

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030421\
 Data File : BG048330.D
 Acq On : 4 Mar 2021 16:04
 Operator : CG/JU
 Sample : M1545-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-20A

Manual Integrations
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Quant Time: Mar 04 16:51:13 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	8.110	152	44898	20.00	ng	# 0.00
21) Naphthalene-d8	11.153	136	156192m	20.00	ng	0.23
39) Acenaphthene-d10	14.819	164	105779	20.00	ng	0.08
64) Phenanthrene-d10	17.499	188	249526	20.00	ng	# 0.01
76) Chrysene-d12	21.764	240	260676	20.00	ng	# 0.00
86) Perylene-d12	25.060	264	255797	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.812	112	196197m	74.38	ng	0.12
7) Phenol-d6	7.346	99	662	0.17	ng	0.03
23) Nitrobenzene-d5	9.326	82	392388	106.27	ng	0.04
42) 2,4,6-Tribromophenol	16.271	330	249179	147.28	ng	0.03
45) 2-Fluorobiphenyl	13.521	172	724352	96.00	ng	0.16
79) Terphenyl-d14	20.084	244	1032738	72.39	ng	0.00

Target Compounds	Qvalue

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

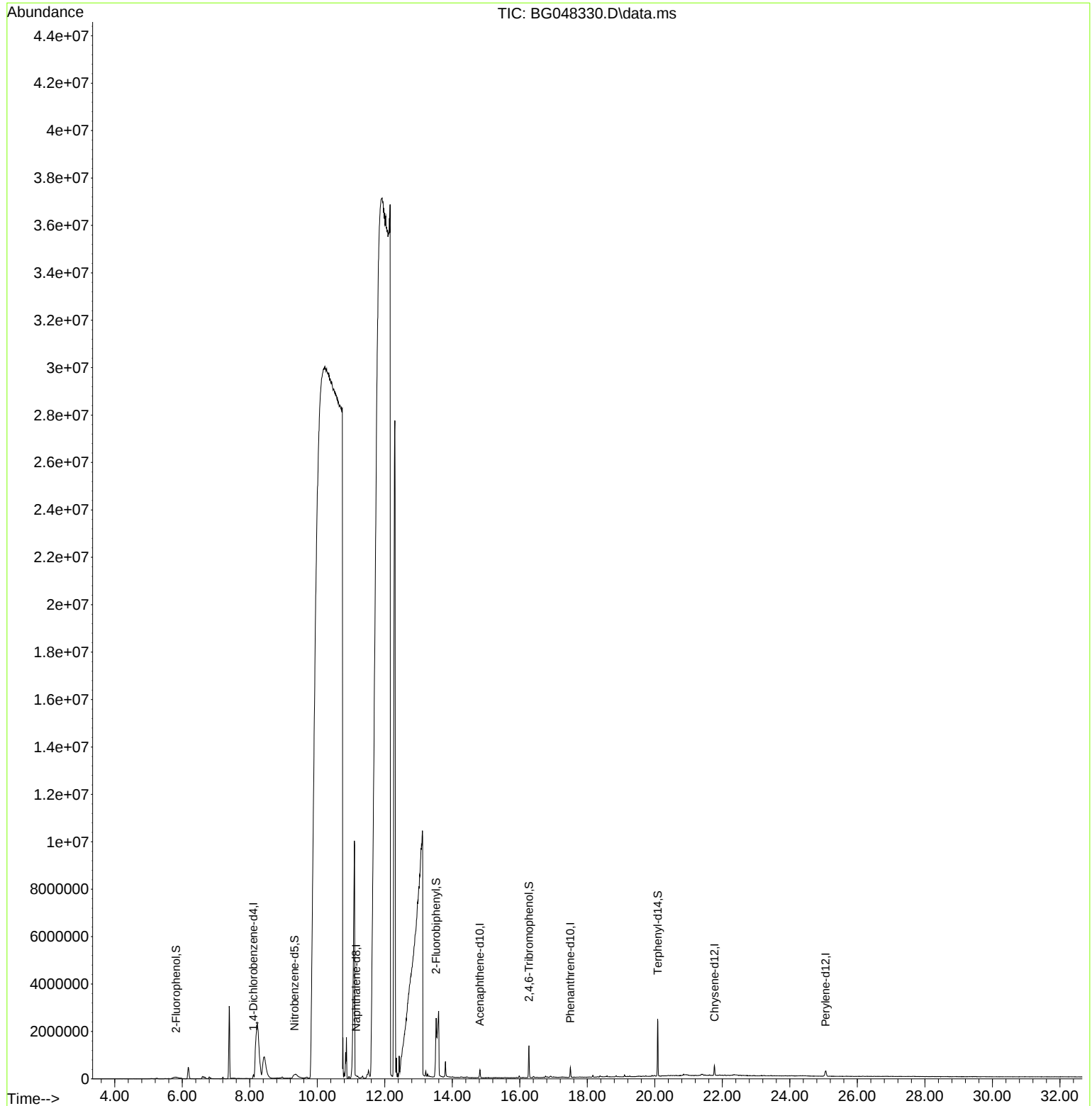
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030421\
Data File : BG048330.D
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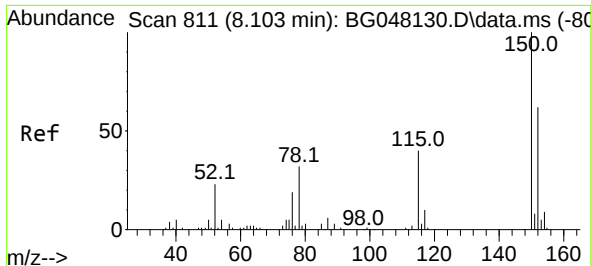
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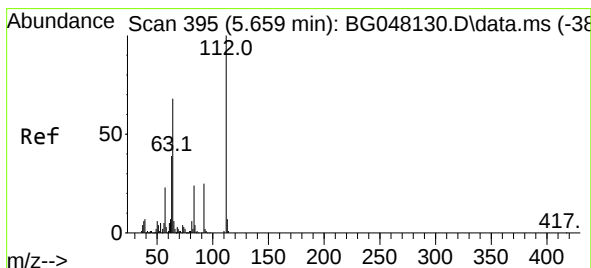
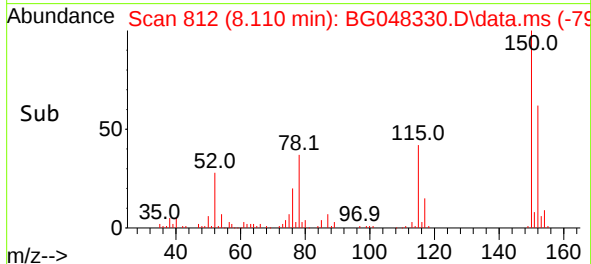
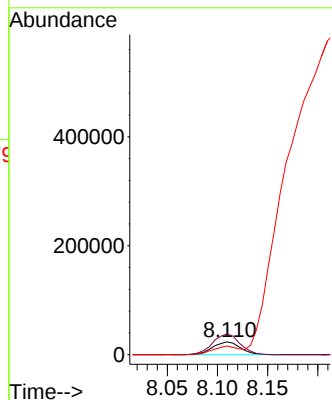
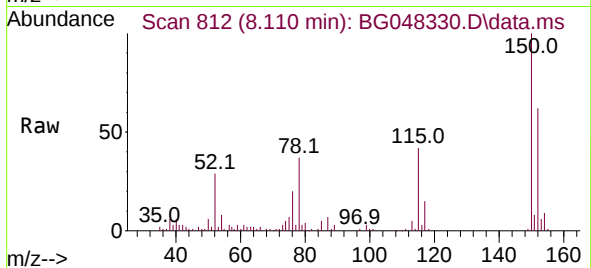
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.110 min Scan# 812
Delta R.T. 0.008 min
Lab File: BG048330.D
Acq: 4 Mar 2021 16:04

Tgt Ion:152 Resp: 44898
Ion Ratio Lower Upper
152 100
150 162.1 125.0 187.6
115 67.8 41.8 62.6#

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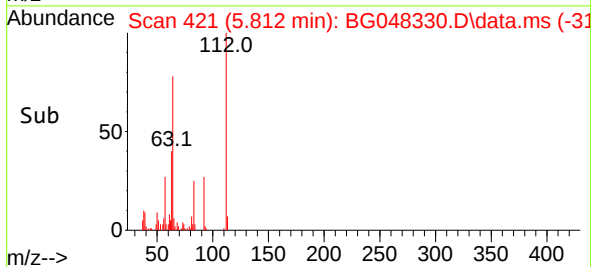
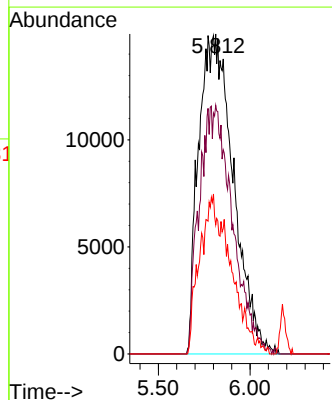
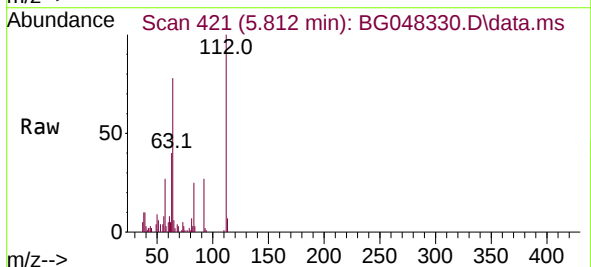
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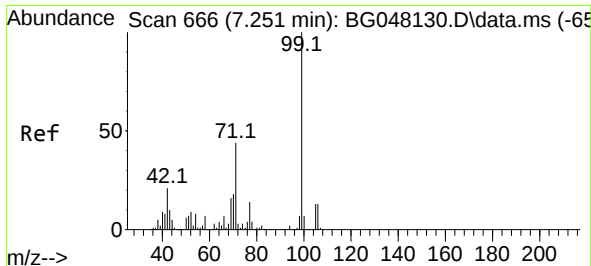
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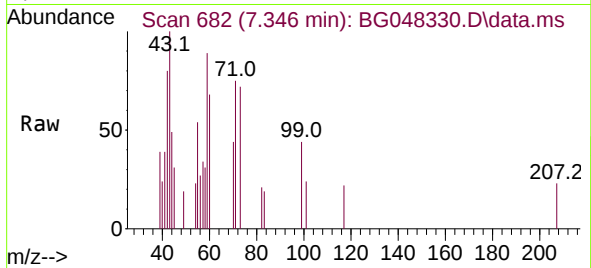
#5
2-Fluorophenol
Concen: 74.38 ng m
RT: 5.812 min Scan# 421
Delta R.T. 0.125 min
Lab File: BG048330.D
Acq: 4 Mar 2021 16:04

Tgt Ion:112 Resp: 196197
Ion Ratio Lower Upper
112 100
64 77.7 46.7 70.1#
63 40.4 22.8 34.2#

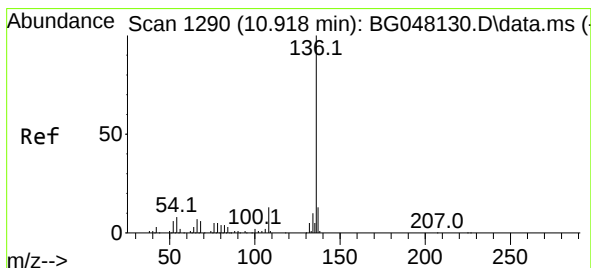
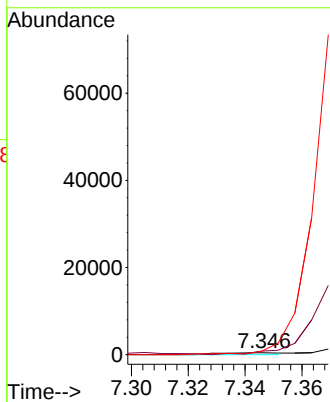
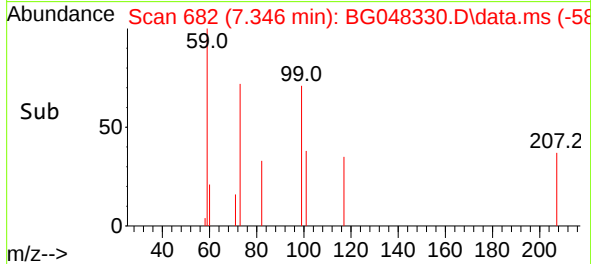




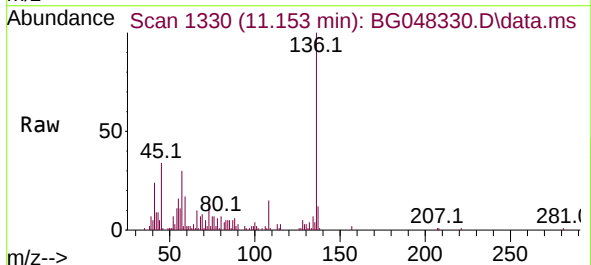
#7
Phenol-d6
Concen: 0.17 ng
RT: 7.346 min Scan# 682
Delta R.T. 0.031 min
Lab File: BG048330.D
Acq: 4 Mar 2021 16:04



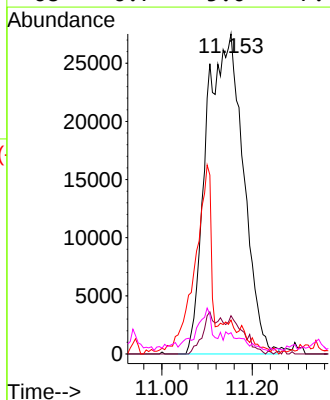
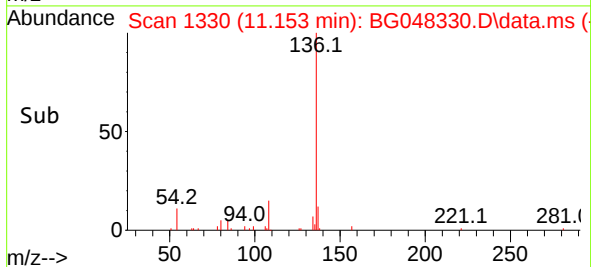
Tgt Ion	Ratio	Lower	Upper
99	100		
42	180.1	12.8	19.2#
71	170.1	24.6	36.8#



#21
Naphthalene-d8
Concen: 20.00 ng m
RT: 11.153 min Scan# 1330
Delta R.T. 0.231 min
Lab File: BG048330.D
Acq: 4 Mar 2021 16:04



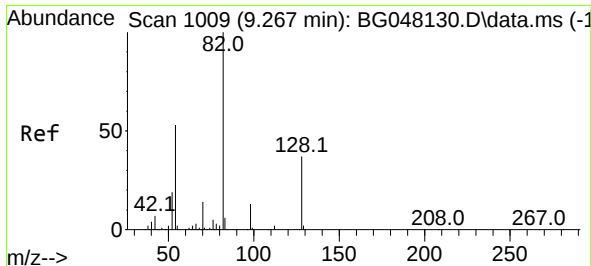
Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.1	13.7
54	10.6	6.2	9.4#
68	6.7	5.0	7.4



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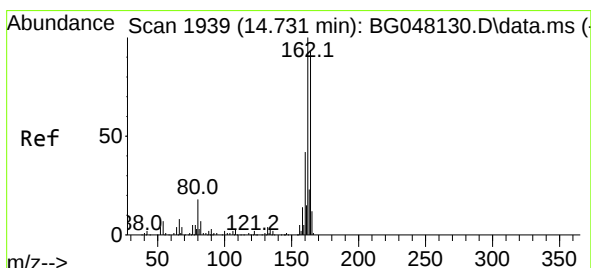
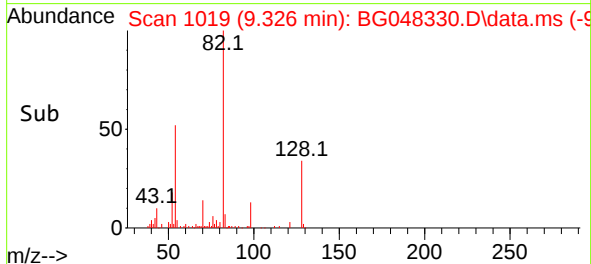
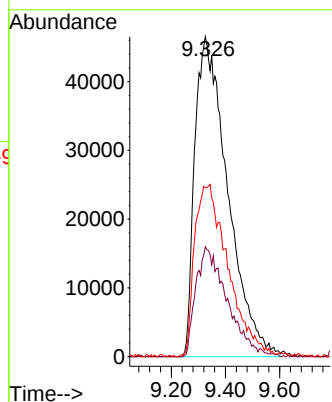
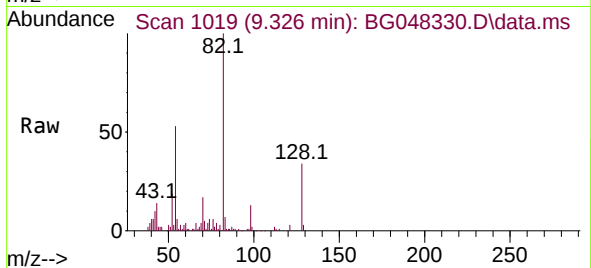
#23
Nitrobenzene-d5
Concen: 106.27 ng
RT: 9.326 min Scan# 1019
Delta R.T. 0.043 min
Lab File: BG048330.D
Acq: 4 Mar 2021 16:04

Tgt Ion: 82 Resp: 392388
Ion Ratio Lower Upper
82 100
128 34.3 37.0 55.6#
54 52.8 39.0 58.4

Instrument :
BNA_G
ClientSampled :
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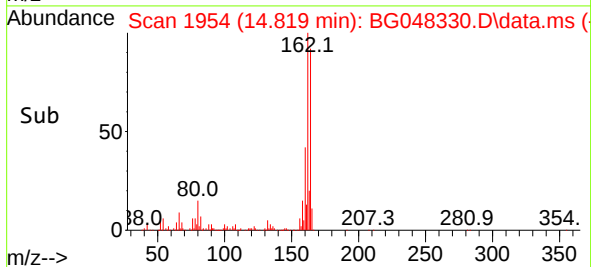
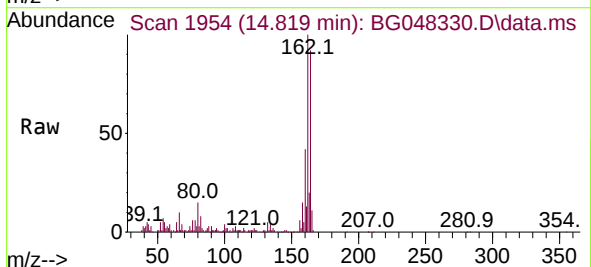
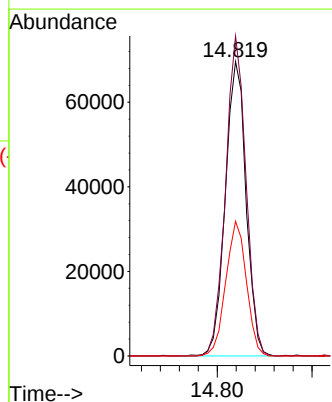
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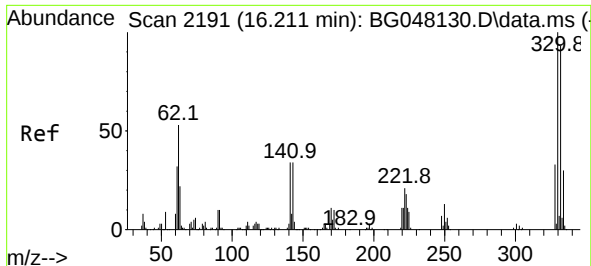
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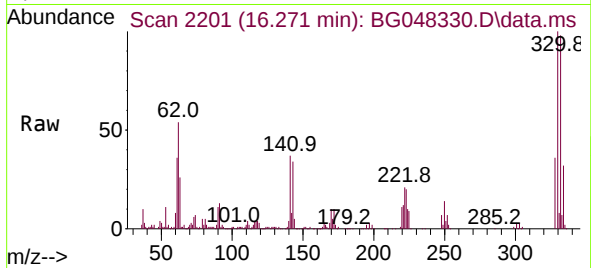
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.819 min Scan# 1954
Delta R.T. 0.084 min
Lab File: BG048330.D
Acq: 4 Mar 2021 16:04

Tgt Ion:164 Resp: 105779
Ion Ratio Lower Upper
164 100
162 108.7 82.3 123.5
160 45.8 35.3 52.9

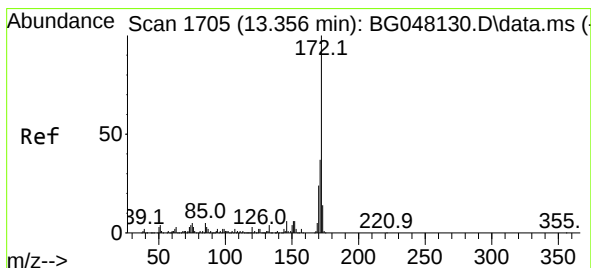
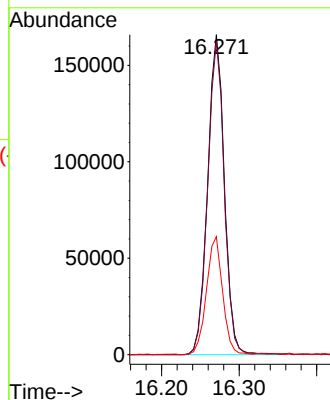
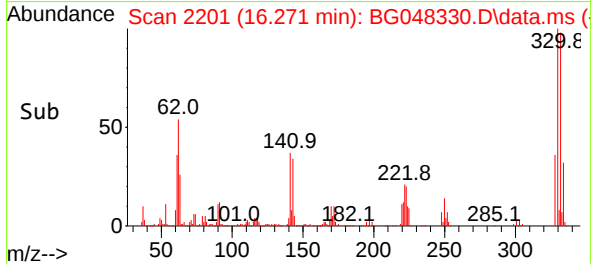




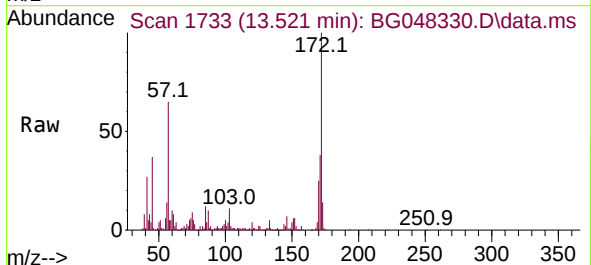
#42
2,4,6-Tribromophenol
Concen: 147.28 ng
RT: 16.271 min Scan# 2201
Delta R.T. 0.031 min
Lab File: BG048330.D
Acq: 4 Mar 2021 16:04



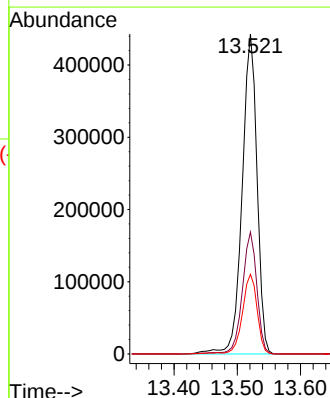
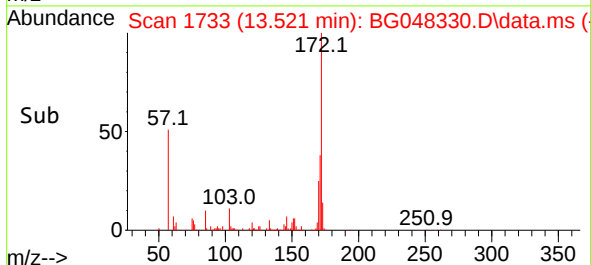
Tgt Ion:330 Resp: 249179
Ion Ratio Lower Upper
330 100
332 96.8 76.5 114.7
141 35.6 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 96.00 ng
RT: 13.521 min Scan# 1733
Delta R.T. 0.160 min
Lab File: BG048330.D
Acq: 4 Mar 2021 16:04



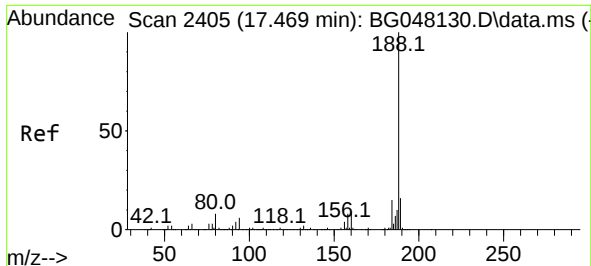
Tgt Ion:172 Resp: 724352
Ion Ratio Lower Upper
172 100
171 38.1 31.3 46.9
170 24.9 20.8 31.2



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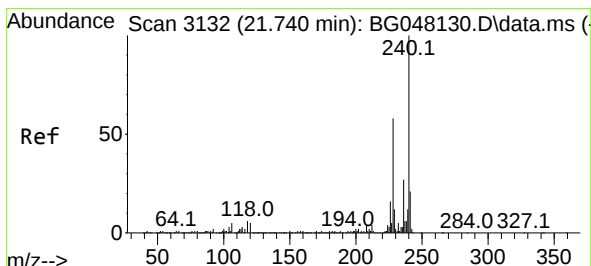
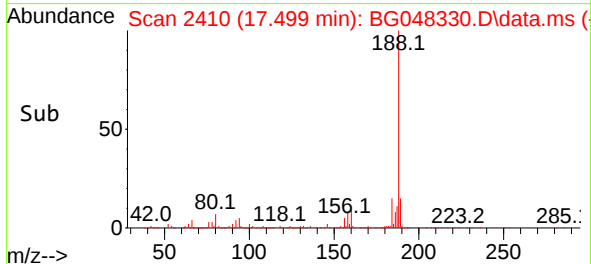
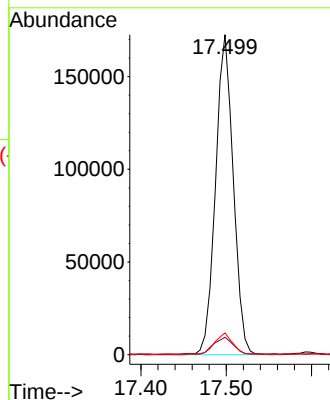
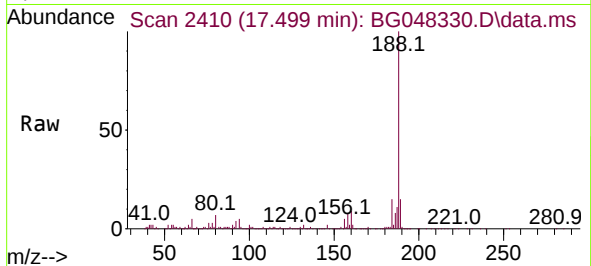
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.499 min Scan# 2410
Delta R.T. 0.013 min
Lab File: BG048330.D
Acq: 4 Mar 2021 16:04

Tgt Ion:188 Resp: 249526
Ion Ratio Lower Upper
188 100
94 5.4 6.3 9.5#
80 6.8 7.0 10.6#

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MH-20A

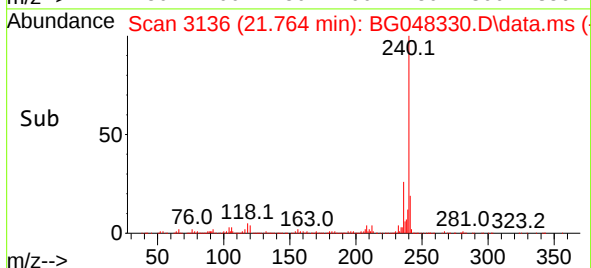
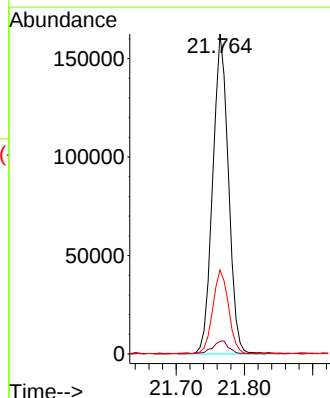
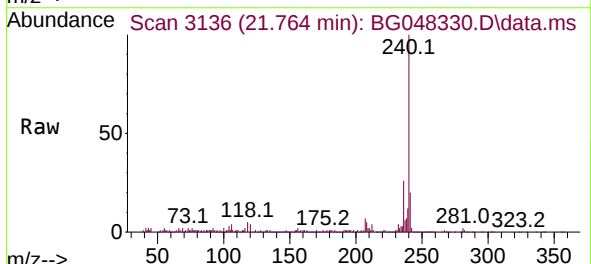
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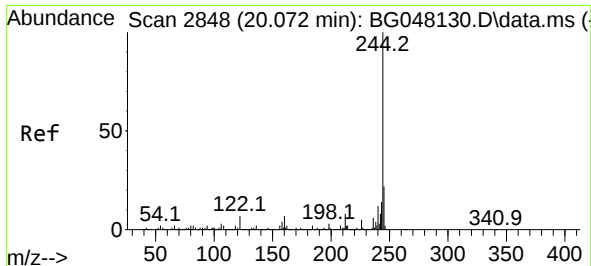
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#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.764 min Scan# 3136
Delta R.T. -0.004 min
Lab File: BG048330.D
Acq: 4 Mar 2021 16:04

Tgt Ion:240 Resp: 260676
Ion Ratio Lower Upper
240 100
120 4.0 6.2 9.4#
236 26.2 20.5 30.7





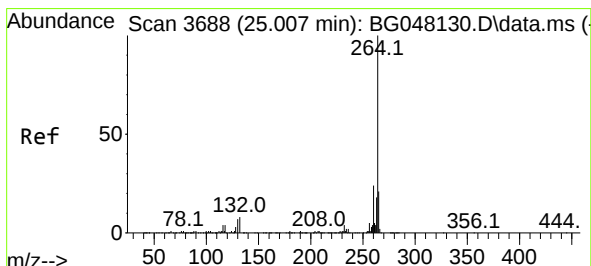
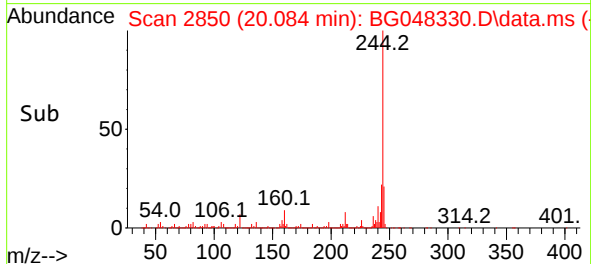
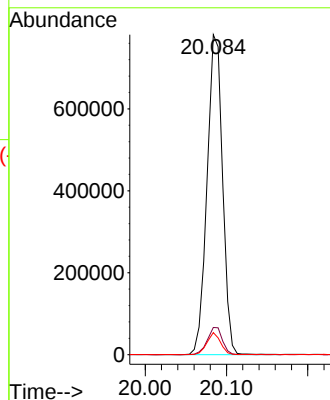
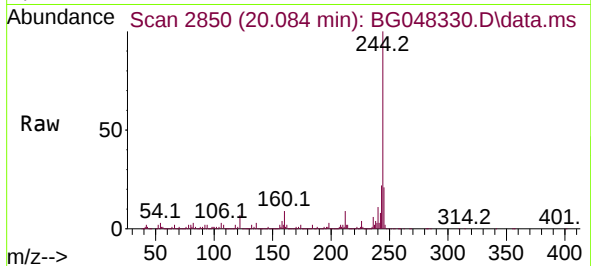
#79
 Terphenyl-d14
 Concen: 72.39 ng
 RT: 20.084 min Scan# 2850
 Delta R.T. 0.002 min
 Lab File: BG048330.D
 Acq: 4 Mar 2021 16:04

Tgt Ion:244 Resp: 1032738
 Ion Ratio Lower Upper
 244 100
 212 8.5 6.7 10.1
 122 6.9 7.8 11.6#

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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.060 min Scan# 3697
 Delta R.T. -0.004 min
 Lab File: BG048330.D
 Acq: 4 Mar 2021 16:04

Tgt Ion:264 Resp: 255797
 Ion Ratio Lower Upper
 264 100
 260 24.7 18.8 28.2
 265 22.3 17.8 26.8

