

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030421\
 Data File : BG048329.D
 Acq On : 4 Mar 2021 15:23
 Operator : CG/JU
 Sample : M1507-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-41114-15

Quant Time: Mar 04 16:07:45 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)

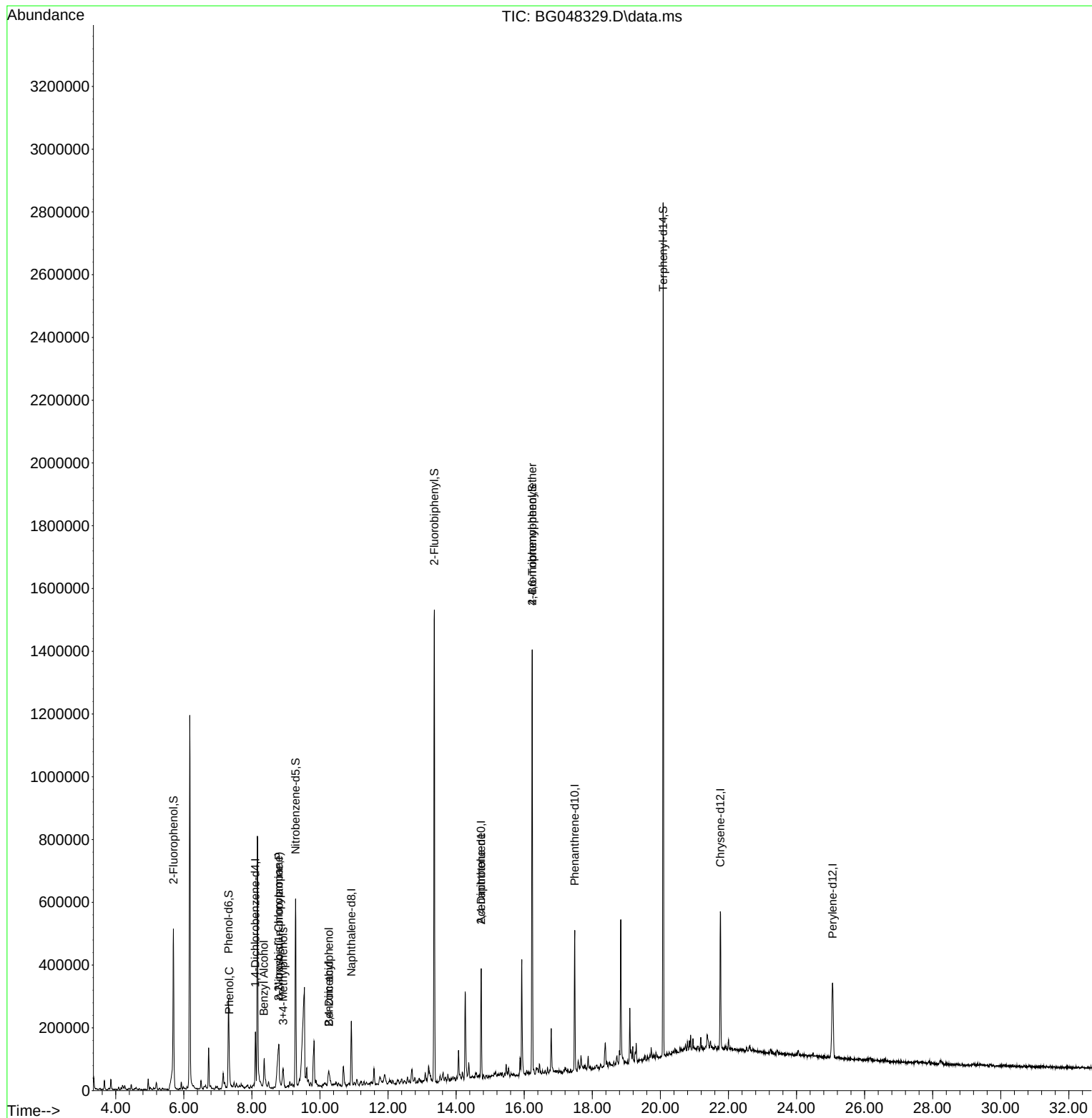
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.102	152	42856	20.00	ng	0.00
21) Naphthalene-d8	10.922	136	164452	20.00	ng	# 0.00
39) Acenaphthene-d10	14.735	164	118507	20.00	ng	0.00
64) Phenanthrene-d10	17.485	188	271883	20.00	ng	# 0.00
76) Chrysene-d12	21.762	240	290961	20.00	ng	# 0.00
86) Perylene-d12	25.059	264	276585	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.693	112	170740	67.82	ng	0.00
7) Phenol-d6	7.315	99	139151	36.38	ng	0.00
23) Nitrobenzene-d5	9.283	82	363866	93.59	ng	0.00
42) 2,4,6-Tribromophenol	16.234	330	248580	131.14	ng	0.00
45) 2-Fluorobiphenyl	13.361	172	754421	89.25	ng	0.00
79) Terphenyl-d14	20.082	244	1150730	72.27	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	7.338	94	23211	6.00	ng	# 57
15) Benzyl Alcohol	8.355	79	38301	11.36	ng	# 84
16) 2,2'-oxybis(1-Chloropr...	8.784	45	27478	7.03	ng	82
19) n-Nitroso-di-n-propyla...	8.795	70	14304	4.84	ng	# 15
20) 3+4-Methylphenols	8.919	107	14106	4.01	ng	# 77
27) 2,4-Dimethylphenol	10.258	122	16695	6.76	ng	# 4
32) Benzoic acid	10.258	122	16695	12.45	ng	# 77
57) 2,4-Dinitrotoluene	14.735	165	16555	5.15	ng	# 36
67) 4-Bromophenyl-phenylether	16.234	248	17354	4.98	ng	# 1

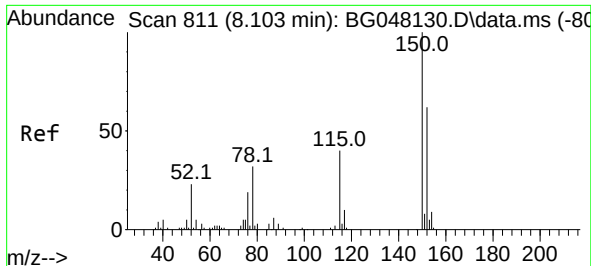
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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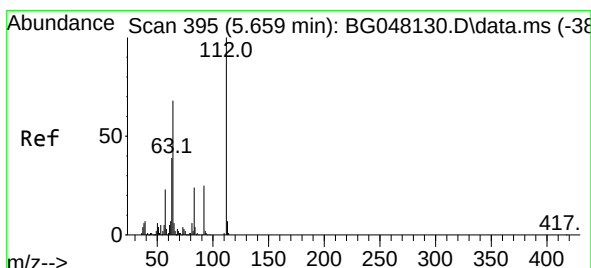
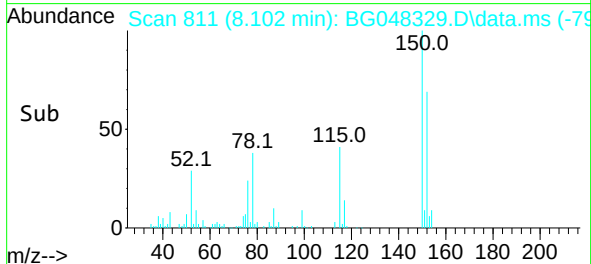
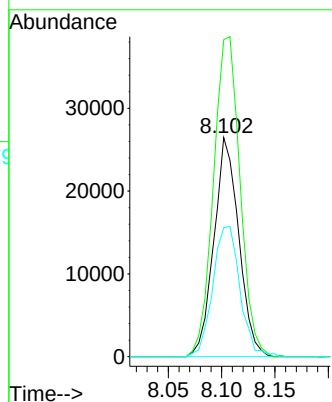
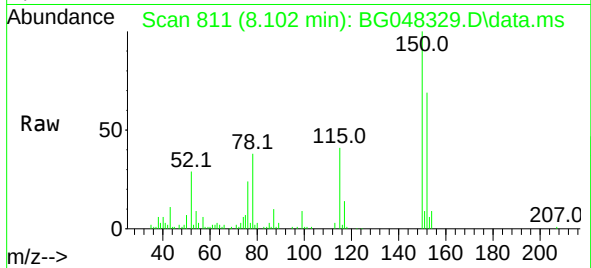




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.102 min Scan# 811
Delta R.T. -0.000 min
Lab File: BG048329.D
Acq: 4 Mar 2021 15:23

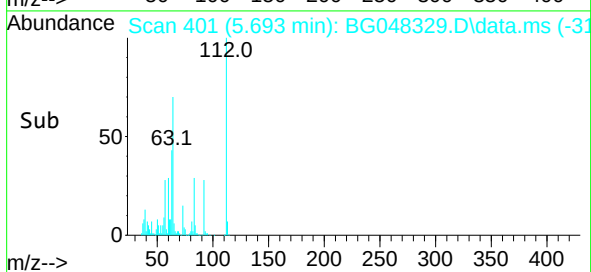
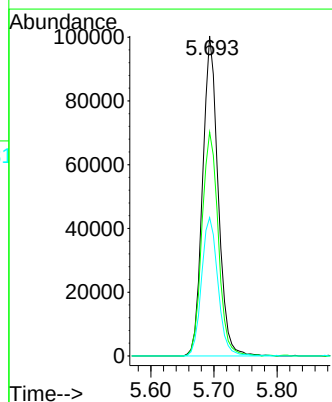
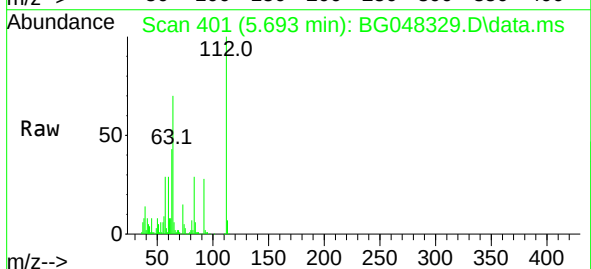
Instrument :
BNA_G
ClientSampleId :
COMP-41114-15

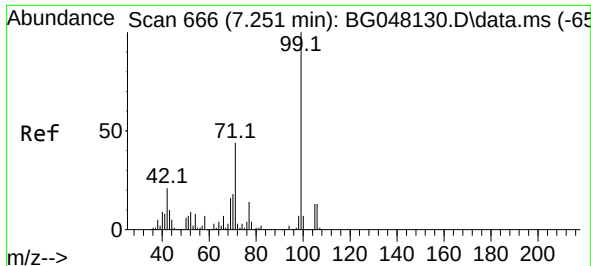
Tgt Ion:152 Resp: 42856
Ion Ratio Lower Upper
152 100
150 144.5 125.0 187.6
115 58.8 41.8 62.6



#5
2-Fluorophenol
Concen: 67.82 ng
RT: 5.693 min Scan# 401
Delta R.T. 0.006 min
Lab File: BG048329.D
Acq: 4 Mar 2021 15:23

Tgt Ion:112 Resp: 170740
Ion Ratio Lower Upper
112 100
64 69.9 46.7 70.1
63 43.3 22.8 34.2#

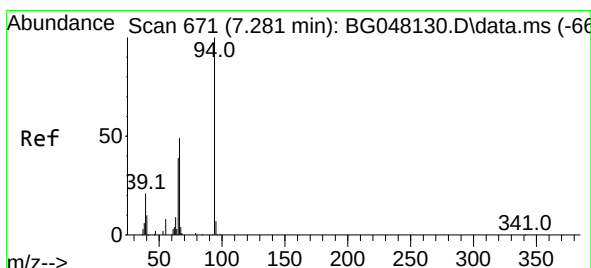
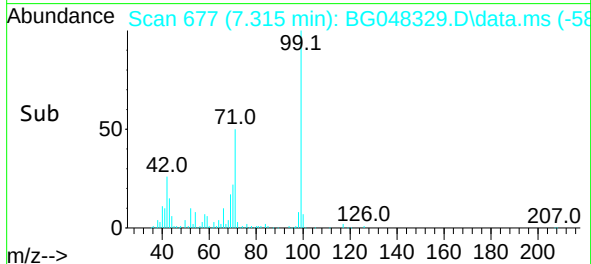
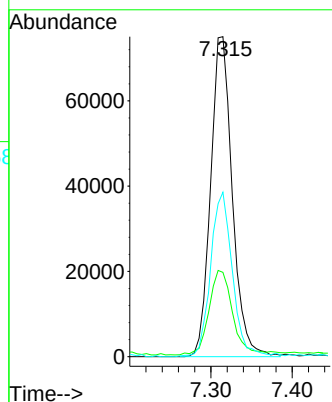
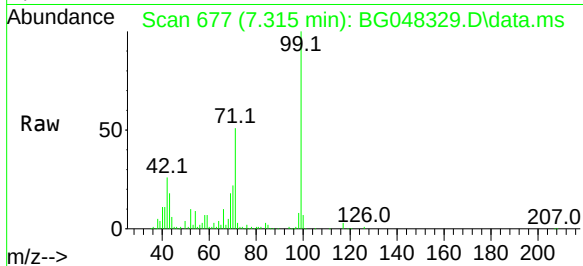




#7
Phenol-d6
Concen: 36.38 ng
RT: 7.315 min Scan# 677
Delta R.T. -0.000 min
Lab File: BG048329.D
Acq: 4 Mar 2021 15:23

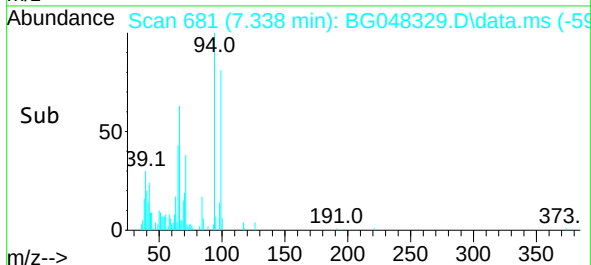
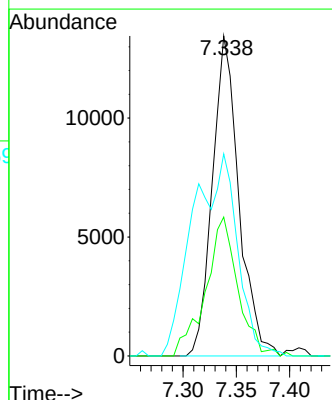
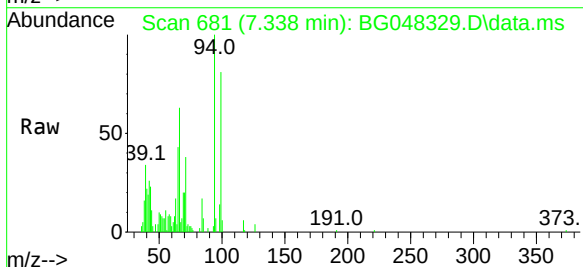
Instrument :
BNA_G
ClientSampleId :
COMP-41114-15

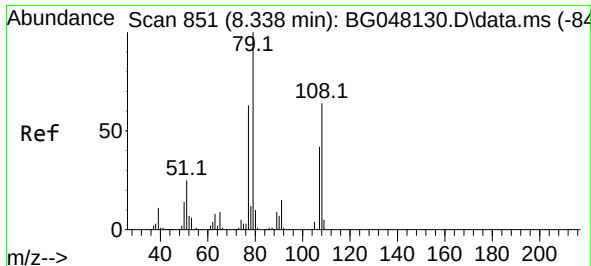
Tgt Ion: 99 Resp: 139151
Ion Ratio Lower Upper
99 100
42 26.3 12.8 19.2#
71 51.4 24.6 36.8#



#10
Phenol
Concen: 6.00 ng
RT: 7.338 min Scan# 681
Delta R.T. -0.000 min
Lab File: BG048329.D
Acq: 4 Mar 2021 15:23

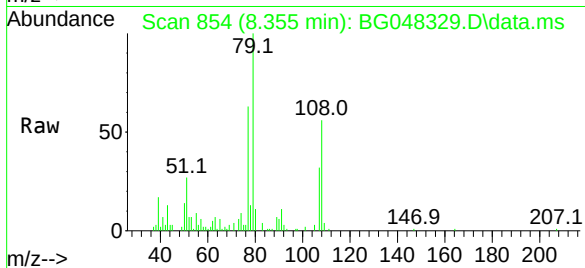
Tgt Ion: 94 Resp: 23211
Ion Ratio Lower Upper
94 100
65 43.4 6.6 46.6
66 63.2 13.9 53.9#



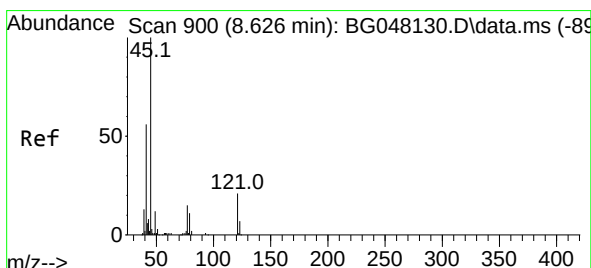
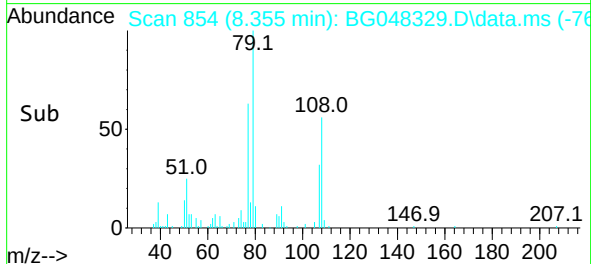
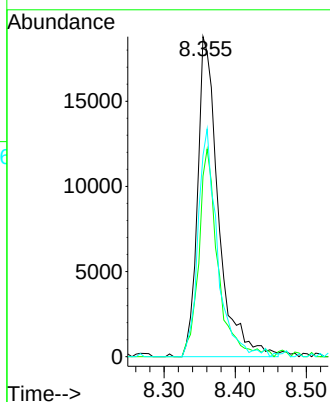


#15
Benzyl Alcohol
Concen: 11.36 ng
RT: 8.355 min Scan# 854
Delta R.T. -0.006 min
Lab File: BG048329.D
Acq: 4 Mar 2021 15:23

Instrument :
BNA_G
ClientSampleId :
COMP-41114-15

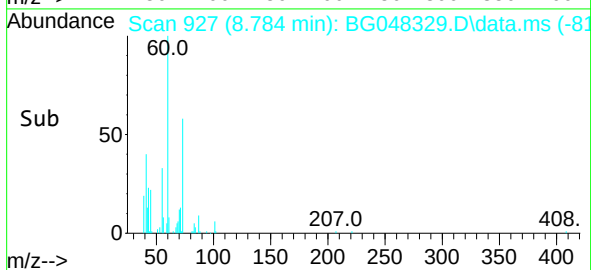
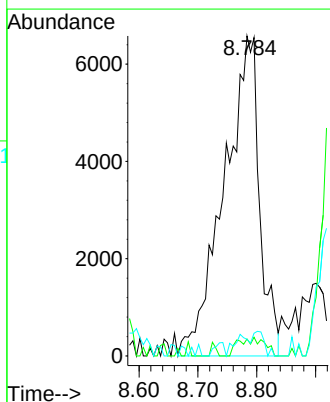
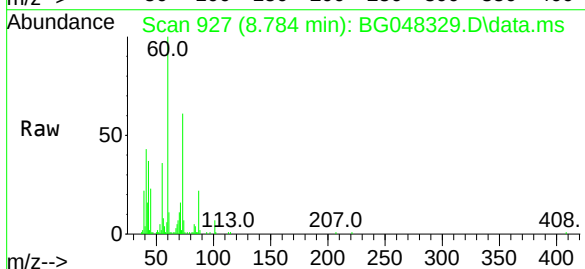


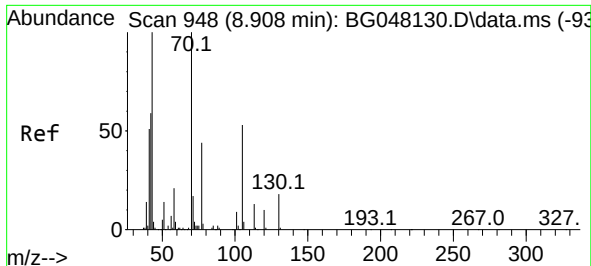
Tgt Ion: 79 Resp: 38301
Ion Ratio Lower Upper
79 100
108 56.4 65.5 98.3#
77 62.9 50.1 75.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 7.03 ng
RT: 8.784 min Scan# 927
Delta R.T. 0.153 min
Lab File: BG048329.D
Acq: 4 Mar 2021 15:23

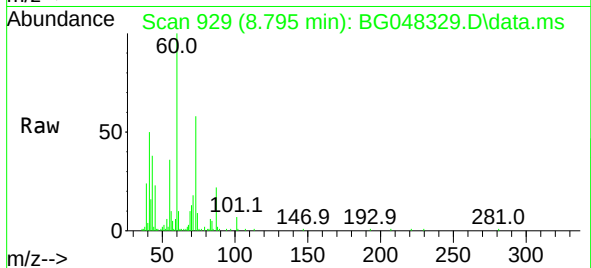
Tgt Ion: 45 Resp: 27478
Ion Ratio Lower Upper
45 100
77 5.3 0.0 33.4
79 5.2 0.0 30.8



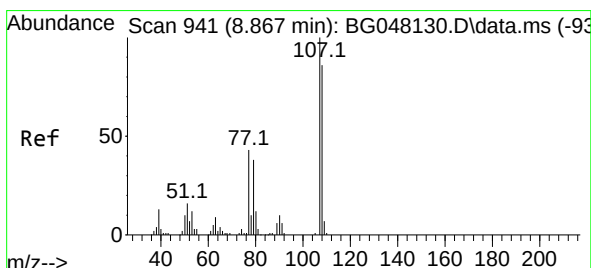
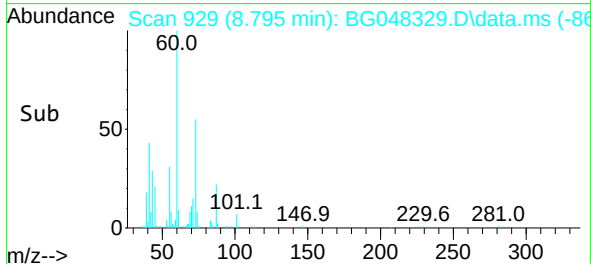
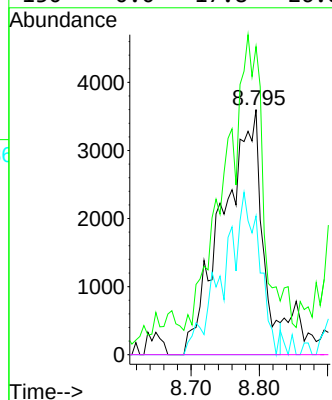


#19
n-Nitroso-di-n-propylamine
Concen: 4.84 ng
RT: 8.795 min Scan# 929
Delta R.T. -0.124 min
Lab File: BG048329.D
Acq: 4 Mar 2021 15:23

Instrument :
BNA_G
ClientSampleId :
COMP-41114-15

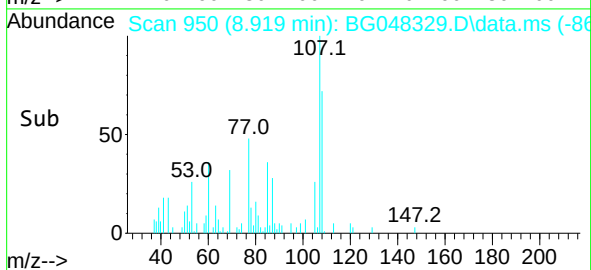
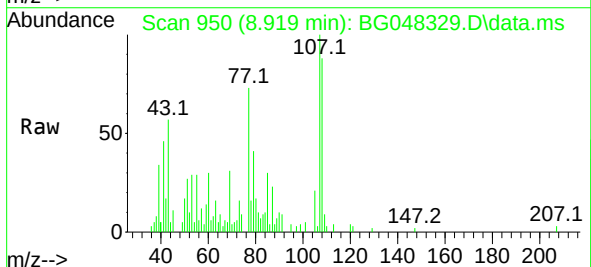
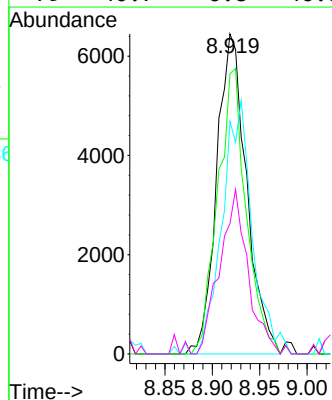


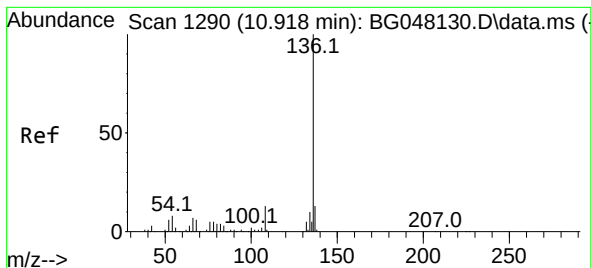
Tgt Ion:	70	Resp:	14304
Ion	Ratio	Lower	Upper
70	100		
42	125.7	45.6	68.4#
101	56.6	8.4	12.6#
130	0.0	17.8	26.8#



#20
3+4-Methylphenols
Concen: 4.01 ng
RT: 8.919 min Scan# 950
Delta R.T. -0.000 min
Lab File: BG048329.D
Acq: 4 Mar 2021 15:23

Tgt Ion:	107	Resp:	14106
Ion	Ratio	Lower	Upper
107	100		
108	87.5	70.6	110.6
77	72.7	10.2	50.2#
79	40.7	6.8	46.8

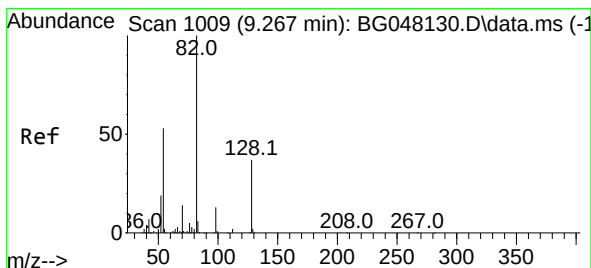
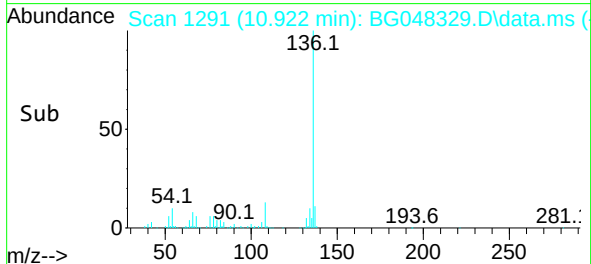
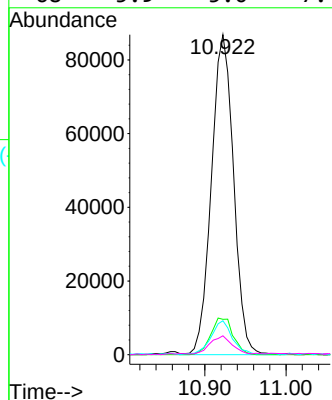
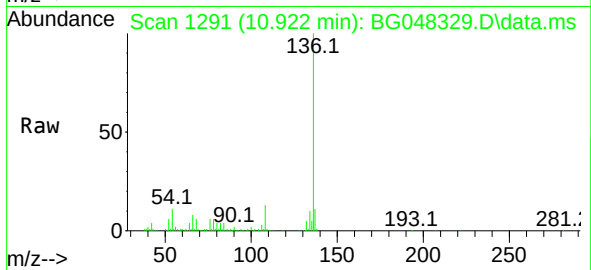




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.922 min Scan# 1291
Delta R.T. -0.000 min
Lab File: BG048329.D
Acq: 4 Mar 2021 15:23

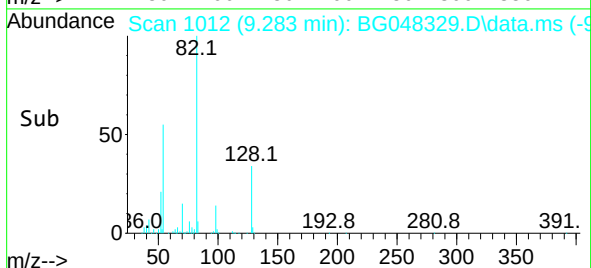
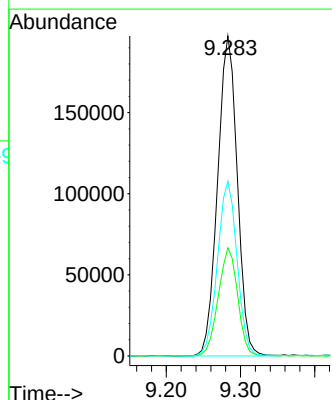
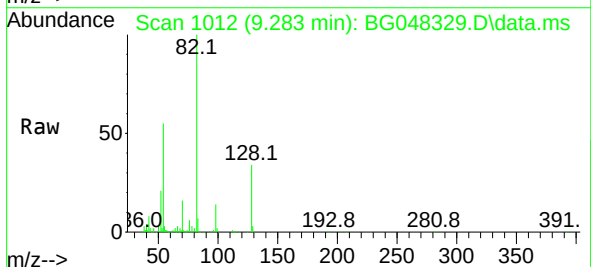
Instrument :
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ClientSampleId :
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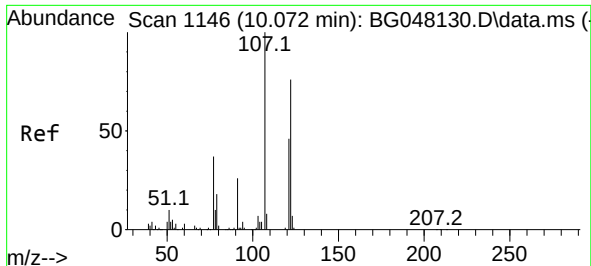
Tgt Ion:136 Resp: 164452
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 10.6 6.2 9.4#
68 5.9 5.0 7.4



#23
Nitrobenzene-d5
Concen: 93.59 ng
RT: 9.283 min Scan# 1012
Delta R.T. -0.000 min
Lab File: BG048329.D
Acq: 4 Mar 2021 15:23

Tgt Ion: 82 Resp: 363866
Ion Ratio Lower Upper
82 100
128 33.8 37.0 55.6#
54 54.6 39.0 58.4

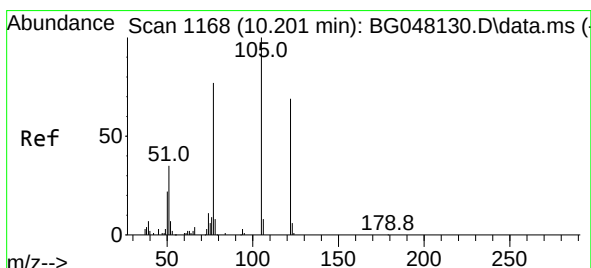
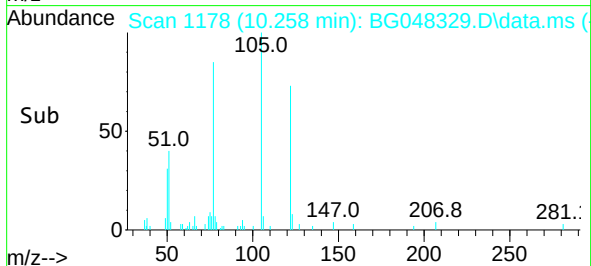
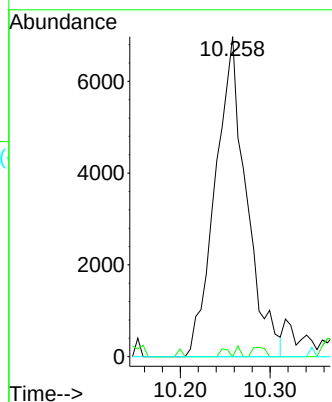
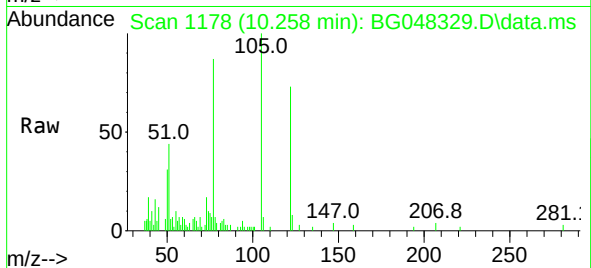




#27
2,4-Dimethylphenol
Concen: 6.76 ng
RT: 10.258 min Scan# 1178
Delta R.T. 0.147 min
Lab File: BG048329.D
Acq: 4 Mar 2021 15:23

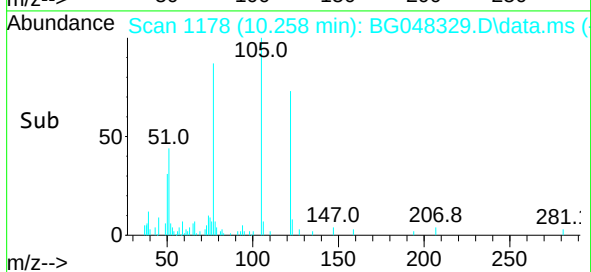
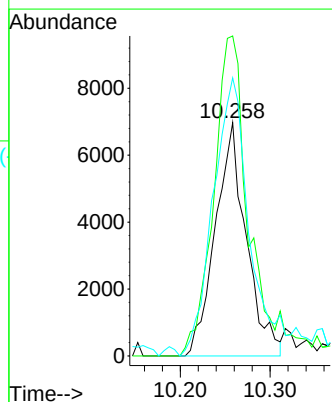
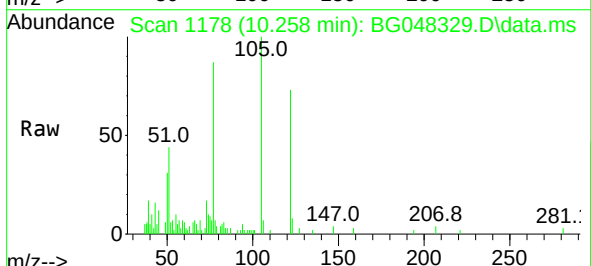
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COMP-41114-15

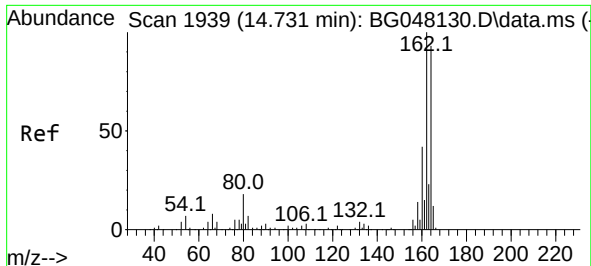
Tgt Ion:122 Resp: 16695
Ion Ratio Lower Upper
122 100
107 0.0 89.2 133.8#
121 0.0 46.9 70.3#



#32
Benzoic acid
Concen: 12.45 ng
RT: 10.258 min Scan# 1178
Delta R.T. -0.030 min
Lab File: BG048329.D
Acq: 4 Mar 2021 15:23

Tgt Ion:122 Resp: 16695
Ion Ratio Lower Upper
122 100
105 137.2 103.7 143.7
77 119.2 63.0 103.0#

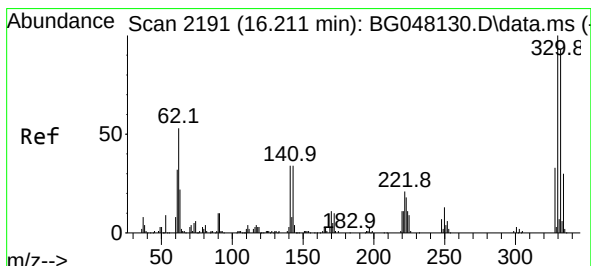
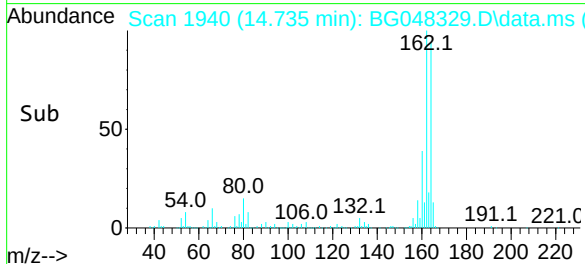
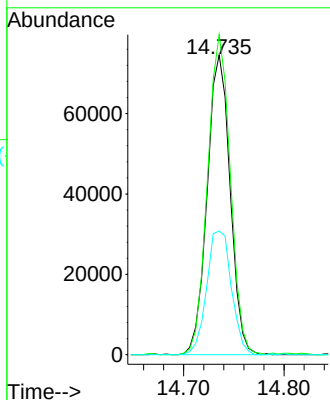
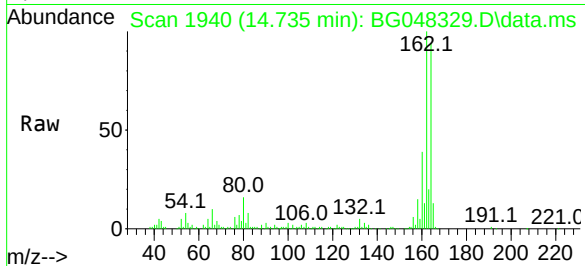




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.735 min Scan# 1940
Delta R.T. -0.000 min
Lab File: BG048329.D
Acq: 4 Mar 2021 15:23

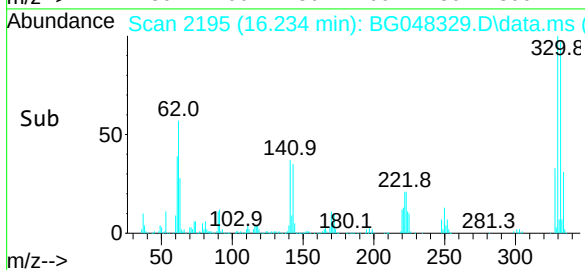
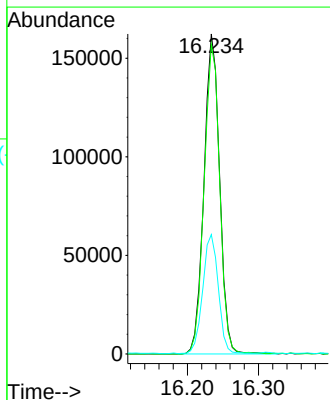
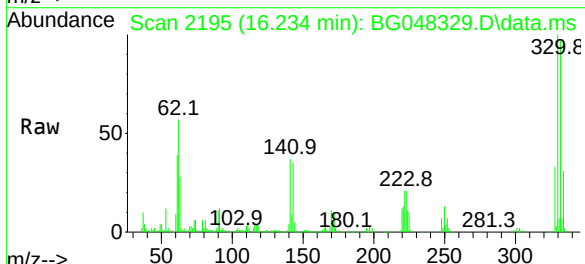
Instrument :
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COMP-41114-15

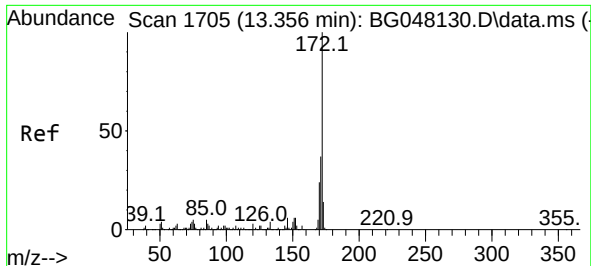
Tgt Ion:164 Resp: 118507
Ion Ratio Lower Upper
164 100
162 106.7 82.3 123.5
160 41.2 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 131.14 ng
RT: 16.234 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BG048329.D
Acq: 4 Mar 2021 15:23

Tgt Ion:330 Resp: 248580
Ion Ratio Lower Upper
330 100
332 96.6 76.5 114.7
141 37.0 26.0 39.0

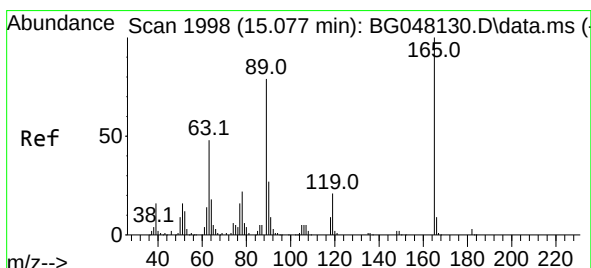
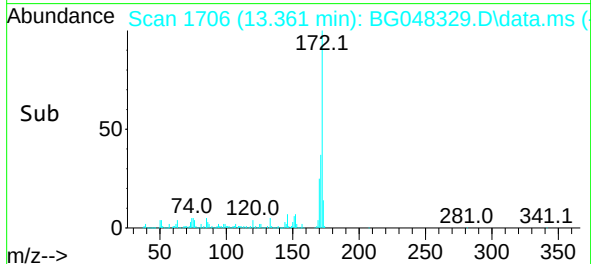
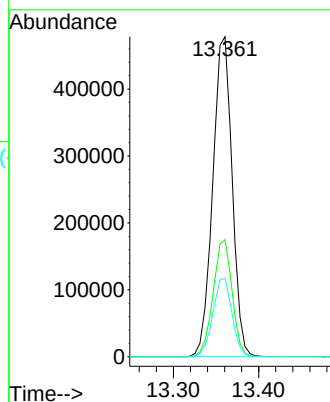
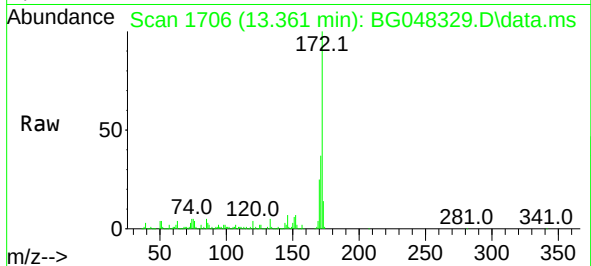




#45
2-Fluorobiphenyl
Concen: 89.25 ng
RT: 13.361 min Scan# 1706
Delta R.T. -0.000 min
Lab File: BG048329.D
Acq: 4 Mar 2021 15:23

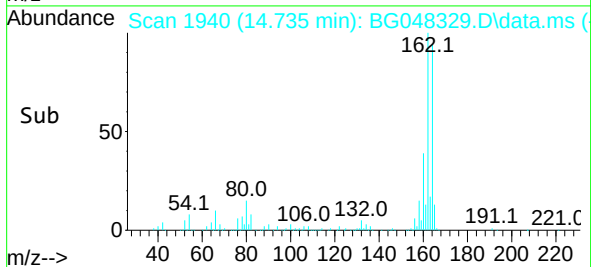
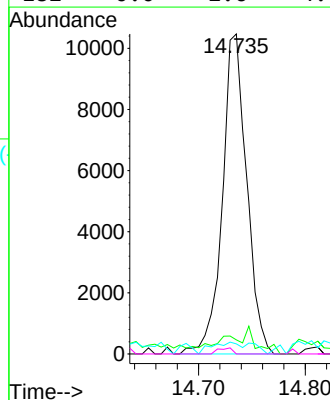
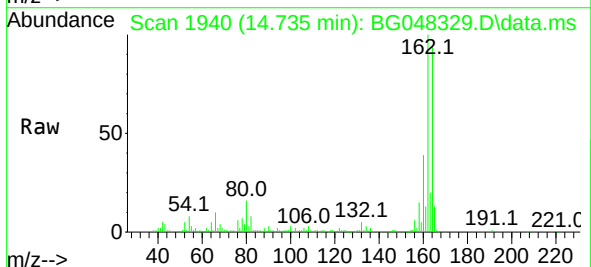
Instrument :
BNA_G
ClientSampleId :
COMP-41114-15

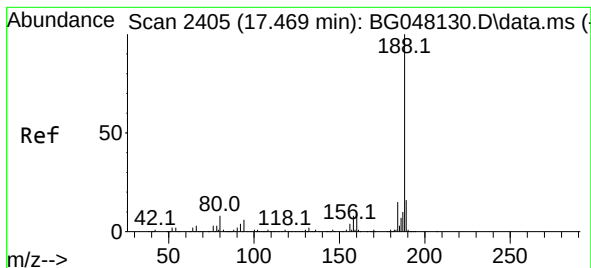
Tgt Ion:172 Resp: 754421
Ion Ratio Lower Upper
172 100
171 36.5 31.3 46.9
170 24.5 20.8 31.2



#57
2,4-Dinitrotoluene
Concen: 5.15 ng
RT: 14.735 min Scan# 1940
Delta R.T. -0.382 min
Lab File: BG048329.D
Acq: 4 Mar 2021 15:23

Tgt Ion:165 Resp: 16555
Ion Ratio Lower Upper
165 100
63 4.4 26.4 39.6#
89 3.1 47.8 71.8#
182 0.0 2.6 4.0#





#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.485 min Scan# 2408

Delta R.T. -0.000 min

Lab File: BG048329.D

Acq: 4 Mar 2021 15:23

Tgt Ion:188 Resp: 271883

Ion Ratio Lower Upper

188 100

94 5.0 6.3 9.5#

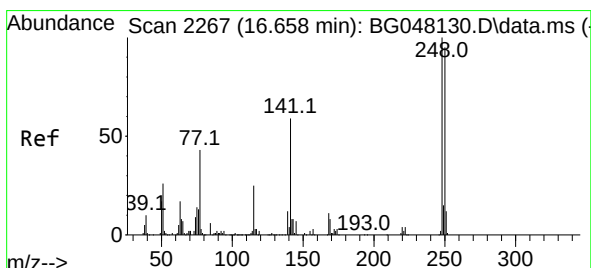
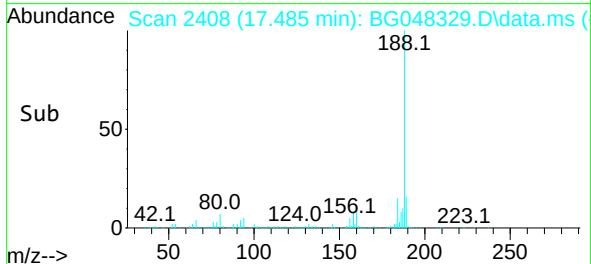
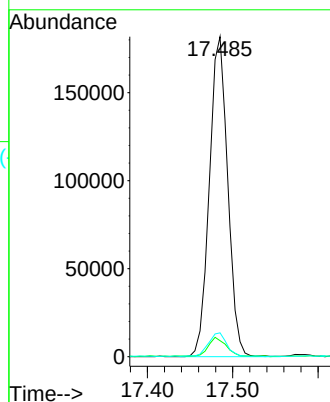
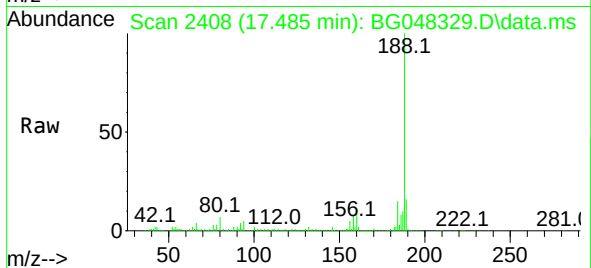
80 7.5 7.0 10.6

Instrument :

BNA_G

ClientSampleId :

COMP-41114-15



#67

4-Bromophenyl-phenylether

Concen: 4.98 ng

RT: 16.234 min Scan# 2195

Delta R.T. -0.435 min

Lab File: BG048329.D

Acq: 4 Mar 2021 15:23

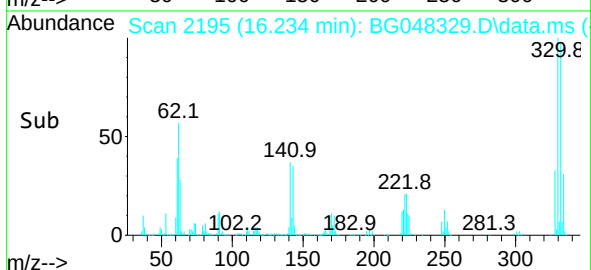
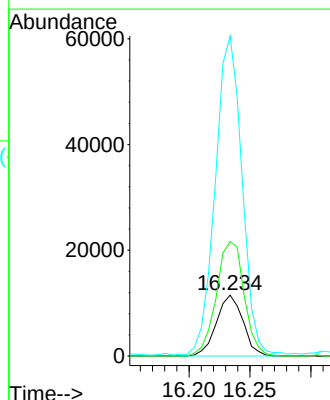
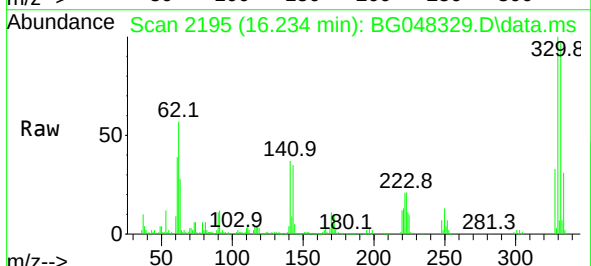
Tgt Ion:248 Resp: 17354

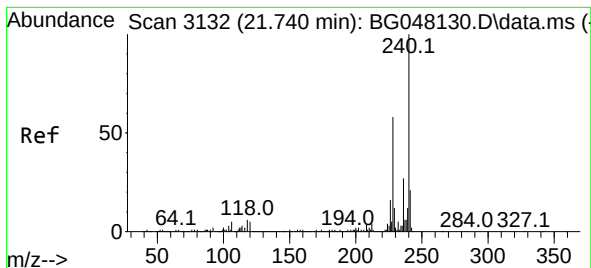
Ion Ratio Lower Upper

248 100

250 188.3 78.9 118.3#

141 526.4 46.2 69.4#

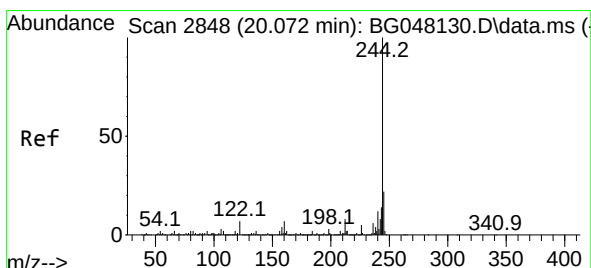
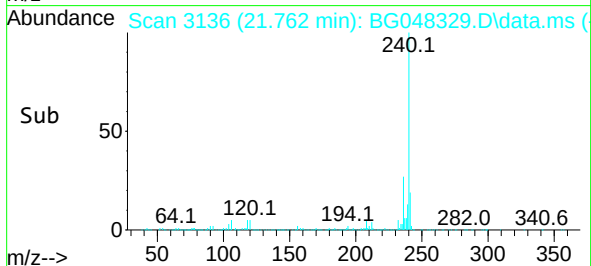
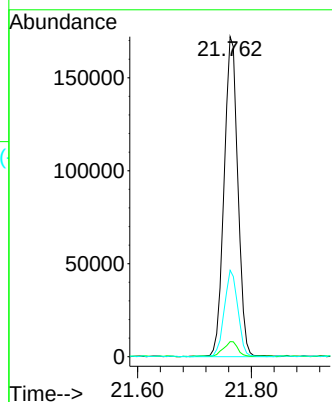
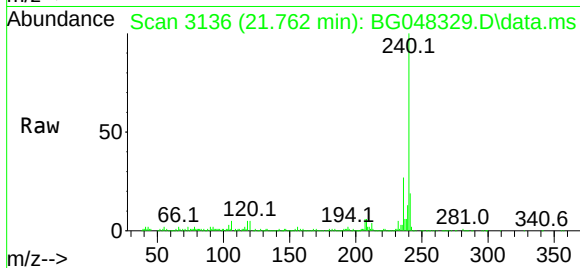




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.762 min Scan# 3136
Delta R.T. -0.006 min
Lab File: BG048329.D
Acq: 4 Mar 2021 15:23

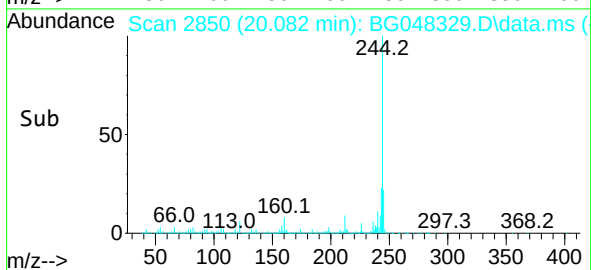
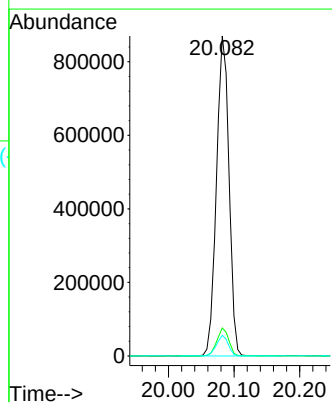
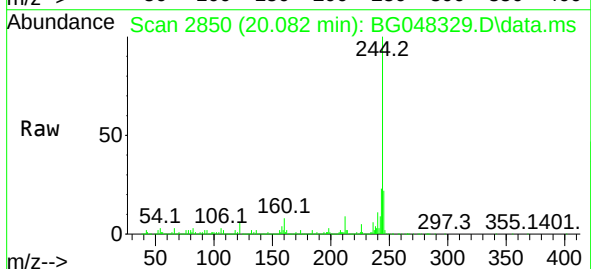
Instrument :
BNA_G
ClientSampleId :
COMP-41114-15

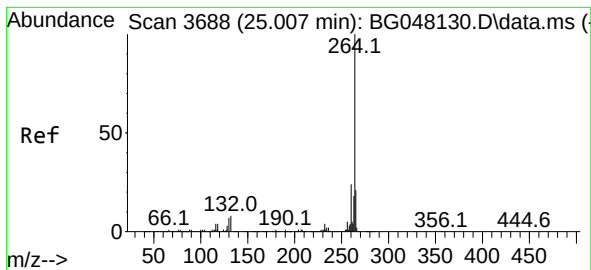
Tgt Ion:240 Resp: 290961
Ion Ratio Lower Upper
240 100
120 4.7 6.2 9.4#
236 27.0 20.5 30.7



#79
Terphenyl-d14
Concen: 72.27 ng
RT: 20.082 min Scan# 2850
Delta R.T. -0.000 min
Lab File: BG048329.D
Acq: 4 Mar 2021 15:23

Tgt Ion:244 Resp: 1150730
Ion Ratio Lower Upper
244 100
212 8.7 6.7 10.1
122 6.5 7.8 11.6#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.059 min Scan# 3697
 Delta R.T. -0.006 min
 Lab File: BG048329.D
 Acq: 4 Mar 2021 15:23

Instrument :
 BNA_G
 ClientSampleId :
 COMP-41114-15

Tgt Ion:264 Resp: 276585
 Ion Ratio Lower Upper
 264 100
 260 25.1 18.8 28.2
 265 22.7 17.8 26.8

