

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041921\
 Data File : BG048791.D
 Acq On : 20 Apr 2021 9:47
 Operator : CG/JU
 Sample : M2074-15
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VNPH2-B-10D

Quant Time: Apr 20 12:26:58 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 16 15:59:00 2021
 Response via : Initial Calibration

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

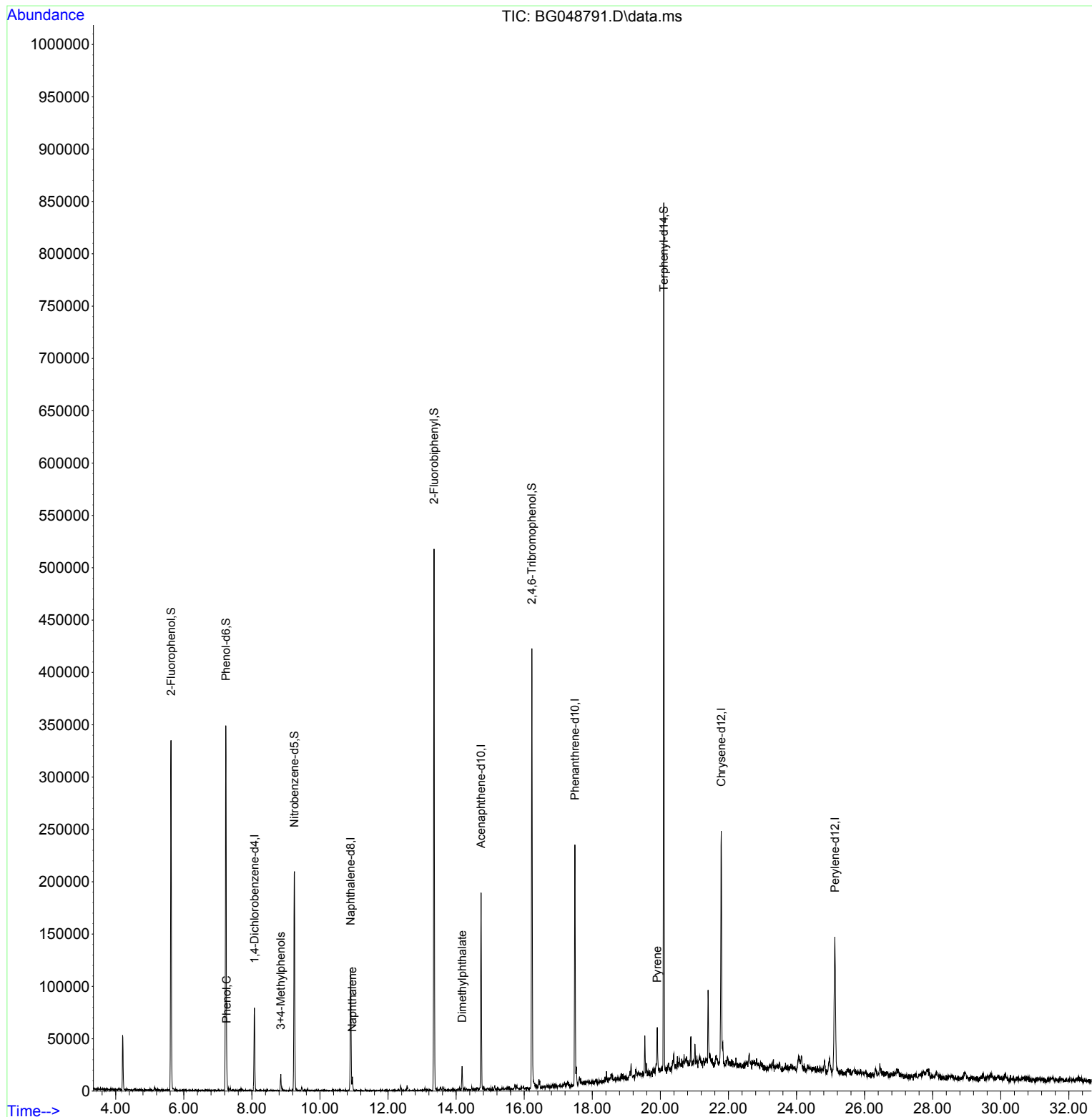
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.075	152	20019	20.00	ng	# 0.00
21) Naphthalene-d8	10.901	136	88712	20.00	ng	#-0.01
39) Acenaphthene-d10	14.732	164	64774	20.00	ng	-0.01
64) Phenanthrene-d10	17.487	188	142295	20.00	ng	#-0.01
76) Chrysene-d12	21.788	240	130504	20.00	ng	-0.01
86) Perylene-d12	25.125	264	132578	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.625	112	122908	102.68	ng	0.00
7) Phenol-d6	7.235	99	166628	98.42	ng	0.00
23) Nitrobenzene-d5	9.250	82	119885	60.50	ng	0.00
42) 2,4,6-Tribromophenol	16.224	330	70502	81.18	ng	-0.01
45) 2-Fluorobiphenyl	13.351	172	244806	54.58	ng	0.00
79) Terphenyl-d14	20.102	244	354145	46.71	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.264	94	3791	2.28	ng	79
20) 3+4-Methylphenols	8.850	107	5143	3.51	ng	# 75
31) Naphthalene	10.954	128	9203	2.02	ng	# 90
50) Dimethylphthalate	14.179	163	13257	2.73	ng	# 87
78) Pyrene	19.908	202	20676	2.29	ng	# 91

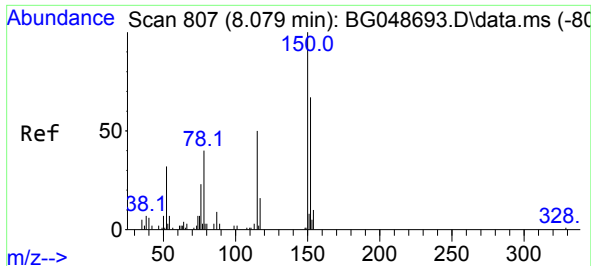
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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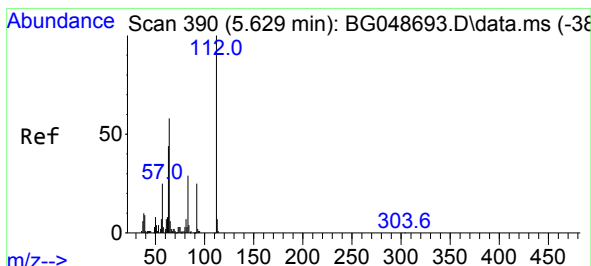
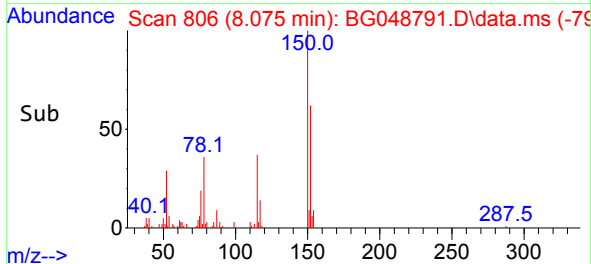
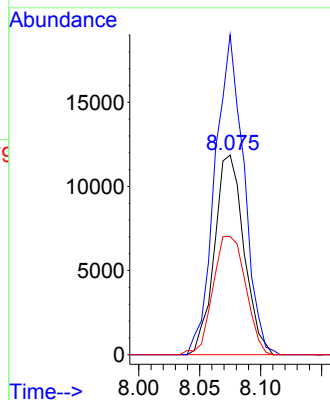
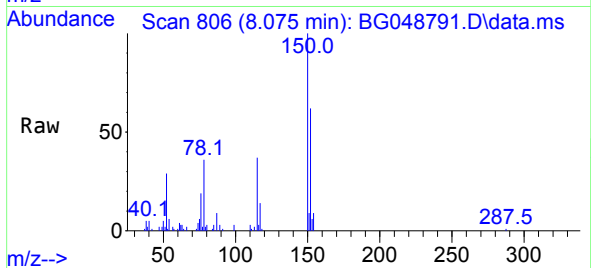




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.075 min Scan# 806
Delta R.T. -0.005 min
Lab File: BG048791.D
Acq: 20 Apr 2021 9:47

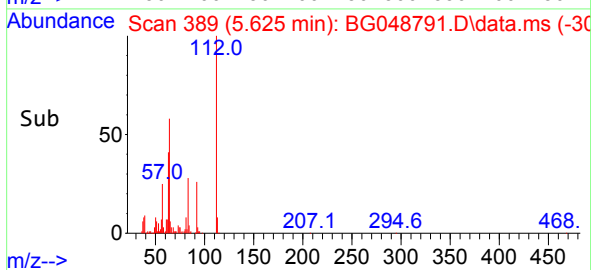
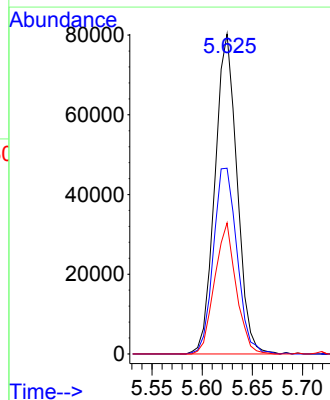
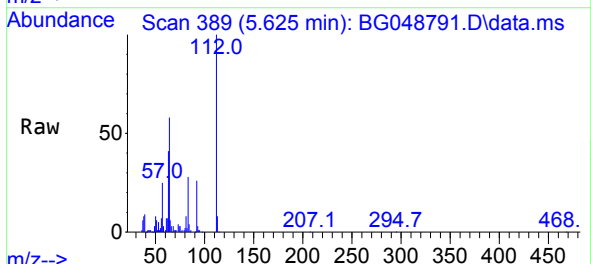
Instrument :
BNA_G
ClientSampleId :
VNPH2-B-10D

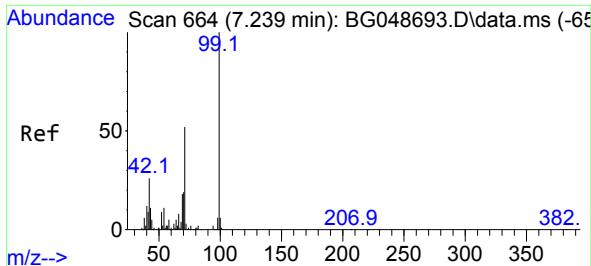
Tgt Ion:152 Resp: 20019
Ion Ratio Lower Upper
152 100
150 160.4 119.4 179.0
115 59.3 60.2 90.4#



#5
2-Fluorophenol
Concen: 102.68 ng
RT: 5.625 min Scan# 389
Delta R.T. -0.005 min
Lab File: BG048791.D
Acq: 20 Apr 2021 9:47

Tgt Ion:112 Resp: 122908
Ion Ratio Lower Upper
112 100
64 58.0 46.7 70.1
63 41.0 35.3 52.9

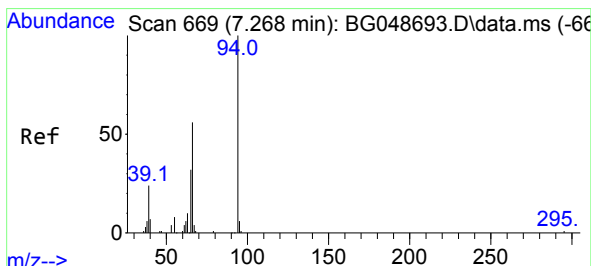
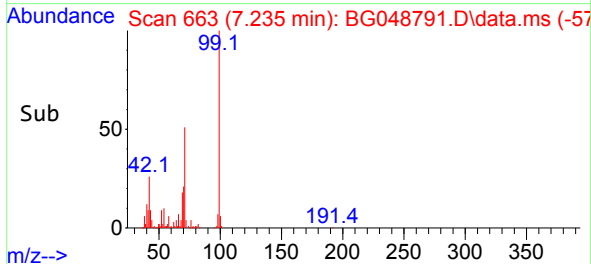
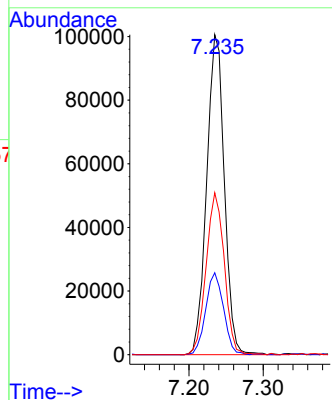
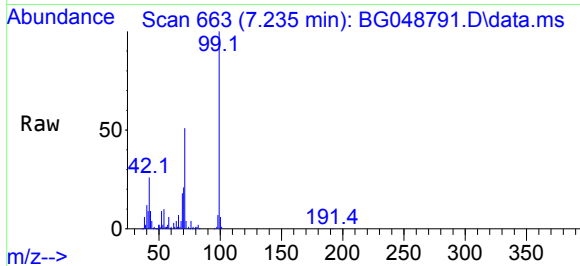




#7
Phenol-d6
Concen: 98.42 ng
RT: 7.235 min Scan# 663
Delta R.T. -0.005 min
Lab File: BG048791.D
Acq: 20 Apr 2021 9:47

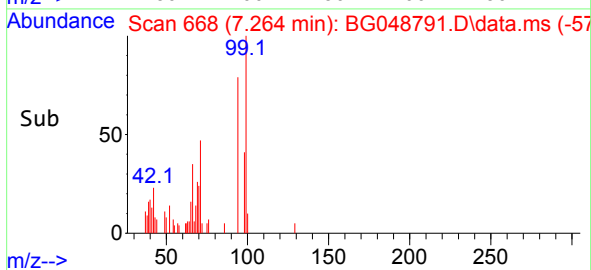
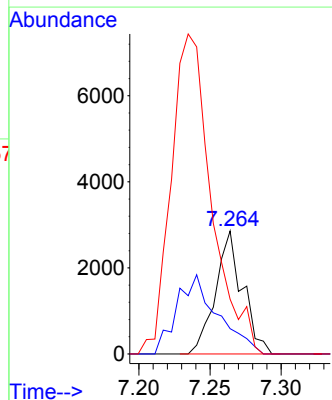
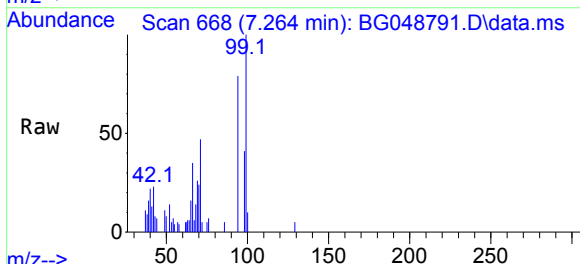
Instrument :
BNA_G
ClientSampleId :
VNPH2-B-10D

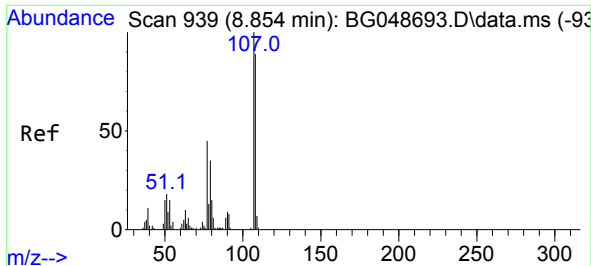
Tgt Ion: 99 Resp: 166628
Ion Ratio Lower Upper
99 100
42 25.6 20.5 30.7
71 50.6 41.5 62.3



#10
Phenol
Concen: 2.28 ng
RT: 7.264 min Scan# 668
Delta R.T. -0.005 min
Lab File: BG048791.D
Acq: 20 Apr 2021 9:47

Tgt Ion: 94 Resp: 3791
Ion Ratio Lower Upper
94 100
65 20.6 12.9 52.9
66 44.4 39.4 79.4

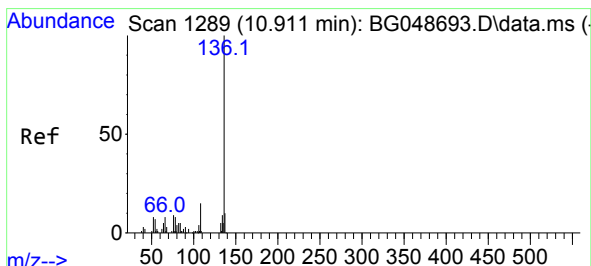
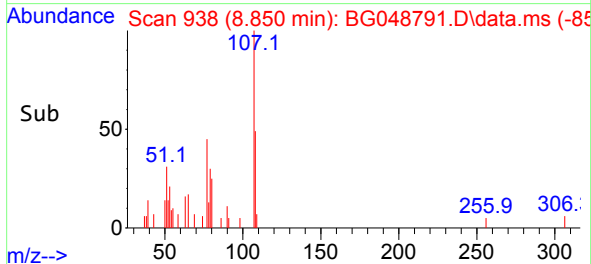
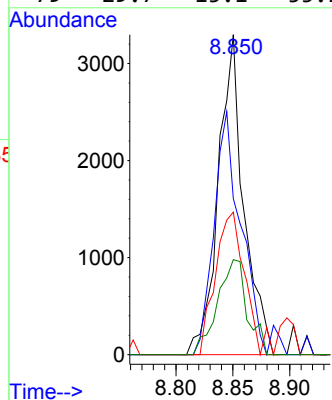
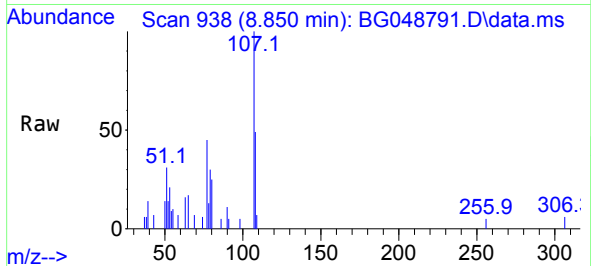




#20
3+4-Methylphenols
Concen: 3.51 ng
RT: 8.850 min Scan# 938
Delta R.T. -0.011 min
Lab File: BG048791.D
Acq: 20 Apr 2021 9:47

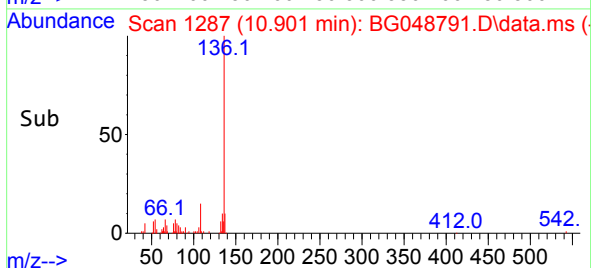
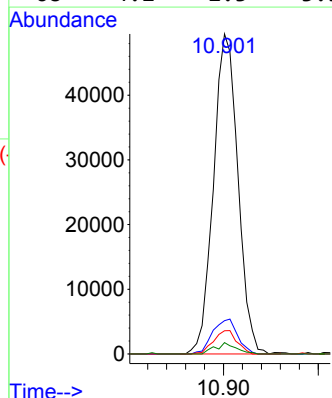
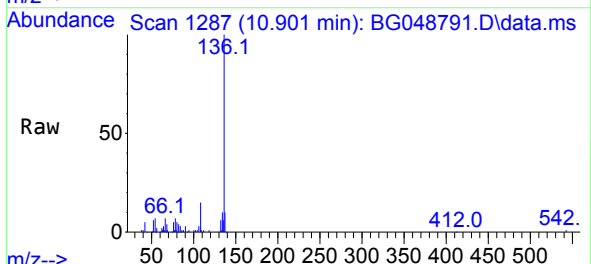
Instrument :
BNA_G
ClientSampleId :
VNPH2-B-10D

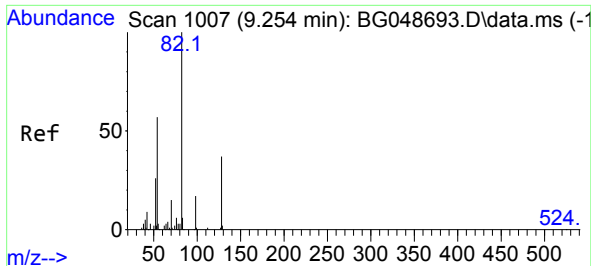
Tgt Ion:107	Resp:	5143
Ion Ratio	Lower	Upper
107	100	
108	48.8	69.3 109.3#
77	44.6	25.2 65.2
79	29.7	15.1 55.1



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.901 min Scan# 1287
Delta R.T. -0.011 min
Lab File: BG048791.D
Acq: 20 Apr 2021 9:47

Tgt Ion:136	Resp:	88712
Ion Ratio	Lower	Upper
136	100	
137	10.4	8.2 12.2
54	7.2	5.5 8.3
68	4.2	2.3 3.5#

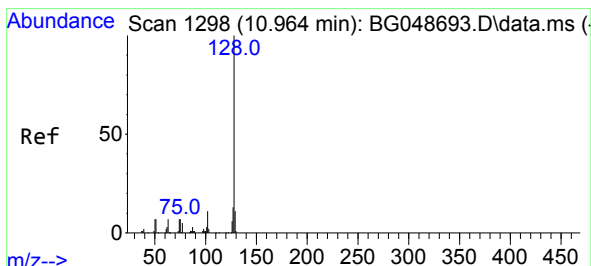
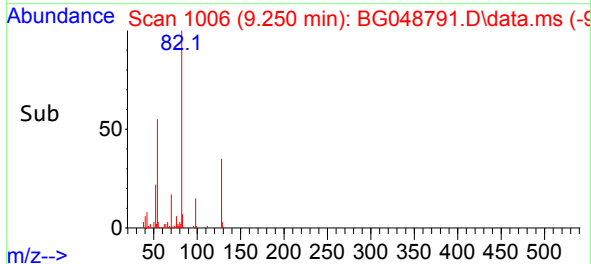
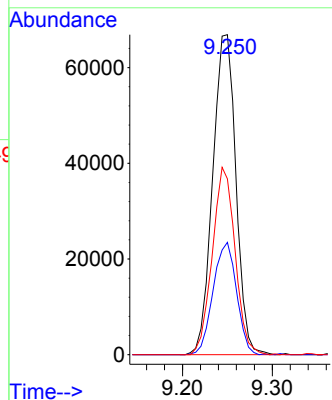
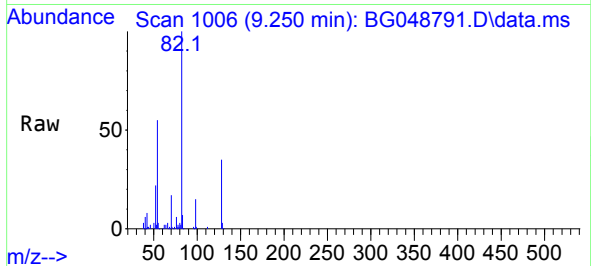




#23
Nitrobenzene-d5
Concen: 60.50 ng
RT: 9.250 min Scan# 1006
Delta R.T. -0.005 min
Lab File: BG048791.D
Acq: 20 Apr 2021 9:47

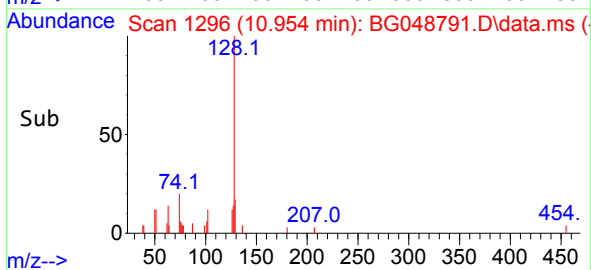
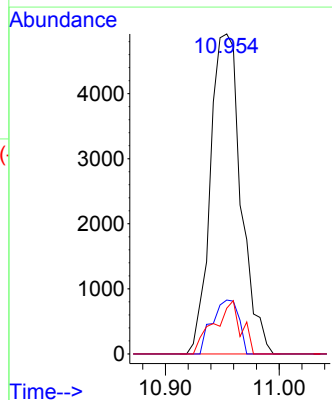
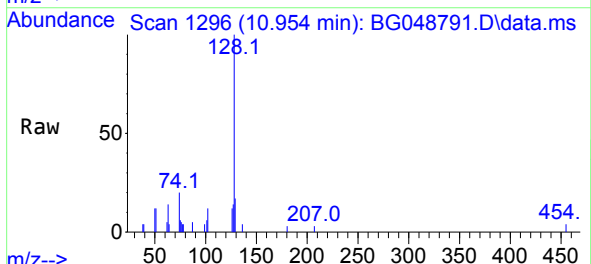
Instrument :
BNA_G
ClientSampleId :
VNPH2-B-10D

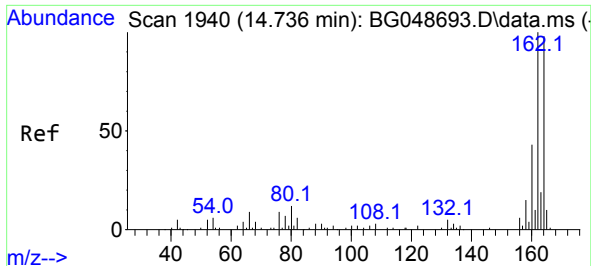
Tgt Ion: 82 Resp: 119885
Ion Ratio Lower Upper
82 100
128 35.1 29.8 44.6
54 54.9 45.8 68.8



#31
Naphthalene
Concen: 2.02 ng
RT: 10.954 min Scan# 1296
Delta R.T. -0.005 min
Lab File: BG048791.D
Acq: 20 Apr 2021 9:47

Tgt Ion:128 Resp: 9203
Ion Ratio Lower Upper
128 100
129 16.8 8.5 12.7#
127 14.3 10.2 15.4

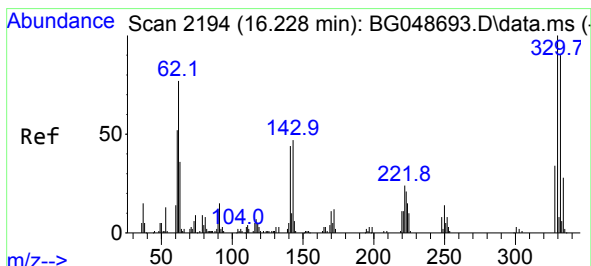
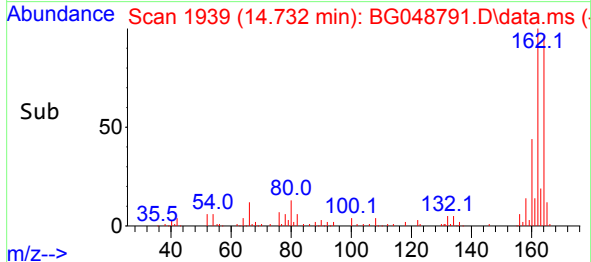
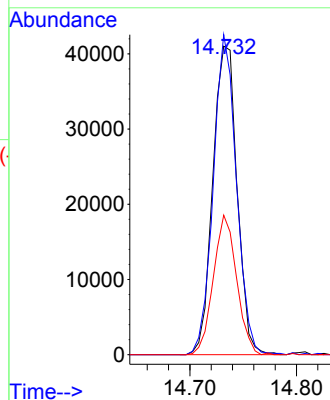
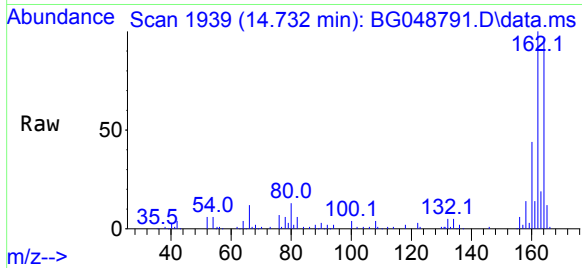




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.732 min Scan# 1939
Delta R.T. -0.011 min
Lab File: BG048791.D
Acq: 20 Apr 2021 9:47

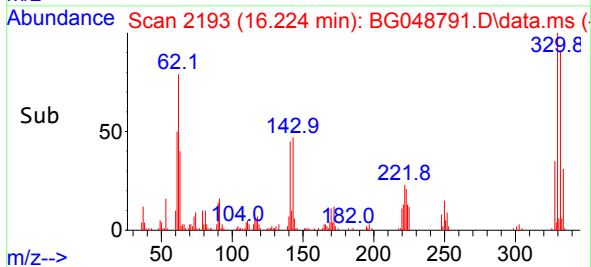
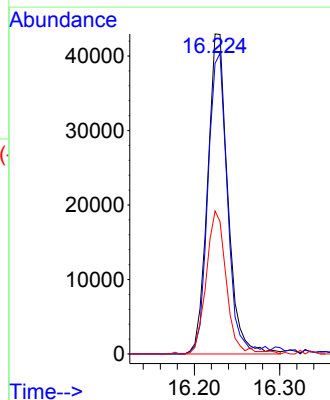
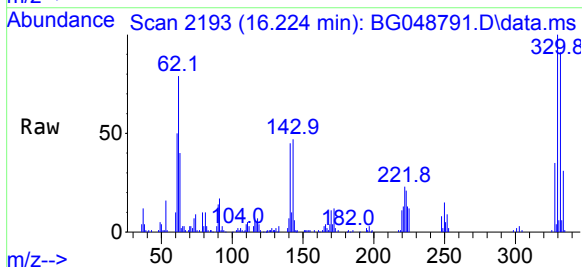
Instrument :
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ClientSampleId :
VNPH2-B-10D

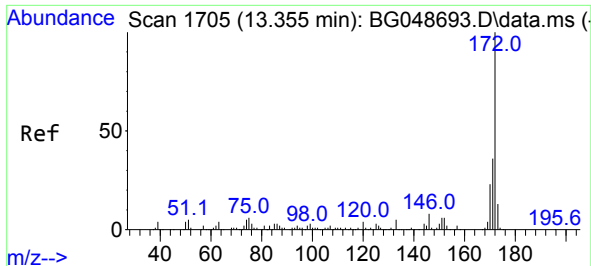
Tgt Ion:164 Resp: 64774
Ion Ratio Lower Upper
164 100
162 103.7 81.4 122.0
160 45.2 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 81.18 ng
RT: 16.224 min Scan# 2193
Delta R.T. -0.011 min
Lab File: BG048791.D
Acq: 20 Apr 2021 9:47

Tgt Ion:330 Resp: 70502
Ion Ratio Lower Upper
330 100
332 90.5 77.3 115.9
141 44.0 35.6 53.4

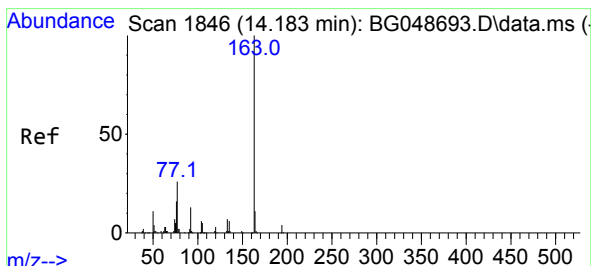
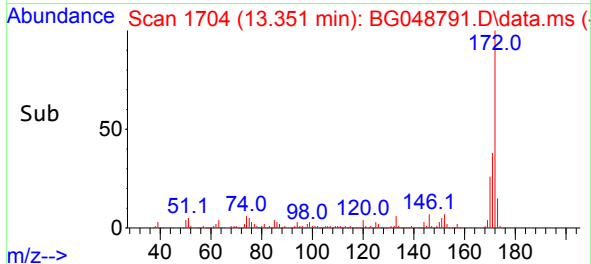
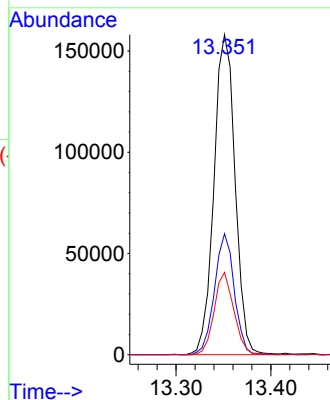
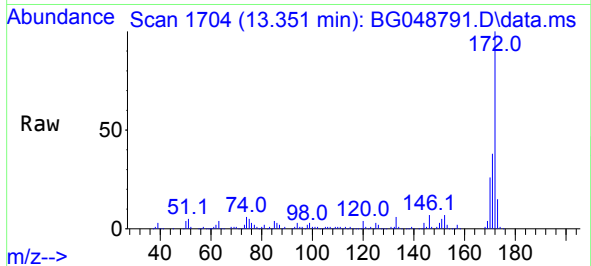




#45
2-Fluorobiphenyl
Concen: 54.58 ng
RT: 13.351 min Scan# 1704
Delta R.T. -0.005 min
Lab File: BG048791.D
Acq: 20 Apr 2021 9:47

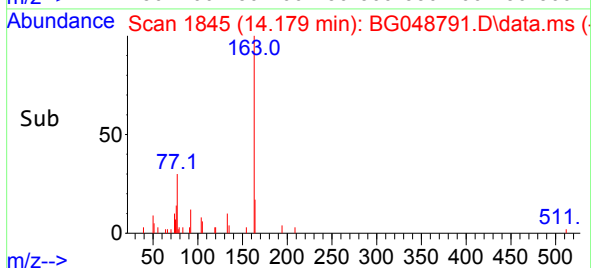
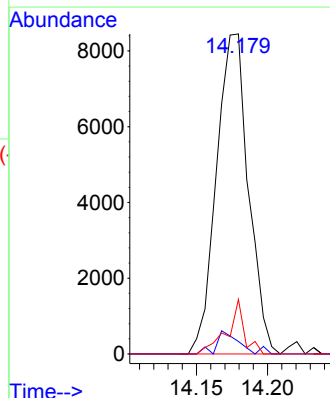
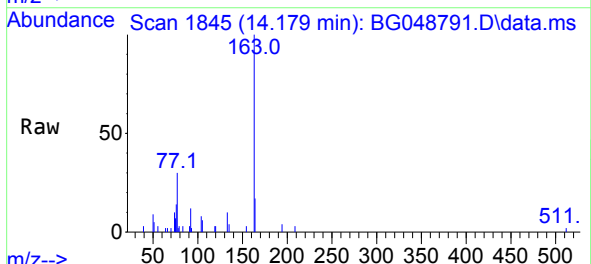
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VNPH2-B-10D

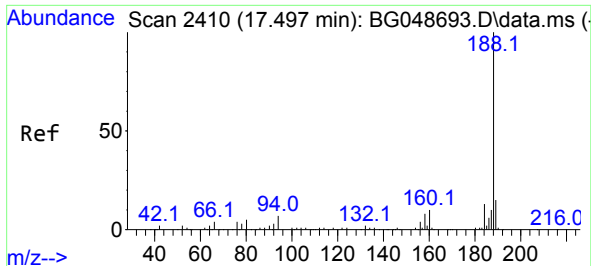
Tgt Ion:172 Resp: 244806
Ion Ratio Lower Upper
172 100
171 37.8 28.6 43.0
170 25.7 18.6 27.8



#50
Dimethylphthalate
Concen: 2.73 ng
RT: 14.179 min Scan# 1845
Delta R.T. -0.005 min
Lab File: BG048791.D
Acq: 20 Apr 2021 9:47

Tgt Ion:163 Resp: 13257
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 17.1 8.6 12.8#

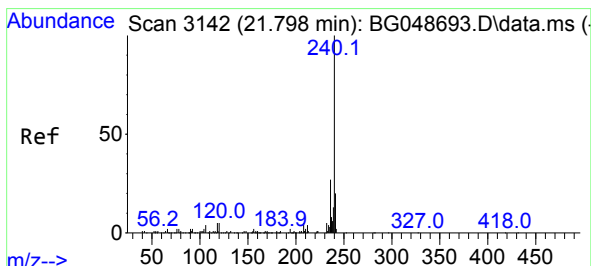
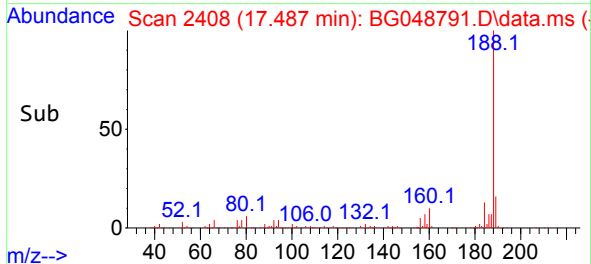
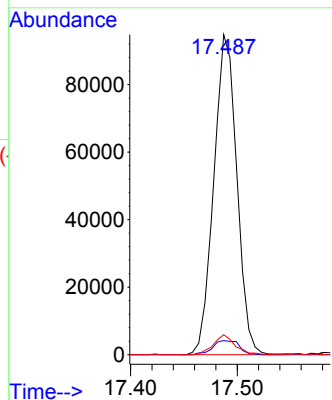
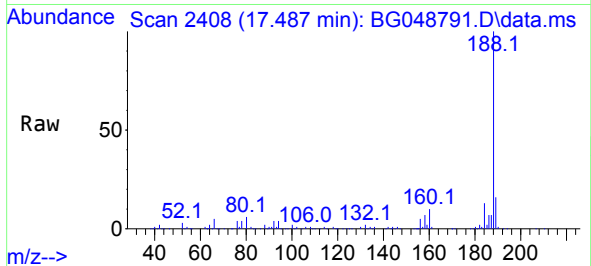




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.487 min Scan# 2408
Delta R.T. -0.011 min
Lab File: BG048791.D
Acq: 20 Apr 2021 9:47

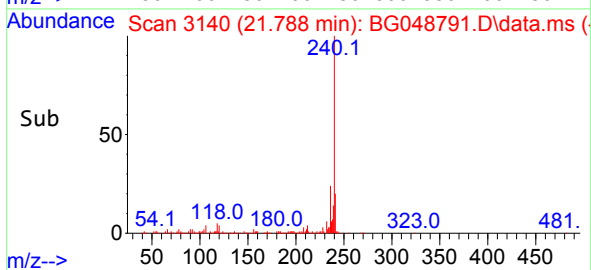
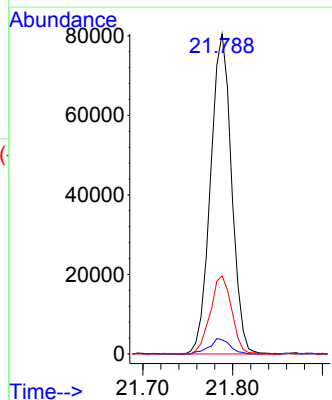
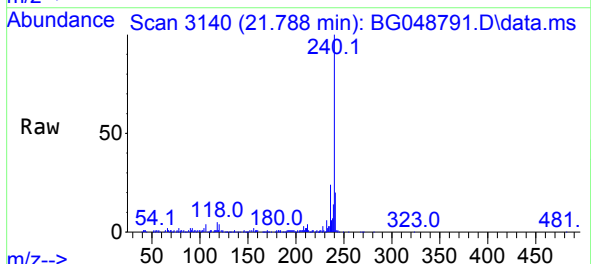
Instrument :
BNA_G
ClientSampleId :
VNPH2-B-10D

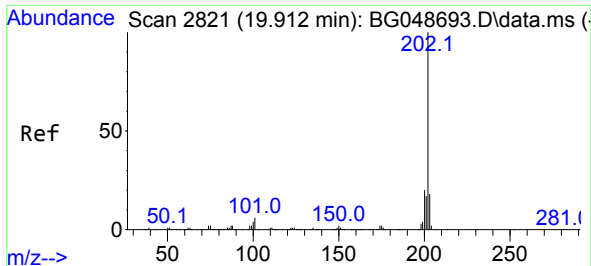
Tgt Ion:188 Resp: 142295
Ion Ratio Lower Upper
188 100
94 4.4 5.4 8.0#
80 6.2 3.7 5.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.788 min Scan# 3140
Delta R.T. -0.011 min
Lab File: BG048791.D
Acq: 20 Apr 2021 9:47

Tgt Ion:240 Resp: 130504
Ion Ratio Lower Upper
240 100
120 4.4 4.2 6.2
236 24.4 21.8 32.6

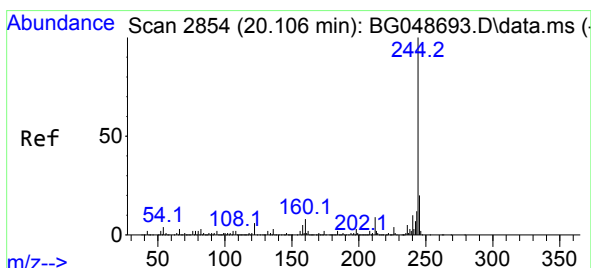
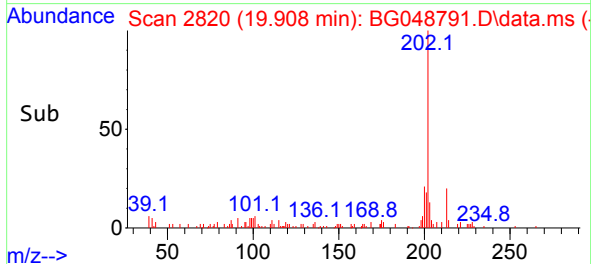
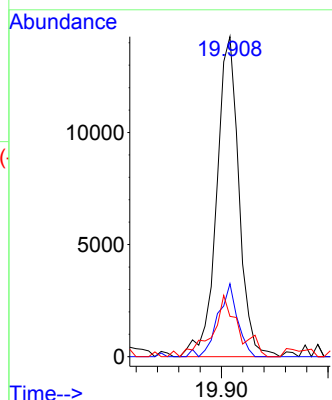
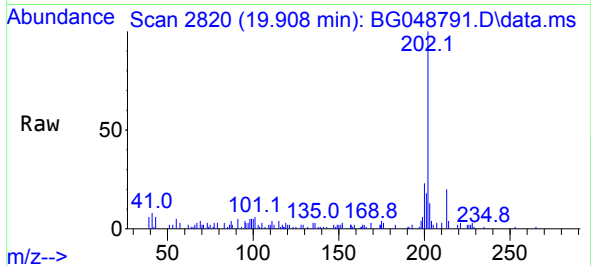




#78
Pyrene
Concen: 2.29 ng
RT: 19.908 min Scan# 2820
Delta R.T. -0.005 min
Lab File: BG048791.D
Acq: 20 Apr 2021 9:47

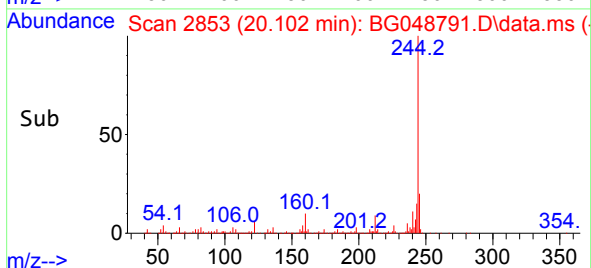
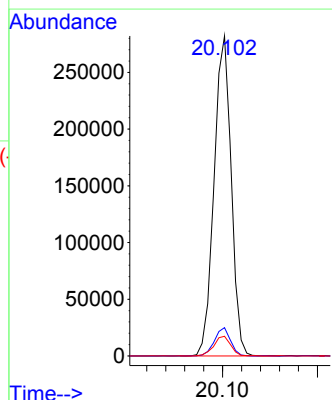
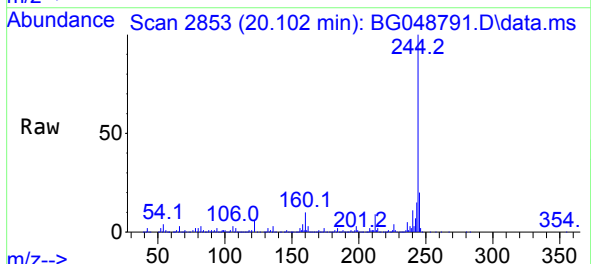
Instrument :
BNA_G
ClientSampleId :
VNPH2-B-10D

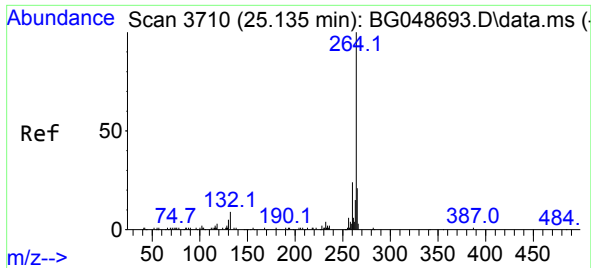
Tgt Ion:202 Resp: 20676
Ion Ratio Lower Upper
202 100
200 22.8 15.8 23.8
203 12.6 14.6 21.8#



#79
Terphenyl-d14
Concen: 46.71 ng
RT: 20.102 min Scan# 2853
Delta R.T. -0.005 min
Lab File: BG048791.D
Acq: 20 Apr 2021 9:47

Tgt Ion:244 Resp: 354145
Ion Ratio Lower Upper
244 100
212 8.9 6.9 10.3
122 6.1 5.0 7.6





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.125 min Scan# 3708
 Delta R.T. -0.017 min
 Lab File: BG048791.D
 Acq: 20 Apr 2021 9:47

Instrument :
 BNA_G
 ClientSampleId :
 VNPH2-B-10D

Tgt Ion:264 Resp: 132578
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.4 29.2
 265 18.6 16.9 25.3

