

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030421\
 Data File : BG048337.D
 Acq On : 4 Mar 2021 20:50
 Operator : CG/JU
 Sample : M1540-01 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PR-01-030221

Quant Time: Mar 04 23:28:35 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG021021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 03 16:40:27 2021
 Response via : Initial Calibration

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

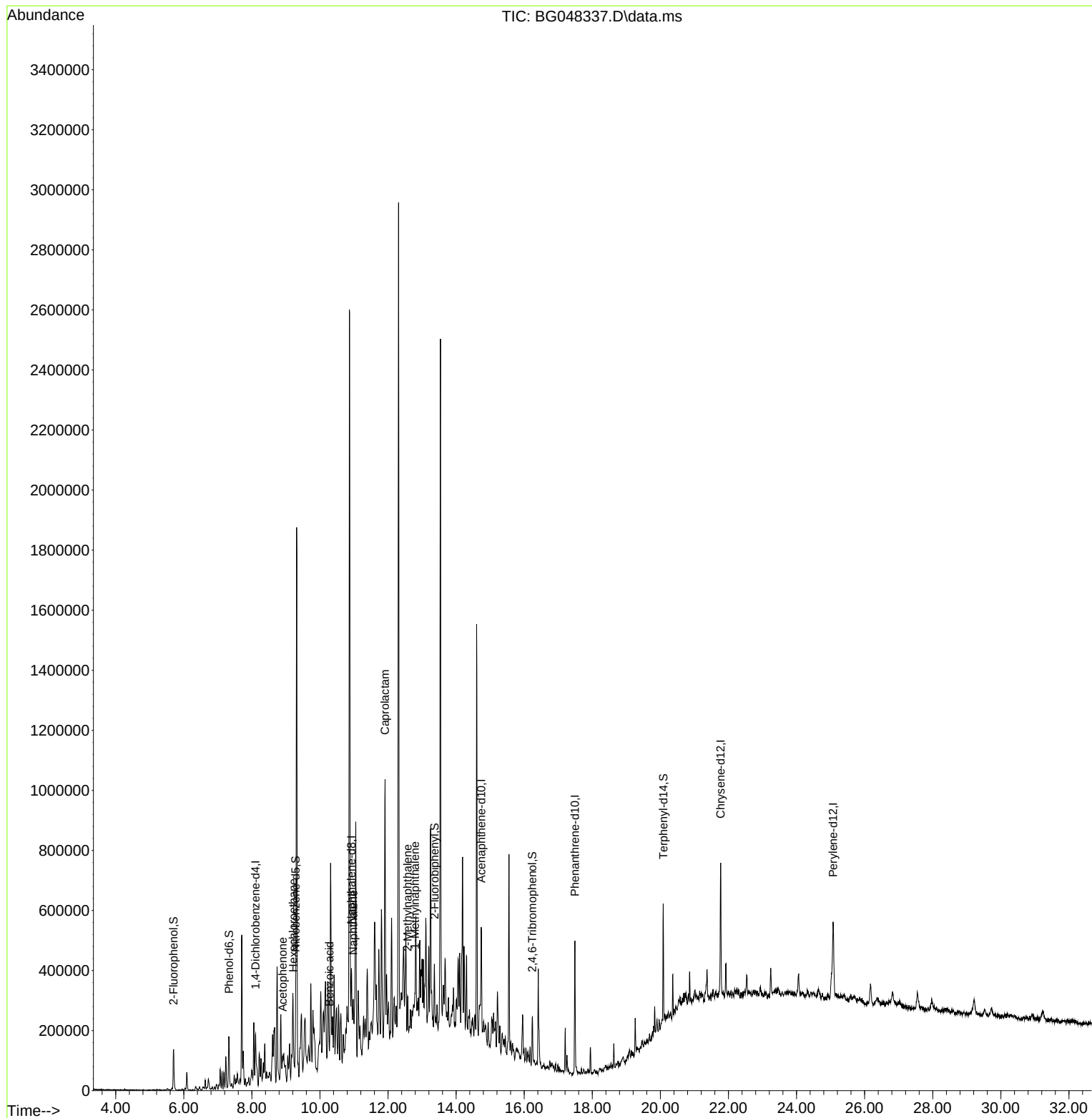
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.109	152	47733	20.00	ng	0.00
21) Naphthalene-d8	10.924	136	166472	20.00	ng	# 0.00
39) Acenaphthene-d10	14.737	164	119473	20.00	ng	0.00
64) Phenanthrene-d10	17.486	188	265093	20.00	ng	# 0.00
76) Chrysene-d12	21.770	240	281281	20.00	ng	# 0.00
86) Perylene-d12	25.072	264	275966	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.700	112	56809	20.26	ng	0.01
7) Phenol-d6	7.328	99	78968	18.54	ng	0.01
23) Nitrobenzene-d5	9.284	82	64525	16.40	ng	0.00
42) 2,4,6-Tribromophenol	16.241	330	32360	16.93	ng	0.00
45) 2-Fluorobiphenyl	13.362	172	114416	13.43	ng	0.00
79) Terphenyl-d14	20.083	244	171498	11.14	ng	0.00
Target Compounds						Qvalue
18) Hexachloroethane	9.214	117	15911	11.63	ng	# 1
22) Acetophenone	8.902	105	52610	11.01	ng	# 57
31) Naphthalene	10.977	128	18386	2.00	ng	# 81
32) Benzoic acid	10.277	122	132	4.20	ng	# 1
35) Caprolactam	11.911	113	25776	24.34	ng	# 1
37) 2-Methylnaphthalene	12.575	142	43386	6.07	ng	# 83
38) 1-Methylnaphthalene	12.792	142	31284	4.63	ng	# 93

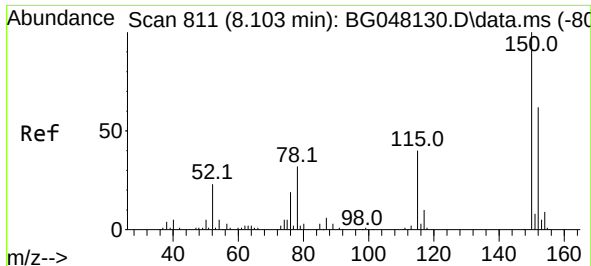
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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Quant Time: Mar 04 23:28:35 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG021021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 03 16:40:27 2021
Response via : Initial Calibration

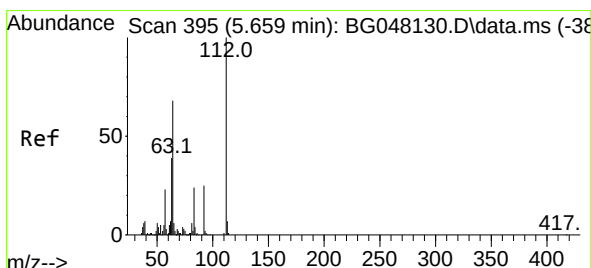
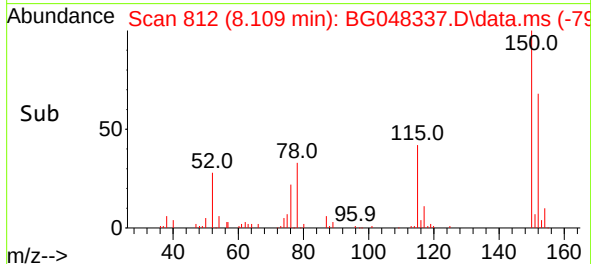
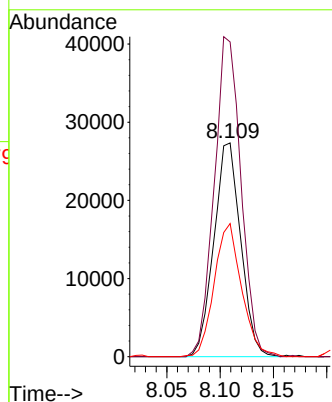
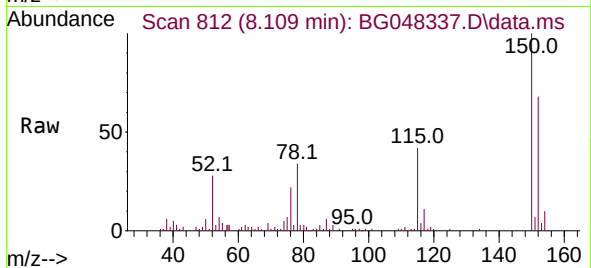




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.109 min Scan# 812
Delta R.T. 0.007 min
Lab File: BG048337.D
Acq: 4 Mar 2021 20:50

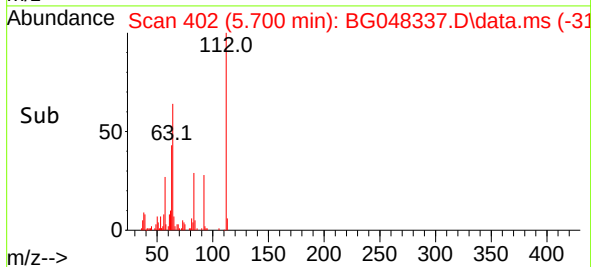
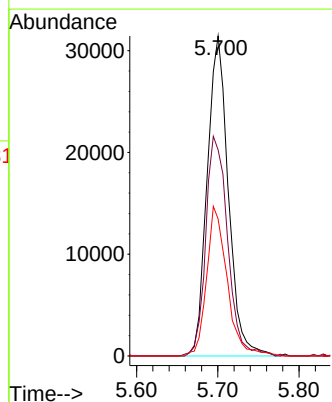
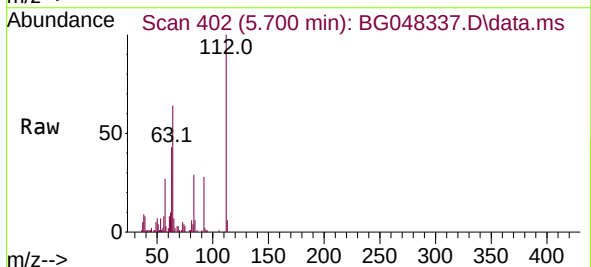
Instrument :
BNA_G
ClientSampleId :
PR-01-030221

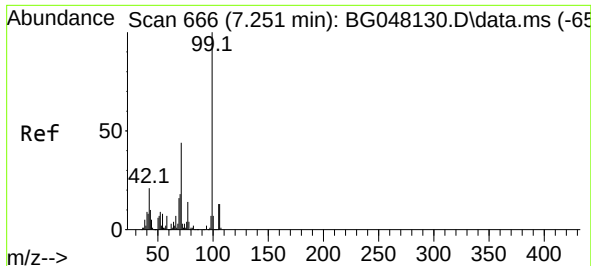
Tgt Ion:152 Resp: 47733
Ion Ratio Lower Upper
152 100
150 147.2 125.0 187.6
115 62.3 41.8 62.6



#5
2-Fluorophenol
Concen: 20.26 ng
RT: 5.700 min Scan# 402
Delta R.T. 0.013 min
Lab File: BG048337.D
Acq: 4 Mar 2021 20:50

Tgt Ion:112 Resp: 56809
Ion Ratio Lower Upper
112 100
64 64.4 46.7 70.1
63 42.8 22.8 34.2#

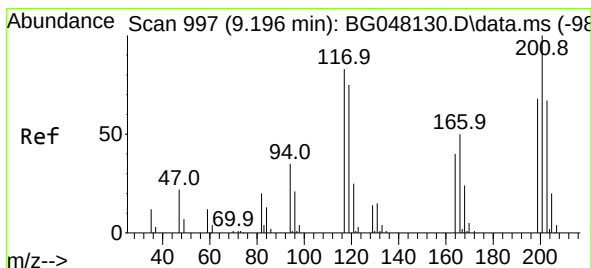
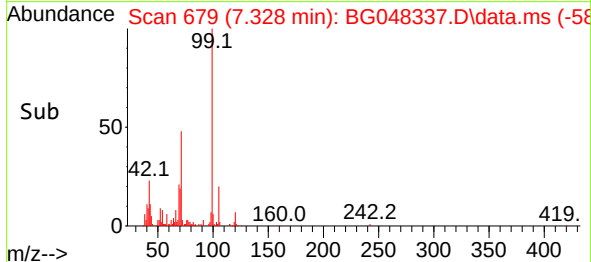
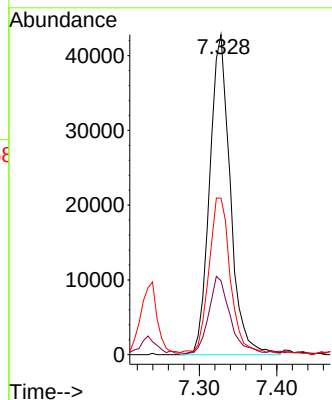
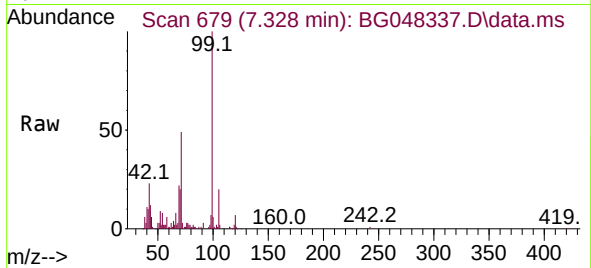




#7
Phenol-d6
Concen: 18.54 ng
RT: 7.328 min Scan# 679
Delta R.T. 0.013 min
Lab File: BG048337.D
Acq: 4 Mar 2021 20:50

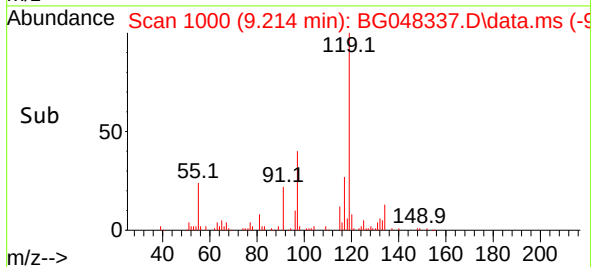
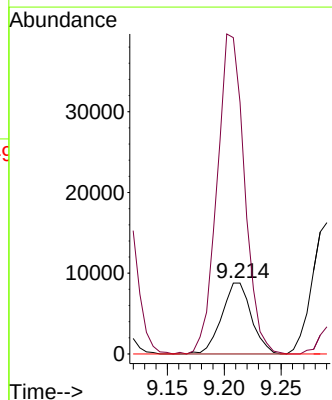
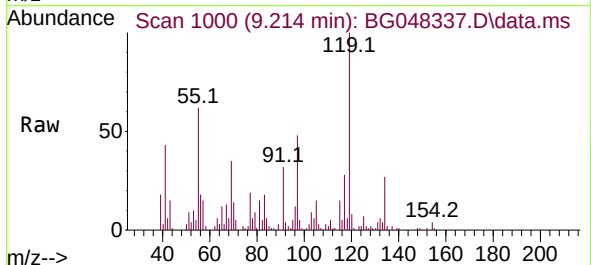
Instrument :
BNA_G
ClientSampleId :
PR-01-030221

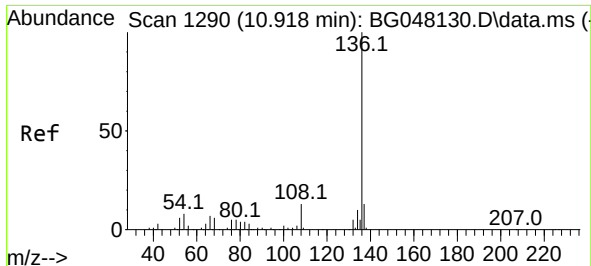
Tgt Ion: 99 Resp: 78968
Ion Ratio Lower Upper
99 100
42 23.1 12.8 19.2#
71 48.9 24.6 36.8#



#18
Hexachloroethane
Concen: 11.63 ng
RT: 9.214 min Scan# 1000
Delta R.T. 0.031 min
Lab File: BG048337.D
Acq: 4 Mar 2021 20:50

Tgt Ion: 117 Resp: 15911
Ion Ratio Lower Upper
117 100
119 354.6 77.5 116.3#
201 0.0 104.9 157.3#

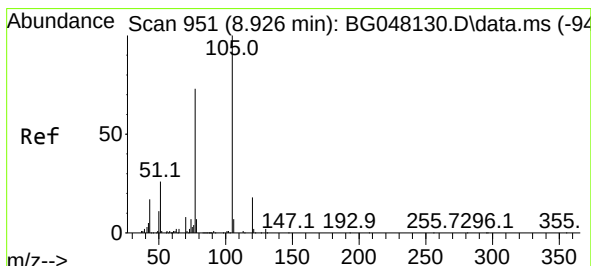
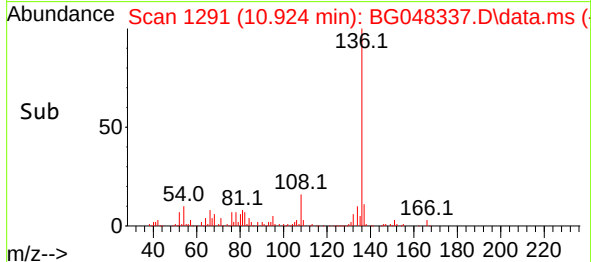
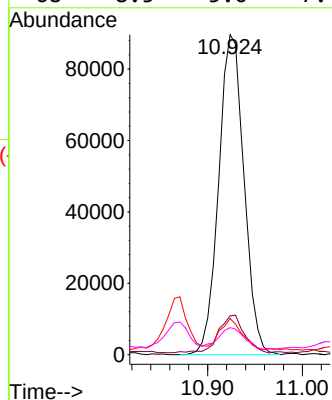
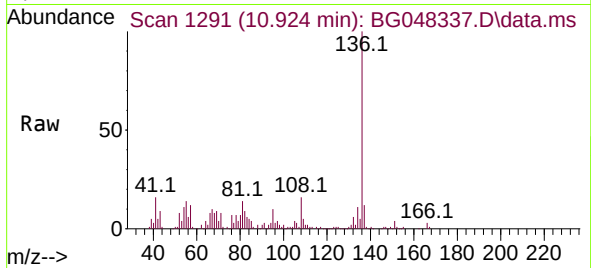




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.924 min Scan# 1291
Delta R.T. 0.001 min
Lab File: BG048337.D
Acq: 4 Mar 2021 20:50

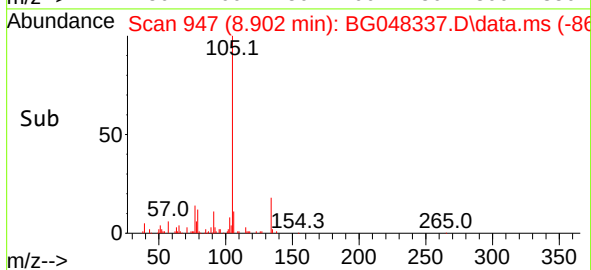
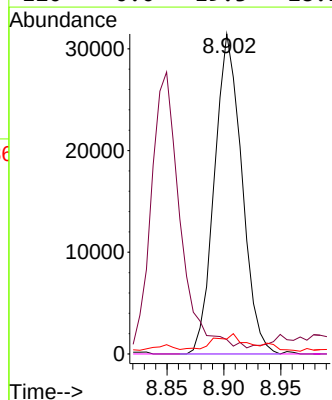
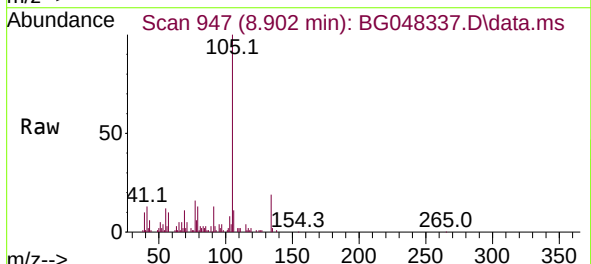
Instrument :
BNA_G
ClientSampleId :
PR-01-030221

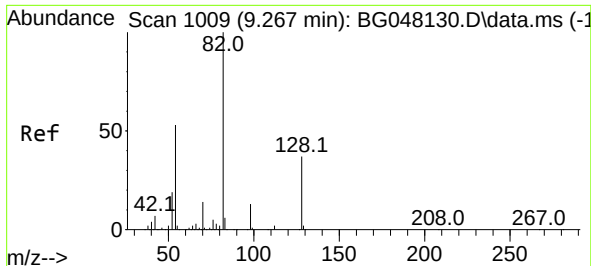
Tgt Ion:	136	Resp:	166472
Ion Ratio	Lower	Upper	
136	100		
137	12.2	9.1	13.7
54	11.3	6.2	9.4#
68	8.5	5.0	7.4#



#22
Acetophenone
Concen: 11.01 ng
RT: 8.902 min Scan# 947
Delta R.T. -0.034 min
Lab File: BG048337.D
Acq: 4 Mar 2021 20:50

Tgt Ion:	105	Resp:	52610
Ion Ratio	Lower	Upper	
105	100		
71	4.5	2.7	4.1#
51	4.7	21.0	31.6#
120	0.0	19.3	28.9#

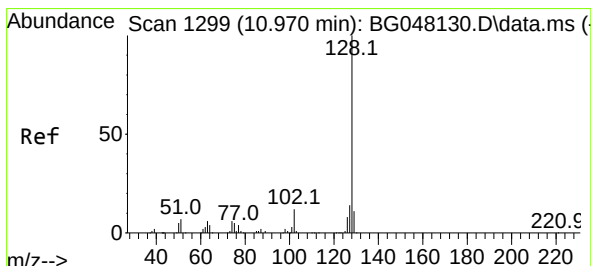
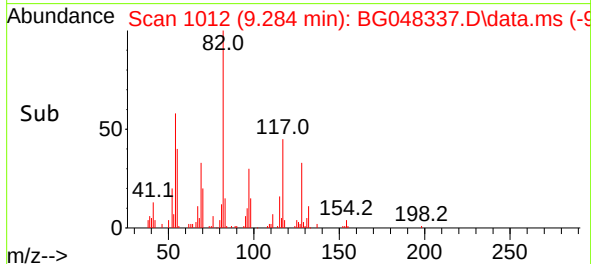
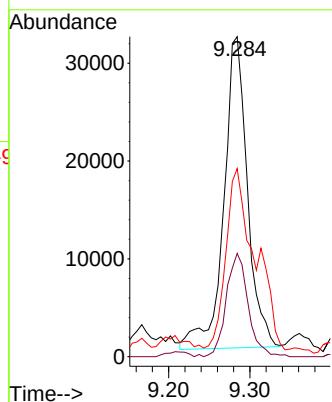
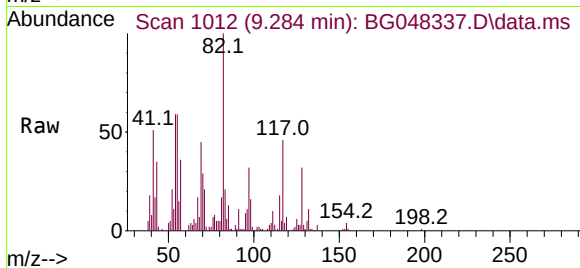




#23
Nitrobenzene-d5
Concen: 16.40 ng
RT: 9.284 min Scan# 1012
Delta R.T. 0.001 min
Lab File: BG048337.D
Acq: 4 Mar 2021 20:50

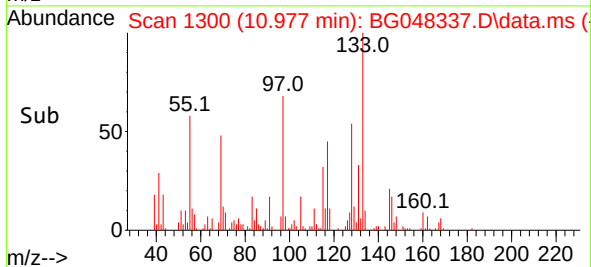
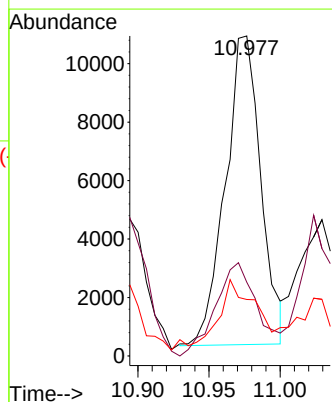
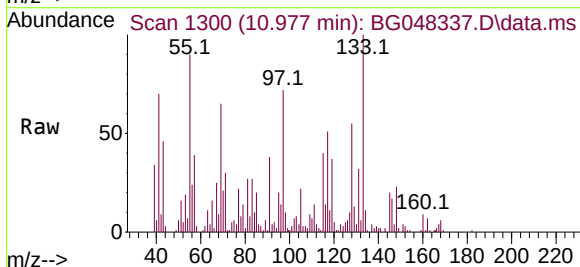
Instrument :
BNA_G
ClientSampleId :
PR-01-030221

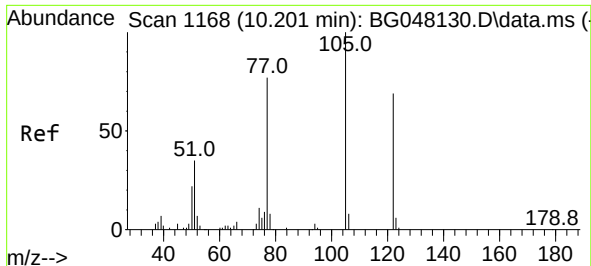
Tgt Ion: 82 Resp: 64525
Ion Ratio Lower Upper
82 100
128 32.3 37.0 55.6#
54 58.8 39.0 58.4#



#31
Naphthalene
Concen: 2.00 ng
RT: 10.977 min Scan# 1300
Delta R.T. 0.001 min
Lab File: BG048337.D
Acq: 4 Mar 2021 20:50

Tgt Ion: 128 Resp: 18386
Ion Ratio Lower Upper
128 100
129 23.1 9.0 13.6#
127 17.6 11.0 16.4#

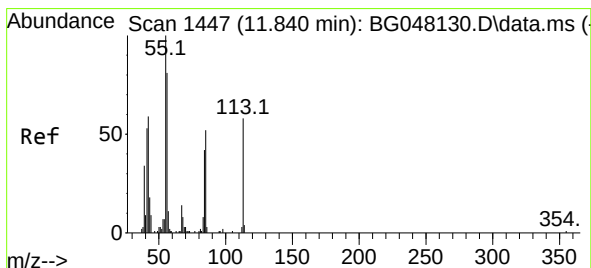
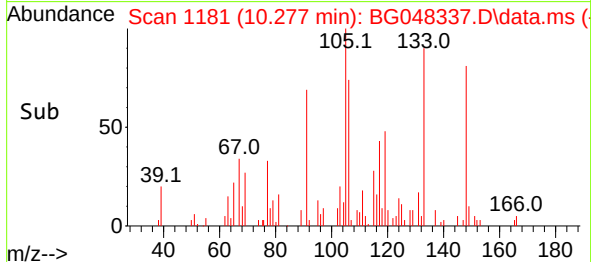
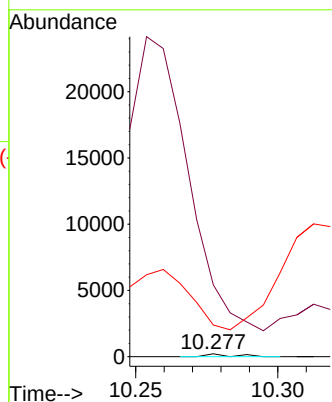
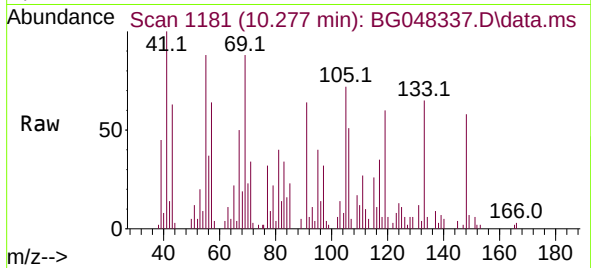




#32
Benzoic acid
Concen: 4.20 ng
RT: 10.277 min Scan# 1181
Delta R.T. -0.010 min
Lab File: BG048337.D
Acq: 4 Mar 2021 20:50

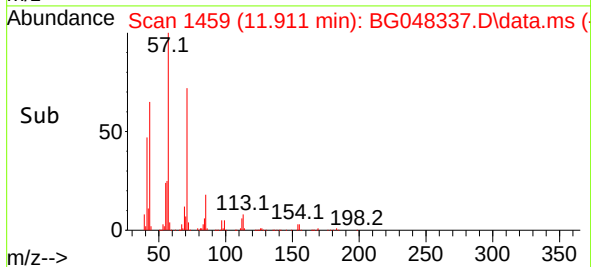
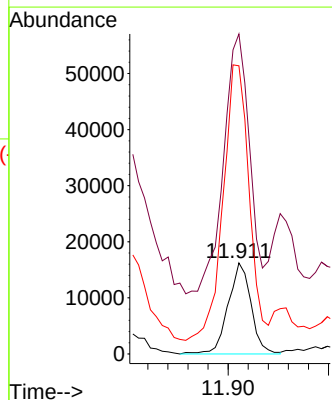
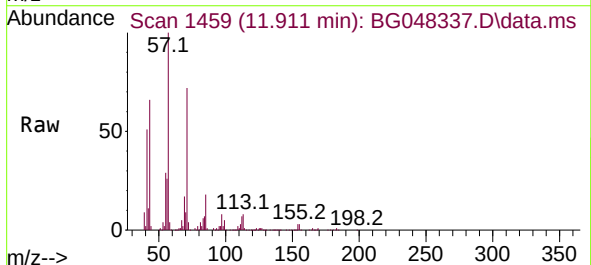
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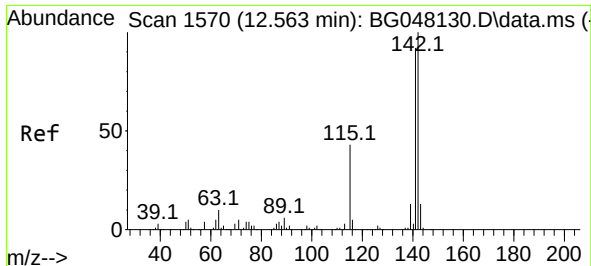
Tgt Ion:122 Resp: 132
Ion Ratio Lower Upper
122 100
105 2536.4 103.7 143.7#
77 1116.4 63.0 103.0#



#35
Caprolactam
Concen: 24.34 ng
RT: 11.911 min Scan# 1459
Delta R.T. 0.031 min
Lab File: BG048337.D
Acq: 4 Mar 2021 20:50

Tgt Ion:113 Resp: 25776
Ion Ratio Lower Upper
113 100
55 351.5 149.2 189.2#
56 316.5 107.2 147.2#

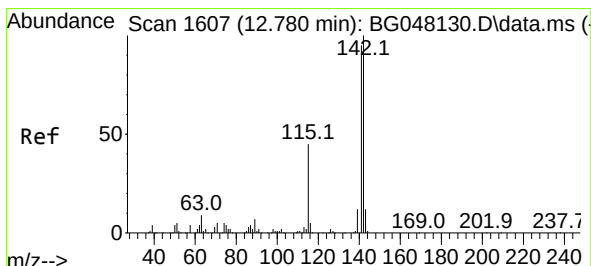
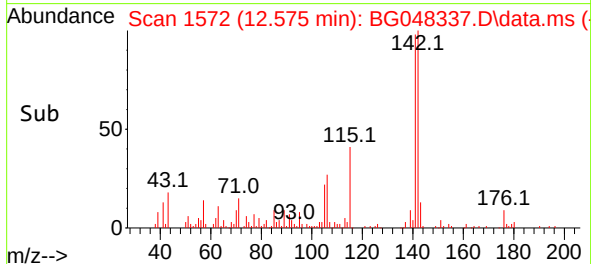
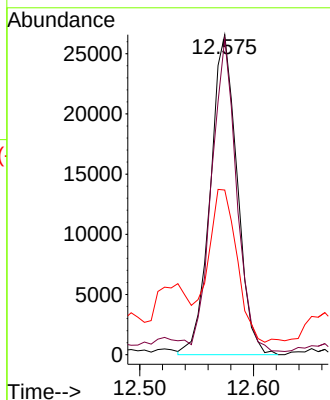
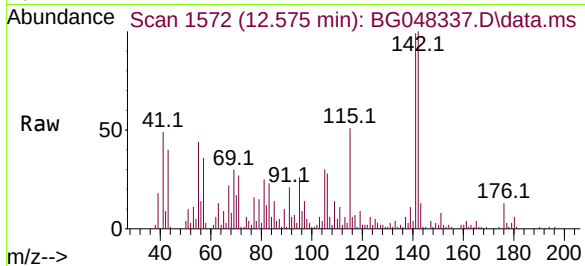




#37
2-Methylnaphthalene
Concen: 6.07 ng
RT: 12.575 min Scan# 1572
Delta R.T. 0.001 min
Lab File: BG048337.D
Acq: 4 Mar 2021 20:50

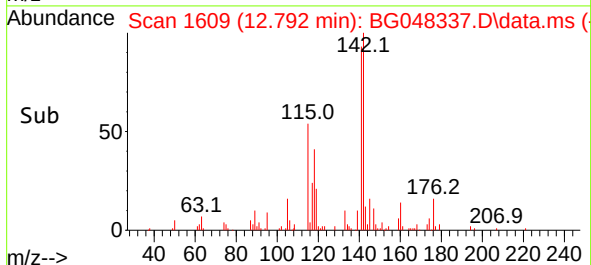
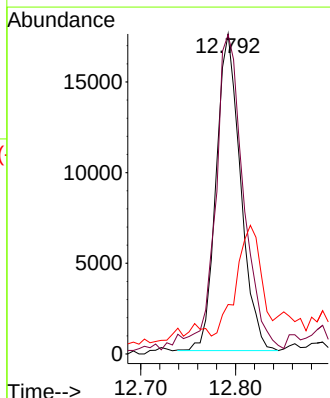
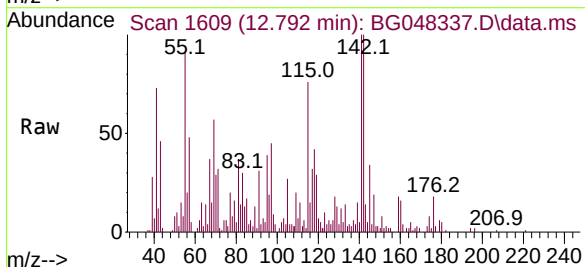
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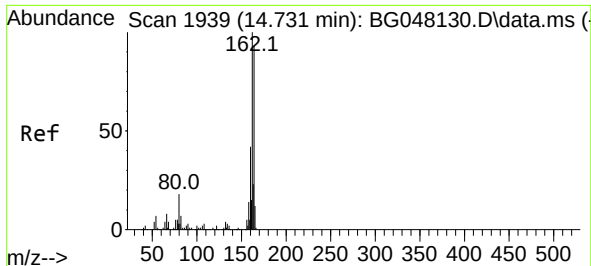
Tgt Ion:142 Resp: 43386
Ion Ratio Lower Upper
142 100
141 98.7 71.6 107.4
115 51.4 25.4 38.2#



#38
1-Methylnaphthalene
Concen: 4.63 ng
RT: 12.792 min Scan# 1609
Delta R.T. 0.001 min
Lab File: BG048337.D
Acq: 4 Mar 2021 20:50

Tgt Ion:142 Resp: 31284
Ion Ratio Lower Upper
142 100
141 99.8 75.4 113.2
116 15.4 2.9 4.3#

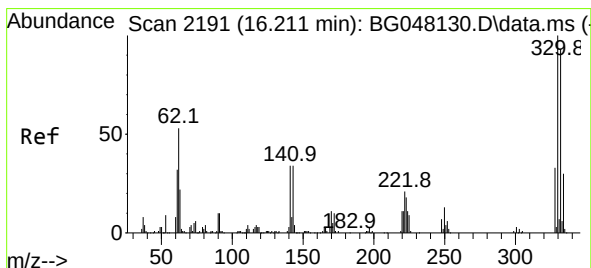
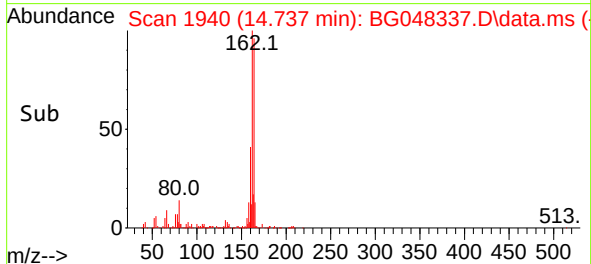
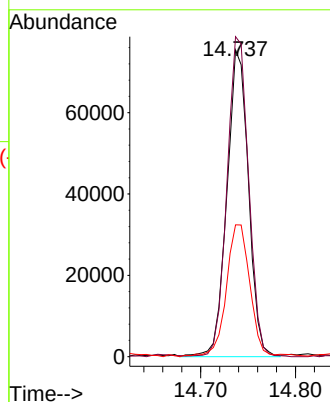
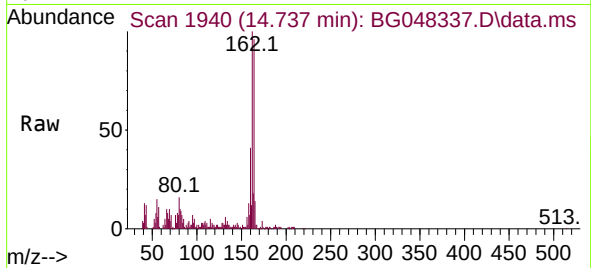




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.737 min Scan# 1940
Delta R.T. 0.001 min
Lab File: BG048337.D
Acq: 4 Mar 2021 20:50

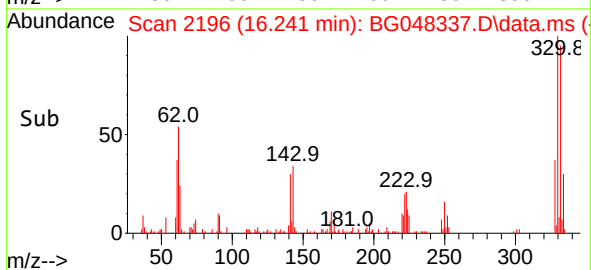
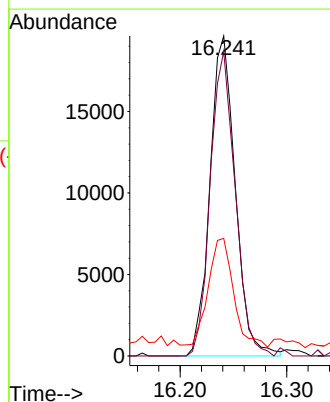
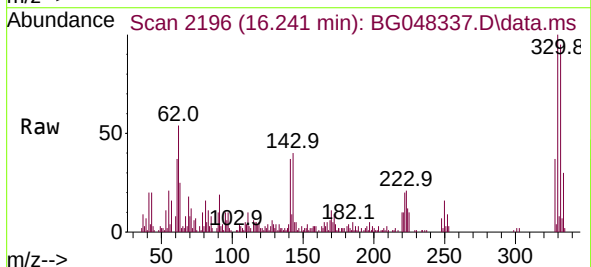
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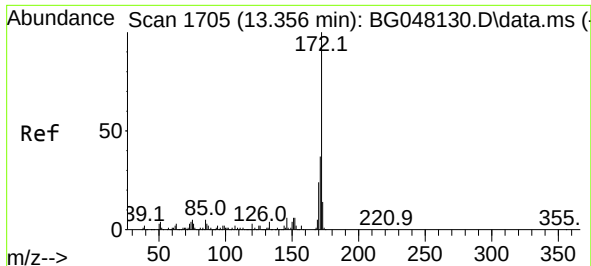
Tgt Ion:164 Resp: 119473
Ion Ratio Lower Upper
164 100
162 104.3 82.3 123.5
160 43.0 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 16.93 ng
RT: 16.241 min Scan# 2196
Delta R.T. 0.001 min
Lab File: BG048337.D
Acq: 4 Mar 2021 20:50

Tgt Ion:330 Resp: 32360
Ion Ratio Lower Upper
330 100
332 93.5 76.5 114.7
141 35.2 26.0 39.0

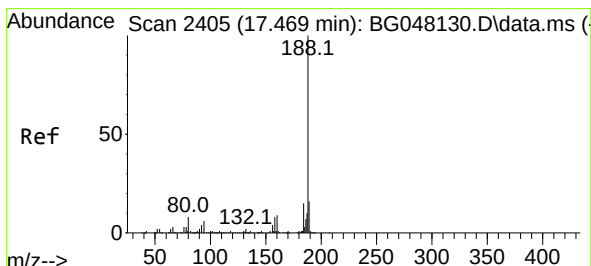
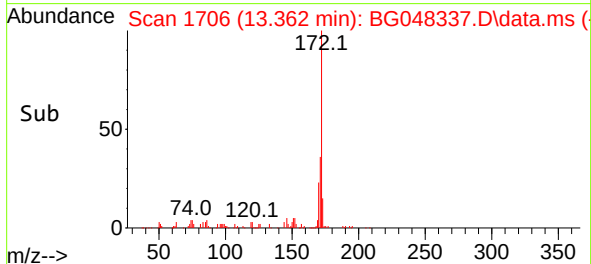
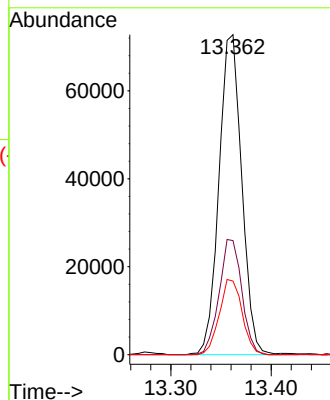
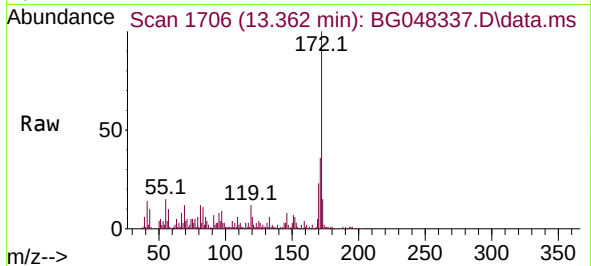




#45
2-Fluorobiphenyl
Concen: 13.43 ng
RT: 13.362 min Scan# 1706
Delta R.T. 0.001 min
Lab File: BG048337.D
Acq: 4 Mar 2021 20:50

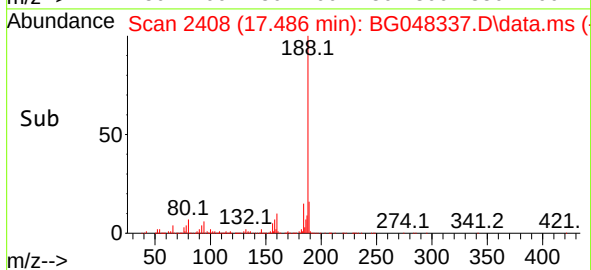
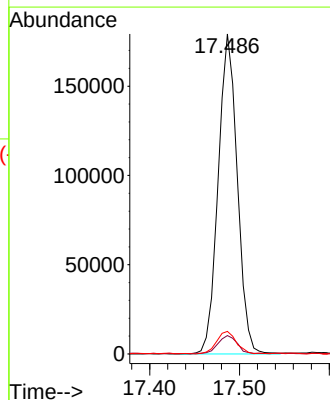
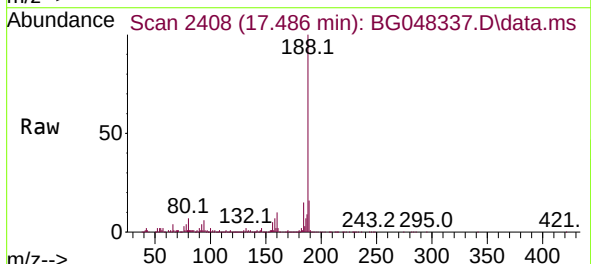
Instrument :
BNA_G
ClientSampleId :
PR-01-030221

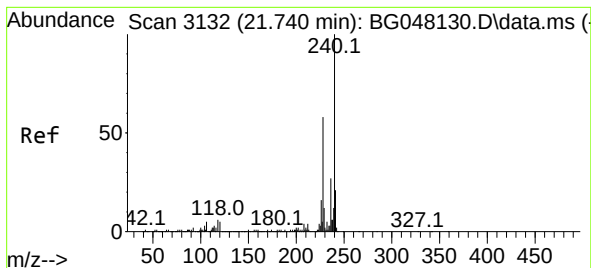
Tgt Ion:172 Resp: 114416
Ion Ratio Lower Upper
172 100
171 35.7 31.3 46.9
170 23.0 20.8 31.2



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.486 min Scan# 2408
Delta R.T. 0.001 min
Lab File: BG048337.D
Acq: 4 Mar 2021 20:50

Tgt Ion:188 Resp: 265093
Ion Ratio Lower Upper
188 100
94 5.8 6.3 9.5#
80 7.1 7.0 10.6

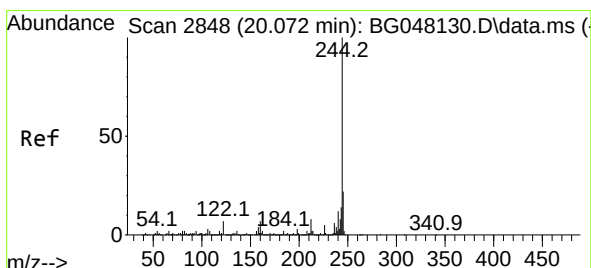
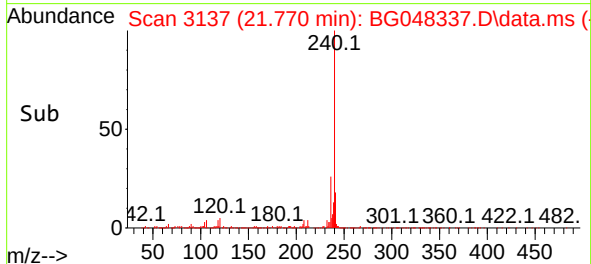
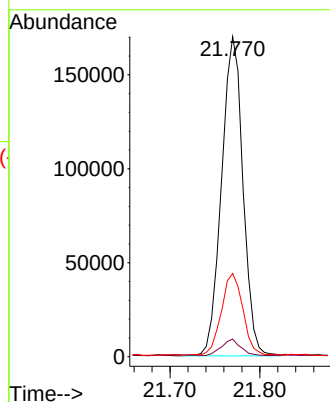
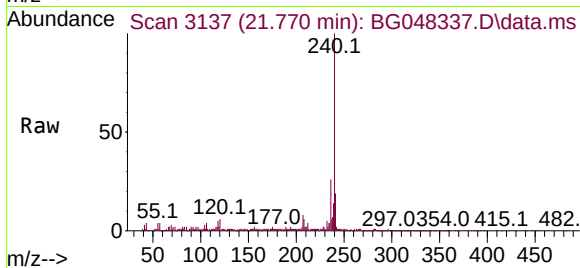




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.770 min Scan# 3137
Delta R.T. 0.001 min
Lab File: BG048337.D
Acq: 4 Mar 2021 20:50

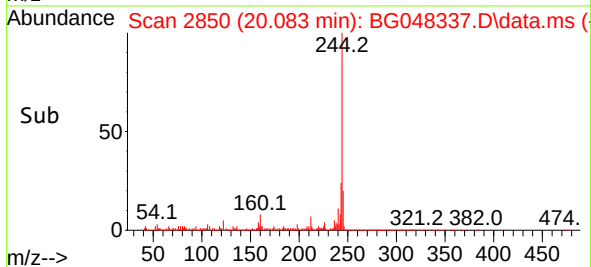
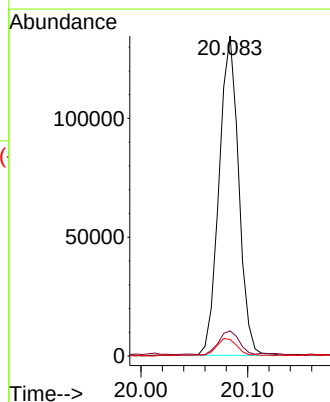
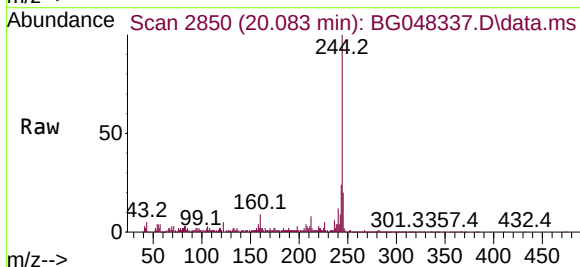
Instrument :
BNA_G
ClientSampleId :
PR-01-030221

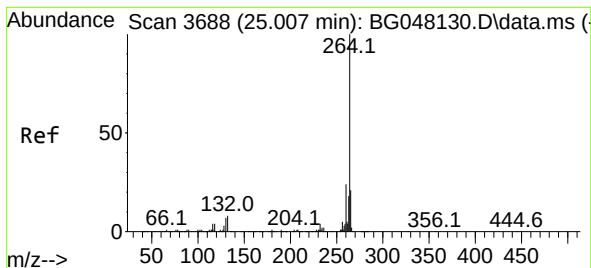
Tgt Ion:240 Resp: 281281
Ion Ratio Lower Upper
240 100
120 5.5 6.2 9.4#
236 26.0 20.5 30.7



#79
Terphenyl-d14
Concen: 11.14 ng
RT: 20.083 min Scan# 2850
Delta R.T. 0.001 min
Lab File: BG048337.D
Acq: 4 Mar 2021 20:50

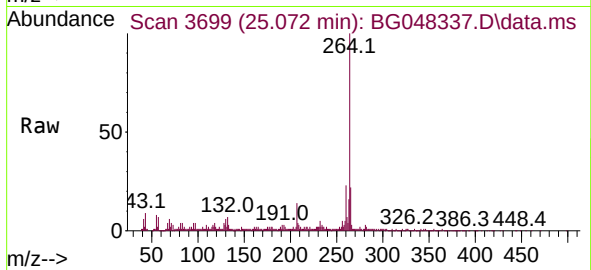
Tgt Ion:244 Resp: 171498
Ion Ratio Lower Upper
244 100
212 7.9 6.7 10.1
122 5.1 7.8 11.6#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.072 min Scan# 3699
 Delta R.T. 0.007 min
 Lab File: BG048337.D
 Acq: 4 Mar 2021 20:50

Instrument :
 BNA_G
 ClientSampleId :
 PR-01-030221



Tgt Ion:264 Resp: 275966
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.8 28.2
 265 22.1 17.8 26.8

