

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122022\
 Data File : BG056031.D
 Acq On : 20 Dec 2022 15:43
 Operator : CG/JU
 Sample : N6107-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 21 02:37:17 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 01:11:10 2022
 Response via : Initial Calibration

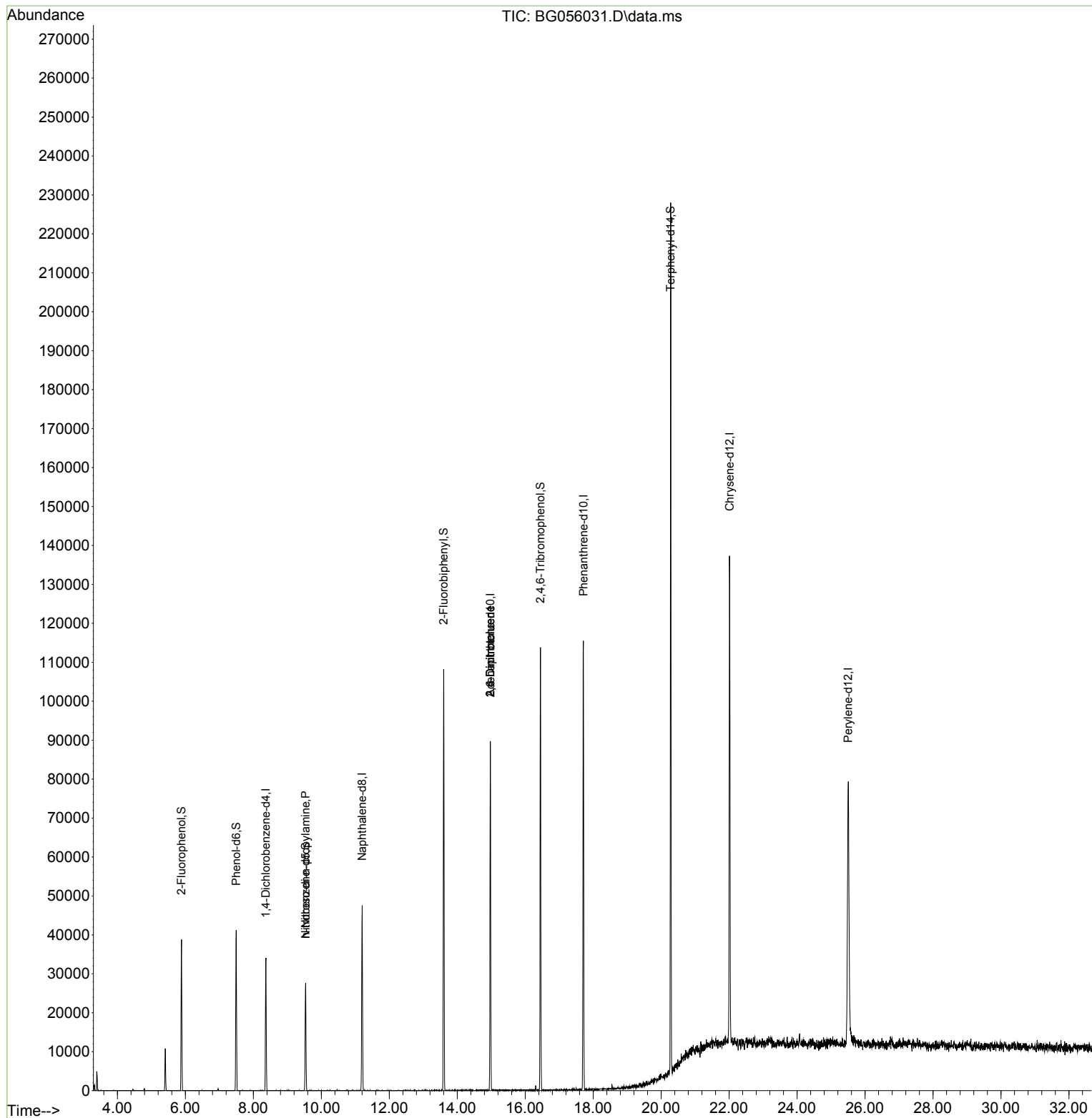
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

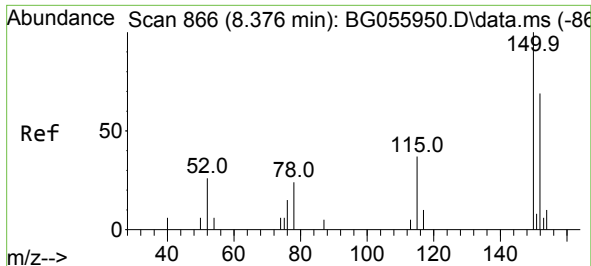
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.363	152	10562	20.000	ng	0.00
21) Naphthalene-d8	11.201	136	41508	20.000	ng	# 0.00
39) Acenaphthene-d10	14.973	164	34153	20.000	ng	0.00
64) Phenanthrene-d10	17.711	188	87663	20.000	ng	# 0.00
76) Chrysene-d12	22.012	240	85842	20.000	ng	0.00
86) Perylene-d12	25.502	264	102830	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.884	112	16076	35.695	ng	0.00
7) Phenol-d6	7.494	99	20137	34.765	ng	0.00
23) Nitrobenzene-d5	9.539	82	15036	25.314	ng	0.00
42) 2,4,6-Tribromophenol	16.448	330	30267	36.753	ng	0.00
45) 2-Fluorobiphenyl	13.598	172	61894	25.417	ng	0.00
79) Terphenyl-d14	20.279	244	123039	25.332	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.539	70	2134	5.140	ng	# 64
51) 2,6-Dinitrotoluene	14.973	165	4404	9.638	ng	# 25
57) 2,4-Dinitrotoluene	14.973	165	4404	6.385	ng	# 35

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

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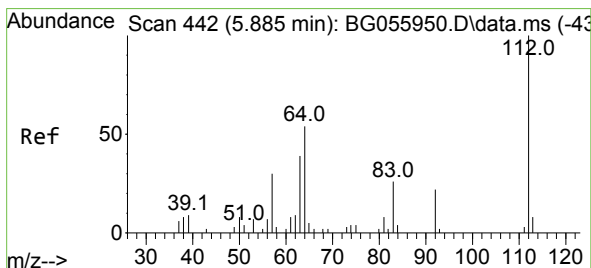
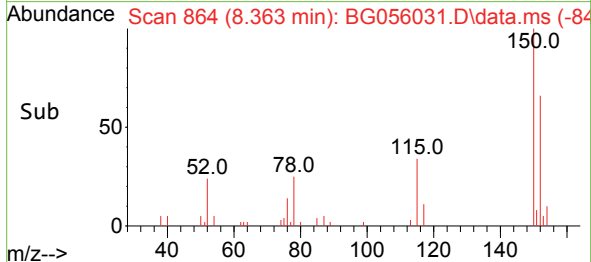
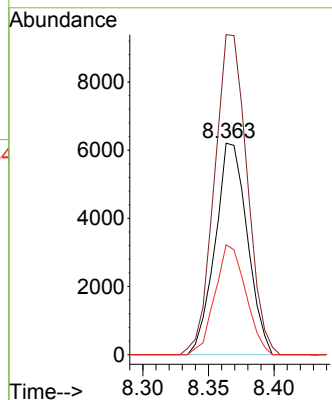
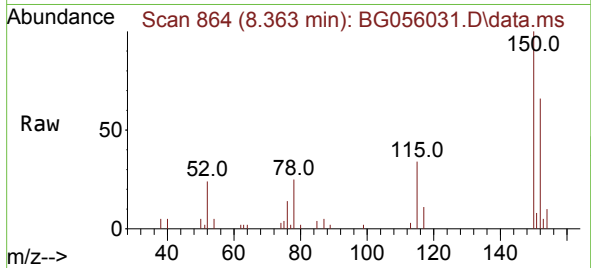
Quant Time: Dec 21 02:37:17 2022
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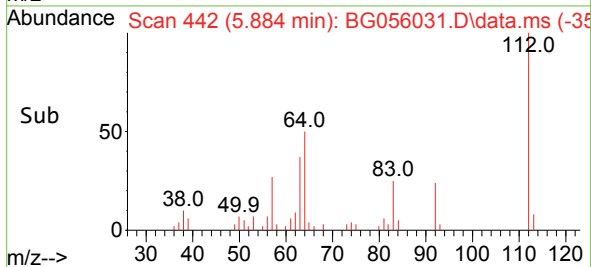
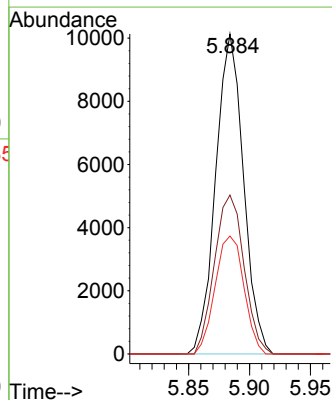
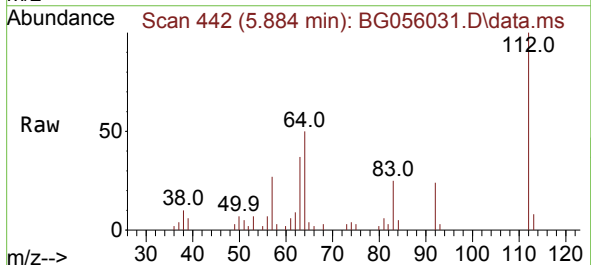
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.363 min Scan# 864
Delta R.T. -0.002 min
Lab File: BG056031.D
Acq: 20 Dec 2022 15:43

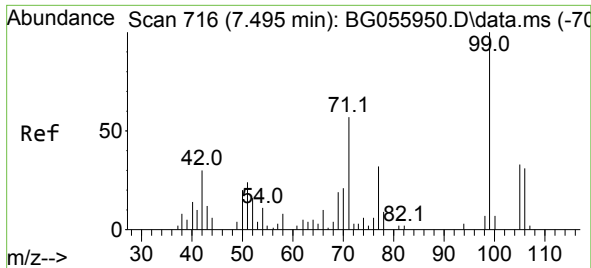
Tgt Ion:152 Resp: 10562
Ion Ratio Lower Upper
152 100
150 151.3 115.7 173.5
115 52.0 43.0 64.4



#5
2-Fluorophenol
Concen: 35.695 ng
RT: 5.884 min Scan# 442
Delta R.T. 0.004 min
Lab File: BG056031.D
Acq: 20 Dec 2022 15:43

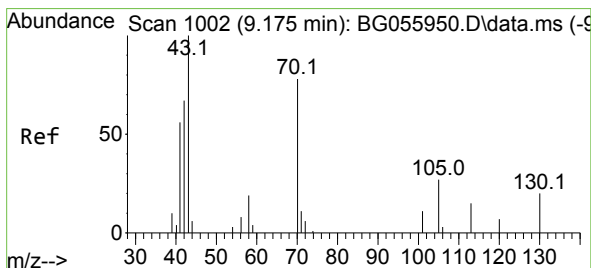
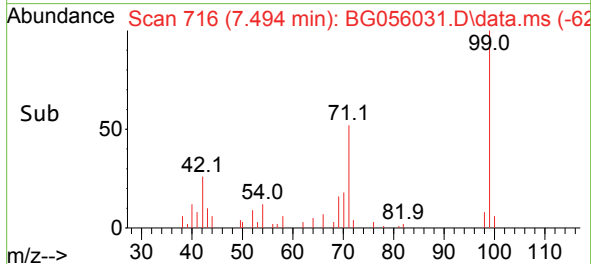
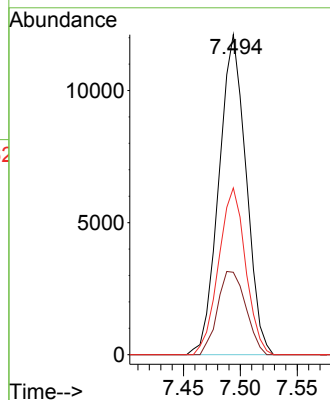
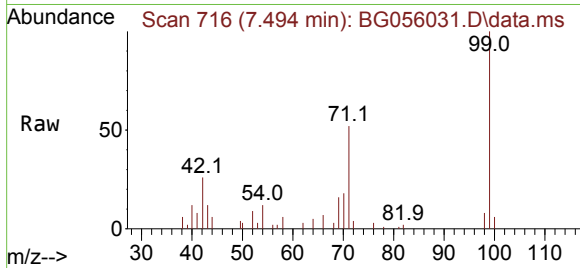
Tgt Ion:112 Resp: 16076
Ion Ratio Lower Upper
112 100
64 49.6 43.0 64.4
63 36.9 31.4 47.2





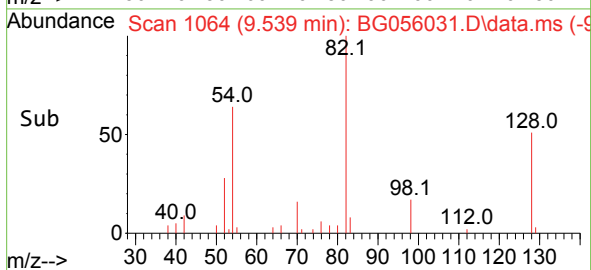
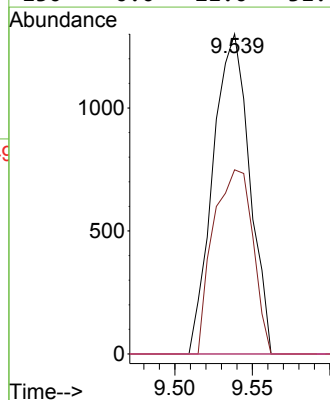
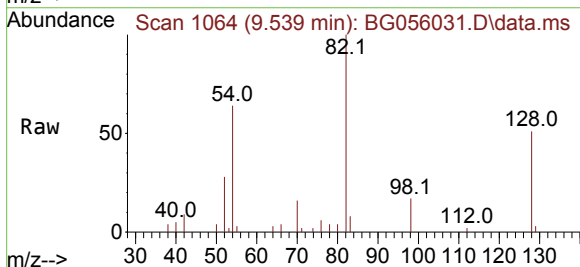
#7
Phenol-d6
Concen: 34.765 ng
RT: 7.494 min Scan# 716
Delta R.T. -0.001 min
Lab File: BG056031.D
Acq: 20 Dec 2022 15:43

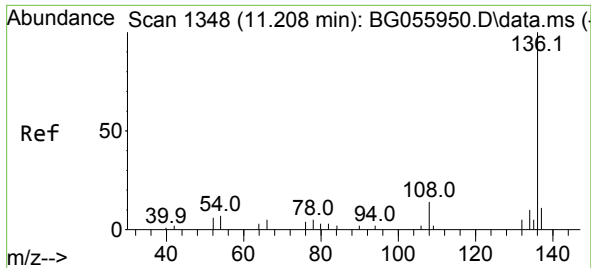
Tgt Ion:	99	Resp:	20137
Ion	Ratio	Lower	Upper
99	100		
42	25.8	24.3	36.5
71	52.1	45.6	68.4



#19
n-Nitroso-di-n-propylamine
Concen: 5.140 ng
RT: 9.539 min Scan# 1064
Delta R.T. 0.369 min
Lab File: BG056031.D
Acq: 20 Dec 2022 15:43

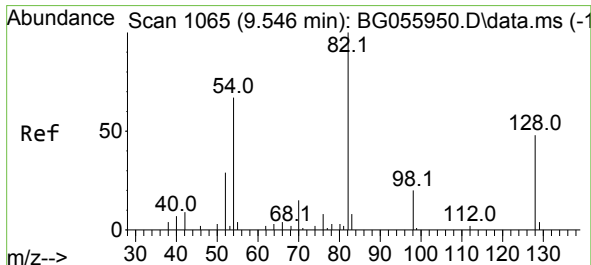
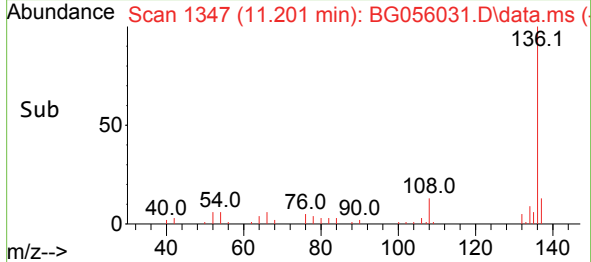
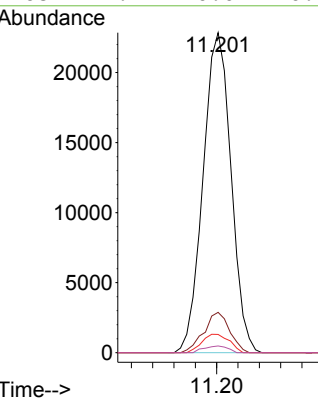
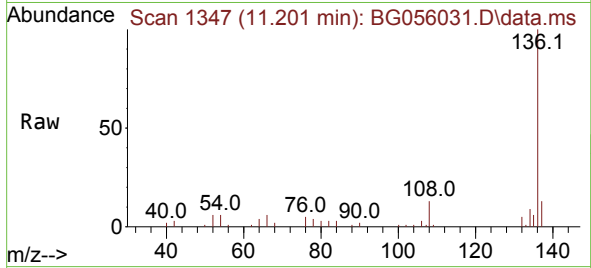
Tgt Ion:	70	Resp:	2134
Ion	Ratio	Lower	Upper
70	100		
42	57.6	69.0	103.4#
101	0.0	11.8	17.8#
130	0.0	21.0	31.4#





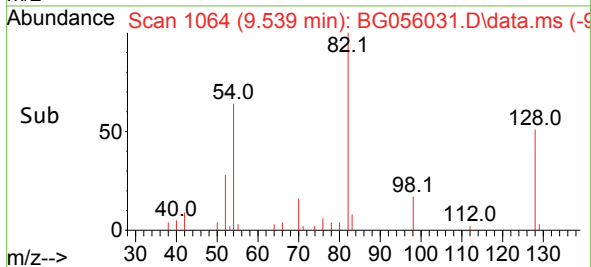
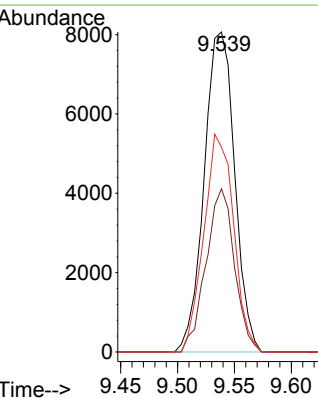
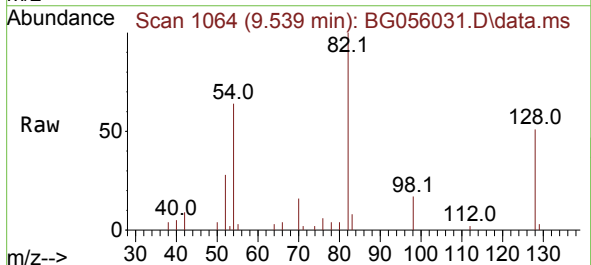
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.201 min Scan# 1347
Delta R.T. 0.004 min
Lab File: BG056031.D
Acq: 20 Dec 2022 15:43

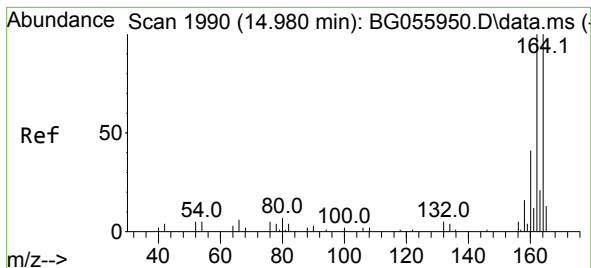
Tgt Ion:	136	Resp:	41508
Ion Ratio	Lower	Upper	
136	100		
137	12.6	9.2	13.8
54	5.7	5.6	8.4
68	2.1	0.0	0.0#



#23
Nitrobenzene-d5
Concen: 25.314 ng
RT: 9.539 min Scan# 1064
Delta R.T. -0.001 min
Lab File: BG056031.D
Acq: 20 Dec 2022 15:43

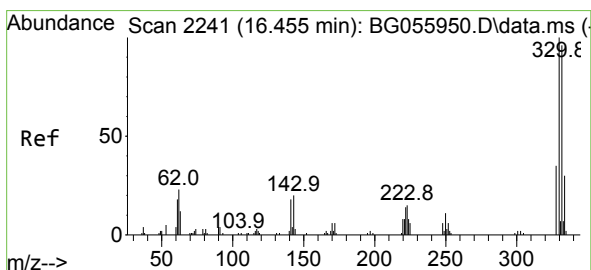
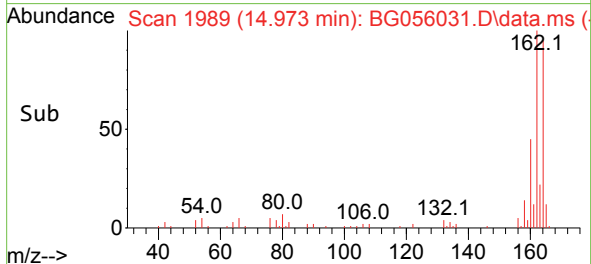
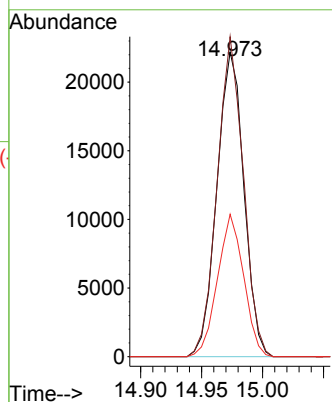
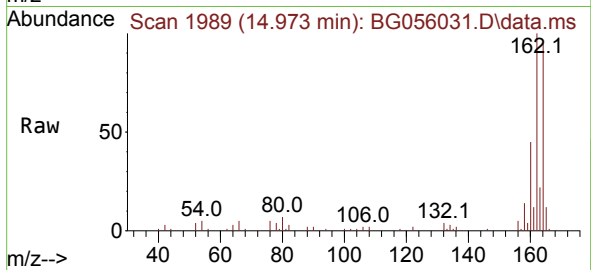
Tgt Ion:	82	Resp:	15036
Ion Ratio	Lower	Upper	
82	100		
128	51.0	38.4	57.6
54	64.0	53.3	79.9





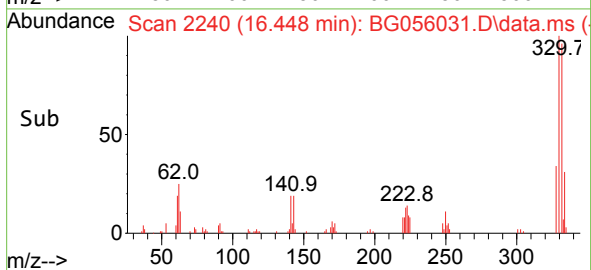
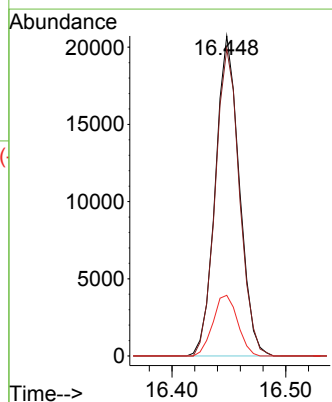
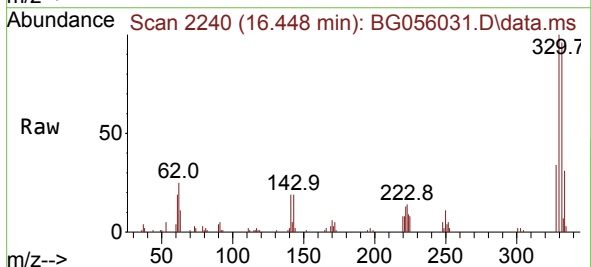
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.973 min Scan# 1989
Delta R.T. -0.001 min
Lab File: BG056031.D
Acq: 20 Dec 2022 15:43

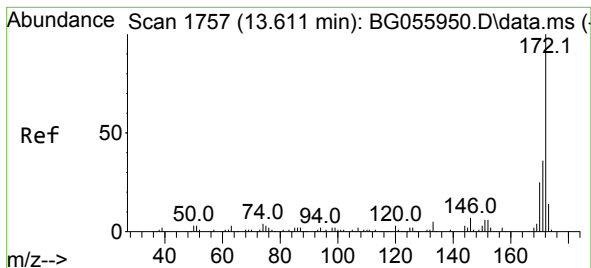
Tgt Ion:164 Resp: 34153
Ion Ratio Lower Upper
164 100
162 105.0 79.8 119.8
160 46.8 33.0 49.4



#42
2,4,6-Tribromophenol
Concen: 36.753 ng
RT: 16.448 min Scan# 2240
Delta R.T. -0.001 min
Lab File: BG056031.D
Acq: 20 Dec 2022 15:43

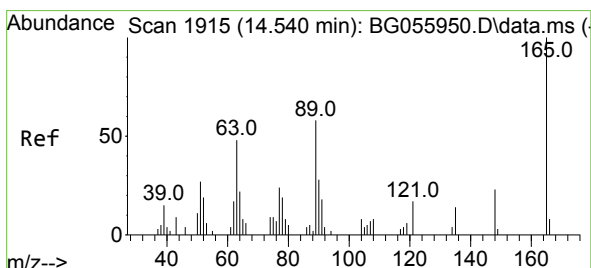
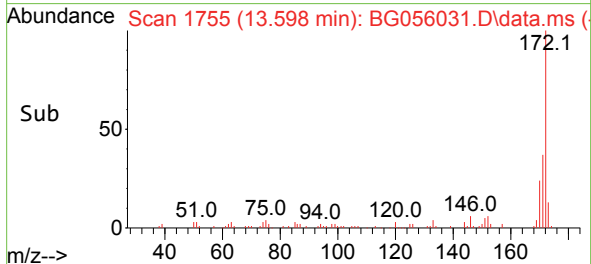
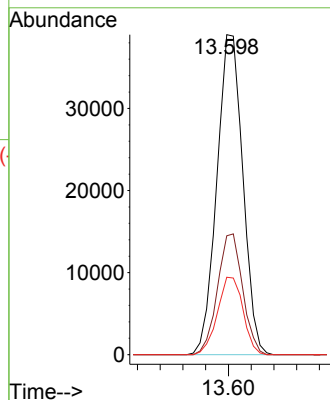
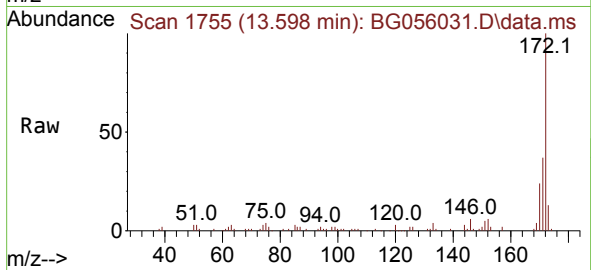
Tgt Ion:330 Resp: 30267
Ion Ratio Lower Upper
330 100
332 97.0 76.6 114.8
141 19.6 15.0 22.4





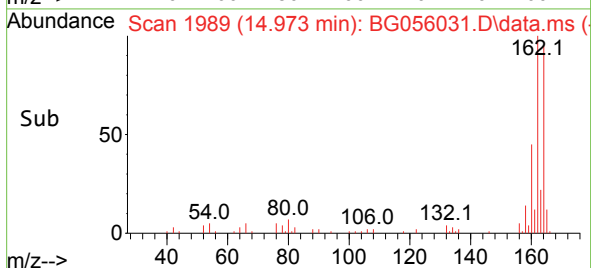
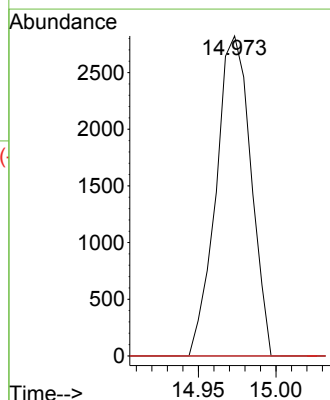
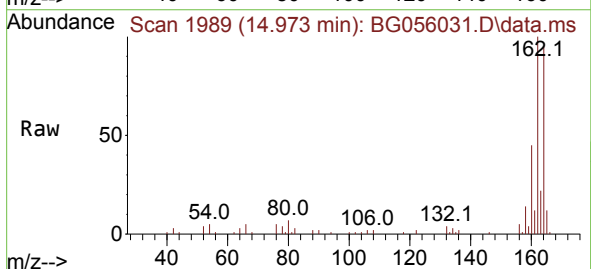
#45
2-Fluorobiphenyl
Concen: 25.417 ng
RT: 13.598 min Scan# 1755
Delta R.T. -0.001 min
Lab File: BG056031.D
Acq: 20 Dec 2022 15:43

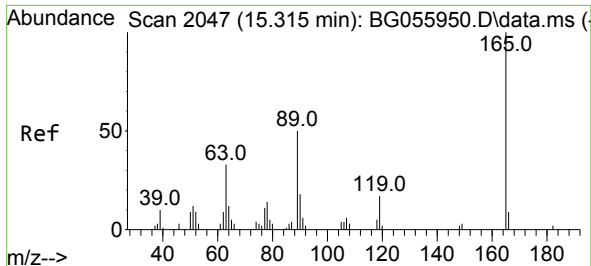
Tgt Ion:172 Resp: 61894
Ion Ratio Lower Upper
172 100
171 37.2 28.6 42.8
170 24.2 19.9 29.9



#51
2,6-Dinitrotoluene
Concen: 9.638 ng
RT: 14.973 min Scan# 1989
Delta R.T. 0.439 min
Lab File: BG056031.D
Acq: 20 Dec 2022 15:43

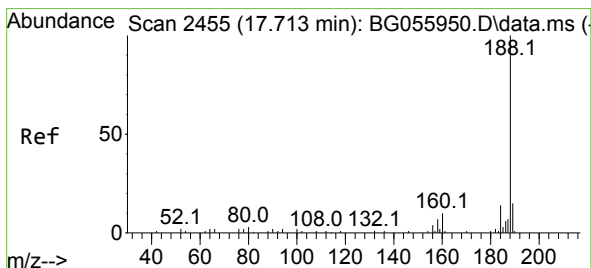
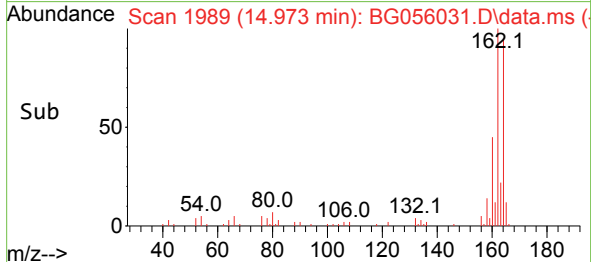
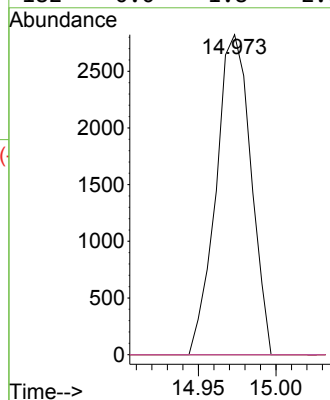
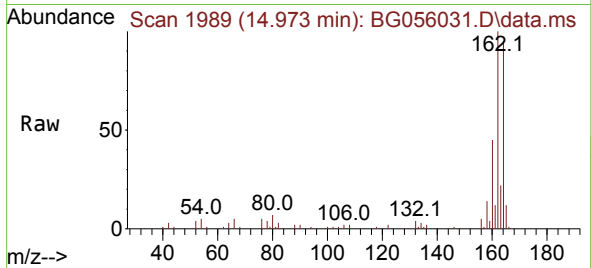
Tgt Ion:165 Resp: 4404
Ion Ratio Lower Upper
165 100
63 0.0 38.3 57.5#
89 0.0 46.3 69.5#





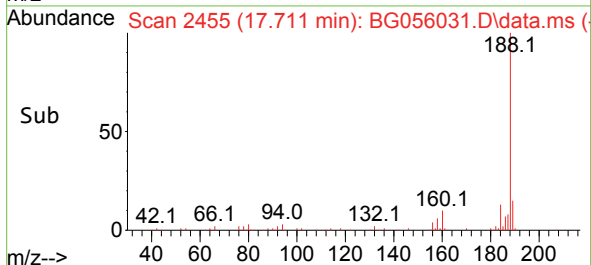
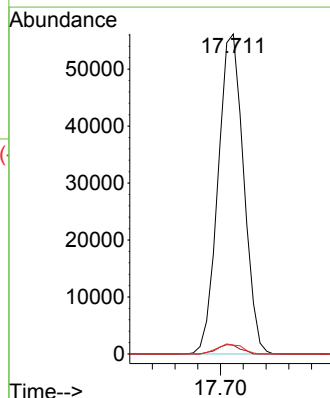
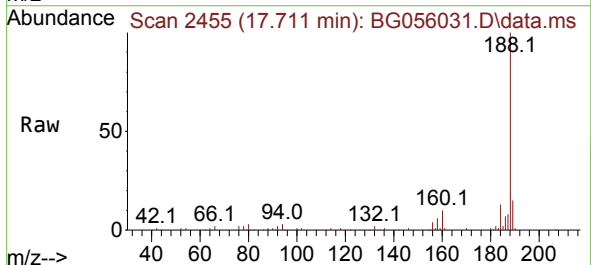
#57
2,4-Dinitrotoluene
Concen: 6.385 ng
RT: 14.973 min Scan# 1989
Delta R.T. -0.342 min
Lab File: BG056031.D
Acq: 20 Dec 2022 15:43

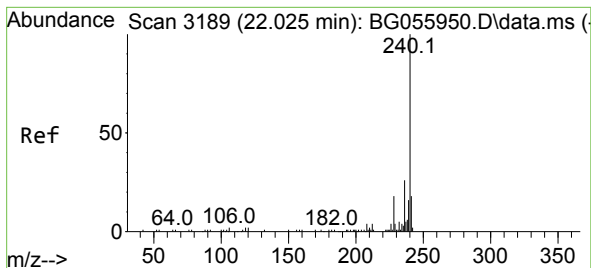
Tgt Ion:165	Resp:	4404
Ion Ratio	Lower	Upper
165	100	
63	0.0	26.6 39.8#
89	0.0	40.1 60.1#
182	0.0	1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.711 min Scan# 2455
Delta R.T. 0.004 min
Lab File: BG056031.D
Acq: 20 Dec 2022 15:43

Tgt Ion:188	Resp:	87663
Ion Ratio	Lower	Upper
188	100	
94	3.1	1.8 2.8#
80	2.7	2.4 3.6





#76

Chrysene-d12

Concen: 20.000 ng

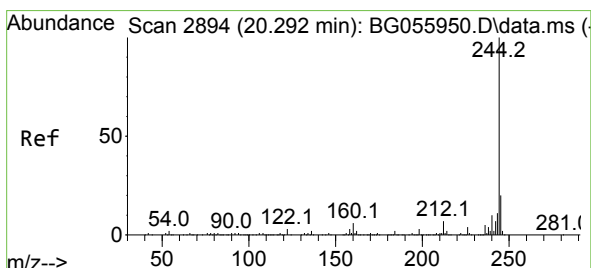
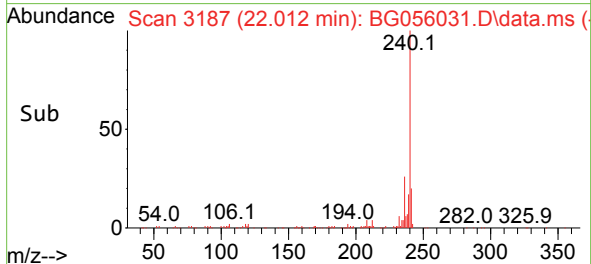
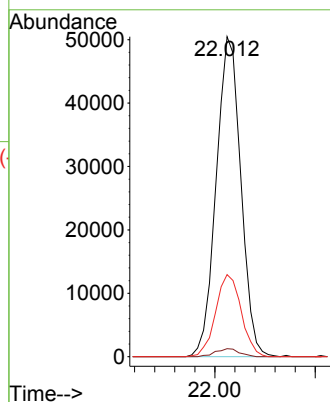
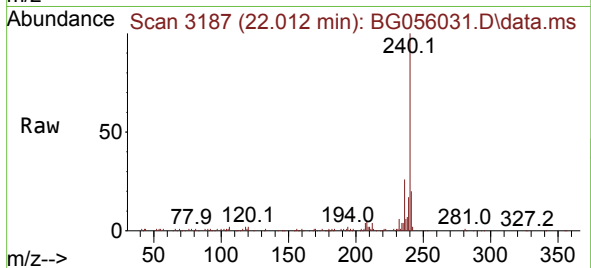
RT: 22.012 min Scan# 3187

Delta R.T. -0.001 min

Lab File: BG056031.D

Acq: 20 Dec 2022 15:43

Tgt Ion:240	Resp:	85842
Ion Ratio	Lower	Upper
240	100	
120	2.5	1.7 2.5
236	25.6	21.1 31.7



#79

Terphenyl-d14

Concen: 25.332 ng

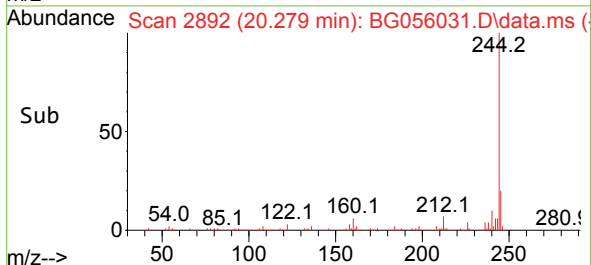
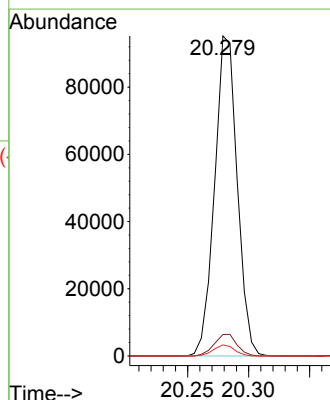
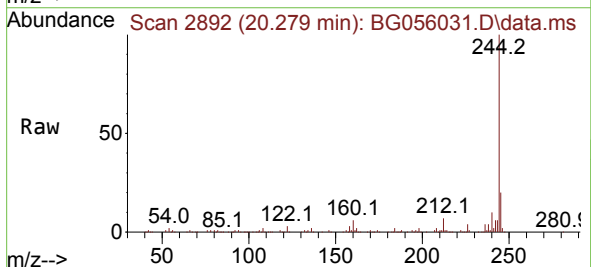
RT: 20.279 min Scan# 2892

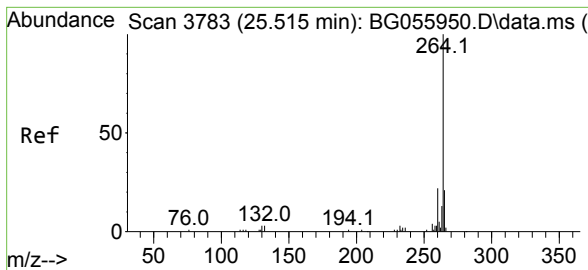
Delta R.T. -0.001 min

Lab File: BG056031.D

Acq: 20 Dec 2022 15:43

Tgt Ion:244	Resp:	123039
Ion Ratio	Lower	Upper
244	100	
212	6.7	5.8 8.6
122	3.5	2.5 3.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.502 min Scan# 3781
Delta R.T. 0.004 min
Lab File: BG056031.D
Acq: 20 Dec 2022 15:43

Tgt Ion:264	Resp:	102830
Ion Ratio	Lower	Upper
264	100	
260	22.7	17.8 26.8
265	20.9	16.6 25.0

