

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032321\
 Data File : BG048477.D
 Acq On : 23 Mar 2021 19:51
 Operator : CG/JU
 Sample : M1765-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RBR-54

Quant Time: Mar 24 02:20:31 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 22 11:22:24 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.102	152	36118	20.00	ng	# 0.00
21) Naphthalene-d8	10.922	136	154198	20.00	ng	0.00
39) Acenaphthene-d10	14.741	164	116919	20.00	ng	0.00
64) Phenanthrene-d10	17.497	188	293000	20.00	ng	# 0.00
76) Chrysene-d12	21.786	240	282538	20.00	ng	# 0.00
86) Perylene-d12	25.117	264	297208	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.652	112	223450	102.31	ng	0.00
7) Phenol-d6	7.250	99	309435	97.36	ng	0.00
23) Nitrobenzene-d5	9.265	82	228520	59.26	ng	0.00
42) 2,4,6-Tribromophenol	16.228	330	184666	97.12	ng	0.00
45) 2-Fluorobiphenyl	13.366	172	444024	54.63	ng	0.00
79) Terphenyl-d14	20.100	244	848604	54.17	ng	0.00

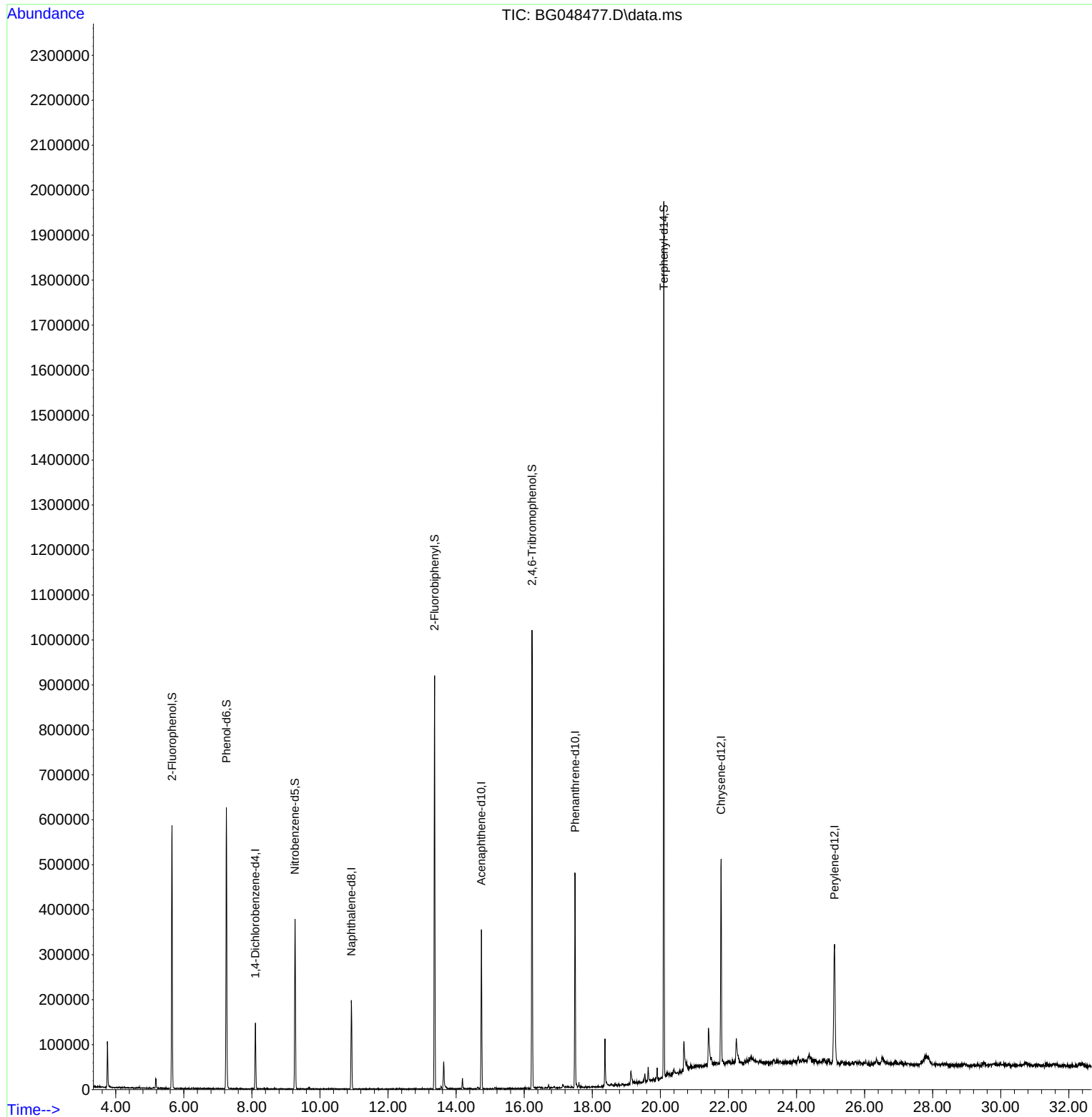
Target Compounds	Qvalue

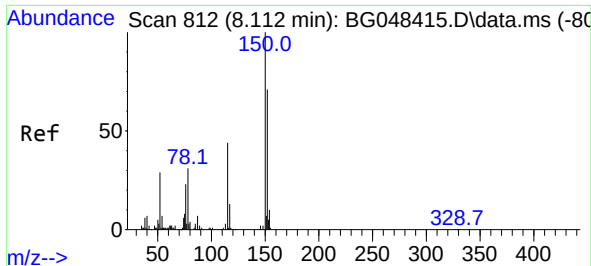
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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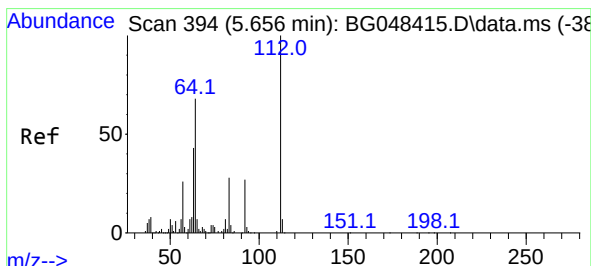
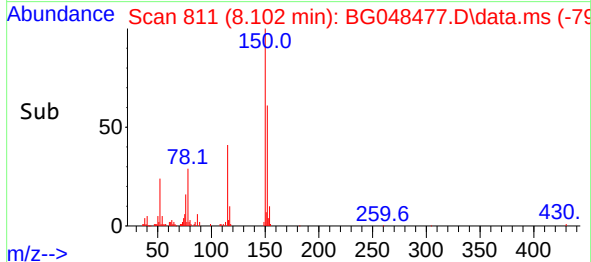
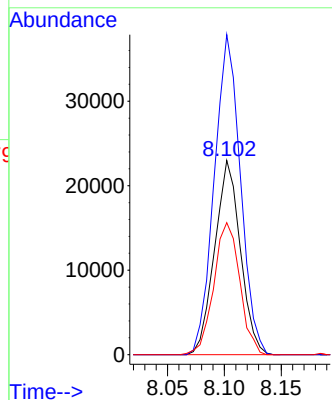
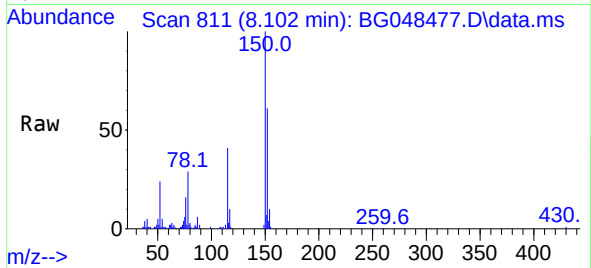




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.102 min Scan# 811
Delta R.T. -0.001 min
Lab File: BG048477.D
Acq: 23 Mar 2021 19:51

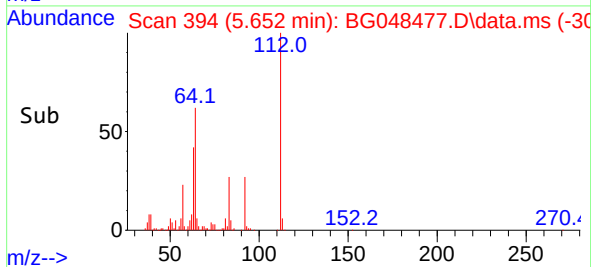
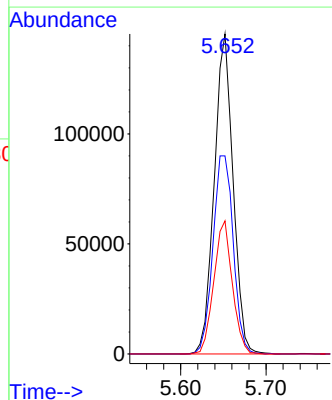
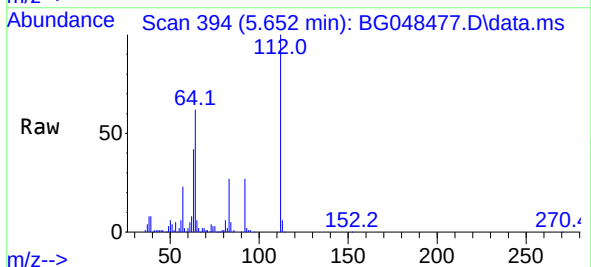
Instrument :
BNA_G
ClientSampleId :
RBR-54

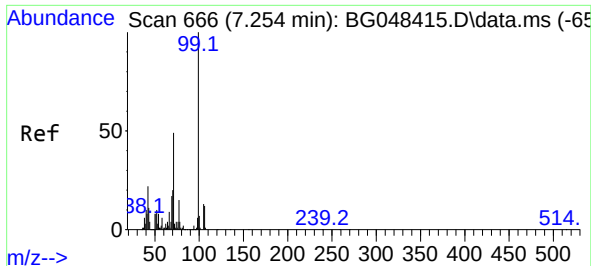
Tgt Ion:152 Resp: 36118
Ion Ratio Lower Upper
152 100
150 164.8 125.0 187.6
115 68.0 41.8 62.6#



#5
2-Fluorophenol
Concen: 102.31 ng
RT: 5.652 min Scan# 394
Delta R.T. 0.005 min
Lab File: BG048477.D
Acq: 23 Mar 2021 19:51

Tgt Ion:112 Resp: 223450
Ion Ratio Lower Upper
112 100
64 61.9 46.7 70.1
63 41.6 22.8 34.2#

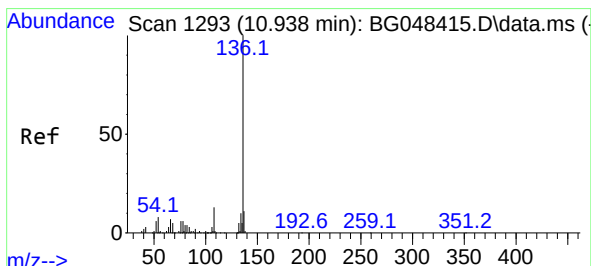
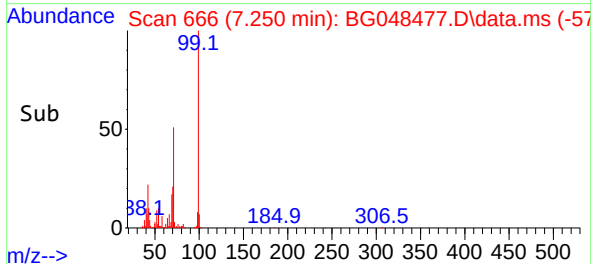
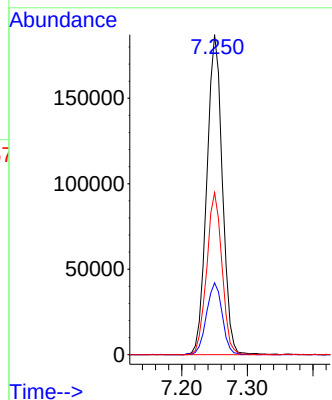
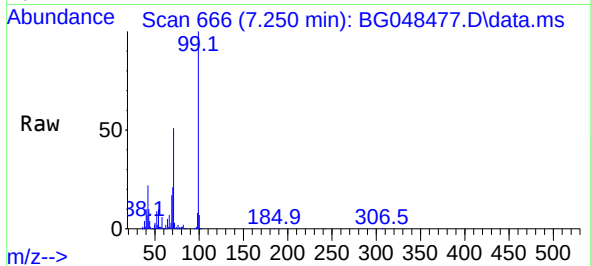




#7
Phenol-d6
Concen: 97.36 ng
RT: 7.250 min Scan# 666
Delta R.T. -0.001 min
Lab File: BG048477.D
Acq: 23 Mar 2021 19:51

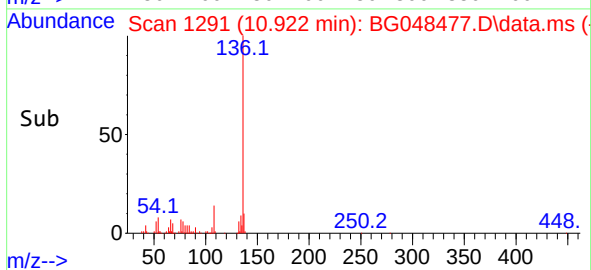
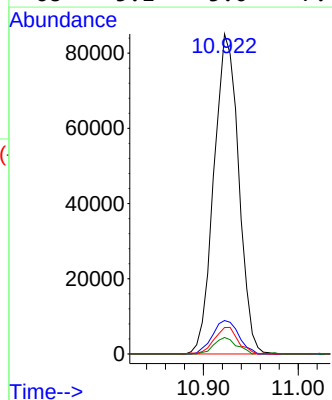
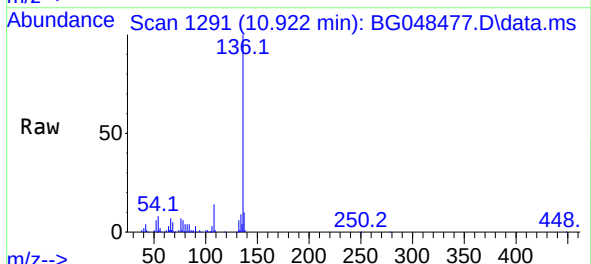
Instrument :
BNA_G
ClientSampleId :
RBR-54

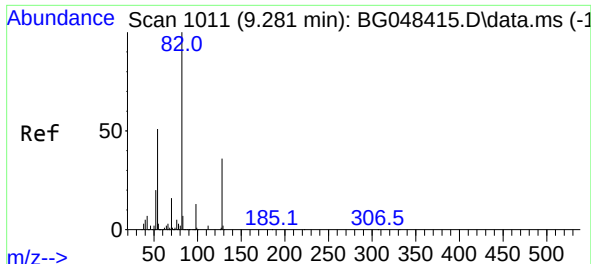
Tgt Ion: 99 Resp: 309435
Ion Ratio Lower Upper
99 100
42 22.5 12.8 19.2#
71 50.7 24.6 36.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.922 min Scan# 1291
Delta R.T. -0.007 min
Lab File: BG048477.D
Acq: 23 Mar 2021 19:51

Tgt Ion: 136 Resp: 154198
Ion Ratio Lower Upper
136 100
137 10.4 9.1 13.7
54 8.3 6.2 9.4
68 5.1 5.0 7.4





#23

Nitrobenzene-d5

Concen: 59.26 ng

RT: 9.265 min Scan# 1009

Delta R.T. -0.007 min

Lab File: BG048477.D

Acq: 23 Mar 2021 19:51

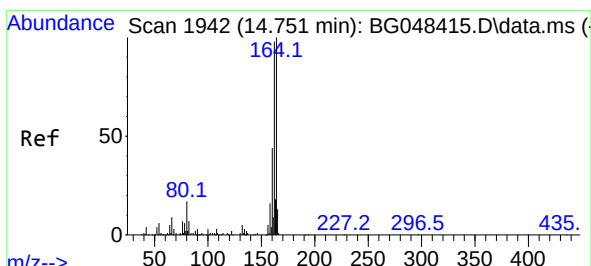
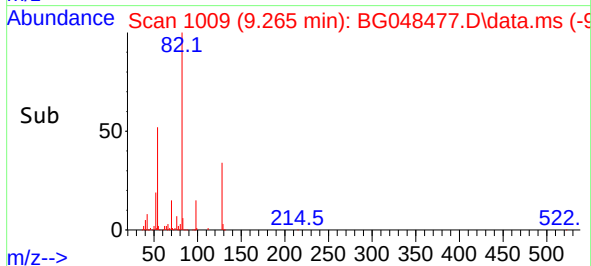
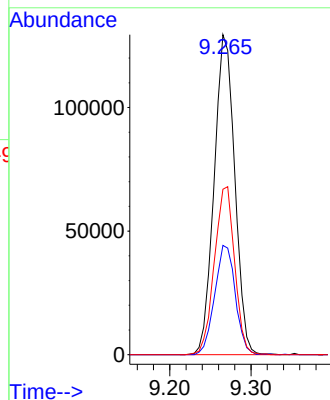
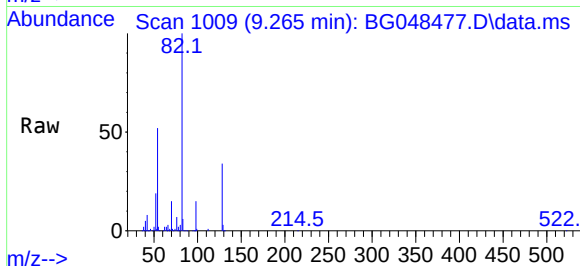
Instrument :

BNA_G

ClientSampleId :

RBR-54

Tgt Ion:	82	Resp:	228520
Ion	Ratio	Lower	Upper
82	100		
128	34.2	37.0	55.6#
54	51.7	39.0	58.4



#39

Acenaphthene-d10

Concen: 20.00 ng

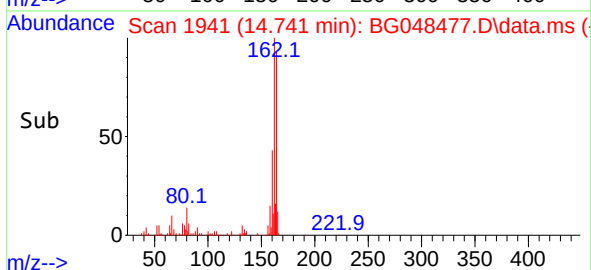
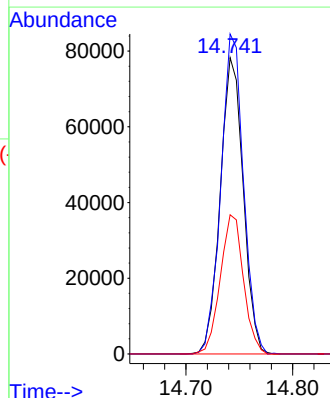
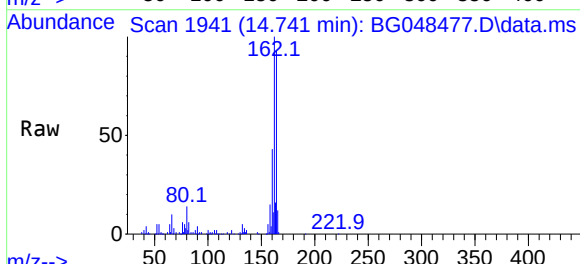
RT: 14.741 min Scan# 1941

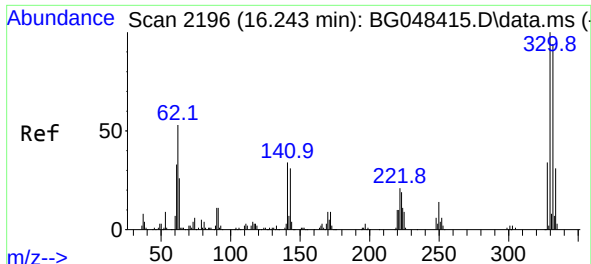
Delta R.T. -0.007 min

Lab File: BG048477.D

Acq: 23 Mar 2021 19:51

Tgt Ion:	164	Resp:	116919
Ion	Ratio	Lower	Upper
164	100		
162	108.0	82.3	123.5
160	47.0	35.3	52.9

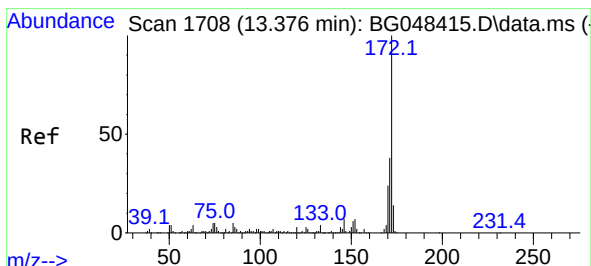
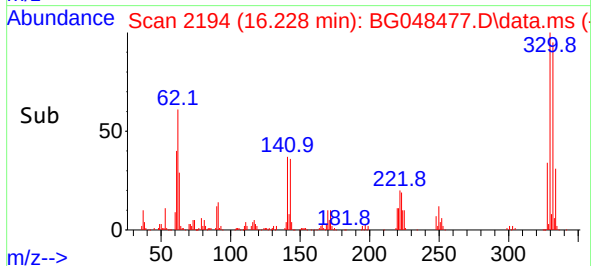
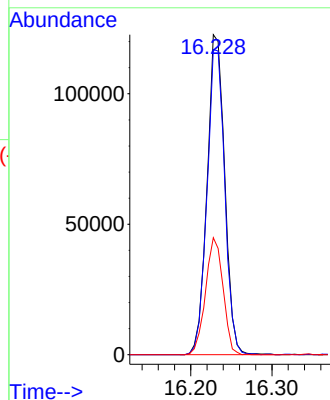
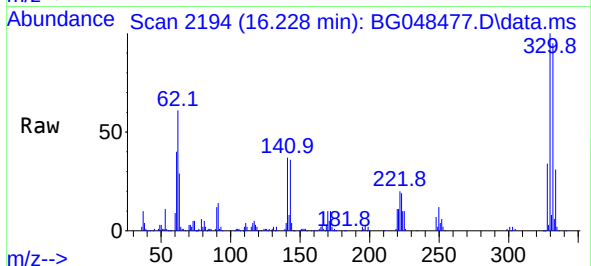




#42
2,4,6-Tribromophenol
Concen: 97.12 ng
RT: 16.228 min Scan# 2194
Delta R.T. -0.007 min
Lab File: BG048477.D
Acq: 23 Mar 2021 19:51

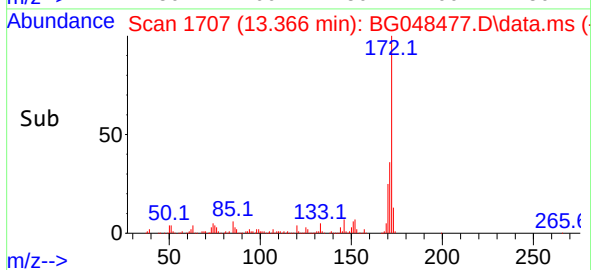
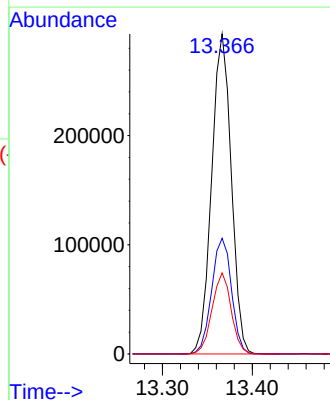
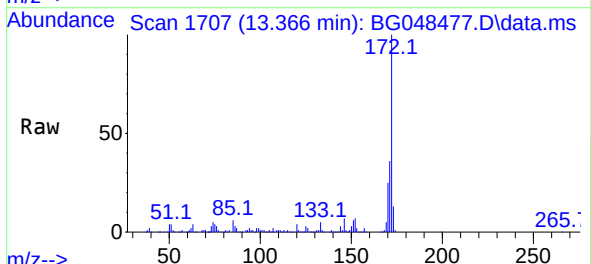
Instrument :
BNA_G
ClientSampleId :
RBR-54

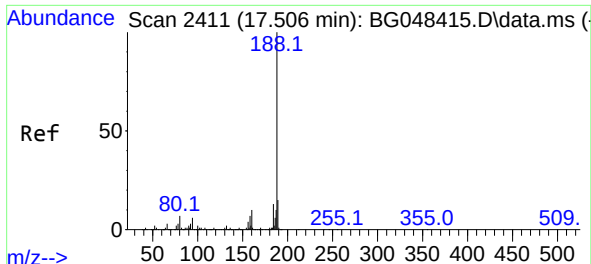
Tgt Ion:330 Resp: 184666
Ion Ratio Lower Upper
330 100
332 95.7 76.5 114.7
141 36.2 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 54.63 ng
RT: 13.366 min Scan# 1707
Delta R.T. -0.001 min
Lab File: BG048477.D
Acq: 23 Mar 2021 19:51

Tgt Ion:172 Resp: 444024
Ion Ratio Lower Upper
172 100
171 36.1 31.3 46.9
170 25.4 20.8 31.2

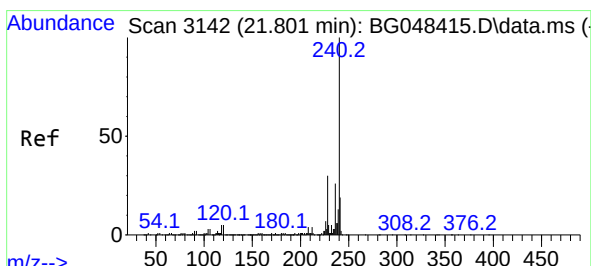
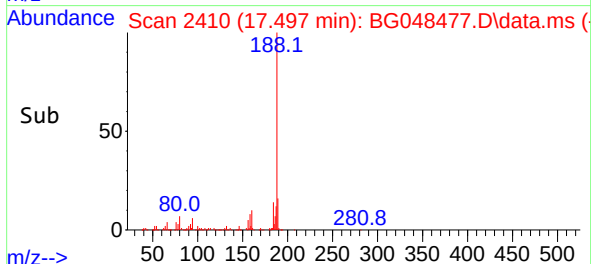
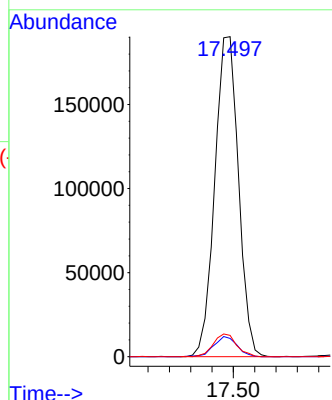
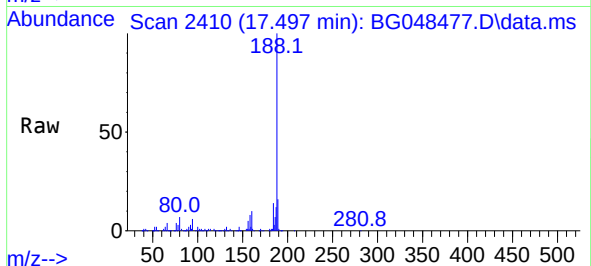




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.497 min Scan# 2410
Delta R.T. -0.001 min
Lab File: BG048477.D
Acq: 23 Mar 2021 19:51

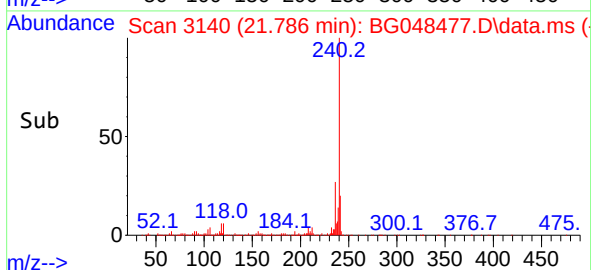
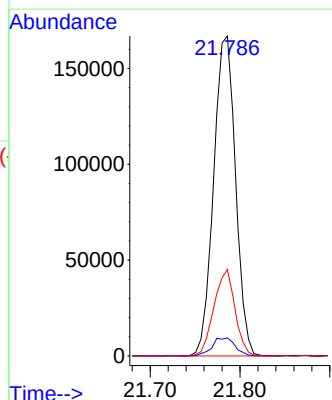
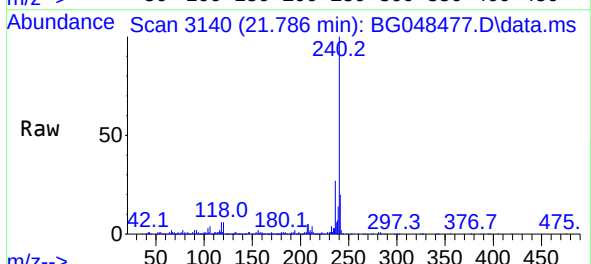
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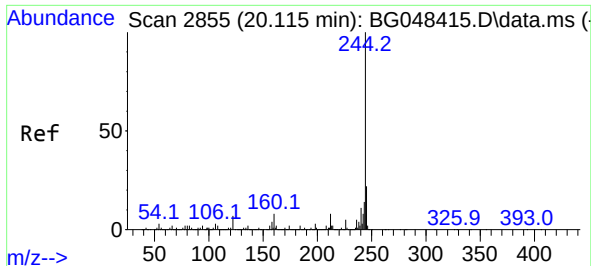
Tgt Ion:188 Resp: 293000
Ion Ratio Lower Upper
188 100
94 5.7 6.3 9.5#
80 6.6 7.0 10.6#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.786 min Scan# 3140
Delta R.T. -0.007 min
Lab File: BG048477.D
Acq: 23 Mar 2021 19:51

Tgt Ion:240 Resp: 282538
Ion Ratio Lower Upper
240 100
120 5.6 6.2 9.4#
236 27.0 20.5 30.7

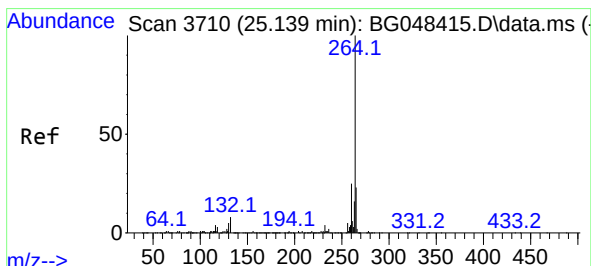
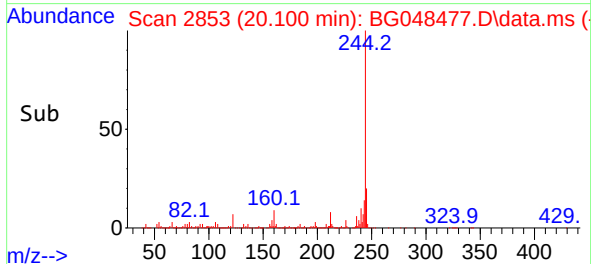
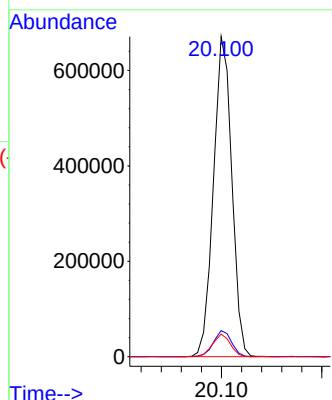
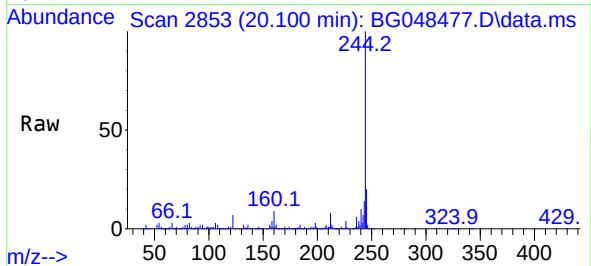




#79
Terphenyl-d14
Concen: 54.17 ng
RT: 20.100 min Scan# 2853
Delta R.T. -0.007 min
Lab File: BG048477.D
Acq: 23 Mar 2021 19:51

Instrument :
BNA_G
ClientSampled :
RBR-54

Tgt Ion:244 Resp: 848604
Ion Ratio Lower Upper
244 100
212 8.2 6.7 10.1
122 7.0 7.8 11.6#



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.117 min Scan# 3707
Delta R.T. -0.007 min
Lab File: BG048477.D
Acq: 23 Mar 2021 19:51

Tgt Ion:264 Resp: 297208
Ion Ratio Lower Upper
264 100
260 23.0 18.8 28.2
265 19.0 17.8 26.8

