

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041621\
 Data File : BG048748.D
 Acq On : 17 Apr 2021 10:19
 Operator : CG/JU
 Sample : M2050-16
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1

Quant Time: Apr 19 00:25:27 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 16 15:59:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.071	152	15733	20.00	ng	0.00
21) Naphthalene-d8	10.909	136	68268	20.00	ng	# 0.00
39) Acenaphthene-d10	14.734	164	47985	20.00	ng	0.00
64) Phenanthrene-d10	17.489	188	123552	20.00	ng	# 0.00
76) Chrysene-d12	21.790	240	128796	20.00	ng	0.00
86) Perylene-d12	25.128	264	126439	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.627	112	142203	151.17	ng	0.00
7) Phenol-d6	7.243	99	164073	123.31	ng	0.00
23) Nitrobenzene-d5	9.252	82	157364	103.20	ng	0.00
42) 2,4,6-Tribromophenol	16.232	330	107487	167.07	ng	0.00
45) 2-Fluorobiphenyl	13.353	172	340083	102.35	ng	0.00
79) Terphenyl-d14	20.104	244	737433	98.54	ng	0.00

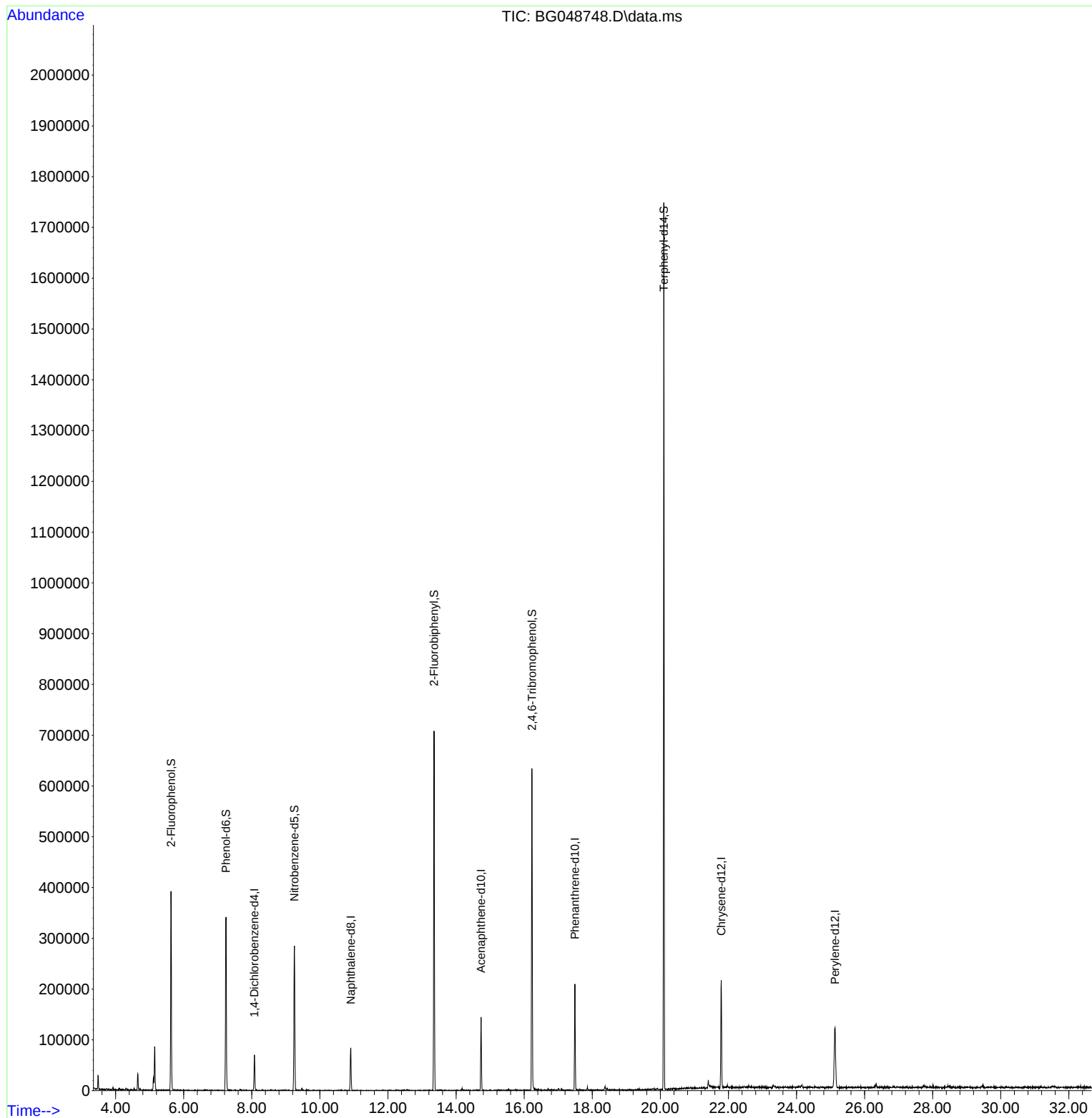
Target Compounds	Qvalue

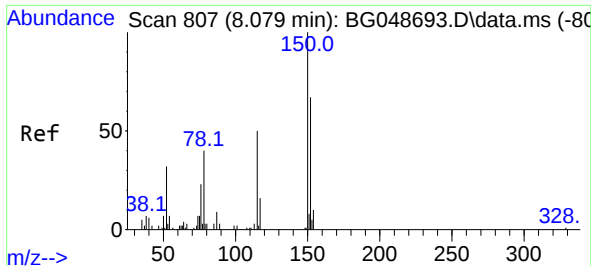
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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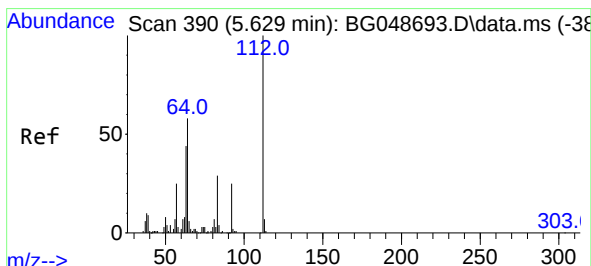
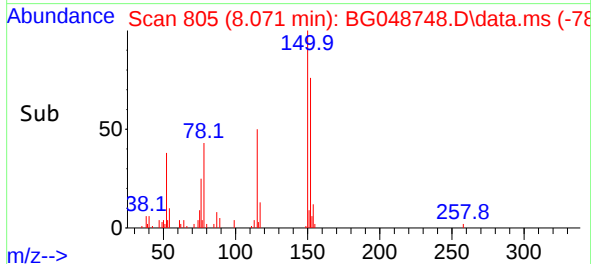
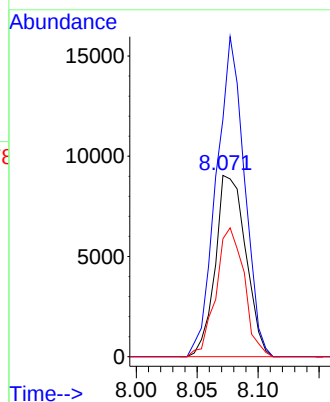
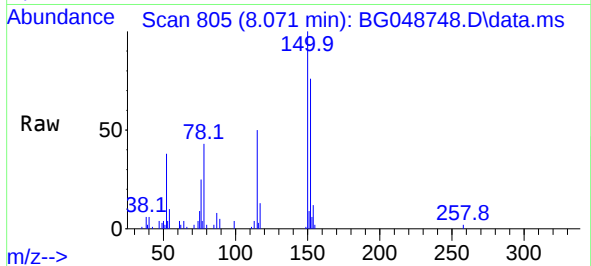




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.071 min Scan# 805
Delta R.T. -0.009 min
Lab File: BG048748.D
Acq: 17 Apr 2021 10:19

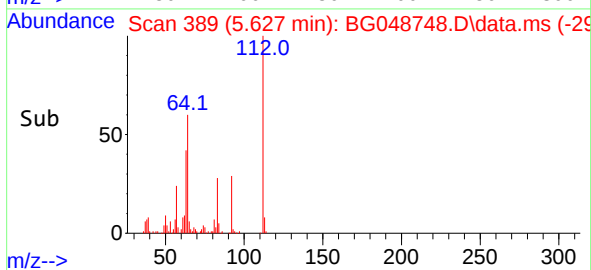
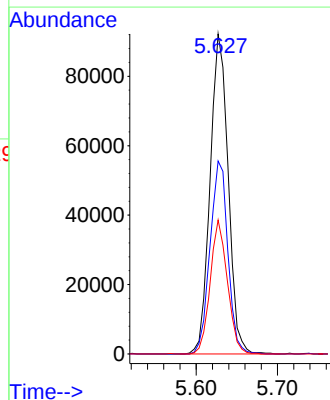
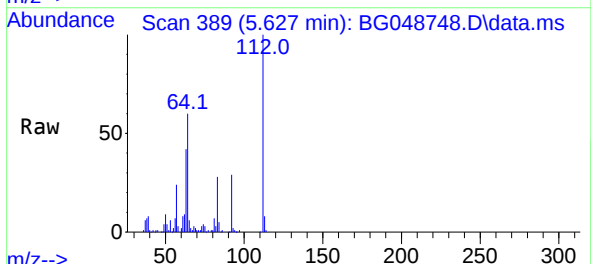
Instrument :
BNA_G
ClientSampled :
TP-1

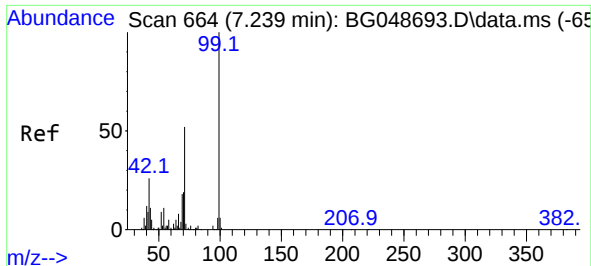
Tgt Ion:152 Resp: 15733
Ion Ratio Lower Upper
152 100
150 130.9 119.4 179.0
115 65.0 60.2 90.4



#5
2-Fluorophenol
Concen: 151.17 ng
RT: 5.627 min Scan# 389
Delta R.T. -0.003 min
Lab File: BG048748.D
Acq: 17 Apr 2021 10:19

Tgt Ion:112 Resp: 142203
Ion Ratio Lower Upper
112 100
64 60.3 46.7 70.1
63 41.9 35.3 52.9

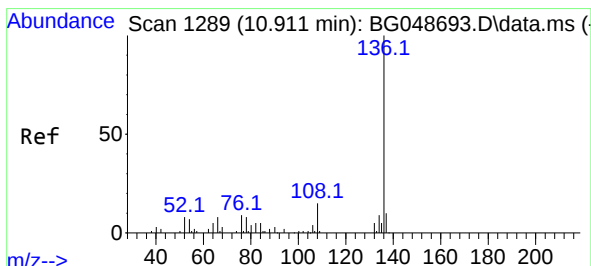
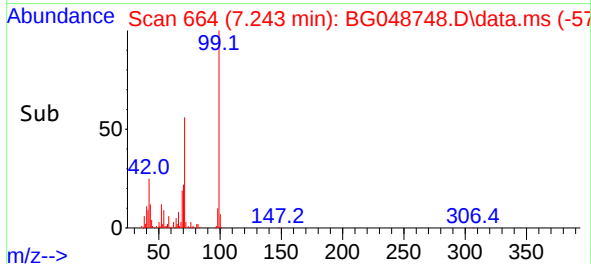
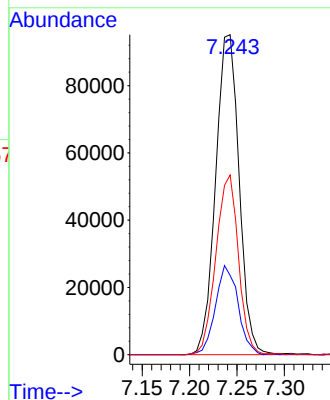
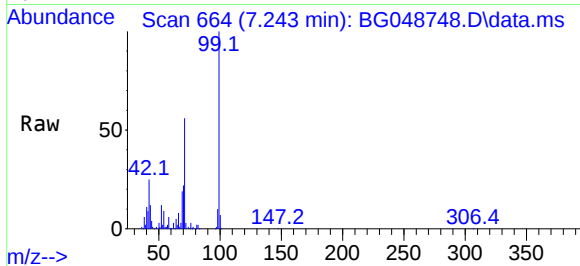




#7
Phenol-d6
Concen: 123.31 ng
RT: 7.243 min Scan# 664
Delta R.T. 0.003 min
Lab File: BG048748.D
Acq: 17 Apr 2021 10:19

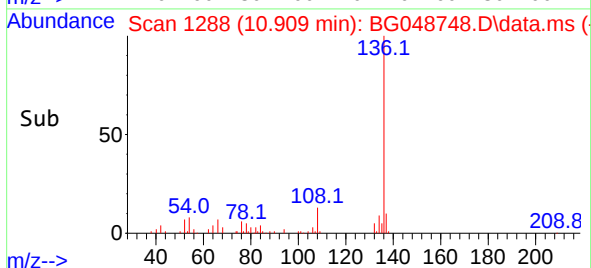
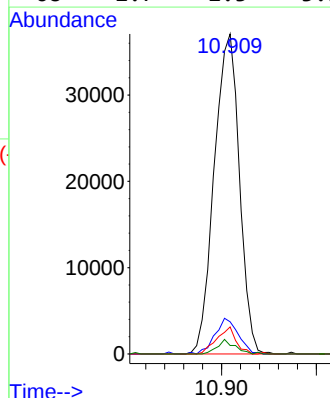
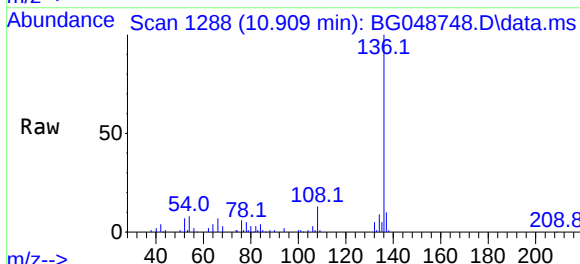
Instrument :
BNA_G
ClientSampled :
TP-1

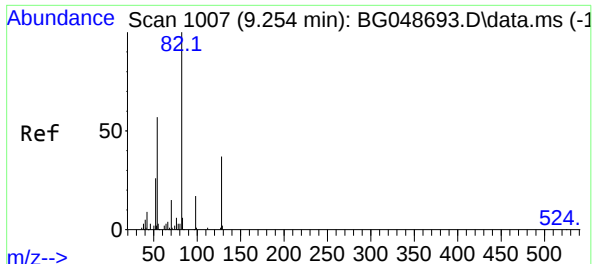
Tgt Ion: 99 Resp: 164073
Ion Ratio Lower Upper
99 100
42 24.7 20.5 30.7
71 56.1 41.5 62.3



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.909 min Scan# 1288
Delta R.T. -0.003 min
Lab File: BG048748.D
Acq: 17 Apr 2021 10:19

Tgt Ion:136 Resp: 68268
Ion Ratio Lower Upper
136 100
137 10.0 8.2 12.2
54 8.5 5.5 8.3#
68 2.7 2.3 3.5

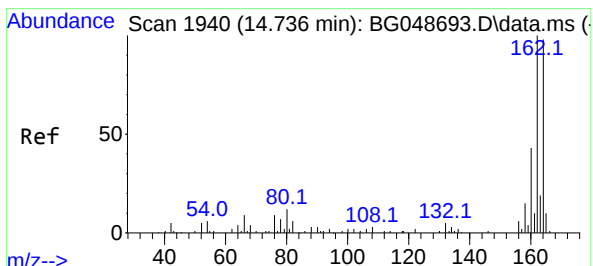
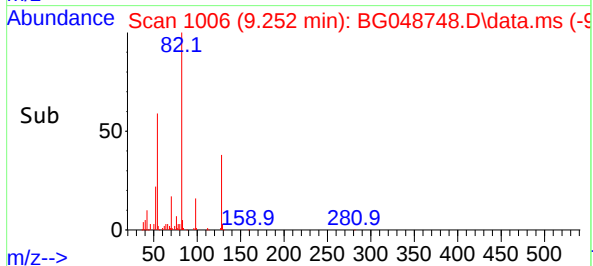
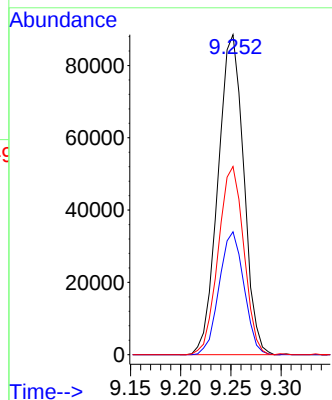
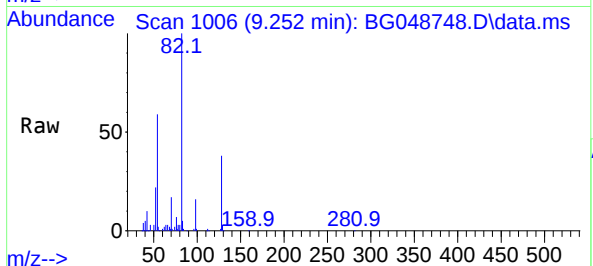




#23
Nitrobenzene-d5
Concen: 103.20 ng
RT: 9.252 min Scan# 1006
Delta R.T. -0.003 min
Lab File: BG048748.D
Acq: 17 Apr 2021 10:19

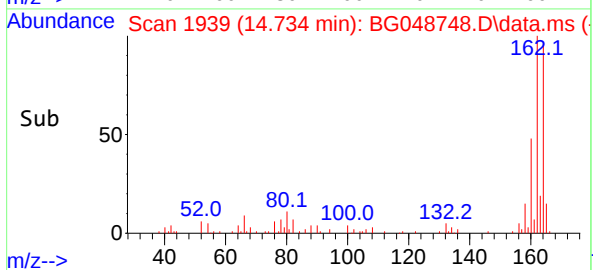
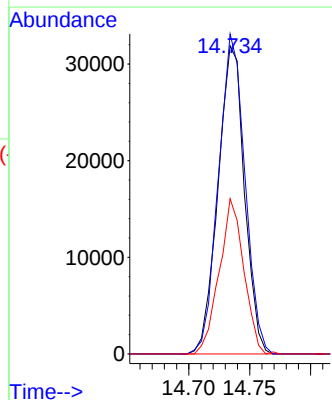
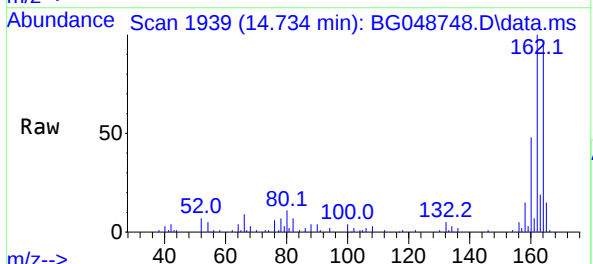
Instrument :
BNA_G
ClientSampled :
TP-1

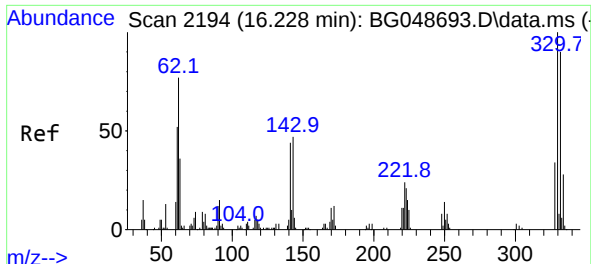
Tgt Ion: 82 Resp: 157364
Ion Ratio Lower Upper
82 100
128 38.4 29.8 44.6
54 58.8 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.734 min Scan# 1939
Delta R.T. -0.009 min
Lab File: BG048748.D
Acq: 17 Apr 2021 10:19

Tgt Ion:164 Resp: 47985
Ion Ratio Lower Upper
164 100
162 103.9 81.4 122.0
160 50.4 34.9 52.3

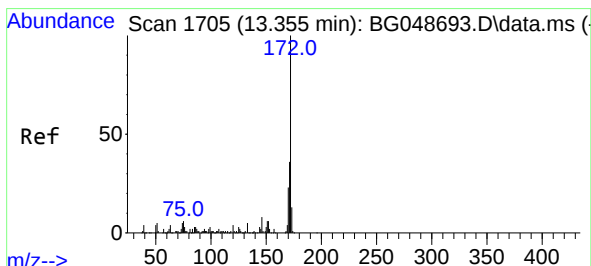
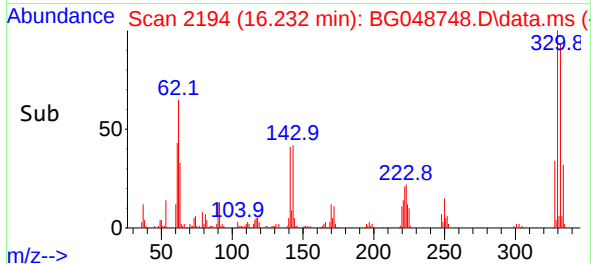
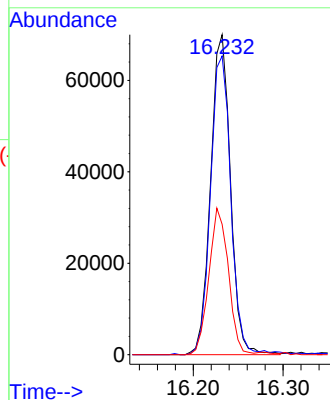
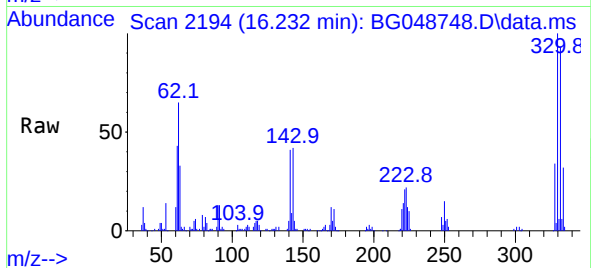




#42
2,4,6-Tribromophenol
Concen: 167.07 ng
RT: 16.232 min Scan# 2194
Delta R.T. -0.003 min
Lab File: BG048748.D
Acq: 17 Apr 2021 10:19

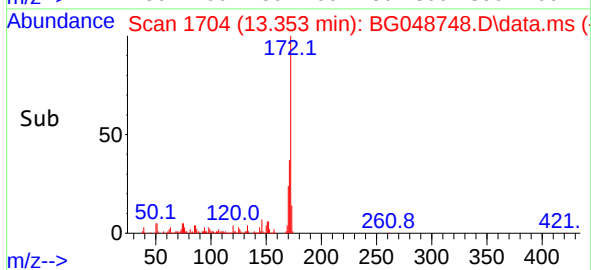
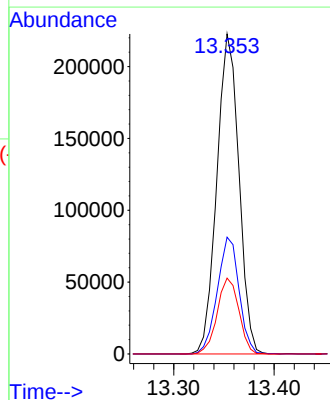
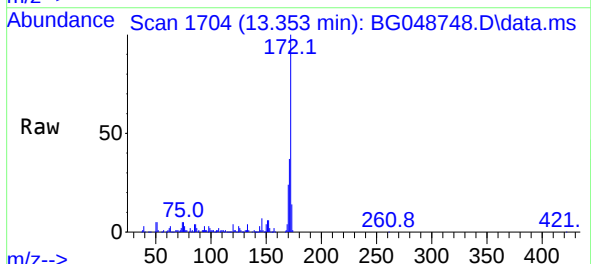
Instrument :
BNA_G
ClientSampleId :
TP-1

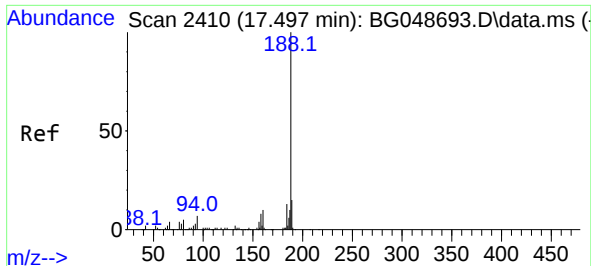
Tgt Ion:330 Resp: 107487
Ion Ratio Lower Upper
330 100
332 96.2 77.3 115.9
141 45.0 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 102.35 ng
RT: 13.353 min Scan# 1704
Delta R.T. -0.003 min
Lab File: BG048748.D
Acq: 17 Apr 2021 10:19

Tgt Ion:172 Resp: 340083
Ion Ratio Lower Upper
172 100
171 36.5 28.6 43.0
170 23.7 18.6 27.8

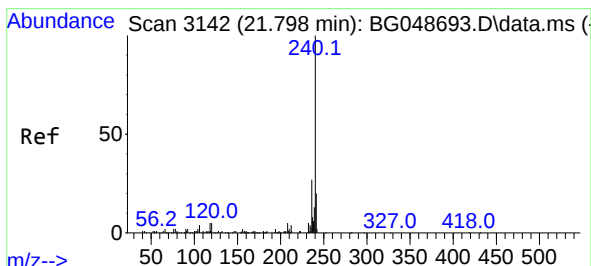
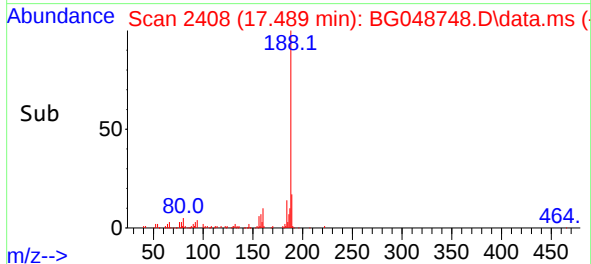
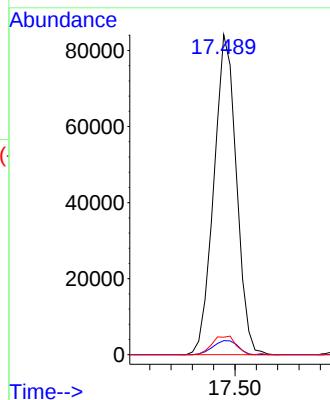
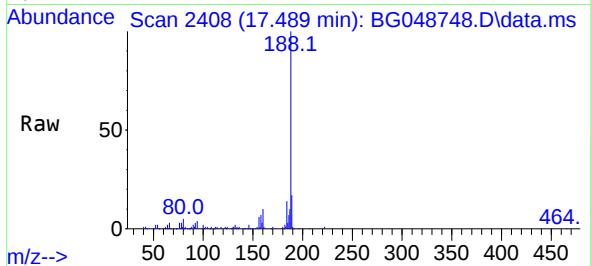




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.489 min Scan# 2408
Delta R.T. -0.009 min
Lab File: BG048748.D
Acq: 17 Apr 2021 10:19

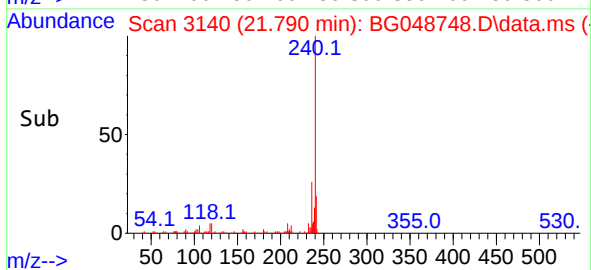
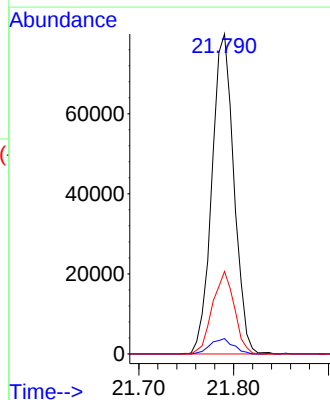
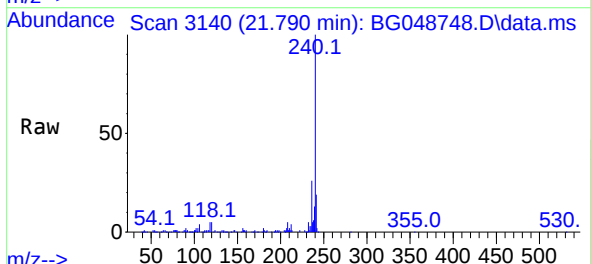
Instrument :
BNA_G
ClientSampled :
TP-1

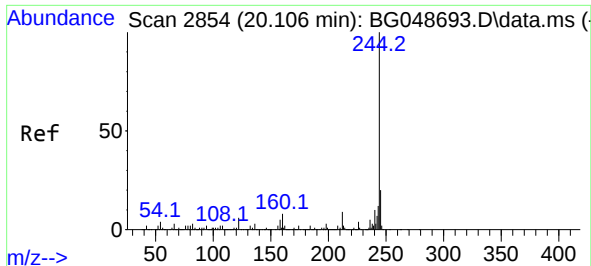
Tgt Ion:188	Resp:	123552
Ion Ratio	Lower	Upper
188	100	
94	4.4	5.4 8.0#
80	5.5	3.7 5.5



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.790 min Scan# 3140
Delta R.T. -0.009 min
Lab File: BG048748.D
Acq: 17 Apr 2021 10:19

Tgt Ion:240	Resp:	128796
Ion Ratio	Lower	Upper
240	100	
120	4.8	4.2 6.2
236	25.8	21.8 32.6



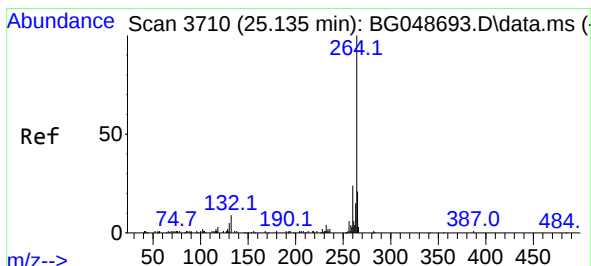
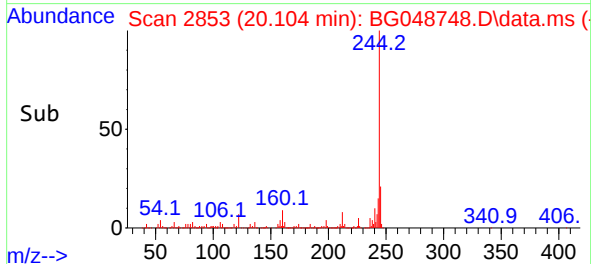
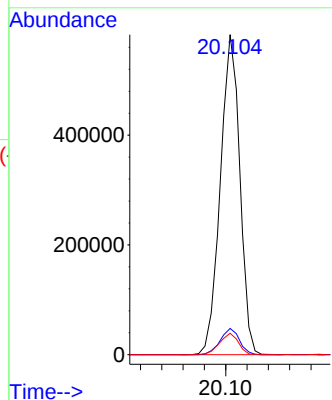
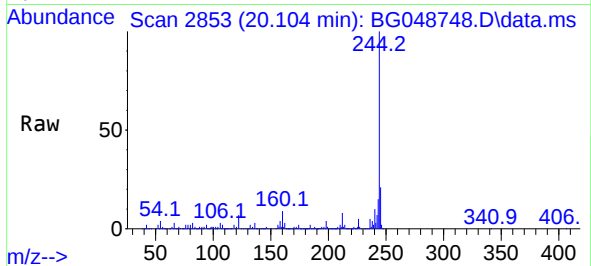


#79
 Terphenyl-d14
 Concen: 98.54 ng
 RT: 20.104 min Scan# 2853
 Delta R.T. -0.003 min
 Lab File: BG048748.D
 Acq: 17 Apr 2021 10:19

Instrument :
 BNA_G
 ClientSampled :
 TP-1

Tgt Ion:244 Resp: 737433

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.9	10.3
122	6.7	5.0	7.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.128 min Scan# 3708
 Delta R.T. -0.015 min
 Lab File: BG048748.D
 Acq: 17 Apr 2021 10:19

Tgt Ion:264 Resp: 126439

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.4	29.2
265	20.2	16.9	25.3

