

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE033121\
 Data File : BE101162.D
 Acq On : 31 Mar 2021 15:07
 Operator : CG/JU
 Sample : M1835-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 ASR7

Manual Integrations
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Quant Time: Mar 31 16:00:44 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-SIM-BE032421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 31 11:11:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.853	152	4816	0.40	ng	0.00
7) Naphthalene-d8	10.628	136	21639	0.40	ng	#-0.01
13) Acenaphthene-d10	14.458	164	24116	0.40	ng	#-0.01
19) Phenanthrene-d10	17.211	188	34319	0.40	ng	#-0.01
29) Chrysene-d12	21.366	240	40394	0.40	ng	#-0.01
36) Perylene-d12	23.852	264	38233	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.446	112	8099	0.71	ng	0.01
5) Phenol-d6	7.000	99	2919	0.17	ng	0.00
8) Nitrobenzene-d5	9.004	82	13257m	1.03	ng	0.01
11) 2-Methylnaphthalene-d10	12.211	152	12476	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.956	330	1577	0.37	ng	-0.01
15) 2-Fluorobiphenyl	13.090	172	16494	0.18	ng	-0.01
27) Fluoranthene-d10	19.226	212	169414	0.39	ng	0.00
31) Terphenyl-d14	19.830	244	41284	0.45	ng	0.00
Target Compounds						
9) Naphthalene	10.680	128	22963816	104.21	ng	Qvalue # 96
12) 2-Methylnaphthalene	12.283	142	607779	16.04	ng	# 99
17) Acenaphthene	14.516	154	4575	0.07	ng	# 58
18) Fluorene	15.517	166	9888	0.11	ng	# 75
24) Pentachlorophenol	16.863	266	91	0.02	ng	# 60
25) Phenanthrene	17.256	178	11182	0.12	ng	# 85
26) Anthracene	17.347	178	2540	0.03	ng	# 64
28) Fluoranthene	19.255	202	7475	0.06	ng	# 76
30) Pyrene	19.617	202	7650	0.06	ng	# 89
32) Benzo(a)anthracene	21.354	228	2893	0.03	ng	# 24
34) Bis(2-ethylhexyl)phtha...	21.294	149	53062	0.78	ng	100

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

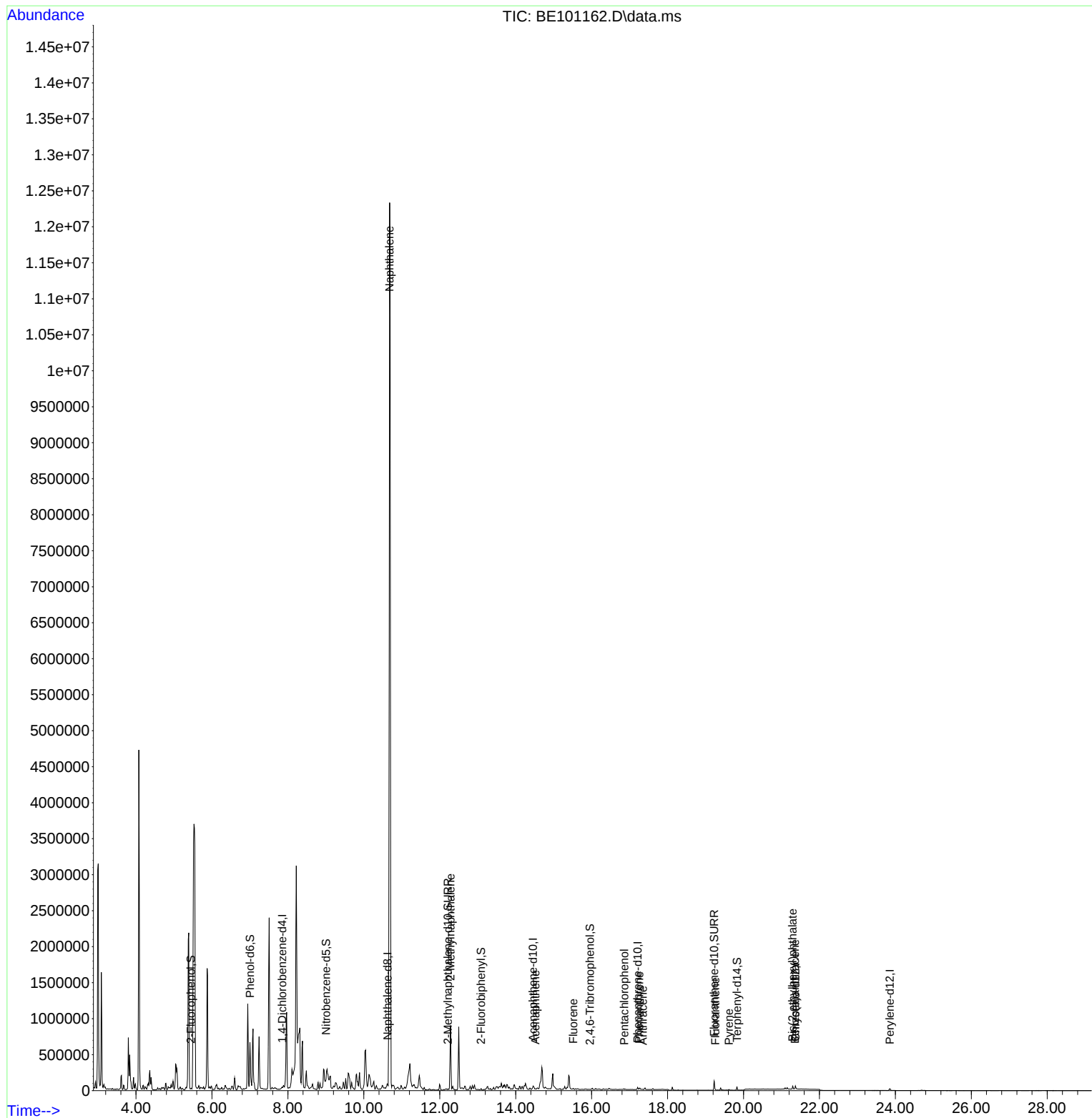
Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE033121\
Data File : BE101162.D
Acq On : 31 Mar 2021 15:07
Operator : CG/JU
Sample : M1835-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

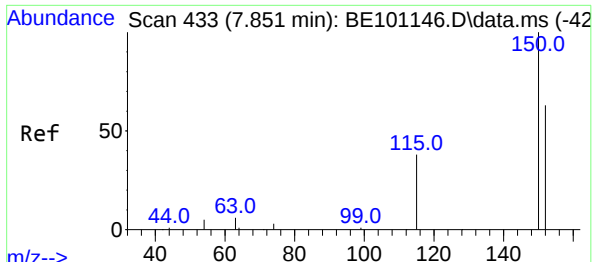
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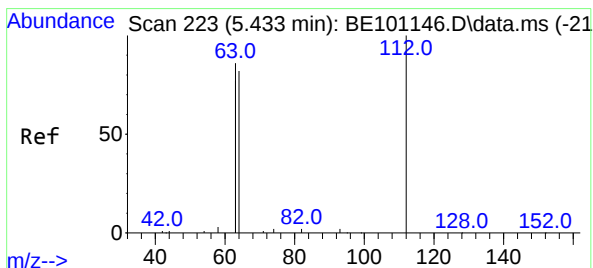
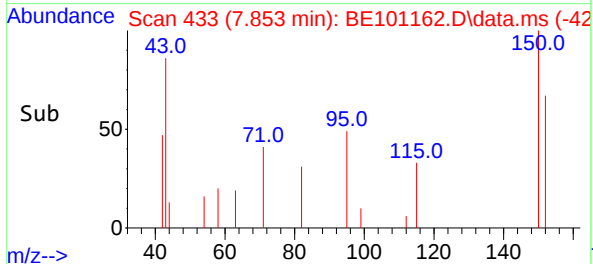
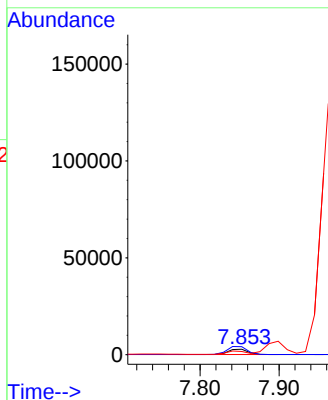
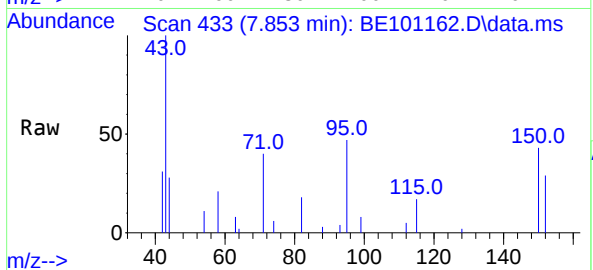
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.853 min Scan# 433
Delta R.T. 0.002 min
Lab File: BE101162.D
Acq: 31 Mar 2021 15:07

Tgt Ion:152 Resp: 4816
Ion Ratio Lower Upper
152 100
150 147.4 126.3 189.5
115 59.3 48.9 73.3

Instrument :
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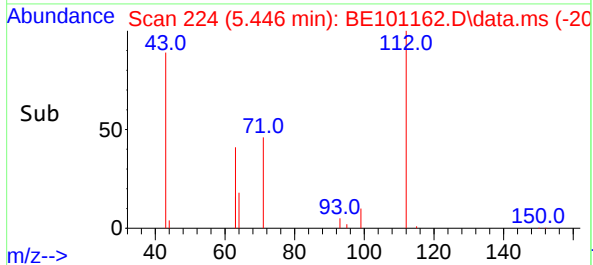
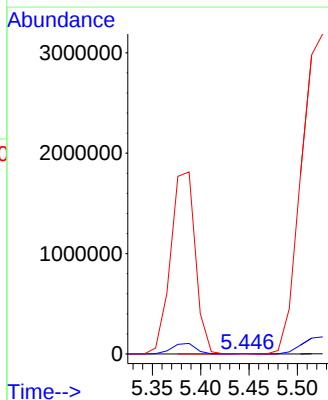
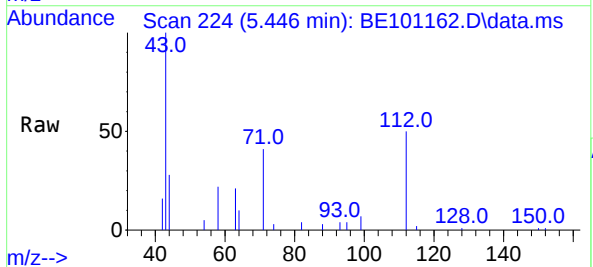
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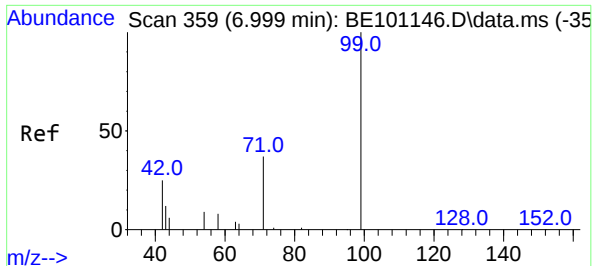
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#4
2-Fluorophenol
Concen: 0.71 ng
RT: 5.446 min Scan# 224
Delta R.T. 0.013 min
Lab File: BE101162.D
Acq: 31 Mar 2021 15:07

Tgt Ion:112 Resp: 8099
Ion Ratio Lower Upper
112 100
64 0.0 60.8 91.2#
63 0.0 119.4 179.0#





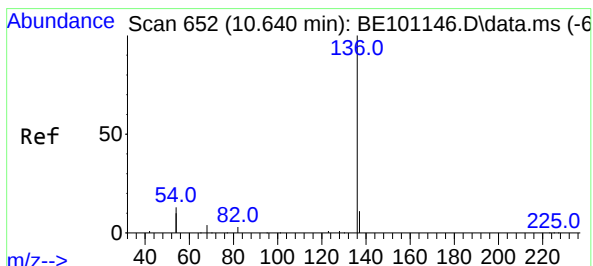
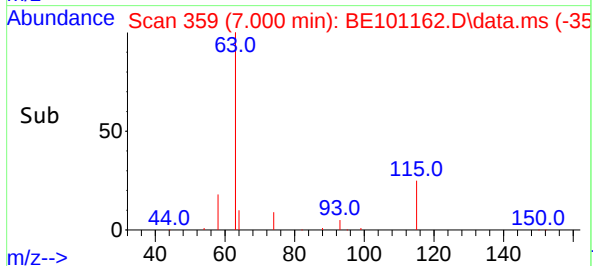
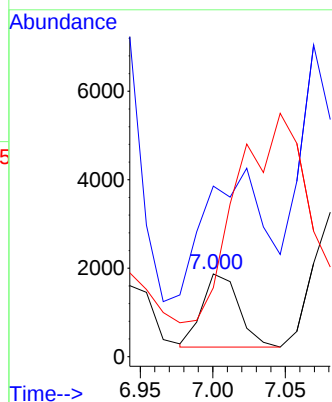
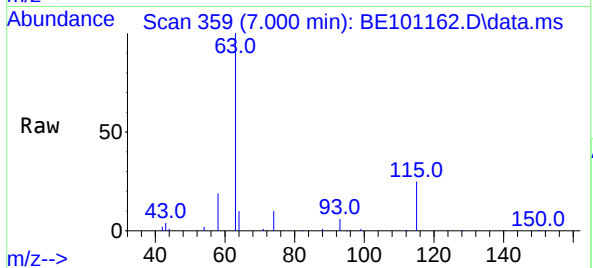
#5
Phenol-d6
Concen: 0.17 ng
RT: 7.000 min Scan# 359
Delta R.T. 0.001 min
Lab File: BE101162.D
Acq: 31 Mar 2021 15:07

Tgt Ion: 99 Resp: 2919
Ion Ratio Lower Upper
99 100
42 0.0 18.8 28.2#
71 0.0 26.3 39.5#

Instrument :
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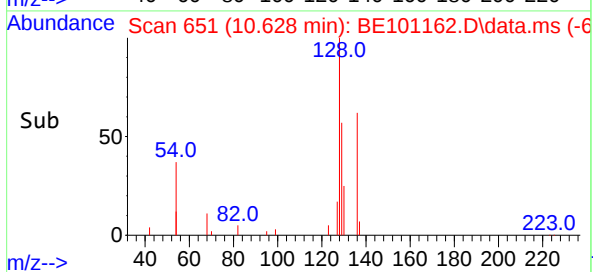
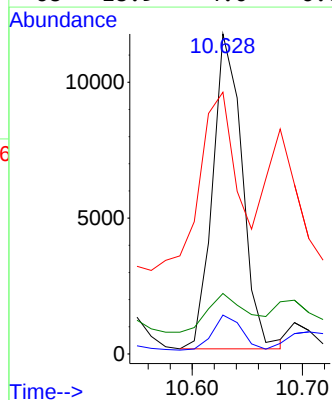
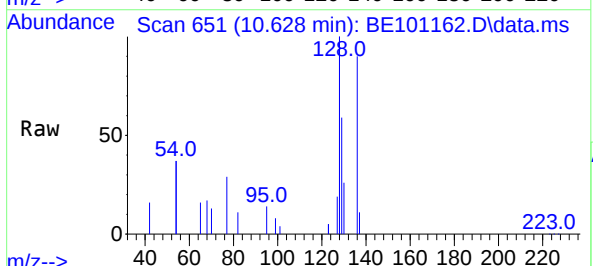
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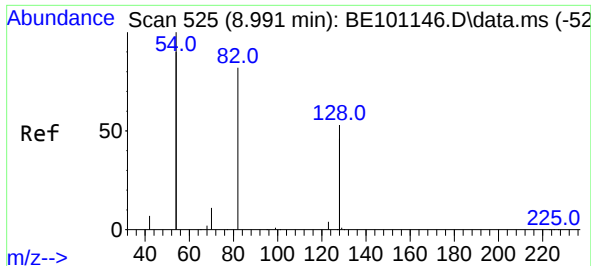
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#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.628 min Scan# 651
Delta R.T. -0.013 min
Lab File: BE101162.D
Acq: 31 Mar 2021 15:07

Tgt Ion: 136 Resp: 21639
Ion Ratio Lower Upper
136 100
137 12.1 8.9 13.3
54 81.8 20.2 30.4#
68 18.9 4.0 6.0#





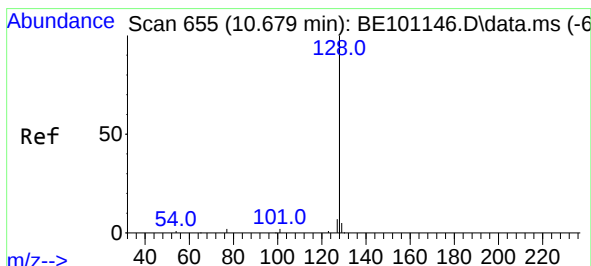
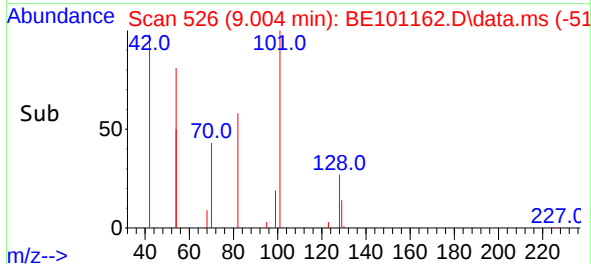
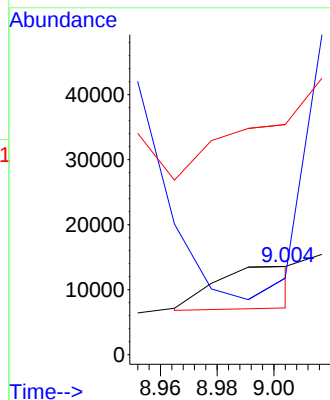
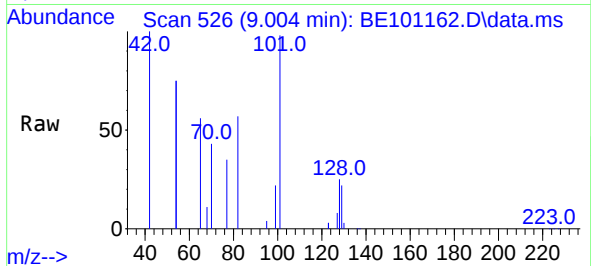
#8
Nitrobenzene-d5
Concen: 1.03 ng m
RT: 9.004 min Scan# 526
Delta R.T. 0.013 min
Lab File: BE101162.D
Acq: 31 Mar 2021 15:07

Tgt Ion: 82 Resp: 13257
Ion Ratio Lower Upper
82 100
128 43.4 101.5 152.3#
54 130.6 189.8 284.6#

Instrument :
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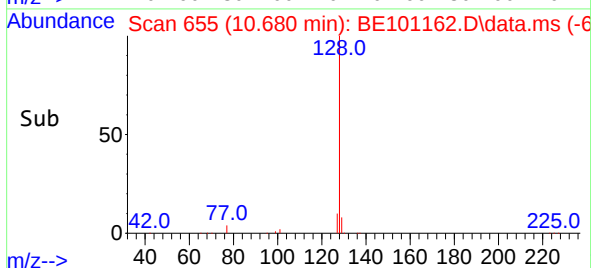
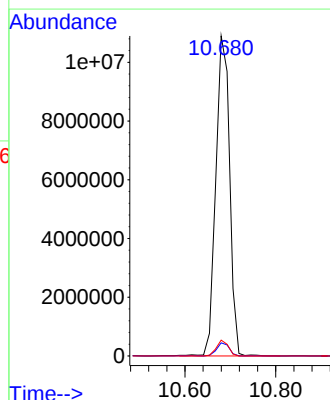
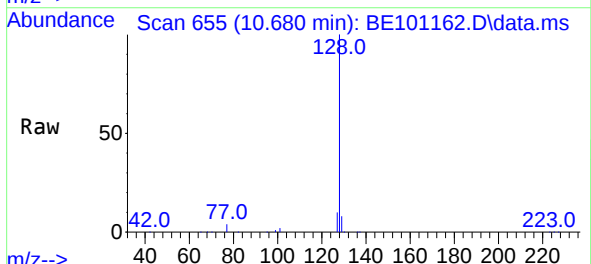
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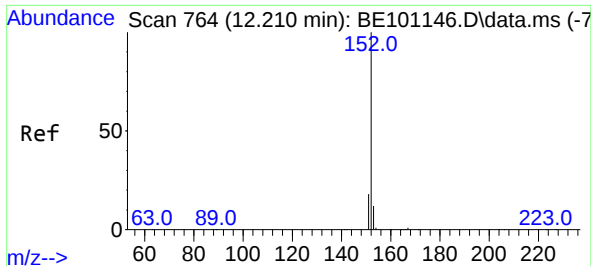
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#9
Naphthalene
Concen: 104.21 ng
RT: 10.680 min Scan# 655
Delta R.T. 0.000 min
Lab File: BE101162.D
Acq: 31 Mar 2021 15:07

Tgt Ion:128 Resp:22963816
Ion Ratio Lower Upper
128 100
129 4.1 2.2 3.2#
127 4.9 2.7 4.1#





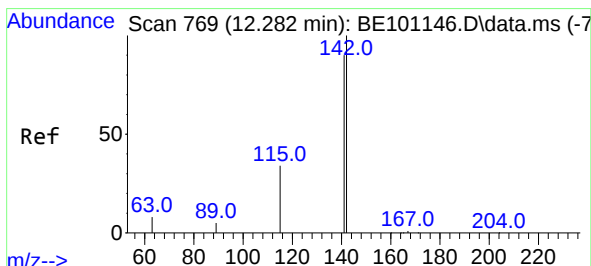
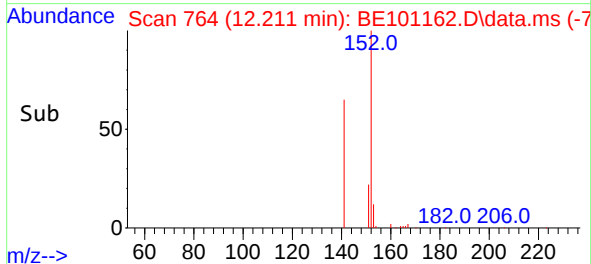
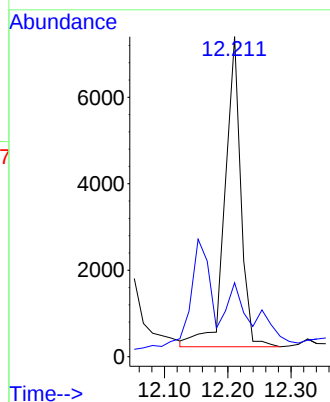
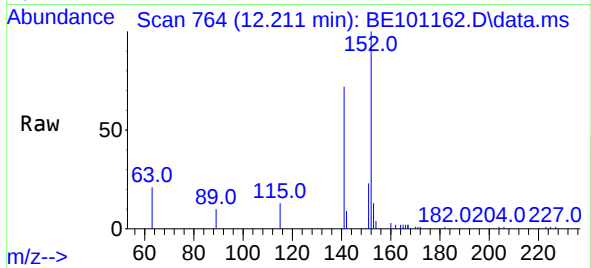
#11
2-Methylnaphthalene-d10
Concen: 0.35 ng
RT: 12.211 min Scan# 764
Delta R.T. 0.001 min
Lab File: BE101162.D
Acq: 31 Mar 2021 15:07

Instrument :
BNA_E
ClientSampleId :
ASR7

Tgt Ion:152 Resp: 12476
Ion Ratio Lower Upper
152 100
151 28.5 16.6 24.8#

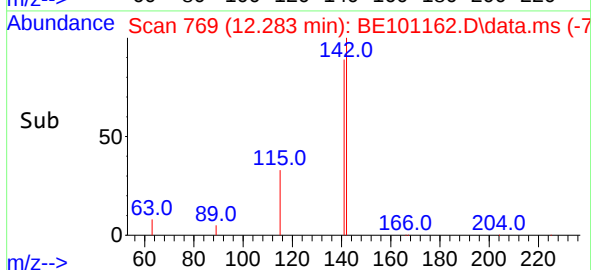
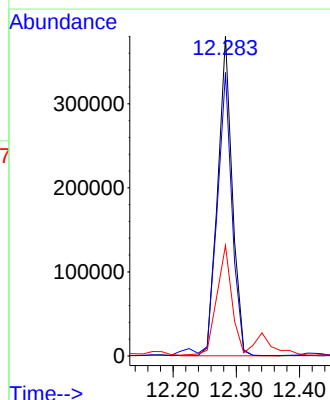
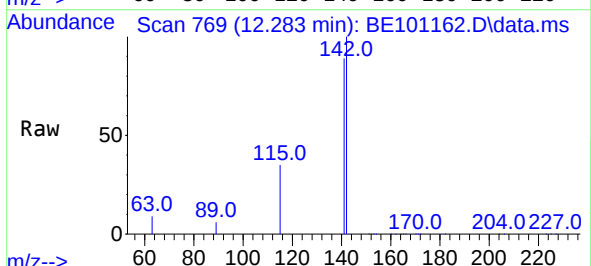
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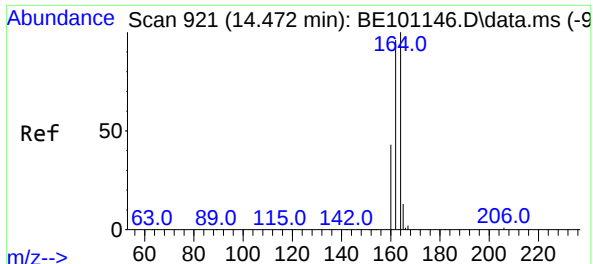
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#12
2-Methylnaphthalene
Concen: 16.04 ng
RT: 12.283 min Scan# 769
Delta R.T. 0.001 min
Lab File: BE101162.D
Acq: 31 Mar 2021 15:07

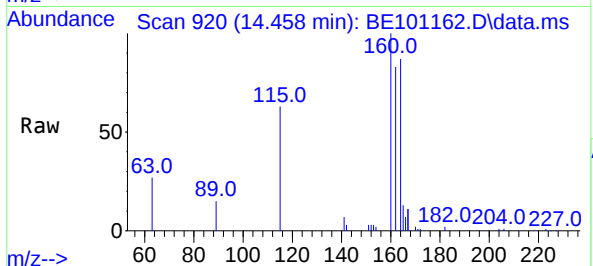
Tgt Ion:142 Resp: 607779
Ion Ratio Lower Upper
142 100
141 88.6 71.8 107.6
115 34.5 27.8 41.6





#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.458 min Scan# 920
Delta R.T. -0.014 min
Lab File: BE101162.D
Acq: 31 Mar 2021 15:07

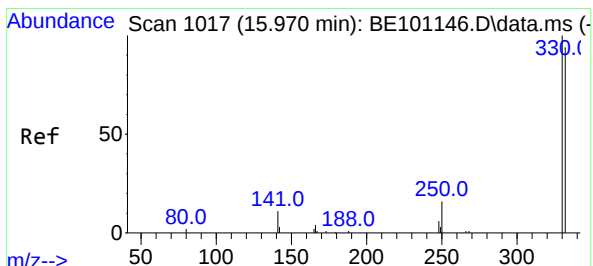
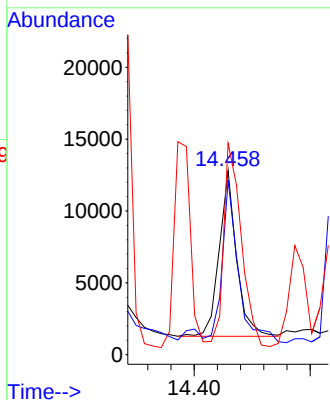
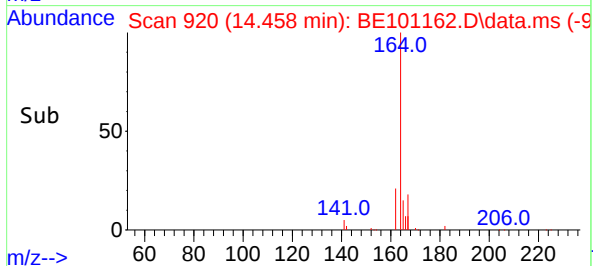
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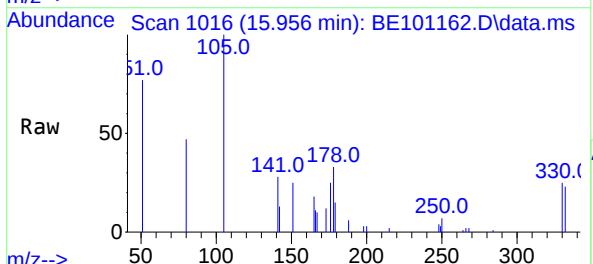
Tgt Ion:164 Resp: 24116
Ion Ratio Lower Upper
164 100
162 95.0 76.6 115.0
160 114.9 34.5 51.7#

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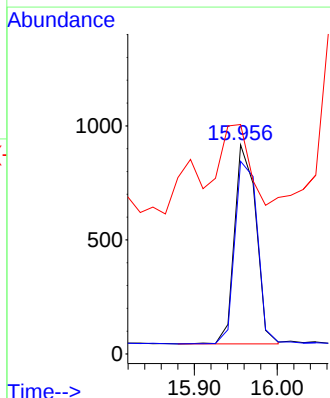
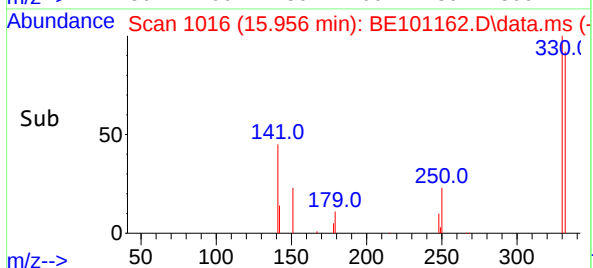
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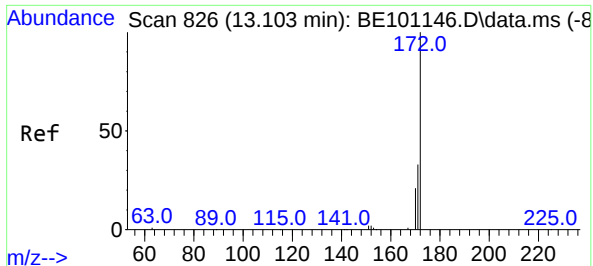


#14
2,4,6-Tribromophenol
Concen: 0.37 ng
RT: 15.956 min Scan# 1016
Delta R.T. -0.015 min
Lab File: BE101162.D
Acq: 31 Mar 2021 15:07



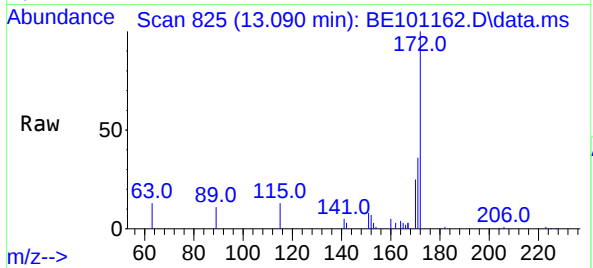
Tgt Ion:330 Resp: 1577
Ion Ratio Lower Upper
330 100
332 96.3 69.1 103.7
141 53.3 30.6 45.8#





#15
2-Fluorobiphenyl
Concen: 0.18 ng
RT: 13.090 min Scan# 825
Delta R.T. -0.014 min
Lab File: BE101162.D
Acq: 31 Mar 2021 15:07

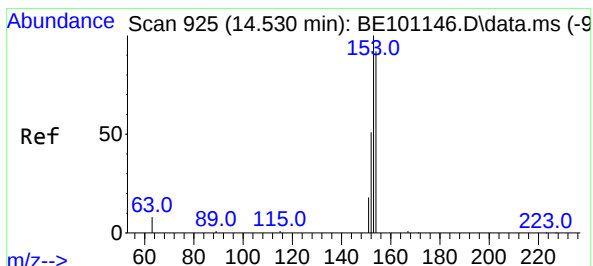
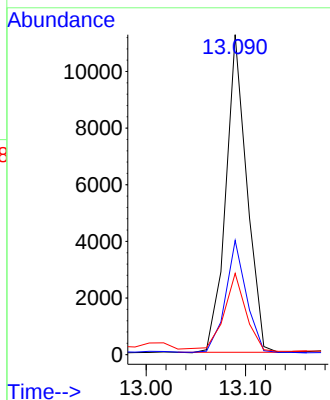
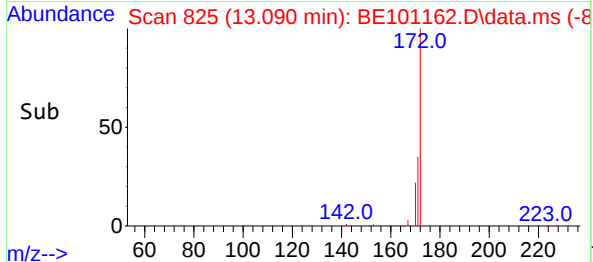
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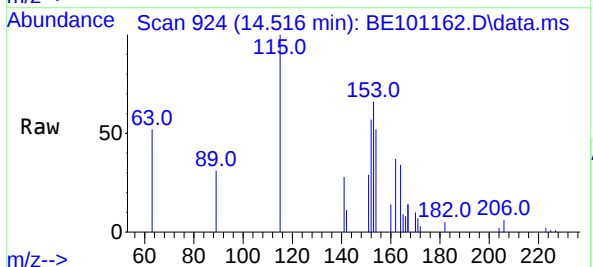
Tgt Ion:172 Resp: 16494
Ion Ratio Lower Upper
172 100
171 35.7 26.4 39.6
170 25.4 17.4 26.0

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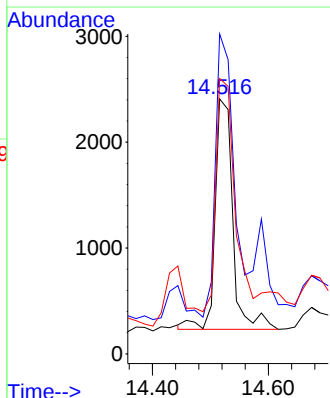
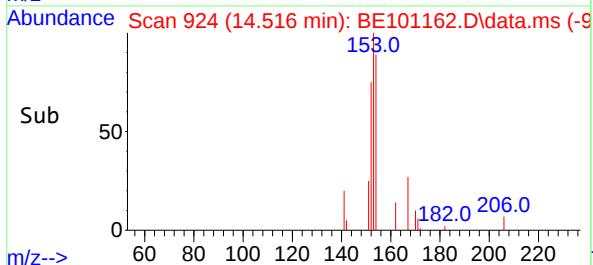
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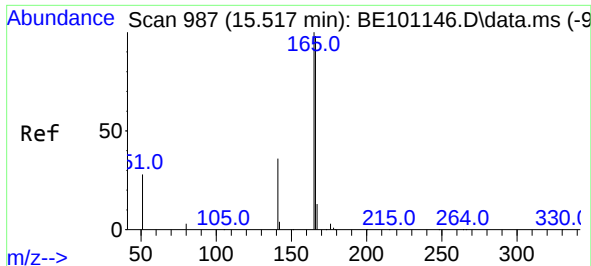


#17
Acenaphthene
Concen: 0.07 ng
RT: 14.516 min Scan# 924
Delta R.T. -0.014 min
Lab File: BE101162.D
Acq: 31 Mar 2021 15:07



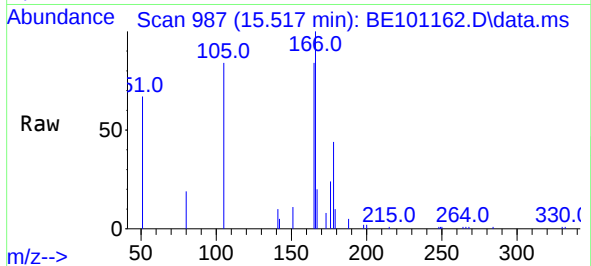
Tgt Ion:154 Resp: 4575
Ion Ratio Lower Upper
154 100
153 135.0 86.7 130.1#
152 111.2 46.1 69.1#





#18
Fluorene
Concen: 0.11 ng
RT: 15.517 min Scan# 987
Delta R.T. 0.000 min
Lab File: BE101162.D
Acq: 31 Mar 2021 15:07

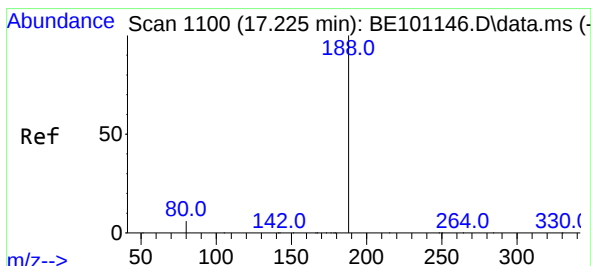
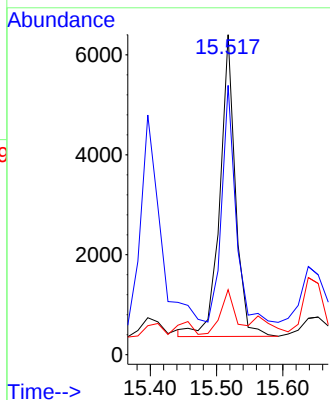
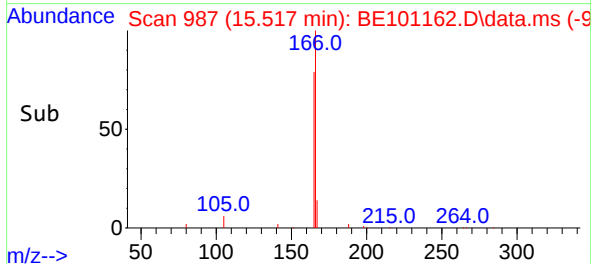
Instrument :
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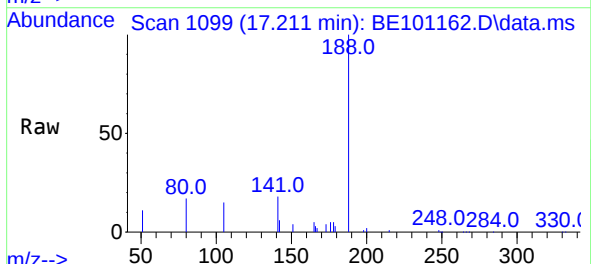
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Ion Ratio Lower Upper
166 100
165 70.6 78.9 118.3#
167 14.4 10.7 16.1

Manual Integrations
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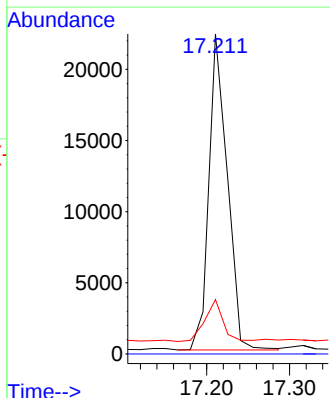
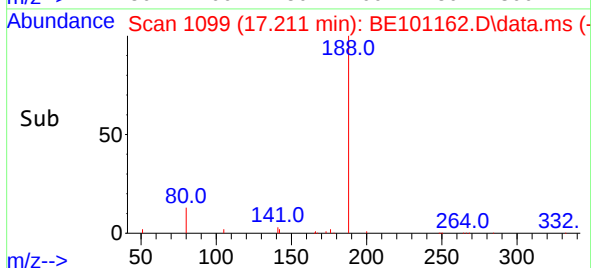
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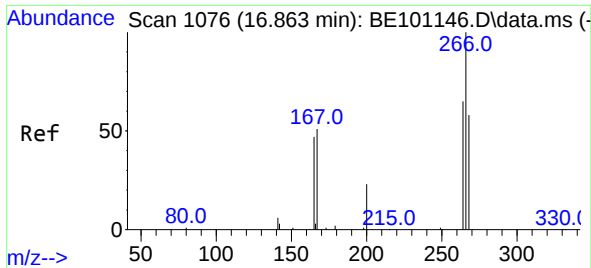


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.211 min Scan# 1099
Delta R.T. -0.015 min
Lab File: BE101162.D
Acq: 31 Mar 2021 15:07



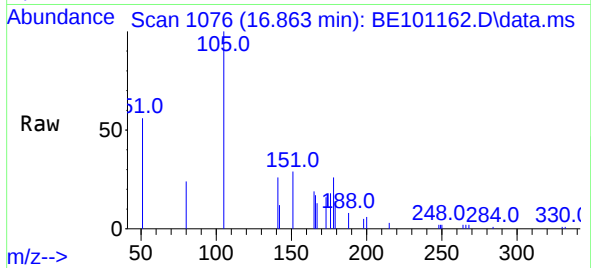
Tgt Ion:188 Resp: 34319
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 17.0 4.8 7.2#





#24
Pentachlorophenol
Concen: 0.02 ng
RT: 16.863 min Scan# 1076
Delta R.T. -0.000 min
Lab File: BE101162.D
Acq: 31 Mar 2021 15:07

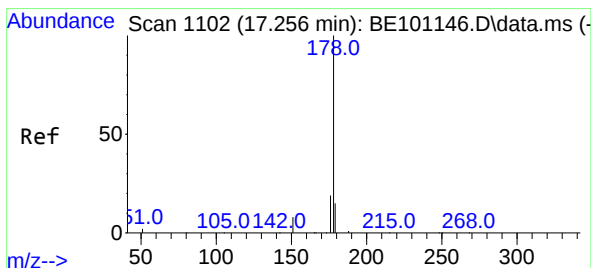
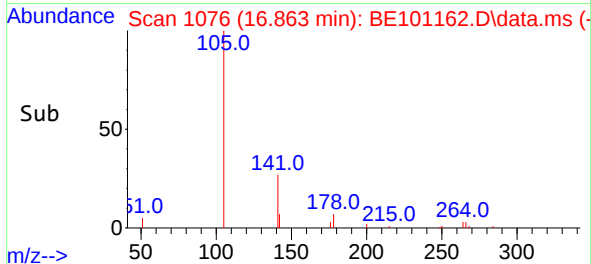
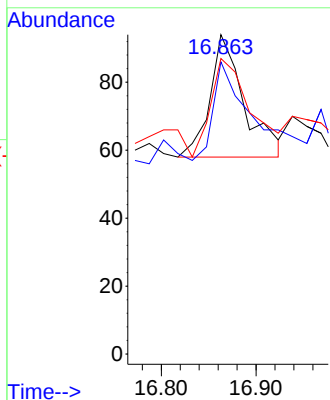
Instrument :
BNA_E
ClientSampled :
ASR7



Tgt Ion:266 Resp: 91
Ion Ratio Lower Upper
266 100
264 95.6 51.4 77.0#
268 93.4 49.9 74.9#

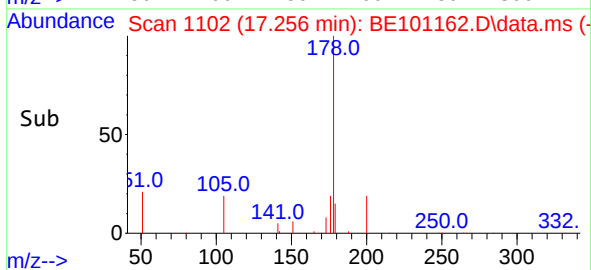
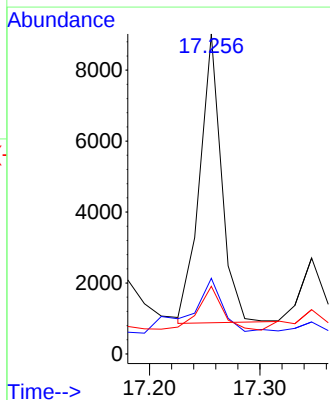
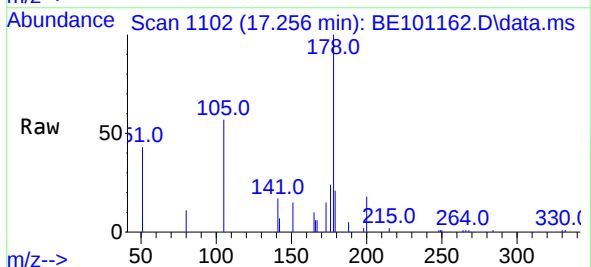
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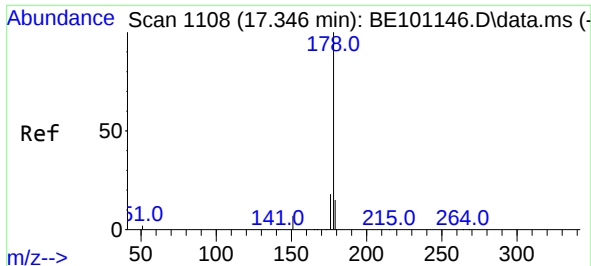
mohammad
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#25
Phenanthrene
Concen: 0.12 ng
RT: 17.256 min Scan# 1102
Delta R.T. -0.000 min
Lab File: BE101162.D
Acq: 31 Mar 2021 15:07

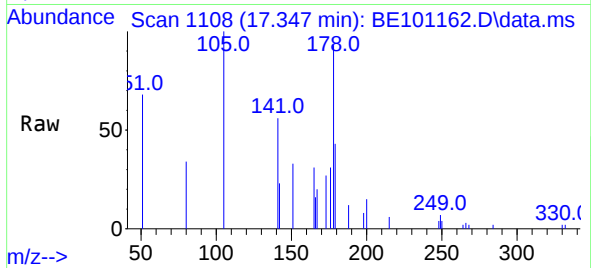
Tgt Ion:178 Resp: 11182
Ion Ratio Lower Upper
178 100
176 29.5 14.7 22.1#
179 16.8 12.4 18.6





#26
 Anthracene
 Concen: 0.03 ng
 RT: 17.347 min Scan# 1108
 Delta R.T. 0.000 min
 Lab File: BE101162.D
 Acq: 31 Mar 2021 15:07

Instrument :
 BNA_E
 ClientSampled :
 ASR7

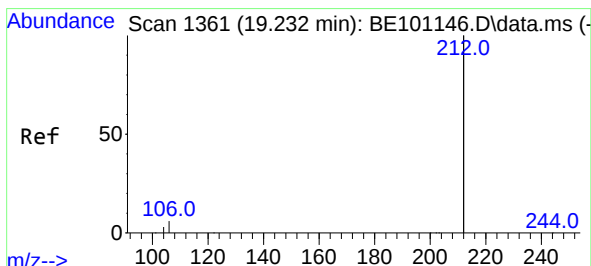
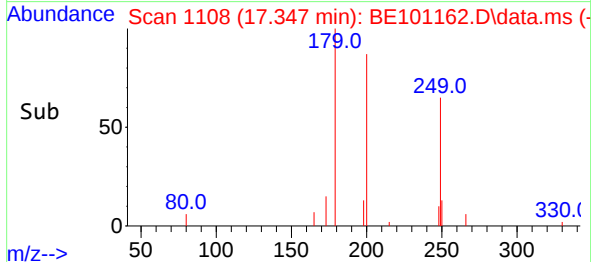
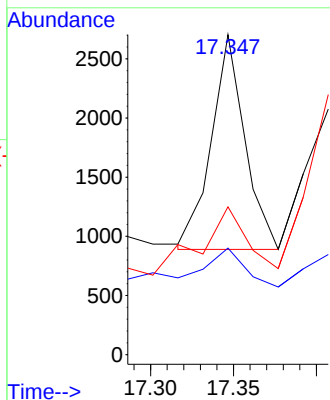


Tgt Ion:178 Resp: 2540

Ion	Ratio	Lower	Upper
178	100		
176	20.2	14.4	21.6
179	45.7	12.2	18.4#

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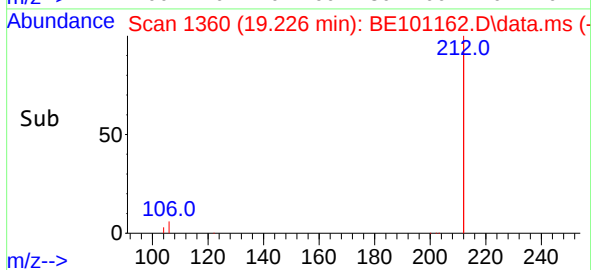
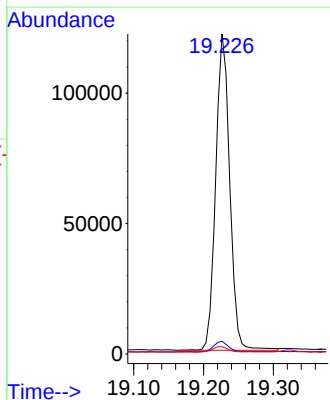
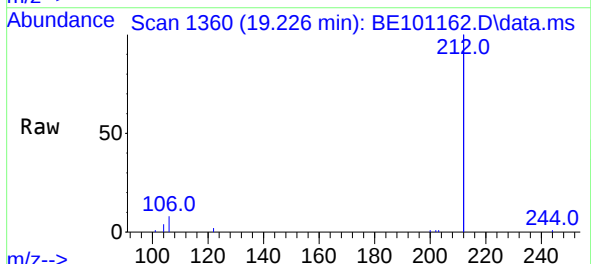
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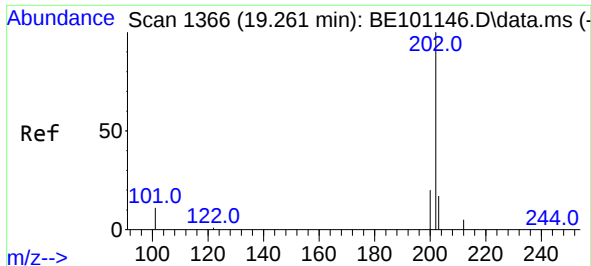


#27
 Fluoranthene-d10
 Concen: 0.39 ng
 RT: 19.226 min Scan# 1360
 Delta R.T. -0.005 min
 Lab File: BE101162.D
 Acq: 31 Mar 2021 15:07

Tgt Ion:212 Resp: 169414

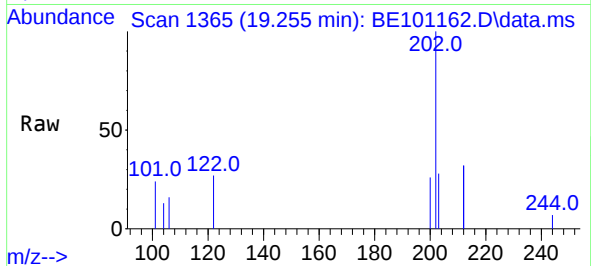
Ion	Ratio	Lower	Upper
212	100		
106	3.4	2.6	3.8
104	1.9	1.4	2.2





#28
Fluoranthene
Concen: 0.06 ng
RT: 19.255 min Scan# 1365
Delta R.T. -0.005 min
Lab File: BE101162.D
Acq: 31 Mar 2021 15:07

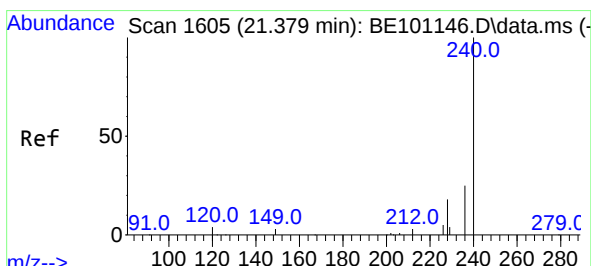
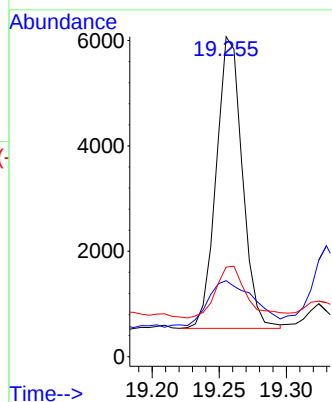
Instrument :
BNA_E
ClientSampled :
ASR7



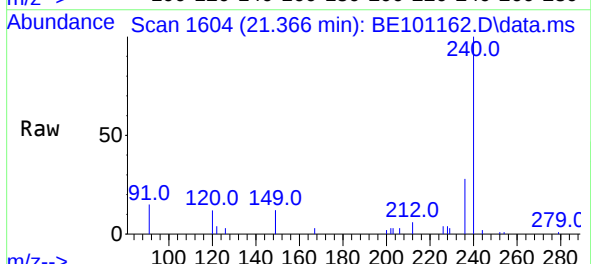
Tgt Ion:202 Resp: 7475
Ion Ratio Lower Upper
202 100
101 29.0 8.9 13.3#
203 21.4 13.8 20.6#

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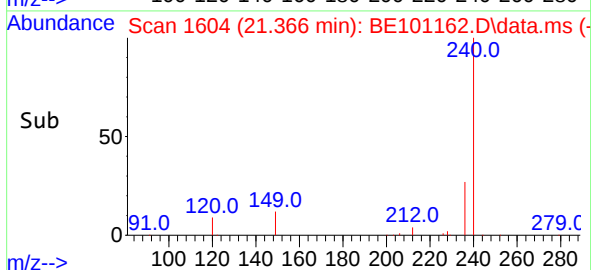
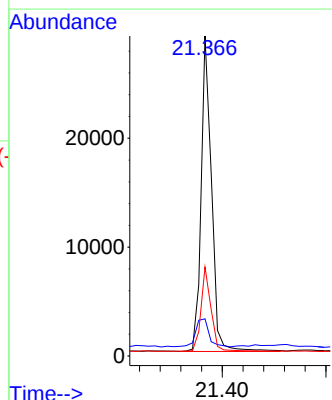
mohammad
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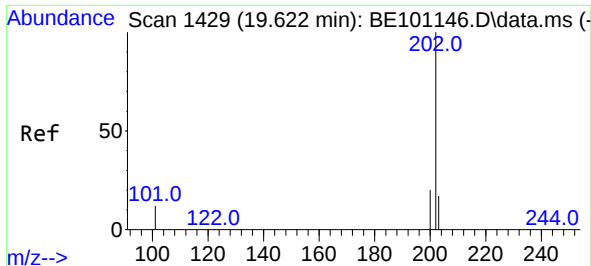


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.366 min Scan# 1604
Delta R.T. -0.012 min
Lab File: BE101162.D
Acq: 31 Mar 2021 15:07

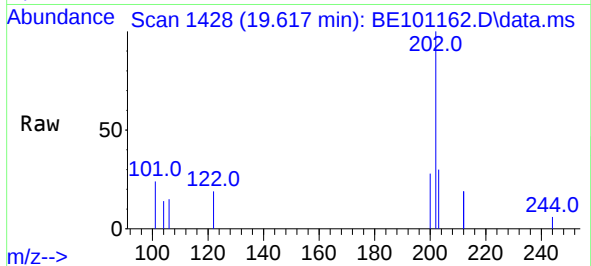


Tgt Ion:240 Resp: 40394
Ion Ratio Lower Upper
240 100
120 11.6 4.1 6.1#
236 27.8 20.3 30.5

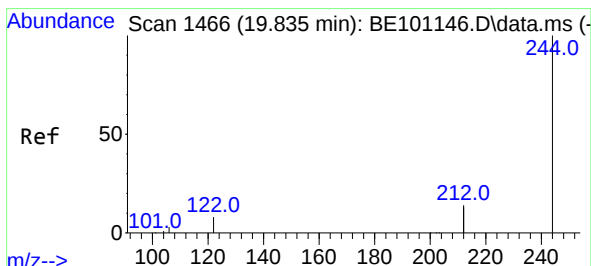
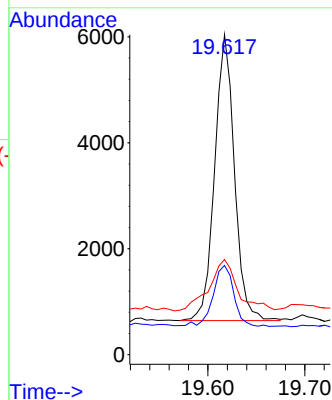
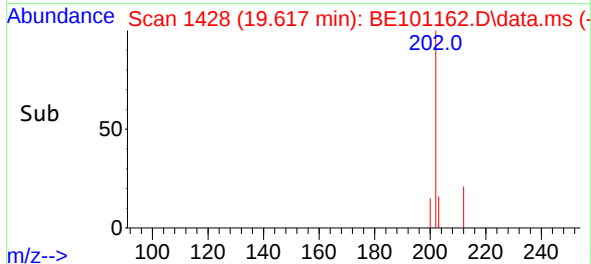




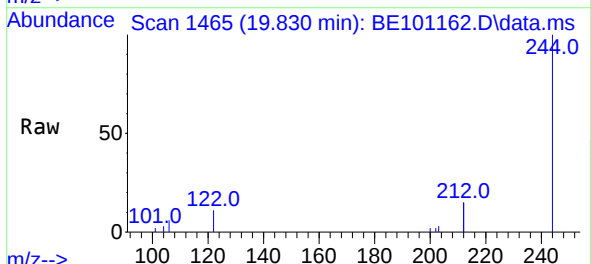
#30
Pyrene
Concen: 0.06 ng
RT: 19.617 min Scan# 1428
Delta R.T. -0.005 min
Lab File: BE101162.D
Acq: 31 Mar 2021 15:07



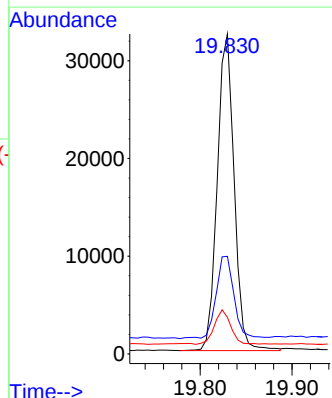
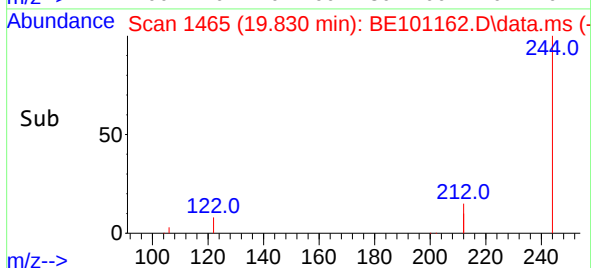
Tgt Ion:202 Resp: 7650
Ion Ratio Lower Upper
202 100
200 22.1 16.2 24.2
203 25.7 13.9 20.9#



#31
Terphenyl-d14
Concen: 0.45 ng
RT: 19.830 min Scan# 1465
Delta R.T. -0.005 min
Lab File: BE101162.D
Acq: 31 Mar 2021 15:07



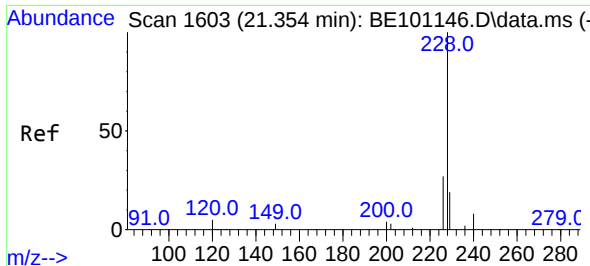
Tgt Ion:244 Resp: 41284
Ion Ratio Lower Upper
244 100
212 30.5 21.7 32.5
122 11.4 6.6 10.0#



Instrument :
BNA_E
ClientSampled :
ASR7

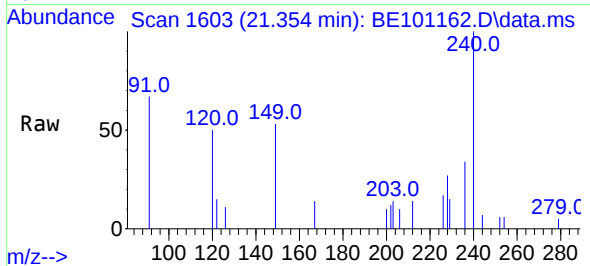
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#32
Benzo(a)anthracene
Concen: 0.03 ng
RT: 21.354 min Scan# 1603
Delta R.T. 0.000 min
Lab File: BE101162.D
Acq: 31 Mar 2021 15:07

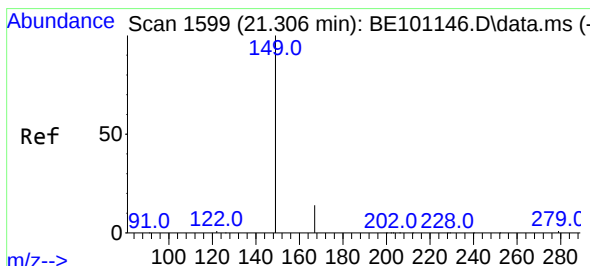
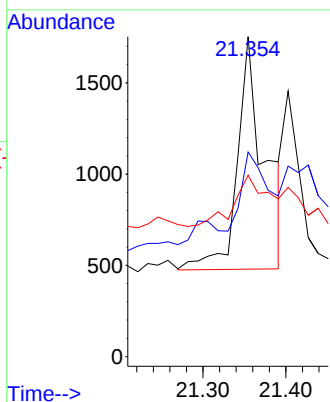
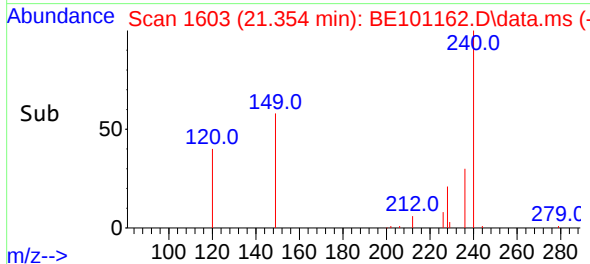
Instrument :
BNA_E
ClientSampled :
ASR7



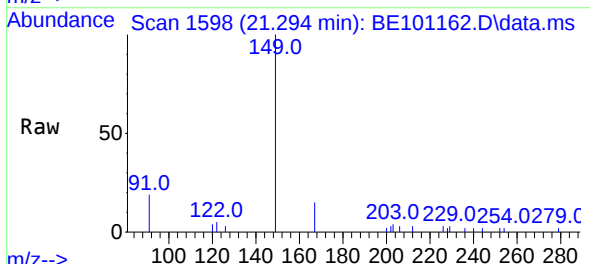
Tgt Ion:228 Resp: 2893
Ion Ratio Lower Upper
228 100
226 63.9 21.8 32.8#
229 56.7 15.4 23.0#

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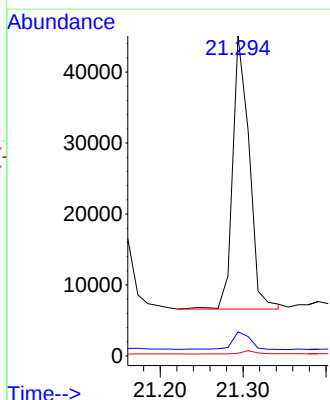
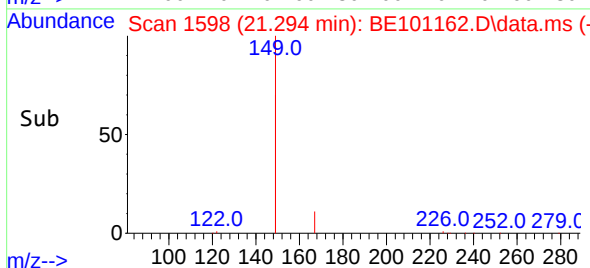
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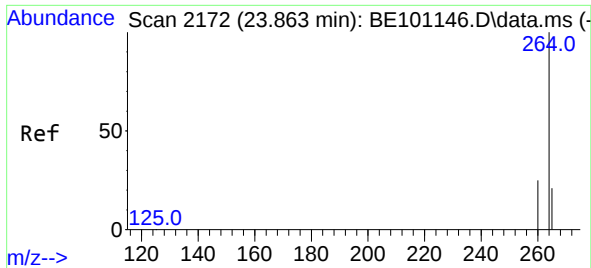


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.78 ng
RT: 21.294 min Scan# 1598
Delta R.T. -0.012 min
Lab File: BE101162.D
Acq: 31 Mar 2021 15:07

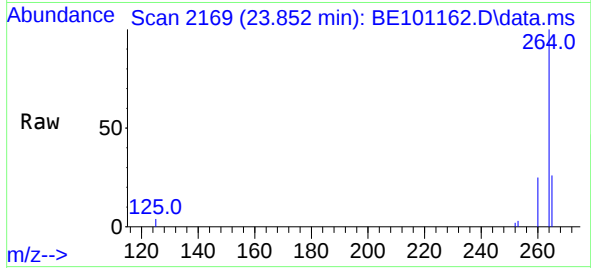


Tgt Ion:149 Resp: 53062
Ion Ratio Lower Upper
149 100
167 6.9 5.4 8.2
279 1.1 0.9 1.3



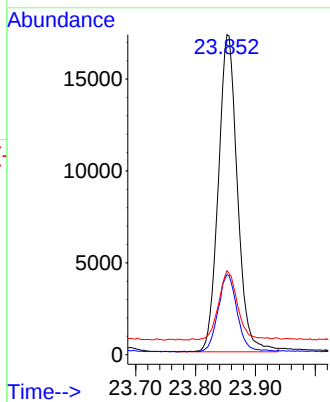
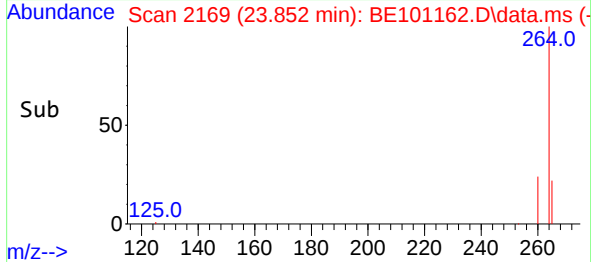


#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.852 min Scan# 2169
 Delta R.T. -0.011 min
 Lab File: BE101162.D
 Acq: 31 Mar 2021 15:07



Tgt Ion: 264 Resp: 38233

Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.5	30.7
265	26.2	20.6	30.8



Instrument :
 BNA_E
 ClientSampleId :
 ASR7

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