

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040121\
 Data File : BG048538.D
 Acq On : 1 Apr 2021 10:39
 Operator : CG/JU
 Sample : PB135109BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB135109BL

Quant Time: Apr 01 12:00:31 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 01 11:19:59 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.094	152	21225	20.00	ng	# 0.00
21) Naphthalene-d8	10.920	136	87974	20.00	ng	# 0.00
39) Acenaphthene-d10	14.751	164	62002	20.00	ng	0.00
64) Phenanthrene-d10	17.501	188	158807	20.00	ng	0.00
76) Chrysene-d12	21.796	240	174439	20.00	ng	# 0.00
86) Perylene-d12	25.139	264	170010	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.638	112	171599	142.74	ng	0.00
7) Phenol-d6	7.248	99	215678	123.70	ng	0.00
23) Nitrobenzene-d5	9.263	82	158554	87.26	ng	0.00
42) 2,4,6-Tribromophenol	16.237	330	104314	127.99	ng	0.00
45) 2-Fluorobiphenyl	13.370	172	365623	87.65	ng	0.00
79) Terphenyl-d14	20.115	244	803698	84.26	ng	0.00

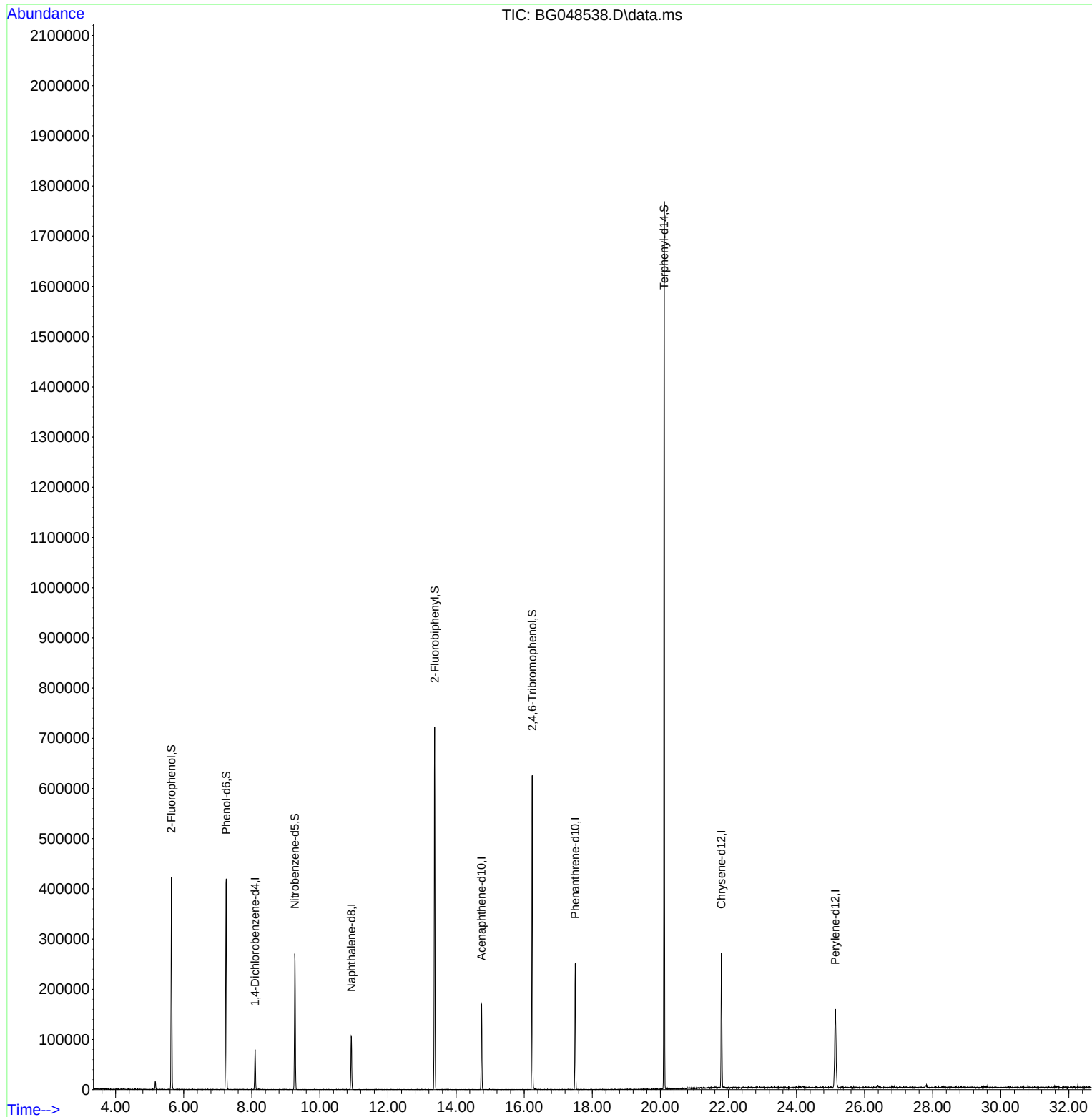
Target Compounds	Qvalue

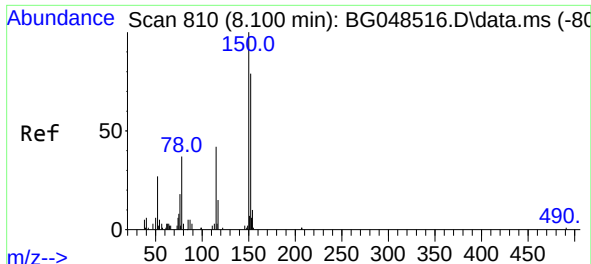
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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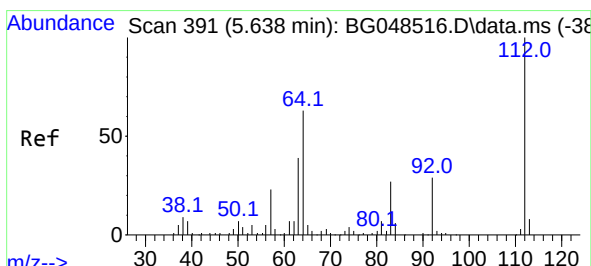
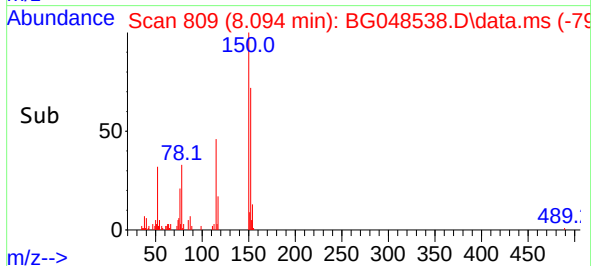
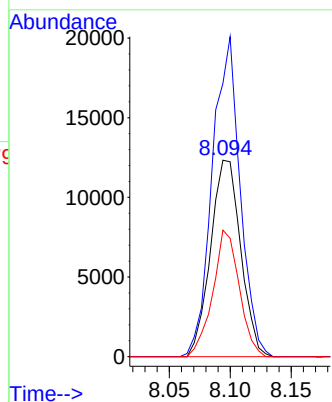
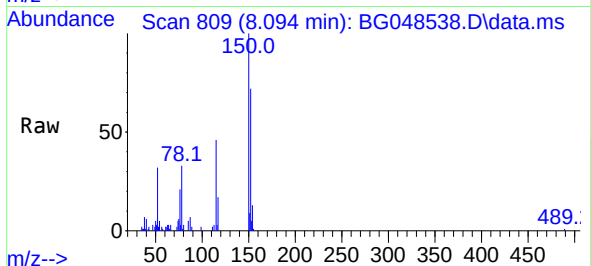




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.094 min Scan# 809
Delta R.T. 0.001 min
Lab File: BG048538.D
Acq: 1 Apr 2021 10:39

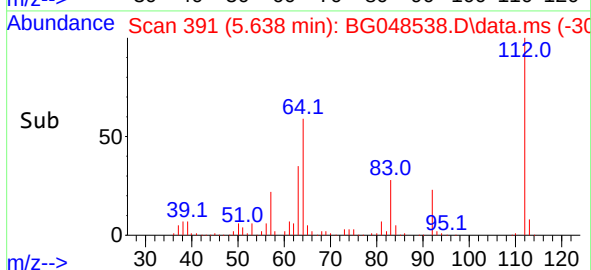
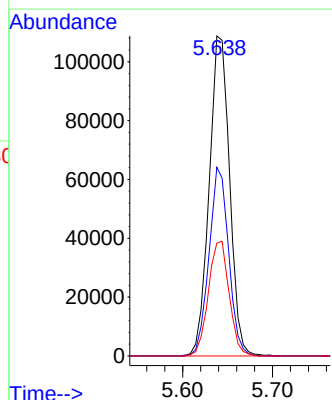
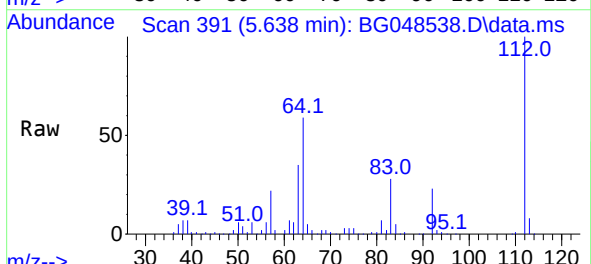
Instrument :
BNA_G
ClientSampled :
PB135109BL

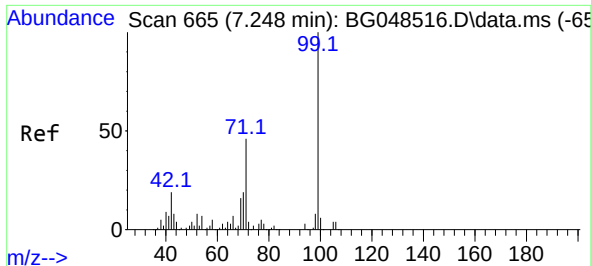
Tgt Ion:152 Resp: 21225
Ion Ratio Lower Upper
152 100
150 139.2 101.3 151.9
115 64.4 42.3 63.5#



#5
2-Fluorophenol
Concen: 142.74 ng
RT: 5.638 min Scan# 391
Delta R.T. 0.001 min
Lab File: BG048538.D
Acq: 1 Apr 2021 10:39

Tgt Ion:112 Resp: 171599
Ion Ratio Lower Upper
112 100
64 58.9 50.4 75.6
63 35.3 31.4 47.2



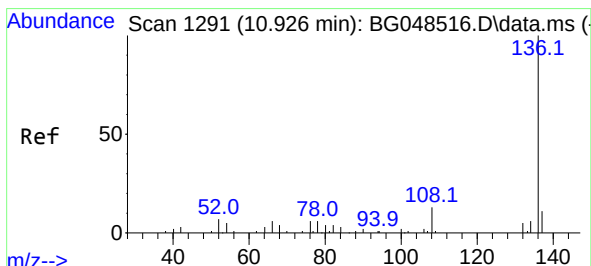
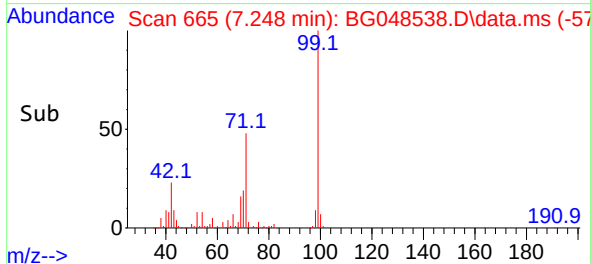
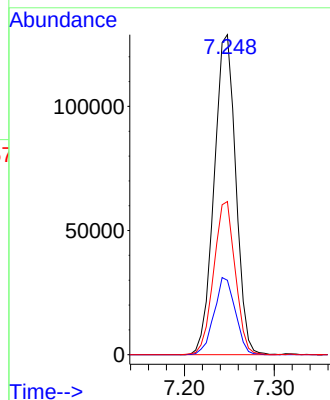
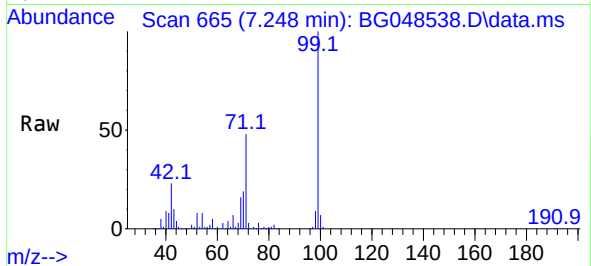


#7
Phenol-d6
Concen: 123.70 ng
RT: 7.248 min Scan# 665
Delta R.T. 0.001 min
Lab File: BG048538.D
Acq: 1 Apr 2021 10:39

Instrument :
BNA_G
ClientSampleId :
PB135109BL

Tgt Ion: 99 Resp: 215678

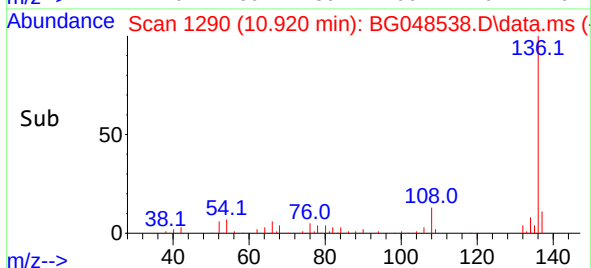
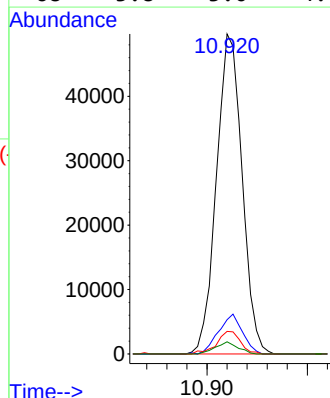
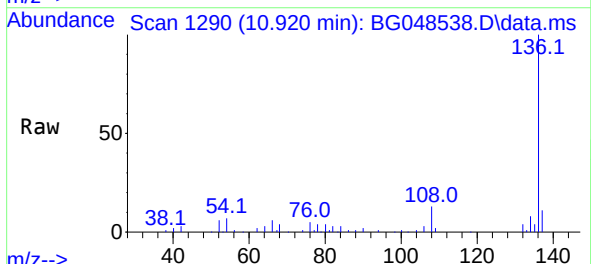
Ion	Ratio	Lower	Upper
99	100		
42	23.3	15.5	23.3
71	47.9	36.6	54.8

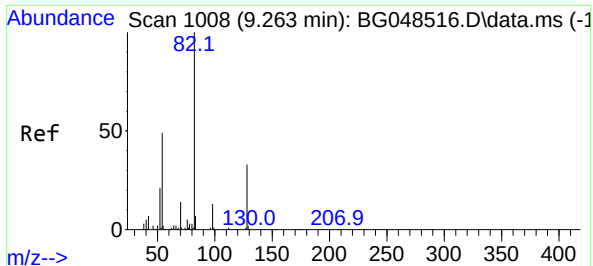


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.920 min Scan# 1290
Delta R.T. -0.005 min
Lab File: BG048538.D
Acq: 1 Apr 2021 10:39

Tgt Ion: 136 Resp: 87974

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	7.0	4.2	6.4#
68	3.8	3.0	4.4





#23

Nitrobenzene-d5

Concen: 87.26 ng

RT: 9.263 min Scan# 1008

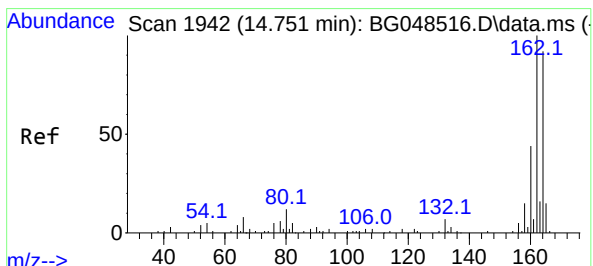
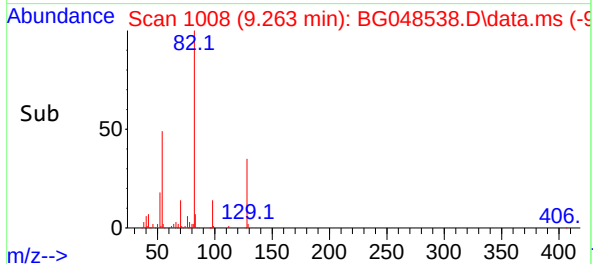
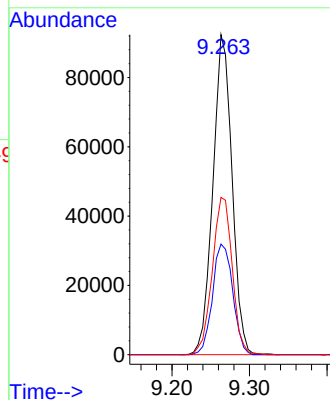
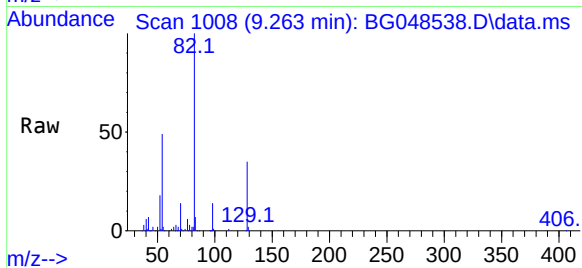
Delta R.T. -0.005 min

Lab File: BG048538.D

Acq: 1 Apr 2021 10:39

Tgt Ion: 82 Resp: 158554

Ion	Ratio	Lower	Upper
82	100		
128	34.5	26.2	39.4
54	49.2	38.9	58.3



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.751 min Scan# 1942

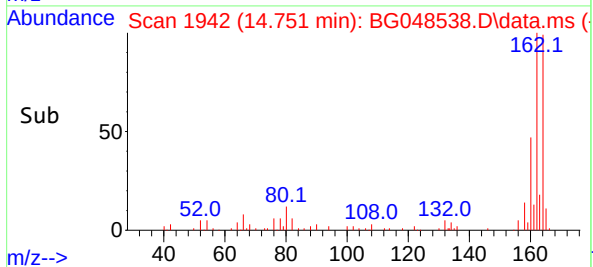
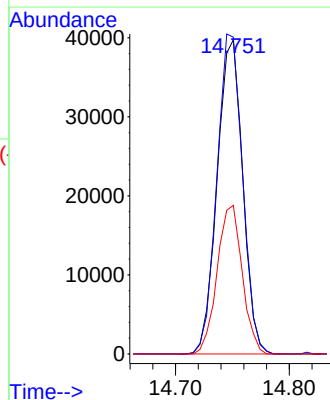
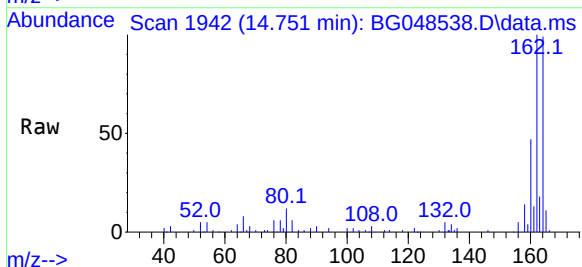
Delta R.T. 0.001 min

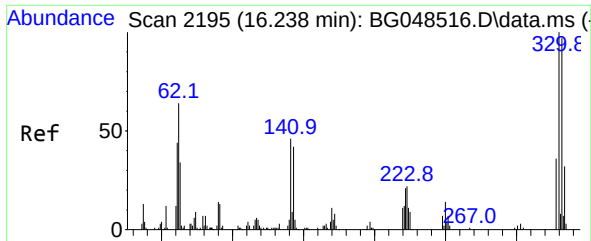
Lab File: BG048538.D

Acq: 1 Apr 2021 10:39

Tgt Ion: 164 Resp: 62002

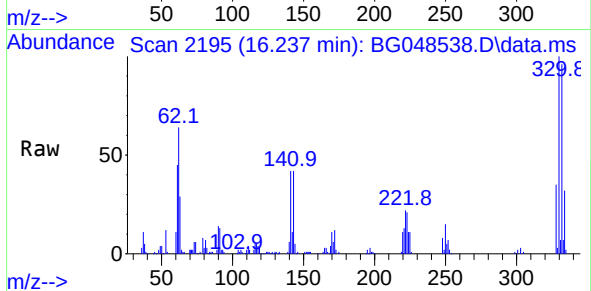
Ion	Ratio	Lower	Upper
164	100		
162	100.9	87.0	130.6
160	47.3	38.4	57.6



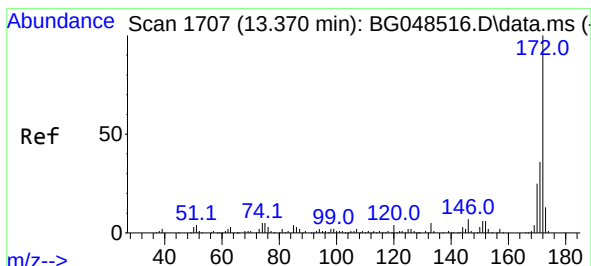
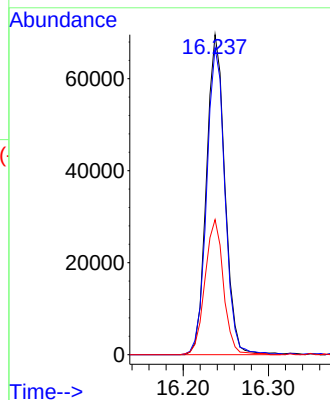
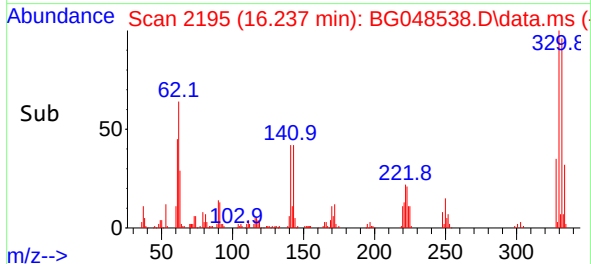


#42
2,4,6-Tribromophenol
Concen: 127.99 ng
RT: 16.237 min Scan# 2195
Delta R.T. -0.005 min
Lab File: BG048538.D
Acq: 1 Apr 2021 10:39

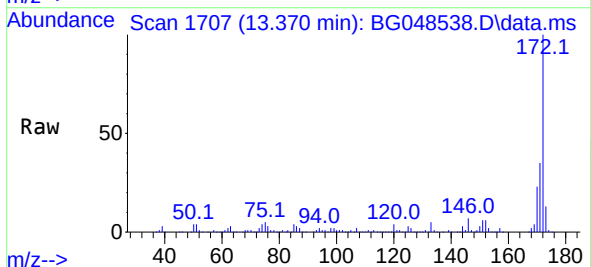
Instrument :
BNA_G
ClientSampleId :
PB135109BL



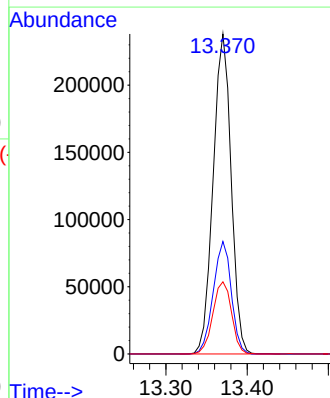
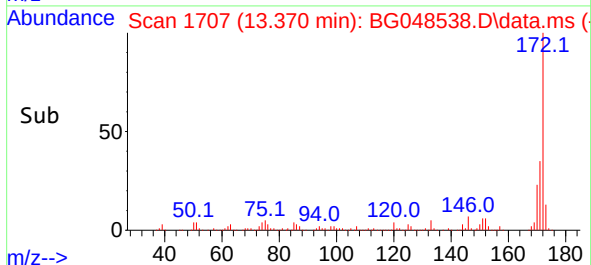
Tgt Ion:330 Resp: 104314
Ion Ratio Lower Upper
330 100
332 95.4 77.6 116.4
141 42.4 34.6 52.0

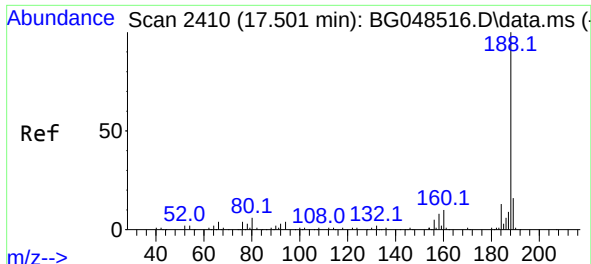


#45
2-Fluorobiphenyl
Concen: 87.65 ng
RT: 13.370 min Scan# 1707
Delta R.T. 0.001 min
Lab File: BG048538.D
Acq: 1 Apr 2021 10:39



Tgt Ion:172 Resp: 365623
Ion Ratio Lower Upper
172 100
171 35.1 28.5 42.7
170 22.6 19.8 29.6

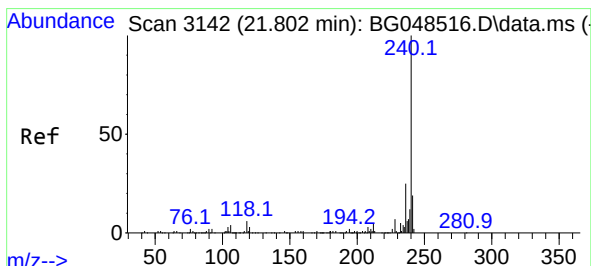
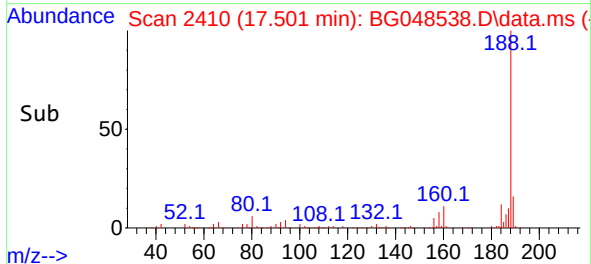
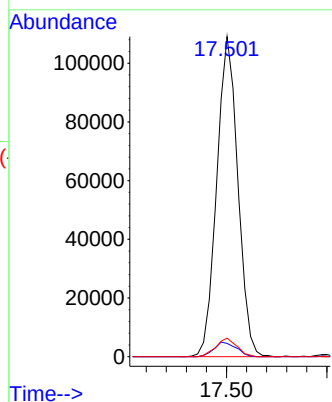
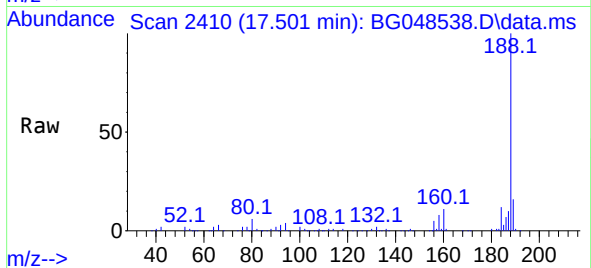




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.501 min Scan# 2410
Delta R.T. -0.005 min
Lab File: BG048538.D
Acq: 1 Apr 2021 10:39

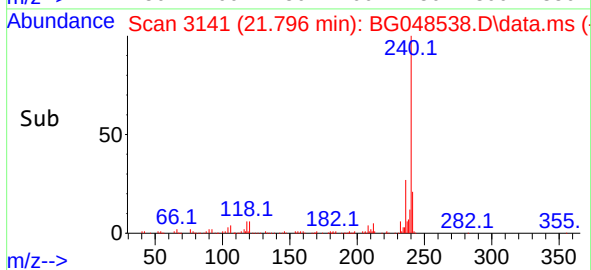
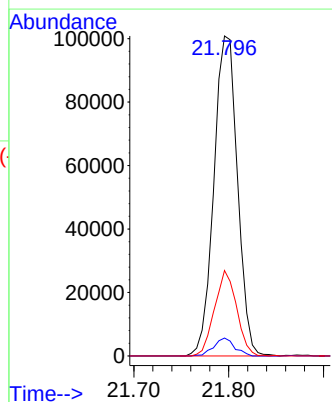
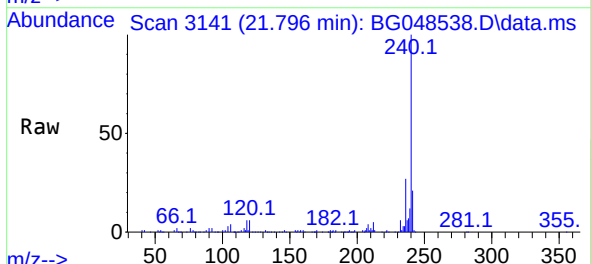
Instrument :
BNA_G
ClientSampleId :
PB135109BL

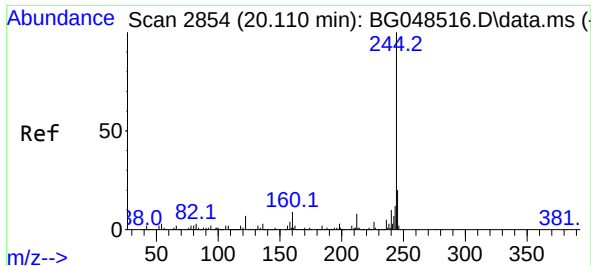
Tgt Ion:188 Resp: 158807
Ion Ratio Lower Upper
188 100
94 4.2 3.0 4.6
80 5.8 4.5 6.7



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.796 min Scan# 3141
Delta R.T. -0.005 min
Lab File: BG048538.D
Acq: 1 Apr 2021 10:39

Tgt Ion:240 Resp: 174439
Ion Ratio Lower Upper
240 100
120 5.6 2.6 3.8#
236 26.7 19.8 29.6



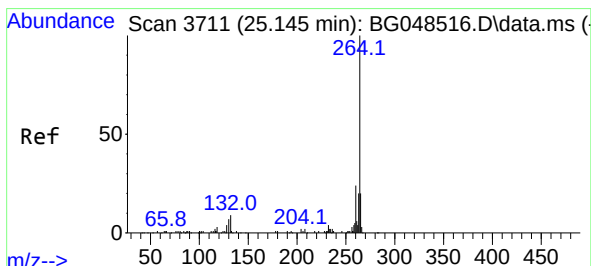
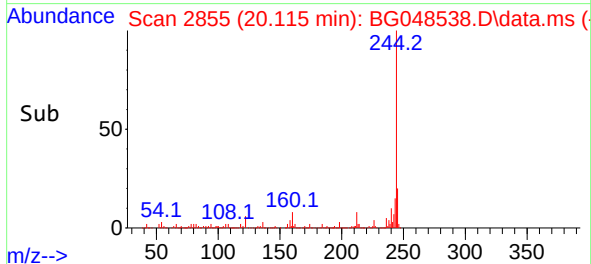
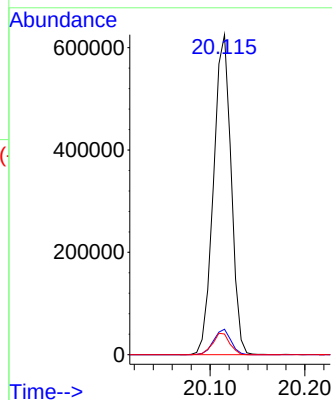
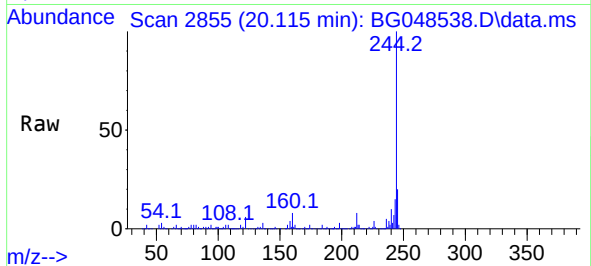


#79
 Terphenyl-d14
 Concen: 84.26 ng
 RT: 20.115 min Scan# 2855
 Delta R.T. 0.001 min
 Lab File: BG048538.D
 Acq: 1 Apr 2021 10:39

Instrument :
 BNA_G
 ClientSampleId :
 PB135109BL

Tgt Ion:244 Resp: 803698

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.0	9.0
122	6.5	5.8	8.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.139 min Scan# 3710
 Delta R.T. -0.005 min
 Lab File: BG048538.D
 Acq: 1 Apr 2021 10:39

Tgt Ion:264 Resp: 170010

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.1	28.7
265	19.9	16.1	24.1

