

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE033121\
 Data File : BE101164.D
 Acq On : 31 Mar 2021 16:22
 Operator : CG/JU
 Sample : M1835-02RE
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 ASR7RE

Manual Integrations
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Quant Time: Mar 31 17:04:45 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	4474	0.40	ng	0.00
7) Naphthalene-d8	10.627	136	20158	0.40	ng	#-0.01
13) Acenaphthene-d10	14.457	164	22553	0.40	ng	#-0.02
19) Phenanthrene-d10	17.211	188	32423	0.40	ng	#-0.01
29) Chrysene-d12	21.366	240	38327	0.40	ng	#-0.01
36) Perylene-d12	23.852	264	37114	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.446	112	7770	0.74	ng	0.01
5) Phenol-d6	7.001	99	2923	0.18	ng	0.00
8) Nitrobenzene-d5	9.003	82	13200m	1.10	ng	0.01
11) 2-Methylnaphthalene-d10	12.209	152	11992	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.956	330	1568	0.39	ng	-0.01
15) 2-Fluorobiphenyl	13.088	172	15748	0.19	ng	-0.02
27) Fluoranthene-d10	19.227	212	159968	0.39	ng	0.00
31) Terphenyl-d14	19.825	244	38679	0.44	ng	-0.01
Target Compounds						Qvalue
9) Naphthalene	10.679	128	22113630	107.72	ng	# 96
12) 2-Methylnaphthalene	12.281	142	575525	16.30	ng	99
17) Acenaphthene	14.529	154	4341	0.07	ng	# 51
18) Fluorene	15.518	166	9196	0.11	ng	# 79
24) Pentachlorophenol	16.863	266	91	0.02	ng	87
25) Phenanthrene	17.257	178	10776	0.12	ng	# 75
26) Anthracene	17.347	178	2790	0.04	ng	# 70
28) Fluoranthene	19.256	202	7118	0.06	ng	# 69
30) Pyrene	19.618	202	7272	0.06	ng	# 86
32) Benzo(a)anthracene	21.354	228	2205	0.02	ng	# 23
34) Bis(2-ethylhexyl)phtha...	21.293	149	50935	0.79	ng	100

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

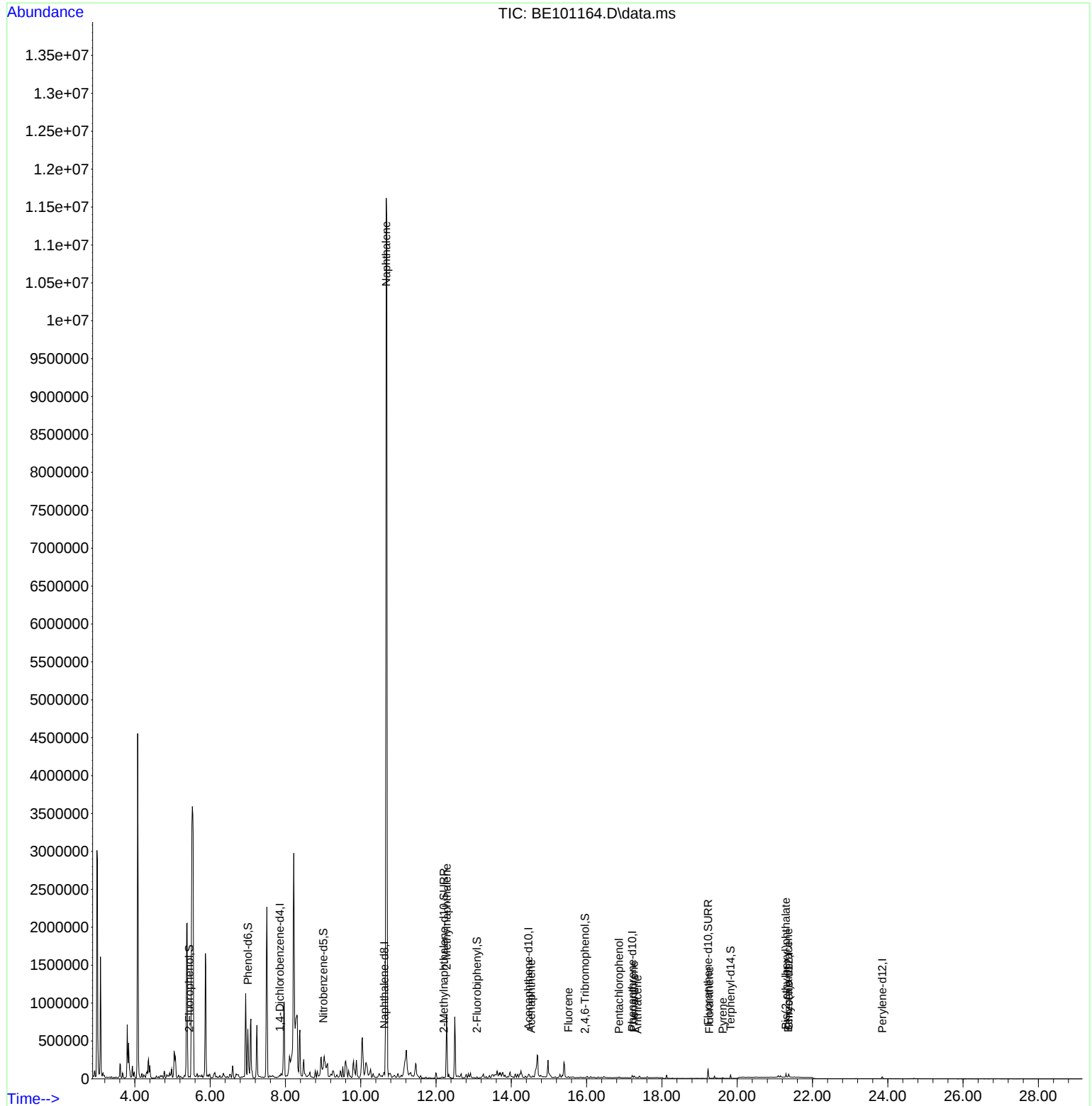
Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE033121\
Data File : BE101164.D
Acq On : 31 Mar 2021 16:22
Operator : CG/JU
Sample : M1835-02RE
Misc :
ALS Vial : 12 Sample Multiplier: 1

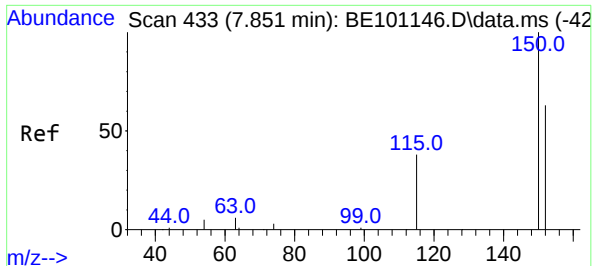
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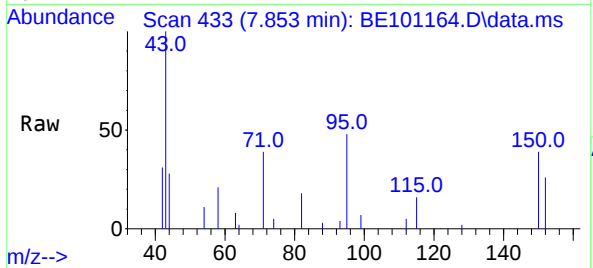
Quant Time: Mar 31 17:04:45 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-SIM-BE032421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 31 11:11:33 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.853 min Scan# 433
Delta R.T. 0.002 min
Lab File: BE101164.D
Acq: 31 Mar 2021 16:22

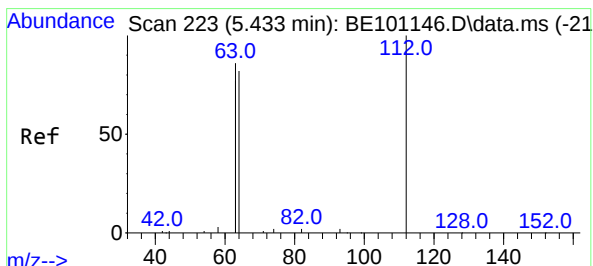
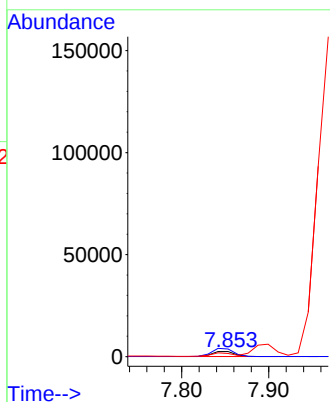
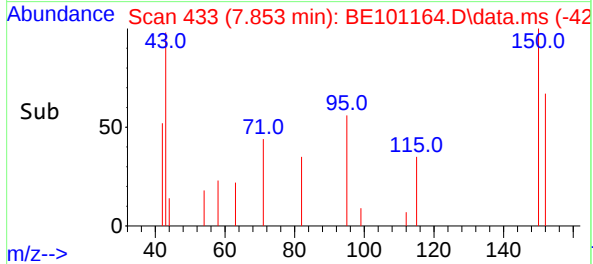
Instrument :
BNA_E
ClientSampled :
ASR7RE



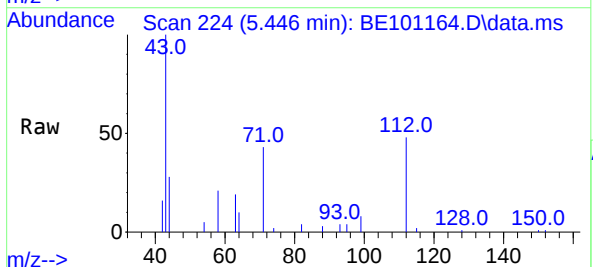
Tgt Ion:152 Resp: 4474
Ion Ratio Lower Upper
152 100
150 147.0 126.3 189.5
115 62.0 48.9 73.3

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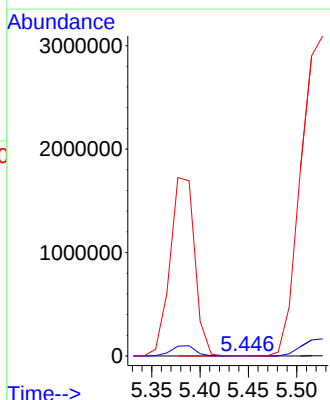
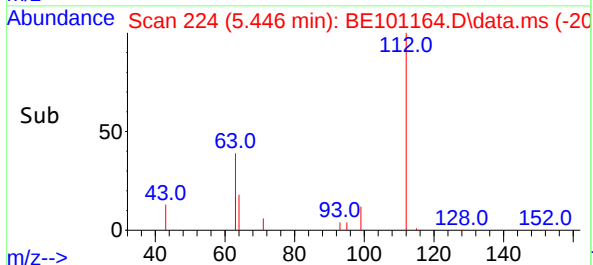
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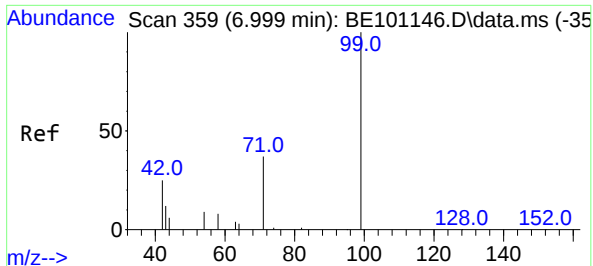


#4
2-Fluorophenol
Concen: 0.74 ng
RT: 5.446 min Scan# 224
Delta R.T. 0.014 min
Lab File: BE101164.D
Acq: 31 Mar 2021 16:22



Tgt Ion:112 Resp: 7770
Ion Ratio Lower Upper
112 100
64 0.0 60.8 91.2#
63 0.0 119.4 179.0#





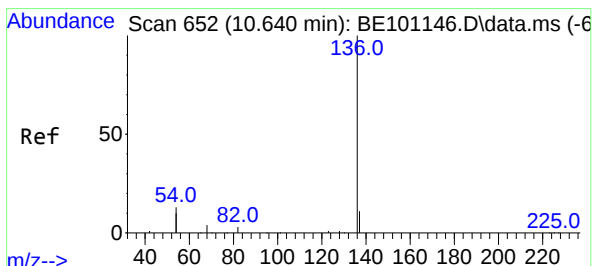
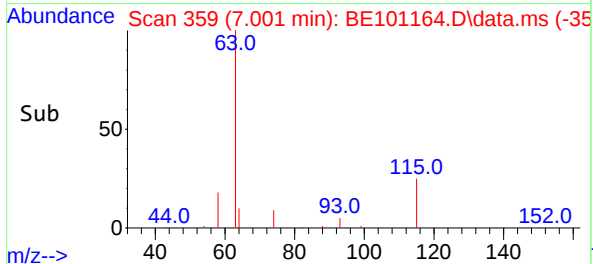
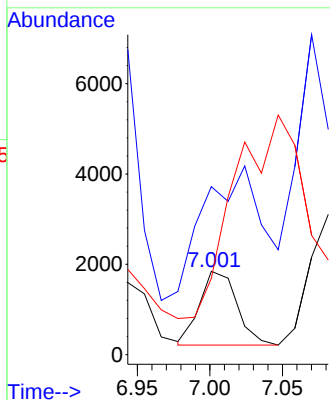
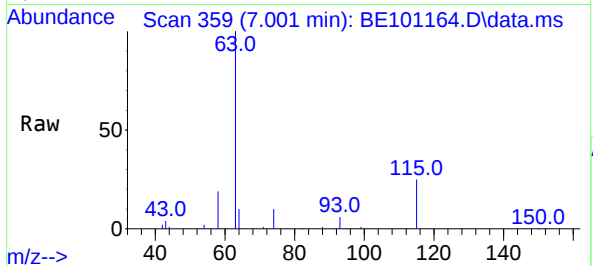
#5
Phenol-d6
Concen: 0.18 ng
RT: 7.001 min Scan# 359
Delta R.T. 0.002 min
Lab File: BE101164.D
Acq: 31 Mar 2021 16:22

Tgt Ion: 99 Resp: 2923
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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ClientSampled :
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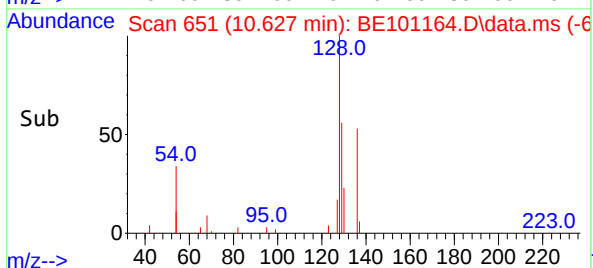
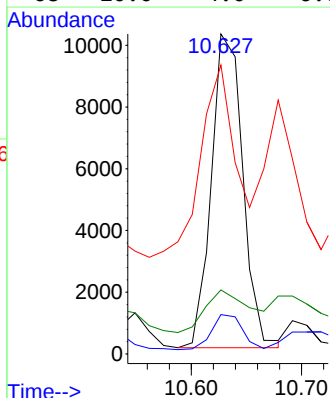
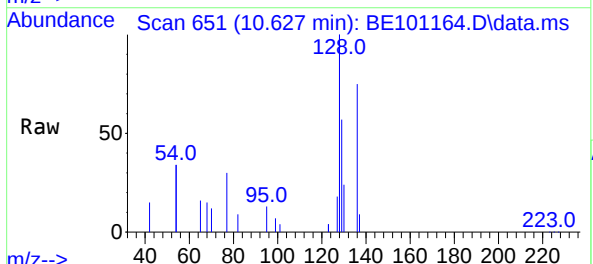
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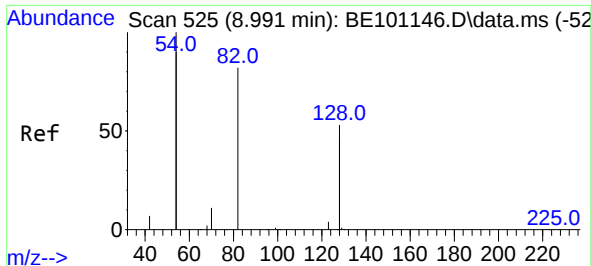
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#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.627 min Scan# 651
Delta R.T. -0.014 min
Lab File: BE101164.D
Acq: 31 Mar 2021 16:22

Tgt Ion: 136 Resp: 20158
Ion Ratio Lower Upper
136 100
137 12.3 8.9 13.3
54 90.3 20.2 30.4#
68 20.0 4.0 6.0#





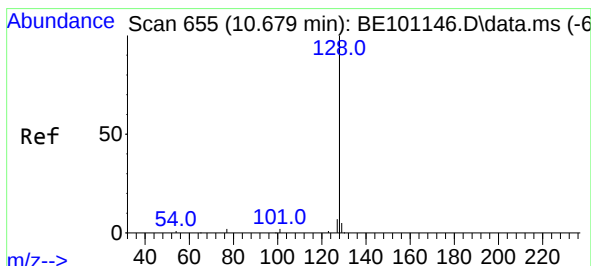
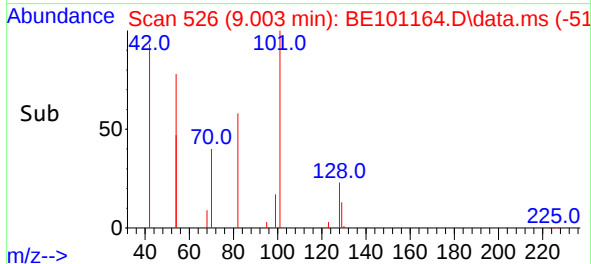
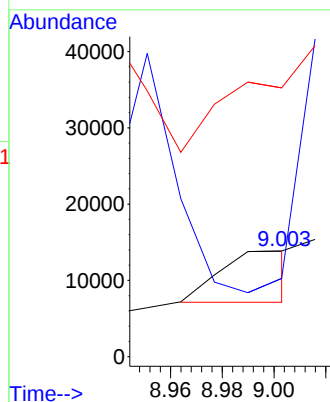
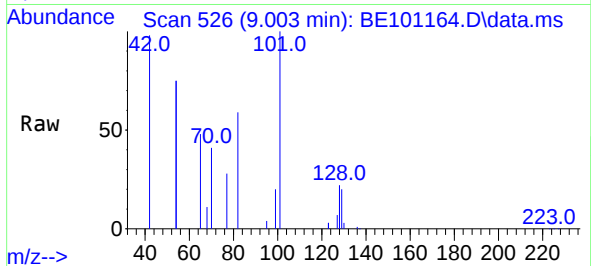
#8
Nitrobenzene-d5
Concen: 1.10 ng m
RT: 9.003 min Scan# 526
Delta R.T. 0.012 min
Lab File: BE101164.D
Acq: 31 Mar 2021 16:22

Tgt Ion: 82 Resp: 13200
Ion Ratio Lower Upper
82 100
128 37.0 101.5 152.3#
54 127.3 189.8 284.6#

Instrument :
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ClientSampled :
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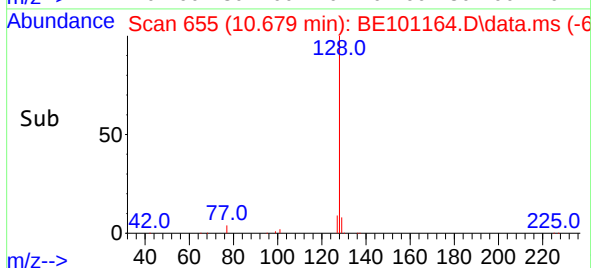
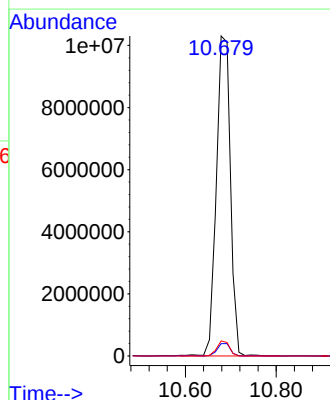
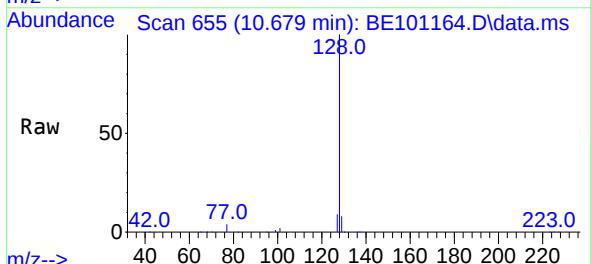
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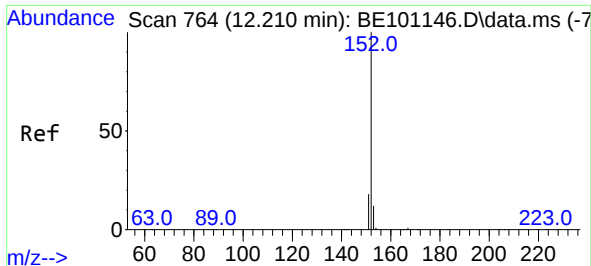
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#9
Naphthalene
Concen: 107.72 ng
RT: 10.679 min Scan# 655
Delta R.T. -0.001 min
Lab File: BE101164.D
Acq: 31 Mar 2021 16:22

Tgt Ion: 128 Resp: 22113630
Ion Ratio Lower Upper
128 100
129 3.9 2.2 3.2#
127 4.7 2.7 4.1#





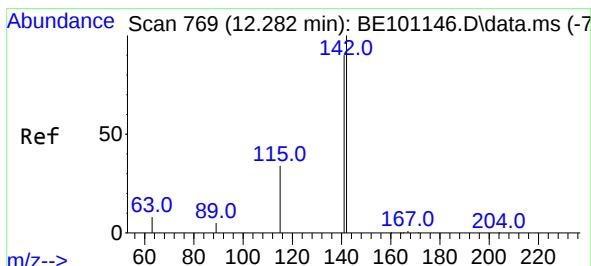
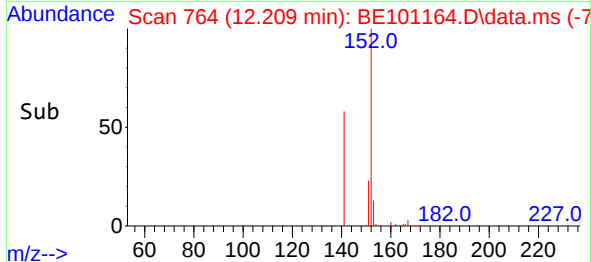
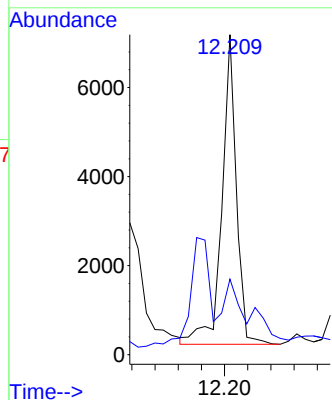
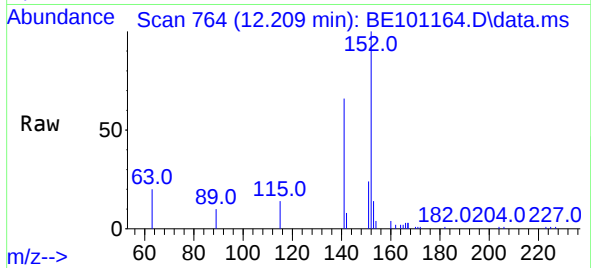
#11
2-Methylnaphthalene-d10
Concen: 0.36 ng
RT: 12.209 min Scan# 764
Delta R.T. -0.001 min
Lab File: BE101164.D
Acq: 31 Mar 2021 16:22

Tgt Ion:152 Resp: 11992
Ion Ratio Lower Upper
152 100
151 30.2 16.6 24.8#

Instrument :
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ClientSampleId :
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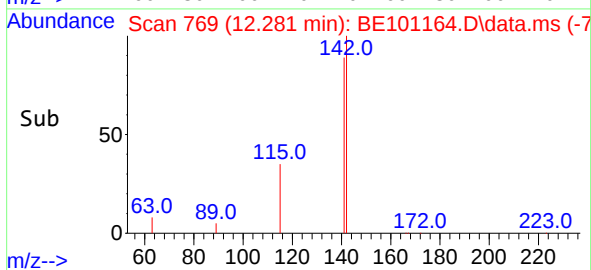
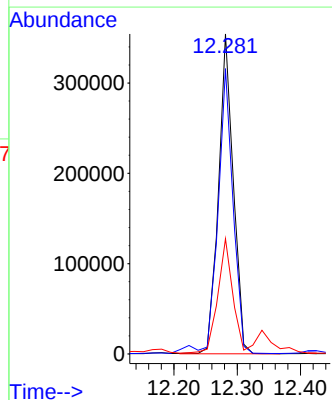
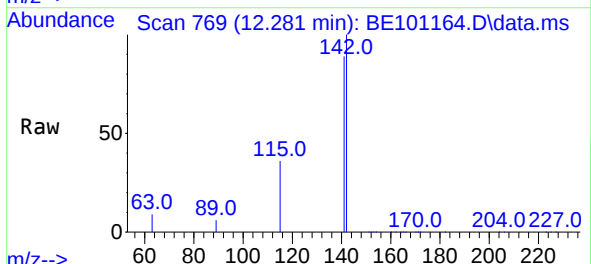
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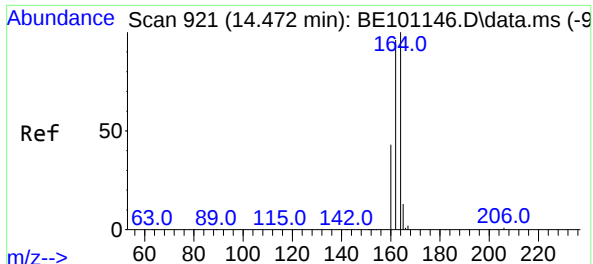
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#12
2-Methylnaphthalene
Concen: 16.30 ng
RT: 12.281 min Scan# 769
Delta R.T. -0.001 min
Lab File: BE101164.D
Acq: 31 Mar 2021 16:22

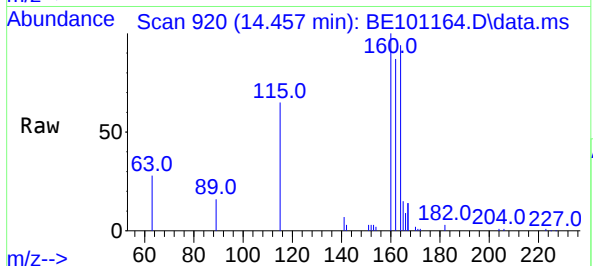
Tgt Ion:142 Resp: 575525
Ion Ratio Lower Upper
142 100
141 89.2 71.8 107.6
115 36.0 27.8 41.6





#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.457 min Scan# 920
Delta R.T. -0.015 min
Lab File: BE101164.D
Acq: 31 Mar 2021 16:22

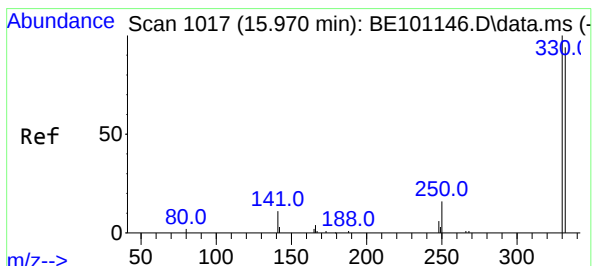
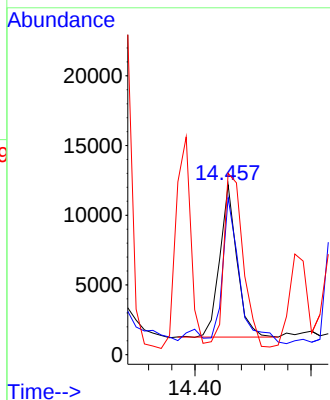
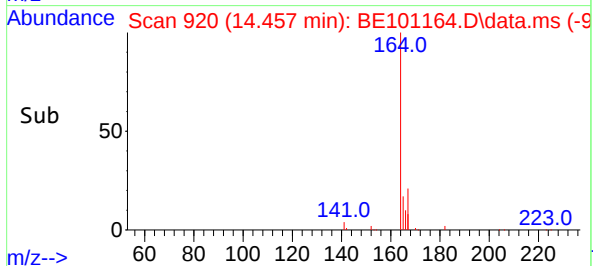
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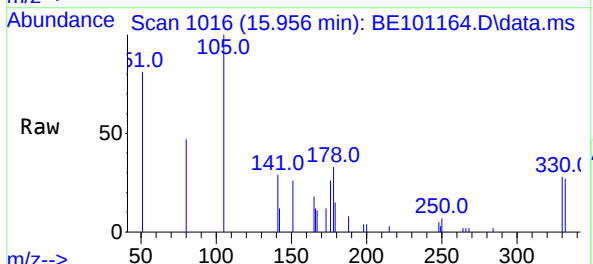
Tgt Ion:164 Resp: 22553
Ion Ratio Lower Upper
164 100
162 92.5 76.6 115.0
160 106.8 34.5 51.7#

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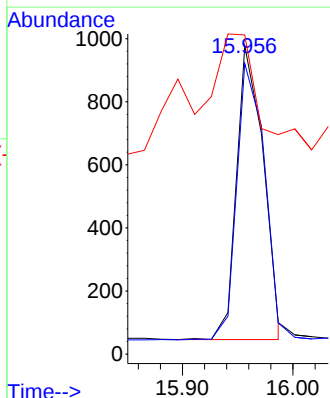
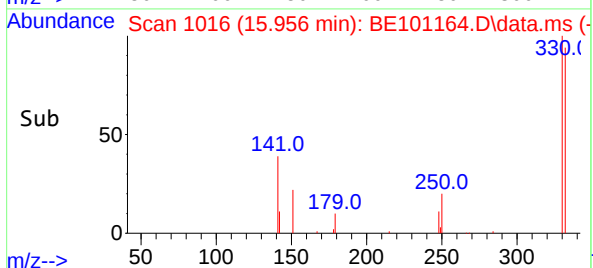
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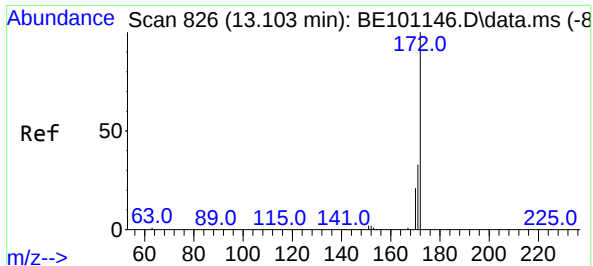


#14
2,4,6-Tribromophenol
Concen: 0.39 ng
RT: 15.956 min Scan# 1016
Delta R.T. -0.014 min
Lab File: BE101164.D
Acq: 31 Mar 2021 16:22



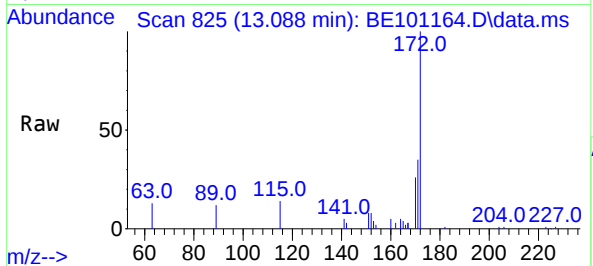
Tgt Ion:330 Resp: 1568
Ion Ratio Lower Upper
330 100
332 97.6 69.1 103.7
141 58.7 30.6 45.8#





#15
2-Fluorobiphenyl
Concen: 0.19 ng
RT: 13.088 min Scan# 825
Delta R.T. -0.015 min
Lab File: BE101164.D
Acq: 31 Mar 2021 16:22

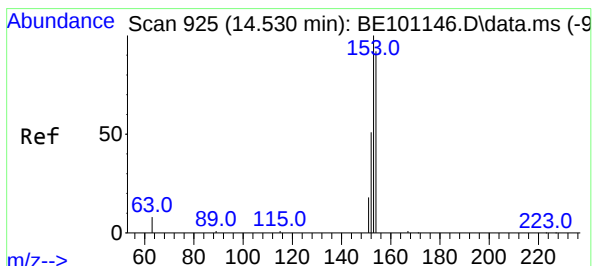
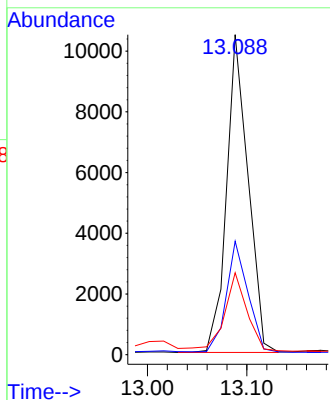
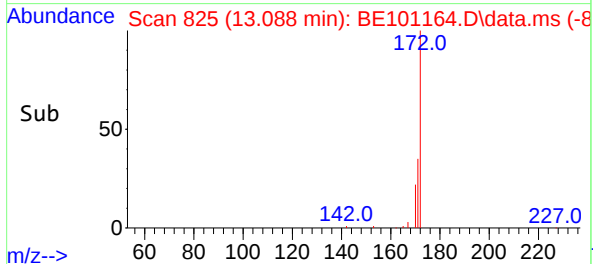
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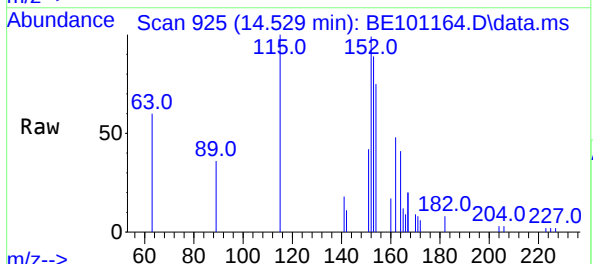
Tgt Ion:172 Resp: 15748
Ion Ratio Lower Upper
172 100
171 35.4 26.4 39.6
170 25.6 17.4 26.0

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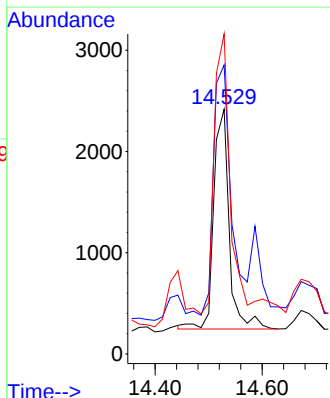
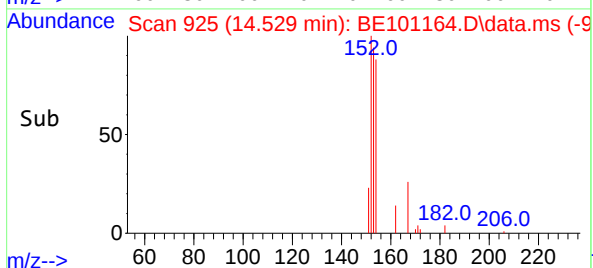
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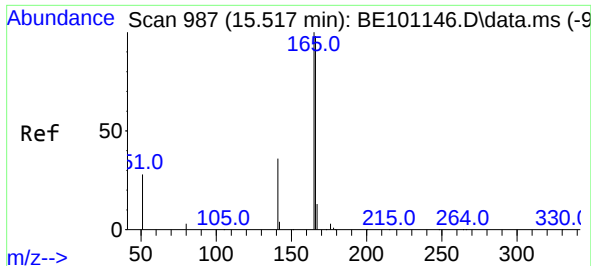


#17
Acenaphthene
Concen: 0.07 ng
RT: 14.529 min Scan# 925
Delta R.T. -0.001 min
Lab File: BE101164.D
Acq: 31 Mar 2021 16:22



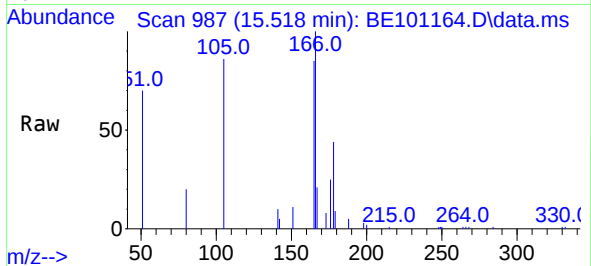
Tgt Ion:154 Resp: 4341
Ion Ratio Lower Upper
154 100
153 131.9 86.7 130.1#
152 130.6 46.1 69.1#





#18
Fluorene
Concen: 0.11 ng
RT: 15.518 min Scan# 987
Delta R.T. 0.001 min
Lab File: BE101164.D
Acq: 31 Mar 2021 16:22

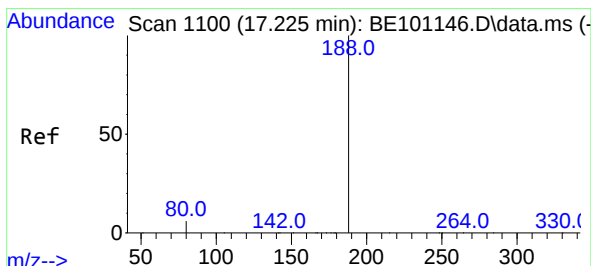
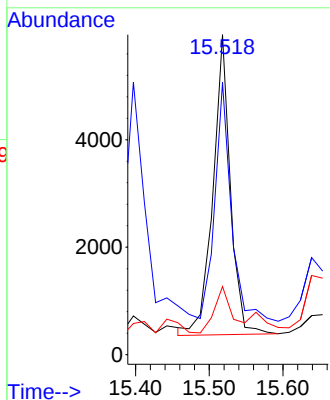
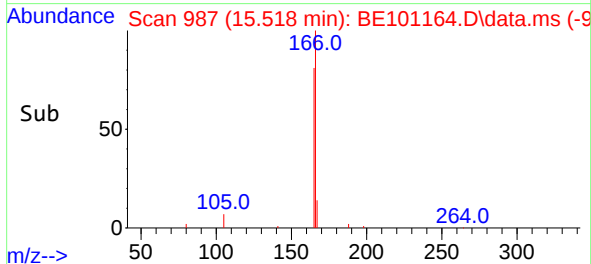
Instrument :
BNA_E
ClientSampleId :
ASR7RE



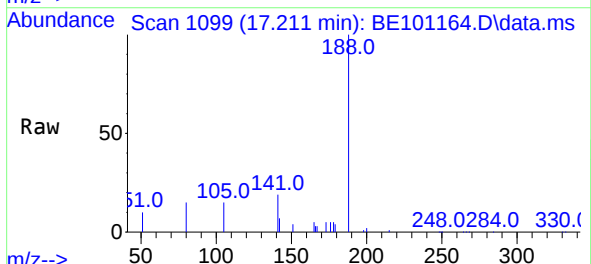
Tgt Ion:166 Resp: 9196
Ion Ratio Lower Upper
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165 75.7 78.9 118.3#
167 15.6 10.7 16.1

Manual Integrations
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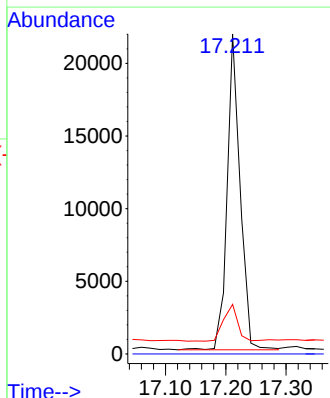
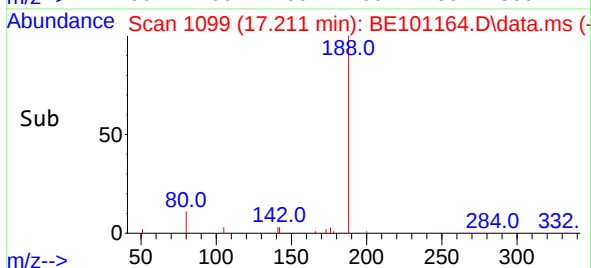
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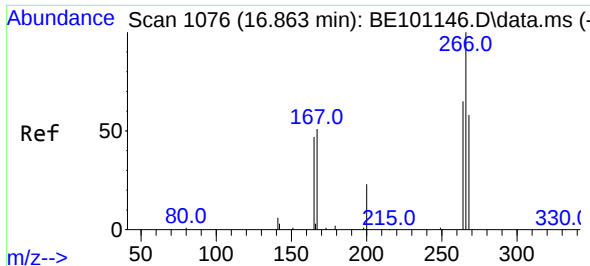


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.211 min Scan# 1099
Delta R.T. -0.014 min
Lab File: BE101164.D
Acq: 31 Mar 2021 16:22



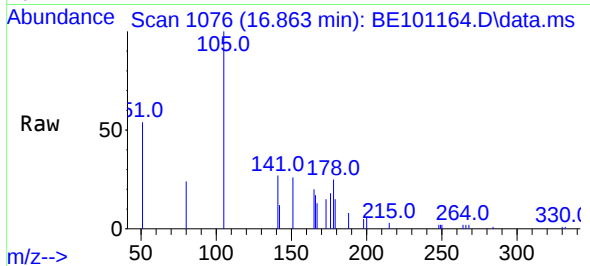
Tgt Ion:188 Resp: 32423
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.5 4.8 7.2#





#24
Pentachlorophenol
Concen: 0.02 ng
RT: 16.863 min Scan# 1076
Delta R.T. 0.000 min
Lab File: BE101164.D
Acq: 31 Mar 2021 16:22

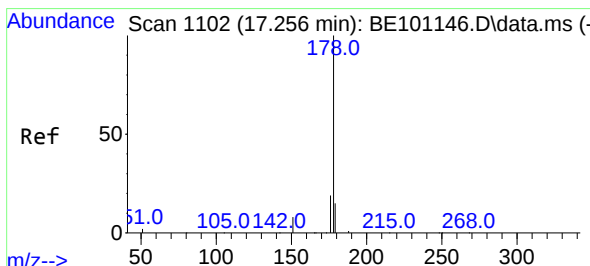
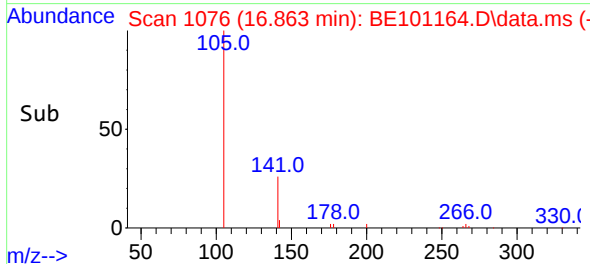
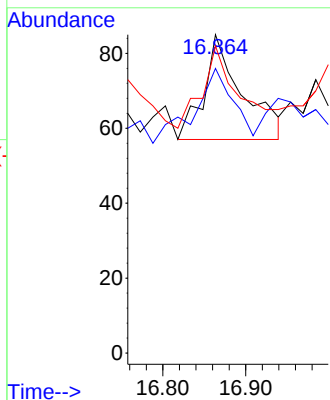
Instrument :
BNA_E
ClientSampled :
ASR7RE



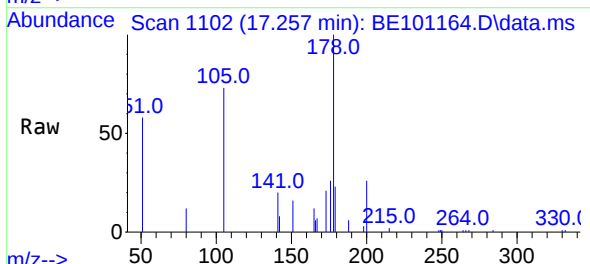
Tgt Ion:266 Resp: 91
Ion Ratio Lower Upper
266 100
264 72.5 51.4 77.0
268 74.7 49.9 74.9

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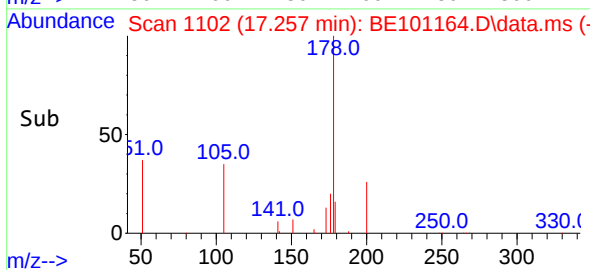
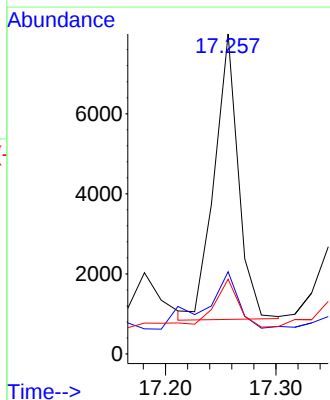
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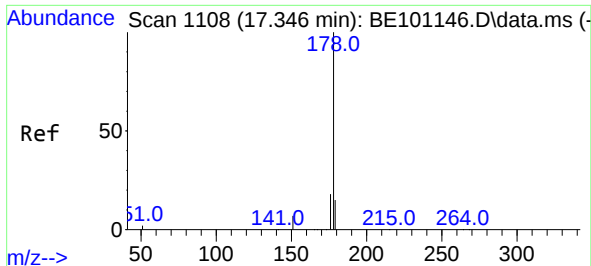


#25
Phenanthrene
Concen: 0.12 ng
RT: 17.257 min Scan# 1102
Delta R.T. 0.001 min
Lab File: BE101164.D
Acq: 31 Mar 2021 16:22

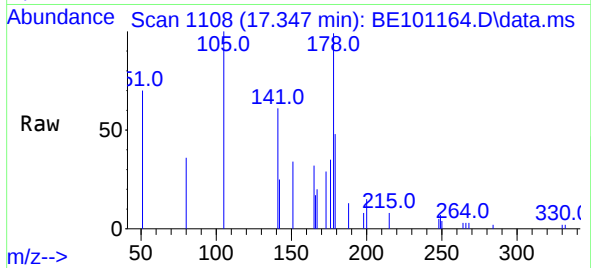


Tgt Ion:178 Resp: 10776
Ion Ratio Lower Upper
178 100
176 30.1 14.7 22.1#
179 25.2 12.4 18.6#



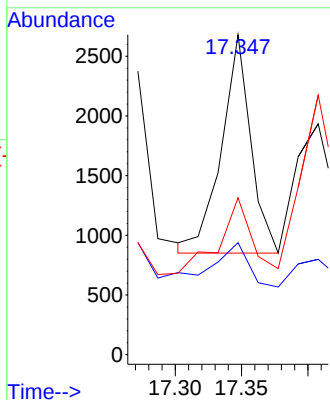


#26
 Anthracene
 Concen: 0.04 ng
 RT: 17.347 min Scan# 1108
 Delta R.T. 0.001 min
 Lab File: BE101164.D
 Acq: 31 Mar 2021 16:22



Tgt Ion:178 Resp: 2790

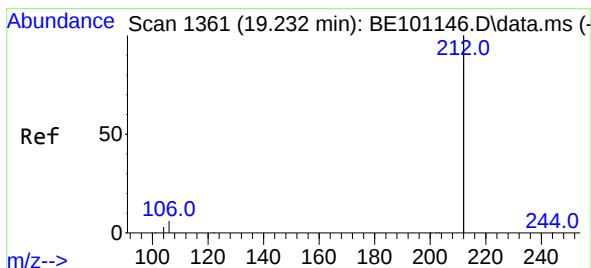
Ion	Ratio	Lower	Upper
178	100		
176	20.1	14.4	21.6
179	39.8	12.2	18.4#



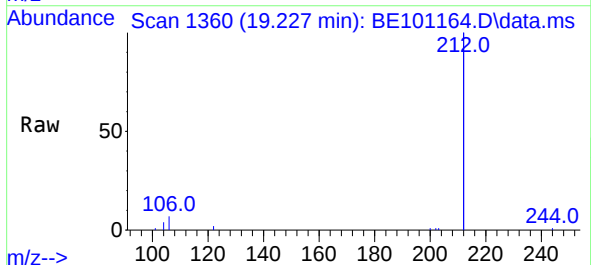
Instrument :
 BNA_E
 ClientSampled :
 ASR7RE

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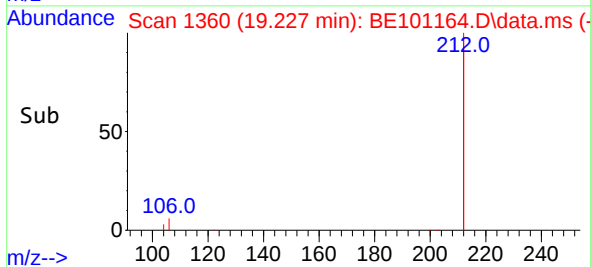
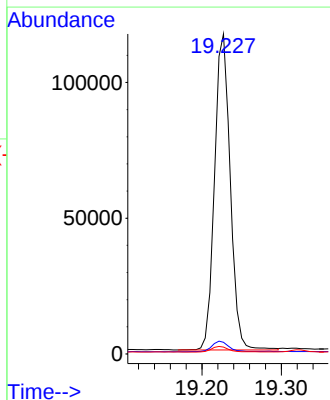


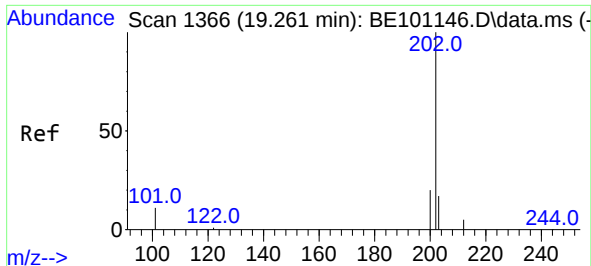
#27
 Fluoranthene-d10
 Concen: 0.39 ng
 RT: 19.227 min Scan# 1360
 Delta R.T. -0.005 min
 Lab File: BE101164.D
 Acq: 31 Mar 2021 16:22



Tgt Ion:212 Resp: 159968

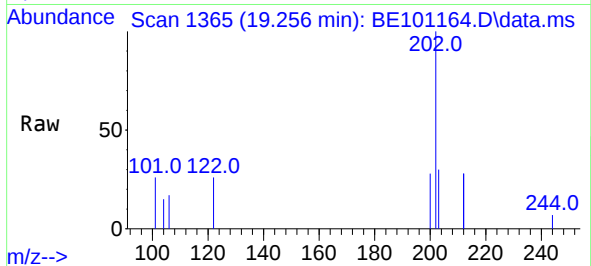
Ion	Ratio	Lower	Upper
212	100		
106	3.6	2.6	3.8
104	1.9	1.4	2.2





#28
Fluoranthene
Concen: 0.06 ng
RT: 19.256 min Scan# 1365
Delta R.T. -0.005 min
Lab File: BE101164.D
Acq: 31 Mar 2021 16:22

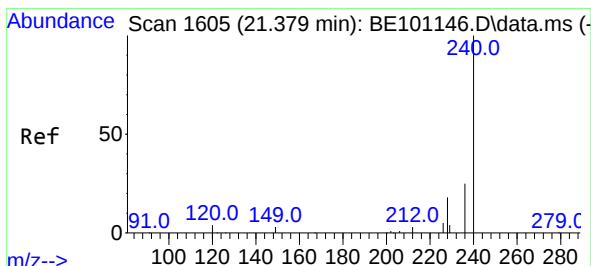
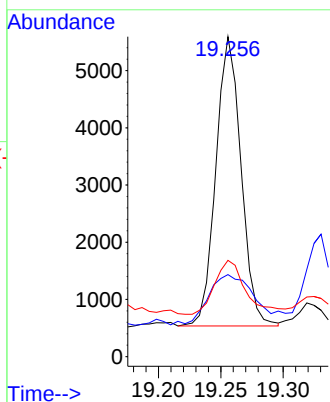
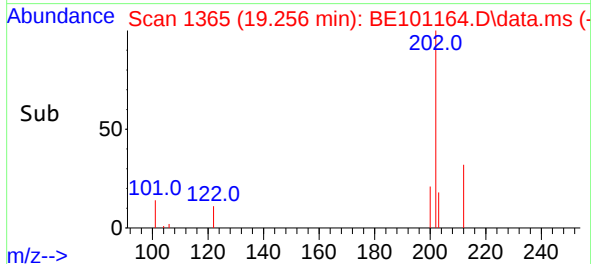
Instrument :
BNA_E
ClientSampled :
ASR7RE



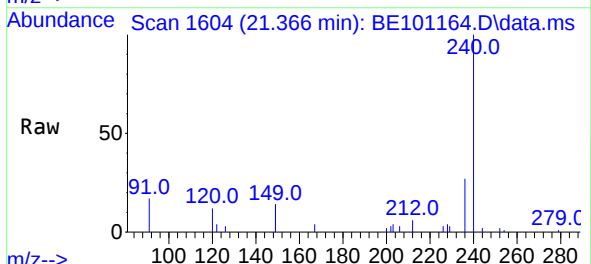
Tgt Ion:202 Resp: 7118
Ion Ratio Lower Upper
202 100
101 32.8 8.9 13.3#
203 23.1 13.8 20.6#

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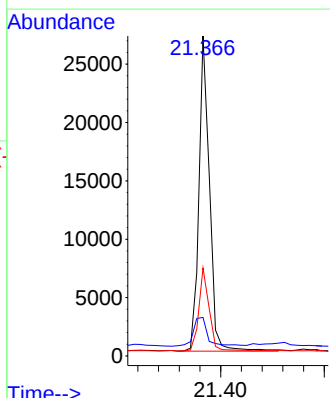
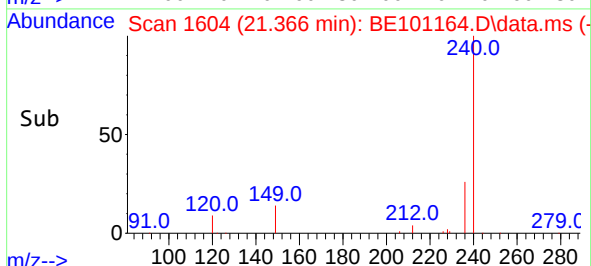
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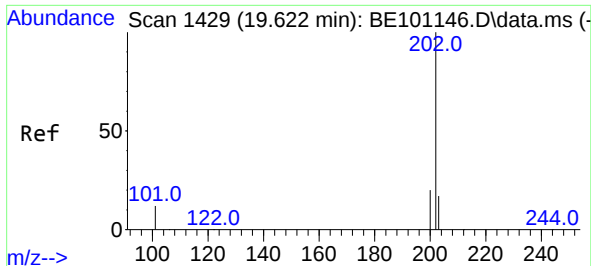


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.366 min Scan# 1604
Delta R.T. -0.013 min
Lab File: BE101164.D
Acq: 31 Mar 2021 16:22



Tgt Ion:240 Resp: 38327
Ion Ratio Lower Upper
240 100
120 12.0 4.1 6.1#
236 27.5 20.3 30.5





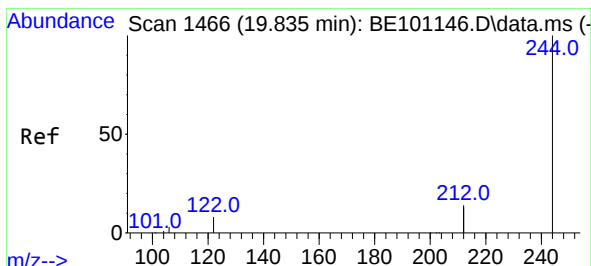
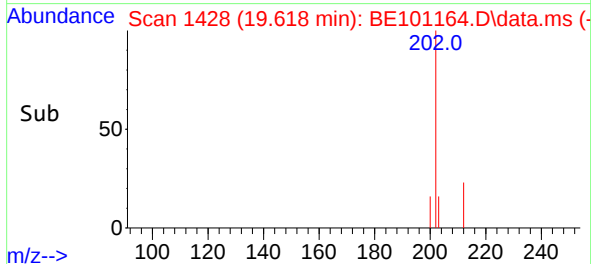
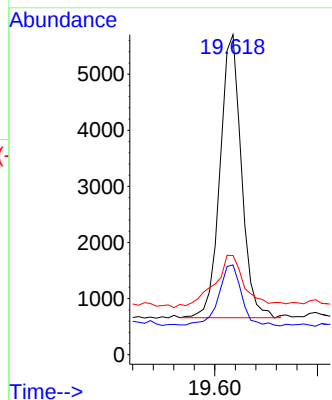
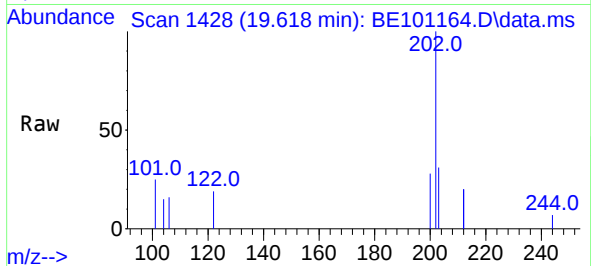
#30
 Pyrene
 Concen: 0.06 ng
 RT: 19.618 min Scan# 1428
 Delta R.T. -0.005 min
 Lab File: BE101164.D
 Acq: 31 Mar 2021 16:22

Tgt Ion:202 Resp: 7272
 Ion Ratio Lower Upper
 202 100
 200 23.3 16.2 24.2
 203 27.0 13.9 20.9#

Instrument :
 BNA_E
 ClientSampleId :
 ASR7RE

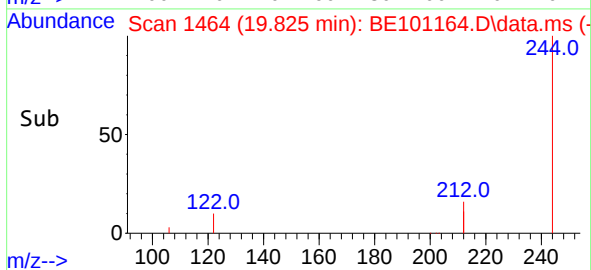
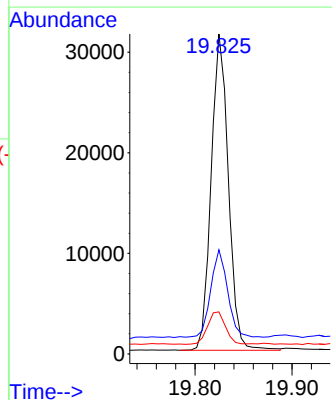
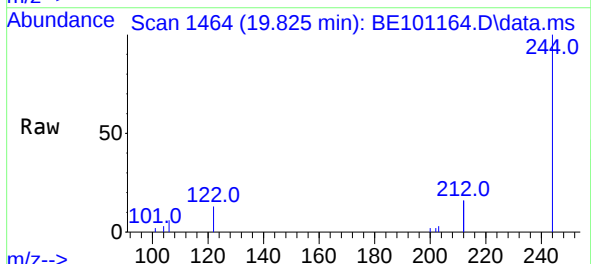
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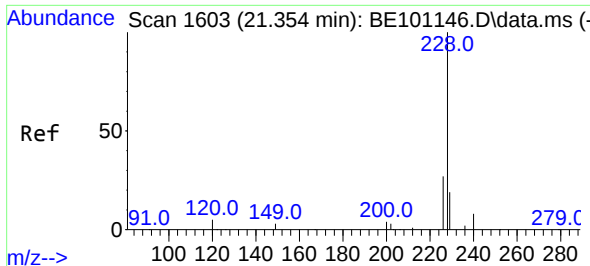
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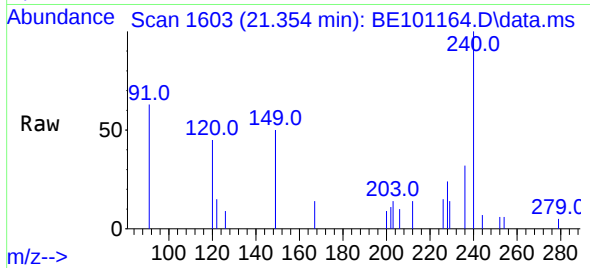
#31
 Terphenyl-d14
 Concen: 0.44 ng
 RT: 19.825 min Scan# 1464
 Delta R.T. -0.010 min
 Lab File: BE101164.D
 Acq: 31 Mar 2021 16:22

Tgt Ion:244 Resp: 38679
 Ion Ratio Lower Upper
 244 100
 212 32.6 21.7 32.5#
 122 13.1 6.6 10.0#

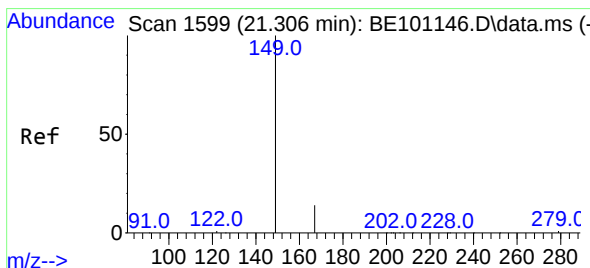
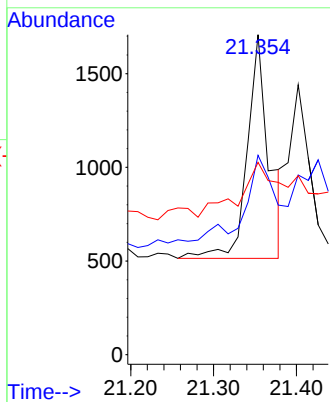
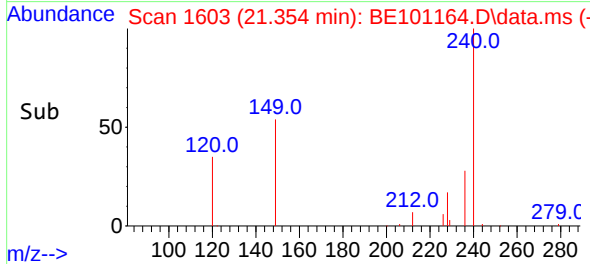




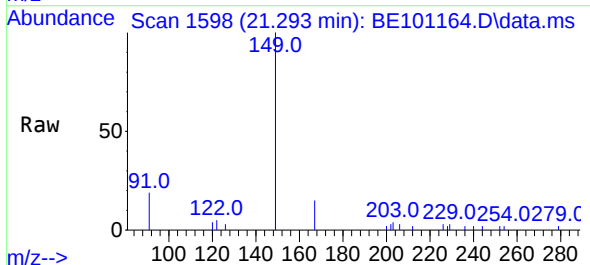
#32
Benzo(a)anthracene
Concen: 0.02 ng
RT: 21.354 min Scan# 1603
Delta R.T. -0.001 min
Lab File: BE101164.D
Acq: 31 Mar 2021 16:22



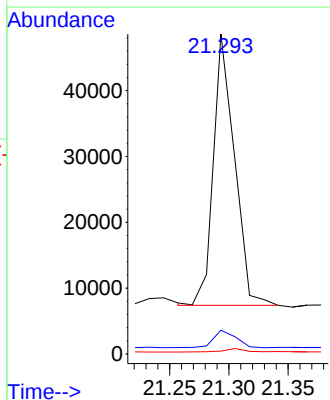
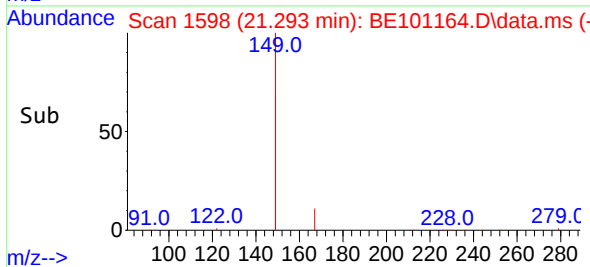
Tgt Ion:228 Resp: 2205
Ion Ratio Lower Upper
228 100
226 62.3 21.8 32.8#
229 60.1 15.4 23.0#



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.79 ng
RT: 21.293 min Scan# 1598
Delta R.T. -0.013 min
Lab File: BE101164.D
Acq: 31 Mar 2021 16:22



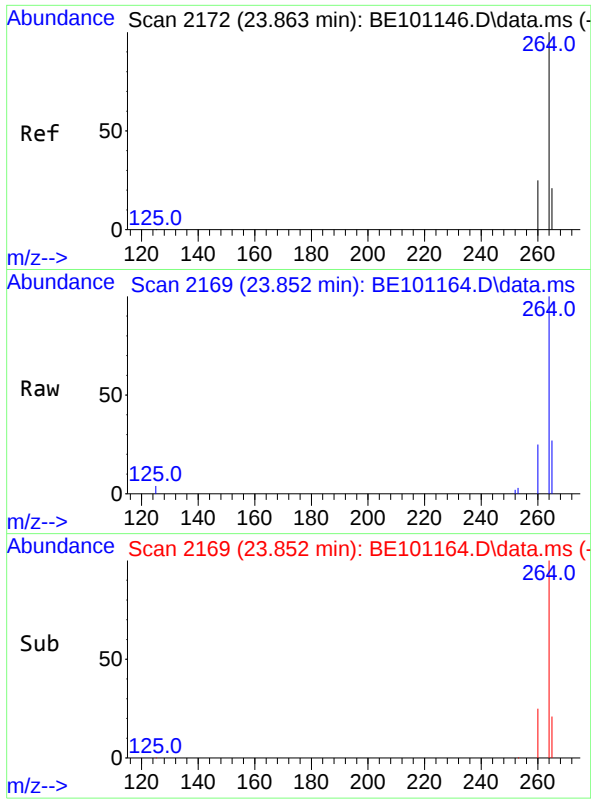
Tgt Ion:149 Resp: 50935
Ion Ratio Lower Upper
149 100
167 6.8 5.4 8.2
279 1.3 0.9 1.3



Instrument :
BNA_E
ClientSampled :
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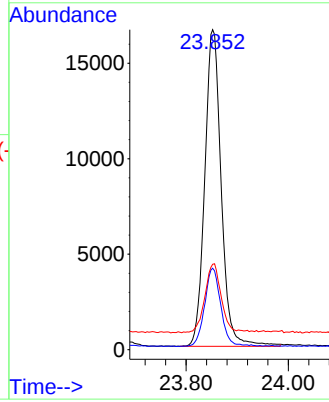
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#36
Perylene-d12
Concen: 0.40 ng
RT: 23.852 min Scan# 2169
Delta R.T. -0.011 min
Lab File: BE101164.D
Acq: 31 Mar 2021 16:22

Tgt Ion:264	Resp:	37114
Ion Ratio	Lower	Upper
264	100	
260	25.5	20.5 30.7
265	26.7	20.6 30.8



Instrument :
BNA_E
ClientSampleId :
ASR7RE

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