

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072722\
 Data File : BG054410.D
 Acq On : 27 Jul 2022 10:34
 Operator : CG/JU
 Sample : PB146424TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB146424TB

Quant Time: Jul 28 04:32:52 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 28 04:30:50 2022
 Response via : Initial Calibration

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

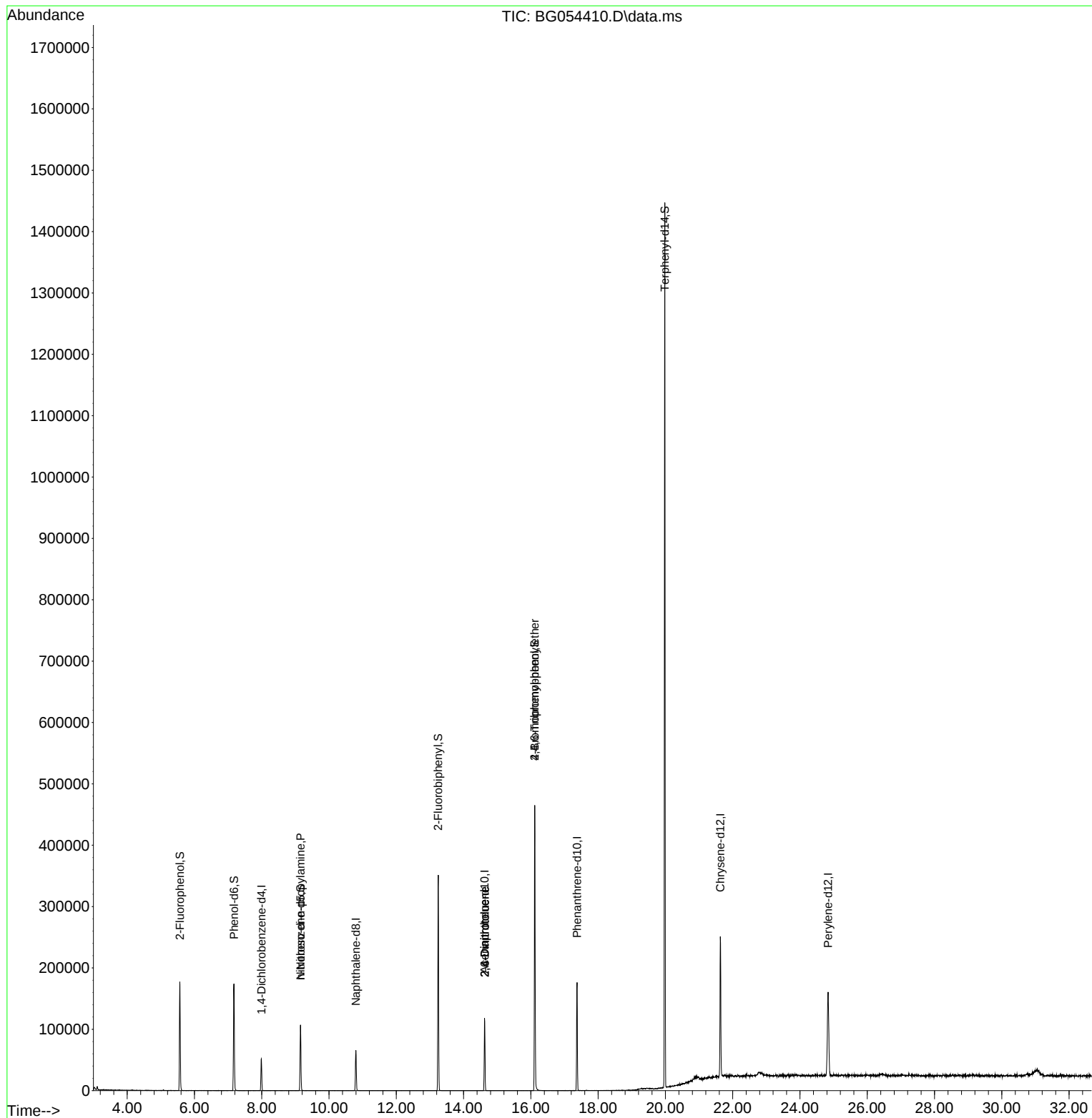
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.988	152	17024	20.000	ng	0.00
21) Naphthalene-d8	10.797	136	61752	20.000	ng	# 0.00
39) Acenaphthene-d10	14.622	164	48582	20.000	ng	0.00
64) Phenanthrene-d10	17.372	188	132511	20.000	ng	# 0.00
76) Chrysene-d12	21.631	240	160286	20.000	ng	# 0.00
86) Perylene-d12	24.833	264	169610	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.568	112	81520	99.979	ng	0.00
7) Phenol-d6	7.172	99	104255	93.313	ng	0.00
23) Nitrobenzene-d5	9.152	82	68844	60.711	ng	0.00
42) 2,4,6-Tribromophenol	16.114	330	128022	125.507	ng	0.00
45) 2-Fluorobiphenyl	13.247	172	207105	60.138	ng	0.00
79) Terphenyl-d14	19.980	244	815507	100.932	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	7.166	77	116	Below Cal	#	10
19) n-Nitroso-di-n-propyla...	9.152	70	9453	12.670	ng	# 84
51) 2,6-Dinitrotoluene	14.628	165	6478	7.783	ng	# 16
57) 2,4-Dinitrotoluene	14.628	165	6478	5.429	ng	# 21
67) 4-Bromophenyl-phenylether	16.114	248	7956	4.275	ng	# 1

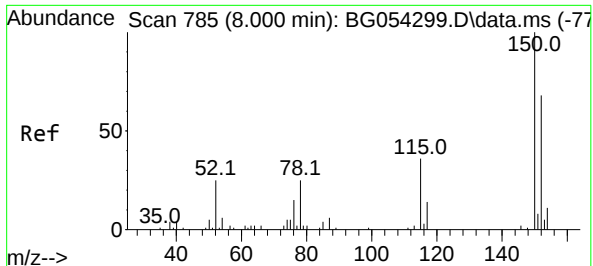
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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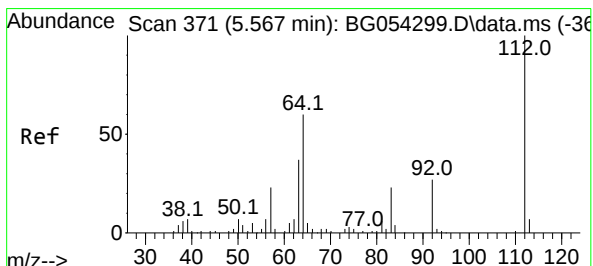
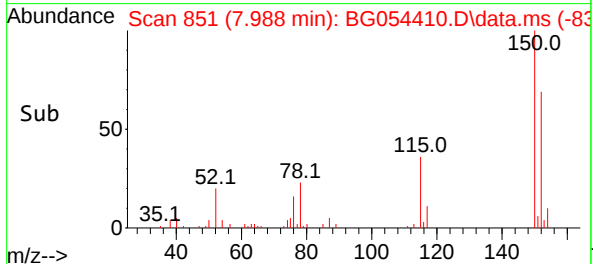
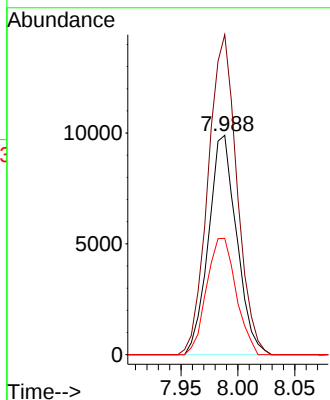
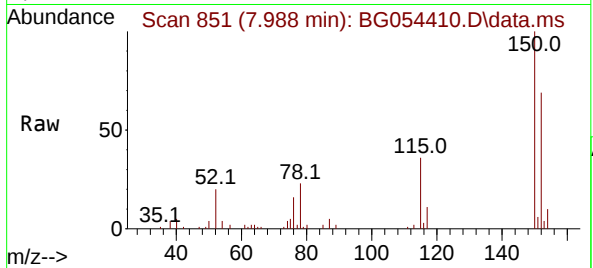




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.988 min Scan# 81
Delta R.T. 0.000 min
Lab File: BG054410.D
Acq: 27 Jul 2022 10:34

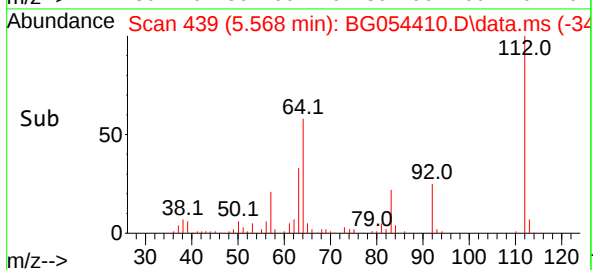
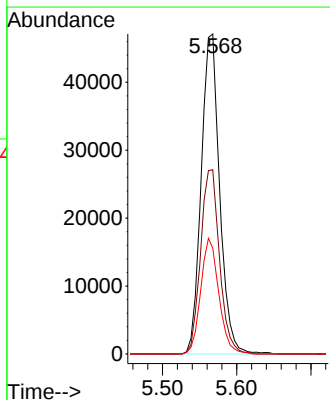
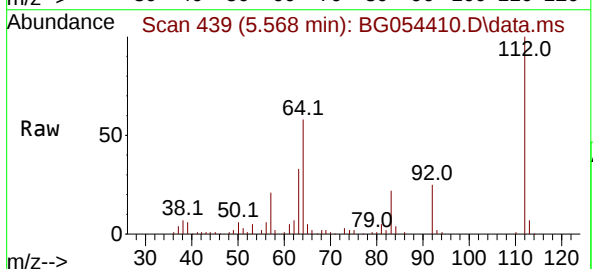
Instrument :
BNA_G
ClientSampleId :
PB146424TB

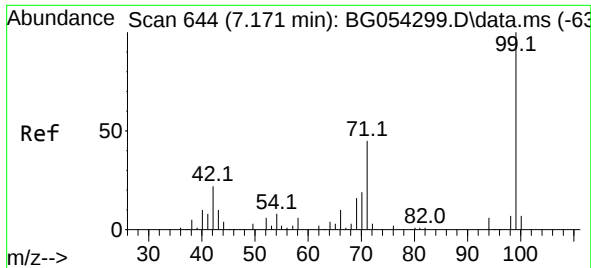
Tgt Ion:152 Resp: 17024
Ion Ratio Lower Upper
152 100
150 145.9 131.6 197.4
115 53.1 50.9 76.3



#5
2-Fluorophenol
Concen: 99.979 ng
RT: 5.568 min Scan# 439
Delta R.T. 0.006 min
Lab File: BG054410.D
Acq: 27 Jul 2022 10:34

Tgt Ion:112 Resp: 81520
Ion Ratio Lower Upper
112 100
64 57.6 55.1 82.7
63 33.1 30.4 45.6

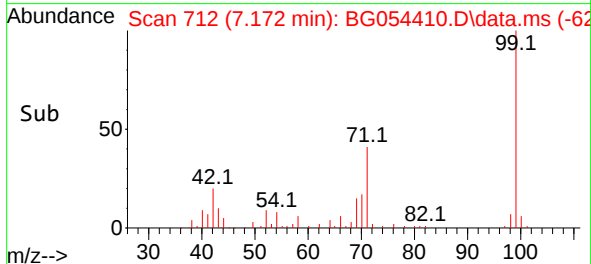
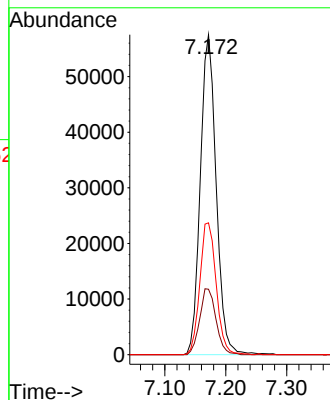
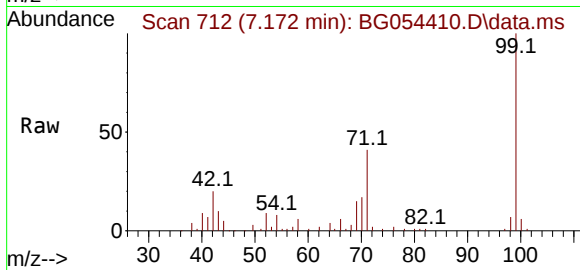




#7
Phenol-d6
Concen: 93.313 ng
RT: 7.172 min Scan# 71
Delta R.T. 0.000 min
Lab File: BG054410.D
Acq: 27 Jul 2022 10:34

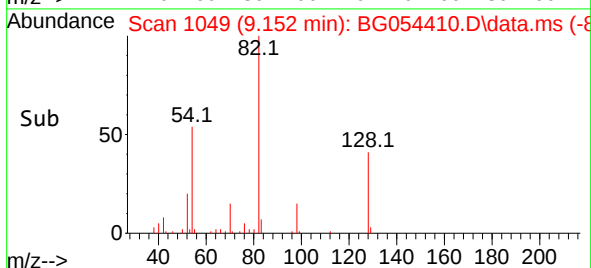
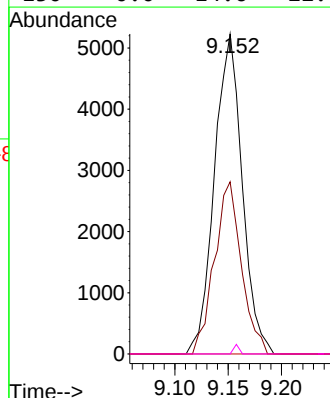
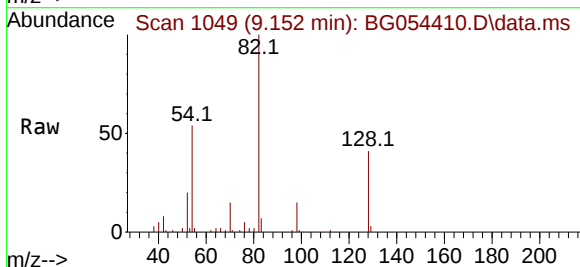
Instrument :
BNA_G
ClientSampleId :
PB146424TB

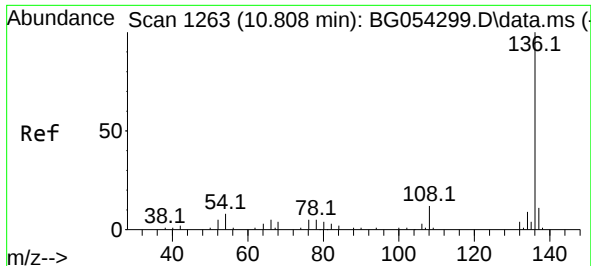
Tgt Ion: 99 Resp: 104255
Ion Ratio Lower Upper
99 100
42 20.4 17.0 25.6
71 41.2 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 12.670 ng
RT: 9.152 min Scan# 1049
Delta R.T. 0.358 min
Lab File: BG054410.D
Acq: 27 Jul 2022 10:34

Tgt Ion: 70 Resp: 9453
Ion Ratio Lower Upper
70 100
42 53.8 47.3 70.9
101 0.0 7.0 10.4#
130 0.0 14.6 22.0#

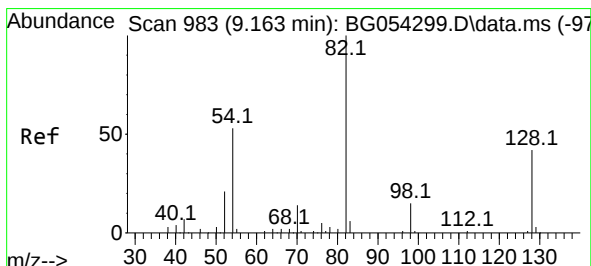
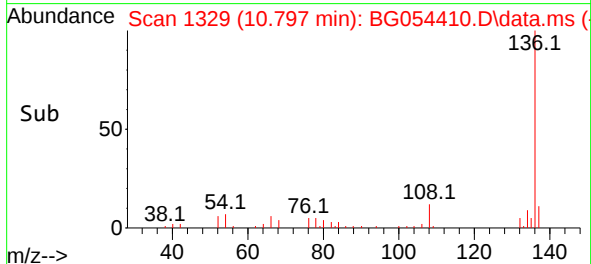
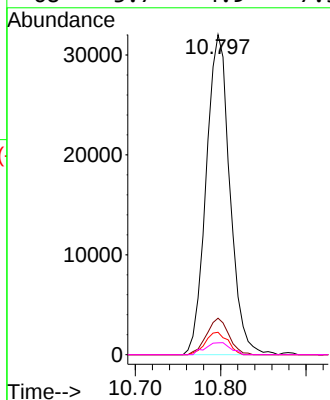
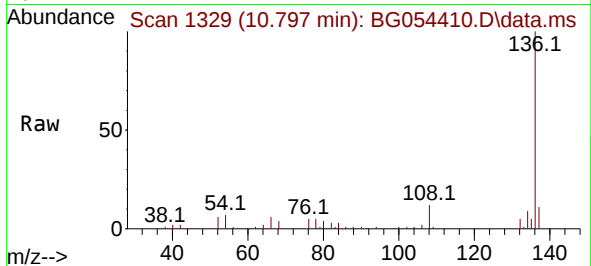




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.797 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG054410.D
Acq: 27 Jul 2022 10:34

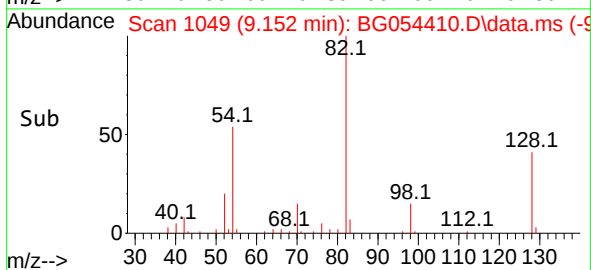
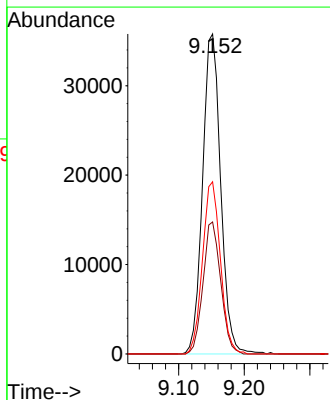
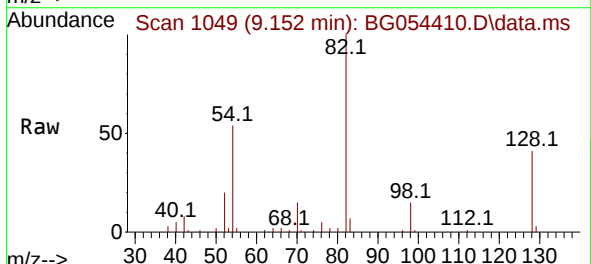
Instrument :
BNA_G
ClientSampleId :
PB146424TB

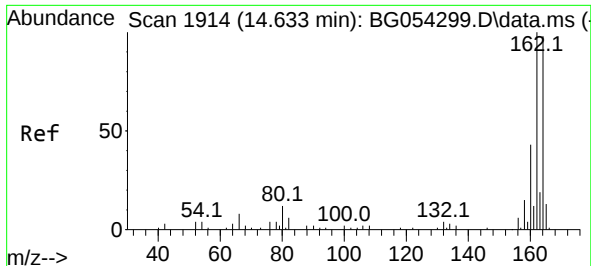
Tgt Ion:	136	Resp:	61752
Ion Ratio	Lower	Upper	
136	100		
137	11.4	8.5	12.7
54	7.0	7.4	11.2#
68	3.7	4.9	7.3#



#23
Nitrobenzene-d5
Concen: 60.711 ng
RT: 9.152 min Scan# 1049
Delta R.T. 0.000 min
Lab File: BG054410.D
Acq: 27 Jul 2022 10:34

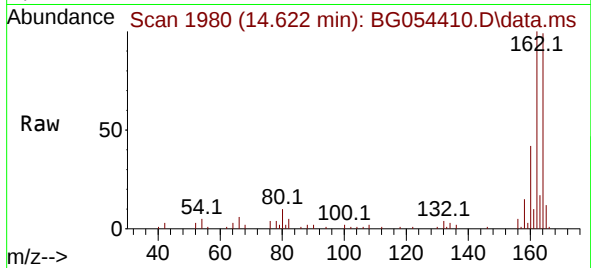
Tgt Ion:	82	Resp:	68844
Ion Ratio	Lower	Upper	
82	100		
128	41.3	27.9	41.9
54	53.8	41.2	61.8



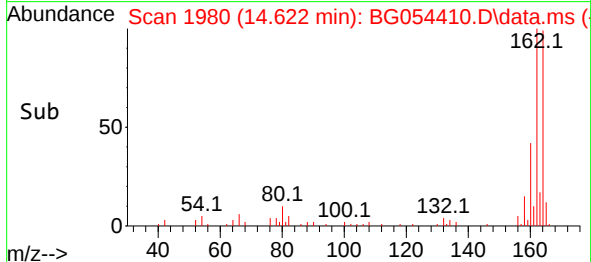
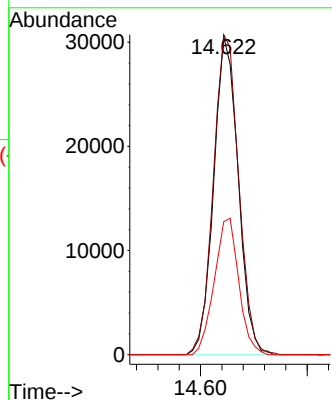


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.622 min Scan# 1914
Delta R.T. 0.000 min
Lab File: BG054410.D
Acq: 27 Jul 2022 10:34

Instrument :
BNA_G
ClientSampleId :
PB146424TB

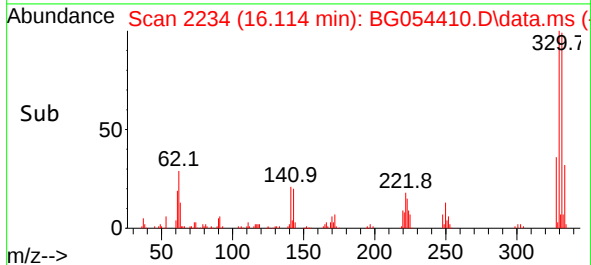
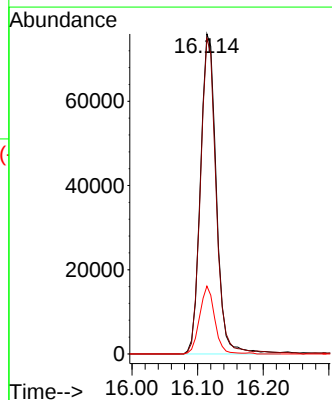
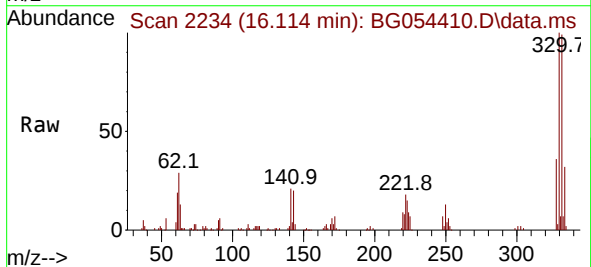


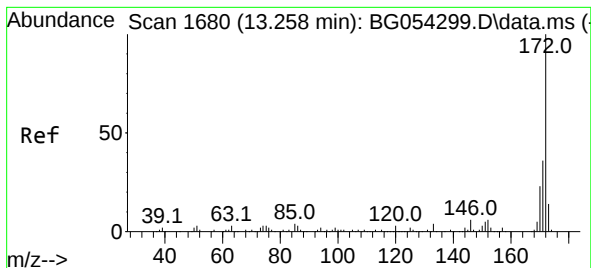
Tgt Ion:164 Resp: 48582
Ion Ratio Lower Upper
164 100
162 100.6 82.3 123.5
160 41.8 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 125.507 ng
RT: 16.114 min Scan# 2234
Delta R.T. 0.000 min
Lab File: BG054410.D
Acq: 27 Jul 2022 10:34

Tgt Ion:330 Resp: 128022
Ion Ratio Lower Upper
330 100
332 97.7 76.0 114.0
141 20.1 27.1 40.7#





#45

2-Fluorobiphenyl

Concen: 60.138 ng

RT: 13.247 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG054410.D

Acq: 27 Jul 2022 10:34

Instrument :

BNA_G

ClientSampleId :

PB146424TB

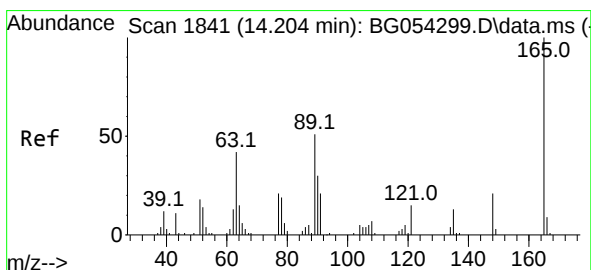
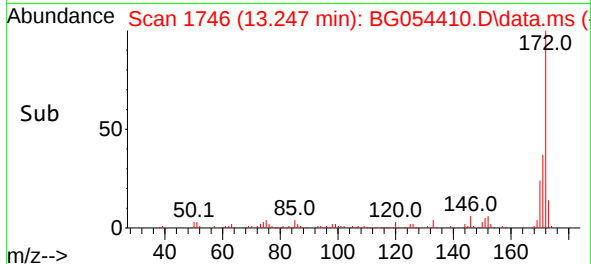
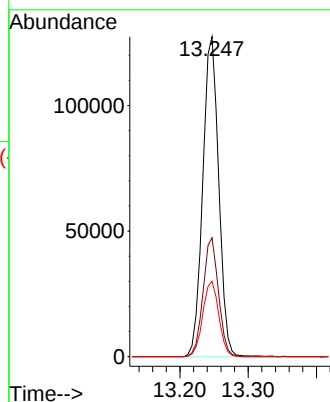
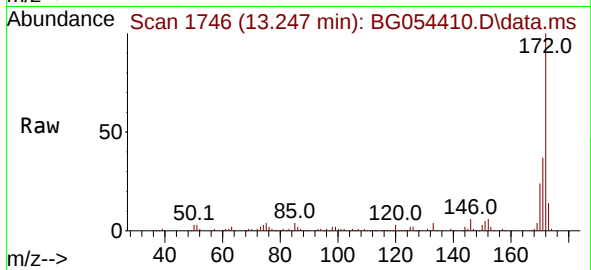
Tgt Ion:172 Resp: 207105

Ion Ratio Lower Upper

172 100

171 37.1 28.5 42.7

170 23.5 18.9 28.3



#51

2,6-Dinitrotoluene

Concen: 7.783 ng

RT: 14.628 min Scan# 1981

Delta R.T. 0.429 min

Lab File: BG054410.D

Acq: 27 Jul 2022 10:34

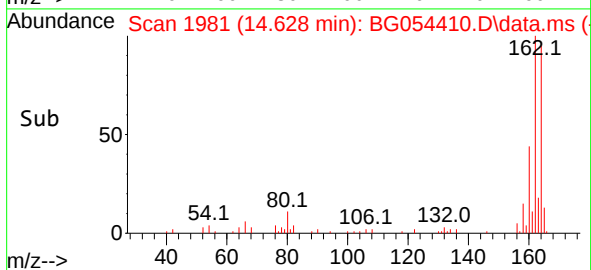
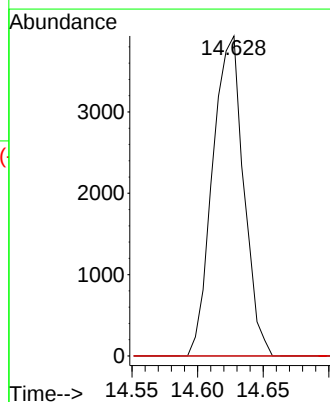
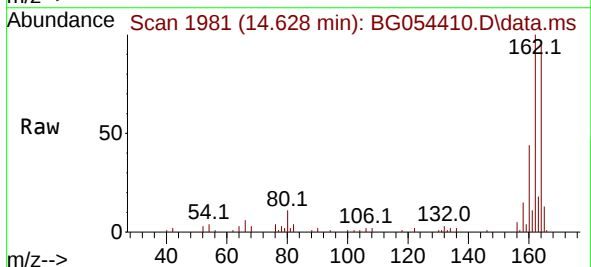
Tgt Ion:165 Resp: 6478

Ion Ratio Lower Upper

165 100

63 0.0 54.1 81.1#

89 0.0 54.8 82.2#

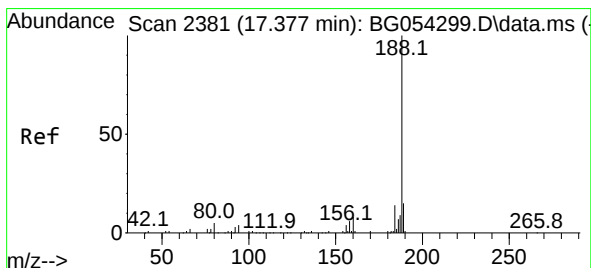
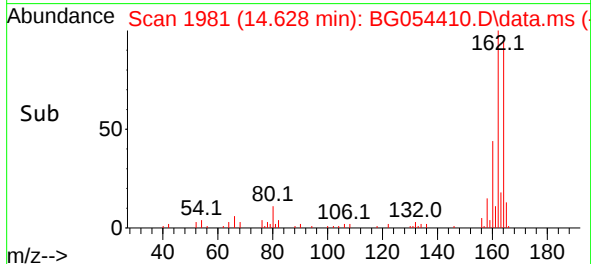
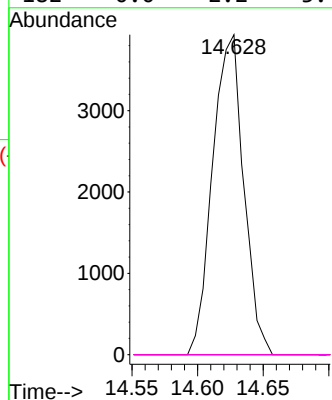
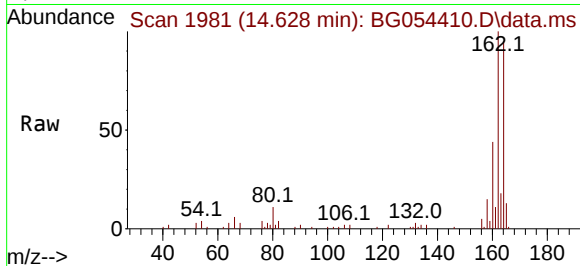




#57
2,4-Dinitrotoluene
Concen: 5.429 ng
RT: 14.628 min Scan# 1976
Delta R.T. -0.364 min
Lab File: BG054410.D
Acq: 27 Jul 2022 10:34

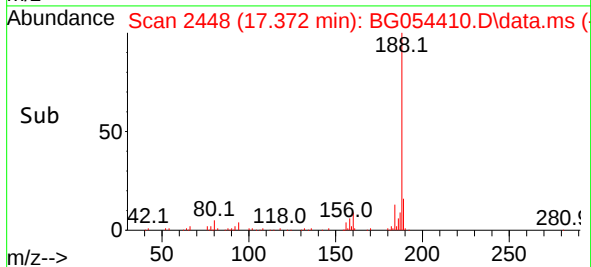
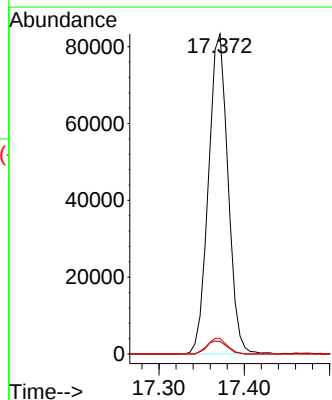
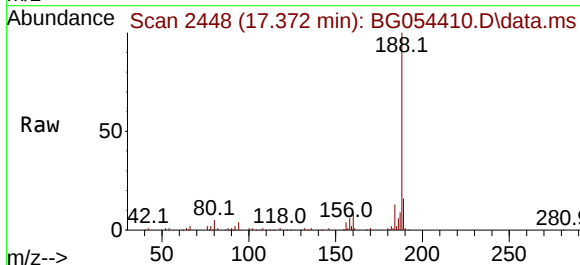
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PB146424TB

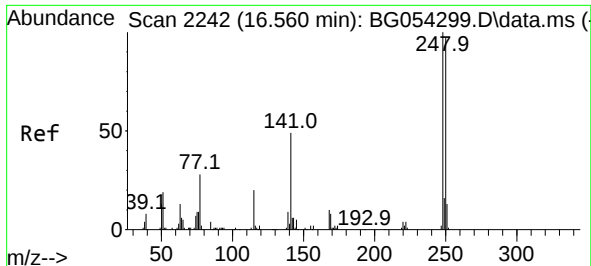
Tgt Ion:165 Resp: 6478
Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 0.0 60.3 90.5#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.372 min Scan# 2448
Delta R.T. 0.000 min
Lab File: BG054410.D
Acq: 27 Jul 2022 10:34

Tgt Ion:188 Resp: 132511
Ion Ratio Lower Upper
188 100
94 4.0 5.4 8.0#
80 4.8 6.8 10.2#

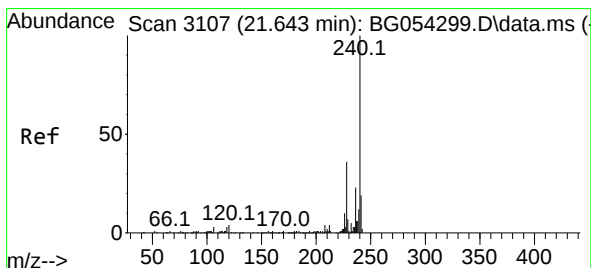
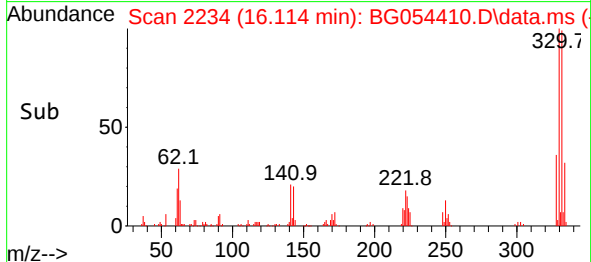
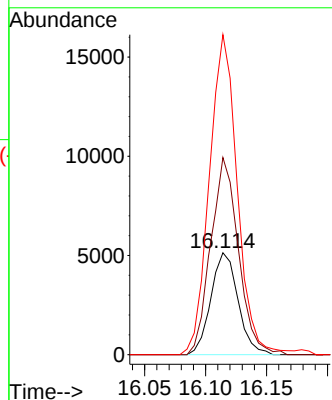
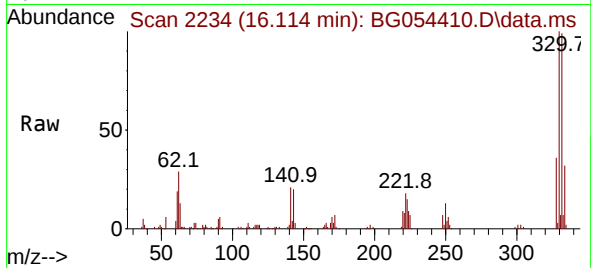




#67
4-Bromophenyl-phenylether
Concen: 4.275 ng
RT: 16.114 min Scan# 21
Delta R.T. -0.441 min
Lab File: BG054410.D
Acq: 27 Jul 2022 10:34

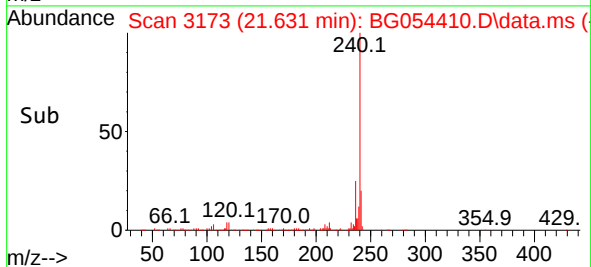
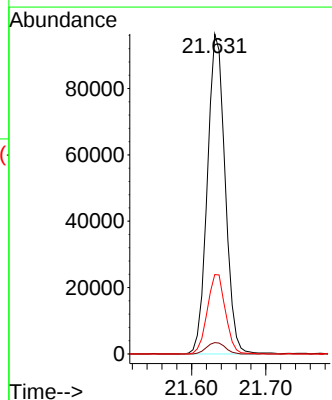
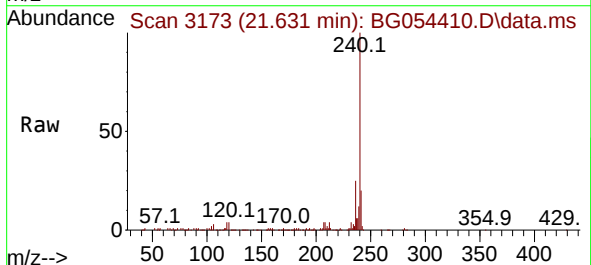
Instrument :
BNA_G
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PB146424TB

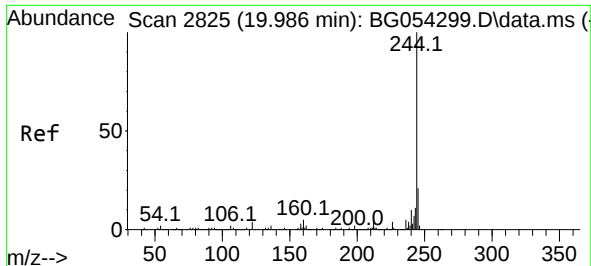
Tgt Ion:248 Resp: 7956
Ion Ratio Lower Upper
248 100
250 193.6 75.2 112.8#
141 314.2 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.631 min Scan# 3173
Delta R.T. -0.006 min
Lab File: BG054410.D
Acq: 27 Jul 2022 10:34

Tgt Ion:240 Resp: 160286
Ion Ratio Lower Upper
240 100
120 3.5 4.6 7.0#
236 24.8 20.2 30.4

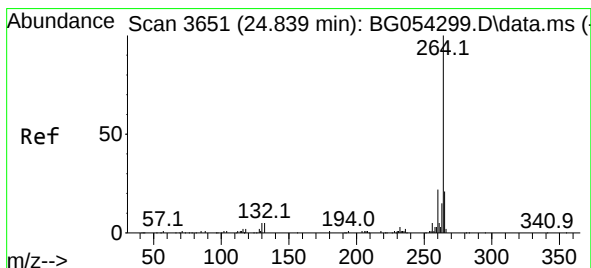
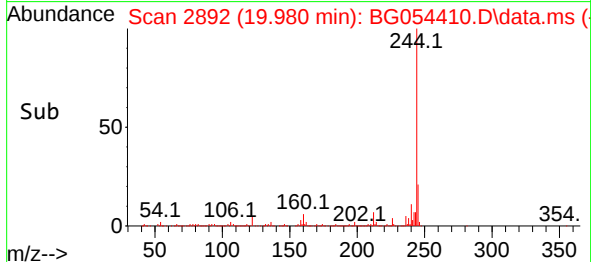
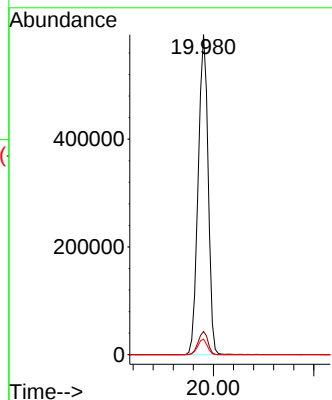
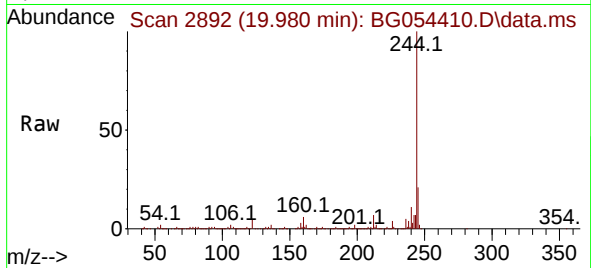




#79
 Terphenyl-d14
 Concen: 100.932 ng
 RT: 19.980 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG054410.D
 Acq: 27 Jul 2022 10:34

Instrument :
 BNA_G
 ClientSampleId :
 PB146424TB

Tgt Ion:244 Resp: 815507
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.5 9.7
 122 4.8 5.0 7.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.833 min Scan# 3718
 Delta R.T. 0.000 min
 Lab File: BG054410.D
 Acq: 27 Jul 2022 10:34

Tgt Ion:264 Resp: 169610
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.0 28.6
 265 22.7 17.4 26.2

