

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042721\
 Data File : BG048893.D
 Acq On : 27 Apr 2021 19:18
 Operator : CG/JU
 Sample : M2186-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B3A

Quant Time: Apr 28 01:47:45 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 27 16:50:19 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.016	152	17427	20.00	ng	# 0.00
21) Naphthalene-d8	10.842	136	73617	20.00	ng	# 0.00
39) Acenaphthene-d10	14.667	164	53064	20.00	ng	0.00
64) Phenanthrene-d10	17.417	188	127267	20.00	ng	# 0.00
76) Chrysene-d12	21.689	240	130277	20.00	ng	-0.01
86) Perylene-d12	24.944	264	132469	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.578	112	110702	106.24	ng	0.00
7) Phenol-d6	7.188	99	145005	98.39	ng	0.00
23) Nitrobenzene-d5	9.191	82	110410	67.15	ng	0.00
42) 2,4,6-Tribromophenol	16.160	330	61165	85.97	ng	0.00
45) 2-Fluorobiphenyl	13.287	172	238018	64.78	ng	0.00
79) Terphenyl-d14	20.026	244	453063	59.86	ng	0.00

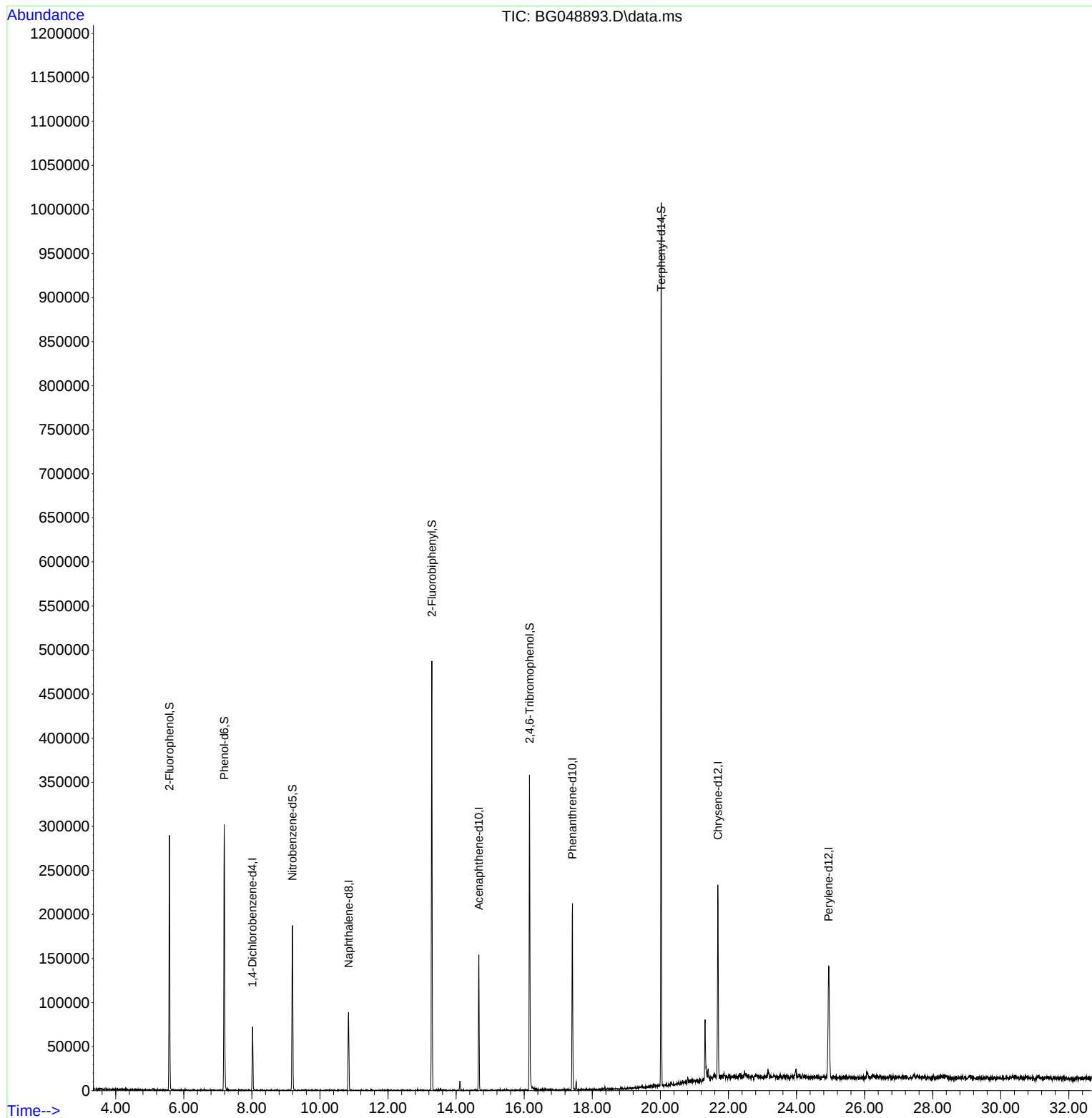
Target Compounds	Qvalue

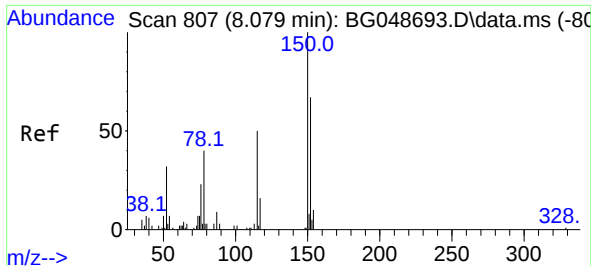
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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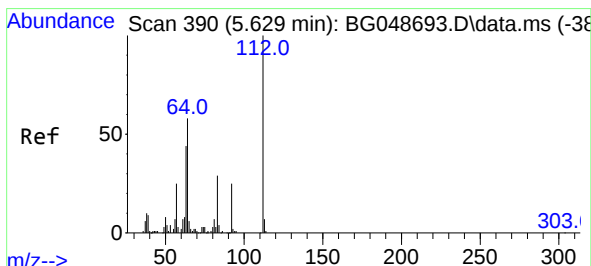
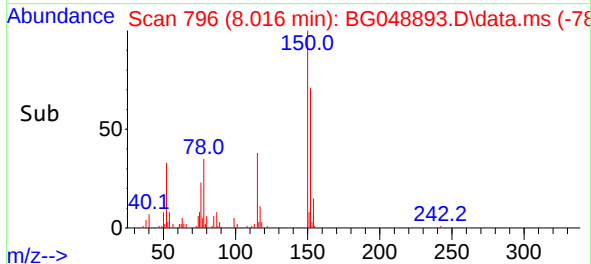
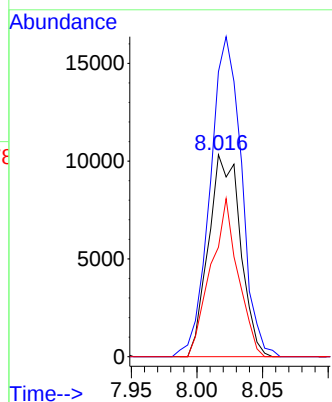
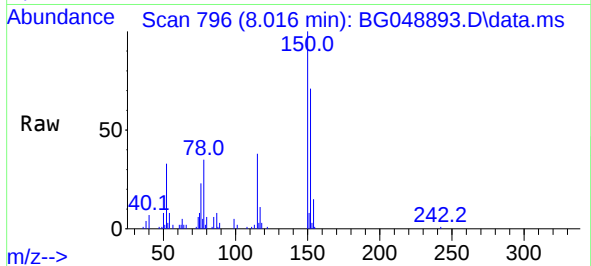




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.016 min Scan# 796
Delta R.T. -0.006 min
Lab File: BG048893.D
Acq: 27 Apr 2021 19:18

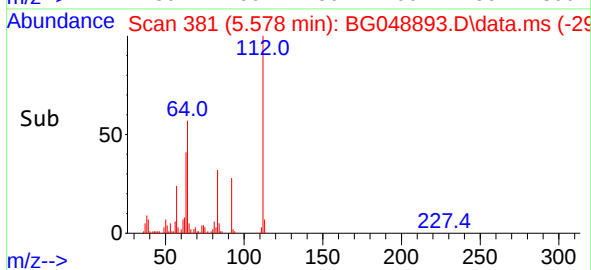
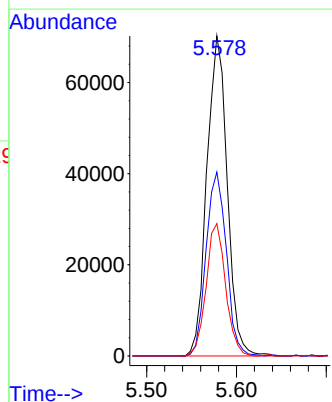
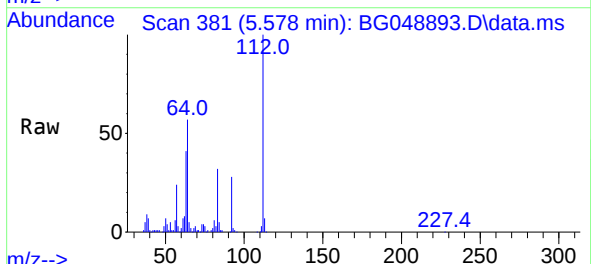
Instrument :
BNA_G
ClientSampleId :
B3A

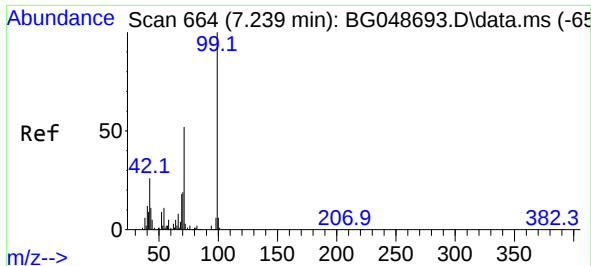
Tgt Ion:152 Resp: 17427
Ion Ratio Lower Upper
152 100
150 141.1 119.4 179.0
115 54.2 60.2 90.4#



#5
2-Fluorophenol
Concen: 106.24 ng
RT: 5.578 min Scan# 381
Delta R.T. 0.000 min
Lab File: BG048893.D
Acq: 27 Apr 2021 19:18

Tgt Ion:112 Resp: 110702
Ion Ratio Lower Upper
112 100
64 57.4 46.7 70.1
63 41.4 35.3 52.9

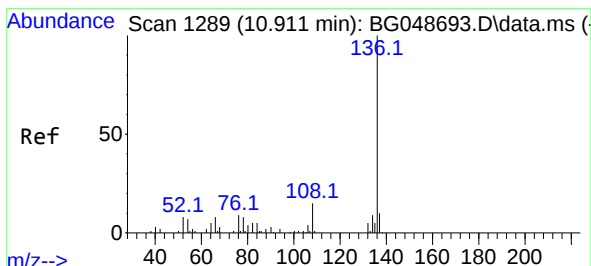
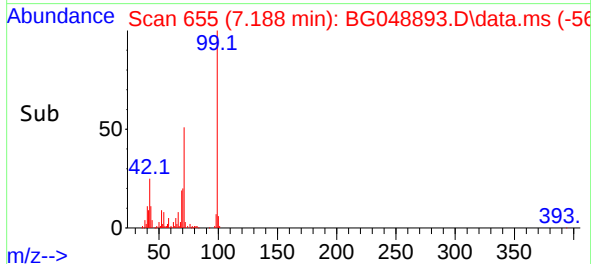
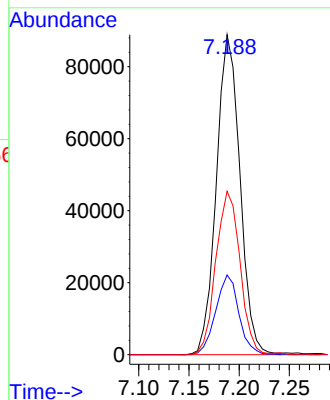
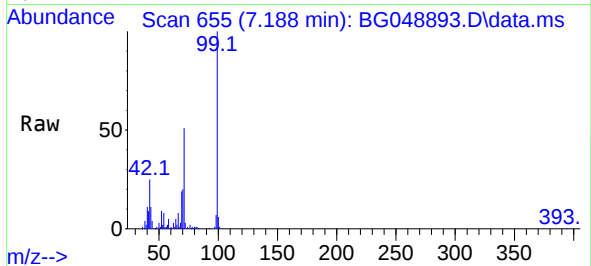




#7
Phenol-d6
Concen: 98.39 ng
RT: 7.188 min Scan# 655
Delta R.T. -0.006 min
Lab File: BG048893.D
Acq: 27 Apr 2021 19:18

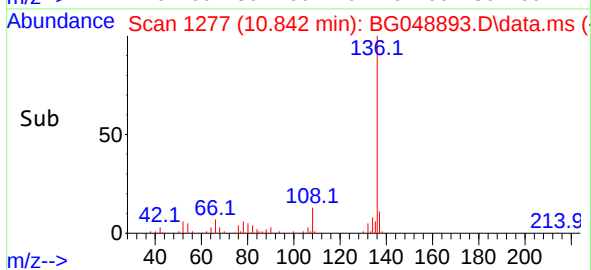
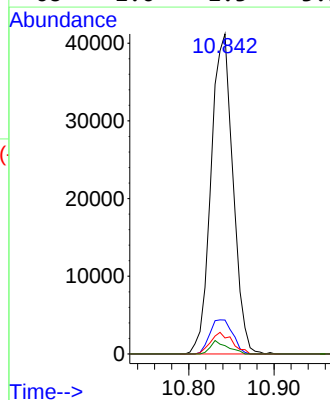
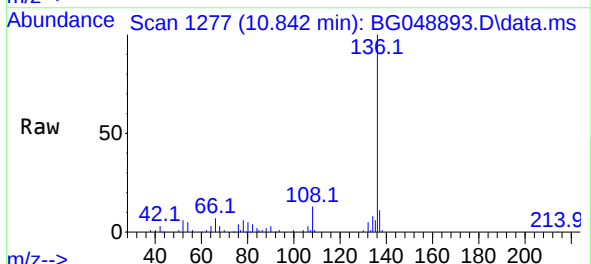
Instrument :
BNA_G
ClientSampled :
B3A

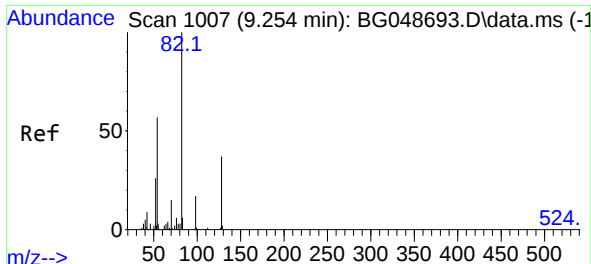
Tgt Ion: 99 Resp: 145005
Ion Ratio Lower Upper
99 100
42 24.9 20.5 30.7
71 51.0 41.5 62.3



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.842 min Scan# 1277
Delta R.T. 0.000 min
Lab File: BG048893.D
Acq: 27 Apr 2021 19:18

Tgt Ion: 136 Resp: 73617
Ion Ratio Lower Upper
136 100
137 10.6 8.2 12.2
54 5.0 5.5 8.3#
68 2.6 2.3 3.5

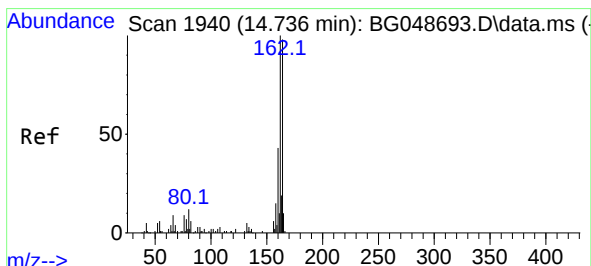
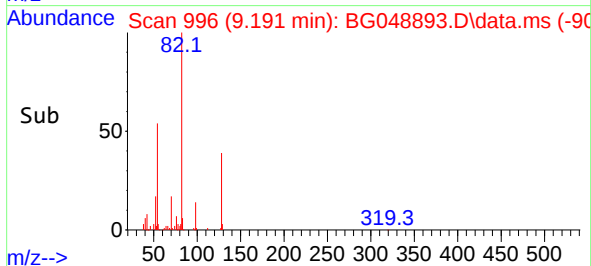
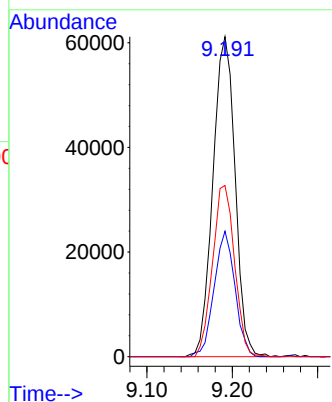
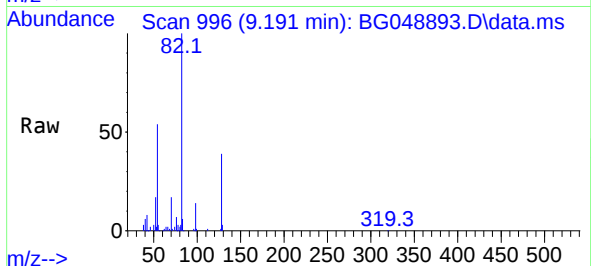




#23
Nitrobenzene-d5
Concen: 67.15 ng
RT: 9.191 min Scan# 996
Delta R.T. 0.000 min
Lab File: BG048893.D
Acq: 27 Apr 2021 19:18

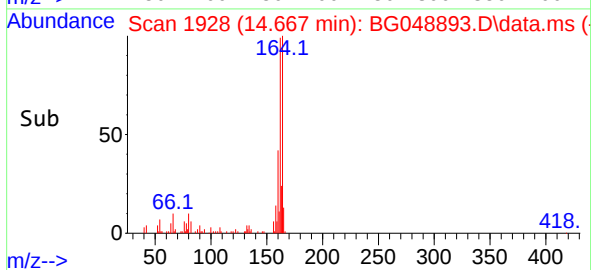
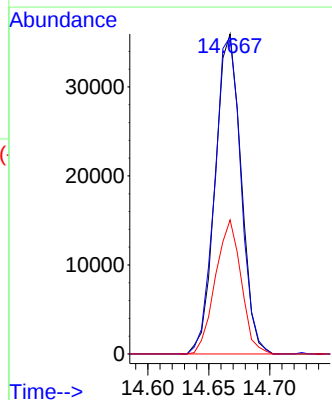
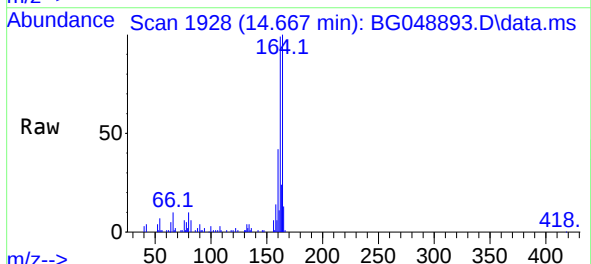
Instrument :
BNA_G
ClientSampleId :
B3A

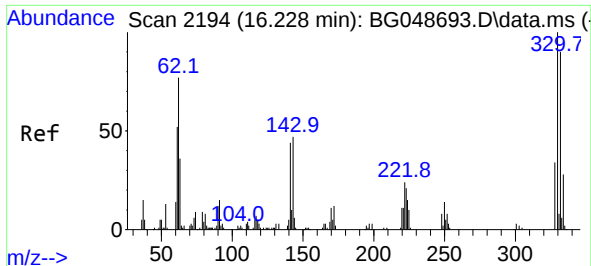
Tgt Ion: 82 Resp: 110410
Ion Ratio Lower Upper
82 100
128 39.2 29.8 44.6
54 53.5 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.667 min Scan# 1928
Delta R.T. 0.000 min
Lab File: BG048893.D
Acq: 27 Apr 2021 19:18

Tgt Ion:164 Resp: 53064
Ion Ratio Lower Upper
164 100
162 99.1 81.4 122.0
160 41.9 34.9 52.3

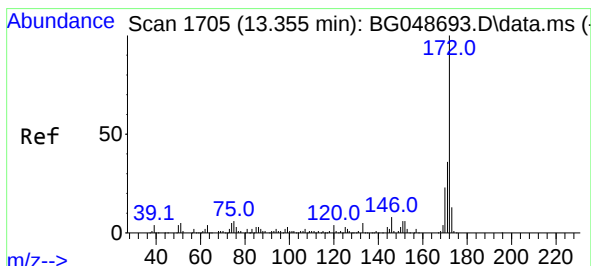
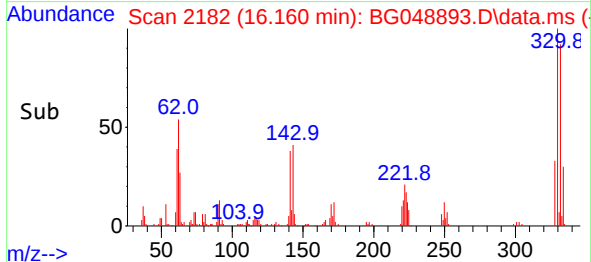
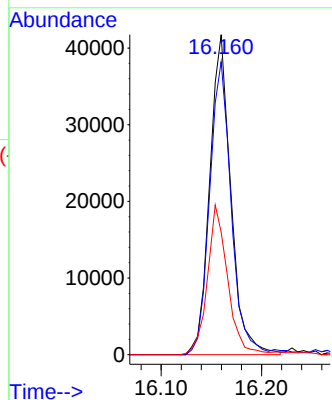
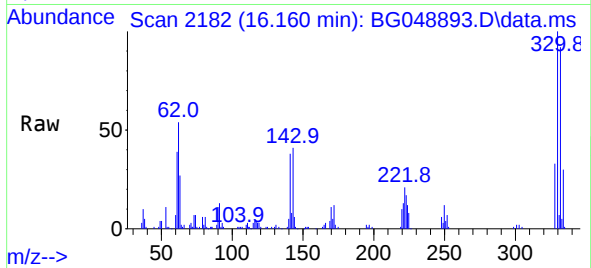




#42
2,4,6-Tribromophenol
Concen: 85.97 ng
RT: 16.160 min Scan# 2182
Delta R.T. -0.006 min
Lab File: BG048893.D
Acq: 27 Apr 2021 19:18

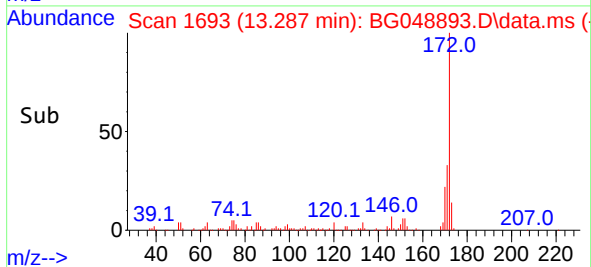
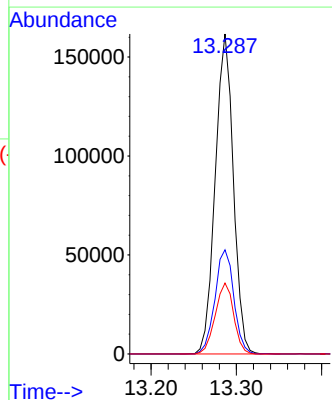
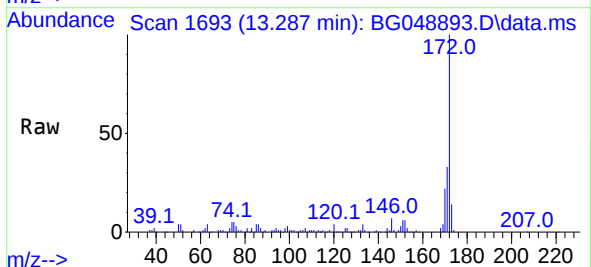
Instrument :
BNA_G
ClientSampled :
B3A

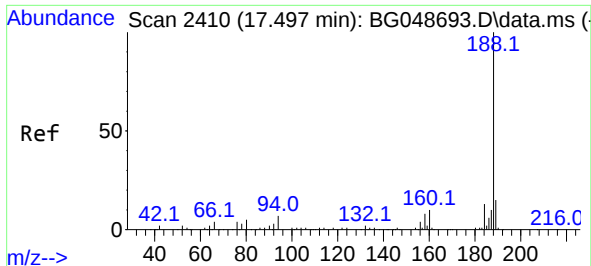
Tgt Ion:330 Resp: 61165
Ion Ratio Lower Upper
330 100
332 92.9 77.3 115.9
141 44.7 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 64.78 ng
RT: 13.287 min Scan# 1693
Delta R.T. 0.000 min
Lab File: BG048893.D
Acq: 27 Apr 2021 19:18

Tgt Ion:172 Resp: 238018
Ion Ratio Lower Upper
172 100
171 32.5 28.6 43.0
170 22.2 18.6 27.8

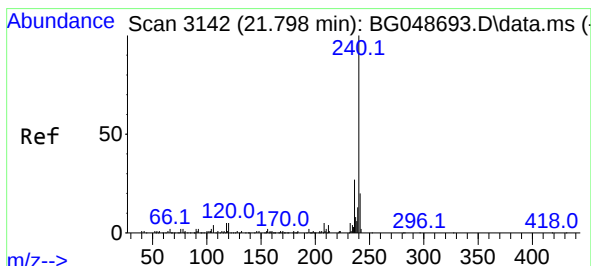
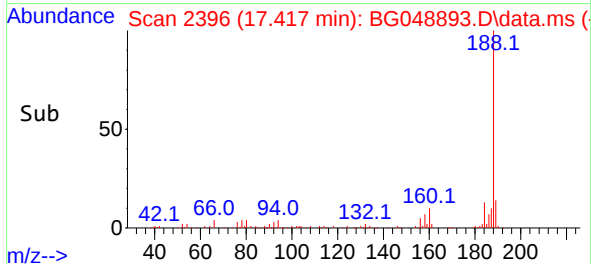
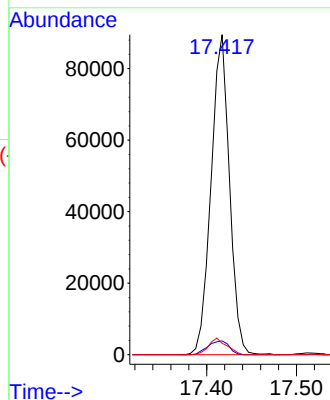
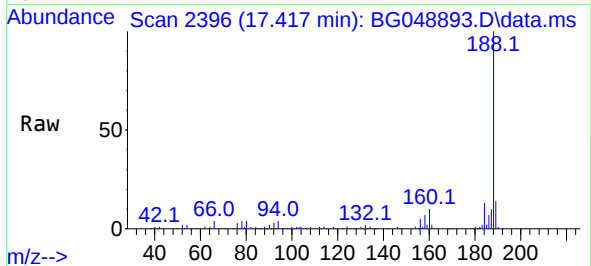




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.417 min Scan# 2396
Delta R.T. 0.000 min
Lab File: BG048893.D
Acq: 27 Apr 2021 19:18

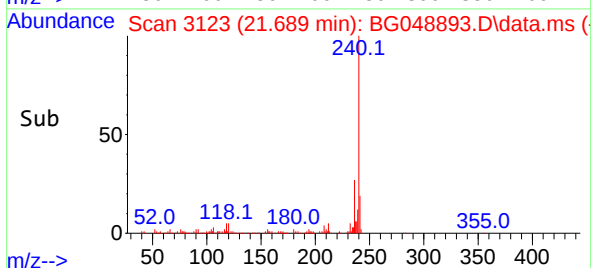
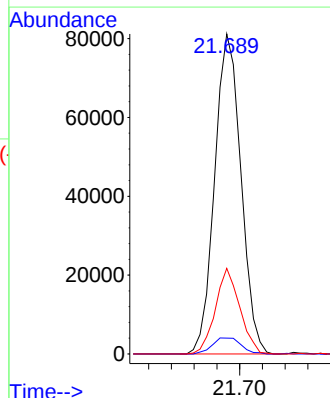
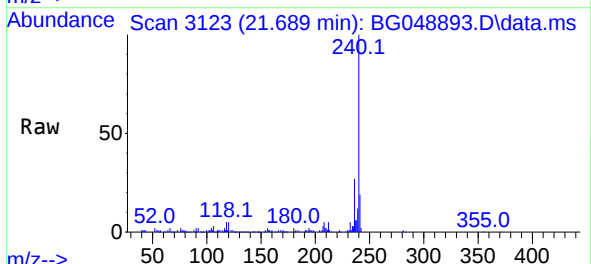
Instrument :
BNA_G
ClientSampled :
B3A

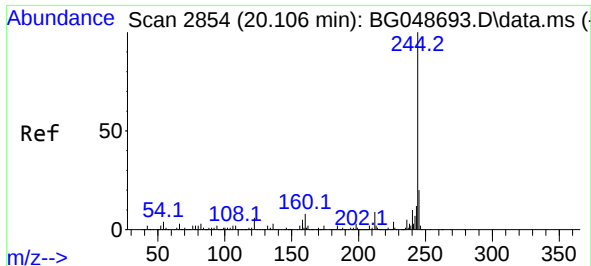
Tgt Ion:188 Resp: 127267
Ion Ratio Lower Upper
188 100
94 4.3 5.4 8.0#
80 3.6 3.7 5.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.689 min Scan# 3123
Delta R.T. -0.011 min
Lab File: BG048893.D
Acq: 27 Apr 2021 19:18

Tgt Ion:240 Resp: 130277
Ion Ratio Lower Upper
240 100
120 4.9 4.2 6.2
236 26.8 21.8 32.6

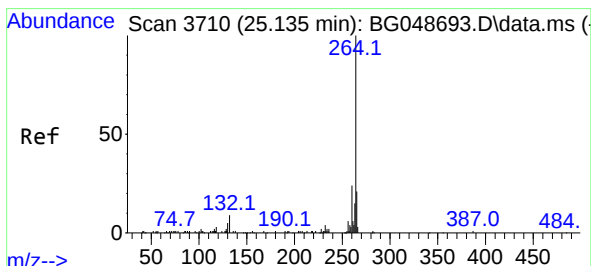
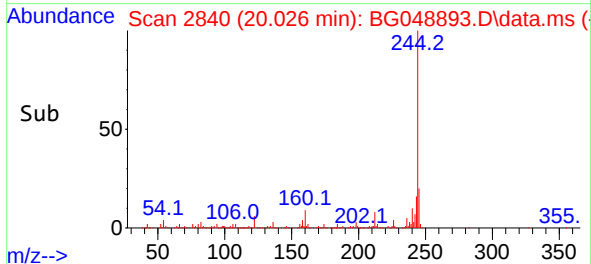
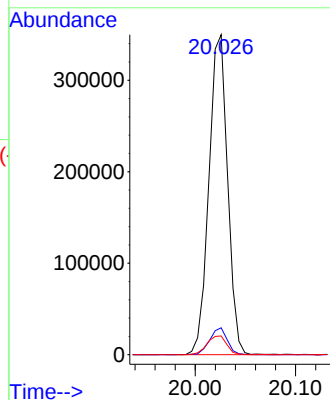
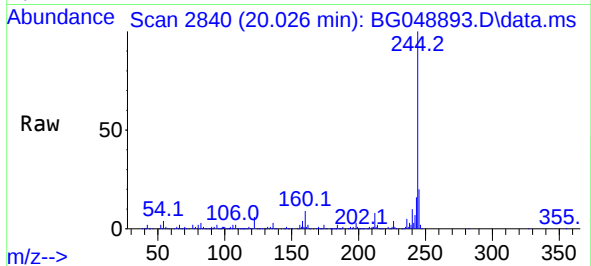




#79
 Terphenyl-d14
 Concen: 59.86 ng
 RT: 20.026 min Scan# 2840
 Delta R.T. 0.000 min
 Lab File: BG048893.D
 Acq: 27 Apr 2021 19:18

Instrument :
 BNA_G
 ClientSampled :
 B3A

Tgt Ion:244 Resp: 453063
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.9 10.3
 122 5.9 5.0 7.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.944 min Scan# 3677
 Delta R.T. -0.011 min
 Lab File: BG048893.D
 Acq: 27 Apr 2021 19:18

Tgt Ion:264 Resp: 132469
 Ion Ratio Lower Upper
 264 100
 260 21.0 19.4 29.2
 265 19.8 16.9 25.3

