

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042321\
 Data File : BG048864.D
 Acq On : 23 Apr 2021 15:30
 Operator : CG/JU
 Sample : M2107-11
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-32-0-2.0

Quant Time: Apr 23 16:19:31 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 20 17:33:30 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.052	152	22050	20.00	ng	0.00
21) Naphthalene-d8	10.878	136	90522	20.00	ng	#-0.01
39) Acenaphthene-d10	14.715	164	59445	20.00	ng	0.00
64) Phenanthrene-d10	17.471	188	136615	20.00	ng	# 0.00
76) Chrysene-d12	21.765	240	126169	20.00	ng	-0.01
86) Perylene-d12	25.097	264	125840	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.602	112	135421	102.72	ng	0.00
7) Phenol-d6	7.218	99	181406	97.28	ng	0.00
23) Nitrobenzene-d5	9.227	82	136464	67.49	ng	0.00
42) 2,4,6-Tribromophenol	16.207	330	74299	93.22	ng	0.00
45) 2-Fluorobiphenyl	13.334	172	255934	62.18	ng	0.00
79) Terphenyl-d14	20.085	244	340897	46.50	ng	0.00

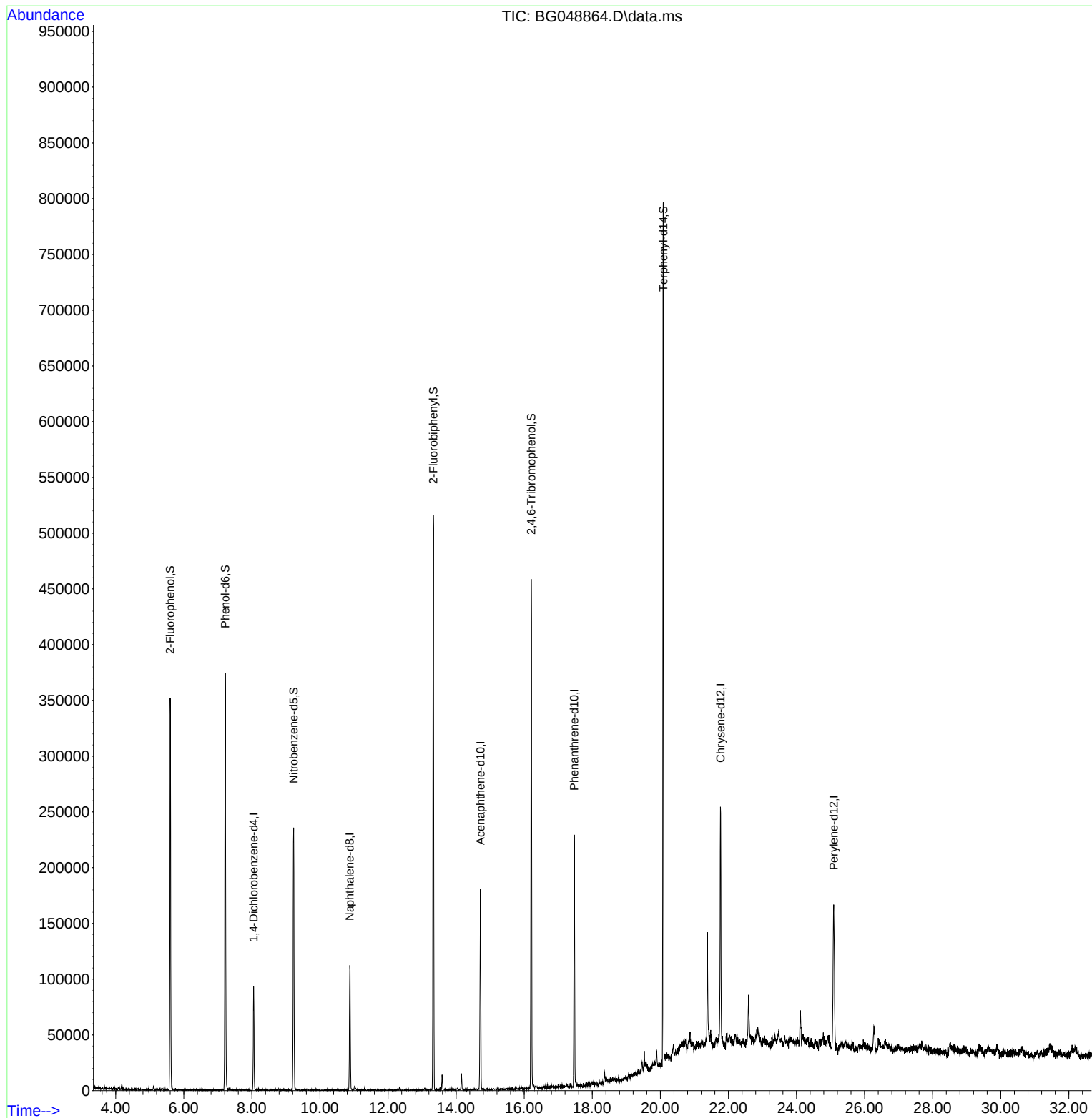
Target Compounds	Qvalue

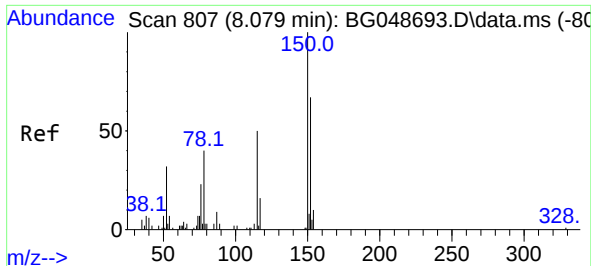
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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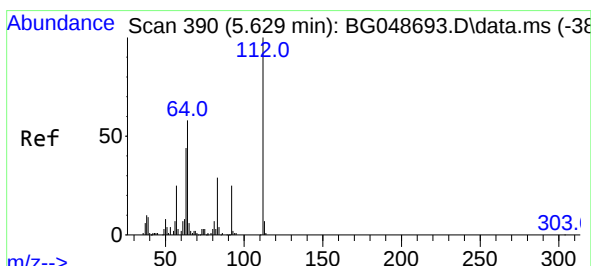
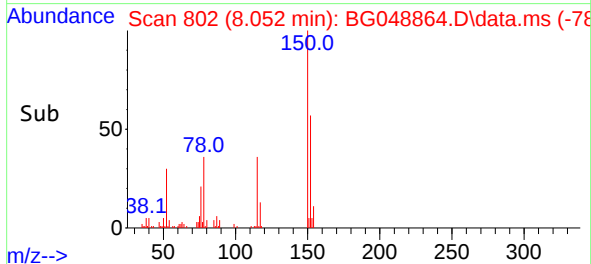
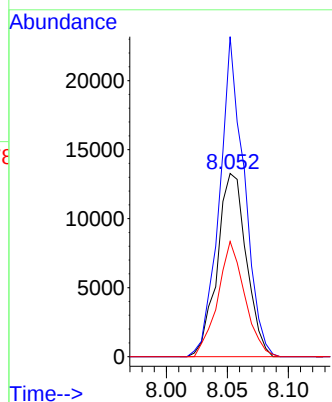
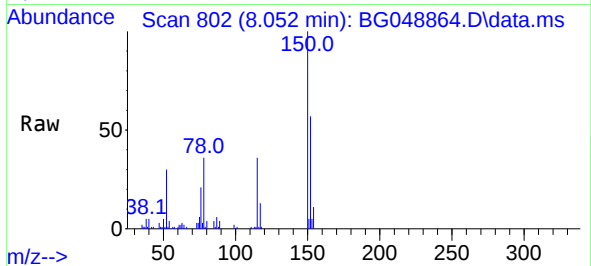




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.052 min Scan# 802
Delta R.T. -0.009 min
Lab File: BG048864.D
Acq: 23 Apr 2021 15:30

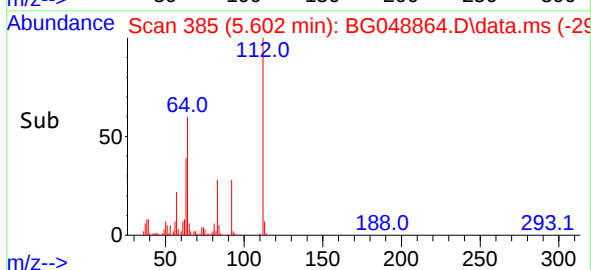
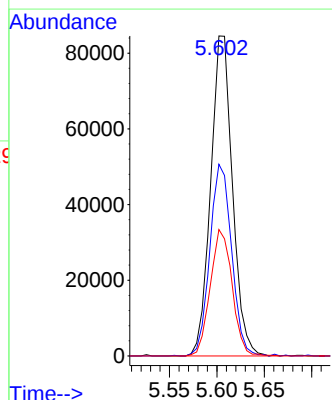
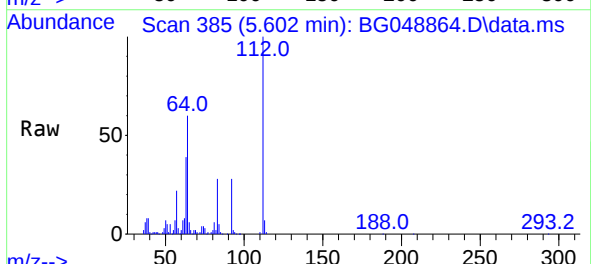
Instrument :
BNA_G
ClientSampleId :
SB-32-0-2.0

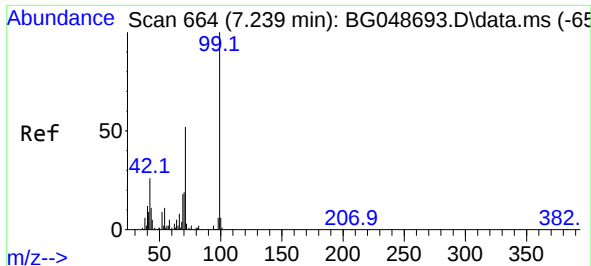
Tgt Ion:152 Resp: 22050
Ion Ratio Lower Upper
152 100
150 174.6 119.4 179.0
115 62.8 60.2 90.4



#5
2-Fluorophenol
Concen: 102.72 ng
RT: 5.602 min Scan# 385
Delta R.T. -0.003 min
Lab File: BG048864.D
Acq: 23 Apr 2021 15:30

Tgt Ion:112 Resp: 135421
Ion Ratio Lower Upper
112 100
64 59.9 46.7 70.1
63 39.5 35.3 52.9

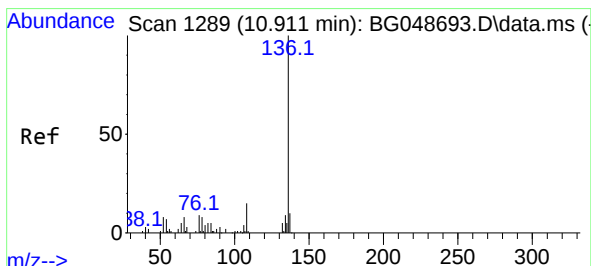
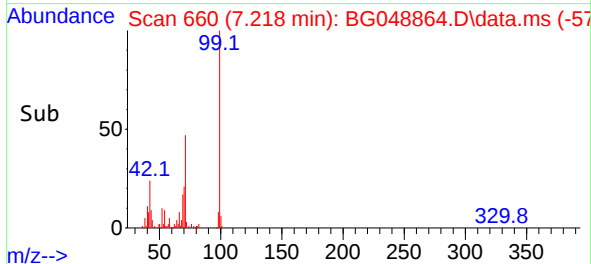
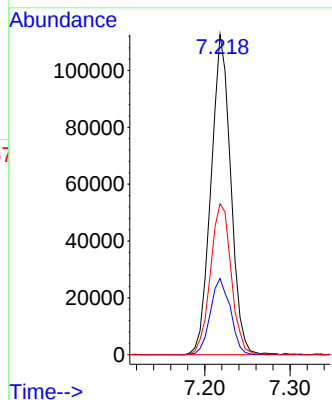
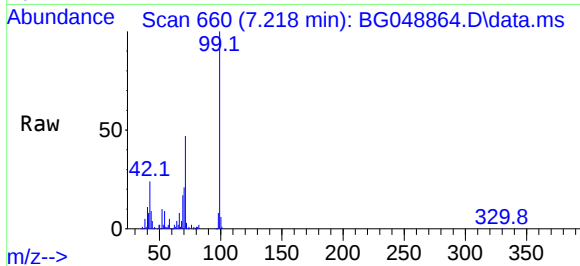




#7
Phenol-d6
Concen: 97.28 ng
RT: 7.218 min Scan# 660
Delta R.T. -0.003 min
Lab File: BG048864.D
Acq: 23 Apr 2021 15:30

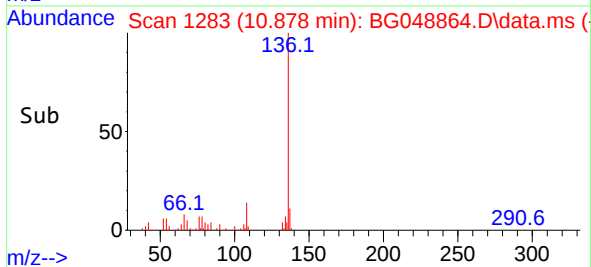
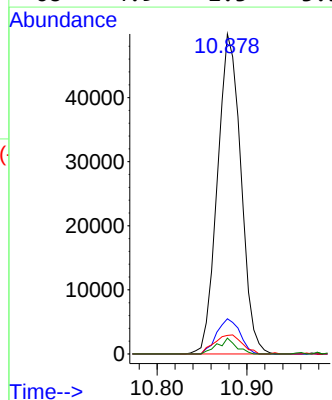
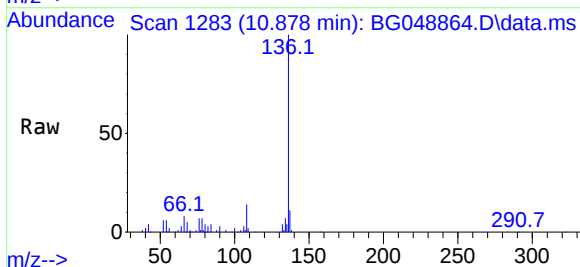
Instrument :
BNA_G
ClientSampleId :
SB-32-0-2.0

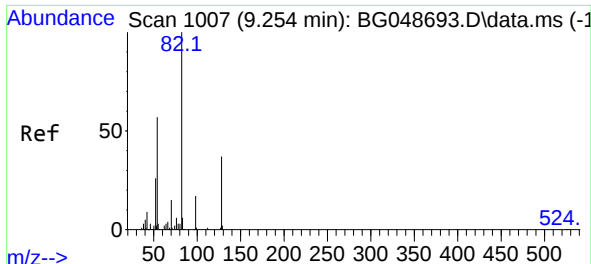
Tgt Ion: 99 Resp: 181406
Ion Ratio Lower Upper
99 100
42 23.8 20.5 30.7
71 47.2 41.5 62.3



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.878 min Scan# 1283
Delta R.T. -0.015 min
Lab File: BG048864.D
Acq: 23 Apr 2021 15:30

Tgt Ion: 136 Resp: 90522
Ion Ratio Lower Upper
136 100
137 11.0 8.2 12.2
54 5.8 5.5 8.3
68 4.9 2.3 3.5#

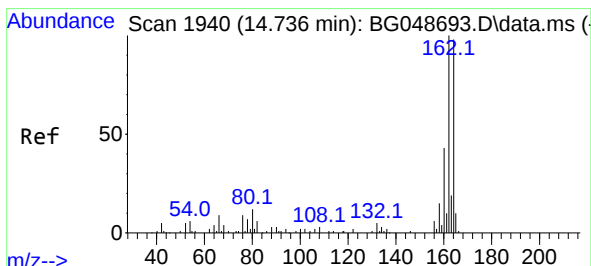
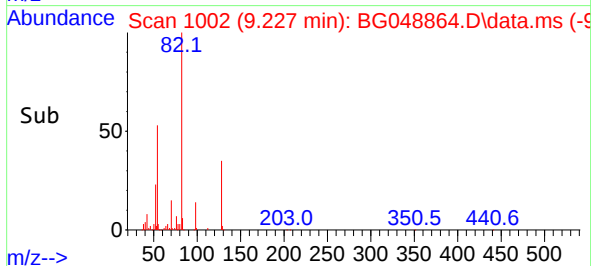
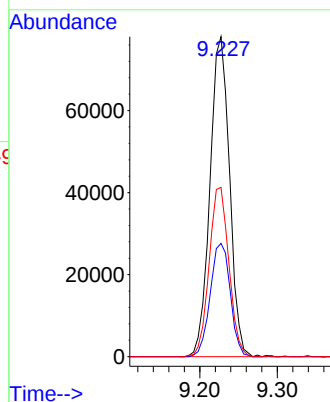
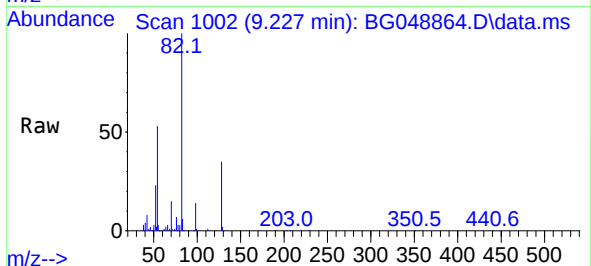




#23
Nitrobenzene-d5
Concen: 67.49 ng
RT: 9.227 min Scan# 1002
Delta R.T. -0.009 min
Lab File: BG048864.D
Acq: 23 Apr 2021 15:30

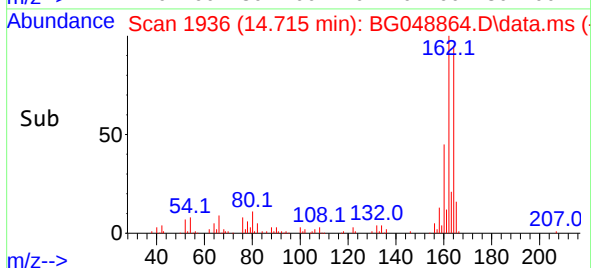
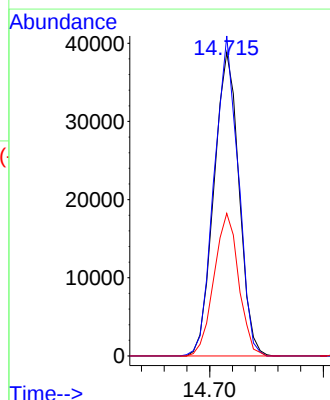
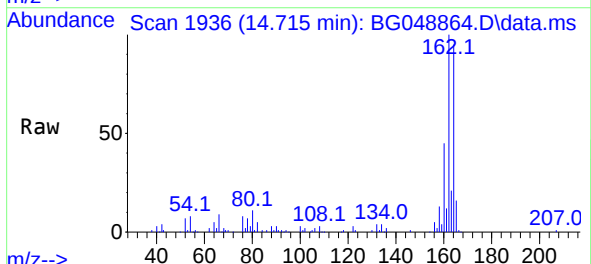
Instrument :
BNA_G
ClientSampleId :
SB-32-0-2.0

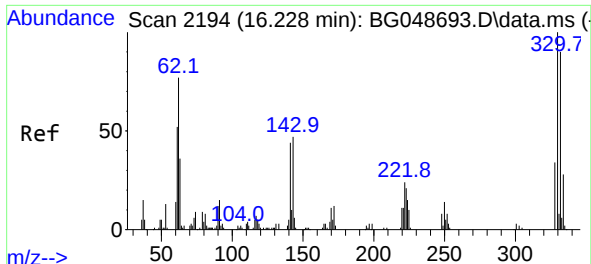
Tgt Ion: 82 Resp: 136464
Ion Ratio Lower Upper
82 100
128 35.4 29.8 44.6
54 52.9 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.715 min Scan# 1936
Delta R.T. -0.009 min
Lab File: BG048864.D
Acq: 23 Apr 2021 15:30

Tgt Ion:164 Resp: 59445
Ion Ratio Lower Upper
164 100
162 105.5 81.4 122.0
160 47.0 34.9 52.3



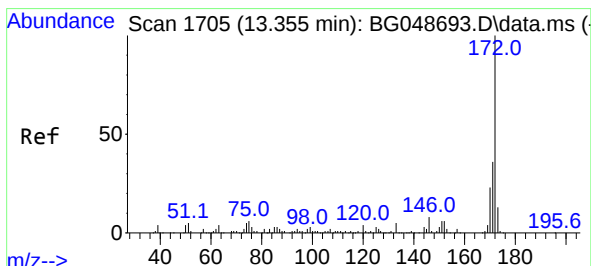
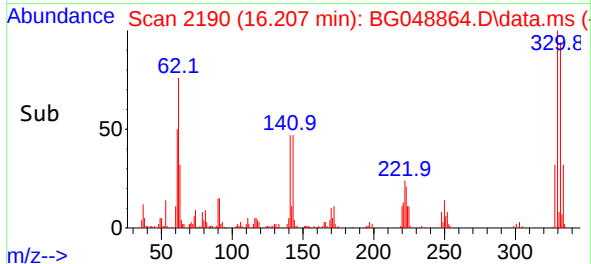
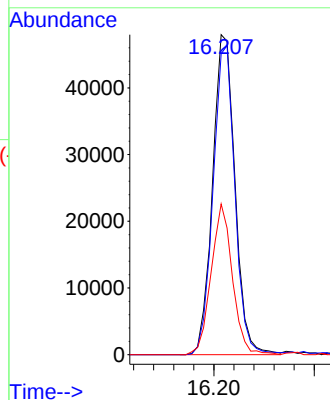
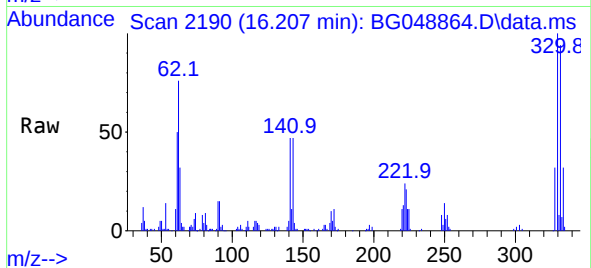


#42
2,4,6-Tribromophenol
Concen: 93.22 ng
RT: 16.207 min Scan# 2190
Delta R.T. -0.009 min
Lab File: BG048864.D
Acq: 23 Apr 2021 15:30

Instrument :
BNA_G
ClientSampled :
SB-32-0-2.0

Tgt Ion:330 Resp: 74299

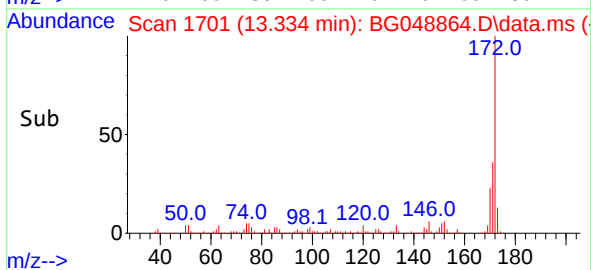
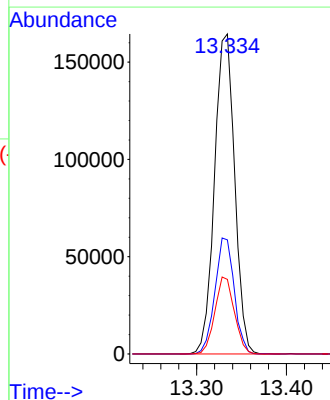
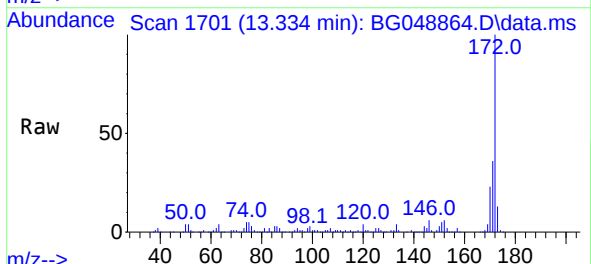
Ion	Ratio	Lower	Upper
330	100		
332	94.1	77.3	115.9
141	44.8	35.6	53.4

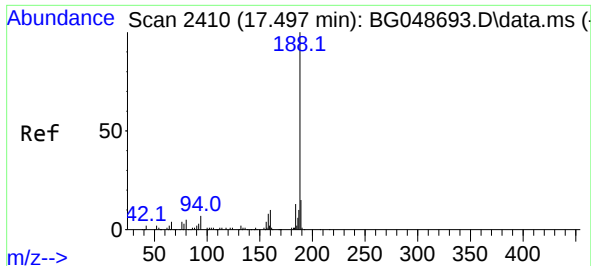


#45
2-Fluorobiphenyl
Concen: 62.18 ng
RT: 13.334 min Scan# 1701
Delta R.T. -0.009 min
Lab File: BG048864.D
Acq: 23 Apr 2021 15:30

Tgt Ion:172 Resp: 255934

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.6	43.0
170	23.3	18.6	27.8

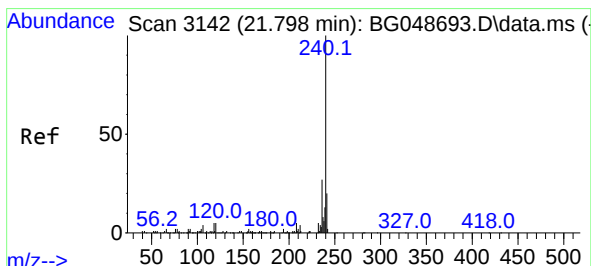
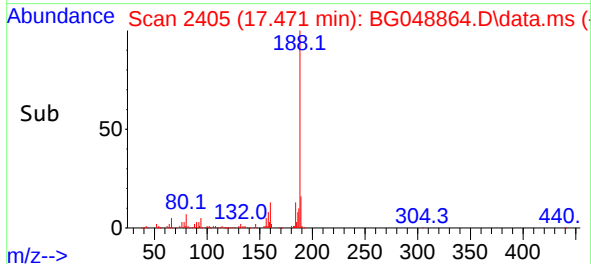
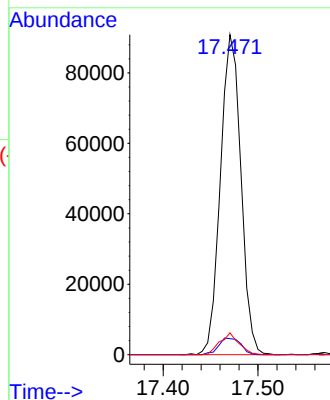
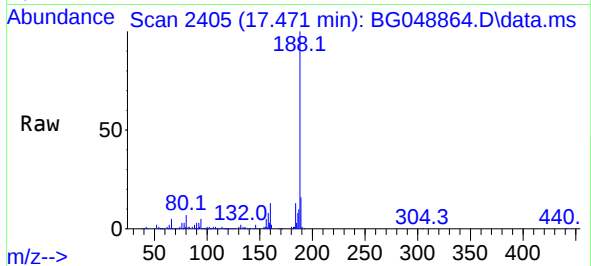




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.471 min Scan# 2405
Delta R.T. -0.009 min
Lab File: BG048864.D
Acq: 23 Apr 2021 15:30

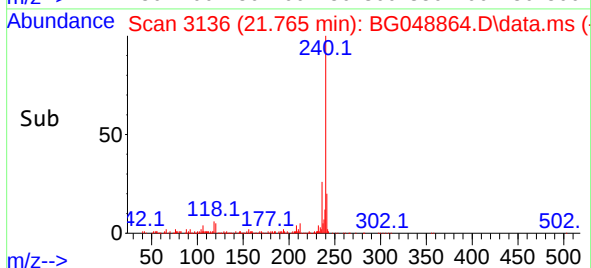
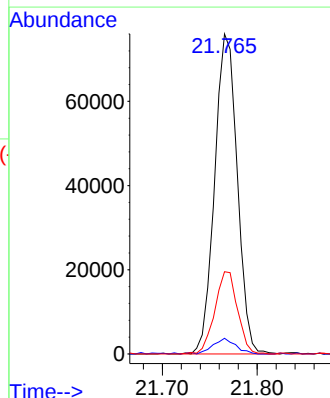
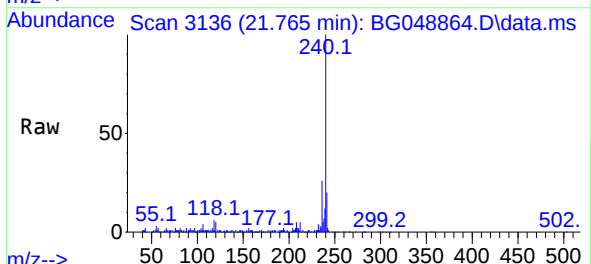
Instrument :
BNA_G
ClientSampleId :
SB-32-0-2.0

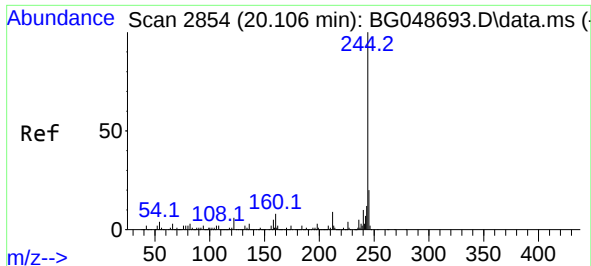
Tgt Ion:188 Resp: 136615
Ion Ratio Lower Upper
188 100
94 5.0 5.4 8.0#
80 6.8 3.7 5.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.765 min Scan# 3136
Delta R.T. -0.015 min
Lab File: BG048864.D
Acq: 23 Apr 2021 15:30

Tgt Ion:240 Resp: 126169
Ion Ratio Lower Upper
240 100
120 4.9 4.2 6.2
236 25.7 21.8 32.6

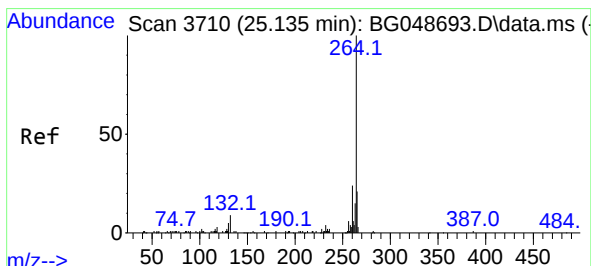
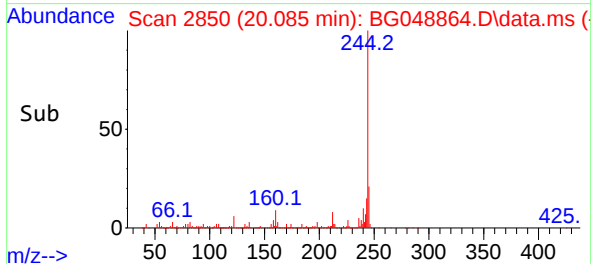
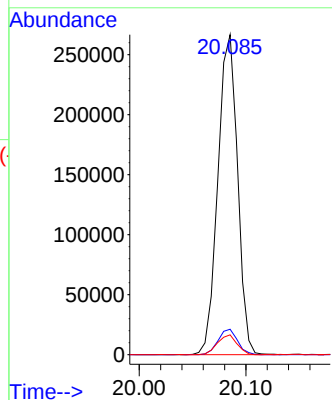
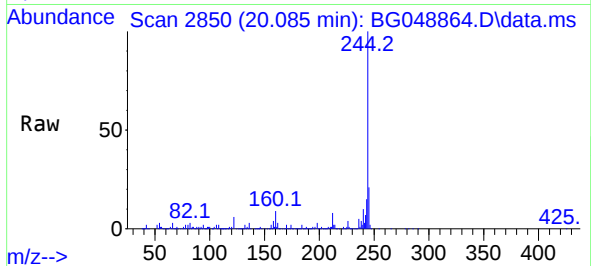




#79
Terphenyl-d14
Concen: 46.50 ng
RT: 20.085 min Scan# 2850
Delta R.T. -0.009 min
Lab File: BG048864.D
Acq: 23 Apr 2021 15:30

Instrument :
BNA_G
ClientSampleId :
SB-32-0-2.0

Tgt Ion:244	Resp:	340897
Ion Ratio	Lower	Upper
244	100	
212	7.9	6.9 10.3
122	6.2	5.0 7.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.097 min Scan# 3703
Delta R.T. -0.015 min
Lab File: BG048864.D
Acq: 23 Apr 2021 15:30

Tgt Ion:264	Resp:	125840
Ion Ratio	Lower	Upper
264	100	
260	23.5	19.4 29.2
265	21.8	16.9 25.3

