

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042121\
 Data File : BG048830.D
 Acq On : 21 Apr 2021 22:07
 Operator : CG/JU
 Sample : M1998-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-4A

Quant Time: Apr 22 01:02:19 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 20 17:33:30 2021
 Response via : Initial Calibration

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

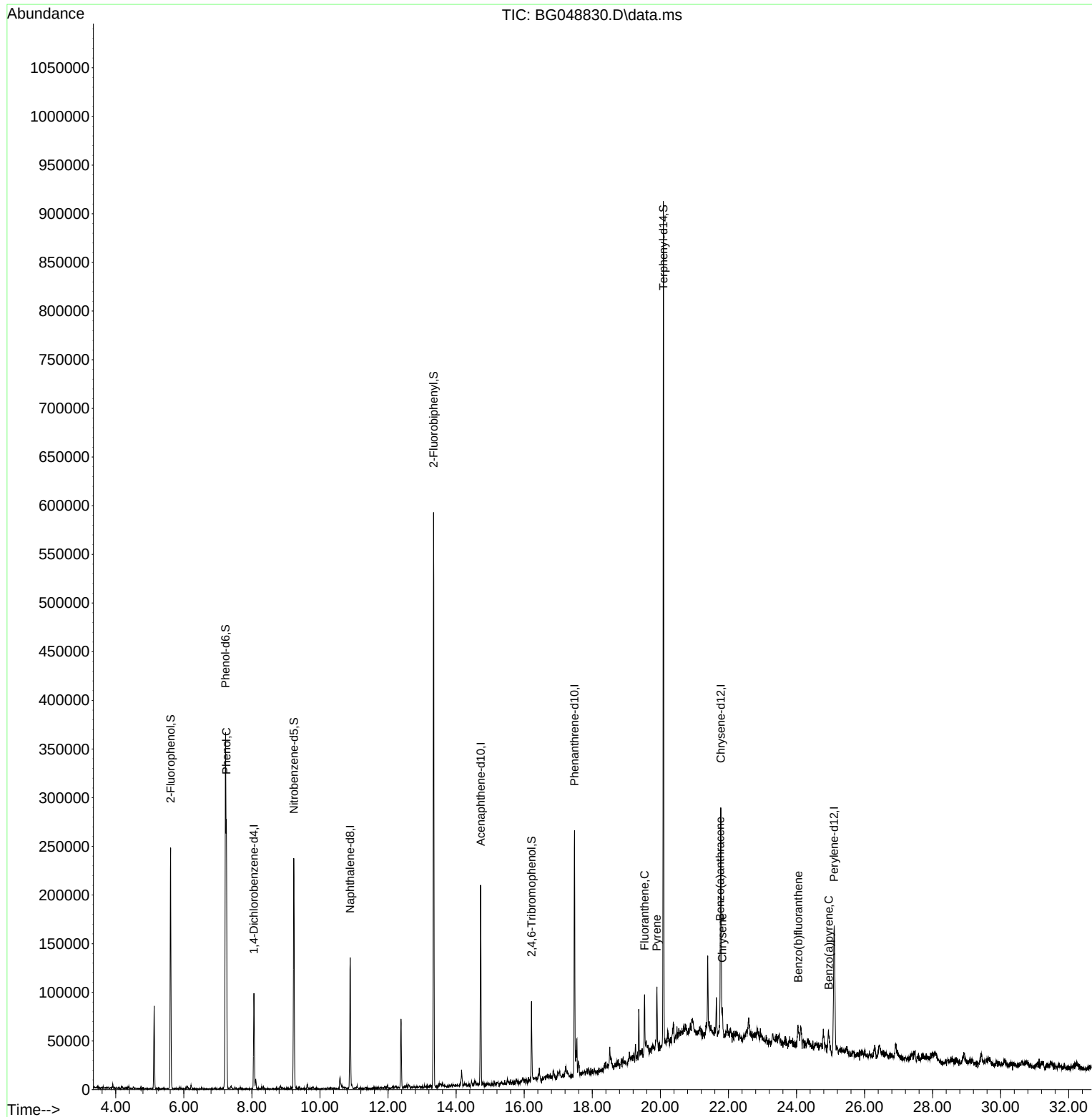
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.056	152	24119	20.00	ng	0.00
21) Naphthalene-d8	10.888	136	107092	20.00	ng	0.00
39) Acenaphthene-d10	14.725	164	69688	20.00	ng	0.00
64) Phenanthrene-d10	17.480	188	151950	20.00	ng	# 0.00
76) Chrysene-d12	21.775	240	135251	20.00	ng	# 0.00
86) Perylene-d12	25.107	264	135275	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.612	112	95923	66.52	ng	0.00
7) Phenol-d6	7.228	99	173771	85.19	ng	0.00
23) Nitrobenzene-d5	9.231	82	135481	56.64	ng	0.00
42) 2,4,6-Tribromophenol	16.217	330	12717	13.61	ng	0.00
45) 2-Fluorobiphenyl	13.338	172	279986	58.02	ng	0.00
79) Terphenyl-d14	20.089	244	380675	48.44	ng	0.00
Target Compounds						
10) Phenol	7.251	94	117883	58.77	ng	Qvalue 95
75) Fluoranthene	19.537	202	32536	3.26	ng	96
78) Pyrene	19.895	202	33506	3.58	ng	95
81) Benzo(a)anthracene	21.758	228	19992	2.16	ng	# 91
83) Chrysene	21.822	228	18768	2.13	ng	# 89
88) Benzo(b)fluoranthene	24.049	252	27202	2.96	ng	# 86
90) Benzo(a)pyrene	24.948	252	20540	2.43	ng	# 69

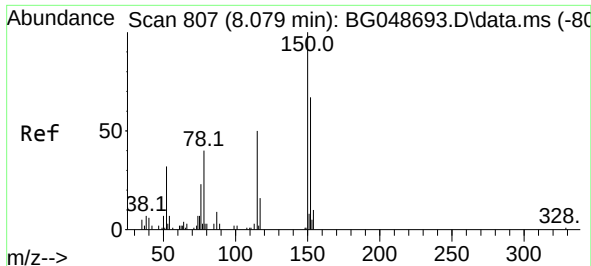
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 20 17:33:30 2021
Response via : Initial Calibration

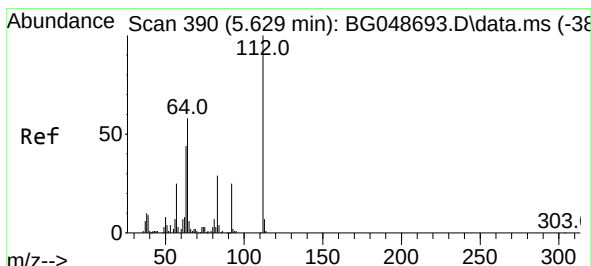
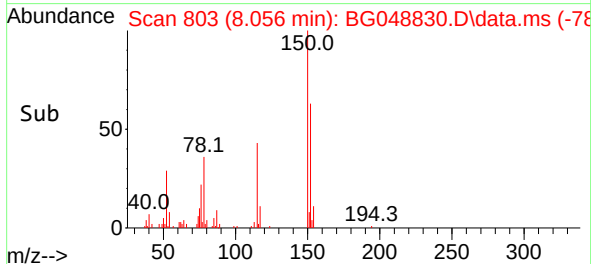
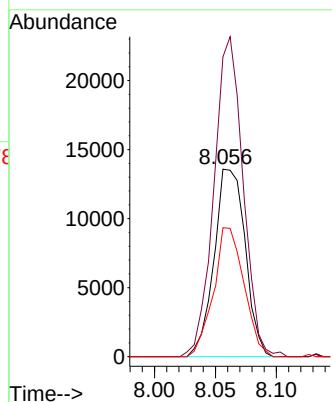
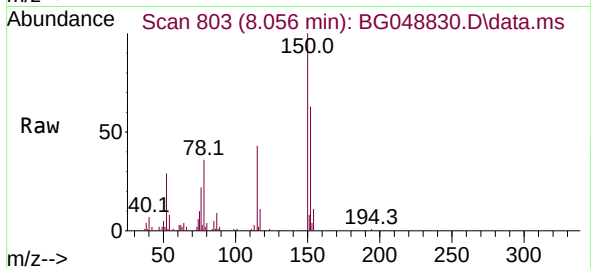




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.056 min Scan# 803
Delta R.T. -0.005 min
Lab File: BG048830.D
Acq: 21 Apr 2021 22:07

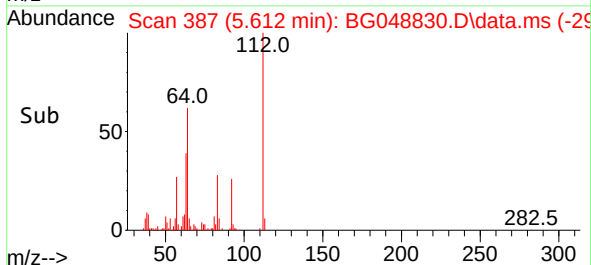
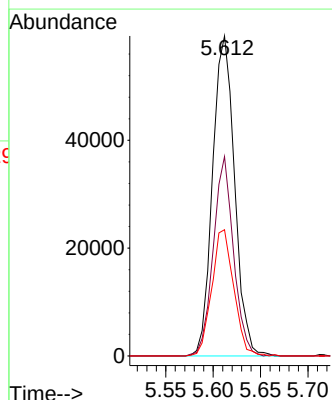
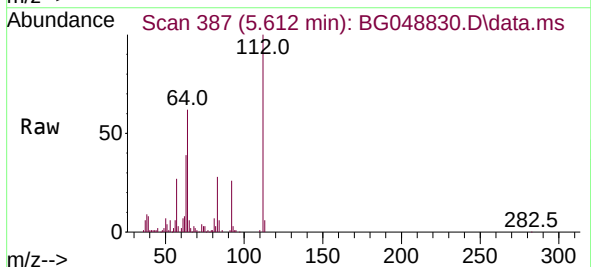
Instrument :
BNA_G
ClientSampleId :
SB-4A

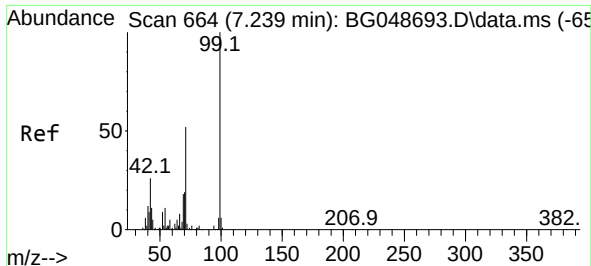
Tgt Ion:152 Resp: 24119
Ion Ratio Lower Upper
152 100
150 159.9 119.4 179.0
115 68.8 60.2 90.4



#5
2-Fluorophenol
Concen: 66.52 ng
RT: 5.612 min Scan# 387
Delta R.T. 0.007 min
Lab File: BG048830.D
Acq: 21 Apr 2021 22:07

Tgt Ion:112 Resp: 95923
Ion Ratio Lower Upper
112 100
64 62.3 46.7 70.1
63 39.4 35.3 52.9

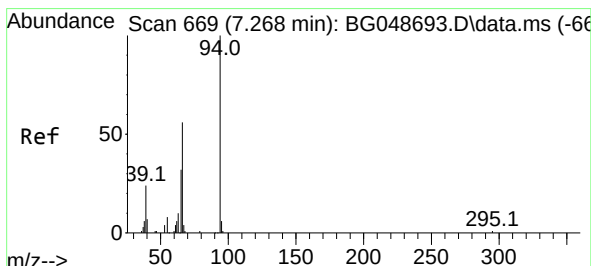
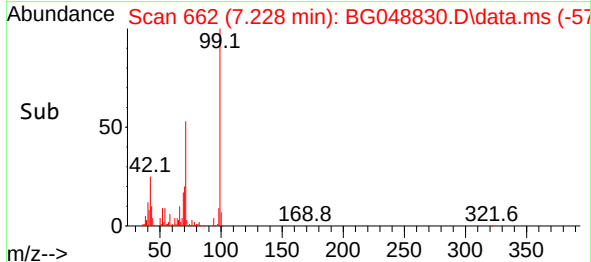
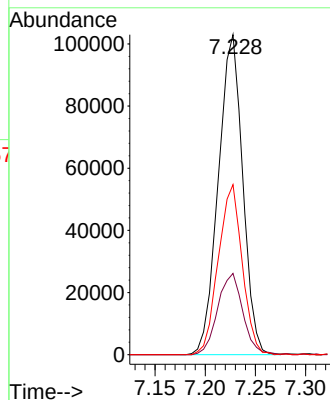
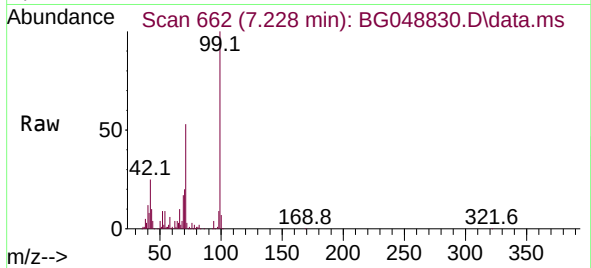




#7
Phenol-d6
Concen: 85.19 ng
RT: 7.228 min Scan# 662
Delta R.T. 0.007 min
Lab File: BG048830.D
Acq: 21 Apr 2021 22:07

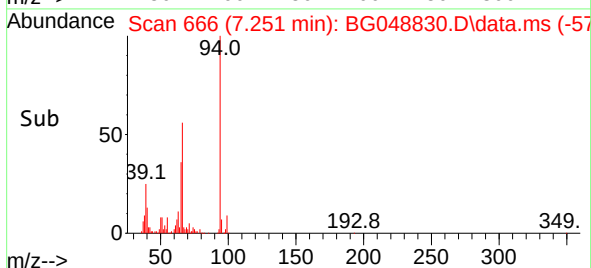
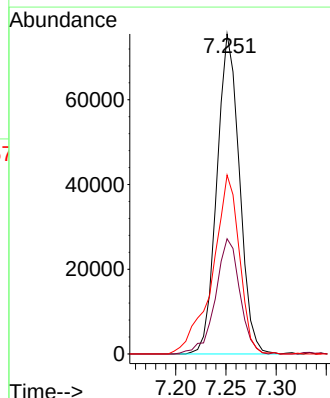
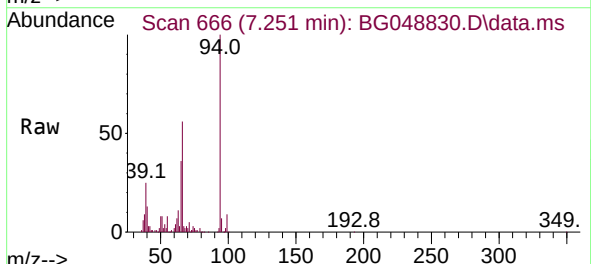
Instrument :
BNA_G
ClientSampleId :
SB-4A

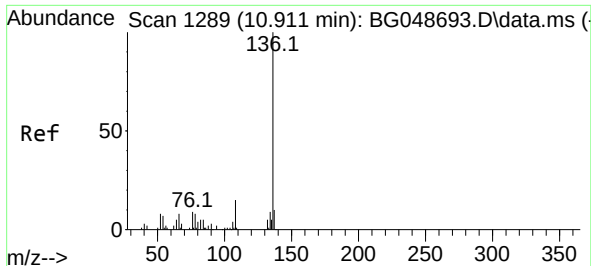
Tgt Ion: 99 Resp: 173771
Ion Ratio Lower Upper
99 100
42 25.4 20.5 30.7
71 53.1 41.5 62.3



#10
Phenol
Concen: 58.77 ng
RT: 7.251 min Scan# 666
Delta R.T. 0.001 min
Lab File: BG048830.D
Acq: 21 Apr 2021 22:07

Tgt Ion: 94 Resp: 117883
Ion Ratio Lower Upper
94 100
65 36.0 12.9 52.9
66 55.9 39.4 79.4

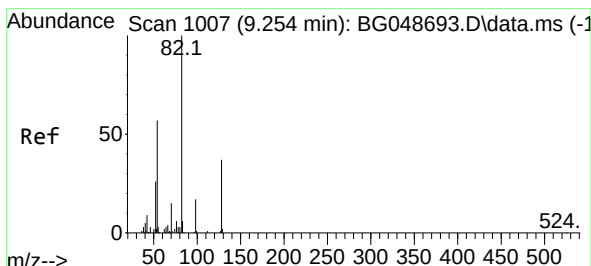
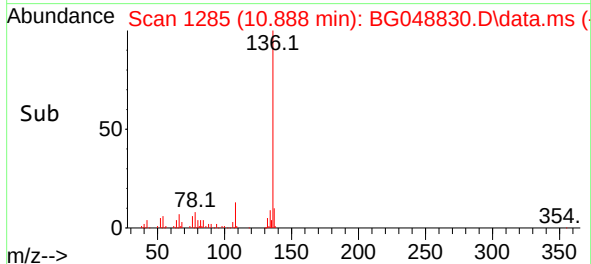
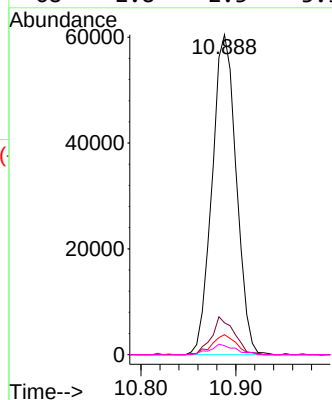
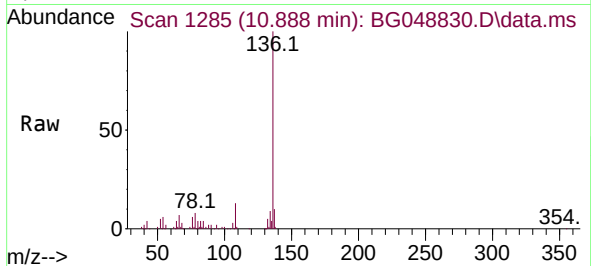




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.888 min Scan# 1285
Delta R.T. -0.005 min
Lab File: BG048830.D
Acq: 21 Apr 2021 22:07

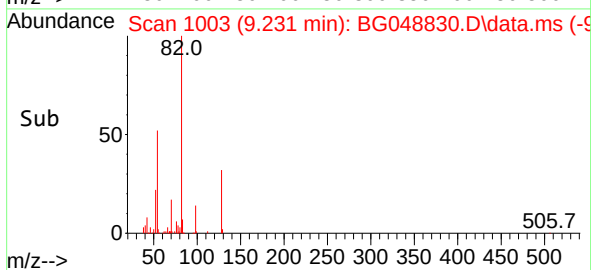
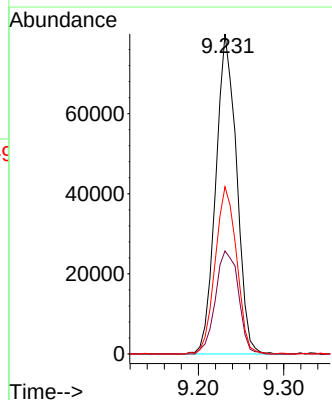
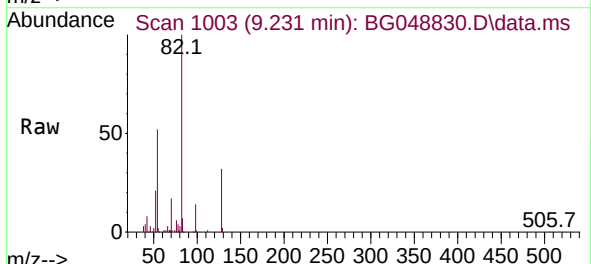
Instrument :
BNA_G
ClientSampleId :
SB-4A

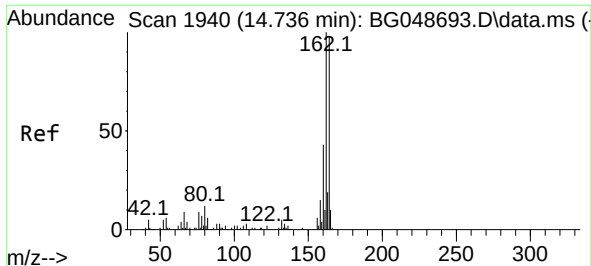
Tgt Ion:	136	Resp:	107092
Ion Ratio	Lower	Upper	
136	100		
137	10.0	8.2	12.2
54	6.3	5.5	8.3
68	2.8	2.3	3.5



#23
Nitrobenzene-d5
Concen: 56.64 ng
RT: 9.231 min Scan# 1003
Delta R.T. -0.005 min
Lab File: BG048830.D
Acq: 21 Apr 2021 22:07

Tgt Ion:	82	Resp:	135481
Ion Ratio	Lower	Upper	
82	100		
128	32.2	29.8	44.6
54	52.3	45.8	68.8

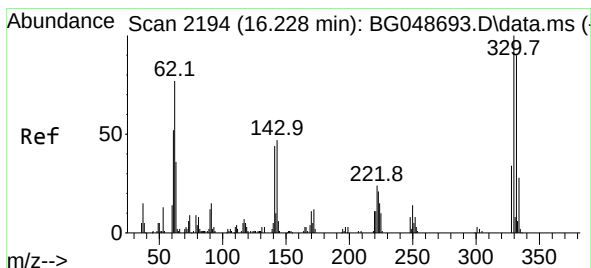
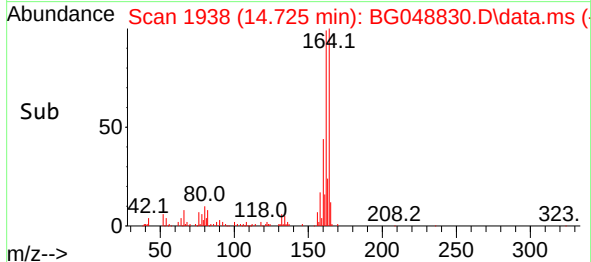
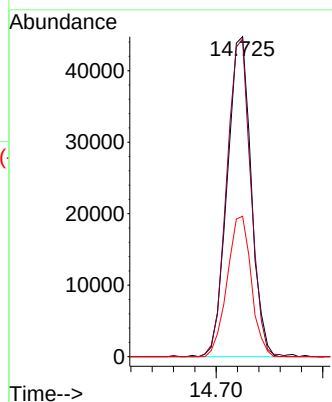
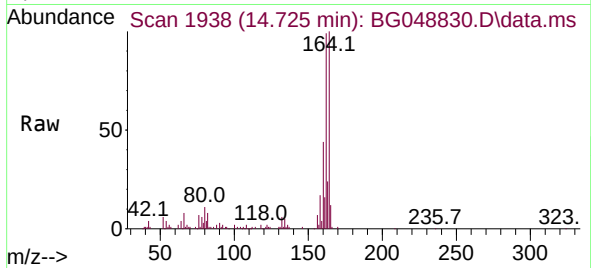




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.725 min Scan# 1938
Delta R.T. 0.001 min
Lab File: BG048830.D
Acq: 21 Apr 2021 22:07

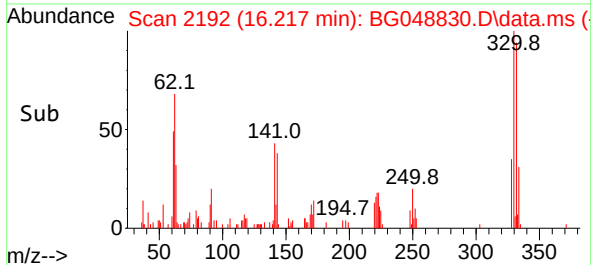
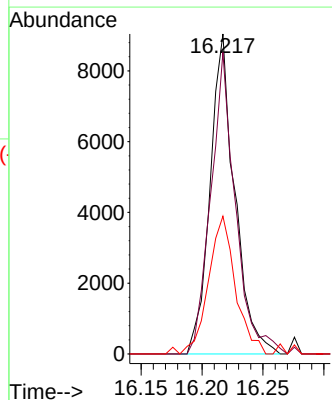
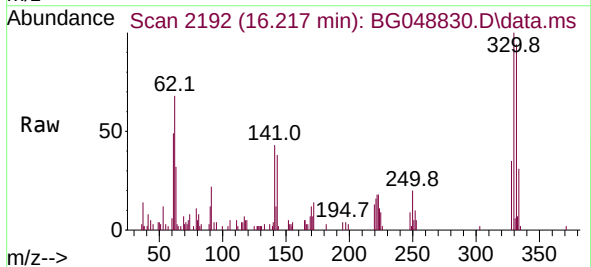
Instrument :
BNA_G
ClientSampleId :
SB-4A

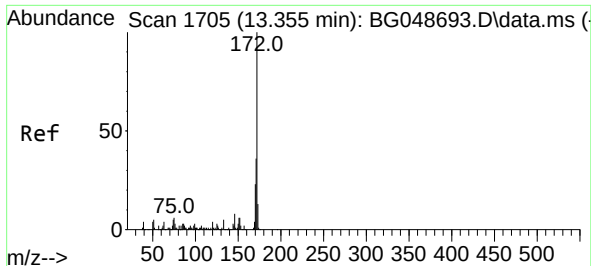
Tgt Ion:164 Resp: 69688
Ion Ratio Lower Upper
164 100
162 99.4 81.4 122.0
160 43.9 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 13.61 ng
RT: 16.217 min Scan# 2192
Delta R.T. 0.001 min
Lab File: BG048830.D
Acq: 21 Apr 2021 22:07

Tgt Ion:330 Resp: 12717
Ion Ratio Lower Upper
330 100
332 94.3 77.3 115.9
141 47.4 35.6 53.4

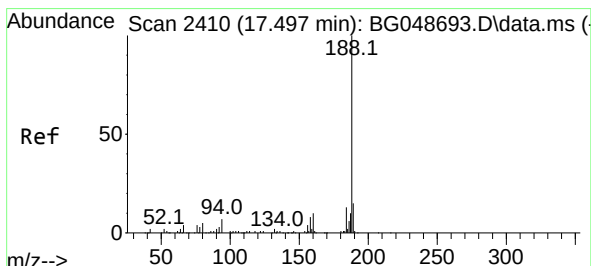
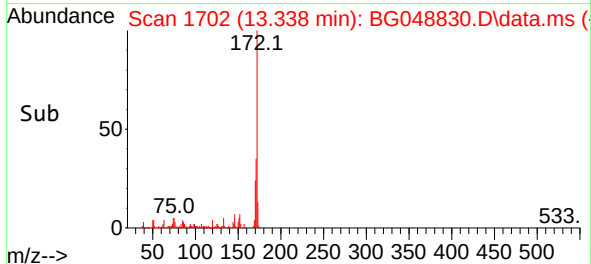
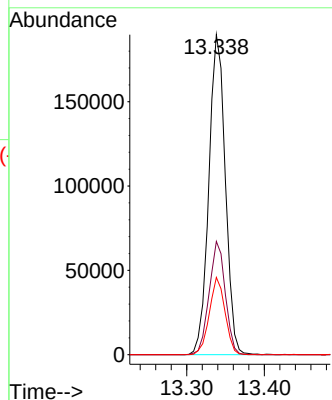
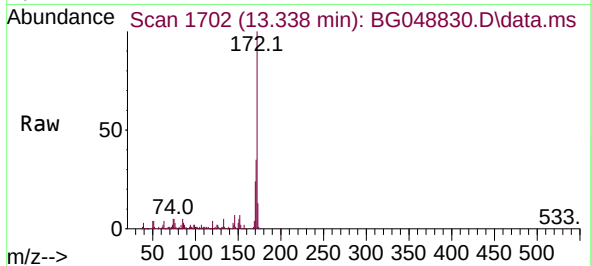




#45
2-Fluorobiphenyl
Concen: 58.02 ng
RT: 13.338 min Scan# 1702
Delta R.T. -0.005 min
Lab File: BG048830.D
Acq: 21 Apr 2021 22:07

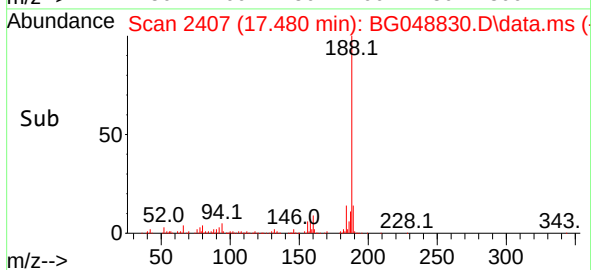
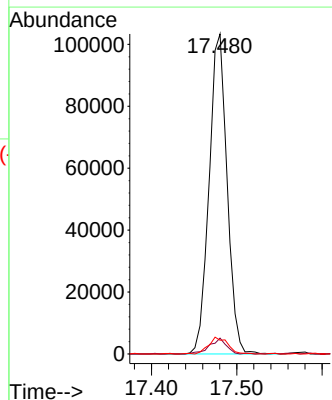
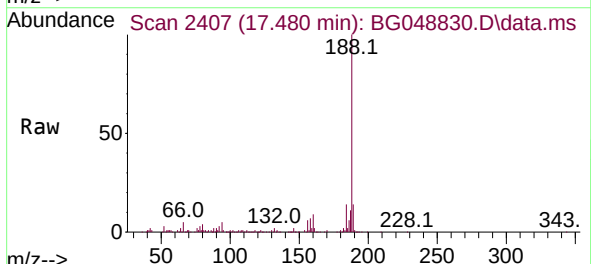
Instrument :
BNA_G
ClientSampled :
SB-4A

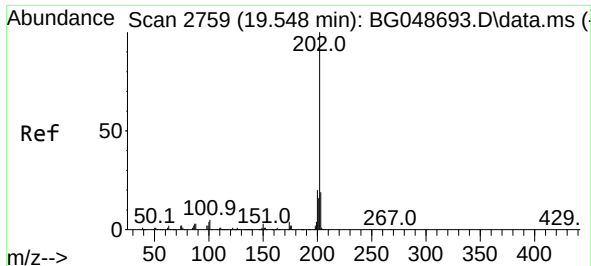
Tgt Ion:172 Resp: 279986
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 24.1 18.6 27.8



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.480 min Scan# 2407
Delta R.T. 0.001 min
Lab File: BG048830.D
Acq: 21 Apr 2021 22:07

Tgt Ion:188 Resp: 151950
Ion Ratio Lower Upper
188 100
94 5.0 5.4 8.0#
80 4.3 3.7 5.5

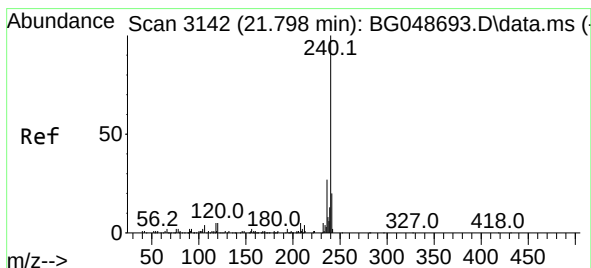
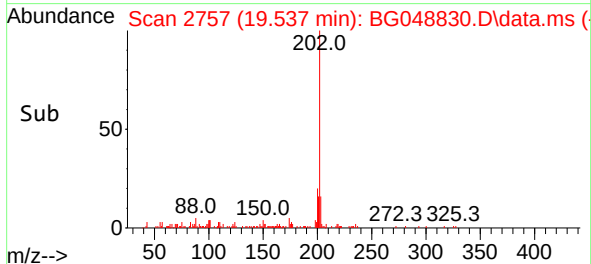
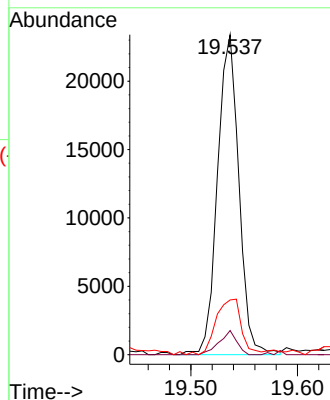
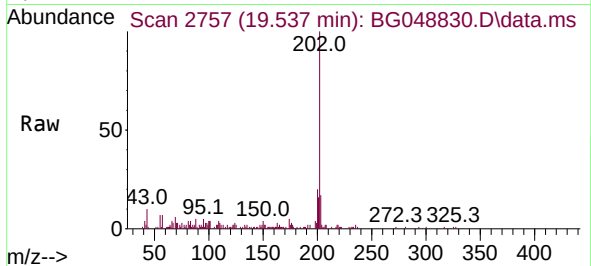




#75
Fluoranthene
Concen: 3.26 ng
RT: 19.537 min Scan# 2757
Delta R.T. 0.001 min
Lab File: BG048830.D
Acq: 21 Apr 2021 22:07

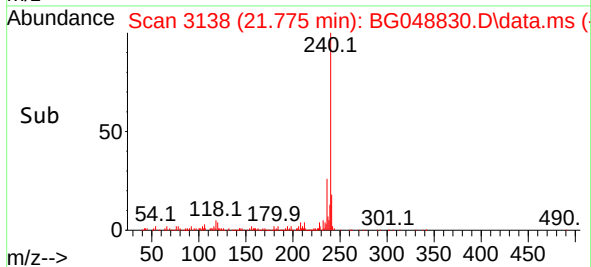
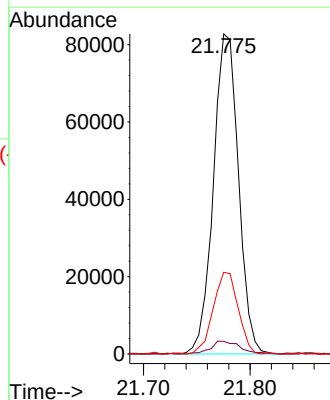
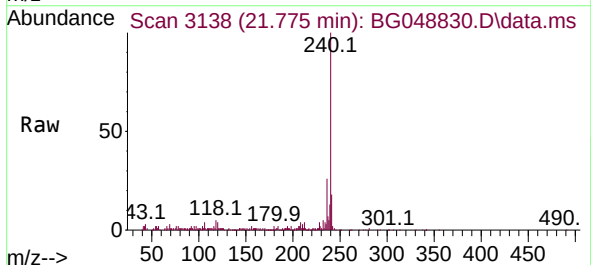
Instrument :
BNA_G
ClientSampled :
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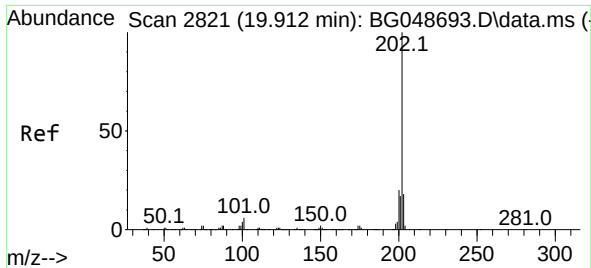
Tgt Ion:202 Resp: 32536
Ion Ratio Lower Upper
202 100
101 7.6 0.0 24.7
203 17.1 0.0 38.5



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.775 min Scan# 3138
Delta R.T. -0.005 min
Lab File: BG048830.D
Acq: 21 Apr 2021 22:07

Tgt Ion:240 Resp: 135251
Ion Ratio Lower Upper
240 100
120 4.0 4.2 6.2#
236 25.5 21.8 32.6

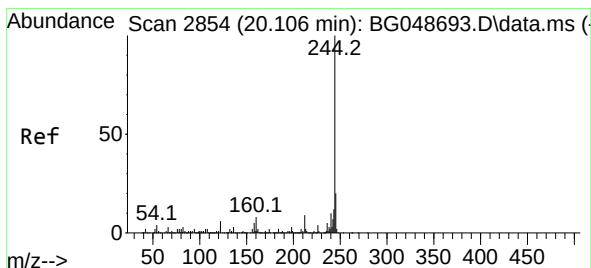
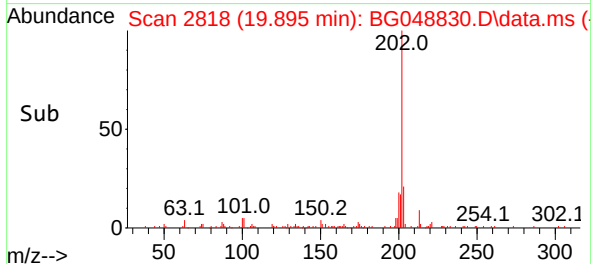
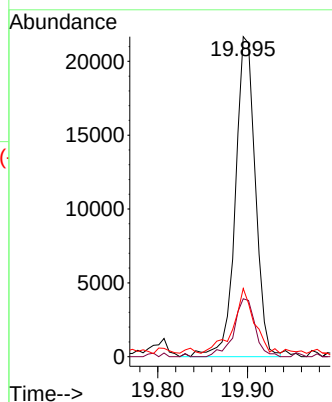
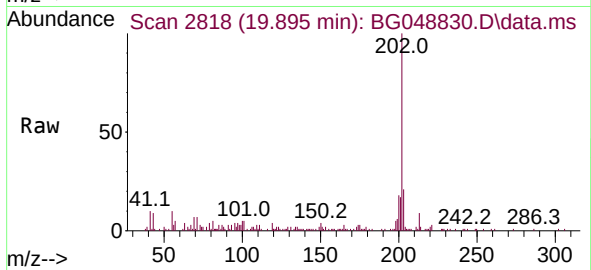




#78
Pyrene
Concen: 3.58 ng
RT: 19.895 min Scan# 2818
Delta R.T. -0.005 min
Lab File: BG048830.D
Acq: 21 Apr 2021 22:07

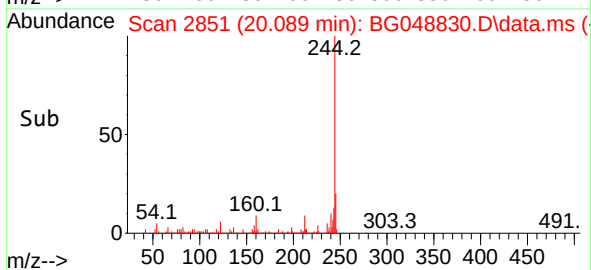
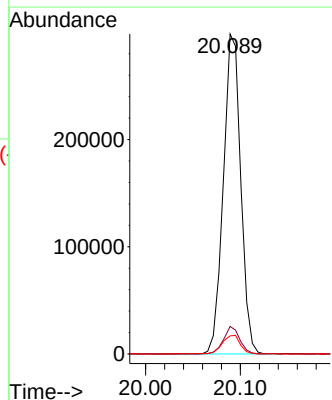
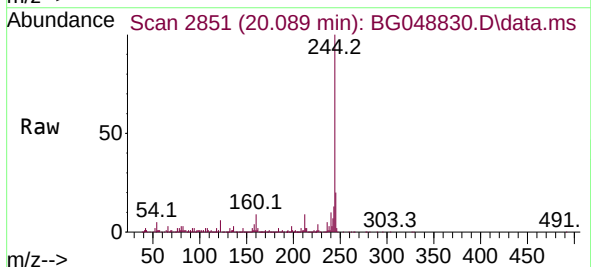
Instrument :
BNA_G
ClientSampled :
SB-4A

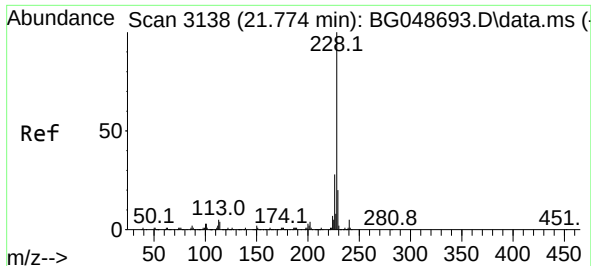
Tgt Ion:	202	Resp:	33506
Ion Ratio	Lower	Upper	
202	100		
200	18.1	15.8	23.8
203	21.3	14.6	21.8



#79
Terphenyl-d14
Concen: 48.44 ng
RT: 20.089 min Scan# 2851
Delta R.T. -0.005 min
Lab File: BG048830.D
Acq: 21 Apr 2021 22:07

Tgt Ion:	244	Resp:	380675
Ion Ratio	Lower	Upper	
244	100		
212	8.6	6.9	10.3
122	5.6	5.0	7.6

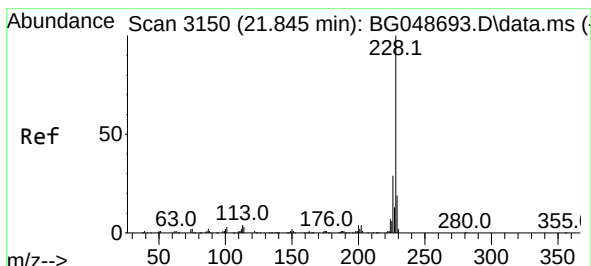
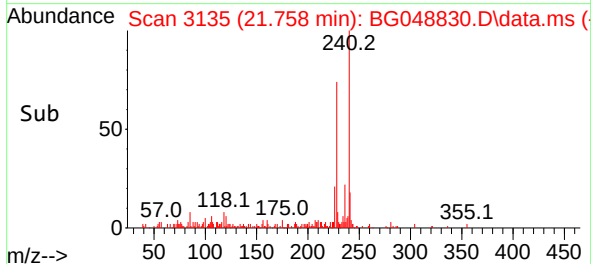
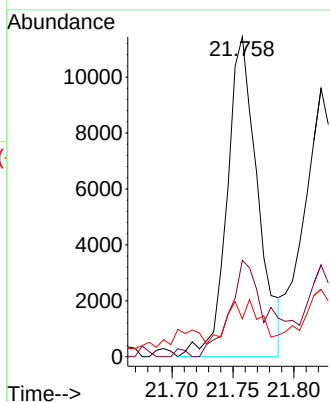
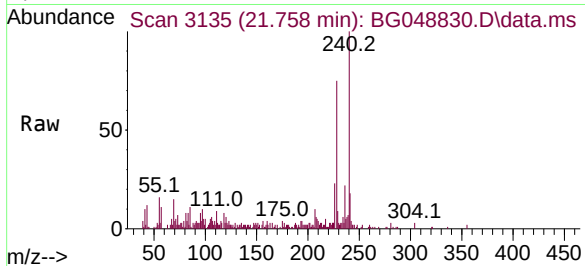




#81
Benzo(a)anthracene
Concen: 2.16 ng
RT: 21.758 min Scan# 3135
Delta R.T. 0.001 min
Lab File: BG048830.D
Acq: 21 Apr 2021 22:07

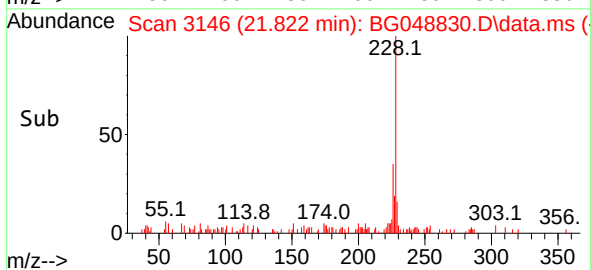
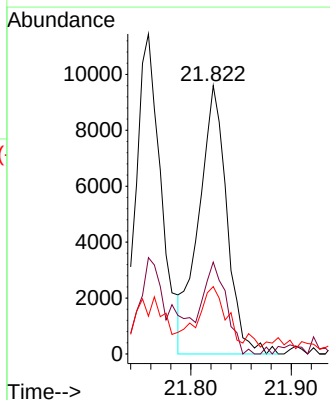
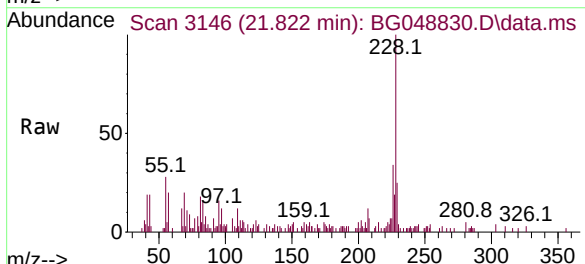
Instrument :
BNA_G
ClientSampled :
SB-4A

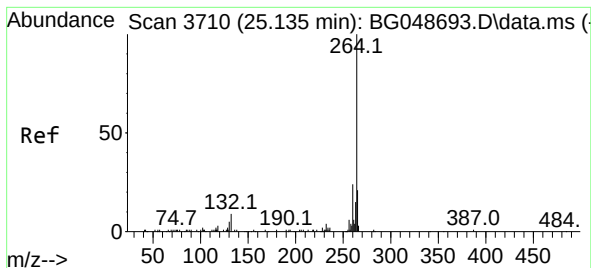
Tgt Ion:	228	Resp:	19992
Ion Ratio	Lower	Upper	
228	100		
226	30.1	22.7	34.1
229	11.8	16.0	24.0#



#83
Chrysene
Concen: 2.13 ng
RT: 21.822 min Scan# 3146
Delta R.T. -0.005 min
Lab File: BG048830.D
Acq: 21 Apr 2021 22:07

Tgt Ion:	228	Resp:	18768
Ion Ratio	Lower	Upper	
228	100		
226	34.3	23.1	34.7
229	25.1	15.3	22.9#

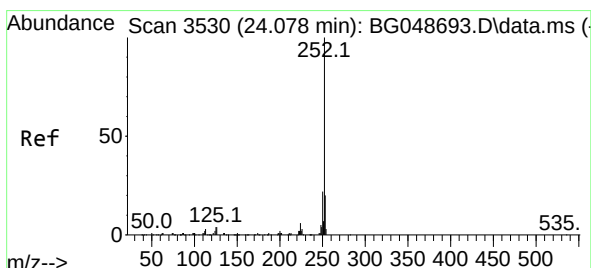
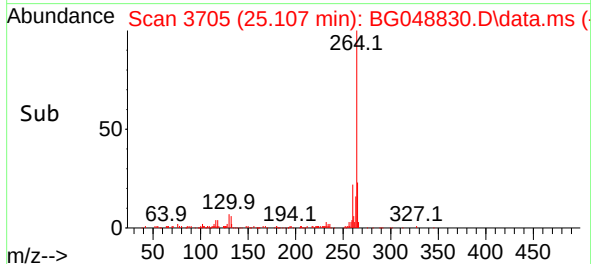
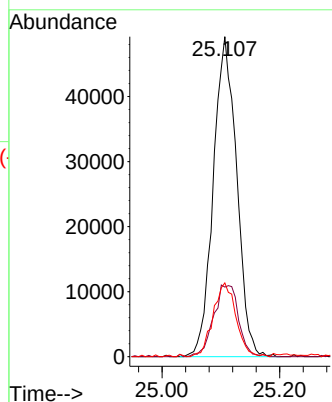
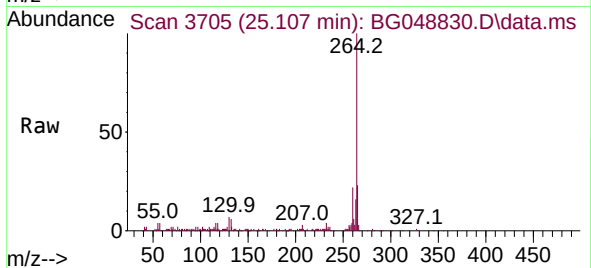




#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.107 min Scan# 3705
 Delta R.T. -0.005 min
 Lab File: BG048830.D
 Acq: 21 Apr 2021 22:07

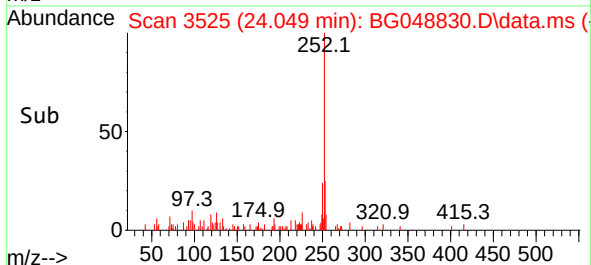
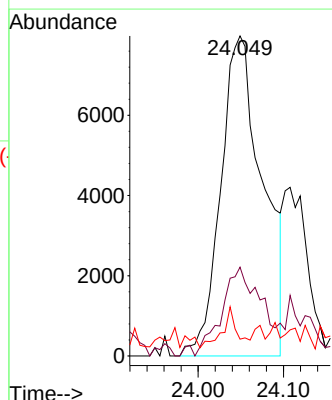
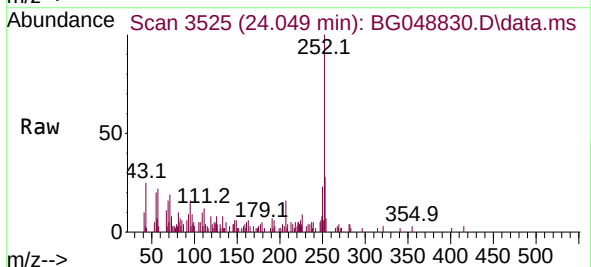
Instrument :
 BNA_G
 ClientSampled :
 SB-4A

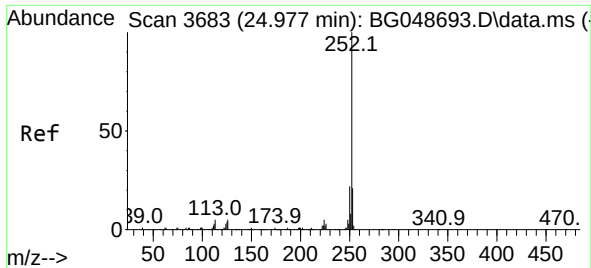
Tgt Ion:264 Resp: 135275
 Ion Ratio Lower Upper
 264 100
 260 21.7 19.4 29.2
 265 23.0 16.9 25.3



#88
 Benzo(b)fluoranthene
 Concen: 2.96 ng
 RT: 24.049 min Scan# 3525
 Delta R.T. 0.001 min
 Lab File: BG048830.D
 Acq: 21 Apr 2021 22:07

Tgt Ion:252 Resp: 27202
 Ion Ratio Lower Upper
 252 100
 253 27.8 16.2 24.4#
 125 5.3 3.0 4.4#





#90
 Benzo(a)pyrene
 Concen: 2.43 ng
 RT: 24.948 min Scan# 3678
 Delta R.T. -0.005 min
 Lab File: BG048830.D
 Acq: 21 Apr 2021 22:07

Instrument :
 BNA_G
 ClientSampleId :
 SB-4A

Tgt Ion:	252	Resp:	20540
Ion Ratio	Lower	Upper	
252	100		
253	37.5	16.6	25.0#
125	7.4	3.5	5.3#

