

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030521\
 Data File : BG048351.D
 Acq On : 5 Mar 2021 23:50
 Operator : CG/JU
 Sample : M1553-04 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 347

Quant Time: Mar 06 01:03:19 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG021021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 05 16:23:55 2021
 Response via : Initial Calibration

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

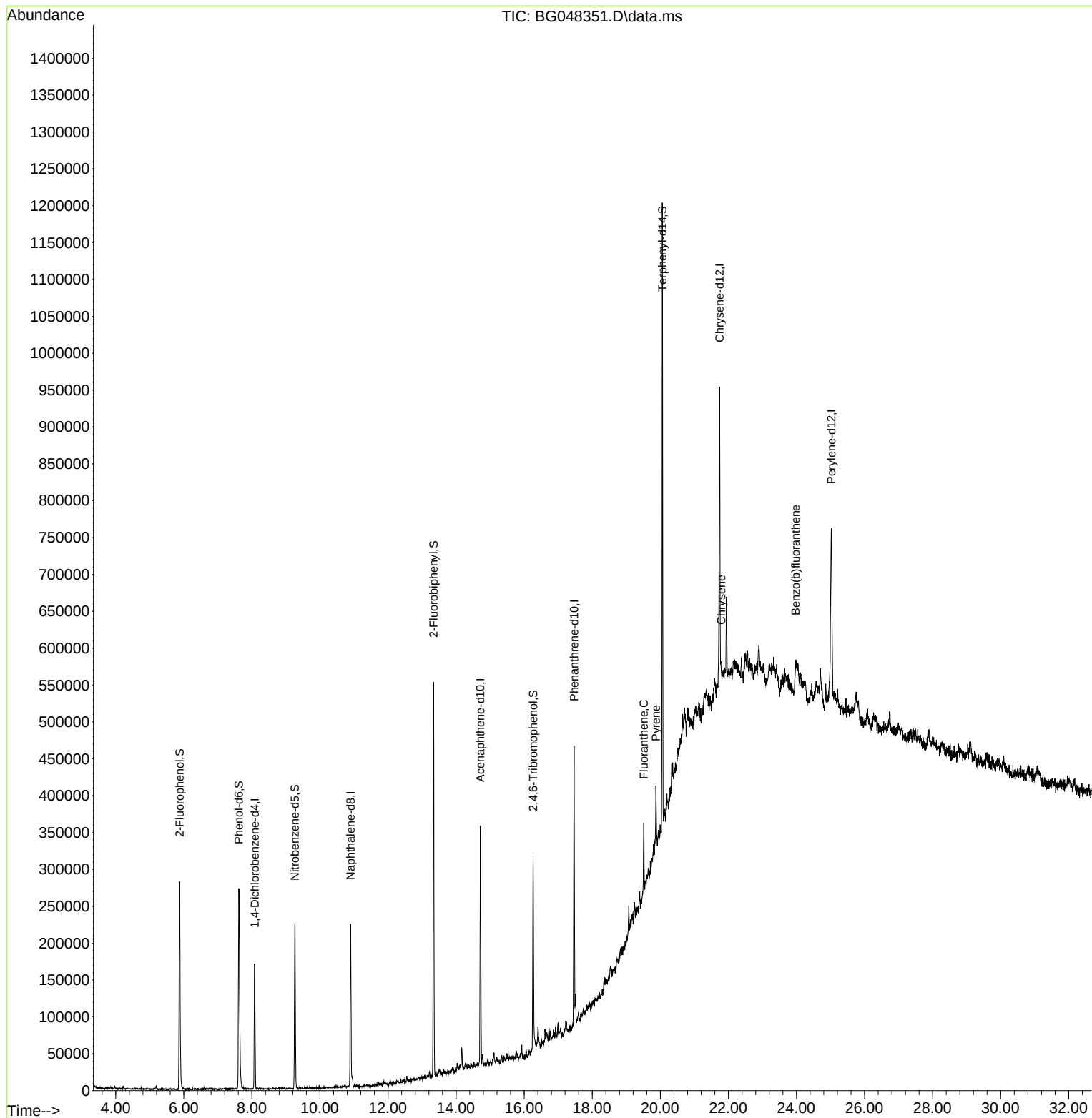
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.085	152	42815	20.00	ng	0.01
21) Naphthalene-d8	10.900	136	171172	20.00	ng	0.01
39) Acenaphthene-d10	14.713	164	110220	20.00	ng	0.00
64) Phenanthrene-d10	17.468	188	226023	20.00	ng	# 0.01
76) Chrysene-d12	21.740	240	241004	20.00	ng	# 0.01
86) Perylene-d12	25.024	264	246458	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.876	112	130418	51.85	ng	0.22
7) Phenol-d6	7.615	99	186217	48.73	ng	0.33
23) Nitrobenzene-d5	9.260	82	135994	33.61	ng	0.01
42) 2,4,6-Tribromophenol	16.264	330	56504	32.05	ng	0.06
45) 2-Fluorobiphenyl	13.338	172	268167	34.11	ng	0.01
79) Terphenyl-d14	20.060	244	351847	26.68	ng	0.00
Target Compounds						
75) Fluoranthene	19.513	202	57426	3.59	ng	Qvalue 92
78) Pyrene	19.872	202	52307	3.11	ng	96
83) Chrysene	21.787	228	34844	2.17	ng	# 6
88) Benzo(b)fluoranthene	23.978	252	36156	2.12	ng	# 70

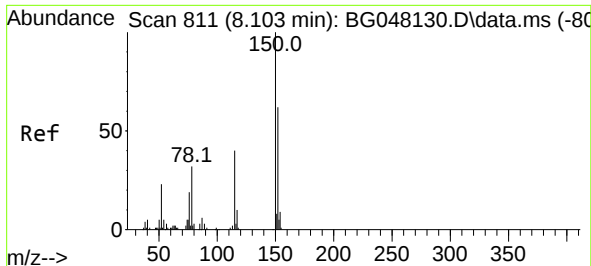
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030521\
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Quant Time: Mar 06 01:03:19 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG021021.M
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QLast Update : Fri Mar 05 16:23:55 2021
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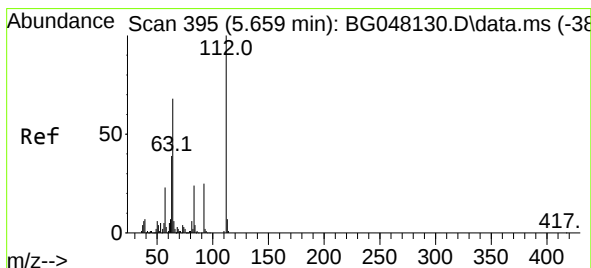
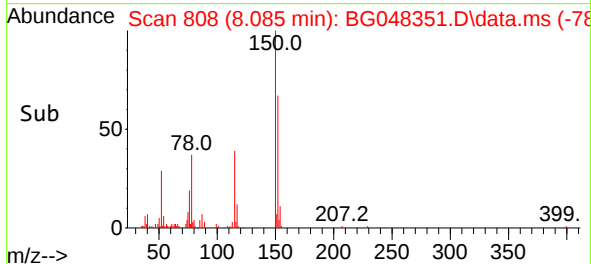
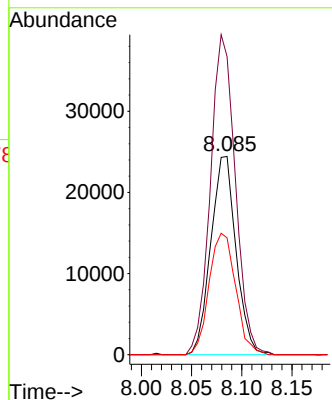
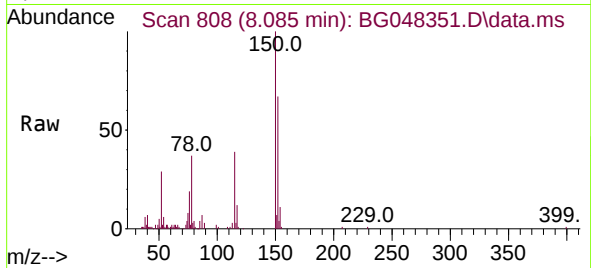




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.085 min Scan# 808
Delta R.T. 0.011 min
Lab File: BG048351.D
Acq: 5 Mar 2021 23:50

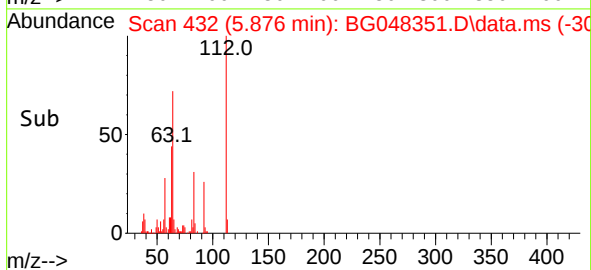
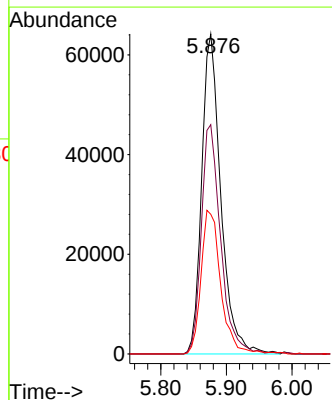
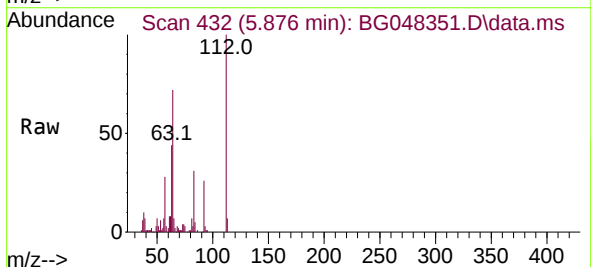
Instrument :
BNA_G
ClientSampleId :
347

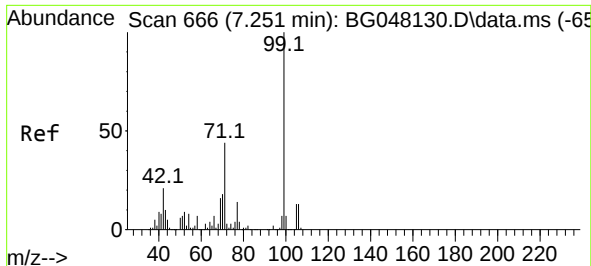
Tgt Ion:152 Resp: 42815
Ion Ratio Lower Upper
152 100
150 150.3 125.0 187.6
115 58.9 41.8 62.6



#5
2-Fluorophenol
Concen: 51.85 ng
RT: 5.876 min Scan# 432
Delta R.T. 0.223 min
Lab File: BG048351.D
Acq: 5 Mar 2021 23:50

Tgt Ion:112 Resp: 130418
Ion Ratio Lower Upper
112 100
64 71.6 46.7 70.1#
63 43.7 22.8 34.2#

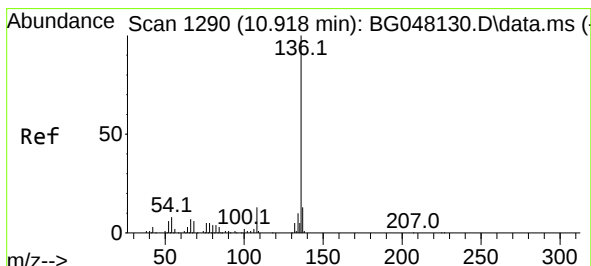
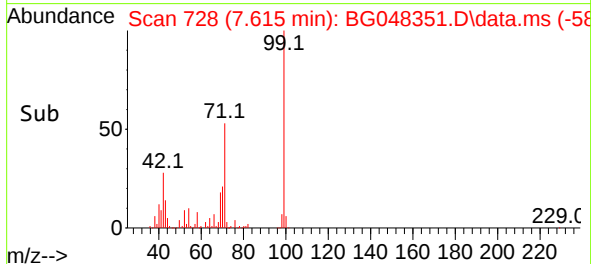
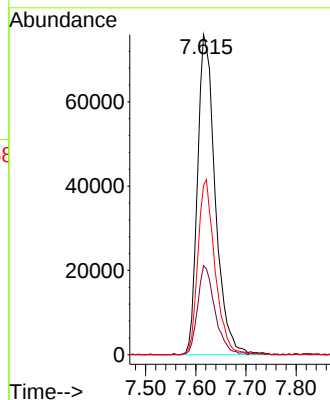
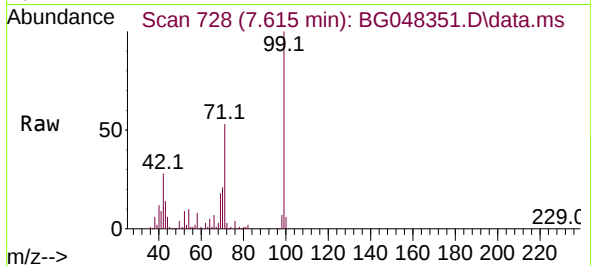




#7
Phenol-d6
Concen: 48.73 ng
RT: 7.615 min Scan# 728
Delta R.T. 0.329 min
Lab File: BG048351.D
Acq: 5 Mar 2021 23:50

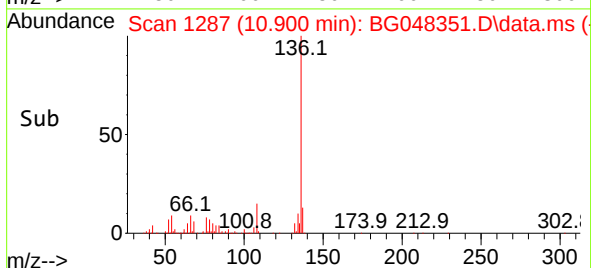
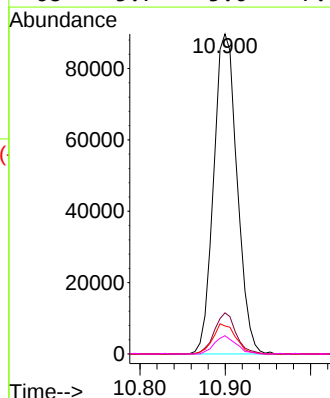
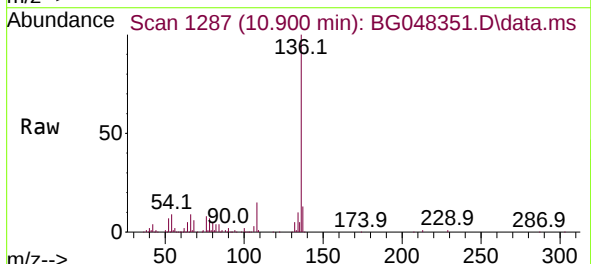
Instrument :
BNA_G
ClientSampleId :
347

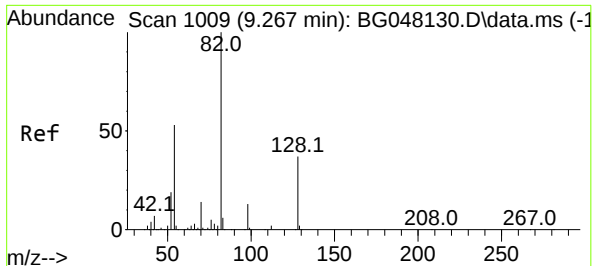
Tgt Ion: 99 Resp: 186217
Ion Ratio Lower Upper
99 100
42 27.8 12.8 19.2#
71 52.9 24.6 36.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.900 min Scan# 1287
Delta R.T. 0.011 min
Lab File: BG048351.D
Acq: 5 Mar 2021 23:50

Tgt Ion:136 Resp: 171172
Ion Ratio Lower Upper
136 100
137 12.9 9.1 13.7
54 8.8 6.2 9.4
68 5.7 5.0 7.4

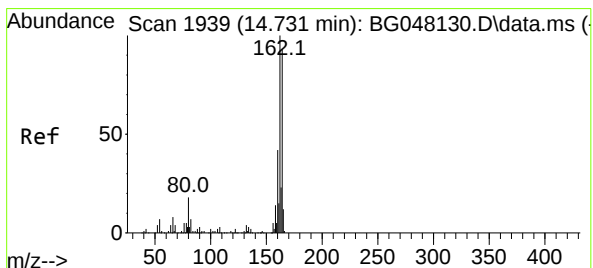
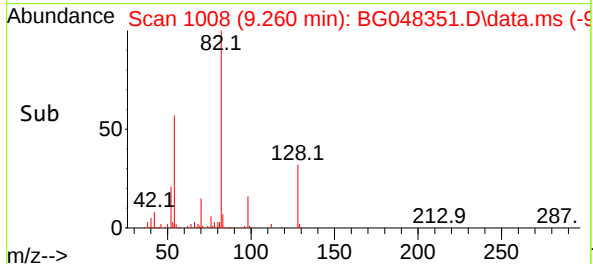
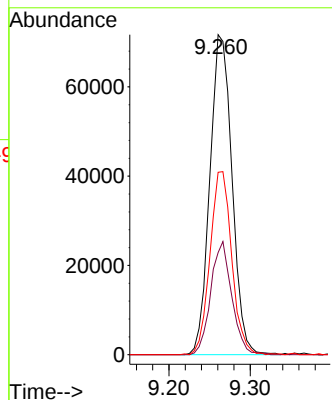
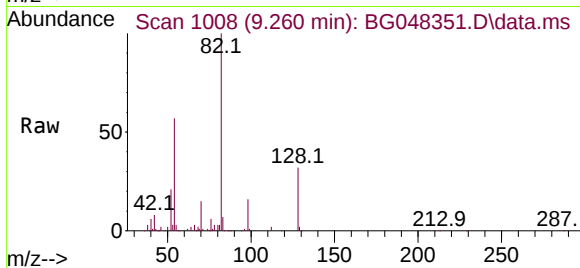




#23
Nitrobenzene-d5
Concen: 33.61 ng
RT: 9.260 min Scan# 1008
Delta R.T. 0.011 min
Lab File: BG048351.D
Acq: 5 Mar 2021 23:50

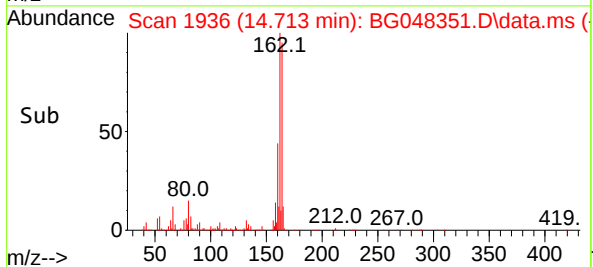
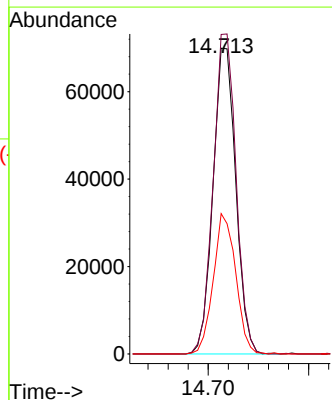
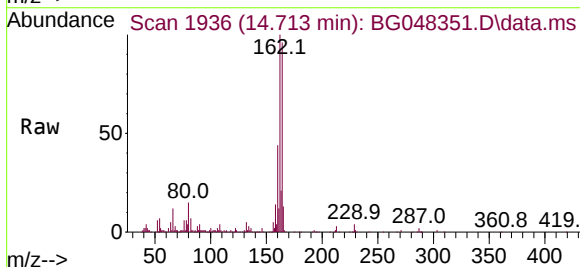
Instrument :
BNA_G
ClientSampleId :
347

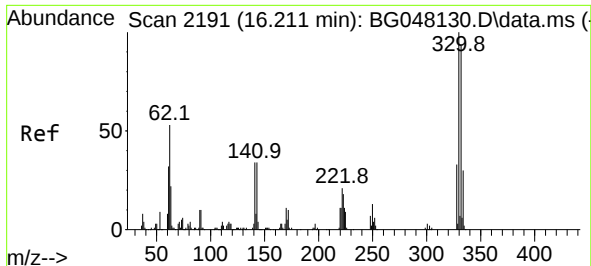
Tgt Ion: 82 Resp: 135994
Ion Ratio Lower Upper
82 100
128 31.9 37.0 55.6#
54 57.0 39.0 58.4



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.713 min Scan# 1936
Delta R.T. 0.006 min
Lab File: BG048351.D
Acq: 5 Mar 2021 23:50

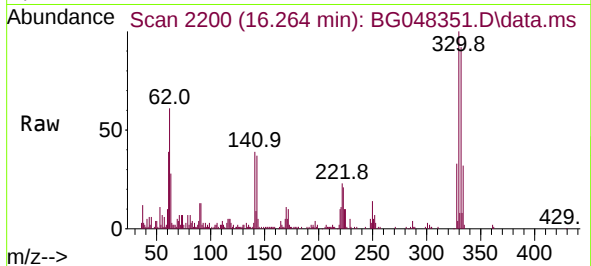
Tgt Ion:164 Resp: 110220
Ion Ratio Lower Upper
164 100
162 104.5 82.3 123.5
160 45.9 35.3 52.9



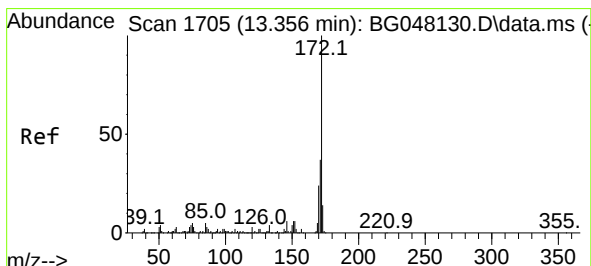
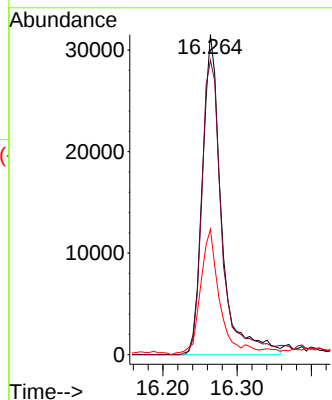
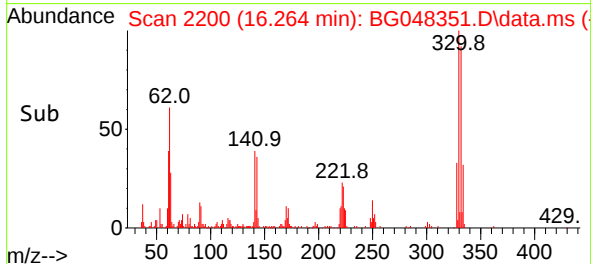


#42
2,4,6-Tribromophenol
Concen: 32.05 ng
RT: 16.264 min Scan# 2200
Delta R.T. 0.058 min
Lab File: BG048351.D
Acq: 5 Mar 2021 23:50

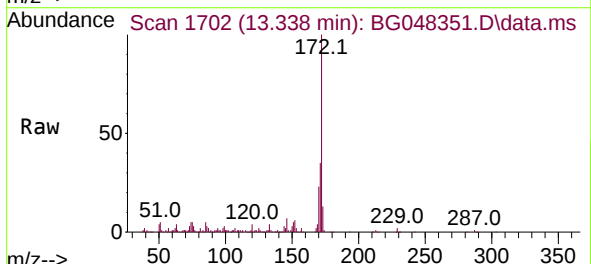
Instrument :
BNA_G
ClientSampleId :
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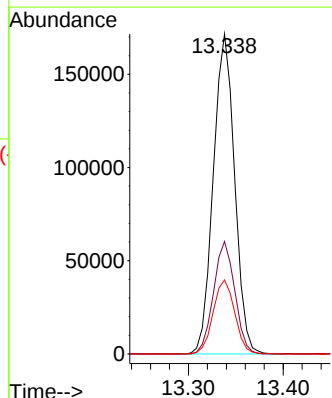
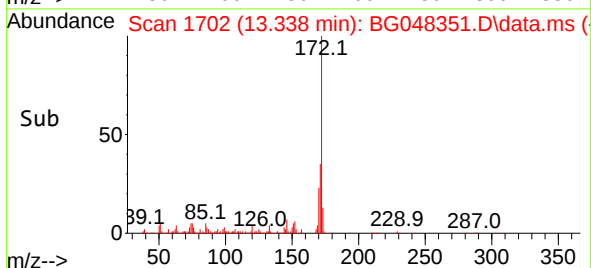
Tgt Ion:330 Resp: 56504
Ion Ratio Lower Upper
330 100
332 96.3 76.5 114.7
141 37.4 26.0 39.0

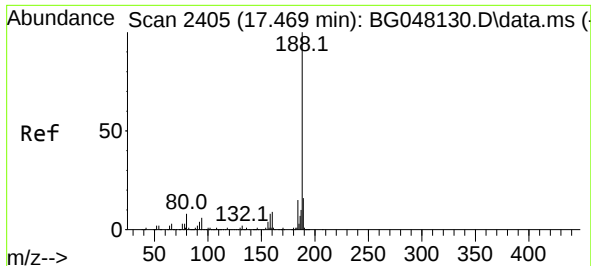


#45
2-Fluorobiphenyl
Concen: 34.11 ng
RT: 13.338 min Scan# 1702
Delta R.T. 0.011 min
Lab File: BG048351.D
Acq: 5 Mar 2021 23:50



Tgt Ion:172 Resp: 268167
Ion Ratio Lower Upper
172 100
171 35.2 31.3 46.9
170 23.2 20.8 31.2

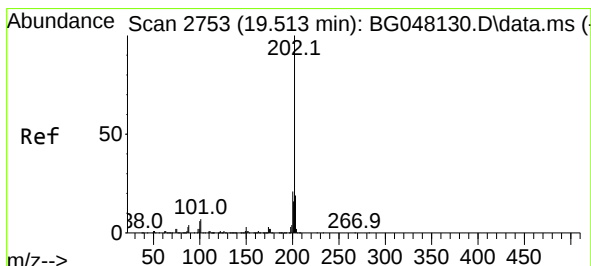
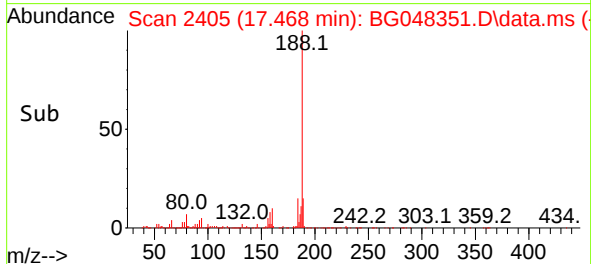
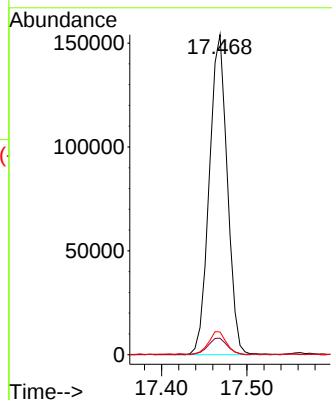
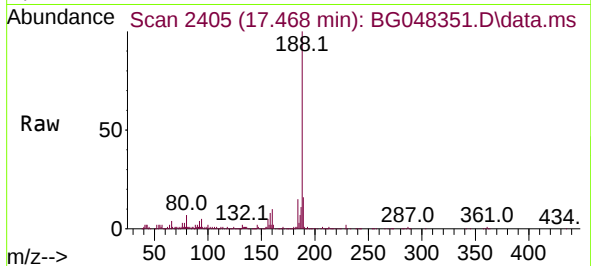




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.468 min Scan# 2405
Delta R.T. 0.011 min
Lab File: BG048351.D
Acq: 5 Mar 2021 23:50

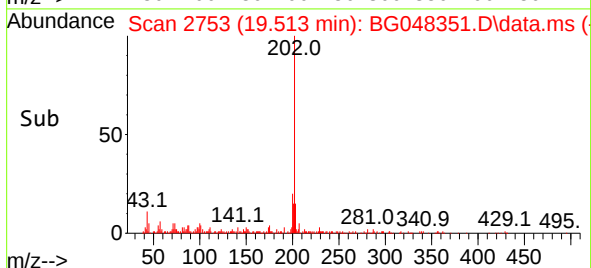
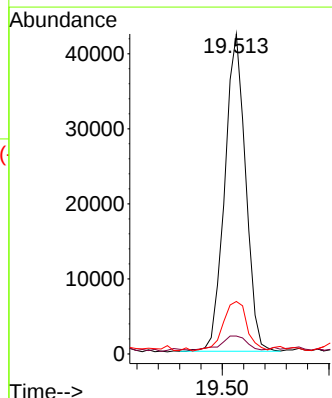
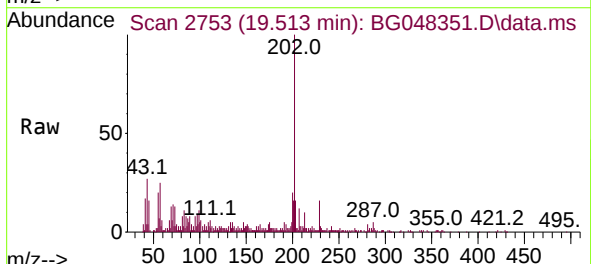
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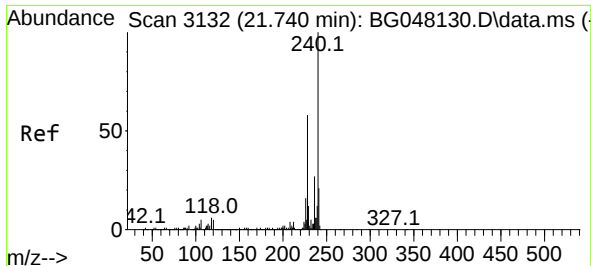
Tgt Ion:188 Resp: 226023
Ion Ratio Lower Upper
188 100
94 5.1 6.3 9.5#
80 7.1 7.0 10.6



#75
Fluoranthene
Concen: 3.59 ng
RT: 19.513 min Scan# 2753
Delta R.T. 0.011 min
Lab File: BG048351.D
Acq: 5 Mar 2021 23:50

Tgt Ion:202 Resp: 57426
Ion Ratio Lower Upper
202 100
101 5.6 0.0 29.7
203 16.4 0.0 39.2

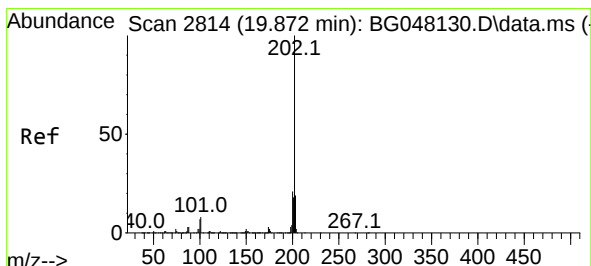
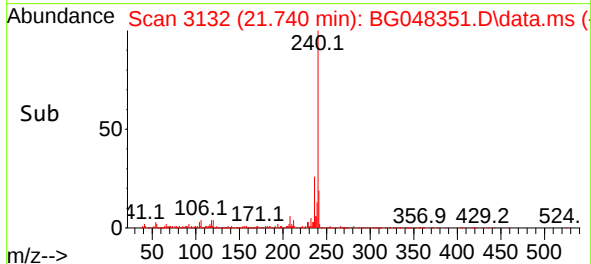
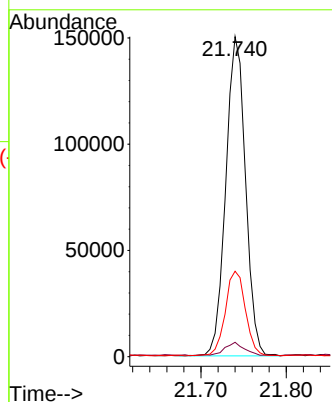
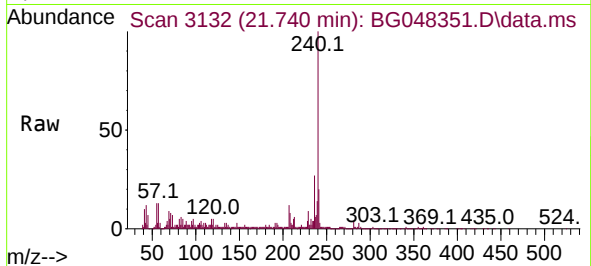




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.740 min Scan# 3132
Delta R.T. 0.011 min
Lab File: BG048351.D
Acq: 5 Mar 2021 23:50

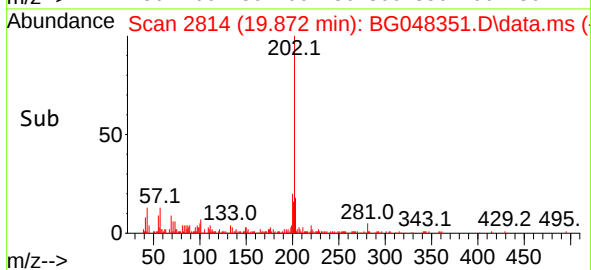
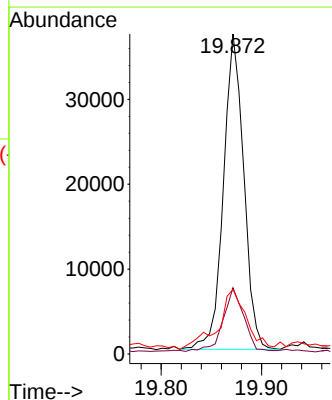
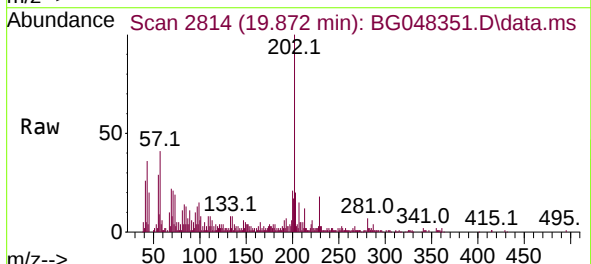
Instrument :
BNA_G
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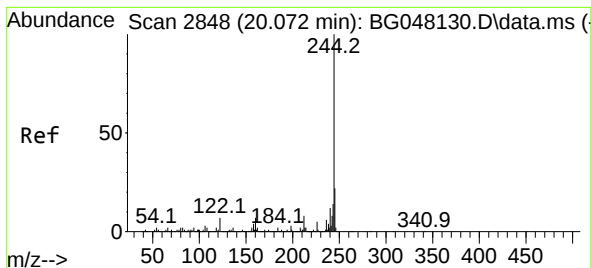
Tgt Ion:240 Resp: 241004
Ion Ratio Lower Upper
240 100
120 4.5 6.2 9.4#
236 26.7 20.5 30.7



#78
Pyrene
Concen: 3.11 ng
RT: 19.872 min Scan# 2814
Delta R.T. 0.011 min
Lab File: BG048351.D
Acq: 5 Mar 2021 23:50

Tgt Ion:202 Resp: 52307
Ion Ratio Lower Upper
202 100
200 20.7 18.6 27.8
203 20.2 15.3 22.9





#79

Terphenyl-d14

Concen: 26.68 ng

RT: 20.060 min Scan# 2846

Delta R.T. 0.006 min

Lab File: BG048351.D

Acq: 5 Mar 2021 23:50

Tgt Ion:244 Resp: 351847

Ion Ratio Lower Upper

244 100

212 8.4 6.7 10.1

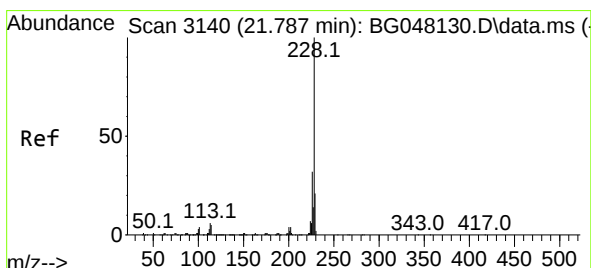
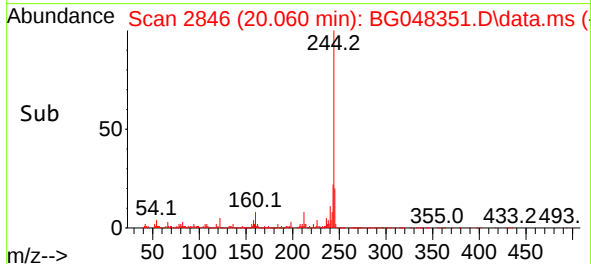
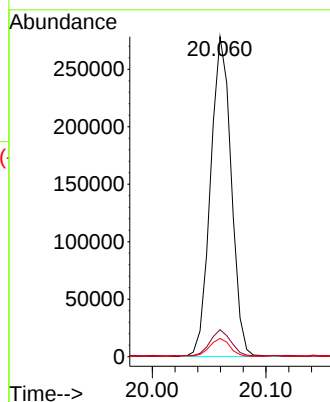
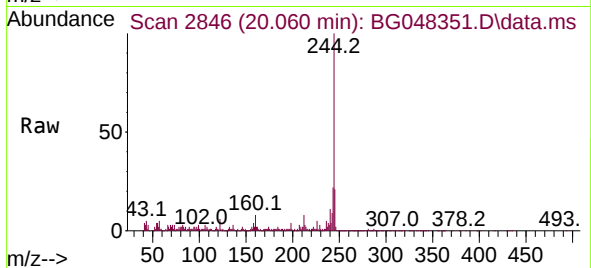
122 5.7 7.8 11.6#

Instrument :

BNA_G

ClientSampled :

347



#83

Chrysene

Concen: 2.17 ng

RT: 21.787 min Scan# 3140

Delta R.T. 0.011 min

Lab File: BG048351.D

Acq: 5 Mar 2021 23:50

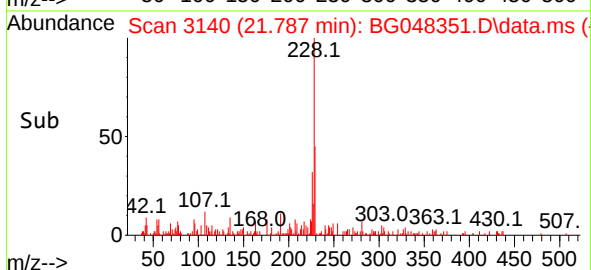
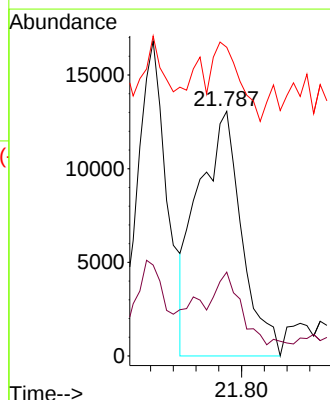
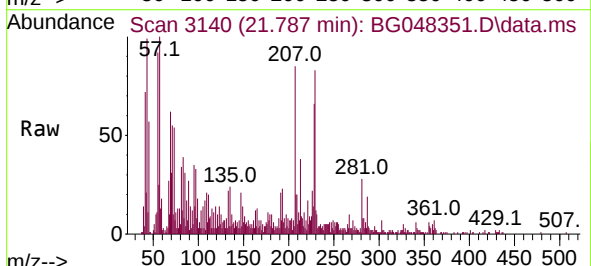
Tgt Ion:228 Resp: 34844

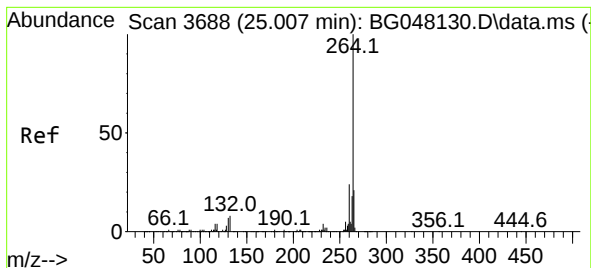
Ion Ratio Lower Upper

228 100

226 34.3 25.0 37.4

229 126.1 17.3 25.9#

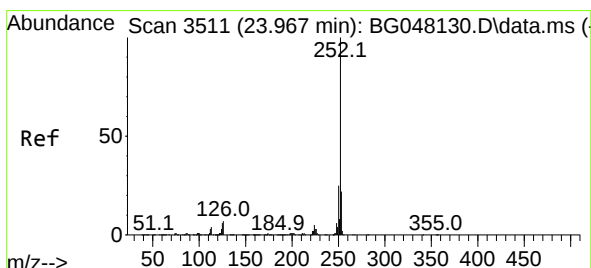
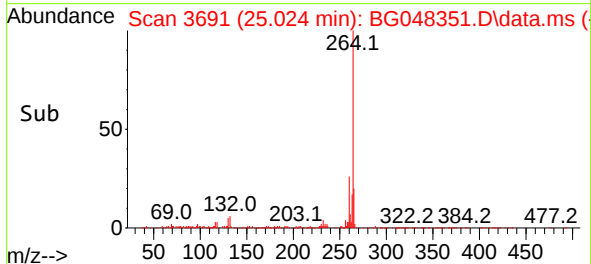
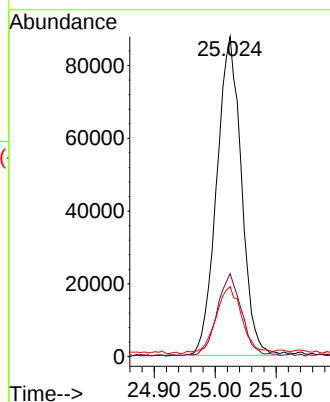
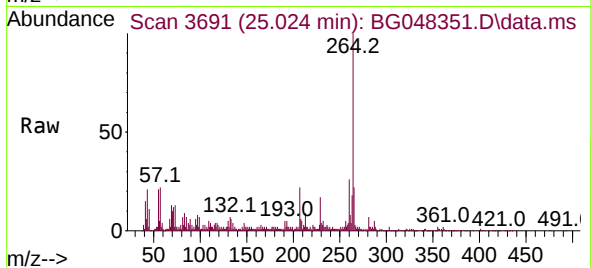




#86
Perylene-d12
Concen: 20.00 ng
RT: 25.024 min Scan# 3691
Delta R.T. 0.035 min
Lab File: BG048351.D
Acq: 5 Mar 2021 23:50

Instrument :
BNA_G
ClientSampled :
347

Tgt Ion:264	Resp:	246458
Ion Ratio	Lower	Upper
264	100	
260	25.9	18.8 28.2
265	21.9	17.8 26.8



#88
Benzo(b)fluoranthene
Concen: 2.12 ng
RT: 23.978 min Scan# 3513
Delta R.T. 0.029 min
Lab File: BG048351.D
Acq: 5 Mar 2021 23:50

Tgt Ion:252	Resp:	36156
Ion Ratio	Lower	Upper
252	100	
253	37.6	18.7 28.1#
125	19.0	6.5 9.7#

