

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050222\
 Data File : BG053400.D
 Acq On : 2 May 2022 15:41
 Operator : CG/JU
 Sample : N2637-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DS-5

Quant Time: May 02 16:48:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Apr 24 01:13:30 2022
 Response via : Initial Calibration

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

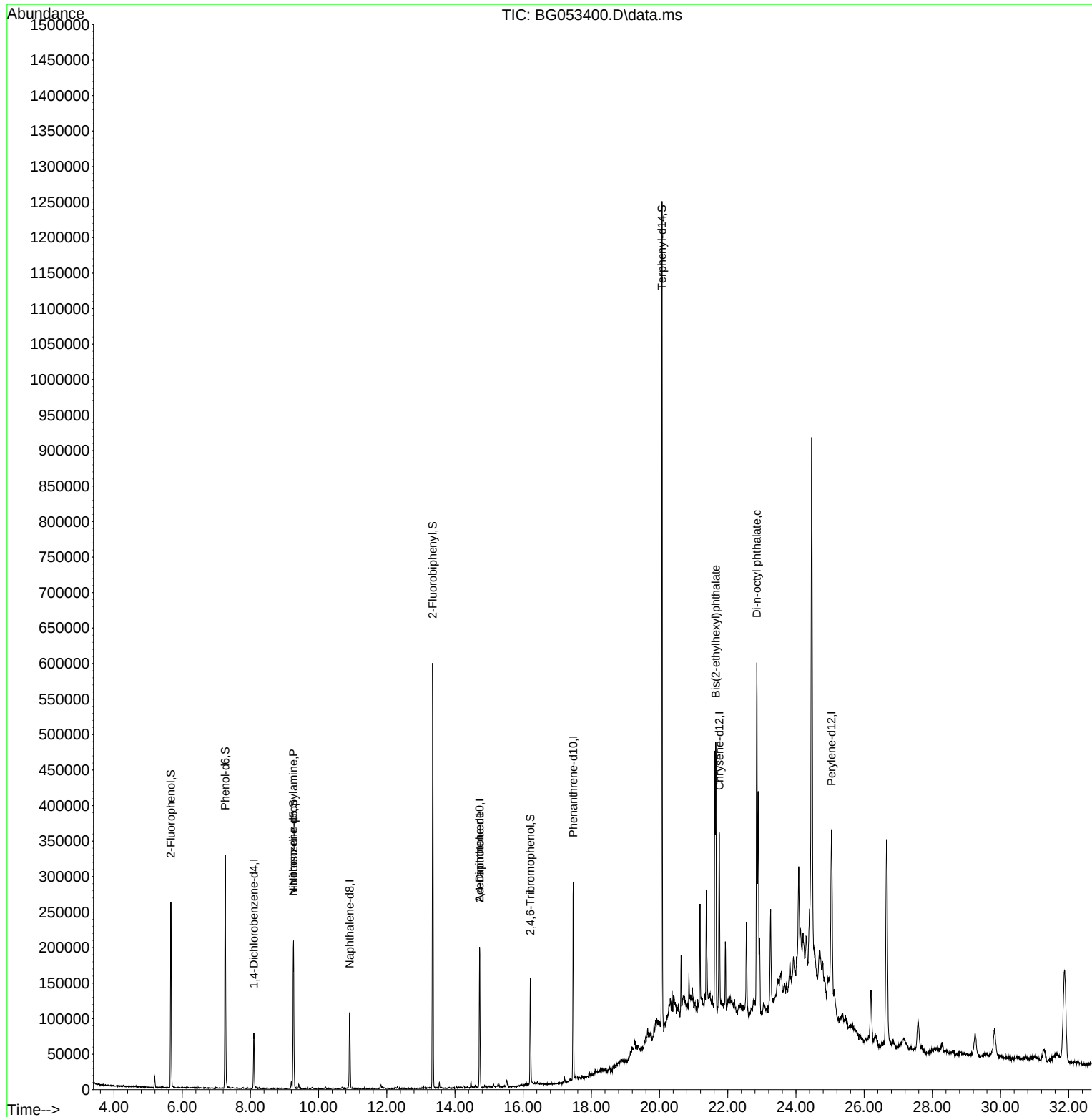
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.101	152	22175	20.000	ng	-0.01
21) Naphthalene-d8	10.915	136	91642	20.000	ng	0.00
39) Acenaphthene-d10	14.722	164	69986	20.000	ng	-0.01
64) Phenanthrene-d10	17.471	188	175537	20.000	ng	-0.01
76) Chrysene-d12	21.754	240	154955	20.000	ng	-0.01
86) Perylene-d12	25.043	264	161643	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.669	112	107614	83.188	ng	0.00
7) Phenol-d6	7.261	99	187093	93.786	ng	-0.01
23) Nitrobenzene-d5	9.265	82	134237	59.476	ng	-0.01
42) 2,4,6-Tribromophenol	16.214	330	33255	29.867	ng	-0.01
45) 2-Fluorobiphenyl	13.347	172	320287	63.105	ng	-0.01
79) Terphenyl-d14	20.073	244	576262	62.809	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.265	70	19051	13.044	ng	# 78
57) 2,4-Dinitrotoluene	14.722	165	9859	5.930	ng	# 24
84) Bis(2-ethylhexyl)phtha...	21.648	149	400688	72.048	ng	# 58
85) Di-n-octyl phthalate	22.852	149	449051	48.279	ng	# 94

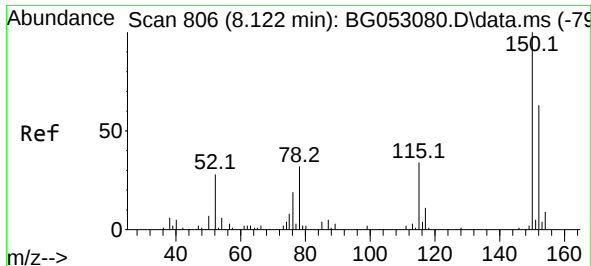
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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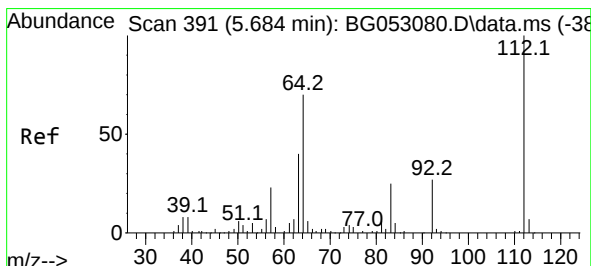
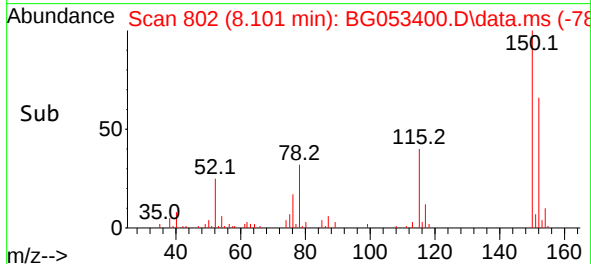
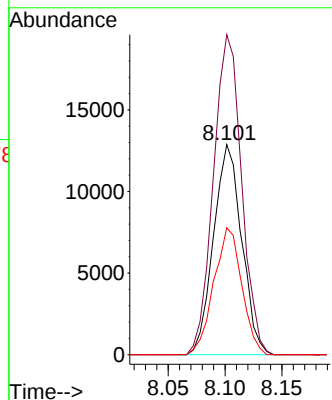
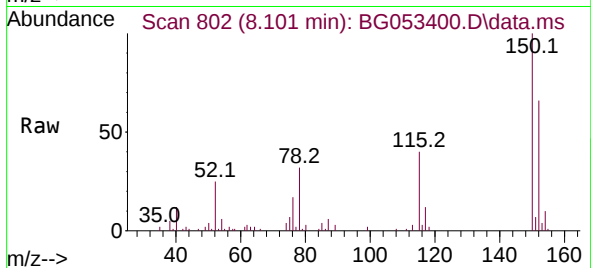




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.101 min Scan# 806
Delta R.T. -0.012 min
Lab File: BG053400.D
Acq: 2 May 2022 15:41

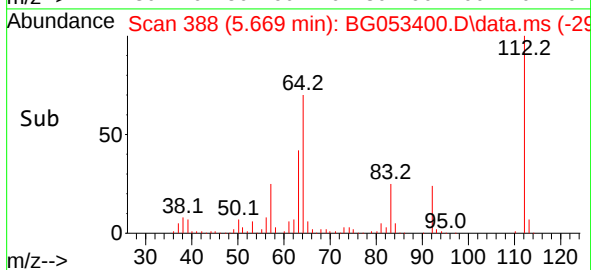
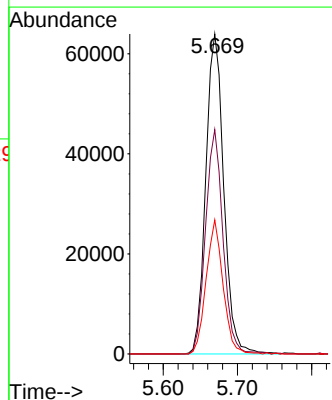
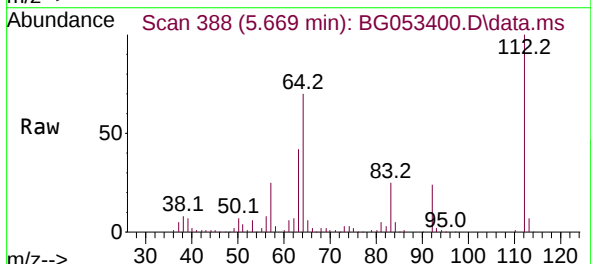
Instrument :
BNA_G
ClientSampleId :
DS-5

Tgt Ion:152 Resp: 22175
Ion Ratio Lower Upper
152 100
150 152.3 114.6 172.0
115 60.5 45.9 68.9



#5
2-Fluorophenol
Concen: 83.188 ng
RT: 5.669 min Scan# 388
Delta R.T. -0.006 min
Lab File: BG053400.D
Acq: 2 May 2022 15:41

Tgt Ion:112 Resp: 107614
Ion Ratio Lower Upper
112 100
64 70.1 48.0 72.0
63 41.9 26.5 39.7#

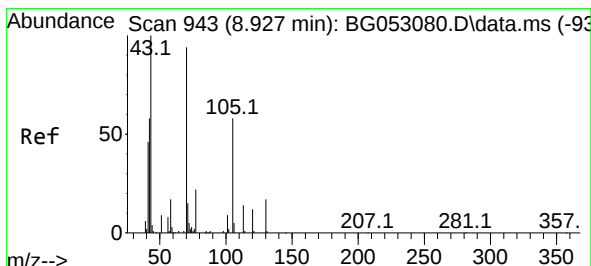
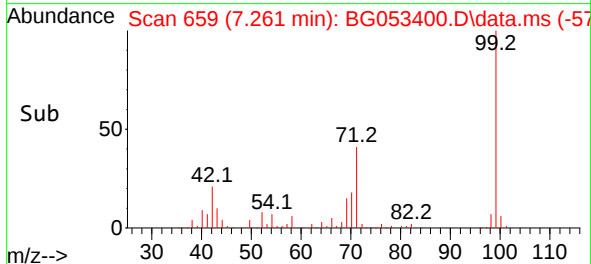
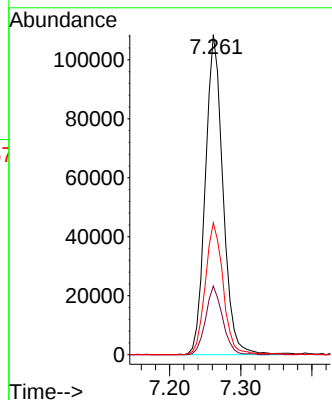
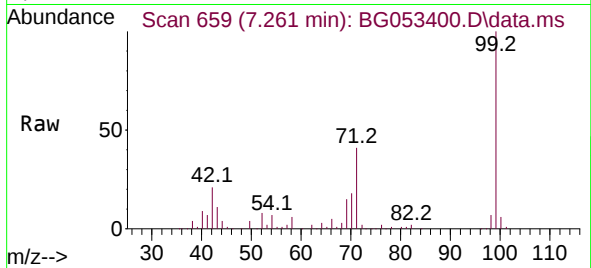




#7
Phenol-d6
Concen: 93.786 ng
RT: 7.261 min Scan# 61
Delta R.T. -0.012 min
Lab File: BG053400.D
Acq: 2 May 2022 15:41

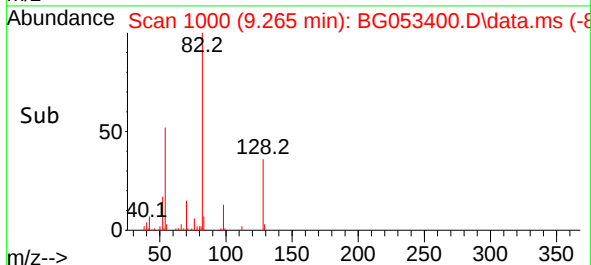
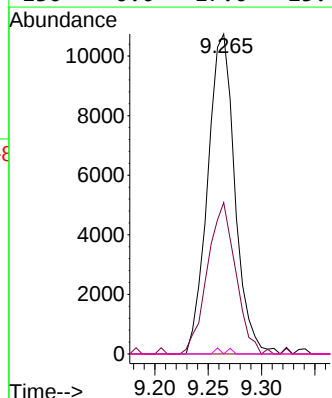
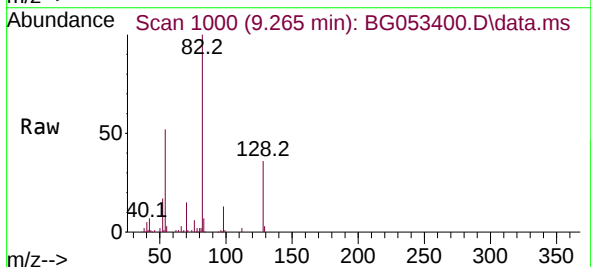
Instrument :
BNA_G
ClientSampleId :
DS-5

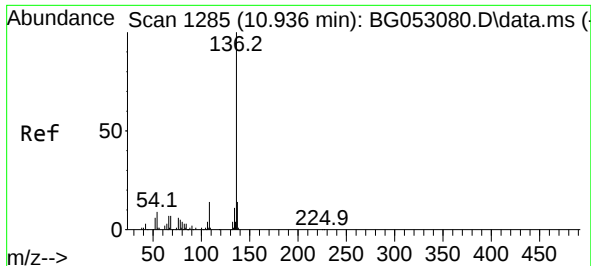
Tgt Ion: 99 Resp: 187093
Ion Ratio Lower Upper
99 100
42 21.5 14.7 22.1
71 41.2 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 13.044 ng
RT: 9.265 min Scan# 1000
Delta R.T. 0.352 min
Lab File: BG053400.D
Acq: 2 May 2022 15:41

Tgt Ion: 70 Resp: 19051
Ion Ratio Lower Upper
70 100
42 47.3 46.0 69.0
101 0.0 6.2 9.4#
130 0.0 17.0 25.4#

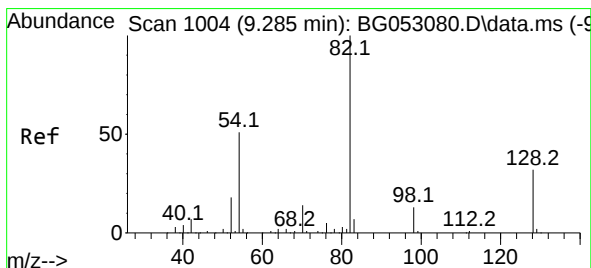
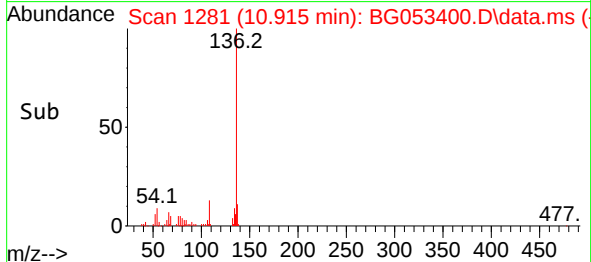
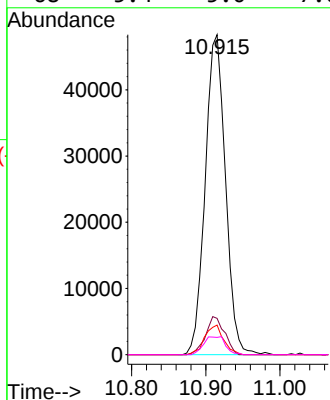
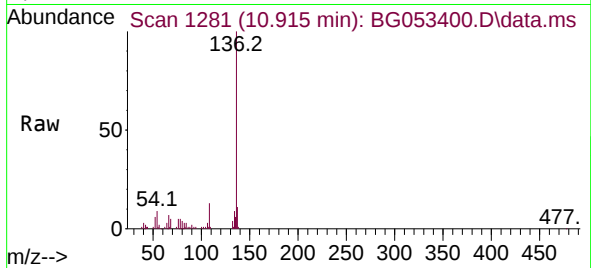




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.915 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG053400.D
Acq: 2 May 2022 15:41

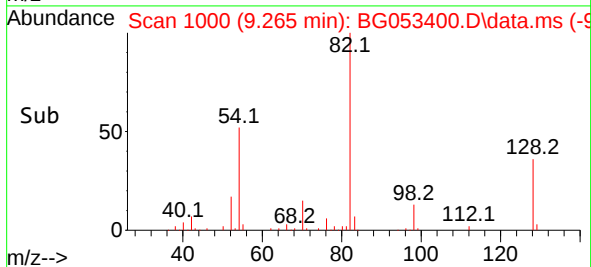
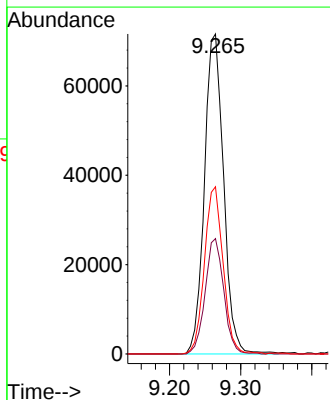
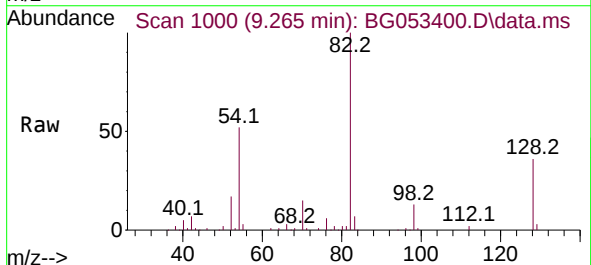
Instrument :
BNA_G
ClientSampleId :
DS-5

Tgt Ion:	136	Resp:	91642
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.4	14.2
54	9.3	6.4	9.6
68	5.4	5.0	7.6



#23
Nitrobenzene-d5
Concen: 59.476 ng
RT: 9.265 min Scan# 1000
Delta R.T. -0.012 min
Lab File: BG053400.D
Acq: 2 May 2022 15:41

Tgt Ion:	82	Resp:	134237
Ion Ratio	Lower	Upper	
82	100		
128	36.1	31.3	46.9
54	52.3	37.8	56.8

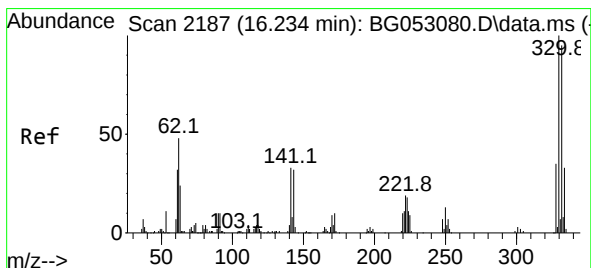
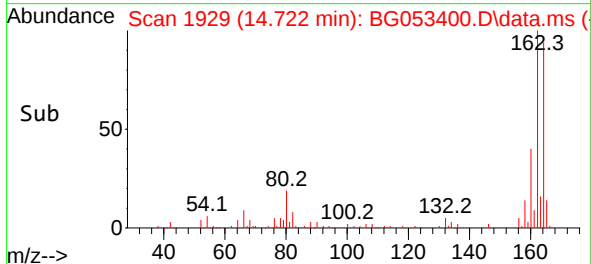
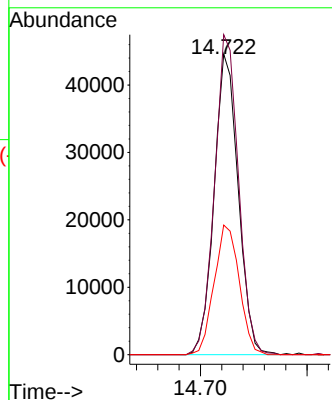
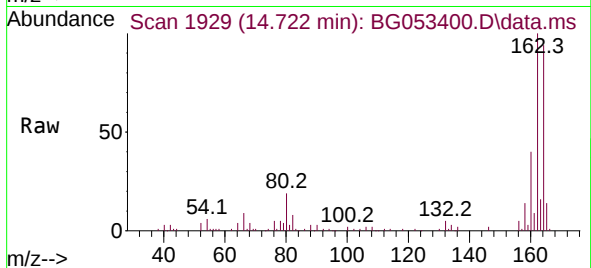




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.722 min Scan# 1934
Delta R.T. -0.012 min
Lab File: BG053400.D
Acq: 2 May 2022 15:41

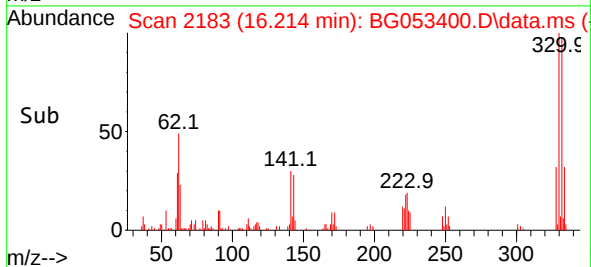
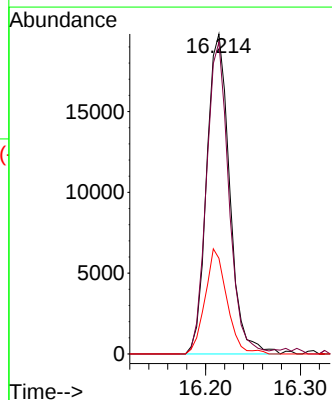
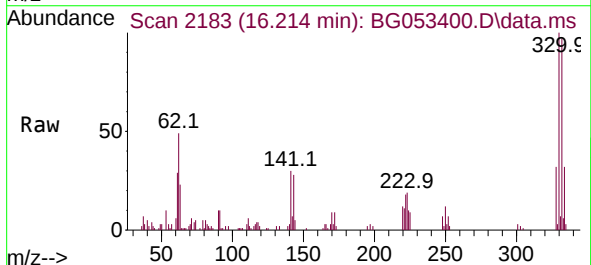
Instrument :
BNA_G
ClientSampleId :
DS-5

Tgt Ion:164 Resp: 69986
Ion Ratio Lower Upper
164 100
162 106.5 80.0 120.0
160 43.1 38.8 58.2



#42
2,4,6-Tribromophenol
Concen: 29.867 ng
RT: 16.214 min Scan# 2183
Delta R.T. -0.012 min
Lab File: BG053400.D
Acq: 2 May 2022 15:41

Tgt Ion:330 Resp: 33255
Ion Ratio Lower Upper
330 100
332 95.1 75.8 113.6
141 31.3 24.6 36.8

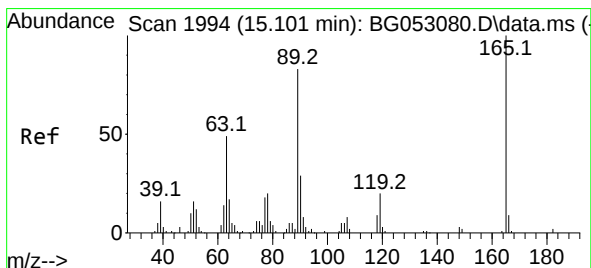
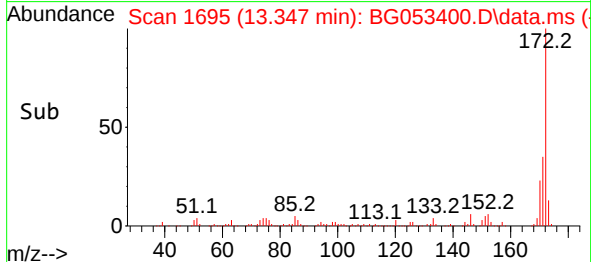
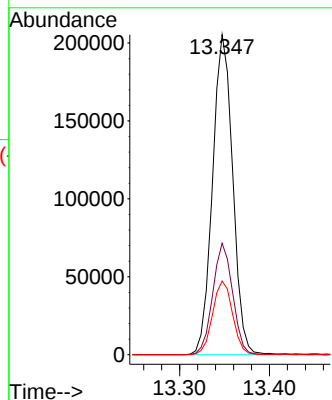
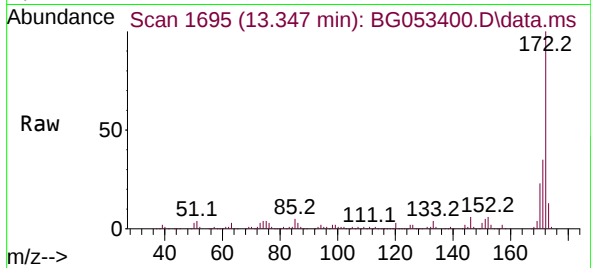




#45
2-Fluorobiphenyl
Concen: 63.105 ng
RT: 13.347 min Scan# 1
Delta R.T. -0.012 min
Lab File: BG053400.D
Acq: 2 May 2022 15:41

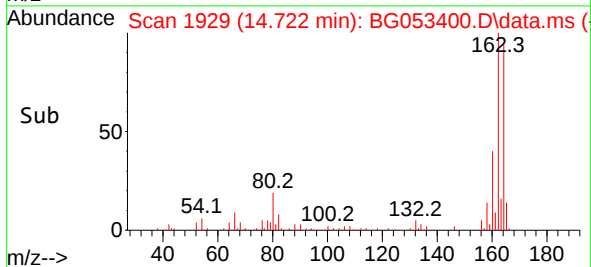
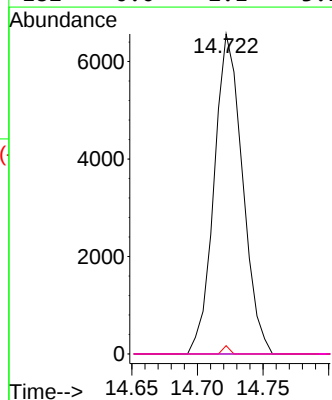
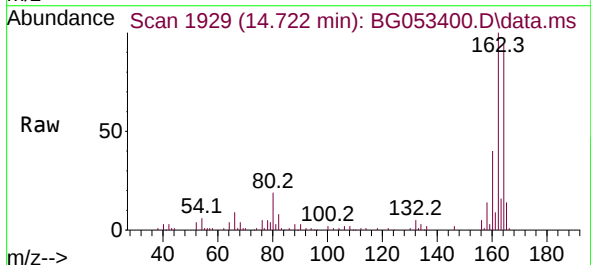
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BNA_G
ClientSampleId :
DS-5

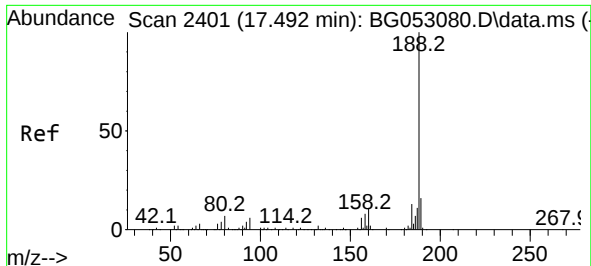
Tgt Ion:172 Resp: 320287
Ion Ratio Lower Upper
172 100
171 34.9 28.3 42.5
170 23.0 18.0 27.0



#57
2,4-Dinitrotoluene
Concen: 5.930 ng
RT: 14.722 min Scan# 1929
Delta R.T. -0.370 min
Lab File: BG053400.D
Acq: 2 May 2022 15:41

Tgt Ion:165 Resp: 9859
Ion Ratio Lower Upper
165 100
63 0.0 34.8 52.2#
89 2.6 57.4 86.0#
182 0.0 2.1 3.1#

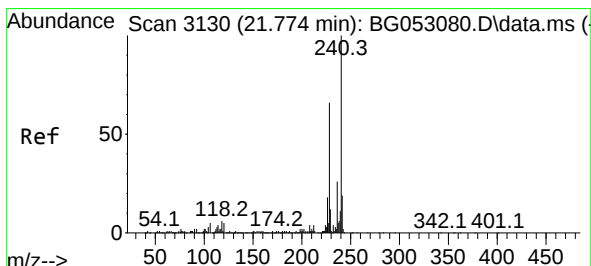
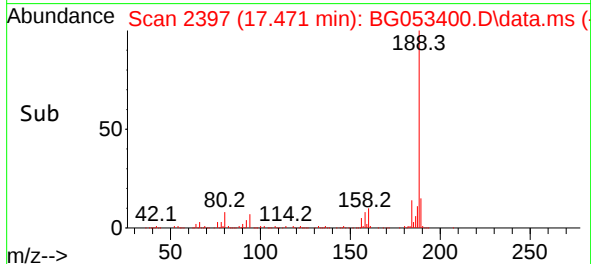
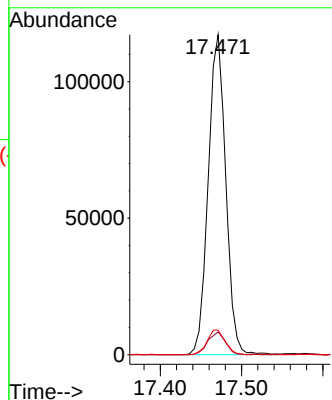
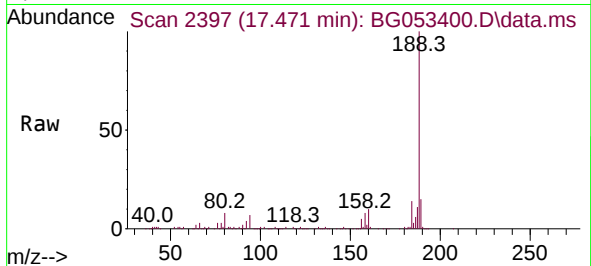




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.471 min Scan# 21
Delta R.T. -0.012 min
Lab File: BG053400.D
Acq: 2 May 2022 15:41

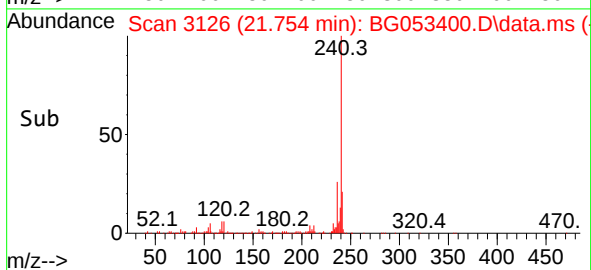
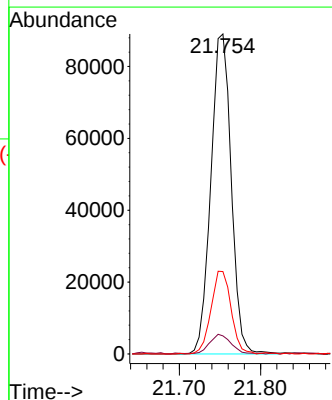
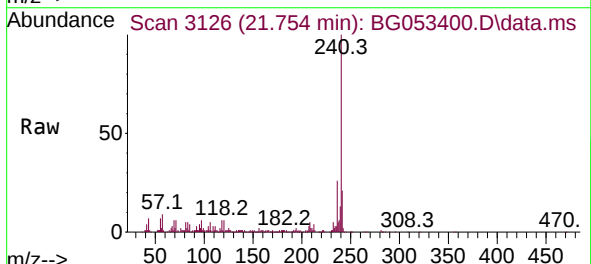
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BNA_G
ClientSampleId :
DS-5

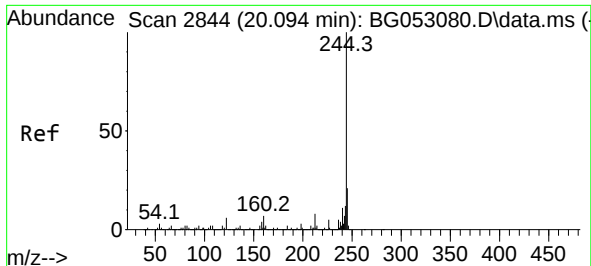
Tgt Ion:188 Resp: 175537
Ion Ratio Lower Upper
188 100
94 7.1 5.7 8.5
80 7.7 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.754 min Scan# 3126
Delta R.T. -0.012 min
Lab File: BG053400.D
Acq: 2 May 2022 15:41

Tgt Ion:240 Resp: 154955
Ion Ratio Lower Upper
240 100
120 5.6 5.4 8.0
236 25.7 19.8 29.6

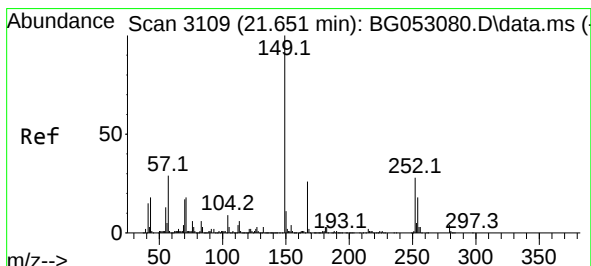
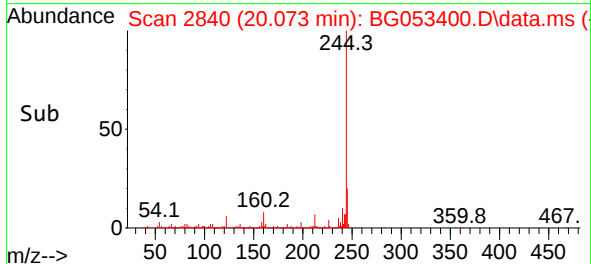
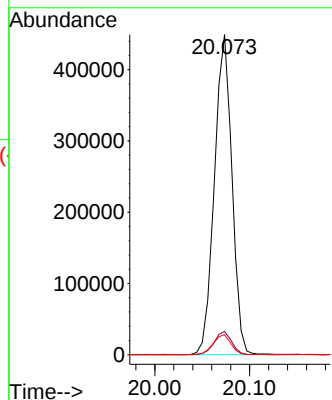
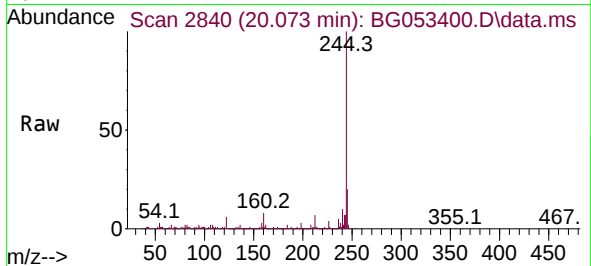




#79
 Terphenyl-d14
 Concen: 62.809 ng
 RT: 20.073 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BG053400.D
 Acq: 2 May 2022 15:41

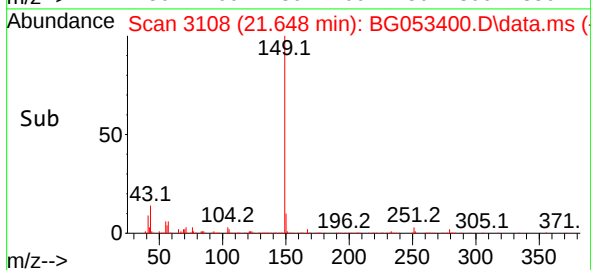
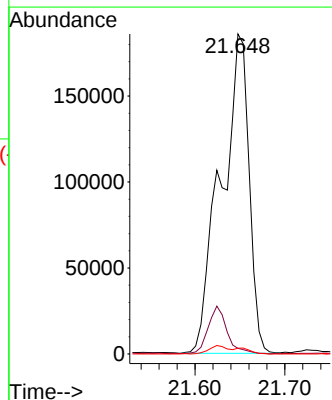
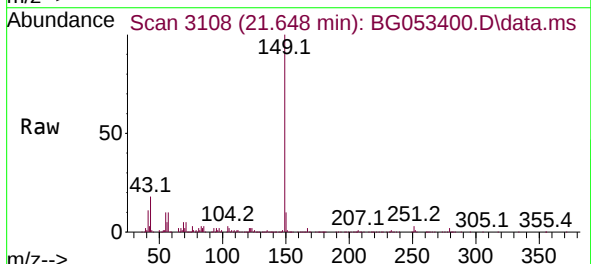
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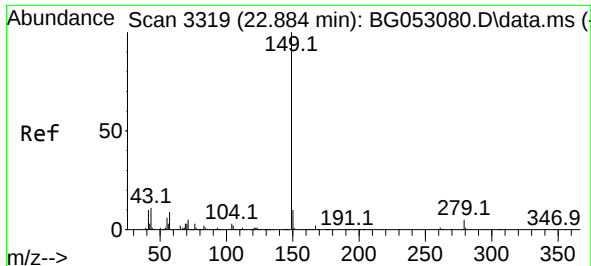
Tgt Ion:244 Resp: 576262
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.2
 122 6.3 5.8 8.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 72.048 ng
 RT: 21.648 min Scan# 3108
 Delta R.T. 0.011 min
 Lab File: BG053400.D
 Acq: 2 May 2022 15:41

Tgt Ion:149 Resp: 400688
 Ion Ratio Lower Upper
 149 100
 167 1.8 21.4 32.2#
 279 1.8 3.8 5.8#

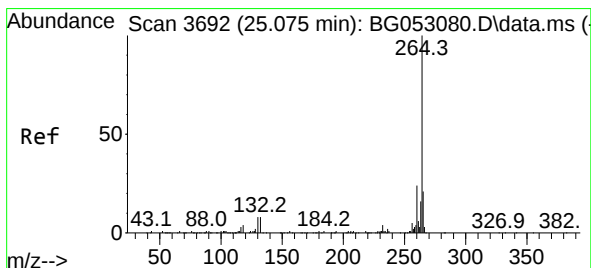
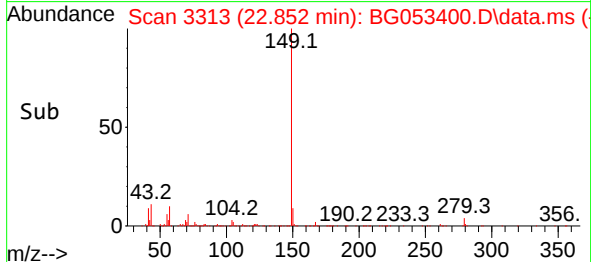
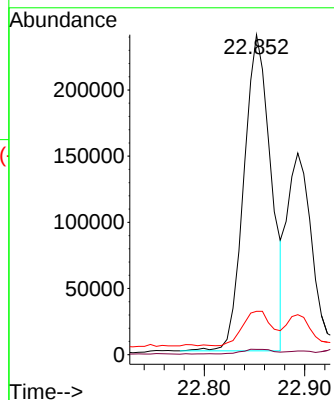
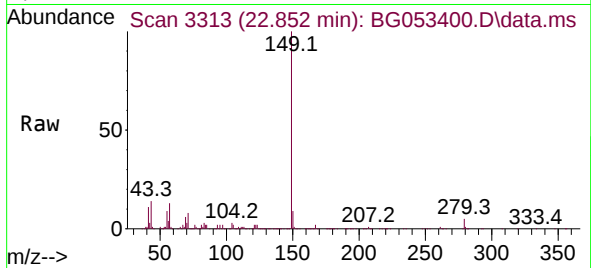




#85
Di-n-octyl phthalate
Concen: 48.279 ng
RT: 22.852 min Scan# 31
Delta R.T. -0.018 min
Lab File: BG053400.D
Acq: 2 May 2022 15:41

Instrument :
BNA_G
ClientSampleId :
DS-5

Tgt Ion:149 Resp: 449051
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 12.1 7.6 11.4#



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.043 min Scan# 3686
Delta R.T. -0.018 min
Lab File: BG053400.D
Acq: 2 May 2022 15:41

Tgt Ion:264 Resp: 161643
Ion Ratio Lower Upper
264 100
260 22.0 18.2 27.2
265 20.2 15.1 22.7

