

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041321\
 Data File : BG048676.D
 Acq On : 13 Apr 2021 16:17
 Operator : CG/JU
 Sample : PB135702TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB135702TB

Quant Time: Apr 14 00:30:24 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 07 10:06:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.080	152	16053	20.00	ng	-0.02
21) Naphthalene-d8	10.912	136	62955	20.00	ng	#-0.01
39) Acenaphthene-d10	14.732	164	43581	20.00	ng	-0.02
64) Phenanthrene-d10	17.493	188	116070	20.00	ng	# 0.00
76) Chrysene-d12	21.788	240	140404	20.00	ng	#-0.01
86) Perylene-d12	25.131	264	130409	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.630	112	132857	146.12	ng	0.00
7) Phenol-d6	7.240	99	168816	128.02	ng	0.00
23) Nitrobenzene-d5	9.256	82	133375	102.57	ng	0.00
42) 2,4,6-Tribromophenol	16.230	330	86902	151.69	ng	0.00
45) 2-Fluorobiphenyl	13.357	172	291177	99.31	ng	-0.01
79) Terphenyl-d14	20.102	244	676130	88.07	ng	0.00

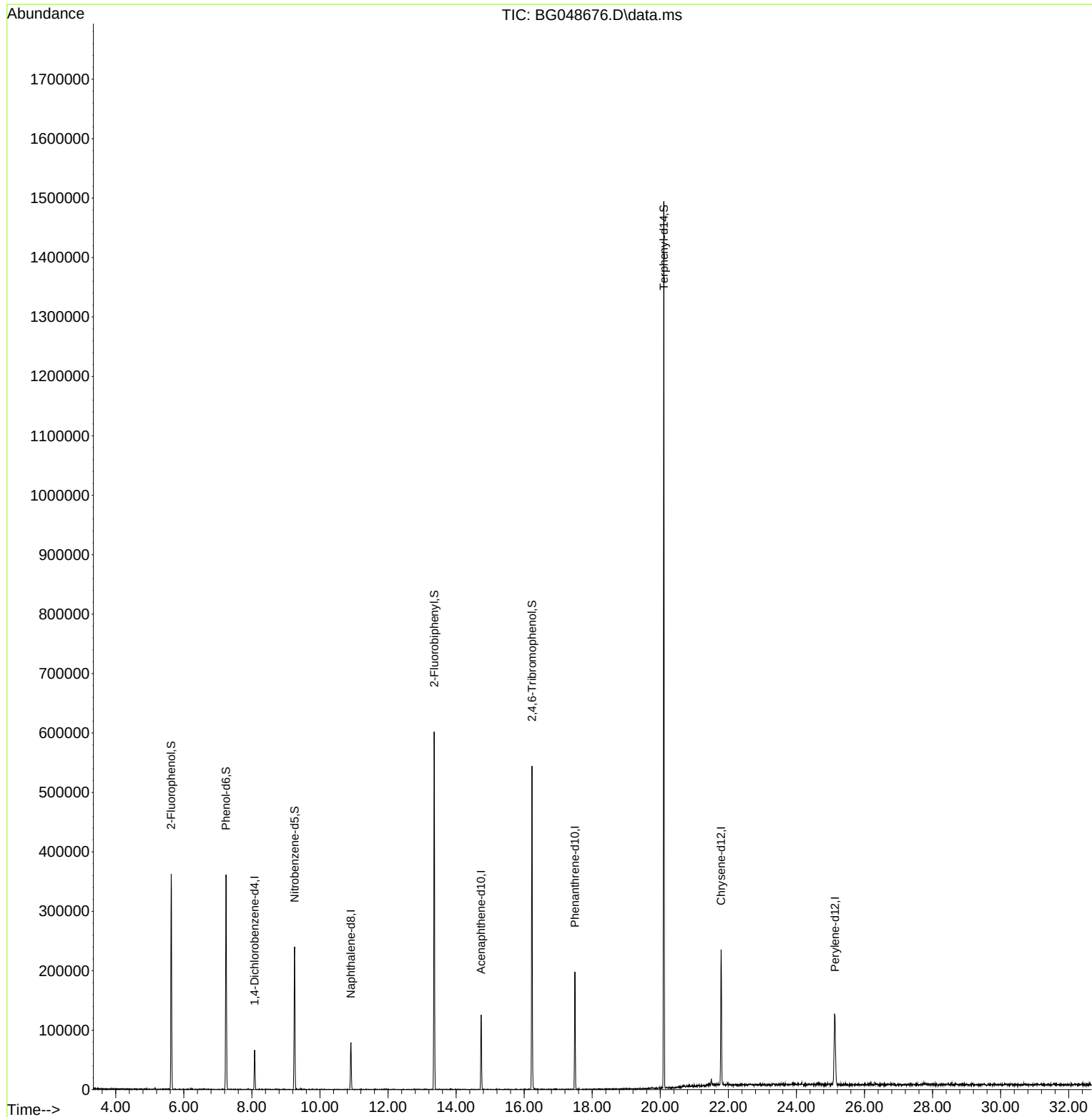
Target Compounds	Qvalue

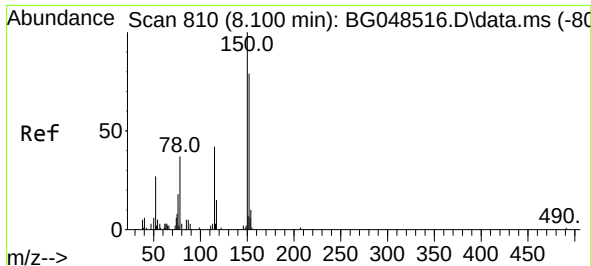
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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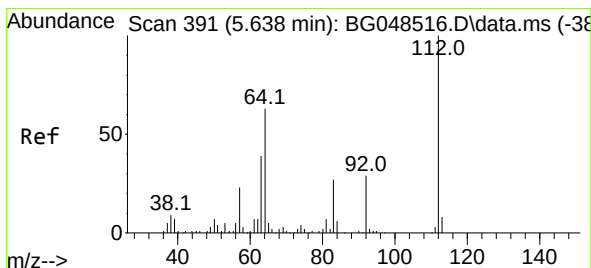
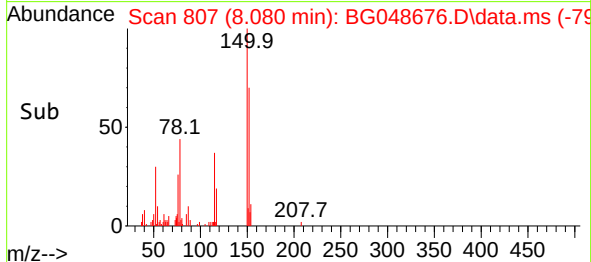
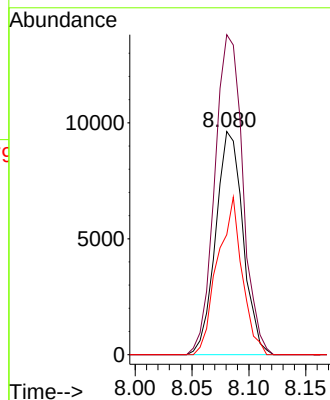
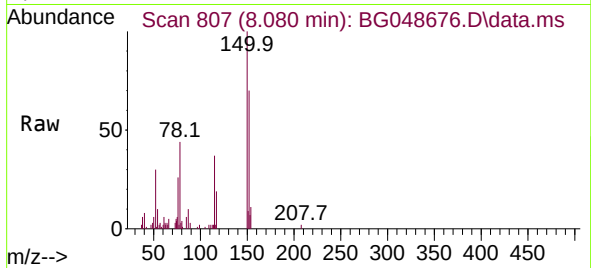




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.080 min Scan# 807
Delta R.T. -0.020 min
Lab File: BG048676.D
Acq: 13 Apr 2021 16:17

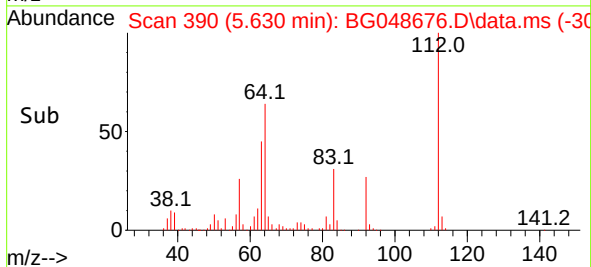
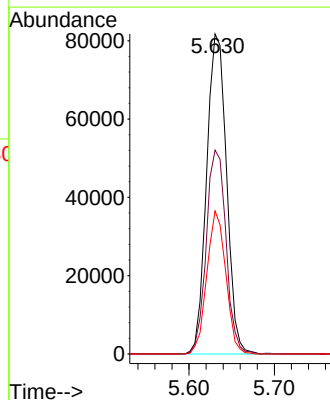
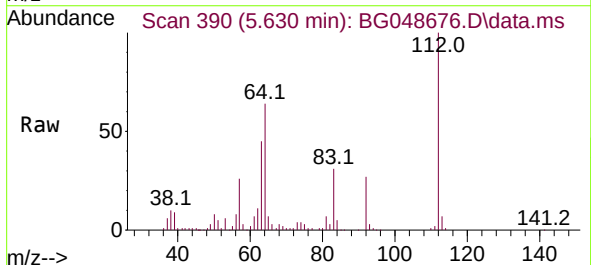
Instrument :
BNA_G
ClientSampleId :
PB135702TB

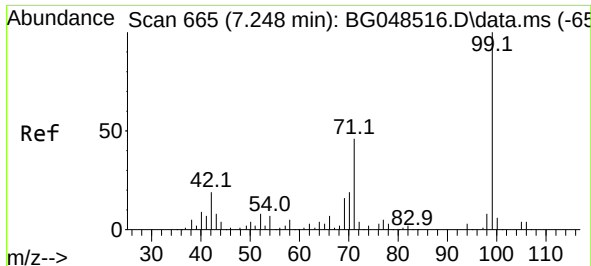
Tgt Ion:152 Resp: 16053
Ion Ratio Lower Upper
152 100
150 143.4 101.3 151.9
115 53.7 42.3 63.5



#5
2-Fluorophenol
Concen: 146.12 ng
RT: 5.630 min Scan# 390
Delta R.T. -0.008 min
Lab File: BG048676.D
Acq: 13 Apr 2021 16:17

Tgt Ion:112 Resp: 132857
Ion Ratio Lower Upper
112 100
64 63.7 50.4 75.6
63 44.7 31.4 47.2

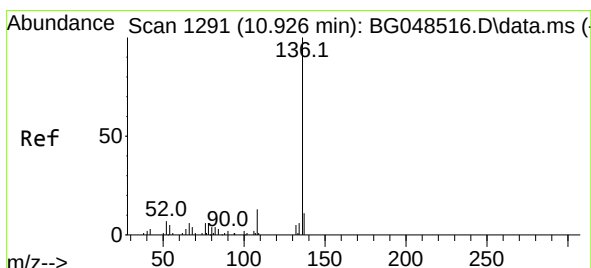
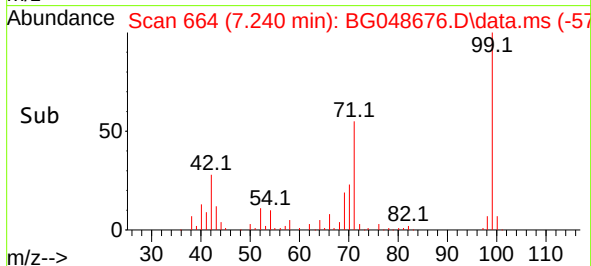
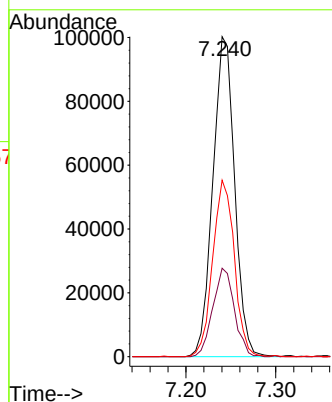
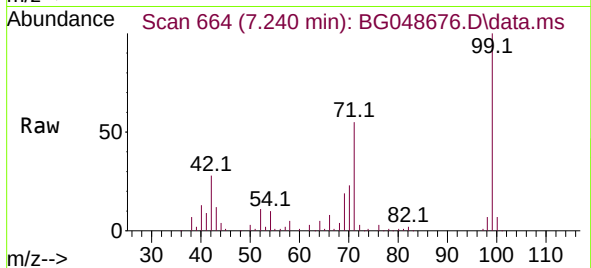




#7
Phenol-d6
Concen: 128.02 ng
RT: 7.240 min Scan# 664
Delta R.T. -0.008 min
Lab File: BG048676.D
Acq: 13 Apr 2021 16:17

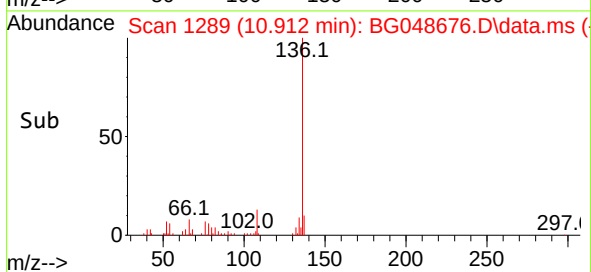
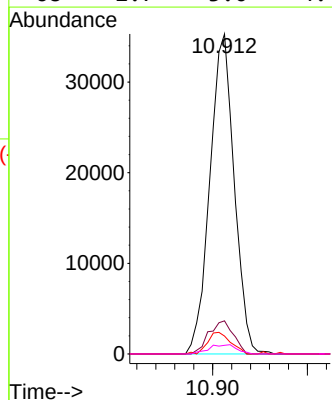
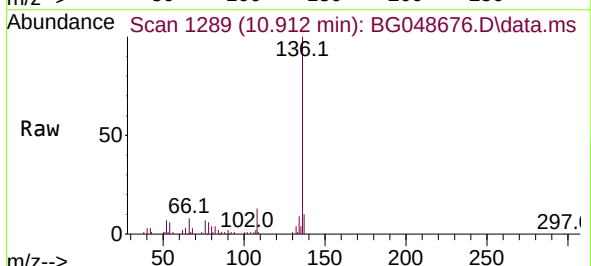
Instrument :
BNA_G
ClientSampleId :
PB135702TB

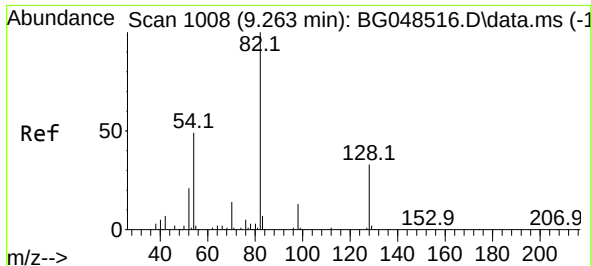
Tgt Ion: 99 Resp: 168816
Ion Ratio Lower Upper
99 100
42 27.7 15.5 23.3#
71 55.1 36.6 54.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.912 min Scan# 1289
Delta R.T. -0.014 min
Lab File: BG048676.D
Acq: 13 Apr 2021 16:17

Tgt Ion: 136 Resp: 62955
Ion Ratio Lower Upper
136 100
137 10.3 8.6 12.8
54 5.6 4.2 6.4
68 2.7 3.0 4.4#

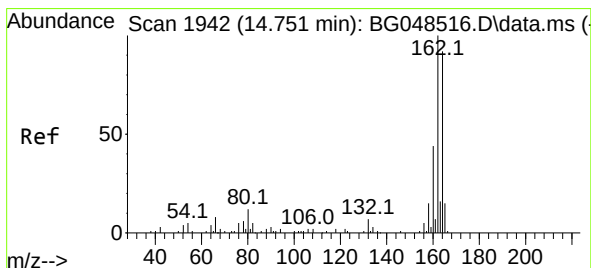
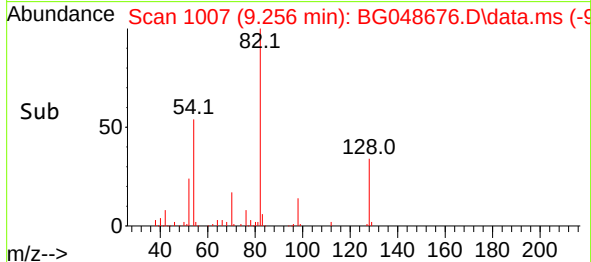
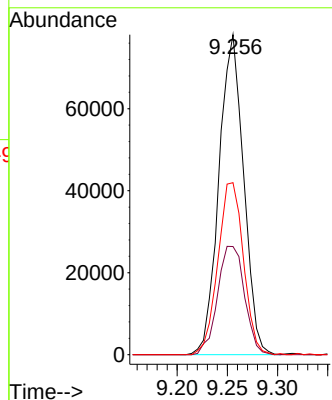
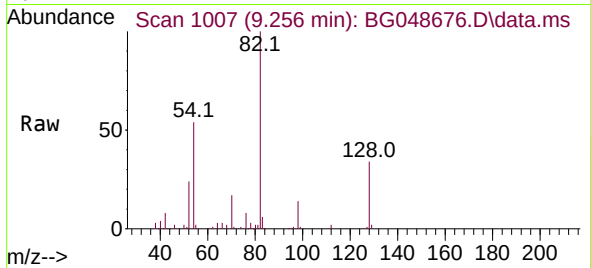




#23
Nitrobenzene-d5
Concen: 102.57 ng
RT: 9.256 min Scan# 1007
Delta R.T. -0.008 min
Lab File: BG048676.D
Acq: 13 Apr 2021 16:17

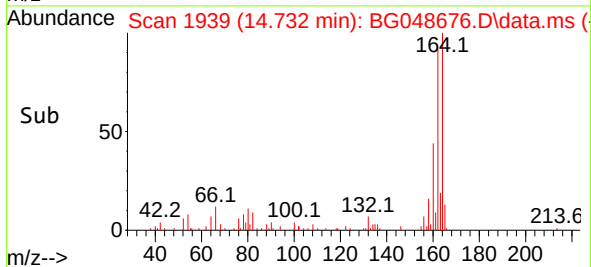
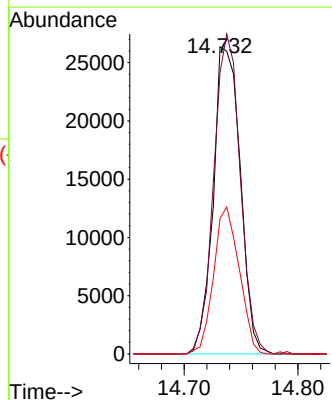
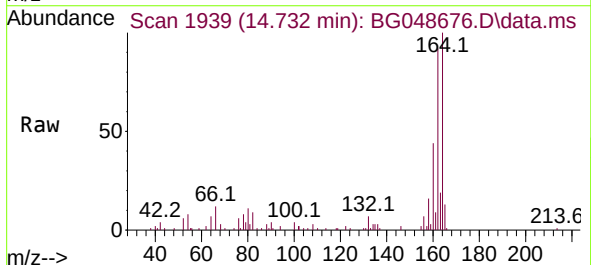
Instrument :
BNA_G
ClientSampleId :
PB135702TB

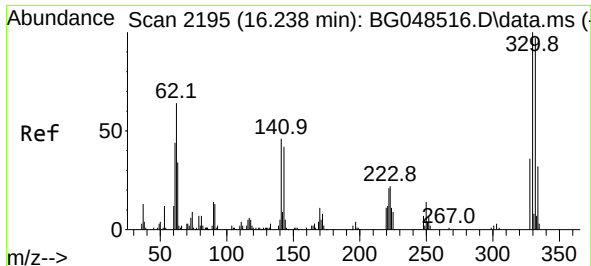
Tgt Ion: 82 Resp: 133375
Ion Ratio Lower Upper
82 100
128 33.8 26.2 39.4
54 53.8 38.9 58.3



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.732 min Scan# 1939
Delta R.T. -0.020 min
Lab File: BG048676.D
Acq: 13 Apr 2021 16:17

Tgt Ion: 164 Resp: 43581
Ion Ratio Lower Upper
164 100
162 91.5 87.0 130.6
160 44.1 38.4 57.6

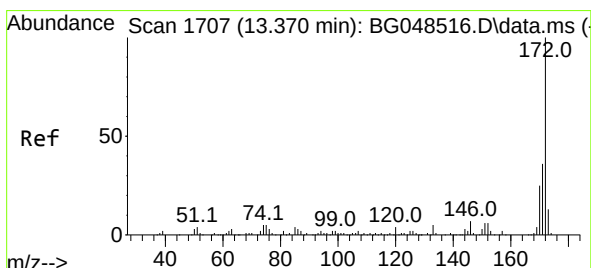
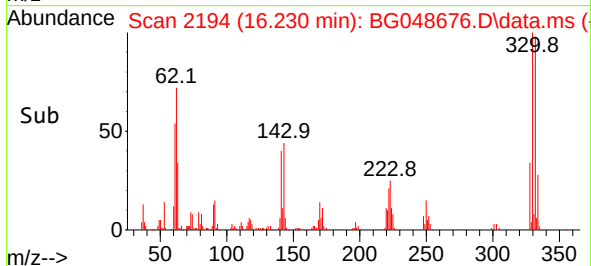
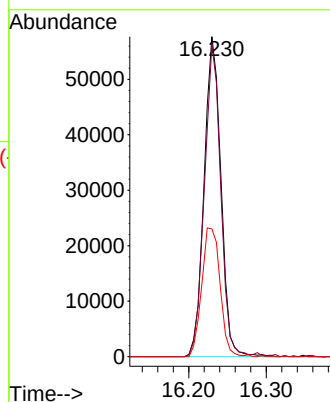
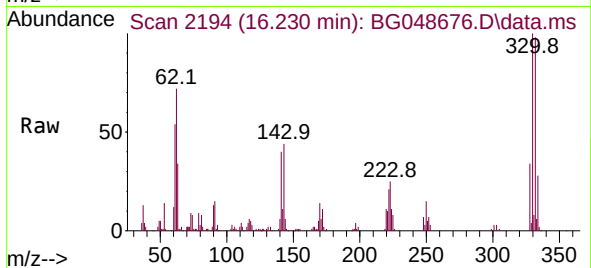




#42
2,4,6-Tribromophenol
Concen: 151.69 ng
RT: 16.230 min Scan# 2194
Delta R.T. -0.008 min
Lab File: BG048676.D
Acq: 13 Apr 2021 16:17

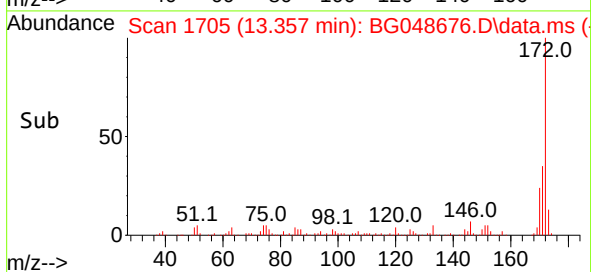
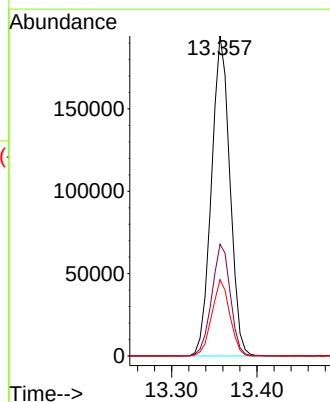
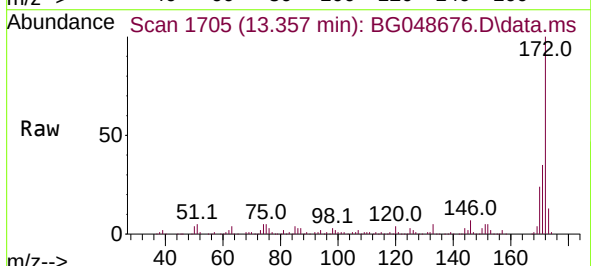
Instrument :
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ClientSampleId :
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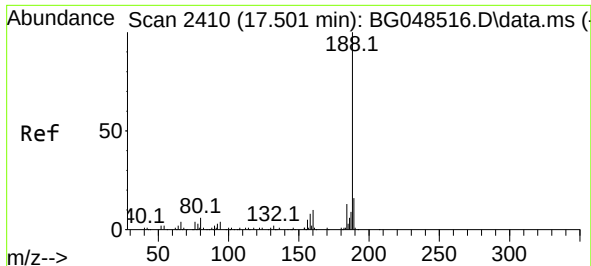
Tgt Ion:330 Resp: 86902
Ion Ratio Lower Upper
330 100
332 94.6 77.6 116.4
141 43.8 34.6 52.0



#45
2-Fluorobiphenyl
Concen: 99.31 ng
RT: 13.357 min Scan# 1705
Delta R.T. -0.014 min
Lab File: BG048676.D
Acq: 13 Apr 2021 16:17

Tgt Ion:172 Resp: 291177
Ion Ratio Lower Upper
172 100
171 34.9 28.5 42.7
170 23.8 19.8 29.6

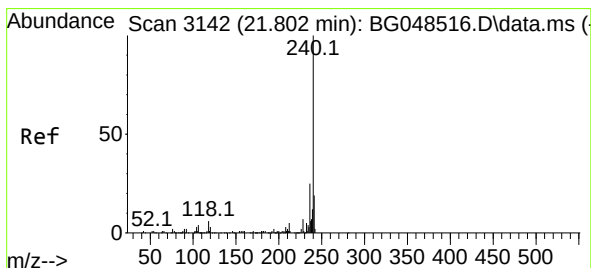
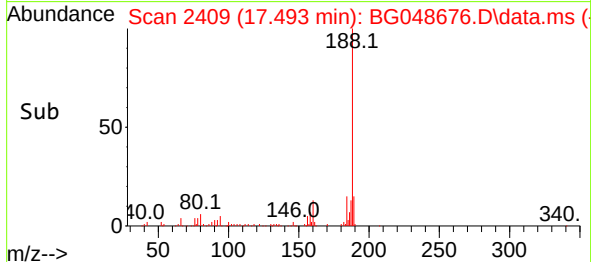
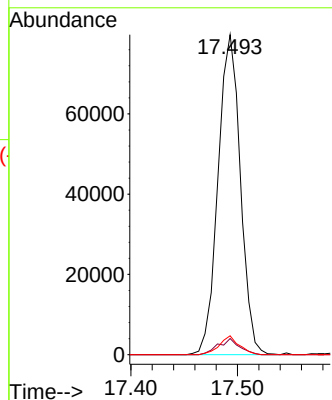
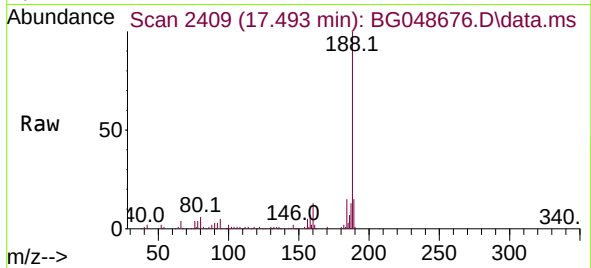




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.493 min Scan# 2409
Delta R.T. -0.008 min
Lab File: BG048676.D
Acq: 13 Apr 2021 16:17

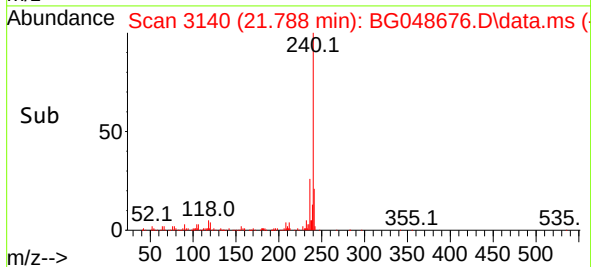
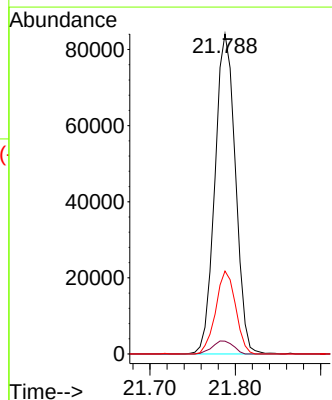
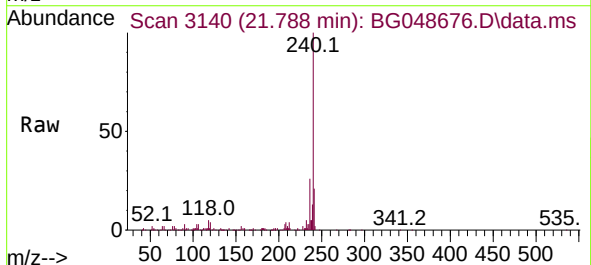
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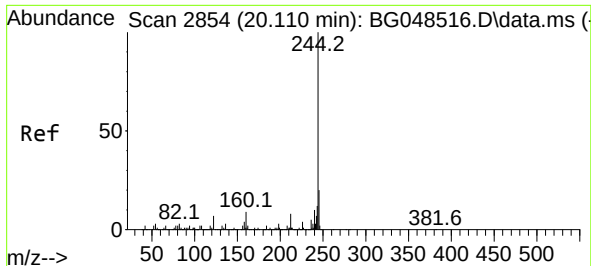
Tgt Ion:188 Resp: 116070
Ion Ratio Lower Upper
188 100
94 5.0 3.0 4.6#
80 5.9 4.5 6.7



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.788 min Scan# 3140
Delta R.T. -0.014 min
Lab File: BG048676.D
Acq: 13 Apr 2021 16:17

Tgt Ion:240 Resp: 140404
Ion Ratio Lower Upper
240 100
120 4.0 2.6 3.8#
236 25.9 19.8 29.6

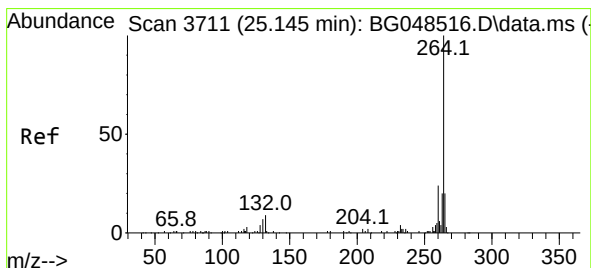
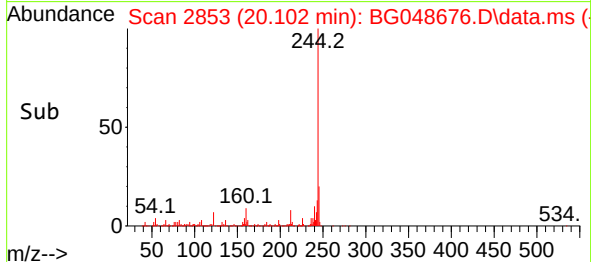
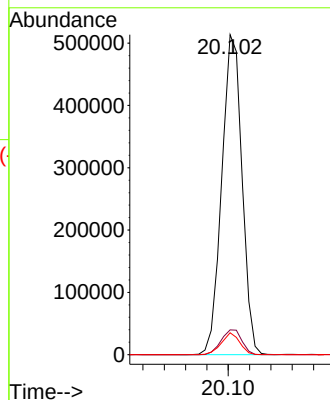
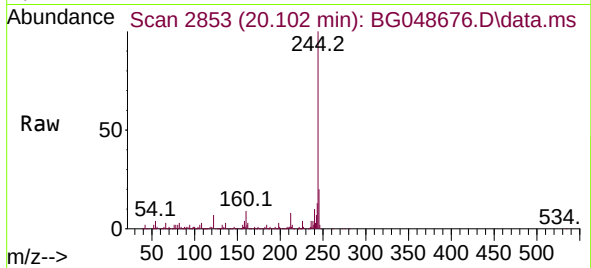




#79
Terphenyl-d14
Concen: 88.07 ng
RT: 20.102 min Scan# 2853
Delta R.T. -0.008 min
Lab File: BG048676.D
Acq: 13 Apr 2021 16:17

Instrument :
BNA_G
ClientSampleId :
PB135702TB

Tgt Ion:244	Resp: 676130
Ion Ratio	Lower Upper
244 100	
212 7.8	6.0 9.0
122 6.9	5.8 8.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.131 min Scan# 3709
Delta R.T. -0.014 min
Lab File: BG048676.D
Acq: 13 Apr 2021 16:17

Tgt Ion:264	Resp: 130409
Ion Ratio	Lower Upper
264 100	
260 19.4	19.1 28.7
265 21.1	16.1 24.1

