

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093021\
 Data File : BN016596.D
 Acq On : 30 Sep 2021 05:20
 Operator : CG/JU
 Sample : M3922-01 10X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SUP-UST-03-(8-10)

Manual Integrations
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Quant Time: Sep 30 06:13:25 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN093021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 30 02:08:37 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.651	152	29871	0.400	ng	0.00
7) Naphthalene-d8	10.419	136	140863	0.400	ng	# 0.00
13) Acenaphthene-d10	14.281	164	94439	0.400	ng	0.00
19) Phenanthrene-d10	17.030	188	156727	0.400	ng	# 0.00
29) Chrysene-d12	21.249	240	153697	0.400	ng	# 0.01
35) Perylene-d12	23.515	264	131218	0.400	ng	# 0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.273	112	2844	0.037	ng	0.00
5) Phenol-d6	6.831	99	4706	0.057	ng	0.00
8) Nitrobenzene-d5	8.772	82	36898m	0.417	ng	-0.01
11) 2-Methylnaphthalene-d10	12.012	152	12919	0.063	ng	0.00
14) 2,4,6-Tribromophenol	15.778	330	977	0.023	ng	0.00
15) 2-Fluorobiphenyl	12.898	172	9854	0.025	ng	0.00
27) Fluoranthene-d10	19.083	212	25434	0.059	ng	0.00
31) Terphenyl-d14	19.693	244	15664	0.047	ng	0.00
Target Compounds					Qvalue	
9) Naphthalene	10.470	128	36472	0.094	ng	# 1
12) 2-Methylnaphthalene	12.087	142	857071	3.538	ng	99
16) Acenaphthylene	14.002	152	93692	0.224	ng	# 1
17) Acenaphthene	14.345	154	120023	0.432	ng	# 51
18) Fluorene	15.334	166	339623	1.028	ng	# 75
25) Phenanthrene	17.078	178	1229780m	2.601	ng	
26) Anthracene	17.163	178	122335	0.300	ng	# 53
28) Fluoranthene	19.112	202	149007	0.286	ng	# 73
30) Pyrene	19.475	202	372685	0.745	ng	# 91
32) Benzo(a)anthracene	21.238	228	174055m	0.372	ng	
33) Chrysene	21.280	228	447057m	0.911	ng	
36) Indeno(1,2,3-cd)pyrene	25.808	276	9838	0.020	ng	# 49
37) Benzo(b)fluoranthene	22.834	252	85531m	0.211	ng	
39) Benzo(a)pyrene	23.416	252	58932	0.155	ng	# 1
40) Dibenzo(a,h)anthracene	25.808	278	12659	0.032	ng	# 1
41) Benzo(g,h,i)perylene	26.507	276	24419	0.057	ng	# 7

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

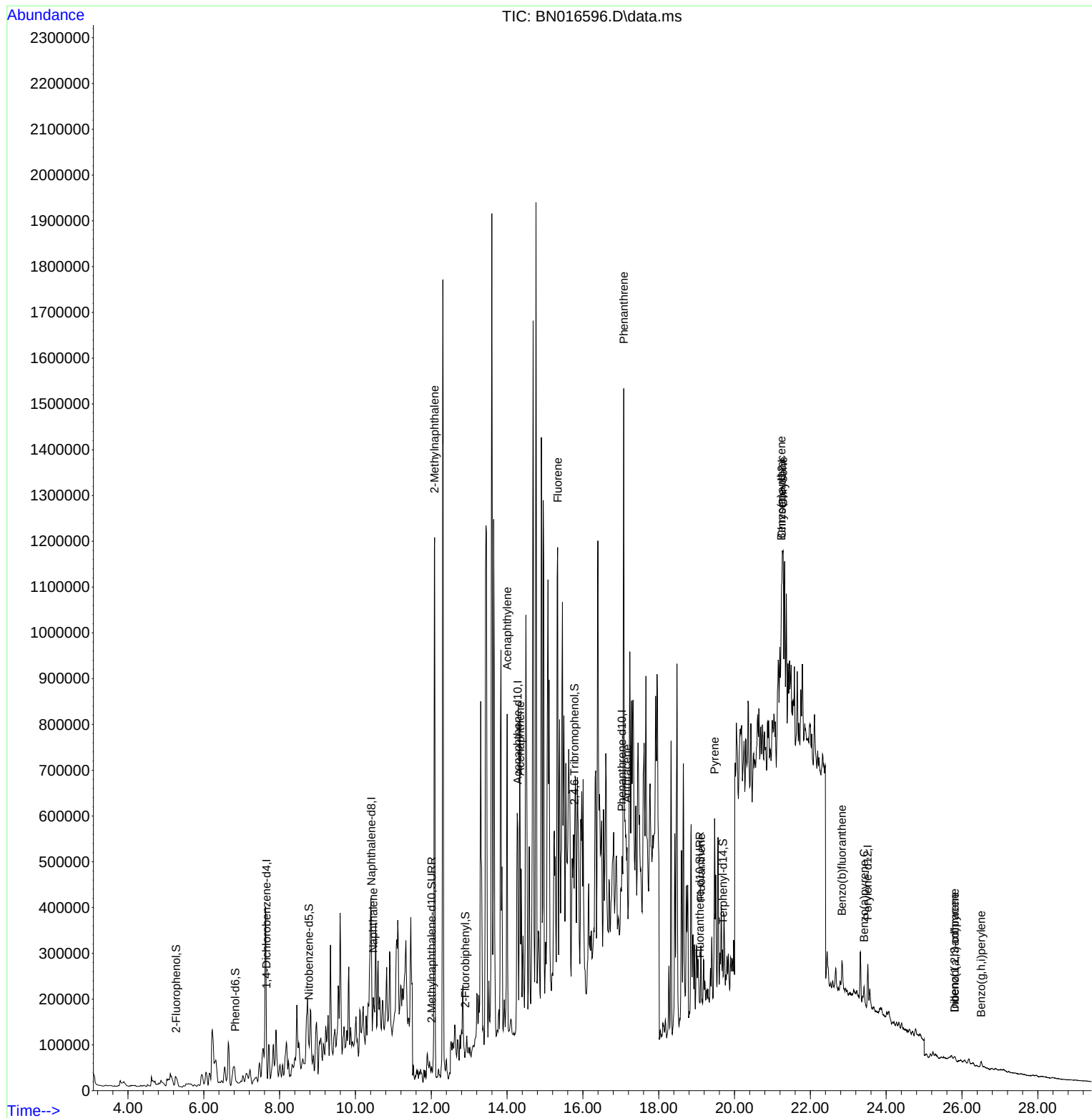
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Data File : BN016596.D
Acq On : 30 Sep 2021 05:20
Operator : CG/JU
Sample : M3922-01 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

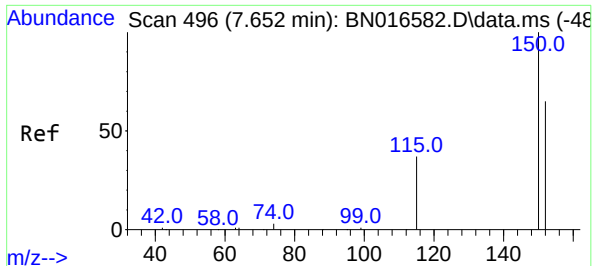
Instrument :
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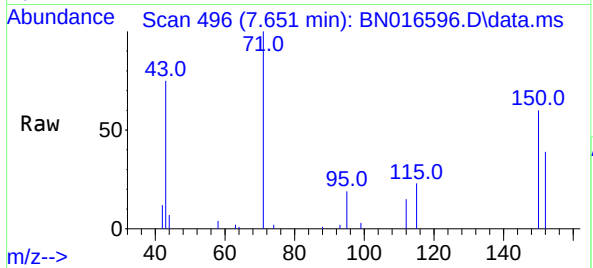
Quant Time: Sep 30 06:13:25 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN093021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 30 02:08:37 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.651 min Scan# 496
Delta R.T. -0.001 min
Lab File: BN016596.D
Acq: 30 Sep 2021 05:20

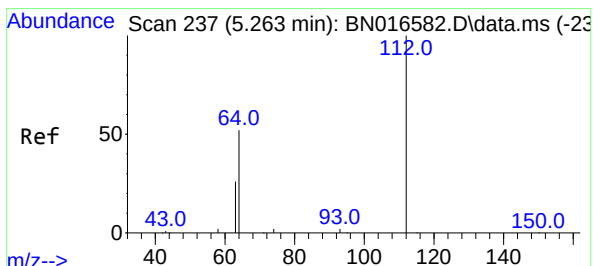
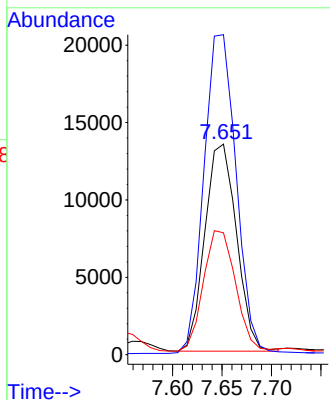
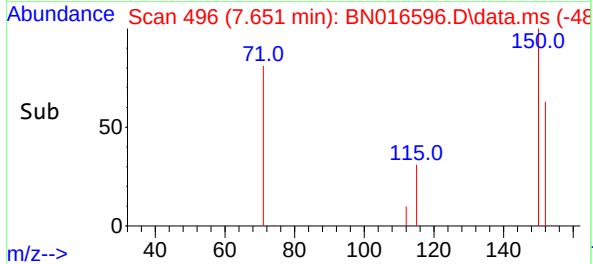
Instrument :
BNA_N
ClientSampleId :
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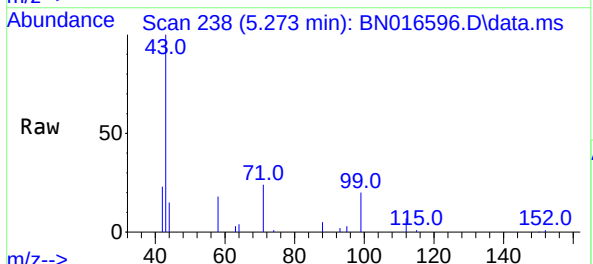
Tgt Ion:152 Resp: 29871
Ion Ratio Lower Upper
152 100
150 151.9 123.3 184.9
115 57.9 46.2 69.2

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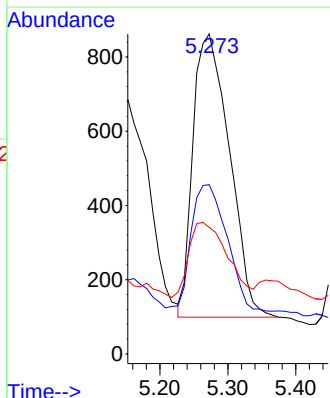
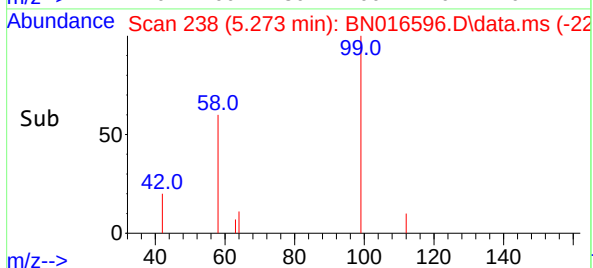
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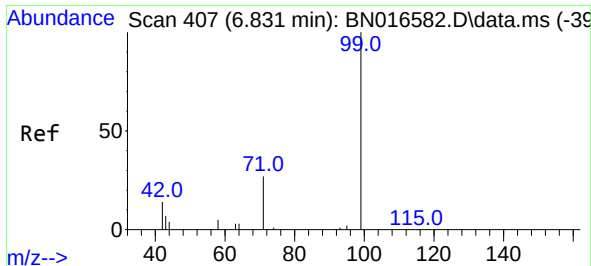


#4
2-Fluorophenol
Concen: 0.037 ng
RT: 5.273 min Scan# 238
Delta R.T. 0.009 min
Lab File: BN016596.D
Acq: 30 Sep 2021 05:20



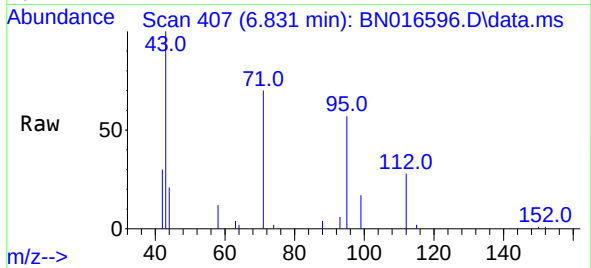
Tgt Ion:112 Resp: 2844
Ion Ratio Lower Upper
112 100
64 43.7 43.4 65.2
63 27.7 21.8 32.8





#5
Phenol-d6
Concen: 0.057 ng
RT: 6.831 min Scan# 407
Delta R.T. -0.000 min
Lab File: BN016596.D
Acq: 30 Sep 2021 05:20

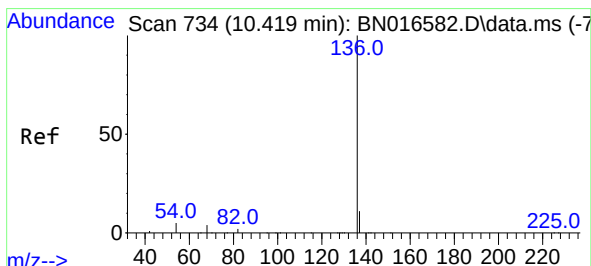
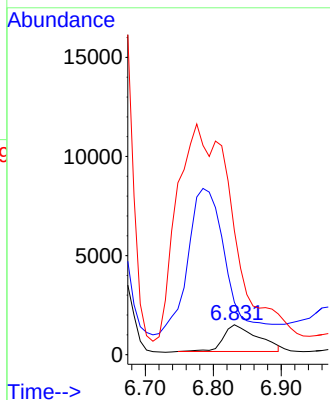
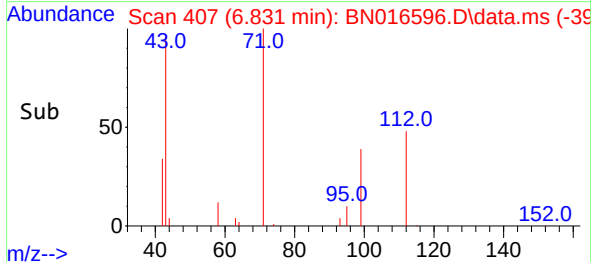
Instrument :
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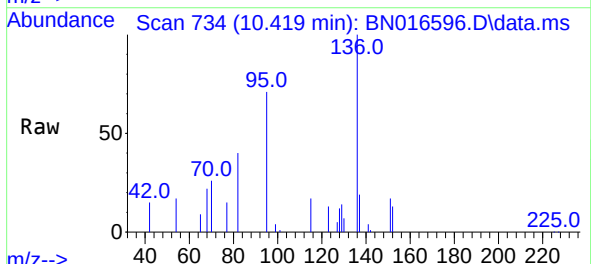
Tgt Ion: 99 Resp: 4706
Ion Ratio Lower Upper
99 100
42 0.0 13.3 19.9#
71 0.0 23.7 35.5#

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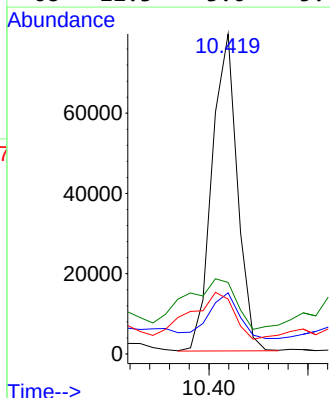
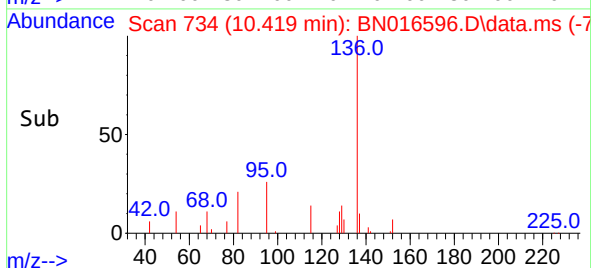
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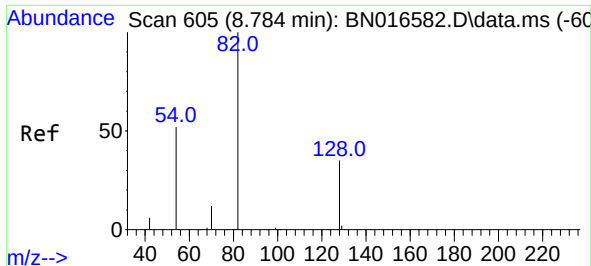


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.419 min Scan# 734
Delta R.T. -0.000 min
Lab File: BN016596.D
Acq: 30 Sep 2021 05:20



Tgt Ion: 136 Resp: 140863
Ion Ratio Lower Upper
136 100
137 19.1 8.8 13.2#
54 17.2 4.0 6.0#
68 22.3 3.6 5.4#





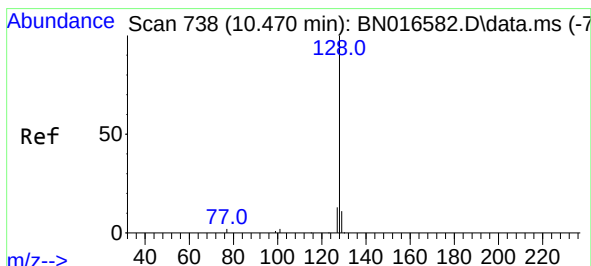
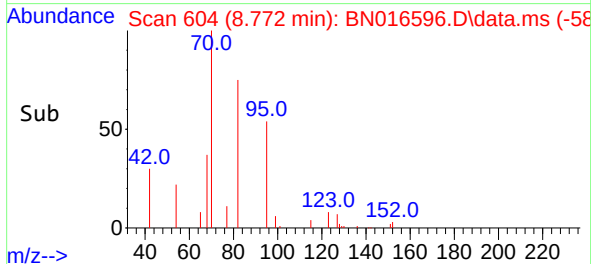
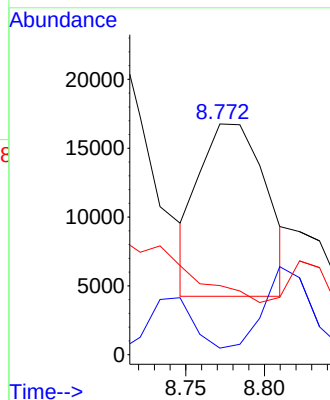
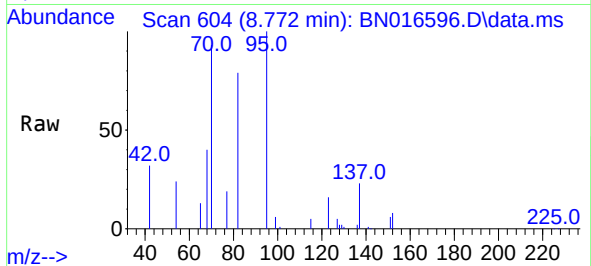
#8
Nitrobenzene-d5
Concen: 0.417 ng m
RT: 8.772 min Scan# 604
Delta R.T. -0.013 min
Lab File: BN016596.D
Acq: 30 Sep 2021 05:20

Tgt Ion: 82 Resp: 36898
Ion Ratio Lower Upper
82 100
128 2.9 28.6 42.8#
54 30.0 42.0 63.0#

Instrument :
BNA_N
ClientSampleId :
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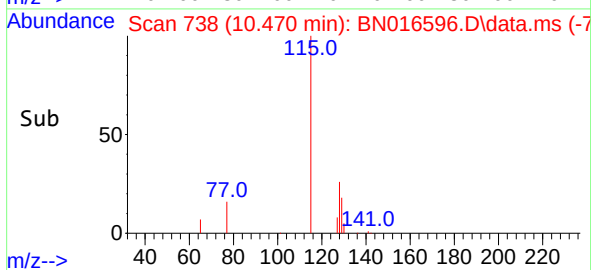
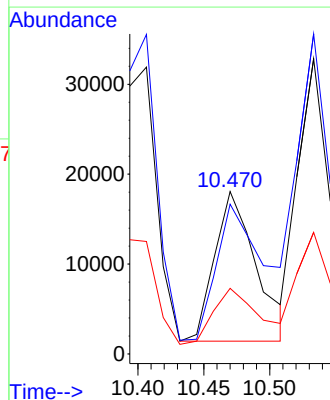
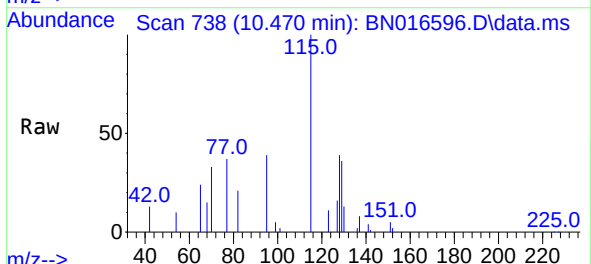
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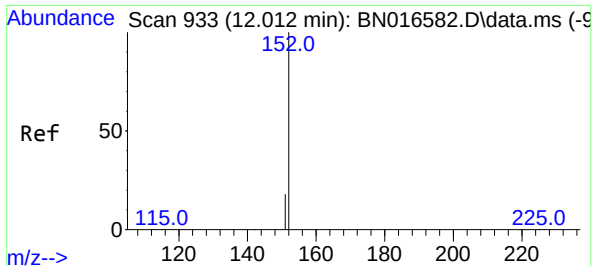
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#9
Naphthalene
Concen: 0.094 ng
RT: 10.470 min Scan# 738
Delta R.T. -0.000 min
Lab File: BN016596.D
Acq: 30 Sep 2021 05:20

Tgt Ion: 128 Resp: 36472
Ion Ratio Lower Upper
128 100
129 92.2 8.8 13.2#
127 40.4 10.1 15.1#





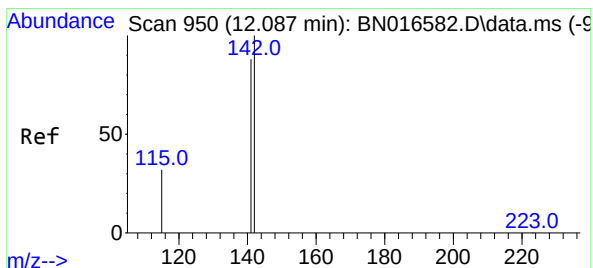
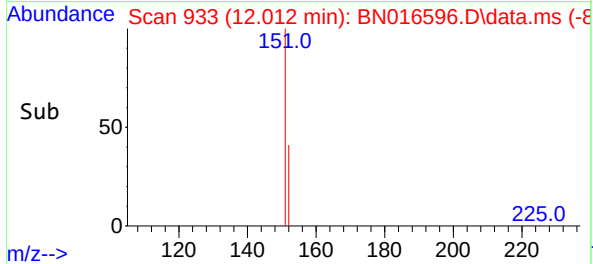
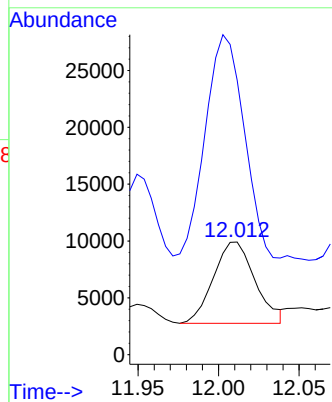
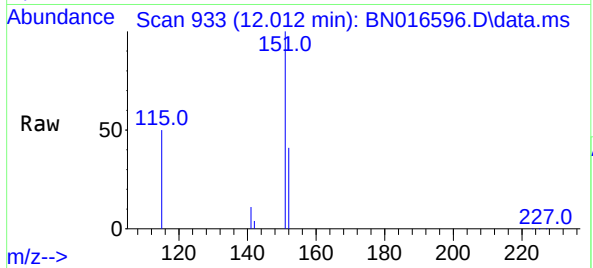
#11
2-Methylnaphthalene-d10
Concen: 0.063 ng
RT: 12.012 min Scan# 933
Delta R.T. -0.000 min
Lab File: BN016596.D
Acq: 30 Sep 2021 05:20

Tgt Ion:152 Resp: 12919
Ion Ratio Lower Upper
152 100
151 274.0 16.3 24.5#

Instrument :
BNA_N
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SUP-UST-03-(8-10)

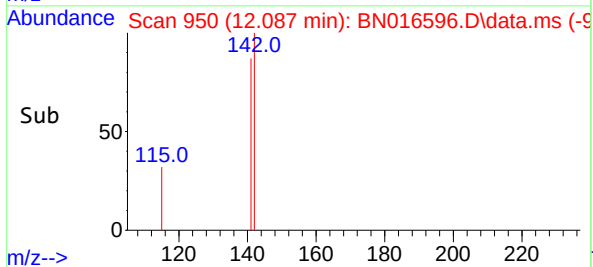
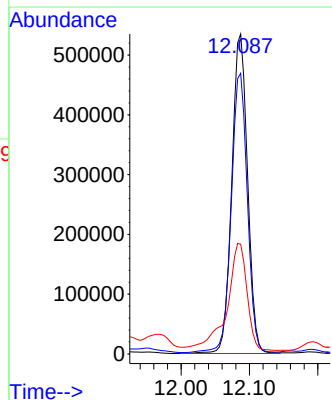
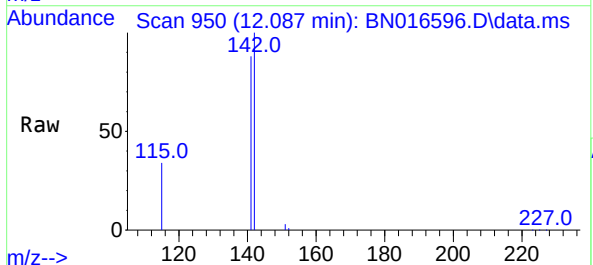
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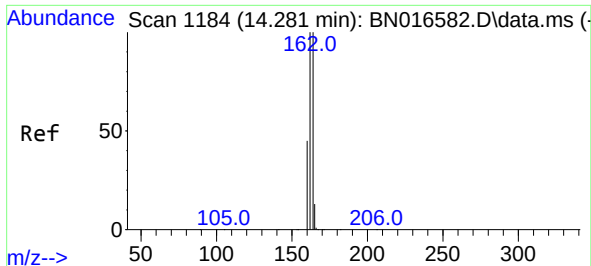
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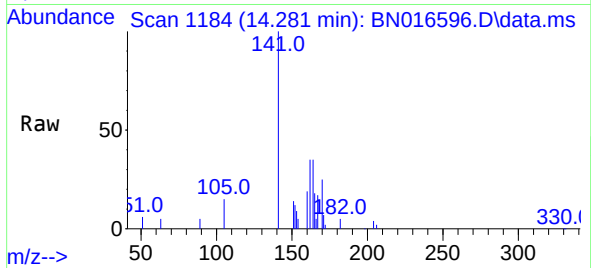
#12
2-Methylnaphthalene
Concen: 3.538 ng
RT: 12.087 min Scan# 950
Delta R.T. -0.000 min
Lab File: BN016596.D
Acq: 30 Sep 2021 05:20

Tgt Ion:142 Resp: 857071
Ion Ratio Lower Upper
142 100
141 87.7 70.2 105.4
115 34.3 26.1 39.1

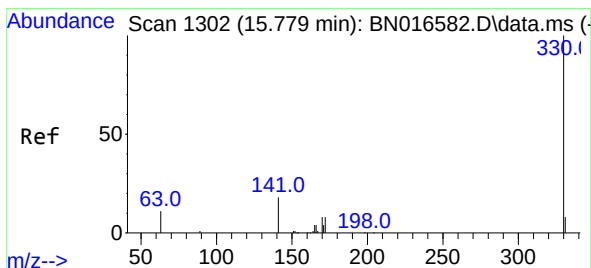
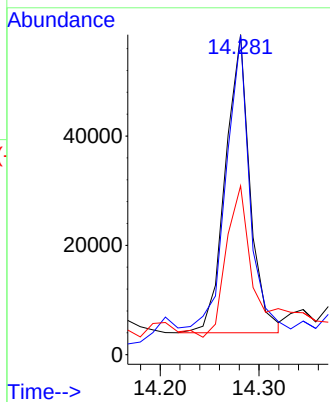
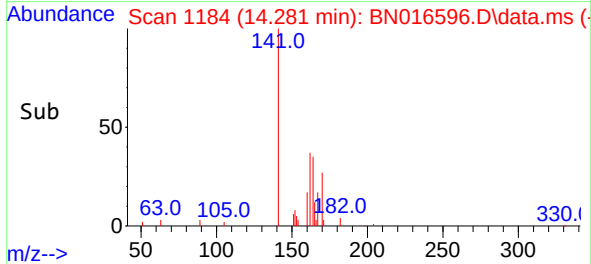




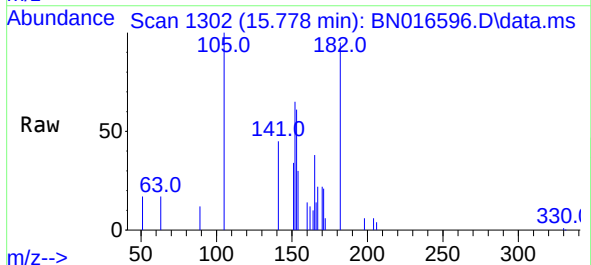
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.281 min Scan# 1184
Delta R.T. -0.000 min
Lab File: BN016596.D
Acq: 30 Sep 2021 05:20



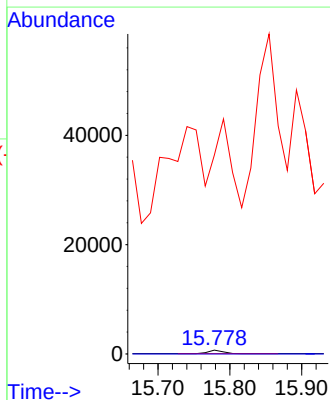
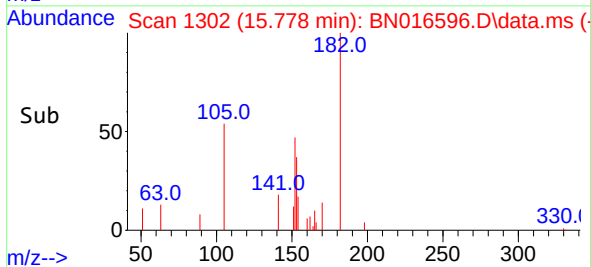
Tgt Ion:164 Resp: 94439
Ion Ratio Lower Upper
164 100
162 99.8 79.8 119.6
160 52.8 35.7 53.5



#14
2,4,6-Tribromophenol
Concen: 0.023 ng
RT: 15.778 min Scan# 1302
Delta R.T. -0.000 min
Lab File: BN016596.D
Acq: 30 Sep 2021 05:20



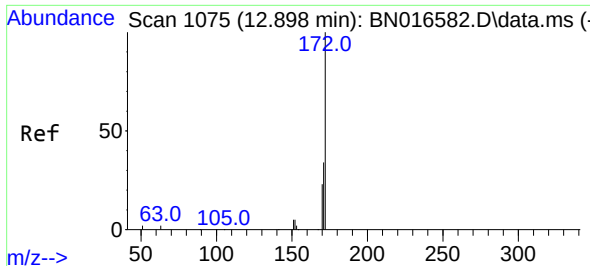
Tgt Ion:330 Resp: 977
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 2516.4 25.4 38.2#



Instrument :
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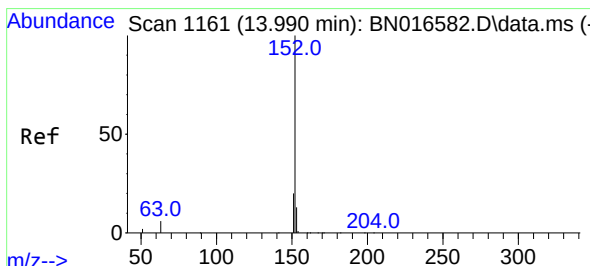
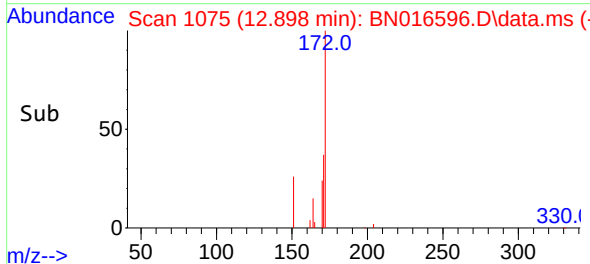
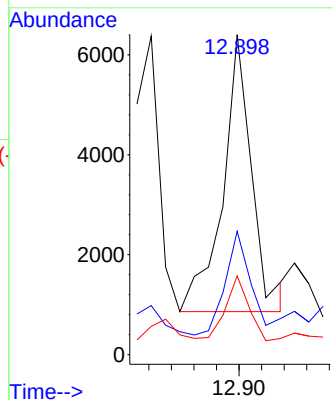
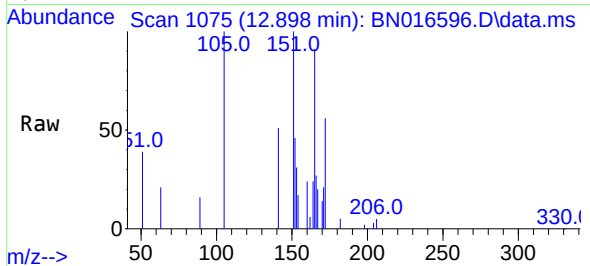
#15
2-Fluorobiphenyl
Concen: 0.025 ng
RT: 12.898 min Scan# 1075
Delta R.T. -0.000 min
Lab File: BN016596.D
Acq: 30 Sep 2021 05:20

Tgt Ion:	172	Resp:	9854
Ion	Ratio	Lower	Upper
172	100		
171	38.6	27.6	41.4
170	24.7	18.7	28.1

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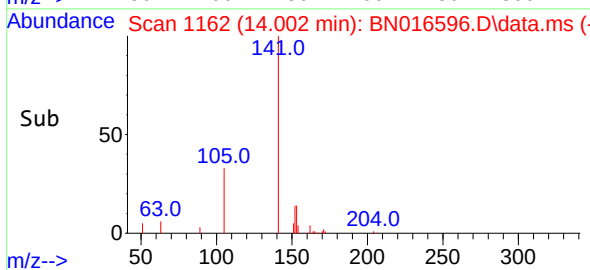
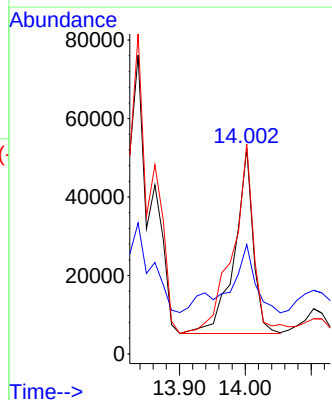
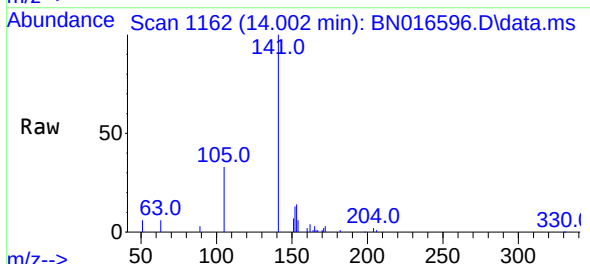
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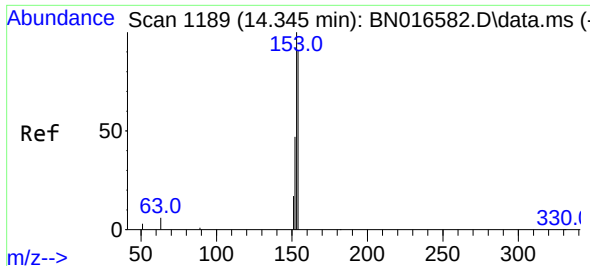
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#16
Acenaphthylene
Concen: 0.224 ng
RT: 14.002 min Scan# 1162
Delta R.T. 0.013 min
Lab File: BN016596.D
Acq: 30 Sep 2021 05:20

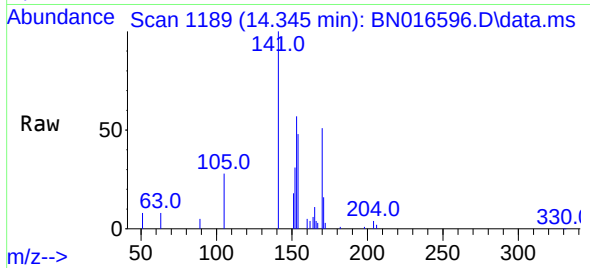
Tgt Ion:	152	Resp:	93692
Ion	Ratio	Lower	Upper
152	100		
151	40.2	15.4	23.2#
153	109.5	10.4	15.6#





#17
Acenaphthene
Concen: 0.432 ng
RT: 14.345 min Scan# 1189
Delta R.T. -0.000 min
Lab File: BN016596.D
Acq: 30 Sep 2021 05:20

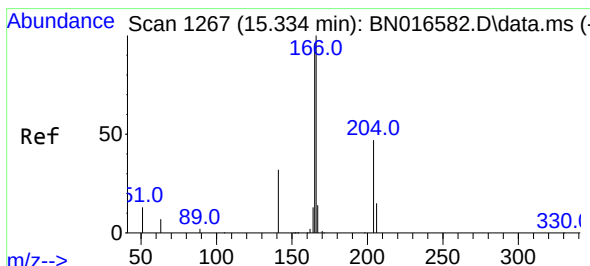
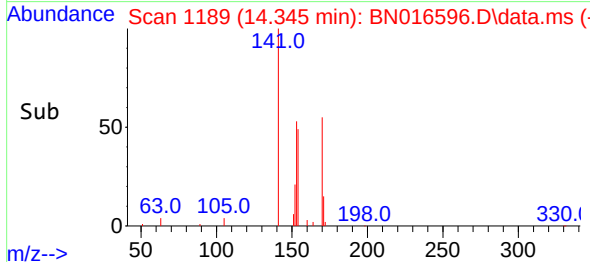
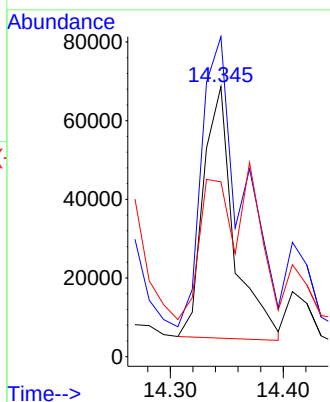
Instrument :
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Tgt Ion:154 Resp: 120023
Ion Ratio Lower Upper
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153 150.5 90.5 135.7#
152 0.0 44.5 66.7#

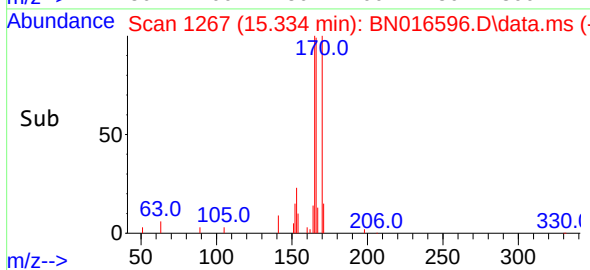
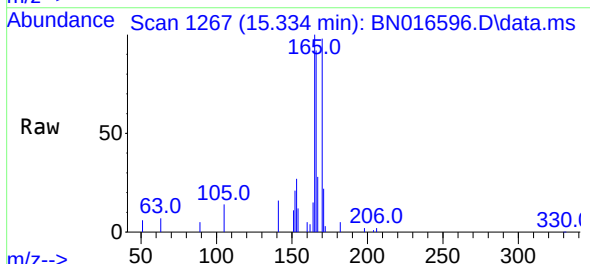
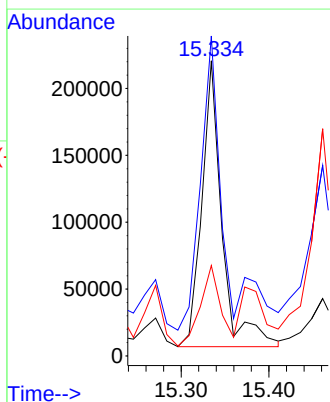
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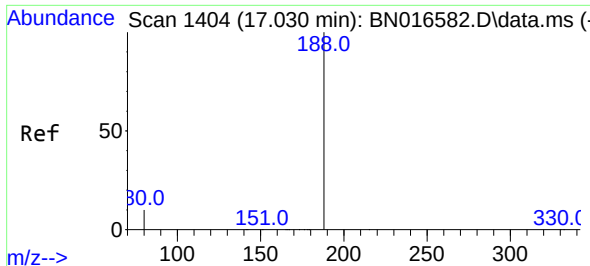
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#18
Fluorene
Concen: 1.028 ng
RT: 15.334 min Scan# 1267
Delta R.T. -0.000 min
Lab File: BN016596.D
Acq: 30 Sep 2021 05:20

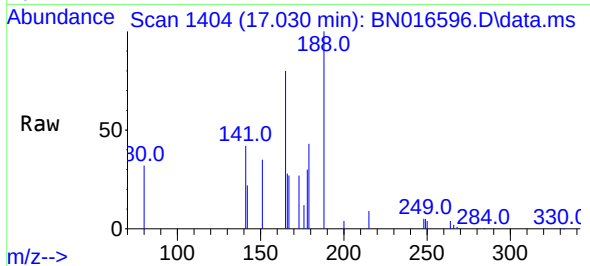
Tgt Ion:166 Resp: 339623
Ion Ratio Lower Upper
166 100
165 120.4 78.1 117.1#
167 28.5 10.7 16.1#





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.030 min Scan# 1404
Delta R.T. -0.000 min
Lab File: BN016596.D
Acq: 30 Sep 2021 05:20

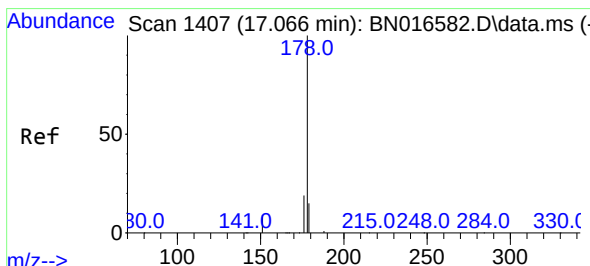
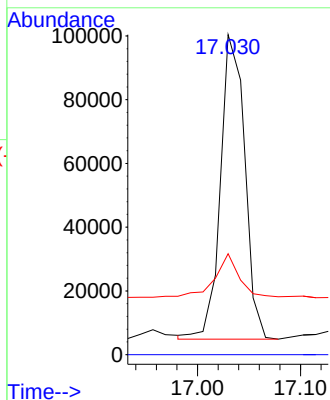
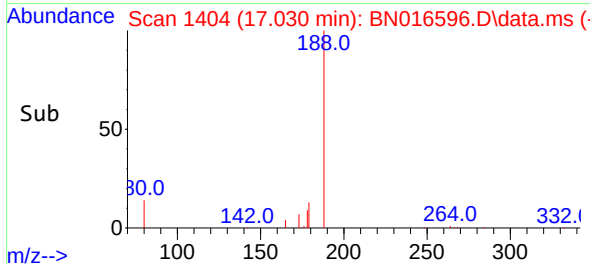
Instrument :
BNA_N
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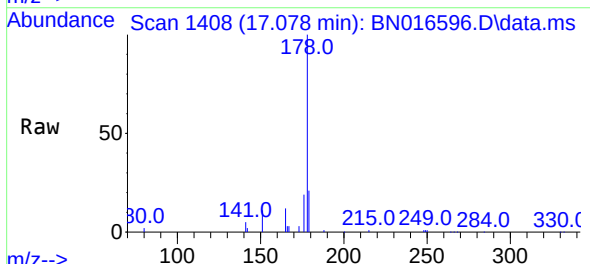
Tgt Ion:188 Resp: 156727
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 31.5 8.1 12.1#

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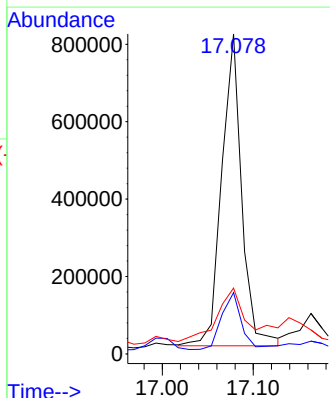
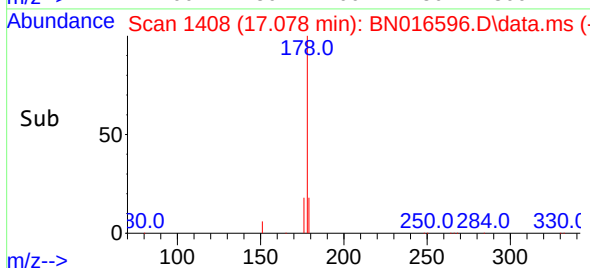
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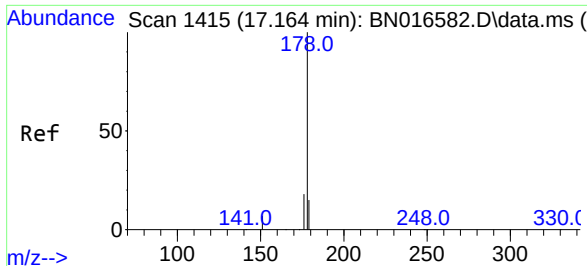


#25
Phenanthrene
Concen: 2.601 ng m
RT: 17.078 min Scan# 1408
Delta R.T. 0.012 min
Lab File: BN016596.D
Acq: 30 Sep 2021 05:20



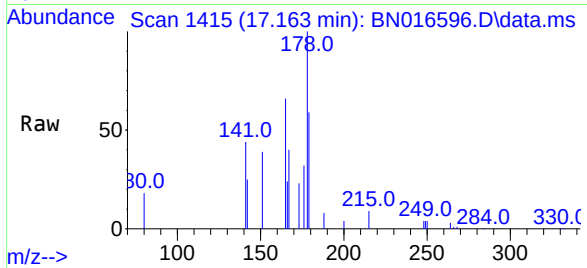
Tgt Ion:178 Resp: 1229780
Ion Ratio Lower Upper
178 100
176 18.1 15.0 22.6
179 22.7 12.2 18.2#





#26
 Anthracene
 Concen: 0.300 ng
 RT: 17.163 min Scan# 1415
 Delta R.T. -0.000 min
 Lab File: BN016596.D
 Acq: 30 Sep 2021 05:20

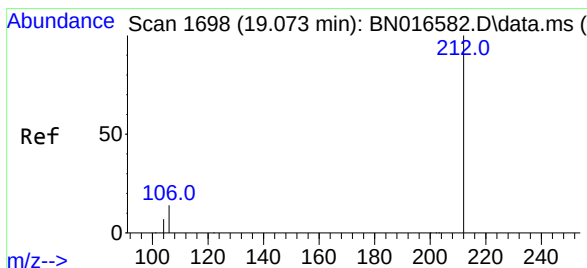
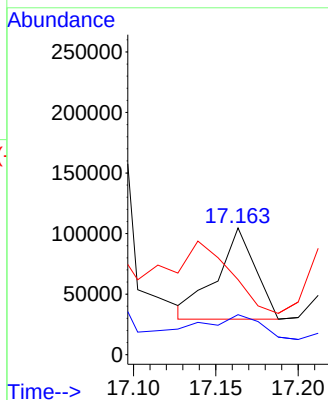
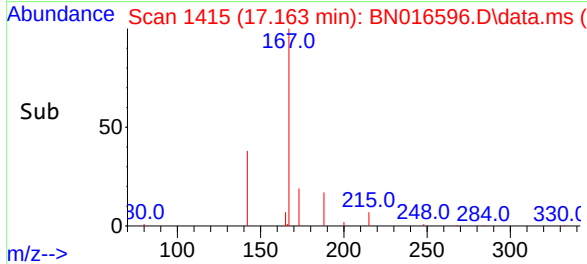
Instrument :
 BNA_N
 ClientSampleId :
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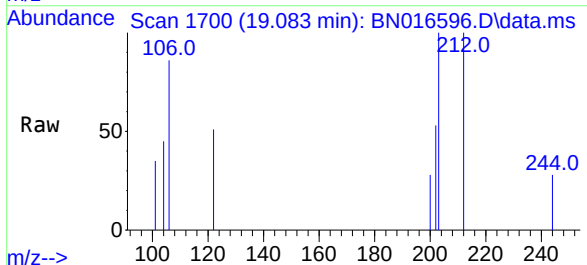
Tgt Ion:178 Resp: 122335
 Ion Ratio Lower Upper
 178 100
 176 42.9 14.6 22.0#
 179 0.0 12.3 18.5#

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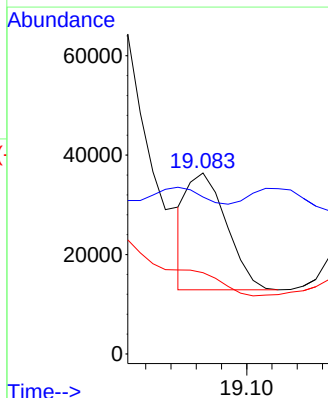
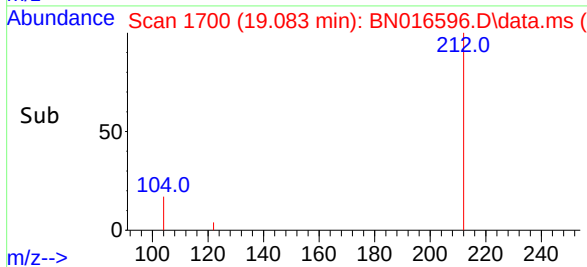
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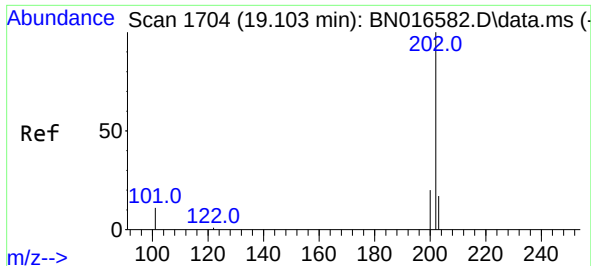


#27
 Fluoranthene-d10
 Concen: 0.059 ng
 RT: 19.083 min Scan# 1700
 Delta R.T. 0.010 min
 Lab File: BN016596.D
 Acq: 30 Sep 2021 05:20



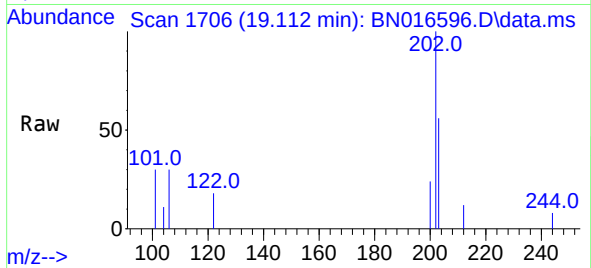
Tgt Ion:212 Resp: 25434
 Ion Ratio Lower Upper
 212 100
 106 32.2 11.0 16.6#
 104 0.0 6.0 9.0#





#28
Fluoranthene
Concen: 0.286 ng
RT: 19.112 min Scan# 1706
Delta R.T. 0.010 min
Lab File: BN016596.D
Acq: 30 Sep 2021 05:20

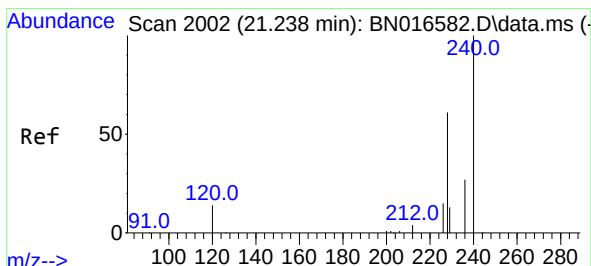
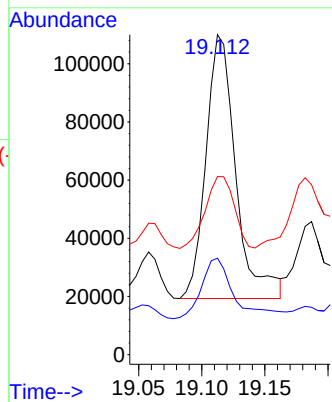
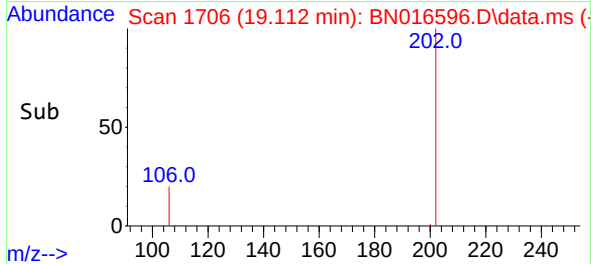
Instrument :
BNA_N
ClientSampleId :
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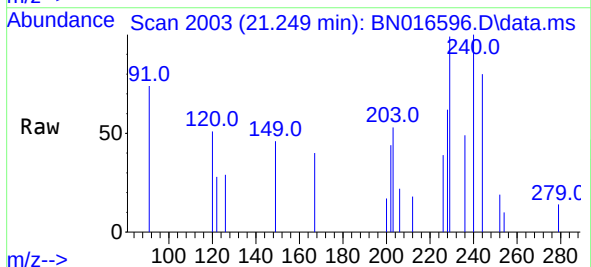
Tgt Ion:202 Resp: 149007
Ion Ratio Lower Upper
202 100
101 25.4 9.1 13.7#
203 26.3 13.8 20.8#

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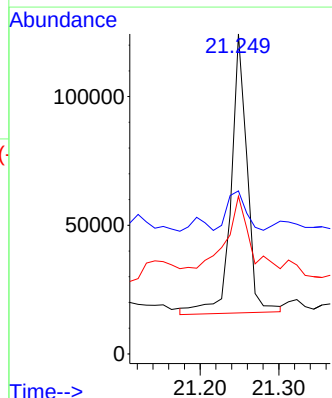
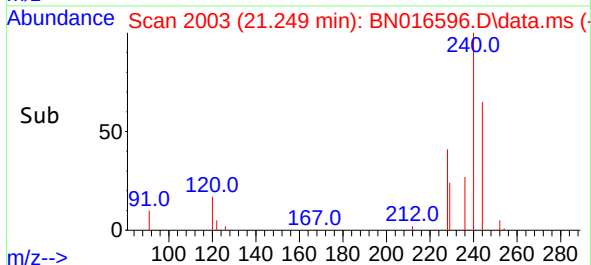
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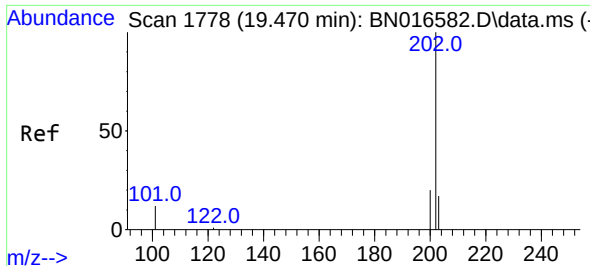


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.249 min Scan# 2003
Delta R.T. 0.011 min
Lab File: BN016596.D
Acq: 30 Sep 2021 05:20

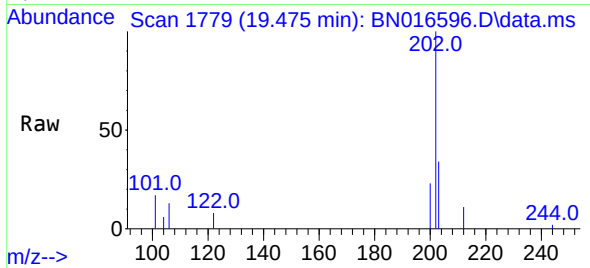


Tgt Ion:240 Resp: 153697
Ion Ratio Lower Upper
240 100
120 50.9 11.6 17.4#
236 49.3 21.6 32.4#

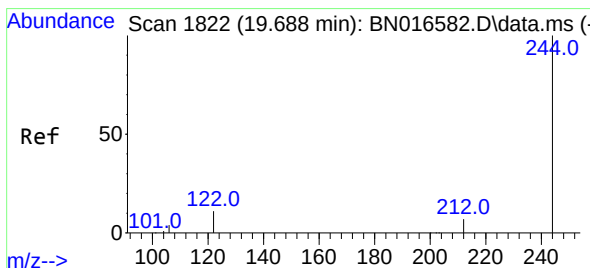
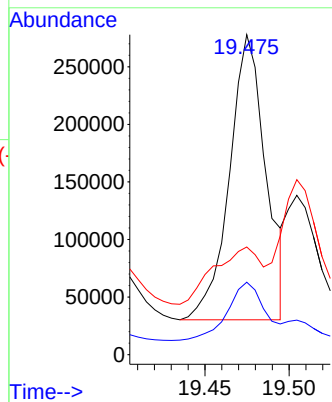
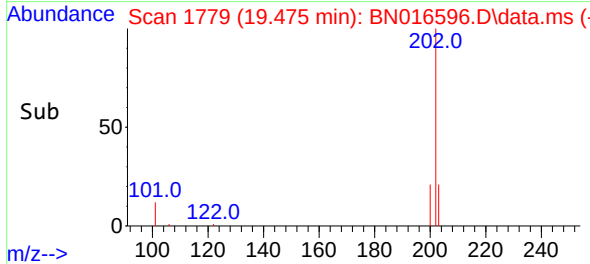




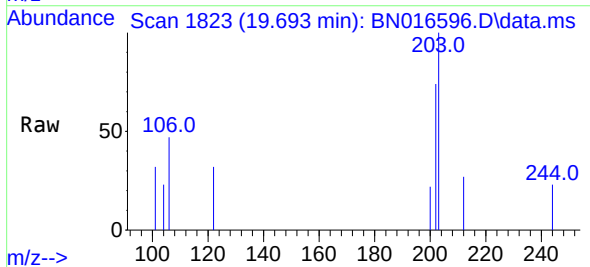
#30
Pyrene
Concen: 0.745 ng
RT: 19.475 min Scan# 1779
Delta R.T. 0.005 min
Lab File: BN016596.D
Acq: 30 Sep 2021 05:20



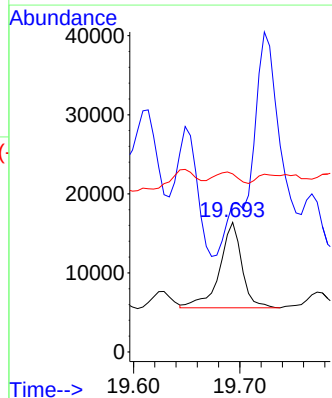
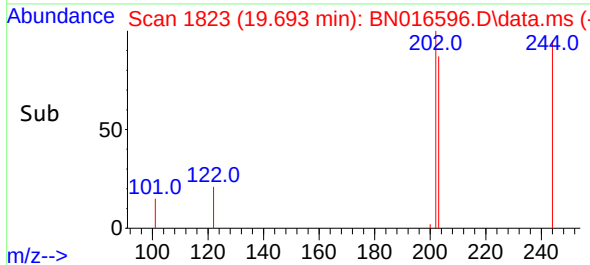
Tgt Ion:202 Resp: 372685
Ion Ratio Lower Upper
202 100
200 20.9 16.5 24.7
203 25.6 13.9 20.9#



#31
Terphenyl-d14
Concen: 0.047 ng
RT: 19.693 min Scan# 1823
Delta R.T. 0.005 min
Lab File: BN016596.D
Acq: 30 Sep 2021 05:20



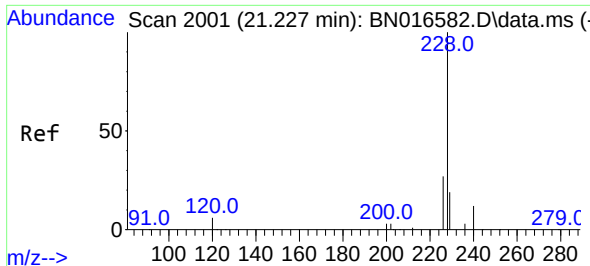
Tgt Ion:244 Resp: 15664
Ion Ratio Lower Upper
244 100
212 114.3 5.8 8.8#
122 137.4 9.2 13.8#



Instrument :
BNA_N
ClientSampleId :
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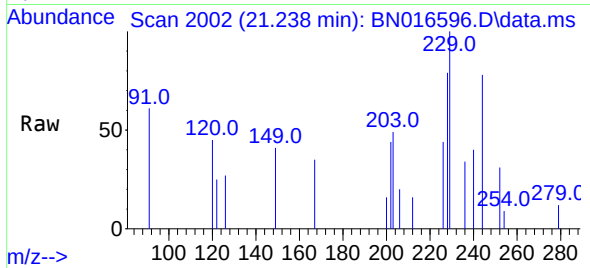
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#32
Benzo(a)anthracene
Concen: 0.372 ng m
RT: 21.238 min Scan# 2002
Delta R.T. 0.011 min
Lab File: BN016596.D
Acq: 30 Sep 2021 05:20

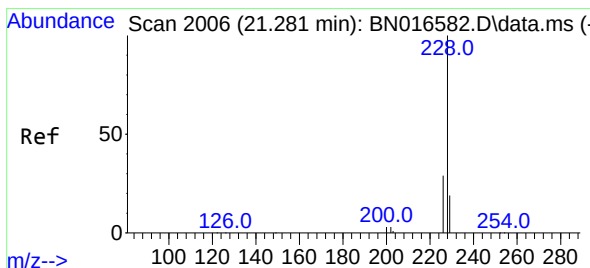
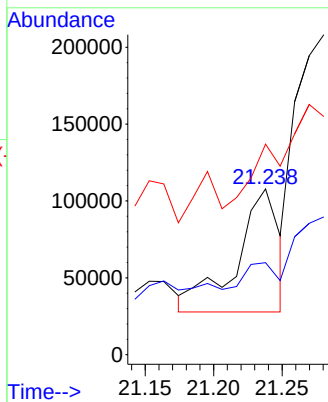
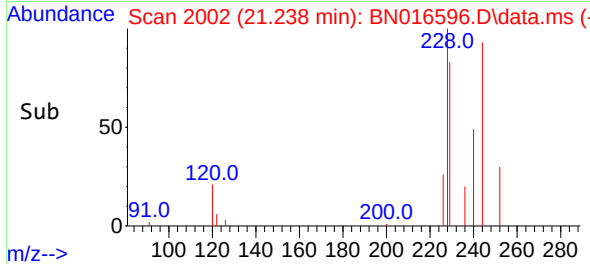
Instrument :
BNA_N
ClientSampleId :
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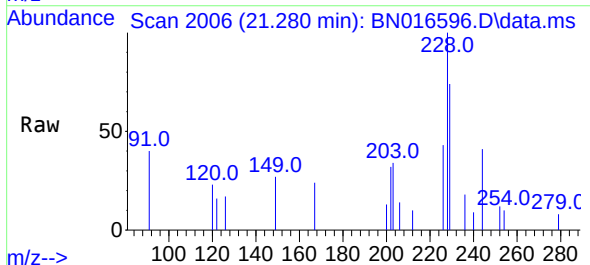
Tgt Ion:228 Resp: 174055
Ion Ratio Lower Upper
228 100
226 55.5 21.4 32.0#
229 126.9 15.6 23.4#

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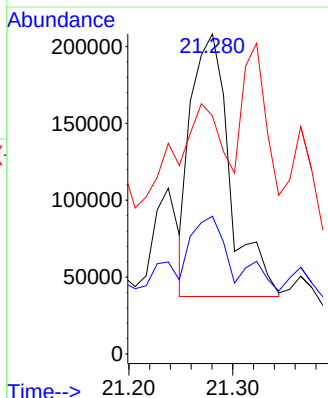
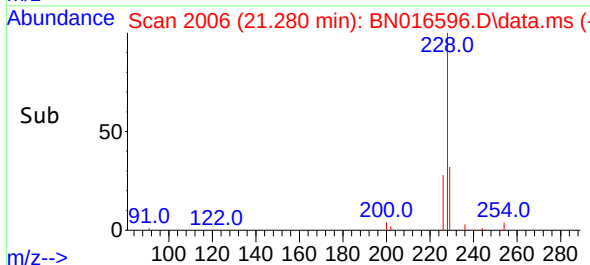
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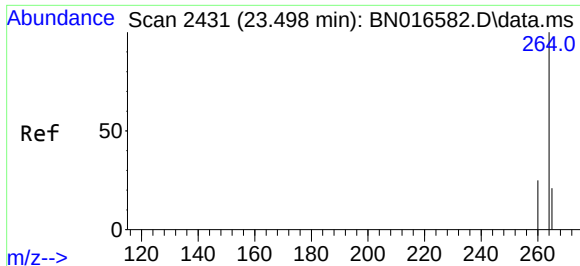


#33
Chrysene
Concen: 0.911 ng m
RT: 21.280 min Scan# 2006
Delta R.T. -0.000 min
Lab File: BN016596.D
Acq: 30 Sep 2021 05:20



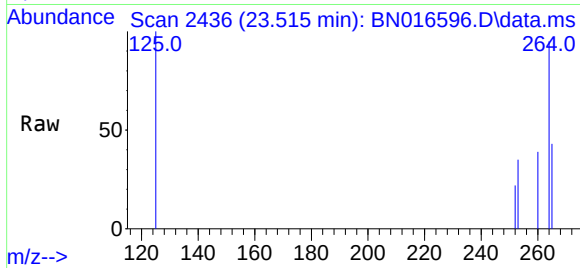
Tgt Ion:228 Resp: 447057
Ion Ratio Lower Upper
228 100
226 43.1 23.4 35.0#
229 74.4 15.7 23.5#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.515 min Scan# 2436
Delta R.T. 0.017 min
Lab File: BN016596.D
Acq: 30 Sep 2021 05:20

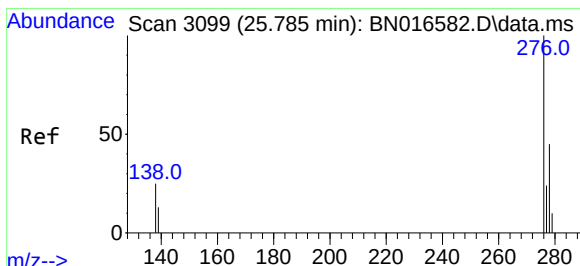
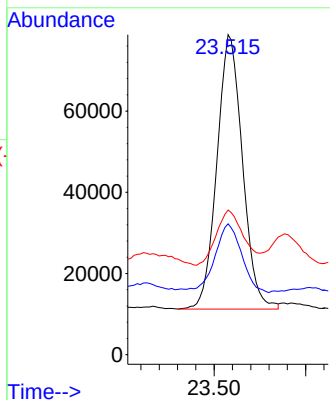
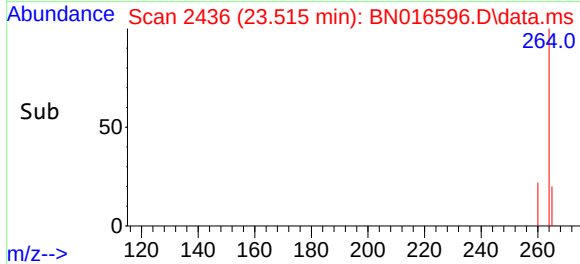
Instrument :
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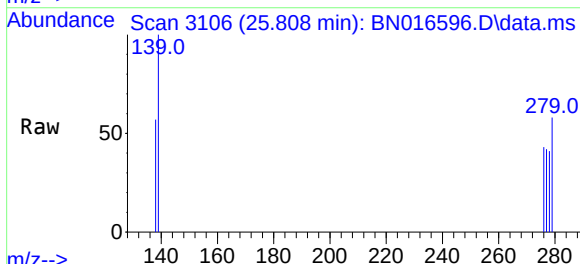
Tgt Ion:264 Resp: 131218
Ion Ratio Lower Upper
264 100
260 40.9 19.7 29.5#
265 45.2 18.9 28.3#

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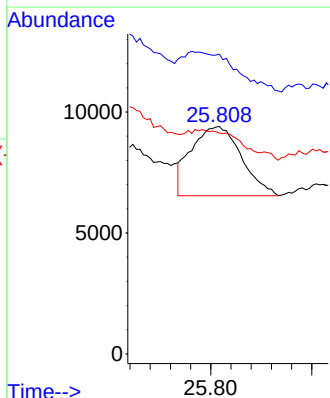
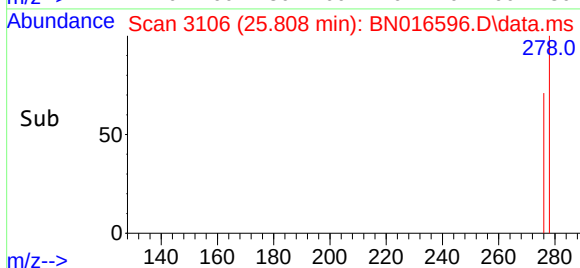
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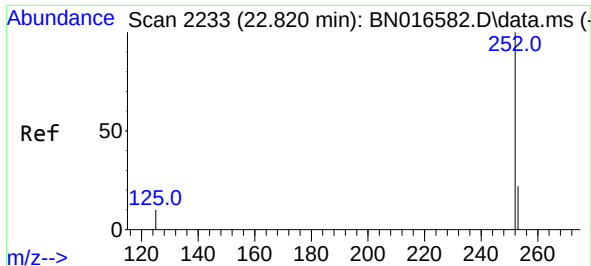


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.020 ng
RT: 25.808 min Scan# 3106
Delta R.T. 0.024 min
Lab File: BN016596.D
Acq: 30 Sep 2021 05:20



Tgt Ion:276 Resp: 9838
Ion Ratio Lower Upper
276 100
138 0.0 21.1 31.7#
277 0.0 20.0 30.0#





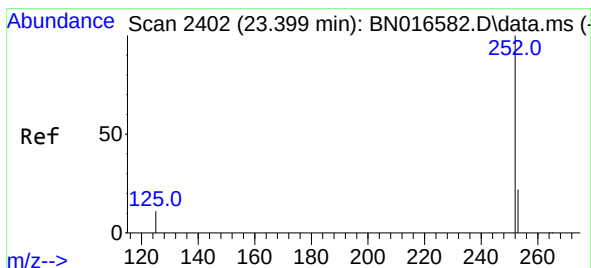
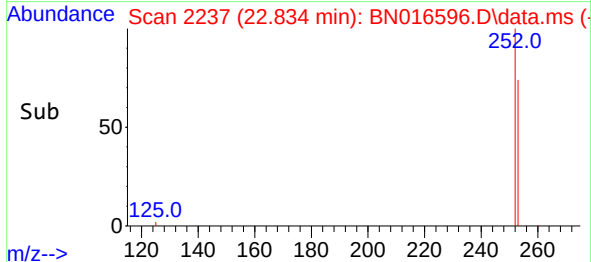
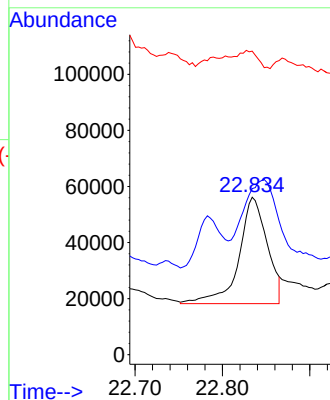
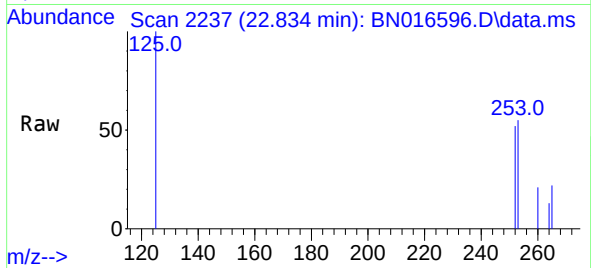
#37
Benzo(b)fluoranthene
Concen: 0.211 ng m
RT: 22.834 min Scan# 2237
Delta R.T. 0.014 min
Lab File: BN016596.D
Acq: 30 Sep 2021 05:20

Tgt Ion:252 Resp: 85531
Ion Ratio Lower Upper
252 100
253 105.5 17.8 26.6#
125 192.8 8.2 12.2#

Instrument :
BNA_N
ClientSampleId :
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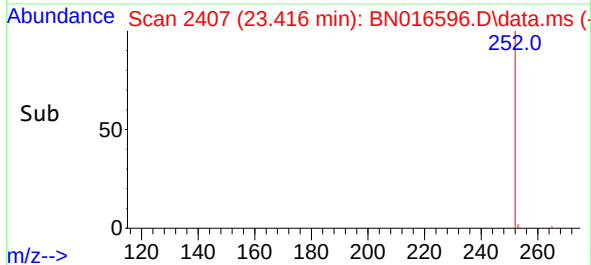
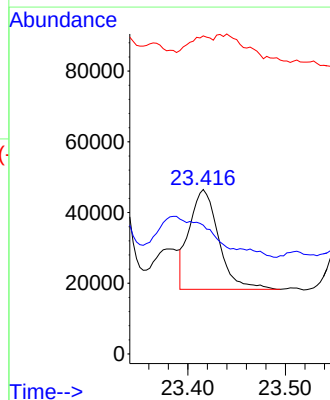
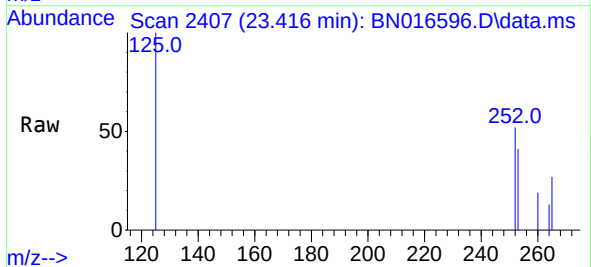
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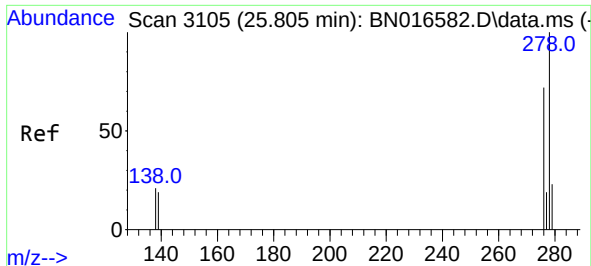
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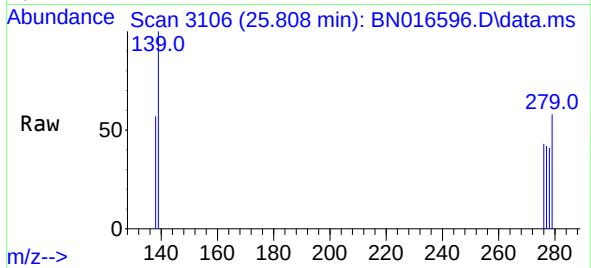
#39
Benzo(a)pyrene
Concen: 0.155 ng
RT: 23.416 min Scan# 2407
Delta R.T. 0.017 min
Lab File: BN016596.D
Acq: 30 Sep 2021 05:20

Tgt Ion:252 Resp: 58932
Ion Ratio Lower Upper
252 100
253 78.4 17.8 26.6#
125 193.5 9.2 13.8#

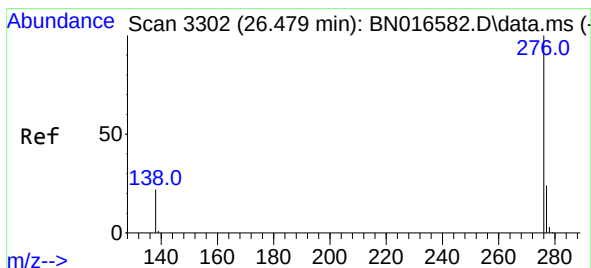
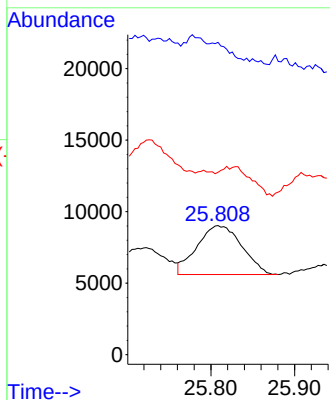
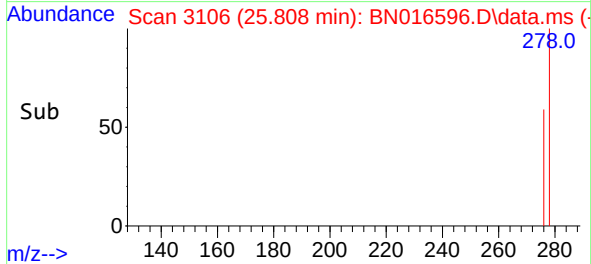




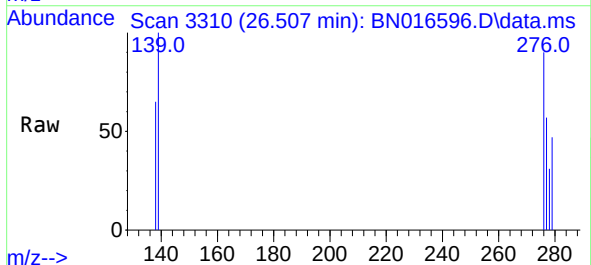
#40
Dibenzo(a,h)anthracene
Concen: 0.032 ng
RT: 25.808 min Scan# 3106
Delta R.T. 0.003 min
Lab File: BN016596.D
Acq: 30 Sep 2021 05:20



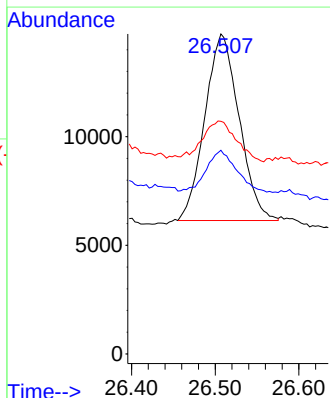
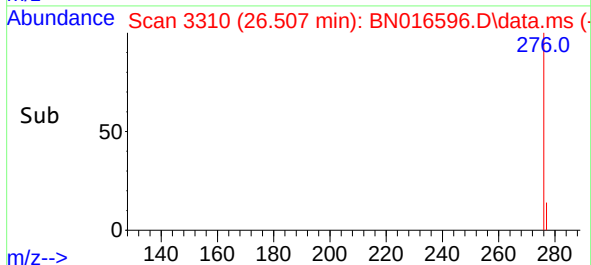
Tgt Ion: 278 Resp: 12659
Ion Ratio Lower Upper
278 100
139 241.9 15.6 23.4#
279 141.3 19.0 28.4#



#41
Benzo(g,h,i)perylene
Concen: 0.057 ng
RT: 26.507 min Scan# 3310
Delta R.T. 0.027 min
Lab File: BN016596.D
Acq: 30 Sep 2021 05:20



Tgt Ion: 276 Resp: 24419
Ion Ratio Lower Upper
276 100
277 63.7 19.0 28.6#
138 72.7 17.5 26.3#



Instrument :
BNA_N
ClientSampleId :
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