

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062821\
 Data File : BG049130.D
 Acq On : 28 Jun 2021 22:28
 Operator : CG/JU
 Sample : M2857-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-12-COMP

Quant Time: Jun 29 04:02:02 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)

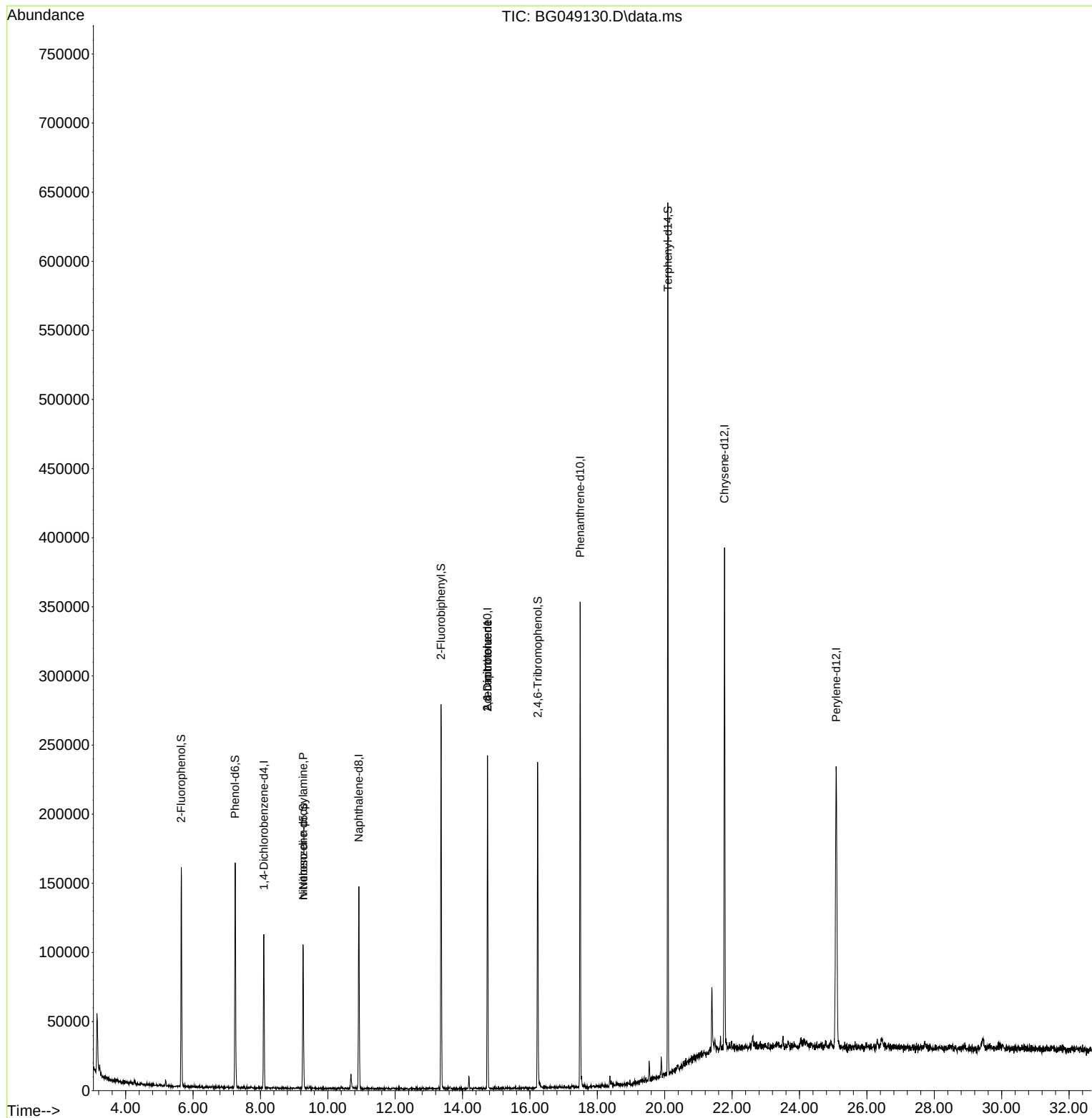
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.102	152	29979	20.00	ng	0.00
21) Naphthalene-d8	10.922	136	116733	20.00	ng	# 0.00
39) Acenaphthene-d10	14.741	164	89490	20.00	ng	0.00
64) Phenanthrene-d10	17.491	188	218887	20.00	ng	# 0.00
76) Chrysene-d12	21.774	240	230831	20.00	ng	-0.02
86) Perylene-d12	25.088	264	242504	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.652	112	63725	33.09	ng	0.00
7) Phenol-d6	7.250	99	88477	30.65	ng	0.00
23) Nitrobenzene-d5	9.265	82	60686	22.42	ng	0.00
42) 2,4,6-Tribromophenol	16.228	330	49617	37.42	ng	0.00
45) 2-Fluorobiphenyl	13.361	172	145607	22.99	ng	0.00
79) Terphenyl-d14	20.094	244	299780	23.78	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.265	70	9417	4.17	ng	# 73
51) 2,6-Dinitrotoluene	14.741	165	11375	8.01	ng	# 12
57) 2,4-Dinitrotoluene	14.741	165	11375	6.52	ng	# 17

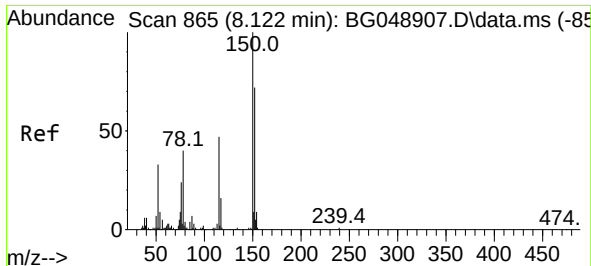
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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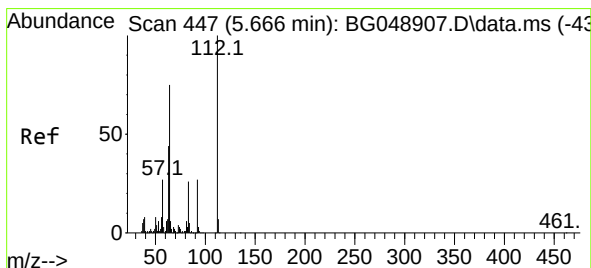
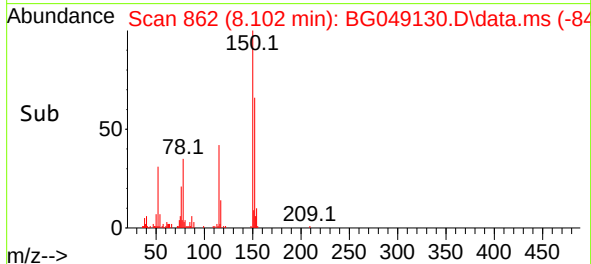
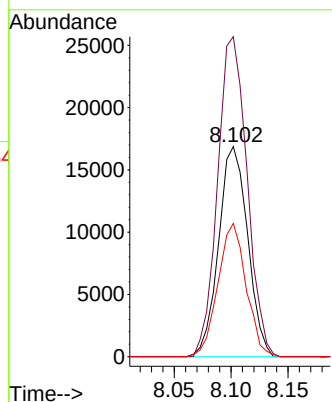
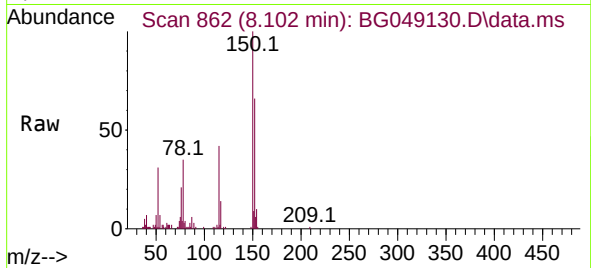




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.102 min Scan# 862
Delta R.T. -0.003 min
Lab File: BG049130.D
Acq: 28 Jun 2021 22:28

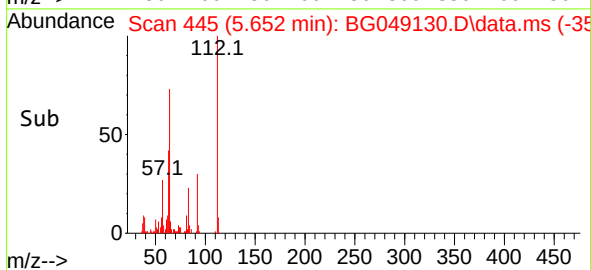
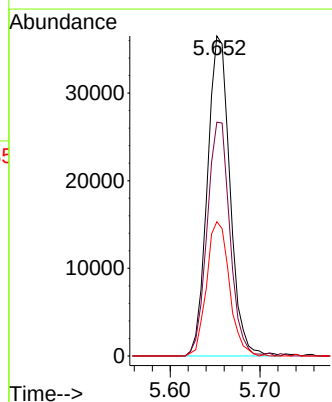
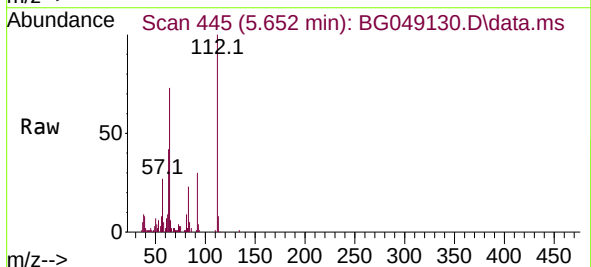
Instrument :
BNA_G
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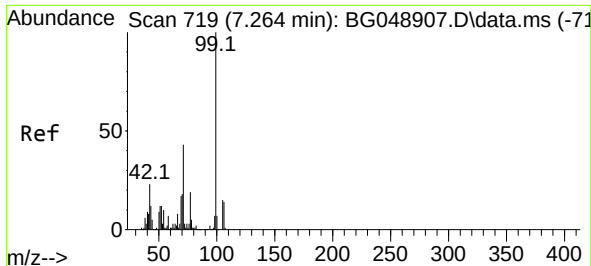
Tgt Ion:152 Resp: 29979
Ion Ratio Lower Upper
152 100
150 152.3 119.4 179.0
115 63.5 60.2 90.4



#5
2-Fluorophenol
Concen: 33.09 ng
RT: 5.652 min Scan# 445
Delta R.T. -0.003 min
Lab File: BG049130.D
Acq: 28 Jun 2021 22:28

Tgt Ion:112 Resp: 63725
Ion Ratio Lower Upper
112 100
64 73.0 46.7 70.1#
63 42.0 35.3 52.9

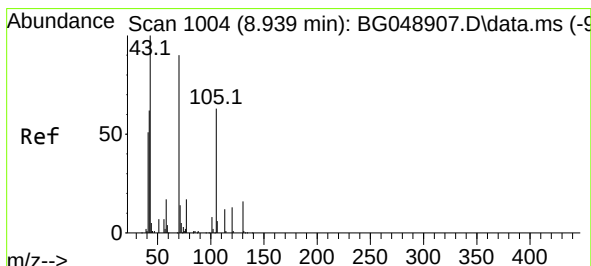
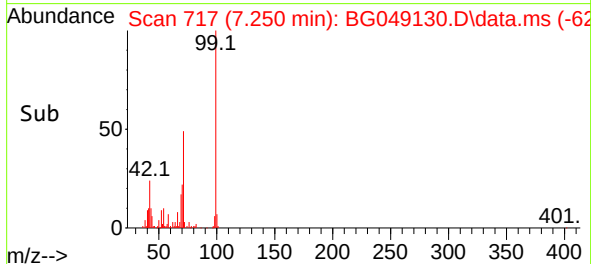
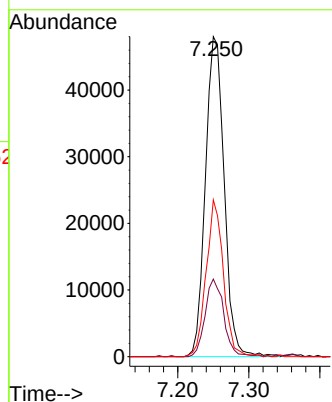
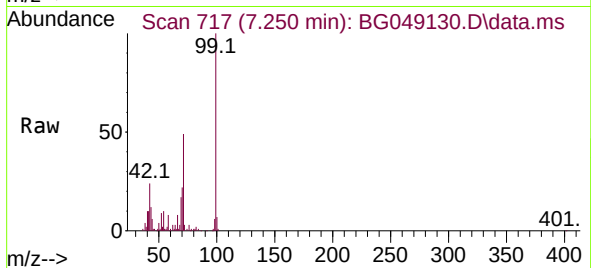




#7
Phenol-d6
Concen: 30.65 ng
RT: 7.250 min Scan# 717
Delta R.T. -0.009 min
Lab File: BG049130.D
Acq: 28 Jun 2021 22:28

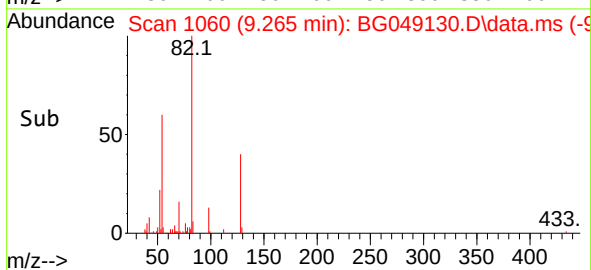
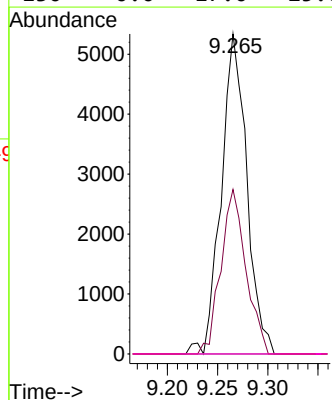
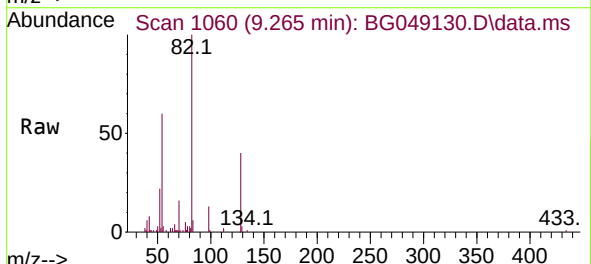
Instrument :
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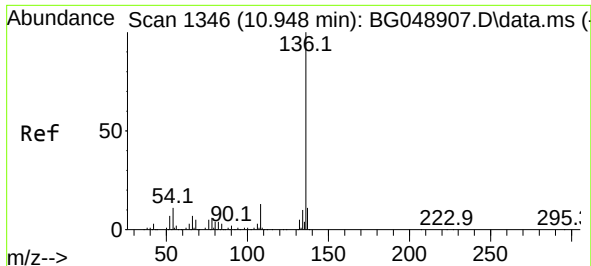
Tgt Ion:	99	Resp:	88477
Ion	Ratio	Lower	Upper
99	100		
42	24.2	20.5	30.7
71	49.0	41.5	62.3



#19
n-Nitroso-di-n-propylamine
Concen: 4.17 ng
RT: 9.265 min Scan# 1060
Delta R.T. 0.355 min
Lab File: BG049130.D
Acq: 28 Jun 2021 22:28

Tgt Ion:	70	Resp:	9417
Ion	Ratio	Lower	Upper
70	100		
42	51.4	54.5	81.7#
101	0.0	9.0	13.6#
130	0.0	17.0	25.6#

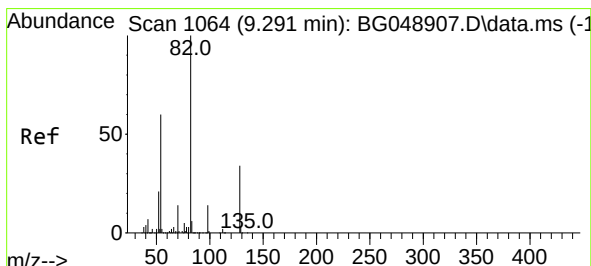
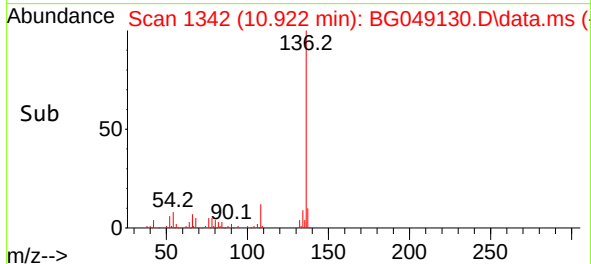
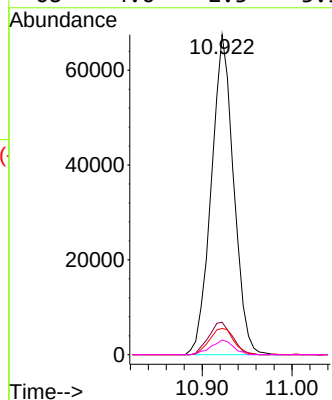
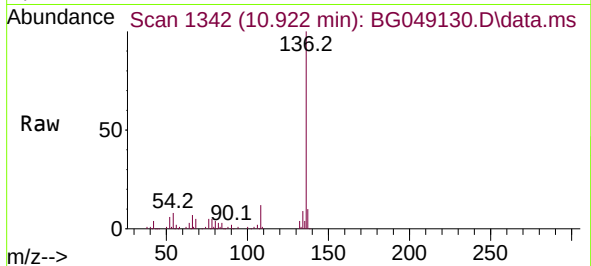




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.922 min Scan# 1342
Delta R.T. -0.004 min
Lab File: BG049130.D
Acq: 28 Jun 2021 22:28

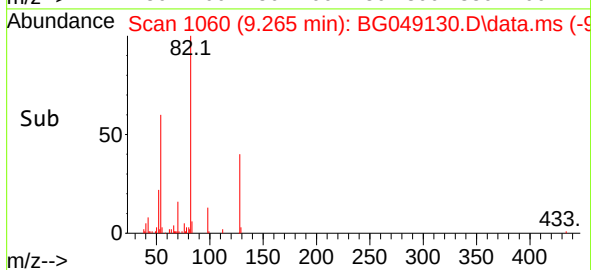
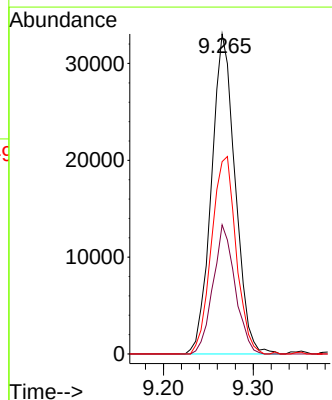
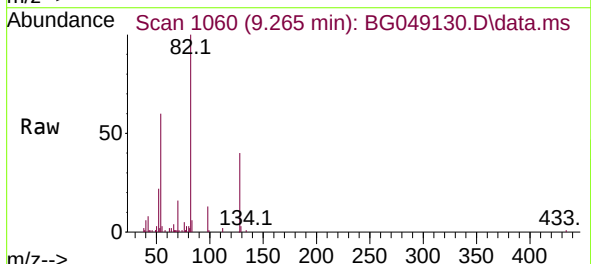
Instrument :
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ClientSampleId :
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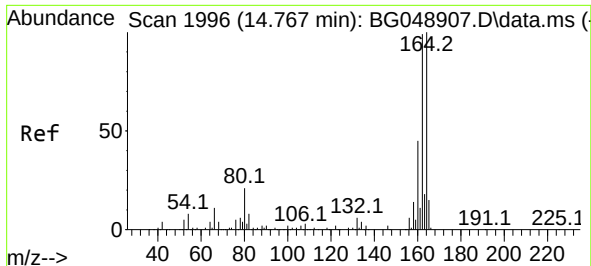
Tgt Ion:	136	Resp:	116733
Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.2	12.2
54	8.2	5.5	8.3
68	4.6	2.3	3.5



#23
Nitrobenzene-d5
Concen: 22.42 ng
RT: 9.265 min Scan# 1060
Delta R.T. -0.009 min
Lab File: BG049130.D
Acq: 28 Jun 2021 22:28

Tgt Ion:	82	Resp:	60686
Ion	Ratio	Lower	Upper
82	100		
128	40.3	29.8	44.6
54	60.1	45.8	68.8

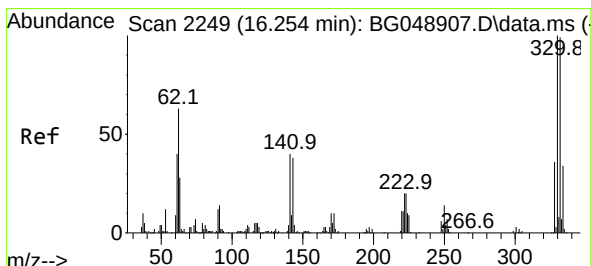
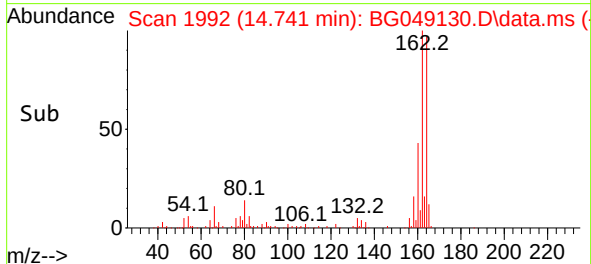
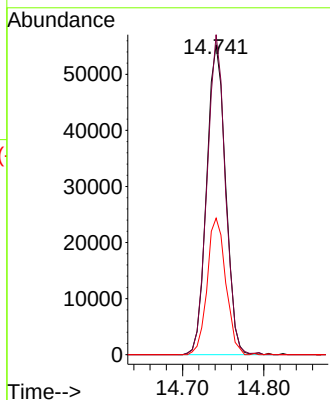
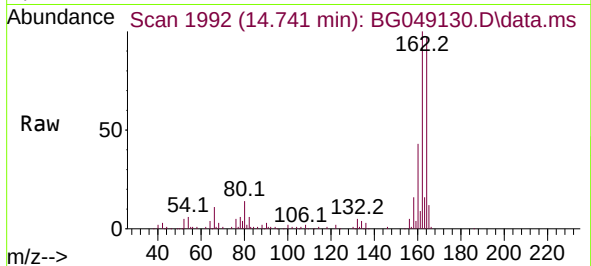




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.741 min Scan# 1992
Delta R.T. -0.009 min
Lab File: BG049130.D
Acq: 28 Jun 2021 22:28

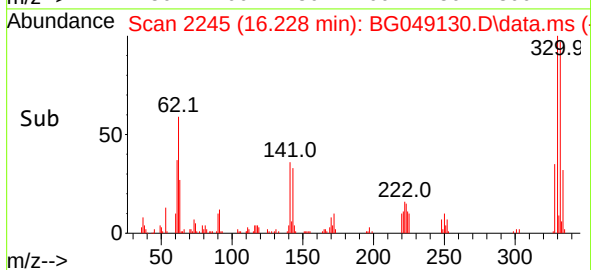
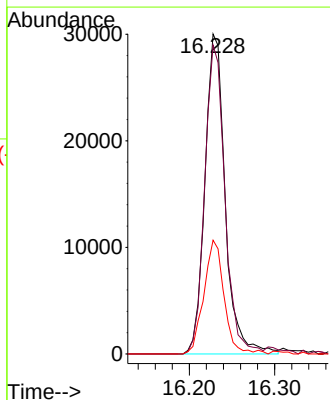
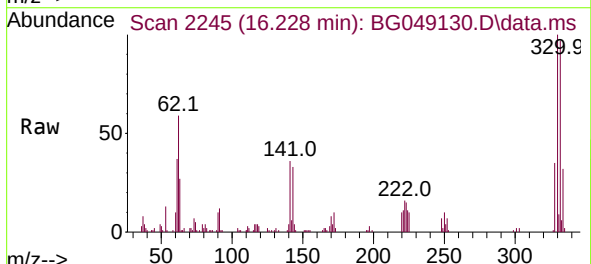
Instrument :
BNA_G
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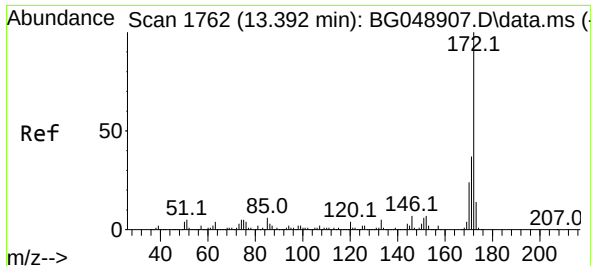
Tgt Ion:164 Resp: 89490
Ion Ratio Lower Upper
164 100
162 103.3 81.4 122.0
160 44.1 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 37.42 ng
RT: 16.228 min Scan# 2245
Delta R.T. -0.009 min
Lab File: BG049130.D
Acq: 28 Jun 2021 22:28

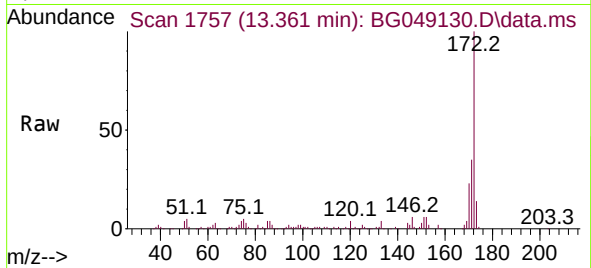
Tgt Ion:330 Resp: 49617
Ion Ratio Lower Upper
330 100
332 95.8 77.3 115.9
141 35.5 35.6 53.4#



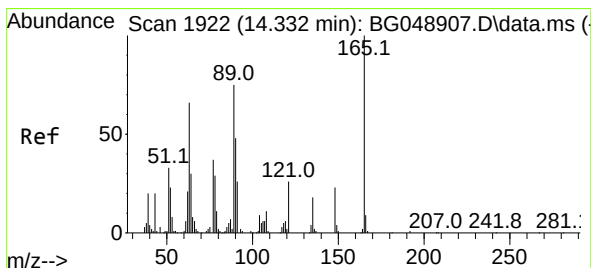
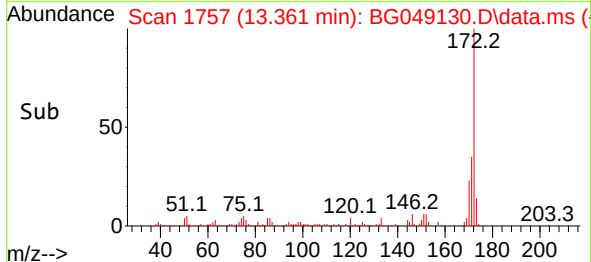
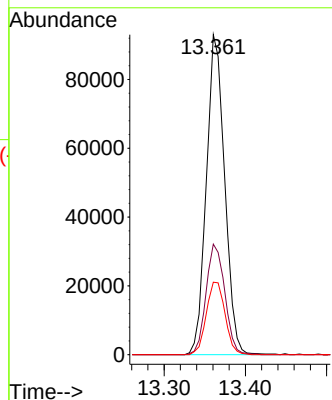


#45
2-Fluorobiphenyl
Concen: 22.99 ng
RT: 13.361 min Scan# 1757
Delta R.T. -0.009 min
Lab File: BG049130.D
Acq: 28 Jun 2021 22:28

Instrument :
BNA_G
ClientSampleId :
SB-12-COMP

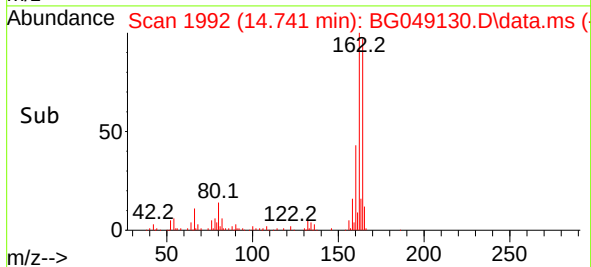
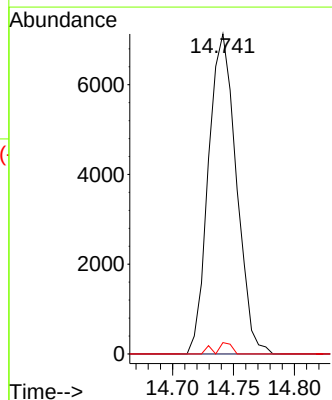
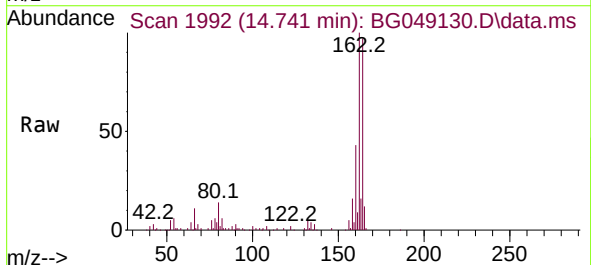


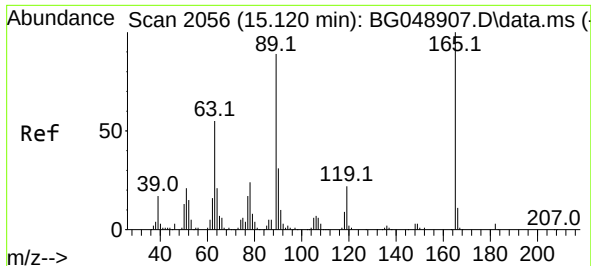
Tgt Ion:172 Resp: 145607
Ion Ratio Lower Upper
172 100
171 34.6 28.6 43.0
170 22.6 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.01 ng
RT: 14.741 min Scan# 1992
Delta R.T. 0.425 min
Lab File: BG049130.D
Acq: 28 Jun 2021 22:28

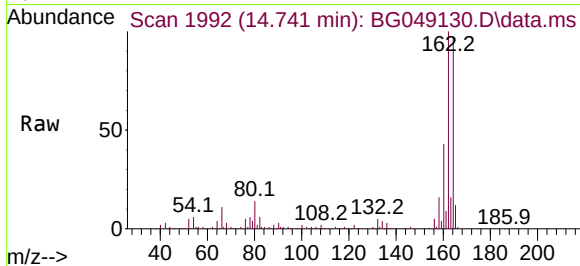
Tgt Ion:165 Resp: 11375
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 3.5 63.4 95.0#



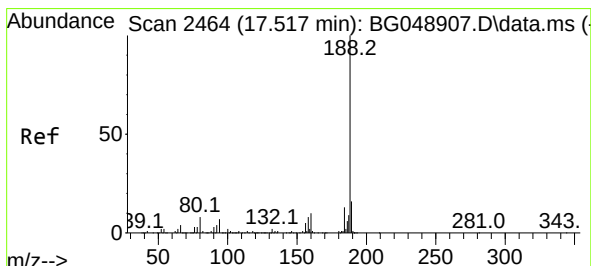
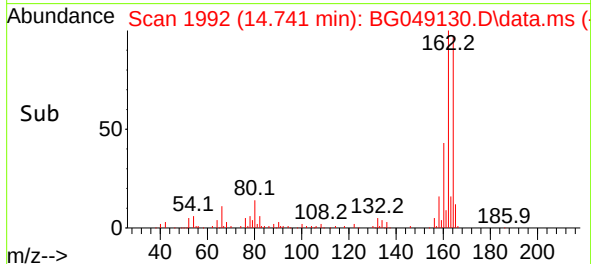
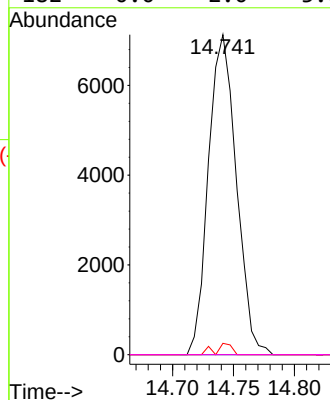


#57
2,4-Dinitrotoluene
Concen: 6.52 ng
RT: 14.741 min Scan# 1992
Delta R.T. -0.362 min
Lab File: BG049130.D
Acq: 28 Jun 2021 22:28

Instrument :
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ClientSampleId :
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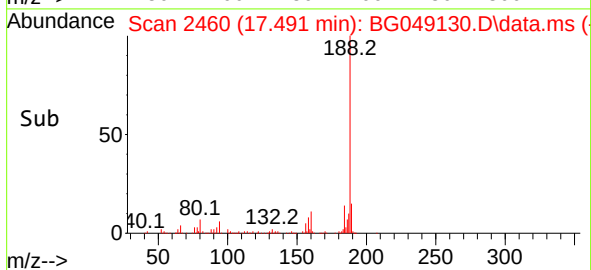
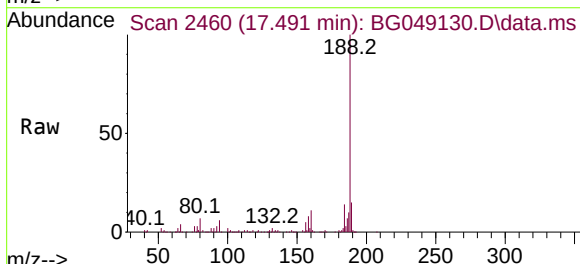
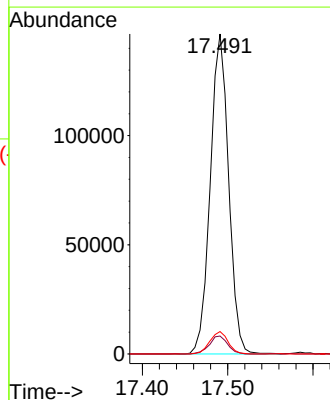


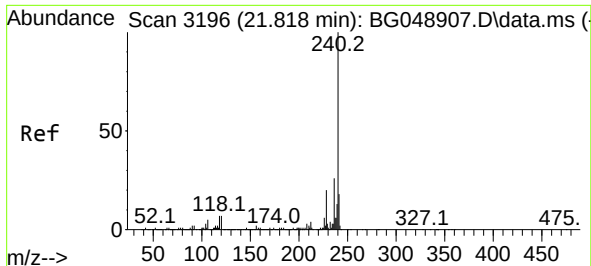
Tgt Ion:165 Resp: 11375
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 3.5 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.491 min Scan# 2460
Delta R.T. -0.009 min
Lab File: BG049130.D
Acq: 28 Jun 2021 22:28

Tgt Ion:188 Resp: 218887
Ion Ratio Lower Upper
188 100
94 5.6 5.4 8.0
80 7.0 3.7 5.5#

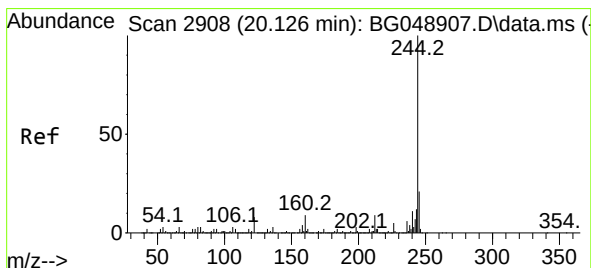
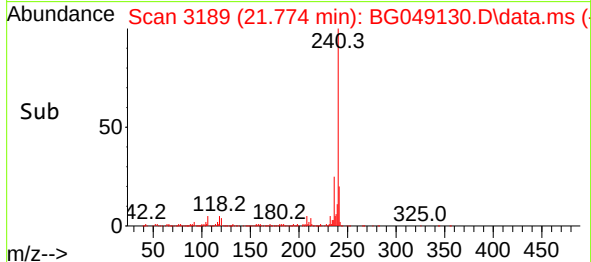
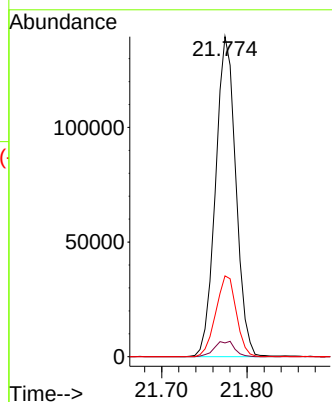
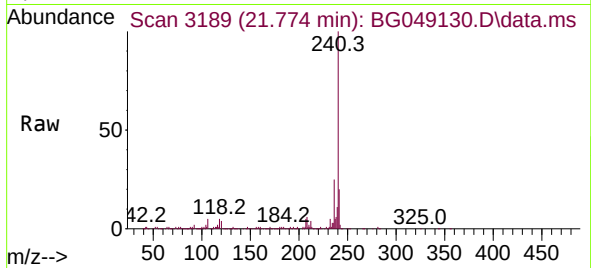




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.774 min Scan# 3189
Delta R.T. -0.015 min
Lab File: BG049130.D
Acq: 28 Jun 2021 22:28

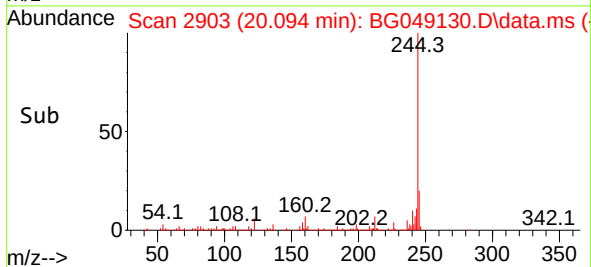
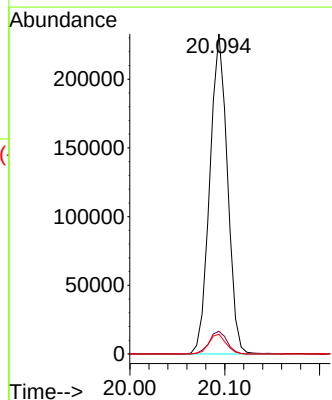
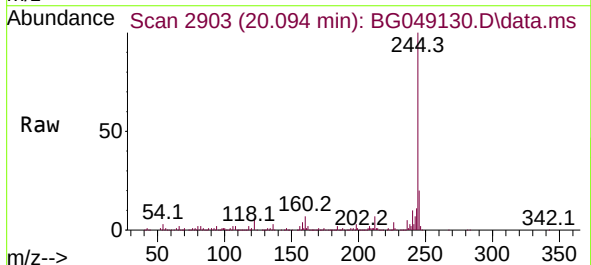
Instrument :
BNA_G
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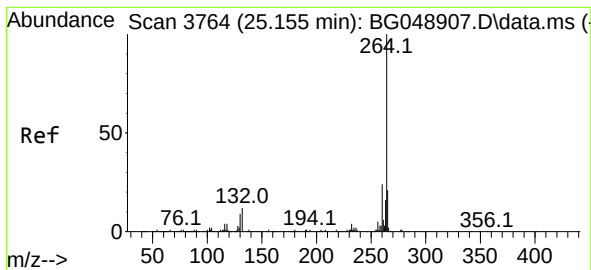
Tgt Ion:240	Resp:	230831
Ion Ratio	Lower	Upper
240	100	
120	4.3	4.2 6.2
236	25.3	21.8 32.6



#79
Terphenyl-d14
Concen: 23.78 ng
RT: 20.094 min Scan# 2903
Delta R.T. -0.009 min
Lab File: BG049130.D
Acq: 28 Jun 2021 22:28

Tgt Ion:244	Resp:	299780
Ion Ratio	Lower	Upper
244	100	
212	7.1	6.9 10.3
122	6.2	5.0 7.6





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.088 min Scan# 3753
 Delta R.T. -0.015 min
 Lab File: BG049130.D
 Acq: 28 Jun 2021 22:28

Instrument :
 BNA_G
 ClientSampleId :
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Tgt Ion:264 Resp: 242504
 Ion Ratio Lower Upper
 264 100
 260 21.4 19.4 29.2
 265 21.2 16.9 25.3

