

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081022\
 Data File : BG054589.D
 Acq On : 10 Aug 2022 15:26
 Operator : CG/JU
 Sample : N4117-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 080322-C

Quant Time: Aug 10 16:10:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 08 14:48:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.971	152	19986	20.000	ng	0.00
21) Naphthalene-d8	10.785	136	75471	20.000	ng	# 0.00
39) Acenaphthene-d10	14.616	164	57520	20.000	ng	0.00
64) Phenanthrene-d10	17.366	188	145824	20.000	ng	# 0.00
76) Chrysene-d12	21.631	240	161401	20.000	ng	# 0.00
86) Perylene-d12	24.839	264	172531	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.562	112	46434	48.508	ng	0.00
7) Phenol-d6	7.177	99	69786	53.205	ng	0.00
23) Nitrobenzene-d5	9.140	82	53391	38.525	ng	0.00
42) 2,4,6-Tribromophenol	16.114	330	42387	35.097	ng	0.00
45) 2-Fluorobiphenyl	13.235	172	161416	39.588	ng	0.00
79) Terphenyl-d14	19.968	244	342178	42.058	ng	0.00
Target Compounds						
9) Benzaldehyde	7.172	77	53	Below Cal	Qvalue	
19) n-Nitroso-di-n-propyla...	9.140	70	6982	7.971 ng	#	10
51) 2,6-Dinitrotoluene	14.616	165	8060	8.179 ng	#	80
57) 2,4-Dinitrotoluene	14.616	165	8060	5.705 ng	#	16
57) 2,4-Dinitrotoluene	14.616	165	8060	5.705 ng	#	21

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

BNA G

ClientSampleId :

080322-C

TIC: BG054589.D\data.ms

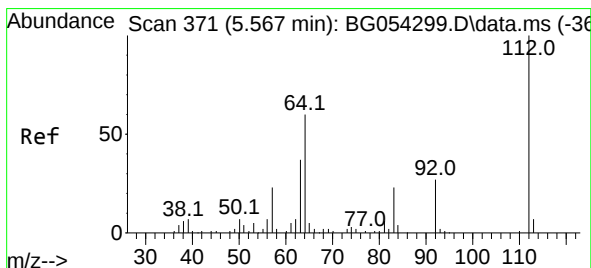
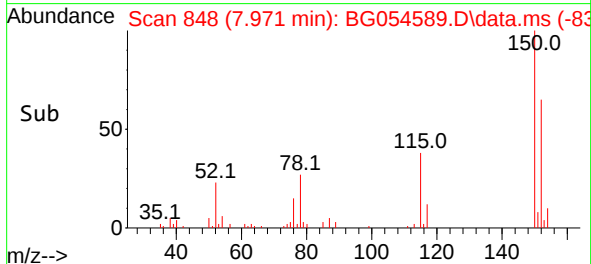
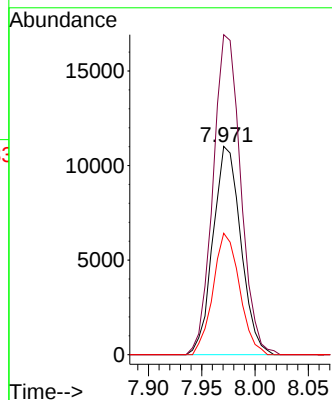
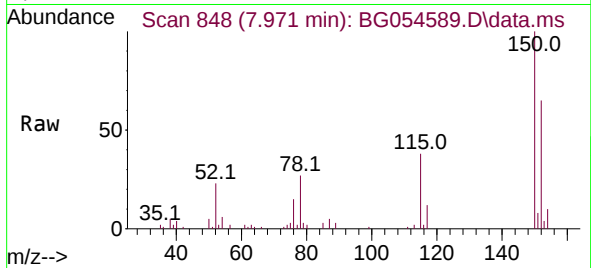
Compound	Approximate Retention Time (min)	Approximate Abundance
2-Fluorophenol, S	5.5	100,000
Phenol-d6, S	7.5	115,000
1,4-Dichlorobenzene-d4, I	8.0	65,000
Nitrobenzene-d5, P	9.5	85,000
Naphthalene-d8, I	11.0	80,000
2-Fluorobiphenyl, S	13.5	270,000
2,6-Dibromobenzene-d4, I	14.5	145,000
2,4,6-Tribromophenol, S	16.0	150,000
Phenanthrene-d10, I	17.5	205,000
Terphenyl-d14, S	20.5	570,000
Chrysene-d12, I	21.5	330,000
Perylene-d12, I	25.0	215,000



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.971 min Scan# 84
Delta R.T. -0.001 min
Lab File: BG054589.D
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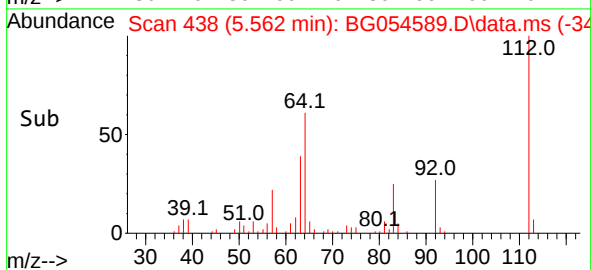
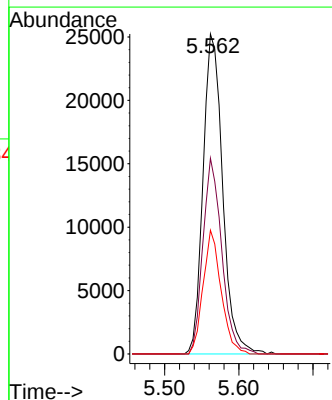
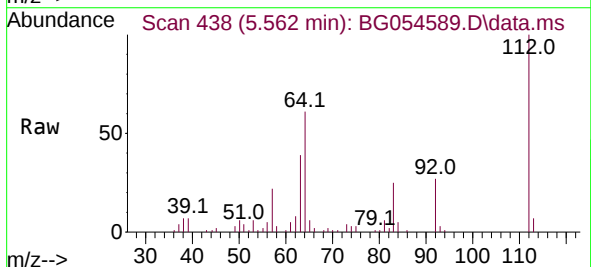
Instrument :
BNA_G
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080322-C

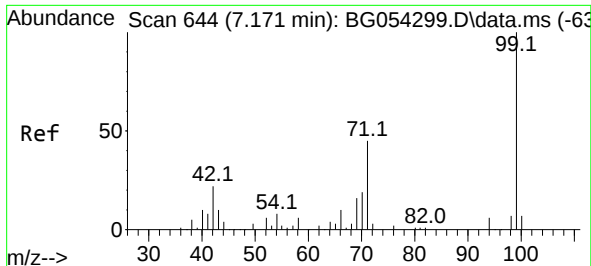
Tgt Ion:152 Resp: 19986
Ion Ratio Lower Upper
152 100
150 153.7 131.6 197.4
115 58.3 50.9 76.3



#5
2-Fluorophenol
Concen: 48.508 ng
RT: 5.562 min Scan# 438
Delta R.T. -0.002 min
Lab File: BG054589.D
Acq: 10 Aug 2022 15:26

Tgt Ion:112 Resp: 46434
Ion Ratio Lower Upper
112 100
64 61.2 55.1 82.7
63 38.7 30.4 45.6

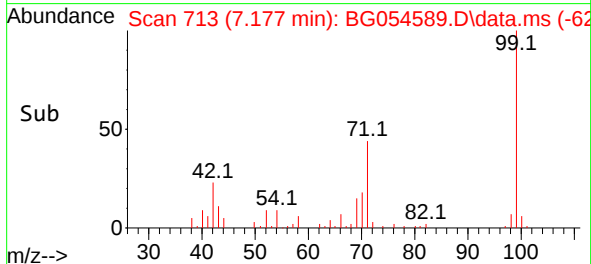
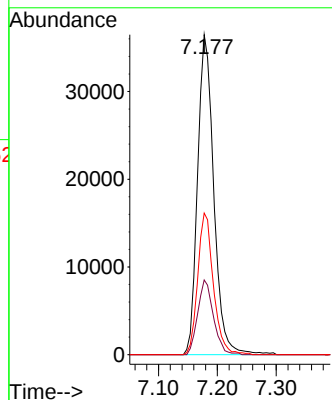
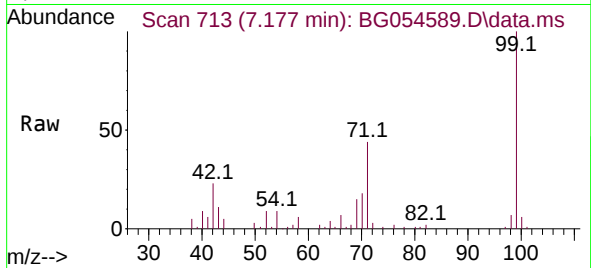




#7
Phenol-d6
Concen: 53.205 ng
RT: 7.177 min Scan# 71
Delta R.T. -0.002 min
Lab File: BG054589.D
Acq: 10 Aug 2022 15:26

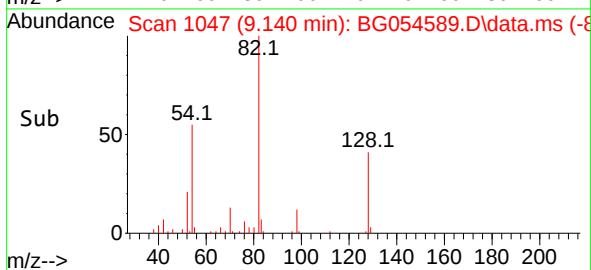
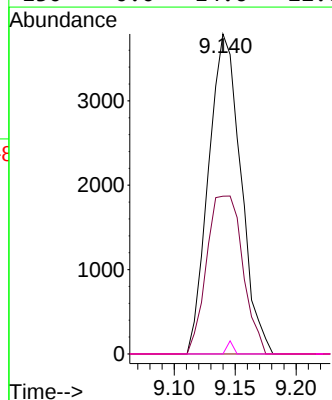
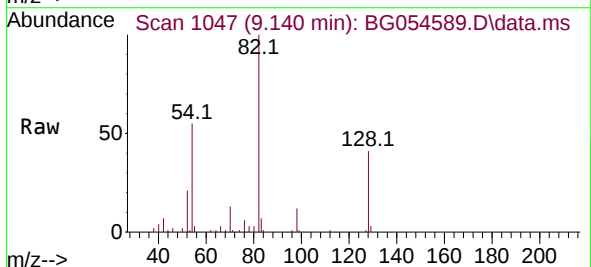
Instrument :
BNA_G
ClientSampleId :
080322-C

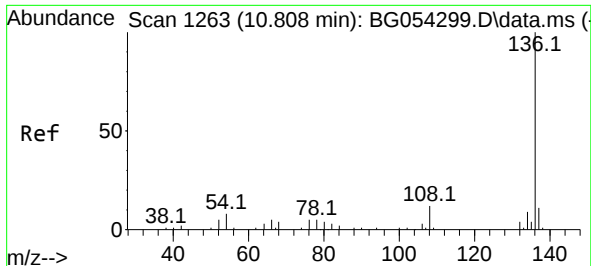
Tgt Ion: 99 Resp: 69786
Ion Ratio Lower Upper
99 100
42 23.4 17.0 25.6
71 44.2 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 7.971 ng
RT: 9.140 min Scan# 1047
Delta R.T. 0.357 min
Lab File: BG054589.D
Acq: 10 Aug 2022 15:26

Tgt Ion: 70 Resp: 6982
Ion Ratio Lower Upper
70 100
42 49.3 47.3 70.9
101 0.0 7.0 10.4#
130 0.0 14.6 22.0#

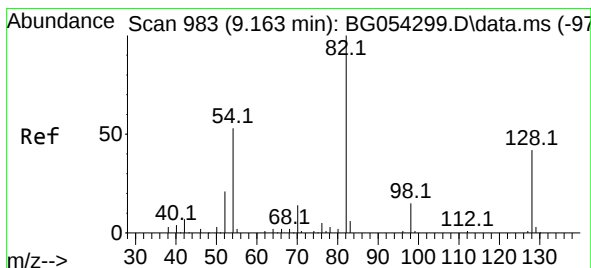
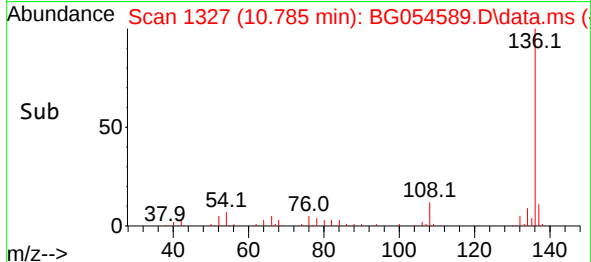
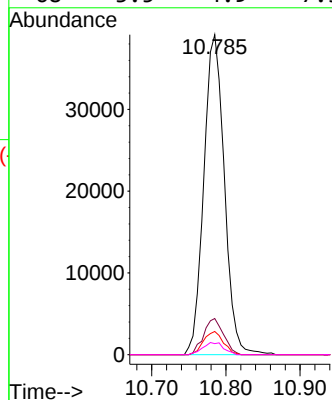
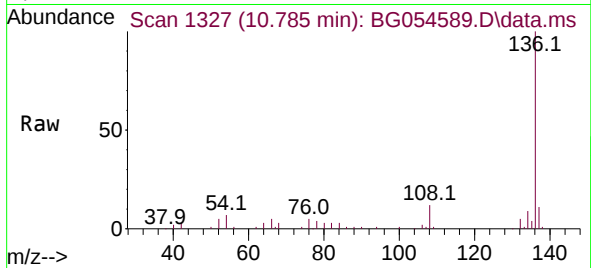




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.785 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG054589.D
Acq: 10 Aug 2022 15:26

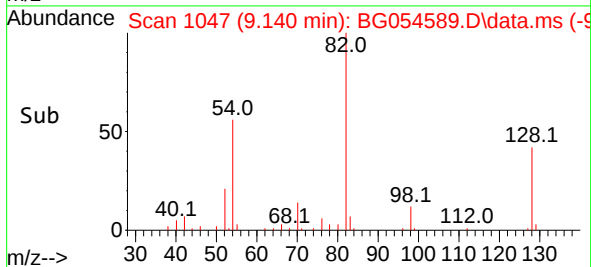
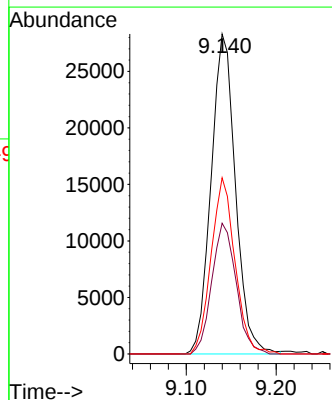
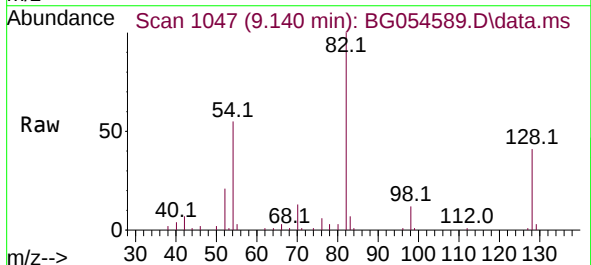
Instrument :
BNA_G
ClientSampleId :
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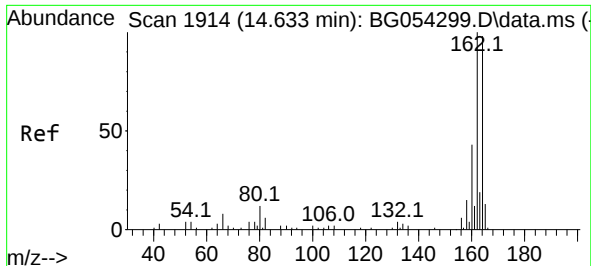
Tgt Ion:	136	Resp:	75471
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.5	12.7
54	7.3	7.4	11.2#
68	3.5	4.9	7.3#



#23
Nitrobenzene-d5
Concen: 38.525 ng
RT: 9.140 min Scan# 1047
Delta R.T. -0.002 min
Lab File: BG054589.D
Acq: 10 Aug 2022 15:26

Tgt Ion:	82	Resp:	53391
Ion Ratio	Lower	Upper	
82	100		
128	40.8	27.9	41.9
54	55.1	41.2	61.8

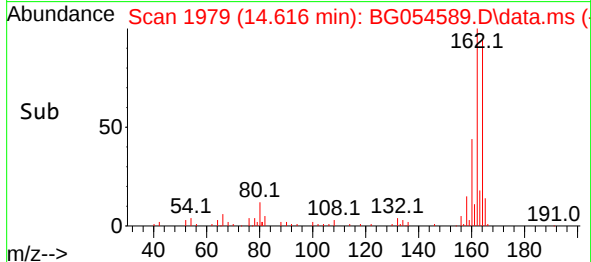
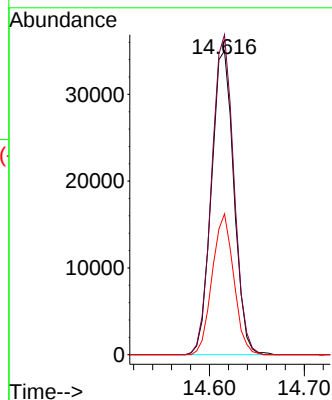
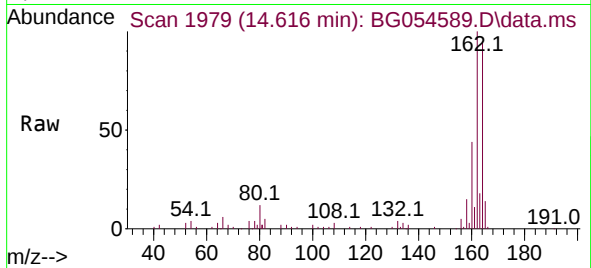




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.616 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG054589.D
Acq: 10 Aug 2022 15:26

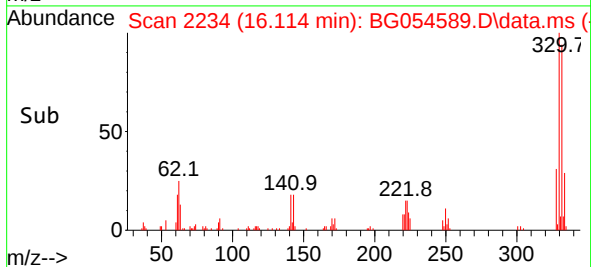
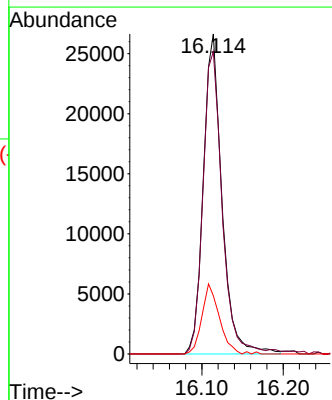
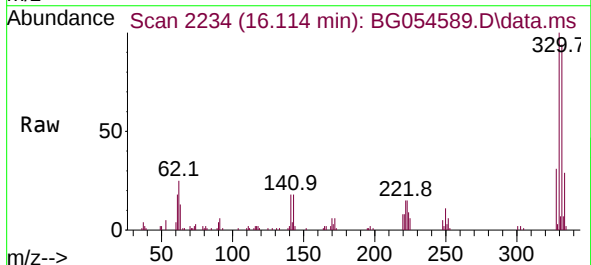
Instrument :
BNA_G
ClientSampleId :
080322-C

Tgt Ion:164 Resp: 57520
Ion Ratio Lower Upper
164 100
162 105.3 82.3 123.5
160 46.3 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 35.097 ng
RT: 16.114 min Scan# 2234
Delta R.T. -0.002 min
Lab File: BG054589.D
Acq: 10 Aug 2022 15:26

Tgt Ion:330 Resp: 42387
Ion Ratio Lower Upper
330 100
332 96.5 76.0 114.0
141 20.4 27.1 40.7#

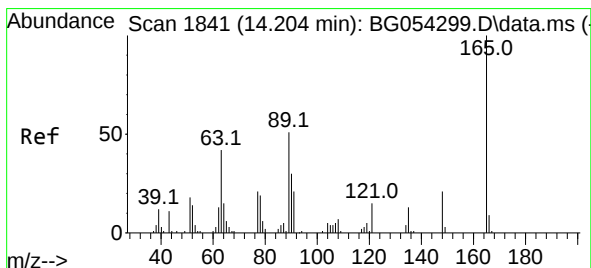
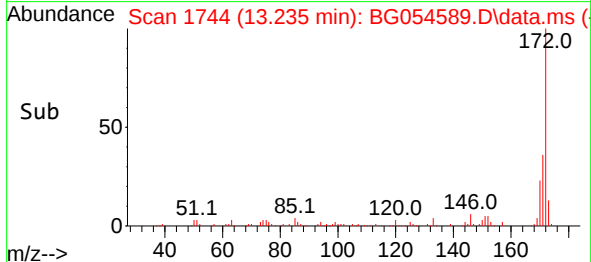
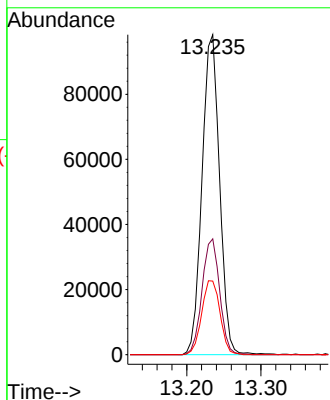
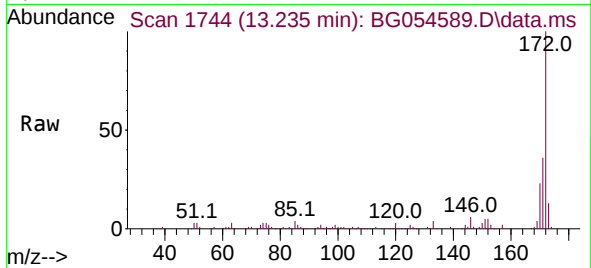




#45
2-Fluorobiphenyl
Concen: 39.588 ng
RT: 13.235 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG054589.D
Acq: 10 Aug 2022 15:26

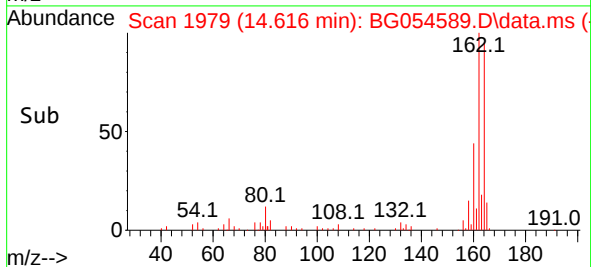
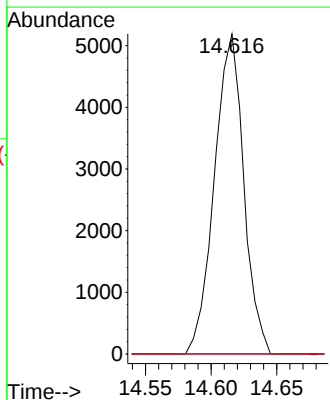
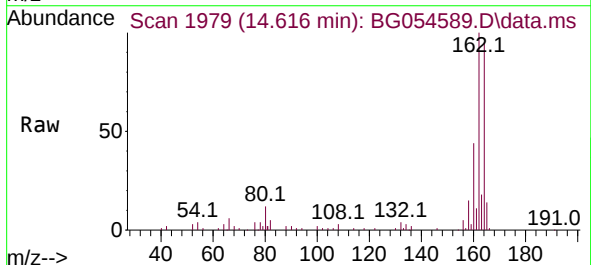
Instrument :
BNA_G
ClientSampleId :
080322-C

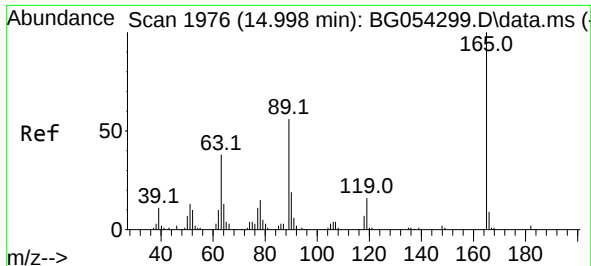
Tgt Ion:172 Resp: 161416
Ion Ratio Lower Upper
172 100
171 36.2 28.5 42.7
170 23.0 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.179 ng
RT: 14.616 min Scan# 1979
Delta R.T. 0.421 min
Lab File: BG054589.D
Acq: 10 Aug 2022 15:26

Tgt Ion:165 Resp: 8060
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#





#57

2,4-Dinitrotoluene

Concen: 5.705 ng

RT: 14.616 min Scan# 14

Delta R.T. -0.378 min

Lab File: BG054589.D

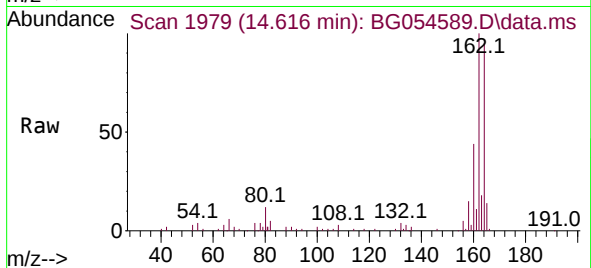
Acq: 10 Aug 2022 15:26

Instrument :

BNA_G

ClientSampleId :

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Tgt Ion:165 Resp: 8060

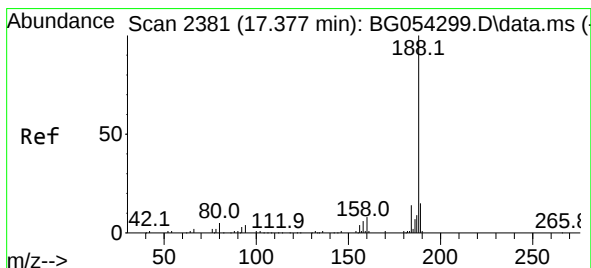
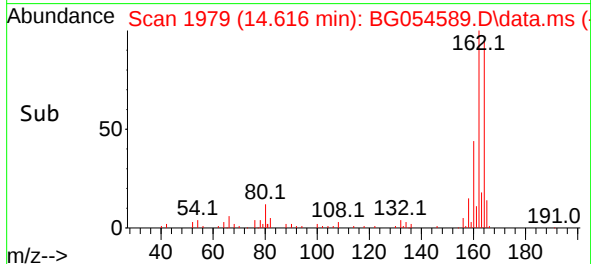
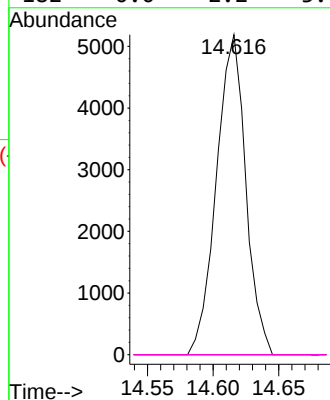
Ion Ratio Lower Upper

165 100

63 0.0 34.6 52.0#

89 0.0 60.3 90.5#

182 0.0 2.2 3.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.366 min Scan# 2447

Delta R.T. 0.004 min

Lab File: BG054589.D

Acq: 10 Aug 2022 15:26

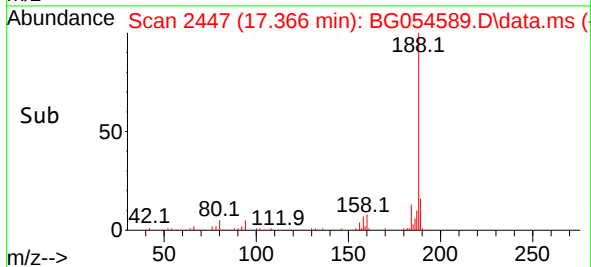
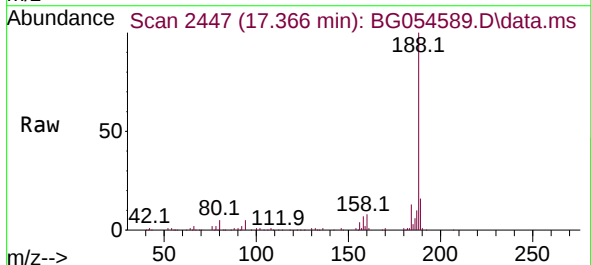
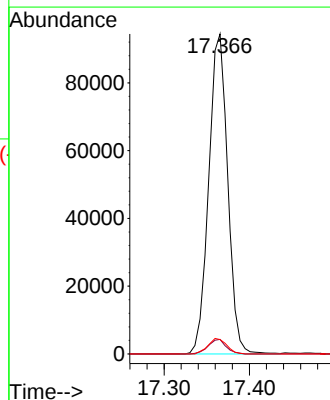
Tgt Ion:188 Resp: 145824

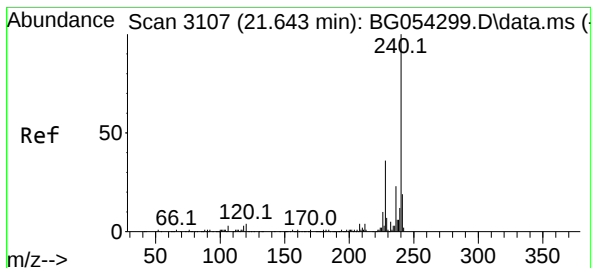
Ion Ratio Lower Upper

188 100

94 4.6 5.4 8.0#

80 4.5 6.8 10.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.631 min Scan# 31

Delta R.T. -0.002 min

Lab File: BG054589.D

Acq: 10 Aug 2022 15:26

Instrument :

BNA_G

ClientSampleId :

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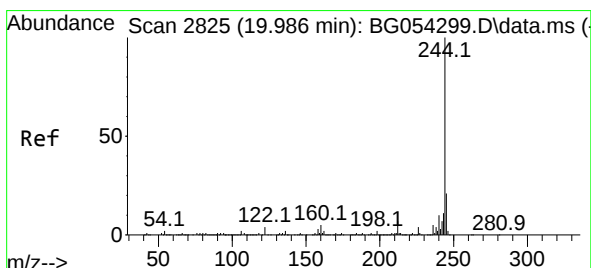
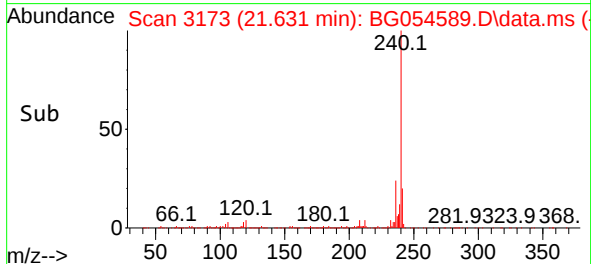
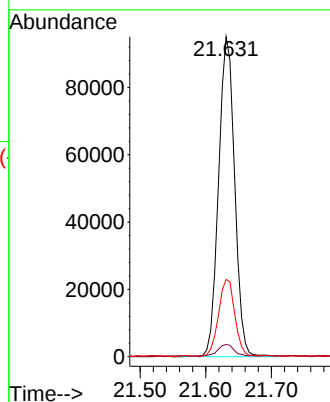
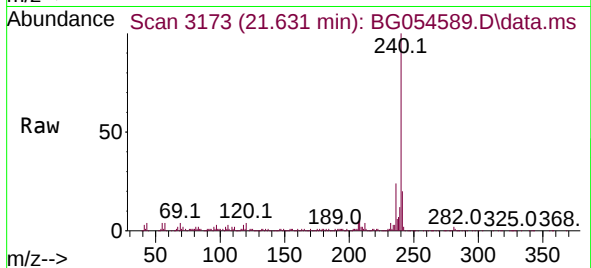
Tgt Ion:240 Resp: 161401

Ion Ratio Lower Upper

240 100

120 3.8 4.6 7.0#

236 24.1 20.2 30.4



#79

Terphenyl-d14

Concen: 42.058 ng

RT: 19.968 min Scan# 2890

Delta R.T. -0.002 min

Lab File: BG054589.D

Acq: 10 Aug 2022 15:26

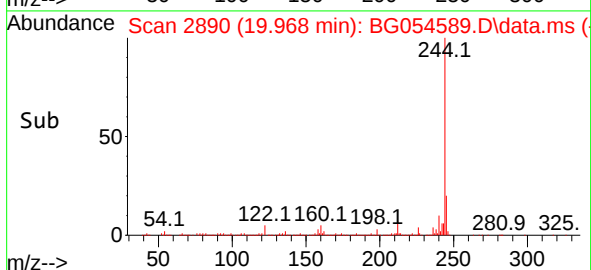
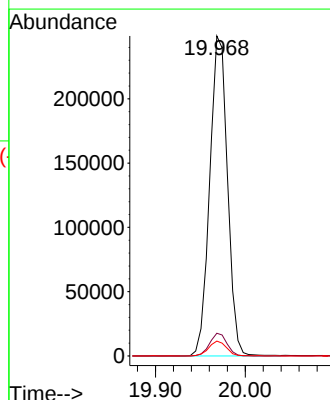
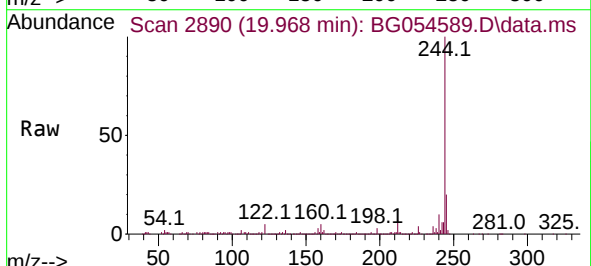
Tgt Ion:244 Resp: 342178

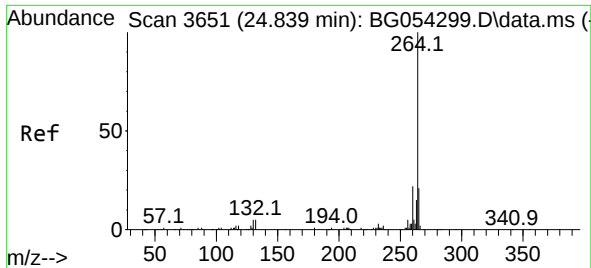
Ion Ratio Lower Upper

244 100

212 7.1 6.5 9.7

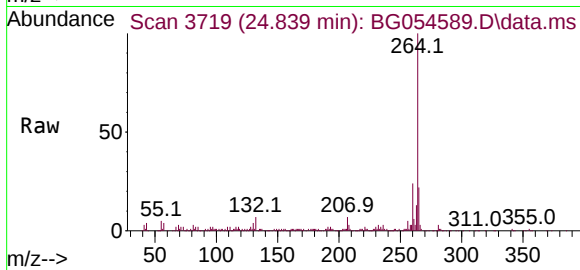
122 4.7 5.0 7.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.839 min Scan# 31
 Delta R.T. 0.004 min
 Lab File: BG054589.D
 Acq: 10 Aug 2022 15:26

Instrument :
 BNA_G
 ClientSampleId :
 080322-C



Tgt Ion:264 Resp: 172531
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.0 28.6
 265 21.8 17.4 26.2

