

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE041421\
 Data File : BE101300.D
 Acq On : 14 Apr 2021 14:13
 Operator : CG/JU
 Sample : M1998-13
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 EB_04-08-2021_SO

Manual Integrations
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Quant Time: Apr 14 15:10:30 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-SIM-BE041221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 12 18:02:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.827	152	3001	0.40	ng	0.00
7) Naphthalene-d8	10.614	136	12997	0.40	ng	# 0.00
13) Acenaphthene-d10	14.442	164	8205	0.40	ng	0.00
19) Phenanthrene-d10	17.196	188	20100	0.40	ng	# 0.00
29) Chrysene-d12	21.355	240	21062	0.40	ng	# 0.00
36) Perylene-d12	23.837	264	21364	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.420	112	1080	0.12	ng	-0.01
5) Phenol-d6	6.998	99	890	0.07	ng	0.00
8) Nitrobenzene-d5	8.977	82	3426	0.29	ng	0.00
11) 2-Methylnaphthalene-d10	12.195	152	6260	0.21	ng	0.00
14) 2,4,6-Tribromophenol	15.986	330	508m	0.21	ng	0.03
15) 2-Fluorobiphenyl	13.074	172	10221	0.36	ng	0.00
27) Fluoranthene-d10	19.215	212	86314	0.25	ng	0.00
31) Terphenyl-d14	19.813	244	23326	0.46	ng	0.00
Target Compounds						Qvalue
30) Pyrene	19.606	202	1539	0.02	ng	97
32) Benzo(a)anthracene	21.343	228	1927	0.03	ng	95
33) Chrysene	21.391	228	2172	0.03	ng	97
34) Bis(2-ethylhexyl)phtha...	21.270	149	37675	0.43	ng	100
35) Indeno(1,2,3-cd)pyrene	26.448	276	1990	0.03	ng	95
37) Benzo(b)fluoranthene	23.074	252	1971	0.03	ng	# 77
38) Benzo(k)fluoranthene	23.124	252	2112	0.03	ng	# 80
39) Benzo(a)pyrene	23.723	252	1579	0.02	ng	# 67
40) Dibenzo(a,h)anthracene	26.477	278	1773	0.03	ng	# 77
41) Benzo(g,h,i)perylene	27.254	276	1782	0.03	ng	# 82

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

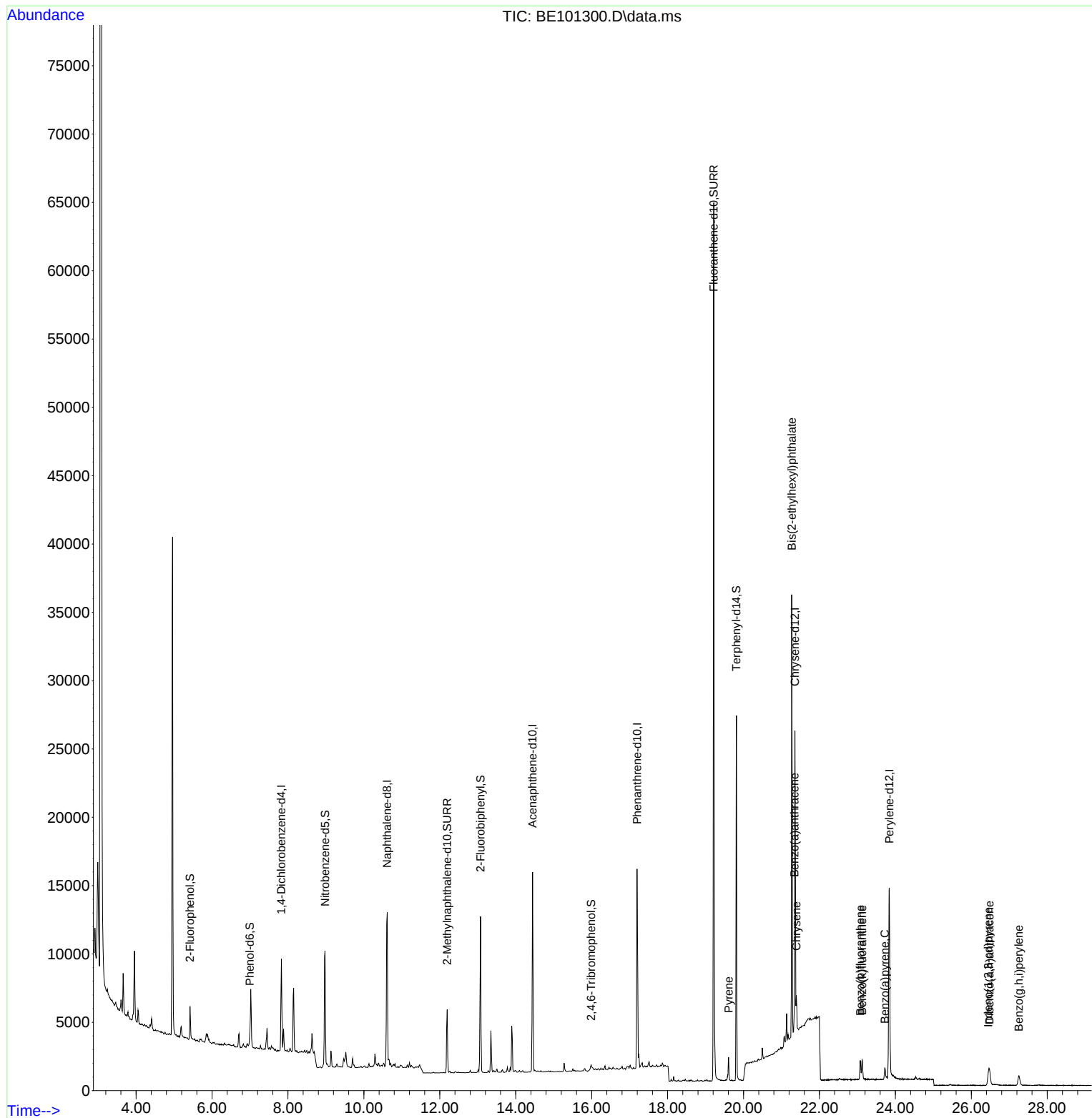
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Data File : BE101300.D
Acq On : 14 Apr 2021 14:13
Operator : CG/JU
Sample : M1998-13
Misc :
ALS Vial : 5 Sample Multiplier: 1

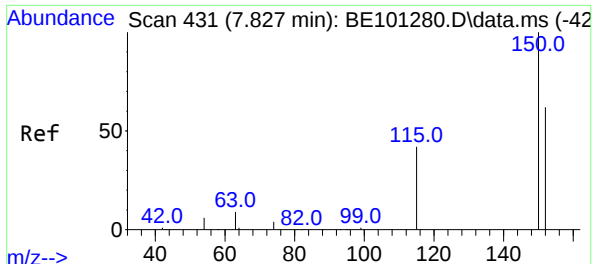
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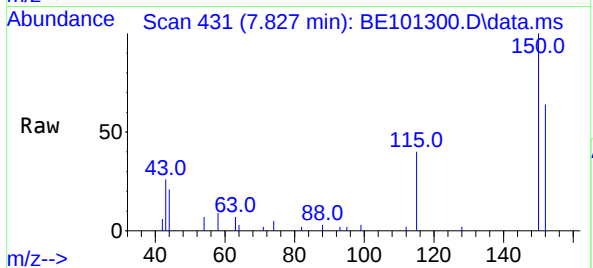
Quant Time: Apr 14 15:10:30 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-SIM-BE041221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 12 18:02:55 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.827 min Scan# 431
Delta R.T. 0.000 min
Lab File: BE101300.D
Acq: 14 Apr 2021 14:13

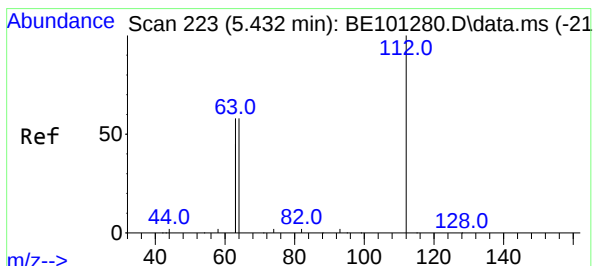
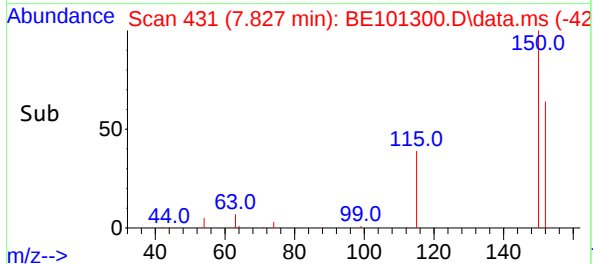
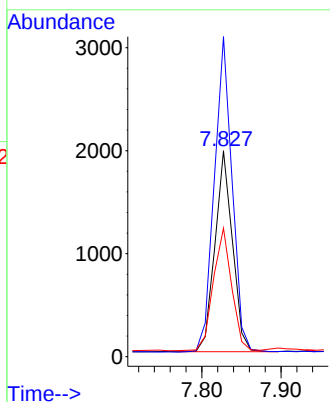
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BNA_E
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EB_04-08-2021_SO



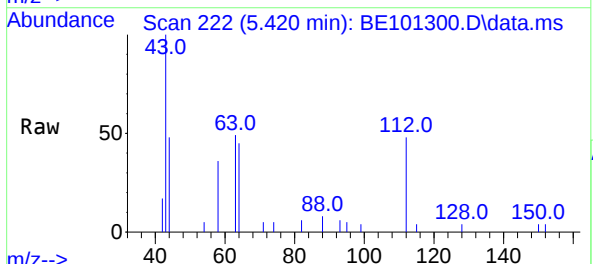
Tgt Ion:152 Resp: 3001
Ion Ratio Lower Upper
152 100
150 155.4 116.9 175.3
115 62.4 44.5 66.7

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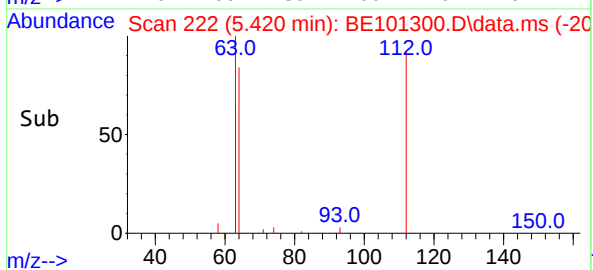
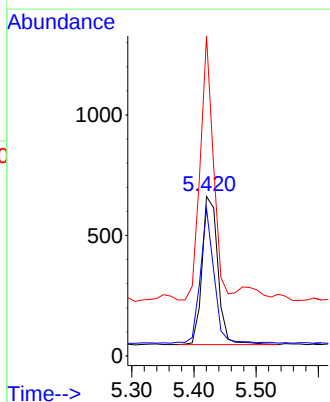
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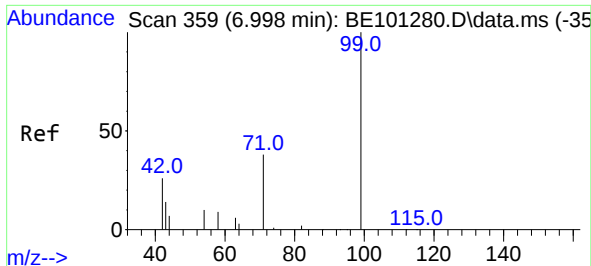


#4
2-Fluorophenol
Concen: 0.12 ng
RT: 5.420 min Scan# 222
Delta R.T. -0.012 min
Lab File: BE101300.D
Acq: 14 Apr 2021 14:13

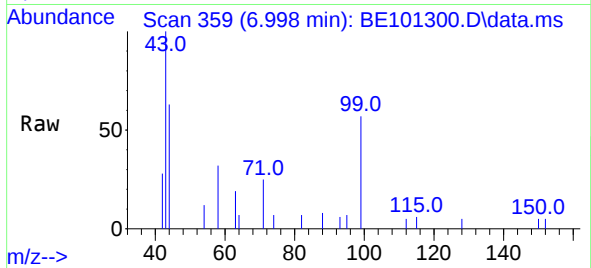


Tgt Ion:112 Resp: 1080
Ion Ratio Lower Upper
112 100
64 78.4 62.3 93.5
63 151.0 117.3 175.9

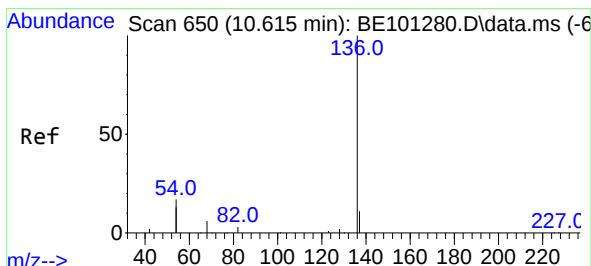
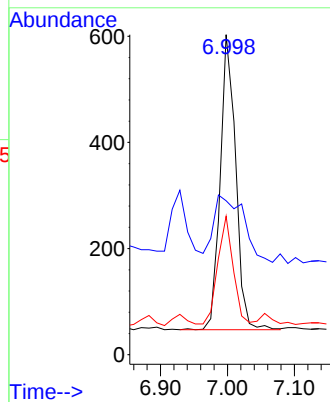
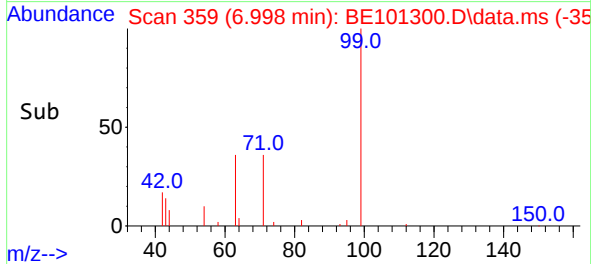




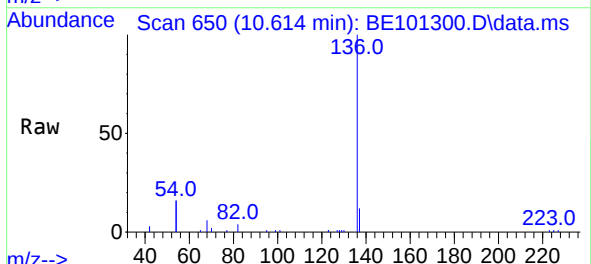
#5
Phenol-d6
Concen: 0.07 ng
RT: 6.998 min Scan# 359
Delta R.T. -0.000 min
Lab File: BE101300.D
Acq: 14 Apr 2021 14:13



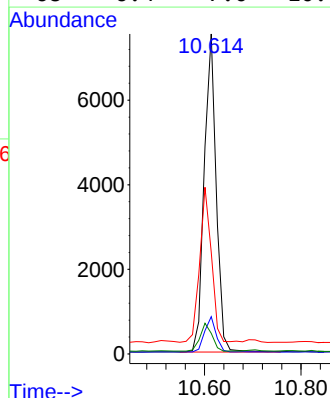
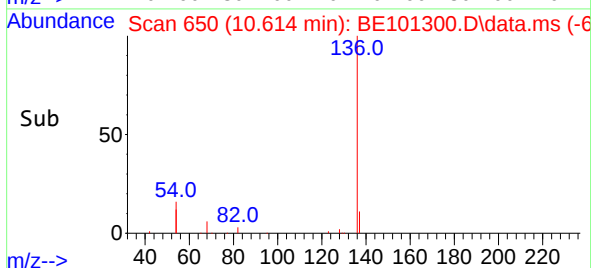
Tgt Ion: 99 Resp: 890
Ion Ratio Lower Upper
99 100
42 43.9 18.5 27.7#
71 36.1 26.5 39.7



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.614 min Scan# 650
Delta R.T. -0.001 min
Lab File: BE101300.D
Acq: 14 Apr 2021 14:13



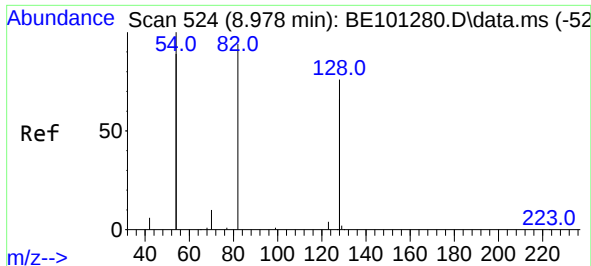
Tgt Ion: 136 Resp: 12997
Ion Ratio Lower Upper
136 100
137 11.7 8.6 13.0
54 31.8 34.7 52.1#
68 6.4 7.0 10.4#



Instrument :
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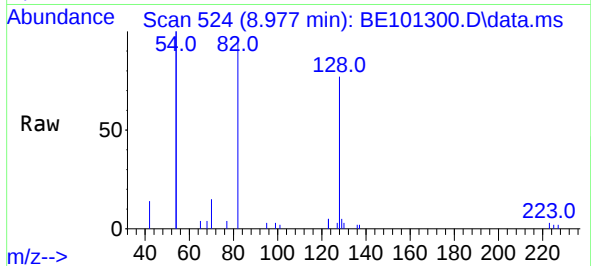
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#8
Nitrobenzene-d5
Concen: 0.29 ng
RT: 8.977 min Scan# 524
Delta R.T. -0.001 min
Lab File: BE101300.D
Acq: 14 Apr 2021 14:13

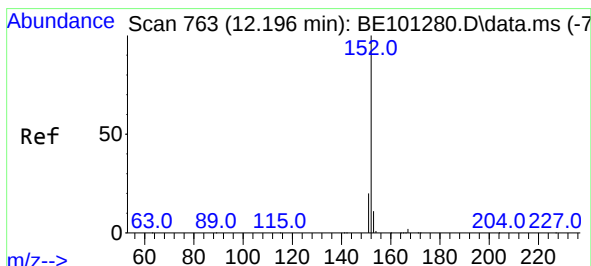
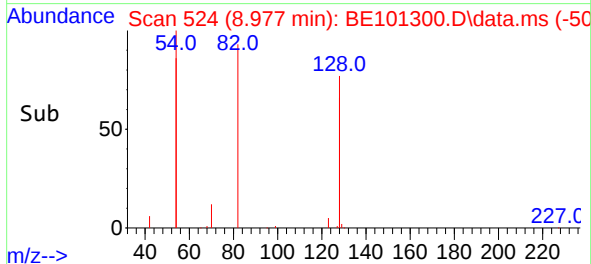
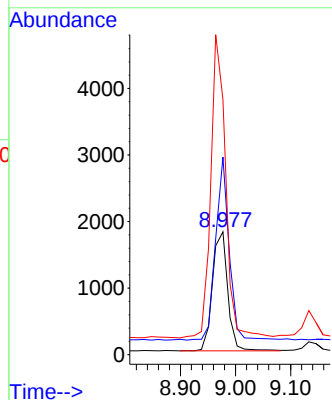
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BNA_E
ClientSampleId :
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Tgt Ion: 82 Resp: 3426
Ion Ratio Lower Upper
82 100
128 160.7 118.7 178.1
54 207.6 164.4 246.6

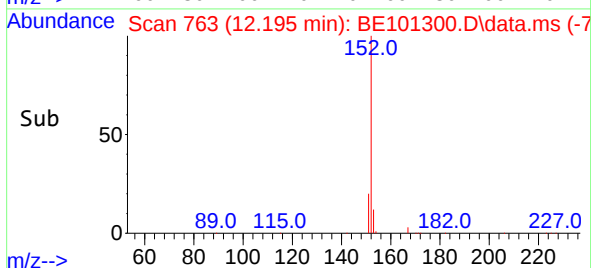
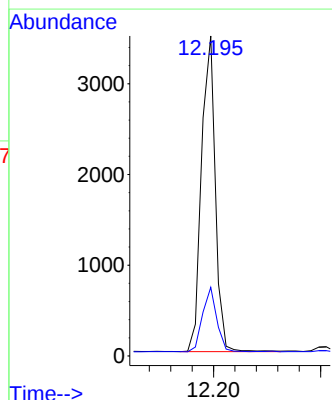
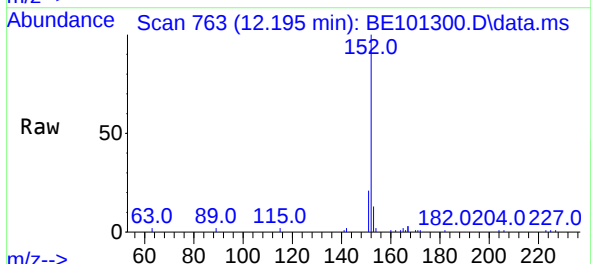
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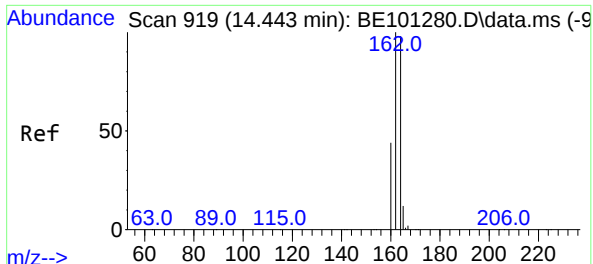
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#11
2-Methylnaphthalene-d10
Concen: 0.21 ng
RT: 12.195 min Scan# 763
Delta R.T. -0.001 min
Lab File: BE101300.D
Acq: 14 Apr 2021 14:13

Tgt Ion: 152 Resp: 6260
Ion Ratio Lower Upper
152 100
151 20.8 16.5 24.7





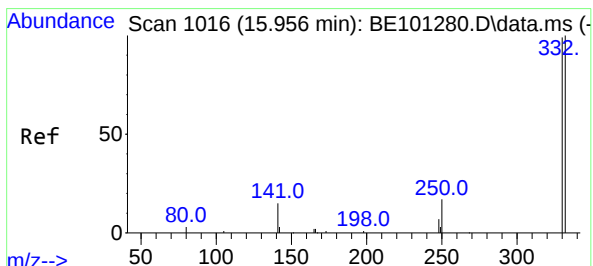
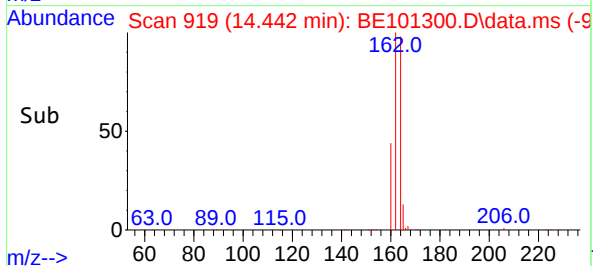
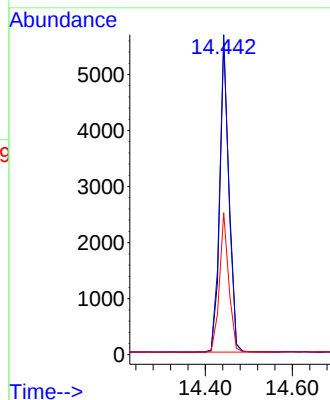
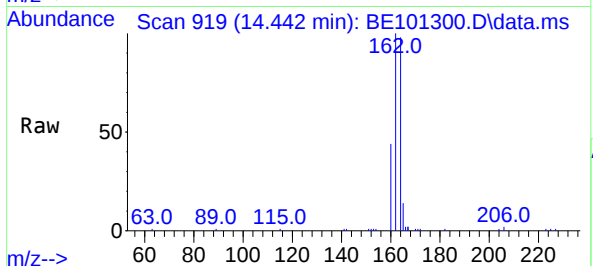
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.442 min Scan# 919
Delta R.T. -0.001 min
Lab File: BE101300.D
Acq: 14 Apr 2021 14:13

Tgt Ion:	164	Resp:	8205
Ion	Ratio	Lower	Upper
164	100		
162	102.2	85.3	127.9
160	45.3	39.1	58.7

Instrument :
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ClientSampleId :
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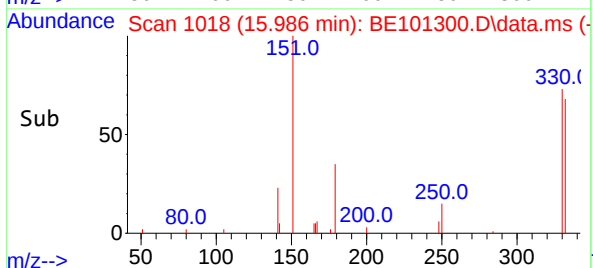
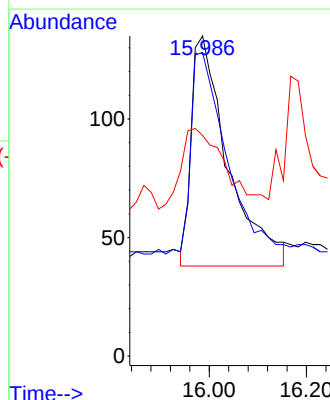
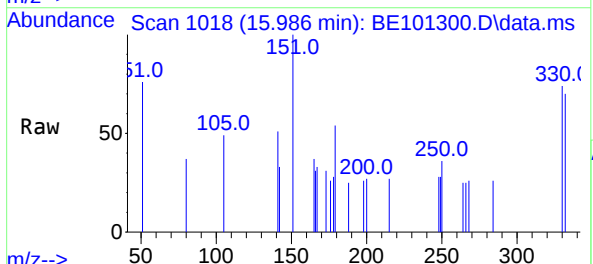
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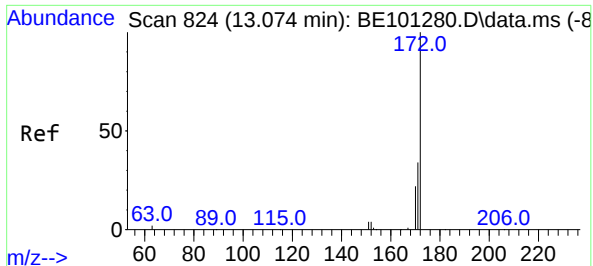
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#14
2,4,6-Tribromophenol
Concen: 0.21 ng m
RT: 15.986 min Scan# 1018
Delta R.T. 0.031 min
Lab File: BE101300.D
Acq: 14 Apr 2021 14:13

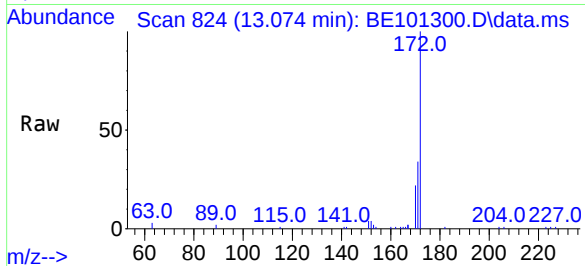
Tgt Ion:	330	Resp:	508
Ion	Ratio	Lower	Upper
330	100		
332	47.2	77.8	116.6#
141	26.8	30.4	45.6#





#15
2-Fluorobiphenyl
Concen: 0.36 ng
RT: 13.074 min Scan# 824
Delta R.T. -0.001 min
Lab File: BE101300.D
Acq: 14 Apr 2021 14:13

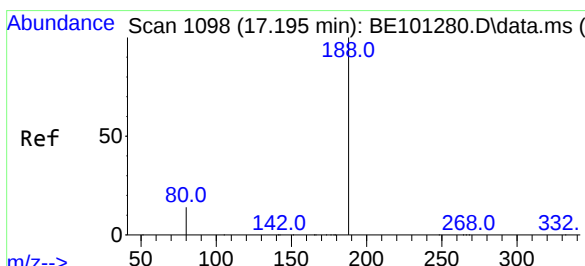
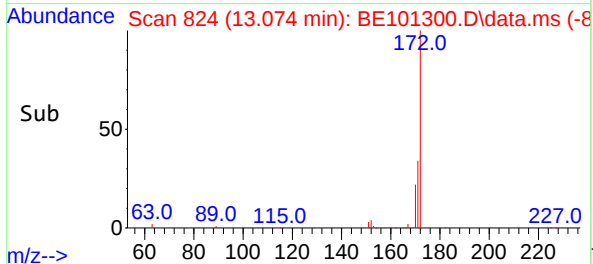
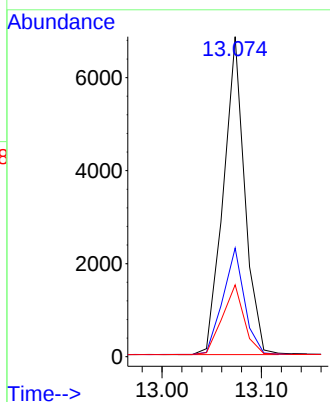
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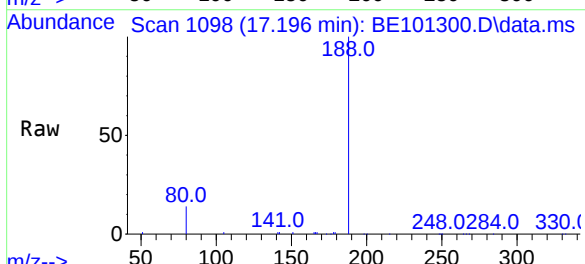
Tgt Ion:	172	Resp:	10221
Ion	Ratio	Lower	Upper
172	100		
171	34.0	28.7	43.1
170	22.5	19.3	28.9

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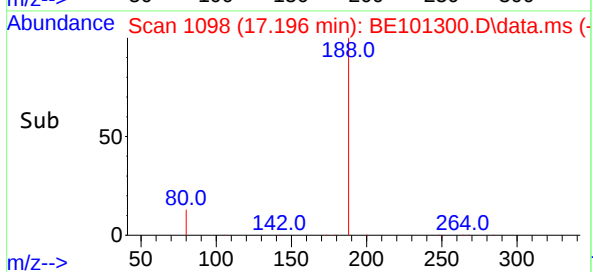
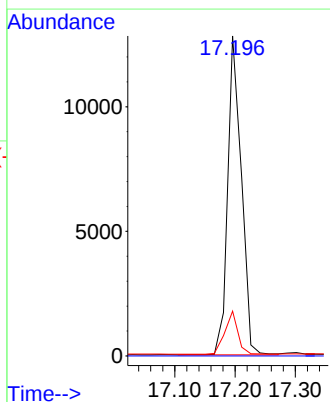
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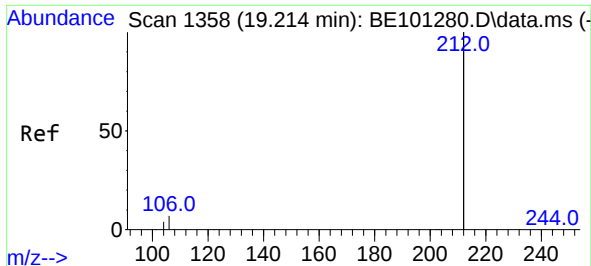


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.196 min Scan# 1098
Delta R.T. 0.001 min
Lab File: BE101300.D
Acq: 14 Apr 2021 14:13



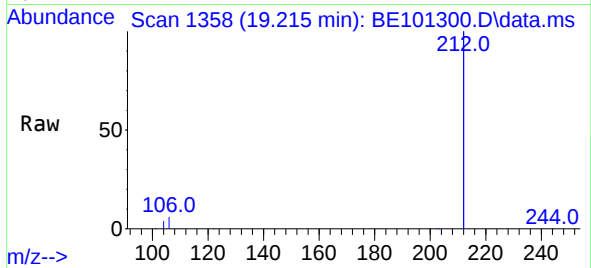
Tgt Ion:	188	Resp:	20100
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.0	4.6	6.8





#27
Fluoranthene-d10
Concen: 0.25 ng
RT: 19.215 min Scan# 1358
Delta R.T. 0.001 min
Lab File: BE101300.D
Acq: 14 Apr 2021 14:13

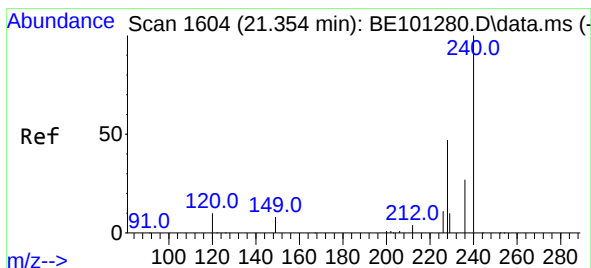
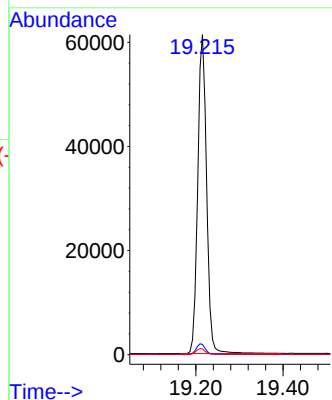
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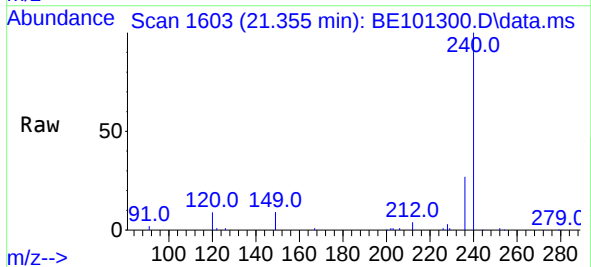
Tgt Ion:212 Resp: 86314
Ion Ratio Lower Upper
212 100
106 3.3 2.6 4.0
104 1.9 1.4 2.2

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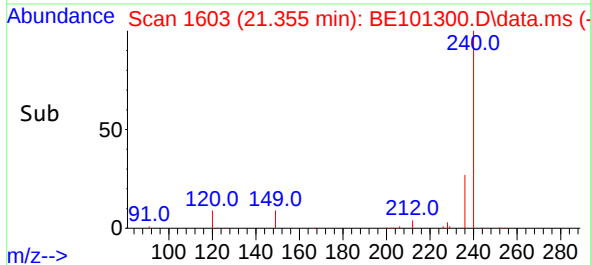
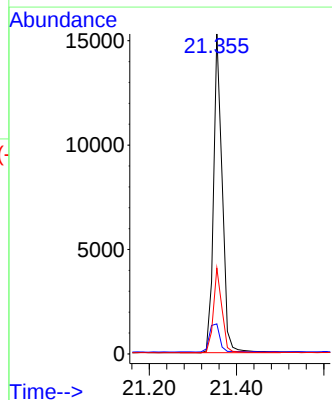
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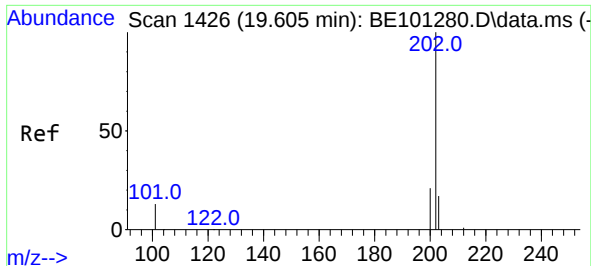


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.355 min Scan# 1603
Delta R.T. 0.000 min
Lab File: BE101300.D
Acq: 14 Apr 2021 14:13

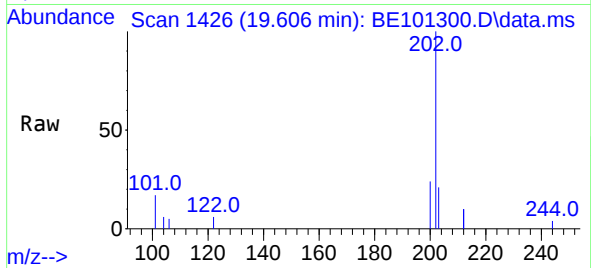


Tgt Ion:240 Resp: 21062
Ion Ratio Lower Upper
240 100
120 9.4 10.2 15.4#
236 26.9 21.7 32.5

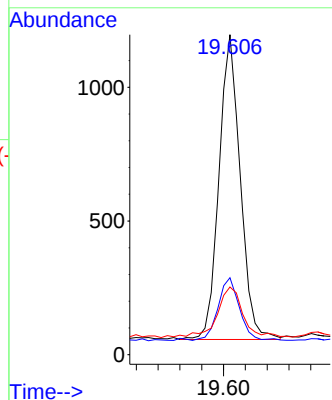




#30
Pyrene
Concen: 0.02 ng
RT: 19.606 min Scan# 1426
Delta R.T. 0.001 min
Lab File: BE101300.D
Acq: 14 Apr 2021 14:13



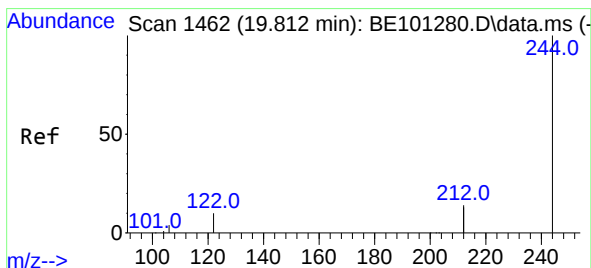
Tgt Ion:202 Resp: 1539
Ion Ratio Lower Upper
202 100
200 20.8 16.6 24.8
203 20.5 13.8 20.8



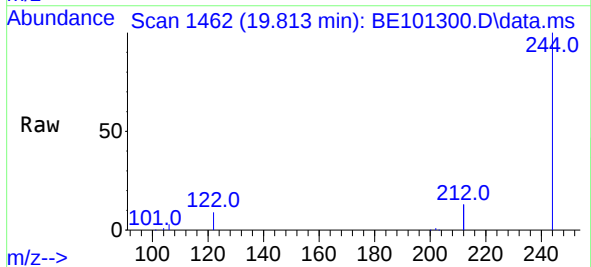
Instrument :
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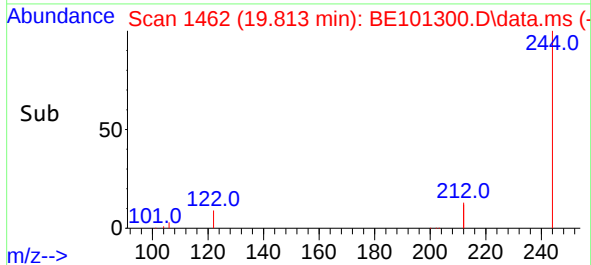
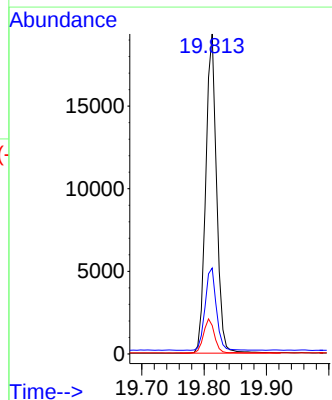
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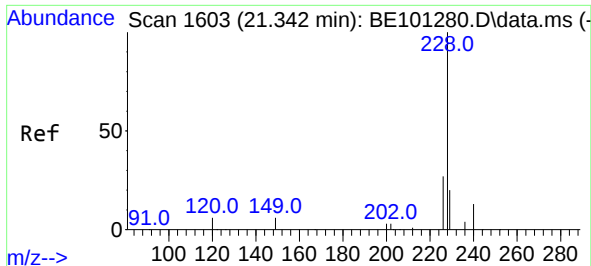


#31
Terphenyl-d14
Concen: 0.46 ng
RT: 19.813 min Scan# 1462
Delta R.T. 0.001 min
Lab File: BE101300.D
Acq: 14 Apr 2021 14:13

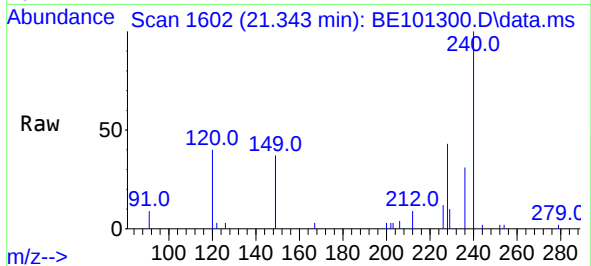


Tgt Ion:244 Resp: 23326
Ion Ratio Lower Upper
244 100
212 26.8 21.9 32.9
122 8.9 7.3 10.9

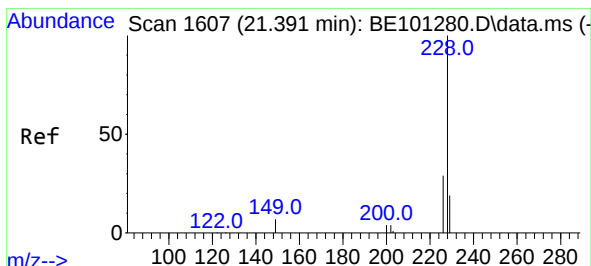
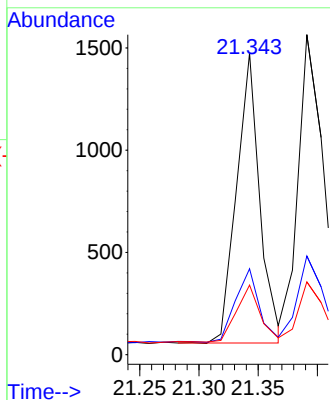
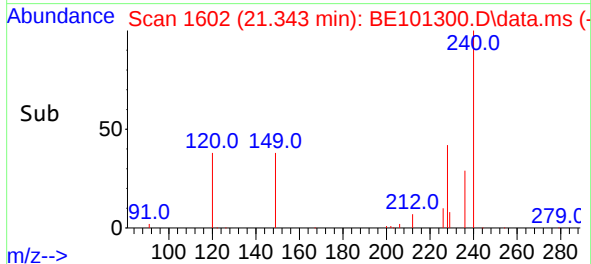




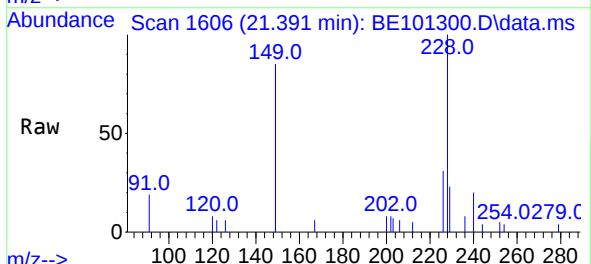
#32
Benzo(a)anthracene
Concen: 0.03 ng
RT: 21.343 min Scan# 1602
Delta R.T. 0.000 min
Lab File: BE101300.D
Acq: 14 Apr 2021 14:13



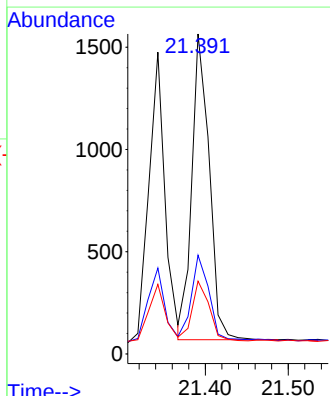
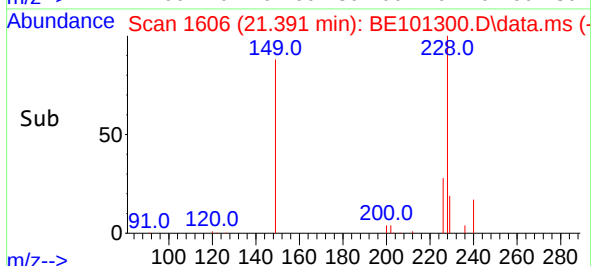
Tgt Ion:228 Resp: 1927
Ion Ratio Lower Upper
228 100
226 28.5 21.4 32.2
229 23.0 15.7 23.5



#33
Chrysene
Concen: 0.03 ng
RT: 21.391 min Scan# 1606
Delta R.T. 0.000 min
Lab File: BE101300.D
Acq: 14 Apr 2021 14:13



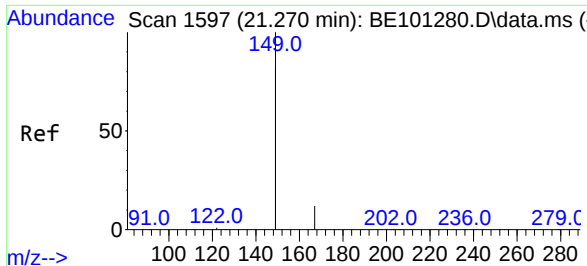
Tgt Ion:228 Resp: 2172
Ion Ratio Lower Upper
228 100
226 30.9 24.8 37.2
229 22.7 15.2 22.8



Instrument :
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ClientSampleId :
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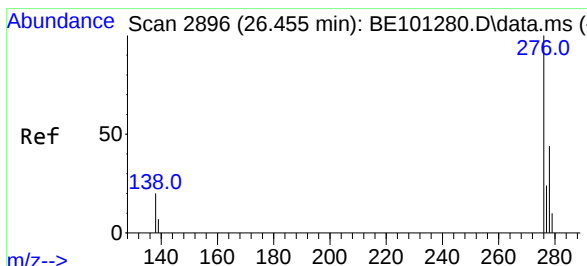
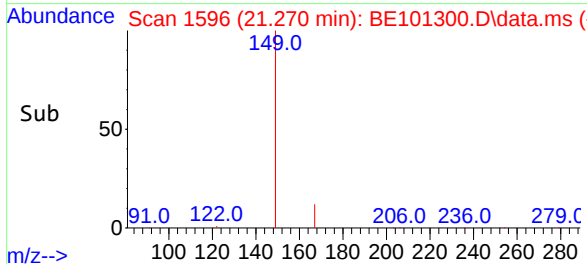
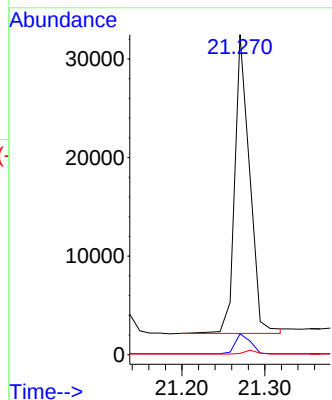
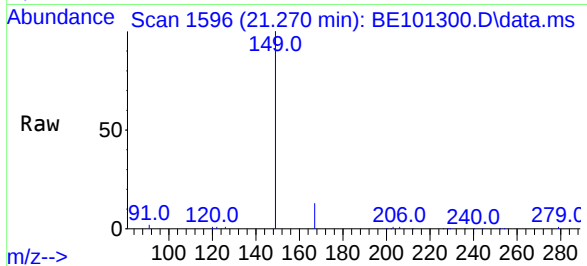
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.43 ng
RT: 21.270 min Scan# 1596
Delta R.T. 0.000 min
Lab File: BE101300.D
Acq: 14 Apr 2021 14:13

Tgt Ion:	149	Resp:	37675
Ion Ratio	Lower	Upper	
149	100		
167	6.9	5.5	8.3
279	1.2	1.0	1.4

Instrument :
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ClientSampleId :
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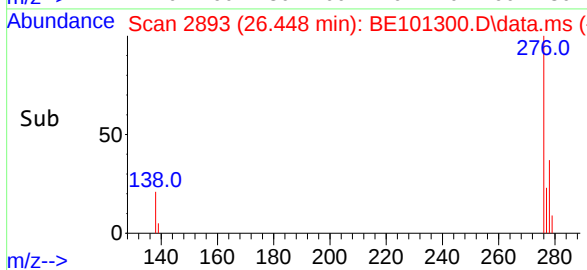
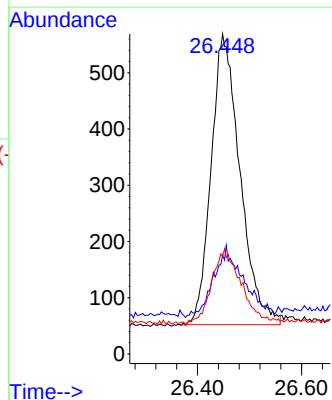
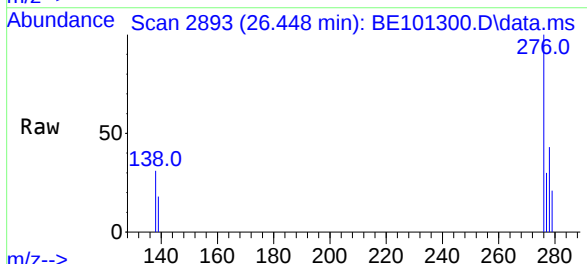
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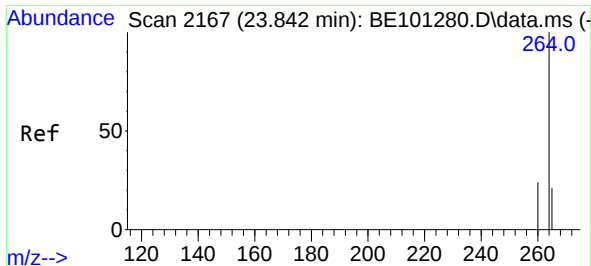
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#35
Indeno(1,2,3-cd)pyrene
Concen: 0.03 ng
RT: 26.448 min Scan# 2893
Delta R.T. -0.007 min
Lab File: BE101300.D
Acq: 14 Apr 2021 14:13

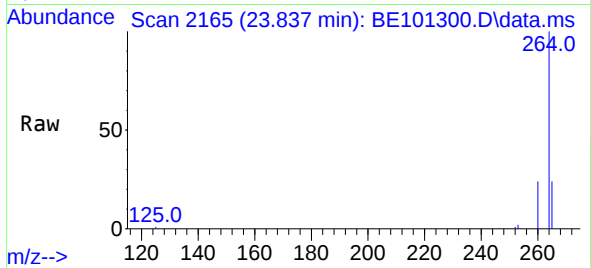
Tgt Ion:	276	Resp:	1990
Ion Ratio	Lower	Upper	
276	100		
138	24.9	17.4	26.0
277	26.3	19.8	29.8





#36
Perylene-d12
Concen: 0.40 ng
RT: 23.837 min Scan# 2165
Delta R.T. -0.005 min
Lab File: BE101300.D
Acq: 14 Apr 2021 14:13

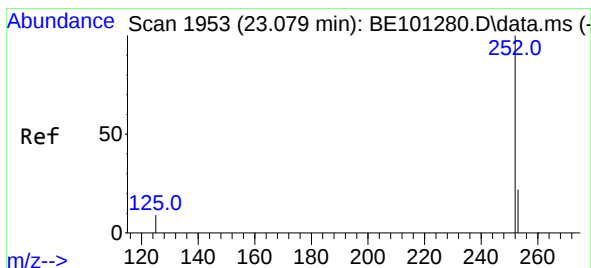
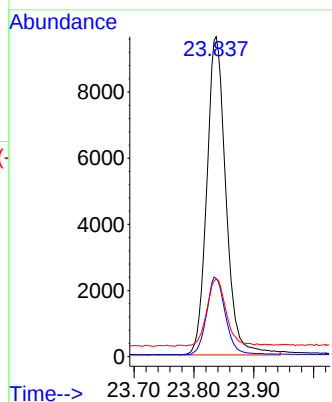
Instrument :
BNA_E
ClientSampleId :
EB_04-08-2021_SO



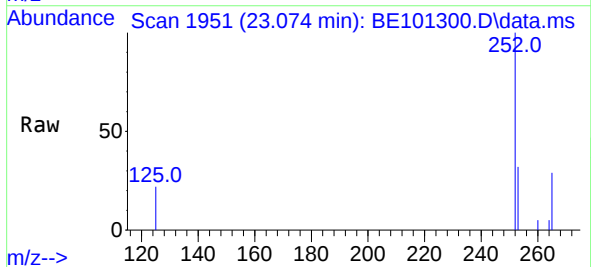
Tgt Ion:264	Resp:	21364
Ion Ratio	Lower	Upper
264	100	
260	24.4	19.3 28.9
265	24.3	22.4 33.6

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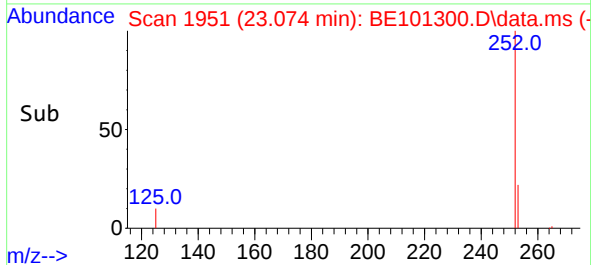
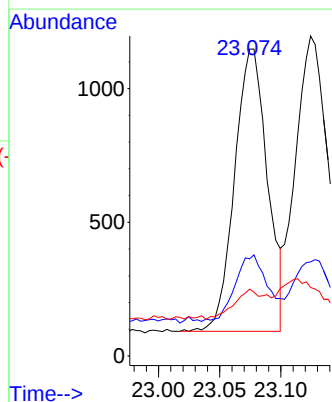
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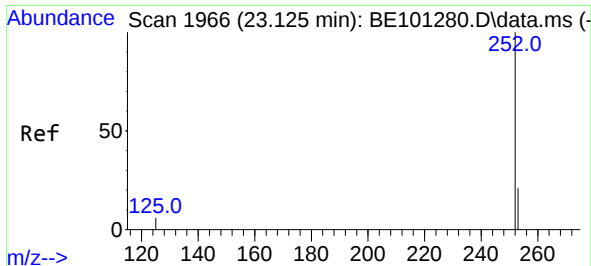


#37
Benzo(b)fluoranthene
Concen: 0.03 ng
RT: 23.074 min Scan# 1951
Delta R.T. -0.005 min
Lab File: BE101300.D
Acq: 14 Apr 2021 14:13



Tgt Ion:252	Resp:	1971
Ion Ratio	Lower	Upper
252	100	
253	31.6	18.1 27.1#
125	21.8	7.6 11.4#





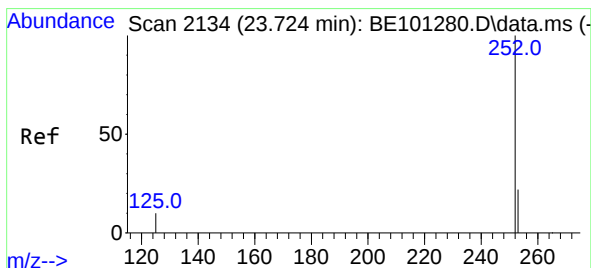
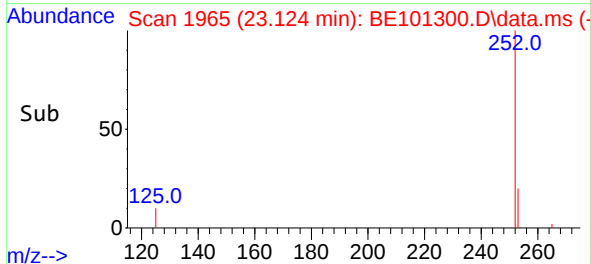
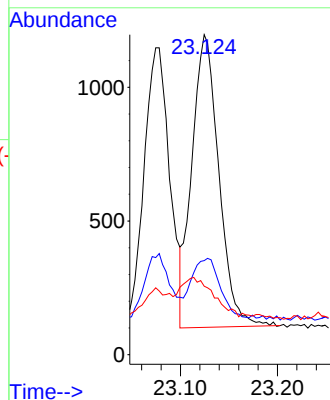
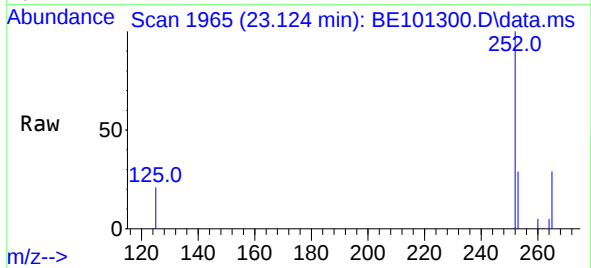
#38
Benzo(k)fluoranthene
Concen: 0.03 ng
RT: 23.124 min Scan# 1965
Delta R.T. -0.001 min
Lab File: BE101300.D
Acq: 14 Apr 2021 14:13

Tgt Ion:252 Resp: 2112
Ion Ratio Lower Upper
252 100
253 29.4 17.8 26.6#
125 21.4 7.6 11.4#

Instrument :
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ClientSampleId :
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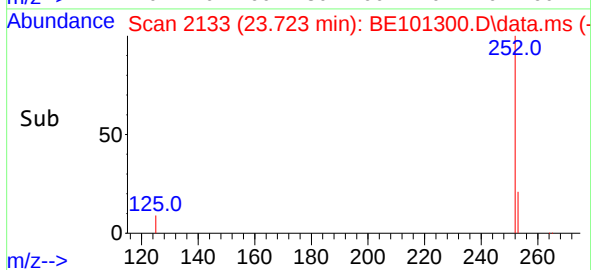
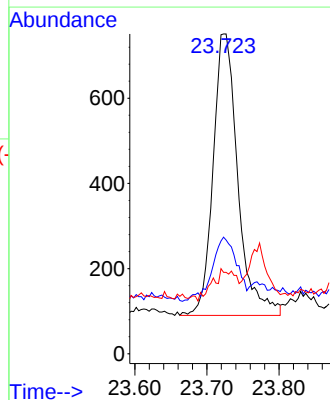
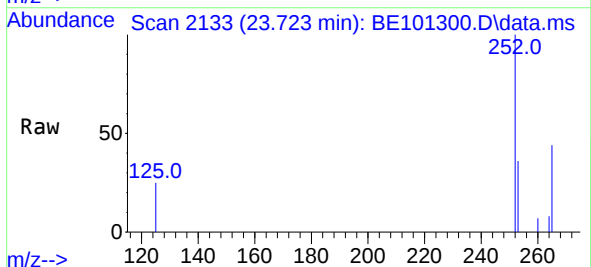
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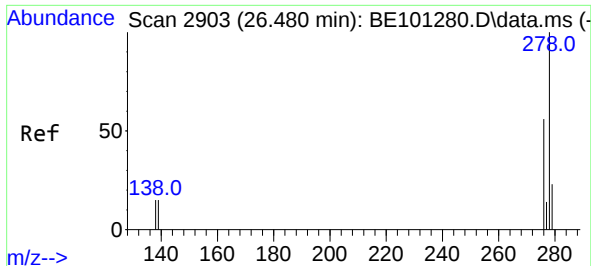
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#39
Benzo(a)pyrene
Concen: 0.02 ng
RT: 23.723 min Scan# 2133
Delta R.T. -0.001 min
Lab File: BE101300.D
Acq: 14 Apr 2021 14:13

Tgt Ion:252 Resp: 1579
Ion Ratio Lower Upper
252 100
253 36.5 18.0 27.0#
125 25.4 8.0 12.0#





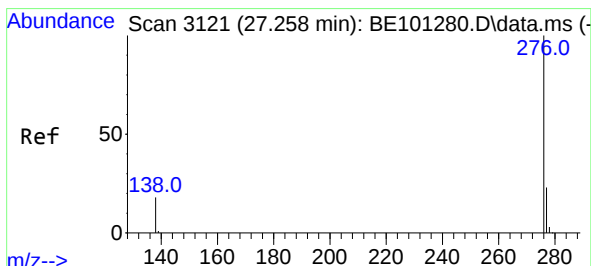
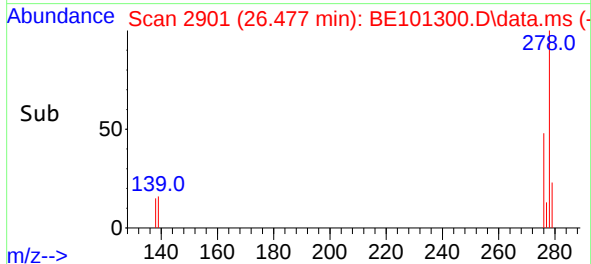
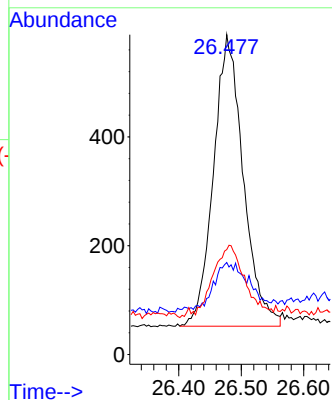
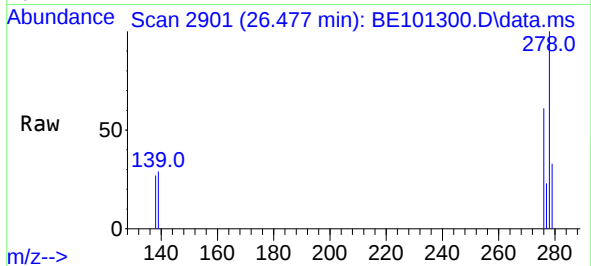
#40
Dibenzo(a,h)anthracene
Concen: 0.03 ng
RT: 26.477 min Scan# 2901
Delta R.T. -0.004 min
Lab File: BE101300.D
Acq: 14 Apr 2021 14:13

Tgt Ion: 278 Resp: 1773
Ion Ratio Lower Upper
278 100
139 28.7 12.2 18.2#
279 32.8 19.3 28.9#

Instrument :
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ClientSampleId :
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#41
Benzo(g,h,i)perylene
Concen: 0.03 ng
RT: 27.254 min Scan# 3119
Delta R.T. -0.004 min
Lab File: BE101300.D
Acq: 14 Apr 2021 14:13

Tgt Ion: 276 Resp: 1782
Ion Ratio Lower Upper
276 100
277 30.2 19.4 29.0#
138 30.5 15.2 22.8#

