

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102221\
 Data File : BG050704.D
 Acq On : 23 Oct 2021 1:07
 Operator : CG/JU
 Sample : M4298-01 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-102021

Quant Time: Oct 23 02:54:58 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 14 10:56:22 2021
 Response via : Initial Calibration

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

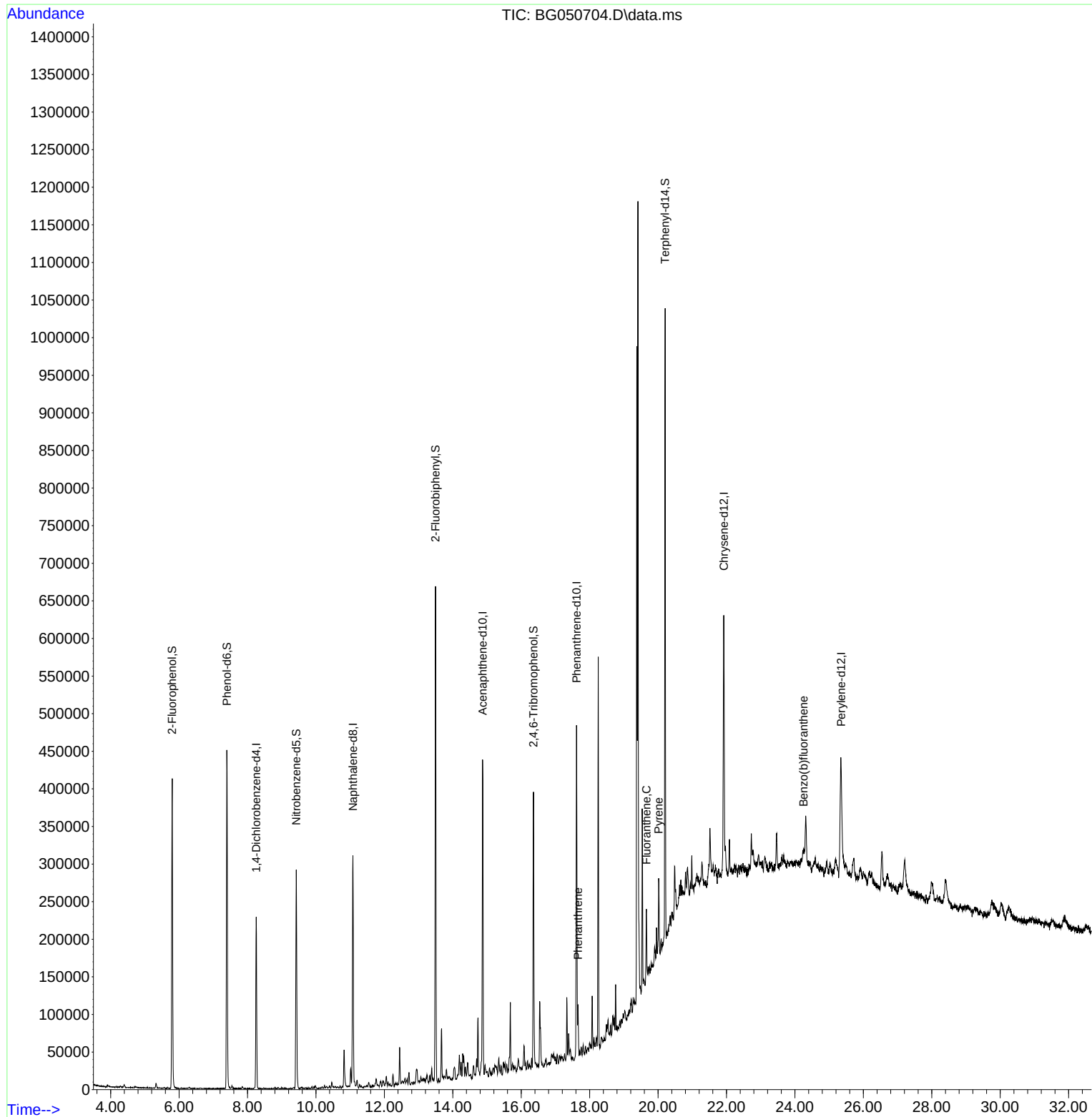
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.255	152	61290	20.000	ng	0.00
21) Naphthalene-d8	11.082	136	254059	20.000	ng	# 0.00
39) Acenaphthene-d10	14.871	164	145811	20.000	ng	0.00
64) Phenanthrene-d10	17.621	188	276021	20.000	ng	# 0.00
76) Chrysene-d12	21.922	240	225246	20.000	ng	# 0.00
86) Perylene-d12	25.353	264	178677	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.800	112	189586	46.261	ng	0.00
7) Phenol-d6	7.398	99	264891	44.644	ng	0.00
23) Nitrobenzene-d5	9.425	82	189779	30.922	ng	0.00
42) 2,4,6-Tribromophenol	16.358	330	57552	41.381	ng	0.00
45) 2-Fluorobiphenyl	13.496	172	324684	33.513	ng	0.00
79) Terphenyl-d14	20.206	244	375300	32.471	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.662	178	36727	2.525	ng	99
75) Fluoranthene	19.660	202	59044	3.302	ng	96
78) Pyrene	20.018	202	62265	3.896	ng	95
88) Benzo(b)fluoranthene	24.248	252	22866	2.090	ng	# 34

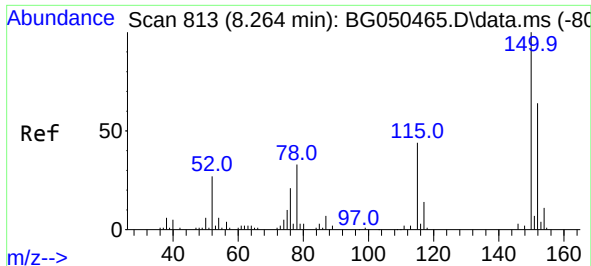
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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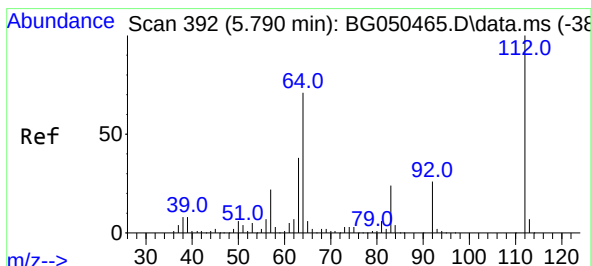
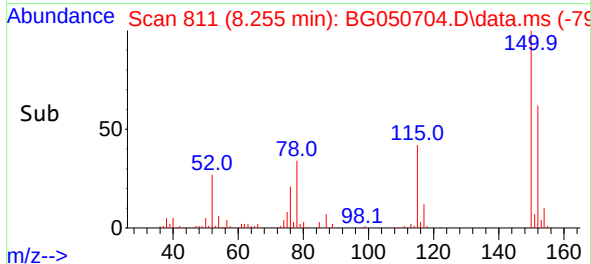
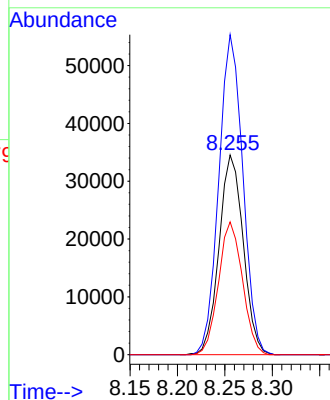
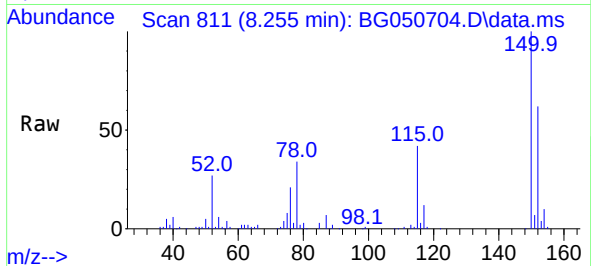




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.255 min Scan# 811
Delta R.T. -0.003 min
Lab File: BG050704.D
Acq: 23 Oct 2021 1:07

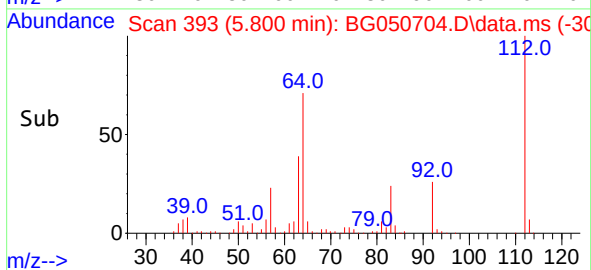
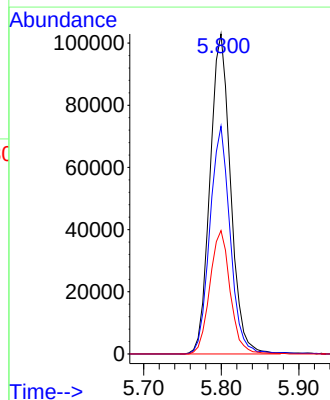
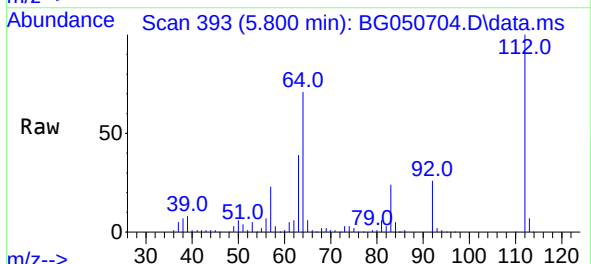
Instrument :
BNA_G
ClientSampleId :
NB-08-102021

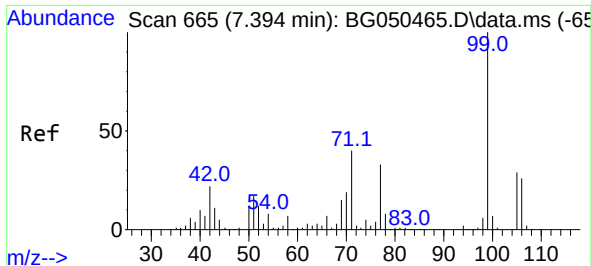
Tgt Ion:152 Resp: 61290
Ion Ratio Lower Upper
152 100
150 160.3 119.4 179.0
115 66.5 60.2 90.4



#5
2-Fluorophenol
Concen: 46.261 ng
RT: 5.800 min Scan# 393
Delta R.T. 0.009 min
Lab File: BG050704.D
Acq: 23 Oct 2021 1:07

Tgt Ion:112 Resp: 189586
Ion Ratio Lower Upper
112 100
64 71.2 46.7 70.1#
63 38.5 35.3 52.9

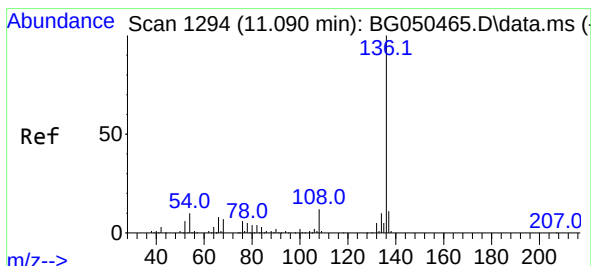
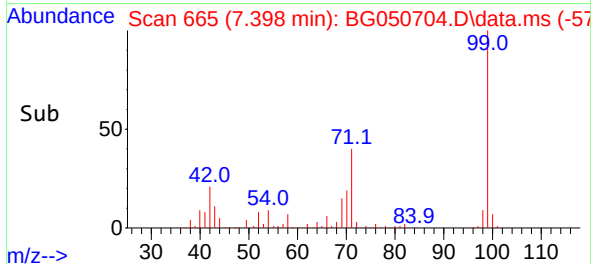
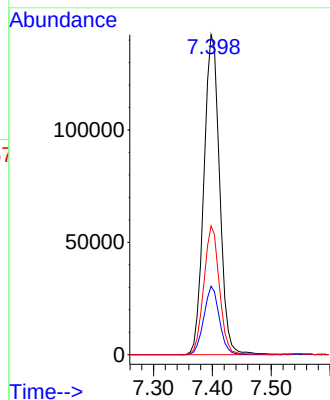
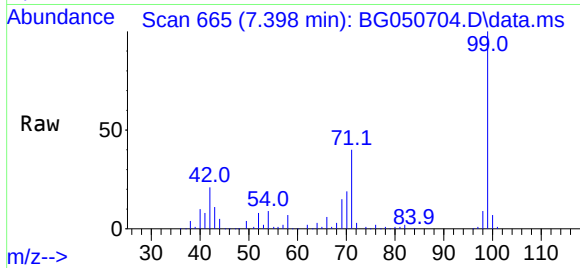




#7
Phenol-d6
Concen: 44.644 ng
RT: 7.398 min Scan# 665
Delta R.T. -0.003 min
Lab File: BG050704.D
Acq: 23 Oct 2021 1:07

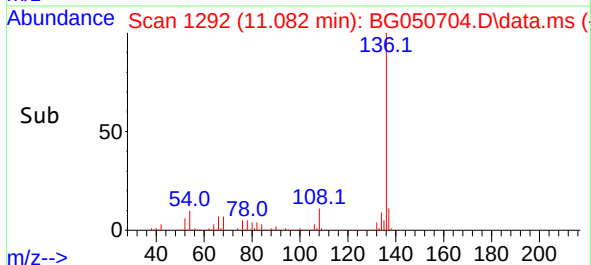
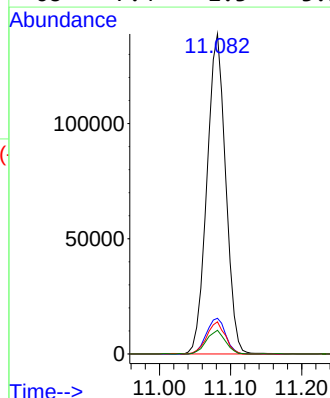
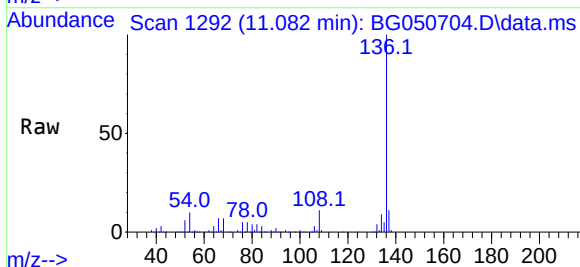
Instrument :
BNA_G
ClientSampleId :
NB-08-102021

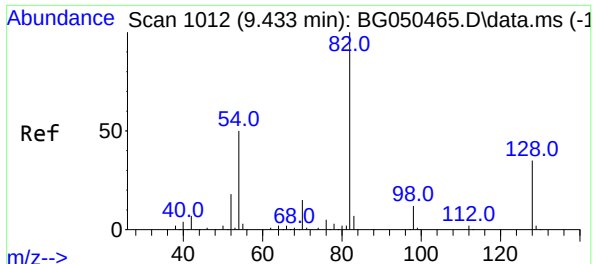
Tgt Ion: 99 Resp: 264891
Ion Ratio Lower Upper
99 100
42 21.4 20.5 30.7
71 40.3 41.5 62.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.082 min Scan# 1292
Delta R.T. -0.003 min
Lab File: BG050704.D
Acq: 23 Oct 2021 1:07

Tgt Ion: 136 Resp: 254059
Ion Ratio Lower Upper
136 100
137 11.1 8.2 12.2
54 10.1 5.5 8.3#
68 7.4 2.3 3.5#

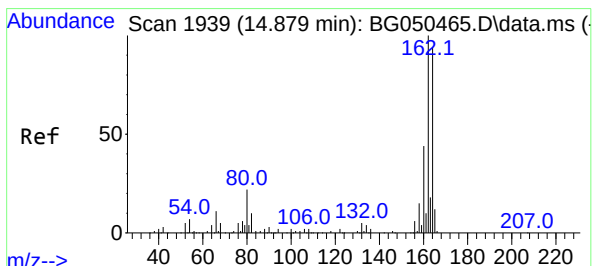
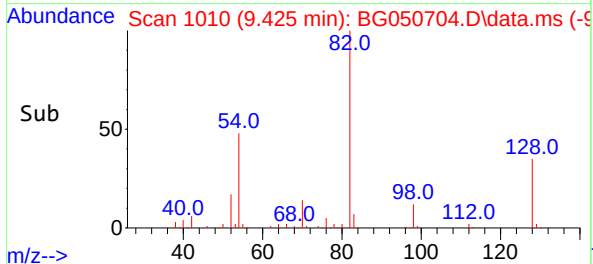
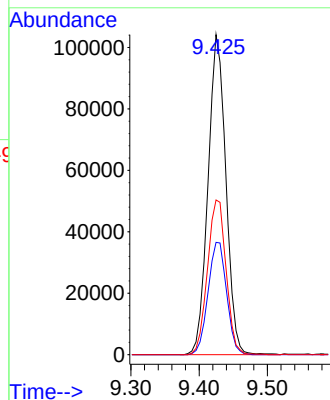
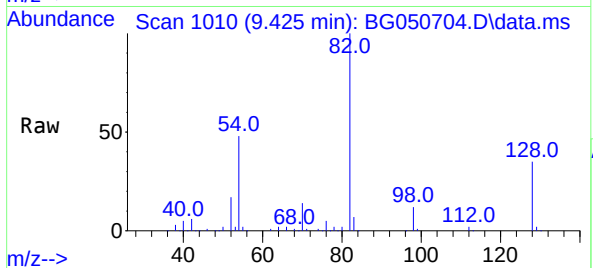




#23
Nitrobenzene-d5
Concen: 30.922 ng
RT: 9.425 min Scan# 1010
Delta R.T. -0.003 min
Lab File: BG050704.D
Acq: 23 Oct 2021 1:07

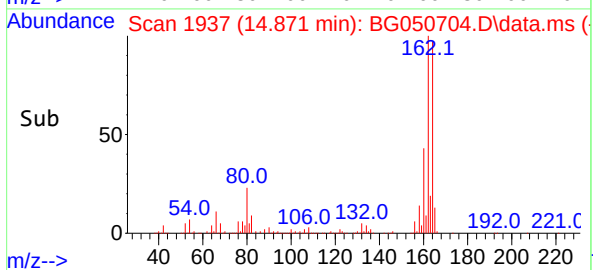
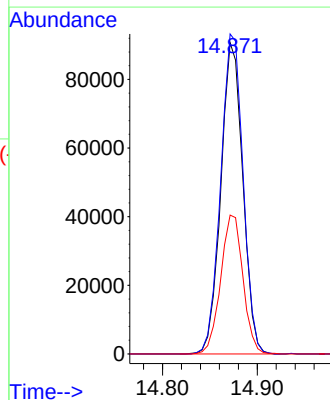
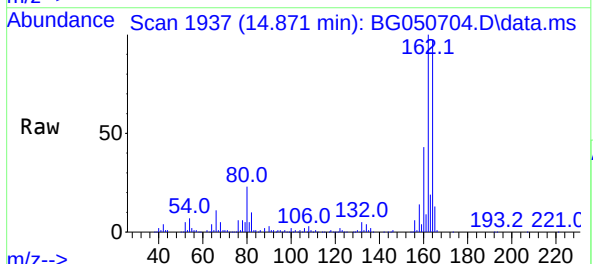
Instrument :
BNA_G
ClientSampleId :
NB-08-102021

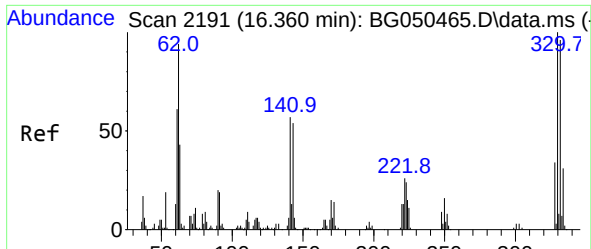
Tgt Ion: 82 Resp: 189779
Ion Ratio Lower Upper
82 100
128 35.1 29.8 44.6
54 48.3 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.871 min Scan# 1937
Delta R.T. -0.003 min
Lab File: BG050704.D
Acq: 23 Oct 2021 1:07

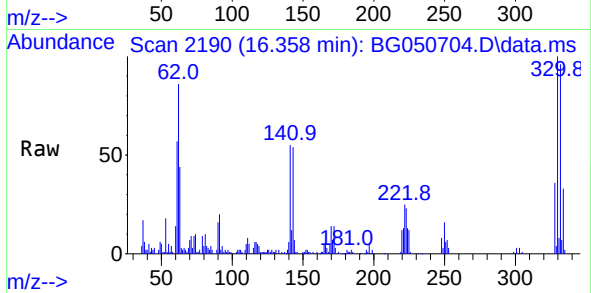
Tgt Ion:164 Resp: 145811
Ion Ratio Lower Upper
164 100
162 102.8 81.4 122.0
160 44.6 34.9 52.3



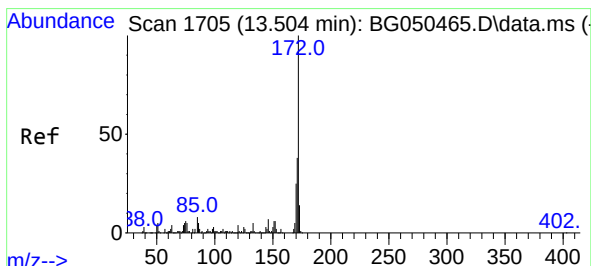
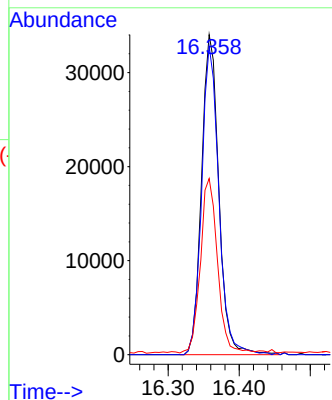
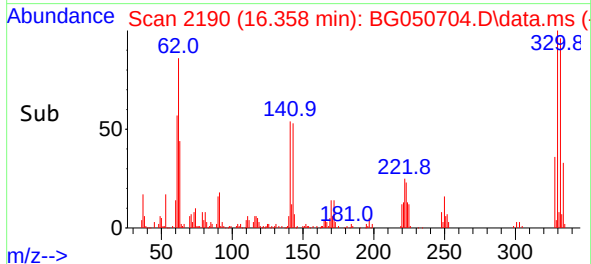


#42
2,4,6-Tribromophenol
Concen: 41.381 ng
RT: 16.358 min Scan# 2190
Delta R.T. -0.003 min
Lab File: BG050704.D
Acq: 23 Oct 2021 1:07

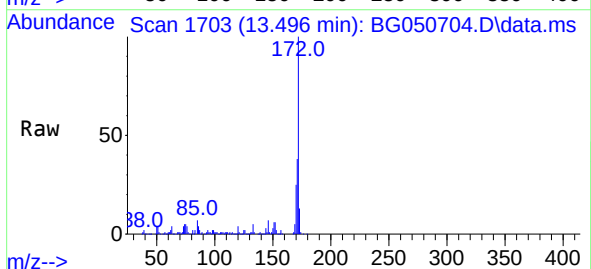
Instrument :
BNA_G
ClientSampleId :
NB-08-102021



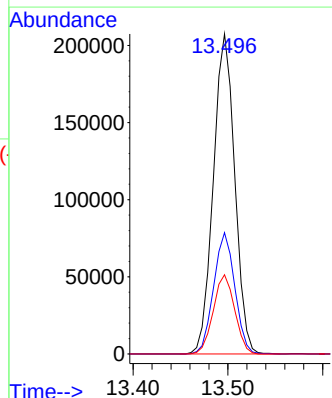
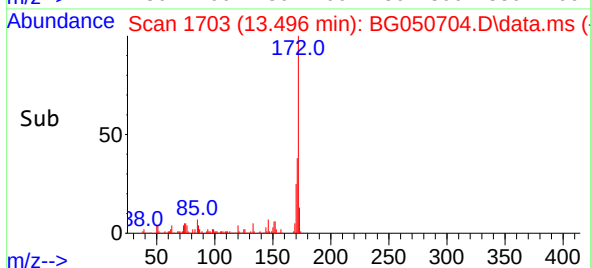
Tgt Ion:330 Resp: 57552
Ion Ratio Lower Upper
330 100
332 96.1 77.3 115.9
141 53.8 35.6 53.4#

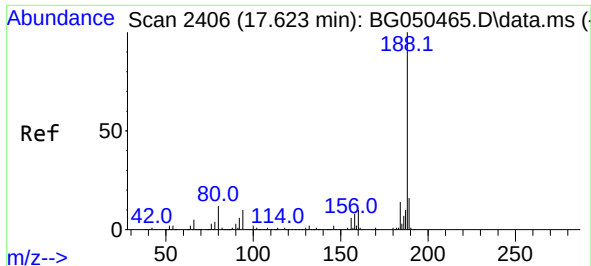


#45
2-Fluorobiphenyl
Concen: 33.513 ng
RT: 13.496 min Scan# 1703
Delta R.T. -0.009 min
Lab File: BG050704.D
Acq: 23 Oct 2021 1:07



Tgt Ion:172 Resp: 324684
Ion Ratio Lower Upper
172 100
171 37.9 28.6 43.0
170 24.8 18.6 27.8

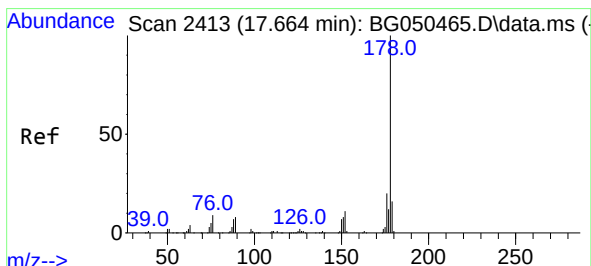
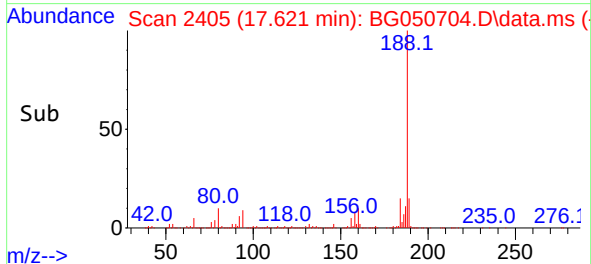
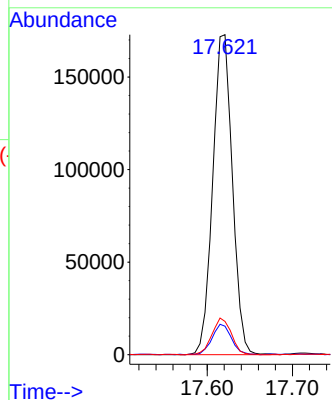
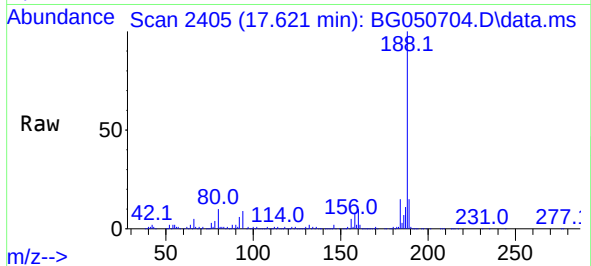




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.621 min Scan# 2405
Delta R.T. 0.003 min
Lab File: BG050704.D
Acq: 23 Oct 2021 1:07

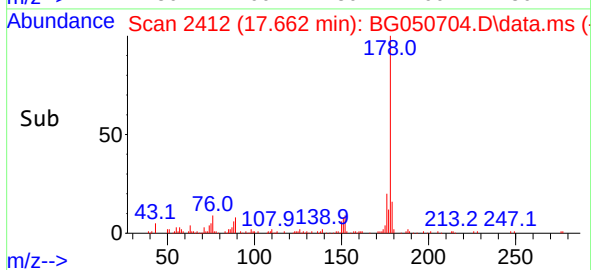
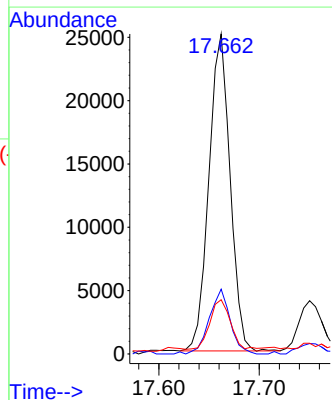
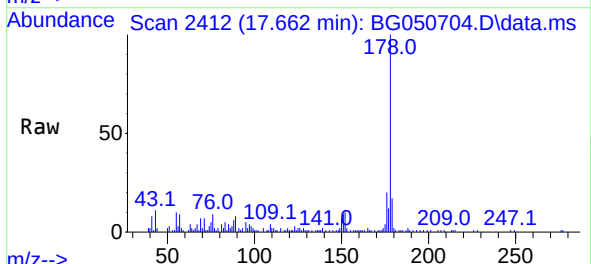
Instrument :
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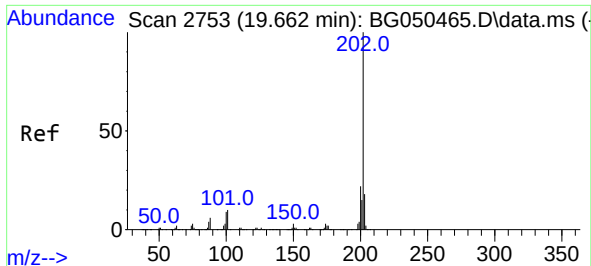
Tgt Ion:188 Resp: 276021
Ion Ratio Lower Upper
188 100
94 8.9 5.4 8.0#
80 10.4 3.7 5.5#



#71
Phenanthrene
Concen: 2.525 ng
RT: 17.662 min Scan# 2412
Delta R.T. -0.003 min
Lab File: BG050704.D
Acq: 23 Oct 2021 1:07

Tgt Ion:178 Resp: 36727
Ion Ratio Lower Upper
178 100
176 20.2 16.0 24.0
179 16.9 14.2 21.4

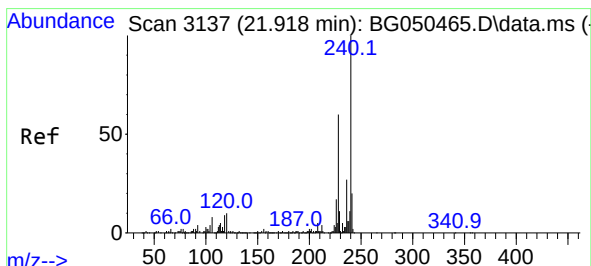
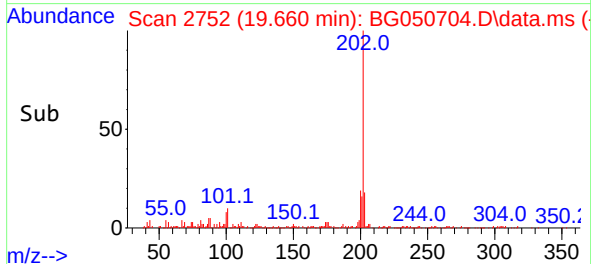
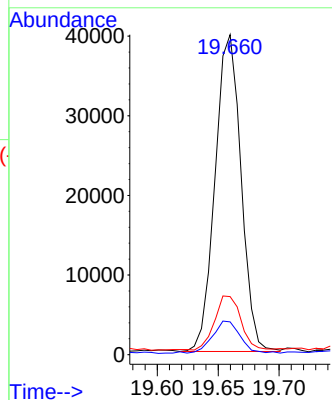
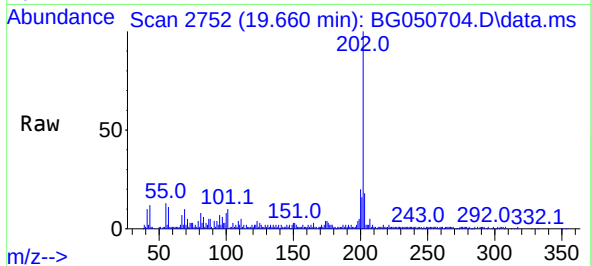




#75
Fluoranthene
Concen: 3.302 ng
RT: 19.660 min Scan# 2752
Delta R.T. -0.003 min
Lab File: BG050704.D
Acq: 23 Oct 2021 1:07

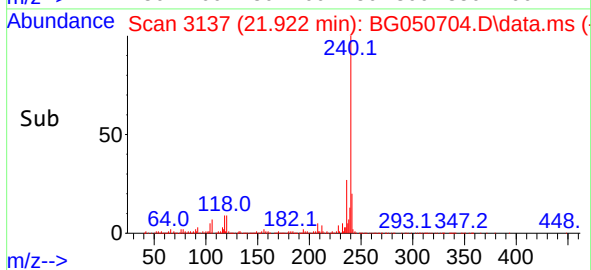
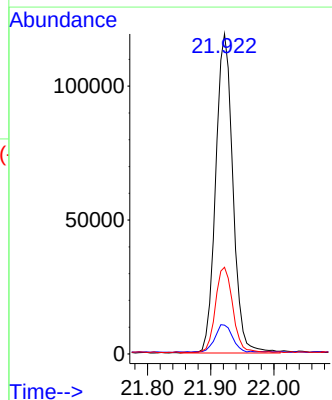
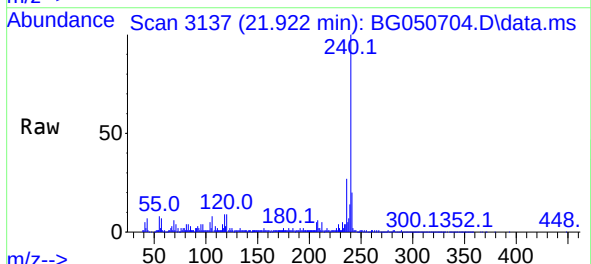
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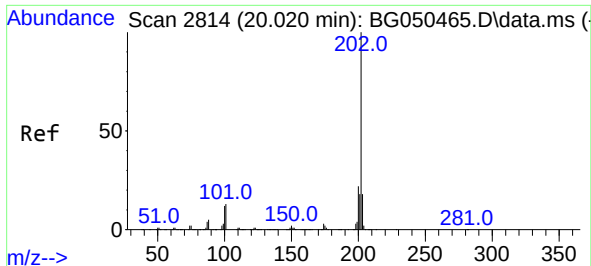
Tgt Ion:202	Resp:	59044
Ion Ratio	Lower	Upper
202	100	
101	10.2	0.0 24.7
203	18.1	0.0 38.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.922 min Scan# 3137
Delta R.T. -0.003 min
Lab File: BG050704.D
Acq: 23 Oct 2021 1:07

Tgt Ion:240	Resp:	225246
Ion Ratio	Lower	Upper
240	100	
120	9.0	4.2 6.2#
236	27.1	21.8 32.6

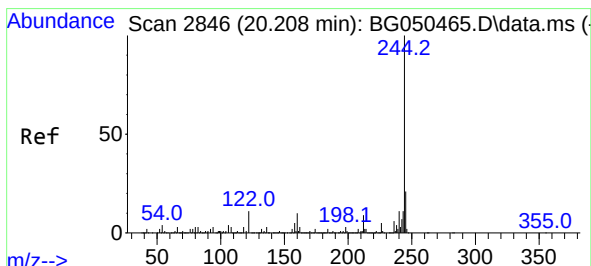
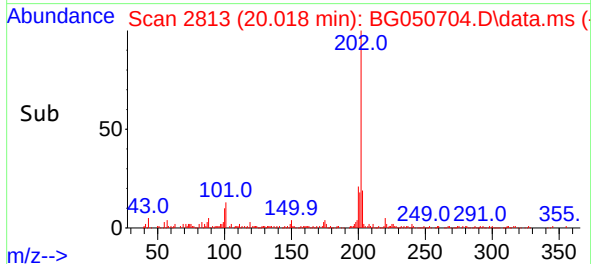
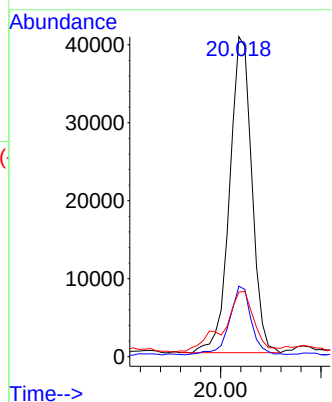
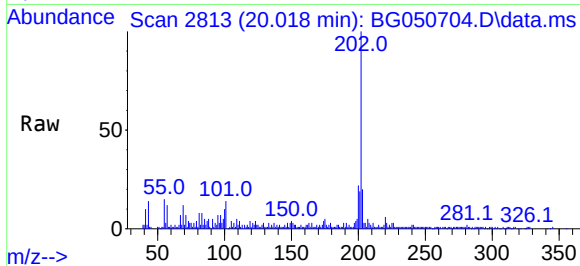




#78
Pyrene
Concen: 3.896 ng
RT: 20.018 min Scan# 2813
Delta R.T. -0.003 min
Lab File: BG050704.D
Acq: 23 Oct 2021 1:07

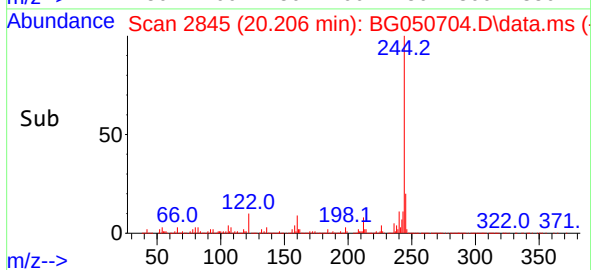
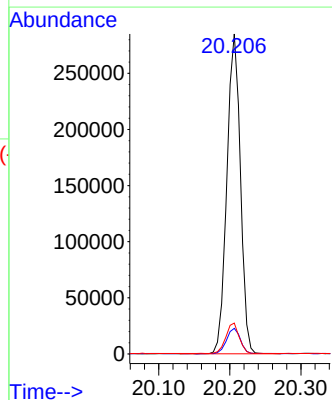
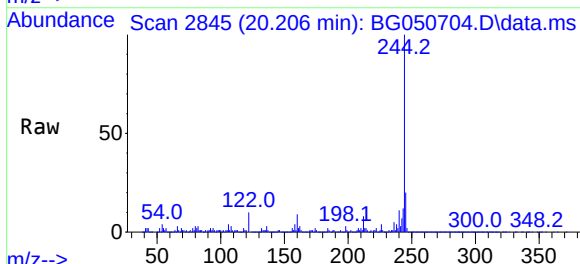
Instrument :
BNA_G
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NB-08-102021

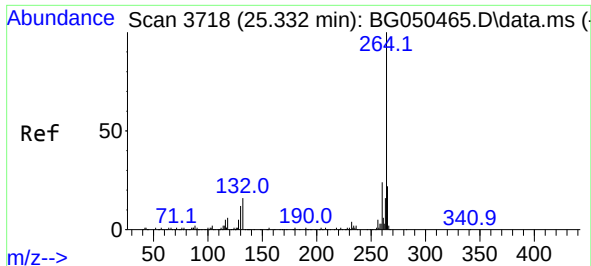
Tgt Ion:	202	Resp:	62265
Ion Ratio	Lower	Upper	
202	100		
200	22.1	15.8	23.8
203	20.2	14.6	21.8



#79
Terphenyl-d14
Concen: 32.471 ng
RT: 20.206 min Scan# 2845
Delta R.T. -0.003 min
Lab File: BG050704.D
Acq: 23 Oct 2021 1:07

Tgt Ion:	244	Resp:	375300
Ion Ratio	Lower	Upper	
244	100		
212	8.0	6.9	10.3
122	9.7	5.0	7.6#



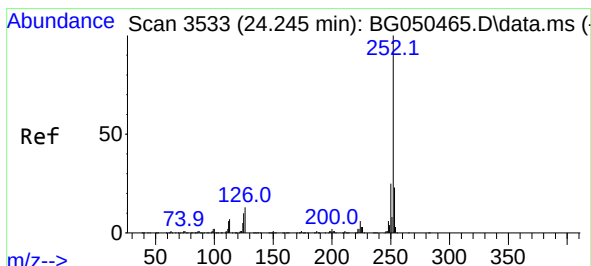
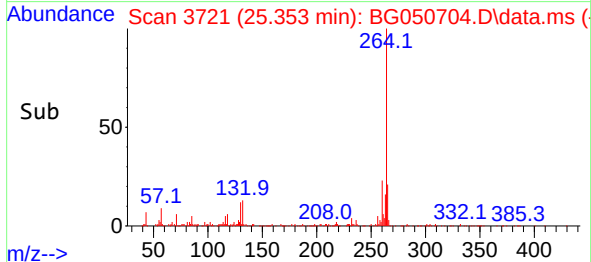
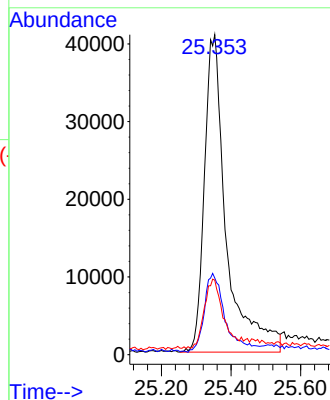
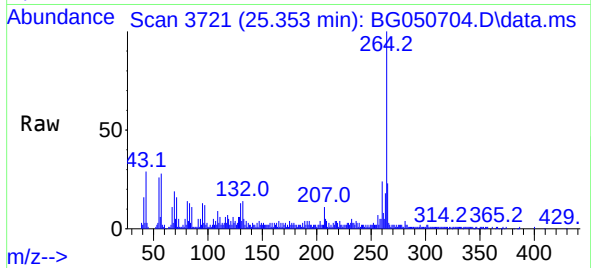


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.353 min Scan# 3721
Delta R.T. 0.021 min
Lab File: BG050704.D
Acq: 23 Oct 2021 1:07

Instrument :
BNA_G
ClientSampleId :
NB-08-102021

Tgt Ion:264 Resp: 178677

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	23.3	16.9	25.3



#88
Benzo(b)fluoranthene
Concen: 2.090 ng
RT: 24.248 min Scan# 3533
Delta R.T. 0.003 min
Lab File: BG050704.D
Acq: 23 Oct 2021 1:07

Tgt Ion:252 Resp: 22866

Ion	Ratio	Lower	Upper
252	100		
253	48.7	16.2	24.4#
125	34.4	3.0	4.4#

