

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072022\
 Data File : BG054325.D
 Acq On : 20 Jul 2022 13:02
 Operator : CG/JU
 Sample : PB146238BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB146238BL

Quant Time: Jul 21 01:24:21 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 15 15:54:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.988	152	18179	20.000	ng	-0.01
21) Naphthalene-d8	10.802	136	67880	20.000	ng	# 0.00
39) Acenaphthene-d10	14.627	164	53980	20.000	ng	0.00
64) Phenanthrene-d10	17.371	188	148760	20.000	ng	# 0.00
76) Chrysene-d12	21.636	240	194420	20.000	ng	# 0.00
86) Perylene-d12	24.838	264	204192	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.555	112	131736	151.301	ng	-0.01
7) Phenol-d6	7.159	99	167534	140.424	ng	-0.01
23) Nitrobenzene-d5	9.157	82	112301	90.094	ng	0.00
42) 2,4,6-Tribromophenol	16.119	330	146931	129.640	ng	0.00
45) 2-Fluorobiphenyl	13.252	172	347561	90.830	ng	0.00
79) Terphenyl-d14	19.985	244	898056	91.635	ng	0.00

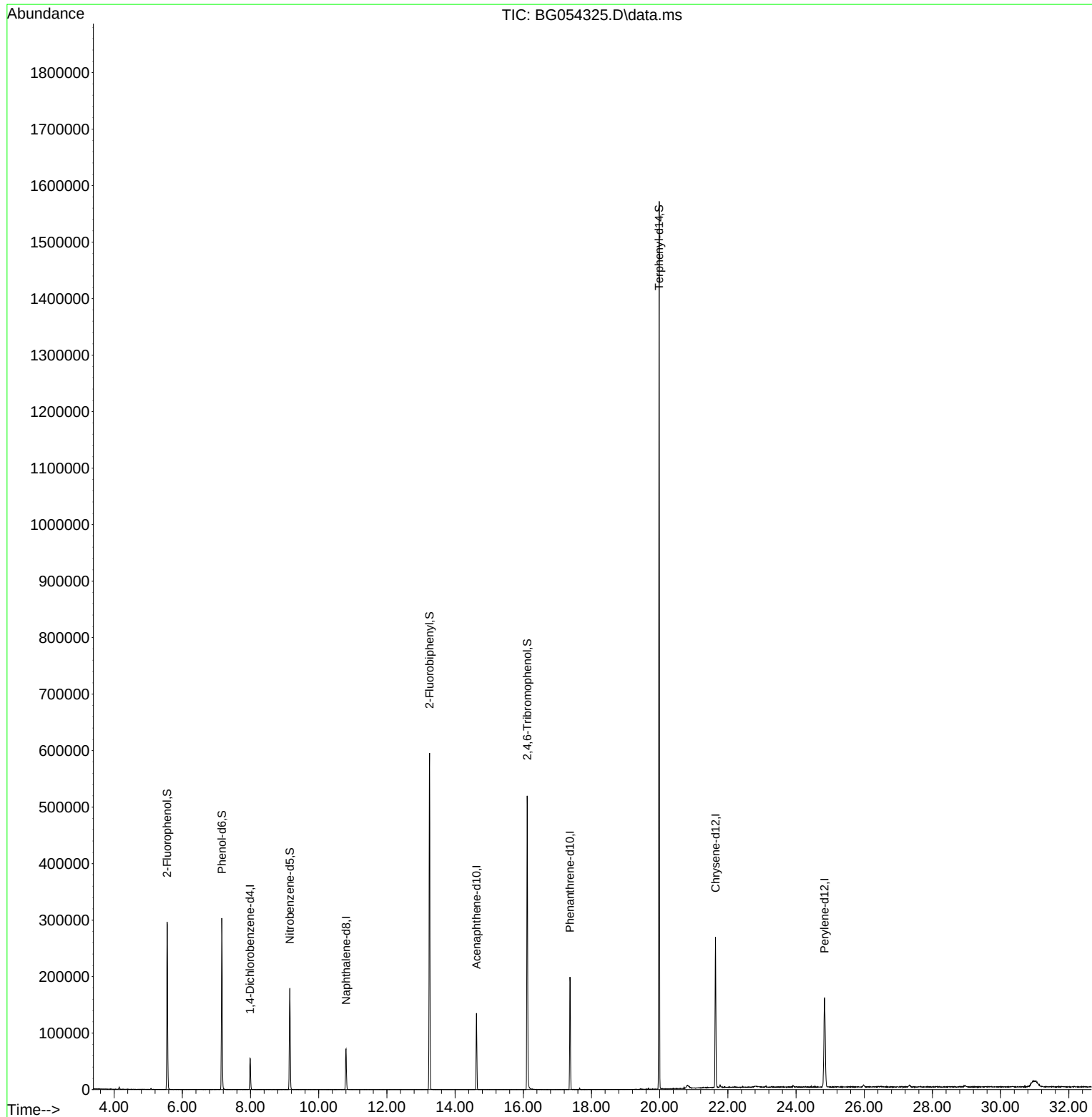
Target Compounds	Qvalue

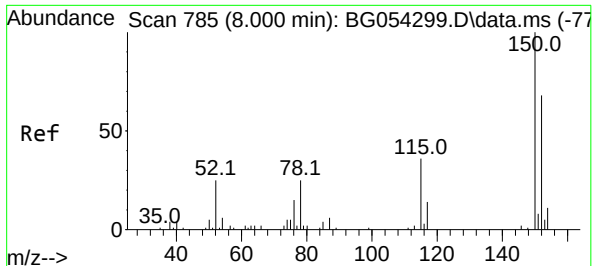
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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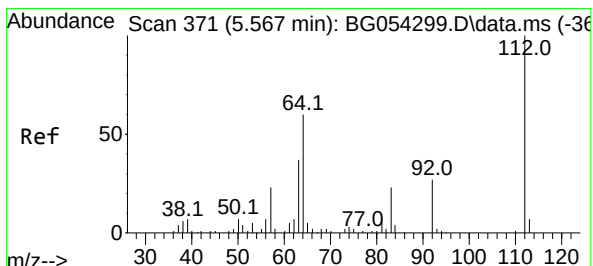
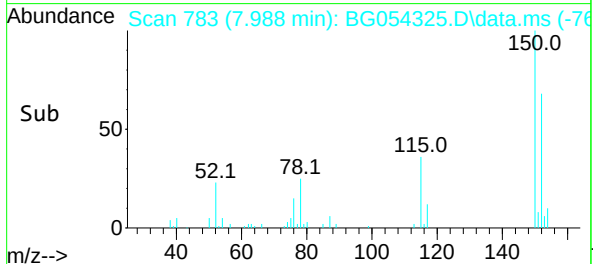
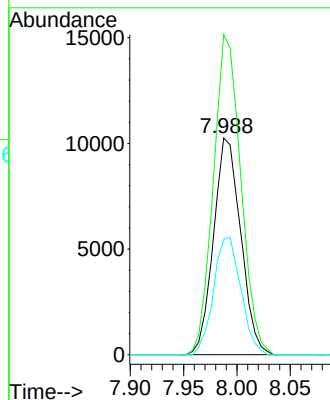
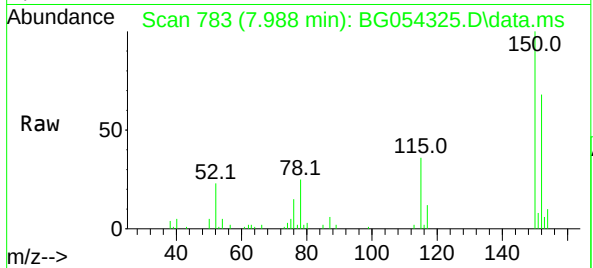




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.988 min Scan# 71
Delta R.T. -0.012 min
Lab File: BG054325.D
Acq: 20 Jul 2022 13:02

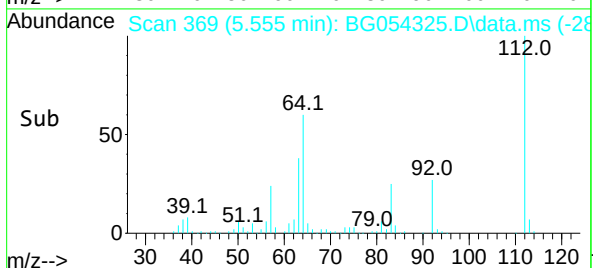
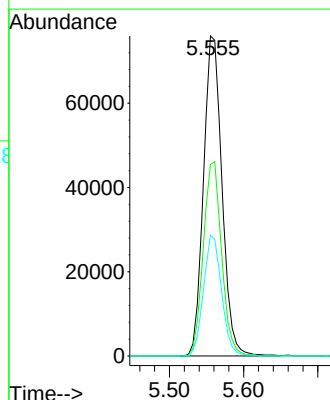
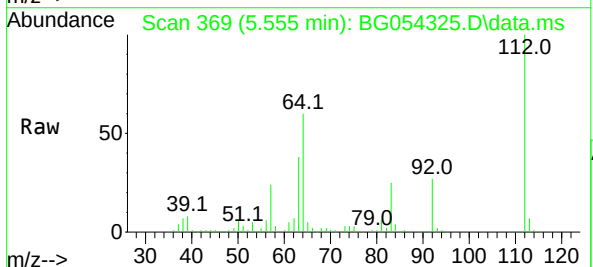
Instrument :
BNA_G
ClientSampleId :
PB146238BL

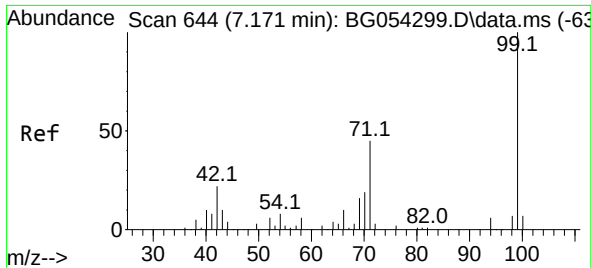
Tgt Ion:152 Resp: 18179
Ion Ratio Lower Upper
152 100
150 147.7 131.6 197.4
115 53.2 50.9 76.3



#5
2-Fluorophenol
Concen: 151.301 ng
RT: 5.555 min Scan# 369
Delta R.T. -0.012 min
Lab File: BG054325.D
Acq: 20 Jul 2022 13:02

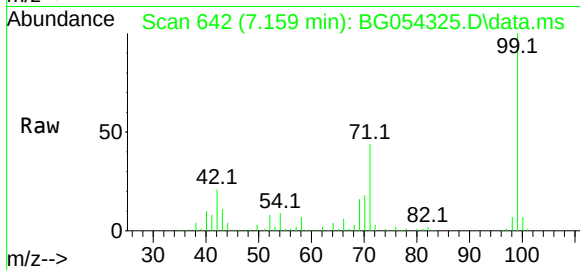
Tgt Ion:112 Resp: 131736
Ion Ratio Lower Upper
112 100
64 59.9 55.1 82.7
63 37.7 30.4 45.6



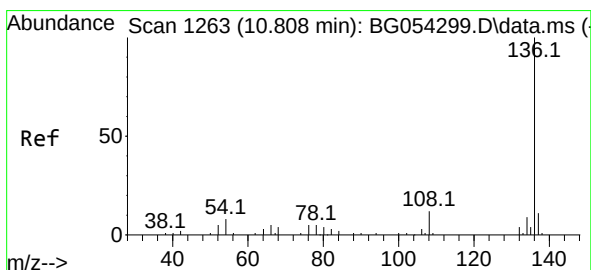
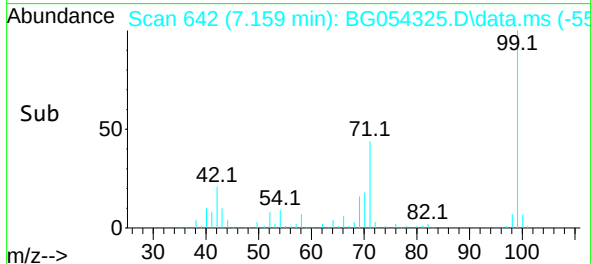
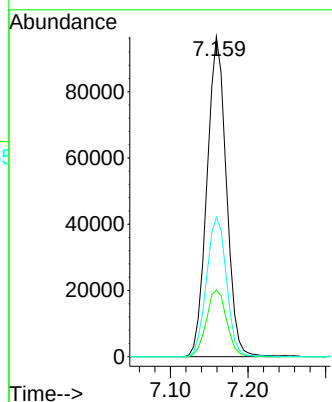


#7
Phenol-d6
Concen: 140.424 ng
RT: 7.159 min Scan# 64
Delta R.T. -0.012 min
Lab File: BG054325.D
Acq: 20 Jul 2022 13:02

Instrument :
BNA_G
ClientSampleId :
PB146238BL

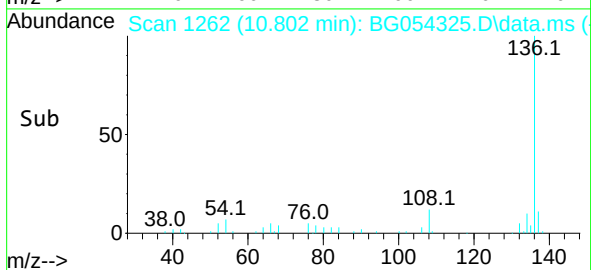
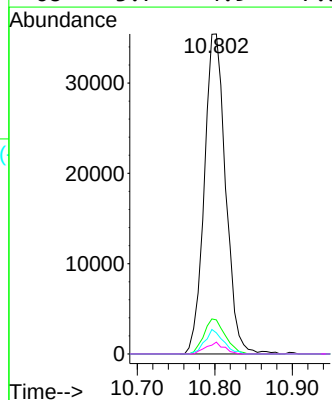
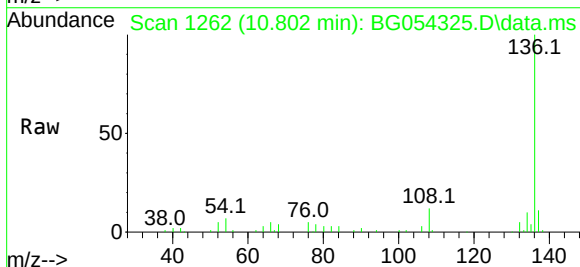


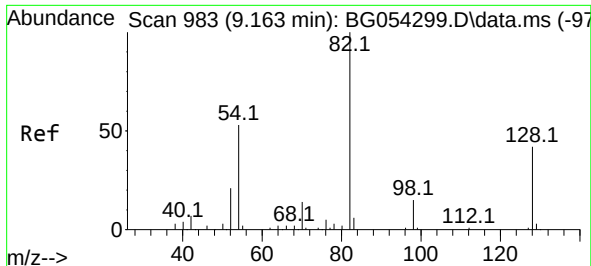
Tgt Ion: 99 Resp: 167534
Ion Ratio Lower Upper
99 100
42 20.8 17.0 25.6
71 43.6 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.802 min Scan# 1262
Delta R.T. -0.006 min
Lab File: BG054325.D
Acq: 20 Jul 2022 13:02

Tgt Ion: 136 Resp: 67880
Ion Ratio Lower Upper
136 100
137 10.6 8.5 12.7
54 6.6 7.4 11.2#
68 3.7 4.9 7.3#

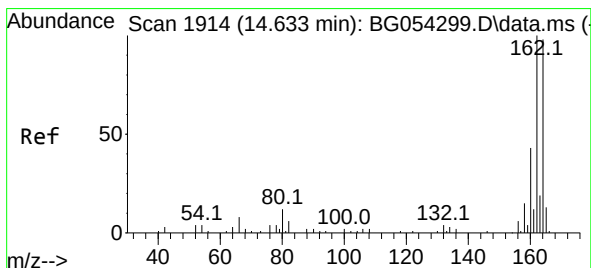
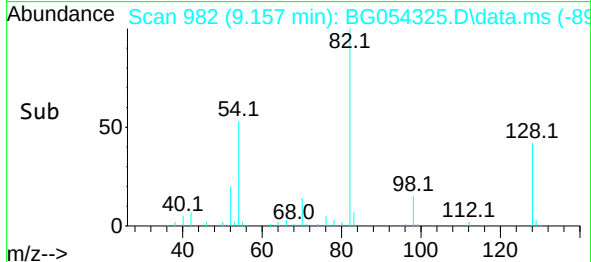
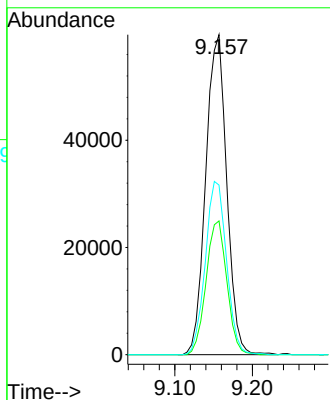
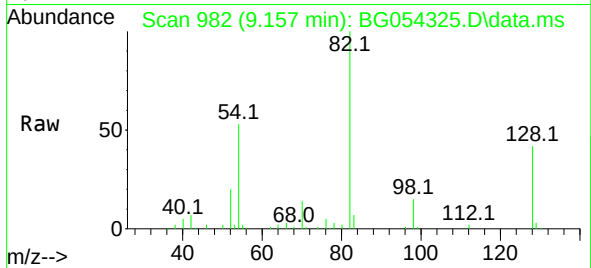




#23
Nitrobenzene-d5
Concen: 90.094 ng
RT: 9.157 min Scan# 91
Delta R.T. -0.006 min
Lab File: BG054325.D
Acq: 20 Jul 2022 13:02

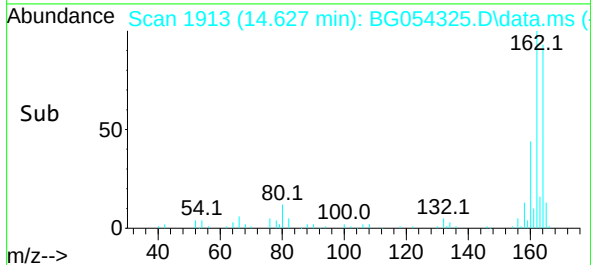
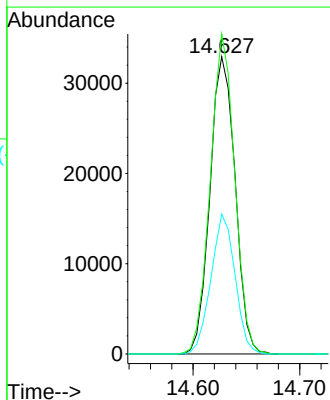
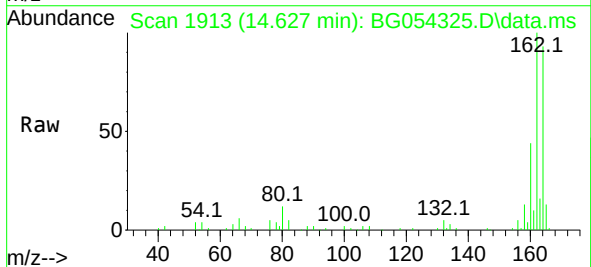
Instrument :
BNA_G
ClientSampleId :
PB146238BL

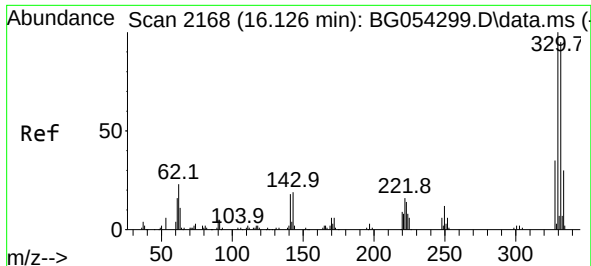
Tgt Ion: 82 Resp: 112301
Ion Ratio Lower Upper
82 100
128 41.8 27.9 41.9
54 53.0 41.2 61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.627 min Scan# 1913
Delta R.T. -0.006 min
Lab File: BG054325.D
Acq: 20 Jul 2022 13:02

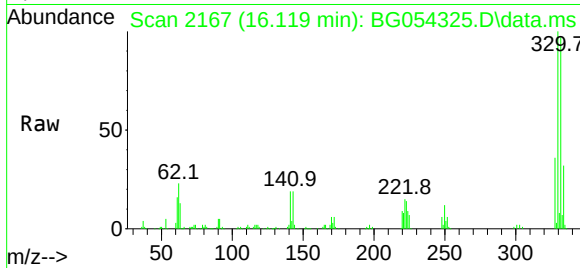
Tgt Ion: 164 Resp: 53980
Ion Ratio Lower Upper
164 100
162 107.6 82.3 123.5
160 47.0 34.2 51.2



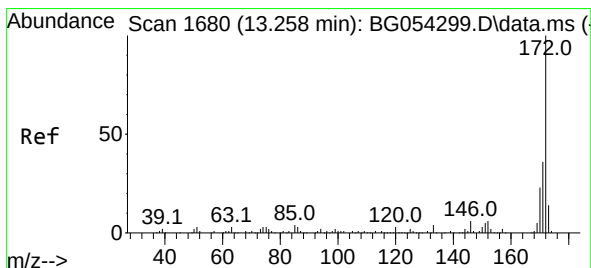
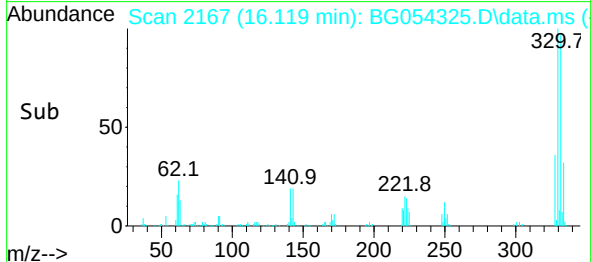
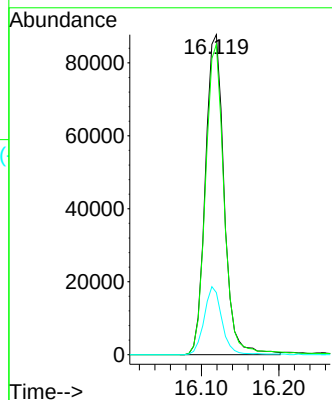


#42
2,4,6-Tribromophenol
Concen: 129.640 ng
RT: 16.119 min Scan# 2168
Delta R.T. -0.006 min
Lab File: BG054325.D
Acq: 20 Jul 2022 13:02

Instrument :
BNA_G
ClientSampleId :
PB146238BL

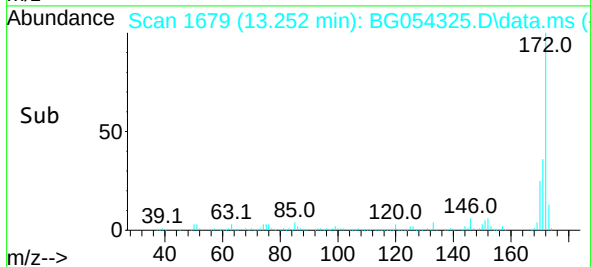
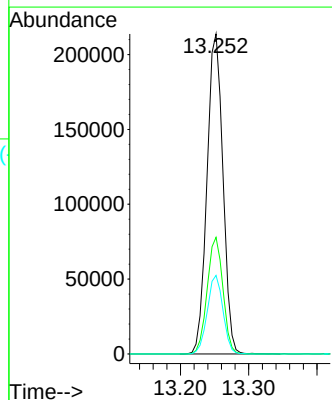
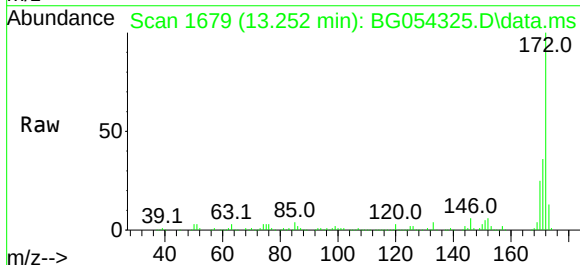


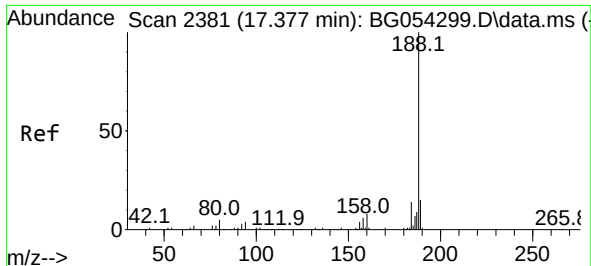
Tgt Ion:330 Resp: 146931
Ion Ratio Lower Upper
330 100
332 96.9 76.0 114.0
141 20.3 27.1 40.7#



#45
2-Fluorobiphenyl
Concen: 90.830 ng
RT: 13.252 min Scan# 1679
Delta R.T. -0.006 min
Lab File: BG054325.D
Acq: 20 Jul 2022 13:02

Tgt Ion:172 Resp: 347561
Ion Ratio Lower Upper
172 100
171 36.5 28.5 42.7
170 24.5 18.9 28.3

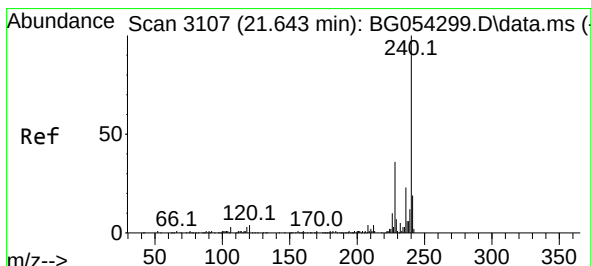
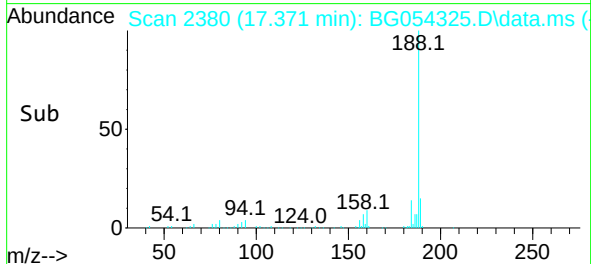
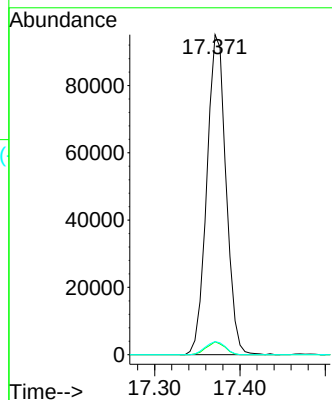
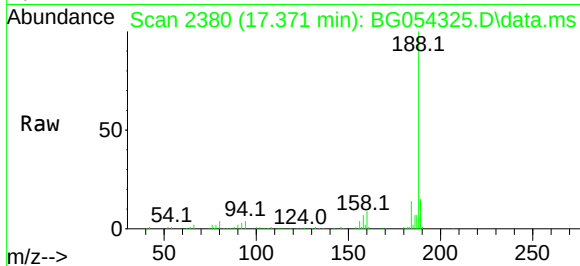




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.371 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG054325.D
Acq: 20 Jul 2022 13:02

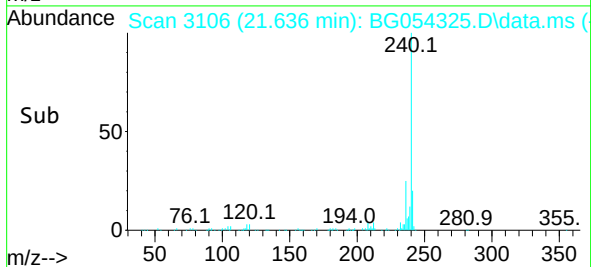
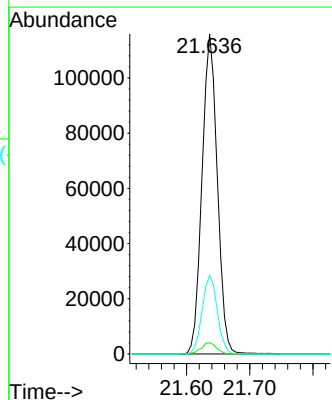
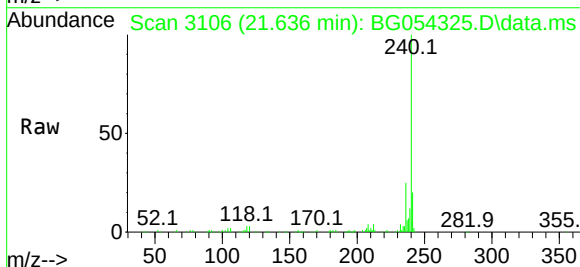
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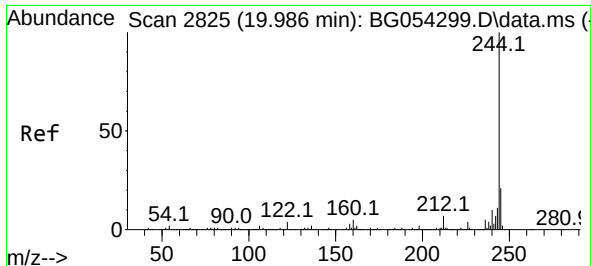
Tgt Ion:188 Resp: 148760
Ion Ratio Lower Upper
188 100
94 4.1 5.4 8.0#
80 4.1 6.8 10.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.636 min Scan# 3106
Delta R.T. -0.007 min
Lab File: BG054325.D
Acq: 20 Jul 2022 13:02

Tgt Ion:240 Resp: 194420
Ion Ratio Lower Upper
240 100
120 3.5 4.6 7.0#
236 24.5 20.2 30.4

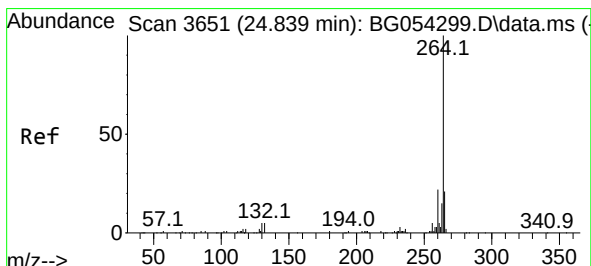
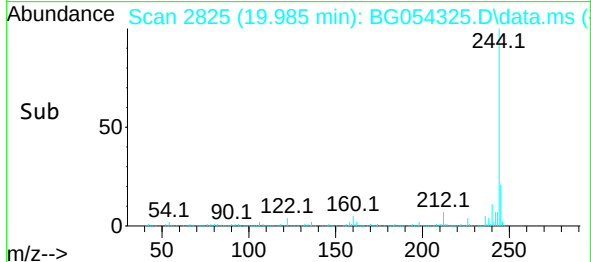
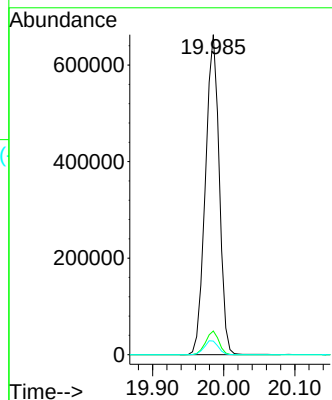
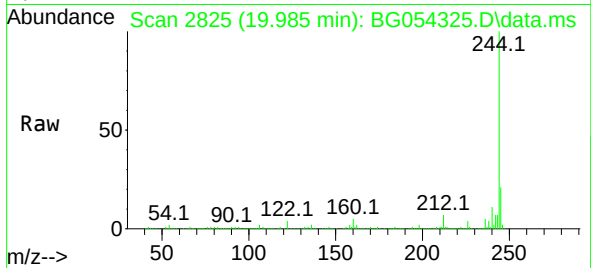




#79
 Terphenyl-d14
 Concen: 91.635 ng
 RT: 19.985 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BG054325.D
 Acq: 20 Jul 2022 13:02

Instrument :
 BNA_G
 ClientSampleId :
 PB146238BL

Tgt Ion:244 Resp: 898056
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.5 9.7
 122 4.2 5.0 7.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.838 min Scan# 3651
 Delta R.T. -0.000 min
 Lab File: BG054325.D
 Acq: 20 Jul 2022 13:02

Tgt Ion:264 Resp: 204192
 Ion Ratio Lower Upper
 264 100
 260 22.6 19.0 28.6
 265 21.8 17.4 26.2

