

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100821\
 Data File : BN016875.D
 Acq On : 09 Oct 2021 11:00
 Operator : CG/JU
 Sample : M3966-05
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 S-830-J-SO-3-3.5-092721

Manual Integrations
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Quant Time: Oct 11 01:02:49 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 08 15:46:07 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.605	152	23106	0.400	ng	0.00
7) Naphthalene-d8	10.381	136	107119	0.400	ng	# 0.00
13) Acenaphthene-d10	14.243	164	59162	0.400	ng	0.00
19) Phenanthrene-d10	16.993	188	113919	0.400	ng	#-0.01
29) Chrysene-d12	21.216	240	109739	0.400	ng	# 0.01
35) Perylene-d12	23.457	264	126163	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.245	112	15885	0.275	ng	0.00
5) Phenol-d6	6.803	99	16917	0.258	ng	0.00
8) Nitrobenzene-d5	8.746	82	19527	0.260	ng	-0.01
11) 2-Methylnaphthalene-d10	11.976	152	42319	0.265	ng	0.00
14) 2,4,6-Tribromophenol	15.740	330	9196	0.300	ng	-0.01
15) 2-Fluorobiphenyl	12.860	172	52117	0.218	ng	-0.01
27) Fluoranthene-d10	19.043	212	75271	0.238	ng	0.00
31) Terphenyl-d14	19.653	244	56483	0.236	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.432	128	189100	0.648	ng	99
12) 2-Methylnaphthalene	12.047	142	55469	0.297	ng	100
16) Acenaphthylene	13.964	152	93520	0.358	ng	98
17) Acenaphthene	14.306	154	129735	0.748	ng	100
18) Fluorene	15.296	166	149232m	0.707	ng	
24) Pentachlorophenol	16.652	266	871	0.126	ng	98
25) Phenanthrene	17.042	178	1293196	3.822	ng	100
26) Anthracene	17.127	178	291021	0.968	ng	# 95
28) Fluoranthene	19.072	202	2500092	6.580	ng	99
30) Pyrene	19.435	202	2147260	6.363	ng	# 94
32) Benzo(a)anthracene	21.195	228	1314338	3.873	ng	98
33) Chrysene	21.248	228	1181015	3.417	ng	95
34) Bis(2-ethylhexyl)phtha...	21.142	149	128523	0.745	ng	98
36) Indeno(1,2,3-cd)pyrene	25.723	276	822441	1.721	ng	97
37) Benzo(b)fluoranthene	22.786	252	1695781	4.246	ng	97
38) Benzo(k)fluoranthene	22.827	252	628289m	1.618	ng	
39) Benzo(a)pyrene	23.357	252	1222662	3.351	ng	98
40) Dibenzo(a,h)anthracene	25.733	278	197216	0.504	ng	# 88
41) Benzo(g,h,i)perylene	26.417	276	806364	1.941	ng	99

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

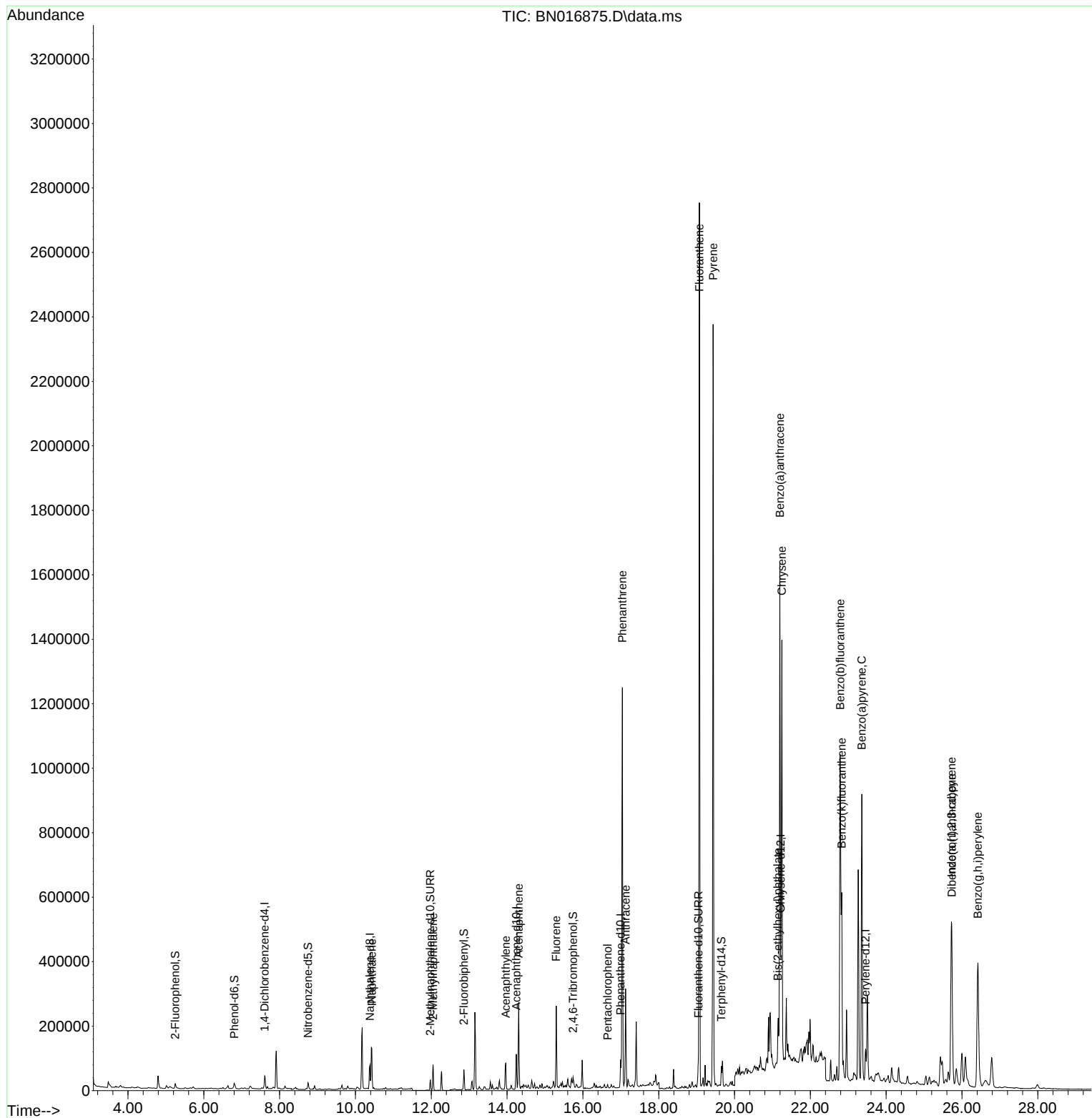
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100821\
Data File : BN016875.D
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Operator : CG/JU
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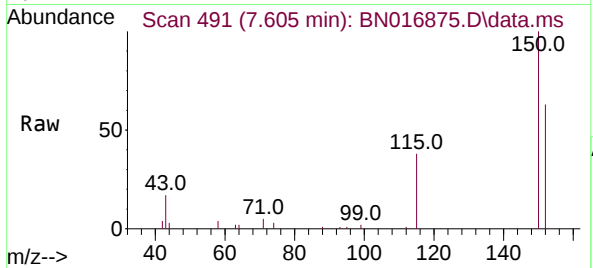
Quant Time: Oct 11 01:02:49 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 08 15:46:07 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.605 min Scan# 491
Delta R.T. -0.009 min
Lab File: BN016875.D
Acq: 09 Oct 2021 11:00

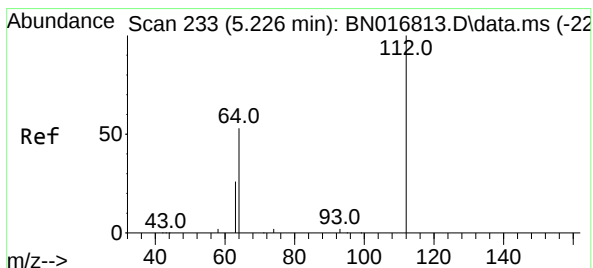
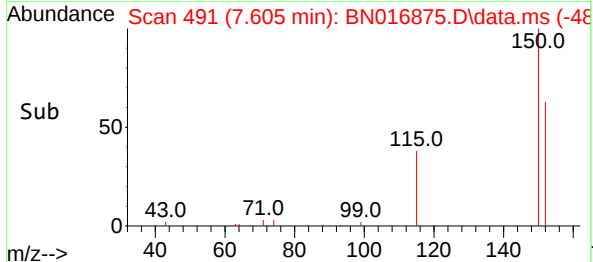
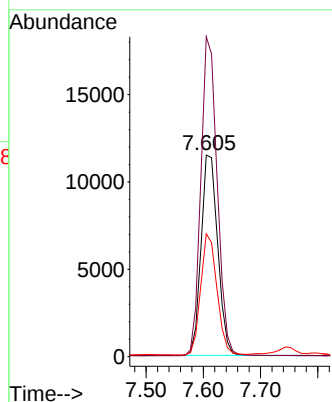
Instrument :
BNA_N
ClientSampleId :
S-830-J-SO-3-3.5-092721



Tgt Ion:152 Resp: 23106
Ion Ratio Lower Upper
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150 158.7 123.3 184.9
115 60.9 47.0 70.6

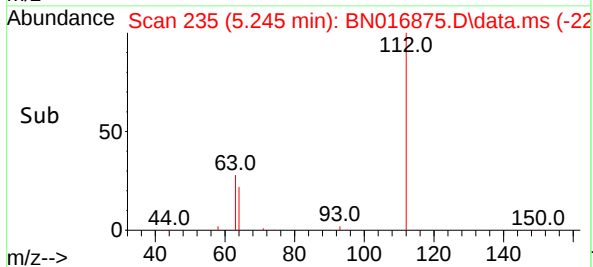
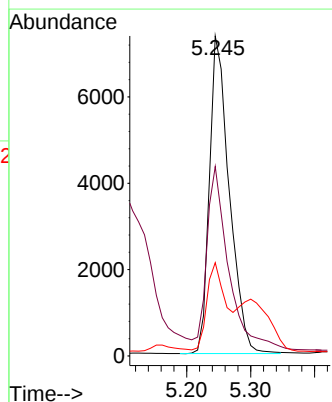
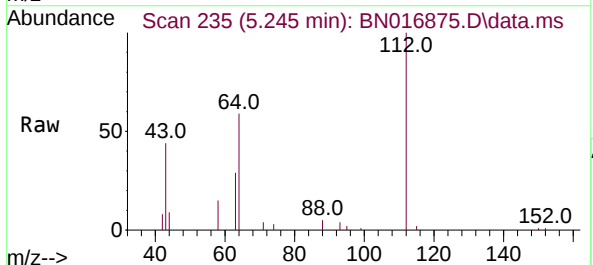
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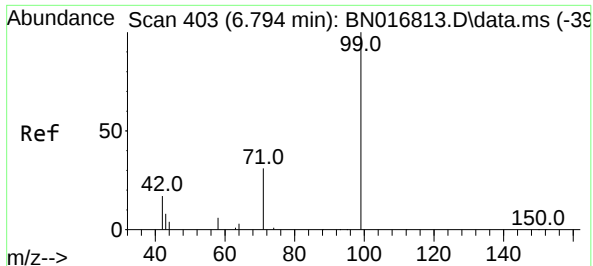
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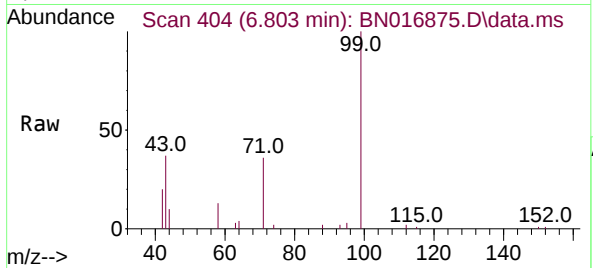
#4
2-Fluorophenol
Concen: 0.275 ng
RT: 5.245 min Scan# 235
Delta R.T. 0.009 min
Lab File: BN016875.D
Acq: 09 Oct 2021 11:00

Tgt Ion:112 Resp: 15885
Ion Ratio Lower Upper
112 100
64 58.9 42.9 64.3
63 26.2 21.5 32.3

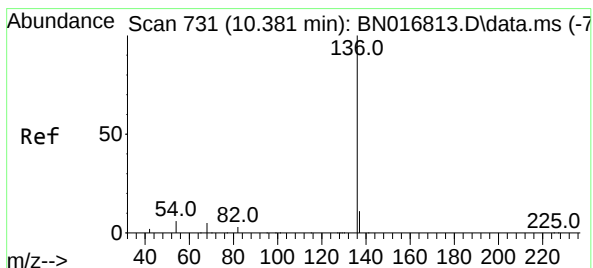
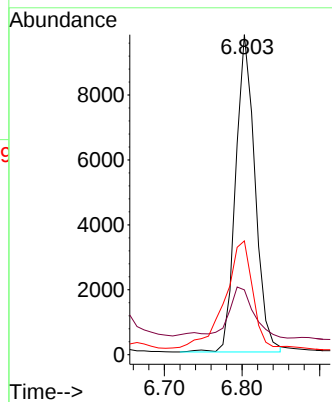
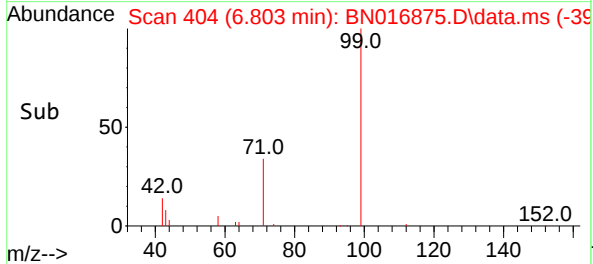




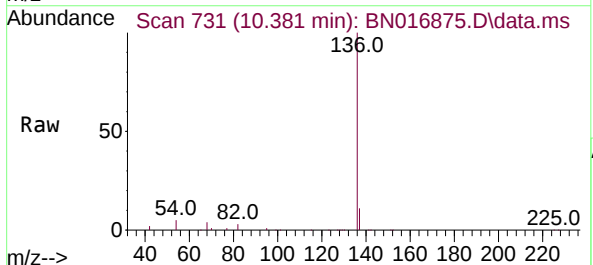
#5
Phenol-d6
Concen: 0.258 ng
RT: 6.803 min Scan# 404
Delta R.T. 0.009 min
Lab File: BN016875.D
Acq: 09 Oct 2021 11:00



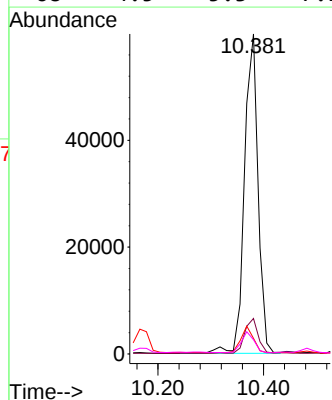
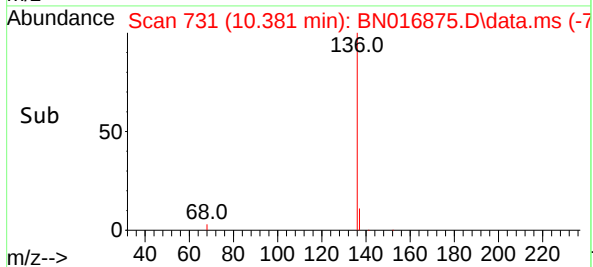
Tgt Ion: 99 Resp: 16917
Ion Ratio Lower Upper
99 100
42 19.3 13.4 20.2
71 47.9 24.0 36.0#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.381 min Scan# 731
Delta R.T. 0.000 min
Lab File: BN016875.D
Acq: 09 Oct 2021 11:00



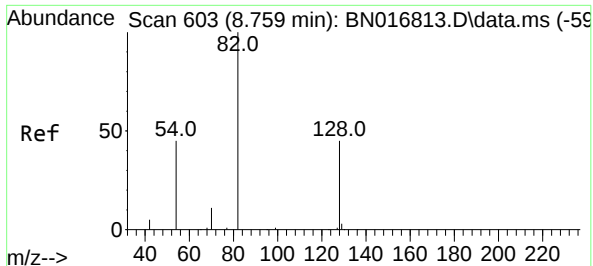
Tgt Ion: 136 Resp: 107119
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 4.9 6.5 9.7#
68 4.5 5.3 7.9#



Instrument :
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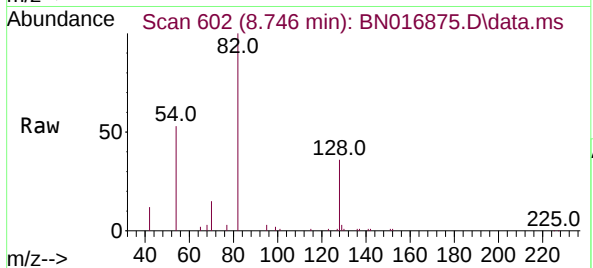
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#8
Nitrobenzene-d5
Concen: 0.260 ng
RT: 8.746 min Scan# 602
Delta R.T. -0.013 min
Lab File: BN016875.D
Acq: 09 Oct 2021 11:00

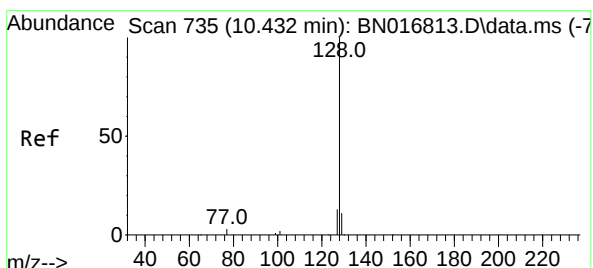
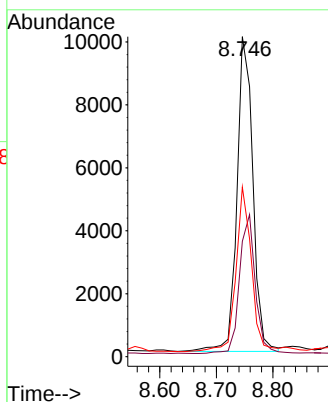
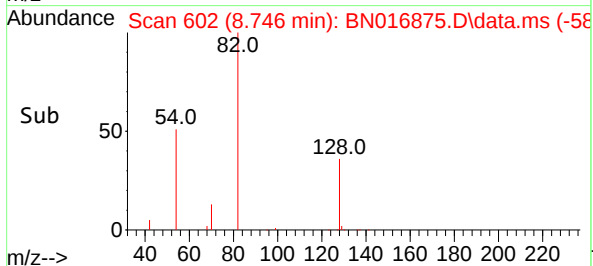
Instrument :
BNA_N
ClientSampleId :
S-830-J-SO-3-3.5-092721



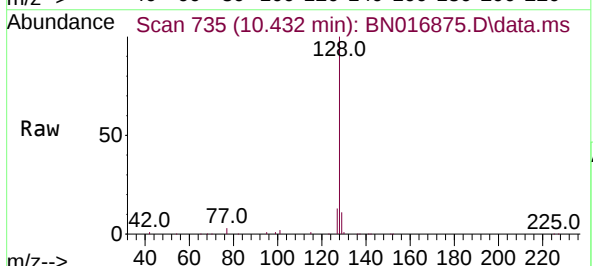
Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.1	33.8	50.6
54	53.0	38.5	57.7

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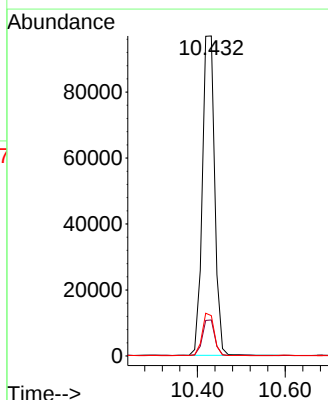
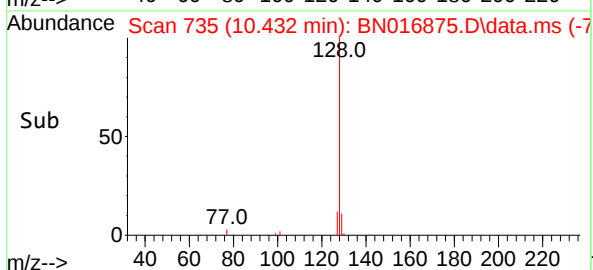
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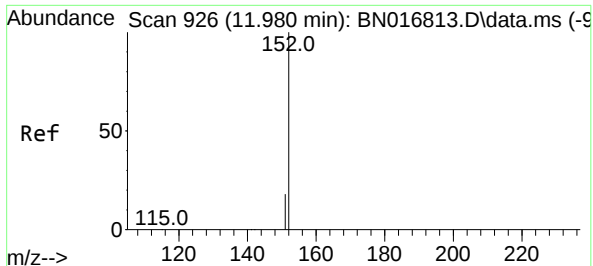


#9
Naphthalene
Concen: 0.648 ng
RT: 10.432 min Scan# 735
Delta R.T. 0.000 min
Lab File: BN016875.D
Acq: 09 Oct 2021 11:00



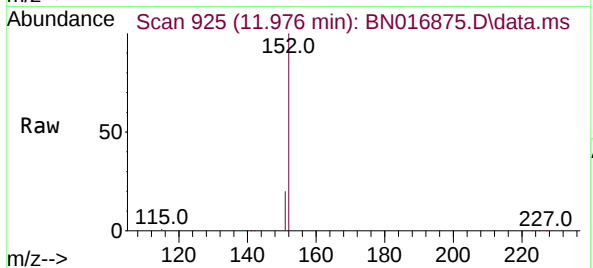
Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.7	13.1
127	12.6	10.3	15.5





#11
2-Methylnaphthalene-d10
Concen: 0.265 ng
RT: 11.976 min Scan# 925
Delta R.T. -0.004 min
Lab File: BN016875.D
Acq: 09 Oct 2021 11:00

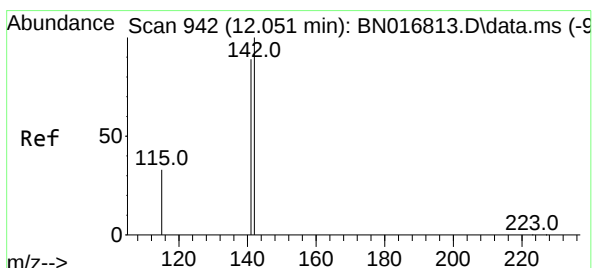
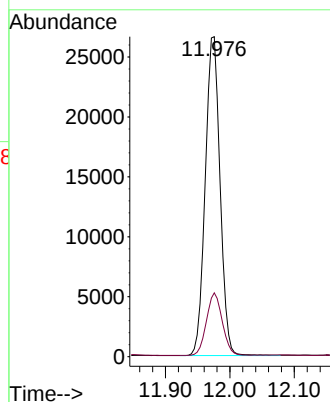
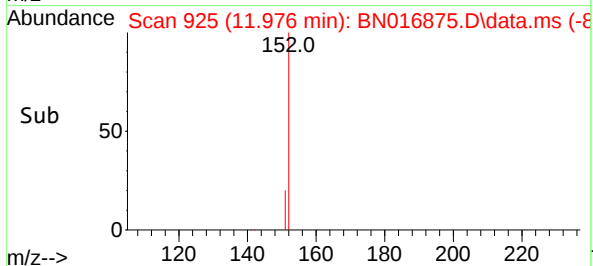
Instrument :
BNA_N
ClientSampleId :
S-830-J-SO-3-3.5-092721



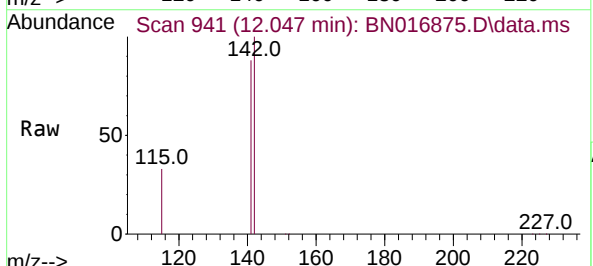
Tgt Ion:152 Resp: 42319
Ion Ratio Lower Upper
152 100
151 21.0 16.2 24.4

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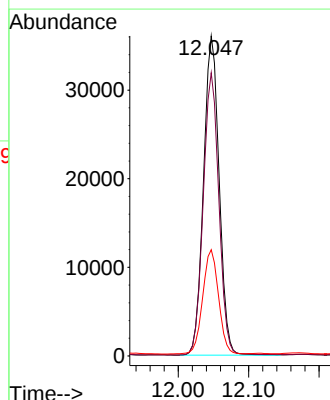
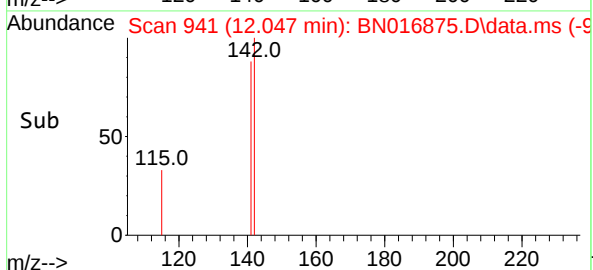
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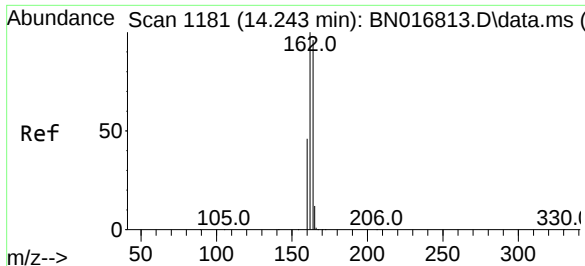


#12
2-Methylnaphthalene
Concen: 0.297 ng
RT: 12.047 min Scan# 941
Delta R.T. -0.004 min
Lab File: BN016875.D
Acq: 09 Oct 2021 11:00



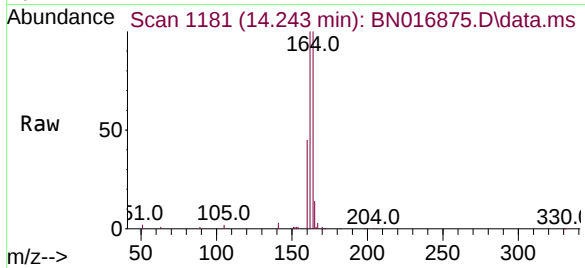
Tgt Ion:142 Resp: 55469
Ion Ratio Lower Upper
142 100
141 88.5 70.6 106.0
115 33.2 26.1 39.1





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.243 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BN016875.D
Acq: 09 Oct 2021 11:00

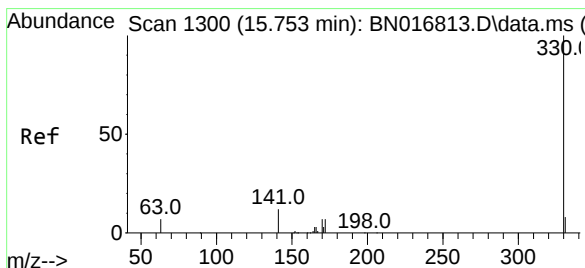
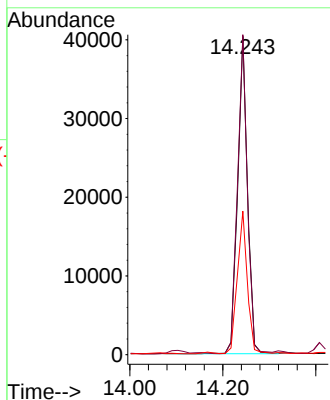
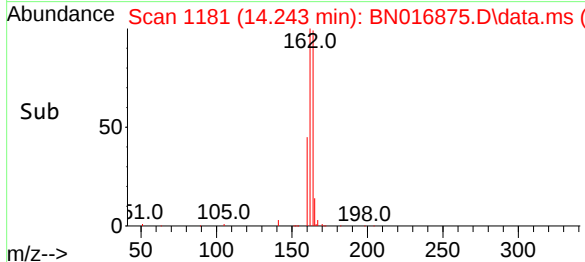
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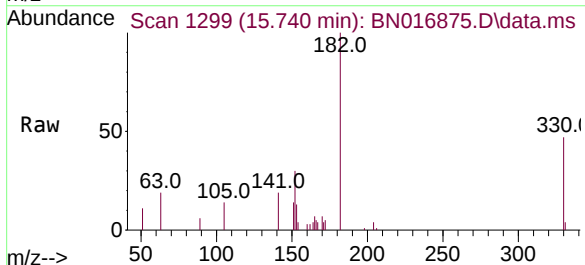
Tgt Ion:164 Resp: 59162
Ion Ratio Lower Upper
164 100
162 100.5 82.6 124.0
160 45.1 38.2 57.2

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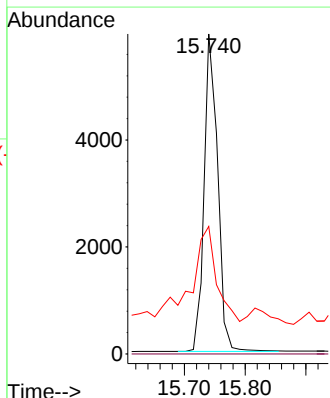
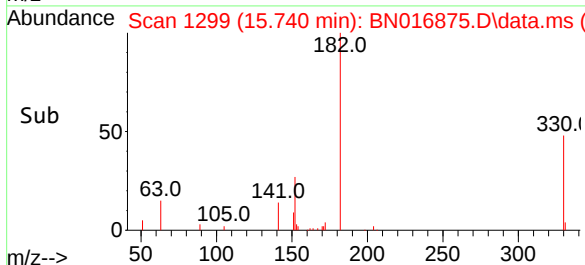
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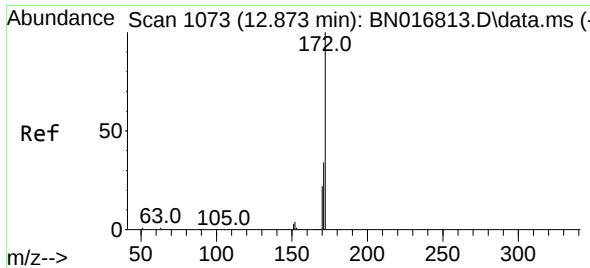


#14
2,4,6-Tribromophenol
Concen: 0.300 ng
RT: 15.740 min Scan# 1299
Delta R.T. -0.013 min
Lab File: BN016875.D
Acq: 09 Oct 2021 11:00

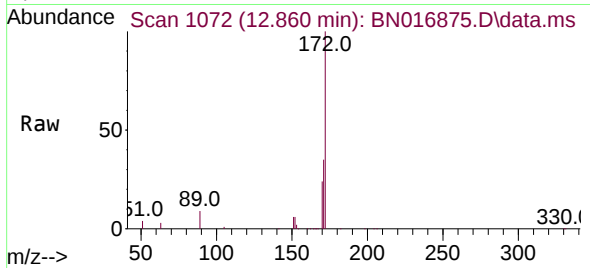


Tgt Ion:330 Resp: 9196
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 47.0 24.2 36.2#

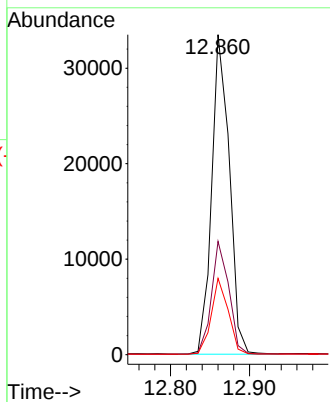
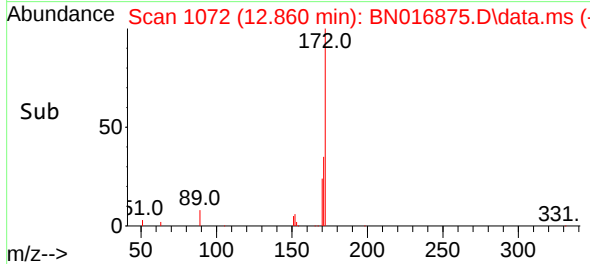




#15
2-Fluorobiphenyl
Concen: 0.218 ng
RT: 12.860 min Scan# 1072
Delta R.T. -0.013 min
Lab File: BN016875.D
Acq: 09 Oct 2021 11:00



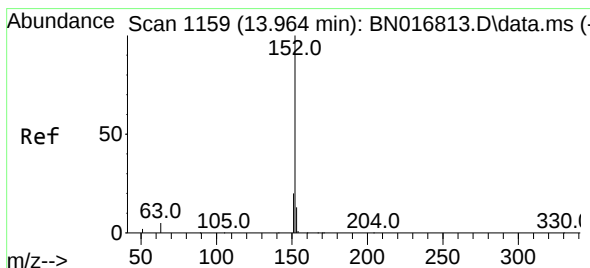
Tgt Ion:172 Resp: 52117
Ion Ratio Lower Upper
172 100
171 35.4 26.9 40.3
170 23.9 17.4 26.0



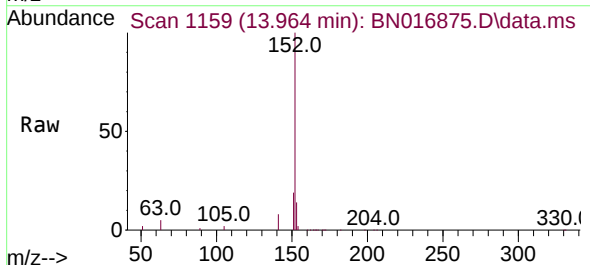
Instrument :
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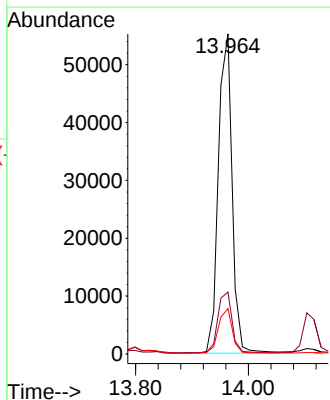
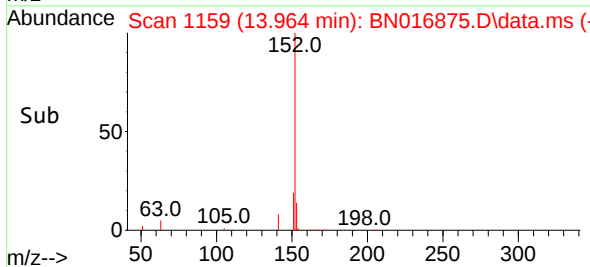
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10/11/2021 2:12:45 PM

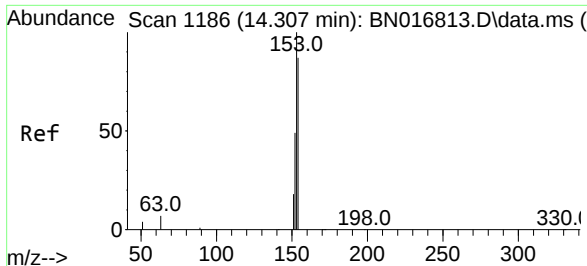


#16
Acenaphthylene
Concen: 0.358 ng
RT: 13.964 min Scan# 1159
Delta R.T. -0.000 min
Lab File: BN016875.D
Acq: 09 Oct 2021 11:00



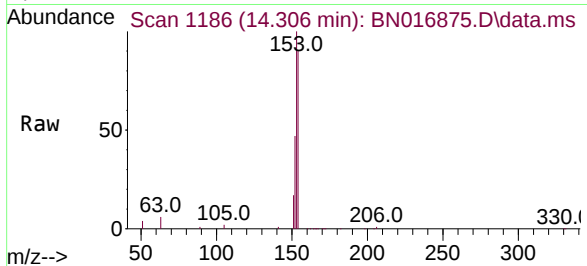
Tgt Ion:152 Resp: 93520
Ion Ratio Lower Upper
152 100
151 19.8 15.5 23.3
153 14.0 10.4 15.6





#17
Acenaphthene
Concen: 0.748 ng
RT: 14.306 min Scan# 1186
Delta R.T. -0.000 min
Lab File: BN016875.D
Acq: 09 Oct 2021 11:00

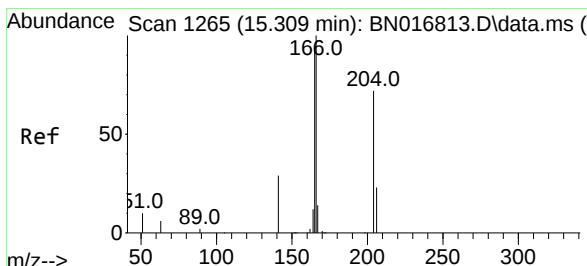
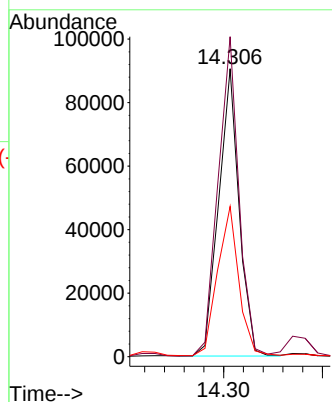
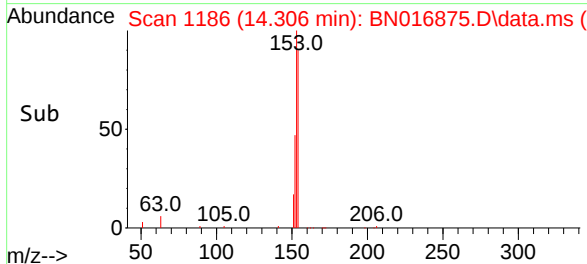
Instrument :
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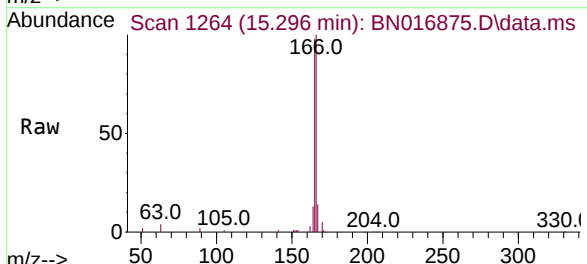
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Ion Ratio Lower Upper
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152 54.0 43.6 65.4

Manual Integrations
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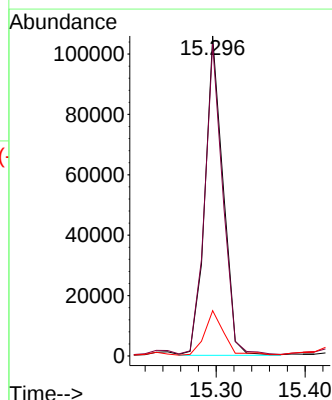
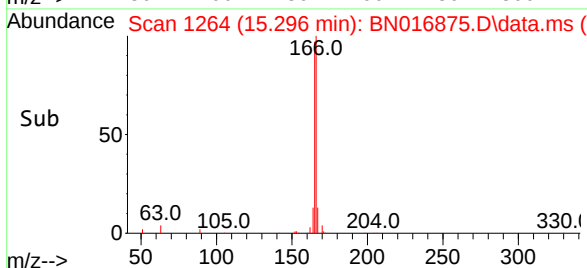
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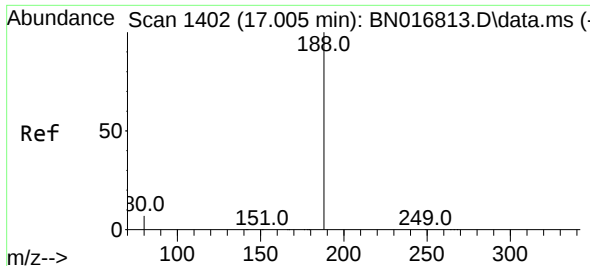


#18
Fluorene
Concen: 0.707 ng m
RT: 15.296 min Scan# 1264
Delta R.T. -0.000 min
Lab File: BN016875.D
Acq: 09 Oct 2021 11:00



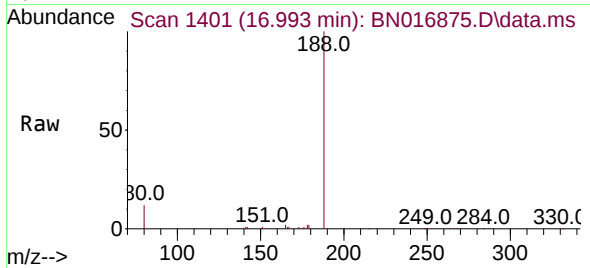
Tgt Ion:166 Resp: 149232
Ion Ratio Lower Upper
166 100
165 97.1 78.1 117.1
167 15.0 10.7 16.1





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.993 min Scan# 1401
Delta R.T. -0.012 min
Lab File: BN016875.D
Acq: 09 Oct 2021 11:00

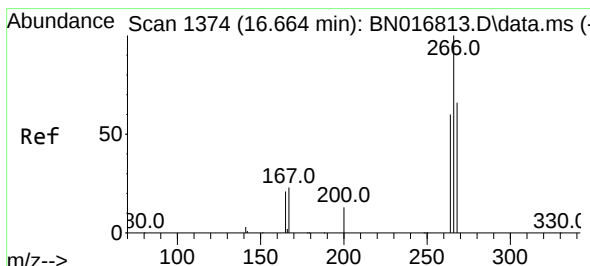
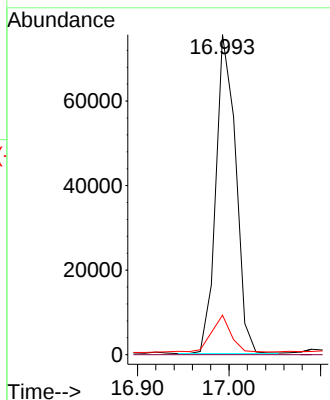
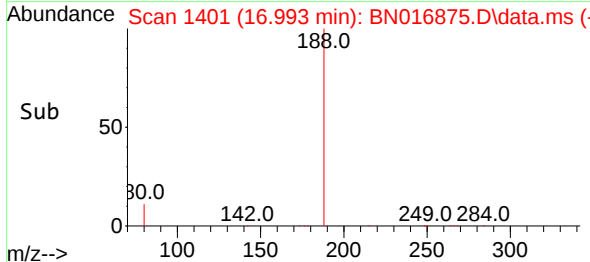
Instrument :
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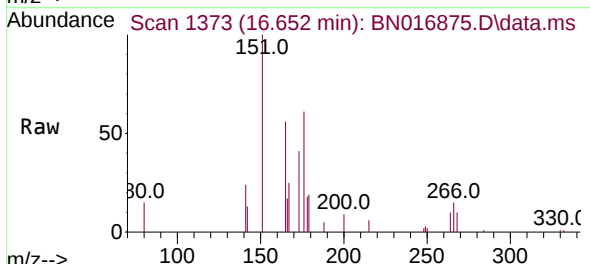
Tgt Ion:188 Resp: 113919
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.4 5.8 8.8#

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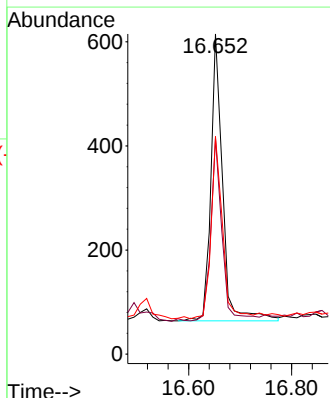
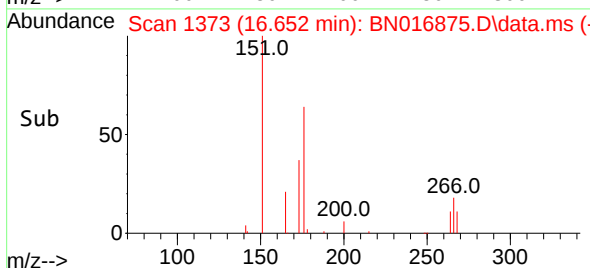
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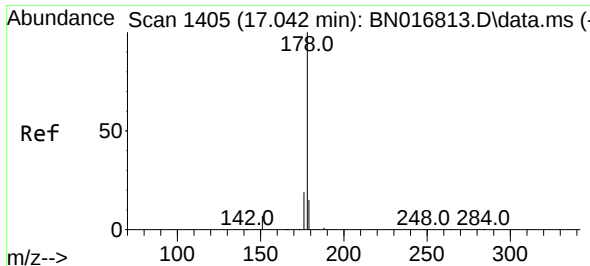


#24
Pentachlorophenol
Concen: 0.126 ng
RT: 16.652 min Scan# 1373
Delta R.T. 0.000 min
Lab File: BN016875.D
Acq: 09 Oct 2021 11:00

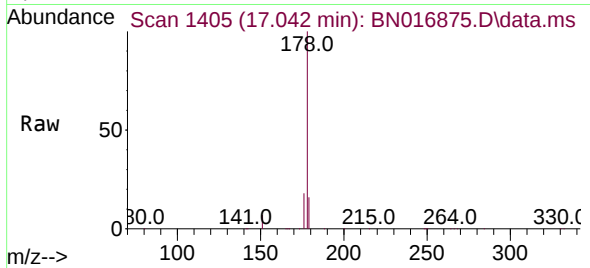


Tgt Ion:266 Resp: 871
Ion Ratio Lower Upper
266 100
264 60.7 49.3 73.9
268 62.1 51.8 77.8

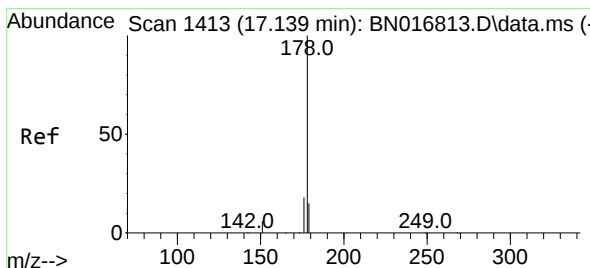
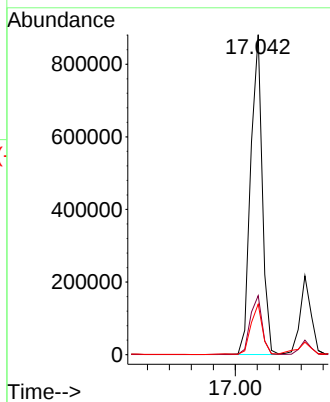
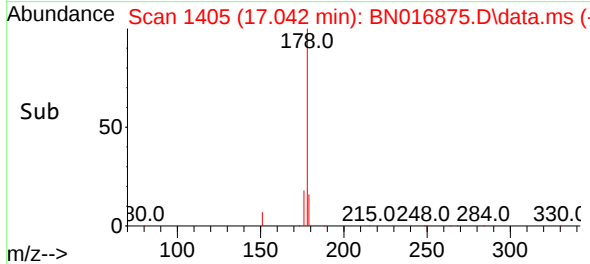




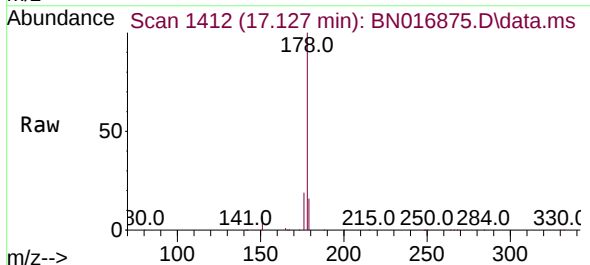
#25
Phenanthrene
Concen: 3.822 ng
RT: 17.042 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BN016875.D
Acq: 09 Oct 2021 11:00



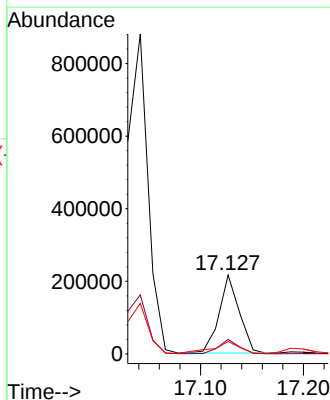
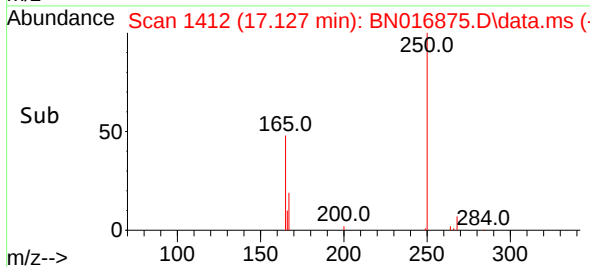
Tgt Ion:178 Resp: 1293196
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.6
179 15.9 12.4 18.6



#26
Anthracene
Concen: 0.968 ng
RT: 17.127 min Scan# 1412
Delta R.T. -0.000 min
Lab File: BN016875.D
Acq: 09 Oct 2021 11:00



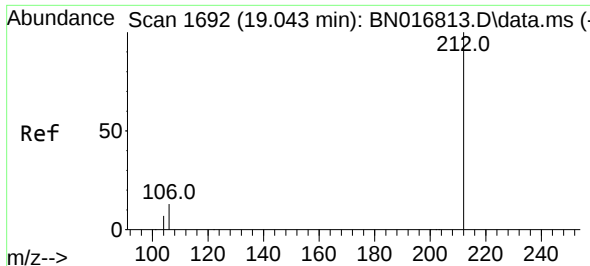
Tgt Ion:178 Resp: 291021
Ion Ratio Lower Upper
178 100
176 18.3 14.5 21.7
179 20.0 12.2 18.4#



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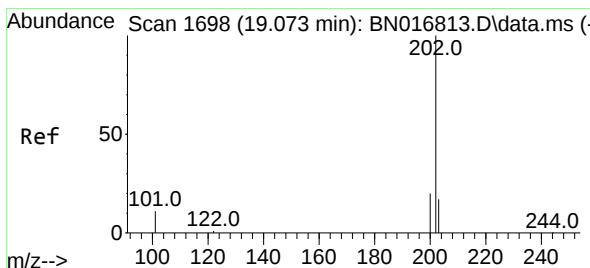
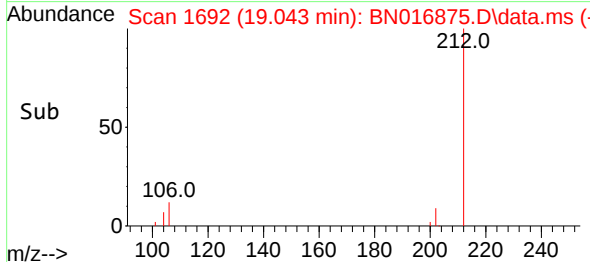
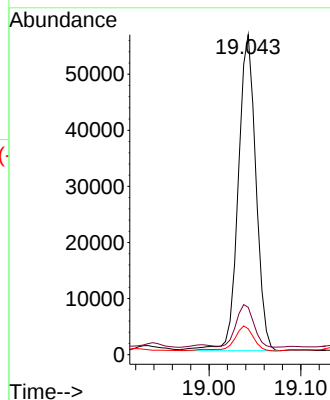
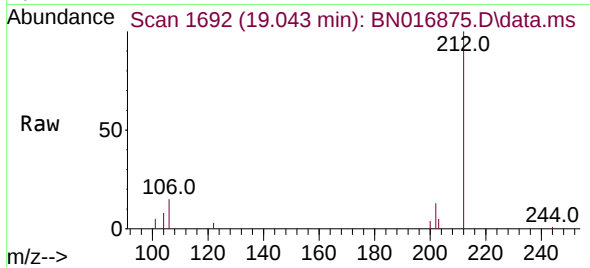
#27
Fluoranthene-d10
Concen: 0.238 ng
RT: 19.043 min Scan# 1692
Delta R.T. -0.000 min
Lab File: BN016875.D
Acq: 09 Oct 2021 11:00

Tgt Ion: 212 Resp: 75271
Ion Ratio Lower Upper
212 100
106 13.6 10.6 16.0
104 8.2 5.8 8.8

Instrument :
BNA_N
ClientSampleId :
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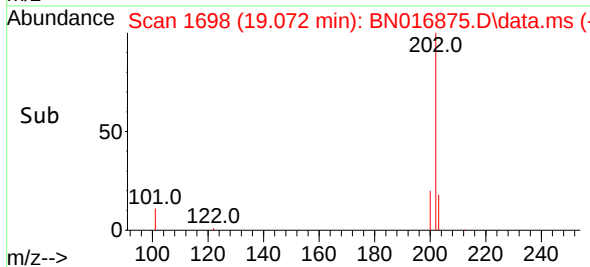
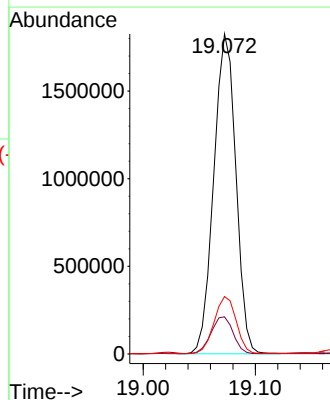
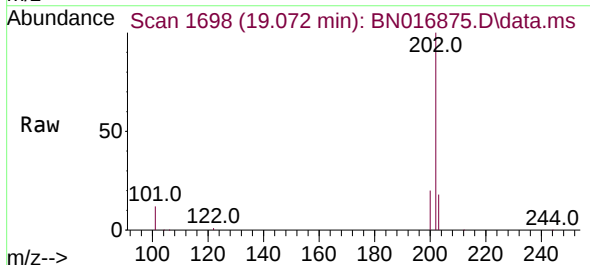
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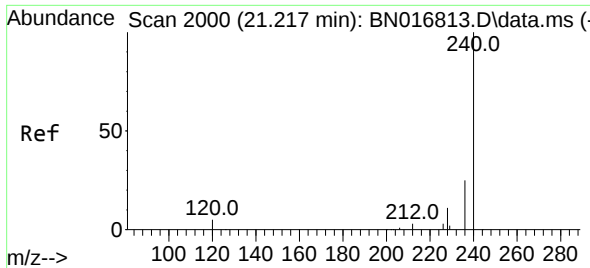
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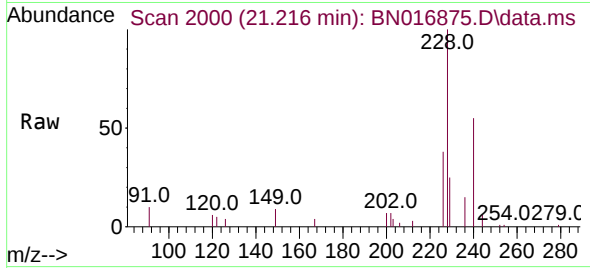
#28
Fluoranthene
Concen: 6.580 ng
RT: 19.072 min Scan# 1698
Delta R.T. -0.000 min
Lab File: BN016875.D
Acq: 09 Oct 2021 11:00

Tgt Ion: 202 Resp: 2500092
Ion Ratio Lower Upper
202 100
101 11.6 8.9 13.3
203 17.8 13.8 20.8

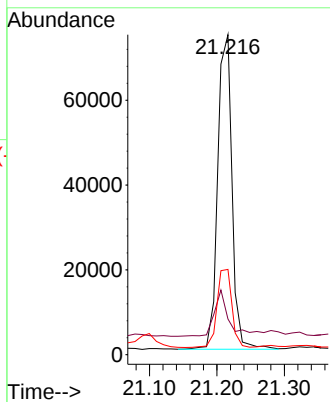
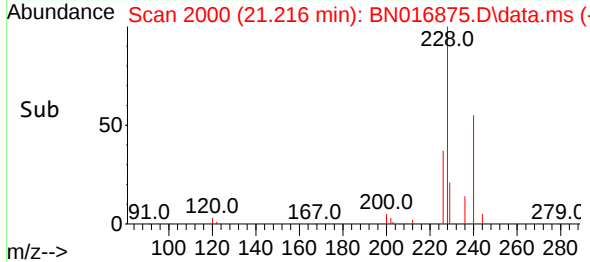




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.216 min Scan# 2000
Delta R.T. 0.011 min
Lab File: BN016875.D
Acq: 09 Oct 2021 11:00



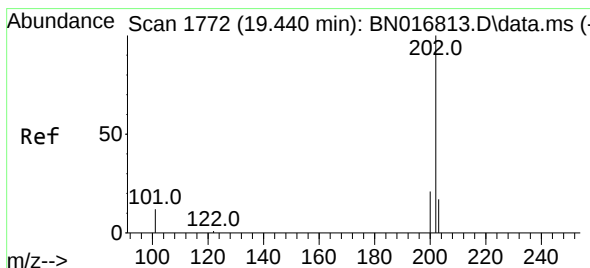
Tgt Ion:240 Resp: 109739
Ion Ratio Lower Upper
240 100
120 11.2 6.6 10.0#
236 26.7 20.7 31.1



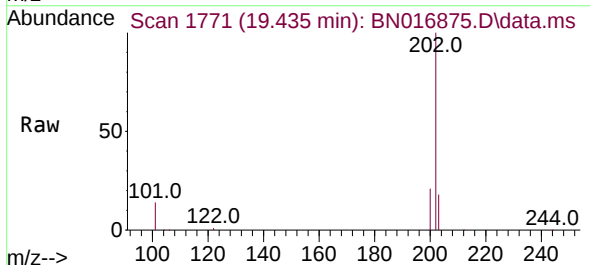
Instrument :
BNA_N
ClientSampleId :
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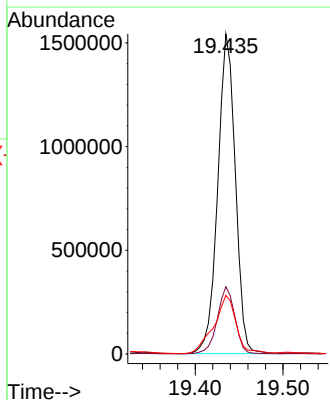
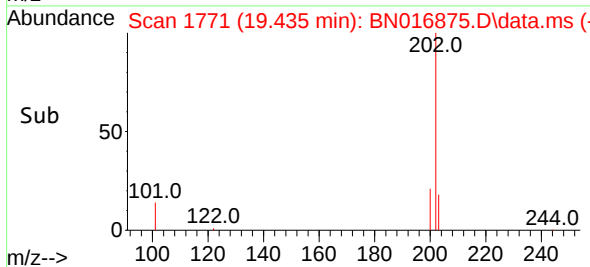
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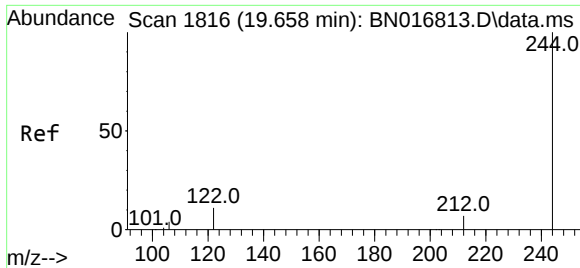


#30
Pyrene
Concen: 6.363 ng
RT: 19.435 min Scan# 1771
Delta R.T. -0.000 min
Lab File: BN016875.D
Acq: 09 Oct 2021 11:00



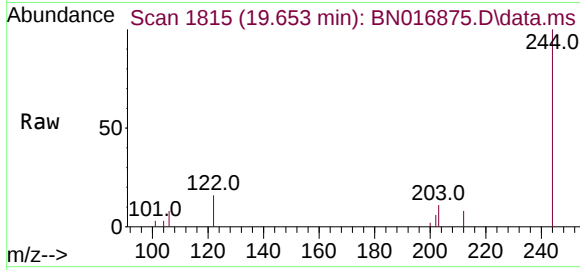
Tgt Ion:202 Resp: 2147260
Ion Ratio Lower Upper
202 100
200 20.9 16.5 24.7
203 22.7 13.9 20.9#





#31
Terphenyl-d14
Concen: 0.236 ng
RT: 19.653 min Scan# 1815
Delta R.T. -0.005 min
Lab File: BN016875.D
Acq: 09 Oct 2021 11:00

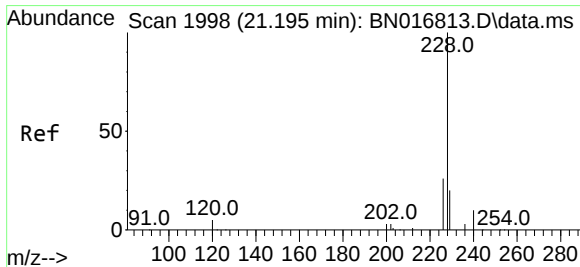
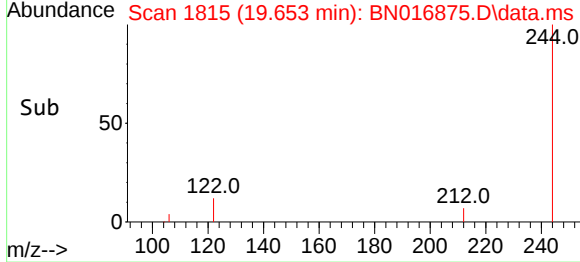
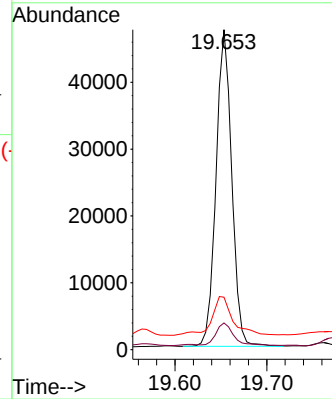
Instrument :
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Tgt Ion:244 Resp: 56483
Ion Ratio Lower Upper
244 100
212 8.4 5.8 8.6
122 16.4 8.9 13.3#

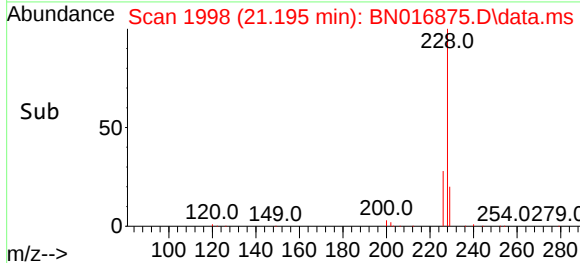
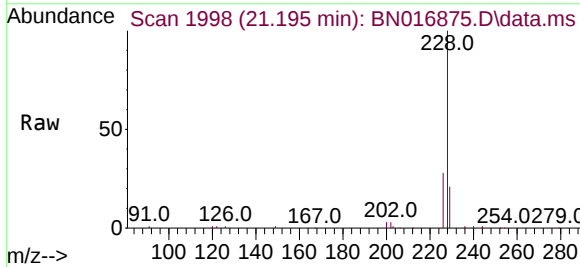
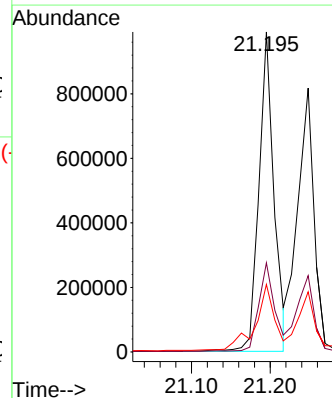
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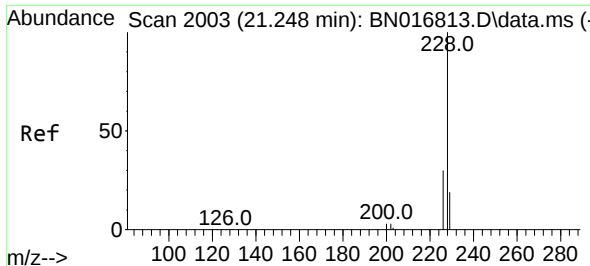
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#32
Benzo(a)anthracene
Concen: 3.873 ng
RT: 21.195 min Scan# 1998
Delta R.T. -0.000 min
Lab File: BN016875.D
Acq: 09 Oct 2021 11:00

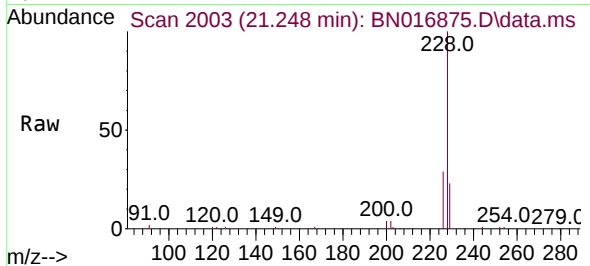
Tgt Ion:228 Resp: 1314338
Ion Ratio Lower Upper
228 100
226 27.9 22.3 33.5
229 21.1 15.4 23.0





#33
Chrysene
Concen: 3.417 ng
RT: 21.248 min Scan# 2003
Delta R.T. -0.000 min
Lab File: BN016875.D
Acq: 09 Oct 2021 11:00

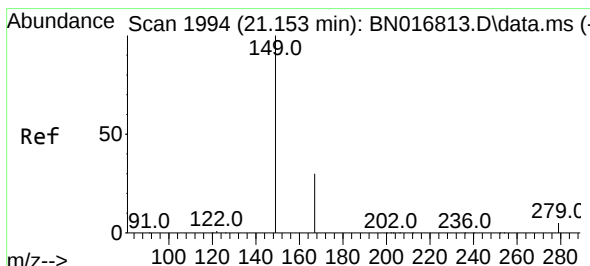
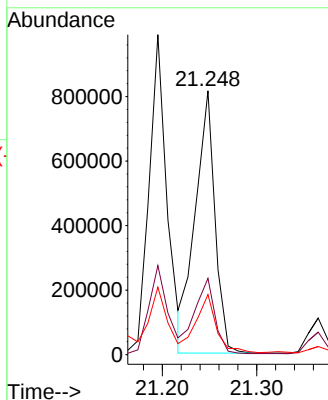
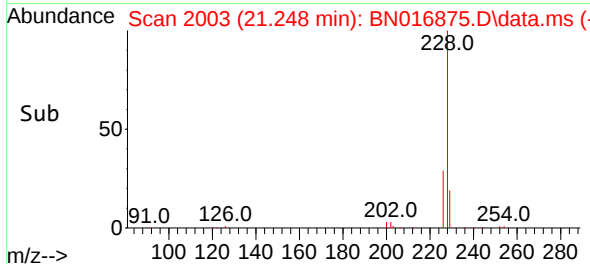
Instrument :
BNA_N
ClientSampleId :
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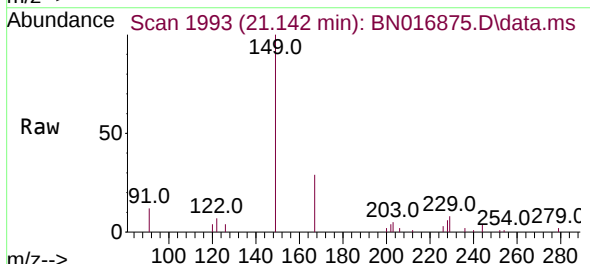
Tgt Ion:228 Resp: 1181015
Ion Ratio Lower Upper
228 100
226 29.0 24.2 36.4
229 22.8 15.4 23.0

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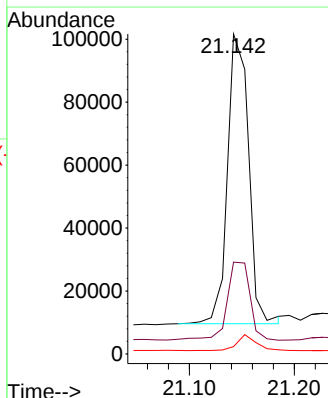
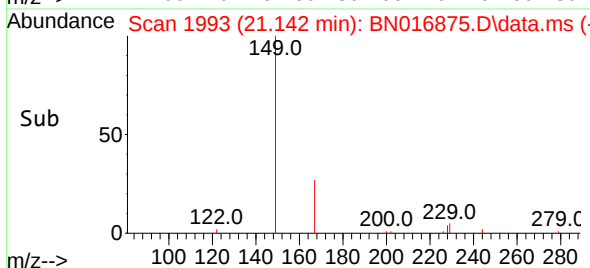
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10/11/2021 2:12:45 PM

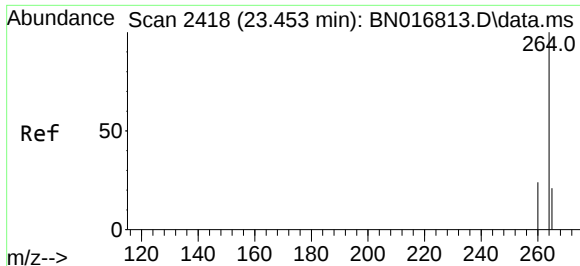


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.745 ng
RT: 21.142 min Scan# 1993
Delta R.T. -0.011 min
Lab File: BN016875.D
Acq: 09 Oct 2021 11:00



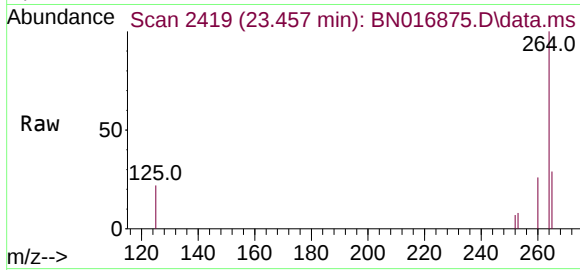
Tgt Ion:149 Resp: 128523
Ion Ratio Lower Upper
149 100
167 29.0 22.2 33.4
279 5.0 3.4 5.2





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.457 min Scan# 2419
Delta R.T. 0.003 min
Lab File: BN016875.D
Acq: 09 Oct 2021 11:00

Instrument :
BNA_N
ClientSampleId :
S-830-J-SO-3-3.5-092721

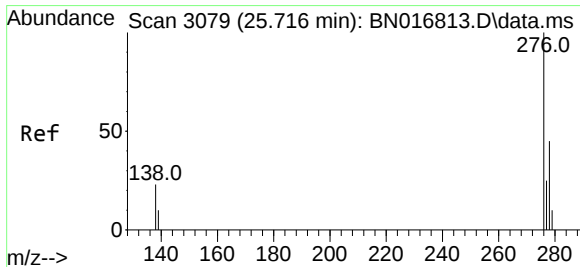
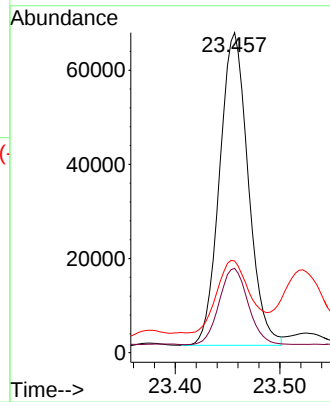
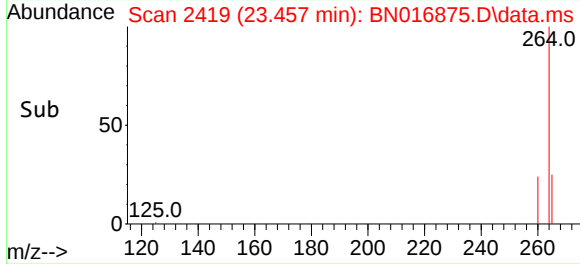


Tgt Ion:264 Resp: 126163

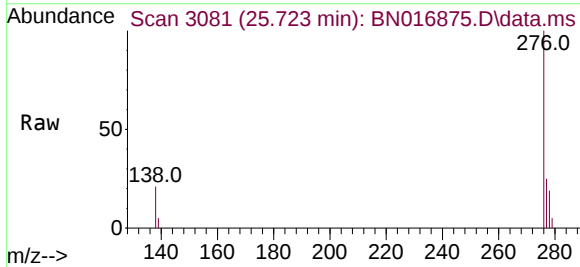
Ion	Ratio	Lower	Upper
264	100		
260	26.4	19.8	29.6
265	28.6	20.3	30.5

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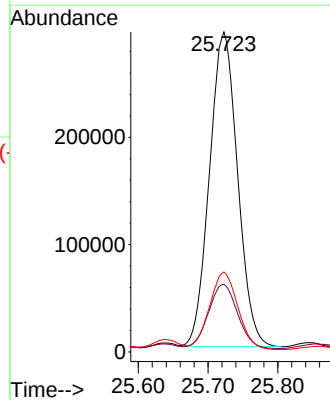
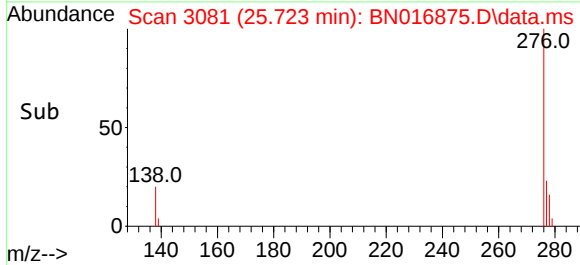


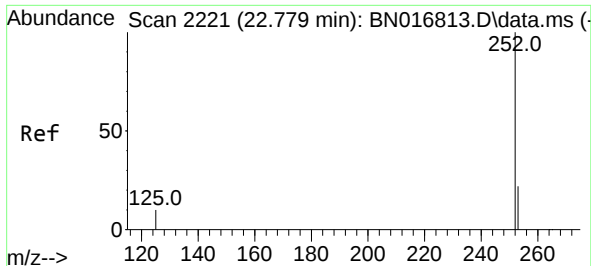
#36
Indeno(1,2,3-cd)pyrene
Concen: 1.721 ng
RT: 25.723 min Scan# 3081
Delta R.T. 0.007 min
Lab File: BN016875.D
Acq: 09 Oct 2021 11:00



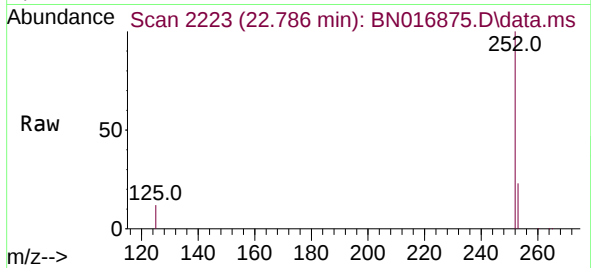
Tgt Ion:276 Resp: 822441

Ion	Ratio	Lower	Upper
276	100		
138	21.2	19.2	28.8
277	24.9	20.0	30.0

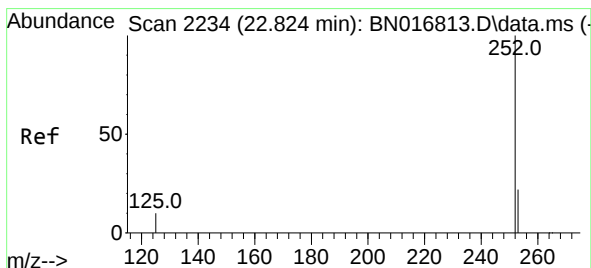
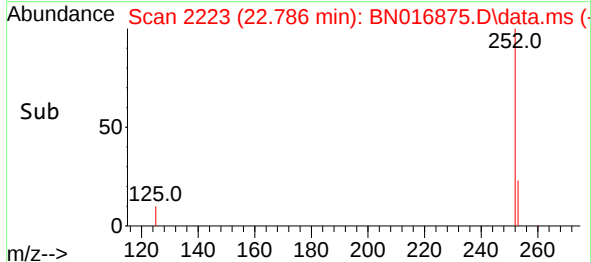
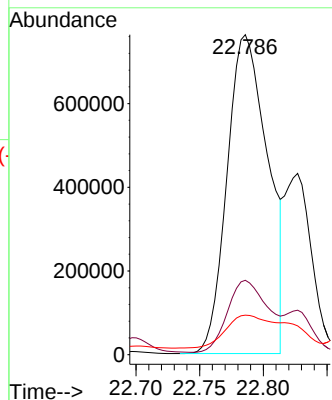




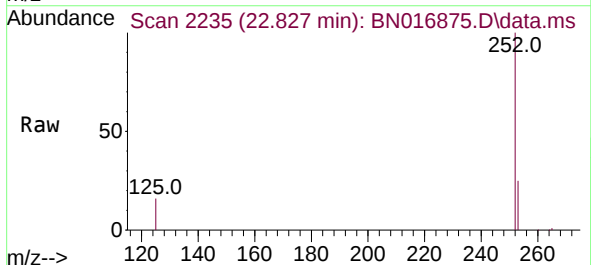
#37
Benzo(b)fluoranthene
Concen: 4.246 ng
RT: 22.786 min Scan# 2223
Delta R.T. 0.007 min
Lab File: BN016875.D
Acq: 09 Oct 2021 11:00



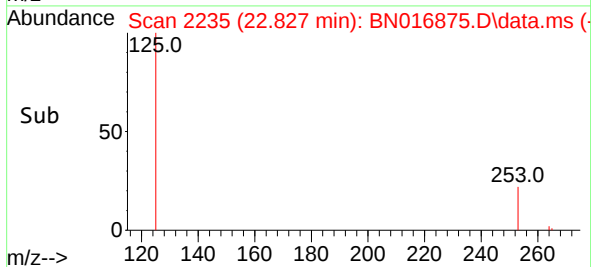
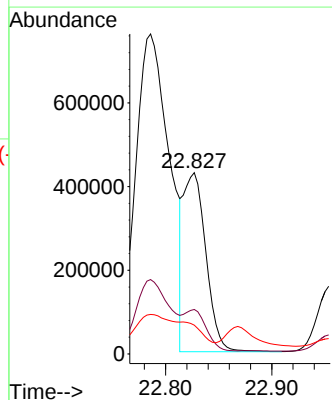
Tgt Ion:252 Resp: 1695781
Ion Ratio Lower Upper
252 100
253 23.2 17.8 26.8
125 12.3 8.3 12.5



#38
Benzo(k)fluoranthene
Concen: 1.618 ng m
RT: 22.827 min Scan# 2235
Delta R.T. 0.003 min
Lab File: BN016875.D
Acq: 09 Oct 2021 11:00



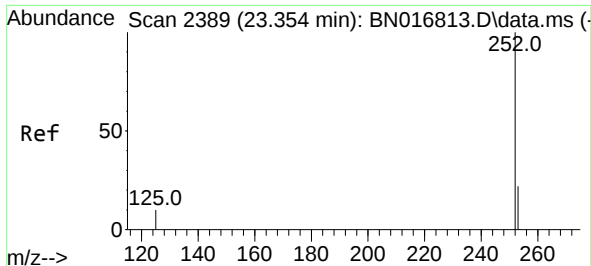
Tgt Ion:252 Resp: 628289
Ion Ratio Lower Upper
252 100
253 24.6 17.8 26.8
125 15.9 8.5 12.7#



Instrument :
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ClientSampleId :
S-830-J-SO-3-3.5-092721

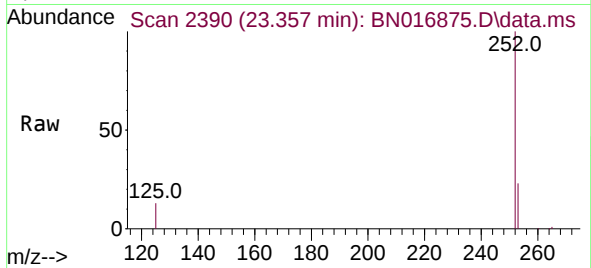
Manual Integrations
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#39
Benzo(a)pyrene
Concen: 3.351 ng
RT: 23.357 min Scan# 2390
Delta R.T. 0.003 min
Lab File: BN016875.D
Acq: 09 Oct 2021 11:00

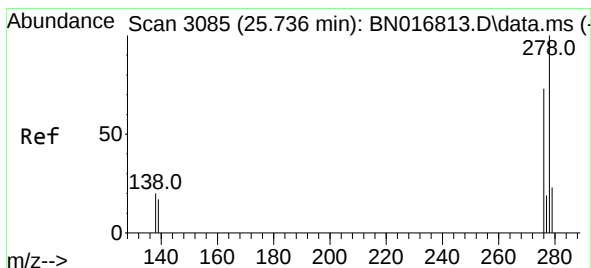
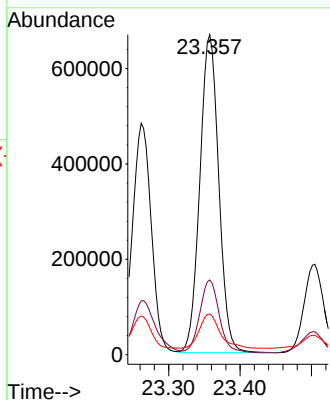
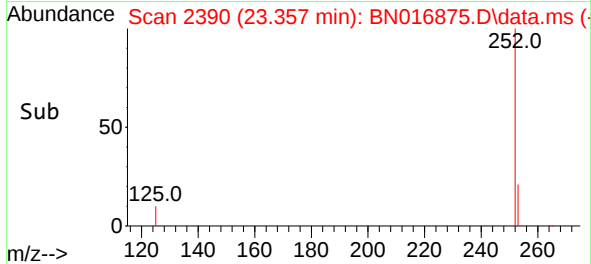
Instrument :
BNA_N
ClientSampleId :
S-830-J-SO-3-3.5-092721



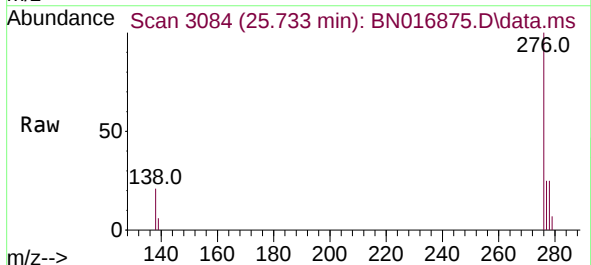
Tgt Ion:252 Resp: 1222662
Ion Ratio Lower Upper
252 100
253 23.3 17.9 26.9
125 12.7 9.4 14.2

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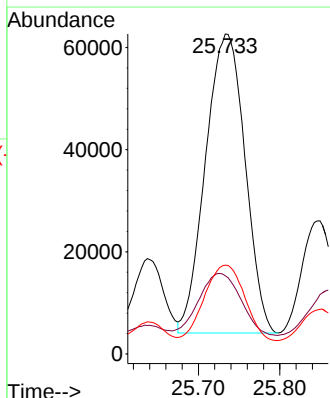
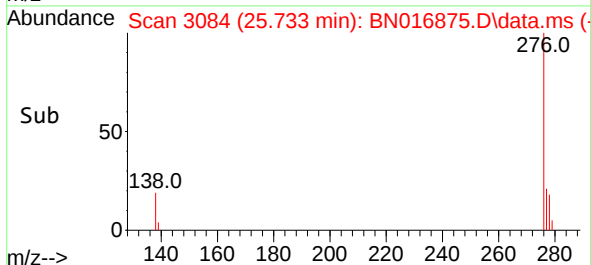
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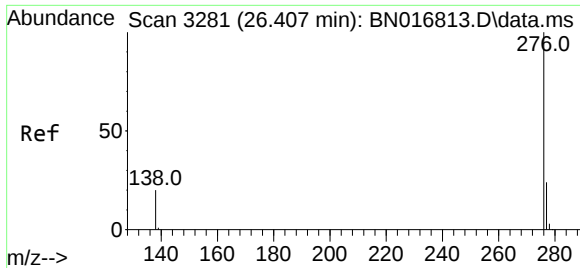


#40
Dibenzo(a,h)anthracene
Concen: 0.504 ng
RT: 25.733 min Scan# 3084
Delta R.T. -0.007 min
Lab File: BN016875.D
Acq: 09 Oct 2021 11:00

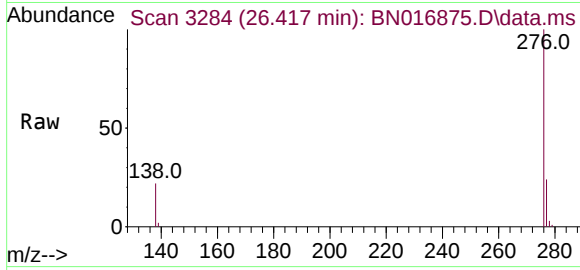


Tgt Ion:278 Resp: 197216
Ion Ratio Lower Upper
278 100
139 24.5 13.1 19.7#
279 27.8 19.3 28.9

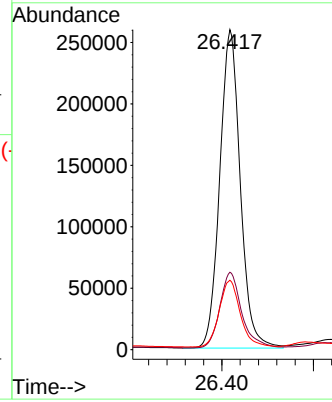
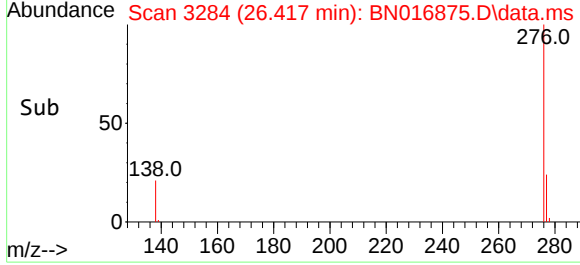




#41
Benzo(g,h,i)perylene
Concen: 1.941 ng
RT: 26.417 min Scan# 3284
Delta R.T. 0.010 min
Lab File: BN016875.D
Acq: 09 Oct 2021 11:00



Tgt Ion: 276 Resp: 806364
Ion Ratio Lower Upper
276 100
277 24.2 19.0 28.4
138 21.7 17.0 25.6



Instrument :
BNA_N
ClientSampleId :
S-830-J-SO-3-3.5-092721

Manual Integrations
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