

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031921\
 Data File : BG048425.D
 Acq On : 19 Mar 2021 15:43
 Operator : CG/JU
 Sample : M1707-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ELEVATOR-511-EL-167-162

Quant Time: Mar 19 16:28:17 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 18 16:38:55 2021
 Response via : Initial Calibration

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

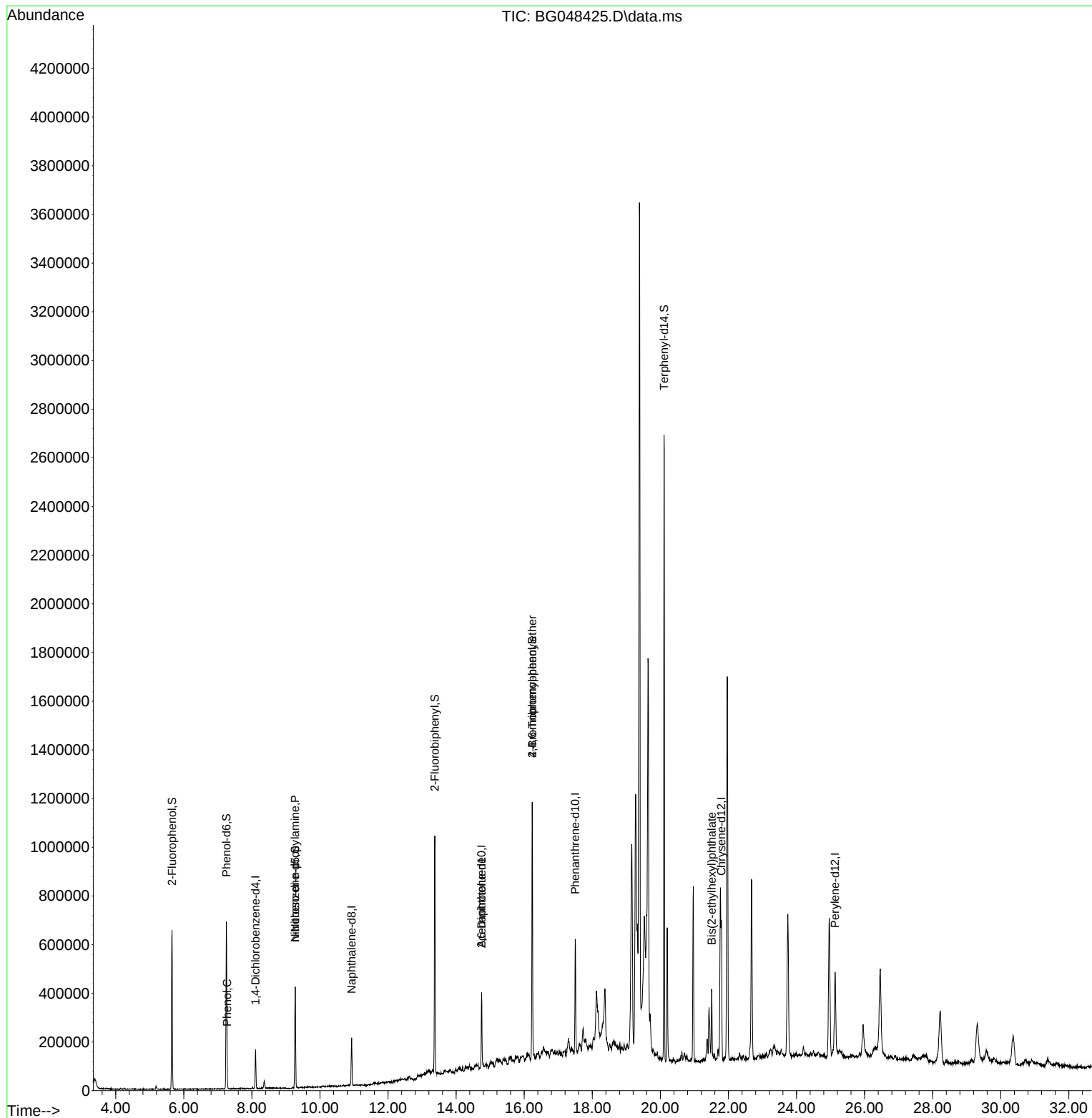
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.111	152	42268	20.00	ng	0.00
21) Naphthalene-d8	10.931	136	148204	20.00	ng	# 0.00
39) Acenaphthene-d10	14.750	164	108749	20.00	ng	0.00
64) Phenanthrene-d10	17.500	188	293064	20.00	ng	# 0.00
76) Chrysene-d12	21.795	240	358009	20.00	ng	# 0.00
86) Perylene-d12	25.132	264	383553	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.655	112	249914	97.78	ng	0.00
7) Phenol-d6	7.253	99	345538	92.91	ng	0.00
23) Nitrobenzene-d5	9.274	82	253696	68.44	ng	0.00
42) 2,4,6-Tribromophenol	16.237	330	189676	107.25	ng	0.00
45) 2-Fluorobiphenyl	13.375	172	486848	64.40	ng	0.00
79) Terphenyl-d14	20.108	244	1185303	59.71	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.259	77	1260	Below Cal	#	18
10) Phenol	7.276	94	8175	2.15	ng	# 68
19) n-Nitroso-di-n-propyla...	9.274	70	38435	13.92	ng	# 77
51) 2,6-Dinitrotoluene	14.750	165	15173	7.97	ng	# 36
67) 4-Bromophenyl-phenylether	16.237	248	13193	3.57	ng	# 1
84) Bis(2-ethylhexyl)phtha...	21.507	149	113558	9.40	ng	# 50

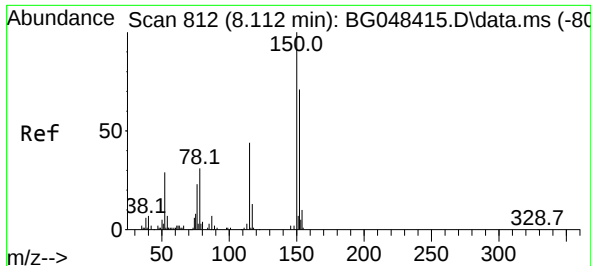
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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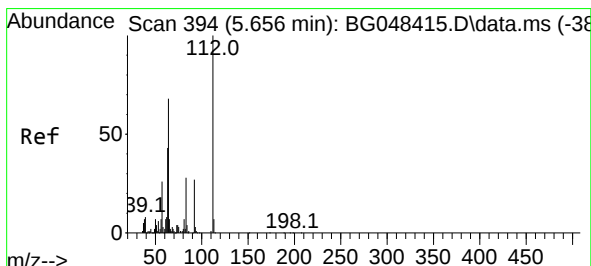
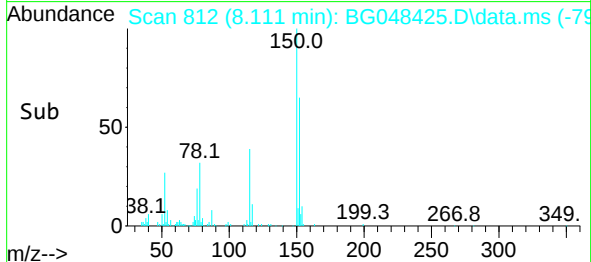
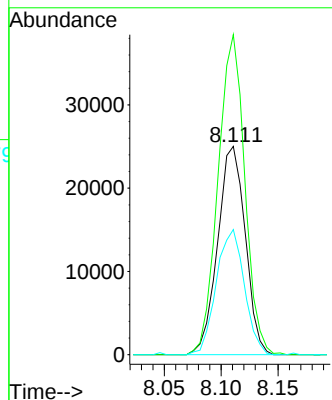
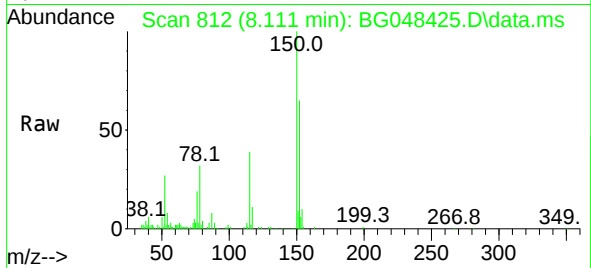




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.111 min Scan# 812
Delta R.T. -0.001 min
Lab File: BG048425.D
Acq: 19 Mar 2021 15:43

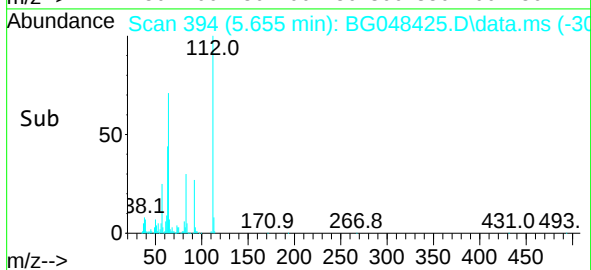
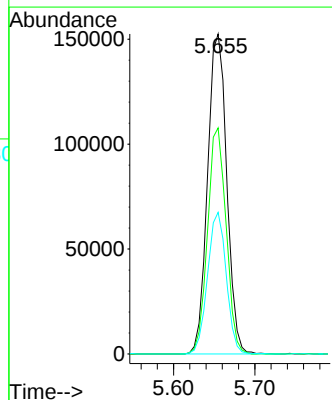
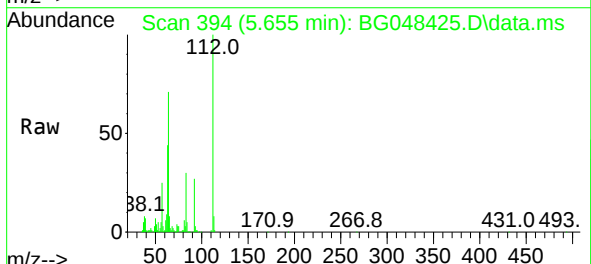
Instrument :
BNA_G
ClientSampleId :
ELEVATOR-511-EL-167-162

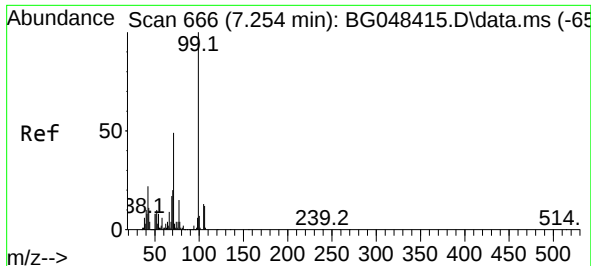
Tgt Ion:152 Resp: 42268
Ion Ratio Lower Upper
152 100
150 153.7 125.0 187.6
115 60.1 41.8 62.6



#5
2-Fluorophenol
Concen: 97.78 ng
RT: 5.655 min Scan# 394
Delta R.T. -0.001 min
Lab File: BG048425.D
Acq: 19 Mar 2021 15:43

Tgt Ion:112 Resp: 249914
Ion Ratio Lower Upper
112 100
64 70.7 46.7 70.1#
63 44.2 22.8 34.2#

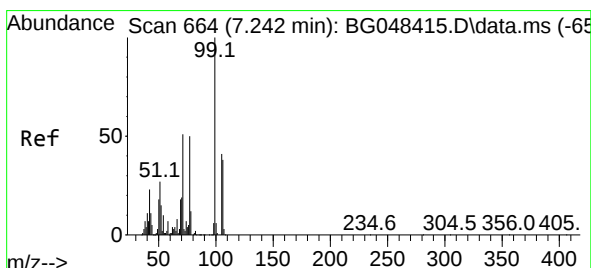
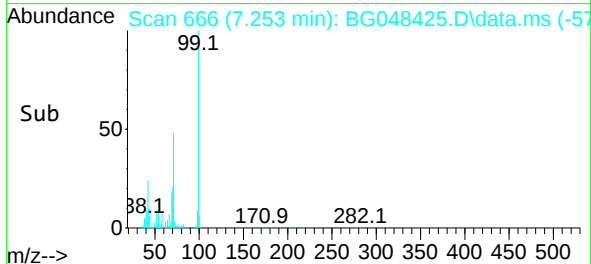
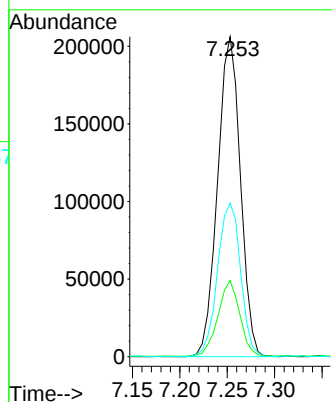
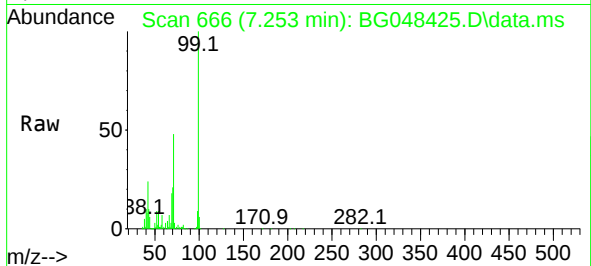




#7
Phenol-d6
Concen: 92.91 ng
RT: 7.253 min Scan# 666
Delta R.T. -0.001 min
Lab File: BG048425.D
Acq: 19 Mar 2021 15:43

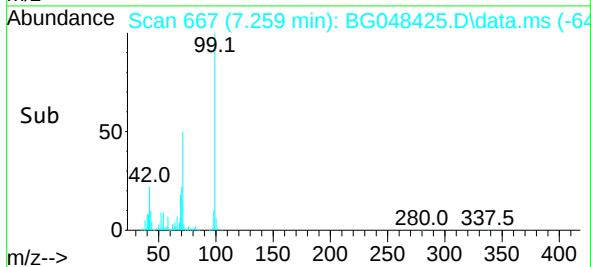
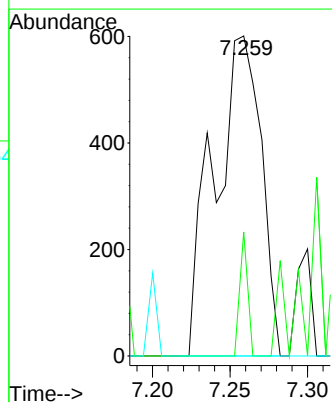
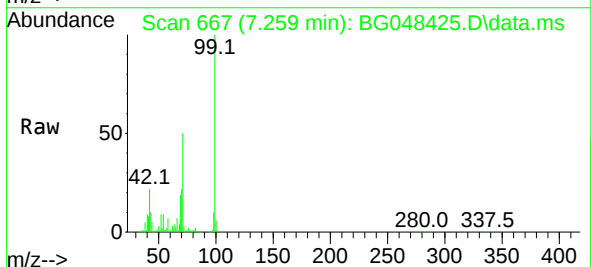
Instrument :
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ClientSampleId :
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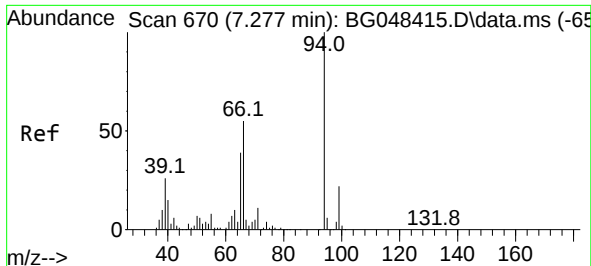
Tgt Ion: 99 Resp: 345538
Ion Ratio Lower Upper
99 100
42 23.8 12.8 19.2#
71 48.0 24.6 36.8#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.259 min Scan# 667
Delta R.T. 0.017 min
Lab File: BG048425.D
Acq: 19 Mar 2021 15:43

Tgt Ion: 77 Resp: 1260
Ion Ratio Lower Upper
77 100
105 38.8 85.9 125.9#
106 0.0 80.9 120.9#

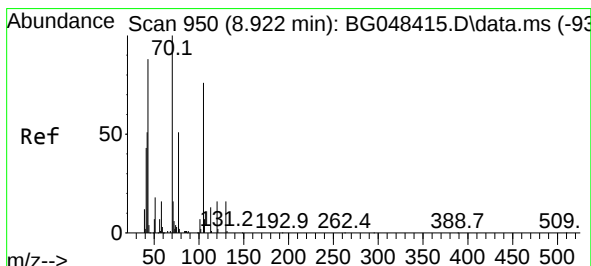
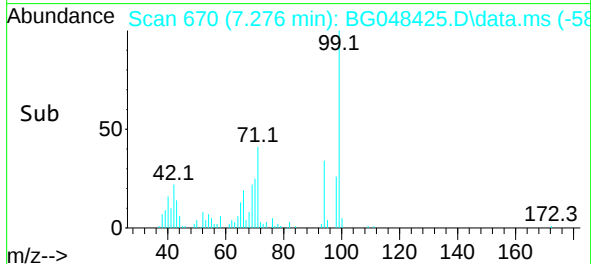
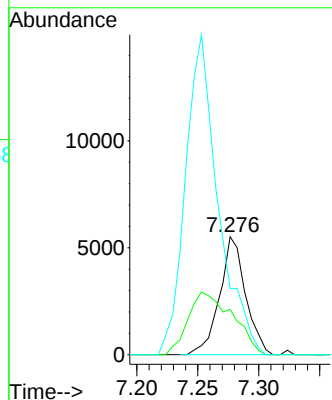
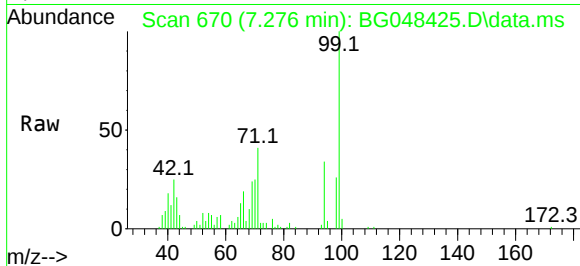




#10
Phenol
Concen: 2.15 ng
RT: 7.276 min Scan# 670
Delta R.T. -0.001 min
Lab File: BG048425.D
Acq: 19 Mar 2021 15:43

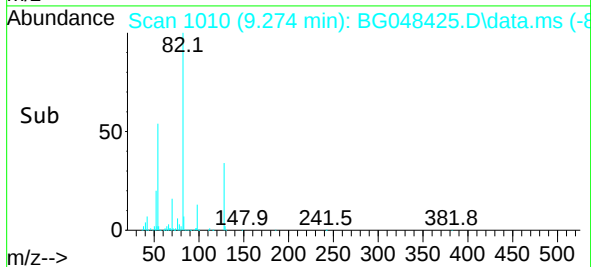
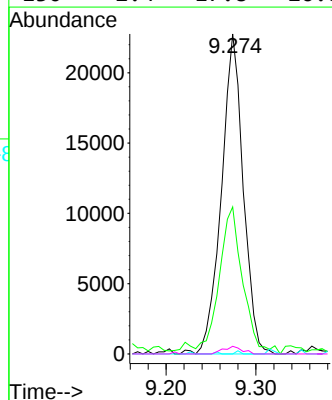
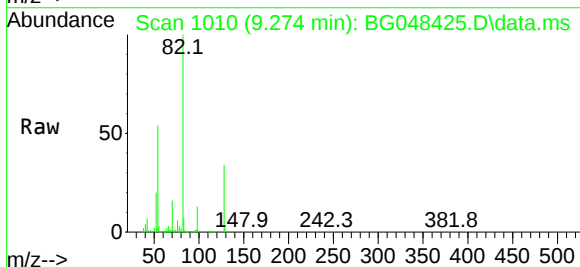
Instrument :
BNA_G
ClientSampleId :
ELEVATOR-511-EL-167-162

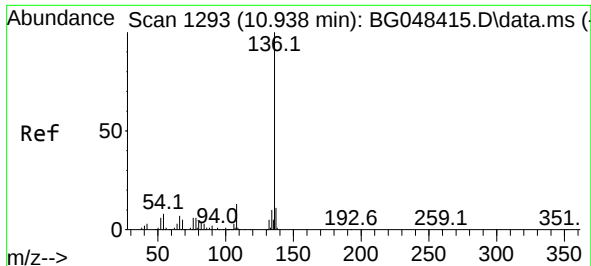
Tgt Ion: 94	Resp:	8175
Ion Ratio	Lower	Upper
94	100	
65	38.4	6.6 46.6
66	56.3	13.9 53.9#



#19
n-Nitroso-di-n-propylamine
Concen: 13.92 ng
RT: 9.274 min Scan# 1010
Delta R.T. 0.352 min
Lab File: BG048425.D
Acq: 19 Mar 2021 15:43

Tgt Ion: 70	Resp:	38435
Ion Ratio	Lower	Upper
70	100	
42	45.9	45.6 68.4
101	0.0	8.4 12.6#
130	2.4	17.8 26.8#

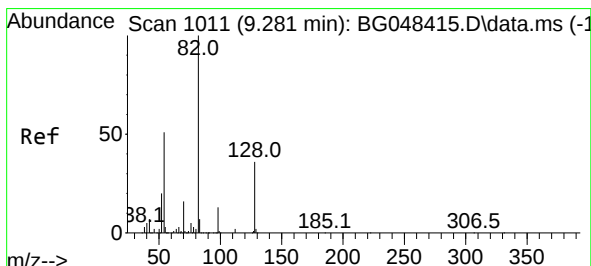
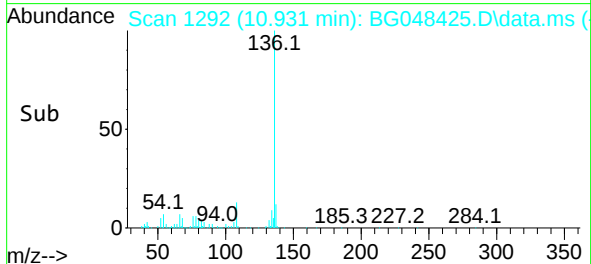
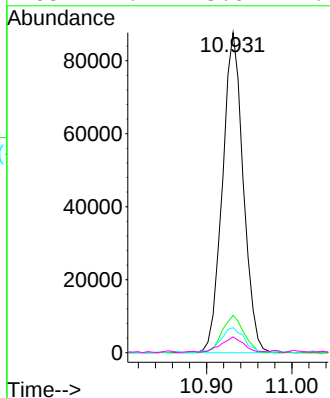
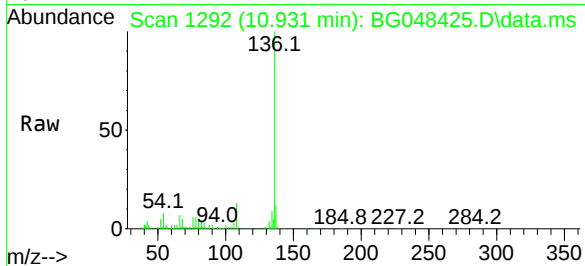




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.931 min Scan# 1292
Delta R.T. -0.007 min
Lab File: BG048425.D
Acq: 19 Mar 2021 15:43

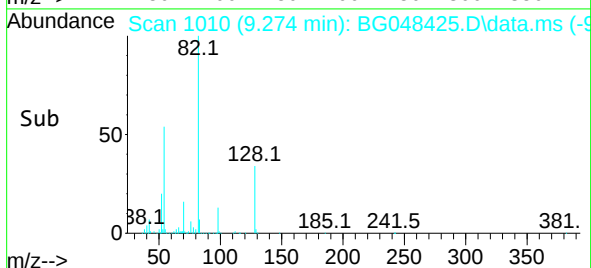
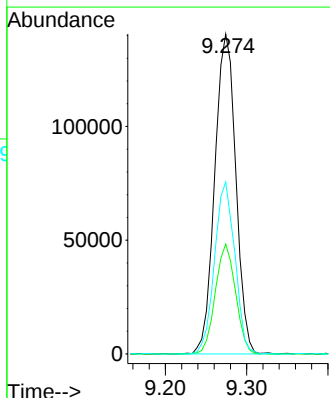
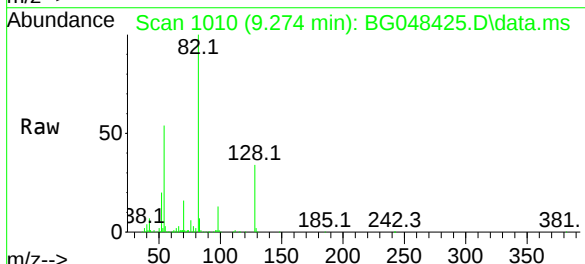
Instrument :
BNA_G
ClientSampleId :
ELEVATOR-511-EL-167-162

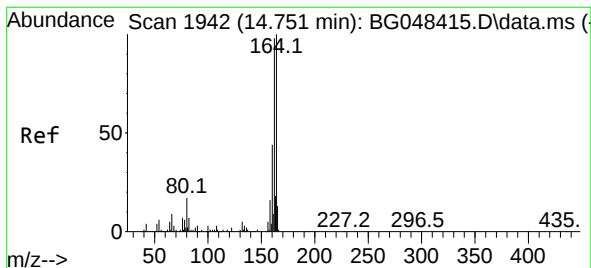
Tgt Ion:136	Resp: 148204
Ion Ratio	Lower Upper
136	100
137	11.7 9.1 13.7
54	7.8 6.2 9.4
68	4.9 5.0 7.4#



#23
Nitrobenzene-d5
Concen: 68.44 ng
RT: 9.274 min Scan# 1010
Delta R.T. -0.007 min
Lab File: BG048425.D
Acq: 19 Mar 2021 15:43

Tgt Ion: 82	Resp: 253696
Ion Ratio	Lower Upper
82	100
128	34.3 37.0 55.6#
54	53.7 39.0 58.4

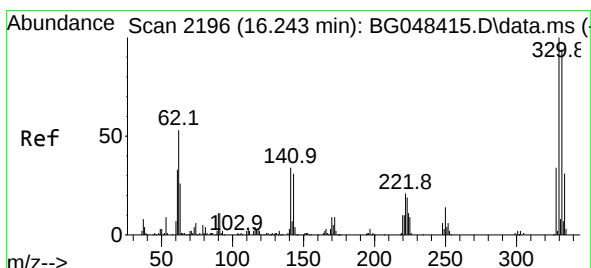
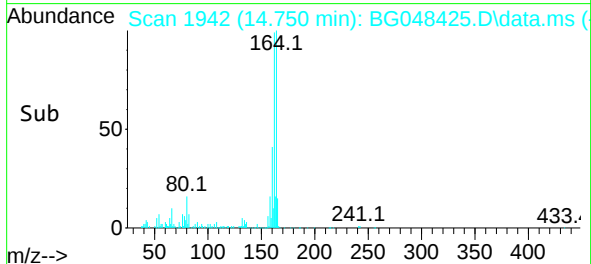
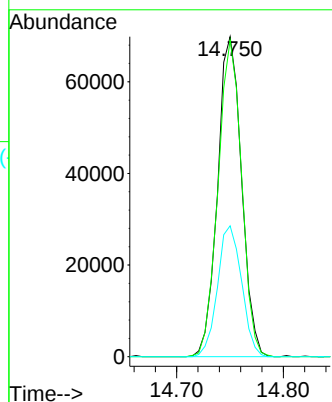
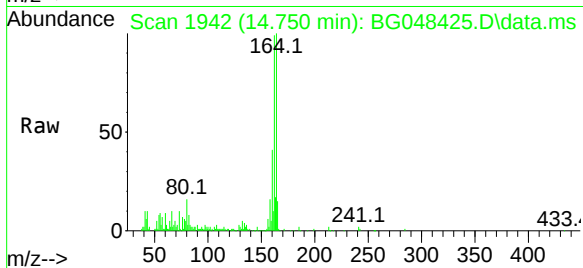




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.750 min Scan# 1942
Delta R.T. -0.001 min
Lab File: BG048425.D
Acq: 19 Mar 2021 15:43

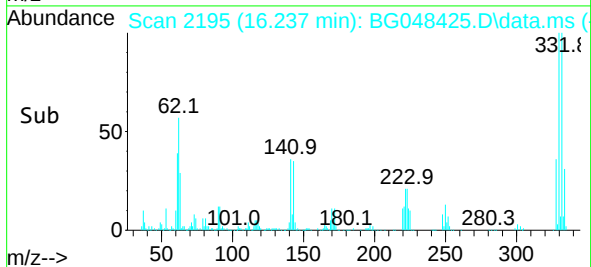
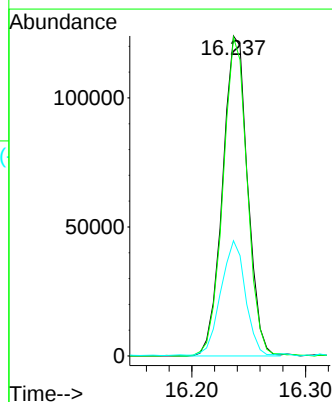
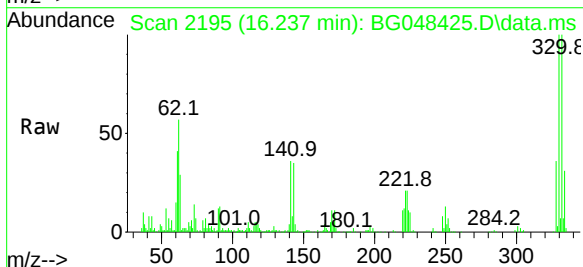
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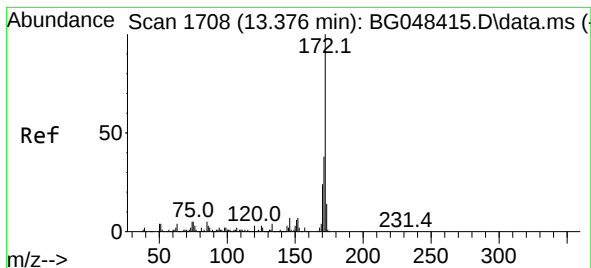
Tgt Ion:164 Resp: 108749
Ion Ratio Lower Upper
164 100
162 98.9 82.3 123.5
160 40.9 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 107.25 ng
RT: 16.237 min Scan# 2195
Delta R.T. -0.007 min
Lab File: BG048425.D
Acq: 19 Mar 2021 15:43

Tgt Ion:330 Resp: 189676
Ion Ratio Lower Upper
330 100
332 96.6 76.5 114.7
141 35.2 26.0 39.0

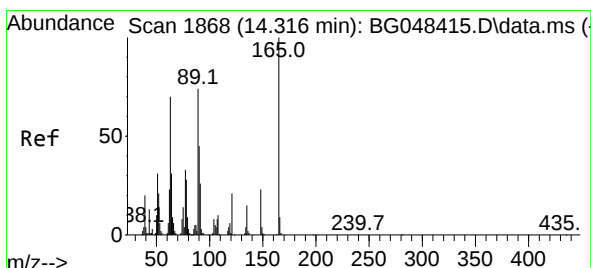
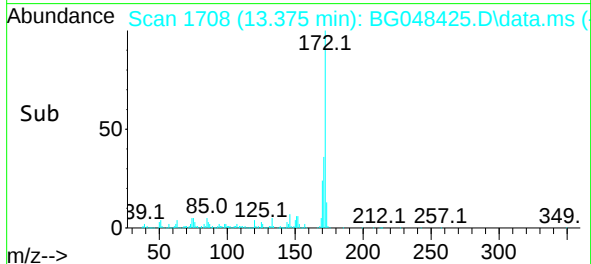
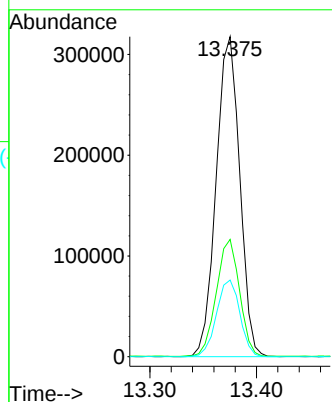
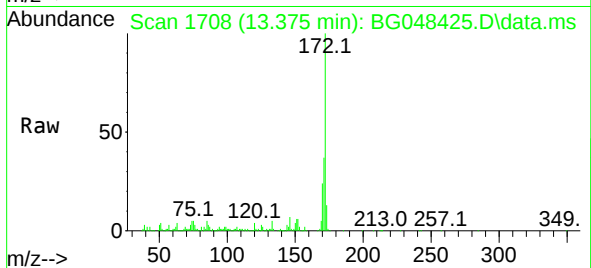




#45
2-Fluorobiphenyl
Concen: 64.40 ng
RT: 13.375 min Scan# 1708
Delta R.T. -0.001 min
Lab File: BG048425.D
Acq: 19 Mar 2021 15:43

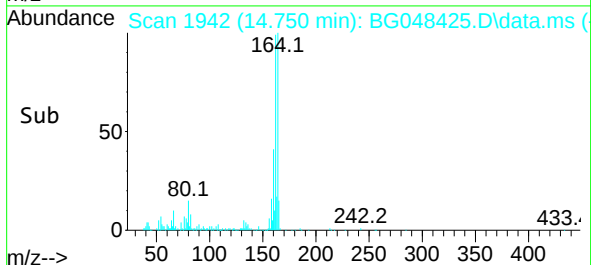
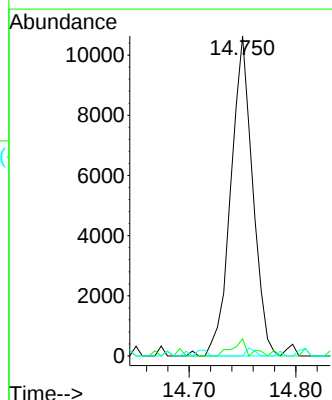
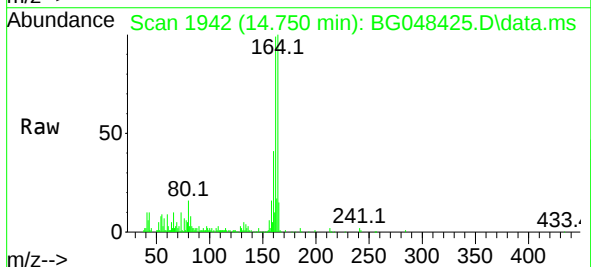
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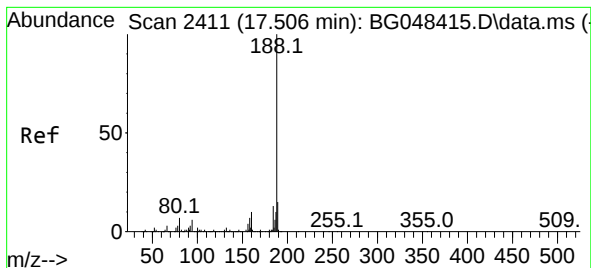
Tgt Ion:172 Resp: 486848
Ion Ratio Lower Upper
172 100
171 36.7 31.3 46.9
170 23.9 20.8 31.2



#51
2,6-Dinitrotoluene
Concen: 7.97 ng
RT: 14.750 min Scan# 1942
Delta R.T. 0.434 min
Lab File: BG048425.D
Acq: 19 Mar 2021 15:43

Tgt Ion:165 Resp: 15173
Ion Ratio Lower Upper
165 100
63 5.3 33.7 50.5#
89 0.0 36.6 54.8#

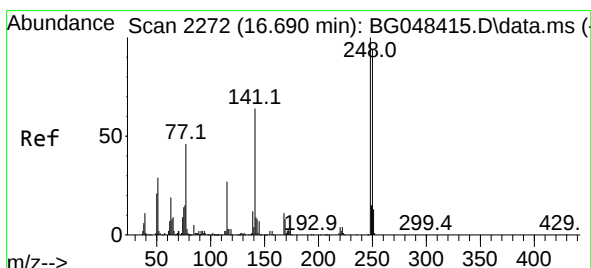
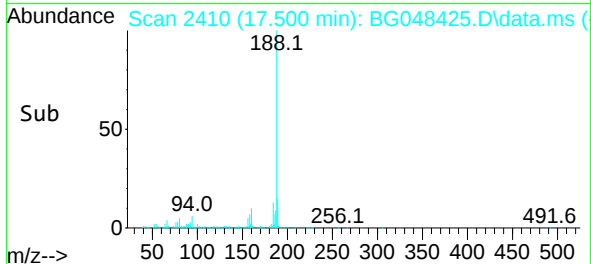
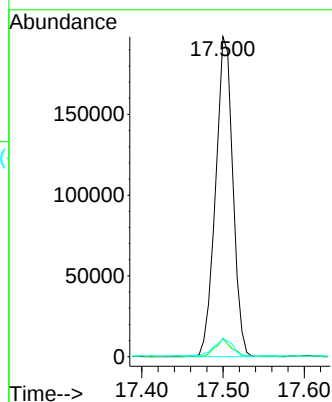
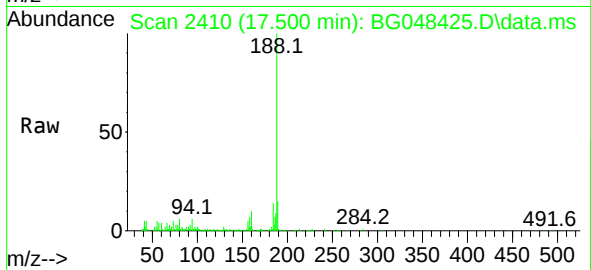




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.500 min Scan# 2410
Delta R.T. -0.007 min
Lab File: BG048425.D
Acq: 19 Mar 2021 15:43

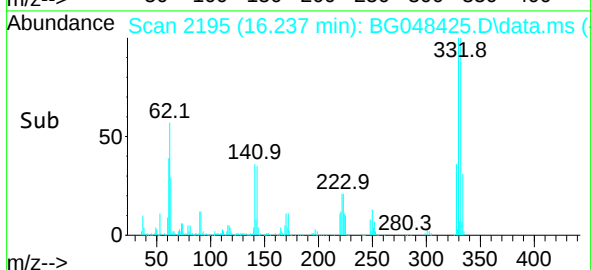
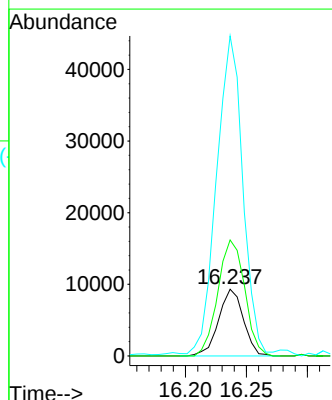
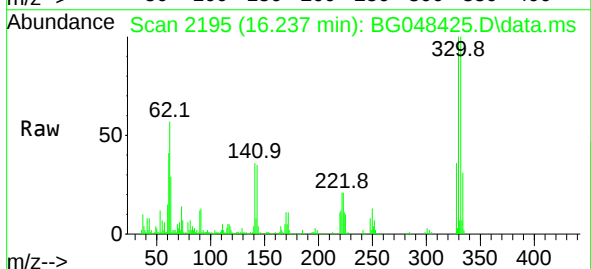
Instrument :
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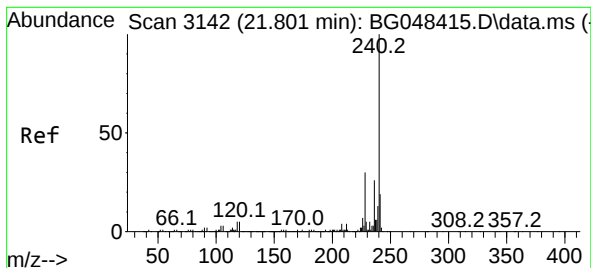
Tgt Ion:188 Resp: 293064
Ion Ratio Lower Upper
188 100
94 5.8 6.3 9.5#
80 5.6 7.0 10.6#



#67
4-Bromophenyl-phenylether
Concen: 3.57 ng
RT: 16.237 min Scan# 2195
Delta R.T. -0.453 min
Lab File: BG048425.D
Acq: 19 Mar 2021 15:43

Tgt Ion:248 Resp: 13193
Ion Ratio Lower Upper
248 100
250 173.8 78.9 118.3#
141 479.4 46.2 69.4#

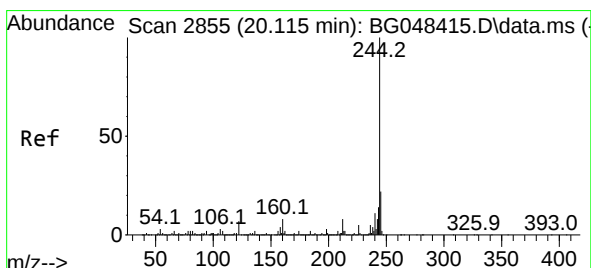
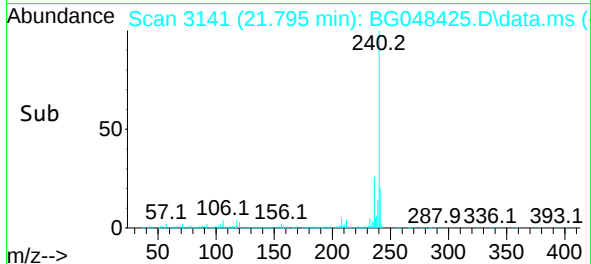
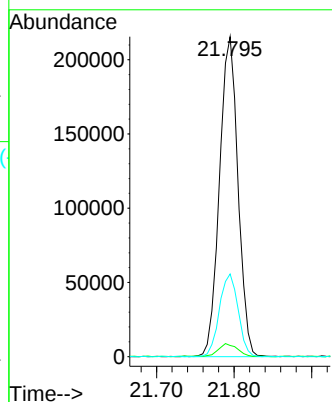
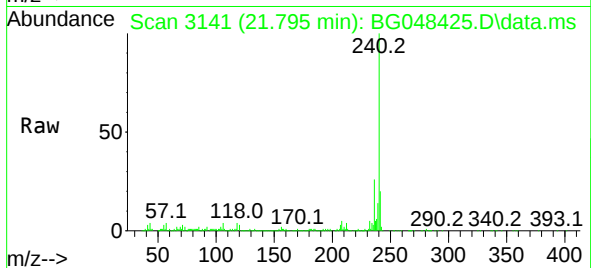




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.795 min Scan# 3141
Delta R.T. -0.007 min
Lab File: BG048425.D
Acq: 19 Mar 2021 15:43

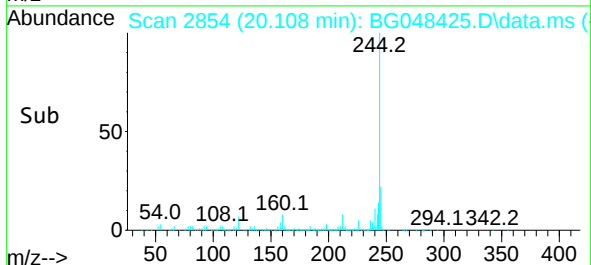
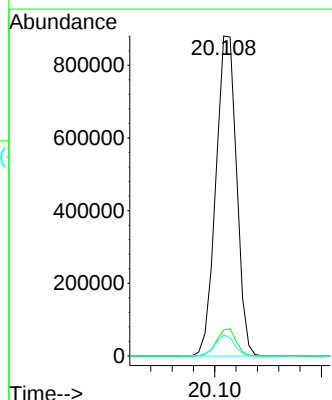
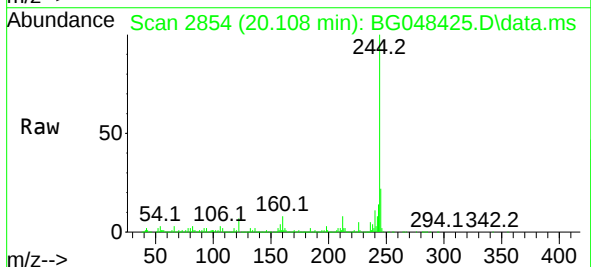
Instrument :
BNA_G
ClientSampleId :
ELEVATOR-511-EL-167-162

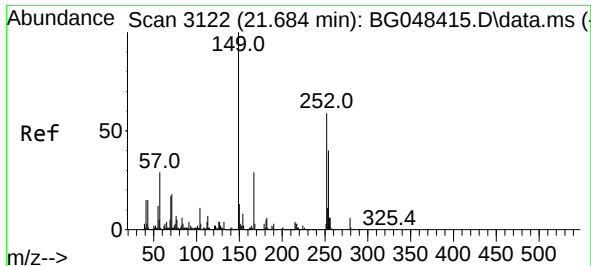
Tgt Ion:240 Resp: 358009
Ion Ratio Lower Upper
240 100
120 3.5 6.2 9.4#
236 25.9 20.5 30.7



#79
Terphenyl-d14
Concen: 59.71 ng
RT: 20.108 min Scan# 2854
Delta R.T. -0.007 min
Lab File: BG048425.D
Acq: 19 Mar 2021 15:43

Tgt Ion:244 Resp: 1185303
Ion Ratio Lower Upper
244 100
212 8.2 6.7 10.1
122 6.6 7.8 11.6#

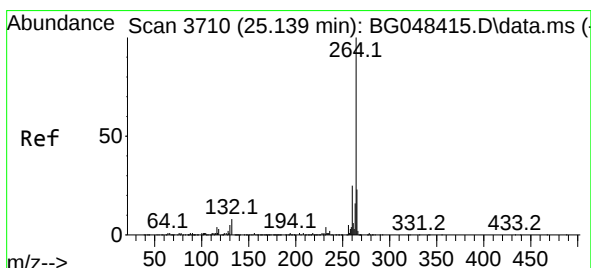
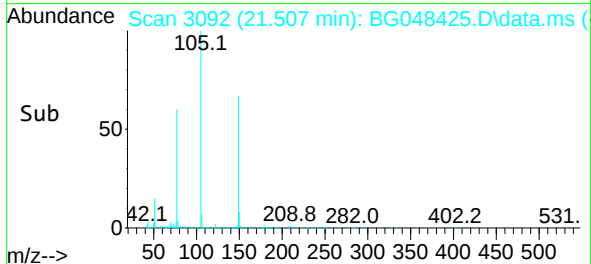
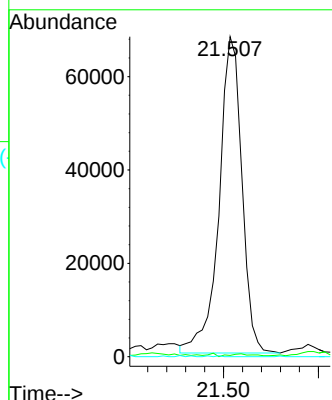
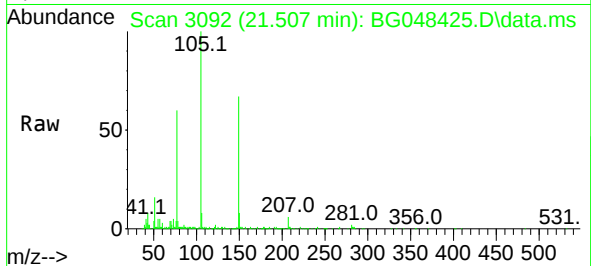




#84
Bis(2-ethylhexyl)phthalate
Concen: 9.40 ng
RT: 21.507 min Scan# 3092
Delta R.T. -0.177 min
Lab File: BG048425.D
Acq: 19 Mar 2021 15:43

Instrument :
BNA_G
ClientSampleId :
ELEVATOR-511-EL-167-162

Tgt Ion:149 Resp: 113558
Ion Ratio Lower Upper
149 100
167 0.4 24.8 37.2#
279 0.0 4.6 7.0#



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.132 min Scan# 3709
Delta R.T. -0.007 min
Lab File: BG048425.D
Acq: 19 Mar 2021 15:43

Tgt Ion:264 Resp: 383553
Ion Ratio Lower Upper
264 100
260 24.0 18.8 28.2
265 21.3 17.8 26.8

