

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072421\
 Data File : BN015683.D
 Acq On : 24 Jul 2021 00:35
 Operator : CG/JU
 Sample : M3143-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 STOCK-PILE-1

Manual Integrations
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Quant Time: Jul 24 01:54:01 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN072421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 23 14:45:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.744	152	13128	0.400	ng	0.00
7) Naphthalene-d8	10.521	136	63853	0.400	ng	0.00
13) Acenaphthene-d10	14.370	164	38277	0.400	ng	0.00
19) Phenanthrene-d10	17.115	188	75830	0.400	ng	0.00
29) Chrysene-d12	21.312	240	67161	0.400	ng	0.00
35) Perylene-d12	23.625	264	63000	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.365	112	10616	0.336	ng	0.02
5) Phenol-d6	6.923	99	12533	0.338	ng	0.00
8) Nitrobenzene-d5	8.886	82	14623	0.327	ng	0.00
11) 2-Methylnaphthalene-d10	12.114	152	25894	0.272	ng	0.00
14) 2,4,6-Tribromophenol	15.867	330	5574	0.468	ng	0.00
15) 2-Fluorobiphenyl	13.000	172	33208	0.213	ng	0.00
27) Fluoranthene-d10	19.157	212	42009	0.208	ng	0.00
31) Terphenyl-d14	19.763	244	29488	0.184	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.572	128	24716	0.146	ng	98
12) 2-Methylnaphthalene	12.185	142	13625	0.125	ng	97
16) Acenaphthylene	14.091	152	131283	0.821	ng	98
17) Acenaphthene	14.434	154	28822	0.259	ng	99
18) Fluorene	15.423	166	56951	0.430	ng	# 90
22) Hexachlorobenzene	16.433	284	3126	0.062	ng	98
24) Pentachlorophenol	16.774	266	180	0.156	ng	96
25) Phenanthrene	17.164	178	707828	3.093	ng	100
26) Anthracene	17.249	178	130071	0.684	ng	98
28) Fluoranthene	19.192	202	1048312	4.244	ng	99
30) Pyrene	19.549	202	1119770	4.642	ng	# 95
32) Benzo(a)anthracene	21.302	228	514923	2.446	ng	93
33) Chrysene	21.355	228	530845	2.277	ng	97
34) Bis(2-ethylhexyl)phtha...	21.238	149	144928	1.571	ng	99
36) Indeno(1,2,3-cd)pyrene	25.990	276	177982	0.780	ng	96
37) Benzo(b)fluoranthene	22.930	252	542711	2.291	ng	97
38) Benzo(k)fluoranthene	22.971	252	178088m	0.751	ng	
39) Benzo(a)pyrene	23.526	252	395641	2.061	ng	99
40) Dibenzo(a,h)anthracene	26.004	278	49664	0.277	ng	# 85
41) Benzo(g,h,i)perylene	26.723	276	167964	0.804	ng	99

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

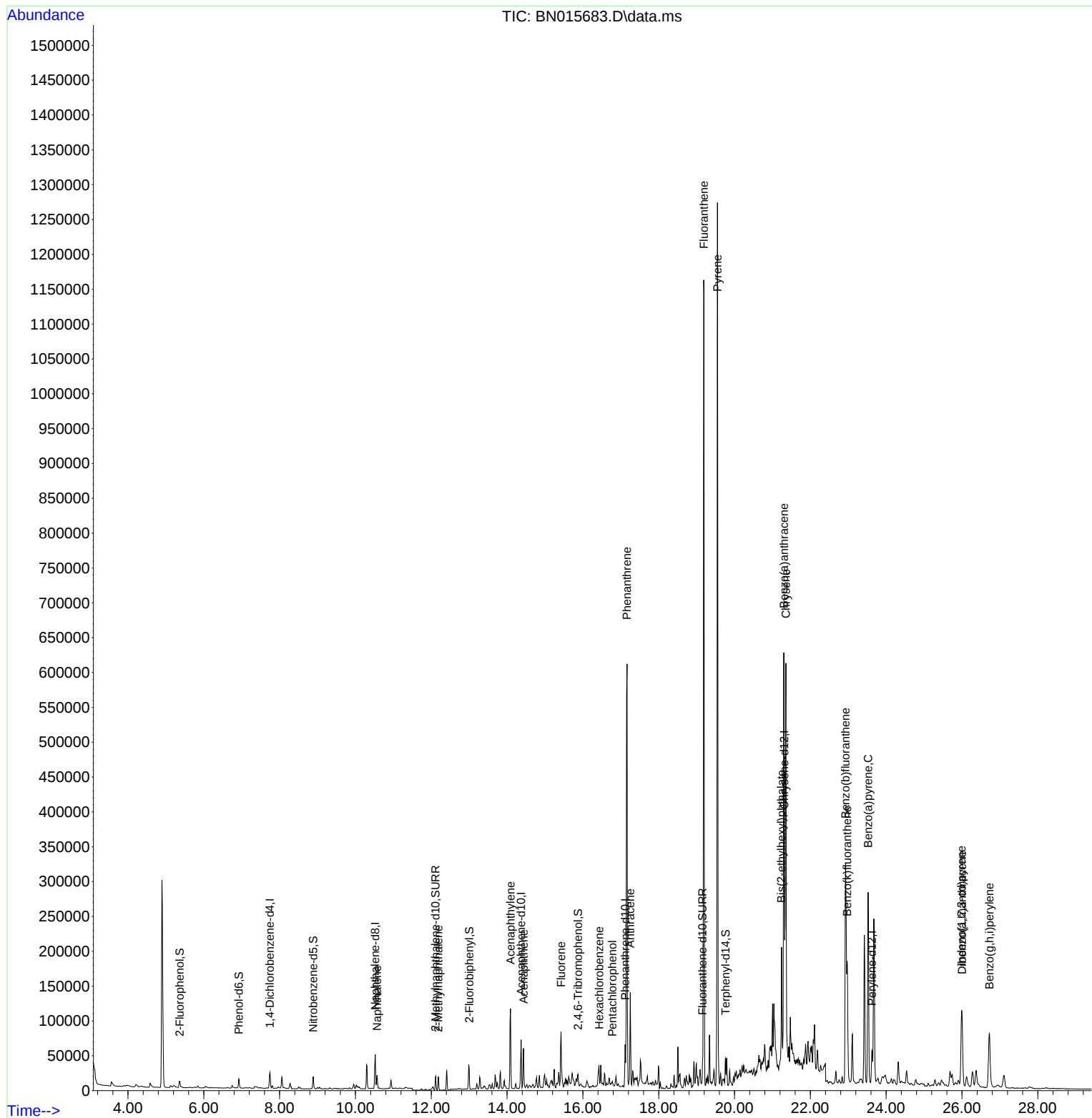
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072421\
Data File : BN015683.D
Acq On : 24 Jul 2021 00:35
Operator : CG/JU
Sample : M3143-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

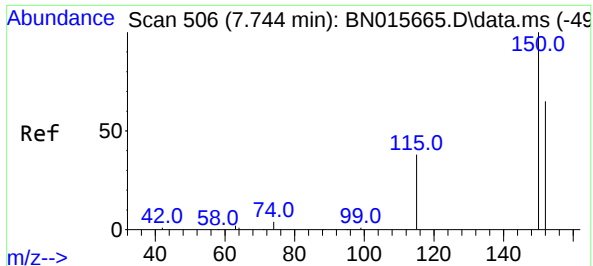
Instrument :
BNA_N
ClientSampleId :
STOCK-PILE-1

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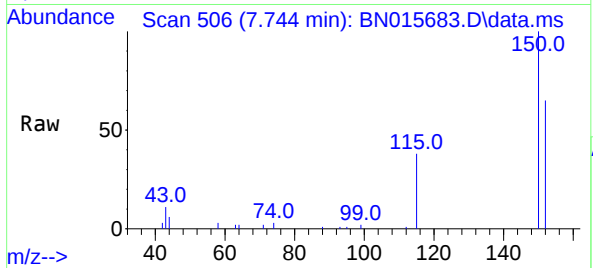
Quant Time: Jul 24 01:54:01 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN072421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 23 14:45:01 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.744 min Scan# 506
Delta R.T. -0.000 min
Lab File: BN015683.D
Acq: 24 Jul 2021 00:35

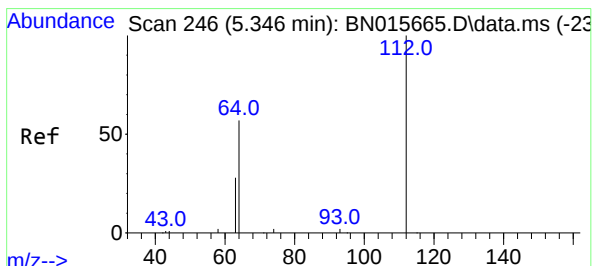
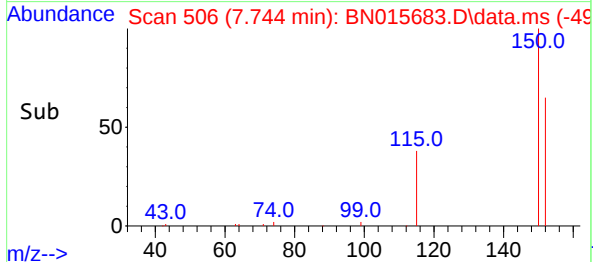
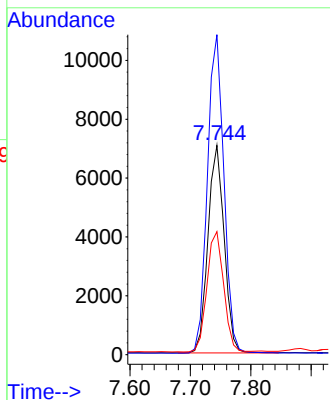
Instrument :
BNA_N
ClientSampleId :
STOCK-PILE-1



Tgt Ion:152 Resp: 13128
Ion Ratio Lower Upper
152 100
150 152.9 123.4 185.0
115 58.8 47.2 70.8

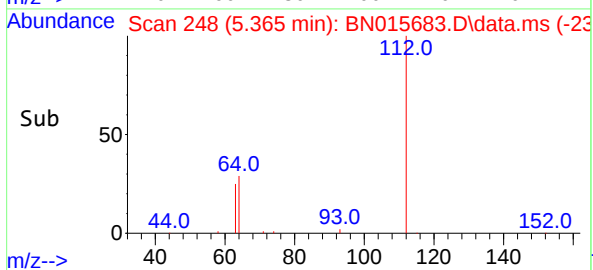
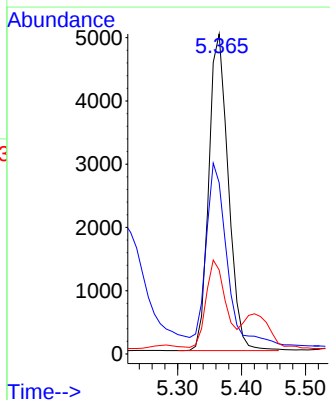
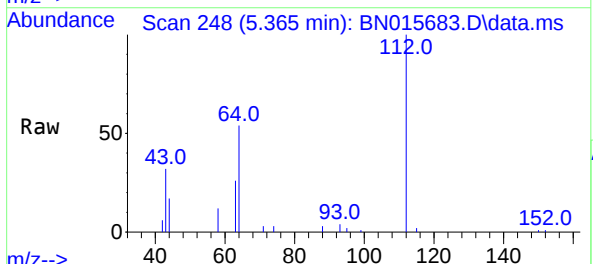
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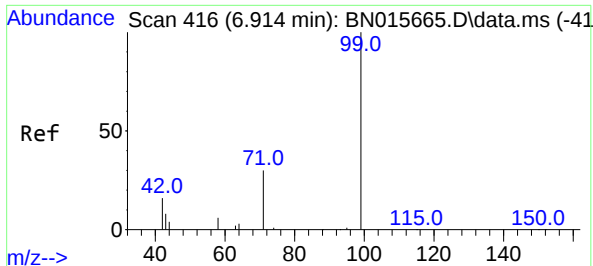
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#4
2-Fluorophenol
Concen: 0.336 ng
RT: 5.365 min Scan# 248
Delta R.T. 0.019 min
Lab File: BN015683.D
Acq: 24 Jul 2021 00:35

Tgt Ion:112 Resp: 10616
Ion Ratio Lower Upper
112 100
64 59.1 44.9 67.3
63 27.6 22.6 33.8





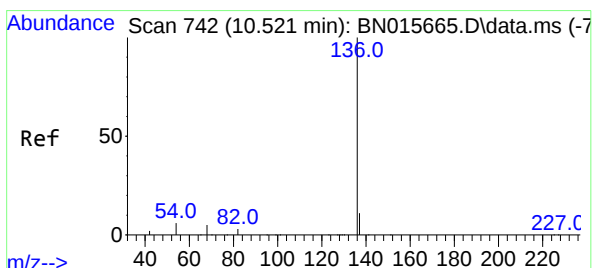
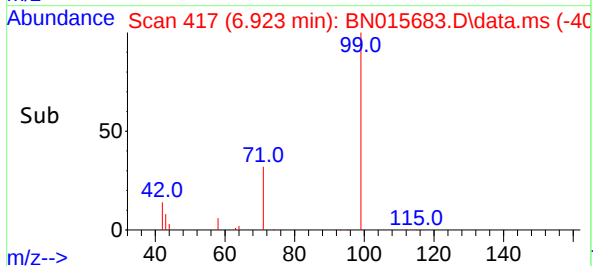
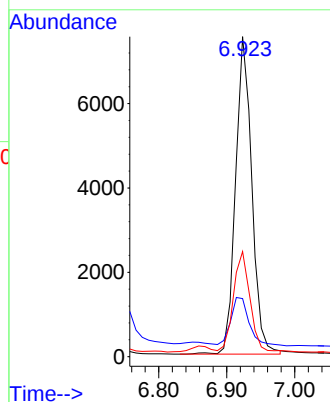
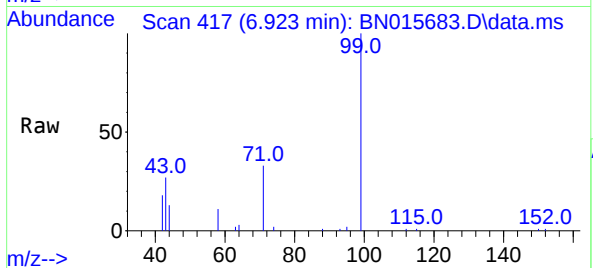
#5
Phenol-d6
Concen: 0.338 ng
RT: 6.923 min Scan# 417
Delta R.T. 0.009 min
Lab File: BN015683.D
Acq: 24 Jul 2021 00:35

Tgt Ion: 99 Resp: 12533
Ion Ratio Lower Upper
99 100
42 16.4 13.8 20.6
71 31.1 24.2 36.2

Instrument :
BNA_N
ClientSampleId :
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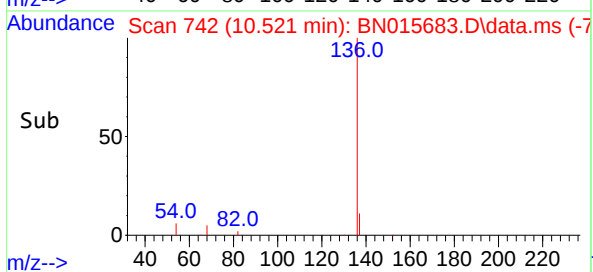
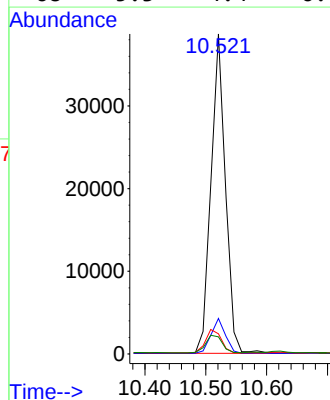
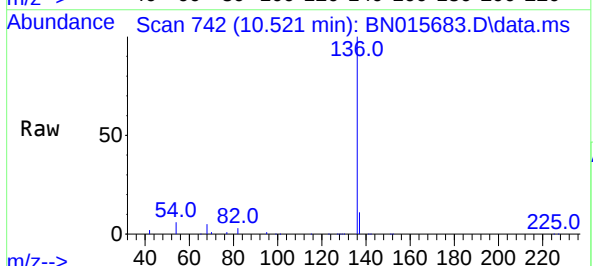
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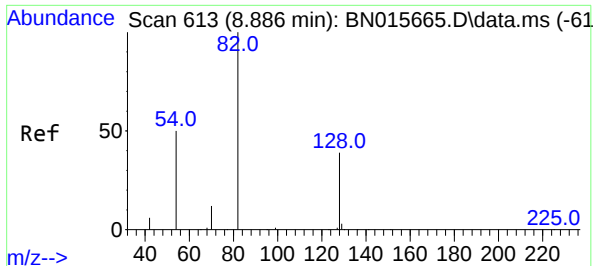
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#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.521 min Scan# 742
Delta R.T. 0.000 min
Lab File: BN015683.D
Acq: 24 Jul 2021 00:35

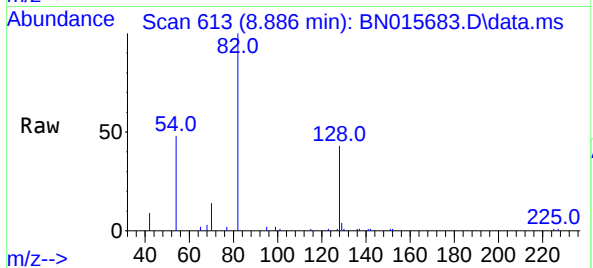
Tgt Ion: 136 Resp: 63853
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 6.3 5.2 7.8
68 5.3 4.4 6.6





#8
Nitrobenzene-d5
Concen: 0.327 ng
RT: 8.886 min Scan# 613
Delta R.T. 0.000 min
Lab File: BN015683.D
Acq: 24 Jul 2021 00:35

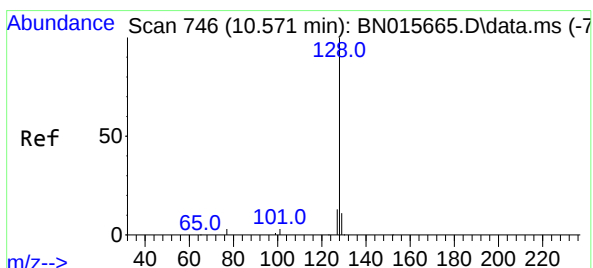
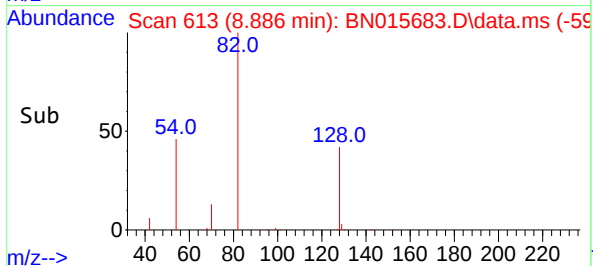
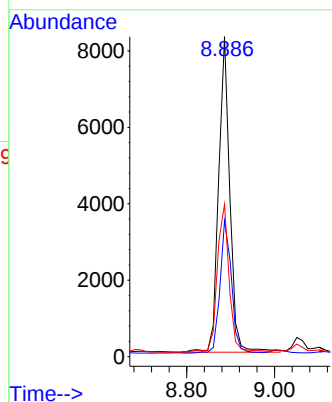
Instrument :
BNA_N
ClientSampleId :
STOCK-PILE-1



Tgt Ion: 82 Resp: 14623
Ion Ratio Lower Upper
82 100
128 42.5 31.2 46.8
54 47.6 40.2 60.4

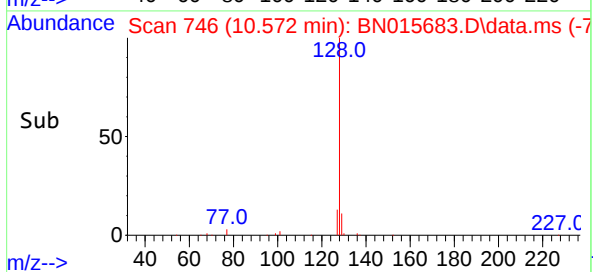
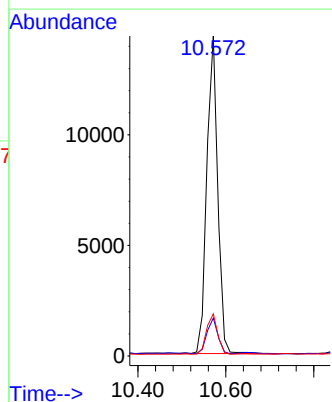
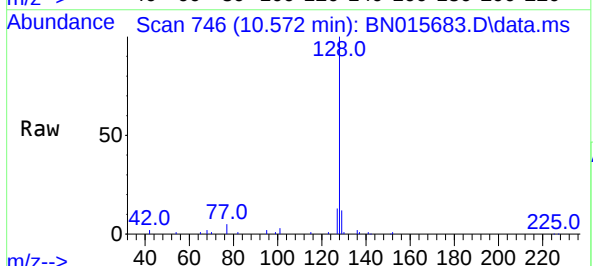
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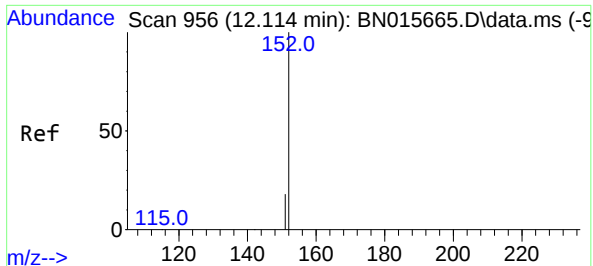
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#9
Naphthalene
Concen: 0.146 ng
RT: 10.572 min Scan# 746
Delta R.T. 0.000 min
Lab File: BN015683.D
Acq: 24 Jul 2021 00:35

Tgt Ion: 128 Resp: 24716
Ion Ratio Lower Upper
128 100
129 11.9 8.8 13.2
127 13.2 10.2 15.4





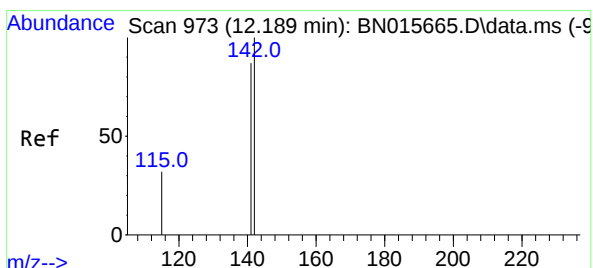
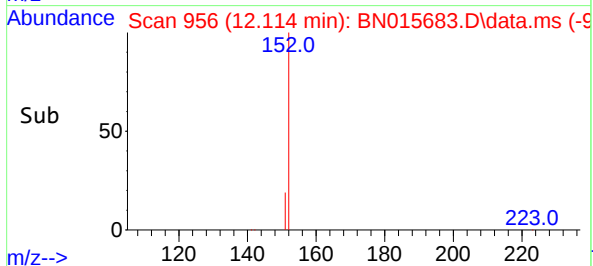
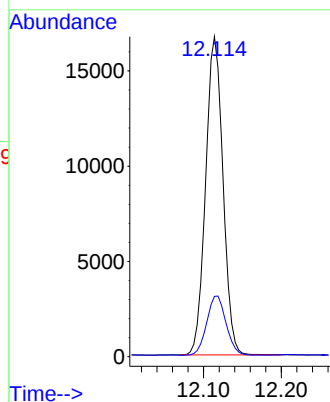
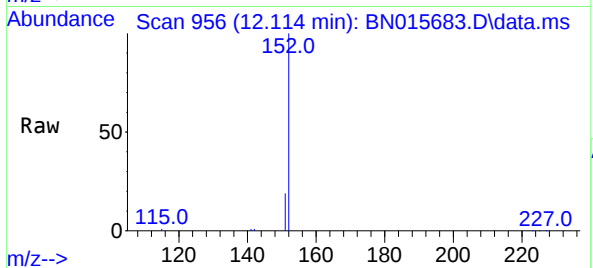
#11
2-Methylnaphthalene-d10
Concen: 0.272 ng
RT: 12.114 min Scan# 956
Delta R.T. 0.000 min
Lab File: BN015683.D
Acq: 24 Jul 2021 00:35

Tgt Ion:152 Resp: 25894
Ion Ratio Lower Upper
152 100
151 20.7 16.4 24.6

Instrument :
BNA_N
ClientSampleId :
STOCK-PILE-1

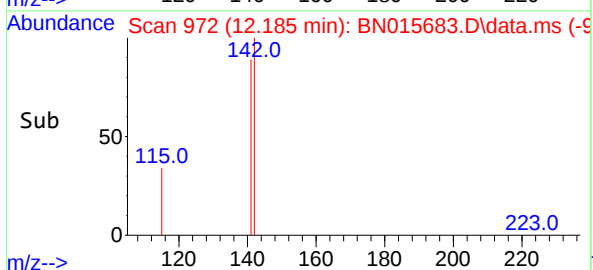
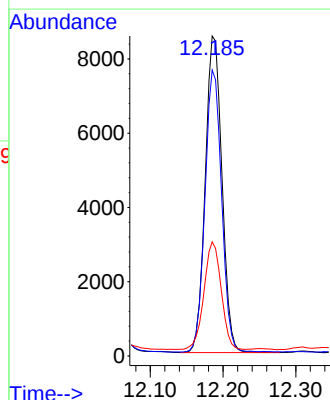
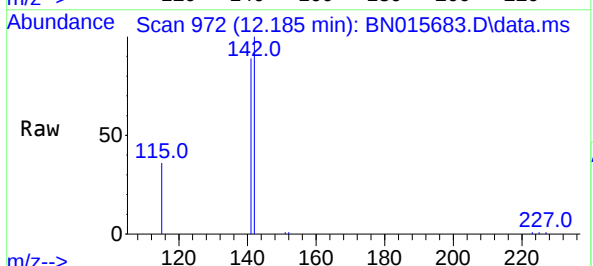
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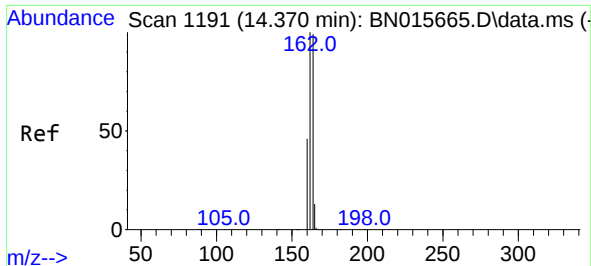
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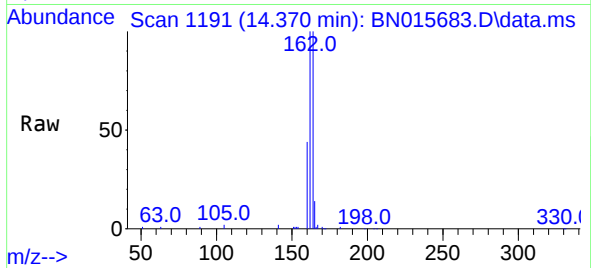
#12
2-Methylnaphthalene
Concen: 0.125 ng
RT: 12.185 min Scan# 972
Delta R.T. -0.004 min
Lab File: BN015683.D
Acq: 24 Jul 2021 00:35

Tgt Ion:142 Resp: 13625
Ion Ratio Lower Upper
142 100
141 89.4 69.5 104.3
115 35.7 26.1 39.1



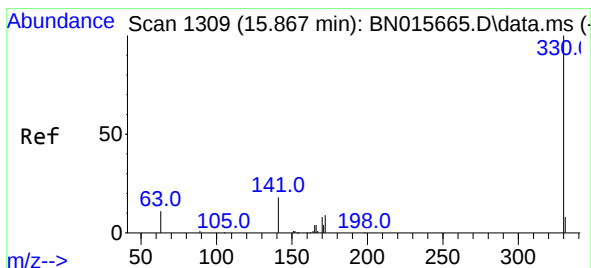
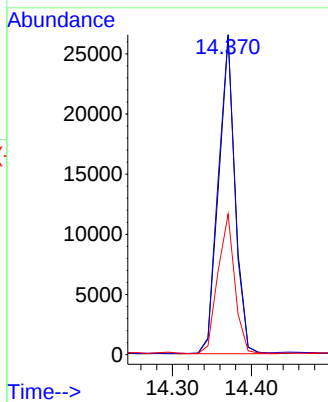
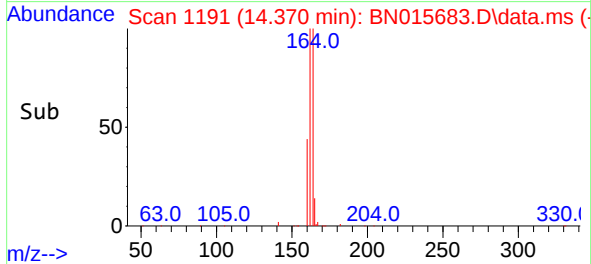


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.370 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BN015683.D
Acq: 24 Jul 2021 00:35

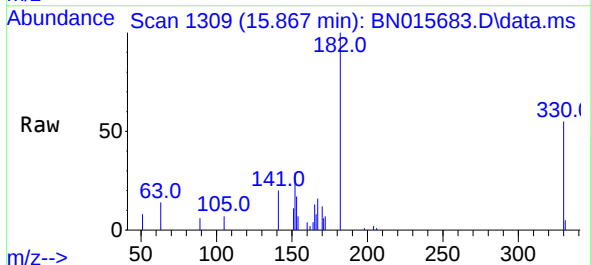


Tgt Ion:164 Resp: 38277

Ion	Ratio	Lower	Upper
164	100		
162	100.3	80.6	120.8
160	44.1	37.0	55.4

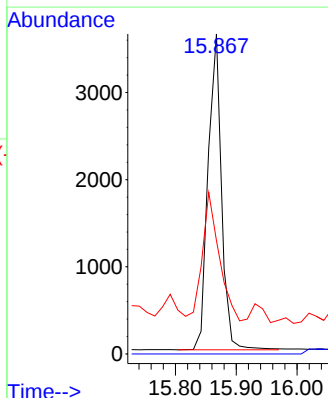
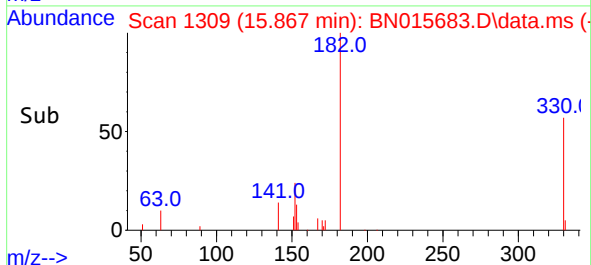


#14
2,4,6-Tribromophenol
Concen: 0.468 ng
RT: 15.867 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BN015683.D
Acq: 24 Jul 2021 00:35



Tgt Ion:330 Resp: 5574

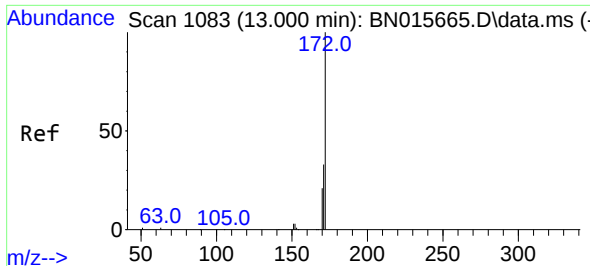
Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	51.0	28.7	43.1



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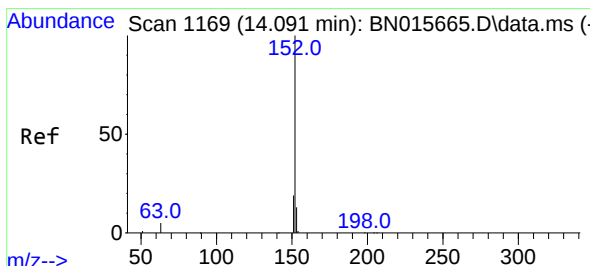
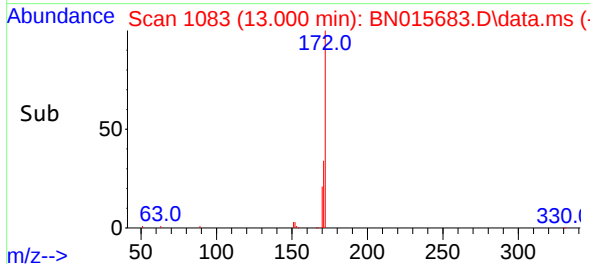
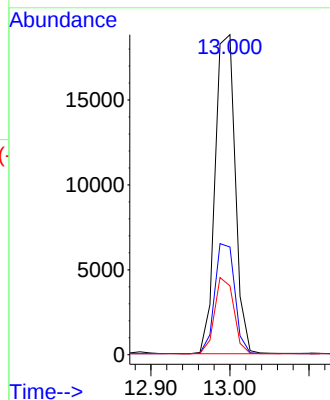
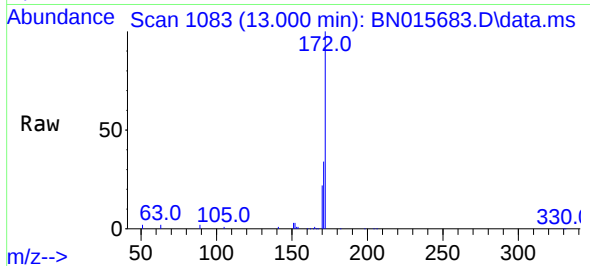
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2-Fluorobiphenyl
Concen: 0.213 ng
RT: 13.000 min Scan# 1083
Delta R.T. 0.000 min
Lab File: BN015683.D
Acq: 24 Jul 2021 00:35

Tgt Ion:172 Resp: 33208
Ion Ratio Lower Upper
172 100
171 33.7 26.6 40.0
170 21.5 17.2 25.8

Instrument :
BNA_N
ClientSampleId :
STOCK-PILE-1

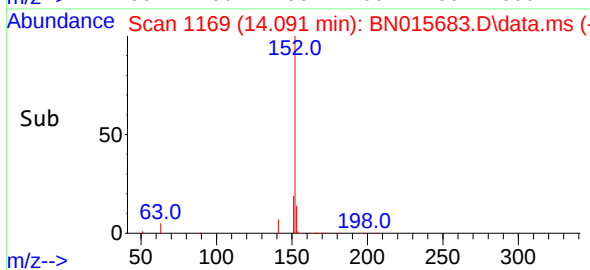
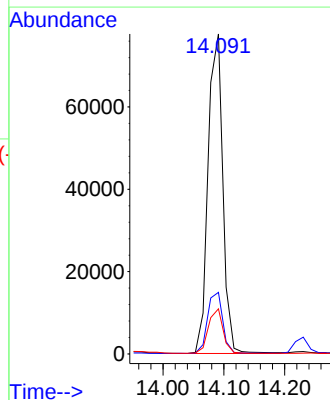
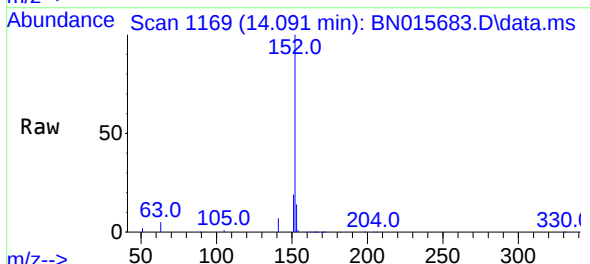
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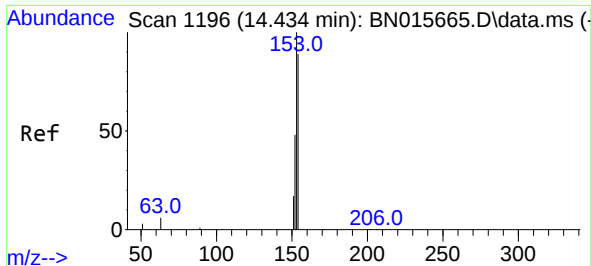
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#16
Acenaphthylene
Concen: 0.821 ng
RT: 14.091 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BN015683.D
Acq: 24 Jul 2021 00:35

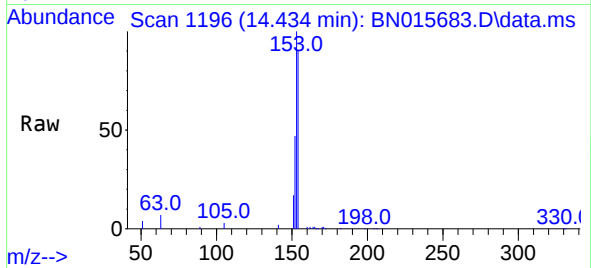
Tgt Ion:152 Resp: 131283
Ion Ratio Lower Upper
152 100
151 19.8 15.4 23.2
153 13.9 10.3 15.5





#17
Acenaphthene
Concen: 0.259 ng
RT: 14.434 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BN015683.D
Acq: 24 Jul 2021 00:35

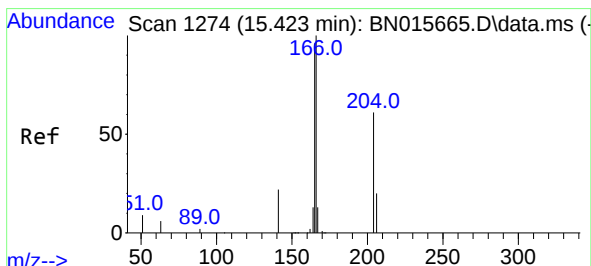
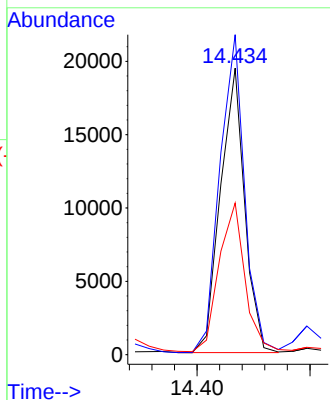
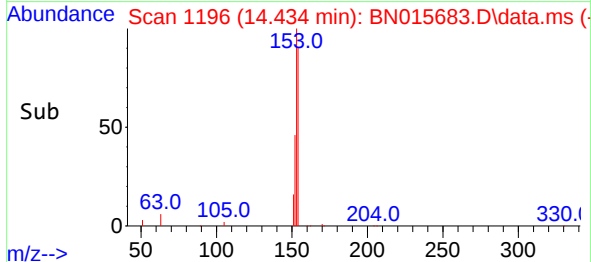
Instrument :
BNA_N
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STOCK-PILE-1



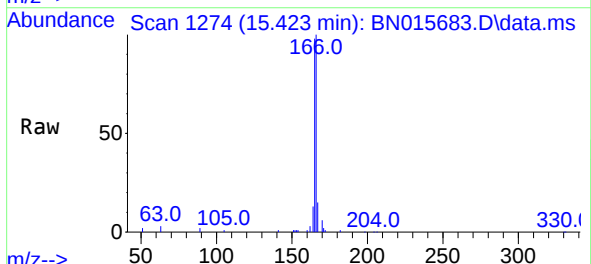
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Ion Ratio Lower Upper
154 100
153 114.7 90.6 136.0
152 56.2 44.6 67.0

Manual Integrations
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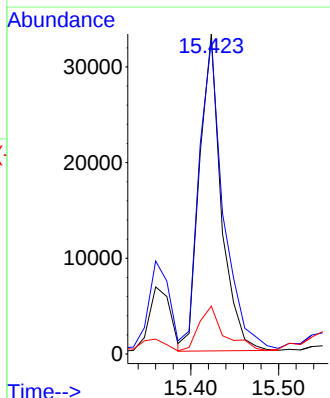
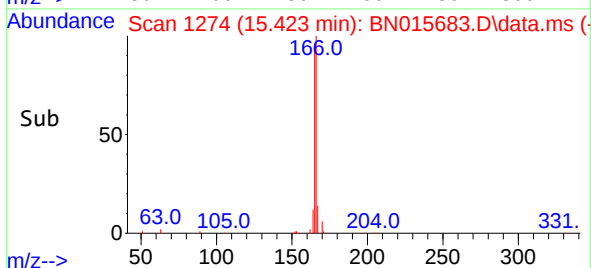
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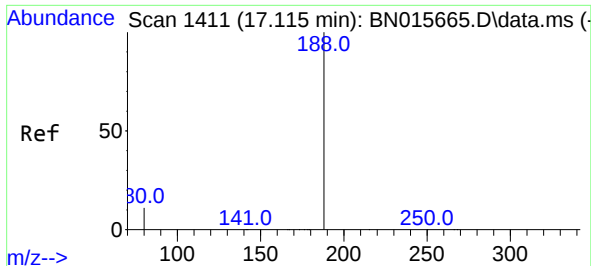


#18
Fluorene
Concen: 0.430 ng
RT: 15.423 min Scan# 1274
Delta R.T. 0.000 min
Lab File: BN015683.D
Acq: 24 Jul 2021 00:35

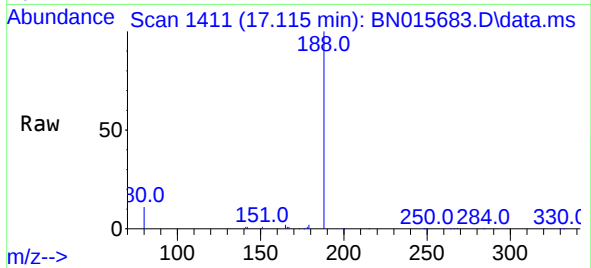


Tgt Ion:166 Resp: 56951
Ion Ratio Lower Upper
166 100
165 108.4 78.3 117.5
167 16.5 10.8 16.2#

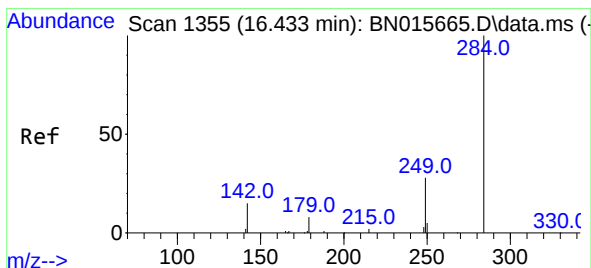
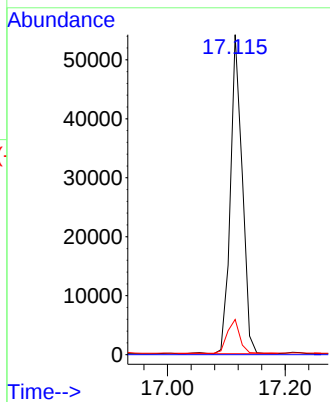
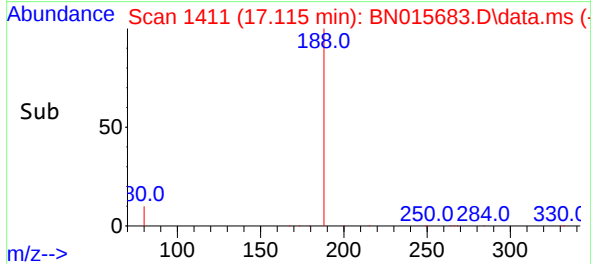




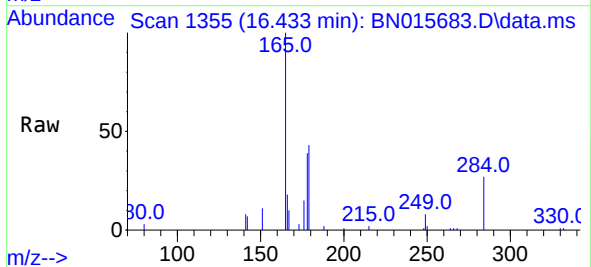
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.115 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BN015683.D
Acq: 24 Jul 2021 00:35



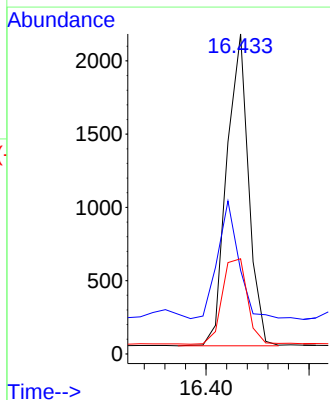
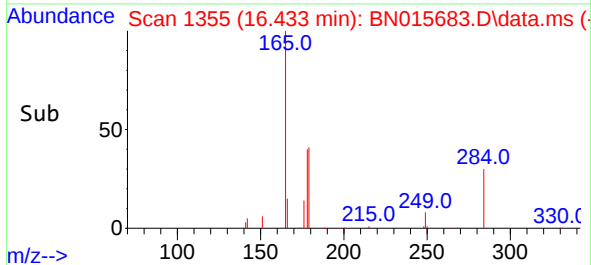
Tgt Ion:188 Resp: 75830
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.0 9.2 13.8



#22
Hexachlorobenzene
Concen: 0.062 ng
RT: 16.433 min Scan# 1355
Delta R.T. 0.000 min
Lab File: BN015683.D
Acq: 24 Jul 2021 00:35



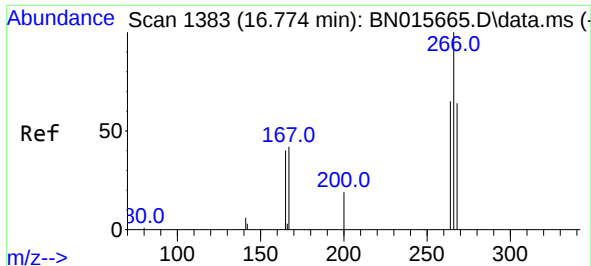
Tgt Ion:284 Resp: 3126
Ion Ratio Lower Upper
284 100
142 36.5 27.5 41.3
249 31.7 25.0 37.6



Instrument :
BNA_N
ClientSampleId :
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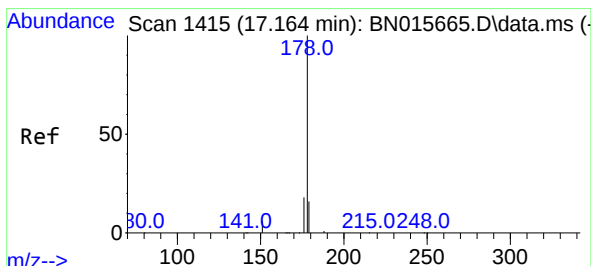
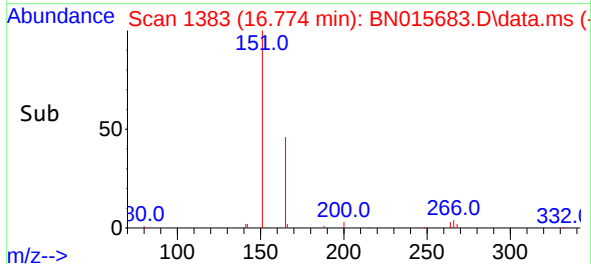
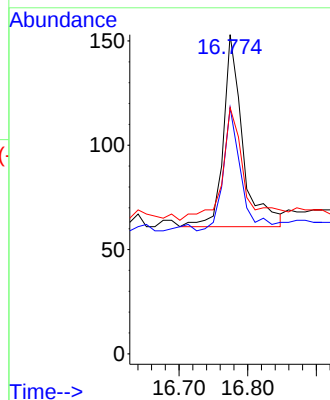
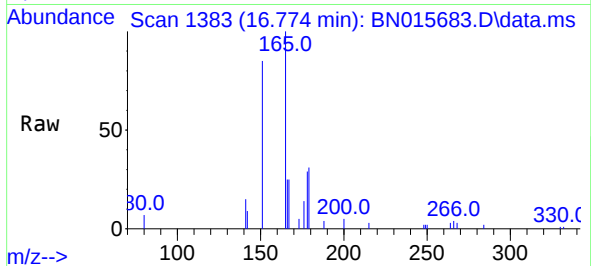
#24
Pentachlorophenol
Concen: 0.156 ng
RT: 16.774 min Scan# 1383
Delta R.T. 0.000 min
Lab File: BN015683.D
Acq: 24 Jul 2021 00:35

Tgt Ion:	266	Resp:	180
Ion	Ratio	Lower	Upper
266	100		
264	60.0	51.0	76.4
268	66.7	51.8	77.8

Instrument :
BNA_N
ClientSampleId :
STOCK-PILE-1

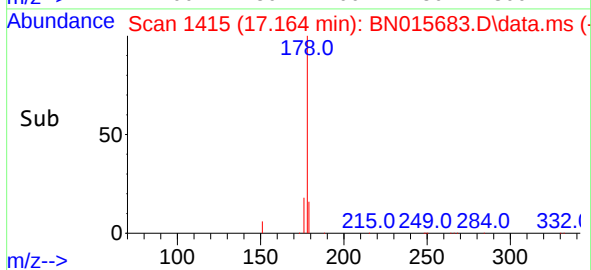
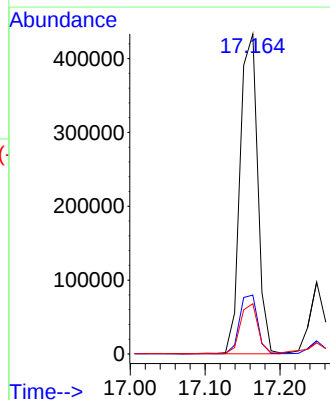
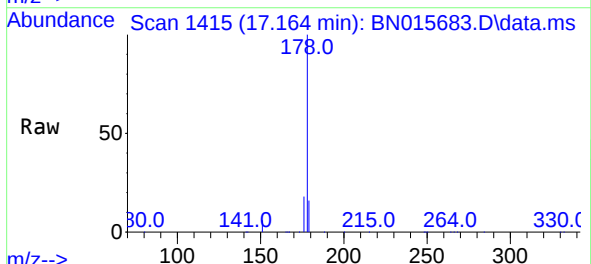
Manual Integrations
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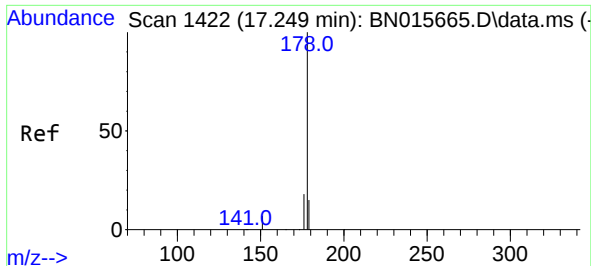
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#25
Phenanthrene
Concen: 3.093 ng
RT: 17.164 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BN015683.D
Acq: 24 Jul 2021 00:35

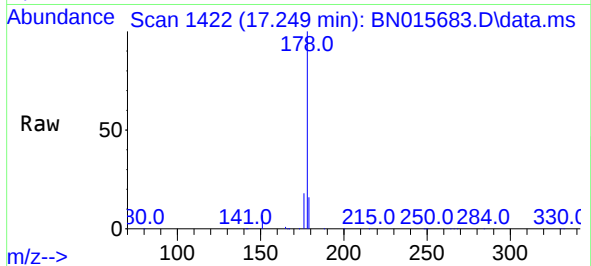
Tgt Ion:	178	Resp:	707828
Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.6
179	15.7	12.4	18.6





#26
 Anthracene
 Concen: 0.684 ng
 RT: 17.249 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: BN015683.D
 Acq: 24 Jul 2021 00:35

Instrument :
 BNA_N
 ClientSampleId :
 STOCK-PILE-1

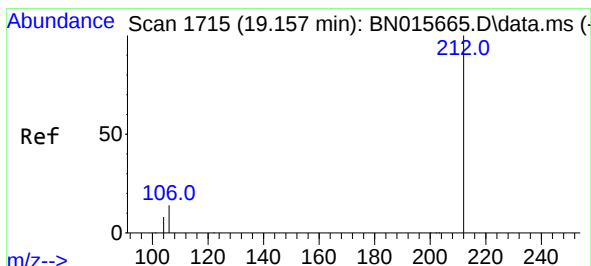
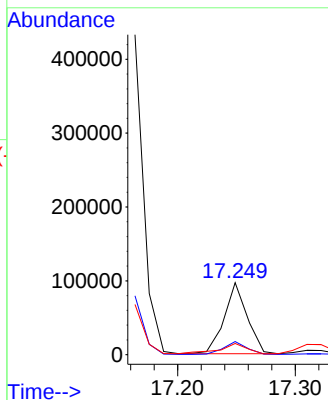
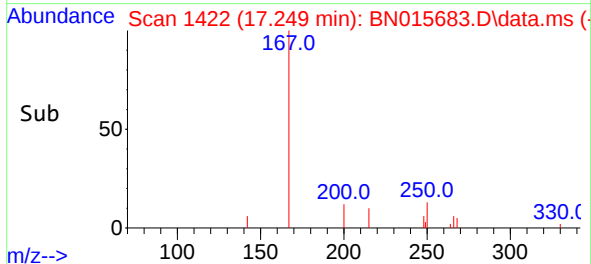


Tgt Ion:178 Resp: 130071

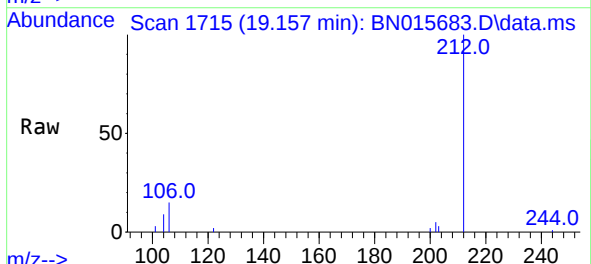
Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.6	21.8
179	17.3	12.2	18.2

Manual Integrations
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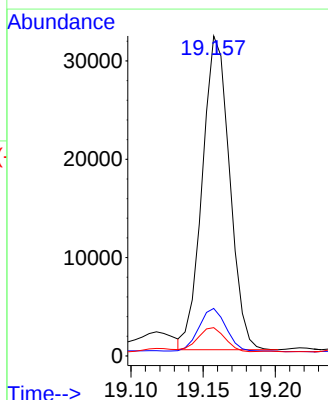
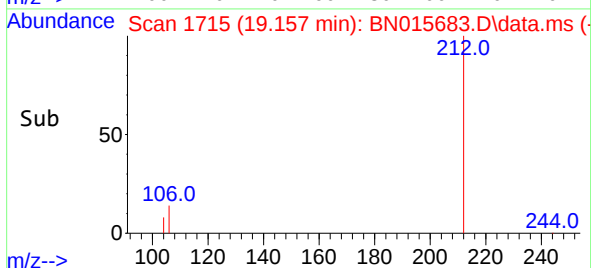


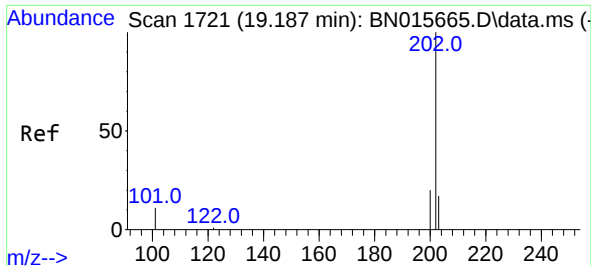
#27
 Fluoranthene-d10
 Concen: 0.208 ng
 RT: 19.157 min Scan# 1715
 Delta R.T. 0.000 min
 Lab File: BN015683.D
 Acq: 24 Jul 2021 00:35



Tgt Ion:212 Resp: 42009

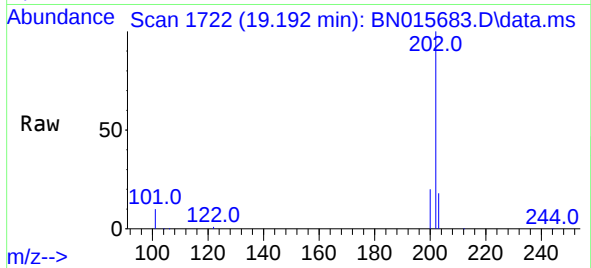
Ion	Ratio	Lower	Upper
212	100		
106	14.1	11.5	17.3
104	7.7	6.2	9.4





#28
Fluoranthene
Concen: 4.244 ng
RT: 19.192 min Scan# 1722
Delta R.T. 0.005 min
Lab File: BN015683.D
Acq: 24 Jul 2021 00:35

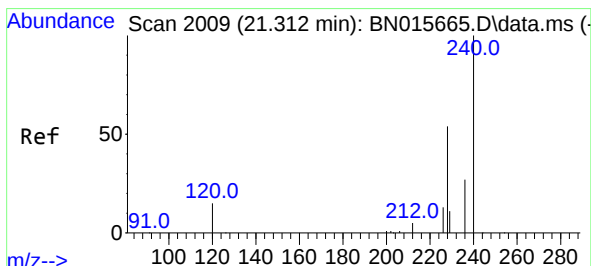
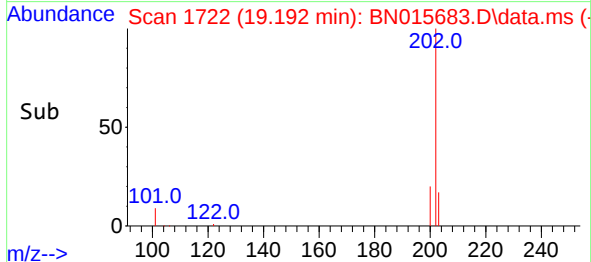
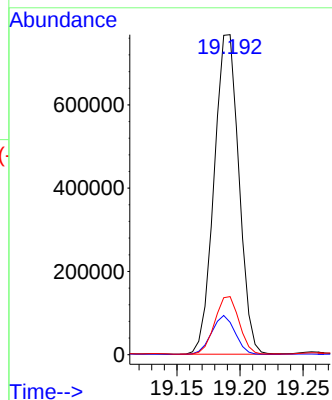
Instrument :
BNA_N
ClientSampleId :
STOCK-PILE-1



Tgt Ion:202 Resp: 1048312
Ion Ratio Lower Upper
202 100
101 11.6 9.5 14.3
203 17.8 13.8 20.6

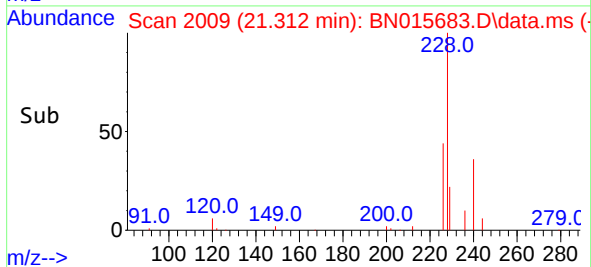
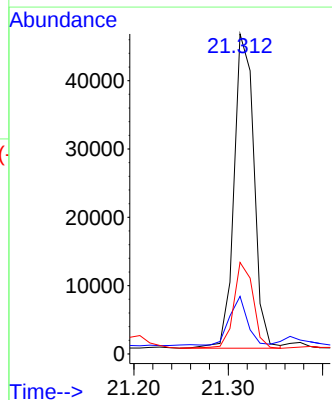
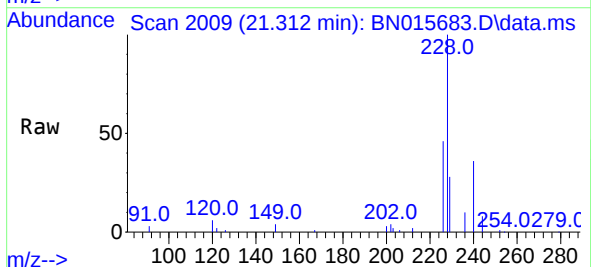
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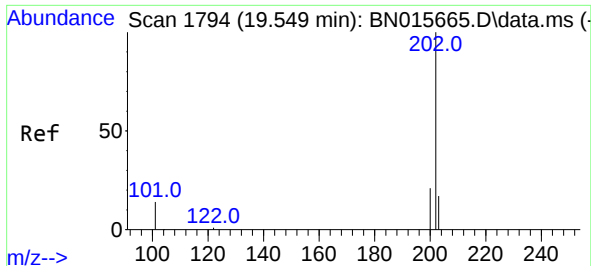
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#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.312 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BN015683.D
Acq: 24 Jul 2021 00:35

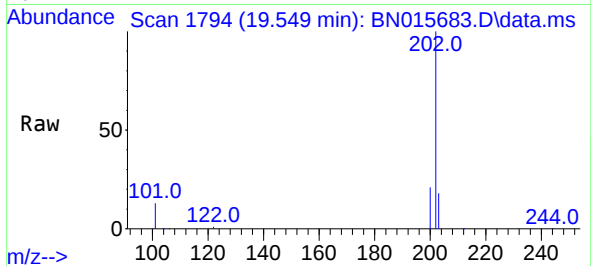
Tgt Ion:240 Resp: 67161
Ion Ratio Lower Upper
240 100
120 18.0 12.2 18.4
236 28.6 21.5 32.3





#30
Pyrene
Concen: 4.642 ng
RT: 19.549 min Scan# 1794
Delta R.T. 0.000 min
Lab File: BN015683.D
Acq: 24 Jul 2021 00:35

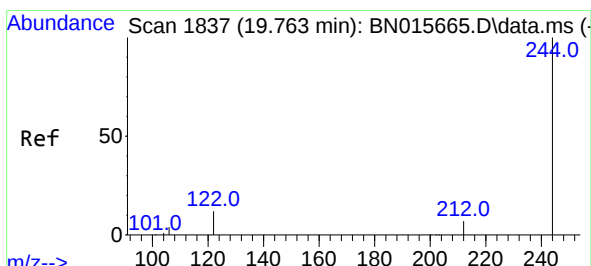
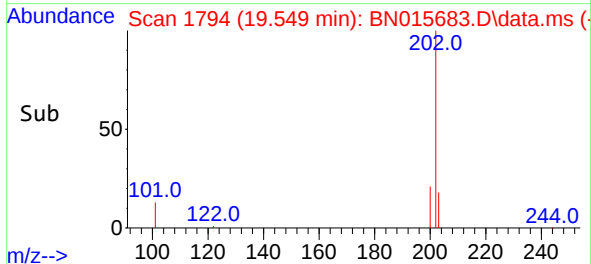
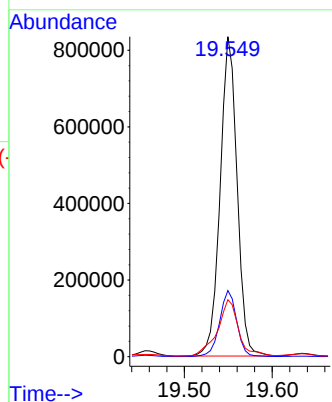
Instrument :
BNA_N
ClientSampleId :
STOCK-PILE-1



Tgt Ion:202 Resp: 1119770
Ion Ratio Lower Upper
202 100
200 20.7 16.4 24.6
203 21.8 13.9 20.9#

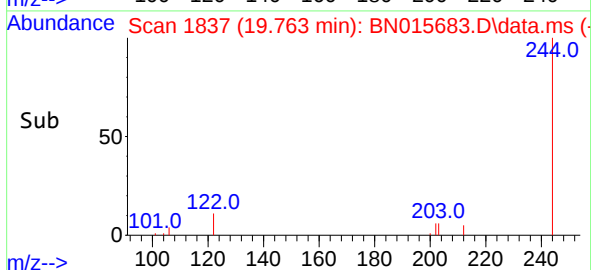
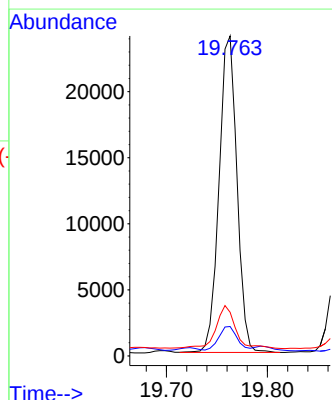
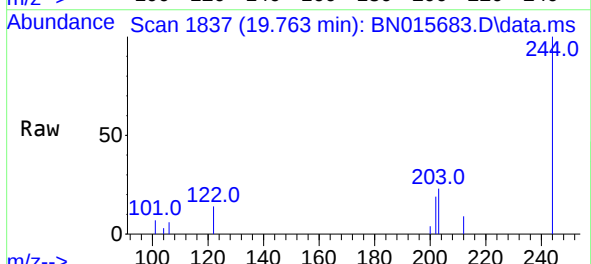
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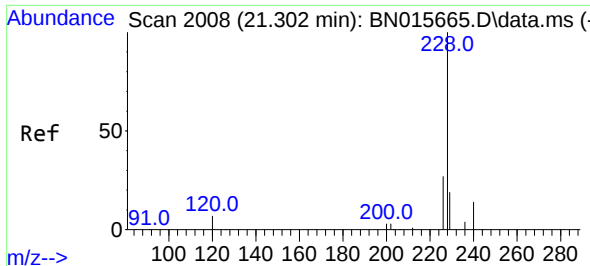
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#31
Terphenyl-d14
Concen: 0.184 ng
RT: 19.763 min Scan# 1837
Delta R.T. 0.000 min
Lab File: BN015683.D
Acq: 24 Jul 2021 00:35

Tgt Ion:244 Resp: 29488
Ion Ratio Lower Upper
244 100
212 9.2 6.1 9.1#
122 13.7 10.1 15.1





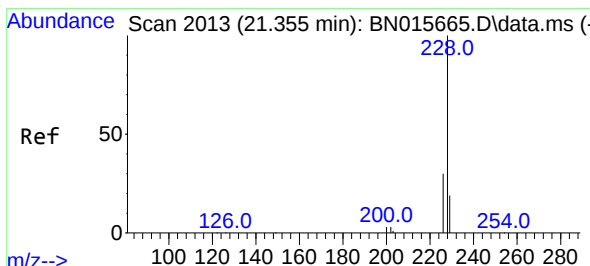
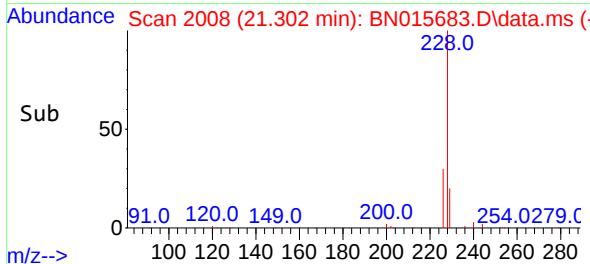
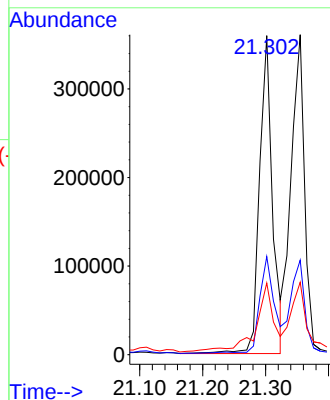
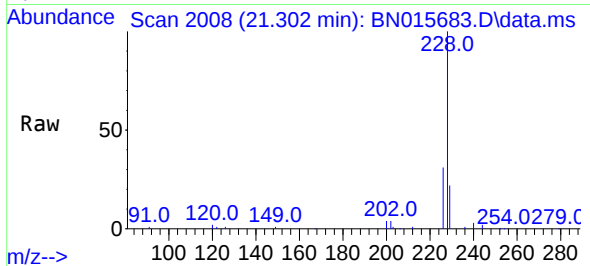
#32
Benzo(a)anthracene
Concen: 2.446 ng
RT: 21.302 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BN015683.D
Acq: 24 Jul 2021 00:35

Tgt Ion:228 Resp: 514923
Ion Ratio Lower Upper
228 100
226 30.7 21.4 32.0
229 22.5 15.5 23.3

Instrument :
BNA_N
ClientSampleId :
STOCK-PILE-1

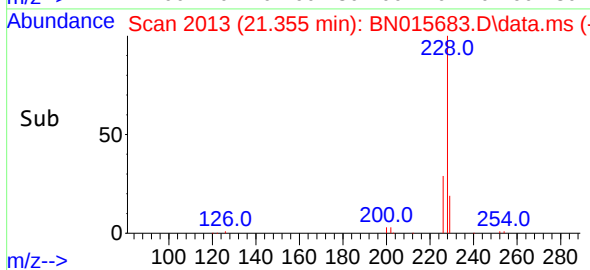
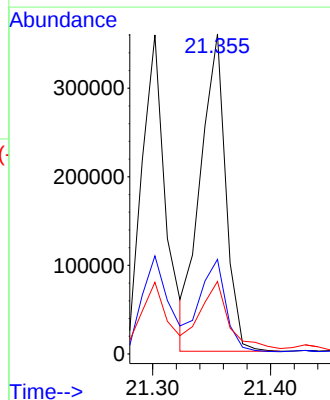
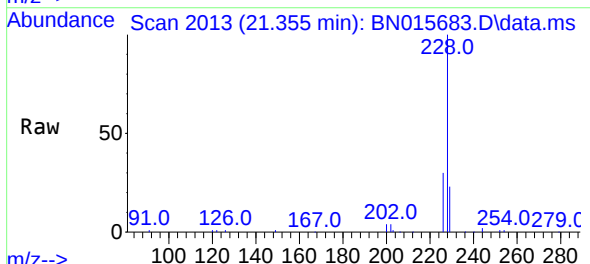
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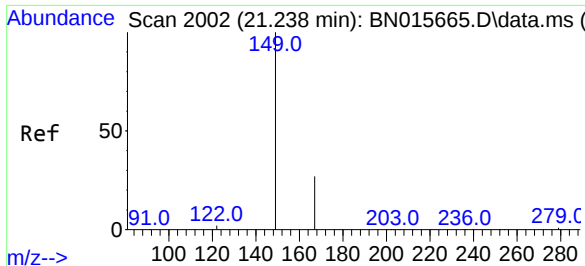
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#33
Chrysene
Concen: 2.277 ng
RT: 21.355 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BN015683.D
Acq: 24 Jul 2021 00:35

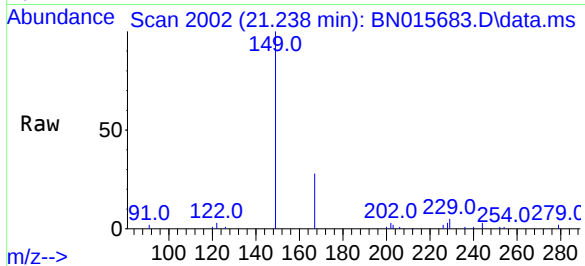
Tgt Ion:228 Resp: 530845
Ion Ratio Lower Upper
228 100
226 29.5 23.5 35.3
229 22.6 15.6 23.4





#34
Bis(2-ethylhexyl)phthalate
Concen: 1.571 ng
RT: 21.238 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BN015683.D
Acq: 24 Jul 2021 00:35

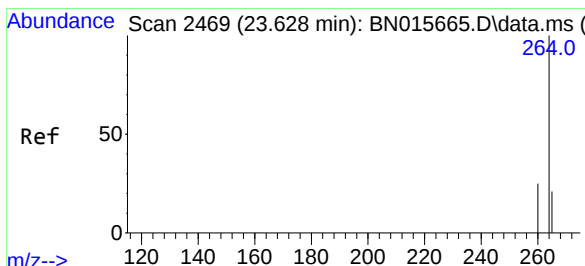
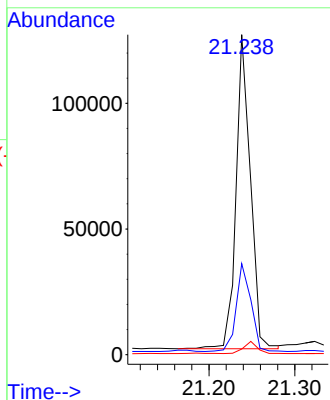
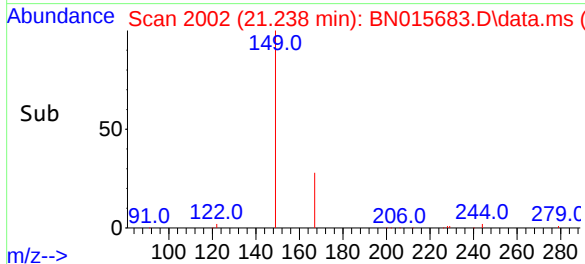
Instrument :
BNA_N
ClientSampleId :
STOCK-PILE-1



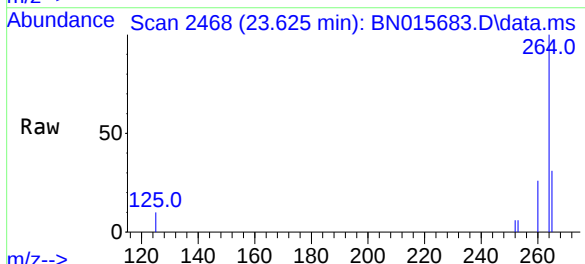
Tgt Ion:149 Resp: 144928
Ion Ratio Lower Upper
149 100
167 28.5 22.2 33.4
279 3.6 2.8 4.2

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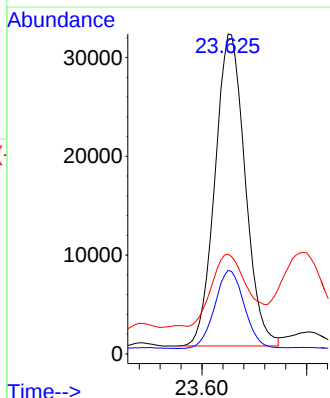
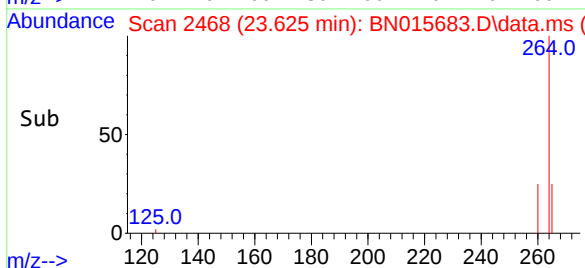
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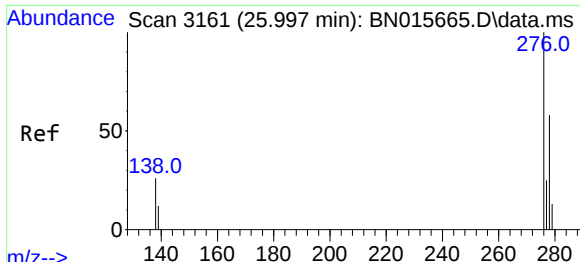


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.625 min Scan# 2468
Delta R.T. -0.003 min
Lab File: BN015683.D
Acq: 24 Jul 2021 00:35



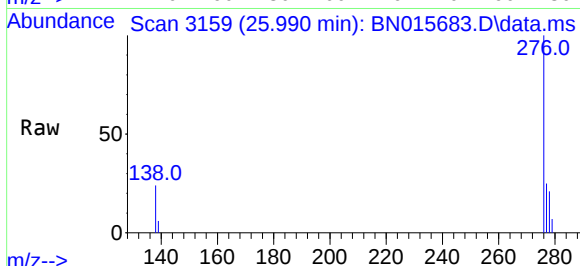
Tgt Ion:264 Resp: 63000
Ion Ratio Lower Upper
264 100
260 26.1 19.8 29.8
265 31.2 20.0 30.0#





#36
Indeno(1,2,3-cd)pyrene
Concen: 0.780 ng
RT: 25.990 min Scan# 3159
Delta R.T. -0.007 min
Lab File: BN015683.D
Acq: 24 Jul 2021 00:35

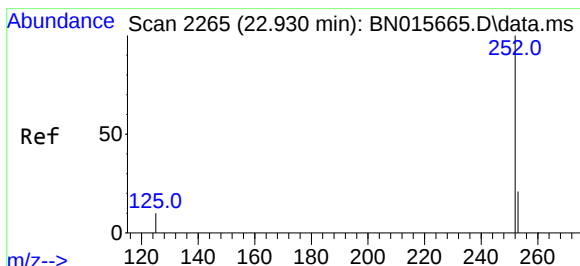
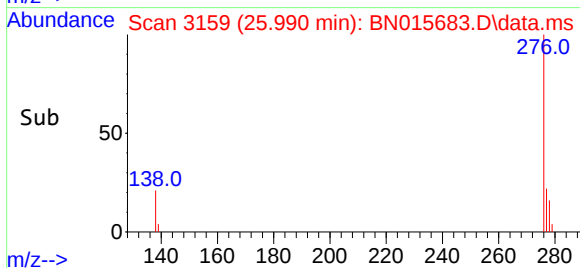
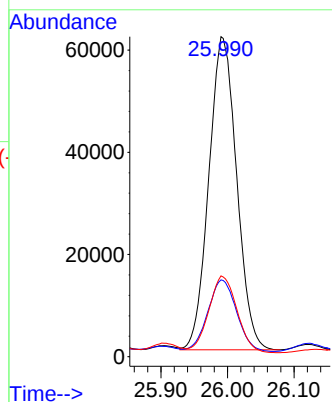
Instrument :
BNA_N
ClientSampleId :
STOCK-PILE-1



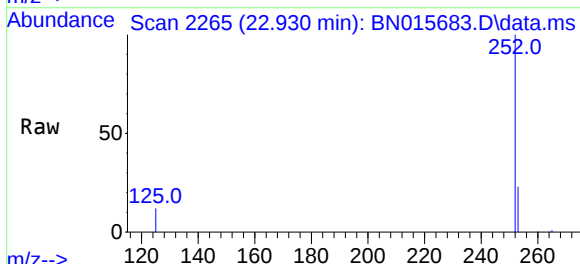
Tgt Ion:276 Resp: 177982
Ion Ratio Lower Upper
276 100
138 23.7 21.8 32.6
277 24.9 19.9 29.9

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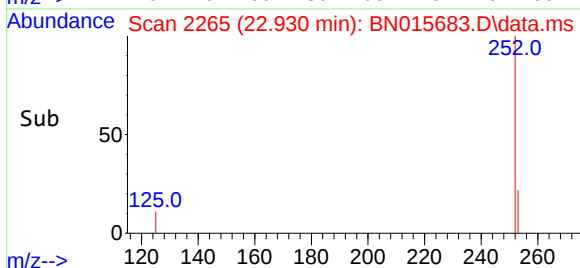
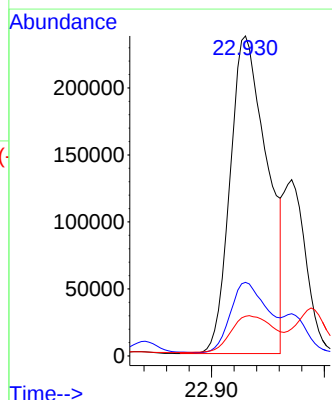
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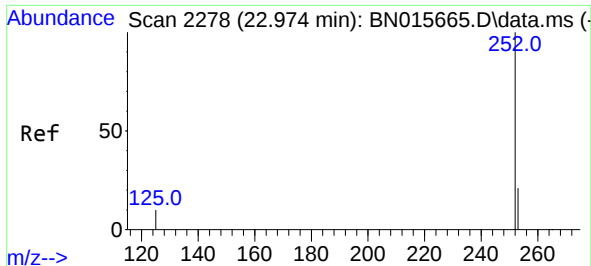


#37
Benzo(b)fluoranthene
Concen: 2.291 ng
RT: 22.930 min Scan# 2265
Delta R.T. 0.000 min
Lab File: BN015683.D
Acq: 24 Jul 2021 00:35

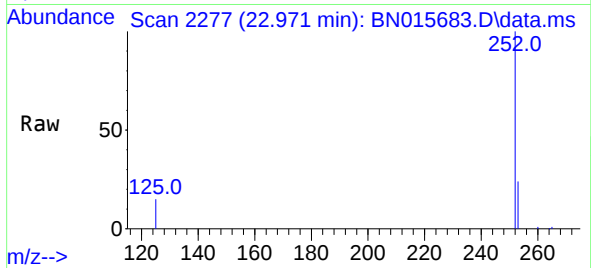


Tgt Ion:252 Resp: 542711
Ion Ratio Lower Upper
252 100
253 23.0 17.6 26.4
125 12.4 8.8 13.2

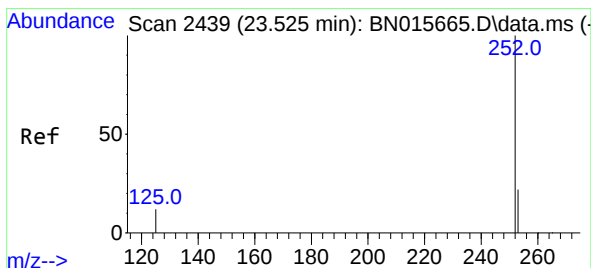
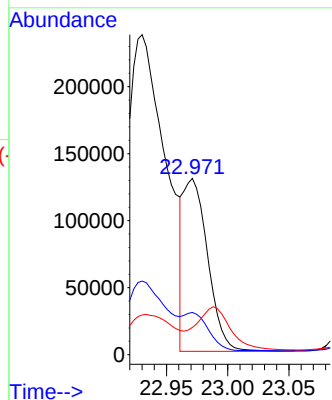




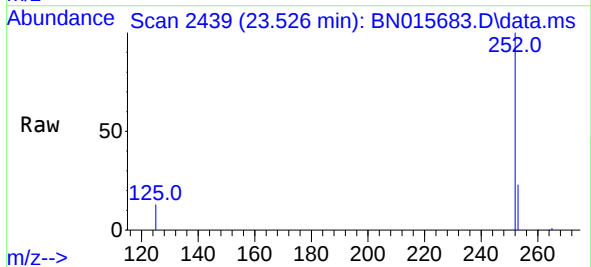
#38
Benzo(k)fluoranthene
Concen: 0.751 ng m
RT: 22.971 min Scan# 2277
Delta R.T. -0.003 min
Lab File: BN015683.D
Acq: 24 Jul 2021 00:35



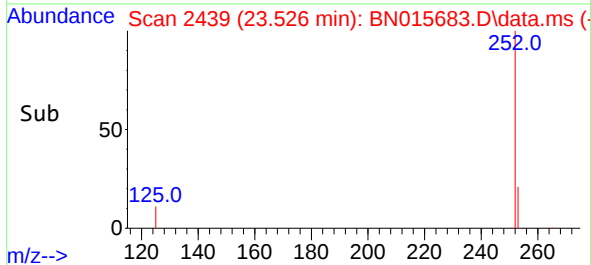
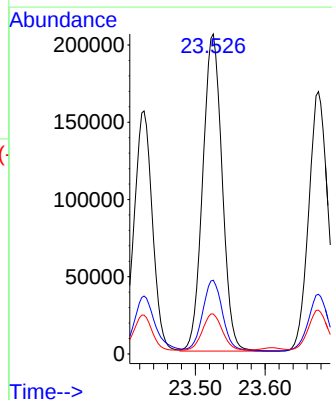
Tgt Ion:252 Resp: 178088
Ion Ratio Lower Upper
252 100
253 23.9 17.5 26.3
125 15.4 8.8 13.2#



#39
Benzo(a)pyrene
Concen: 2.061 ng
RT: 23.526 min Scan# 2439
Delta R.T. 0.000 min
Lab File: BN015683.D
Acq: 24 Jul 2021 00:35



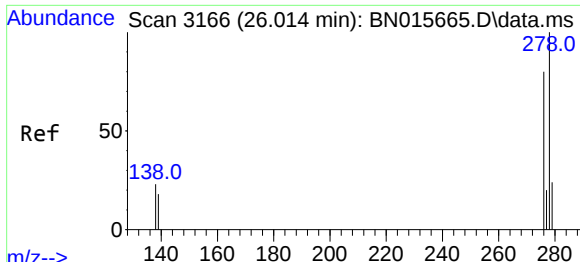
Tgt Ion:252 Resp: 395641
Ion Ratio Lower Upper
252 100
253 23.0 18.0 27.0
125 12.5 10.4 15.6



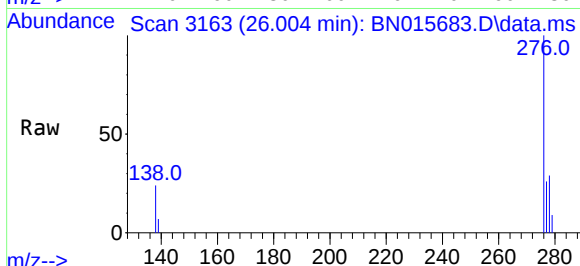
Instrument :
BNA_N
ClientSampleId :
STOCK-PILE-1

Manual Integrations
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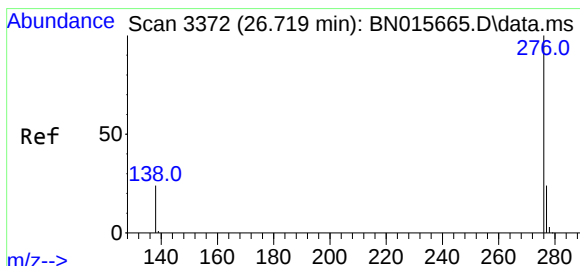
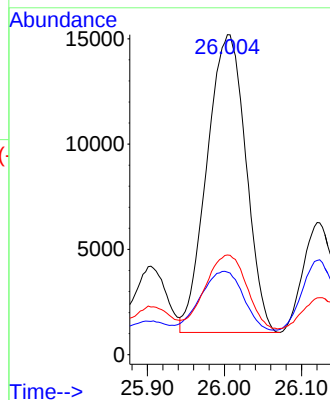
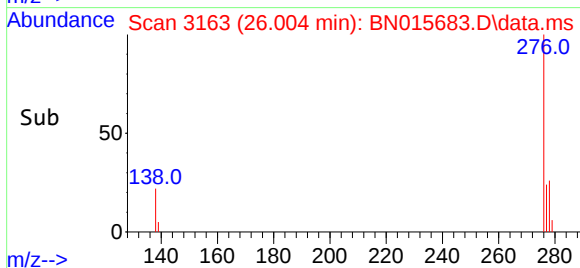
mohammad
7/26/2021 1:28:30 PM



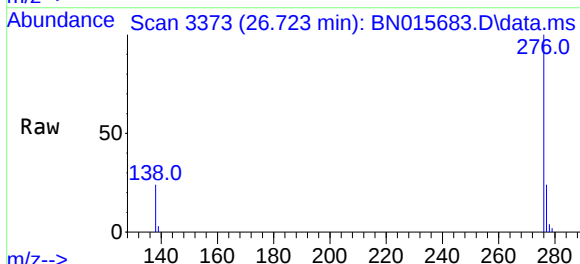
#40
Dibenzo(a,h)anthracene
Concen: 0.277 ng
RT: 26.004 min Scan# 3163
Delta R.T. -0.010 min
Lab File: BN015683.D
Acq: 24 Jul 2021 00:35



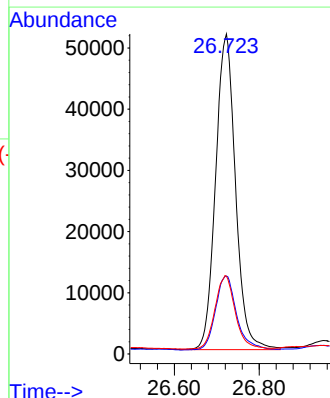
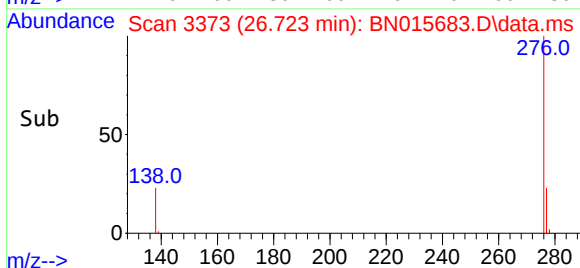
Tgt Ion:278 Resp: 49664
Ion Ratio Lower Upper
278 100
139 25.8 14.6 22.0#
279 31.1 19.3 28.9#



#41
Benzo(g,h,i)perylene
Concen: 0.804 ng
RT: 26.723 min Scan# 3373
Delta R.T. 0.004 min
Lab File: BN015683.D
Acq: 24 Jul 2021 00:35



Tgt Ion:276 Resp: 167964
Ion Ratio Lower Upper
276 100
277 24.3 19.1 28.7
138 24.3 19.1 28.7



Instrument :
BNA_N
ClientSampleId :
STOCK-PILE-1

Manual Integrations
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