

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081022\
 Data File : BG054582.D
 Acq On : 10 Aug 2022 10:33
 Operator : CG/JU
 Sample : PB146816BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB146816BL

Quant Time: Aug 10 14:24:27 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)

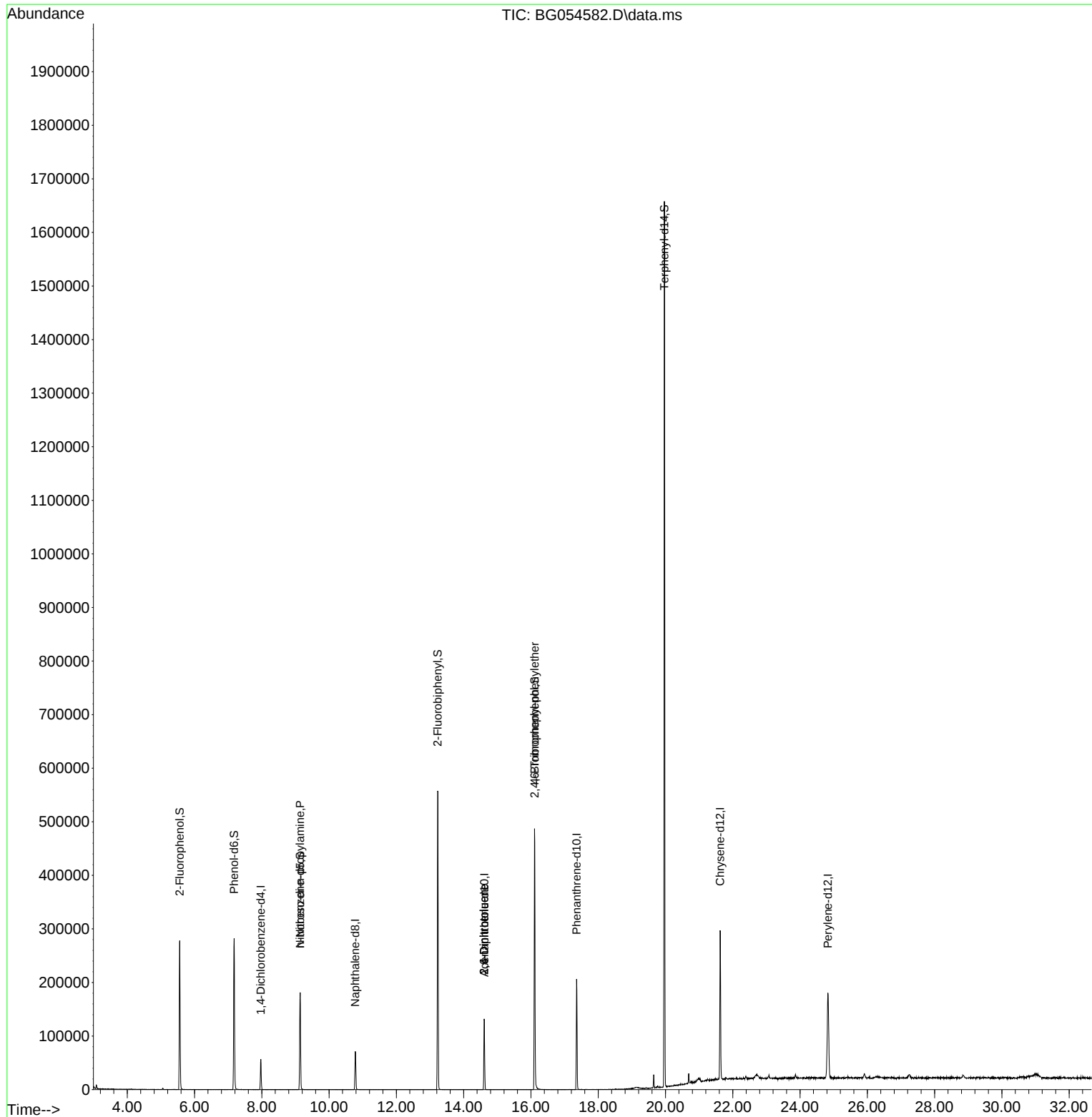
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.971	152	17505	20.000	ng	0.00
21) Naphthalene-d8	10.779	136	69147	20.000	ng	# 0.00
39) Acenaphthene-d10	14.616	164	54166	20.000	ng	0.00
64) Phenanthrene-d10	17.360	188	152411	20.000	ng	# 0.00
76) Chrysene-d12	21.625	240	197840	20.000	ng	# 0.00
86) Perylene-d12	24.827	264	199728	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.562	112	127770	152.396	ng	0.00
7) Phenol-d6	7.177	99	165846	144.361	ng	0.00
23) Nitrobenzene-d5	9.140	82	113530	89.411	ng	0.00
42) 2,4,6-Tribromophenol	16.114	330	138505	121.786	ng	0.00
45) 2-Fluorobiphenyl	13.229	172	338884	88.259	ng	0.00
79) Terphenyl-d14	19.968	244	932024	93.457	ng	0.00
Target Compounds						
9) Benzaldehyde	7.177	77	201	Below Cal	#	10
19) n-Nitroso-di-n-propyla...	9.140	70	16043	20.912	ng	# 77
51) 2,6-Dinitrotoluene	14.610	165	7502	8.084	ng	# 16
57) 2,4-Dinitrotoluene	14.610	165	7502	5.639	ng	# 21
67) 4-Bromophenyl-phenylether	16.108	248	8277	3.867	ng	# 1

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

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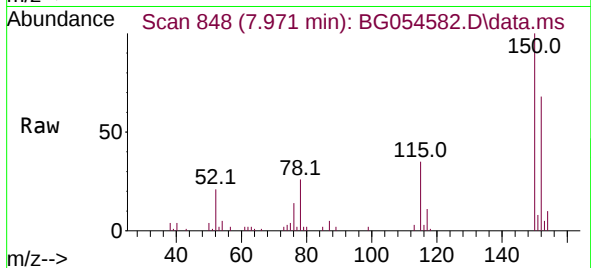
Quant Time: Aug 10 14:24:27 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 08 14:48:51 2022
Response via : Initial Calibration



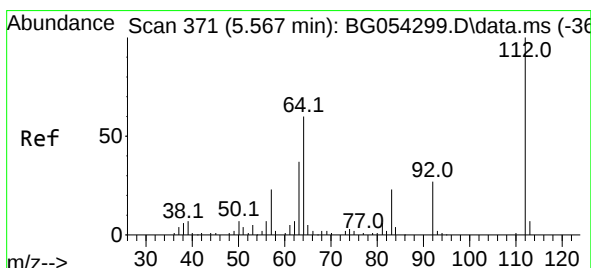
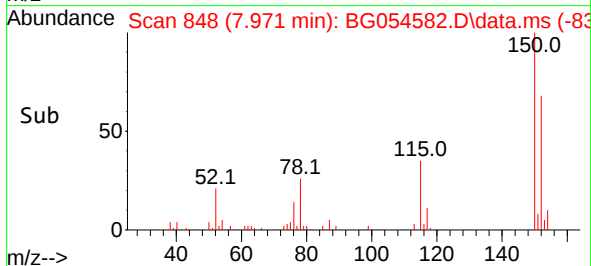
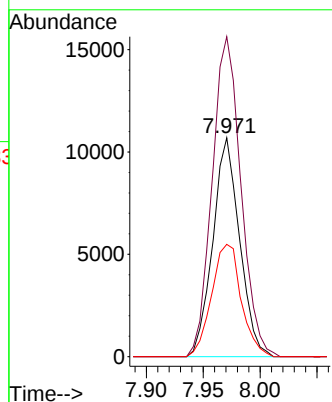


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.971 min Scan# 84
Delta R.T. -0.001 min
Lab File: BG054582.D
Acq: 10 Aug 2022 10:33

Instrument :
BNA_G
ClientSampleId :
PB146816BL

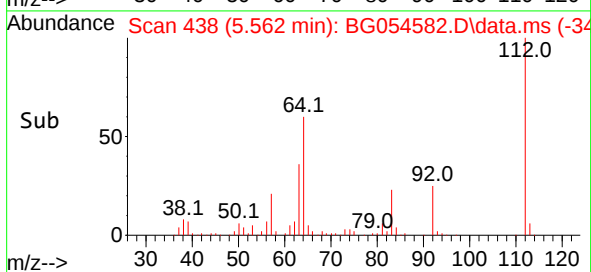
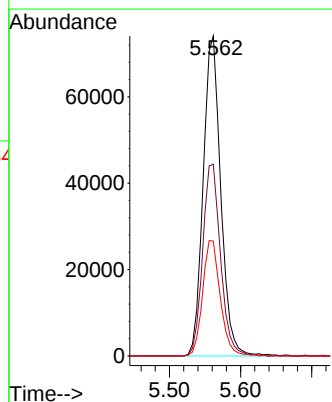
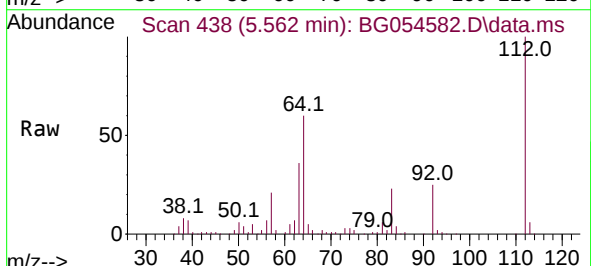


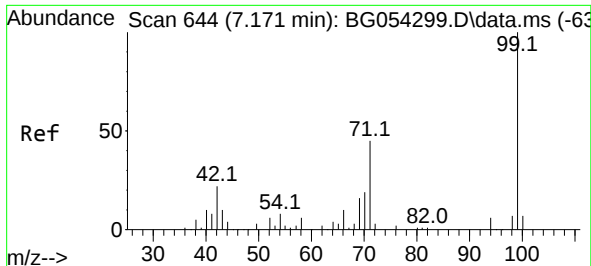
Tgt Ion:152 Resp: 17505
Ion Ratio Lower Upper
152 100
150 146.2 131.6 197.4
115 51.3 50.9 76.3



#5
2-Fluorophenol
Concen: 152.396 ng
RT: 5.562 min Scan# 438
Delta R.T. -0.002 min
Lab File: BG054582.D
Acq: 10 Aug 2022 10:33

Tgt Ion:112 Resp: 127770
Ion Ratio Lower Upper
112 100
64 59.9 55.1 82.7
63 35.9 30.4 45.6

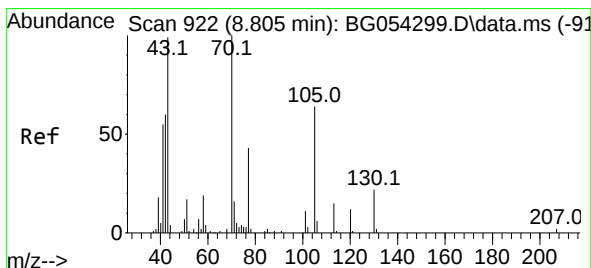
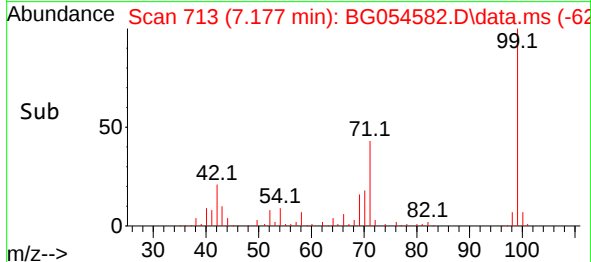
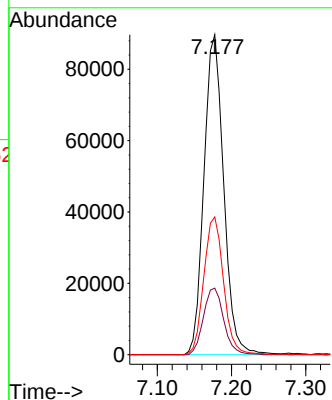
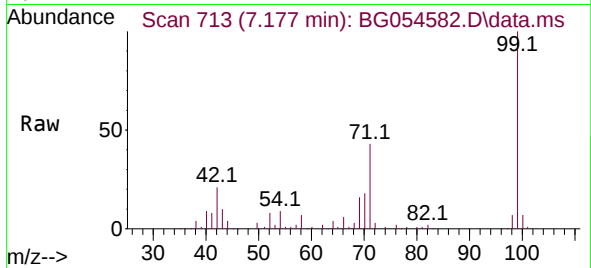




#7
Phenol-d6
Concen: 144.361 ng
RT: 7.177 min Scan# 71
Delta R.T. -0.002 min
Lab File: BG054582.D
Acq: 10 Aug 2022 10:33

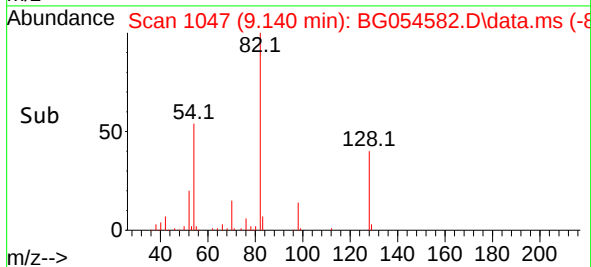
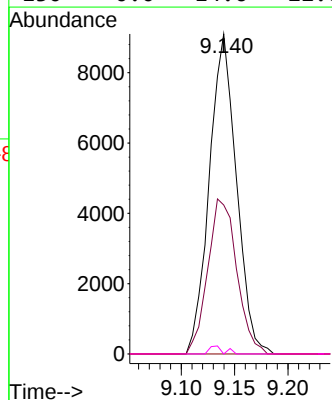
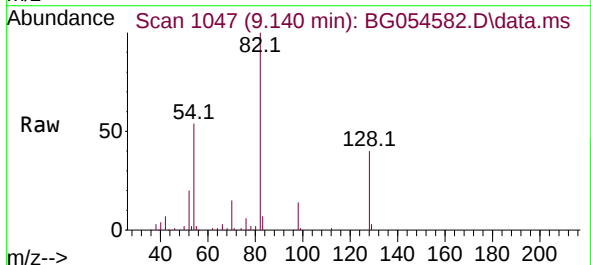
Instrument :
BNA_G
ClientSampleId :
PB146816BL

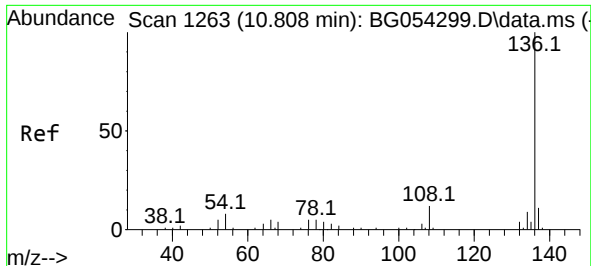
Tgt Ion: 99 Resp: 165846
Ion Ratio Lower Upper
99 100
42 20.8 17.0 25.6
71 43.0 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 20.912 ng
RT: 9.140 min Scan# 1047
Delta R.T. 0.357 min
Lab File: BG054582.D
Acq: 10 Aug 2022 10:33

Tgt Ion: 70 Resp: 16043
Ion Ratio Lower Upper
70 100
42 46.5 47.3 70.9#
101 0.0 7.0 10.4#
130 0.0 14.6 22.0#

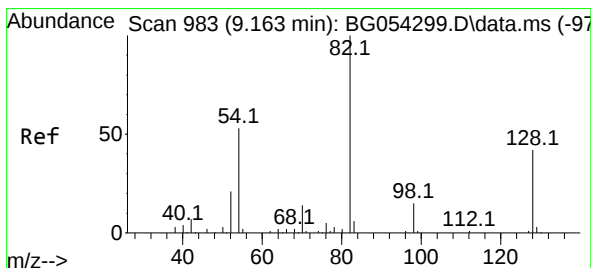
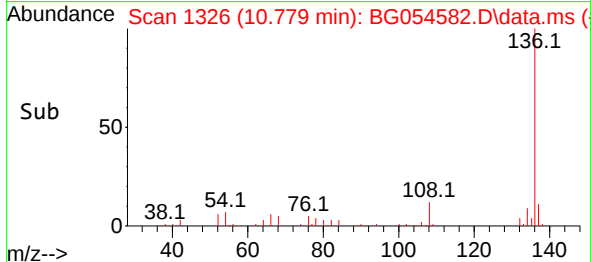
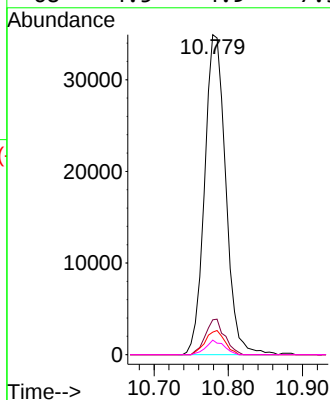
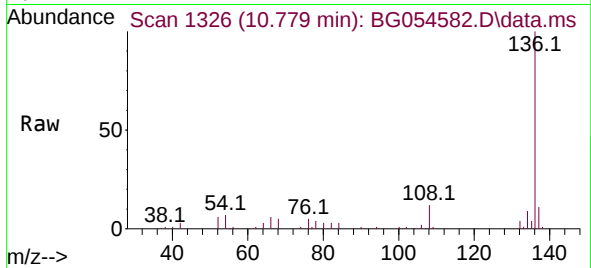




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.779 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG054582.D
Acq: 10 Aug 2022 10:33

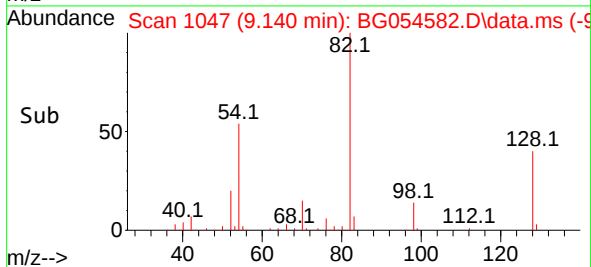
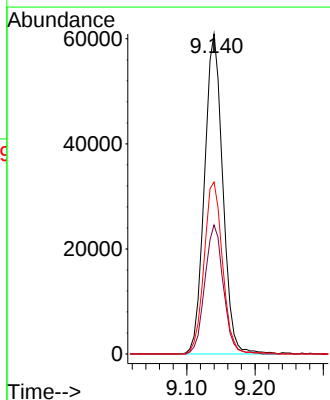
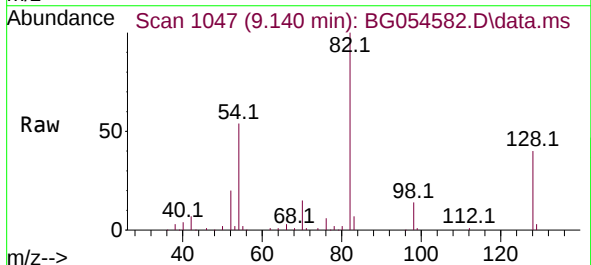
Instrument :
BNA_G
ClientSampleId :
PB146816BL

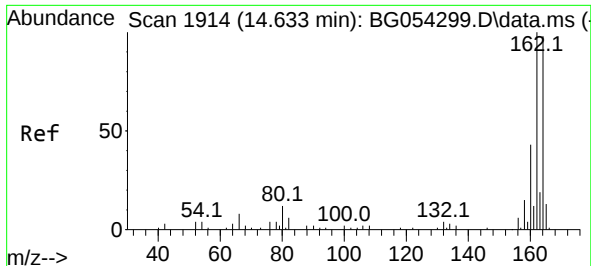
Tgt Ion:	136	Resp:	69147
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.5	12.7
54	7.1	7.4	11.2#
68	4.5	4.9	7.3#



#23
Nitrobenzene-d5
Concen: 89.411 ng
RT: 9.140 min Scan# 1047
Delta R.T. -0.002 min
Lab File: BG054582.D
Acq: 10 Aug 2022 10:33

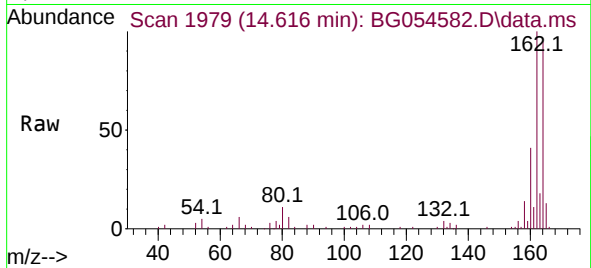
Tgt Ion:	82	Resp:	113530
Ion Ratio	Lower	Upper	
82	100		
128	40.3	27.9	41.9
54	53.8	41.2	61.8





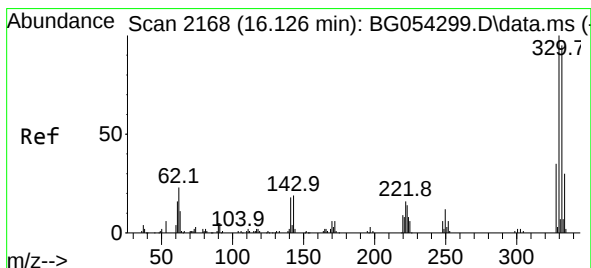
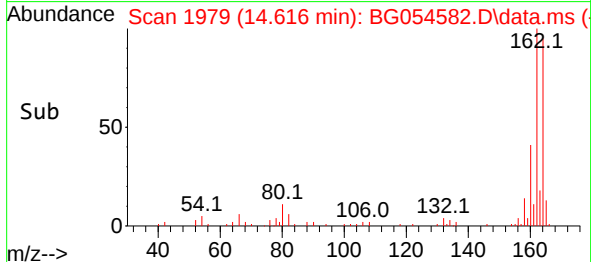
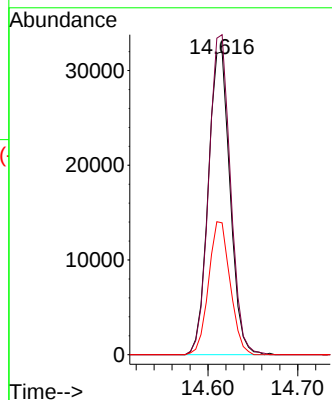
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.616 min Scan# 1914
 Delta R.T. -0.002 min
 Lab File: BG054582.D
 Acq: 10 Aug 2022 10:33

Instrument :
 BNA_G
 ClientSampleId :
 PB146816BL



Tgt Ion:164 Resp: 54166

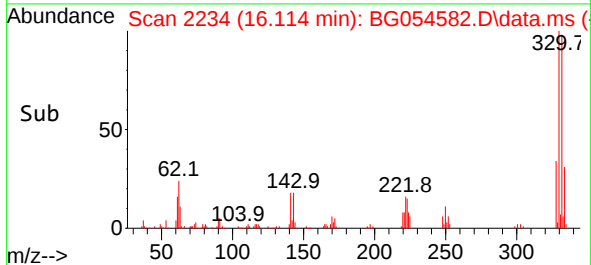
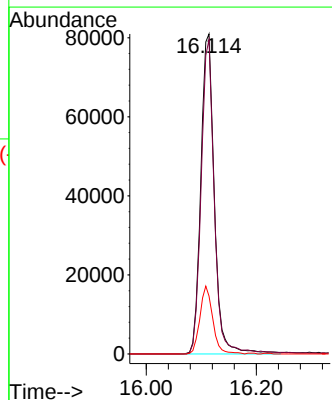
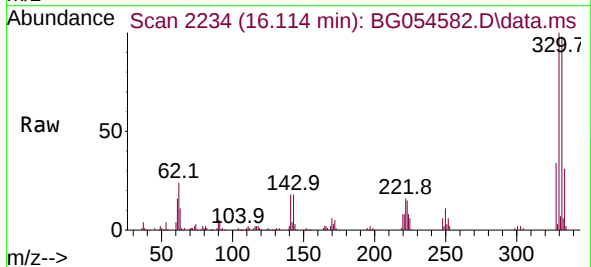
Ion	Ratio	Lower	Upper
164	100		
162	105.7	82.3	123.5
160	43.5	34.2	51.2

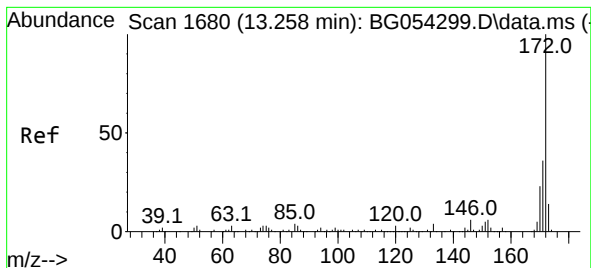


#42
 2,4,6-Tribromophenol
 Concen: 121.786 ng
 RT: 16.114 min Scan# 2234
 Delta R.T. -0.002 min
 Lab File: BG054582.D
 Acq: 10 Aug 2022 10:33

Tgt Ion:330 Resp: 138505

Ion	Ratio	Lower	Upper
330	100		
332	94.6	76.0	114.0
141	20.1	27.1	40.7

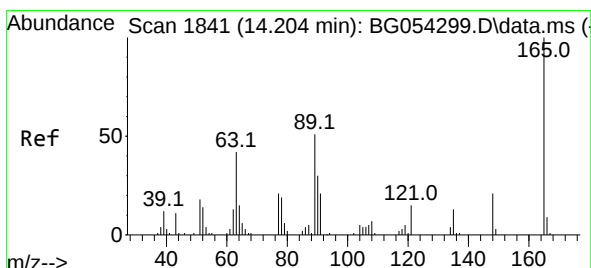
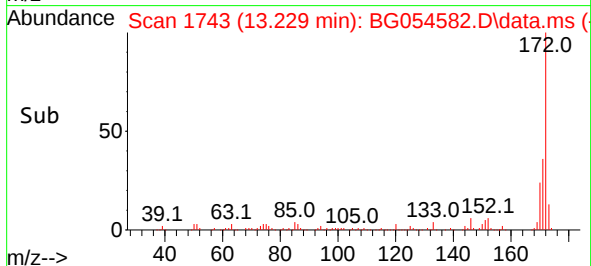
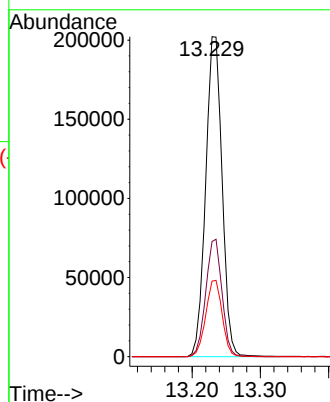
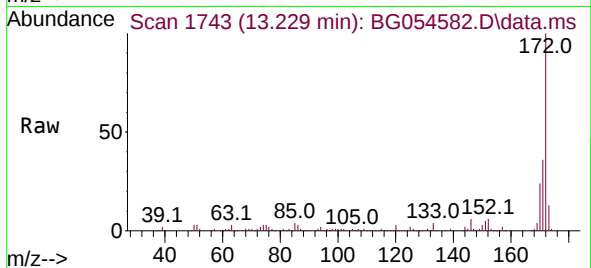




#45
2-Fluorobiphenyl
Concen: 88.259 ng
RT: 13.229 min Scan# 1
Delta R.T. -0.008 min
Lab File: BG054582.D
Acq: 10 Aug 2022 10:33

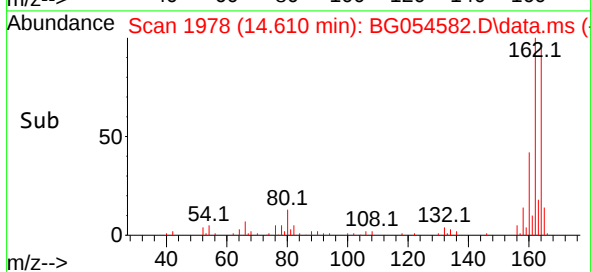
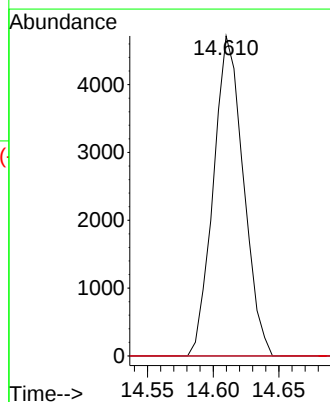
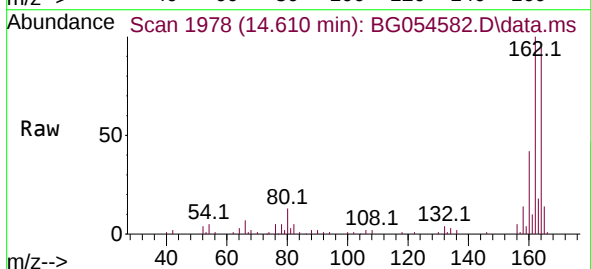
Instrument :
BNA_G
ClientSampleId :
PB146816BL

Tgt Ion:172 Resp: 338884
Ion Ratio Lower Upper
172 100
171 36.0 28.5 42.7
170 23.6 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.084 ng
RT: 14.610 min Scan# 1978
Delta R.T. 0.415 min
Lab File: BG054582.D
Acq: 10 Aug 2022 10:33

Tgt Ion:165 Resp: 7502
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#

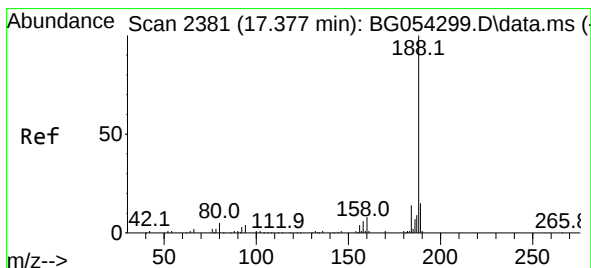
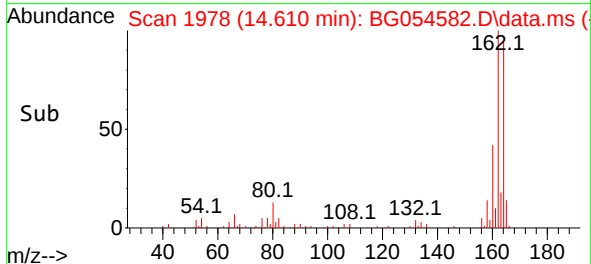
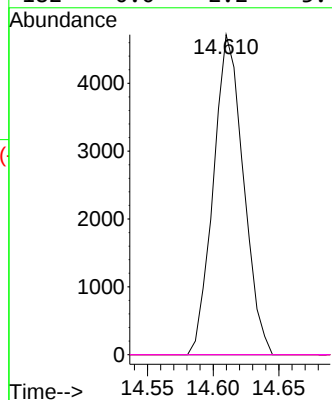
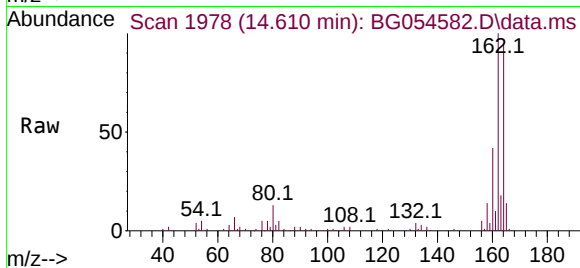




#57
2,4-Dinitrotoluene
Concen: 5.639 ng
RT: 14.610 min Scan# 14
Delta R.T. -0.384 min
Lab File: BG054582.D
Acq: 10 Aug 2022 10:33

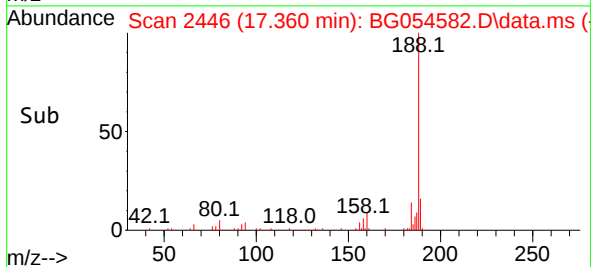
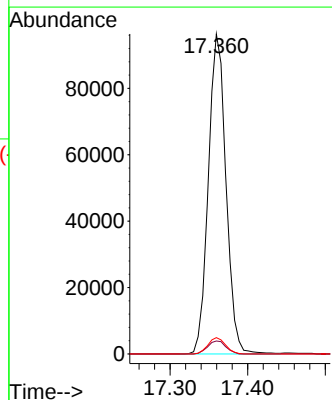
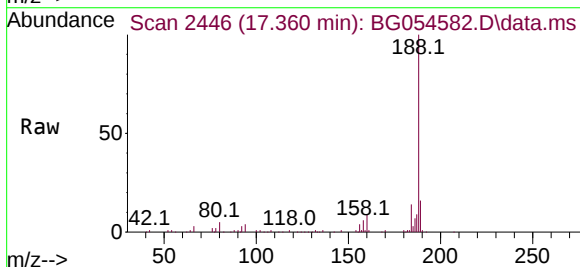
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BNA_G
ClientSampleId :
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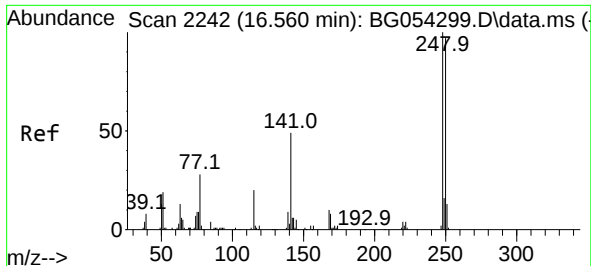
Tgt Ion:165	Resp:	7502
Ion	Ratio	Lower Upper
165	100	
63	0.0	34.6 52.0#
89	0.0	60.3 90.5#
182	0.0	2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.360 min Scan# 2446
Delta R.T. -0.002 min
Lab File: BG054582.D
Acq: 10 Aug 2022 10:33

Tgt Ion:188	Resp:	152411
Ion	Ratio	Lower Upper
188	100	
94	4.1	5.4 8.0#
80	5.1	6.8 10.2#

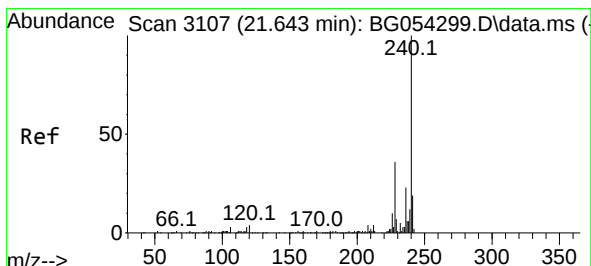
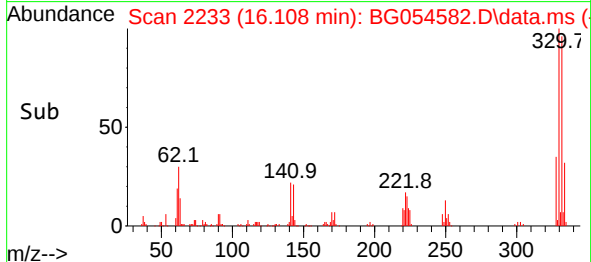
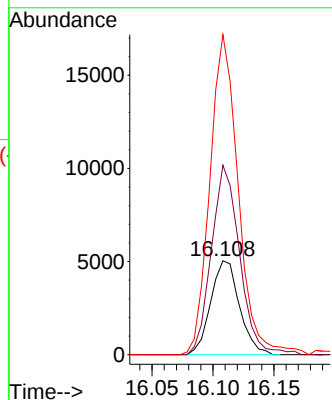
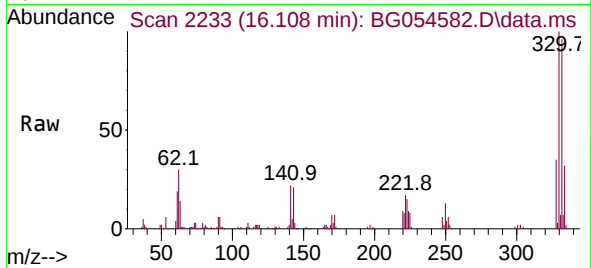




#67
4-Bromophenyl-phenylether
Concen: 3.867 ng
RT: 16.108 min Scan# 21
Delta R.T. -0.436 min
Lab File: BG054582.D
Acq: 10 Aug 2022 10:33

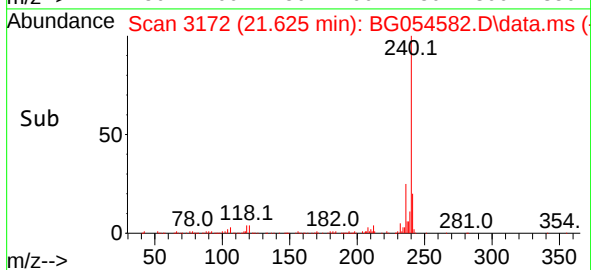
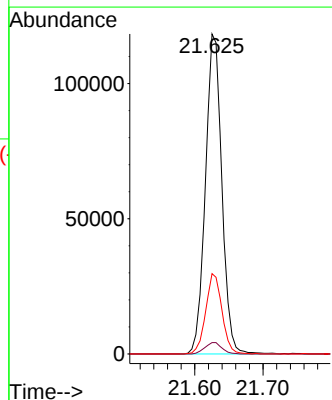
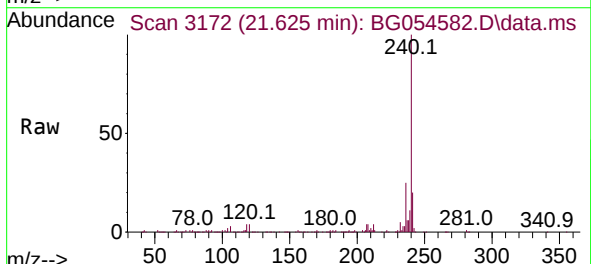
Instrument :
BNA_G
ClientSampleId :
PB146816BL

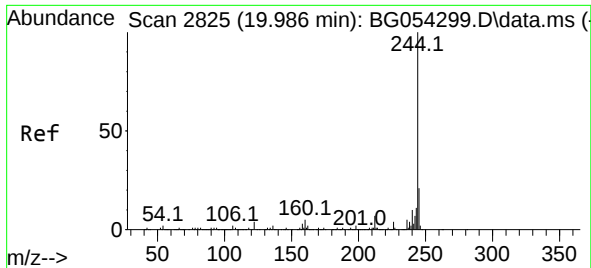
Tgt Ion:248 Resp: 8277
Ion Ratio Lower Upper
248 100
250 263.9 75.2 112.8#
141 340.7 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.625 min Scan# 3172
Delta R.T. -0.008 min
Lab File: BG054582.D
Acq: 10 Aug 2022 10:33

Tgt Ion:240 Resp: 197840
Ion Ratio Lower Upper
240 100
120 3.5 4.6 7.0#
236 25.1 20.2 30.4

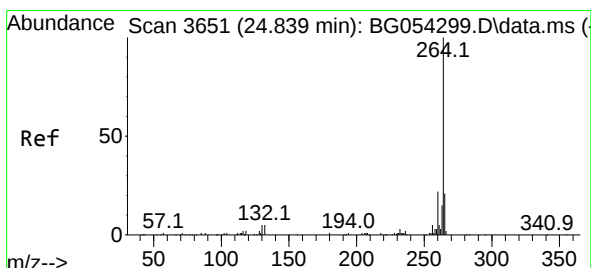
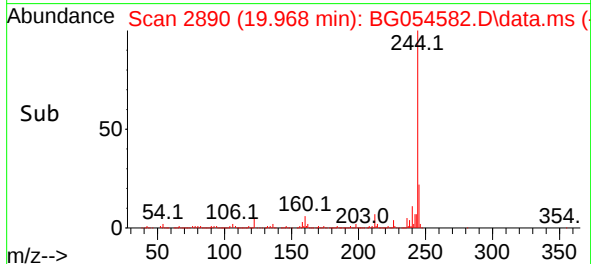
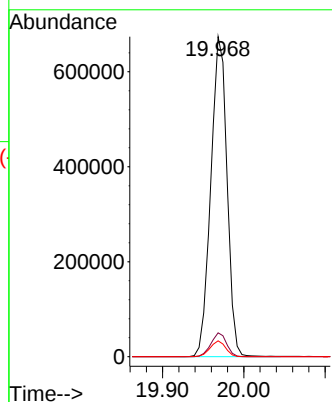
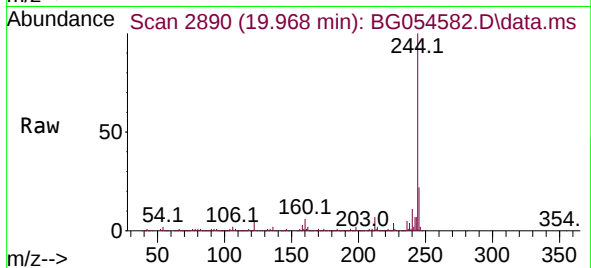




#79
 Terphenyl-d14
 Concen: 93.457 ng
 RT: 19.968 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG054582.D
 Acq: 10 Aug 2022 10:33

Instrument :
 BNA_G
 ClientSampleId :
 PB146816BL

Tgt Ion:244 Resp: 932024
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.5 9.7
 122 4.9 5.0 7.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.827 min Scan# 3717
 Delta R.T. -0.008 min
 Lab File: BG054582.D
 Acq: 10 Aug 2022 10:33

Tgt Ion:264 Resp: 199728
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.0 28.6
 265 21.7 17.4 26.2

