

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100821\
 Data File : BG050520.D
 Acq On : 8 Oct 2021 22:24
 Operator : CG/JU
 Sample : M4072-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 2

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-207

Quant Time: Oct 09 01:27:44 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)

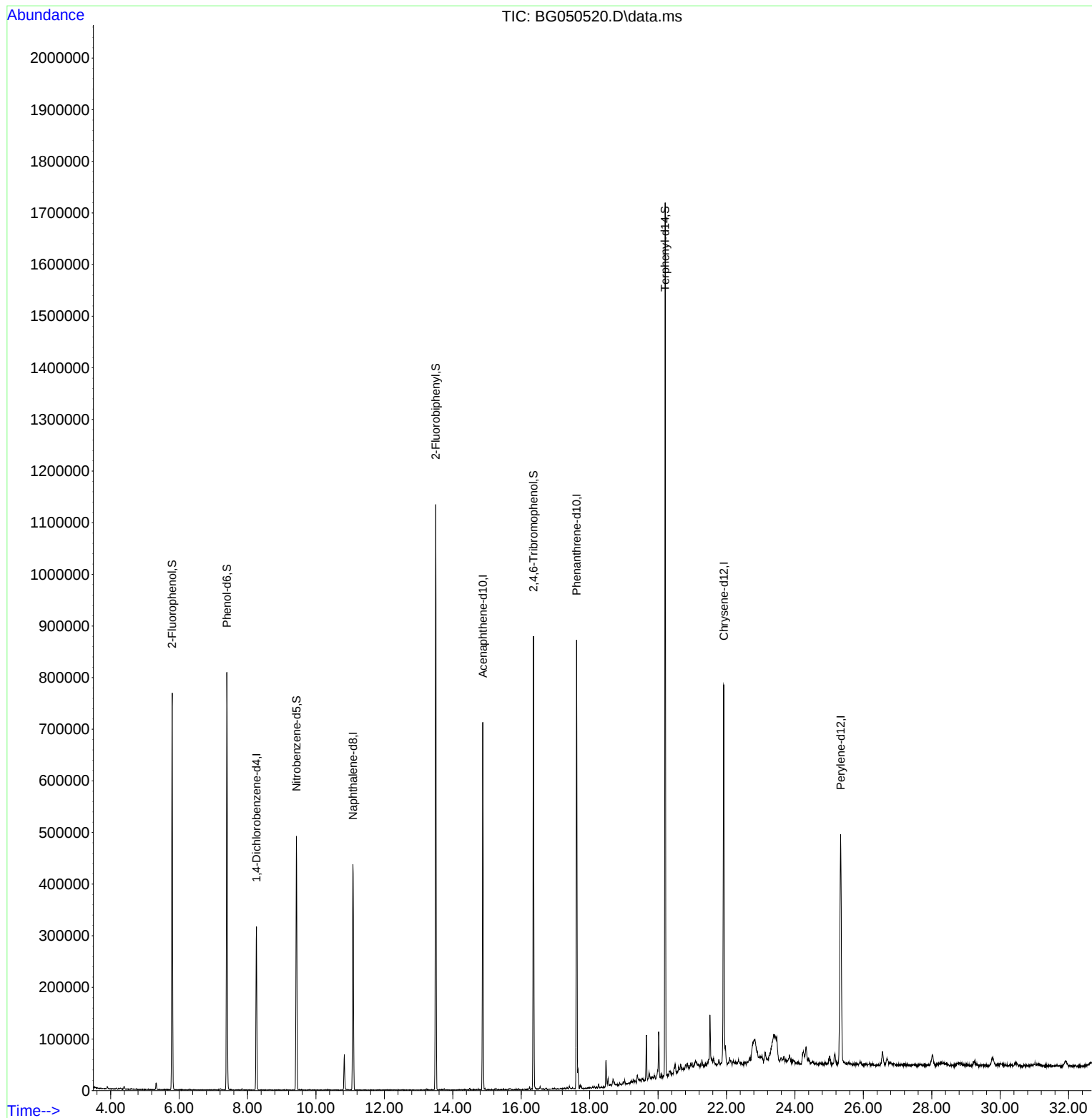
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.261	152	82520	40.00	ng	0.00
21) Naphthalene-d8	11.081	136	354004	40.00	ng	# 0.00
39) Acenaphthene-d10	14.877	164	243423	40.00	ng	0.00
64) Phenanthrene-d10	17.621	188	516527	40.00	ng	# 0.00
76) Chrysene-d12	21.922	240	447941	40.00	ng	# 0.00
86) Perylene-d12	25.335	264	441601	40.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.799	112	317027	114.91	ng	0.00
7) Phenol-d6	7.397	99	438285	109.73	ng	0.00
23) Nitrobenzene-d5	9.430	82	317033	74.15	ng	0.00
42) 2,4,6-Tribromophenol	16.357	330	120598	103.88	ng	0.00
45) 2-Fluorobiphenyl	13.502	172	553480	68.44	ng	0.00
79) Terphenyl-d14	20.206	244	757674	65.93	ng	0.00
Target Compounds						
75) Fluoranthene	19.659	202	55128	3.30	ng	Qvalue 93
78) Pyrene	20.018	202	55118	3.47	ng	97
88) Benzo(b)fluoranthene	24.242	252	30287	2.24	ng	# 92

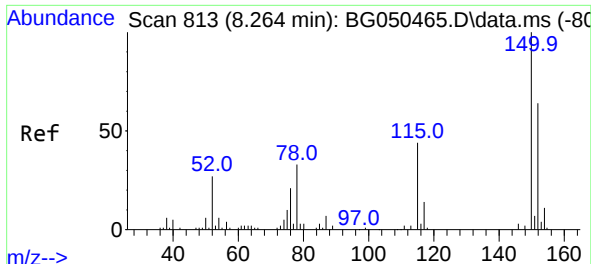
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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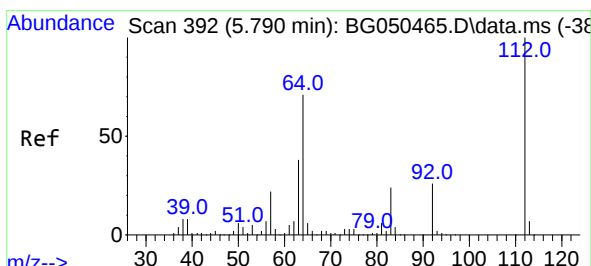
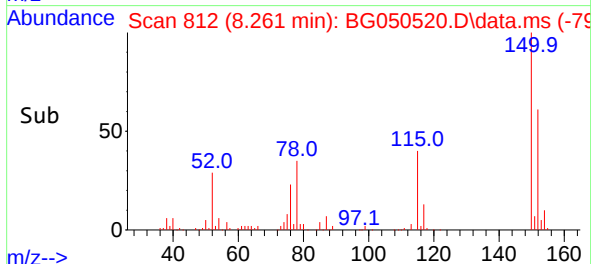
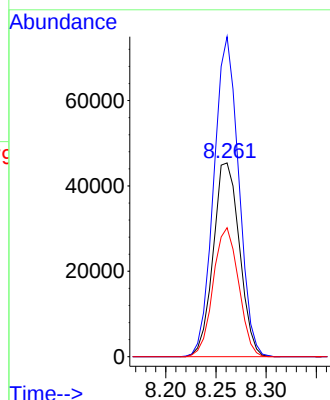
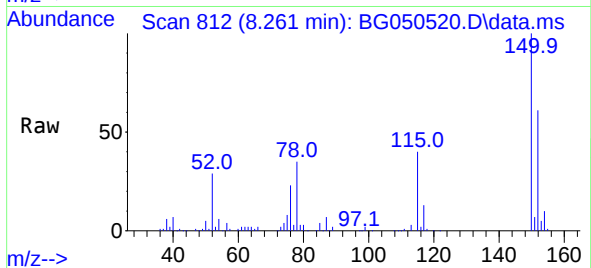




#1
1,4-Dichlorobenzene-d4
Concen: 40.00 ng
RT: 8.261 min Scan# 812
Delta R.T. -0.003 min
Lab File: BG050520.D
Acq: 8 Oct 2021 22:24

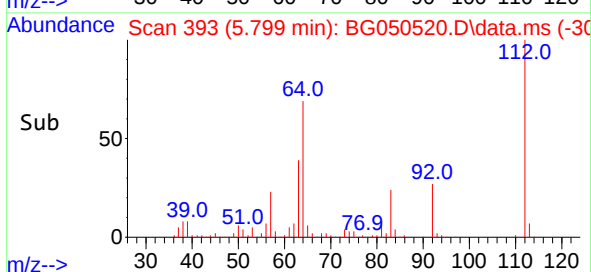
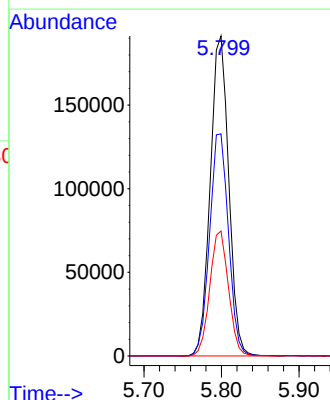
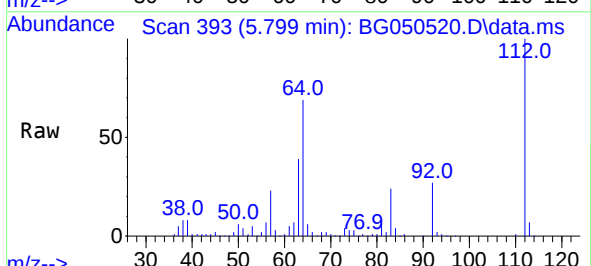
Instrument :
BNA_G
ClientSampleId :
VNJ-207

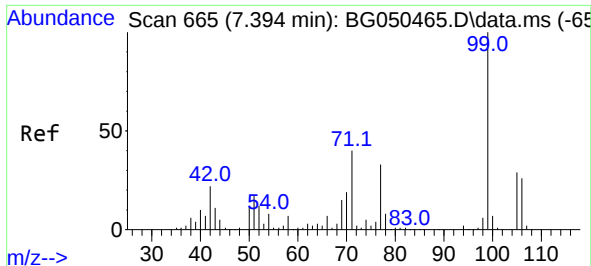
Tgt Ion:152 Resp: 82520
Ion Ratio Lower Upper
152 100
150 165.1 119.4 179.0
115 66.6 60.2 90.4



#5
2-Fluorophenol
Concen: 114.91 ng
RT: 5.799 min Scan# 393
Delta R.T. 0.009 min
Lab File: BG050520.D
Acq: 8 Oct 2021 22:24

Tgt Ion:112 Resp: 317027
Ion Ratio Lower Upper
112 100
64 69.4 46.7 70.1
63 39.0 35.3 52.9

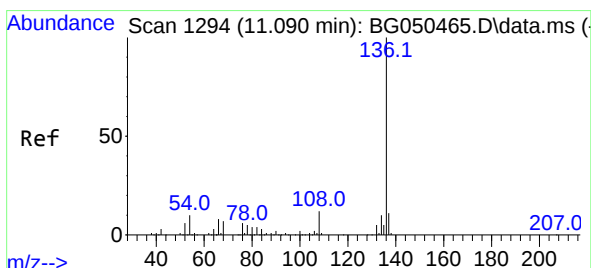
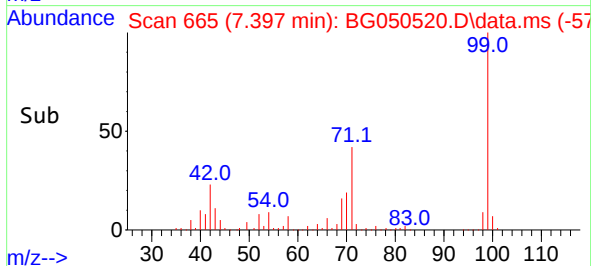
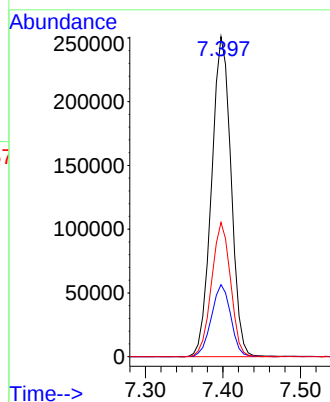
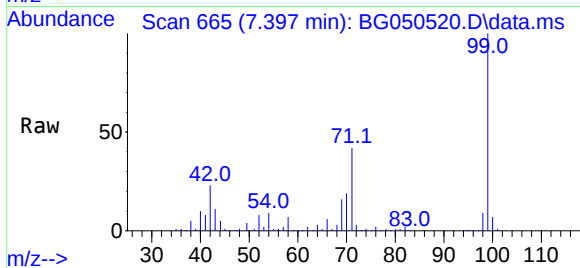




#7
Phenol-d6
Concen: 109.73 ng
RT: 7.397 min Scan# 665
Delta R.T. 0.003 min
Lab File: BG050520.D
Acq: 8 Oct 2021 22:24

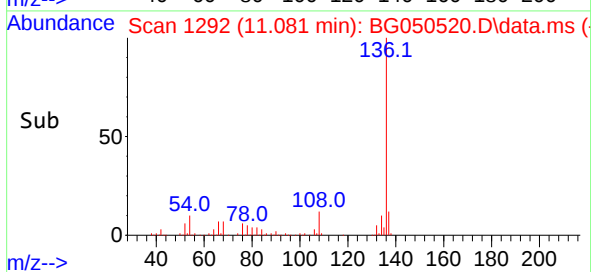
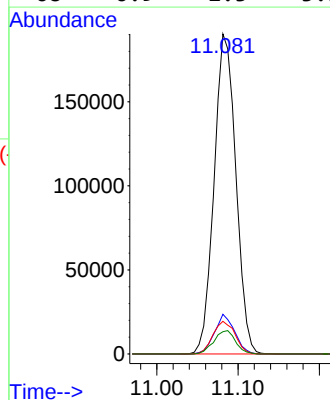
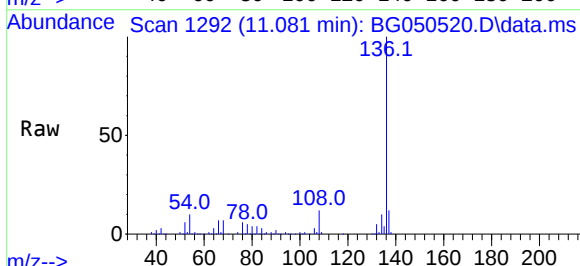
Instrument :
BNA_G
ClientSampleId :
VNJ-207

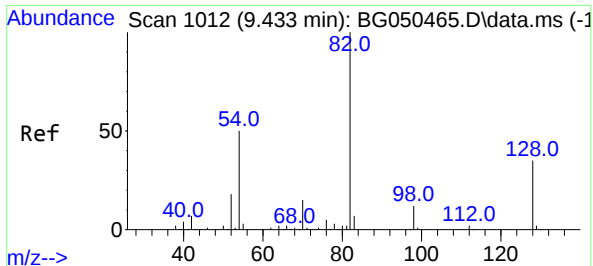
Tgt Ion: 99 Resp: 438285
Ion Ratio Lower Upper
99 100
42 22.5 20.5 30.7
71 41.9 41.5 62.3



#21
Naphthalene-d8
Concen: 40.00 ng
RT: 11.081 min Scan# 1292
Delta R.T. -0.008 min
Lab File: BG050520.D
Acq: 8 Oct 2021 22:24

Tgt Ion:136 Resp: 354004
Ion Ratio Lower Upper
136 100
137 12.4 8.2 12.2#
54 10.2 5.5 8.3#
68 6.9 2.3 3.5#

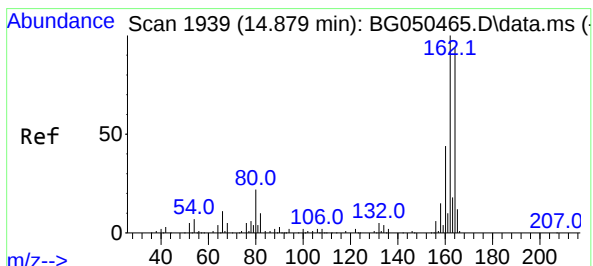
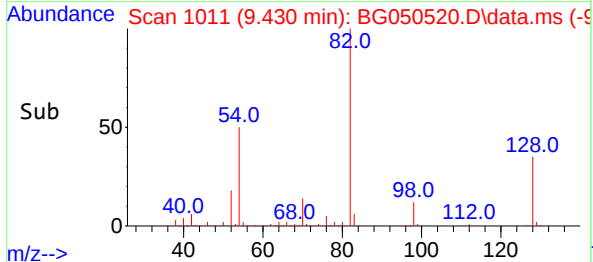
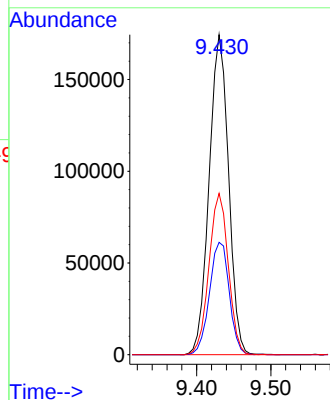
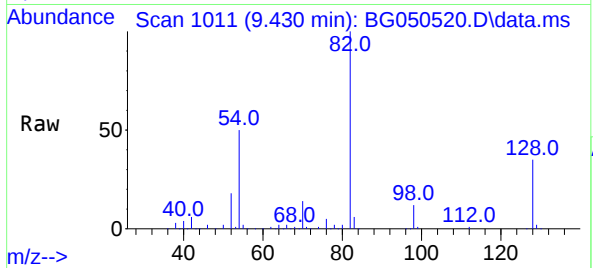




#23
Nitrobenzene-d5
Concen: 74.15 ng
RT: 9.430 min Scan# 1011
Delta R.T. -0.002 min
Lab File: BG050520.D
Acq: 8 Oct 2021 22:24

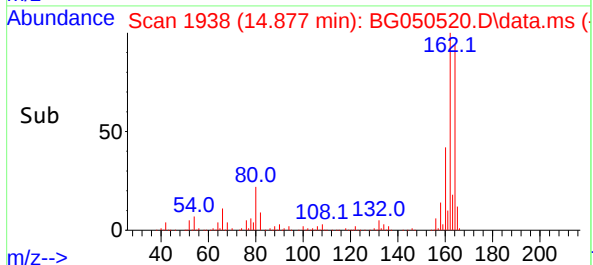
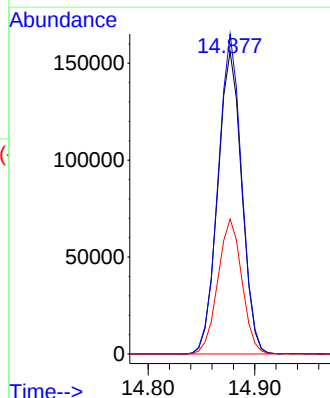
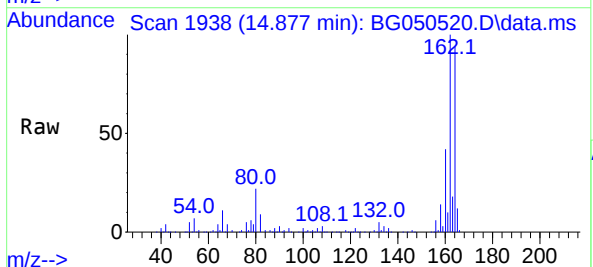
Instrument :
BNA_G
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VNJ-207

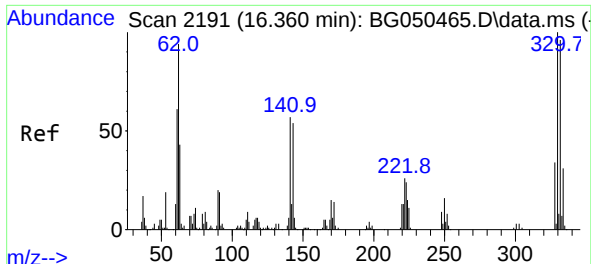
Tgt Ion: 82 Resp: 317033
Ion Ratio Lower Upper
82 100
128 35.1 29.8 44.6
54 50.4 45.8 68.8



#39
Acenaphthene-d10
Concen: 40.00 ng
RT: 14.877 min Scan# 1938
Delta R.T. -0.003 min
Lab File: BG050520.D
Acq: 8 Oct 2021 22:24

Tgt Ion:164 Resp: 243423
Ion Ratio Lower Upper
164 100
162 105.8 81.4 122.0
160 44.6 34.9 52.3

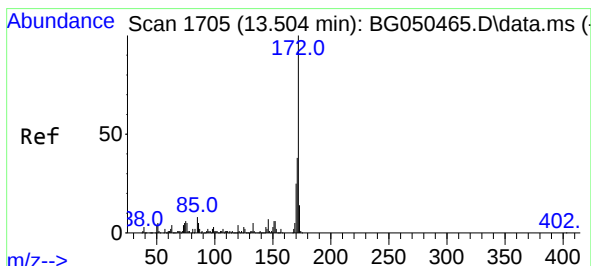
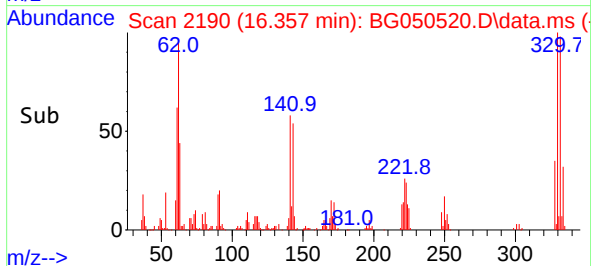
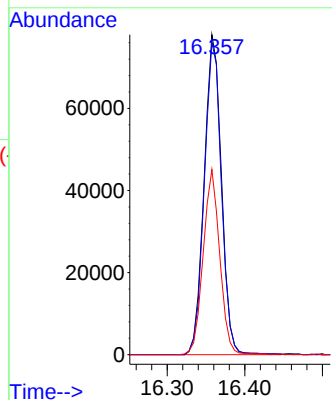
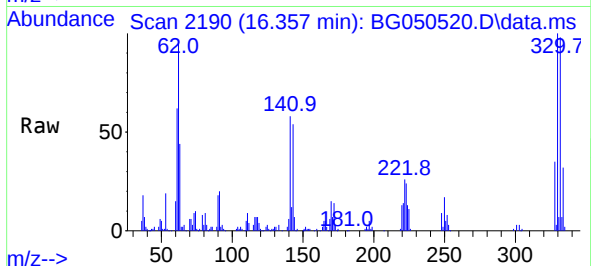




#42
2,4,6-Tribromophenol
Concen: 103.88 ng
RT: 16.357 min Scan# 2190
Delta R.T. -0.003 min
Lab File: BG050520.D
Acq: 8 Oct 2021 22:24

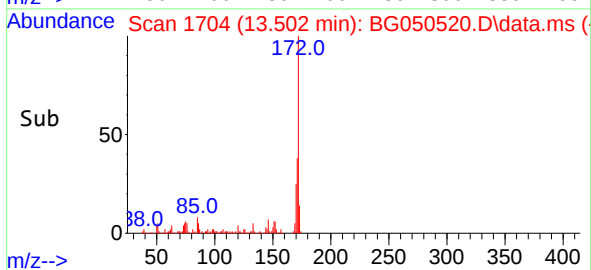
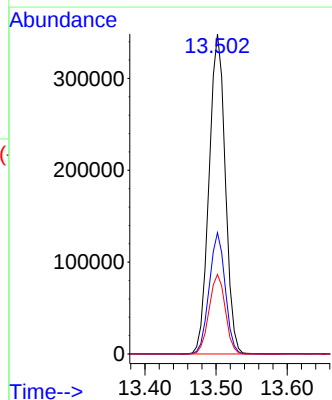
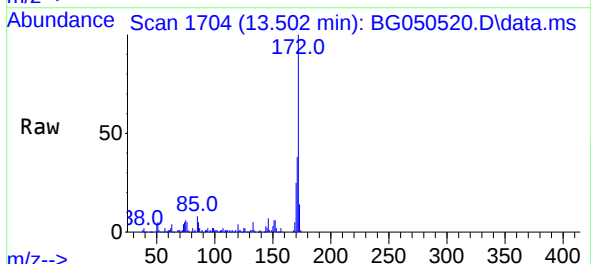
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ClientSampleId :
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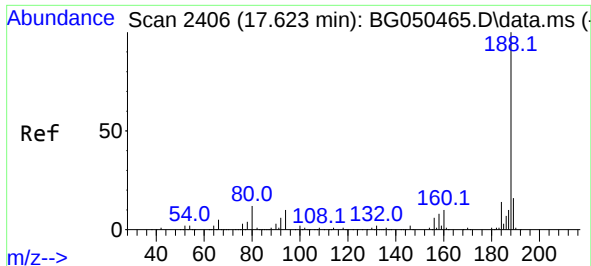
Tgt Ion:330 Resp: 120598
Ion Ratio Lower Upper
330 100
332 96.9 77.3 115.9
141 55.5 35.6 53.4#



#45
2-Fluorobiphenyl
Concen: 68.44 ng
RT: 13.502 min Scan# 1704
Delta R.T. -0.003 min
Lab File: BG050520.D
Acq: 8 Oct 2021 22:24

Tgt Ion:172 Resp: 553480
Ion Ratio Lower Upper
172 100
171 37.9 28.6 43.0
170 24.9 18.6 27.8

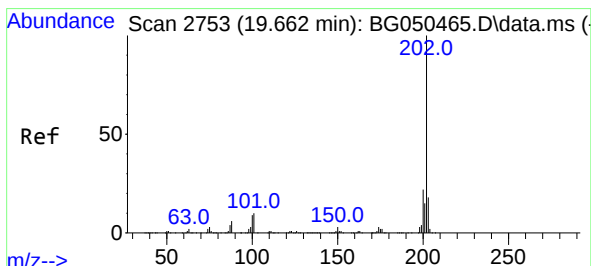
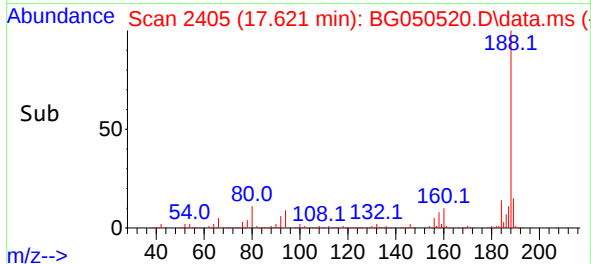
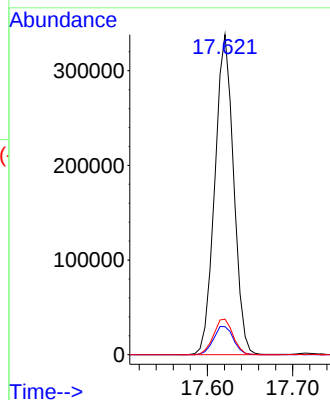
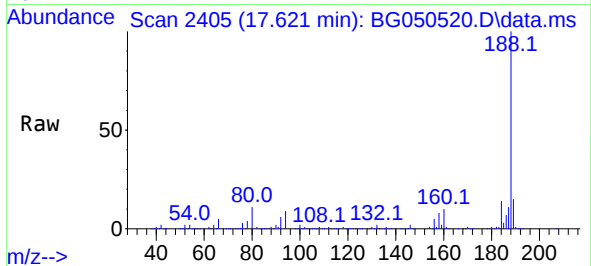




#64
Phenanthrene-d10
Concen: 40.00 ng
RT: 17.621 min Scan# 2405
Delta R.T. -0.003 min
Lab File: BG050520.D
Acq: 8 Oct 2021 22:24

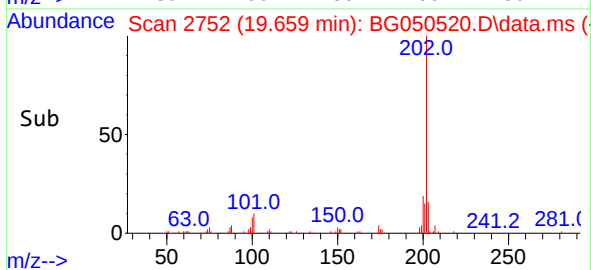
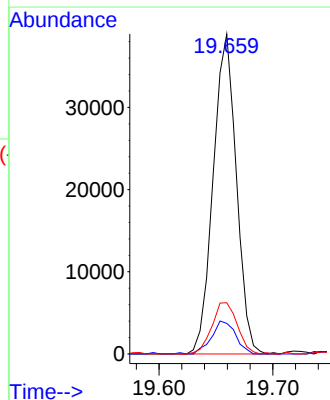
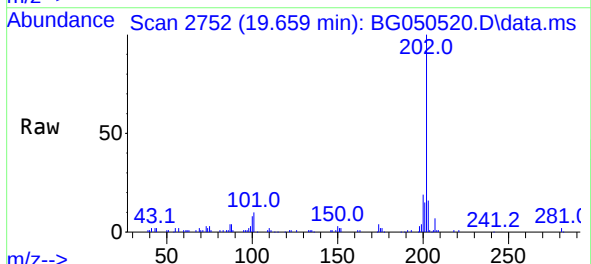
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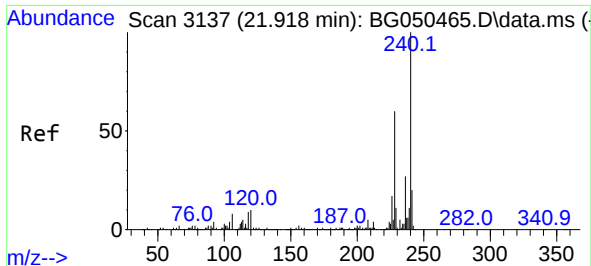
Tgt Ion:188 Resp: 516527
Ion Ratio Lower Upper
188 100
94 8.8 5.4 8.0#
80 11.1 3.7 5.5#



#75
Fluoranthene
Concen: 3.30 ng
RT: 19.659 min Scan# 2752
Delta R.T. -0.003 min
Lab File: BG050520.D
Acq: 8 Oct 2021 22:24

Tgt Ion:202 Resp: 55128
Ion Ratio Lower Upper
202 100
101 9.6 0.0 24.7
203 16.0 0.0 38.5

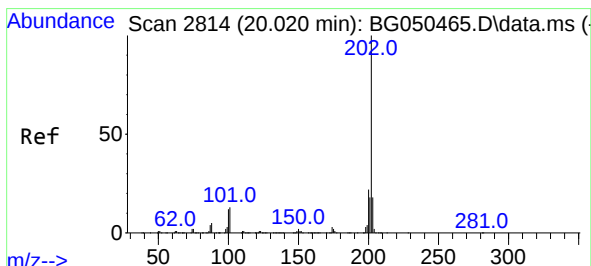
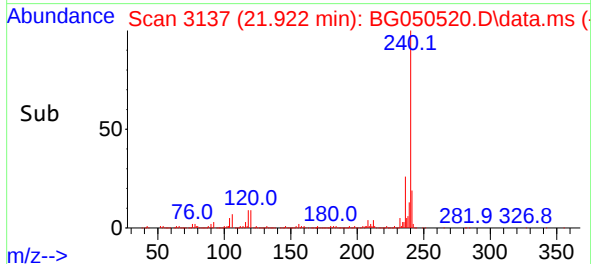
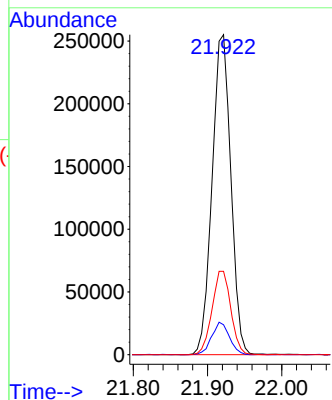
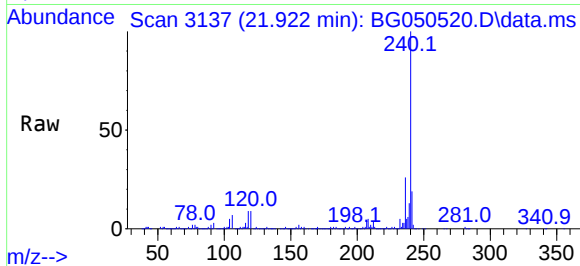




#76
Chrysene-d12
Concen: 40.00 ng
RT: 21.922 min Scan# 3137
Delta R.T. 0.003 min
Lab File: BG050520.D
Acq: 8 Oct 2021 22:24

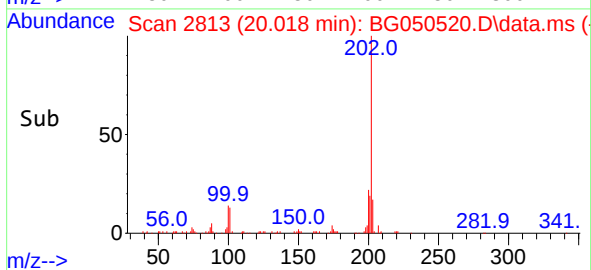
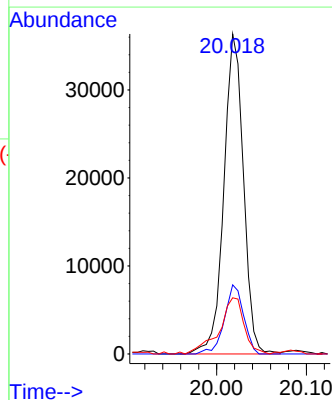
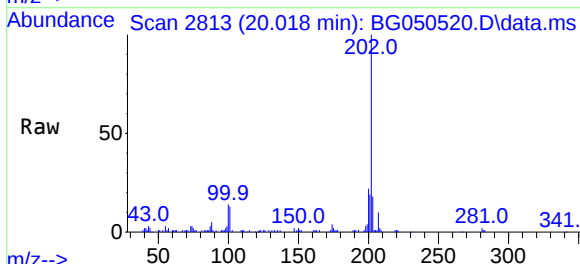
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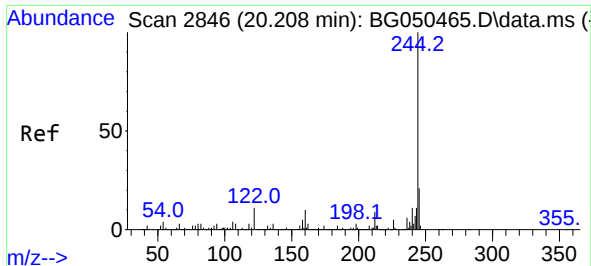
Tgt Ion:240 Resp: 447941
Ion Ratio Lower Upper
240 100
120 9.4 4.2 6.2#
236 26.0 21.8 32.6



#78
Pyrene
Concen: 3.47 ng
RT: 20.018 min Scan# 2813
Delta R.T. -0.003 min
Lab File: BG050520.D
Acq: 8 Oct 2021 22:24

Tgt Ion:202 Resp: 55118
Ion Ratio Lower Upper
202 100
200 21.6 15.8 23.8
203 17.6 14.6 21.8

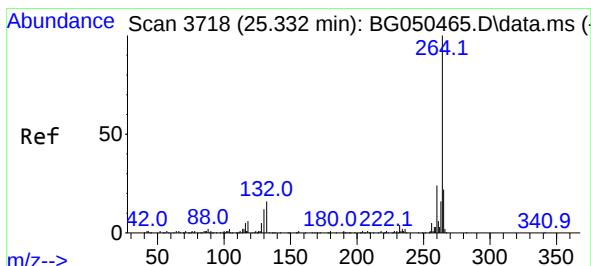
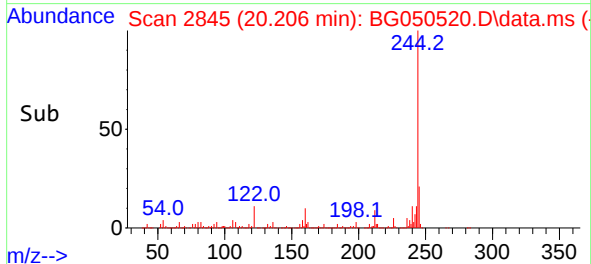
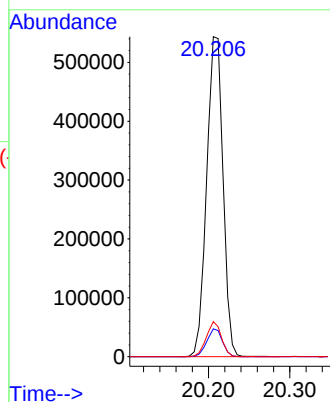
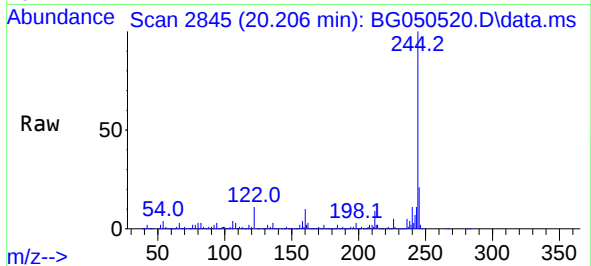




#79
 Terphenyl-d14
 Concen: 65.93 ng
 RT: 20.206 min Scan# 2845
 Delta R.T. -0.003 min
 Lab File: BG050520.D
 Acq: 8 Oct 2021 22:24

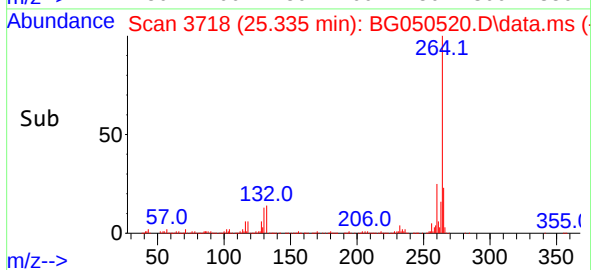
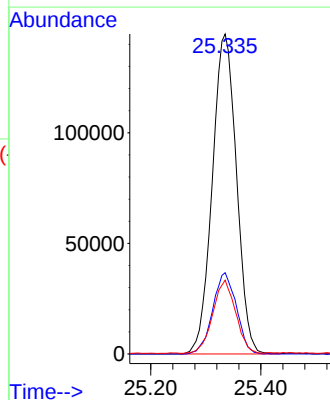
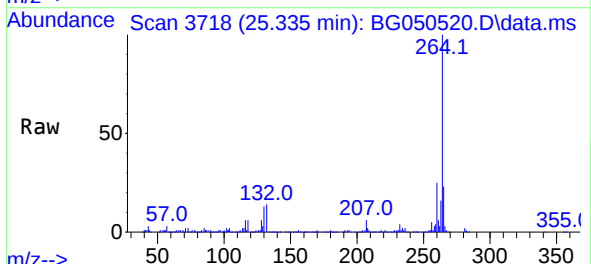
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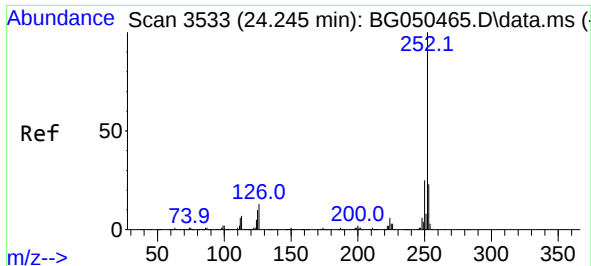
Tgt Ion:244 Resp: 757674
 Ion Ratio Lower Upper
 244 100
 212 8.7 6.9 10.3
 122 11.0 5.0 7.6#



#86
 Perylene-d12
 Concen: 40.00 ng
 RT: 25.335 min Scan# 3718
 Delta R.T. 0.003 min
 Lab File: BG050520.D
 Acq: 8 Oct 2021 22:24

Tgt Ion:264 Resp: 441601
 Ion Ratio Lower Upper
 264 100
 260 25.4 19.4 29.2
 265 23.1 16.9 25.3





#88
Benzo(b)fluoranthene
Concen: 2.24 ng
RT: 24.242 min Scan# 3532
Delta R.T. -0.002 min
Lab File: BG050520.D
Acq: 8 Oct 2021 22:24

Instrument :
BNA_G
ClientSampleId :
VNJ-207

Tgt Ion:	252	Resp:	30287
Ion Ratio	Lower	Upper	
252	100		
253	21.9	16.2	24.4
125	15.2	3.0	4.4#

