

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102021\
 Data File : BG050655.D
 Acq On : 20 Oct 2021 21:35
 Operator : CG/JU
 Sample : M4253-01DL 100X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 131DL

Quant Time: Oct 21 03:18:34 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)

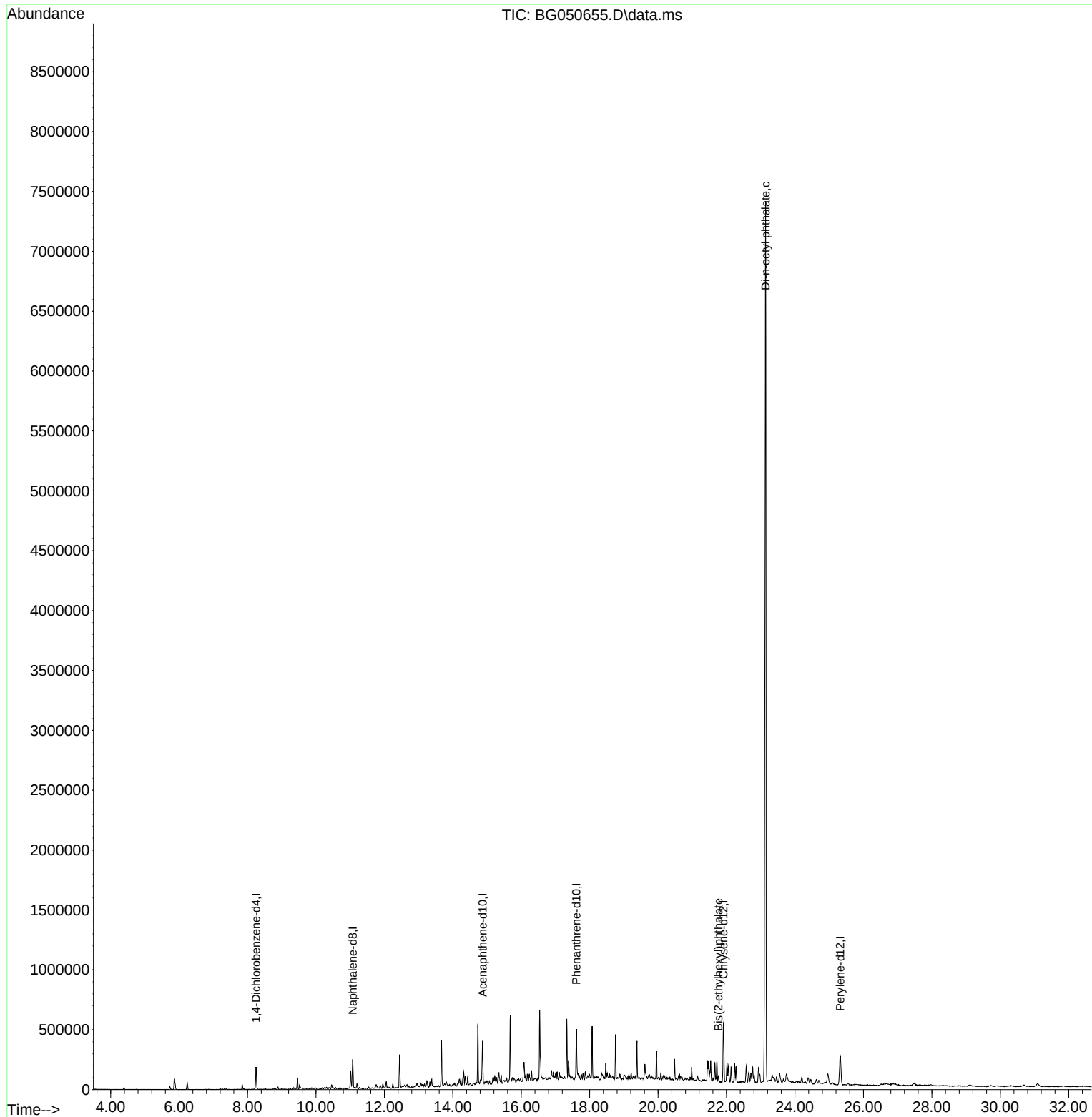
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.248	152	48957	20.000	ng	0.00
21) Naphthalene-d8	11.074	136	197091	20.000	ng	#-0.01
39) Acenaphthene-d10	14.870	164	118421	20.000	ng	0.00
64) Phenanthrene-d10	17.614	188	245481	20.000	ng	# 0.00
76) Chrysene-d12	21.909	240	241806	20.000	ng	#-0.02
86) Perylene-d12	25.322	264	242853	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.792	112	1916	0.585	ng	0.00
7) Phenol-d6	7.390	99	2358	0.498	ng	-0.01
23) Nitrobenzene-d5	9.423	82	2570	0.540	ng	0.00
42) 2,4,6-Tribromophenol	16.345	330	479	0.424	ng	-0.02
45) 2-Fluorobiphenyl	13.495	172	3235	0.411	ng	-0.01
79) Terphenyl-d14	20.199	244	5611	0.452	ng	-0.01
Target Compounds						
9) Benzaldehyde	7.384	77	201	Below Cal	#	1
84) Bis(2-ethylhexyl)phtha...	21.768	149	21685	2.103	ng	91
85) Di-n-octyl phthalate	23.142	149	1427630	83.014	ng	# 38

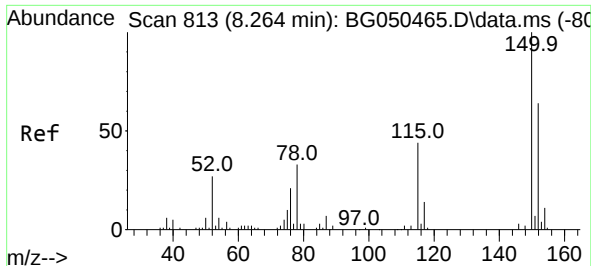
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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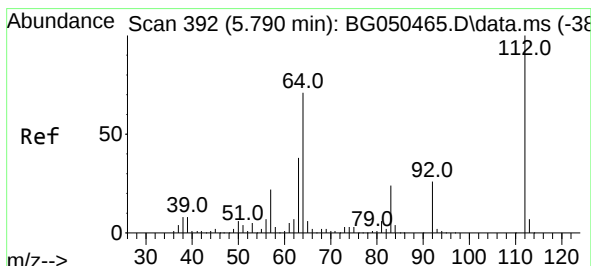
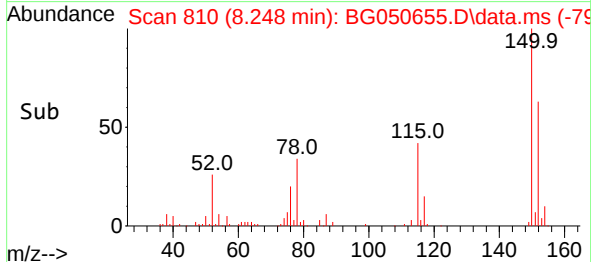
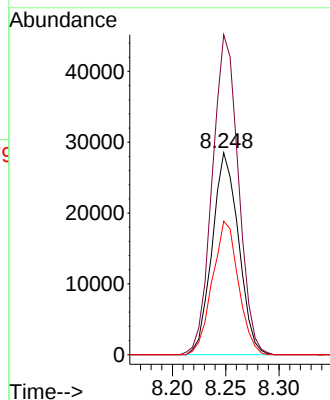
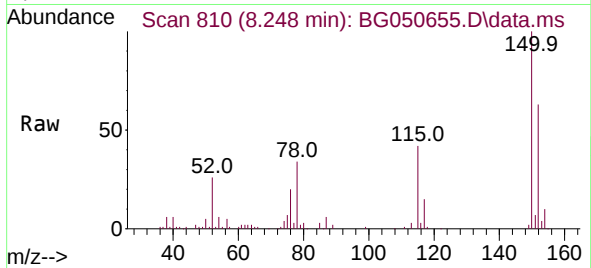




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.248 min Scan# 810
Delta R.T. -0.010 min
Lab File: BG050655.D
Acq: 20 Oct 2021 21:35

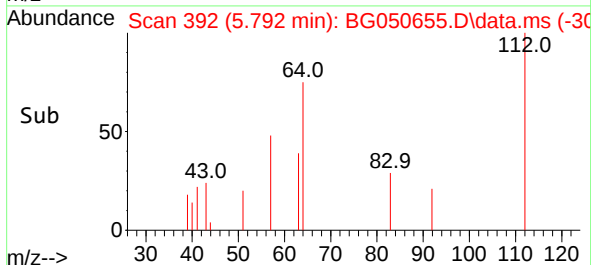
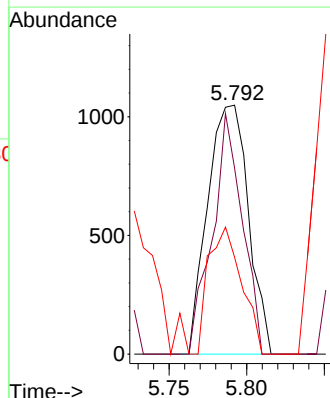
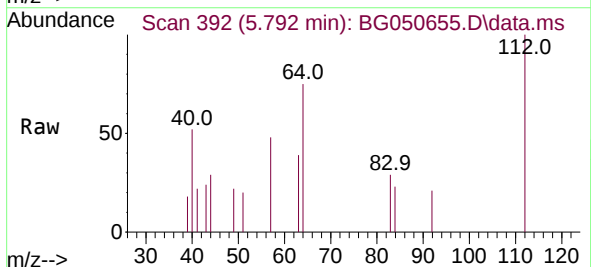
Instrument :
BNA_G
ClientSampleId :
131DL

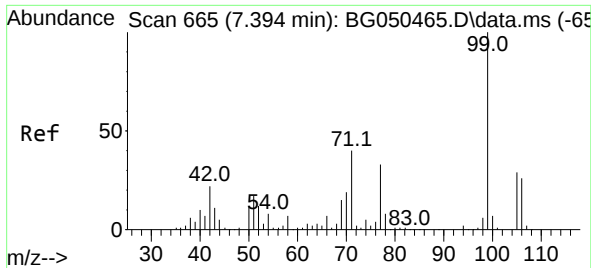
Tgt Ion:152 Resp: 48957
Ion Ratio Lower Upper
152 100
150 158.5 119.4 179.0
115 66.0 60.2 90.4



#5
2-Fluorophenol
Concen: 0.585 ng
RT: 5.792 min Scan# 392
Delta R.T. 0.002 min
Lab File: BG050655.D
Acq: 20 Oct 2021 21:35

Tgt Ion:112 Resp: 1916
Ion Ratio Lower Upper
112 100
64 74.6 46.7 70.1#
63 38.9 35.3 52.9

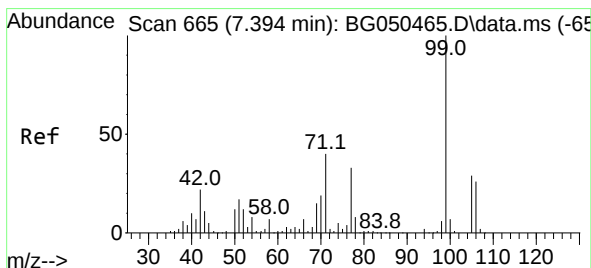
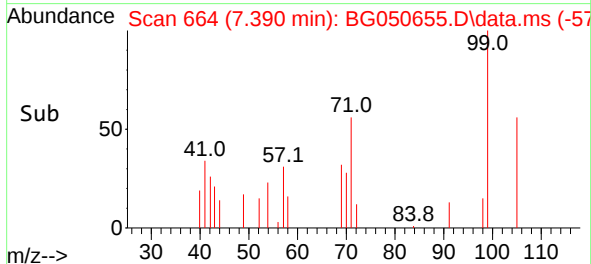
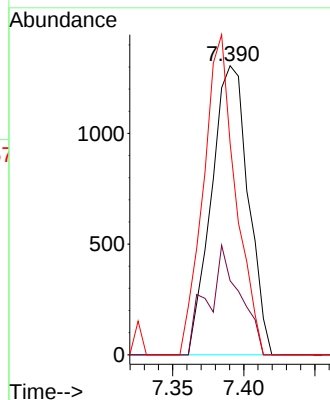
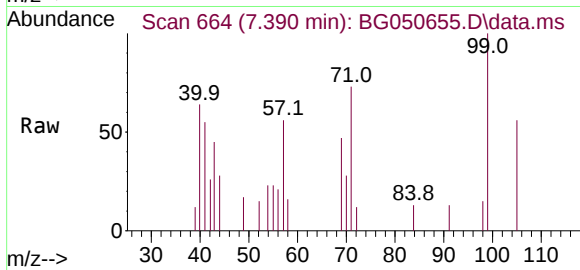




#7
Phenol-d6
Concen: 0.498 ng
RT: 7.390 min Scan# 664
Delta R.T. -0.010 min
Lab File: BG050655.D
Acq: 20 Oct 2021 21:35

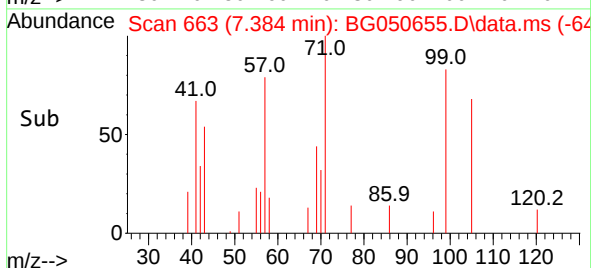
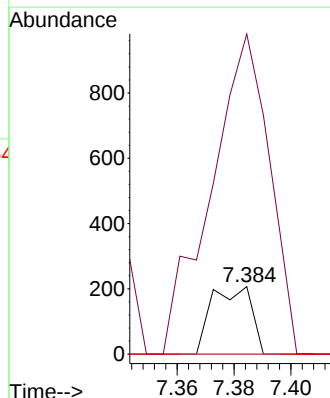
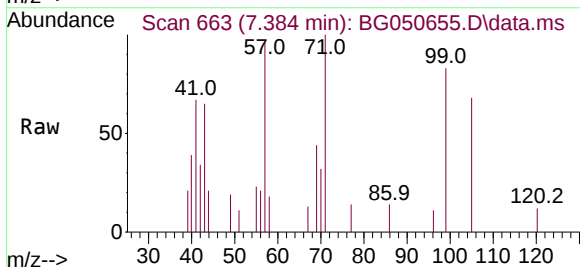
Instrument :
BNA_G
ClientSampled :
131DL

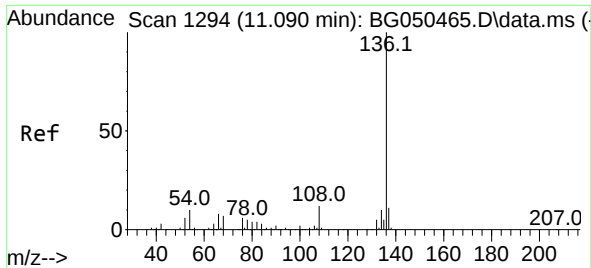
Tgt Ion: 99 Resp: 2358
Ion Ratio Lower Upper
99 100
42 25.6 20.5 30.7
71 73.2 41.5 62.3#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.384 min Scan# 663
Delta R.T. -0.004 min
Lab File: BG050655.D
Acq: 20 Oct 2021 21:35

Tgt Ion: 77 Resp: 201
Ion Ratio Lower Upper
77 100
105 473.9 68.8 108.8#
106 0.0 47.9 87.9#

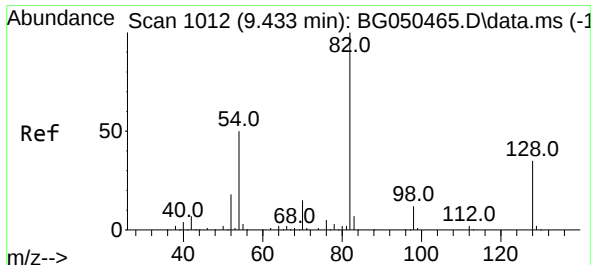
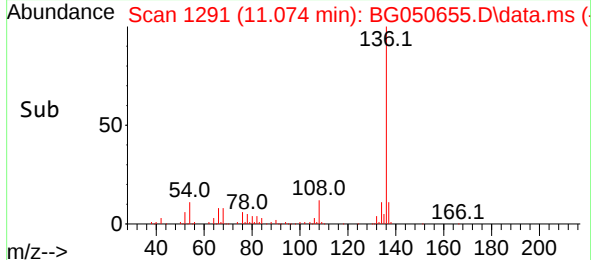
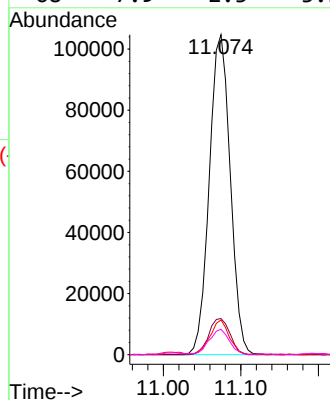
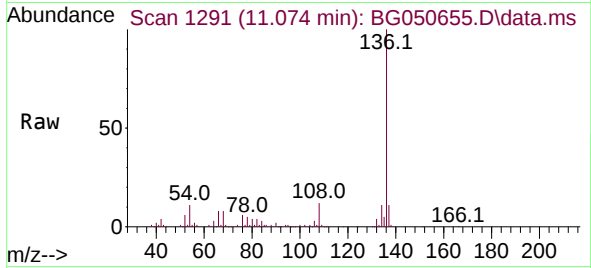




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.074 min Scan# 1291
Delta R.T. -0.010 min
Lab File: BG050655.D
Acq: 20 Oct 2021 21:35

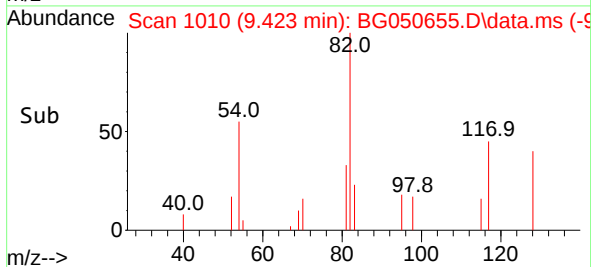
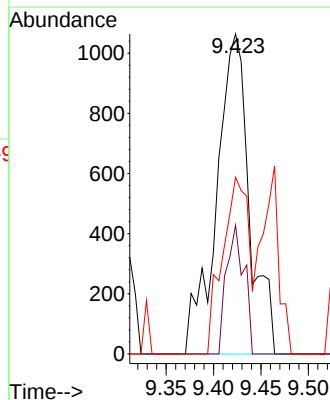
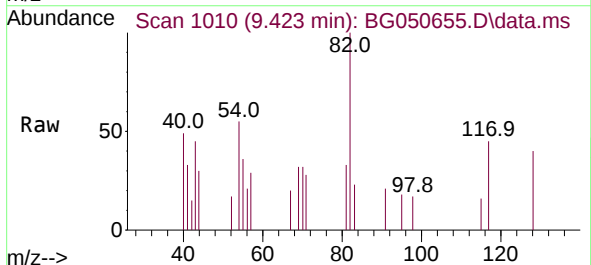
Instrument :
BNA_G
ClientSampleId :
131DL

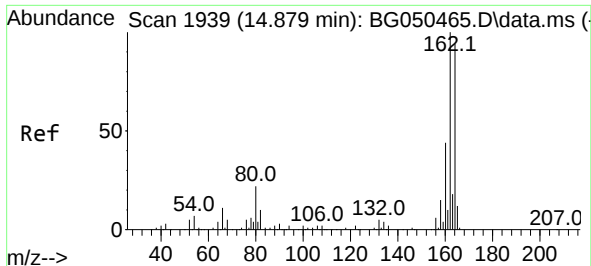
Tgt Ion:	136	Resp:	197091
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.2	12.2
54	10.9	5.5	8.3#
68	7.9	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 0.540 ng
RT: 9.423 min Scan# 1010
Delta R.T. -0.004 min
Lab File: BG050655.D
Acq: 20 Oct 2021 21:35

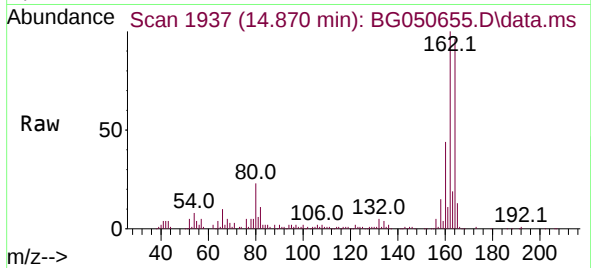
Tgt Ion:	82	Resp:	2570
Ion Ratio	Lower	Upper	
82	100		
128	40.2	29.8	44.6
54	55.3	45.8	68.8



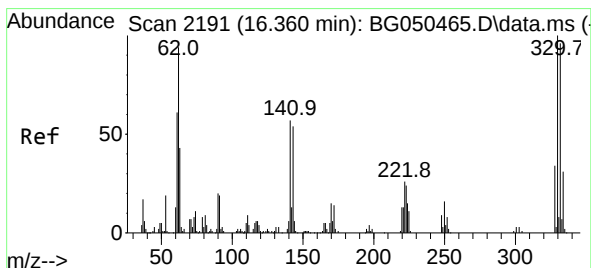
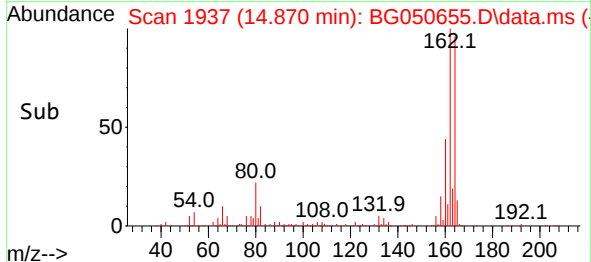
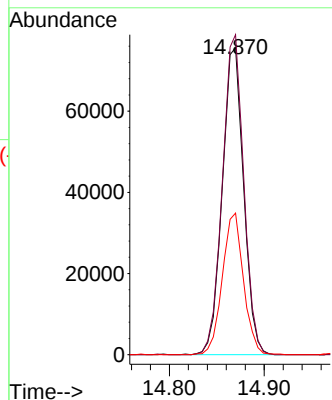


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.870 min Scan# 1937
Delta R.T. -0.004 min
Lab File: BG050655.D
Acq: 20 Oct 2021 21:35

Instrument :
BNA_G
ClientSampleId :
131DL

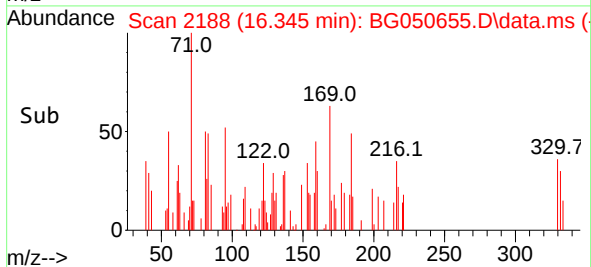
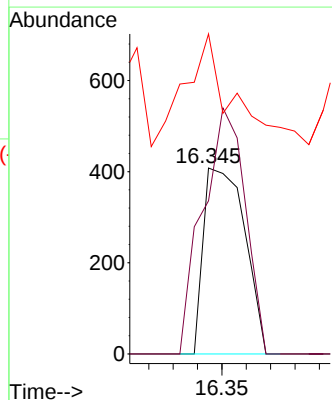
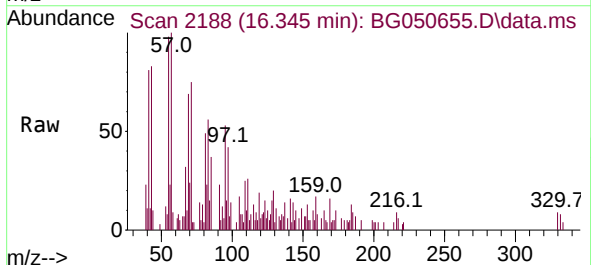


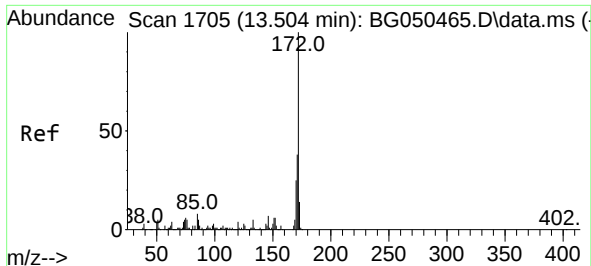
Tgt Ion:164 Resp: 118421
Ion Ratio Lower Upper
164 100
162 104.2 81.4 122.0
160 46.1 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 0.424 ng
RT: 16.345 min Scan# 2188
Delta R.T. -0.016 min
Lab File: BG050655.D
Acq: 20 Oct 2021 21:35

Tgt Ion:330 Resp: 479
Ion Ratio Lower Upper
330 100
332 136.1 77.3 115.9#
141 63.9 35.6 53.4#

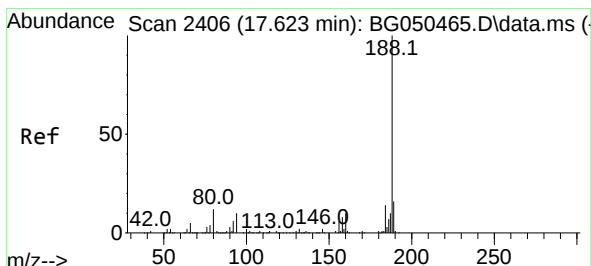
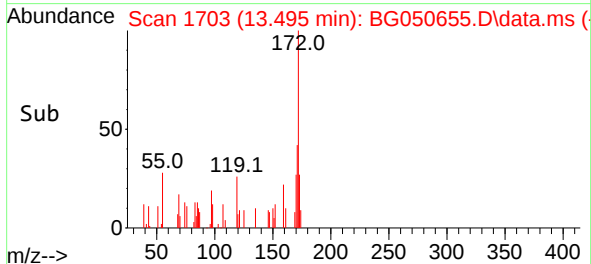
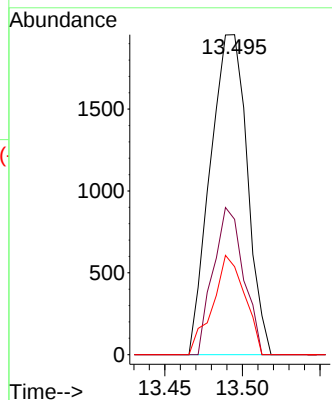
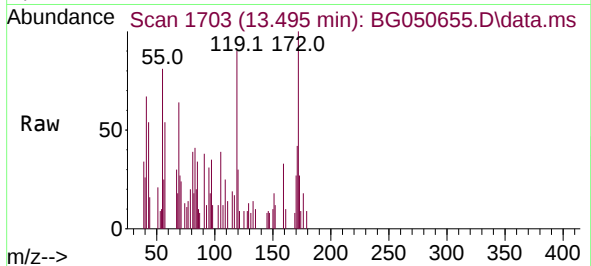




#45
2-Fluorobiphenyl
Concen: 0.411 ng
RT: 13.495 min Scan# 1703
Delta R.T. -0.010 min
Lab File: BG050655.D
Acq: 20 Oct 2021 21:35

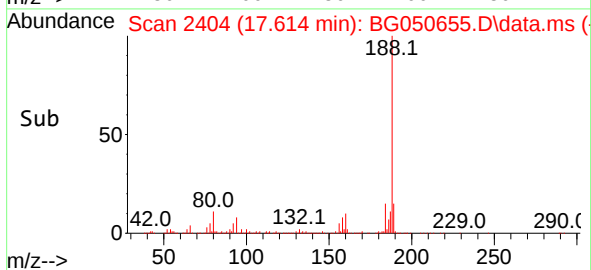
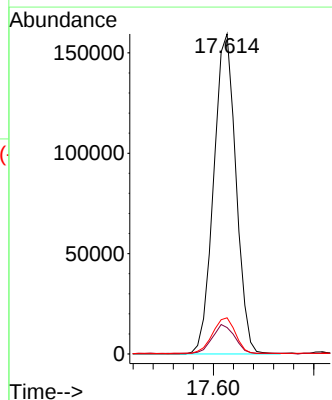
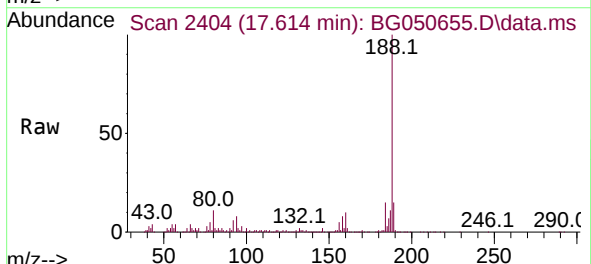
Instrument :
BNA_G
ClientSampleId :
131DL

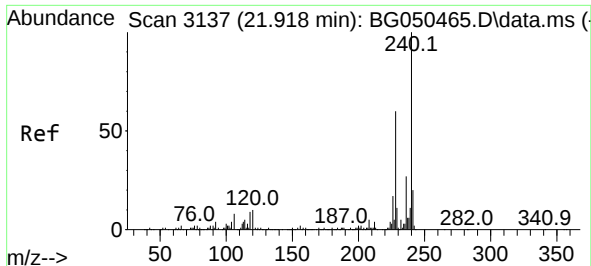
Tgt Ion:172	Resp:	3235
Ion Ratio	Lower	Upper
172	100	
171	42.3	28.6 43.0
170	27.5	18.6 27.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.614 min Scan# 2404
Delta R.T. -0.004 min
Lab File: BG050655.D
Acq: 20 Oct 2021 21:35

Tgt Ion:188	Resp:	245481
Ion Ratio	Lower	Upper
188	100	
94	8.3	5.4 8.0#
80	11.3	3.7 5.5#

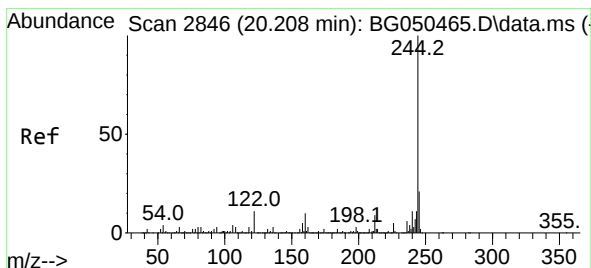
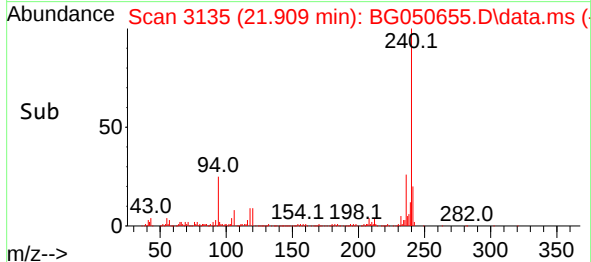
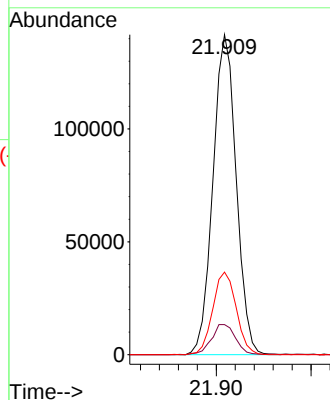
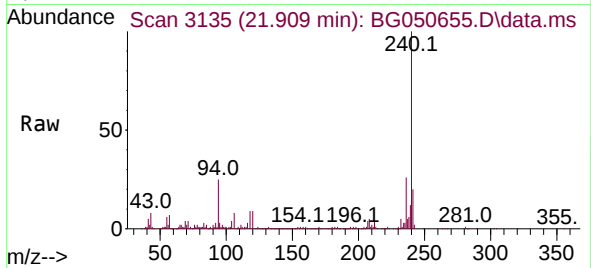




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.909 min Scan# 3135
Delta R.T. -0.016 min
Lab File: BG050655.D
Acq: 20 Oct 2021 21:35

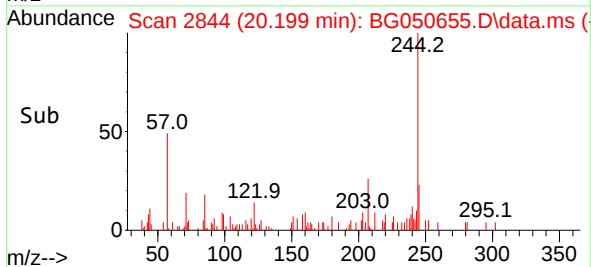
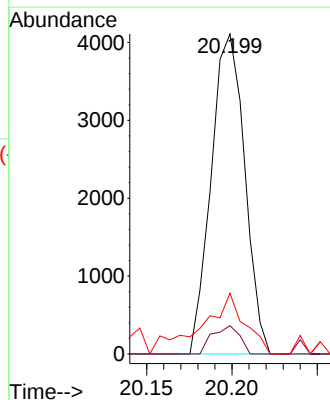
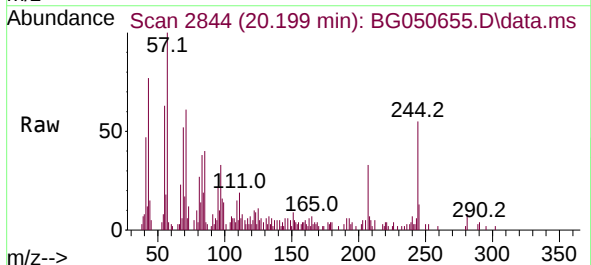
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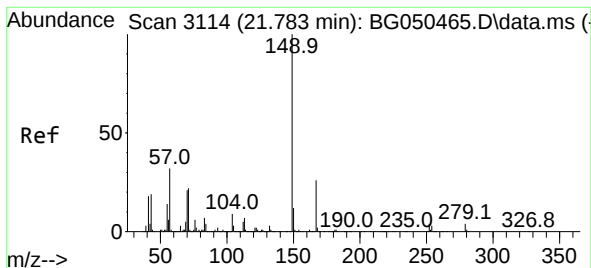
Tgt Ion:240 Resp: 241806
Ion Ratio Lower Upper
240 100
120 9.4 4.2 6.2#
236 25.8 21.8 32.6



#79
Terphenyl-d14
Concen: 0.452 ng
RT: 20.199 min Scan# 2844
Delta R.T. -0.010 min
Lab File: BG050655.D
Acq: 20 Oct 2021 21:35

Tgt Ion:244 Resp: 5611
Ion Ratio Lower Upper
244 100
212 8.9 6.9 10.3
122 19.0 5.0 7.6#

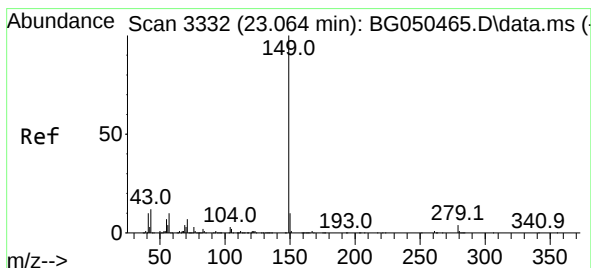
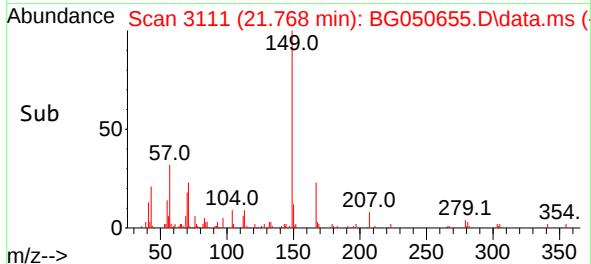
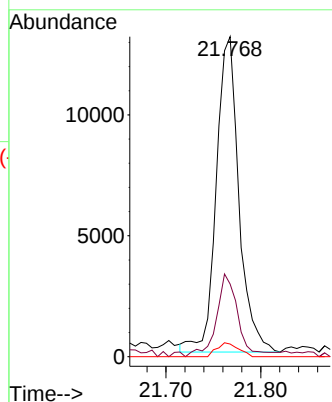
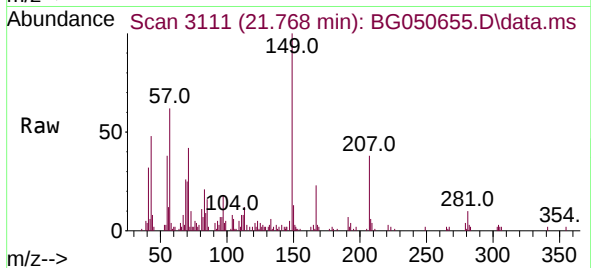




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.103 ng
RT: 21.768 min Scan# 3111
Delta R.T. -0.010 min
Lab File: BG050655.D
Acq: 20 Oct 2021 21:35

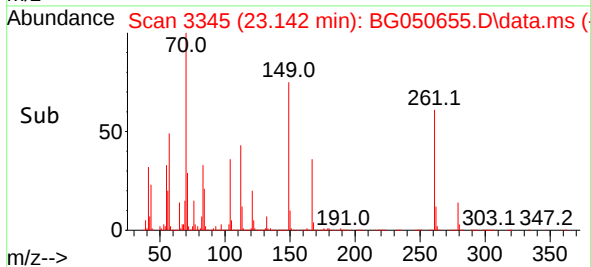
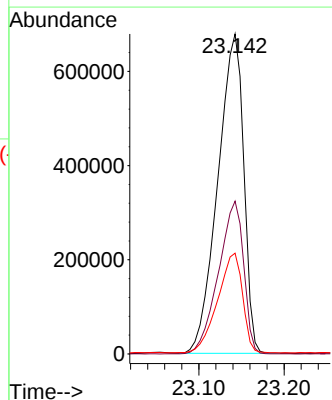
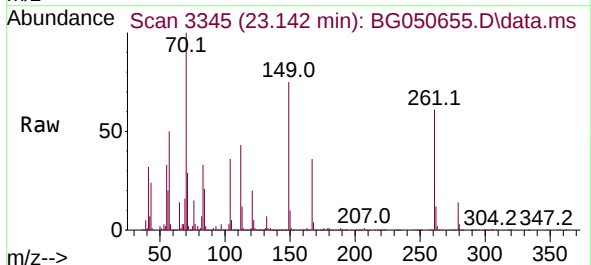
Instrument :
BNA_G
ClientSampleId :
131DL

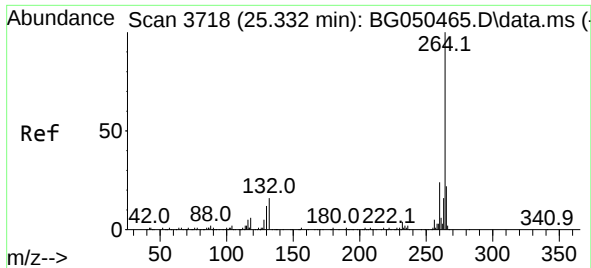
Tgt Ion:149 Resp: 21685
Ion Ratio Lower Upper
149 100
167 22.7 22.3 33.5
279 3.9 3.8 5.8



#85
Di-n-octyl phthalate
Concen: 83.014 ng
RT: 23.142 min Scan# 3345
Delta R.T. 0.090 min
Lab File: BG050655.D
Acq: 20 Oct 2021 21:35

Tgt Ion:149 Resp: 1427630
Ion Ratio Lower Upper
149 100
167 46.7 1.4 2.2#
43 30.1 8.6 12.8#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.322 min Scan# 3716
 Delta R.T. -0.010 min
 Lab File: BG050655.D
 Acq: 20 Oct 2021 21:35

Instrument :
 BNA_G
 ClientSampleId :
 131DL

Tgt Ion:264 Resp: 242853

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.2
265	21.0	16.9	25.3

