

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101121\
 Data File : BG050542.D
 Acq On : 11 Oct 2021 19:29
 Operator : CG/JU
 Sample : M4112-02 10X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 1-ENTRANCE

Quant Time: Oct 12 04:49:20 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 06 15:51:01 2021
 Response via : Initial Calibration

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

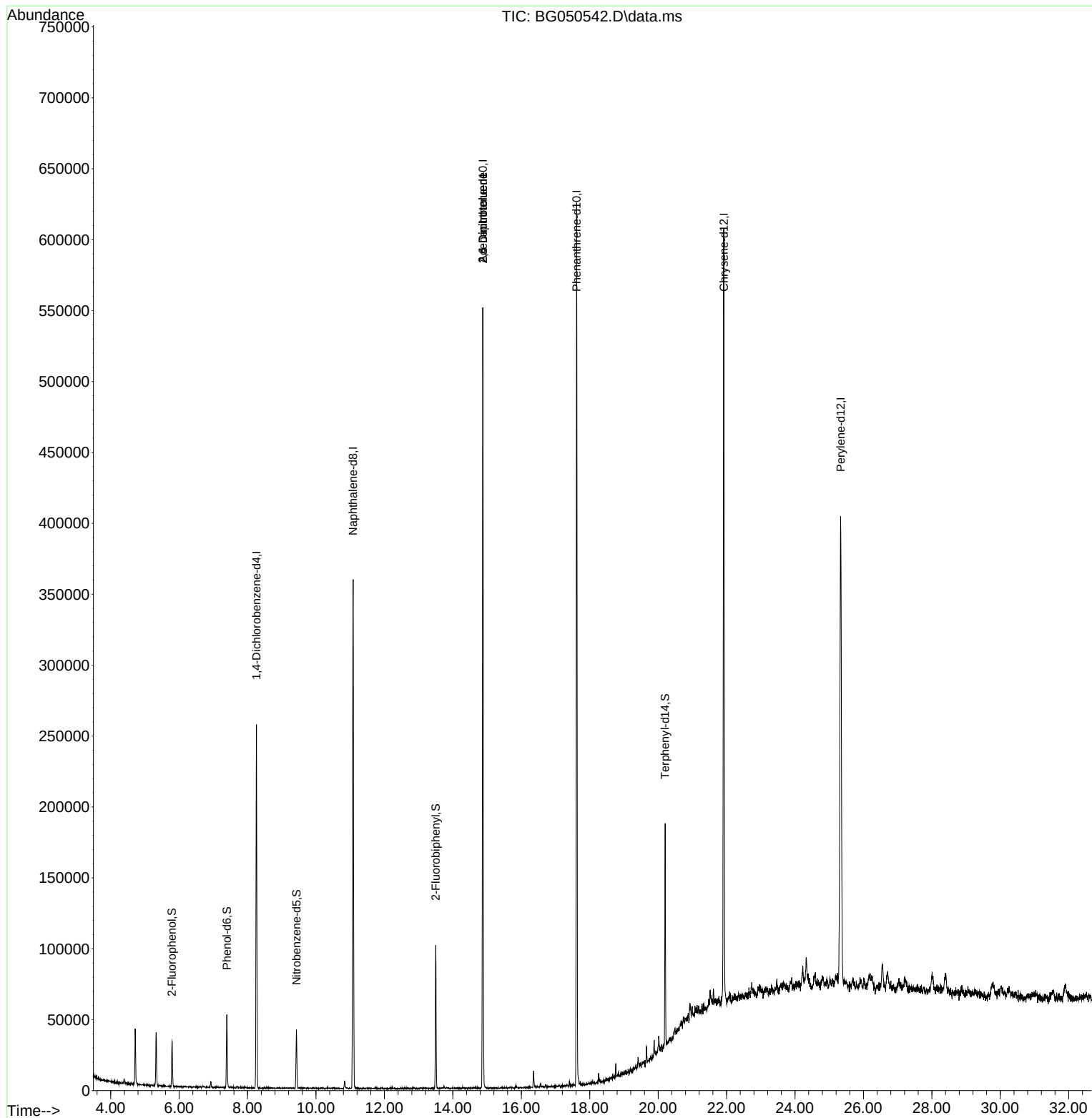
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.259	152	66764	20.000	ng	0.00
21) Naphthalene-d8	11.085	136	296098	20.000	ng	# 0.00
39) Acenaphthene-d10	14.875	164	188799	20.000	ng	0.00
64) Phenanthrene-d10	17.618	188	382079	20.000	ng	# 0.00
76) Chrysene-d12	21.919	240	335512	20.000	ng	# 0.00
86) Perylene-d12	25.333	264	340171	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.791	112	13260	2.970	ng	0.00
7) Phenol-d6	7.395	99	29559	4.573	ng	0.00
23) Nitrobenzene-d5	9.428	82	26667	3.728	ng	0.00
42) 2,4,6-Tribromophenol	16.361	330	2149	1.193	ng	0.00
45) 2-Fluorobiphenyl	13.500	172	49934	3.981	ng	0.00
79) Terphenyl-d14	20.204	244	67615	3.927	ng	0.00
Target Compounds						
						Qvalue
51) 2,6-Dinitrotoluene	14.875	165	24915	8.717	ng	# 12
57) 2,4-Dinitrotoluene	14.875	165	24915	6.184	ng	# 17

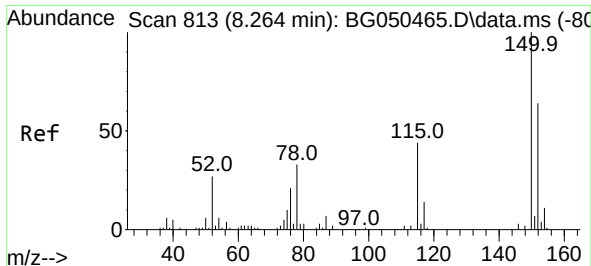
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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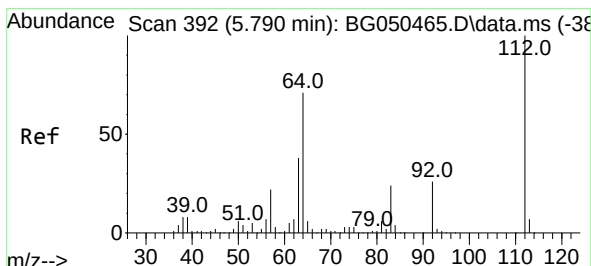
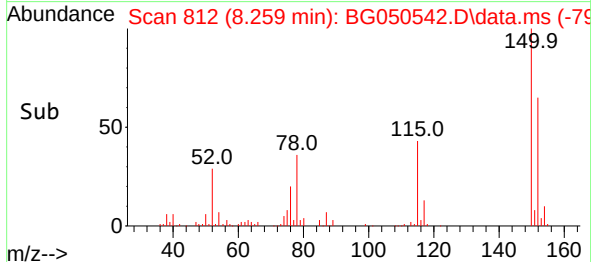
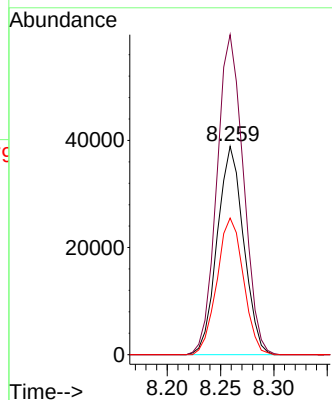
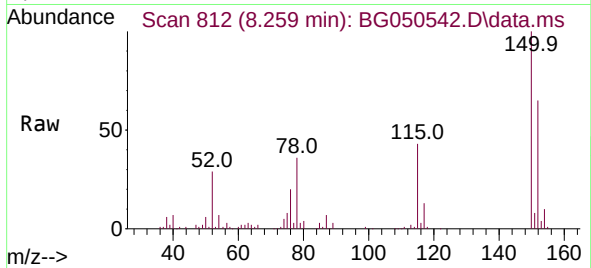




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.259 min Scan# 812
Delta R.T. -0.005 min
Lab File: BG050542.D
Acq: 11 Oct 2021 19:29

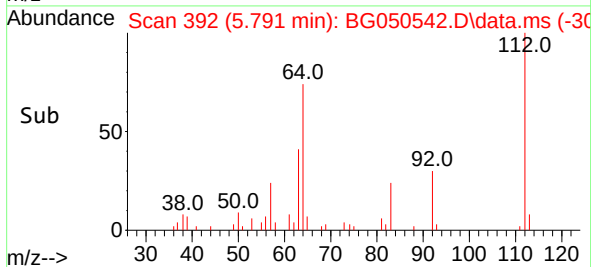
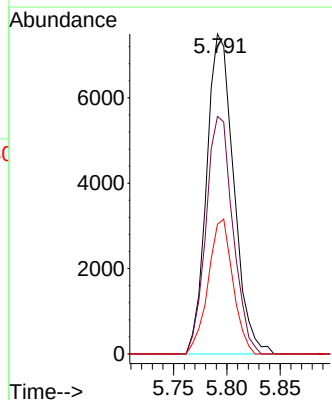
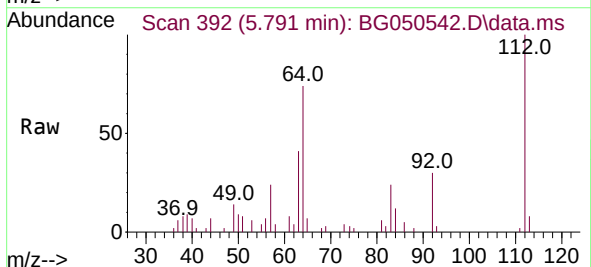
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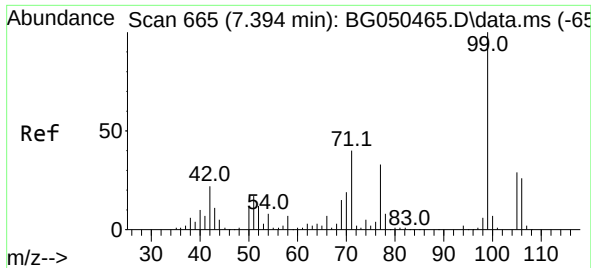
Tgt Ion:152 Resp: 66764
Ion Ratio Lower Upper
152 100
150 153.5 119.4 179.0
115 65.6 60.2 90.4



#5
2-Fluorophenol
Concen: 2.970 ng
RT: 5.791 min Scan# 392
Delta R.T. 0.001 min
Lab File: BG050542.D
Acq: 11 Oct 2021 19:29

Tgt Ion:112 Resp: 13260
Ion Ratio Lower Upper
112 100
64 74.3 46.7 70.1#
63 40.5 35.3 52.9

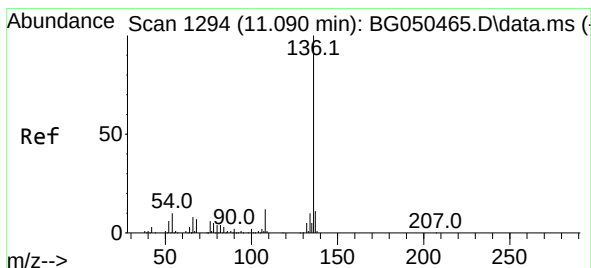
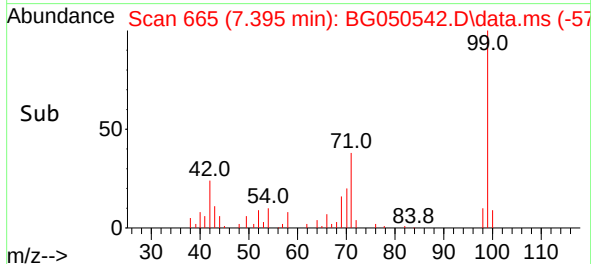
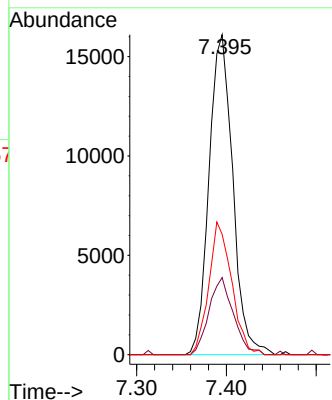
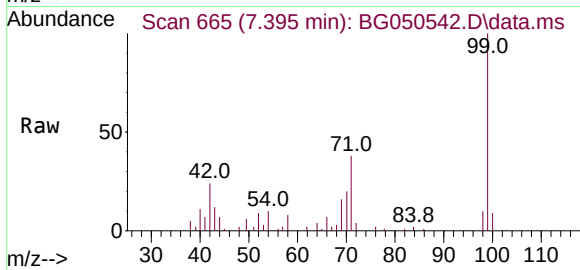




#7
Phenol-d6
Concen: 4.573 ng
RT: 7.395 min Scan# 665
Delta R.T. 0.001 min
Lab File: BG050542.D
Acq: 11 Oct 2021 19:29

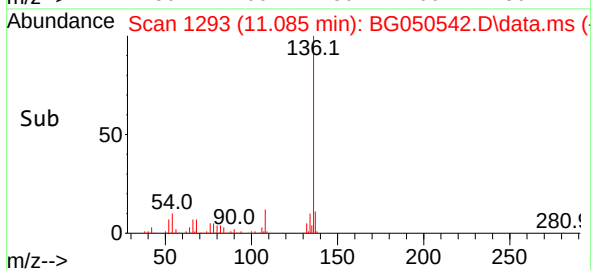
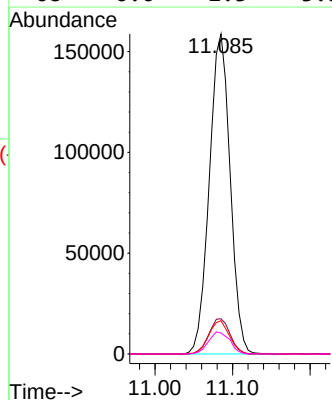
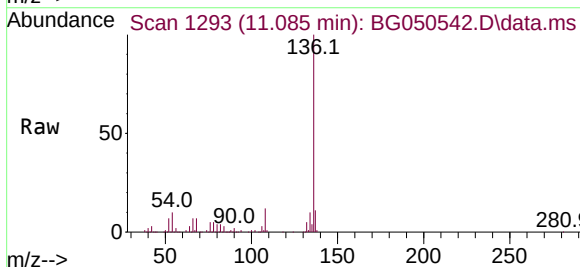
Instrument :
BNA_G
ClientSampleId :
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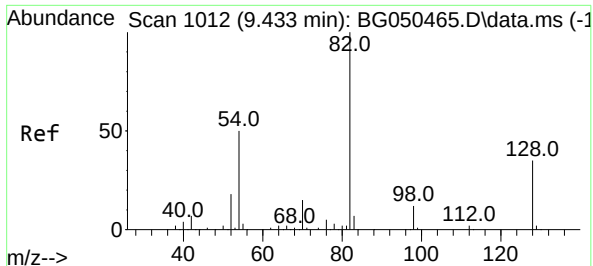
Tgt Ion:	99	Resp:	29559
Ion	Ratio	Lower	Upper
99	100		
42	24.1	20.5	30.7
71	37.6	41.5	62.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.085 min Scan# 1293
Delta R.T. -0.005 min
Lab File: BG050542.D
Acq: 11 Oct 2021 19:29

Tgt Ion:	136	Resp:	296098
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.2	12.2
54	10.4	5.5	8.3#
68	6.6	2.3	3.5#

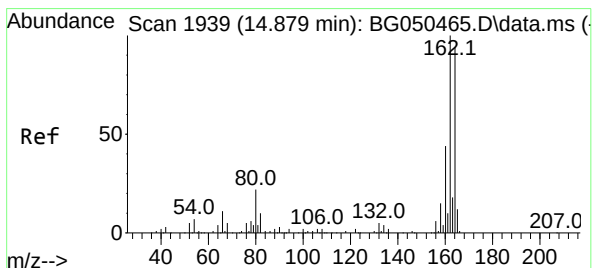
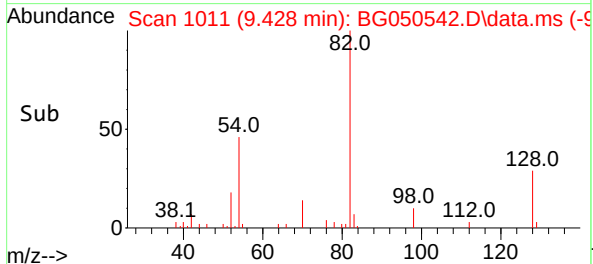
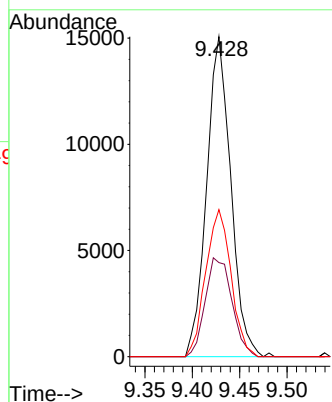
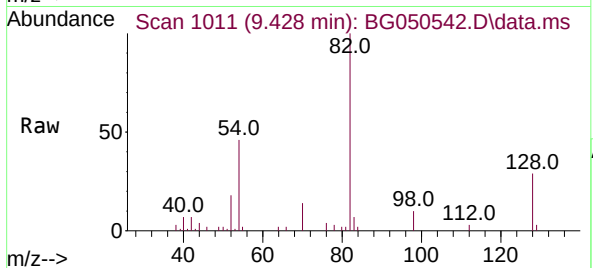




#23
Nitrobenzene-d5
Concen: 3.728 ng
RT: 9.428 min Scan# 1011
Delta R.T. -0.005 min
Lab File: BG050542.D
Acq: 11 Oct 2021 19:29

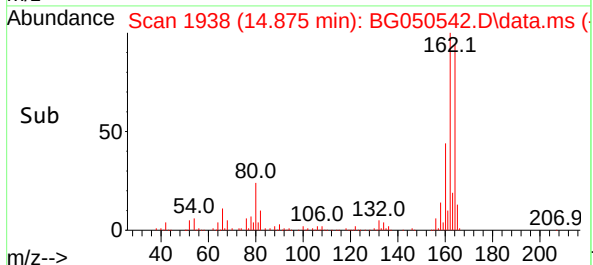
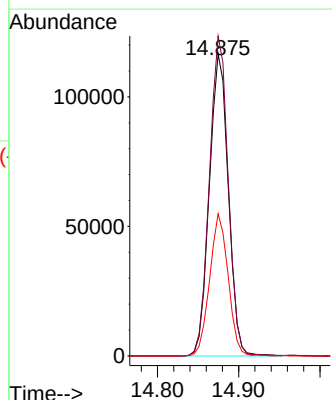
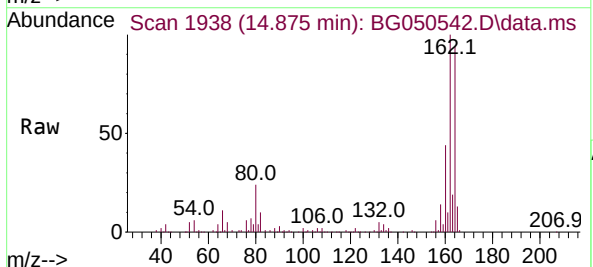
Instrument :
BNA_G
ClientSampleId :
1-ENTRANCE

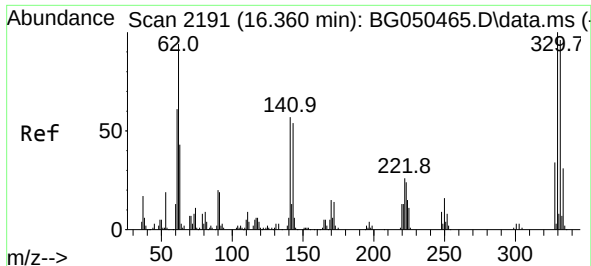
Tgt Ion: 82 Resp: 26667
Ion Ratio Lower Upper
82 100
128 29.4 29.8 44.6#
54 46.0 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.875 min Scan# 1938
Delta R.T. -0.005 min
Lab File: BG050542.D
Acq: 11 Oct 2021 19:29

Tgt Ion:164 Resp: 188799
Ion Ratio Lower Upper
164 100
162 105.9 81.4 122.0
160 47.1 34.9 52.3

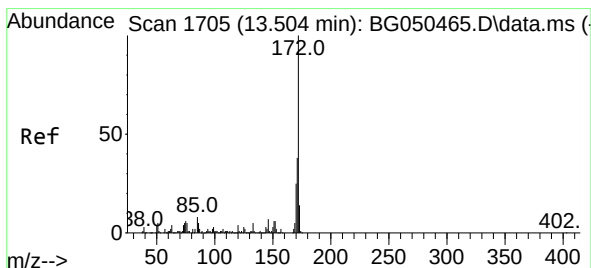
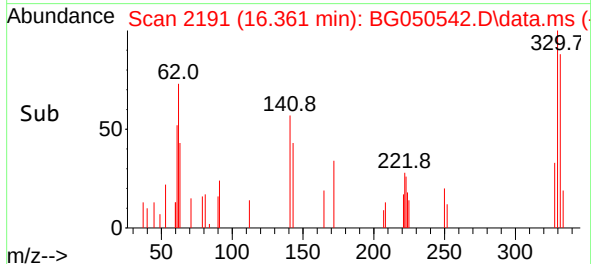
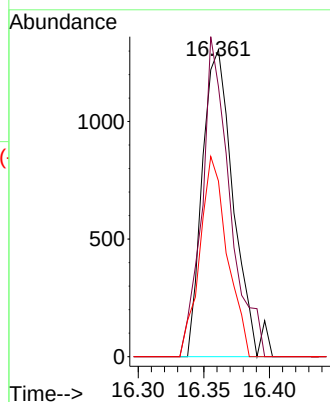
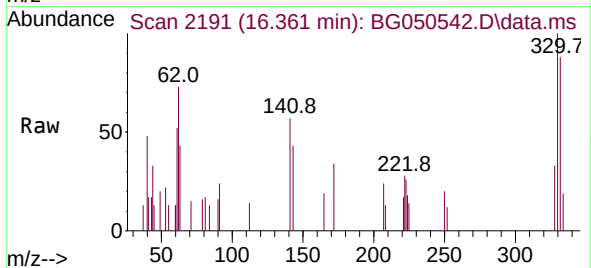




#42
2,4,6-Tribromophenol
Concen: 1.193 ng
RT: 16.361 min Scan# 2191
Delta R.T. 0.001 min
Lab File: BG050542.D
Acq: 11 Oct 2021 19:29

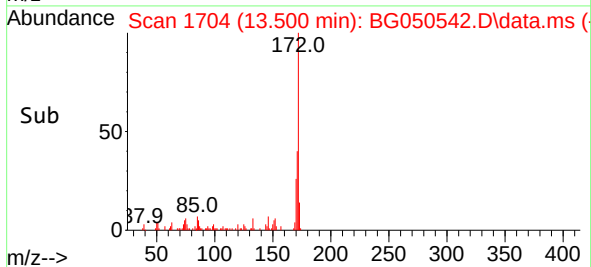
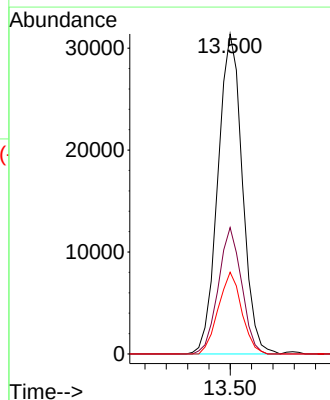
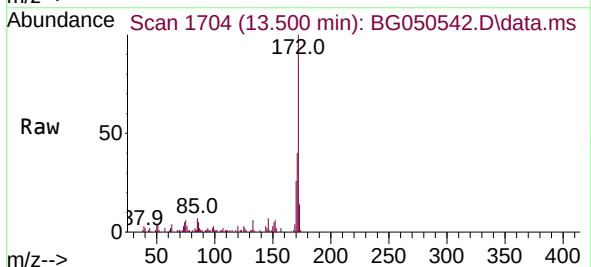
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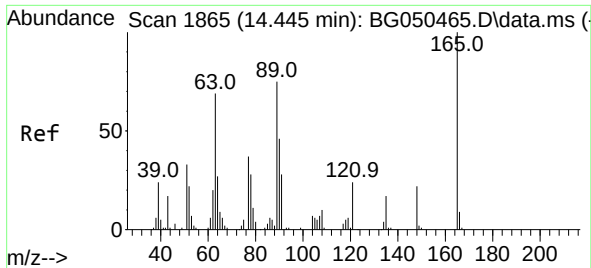
Tgt Ion:330 Resp: 2149
Ion Ratio Lower Upper
330 100
332 93.5 77.3 115.9
141 57.7 35.6 53.4#



#45
2-Fluorobiphenyl
Concen: 3.981 ng
RT: 13.500 min Scan# 1704
Delta R.T. -0.005 min
Lab File: BG050542.D
Acq: 11 Oct 2021 19:29

Tgt Ion:172 Resp: 49934
Ion Ratio Lower Upper
172 100
171 39.5 28.6 43.0
170 25.5 18.6 27.8

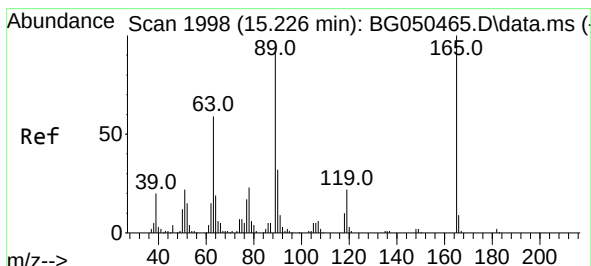
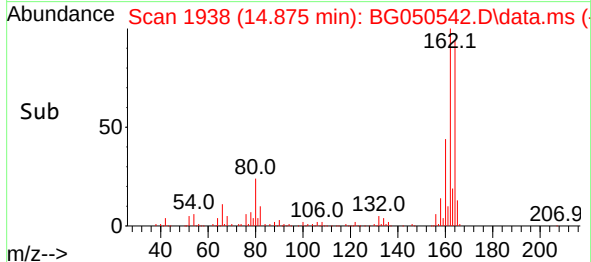
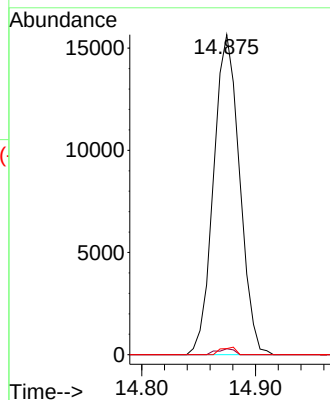
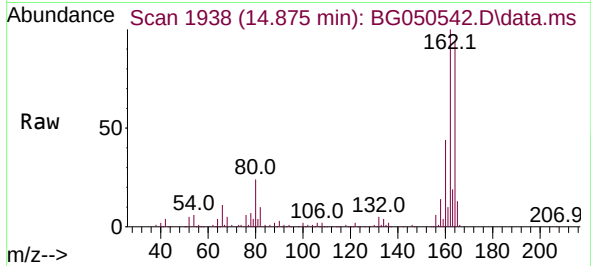




#51
2,6-Dinitrotoluene
Concen: 8.717 ng
RT: 14.875 min Scan# 1938
Delta R.T. 0.430 min
Lab File: BG050542.D
Acq: 11 Oct 2021 19:29

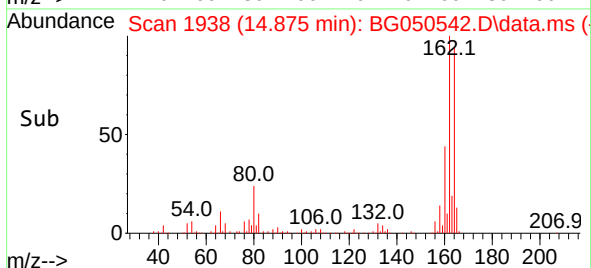
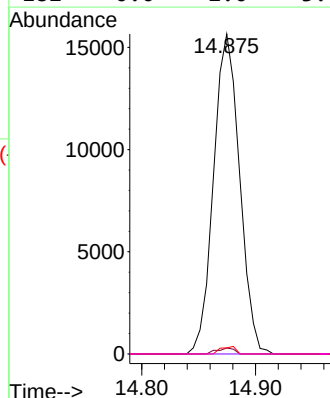
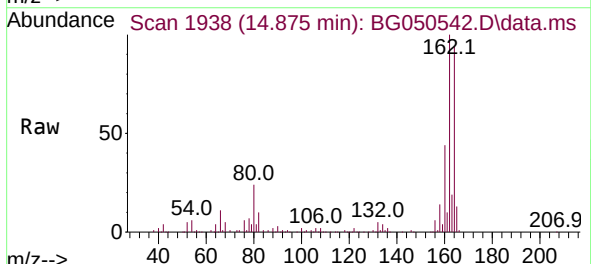
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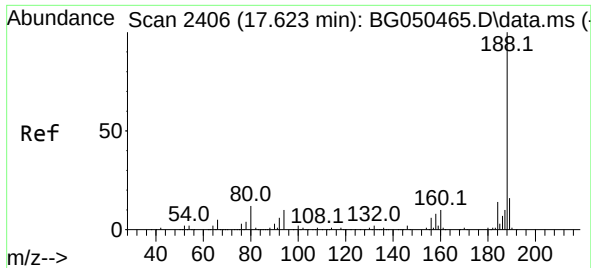
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	63.3	94.9#
89	1.9	63.4	95.0#



#57
2,4-Dinitrotoluene
Concen: 6.184 ng
RT: 14.875 min Scan# 1938
Delta R.T. -0.351 min
Lab File: BG050542.D
Acq: 11 Oct 2021 19:29

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	48.0	72.0#
89	1.9	65.4	98.0#
182	0.0	2.0	3.0#

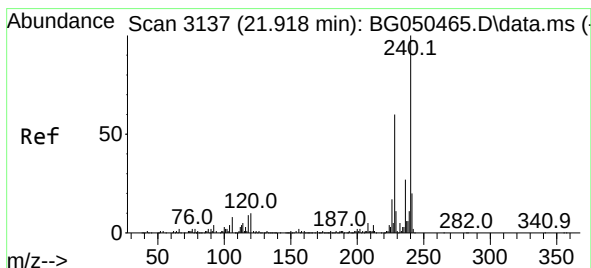
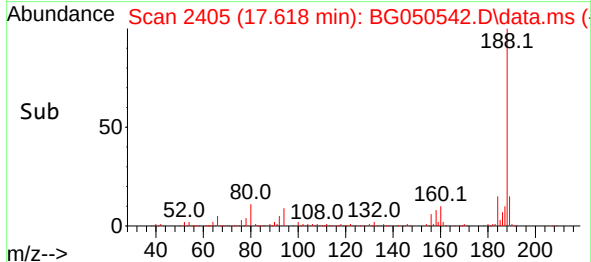
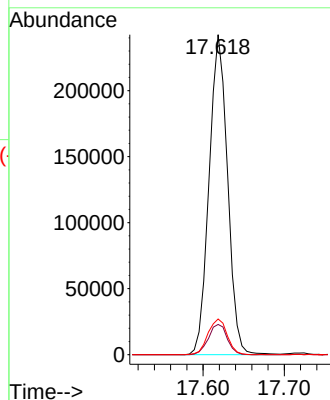
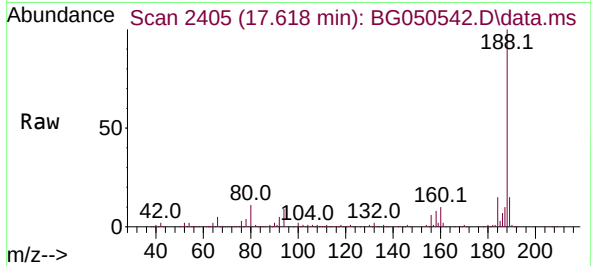




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.618 min Scan# 2405
Delta R.T. -0.005 min
Lab File: BG050542.D
Acq: 11 Oct 2021 19:29

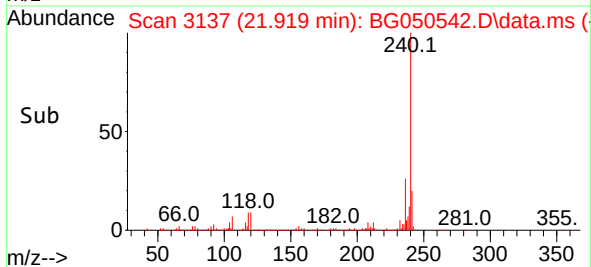
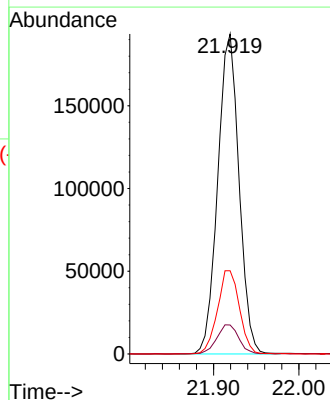
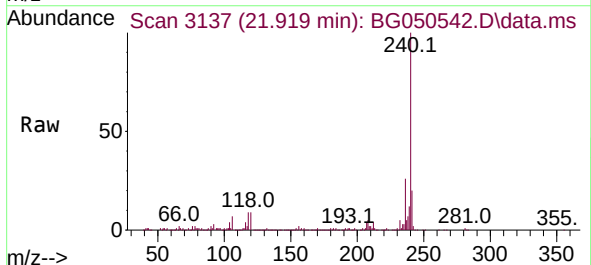
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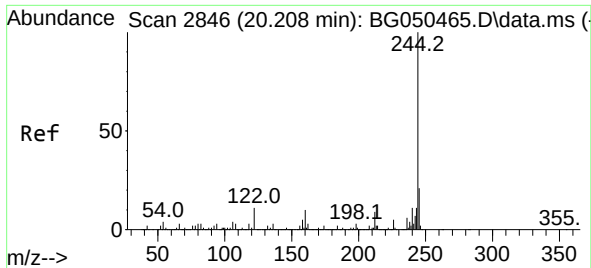
Tgt Ion:188 Resp: 382079
Ion Ratio Lower Upper
188 100
94 9.5 5.4 8.0#
80 11.2 3.7 5.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.919 min Scan# 3137
Delta R.T. 0.001 min
Lab File: BG050542.D
Acq: 11 Oct 2021 19:29

Tgt Ion:240 Resp: 335512
Ion Ratio Lower Upper
240 100
120 9.1 4.2 6.2#
236 26.0 21.8 32.6

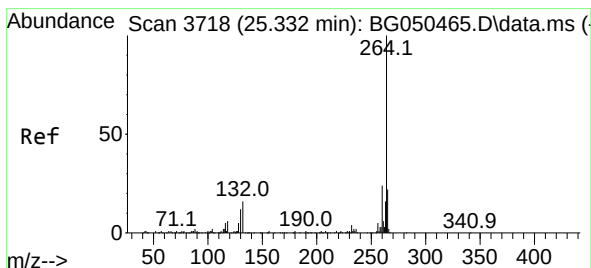
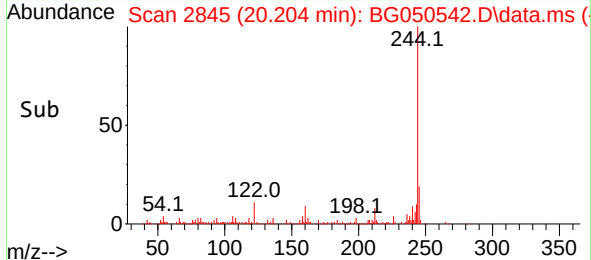
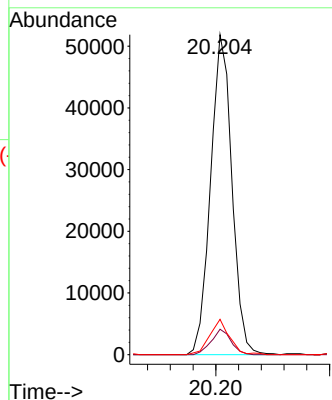
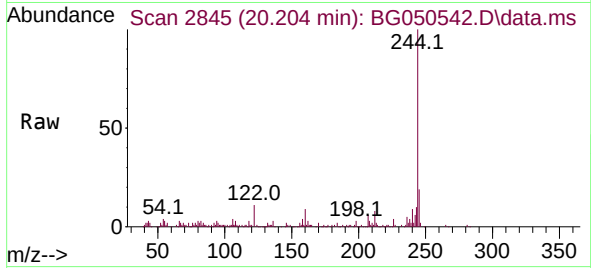




#79
 Terphenyl-d14
 Concen: 3.927 ng
 RT: 20.204 min Scan# 2845
 Delta R.T. -0.005 min
 Lab File: BG050542.D
 Acq: 11 Oct 2021 19:29

Instrument :
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Tgt Ion:244 Resp: 67615
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.9 10.3
 122 11.1 5.0 7.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.333 min Scan# 3718
 Delta R.T. 0.001 min
 Lab File: BG050542.D
 Acq: 11 Oct 2021 19:29

Tgt Ion:264 Resp: 340171
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.4 29.2
 265 22.5 16.9 25.3

