

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041321\
 Data File : BG048685.D
 Acq On : 13 Apr 2021 22:23
 Operator : CG/JU
 Sample : M1991-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JCSY-WC3-1

Quant Time: Apr 14 00:33:07 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 07 10:06:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.085	152	15282	20.00	ng	#-0.01
21) Naphthalene-d8	10.905	136	60572	20.00	ng	#-0.02
39) Acenaphthene-d10	14.736	164	44226	20.00	ng	-0.01
64) Phenanthrene-d10	17.492	188	121592	20.00	ng	0.00
76) Chrysene-d12	21.787	240	132810	20.00	ng	#-0.01
86) Perylene-d12	25.124	264	129100	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.635	112	113386	130.99	ng	0.00
7) Phenol-d6	7.245	99	126648	100.89	ng	0.00
23) Nitrobenzene-d5	9.254	82	126610	101.20	ng	0.00
42) 2,4,6-Tribromophenol	16.229	330	91761	157.84	ng	0.00
45) 2-Fluorobiphenyl	13.355	172	266937	89.71	ng	-0.01
79) Terphenyl-d14	20.101	244	666311	91.75	ng	0.00

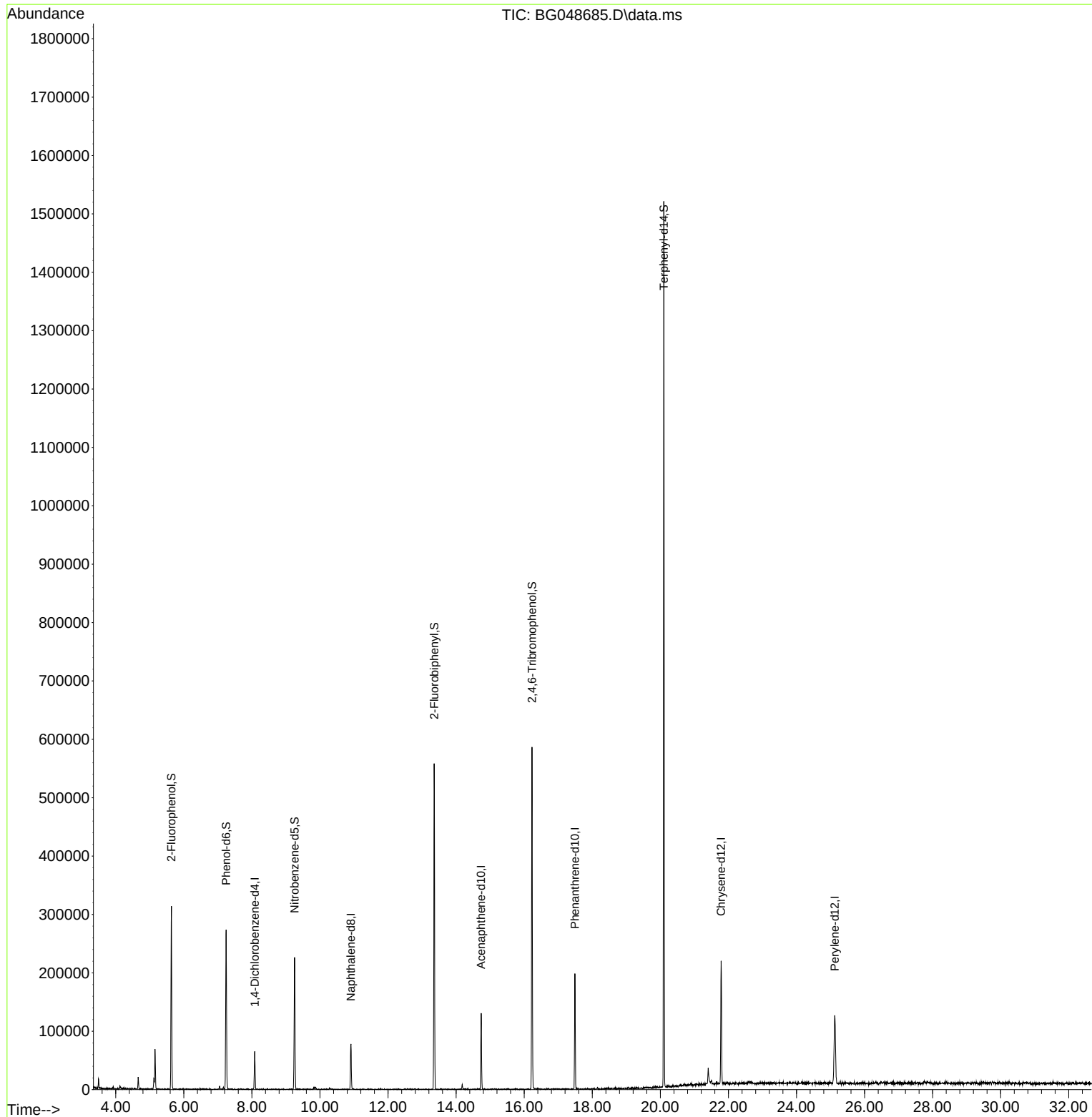
Target Compounds	Qvalue

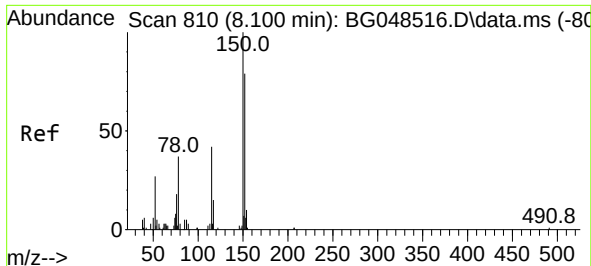
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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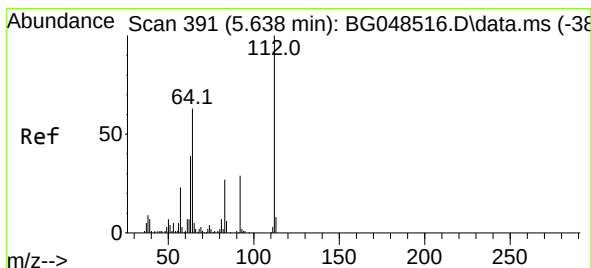
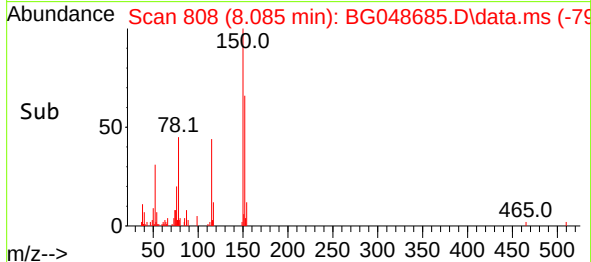
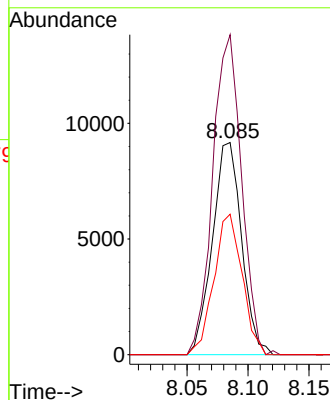
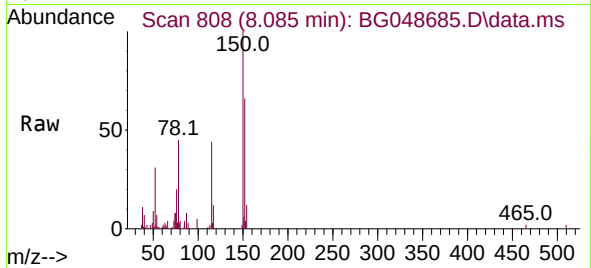




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.085 min Scan# 808
Delta R.T. -0.015 min
Lab File: BG048685.D
Acq: 13 Apr 2021 22:23

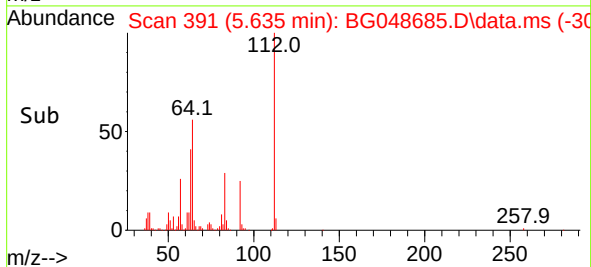
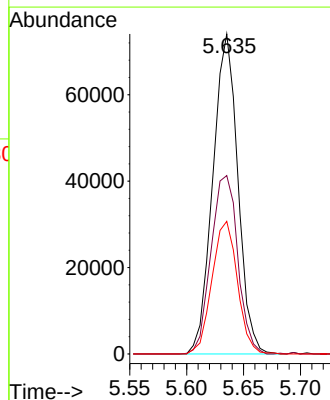
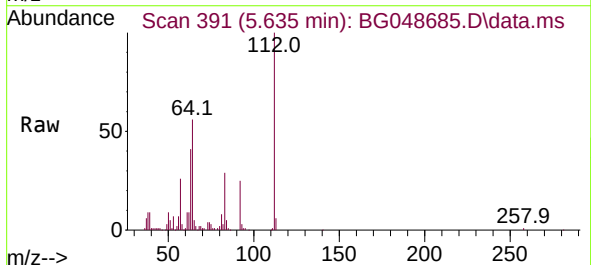
Instrument :
BNA_G
ClientSampleId :
JCSY-WC3-1

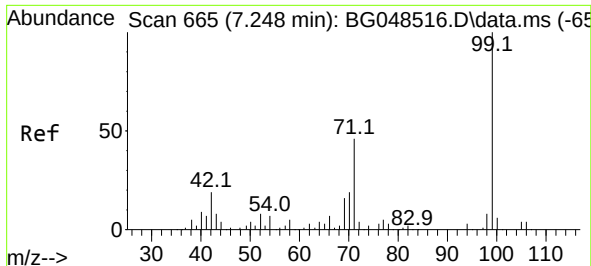
Tgt Ion:152 Resp: 15282
Ion Ratio Lower Upper
152 100
150 150.9 101.3 151.9
115 66.2 42.3 63.5#



#5
2-Fluorophenol
Concen: 130.99 ng
RT: 5.635 min Scan# 391
Delta R.T. -0.003 min
Lab File: BG048685.D
Acq: 13 Apr 2021 22:23

Tgt Ion:112 Resp: 113386
Ion Ratio Lower Upper
112 100
64 55.8 50.4 75.6
63 41.5 31.4 47.2

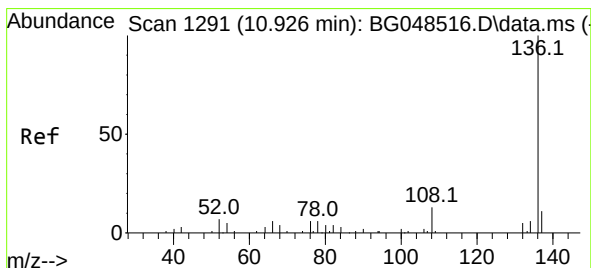
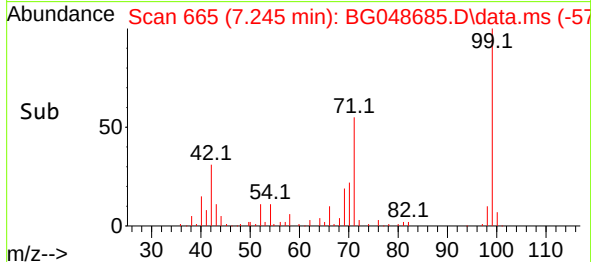
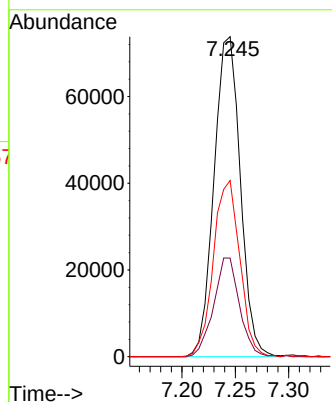
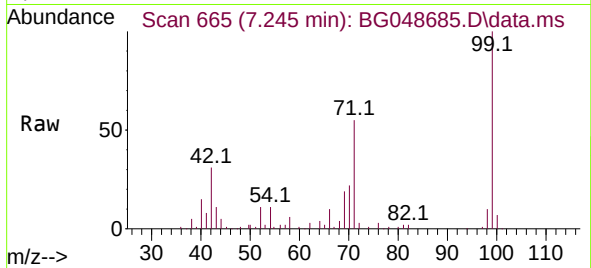




#7
Phenol-d6
Concen: 100.89 ng
RT: 7.245 min Scan# 665
Delta R.T. -0.003 min
Lab File: BG048685.D
Acq: 13 Apr 2021 22:23

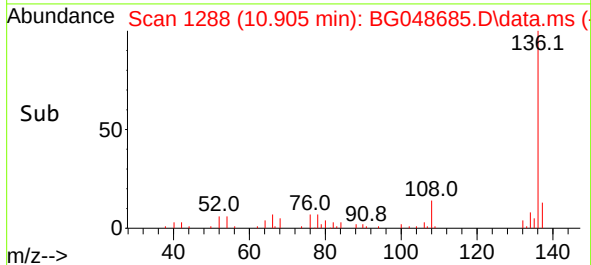
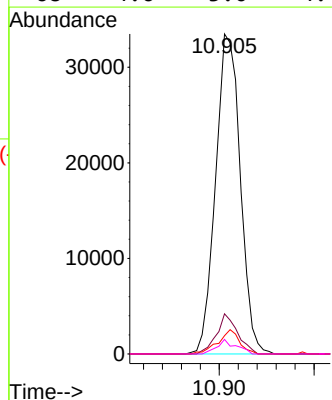
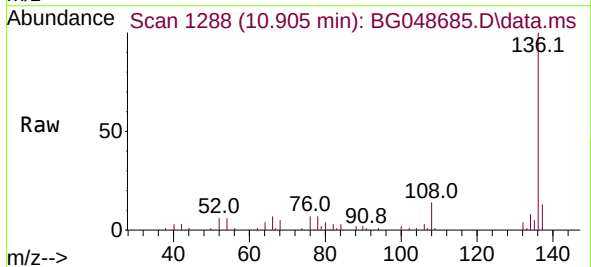
Instrument :
BNA_G
ClientSampled :
JCSY-WC3-1

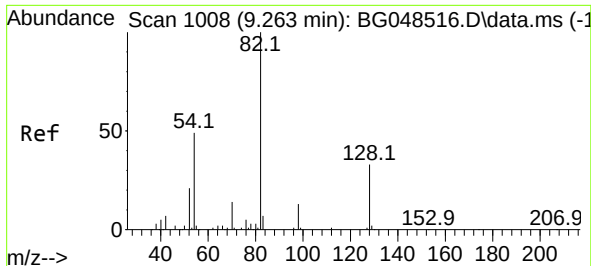
Tgt Ion: 99 Resp: 126648
Ion Ratio Lower Upper
99 100
42 30.8 15.5 23.3#
71 55.1 36.6 54.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.905 min Scan# 1288
Delta R.T. -0.021 min
Lab File: BG048685.D
Acq: 13 Apr 2021 22:23

Tgt Ion:136 Resp: 60572
Ion Ratio Lower Upper
136 100
137 12.6 8.6 12.8
54 5.7 4.2 6.4
68 4.6 3.0 4.4#

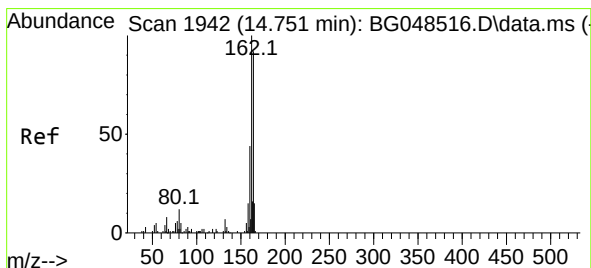
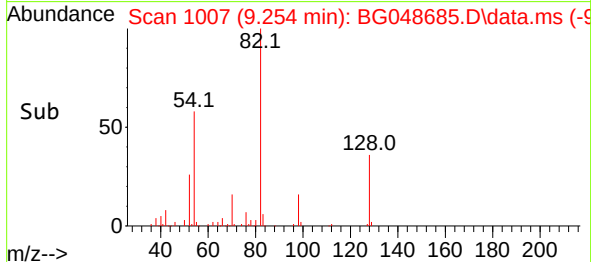
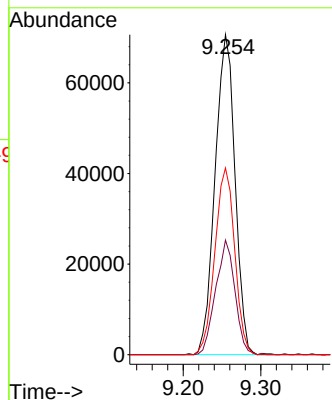
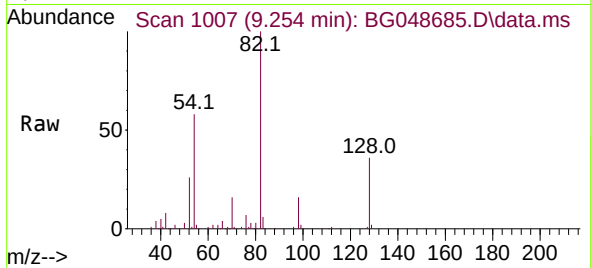




#23
Nitrobenzene-d5
Concen: 101.20 ng
RT: 9.254 min Scan# 1007
Delta R.T. -0.009 min
Lab File: BG048685.D
Acq: 13 Apr 2021 22:23

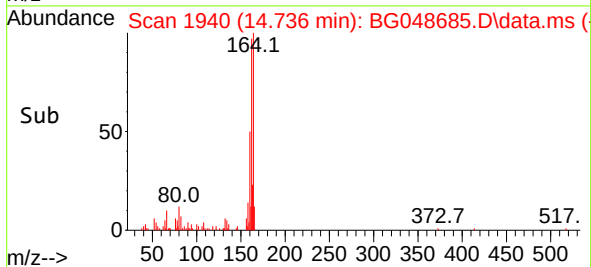
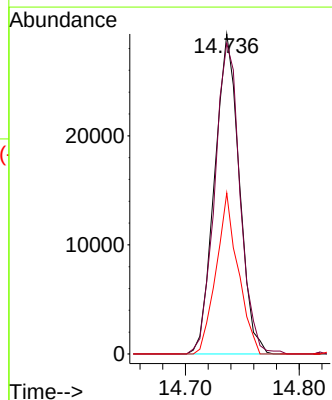
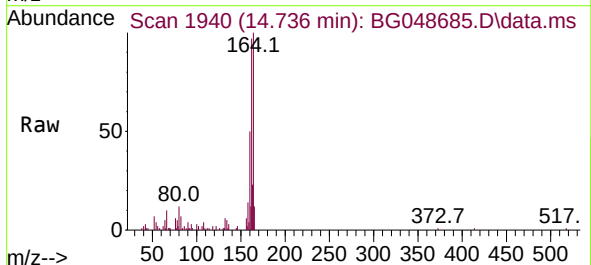
Instrument :
BNA_G
ClientSampleId :
JCSY-WC3-1

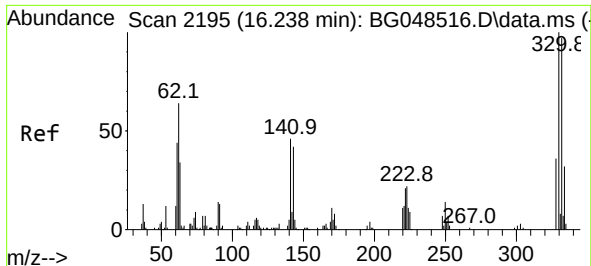
Tgt Ion: 82 Resp: 126610
Ion Ratio Lower Upper
82 100
128 35.8 26.2 39.4
54 58.3 38.9 58.3#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.736 min Scan# 1940
Delta R.T. -0.015 min
Lab File: BG048685.D
Acq: 13 Apr 2021 22:23

Tgt Ion:164 Resp: 44226
Ion Ratio Lower Upper
164 100
162 97.1 87.0 130.6
160 50.3 38.4 57.6

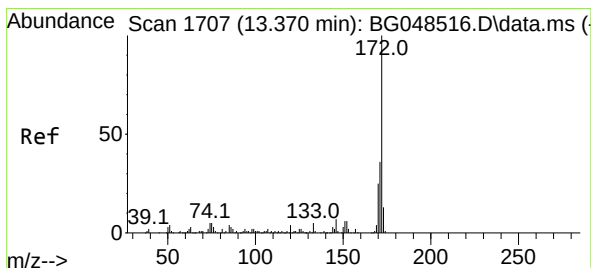
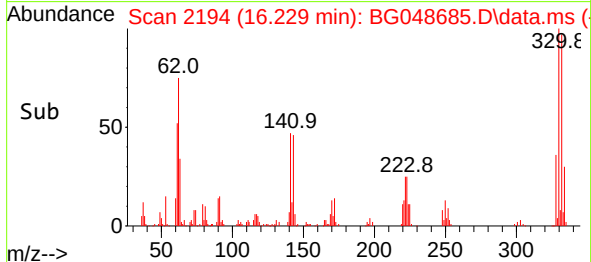
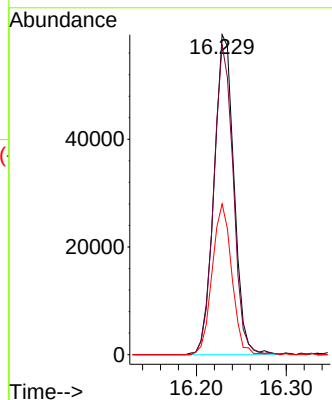
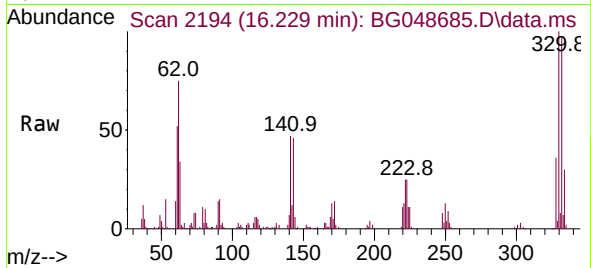




#42
2,4,6-Tribromophenol
Concen: 157.84 ng
RT: 16.229 min Scan# 2194
Delta R.T. -0.009 min
Lab File: BG048685.D
Acq: 13 Apr 2021 22:23

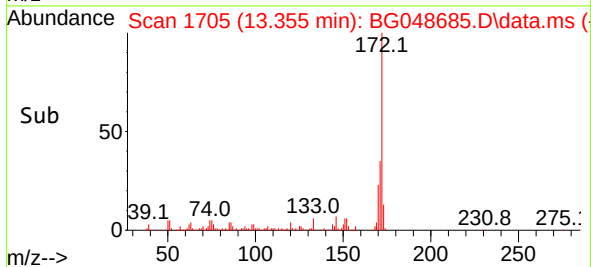
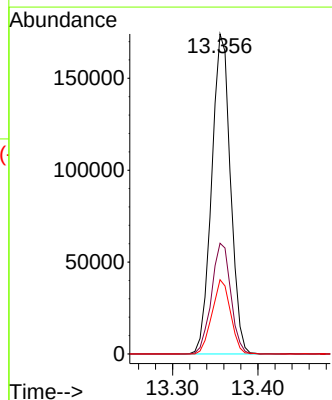
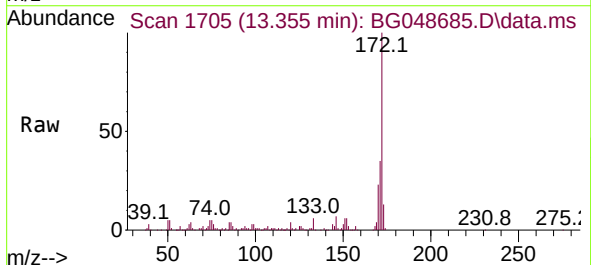
Instrument :
BNA_G
ClientSampleId :
JCSY-WC3-1

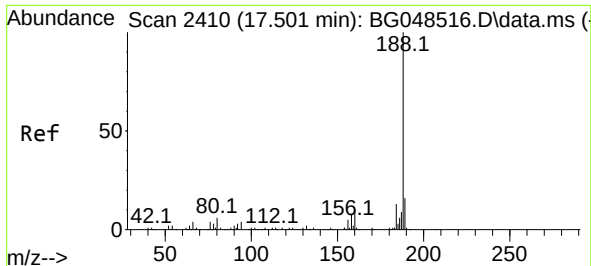
Tgt Ion:330 Resp: 91761
Ion Ratio Lower Upper
330 100
332 94.5 77.6 116.4
141 46.3 34.6 52.0



#45
2-Fluorobiphenyl
Concen: 89.71 ng
RT: 13.355 min Scan# 1705
Delta R.T. -0.015 min
Lab File: BG048685.D
Acq: 13 Apr 2021 22:23

Tgt Ion:172 Resp: 266937
Ion Ratio Lower Upper
172 100
171 34.6 28.5 42.7
170 23.2 19.8 29.6

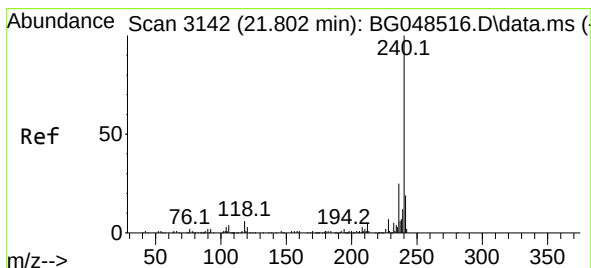
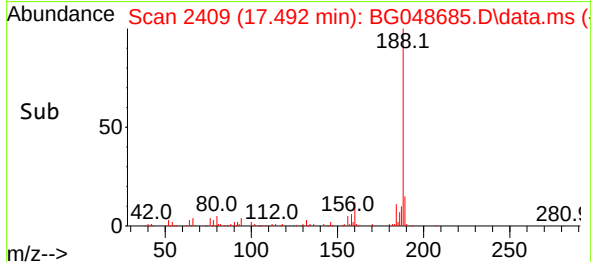
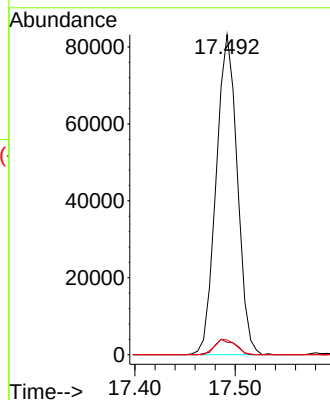
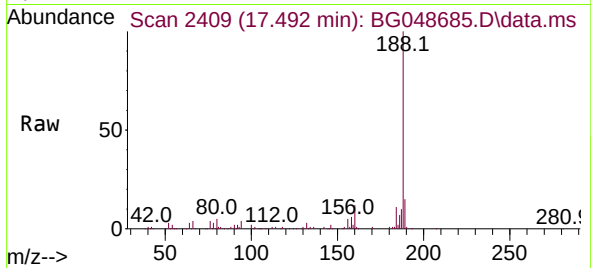




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.492 min Scan# 2409
Delta R.T. -0.009 min
Lab File: BG048685.D
Acq: 13 Apr 2021 22:23

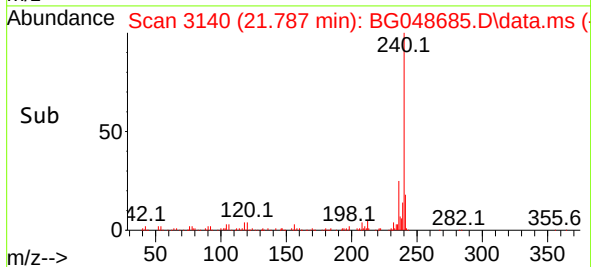
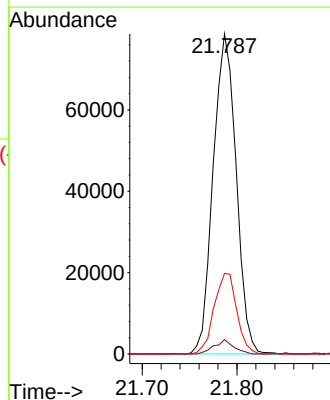
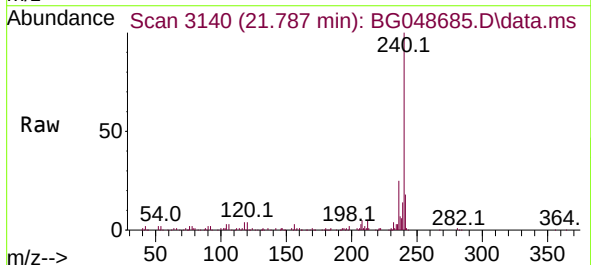
Instrument :
BNA_G
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JCSY-WC3-1

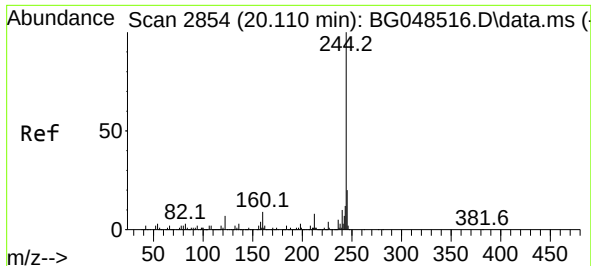
Tgt Ion:188 Resp: 121592
Ion Ratio Lower Upper
188 100
94 3.8 3.0 4.6
80 4.6 4.5 6.7



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.787 min Scan# 3140
Delta R.T. -0.015 min
Lab File: BG048685.D
Acq: 13 Apr 2021 22:23

Tgt Ion:240 Resp: 132810
Ion Ratio Lower Upper
240 100
120 4.5 2.6 3.8#
236 25.1 19.8 29.6

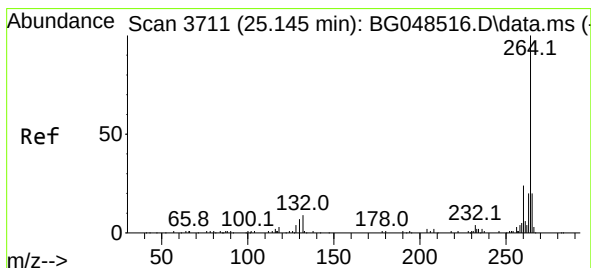
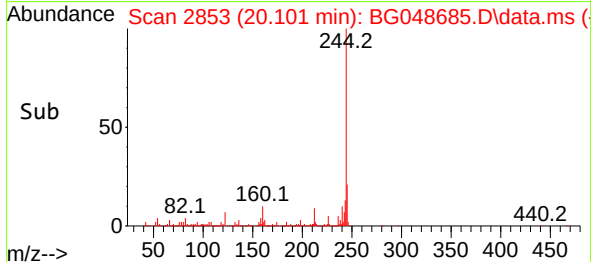
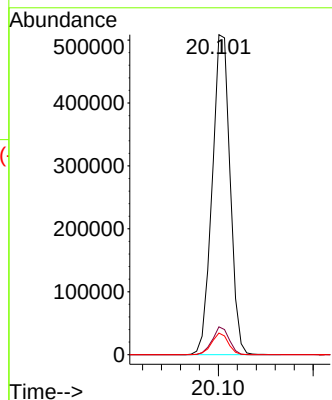
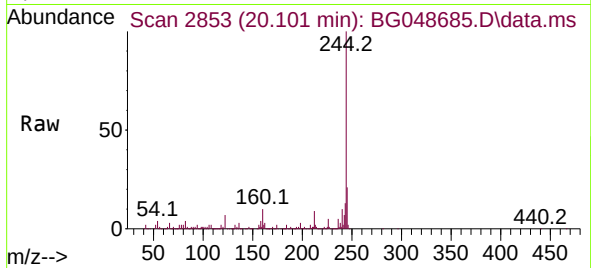




#79
 Terphenyl-d14
 Concen: 91.75 ng
 RT: 20.101 min Scan# 2853
 Delta R.T. -0.009 min
 Lab File: BG048685.D
 Acq: 13 Apr 2021 22:23

Instrument :
 BNA_G
 ClientSampleId :
 JCSY-WC3-1

Tgt Ion:244 Resp: 666311
 Ion Ratio Lower Upper
 244 100
 212 8.7 6.0 9.0
 122 6.7 5.8 8.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.124 min Scan# 3708
 Delta R.T. -0.021 min
 Lab File: BG048685.D
 Acq: 13 Apr 2021 22:23

Tgt Ion:264 Resp: 129100
 Ion Ratio Lower Upper
 264 100
 260 21.6 19.1 28.7
 265 21.2 16.1 24.1

