

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101220\
 Data File : BG046864.D
 Acq On : 13 Oct 2020 5:49
 Operator : CG/JU
 Sample : L4339-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 QUAD-1

Quant Time: Oct 13 07:12:45 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 07 11:38:17 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.104	152	57752	20.00	ng	0.00
21) Naphthalene-d8	10.913	136	225220	20.00	ng	0.00
39) Acenaphthene-d10	14.726	164	167510	20.00	ng	0.00
64) Phenanthrene-d10	17.470	188	446282	20.00	ng	# 0.00
76) Chrysene-d12	21.741	240	486510	20.00	ng	#-0.02
86) Perylene-d12	25.008	264	482840	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.666	112	287837	79.84	ng	0.00
7) Phenol-d6	7.253	99	418513	82.30	ng	0.00
23) Nitrobenzene-d5	9.262	82	309730	73.16	ng	0.00
42) 2,4,6-Tribromophenol	16.213	330	214140	96.95	ng	0.00
45) 2-Fluorobiphenyl	13.351	172	746173	63.06	ng	0.00
79) Terphenyl-d14	20.073	244	1481902	61.05	ng	0.00

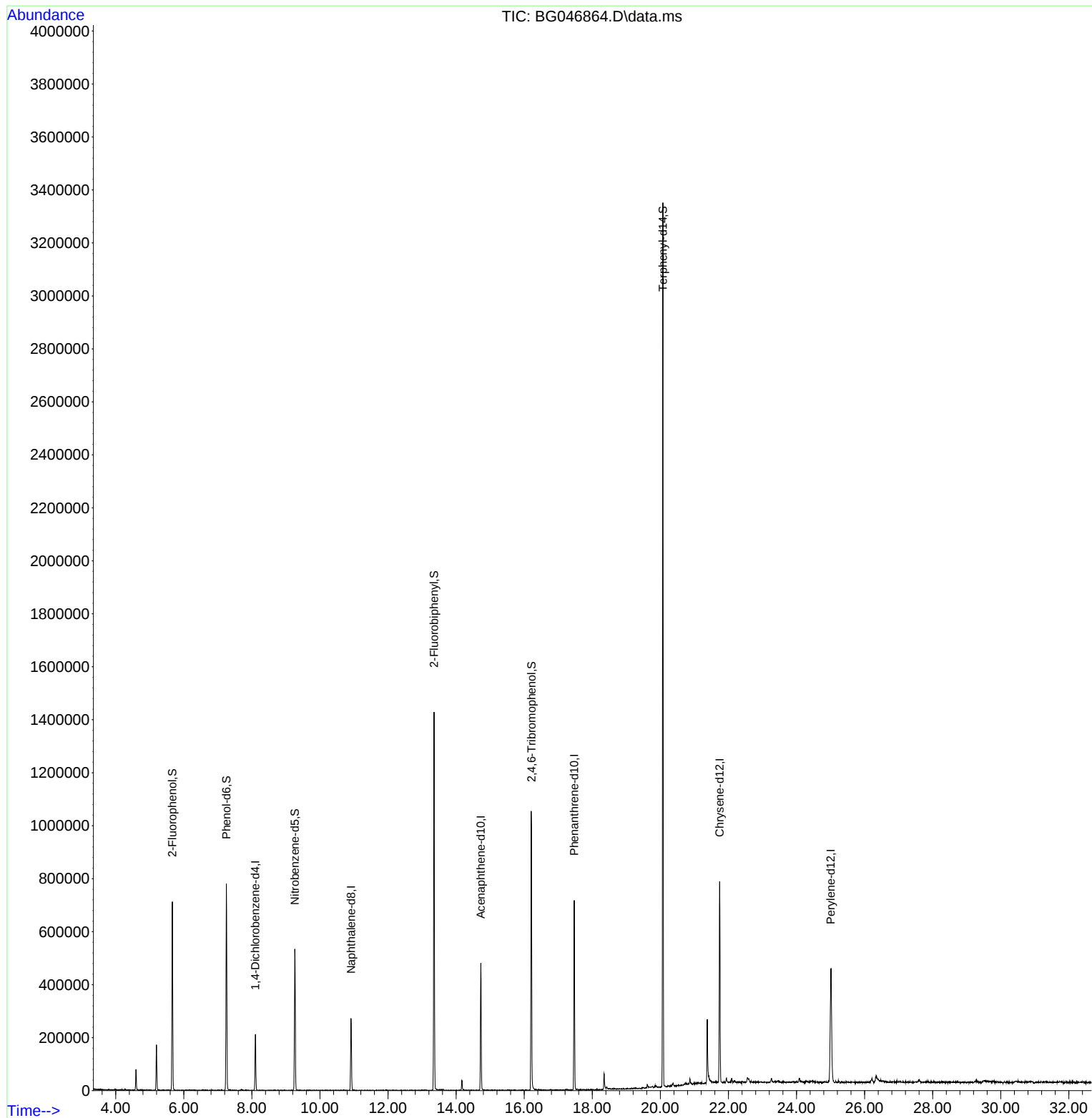
Target Compounds	Qvalue
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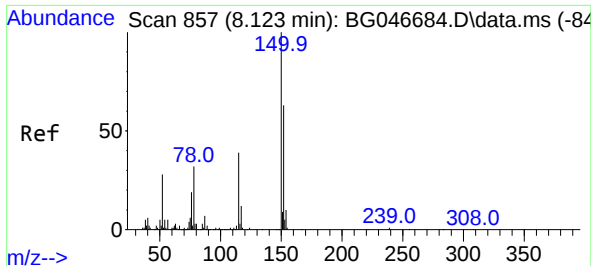
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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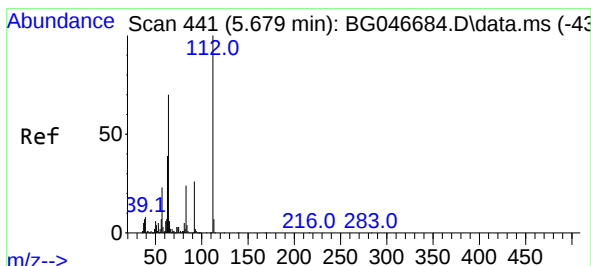
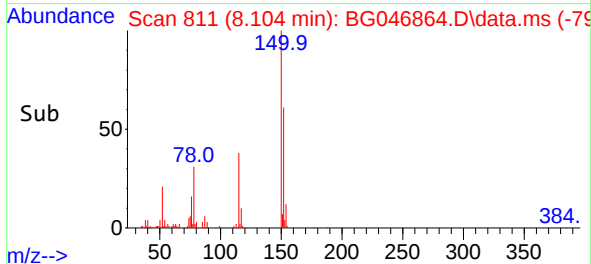
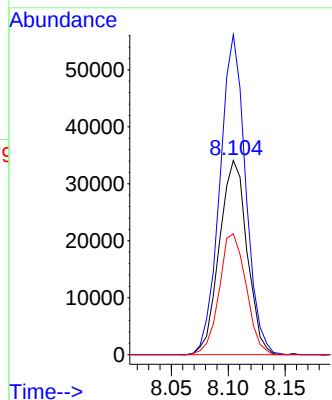
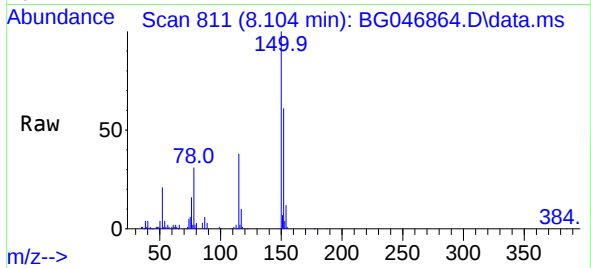




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.104 min Scan# 811
Delta R.T. -0.004 min
Lab File: BG046864.D
Acq: 13 Oct 2020 5:49

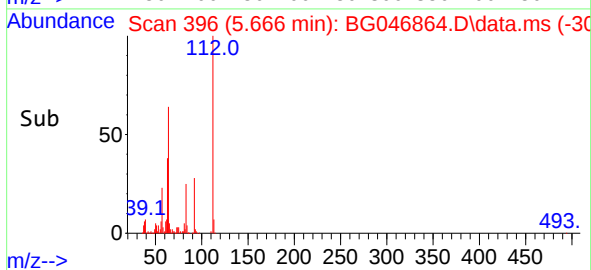
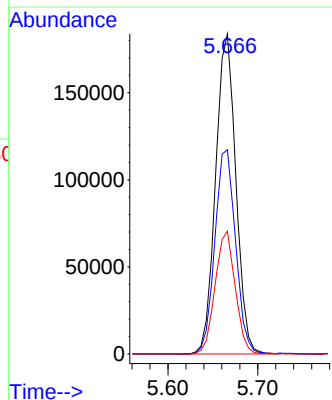
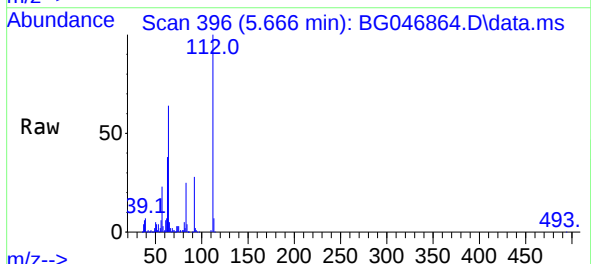
Instrument :
BNA_G
ClientSampled :
QUAD-1

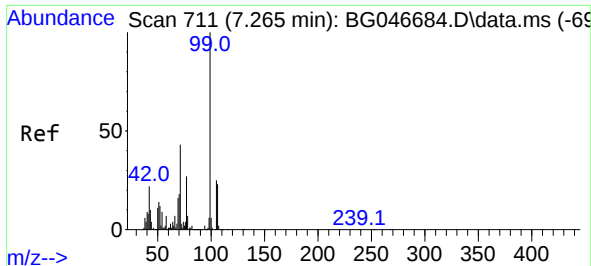
Tgt Ion:152 Resp: 57752
Ion Ratio Lower Upper
152 100
150 164.7 125.0 187.6
115 62.3 41.8 62.6



#5
2-Fluorophenol
Concen: 79.84 ng
RT: 5.666 min Scan# 396
Delta R.T. -0.003 min
Lab File: BG046864.D
Acq: 13 Oct 2020 5:49

Tgt Ion:112 Resp: 287837
Ion Ratio Lower Upper
112 100
64 63.8 46.7 70.1
63 38.4 22.8 34.2#

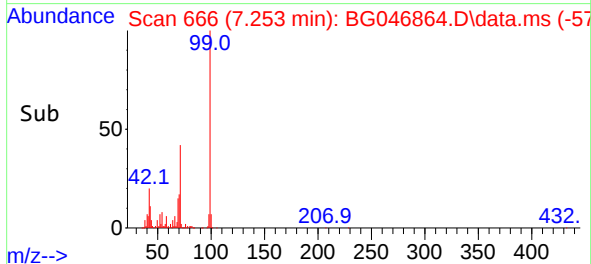
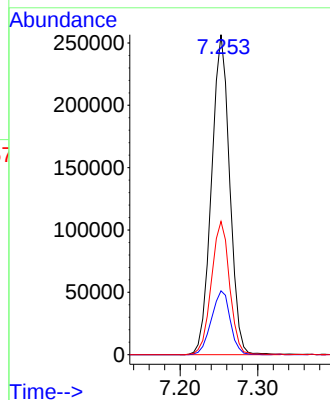
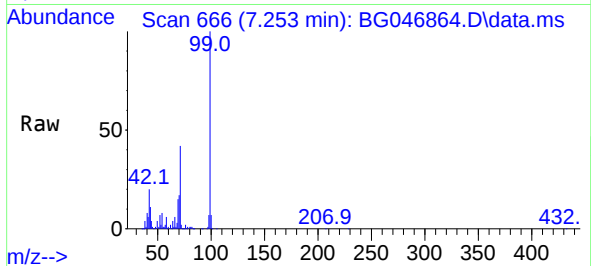




#7
Phenol-d6
Concen: 82.30 ng
RT: 7.253 min Scan# 666
Delta R.T. -0.003 min
Lab File: BG046864.D
Acq: 13 Oct 2020 5:49

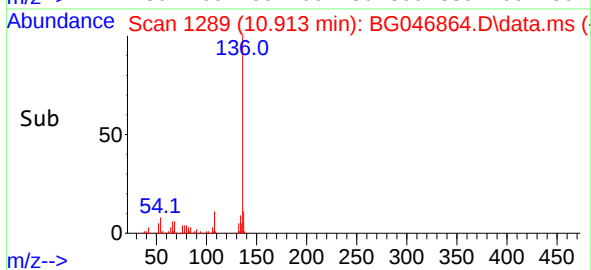
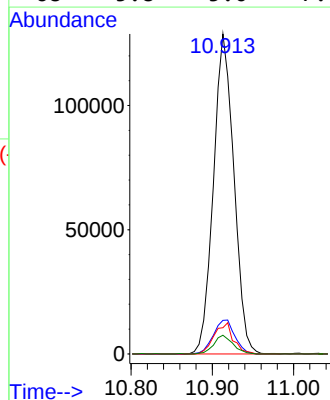
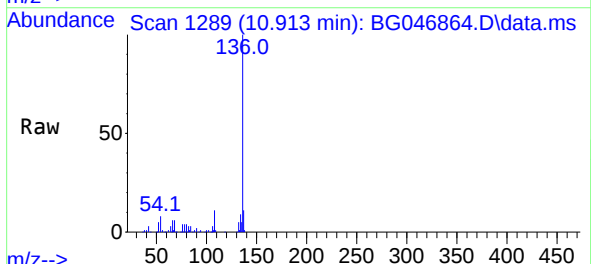
Instrument :
BNA_G
ClientSampleId :
QUAD-1

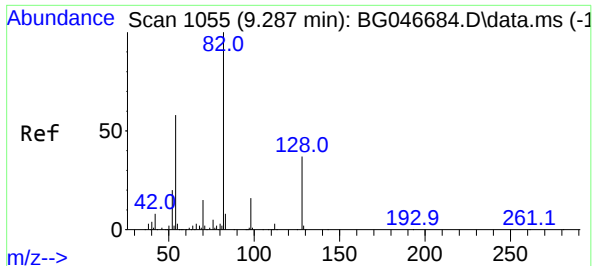
Tgt Ion: 99 Resp: 418513
Ion Ratio Lower Upper
99 100
42 20.0 12.8 19.2#
71 41.7 24.6 36.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.913 min Scan# 1289
Delta R.T. -0.009 min
Lab File: BG046864.D
Acq: 13 Oct 2020 5:49

Tgt Ion: 136 Resp: 225220
Ion Ratio Lower Upper
136 100
137 10.5 9.1 13.7
54 8.2 6.2 9.4
68 5.8 5.0 7.4

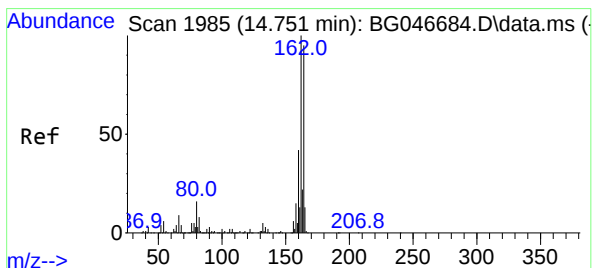
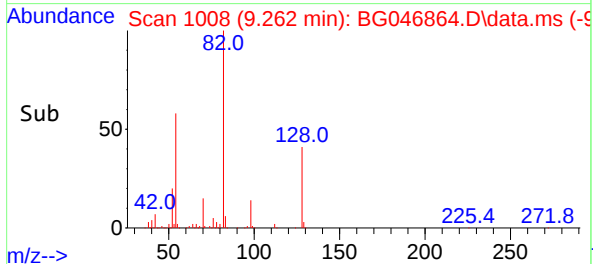
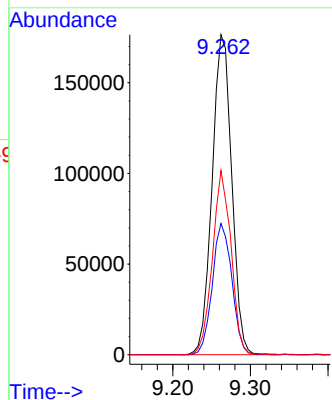
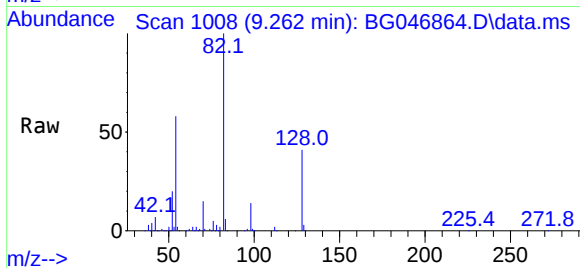




#23
Nitrobenzene-d5
Concen: 73.16 ng
RT: 9.262 min Scan# 1008
Delta R.T. -0.009 min
Lab File: BG046864.D
Acq: 13 Oct 2020 5:49

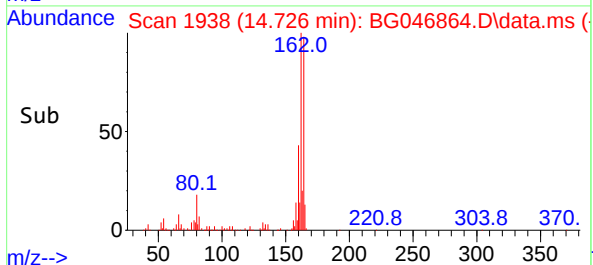
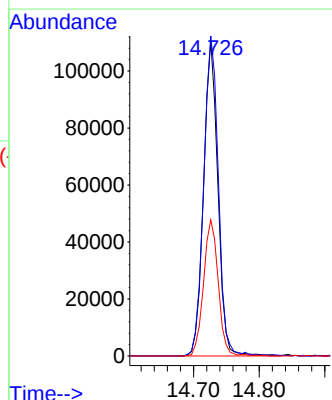
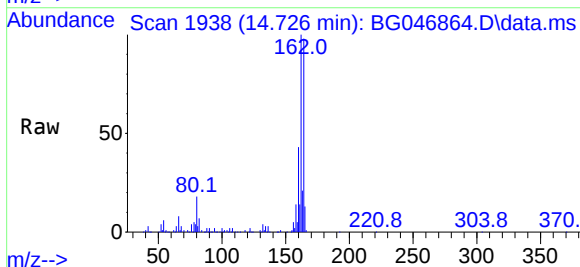
Instrument :
BNA_G
ClientSampleId :
QUAD-1

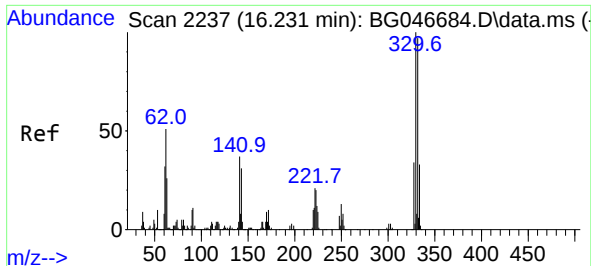
Tgt Ion: 82 Resp: 309730
Ion Ratio Lower Upper
82 100
128 41.0 37.0 55.6
54 57.6 39.0 58.4



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.726 min Scan# 1938
Delta R.T. -0.009 min
Lab File: BG046864.D
Acq: 13 Oct 2020 5:49

Tgt Ion:164 Resp: 167510
Ion Ratio Lower Upper
164 100
162 101.6 82.3 123.5
160 43.2 35.3 52.9

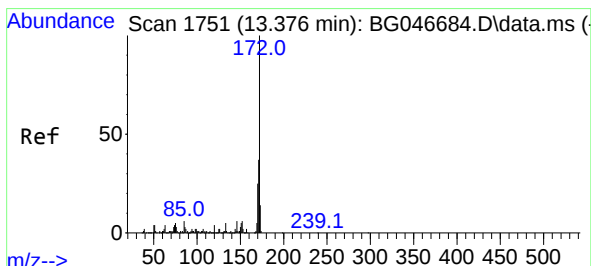
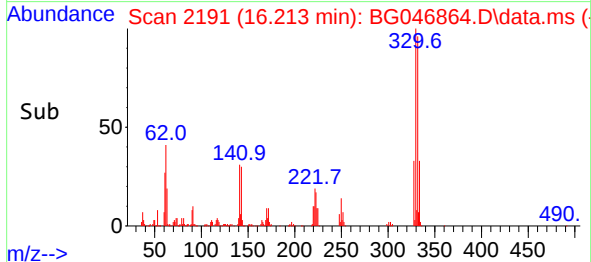
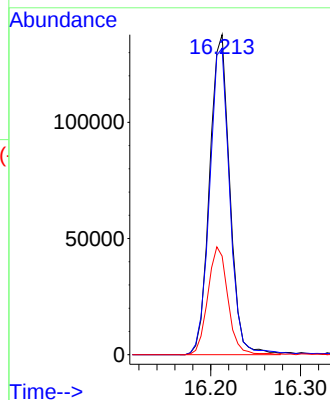
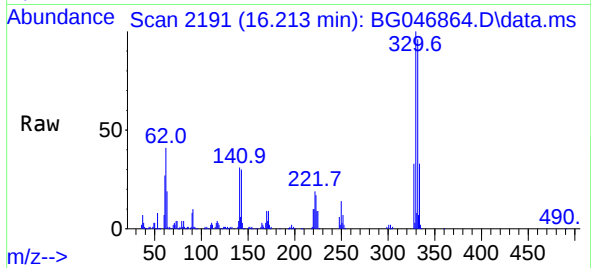




#42
2,4,6-Tribromophenol
Concen: 96.95 ng
RT: 16.213 min Scan# 2191
Delta R.T. -0.003 min
Lab File: BG046864.D
Acq: 13 Oct 2020 5:49

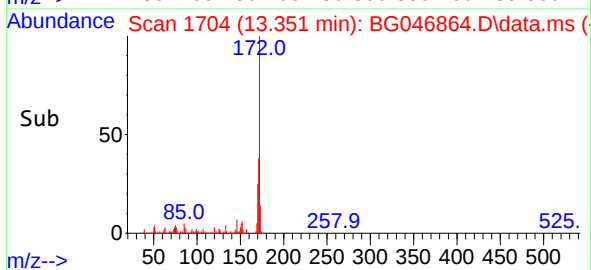
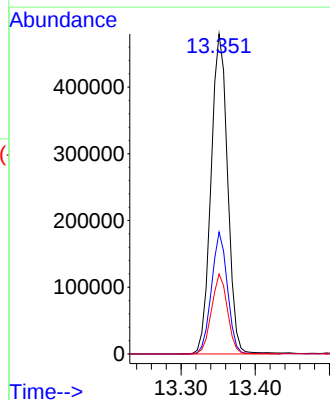
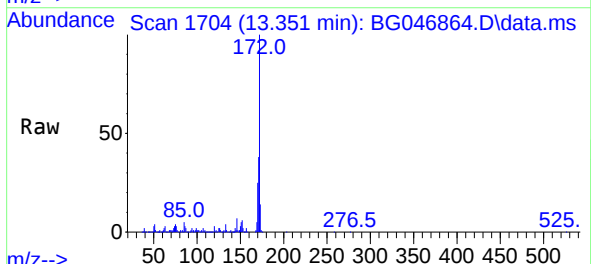
Instrument :
BNA_G
ClientSampleId :
QUAD-1

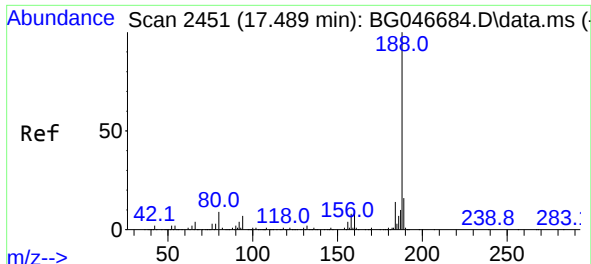
Tgt Ion:330 Resp: 214140
Ion Ratio Lower Upper
330 100
332 96.4 76.5 114.7
141 33.8 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 63.06 ng
RT: 13.351 min Scan# 1704
Delta R.T. -0.009 min
Lab File: BG046864.D
Acq: 13 Oct 2020 5:49

Tgt Ion:172 Resp: 746173
Ion Ratio Lower Upper
172 100
171 38.1 31.3 46.9
170 25.0 20.8 31.2

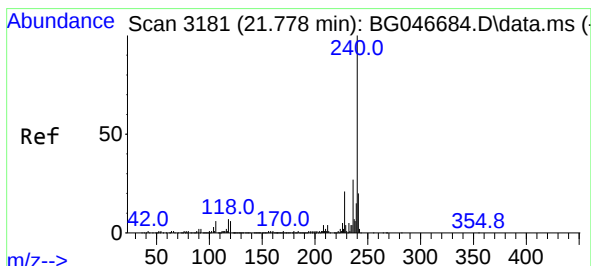
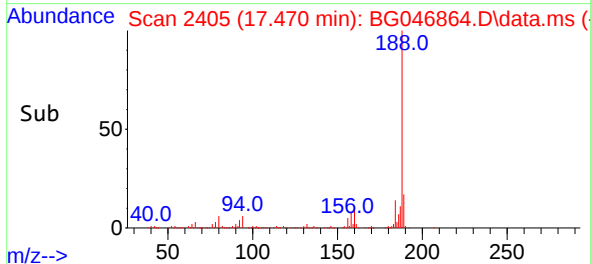
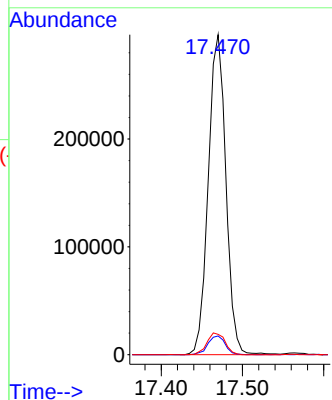
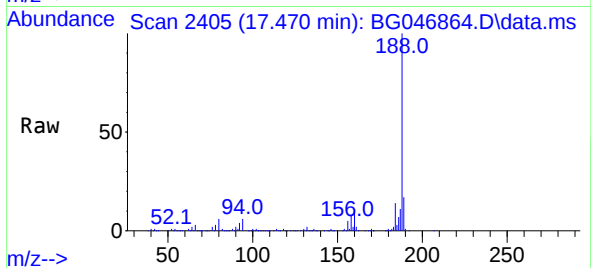




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.470 min Scan# 2405
Delta R.T. -0.009 min
Lab File: BG046864.D
Acq: 13 Oct 2020 5:49

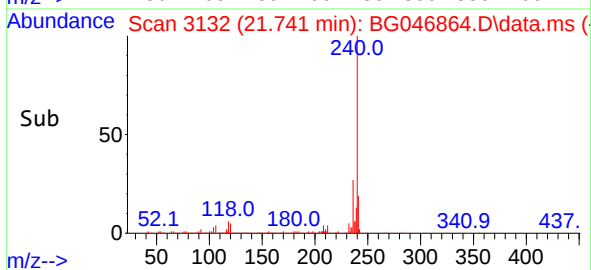
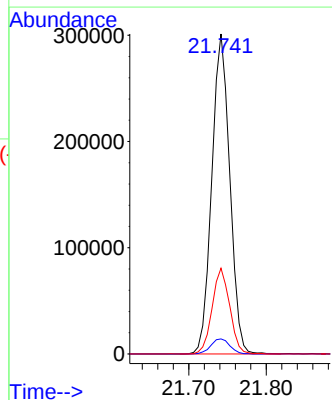
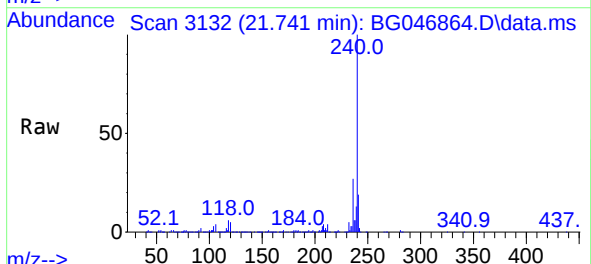
Instrument :
BNA_G
ClientSampleId :
QUAD-1

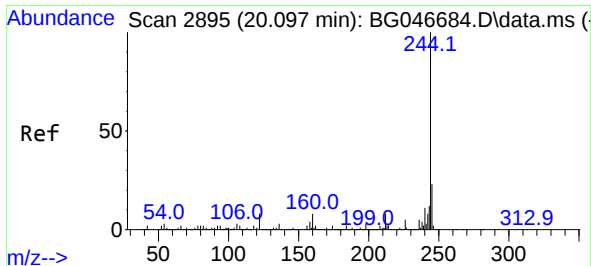
Tgt Ion:188 Resp: 446282
Ion Ratio Lower Upper
188 100
94 5.9 6.3 9.5#
80 6.3 7.0 10.6#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.741 min Scan# 3132
Delta R.T. -0.015 min
Lab File: BG046864.D
Acq: 13 Oct 2020 5:49

Tgt Ion:240 Resp: 486510
Ion Ratio Lower Upper
240 100
120 4.7 6.2 9.4#
236 26.8 20.5 30.7

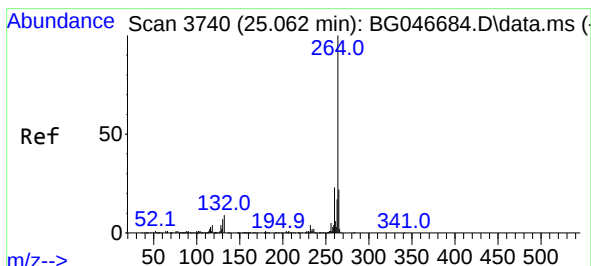
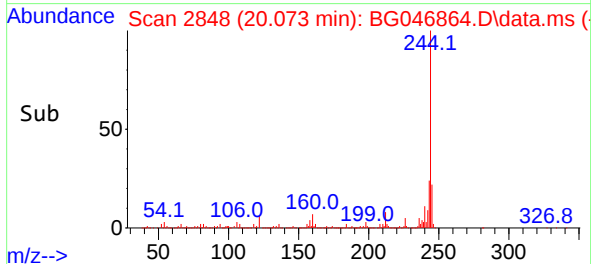
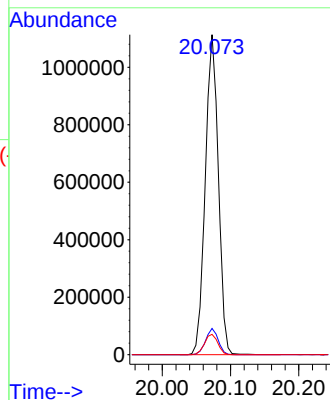
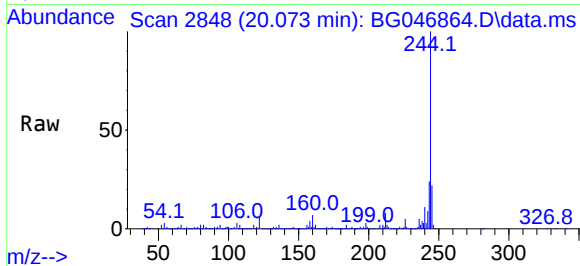




#79
 Terphenyl-d14
 Concen: 61.05 ng
 RT: 20.073 min Scan# 2848
 Delta R.T. -0.009 min
 Lab File: BG046864.D
 Acq: 13 Oct 2020 5:49

Instrument :
 BNA_G
 ClientSampleId :
 QUAD-1

Tgt Ion:244 Resp: 1481902
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.7 10.1
 122 6.4 7.8 11.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.008 min Scan# 3688
 Delta R.T. -0.021 min
 Lab File: BG046864.D
 Acq: 13 Oct 2020 5:49

Tgt Ion:264 Resp: 482840
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.8 28.2
 265 21.7 17.8 26.8

