylph...	16.069	198	628	7.388	ng	# 3
67) 4-Bromophenyl-phenylether	16.069	248	16888	4.537	ng	# 1

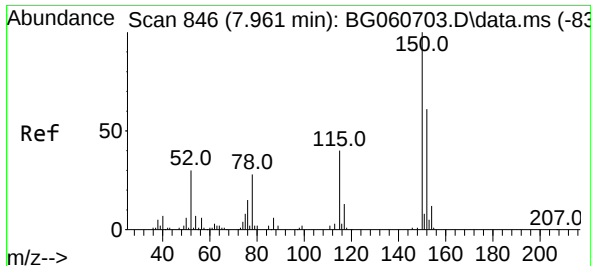
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041324\
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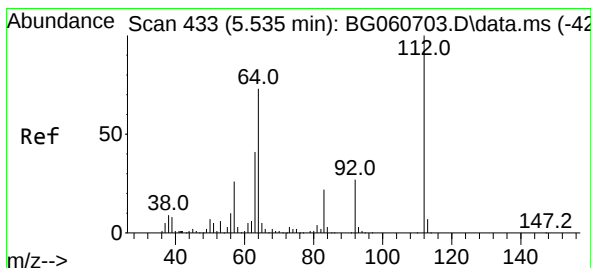
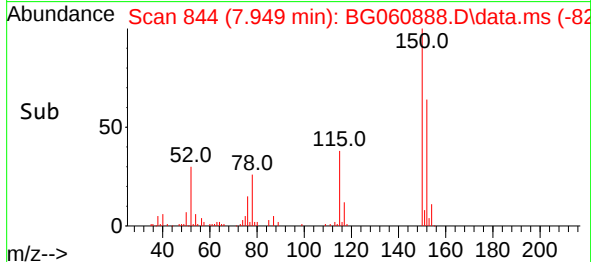
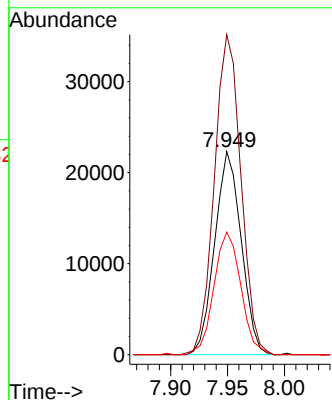
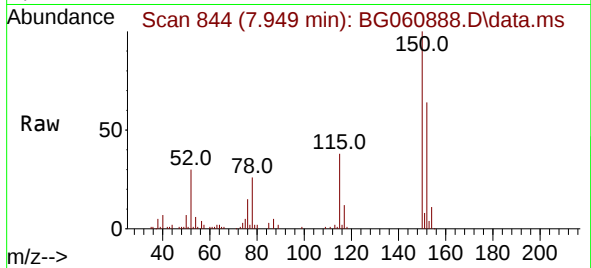




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.949 min Scan# 846
Delta R.T. -0.012 min
Lab File: BG060888.D
Acq: 13 Apr 2024 11:04

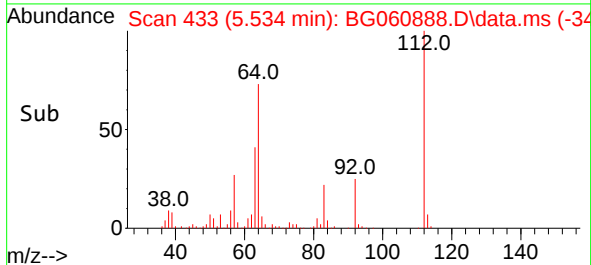
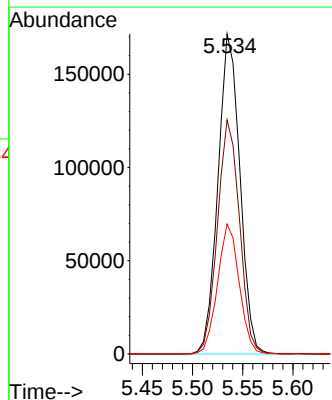
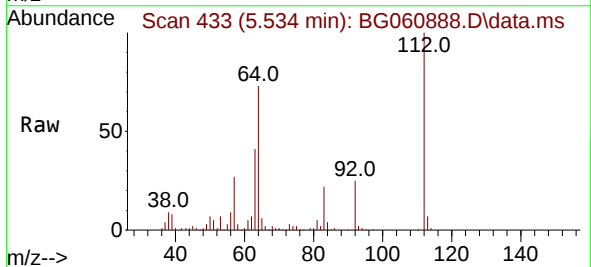
Instrument :
BNA_G
ClientSampleId :
PB160200BL

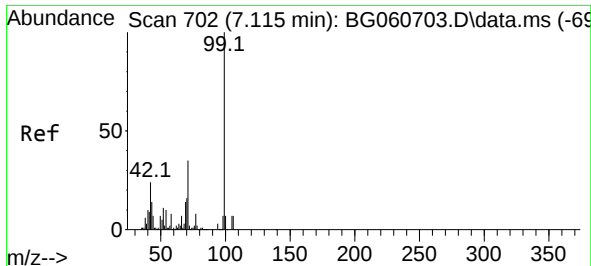
Tgt Ion:152 Resp: 36179
Ion Ratio Lower Upper
152 100
150 157.4 130.2 195.4
115 60.3 51.6 77.4



#5
2-Fluorophenol
Concen: 119.861 ng
RT: 5.534 min Scan# 433
Delta R.T. -0.000 min
Lab File: BG060888.D
Acq: 13 Apr 2024 11:04

Tgt Ion:112 Resp: 260308
Ion Ratio Lower Upper
112 100
64 73.1 58.4 87.6
63 40.6 32.7 49.1

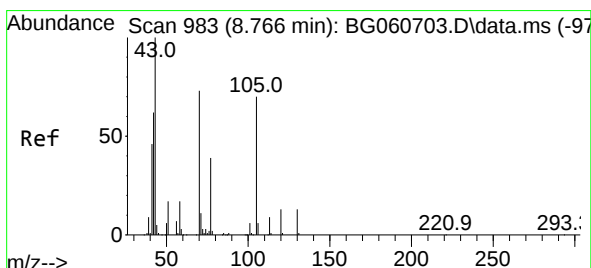
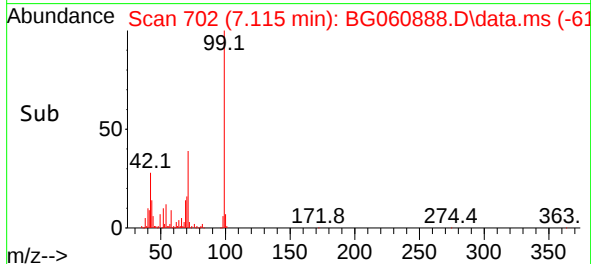
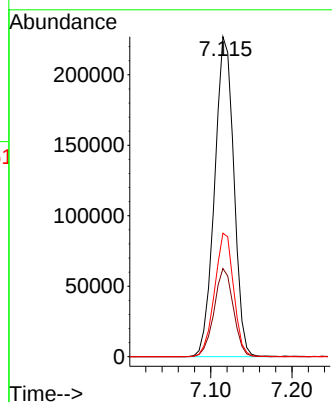
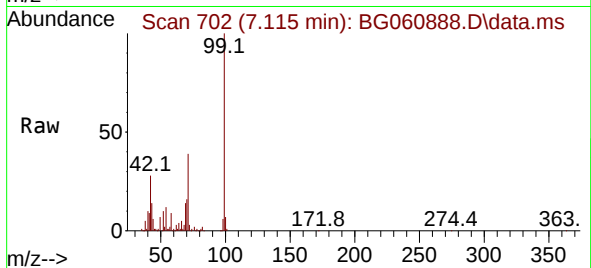




#7
Phenol-d6
Concen: 116.004 ng
RT: 7.115 min Scan# 702
Delta R.T. -0.000 min
Lab File: BG060888.D
Acq: 13 Apr 2024 11:04

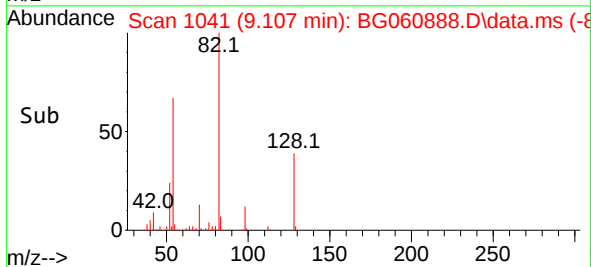
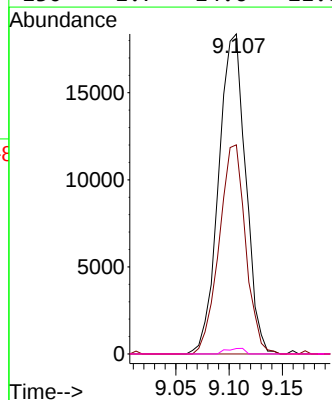
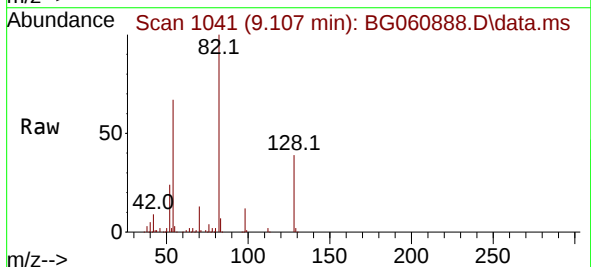
Instrument :
BNA_G
ClientSampleId :
PB160200BL

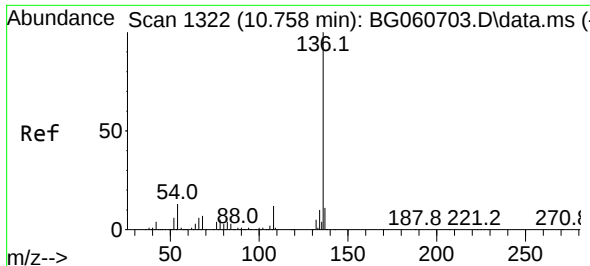
Tgt Ion: 99 Resp: 373964
Ion Ratio Lower Upper
99 100
42 27.5 19.4 29.2
71 38.6 28.2 42.2



#19
n-Nitroso-di-n-propylamine
Concen: 13.179 ng
RT: 9.107 min Scan# 1041
Delta R.T. 0.341 min
Lab File: BG060888.D
Acq: 13 Apr 2024 11:04

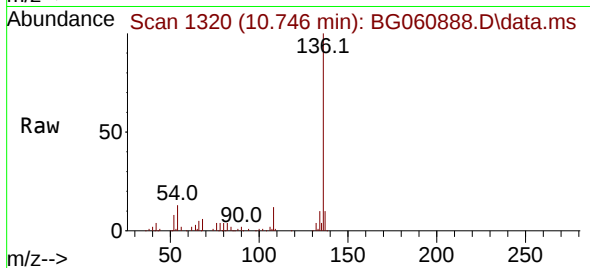
Tgt Ion: 70 Resp: 32398
Ion Ratio Lower Upper
70 100
42 65.3 68.4 102.6#
101 0.0 6.1 9.1#
130 1.7 14.6 21.8#



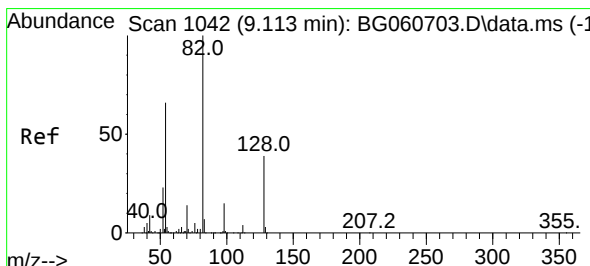
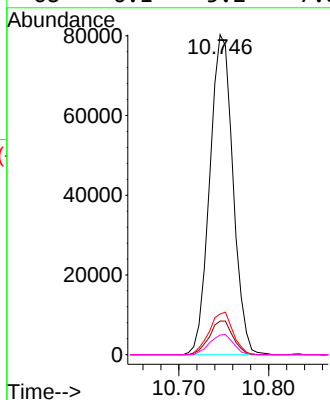
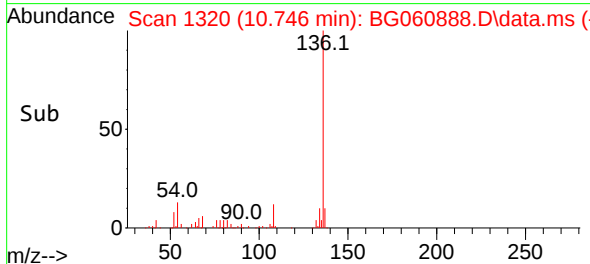


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.746 min Scan# 11
Delta R.T. -0.012 min
Lab File: BG060888.D
Acq: 13 Apr 2024 11:04

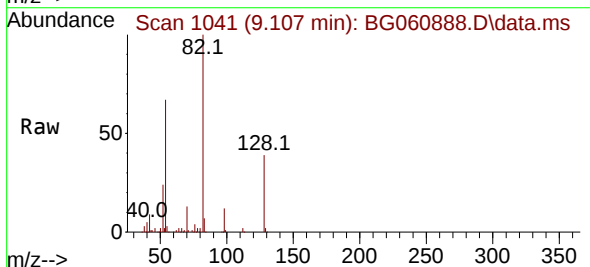
Instrument :
BNA_G
ClientSampleId :
PB160200BL



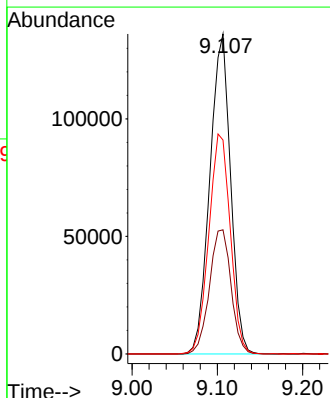
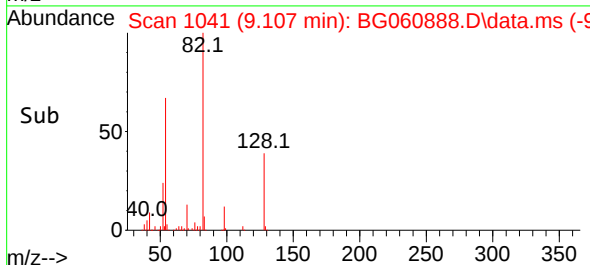
Tgt Ion:	136	Resp:	144207
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	12.7	10.2	15.2
68	6.1	5.2	7.8



#23
Nitrobenzene-d5
Concen: 90.891 ng
RT: 9.107 min Scan# 1041
Delta R.T. -0.006 min
Lab File: BG060888.D
Acq: 13 Apr 2024 11:04



Tgt Ion:	82	Resp:	229702
Ion	Ratio	Lower	Upper
82	100		
128	38.8	31.2	46.8
54	66.9	53.2	79.8

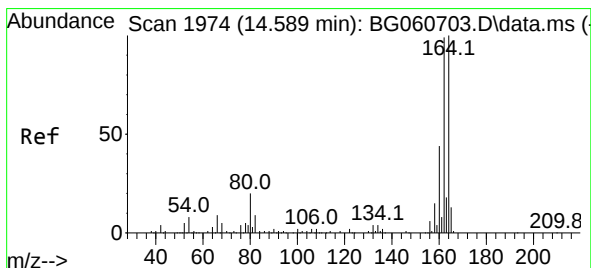
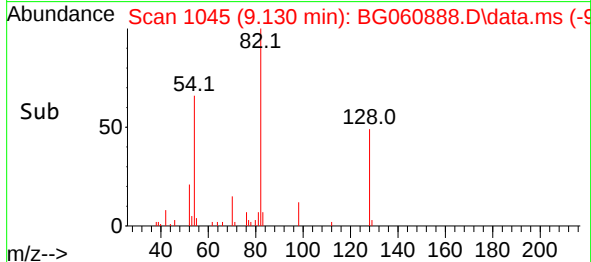
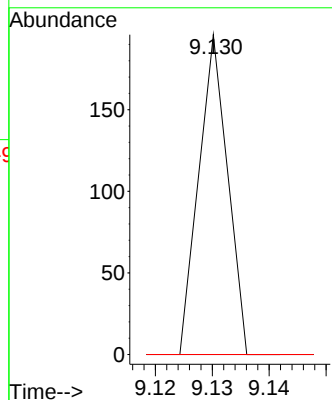
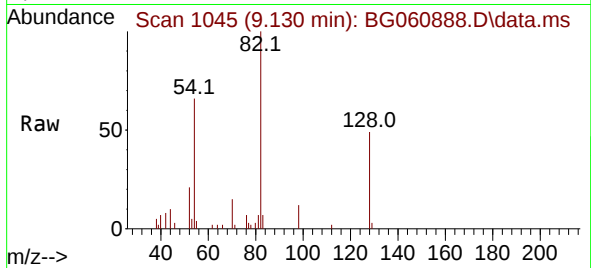




#24
Nitrobenzene
Concen: 2.796 ng
RT: 9.130 min Scan# 1049
Delta R.T. -0.024 min
Lab File: BG060888.D
Acq: 13 Apr 2024 11:04

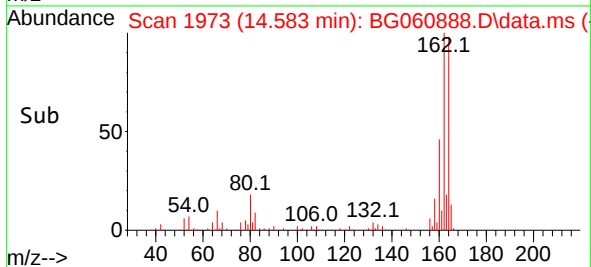
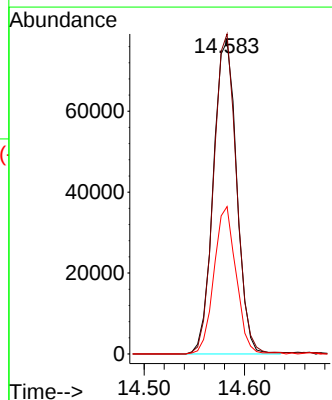
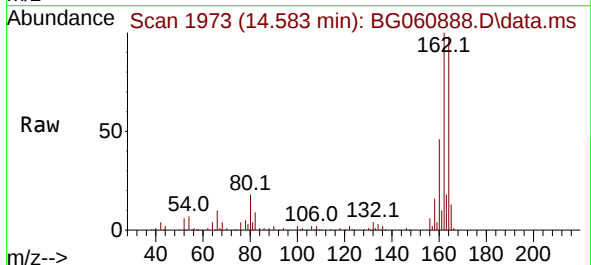
Instrument :
BNA_G
ClientSampleId :
PB160200BL

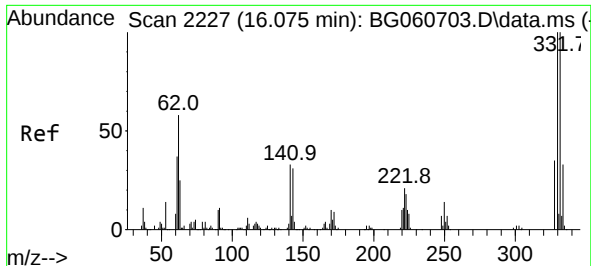
Tgt Ion: 77 Resp: 69
Ion Ratio Lower Upper
77 100
123 0.0 32.7 49.1#
65 0.0 11.3 16.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.583 min Scan# 1973
Delta R.T. -0.006 min
Lab File: BG060888.D
Acq: 13 Apr 2024 11:04

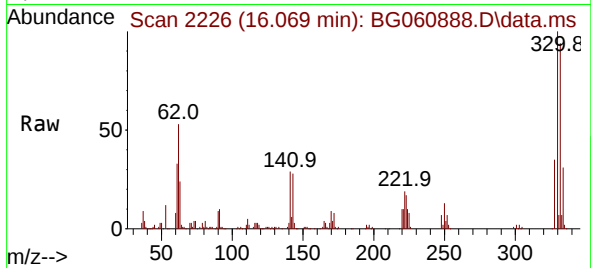
Tgt Ion:164 Resp: 125400
Ion Ratio Lower Upper
164 100
162 102.4 79.5 119.3
160 47.1 35.4 53.0



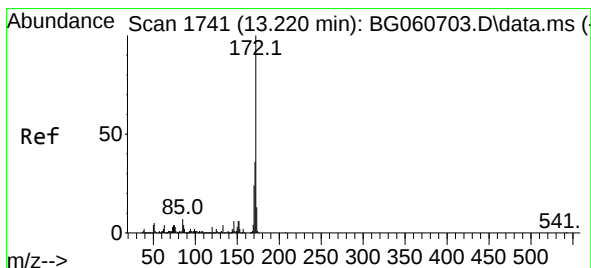
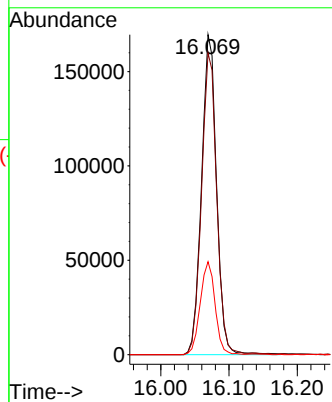
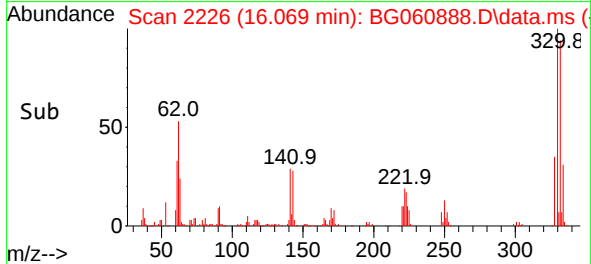


#42
2,4,6-Tribromophenol
Concen: 182.092 ng
RT: 16.069 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG060888.D
Acq: 13 Apr 2024 11:04

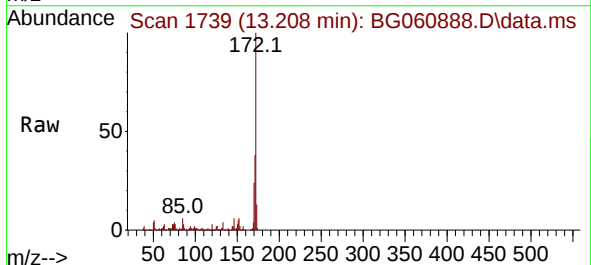
Instrument :
BNA_G
ClientSampleId :
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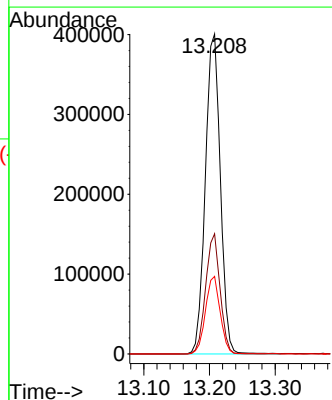
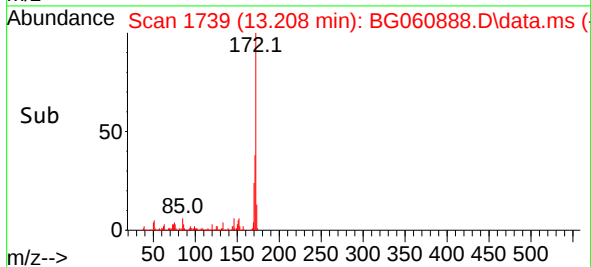
Tgt Ion:330 Resp: 259207
Ion Ratio Lower Upper
330 100
332 94.8 78.2 117.4
141 28.7 27.0 40.6

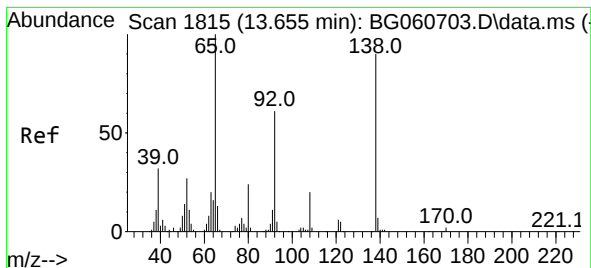


#45
2-Fluorobiphenyl
Concen: 74.747 ng
RT: 13.208 min Scan# 1739
Delta R.T. -0.012 min
Lab File: BG060888.D
Acq: 13 Apr 2024 11:04



Tgt Ion:172 Resp: 638671
Ion Ratio Lower Upper
172 100
171 37.6 28.7 43.1
170 24.3 19.4 29.0





#48

2-Nitroaniline

Concen: 2.818 ng

RT: 13.807 min Scan# 1

Delta R.T. 0.152 min

Lab File: BG060888.D

Acq: 13 Apr 2024 11:04

Instrument :

BNA_G

ClientSampleId :

PB160200BL

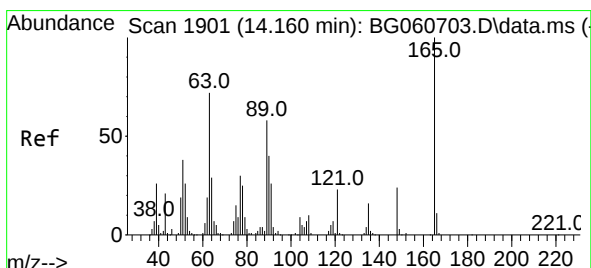
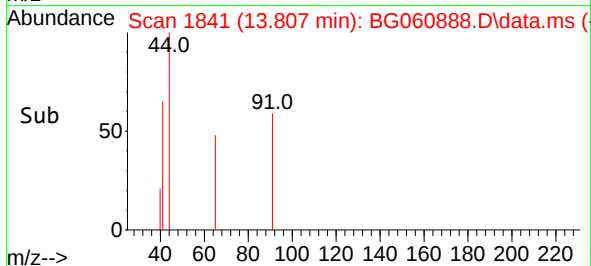
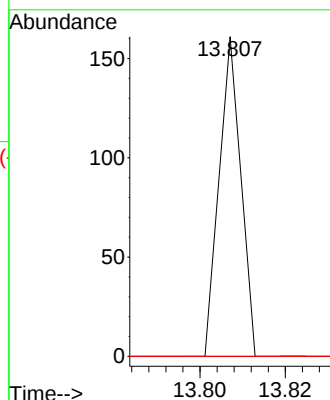
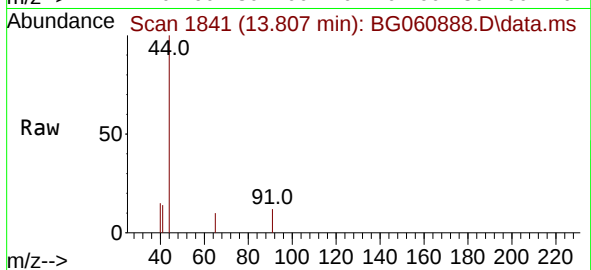
Tgt Ion: 65 Resp: 57

Ion Ratio Lower Upper

65 100

92 0.0 48.6 72.8#

138 0.0 72.2 108.4#



#51

2,6-Dinitrotoluene

Concen: 11.717 ng

RT: 14.583 min Scan# 1973

Delta R.T. 0.423 min

Lab File: BG060888.D

Acq: 13 Apr 2024 11:04

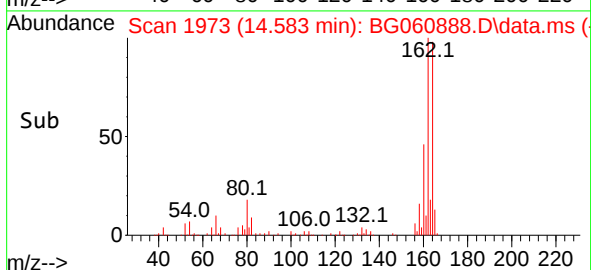
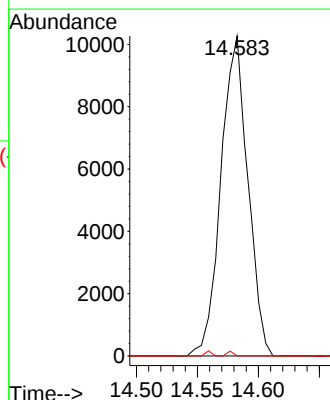
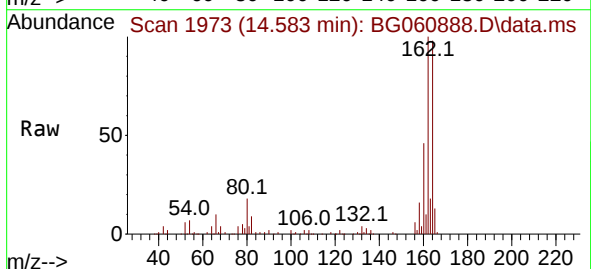
Tgt Ion: 165 Resp: 15738

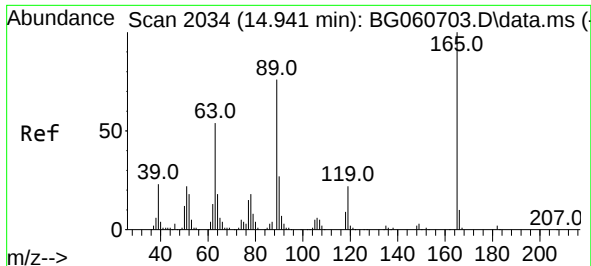
Ion Ratio Lower Upper

165 100

63 0.0 58.2 87.4#

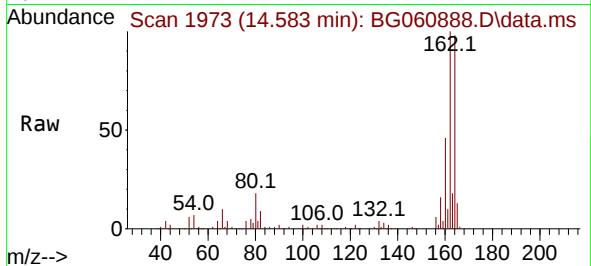
89 0.0 46.1 69.1#



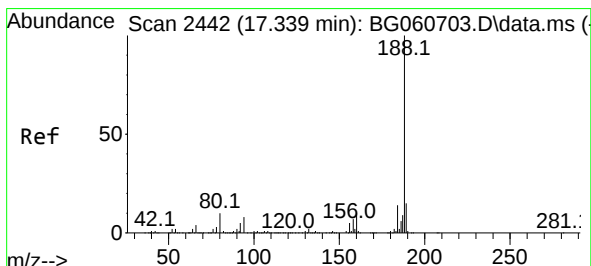
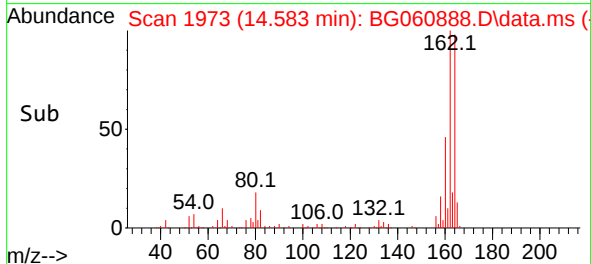
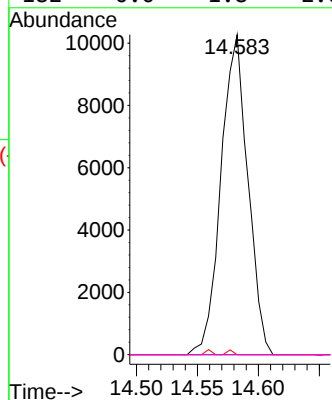


#57
2,4-Dinitrotoluene
Concen: 9.872 ng
RT: 14.583 min Scan# 14
Delta R.T. -0.358 min
Lab File: BG060888.D
Acq: 13 Apr 2024 11:04

Instrument :
BNA_G
ClientSampleId :
PB160200BL

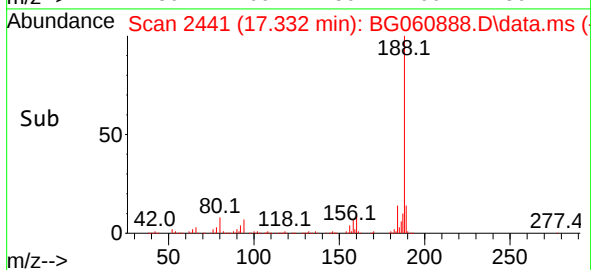
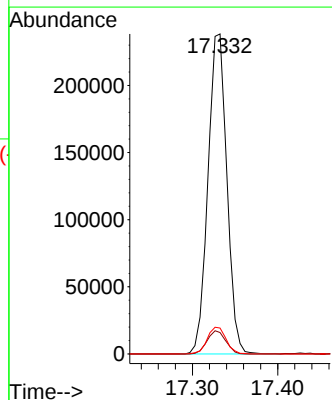
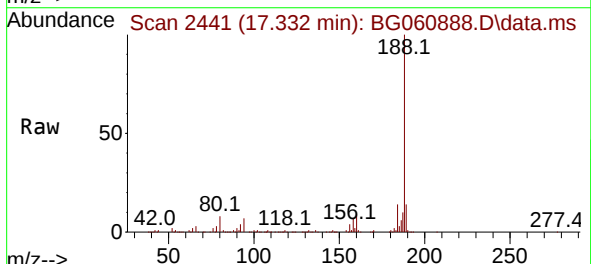


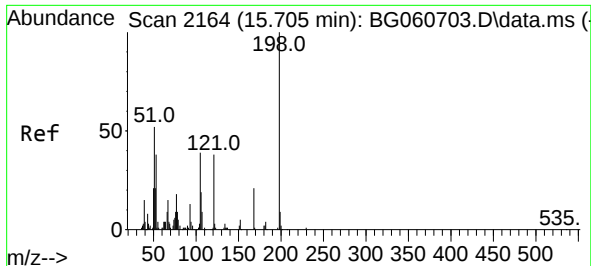
Tgt Ion:165 Resp: 15738
Ion Ratio Lower Upper
165 100
63 0.0 43.4 65.0#
89 0.0 61.0 91.6#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.332 min Scan# 2441
Delta R.T. -0.006 min
Lab File: BG060888.D
Acq: 13 Apr 2024 11:04

Tgt Ion:188 Resp: 366735
Ion Ratio Lower Upper
188 100
94 6.7 6.6 9.8
80 8.1 7.6 11.4

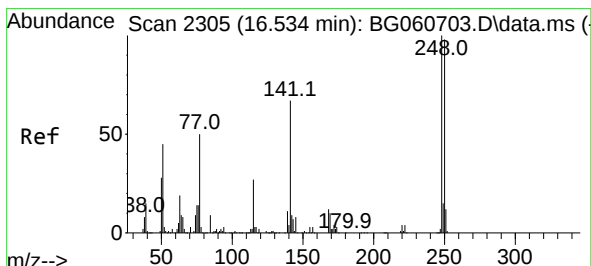
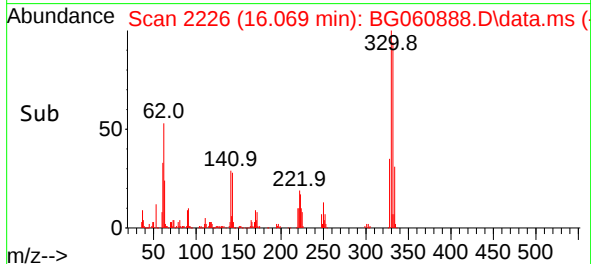
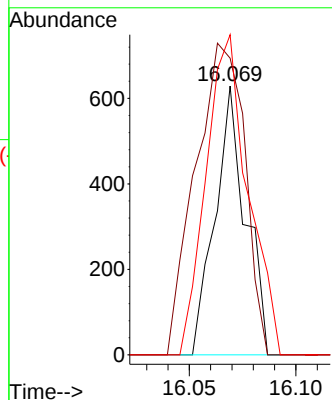
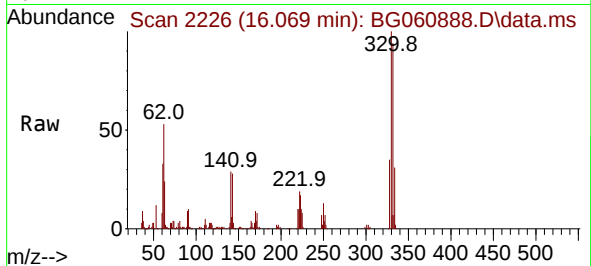




#65
4,6-Dinitro-2-methylphenol
Concen: 7.388 ng
RT: 16.069 min Scan# 2164
Delta R.T. 0.364 min
Lab File: BG060888.D
Acq: 13 Apr 2024 11:04

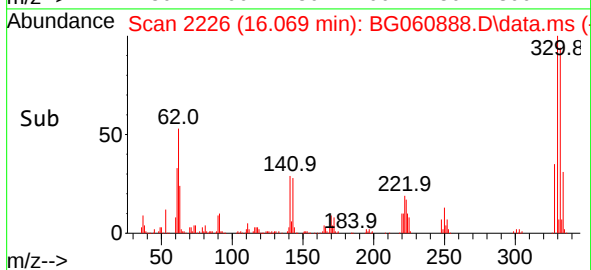
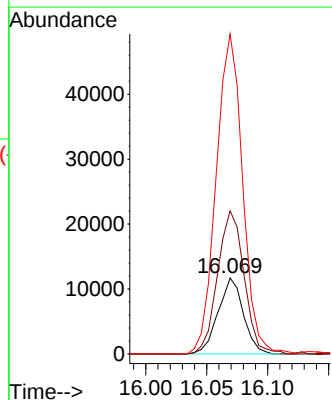
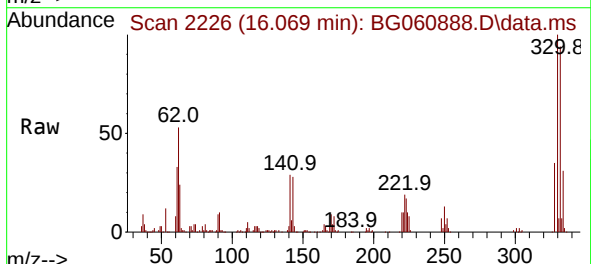
Instrument :
BNA_G
ClientSampleId :
PB160200BL

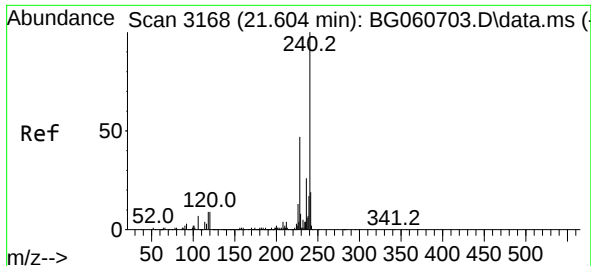
Tgt Ion	Ratio	Lower	Upper
198	100		
51	110.3	36.7	76.7#
105	119.1	19.1	59.1#



#67
4-Bromophenyl-phenylether
Concen: 4.537 ng
RT: 16.069 min Scan# 2226
Delta R.T. -0.465 min
Lab File: BG060888.D
Acq: 13 Apr 2024 11:04

Tgt Ion	Ratio	Lower	Upper
248	100		
250	188.3	78.3	117.5#
141	420.6	53.7	80.5#

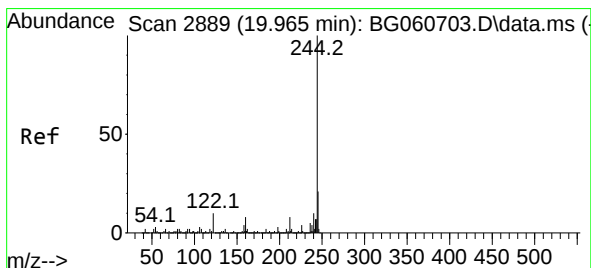
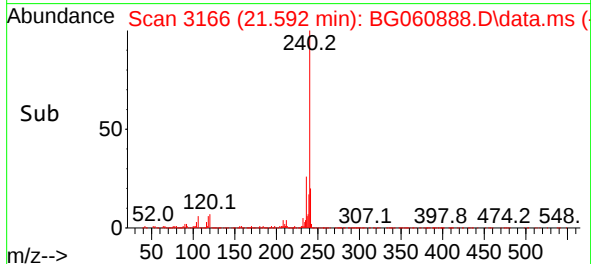
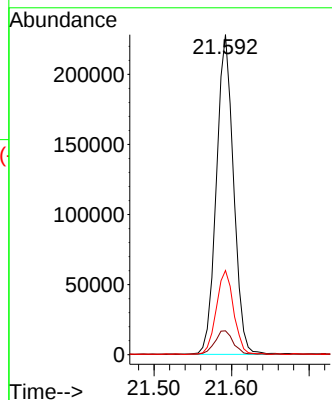
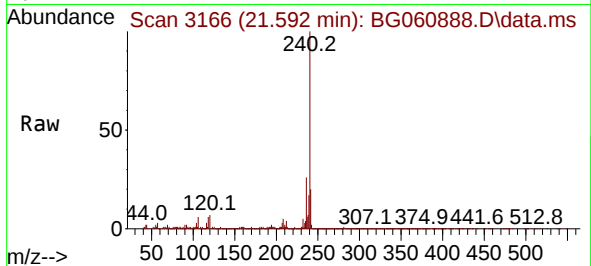




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.592 min Scan# 3166
Delta R.T. -0.012 min
Lab File: BG060888.D
Acq: 13 Apr 2024 11:04

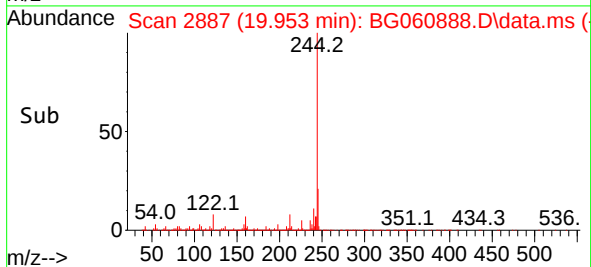
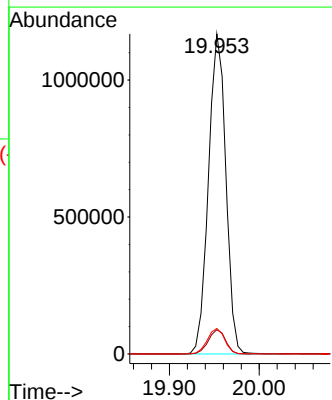
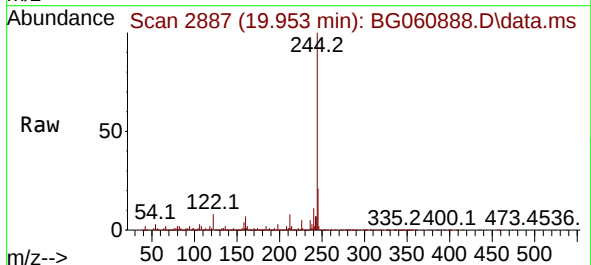
Instrument :
BNA_G
ClientSampleId :
PB160200BL

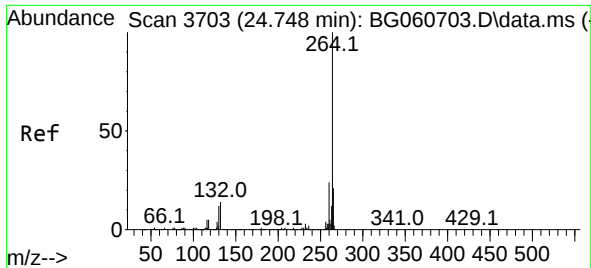
Tgt Ion:240 Resp: 350078
Ion Ratio Lower Upper
240 100
120 7.5 7.1 10.7
236 26.3 20.7 31.1



#79
Terphenyl-d14
Concen: 78.944 ng
RT: 19.953 min Scan# 2887
Delta R.T. -0.012 min
Lab File: BG060888.D
Acq: 13 Apr 2024 11:04

Tgt Ion:244 Resp: 1569508
Ion Ratio Lower Upper
244 100
212 7.6 6.2 9.2
122 7.9 7.8 11.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.735 min Scan# 31
Delta R.T. -0.012 min
Lab File: BG060888.D
Acq: 13 Apr 2024 11:04

Instrument :
BNA_G
ClientSampleId :
PB160200BL

Tgt Ion:264 Resp: 399072

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	21.9	16.9	25.3

