

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062921\
 Data File : BG049134.D
 Acq On : 29 Jun 2021 14:00
 Operator : CG/JU
 Sample : M2886-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20426

Quant Time: Jun 29 15:07:09 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 24 11:02:36 2021
 Response via : Initial Calibration

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

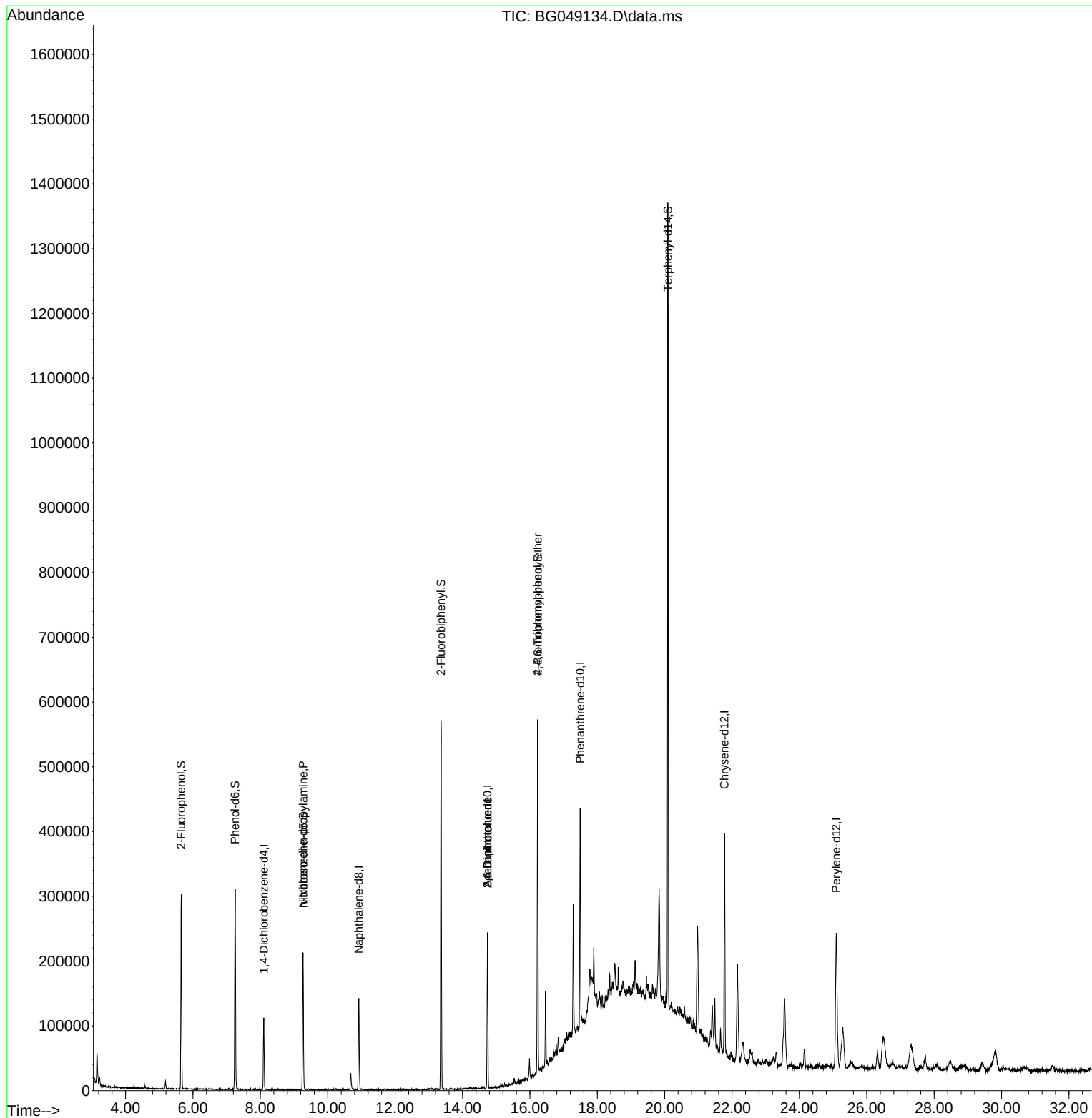
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.103	152	28900	20.000	ng	0.00
21) Naphthalene-d8	10.924	136	113617	20.000	ng	# 0.00
39) Acenaphthene-d10	14.743	164	89769	20.000	ng	0.00
64) Phenanthrene-d10	17.492	188	200887	20.000	ng	# 0.00
76) Chrysene-d12	21.776	240	220865	20.000	ng	-0.01
86) Perylene-d12	25.089	264	243350	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.653	112	119466	64.350	ng	0.00
7) Phenol-d6	7.251	99	161136	57.909	ng	0.00
23) Nitrobenzene-d5	9.267	82	122140	46.355	ng	0.00
42) 2,4,6-Tribromophenol	16.229	330	106001	79.701	ng	0.00
45) 2-Fluorobiphenyl	13.362	172	296653	46.683	ng	0.00
79) Terphenyl-d14	20.095	244	569796	47.247	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.267	70	17903	8.231	ng	# 74
51) 2,6-Dinitrotoluene	14.743	165	11958	8.397	ng	# 12
57) 2,4-Dinitrotoluene	14.743	165	11958	6.836	ng	# 17
67) 4-Bromophenyl-phenylether	16.229	248	6178	2.463	ng	# 1

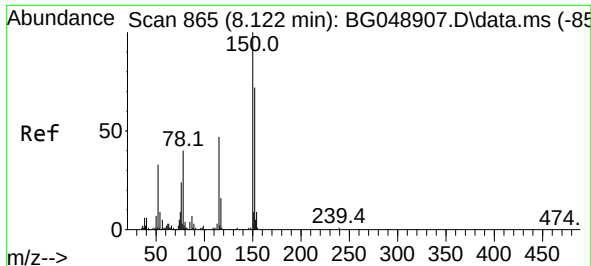
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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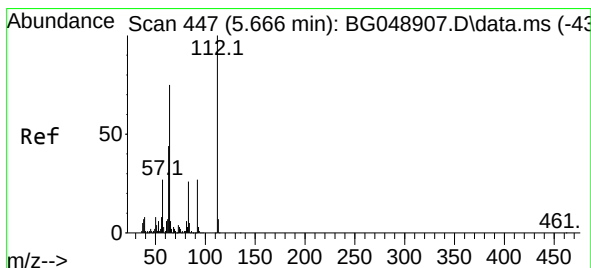
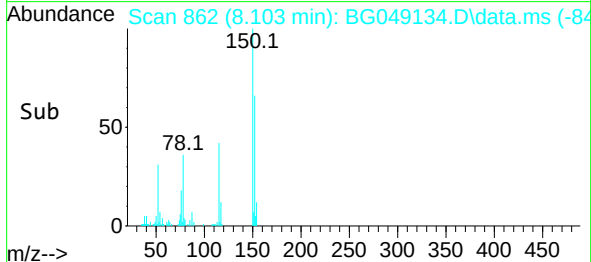
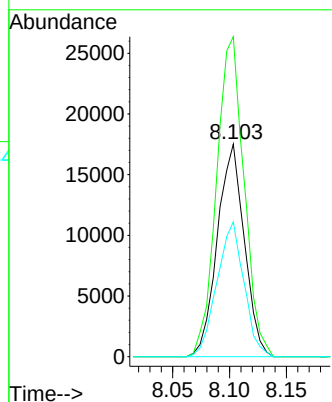
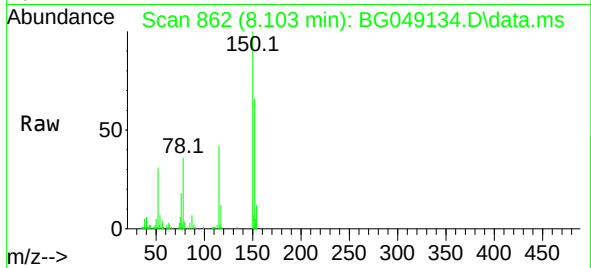




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.103 min Scan# 862
Delta R.T. -0.002 min
Lab File: BG049134.D
Acq: 29 Jun 2021 14:00

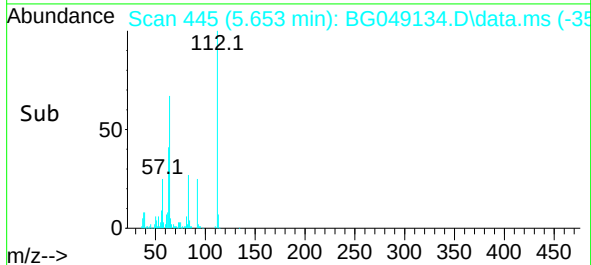
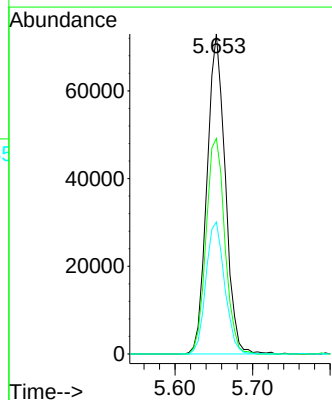
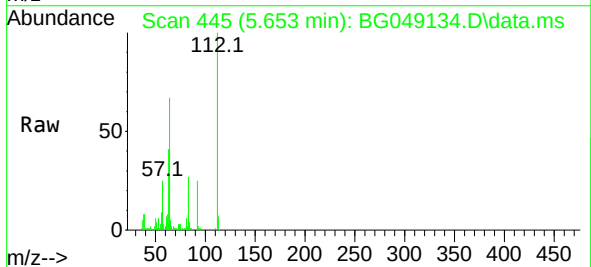
Instrument :
BNA_G
ClientSampled :
20426

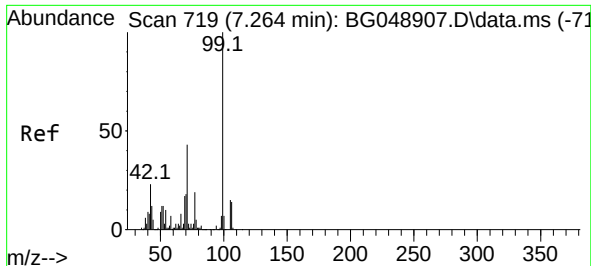
Tgt Ion:152 Resp: 28900
Ion Ratio Lower Upper
152 100
150 150.5 119.4 179.0
115 63.5 60.2 90.4



#5
2-Fluorophenol
Concen: 64.350 ng
RT: 5.653 min Scan# 445
Delta R.T. -0.002 min
Lab File: BG049134.D
Acq: 29 Jun 2021 14:00

Tgt Ion:112 Resp: 119466
Ion Ratio Lower Upper
112 100
64 67.4 46.7 70.1
63 41.3 35.3 52.9

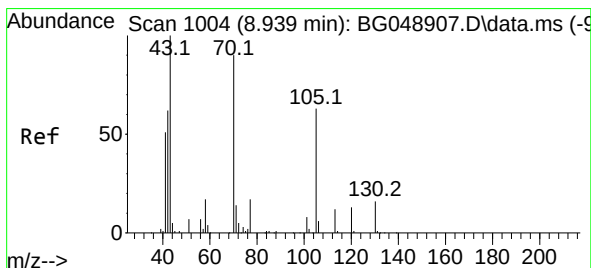
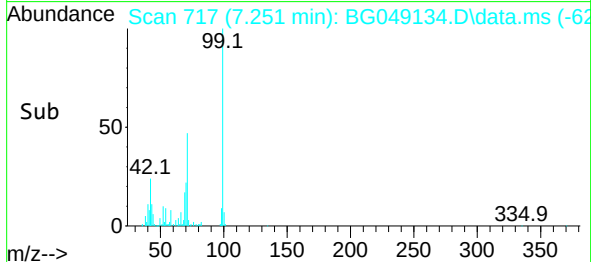
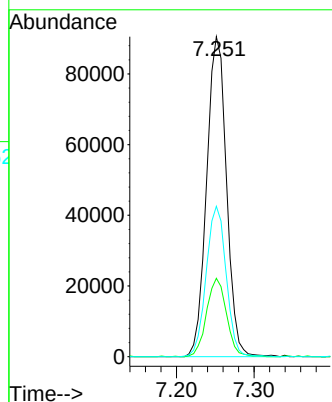
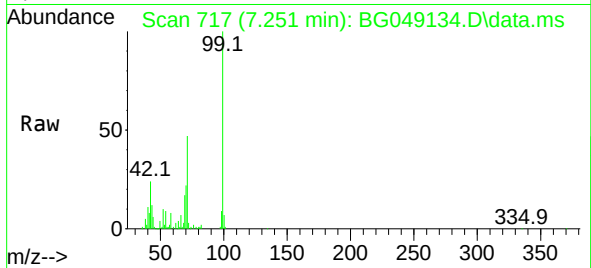




#7
Phenol-d6
Concen: 57.909 ng
RT: 7.251 min Scan# 717
Delta R.T. -0.008 min
Lab File: BG049134.D
Acq: 29 Jun 2021 14:00

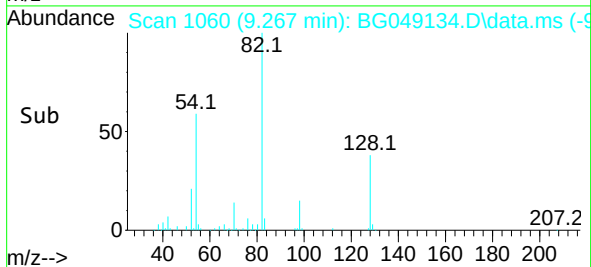
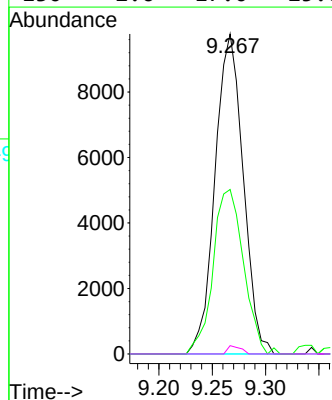
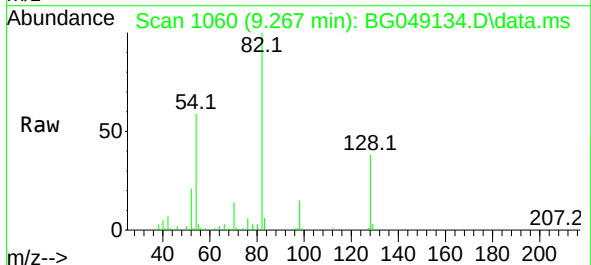
Instrument :
BNA_G
ClientSampled :
20426

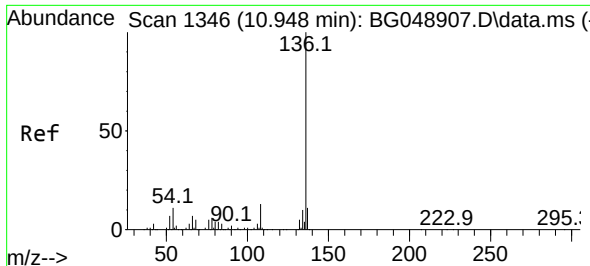
Tgt Ion:	99	Resp:	161136
Ion	Ratio	Lower	Upper
99	100		
42	24.5	20.5	30.7
71	47.0	41.5	62.3



#19
n-Nitroso-di-n-propylamine
Concen: 8.231 ng
RT: 9.267 min Scan# 1060
Delta R.T. 0.356 min
Lab File: BG049134.D
Acq: 29 Jun 2021 14:00

Tgt Ion:	70	Resp:	17903
Ion	Ratio	Lower	Upper
70	100		
42	51.4	54.5	81.7#
101	0.0	9.0	13.6#
130	2.6	17.0	25.6#

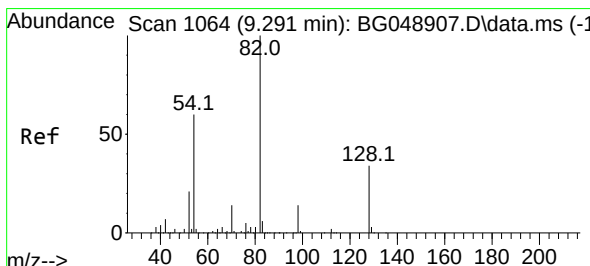
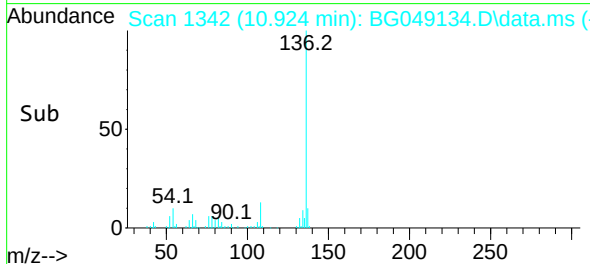
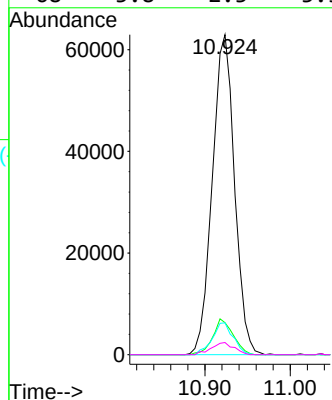
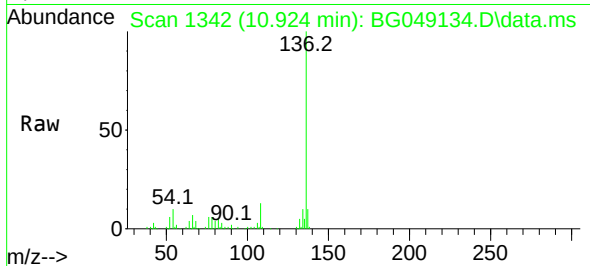




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.924 min Scan# 1342
Delta R.T. -0.002 min
Lab File: BG049134.D
Acq: 29 Jun 2021 14:00

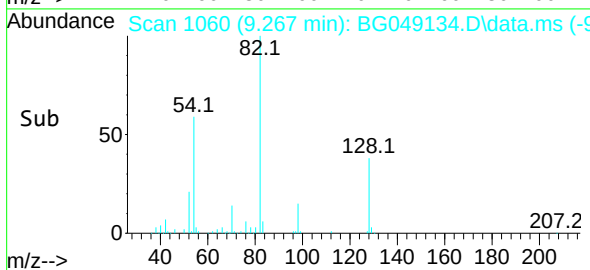
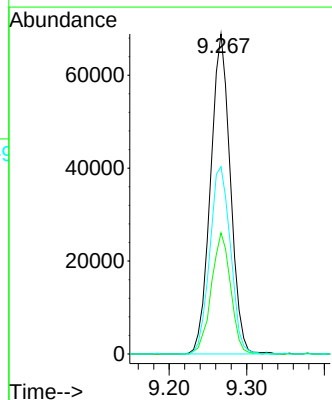
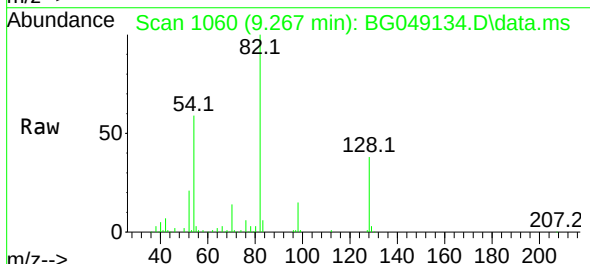
Instrument :
BNA_G
ClientSampleId :
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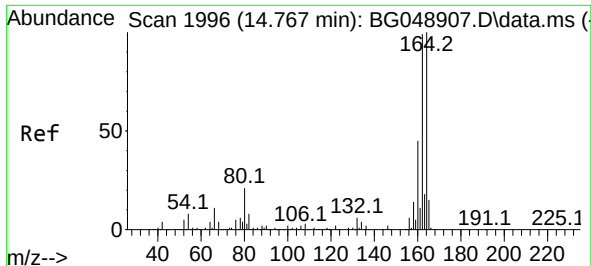
Tgt Ion:	136	Resp:	113617
Ion Ratio	Lower	Upper	
136	100		
137	10.0	8.2	12.2
54	9.9	5.5	8.3#
68	3.8	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 46.355 ng
RT: 9.267 min Scan# 1060
Delta R.T. -0.008 min
Lab File: BG049134.D
Acq: 29 Jun 2021 14:00

Tgt Ion:	82	Resp:	122140
Ion Ratio	Lower	Upper	
82	100		
128	37.9	29.8	44.6
54	58.5	45.8	68.8

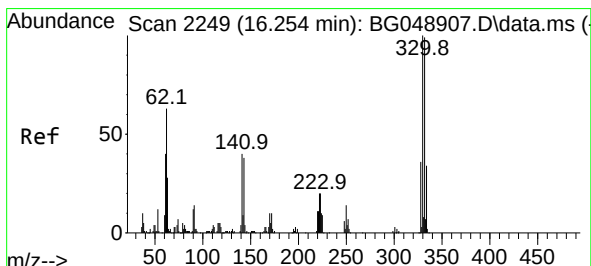
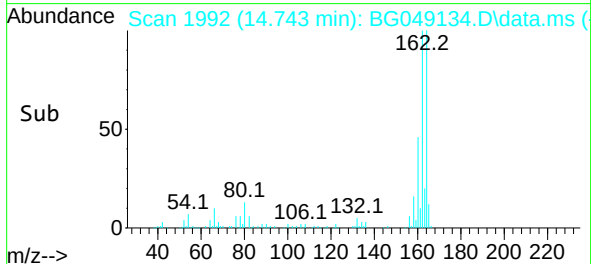
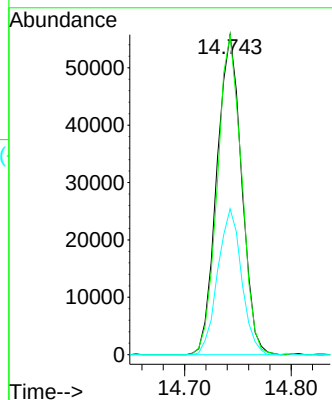
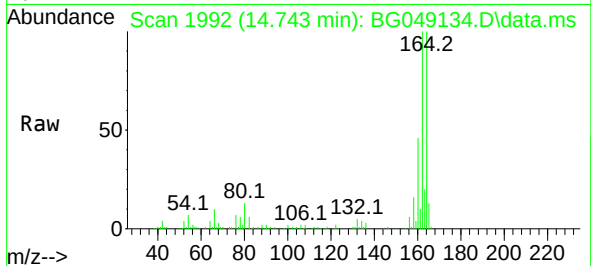




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.743 min Scan# 1992
Delta R.T. -0.008 min
Lab File: BG049134.D
Acq: 29 Jun 2021 14:00

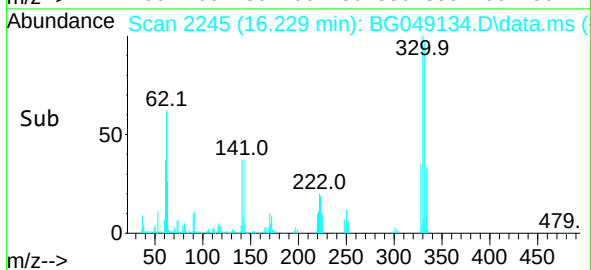
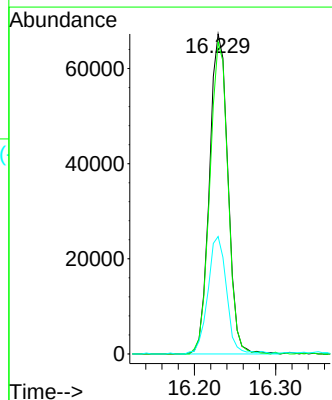
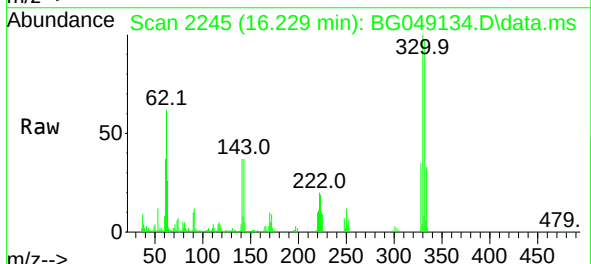
Instrument :
BNA_G
ClientSampleId :
20426

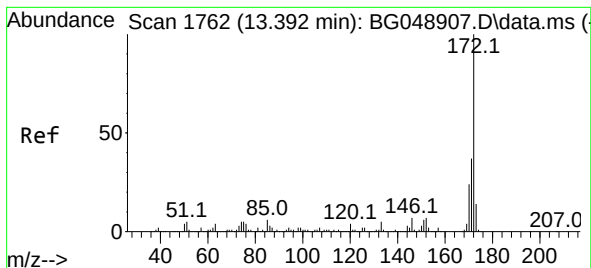
Tgt Ion:164 Resp: 89769
Ion Ratio Lower Upper
164 100
162 99.8 81.4 122.0
160 45.6 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 79.701 ng
RT: 16.229 min Scan# 2245
Delta R.T. -0.008 min
Lab File: BG049134.D
Acq: 29 Jun 2021 14:00

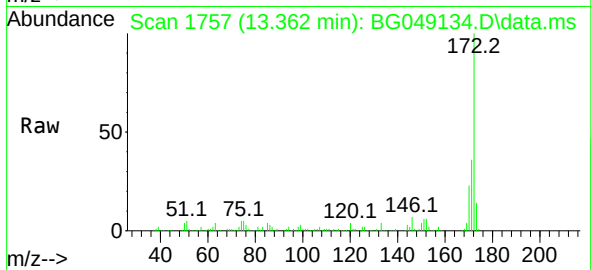
Tgt Ion:330 Resp: 106001
Ion Ratio Lower Upper
330 100
332 95.8 77.3 115.9
141 37.3 35.6 53.4



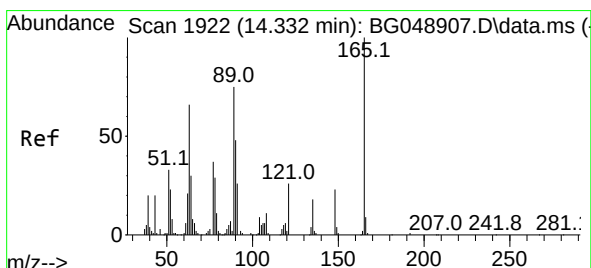
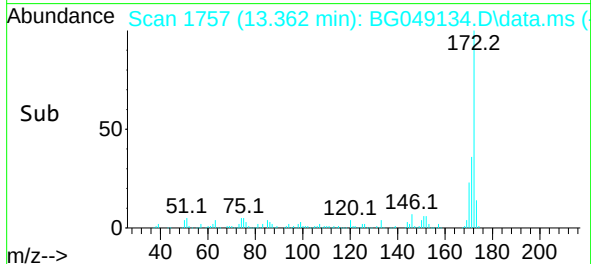
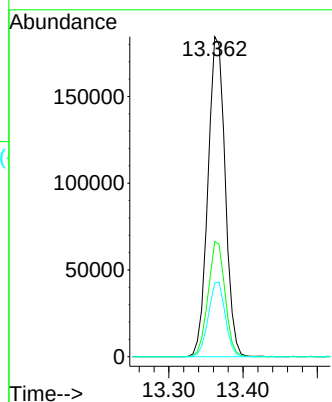


#45
2-Fluorobiphenyl
Concen: 46.683 ng
RT: 13.362 min Scan# 1757
Delta R.T. -0.008 min
Lab File: BG049134.D
Acq: 29 Jun 2021 14:00

Instrument :
BNA_G
ClientSampleId :
20426

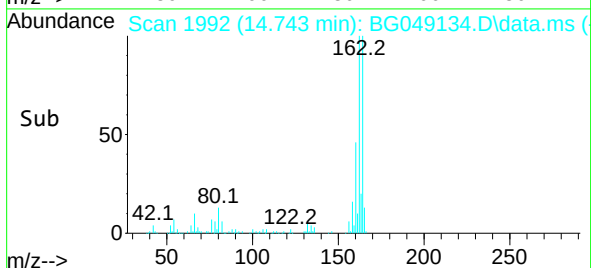
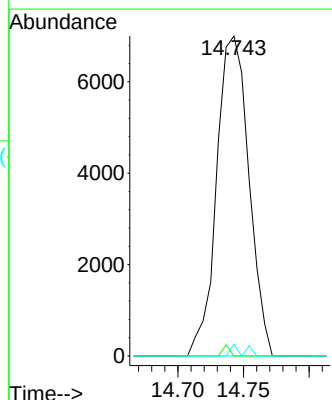
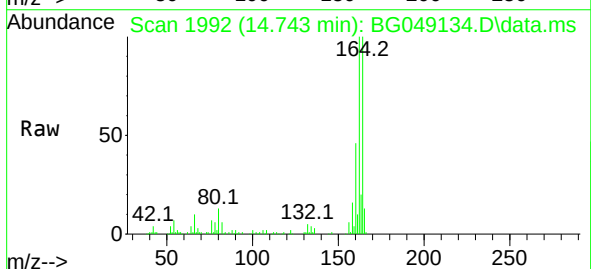


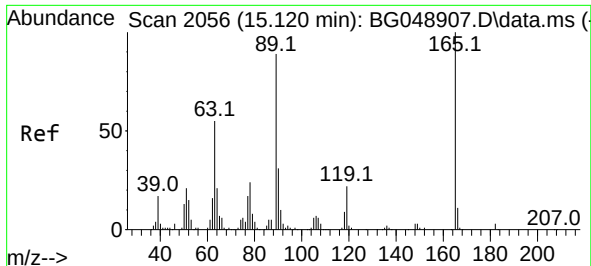
Tgt Ion:172 Resp: 296653
Ion Ratio Lower Upper
172 100
171 36.0 28.6 43.0
170 23.0 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.397 ng
RT: 14.743 min Scan# 1992
Delta R.T. 0.427 min
Lab File: BG049134.D
Acq: 29 Jun 2021 14:00

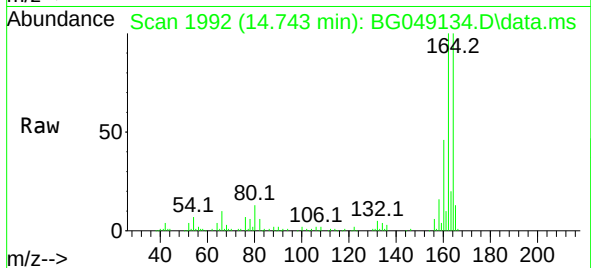
Tgt Ion:165 Resp: 11958
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 3.7 63.4 95.0#



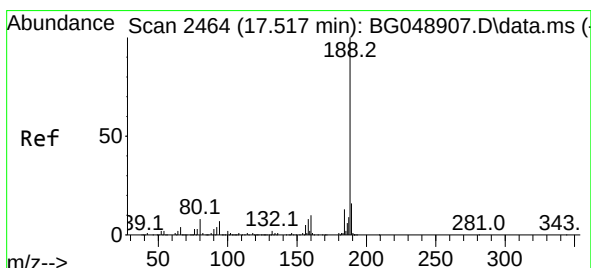
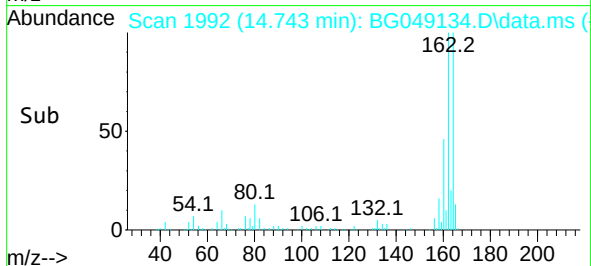
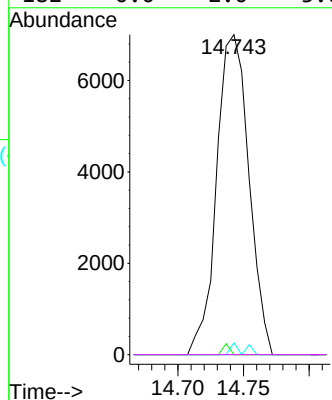


#57
2,4-Dinitrotoluene
Concen: 6.836 ng
RT: 14.743 min Scan# 1992
Delta R.T. -0.361 min
Lab File: BG049134.D
Acq: 29 Jun 2021 14:00

Instrument :
BNA_G
ClientSampled :
20426

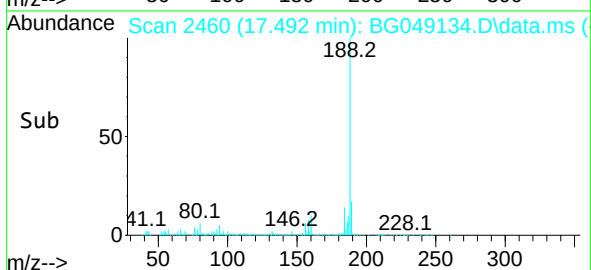
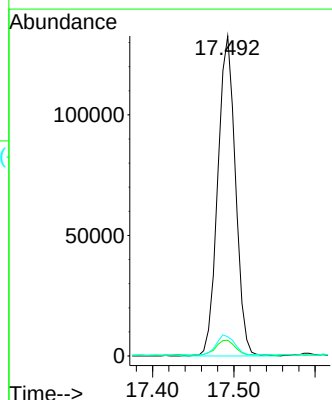
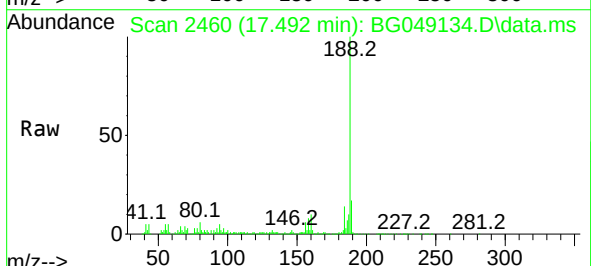


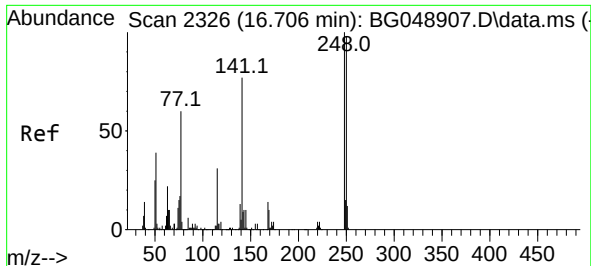
Tgt Ion:165 Resp: 11958
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 3.7 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.492 min Scan# 2460
Delta R.T. -0.008 min
Lab File: BG049134.D
Acq: 29 Jun 2021 14:00

Tgt Ion:188 Resp: 200887
Ion Ratio Lower Upper
188 100
94 4.9 5.4 8.0#
80 6.0 3.7 5.5#

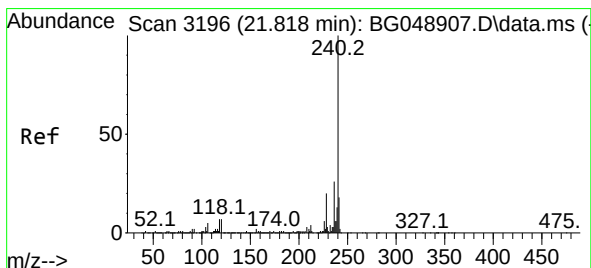
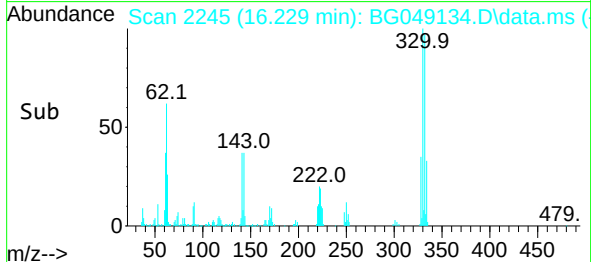
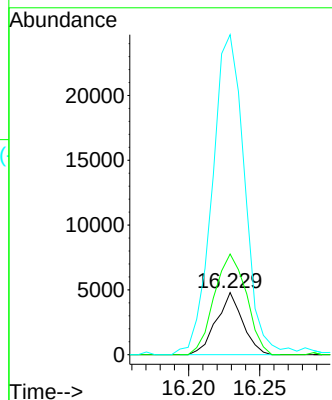
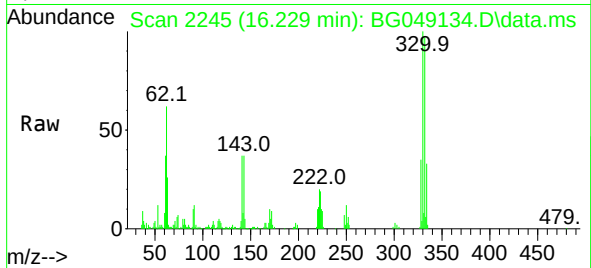




#67
4-Bromophenyl-phenylether
Concen: 2.463 ng
RT: 16.229 min Scan# 2245
Delta R.T. -0.455 min
Lab File: BG049134.D
Acq: 29 Jun 2021 14:00

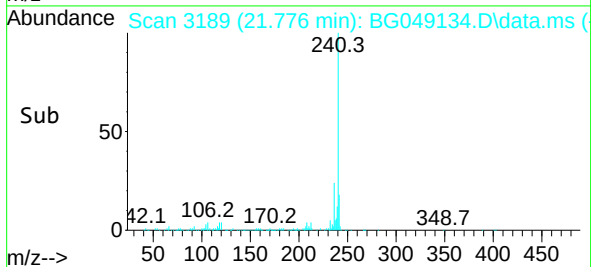
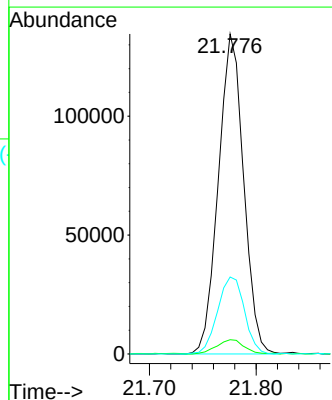
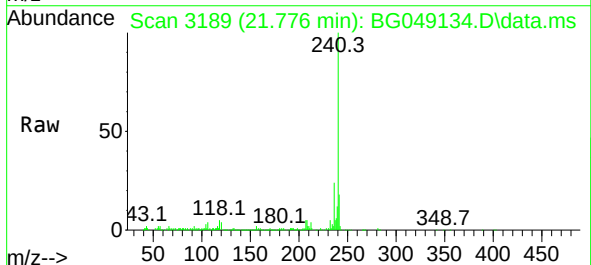
Instrument :
BNA_G
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20426

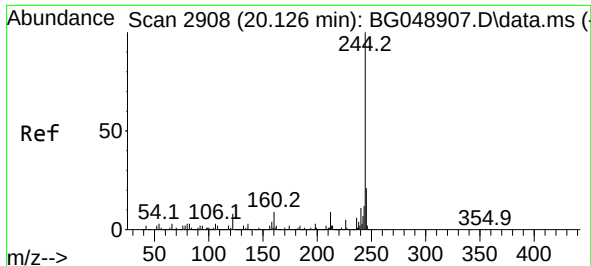
Tgt Ion:248 Resp: 6178
Ion Ratio Lower Upper
248 100
250 162.2 76.1 114.1#
141 515.7 65.4 98.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.776 min Scan# 3189
Delta R.T. -0.014 min
Lab File: BG049134.D
Acq: 29 Jun 2021 14:00

Tgt Ion:240 Resp: 220865
Ion Ratio Lower Upper
240 100
120 4.5 4.2 6.2
236 24.1 21.8 32.6

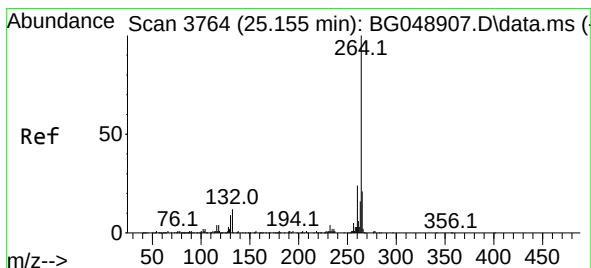
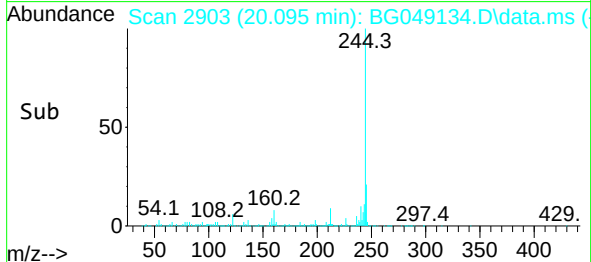
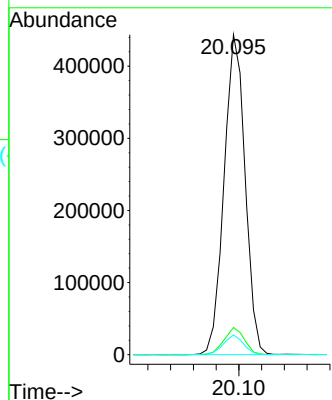
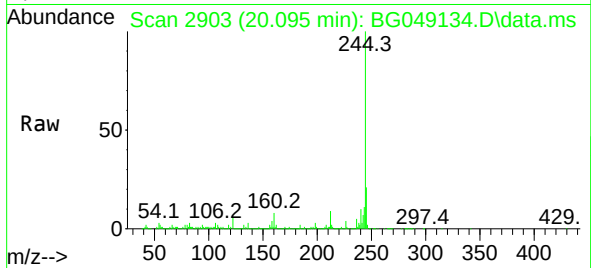




#79
Terphenyl-d14
Concen: 47.247 ng
RT: 20.095 min Scan# 2903
Delta R.T. -0.008 min
Lab File: BG049134.D
Acq: 29 Jun 2021 14:00

Instrument :
BNA_G
ClientSampleId :
20426

Tgt Ion:244 Resp: 569796
Ion Ratio Lower Upper
244 100
212 8.5 6.9 10.3
122 6.2 5.0 7.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.089 min Scan# 3753
Delta R.T. -0.014 min
Lab File: BG049134.D
Acq: 29 Jun 2021 14:00

Tgt Ion:264 Resp: 243350
Ion Ratio Lower Upper
264 100
260 23.6 19.4 29.2
265 20.4 16.9 25.3

