

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101220\
 Data File : BG046854.D
 Acq On : 12 Oct 2020 19:44
 Operator : CG/JU
 Sample : L4311-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PAV-B10-100720-10-17

Quant Time: Oct 13 02:41:27 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	8.103	152	58590	20.00	ng	0.00
21) Naphthalene-d8	10.918	136	211710	20.00	ng	# 0.00
39) Acenaphthene-d10	14.725	164	150728	20.00	ng	-0.01
64) Phenanthrene-d10	17.469	188	422082	20.00	ng	#-0.01
76) Chrysene-d12	21.740	240	531753	20.00	ng	#-0.02
86) Perylene-d12	25.007	264	515763	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.665	112	472395	129.17	ng	0.00
7) Phenol-d6	7.257	99	596947	115.72	ng	0.00
23) Nitrobenzene-d5	9.267	82	444780	111.77	ng	0.00
42) 2,4,6-Tribromophenol	16.212	330	376340	189.36	ng	0.00
45) 2-Fluorobiphenyl	13.350	172	994401	93.40	ng	-0.01
79) Terphenyl-d14	20.078	244	2302863	86.80	ng	0.00

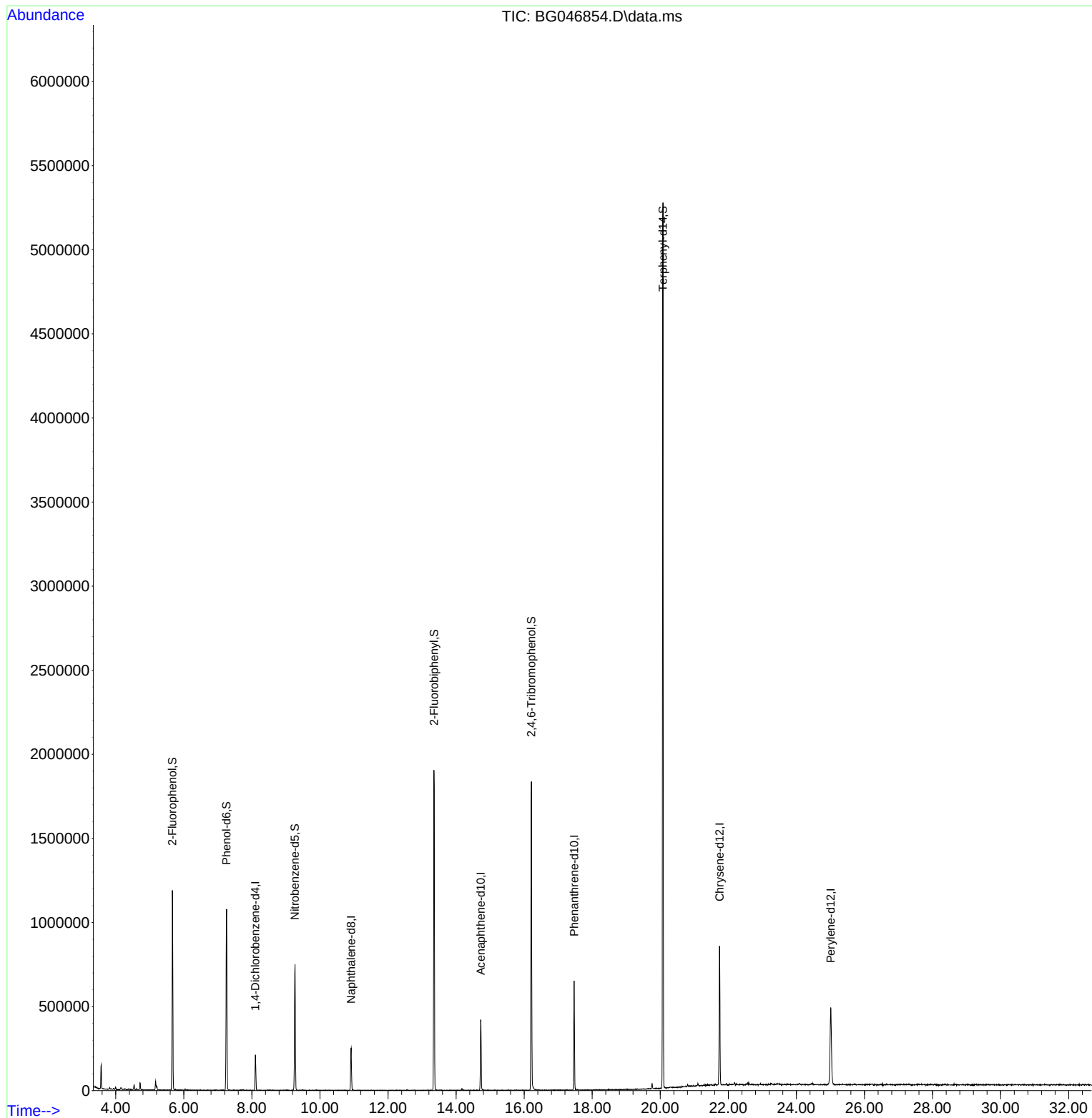
Target Compounds	Qvalue
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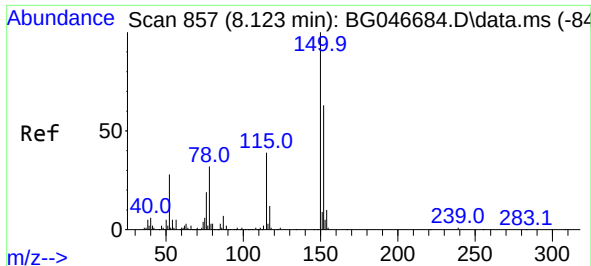
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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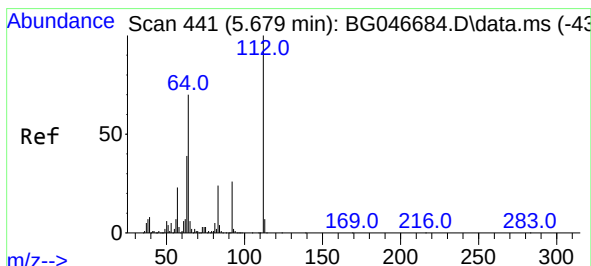
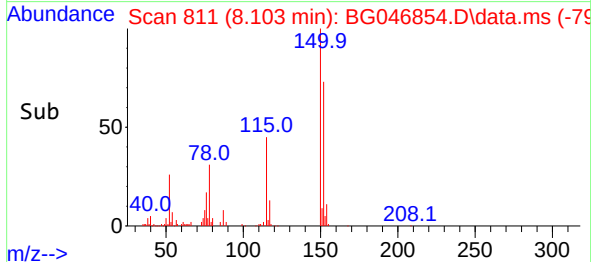
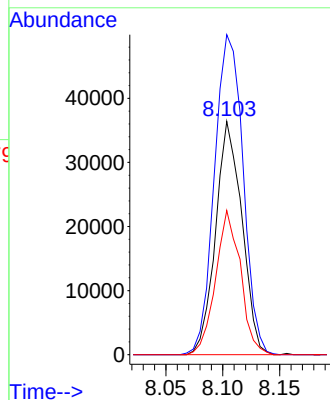
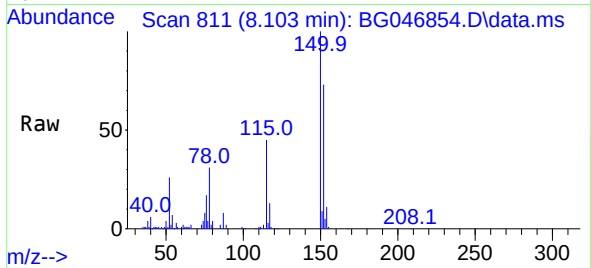




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.103 min Scan# 811
Delta R.T. -0.005 min
Lab File: BG046854.D
Acq: 12 Oct 2020 19:44

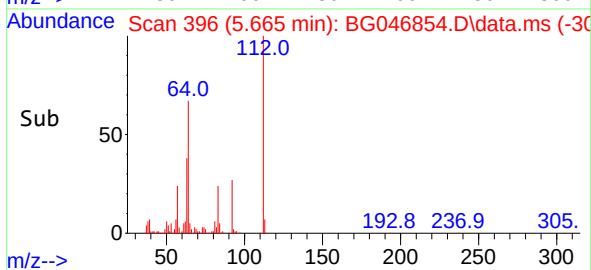
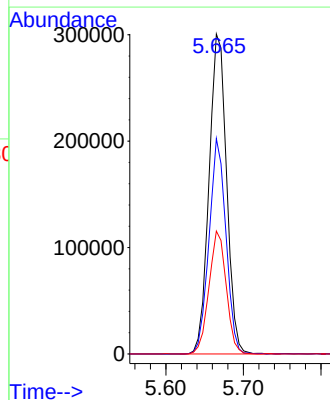
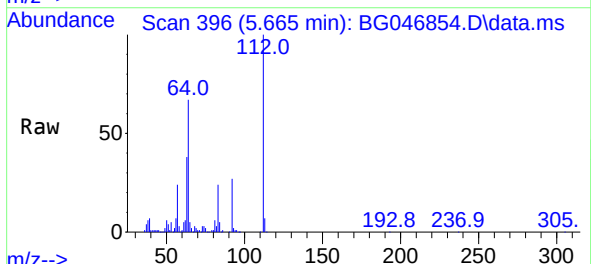
Instrument :
BNA_G
ClientSampleId :
PAV-B10-100720-10-17

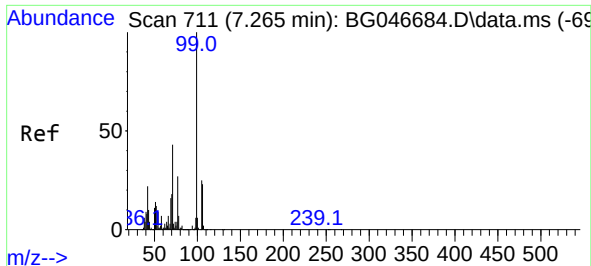
Tgt Ion:152 Resp: 58590
Ion Ratio Lower Upper
152 100
150 137.1 125.0 187.6
115 61.8 41.8 62.6



#5
2-Fluorophenol
Concen: 129.17 ng
RT: 5.665 min Scan# 396
Delta R.T. -0.004 min
Lab File: BG046854.D
Acq: 12 Oct 2020 19:44

Tgt Ion:112 Resp: 472395
Ion Ratio Lower Upper
112 100
64 67.3 46.7 70.1
63 38.4 22.8 34.2#

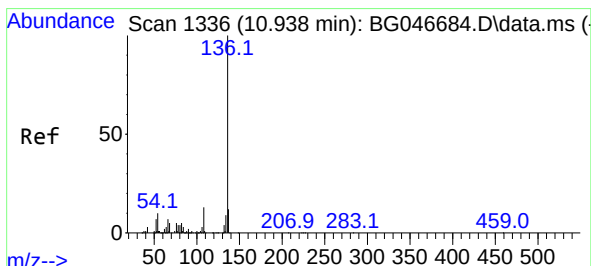
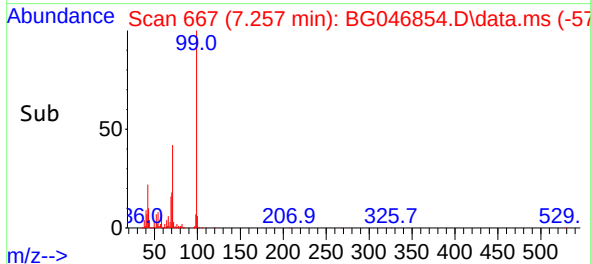
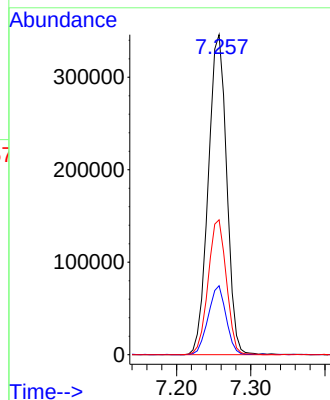
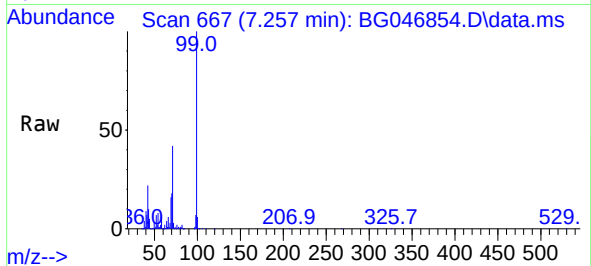




#7
Phenol-d6
Concen: 115.72 ng
RT: 7.257 min Scan# 667
Delta R.T. 0.001 min
Lab File: BG046854.D
Acq: 12 Oct 2020 19:44

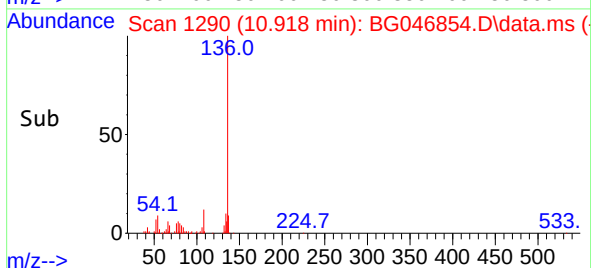
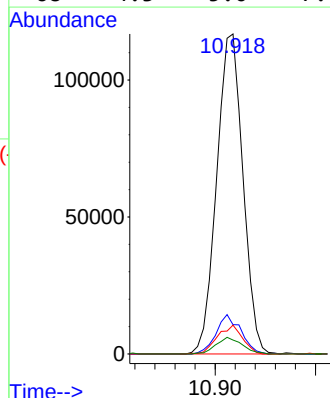
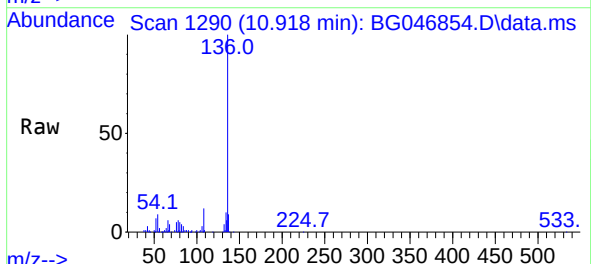
Instrument :
BNA_G
ClientSampleId :
PAV-B10-100720-10-17

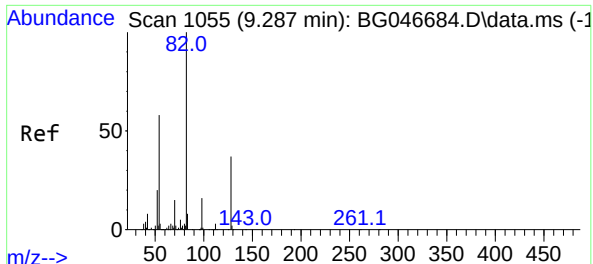
Tgt Ion:	99	Resp:	596947
Ion	Ratio	Lower	Upper
99	100		
42	21.5	12.8	19.2#
71	42.2	24.6	36.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.918 min Scan# 1290
Delta R.T. -0.004 min
Lab File: BG046854.D
Acq: 12 Oct 2020 19:44

Tgt Ion:	136	Resp:	211710
Ion	Ratio	Lower	Upper
136	100		
137	9.2	9.1	13.7
54	9.0	6.2	9.4
68	4.3	5.0	7.4#

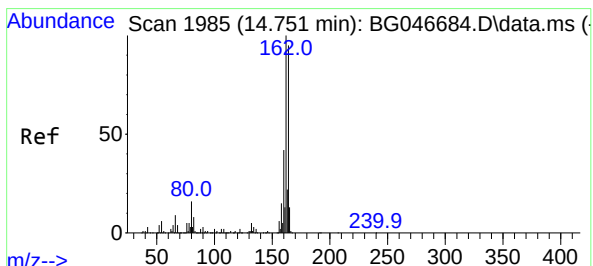
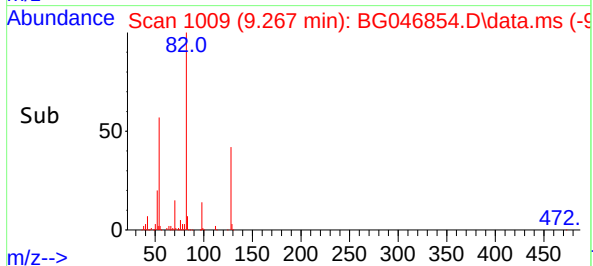
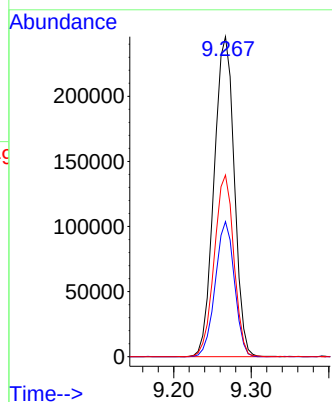
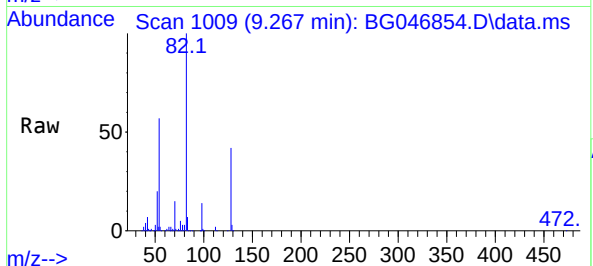




#23
Nitrobenzene-d5
Concen: 111.77 ng
RT: 9.267 min Scan# 1009
Delta R.T. -0.004 min
Lab File: BG046854.D
Acq: 12 Oct 2020 19:44

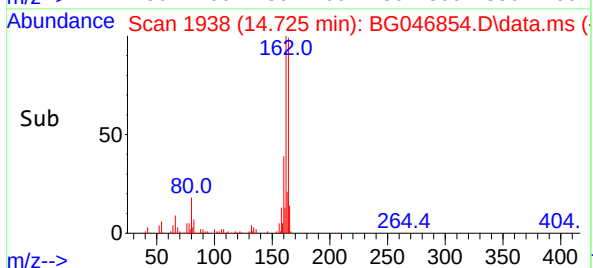
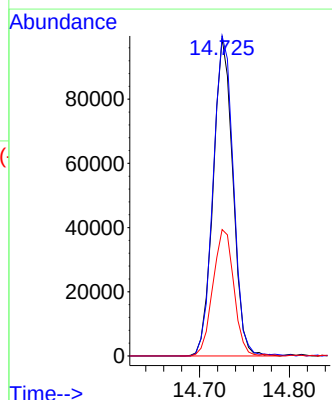
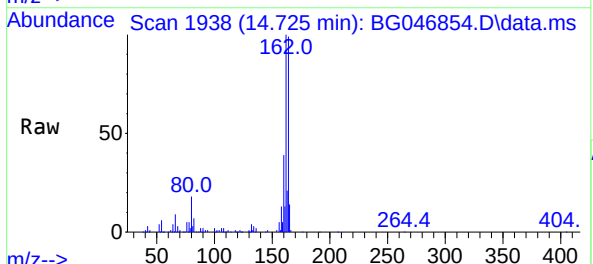
Instrument :
BNA_G
ClientSampleId :
PAV-B10-100720-10-17

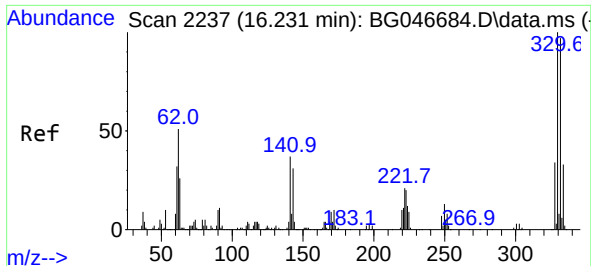
Tgt Ion: 82 Resp: 444780
Ion Ratio Lower Upper
82 100
128 42.2 37.0 55.6
54 56.7 39.0 58.4



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.725 min Scan# 1938
Delta R.T. -0.010 min
Lab File: BG046854.D
Acq: 12 Oct 2020 19:44

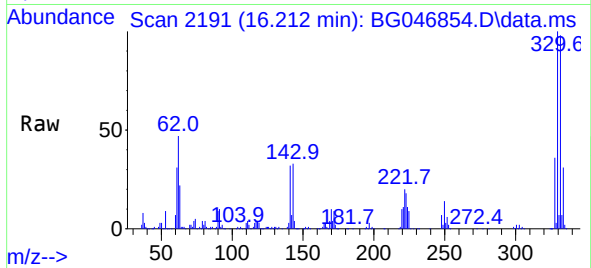
Tgt Ion:164 Resp: 150728
Ion Ratio Lower Upper
164 100
162 100.8 82.3 123.5
160 39.8 35.3 52.9



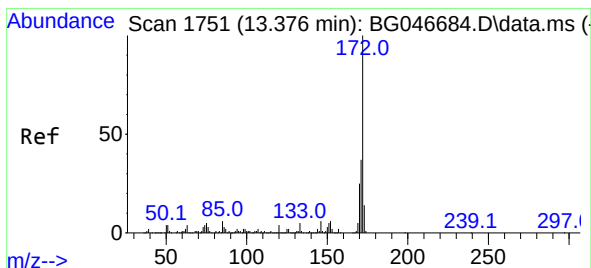
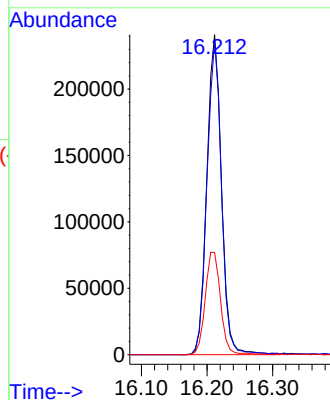
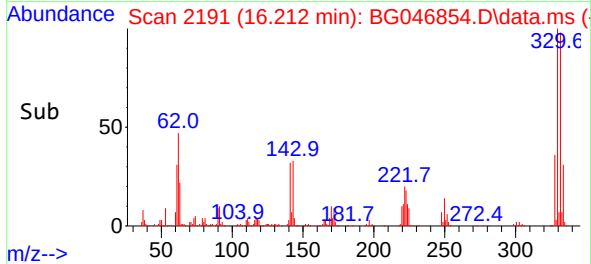


#42
2,4,6-Tribromophenol
Concen: 189.36 ng
RT: 16.212 min Scan# 2191
Delta R.T. -0.004 min
Lab File: BG046854.D
Acq: 12 Oct 2020 19:44

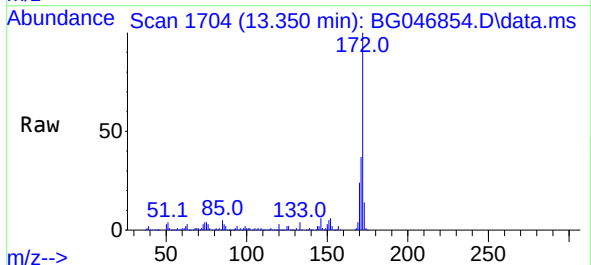
Instrument :
BNA_G
ClientSampleId :
PAV-B10-100720-10-17



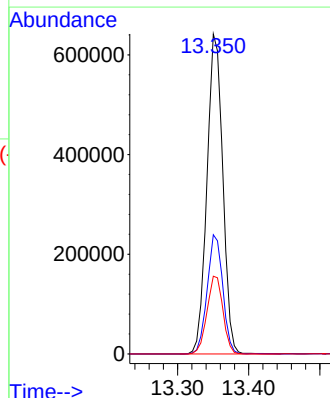
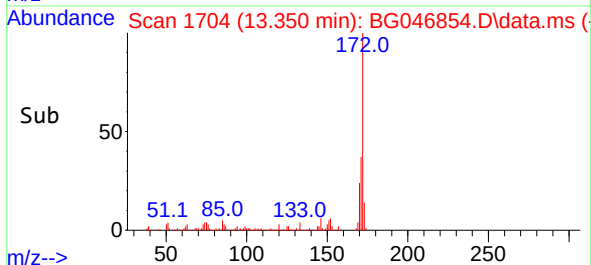
Tgt Ion:330 Resp: 376340
Ion Ratio Lower Upper
330 100
332 96.2 76.5 114.7
141 33.4 26.0 39.0

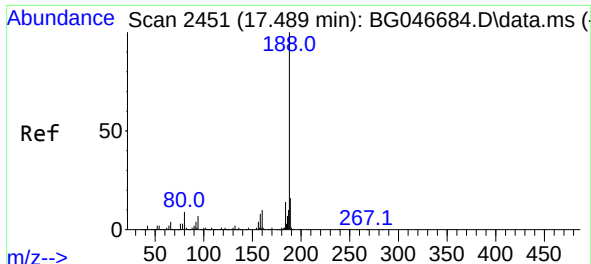


#45
2-Fluorobiphenyl
Concen: 93.40 ng
RT: 13.350 min Scan# 1704
Delta R.T. -0.010 min
Lab File: BG046854.D
Acq: 12 Oct 2020 19:44



Tgt Ion:172 Resp: 994401
Ion Ratio Lower Upper
172 100
171 37.2 31.3 46.9
170 24.3 20.8 31.2

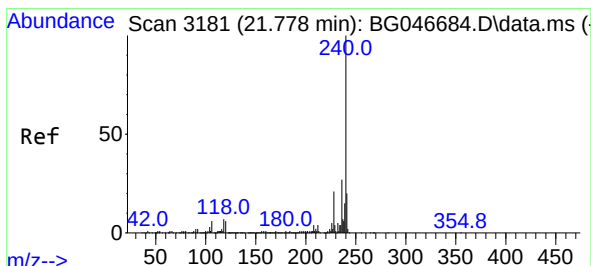
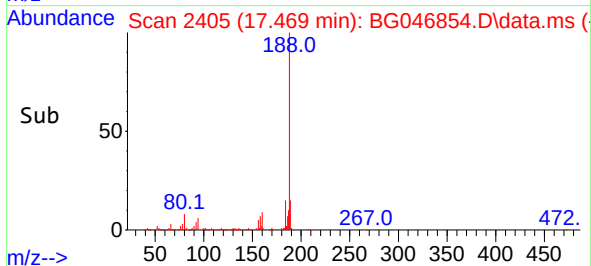
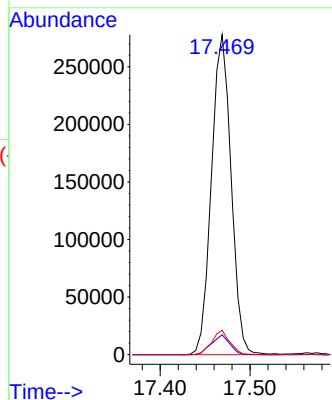
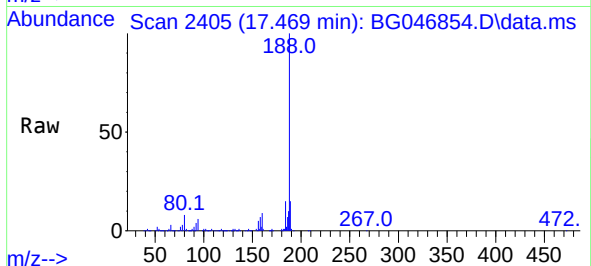




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.469 min Scan# 2405
Delta R.T. -0.010 min
Lab File: BG046854.D
Acq: 12 Oct 2020 19:44

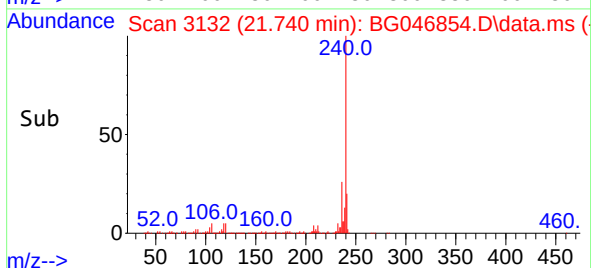
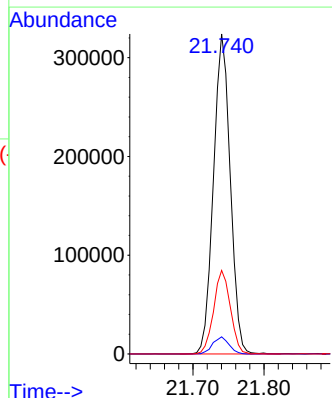
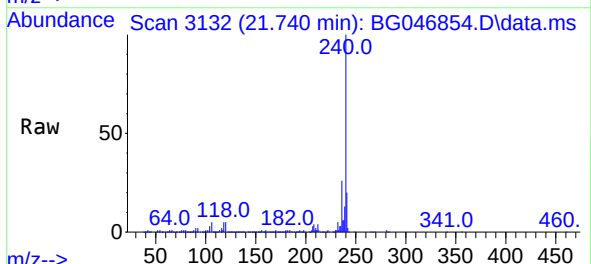
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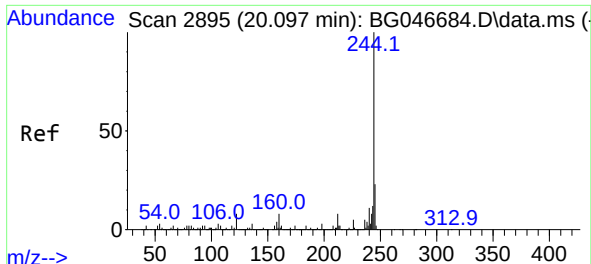
Tgt Ion:188 Resp: 422082
Ion Ratio Lower Upper
188 100
94 6.2 6.3 9.5#
80 7.6 7.0 10.6



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.740 min Scan# 3132
Delta R.T. -0.016 min
Lab File: BG046854.D
Acq: 12 Oct 2020 19:44

Tgt Ion:240 Resp: 531753
Ion Ratio Lower Upper
240 100
120 5.3 6.2 9.4#
236 26.1 20.5 30.7

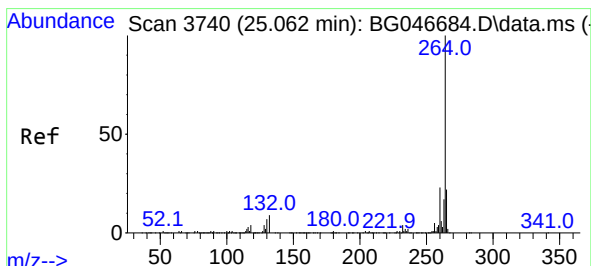
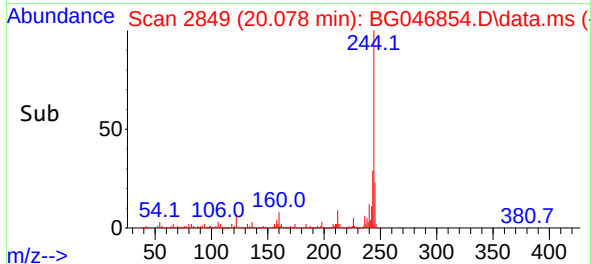
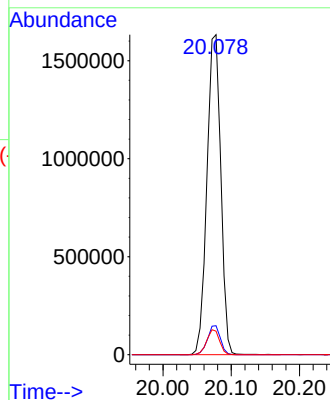
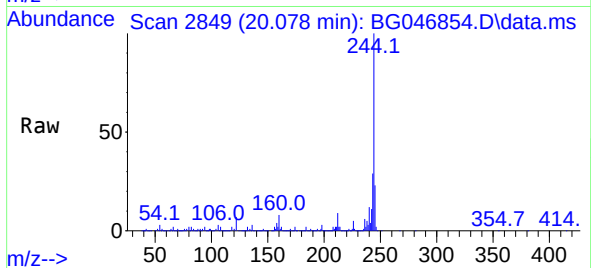




#79
Terphenyl-d14
Concen: 86.80 ng
RT: 20.078 min Scan# 2849
Delta R.T. -0.004 min
Lab File: BG046854.D
Acq: 12 Oct 2020 19:44

Instrument :
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ClientSampleId :
PAV-B10-100720-10-17

Tgt Ion:244 Resp: 2302863
Ion Ratio Lower Upper
244 100
212 9.1 6.7 10.1
122 7.3 7.8 11.6#



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.007 min Scan# 3688
Delta R.T. -0.022 min
Lab File: BG046854.D
Acq: 12 Oct 2020 19:44

Tgt Ion:264 Resp: 515763
Ion Ratio Lower Upper
264 100
260 23.7 18.8 28.2
265 20.7 17.8 26.8

