

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032521\
 Data File : BG048501.D
 Acq On : 25 Mar 2021 14:22
 Operator : CG/JU
 Sample : M1749-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FS-SB-15-11-13

Quant Time: Mar 25 15:05:10 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 25 02:47:17 2021
 Response via : Initial Calibration

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

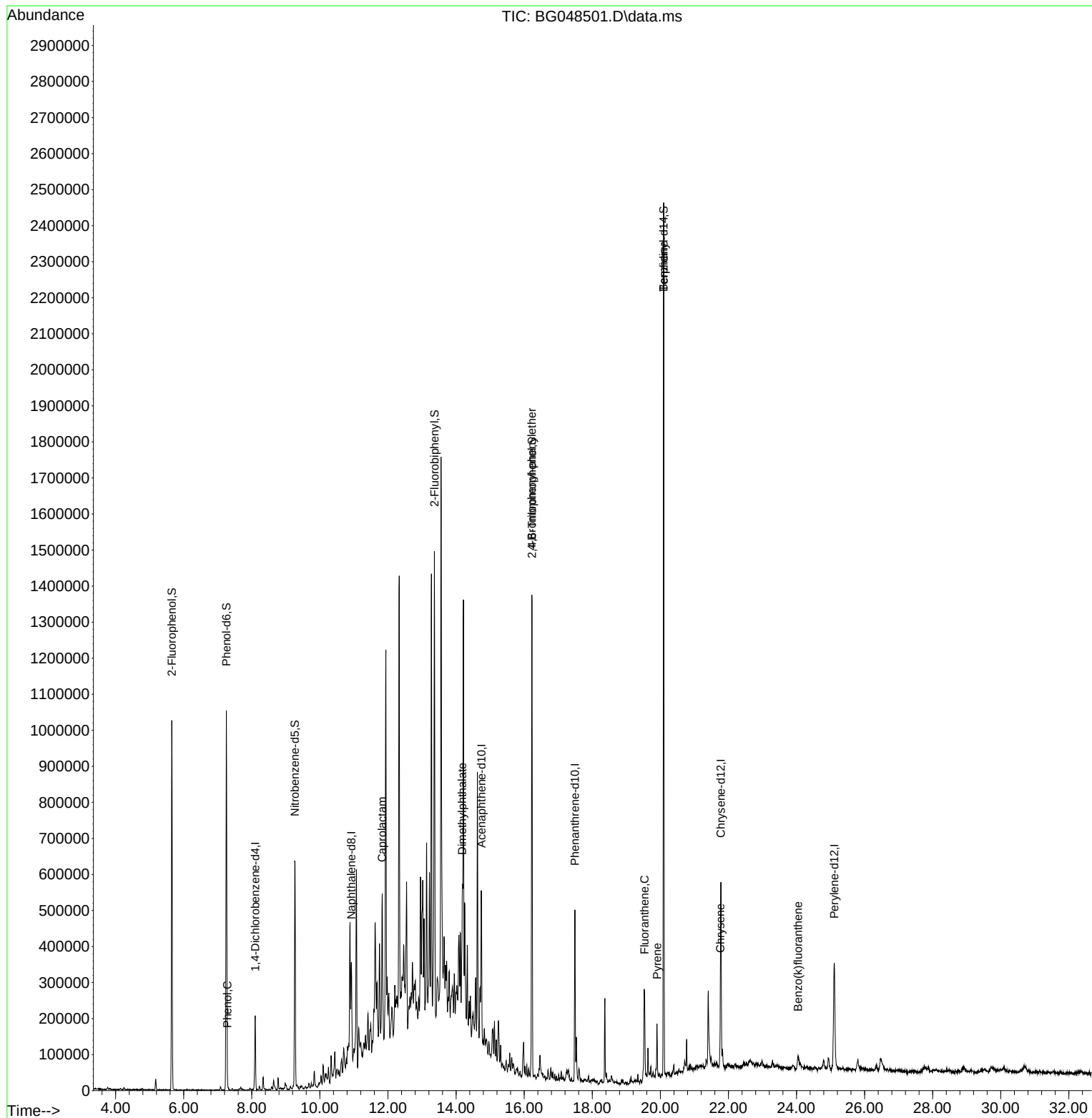
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.100	152	51076	20.00	ng	0.00
21) Naphthalene-d8	10.920	136	188673	20.00	ng	0.00
39) Acenaphthene-d10	14.745	164	126349	20.00	ng	0.00
64) Phenanthrene-d10	17.489	188	289663	20.00	ng	# 0.00
76) Chrysene-d12	21.778	240	303796	20.00	ng	#-0.01
86) Perylene-d12	25.110	264	323913	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.650	112	394499	127.73	ng	0.00
7) Phenol-d6	7.254	99	533476	118.70	ng	0.00
23) Nitrobenzene-d5	9.263	82	393390	83.37	ng	0.00
42) 2,4,6-Tribromophenol	16.232	330	255720	124.45	ng	0.00
45) 2-Fluorobiphenyl	13.364	172	584524	66.55	ng	0.00
79) Terphenyl-d14	20.098	244	1027299	60.98	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.254	77	1586	Below Cal	#	1
10) Phenol	7.283	94	12573	2.73	ng	72
35) Caprolactam	11.825	113	6500	5.23	ng	# 1
50) Dimethylphthalate	14.181	163	27416	2.67	ng	# 88
67) 4-Bromophenyl-phenylether	16.226	248	15702	4.30	ng	# 1
75) Fluoranthene	19.540	202	103171	5.06	ng	97
77) Benzidine	20.098	184	20239	2.22	ng	# 91
78) Pyrene	19.904	202	88615	4.25	ng	95
83) Chrysene	21.761	228	41558	2.06	ng	97
89) Benzo(k)fluoranthene	24.046	252	43521	2.02	ng	# 91

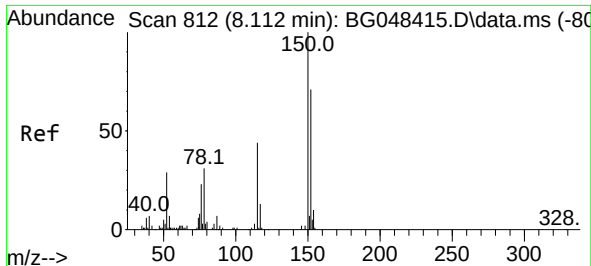
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032521\
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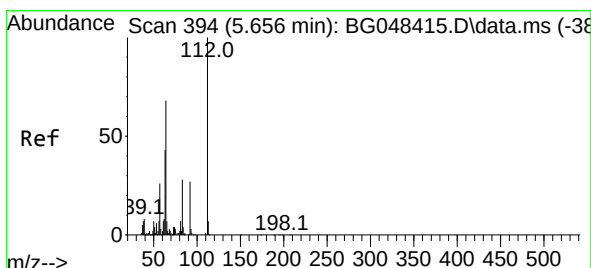
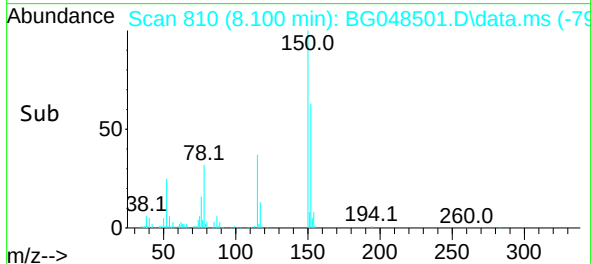
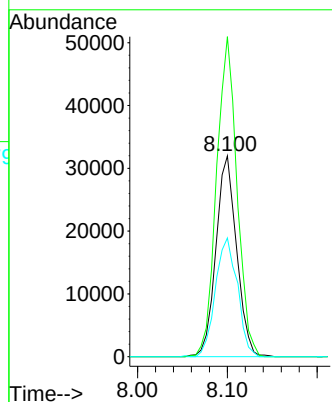
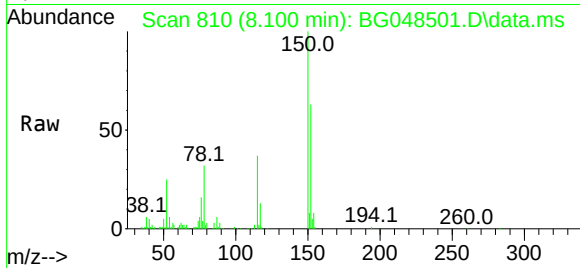




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.100 min Scan# 810
Delta R.T. -0.003 min
Lab File: BG048501.D
Acq: 25 Mar 2021 14:22

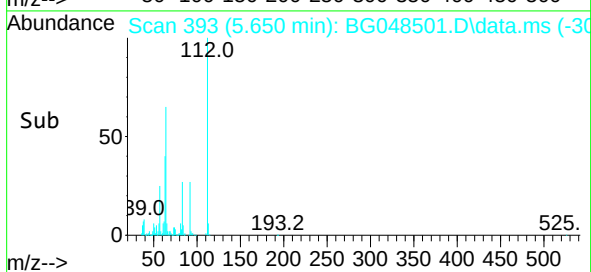
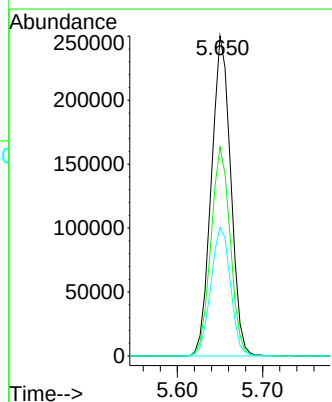
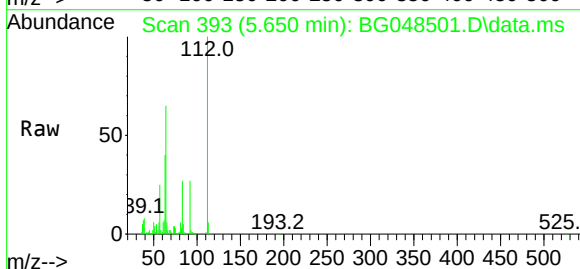
Instrument :
BNA_G
ClientSampleId :
FS-SB-15-11-13

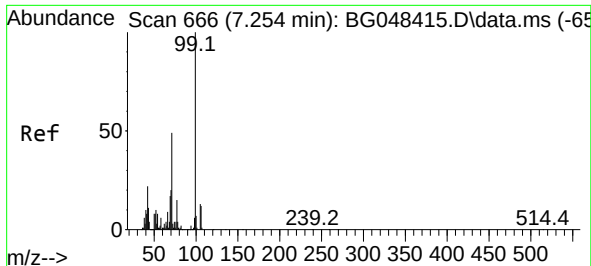
Tgt Ion:152 Resp: 51076
Ion Ratio Lower Upper
152 100
150 159.3 125.0 187.6
115 59.1 41.8 62.6



#5
2-Fluorophenol
Concen: 127.73 ng
RT: 5.650 min Scan# 393
Delta R.T. 0.003 min
Lab File: BG048501.D
Acq: 25 Mar 2021 14:22

Tgt Ion:112 Resp: 394499
Ion Ratio Lower Upper
112 100
64 65.3 46.7 70.1
63 40.2 22.8 34.2#

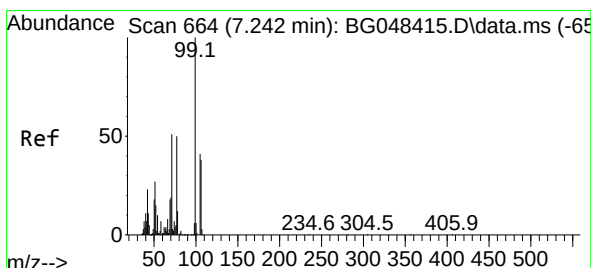
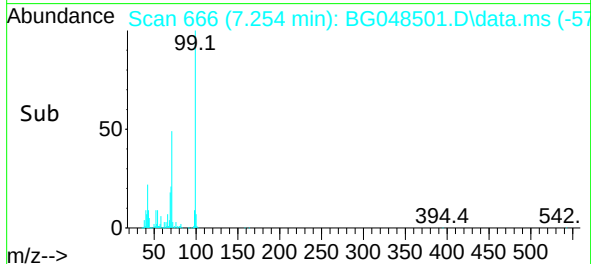
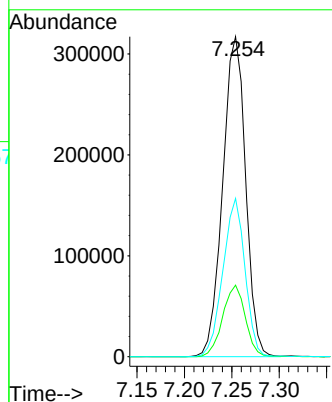
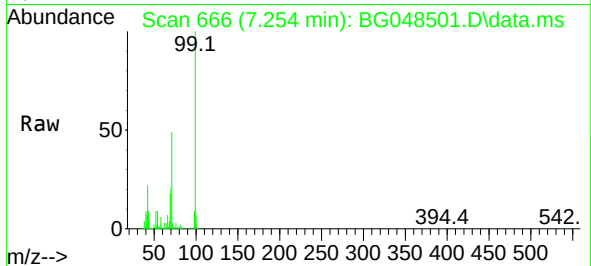




#7
Phenol-d6
Concen: 118.70 ng
RT: 7.254 min Scan# 666
Delta R.T. 0.003 min
Lab File: BG048501.D
Acq: 25 Mar 2021 14:22

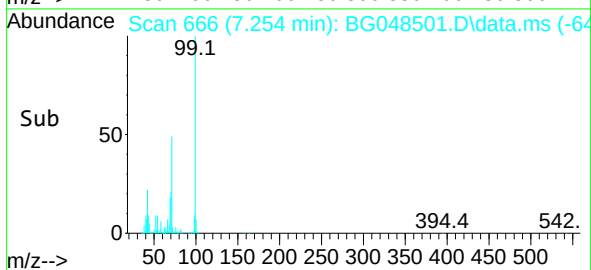
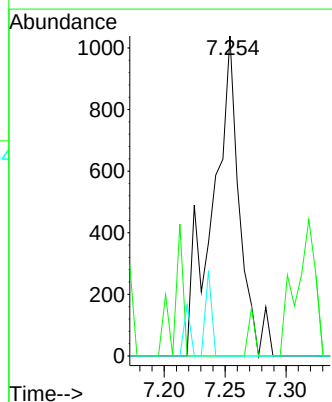
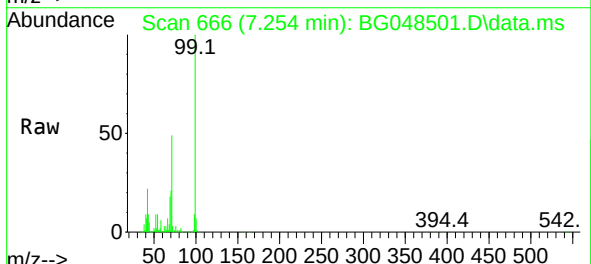
Instrument :
BNA_G
ClientSampleId :
FS-SB-15-11-13

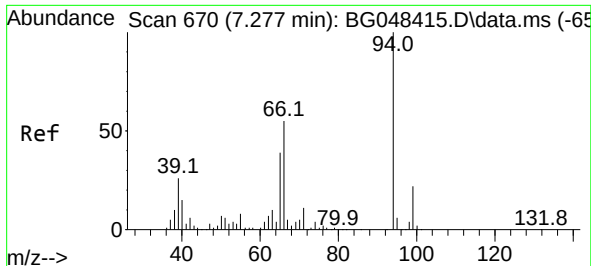
Tgt Ion: 99 Resp: 533476
Ion Ratio Lower Upper
99 100
42 22.4 12.8 19.2#
71 49.4 24.6 36.8#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.254 min Scan# 666
Delta R.T. 0.015 min
Lab File: BG048501.D
Acq: 25 Mar 2021 14:22

Tgt Ion: 77 Resp: 1586
Ion Ratio Lower Upper
77 100
105 0.0 85.9 125.9#
106 0.0 80.9 120.9#

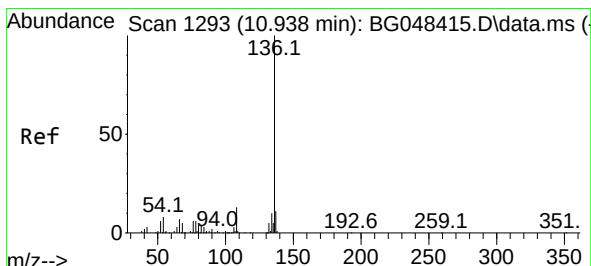
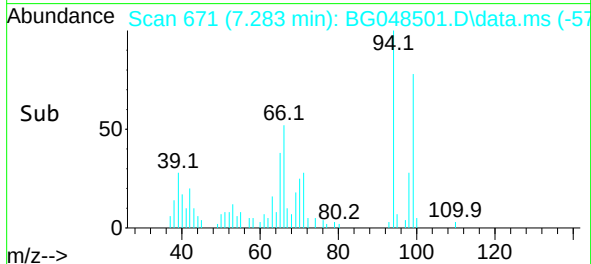
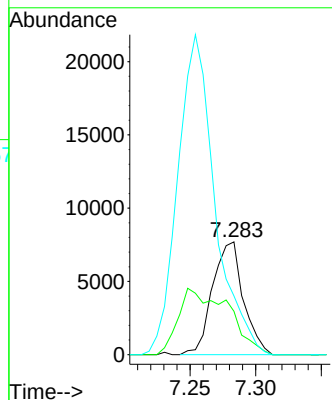
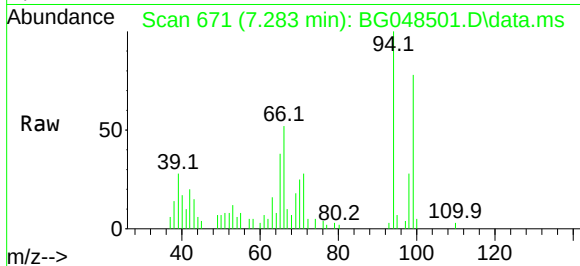




#10
Phenol
Concen: 2.73 ng
RT: 7.283 min Scan# 671
Delta R.T. 0.009 min
Lab File: BG048501.D
Acq: 25 Mar 2021 14:22

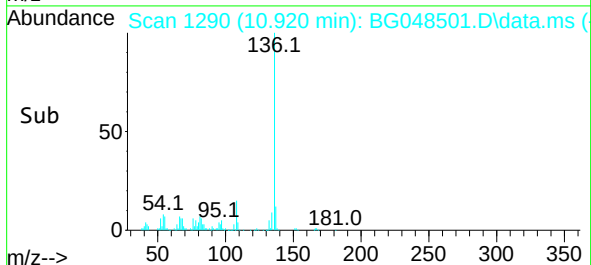
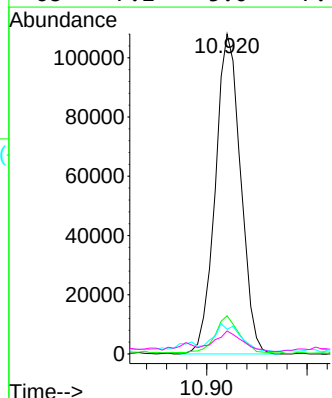
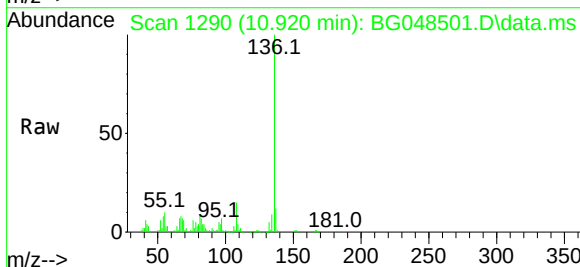
Instrument :
BNA_G
ClientSampleId :
FS-SB-15-11-13

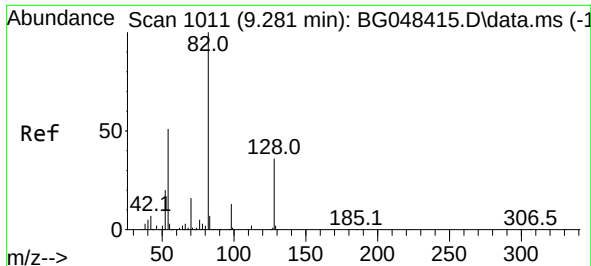
Tgt Ion: 94 Resp: 12573
Ion Ratio Lower Upper
94 100
65 38.5 6.6 46.6
66 52.0 13.9 53.9



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.920 min Scan# 1290
Delta R.T. -0.009 min
Lab File: BG048501.D
Acq: 25 Mar 2021 14:22

Tgt Ion: 136 Resp: 188673
Ion Ratio Lower Upper
136 100
137 12.0 9.1 13.7
54 7.7 6.2 9.4
68 7.2 5.0 7.4

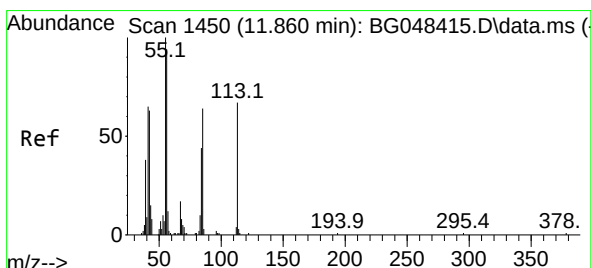
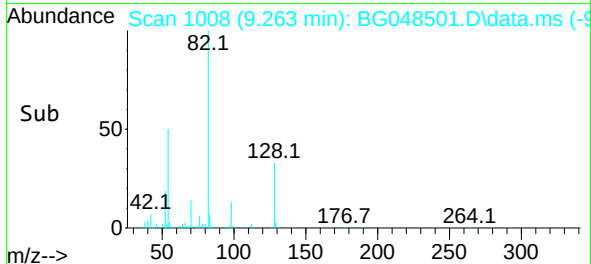
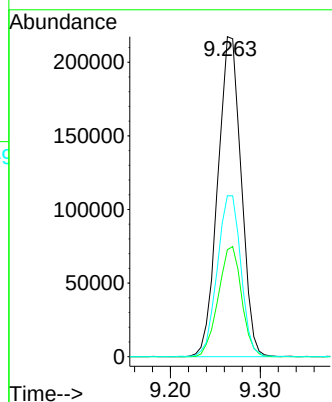
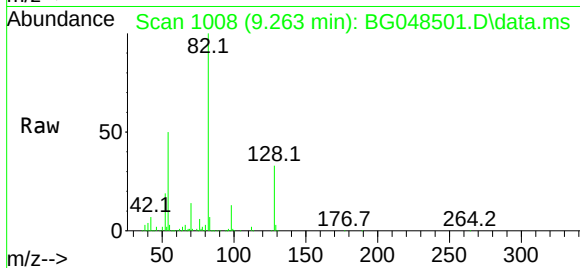




#23
Nitrobenzene-d5
Concen: 83.37 ng
RT: 9.263 min Scan# 1008
Delta R.T. -0.009 min
Lab File: BG048501.D
Acq: 25 Mar 2021 14:22

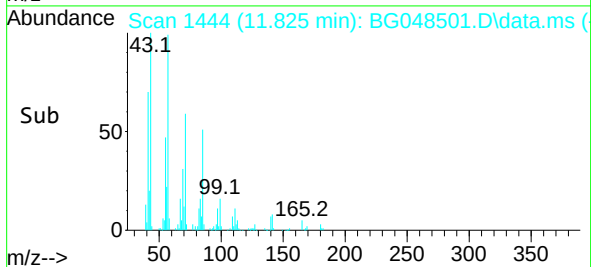
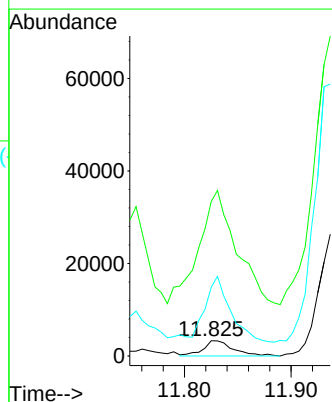
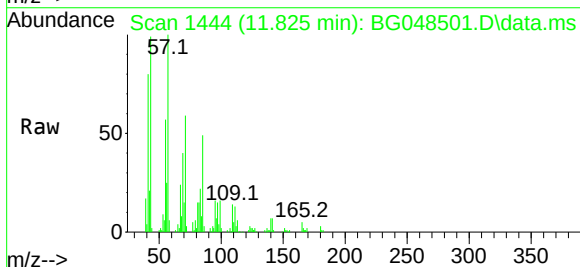
Instrument :
BNA_G
ClientSampleId :
FS-SB-15-11-13

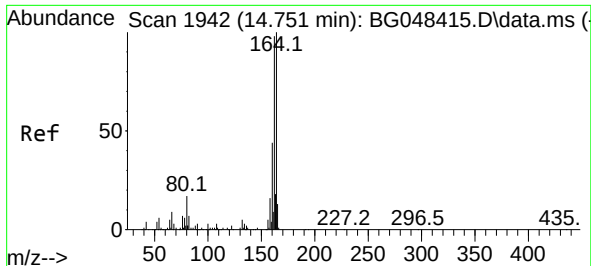
Tgt Ion: 82 Resp: 393390
Ion Ratio Lower Upper
82 100
128 33.5 37.0 55.6#
54 50.3 39.0 58.4



#35
Caprolactam
Concen: 5.23 ng
RT: 11.825 min Scan# 1444
Delta R.T. -0.032 min
Lab File: BG048501.D
Acq: 25 Mar 2021 14:22

Tgt Ion: 113 Resp: 6500
Ion Ratio Lower Upper
113 100
55 1019.7 149.2 189.2#
56 453.2 107.2 147.2#

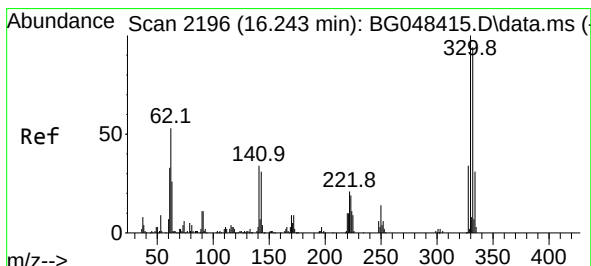
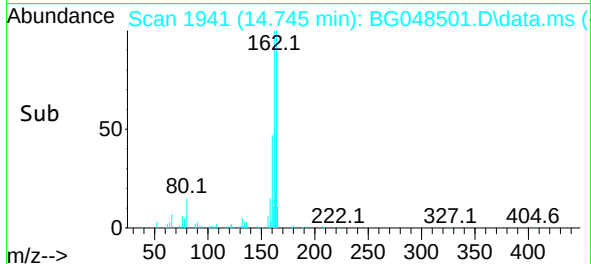
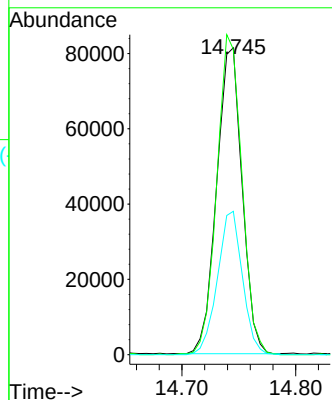
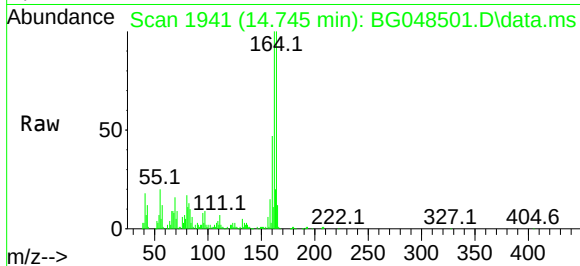




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.745 min Scan# 1941
Delta R.T. -0.003 min
Lab File: BG048501.D
Acq: 25 Mar 2021 14:22

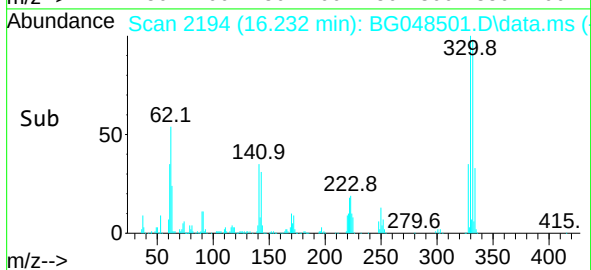
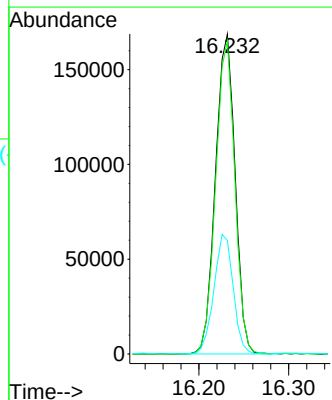
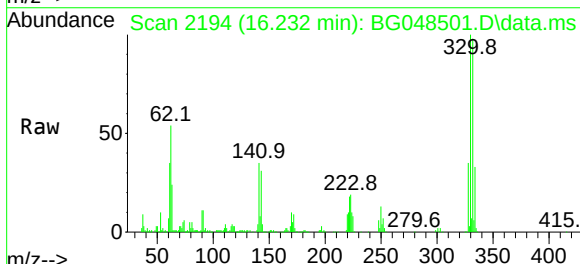
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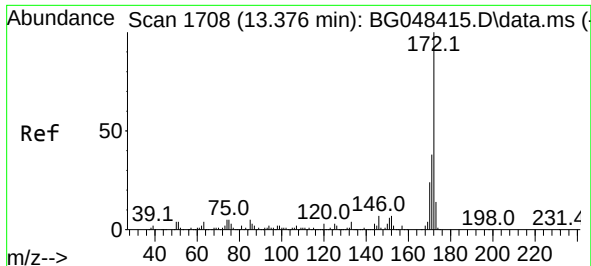
Tgt Ion:164 Resp: 126349
Ion Ratio Lower Upper
164 100
162 99.5 82.3 123.5
160 46.7 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 124.45 ng
RT: 16.232 min Scan# 2194
Delta R.T. -0.003 min
Lab File: BG048501.D
Acq: 25 Mar 2021 14:22

Tgt Ion:330 Resp: 255720
Ion Ratio Lower Upper
330 100
332 95.8 76.5 114.7
141 36.8 26.0 39.0

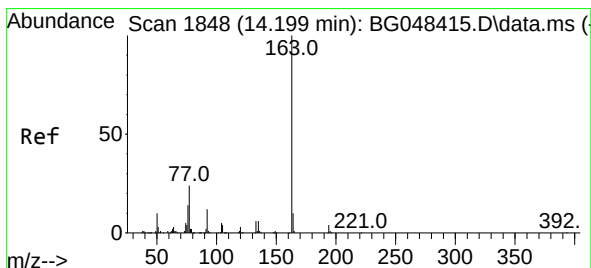
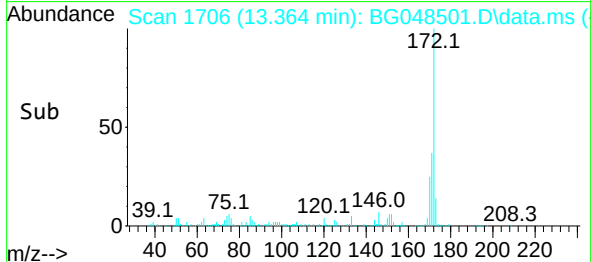
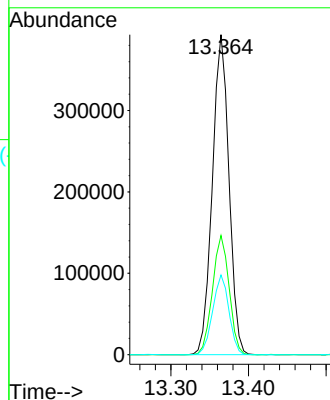
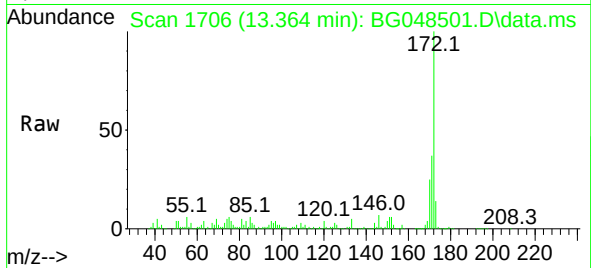




#45
2-Fluorobiphenyl
Concen: 66.55 ng
RT: 13.364 min Scan# 1706
Delta R.T. -0.003 min
Lab File: BG048501.D
Acq: 25 Mar 2021 14:22

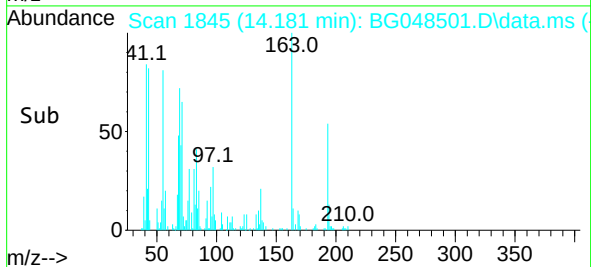
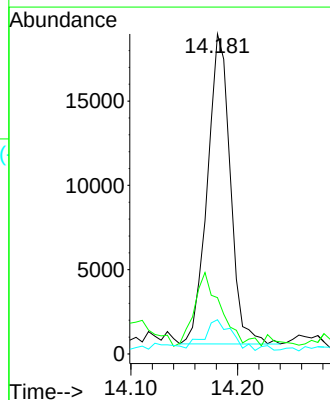
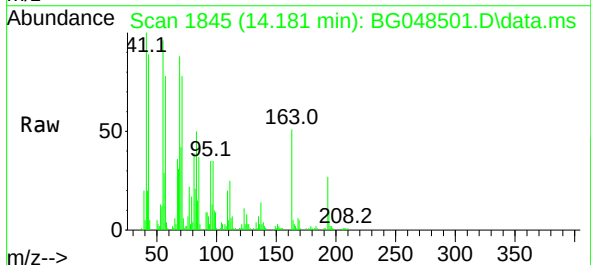
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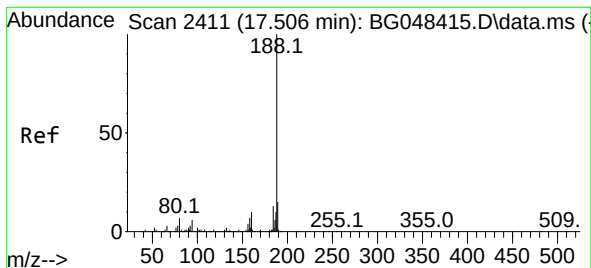
Tgt Ion:172	Resp:	584524
Ion Ratio	Lower	Upper
172	100	
171	37.2	31.3 46.9
170	24.9	20.8 31.2



#50
Dimethylphthalate
Concen: 2.67 ng
RT: 14.181 min Scan# 1845
Delta R.T. -0.014 min
Lab File: BG048501.D
Acq: 25 Mar 2021 14:22

Tgt Ion:163	Resp:	27416
Ion Ratio	Lower	Upper
163	100	
194	17.6	3.8 5.8#
164	10.7	8.8 13.2

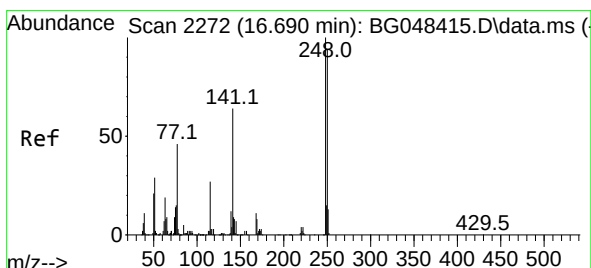
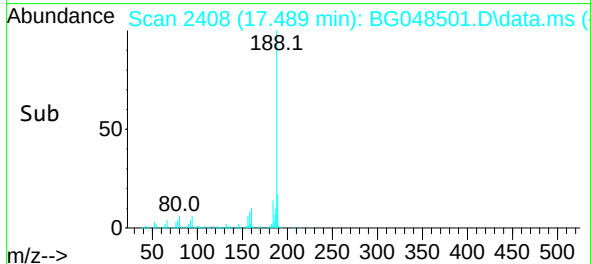
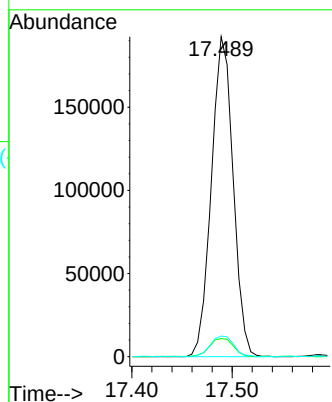
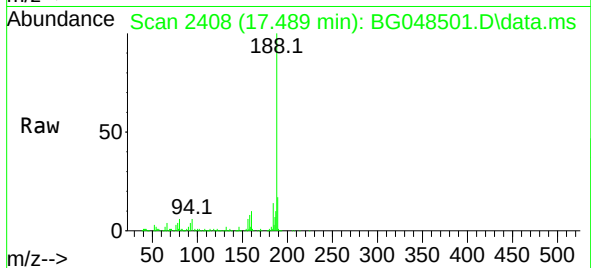




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.489 min Scan# 2408
Delta R.T. -0.009 min
Lab File: BG048501.D
Acq: 25 Mar 2021 14:22

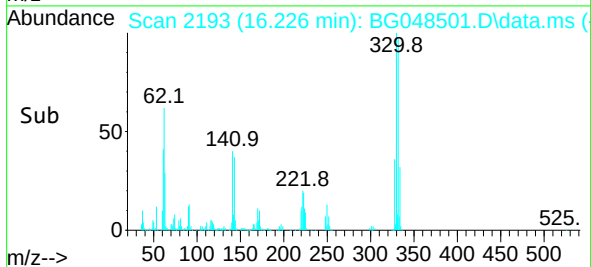
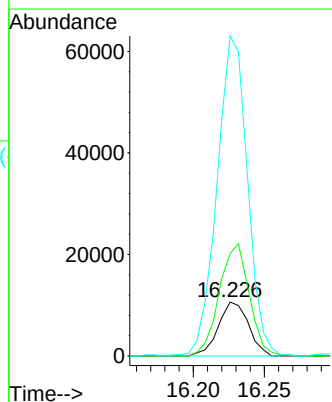
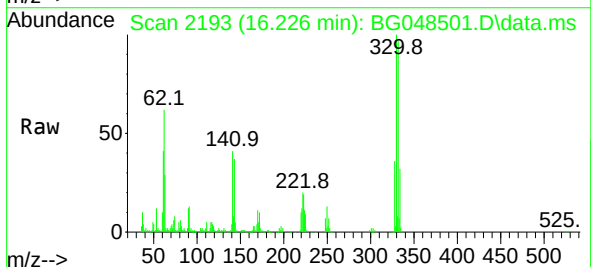
Instrument :
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FS-SB-15-11-13

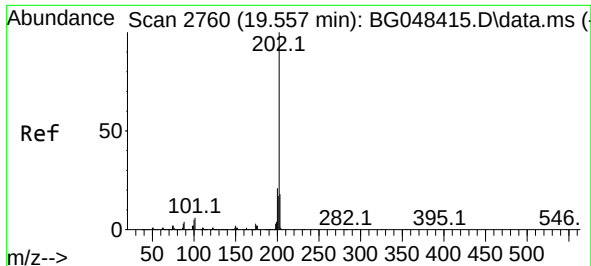
Tgt Ion:188 Resp: 289663
Ion Ratio Lower Upper
188 100
94 5.7 6.3 9.5#
80 6.5 7.0 10.6#



#67
4-Bromophenyl-phenylether
Concen: 4.30 ng
RT: 16.226 min Scan# 2193
Delta R.T. -0.455 min
Lab File: BG048501.D
Acq: 25 Mar 2021 14:22

Tgt Ion:248 Resp: 15702
Ion Ratio Lower Upper
248 100
250 190.3 78.9 118.3#
141 593.5 46.2 69.4#

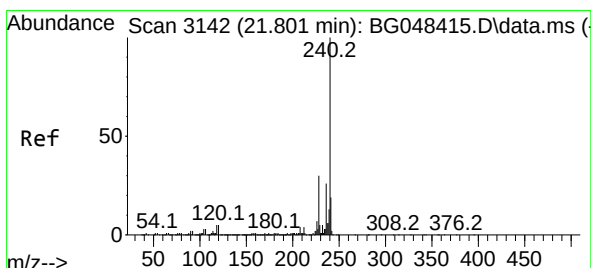
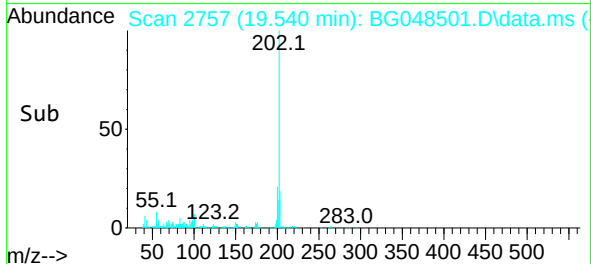
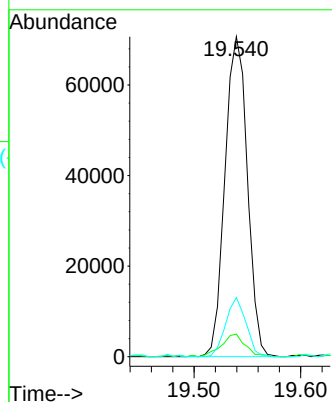
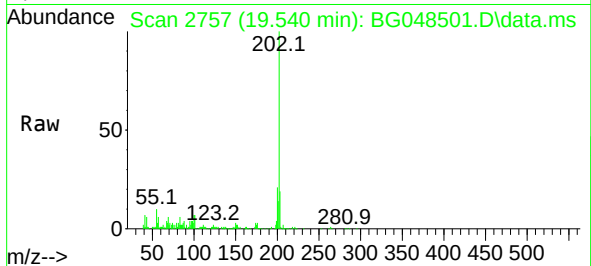




#75
Fluoranthene
Concen: 5.06 ng
RT: 19.540 min Scan# 2757
Delta R.T. -0.009 min
Lab File: BG048501.D
Acq: 25 Mar 2021 14:22

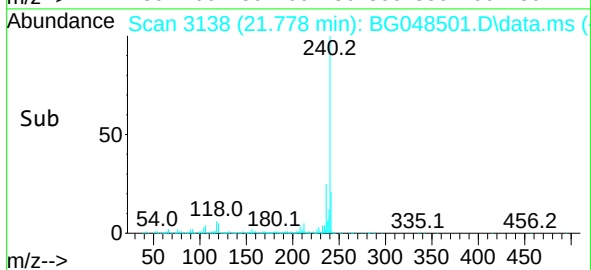
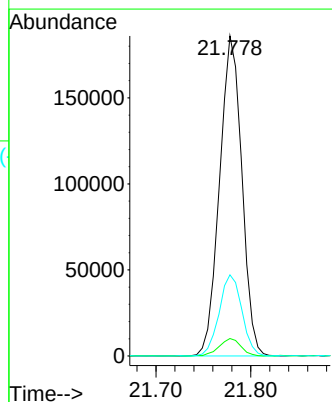
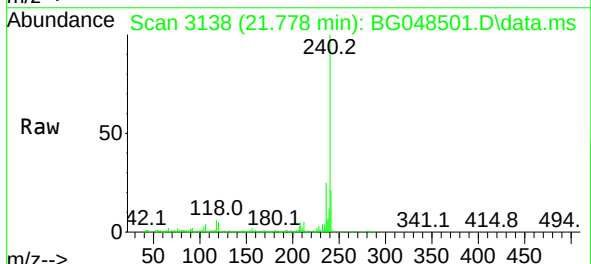
Instrument :
BNA_G
ClientSampleId :
FS-SB-15-11-13

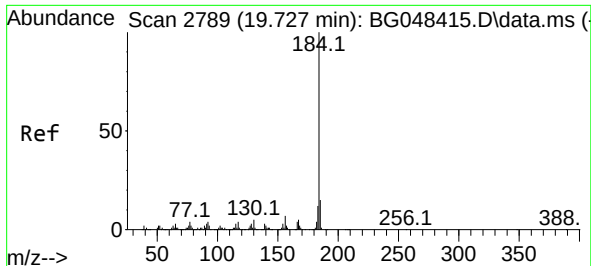
Tgt Ion:202 Resp: 103171
Ion Ratio Lower Upper
202 100
101 7.1 0.0 29.7
203 18.5 0.0 39.2



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.778 min Scan# 3138
Delta R.T. -0.014 min
Lab File: BG048501.D
Acq: 25 Mar 2021 14:22

Tgt Ion:240 Resp: 303796
Ion Ratio Lower Upper
240 100
120 5.5 6.2 9.4#
236 25.4 20.5 30.7

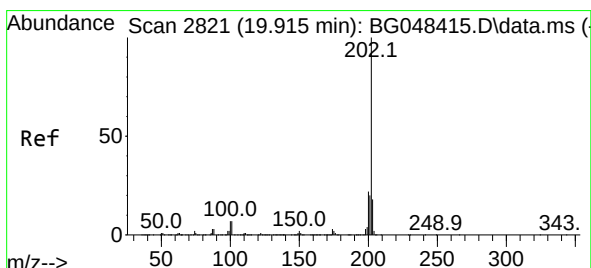
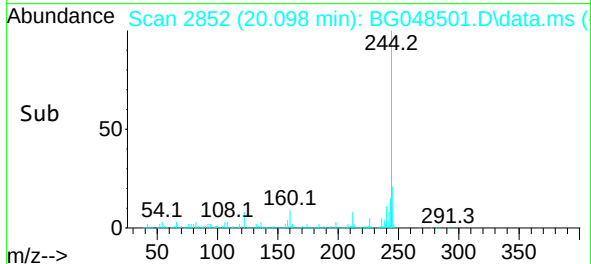
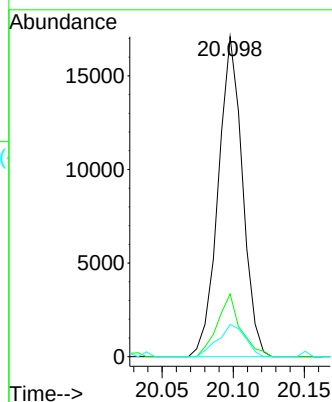
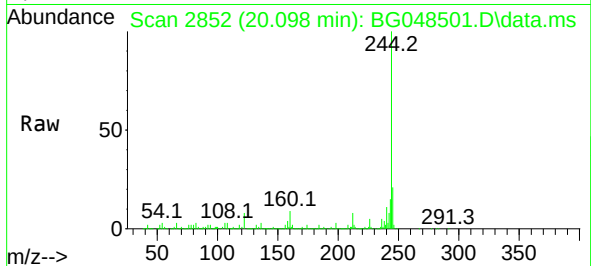




#77
Benzidine
Concen: 2.22 ng
RT: 20.098 min Scan# 2852
Delta R.T. 0.373 min
Lab File: BG048501.D
Acq: 25 Mar 2021 14:22

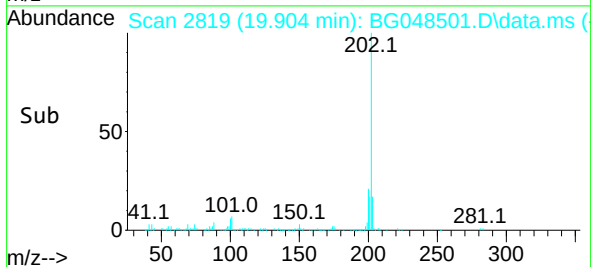
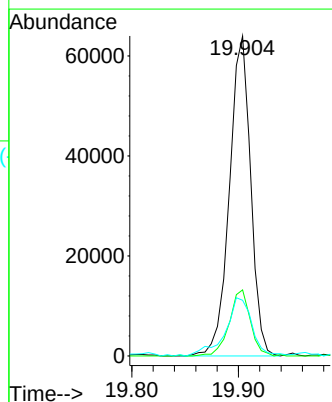
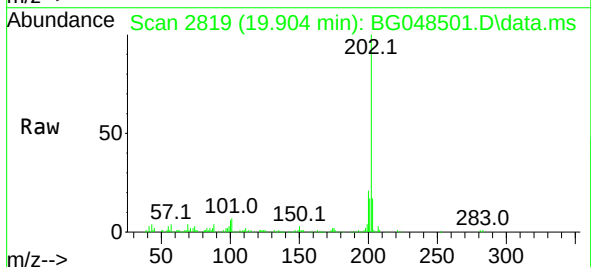
Instrument :
BNA_G
ClientSampleId :
FS-SB-15-11-13

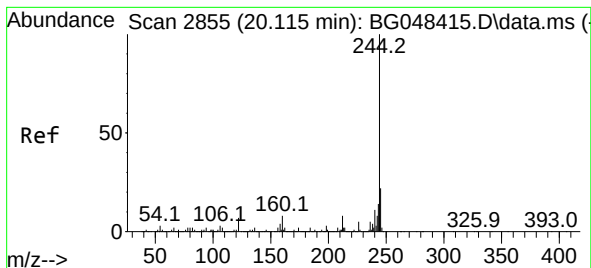
Tgt Ion:184 Resp: 20239
Ion Ratio Lower Upper
184 100
185 19.6 12.4 18.6#
183 10.1 10.6 15.8#



#78
Pyrene
Concen: 4.25 ng
RT: 19.904 min Scan# 2819
Delta R.T. -0.009 min
Lab File: BG048501.D
Acq: 25 Mar 2021 14:22

Tgt Ion:202 Resp: 88615
Ion Ratio Lower Upper
202 100
200 20.7 18.6 27.8
203 17.4 15.3 22.9





#79

Terphenyl-d14

Concen: 60.98 ng

RT: 20.098 min Scan# 2852

Delta R.T. -0.009 min

Lab File: BG048501.D

Acq: 25 Mar 2021 14:22

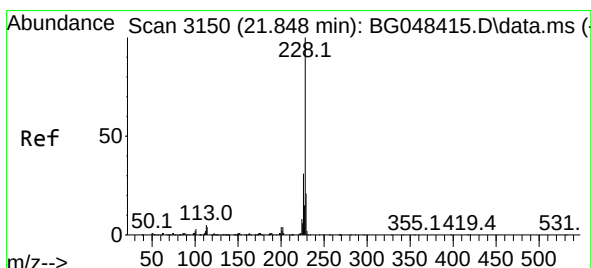
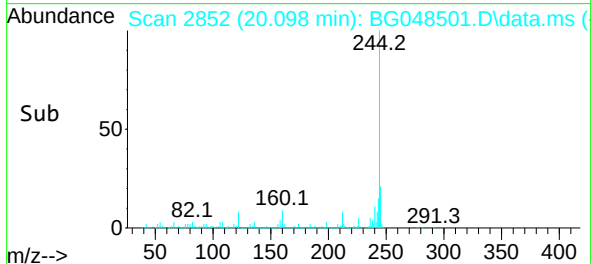
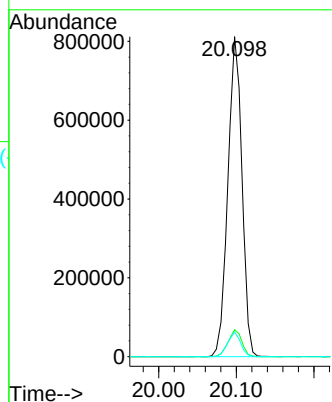
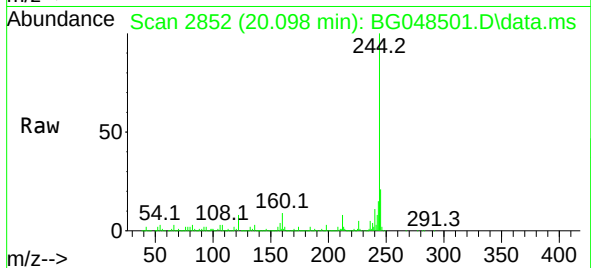
Tgt Ion:244 Resp: 1027299

Ion Ratio Lower Upper

244 100

212 8.4 6.7 10.1

122 7.7 7.8 11.6#



#83

Chrysene

Concen: 2.06 ng

RT: 21.761 min Scan# 3135

Delta R.T. -0.079 min

Lab File: BG048501.D

Acq: 25 Mar 2021 14:22

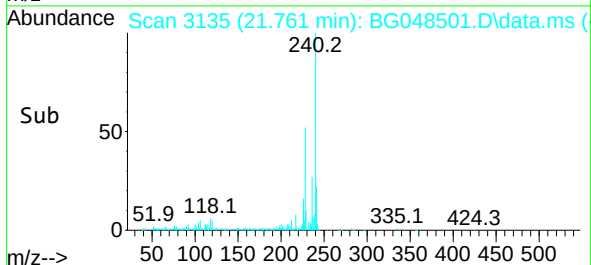
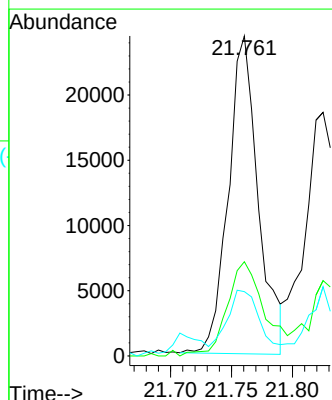
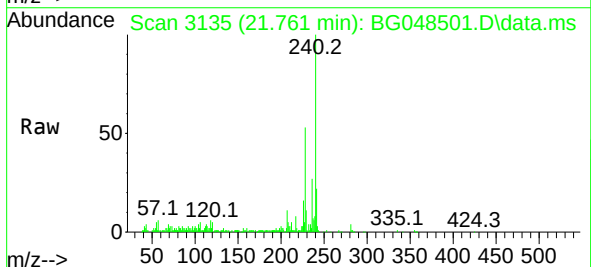
Tgt Ion:228 Resp: 41558

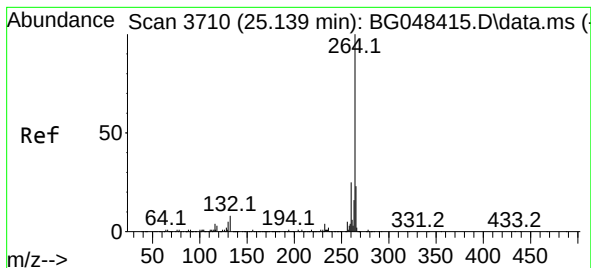
Ion Ratio Lower Upper

228 100

226 29.4 25.0 37.4

229 20.1 17.3 25.9

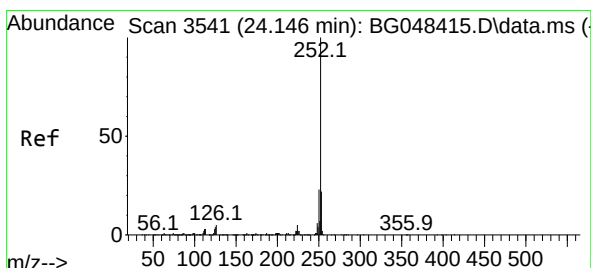
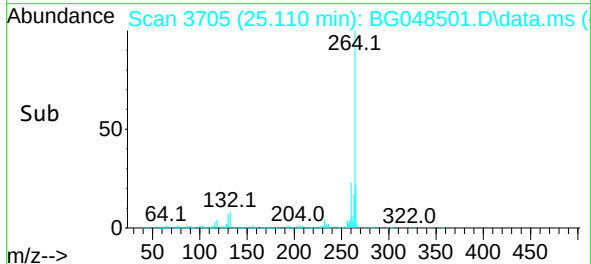
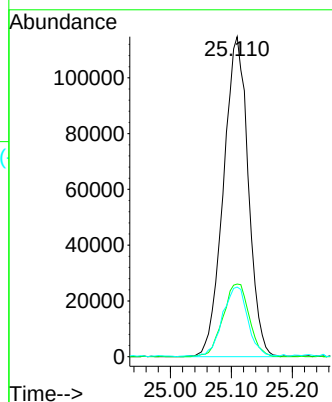
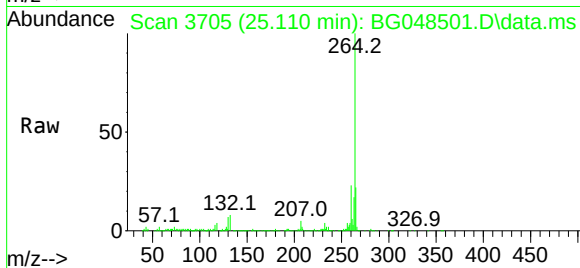




#86
Perylene-d12
Concen: 20.00 ng
RT: 25.110 min Scan# 3705
Delta R.T. -0.014 min
Lab File: BG048501.D
Acq: 25 Mar 2021 14:22

Instrument :
BNA_G
ClientSampleId :
FS-SB-15-11-13

Tgt Ion:264 Resp: 323913
Ion Ratio Lower Upper
264 100
260 22.7 18.8 28.2
265 21.7 17.8 26.8



#89
Benzo(k)fluoranthene
Concen: 2.02 ng
RT: 24.046 min Scan# 3524
Delta R.T. -0.085 min
Lab File: BG048501.D
Acq: 25 Mar 2021 14:22

Tgt Ion:252 Resp: 43521
Ion Ratio Lower Upper
252 100
253 18.8 18.6 27.8
125 5.4 6.8 10.2#

