

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

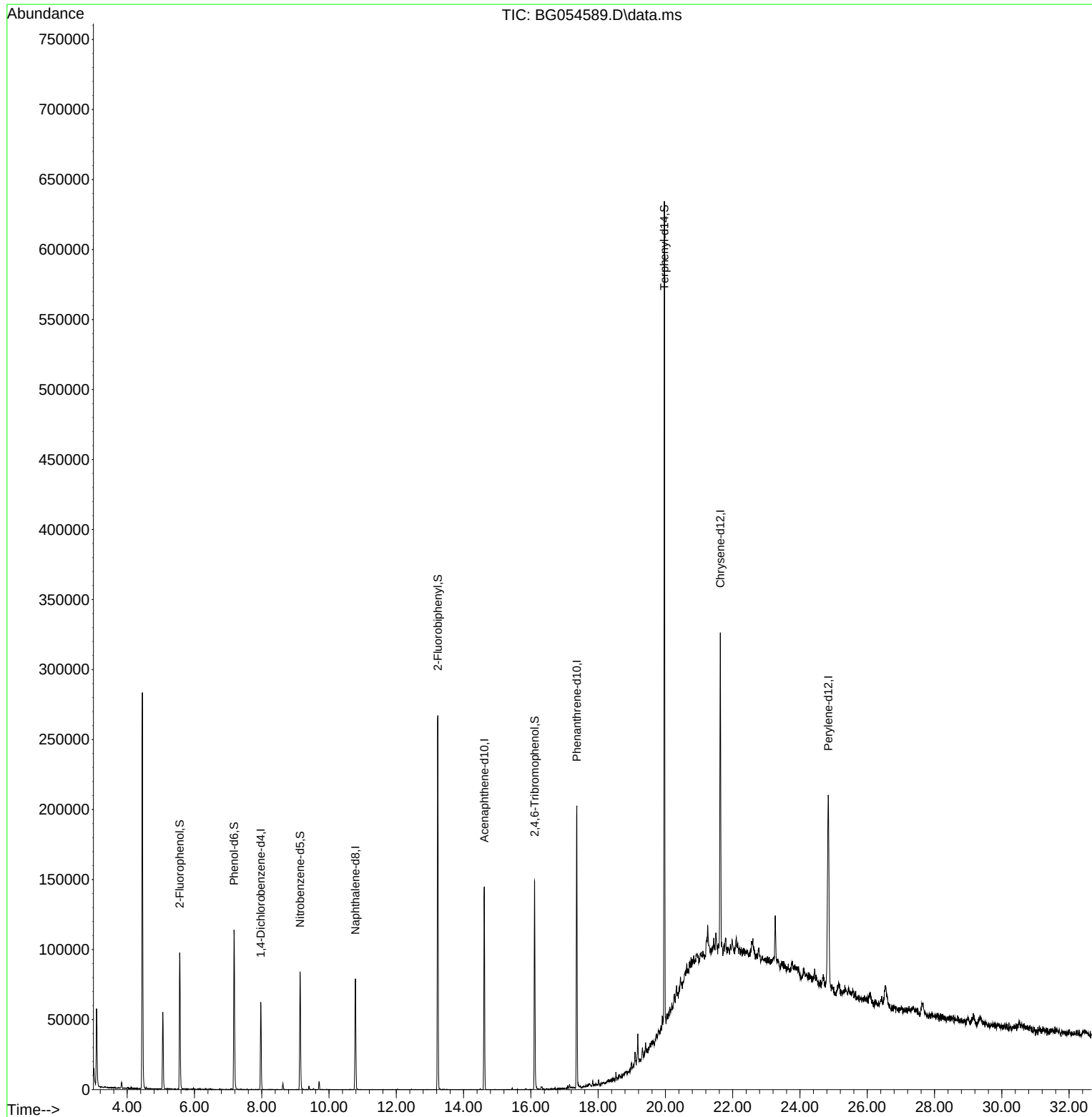
Target Compounds Qvalue

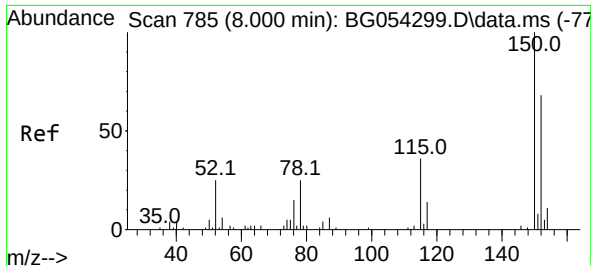
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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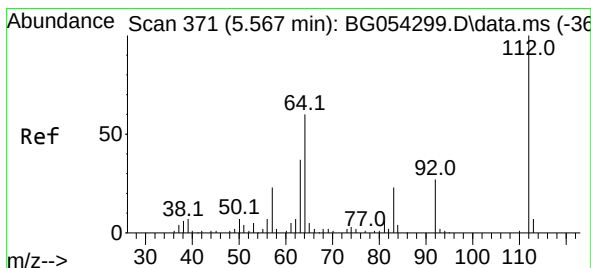
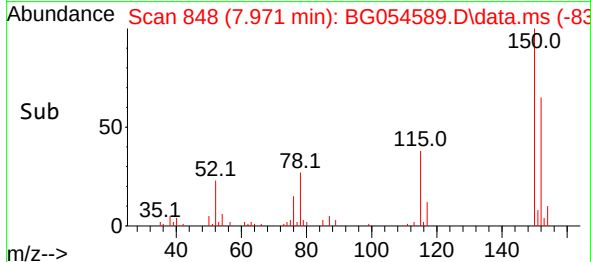
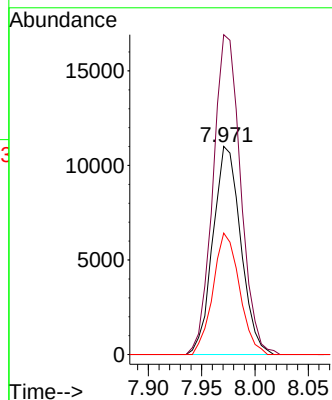
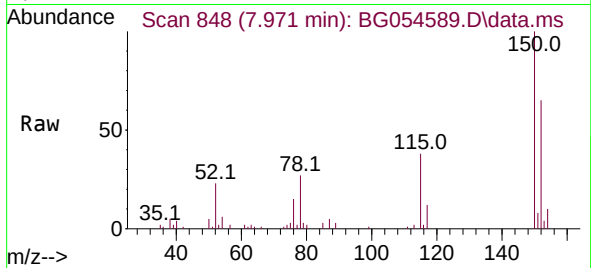




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.971 min Scan# 84
Delta R.T. -0.001 min
Lab File: BG054589.D
Acq: 10 Aug 2022 15:26

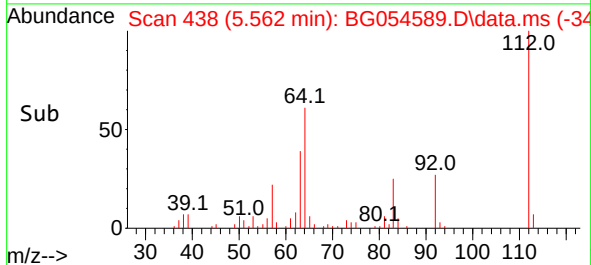
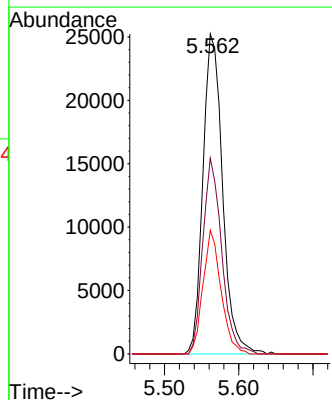
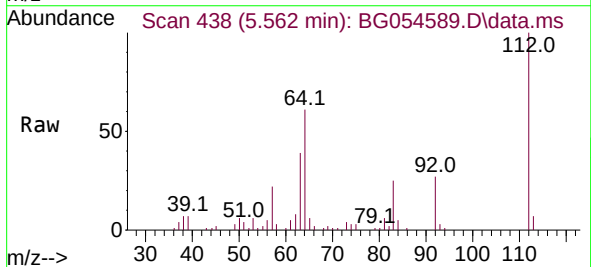
Instrument :
BNA_G
ClientSampleId :
080322-C

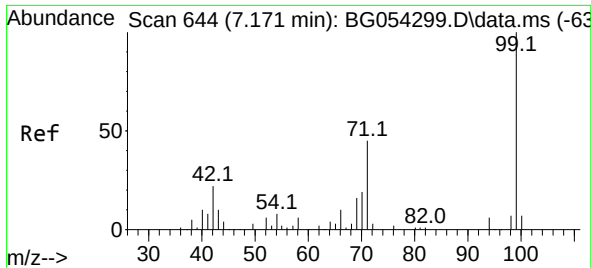
Tgt Ion:152 Resp: 19986
Ion Ratio Lower Upper
152 100
150 153.7 131.6 197.4
115 58.3 50.9 76.3



#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

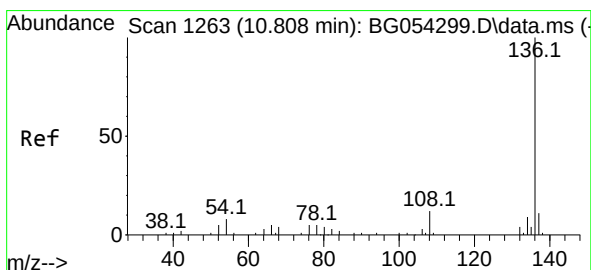
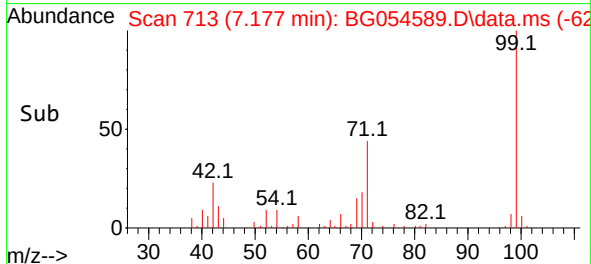
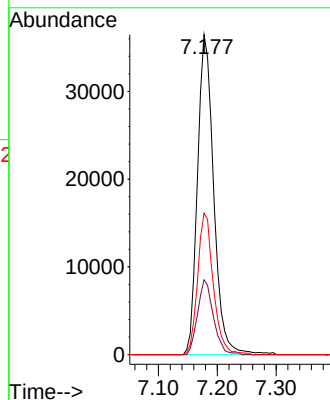
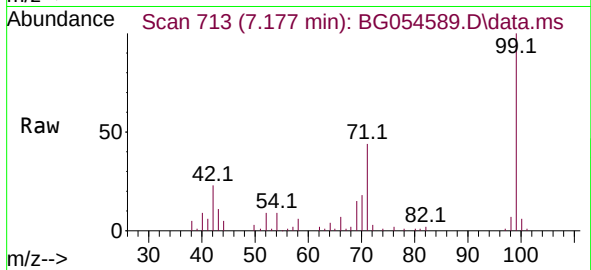




#7
Phenol-d6
Concen: 53.205 ng
RT: 7.177 min Scan# 71
Delta R.T. -0.002 min
Lab File: BG054589.D
Acq: 10 Aug 2022 15:26

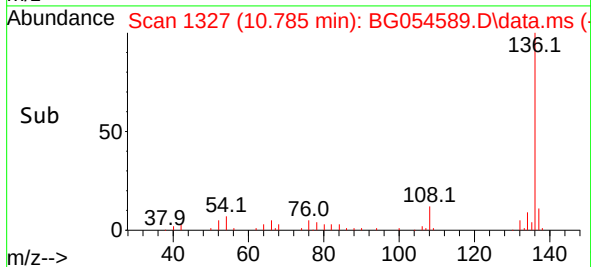
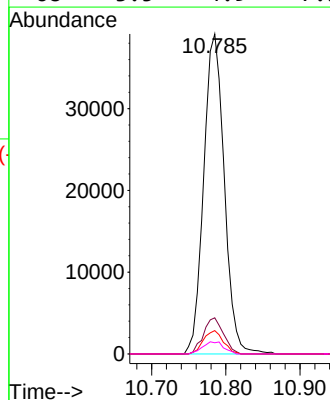
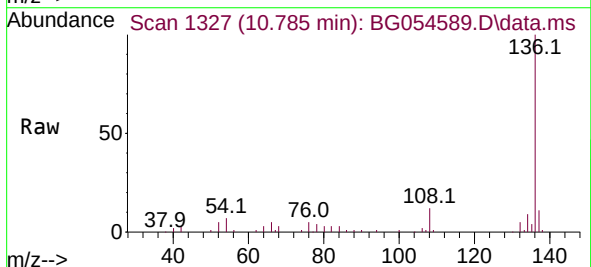
Instrument :
BNA_G
ClientSampleId :
080322-C

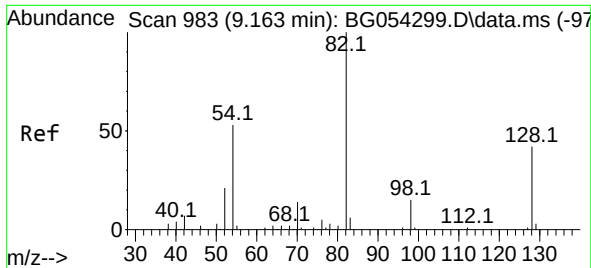
Tgt Ion: 99 Resp: 69786
Ion Ratio Lower Upper
99 100
42 23.4 17.0 25.6
71 44.2 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.785 min Scan# 1327
Delta R.T. -0.002 min
Lab File: BG054589.D
Acq: 10 Aug 2022 15:26

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#

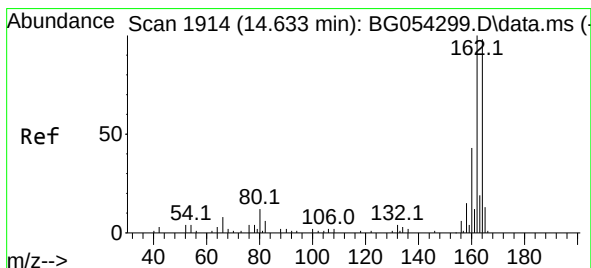
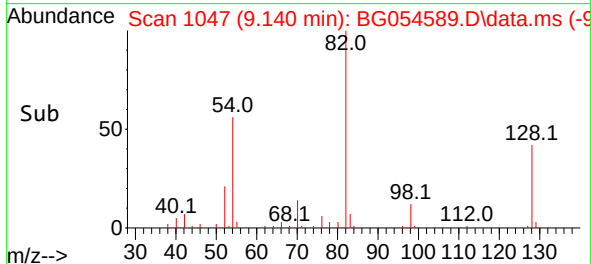
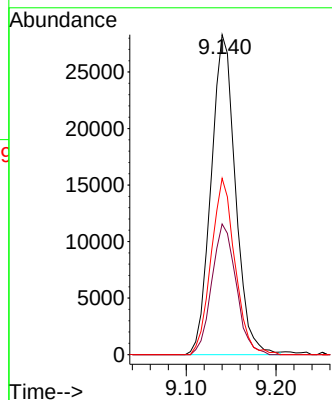
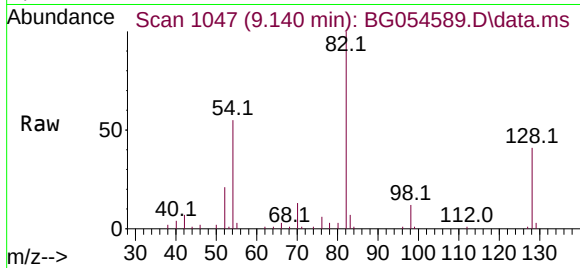




#23
 Nitrobenzene-d5
 Concen: 38.525 ng
 RT: 9.140 min Scan# 10
 Delta R.T. -0.002 min
 Lab File: BG054589.D
 Acq: 10 Aug 2022 15:26

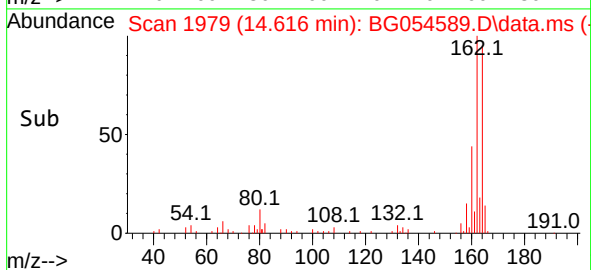
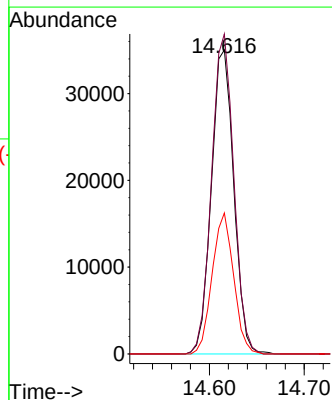
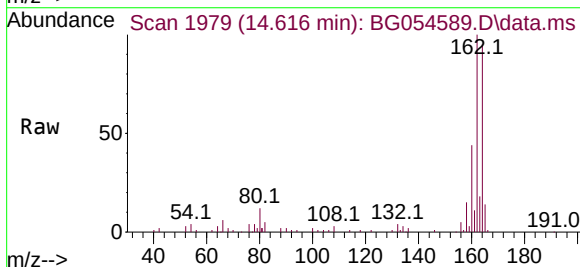
Instrument :
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 ClientSampleId :
 080322-C

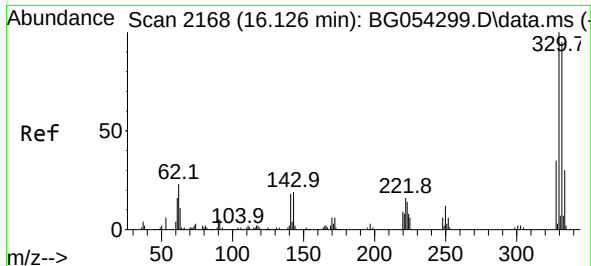
Tgt Ion: 82 Resp: 53391
 Ion Ratio Lower Upper
 82 100
 128 40.8 27.9 41.9
 54 55.1 41.2 61.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.616 min Scan# 1979
 Delta R.T. -0.002 min
 Lab File: BG054589.D
 Acq: 10 Aug 2022 15:26

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# 21

Delta R.T. -0.002 min

Lab File: BG054589.D

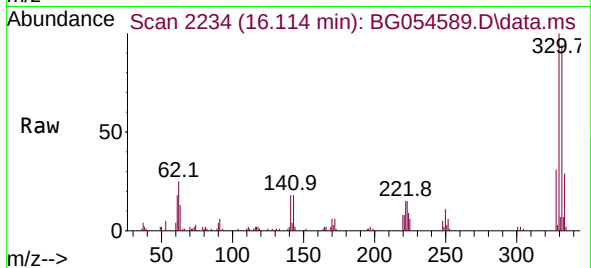
Acq: 10 Aug 2022 15:26

Instrument :

BNA_G

ClientSampleId :

080322-C



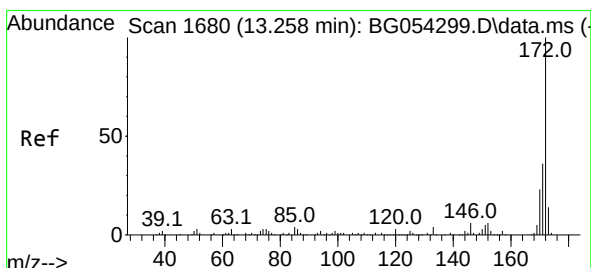
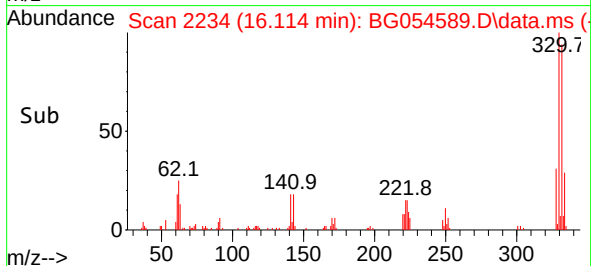
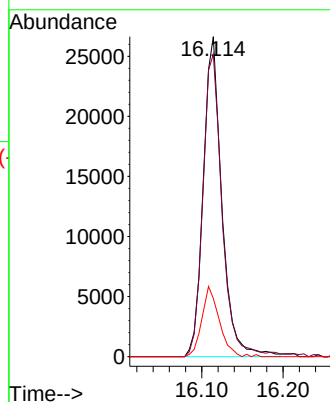
Tgt Ion:330 Resp: 42387

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# 1744

Delta R.T. -0.002 min

Lab File: BG054589.D

Acq: 10 Aug 2022 15:26

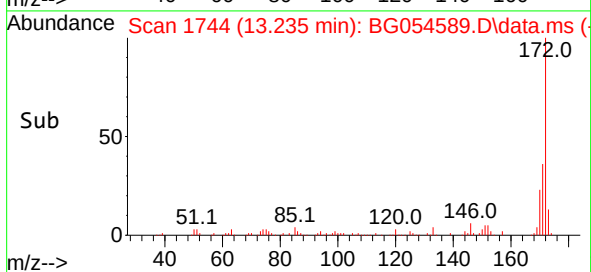
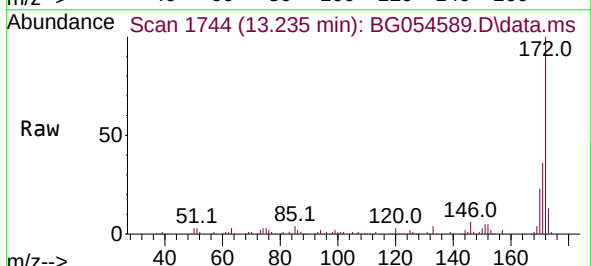
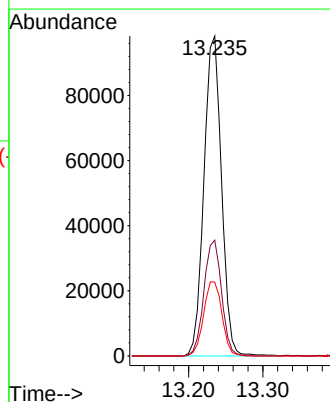
Tgt Ion:172 Resp: 161416

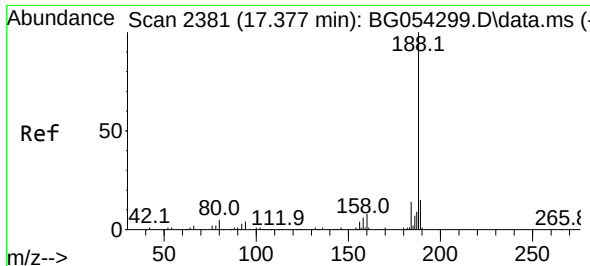
Ion Ratio Lower Upper

172 100

171 36.2 28.5 42.7

170 23.0 18.9 28.3

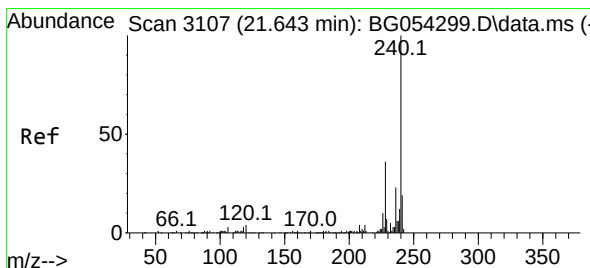
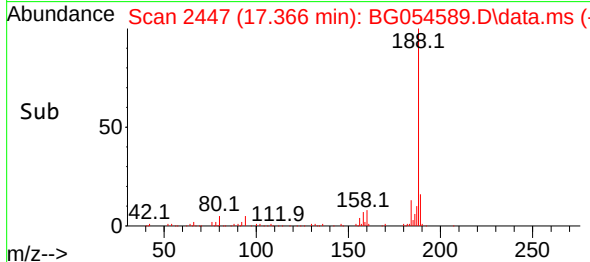
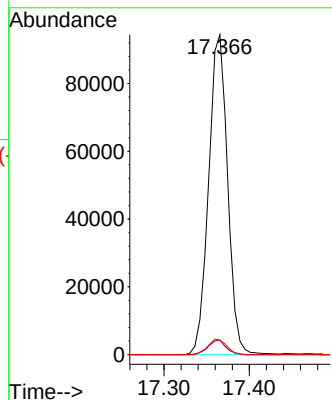
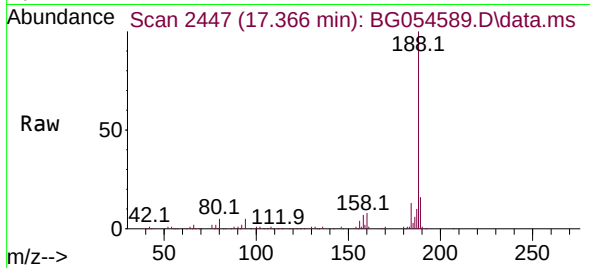




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.366 min Scan# 24
Delta R.T. 0.004 min
Lab File: BG054589.D
Acq: 10 Aug 2022 15:26

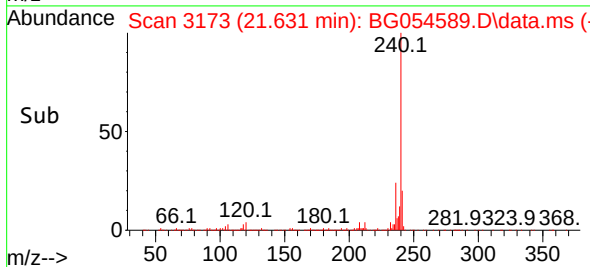
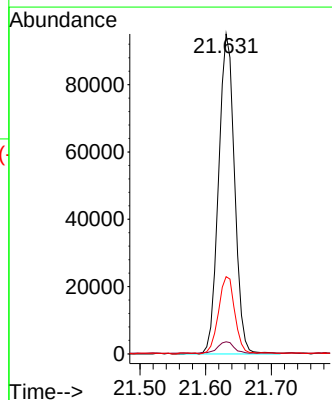
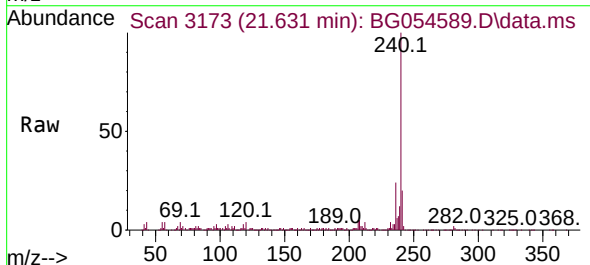
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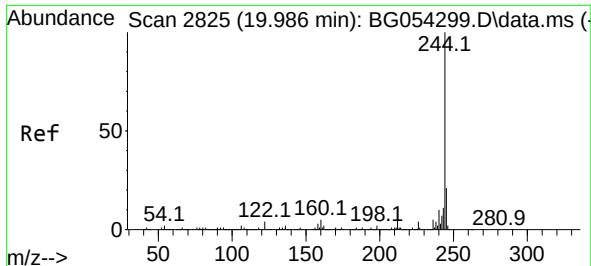
Tgt Ion:188 Resp: 145824
Ion Ratio Lower Upper
188 100
94 4.6 5.4 8.0#
80 4.5 6.8 10.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.631 min Scan# 3173
Delta R.T. -0.002 min
Lab File: BG054589.D
Acq: 10 Aug 2022 15:26

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

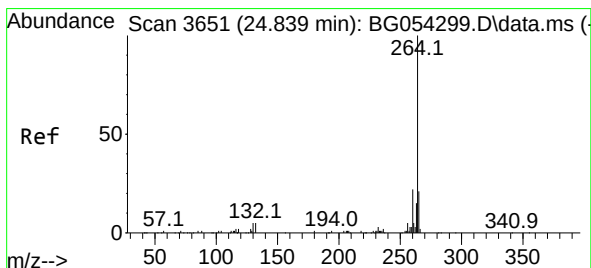
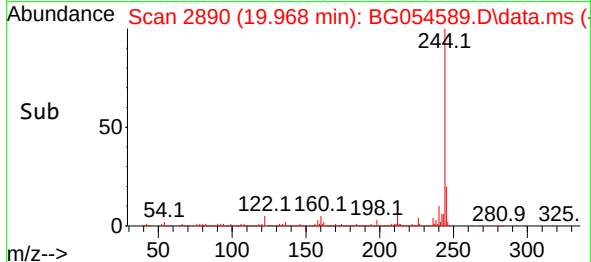
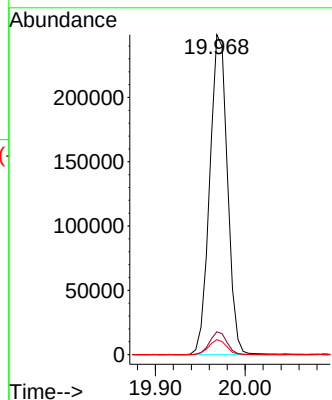
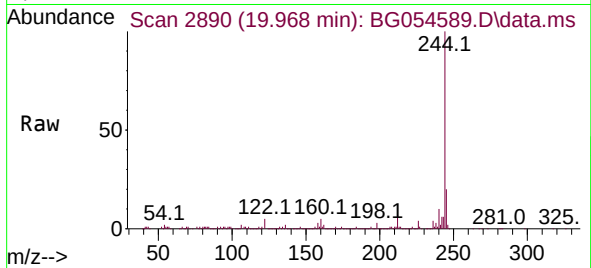




#79
 Terphenyl-d14
 Concen: 42.058 ng
 RT: 19.968 min Scan# 2825
 Delta R.T. -0.002 min
 Lab File: BG054589.D
 Acq: 10 Aug 2022 15:26

Instrument :
 BNA_G
 ClientSampleId :
 080322-C

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# 3719
 Delta R.T. 0.004 min
 Lab File: BG054589.D
 Acq: 10 Aug 2022 15:26

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

