

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061721\
 Data File : BG049012.D
 Acq On : 17 Jun 2021 13:40
 Operator : CG/JU
 Sample : M2735-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 124055

Quant Time: Jun 17 14:27:43 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 16 12:04:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.126	152	29941	20.000	ng	# 0.01
21) Naphthalene-d8	10.946	136	125495	20.000	ng	# 0.00
39) Acenaphthene-d10	14.759	164	93036	20.000	ng	0.00
64) Phenanthrene-d10	17.509	188	232775	20.000	ng	# 0.00
76) Chrysene-d12	21.798	240	243204	20.000	ng	0.00
86) Perylene-d12	25.135	264	250152	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.670	112	170535	88.664	ng	0.00
7) Phenol-d6	7.274	99	229761	79.701	ng	0.00
23) Nitrobenzene-d5	9.283	82	161721	55.567	ng	0.00
42) 2,4,6-Tribromophenol	16.246	330	124035	89.986	ng	0.00
45) 2-Fluorobiphenyl	13.384	172	330362	50.162	ng	0.00
79) Terphenyl-d14	20.118	244	665951	50.148	ng	0.00

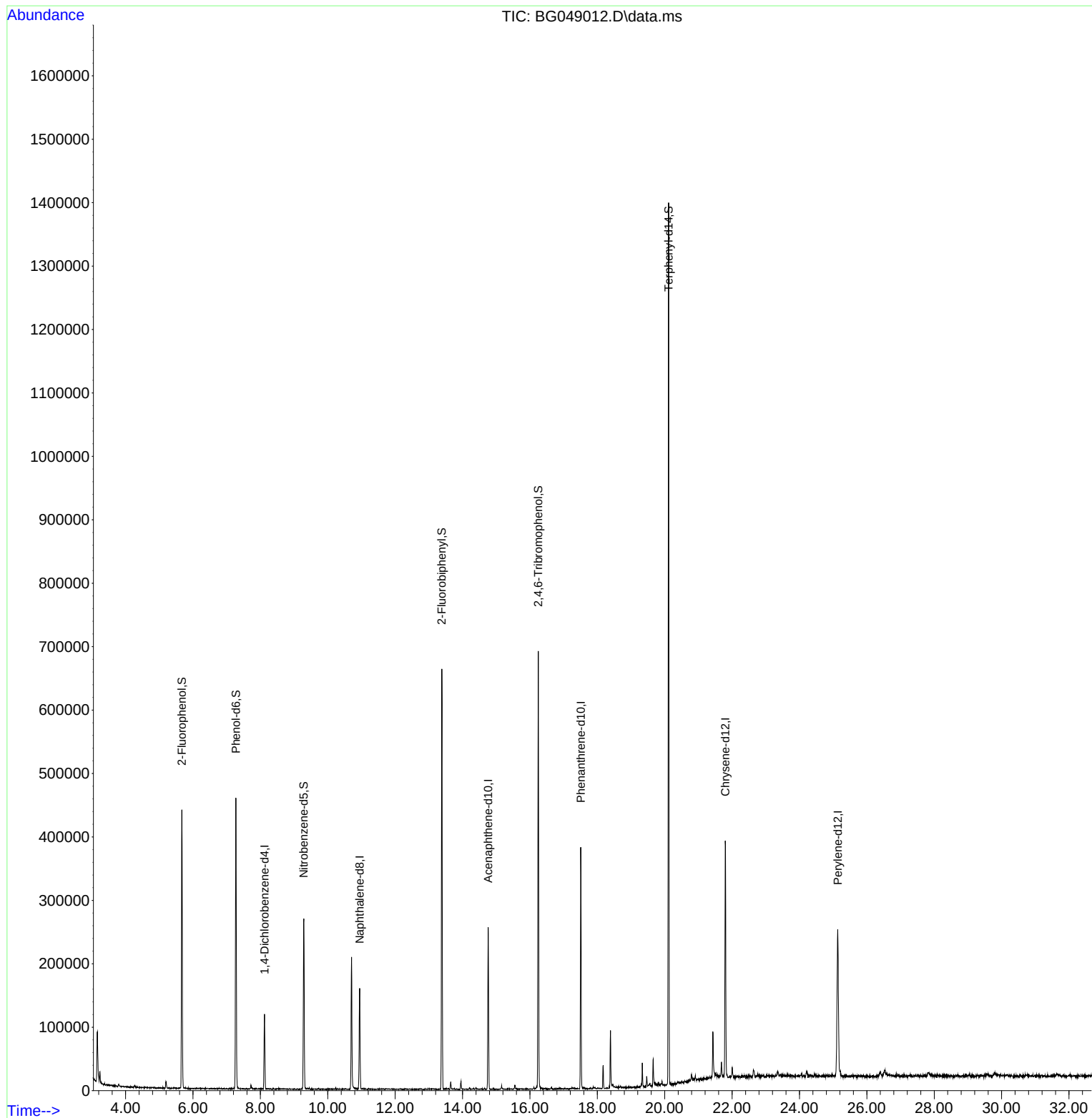
Target Compounds	Qvalue

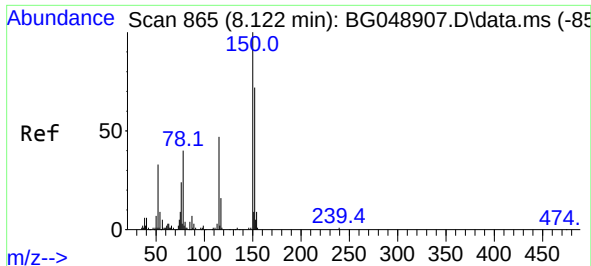
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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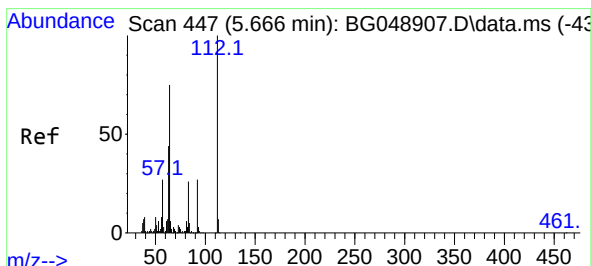
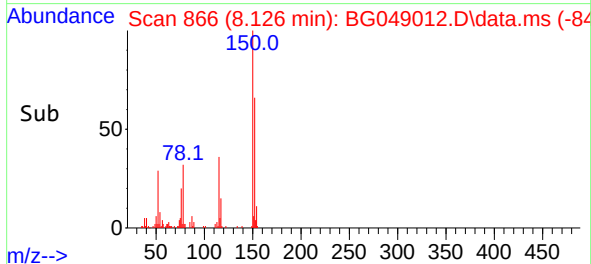
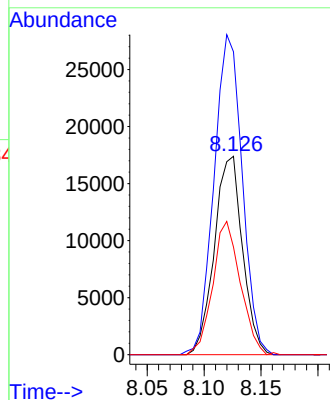
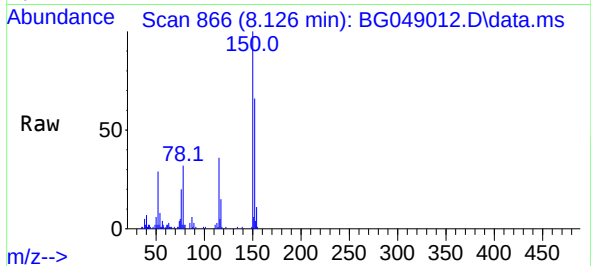




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.126 min Scan# 866
Delta R.T. 0.012 min
Lab File: BG049012.D
Acq: 17 Jun 2021 13:40

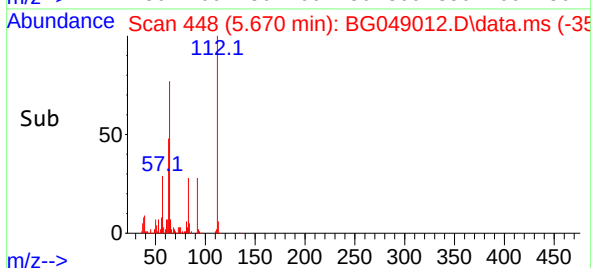
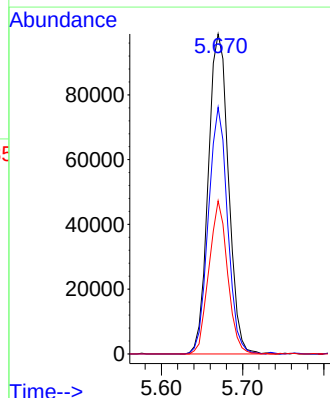
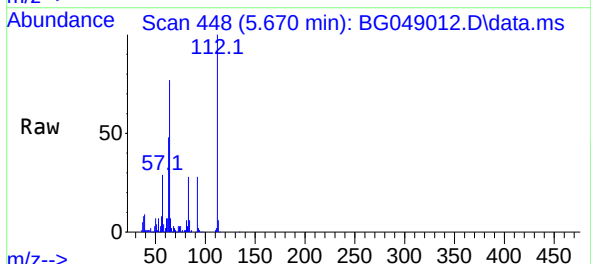
Instrument :
BNA_G
ClientSampleId :
124055

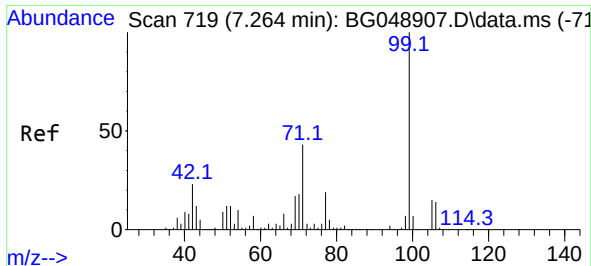
Tgt Ion:152 Resp: 29941
Ion Ratio Lower Upper
152 100
150 152.6 119.4 179.0
115 54.2 60.2 90.4#



#5
2-Fluorophenol
Concen: 88.664 ng
RT: 5.670 min Scan# 448
Delta R.T. 0.006 min
Lab File: BG049012.D
Acq: 17 Jun 2021 13:40

Tgt Ion:112 Resp: 170535
Ion Ratio Lower Upper
112 100
64 77.1 46.7 70.1#
63 47.9 35.3 52.9

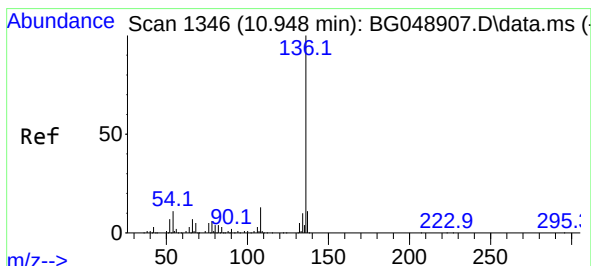
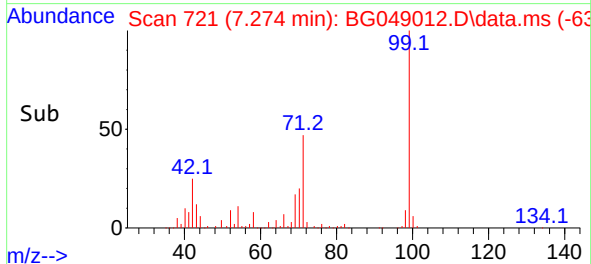
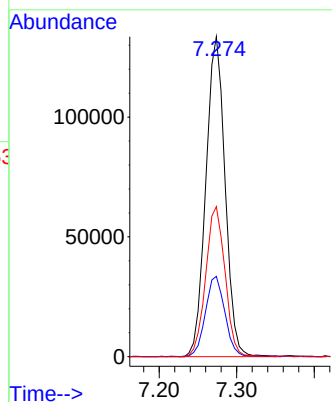
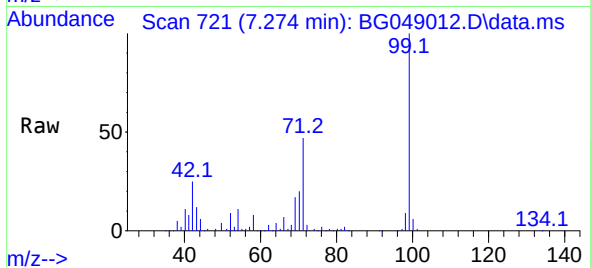




#7
Phenol-d6
Concen: 79.701 ng
RT: 7.274 min Scan# 721
Delta R.T. 0.006 min
Lab File: BG049012.D
Acq: 17 Jun 2021 13:40

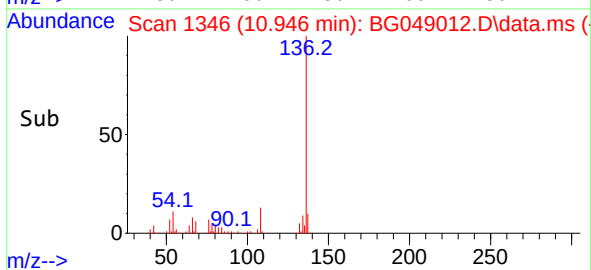
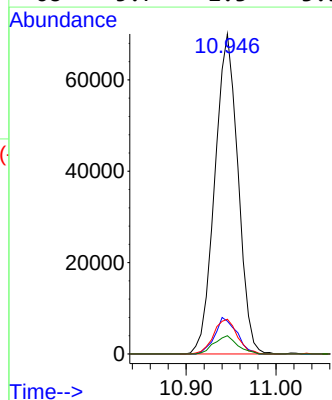
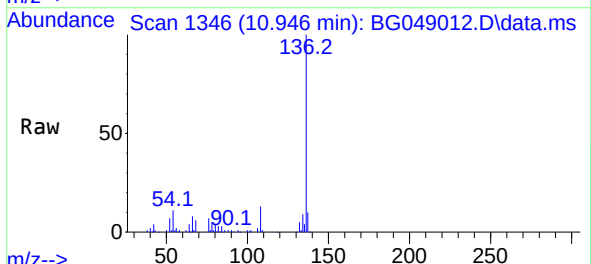
Instrument :
BNA_G
ClientSampleId :
124055

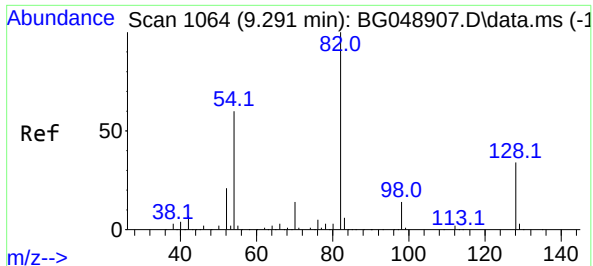
Tgt Ion: 99 Resp: 229761
Ion Ratio Lower Upper
99 100
42 25.1 20.5 30.7
71 46.9 41.5 62.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.946 min Scan# 1346
Delta R.T. 0.006 min
Lab File: BG049012.D
Acq: 17 Jun 2021 13:40

Tgt Ion:136 Resp: 125495
Ion Ratio Lower Upper
136 100
137 10.3 8.2 12.2
54 10.8 5.5 8.3#
68 5.7 2.3 3.5#

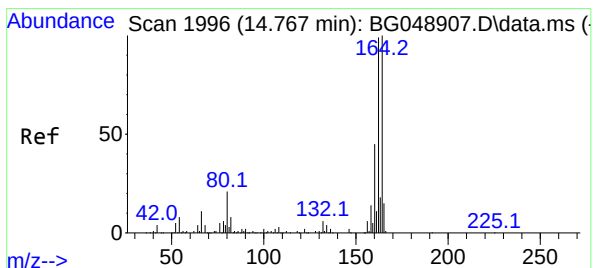
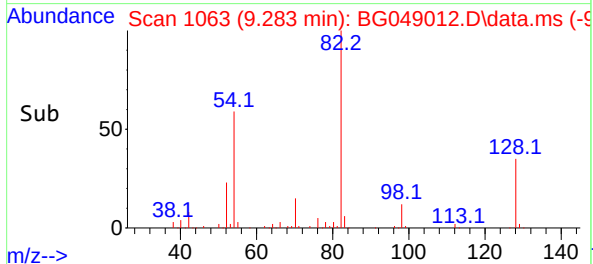
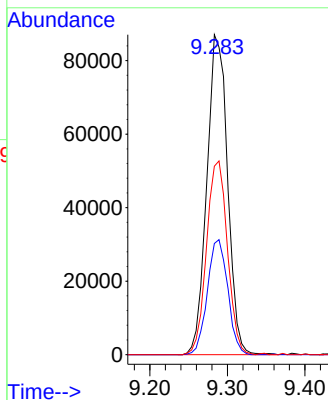
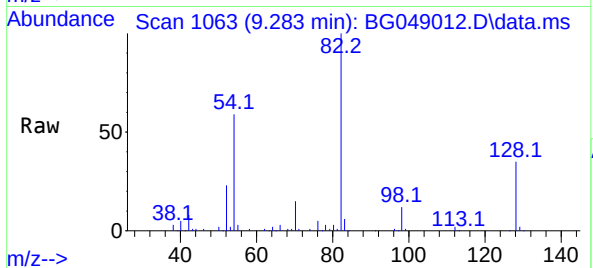




#23
Nitrobenzene-d5
Concen: 55.567 ng
RT: 9.283 min Scan# 1063
Delta R.T. 0.000 min
Lab File: BG049012.D
Acq: 17 Jun 2021 13:40

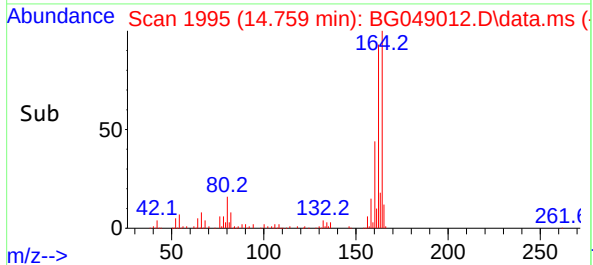
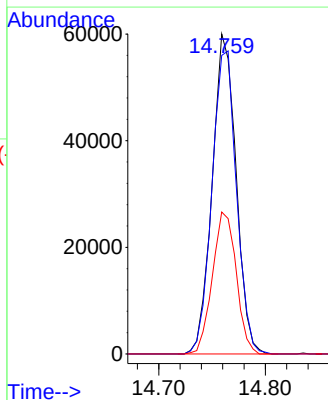
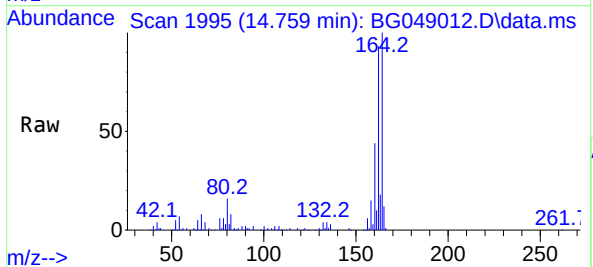
Instrument :
BNA_G
ClientSampleId :
124055

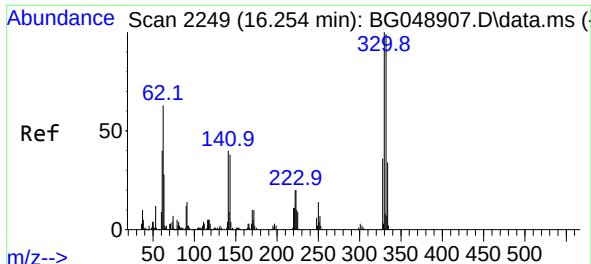
Tgt Ion: 82 Resp: 161721
Ion Ratio Lower Upper
82 100
128 34.8 29.8 44.6
54 58.9 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.759 min Scan# 1995
Delta R.T. 0.000 min
Lab File: BG049012.D
Acq: 17 Jun 2021 13:40

Tgt Ion:164 Resp: 93036
Ion Ratio Lower Upper
164 100
162 93.3 81.4 122.0
160 44.3 34.9 52.3

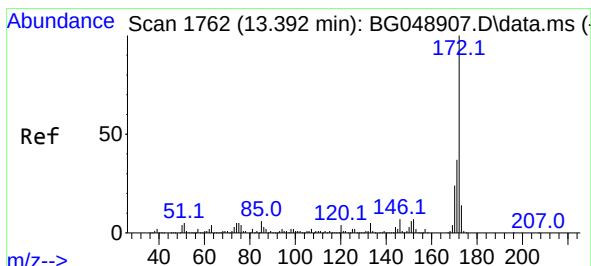
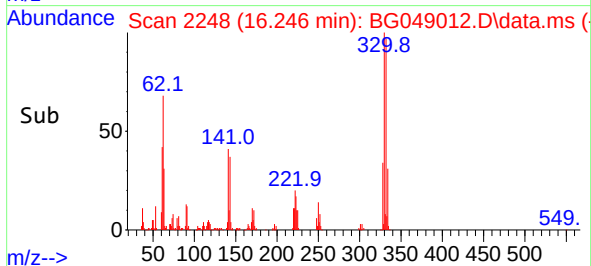
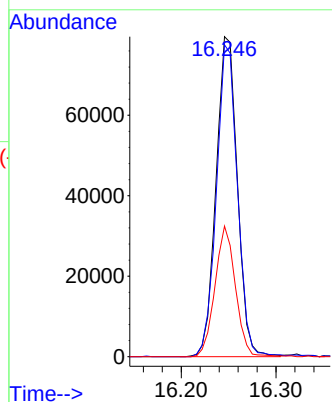
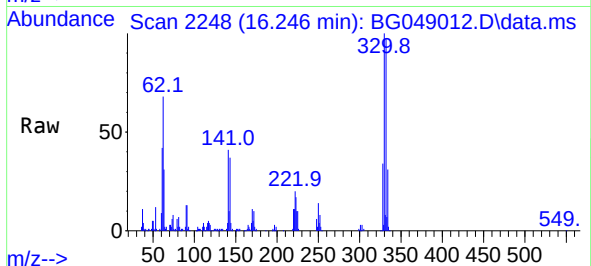




#42
2,4,6-Tribromophenol
Concen: 89.986 ng
RT: 16.246 min Scan# 2248
Delta R.T. 0.000 min
Lab File: BG049012.D
Acq: 17 Jun 2021 13:40

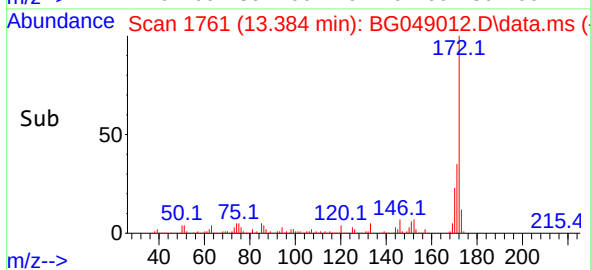
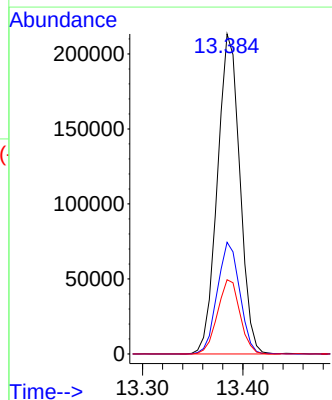
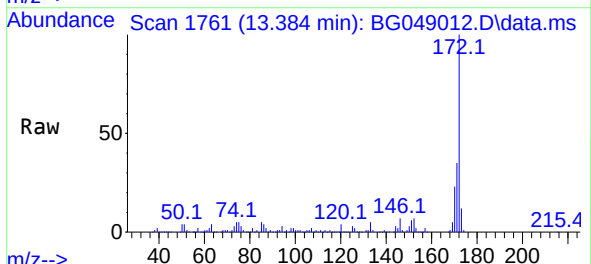
Instrument :
BNA_G
ClientSampleId :
124055

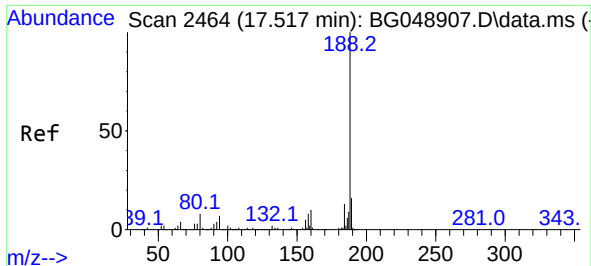
Tgt Ion:	330	Resp:	124035
Ion Ratio	Lower	Upper	
330	100		
332	96.3	77.3	115.9
141	39.3	35.6	53.4



#45
2-Fluorobiphenyl
Concen: 50.162 ng
RT: 13.384 min Scan# 1761
Delta R.T. 0.000 min
Lab File: BG049012.D
Acq: 17 Jun 2021 13:40

Tgt Ion:	172	Resp:	330362
Ion Ratio	Lower	Upper	
172	100		
171	34.9	28.6	43.0
170	23.2	18.6	27.8

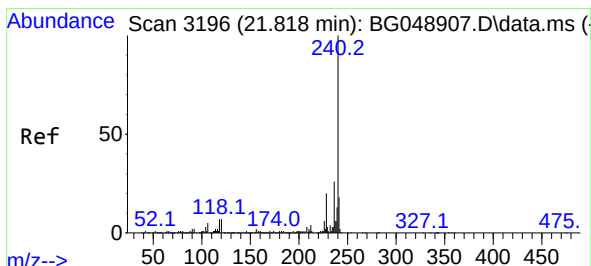
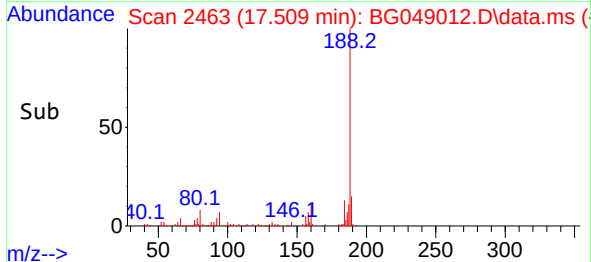
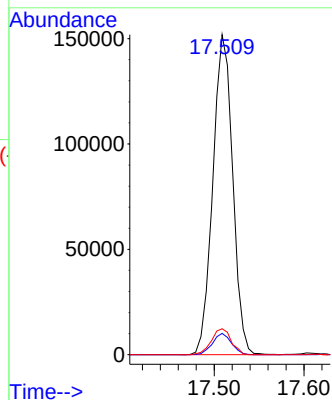
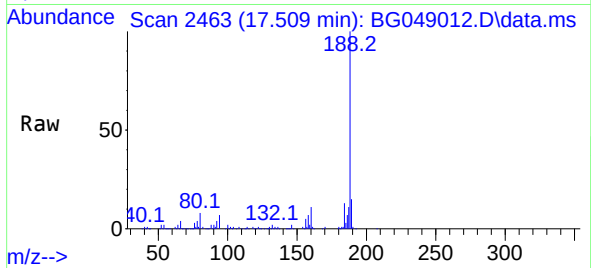




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.509 min Scan# 2463
Delta R.T. 0.000 min
Lab File: BG049012.D
Acq: 17 Jun 2021 13:40

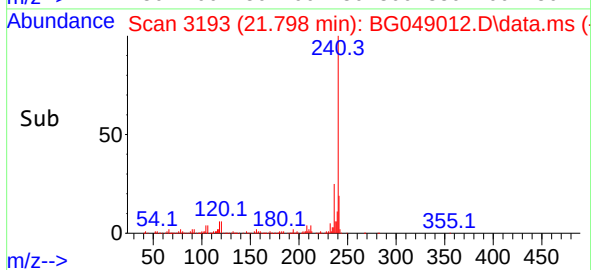
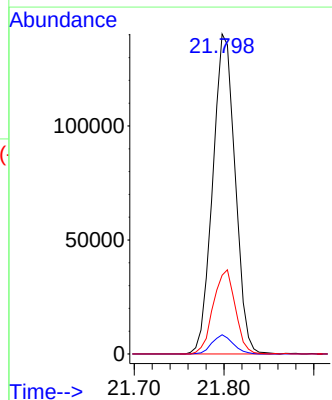
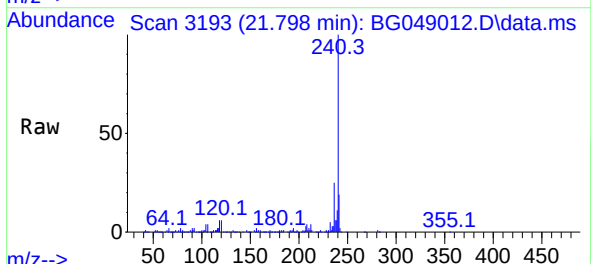
Instrument :
BNA_G
ClientSampleId :
124055

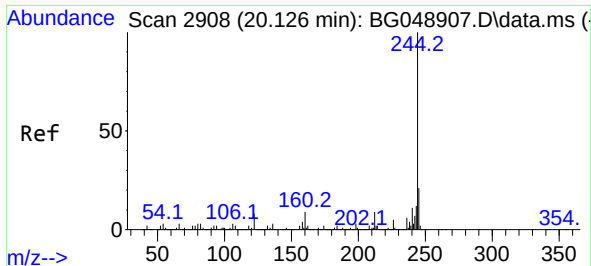
Tgt Ion:188 Resp: 232775
Ion Ratio Lower Upper
188 100
94 6.7 5.4 8.0
80 8.1 3.7 5.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.798 min Scan# 3193
Delta R.T. 0.000 min
Lab File: BG049012.D
Acq: 17 Jun 2021 13:40

Tgt Ion:240 Resp: 243204
Ion Ratio Lower Upper
240 100
120 6.0 4.2 6.2
236 24.6 21.8 32.6

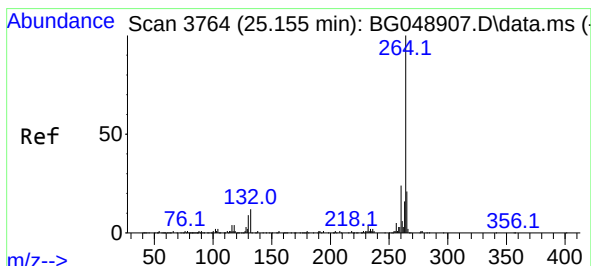
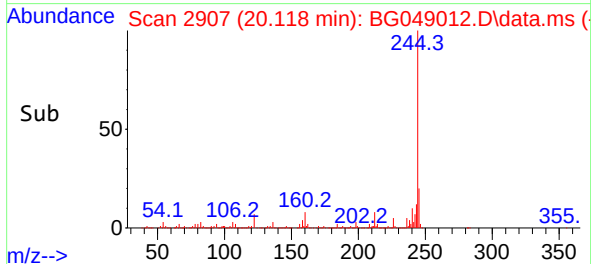
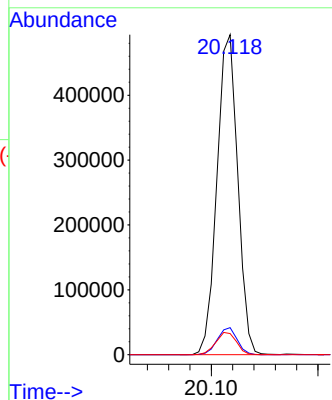
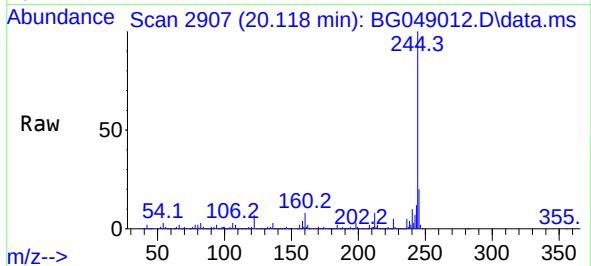




#79
 Terphenyl-d14
 Concen: 50.148 ng
 RT: 20.118 min Scan# 2907
 Delta R.T. 0.006 min
 Lab File: BG049012.D
 Acq: 17 Jun 2021 13:40

Instrument :
 BNA_G
 ClientSampled :
 124055

Tgt Ion:244 Resp: 665951
 Ion Ratio Lower Upper
 244 100
 212 8.5 6.9 10.3
 122 6.6 5.0 7.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.135 min Scan# 3761
 Delta R.T. 0.006 min
 Lab File: BG049012.D
 Acq: 17 Jun 2021 13:40

Tgt Ion:264 Resp: 250152
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.4 29.2
 265 22.1 16.9 25.3

