

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111120\
 Data File : BG047280.D
 Acq On : 10 Nov 2020 22:26
 Operator : CG/JU
 Sample : L4671-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 2B

Manual Integrations
 APPROVED

mohammad
 11/11/2020 11:52:48 AM

Quant Time: Nov 11 02:01:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG110420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 04 16:19:40 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.015	152	62478	20.00	ng	0.00
21) Naphthalene-d8	10.823	136	248915	20.00	ng	# 0.00
39) Acenaphthene-d10	14.648	164	166600	20.00	ng	0.00
64) Phenanthrene-d10	17.398	188	338445	20.00	ng	0.00
76) Chrysene-d12	21.693	240	366641	20.00	ng	0.05
86) Perylene-d12	24.907	264	344533	20.00	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.582	112	365327	94.78	ng	0.02
7) Phenol-d6	7.186	99	510771	91.54	ng	0.03
23) Nitrobenzene-d5	9.178	82	357560	61.65	ng	0.00
42) 2,4,6-Tribromophenol	16.141	330	248454	89.06	ng	0.00
45) 2-Fluorobiphenyl	13.273	172	833533	64.17	ng	0.00
79) Terphenyl-d14	20.024	244	1262636	60.56	ng	0.03
Target Compounds						
32) Benzoic acid	10.130	122	4963m	6.23	ng	Qvalue
50) Dimethylphthalate	14.096	163	87997	5.98	ng	100
75) Fluoranthene	19.460	202	50384	2.01	ng	# 40
78) Pyrene	19.824	202	55664	2.18	ng	# 15

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

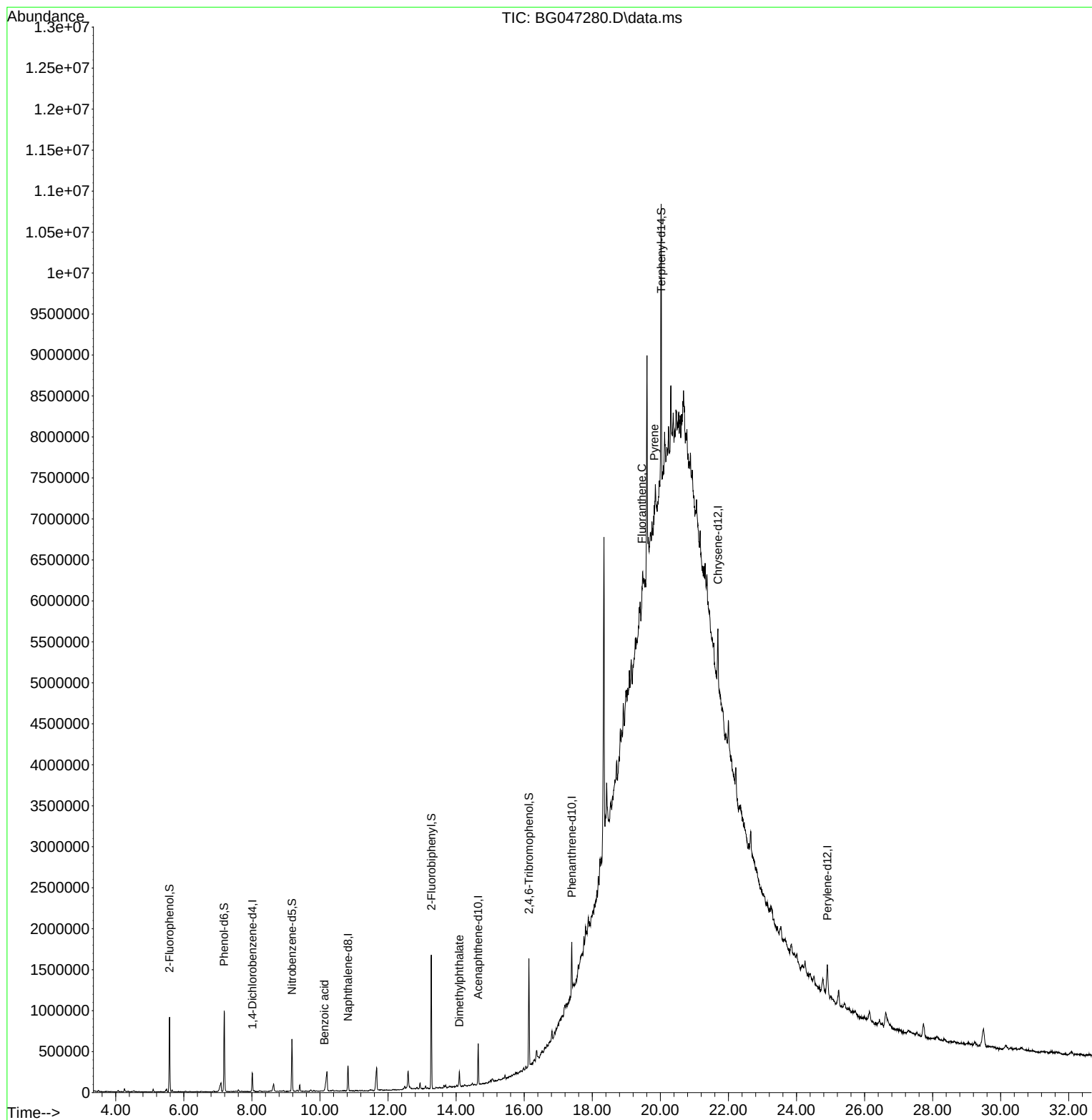
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111120\
Data File : BG047280.D
Acq On : 10 Nov 2020 22:26
Operator : CG/JU
Sample : L4671-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

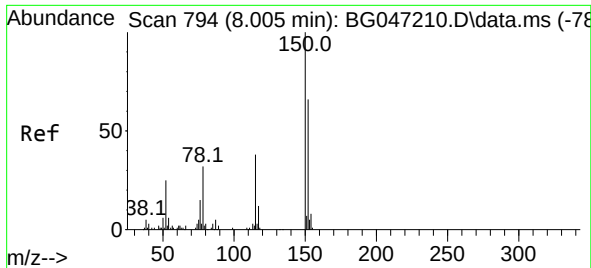
Instrument :
BNA_G
ClientSampleId :
2B

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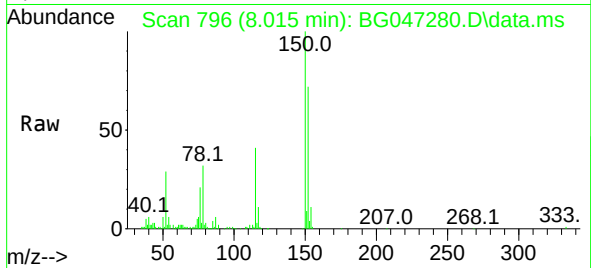
mohammad
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Quant Time: Nov 11 02:01:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG110420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 04 16:19:40 2020
Response via : Initial Calibration

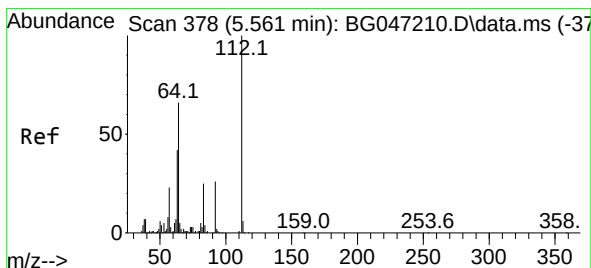
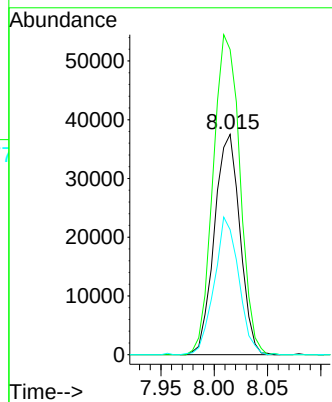
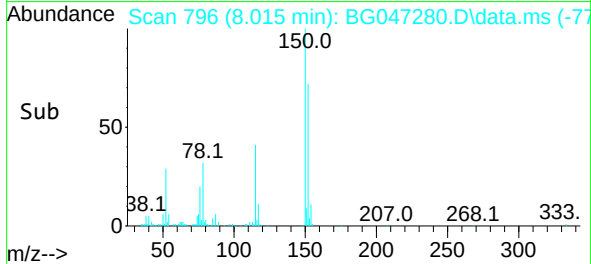




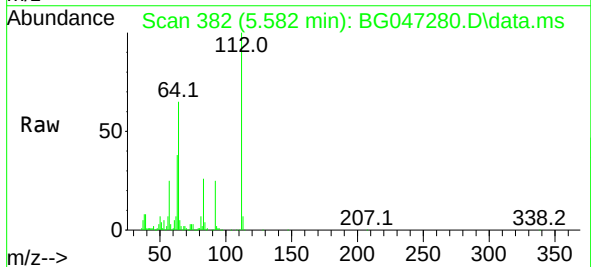
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.015 min Scan# 796
Delta R.T. 0.010 min
Lab File: BG047280.D
Acq: 10 Nov 2020 22:26



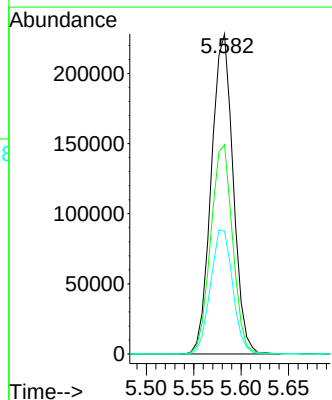
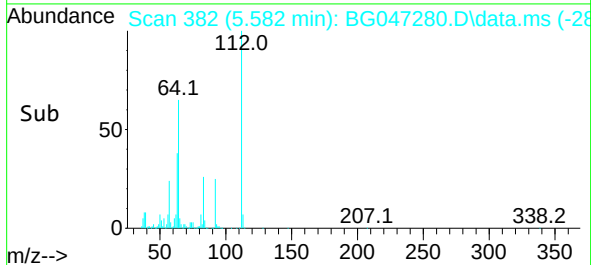
Tgt Ion:152 Resp: 62478
Ion Ratio Lower Upper
152 100
150 138.5 125.0 187.6
115 56.7 41.8 62.6



#5
2-Fluorophenol
Concen: 94.78 ng
RT: 5.582 min Scan# 382
Delta R.T. 0.021 min
Lab File: BG047280.D
Acq: 10 Nov 2020 22:26



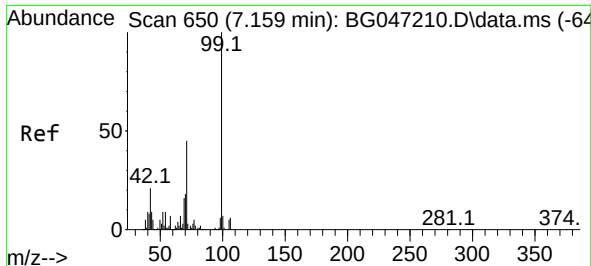
Tgt Ion:112 Resp: 365327
Ion Ratio Lower Upper
112 100
64 65.4 46.7 70.1
63 38.3 22.8 34.2#



Instrument :
BNA_G
ClientSampleId :
2B

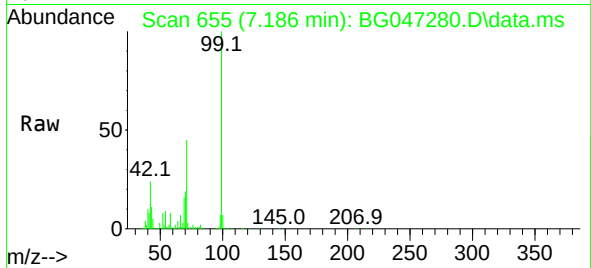
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#7
Phenol-d6
Concen: 91.54 ng
RT: 7.186 min Scan# 655
Delta R.T. 0.027 min
Lab File: BG047280.D
Acq: 10 Nov 2020 22:26

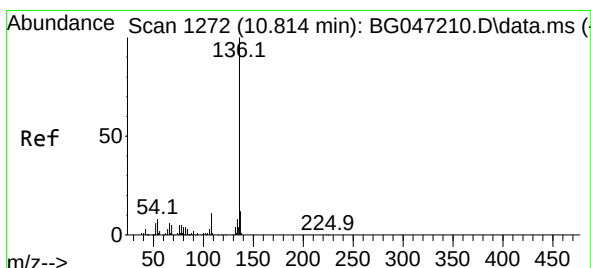
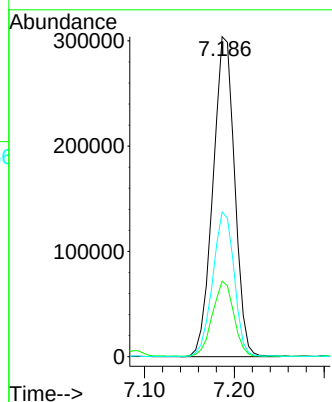
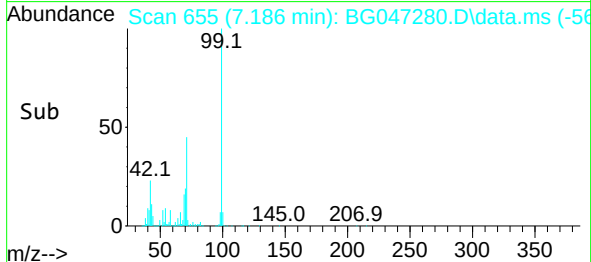
Instrument :
BNA_G
ClientSampled :
2B



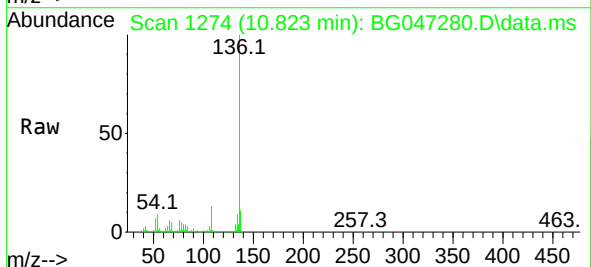
Tgt Ion: 99 Resp: 510771
Ion Ratio Lower Upper
99 100
42 23.6 12.8 19.2#
71 45.2 24.6 36.8#

Manual Integrations
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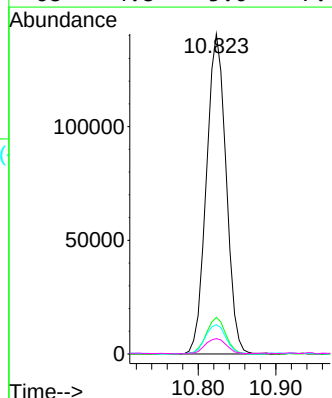
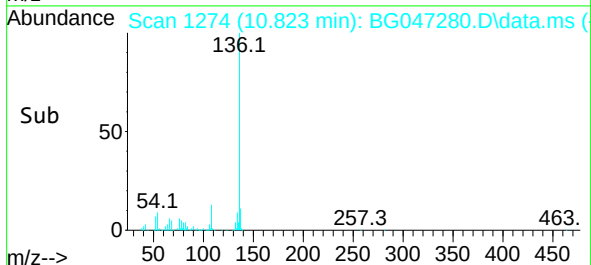
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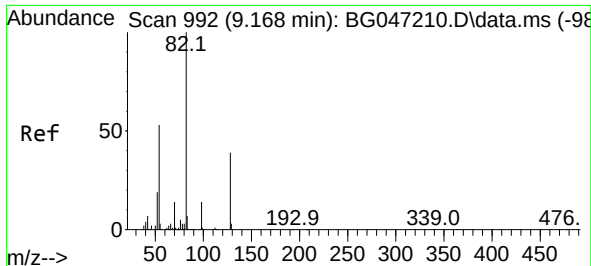


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.823 min Scan# 1274
Delta R.T. 0.009 min
Lab File: BG047280.D
Acq: 10 Nov 2020 22:26



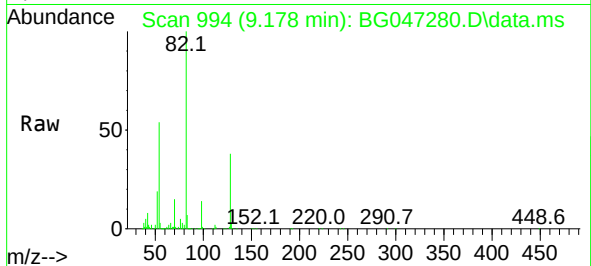
Tgt Ion: 136 Resp: 248915
Ion Ratio Lower Upper
136 100
137 11.5 9.1 13.7
54 9.2 6.2 9.4
68 4.8 5.0 7.4#





#23
Nitrobenzene-d5
Concen: 61.65 ng
RT: 9.178 min Scan# 994
Delta R.T. 0.010 min
Lab File: BG047280.D
Acq: 10 Nov 2020 22:26

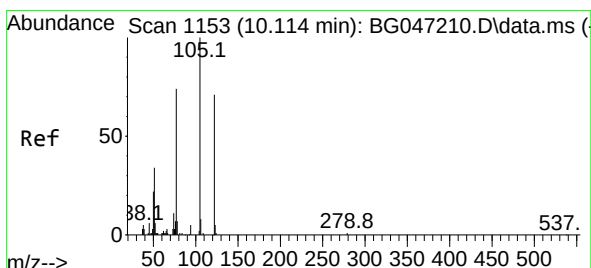
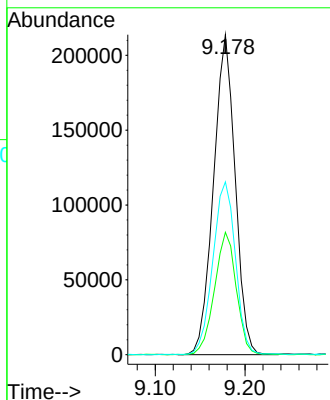
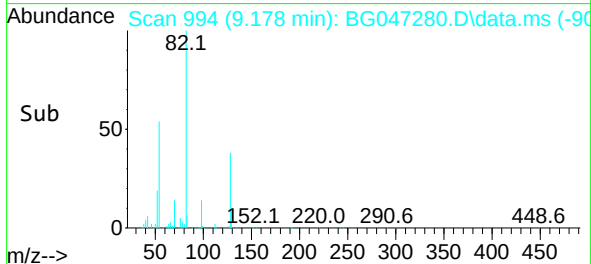
Instrument :
BNA_G
ClientSampled :
2B



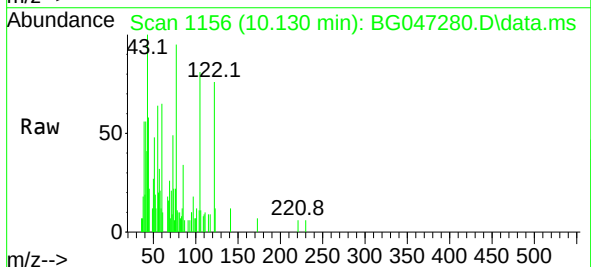
Tgt Ion: 82 Resp: 357560
Ion Ratio Lower Upper
82 100
128 38.2 37.0 55.6
54 54.0 39.0 58.4

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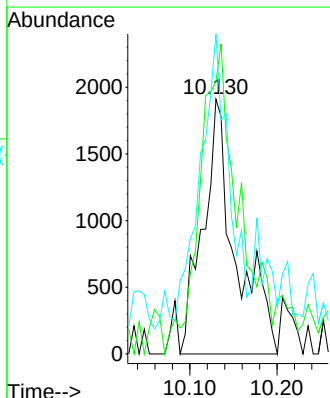
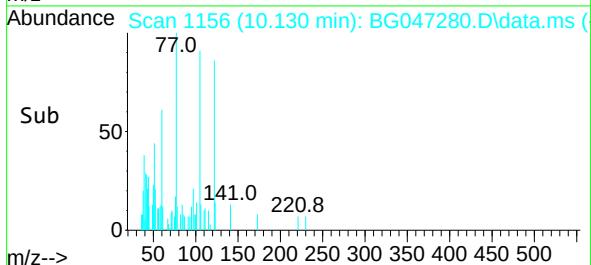
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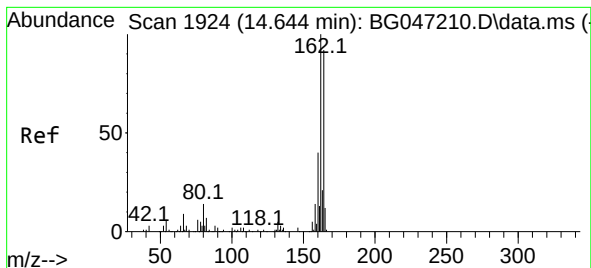


#32
Benzoic acid
Concen: 6.23 ng m
RT: 10.130 min Scan# 1156
Delta R.T. 0.016 min
Lab File: BG047280.D
Acq: 10 Nov 2020 22:26



Tgt Ion: 122 Resp: 4963
Ion Ratio Lower Upper
122 100
105 106.8 103.7 143.7
77 125.6 63.0 103.0#





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.648 min Scan# 1925

Delta R.T. 0.004 min

Lab File: BG047280.D

Acq: 10 Nov 2020 22:26

Tgt Ion:164 Resp: 166600

Ion Ratio Lower Upper

164 100

162 107.6 82.3 123.5

160 43.8 35.3 52.9

Instrument :

BNA_G

ClientSampleId :

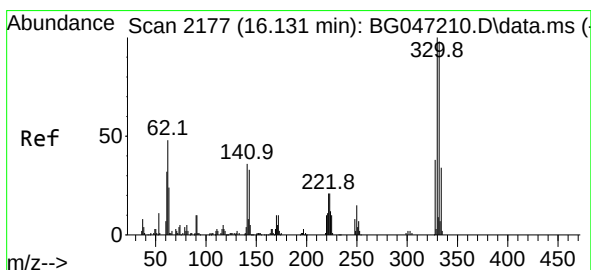
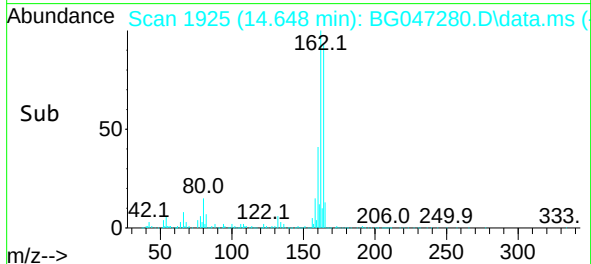
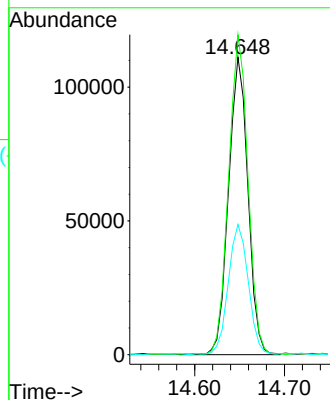
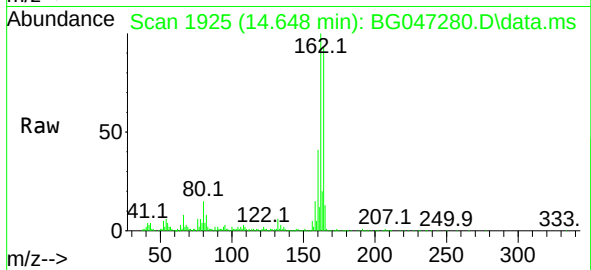
2B

Manual Integrations

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#42

2,4,6-Tribromophenol

Concen: 89.06 ng

RT: 16.141 min Scan# 2179

Delta R.T. 0.010 min

Lab File: BG047280.D

Acq: 10 Nov 2020 22:26

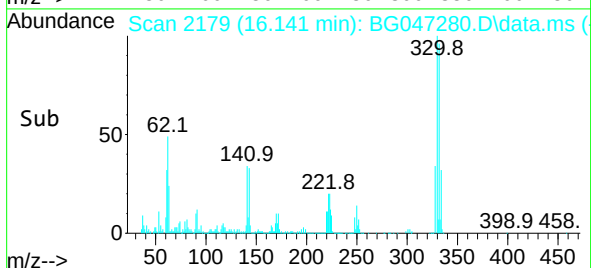
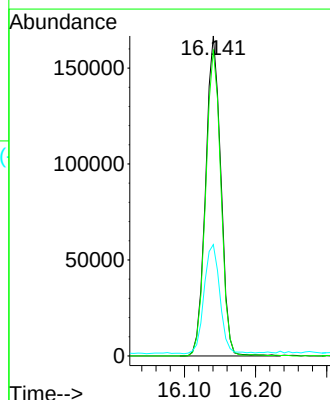
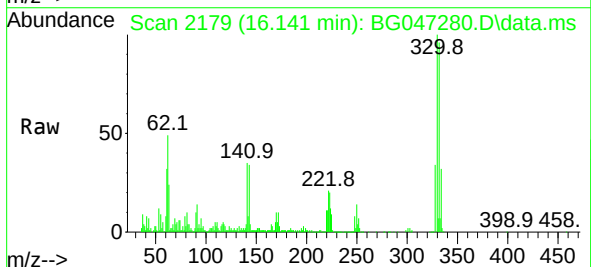
Tgt Ion:330 Resp: 248454

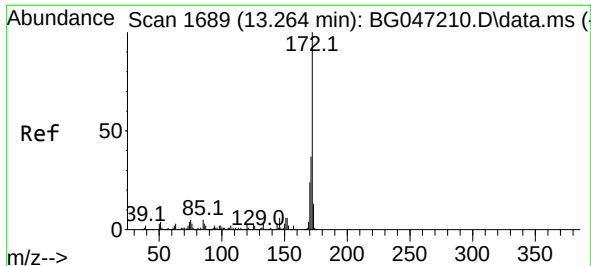
Ion Ratio Lower Upper

330 100

332 94.8 76.5 114.7

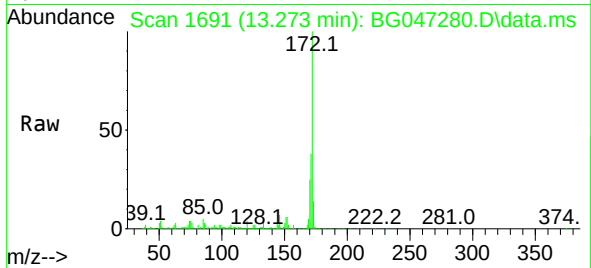
141 35.5 26.0 39.0





#45
2-Fluorobiphenyl
Concen: 64.17 ng
RT: 13.273 min Scan# 1691
Delta R.T. 0.010 min
Lab File: BG047280.D
Acq: 10 Nov 2020 22:26

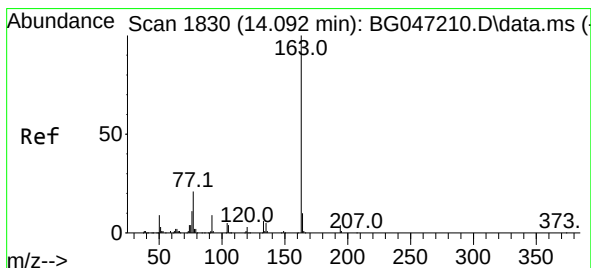
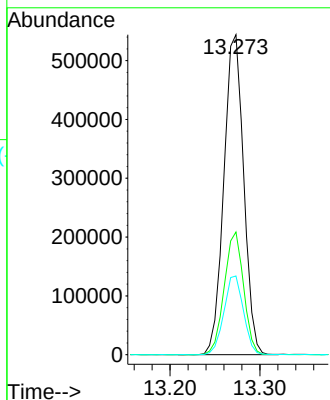
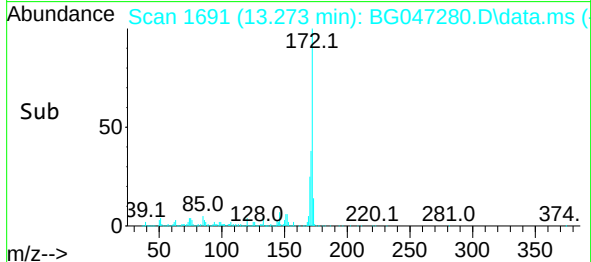
Instrument :
BNA_G
ClientSampleId :
2B



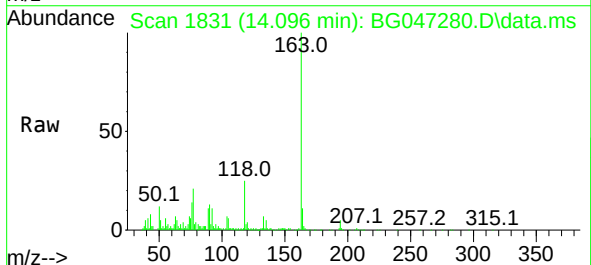
Tgt Ion:172 Resp: 833533
Ion Ratio Lower Upper
172 100
171 38.4 31.3 46.9
170 24.6 20.8 31.2

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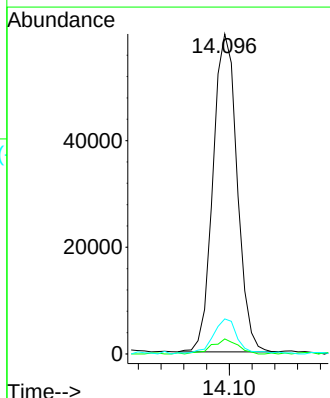
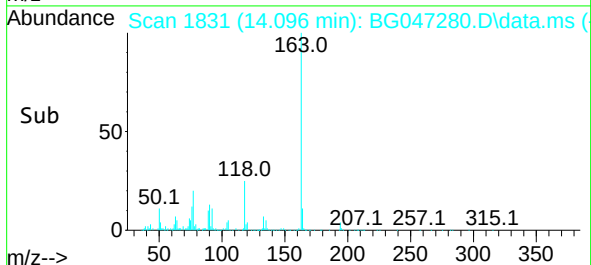
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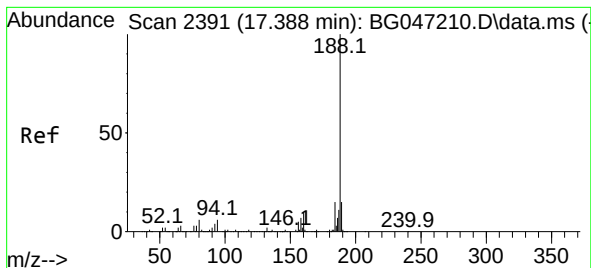


#50
Dimethylphthalate
Concen: 5.98 ng
RT: 14.096 min Scan# 1831
Delta R.T. 0.004 min
Lab File: BG047280.D
Acq: 10 Nov 2020 22:26



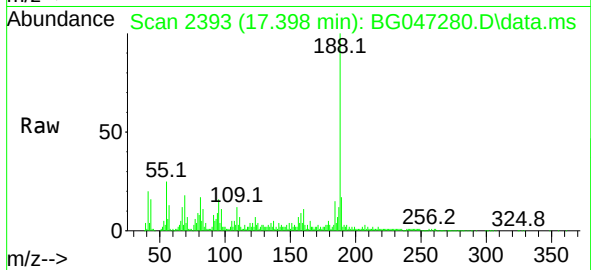
Tgt Ion:163 Resp: 87997
Ion Ratio Lower Upper
163 100
194 4.7 3.8 5.8
164 10.9 8.8 13.2





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.398 min Scan# 2393
Delta R.T. 0.010 min
Lab File: BG047280.D
Acq: 10 Nov 2020 22:26

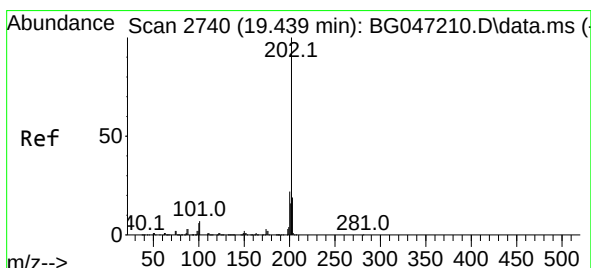
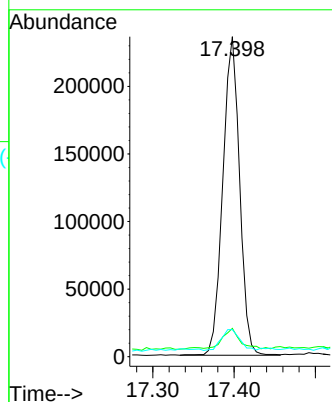
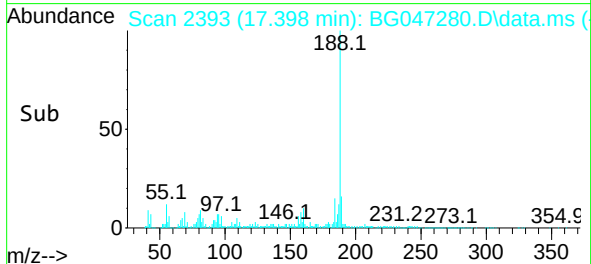
Instrument :
BNA_G
ClientSampleId :
2B



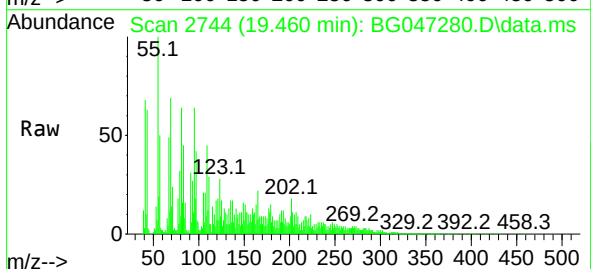
Tgt Ion:188 Resp: 338445
Ion Ratio Lower Upper
188 100
94 8.9 6.3 9.5
80 8.5 7.0 10.6

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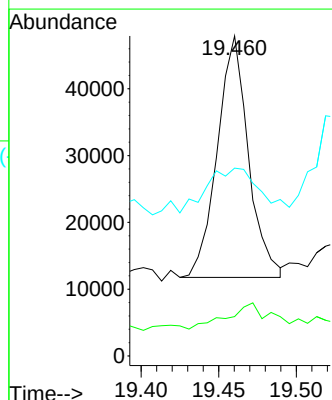
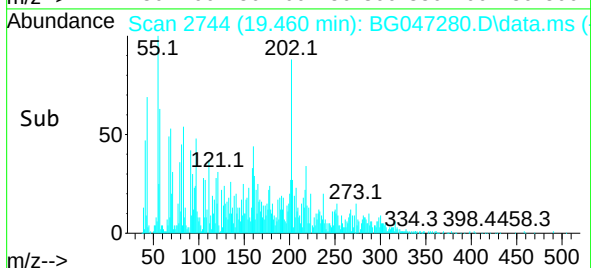
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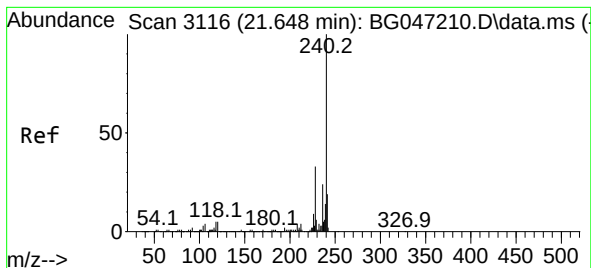


#75
Fluoranthene
Concen: 2.01 ng
RT: 19.460 min Scan# 2744
Delta R.T. 0.021 min
Lab File: BG047280.D
Acq: 10 Nov 2020 22:26



Tgt Ion:202 Resp: 50384
Ion Ratio Lower Upper
202 100
101 12.3 0.0 29.7
203 58.7 0.0 39.2#





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.693 min Scan# 3124

Delta R.T. 0.045 min

Lab File: BG047280.D

Acq: 10 Nov 2020 22:26

Tgt Ion:240 Resp: 366641
 Ion Ratio Lower Upper
 240 100
 120 8.7 6.2 9.4
 236 29.3 20.5 30.7

Instrument :

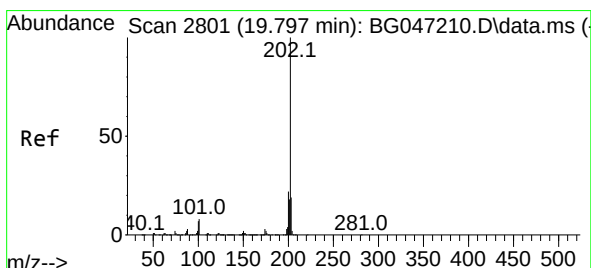
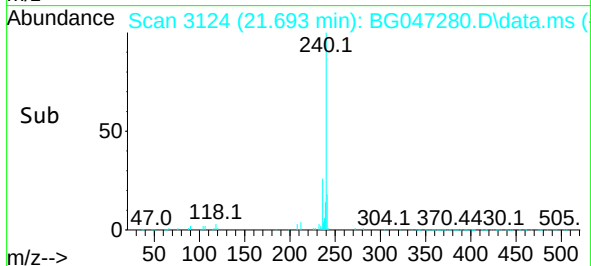
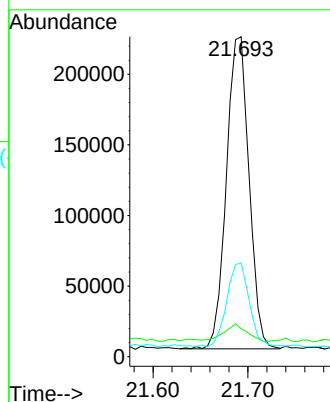
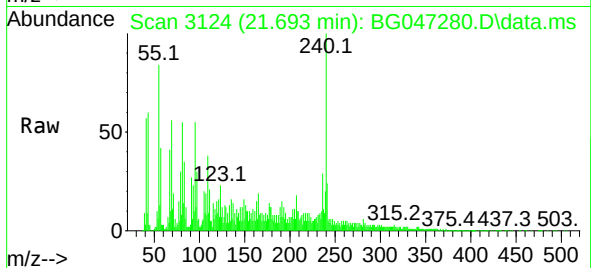
BNA_G

ClientSampleId :

2B

Manual Integrations
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#78

Pyrene

Concen: 2.18 ng

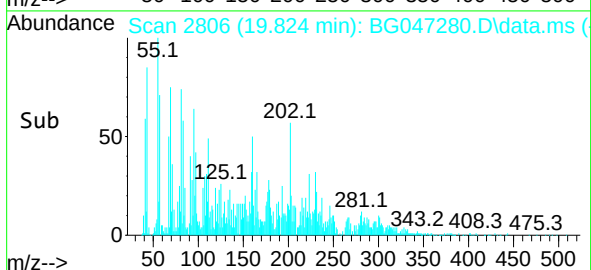
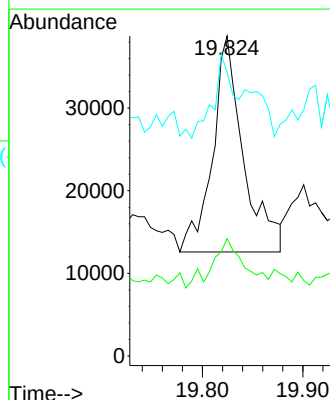
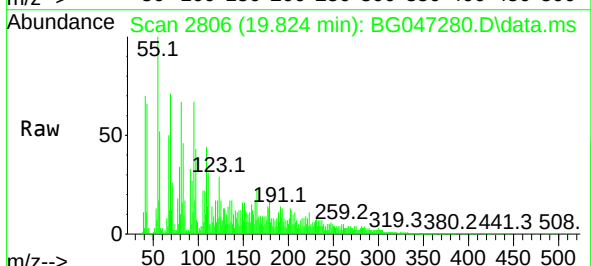
RT: 19.824 min Scan# 2806

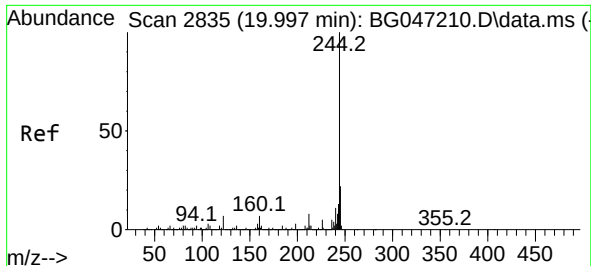
Delta R.T. 0.027 min

Lab File: BG047280.D

Acq: 10 Nov 2020 22:26

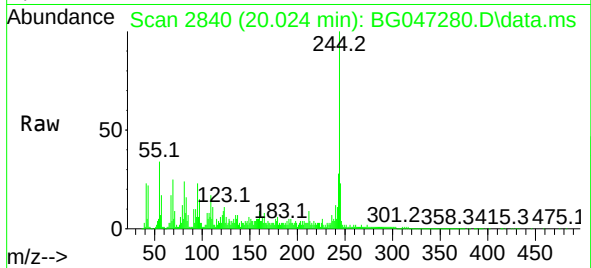
Tgt Ion:202 Resp: 55664
 Ion Ratio Lower Upper
 202 100
 200 36.6 18.6 27.8#
 203 88.7 15.3 22.9#





#79
Terphenyl-d14
Concen: 60.56 ng
RT: 20.024 min Scan# 2840
Delta R.T. 0.027 min
Lab File: BG047280.D
Acq: 10 Nov 2020 22:26

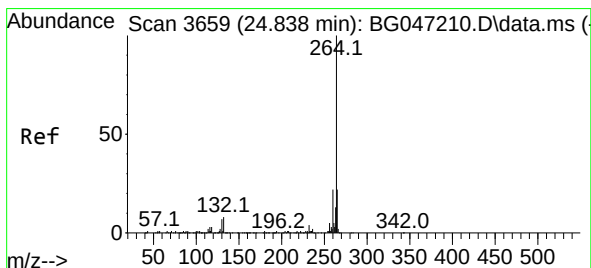
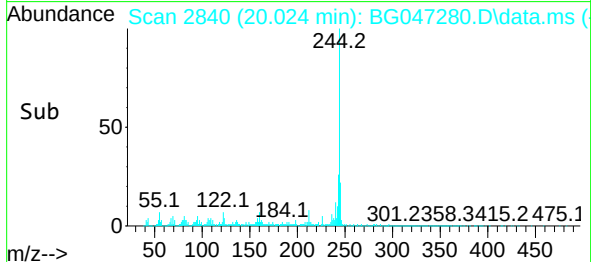
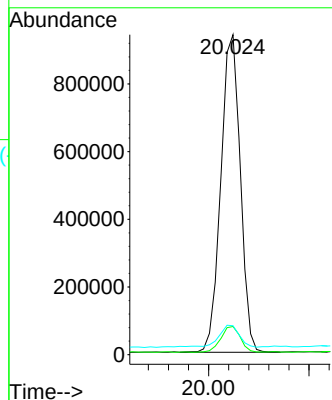
Instrument :
BNA_G
ClientSampled :
2B



Tgt Ion:244 Resp: 1262636
Ion Ratio Lower Upper
244 100
212 8.8 6.7 10.1
122 9.1 7.8 11.6

Manual Integrations
APPROVED

mohammad
11/11/2020 11:52:48 AM



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.907 min Scan# 3671
Delta R.T. 0.069 min
Lab File: BG047280.D
Acq: 10 Nov 2020 22:26

Tgt Ion:264 Resp: 344533
Ion Ratio Lower Upper
264 100
260 23.0 18.8 28.2
265 22.3 17.8 26.8

