

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072421\
 Data File : BN015680.D
 Acq On : 23 Jul 2021 22:45
 Operator : CG/JU
 Sample : M3143-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 STOCK-PILE-2

Manual Integrations
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Quant Time: Jul 24 00:22:03 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	13469	0.400	ng	0.00
7) Naphthalene-d8	10.521	136	64117	0.400	ng	0.00
13) Acenaphthene-d10	14.370	164	36660	0.400	ng	0.00
19) Phenanthrene-d10	17.115	188	74111	0.400	ng	0.00
29) Chrysene-d12	21.312	240	69520	0.400	ng	0.00
35) Perylene-d12	23.628	264	71188	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.356	112	12807	0.395	ng	0.00
5) Phenol-d6	6.923	99	15022	0.395	ng	0.00
8) Nitrobenzene-d5	8.886	82	16494	0.367	ng	0.00
11) 2-Methylnaphthalene-d10	12.114	152	34893	0.365	ng	0.00
14) 2,4,6-Tribromophenol	15.867	330	5935	0.520	ng	0.00
15) 2-Fluorobiphenyl	13.000	172	47017	0.315	ng	0.00
27) Fluoranthene-d10	19.157	212	70277	0.355	ng	0.00
31) Terphenyl-d14	19.758	244	53916	0.326	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.572	128	25414	0.149	ng	99
12) 2-Methylnaphthalene	12.190	142	15879	0.145	ng	100
16) Acenaphthylene	14.091	152	132790	0.867	ng	99
17) Acenaphthene	14.434	154	50925	0.478	ng	99
18) Fluorene	15.423	166	74463	0.586	ng	94
24) Pentachlorophenol	16.774	266	139	0.153	ng	93
25) Phenanthrene	17.164	178	1066207	4.767	ng	100
26) Anthracene	17.249	178	208698	1.123	ng	98
28) Fluoranthene	19.187	202	1778515	7.367	ng	99
30) Pyrene	19.549	202	1722034	6.897	ng	# 94
32) Benzo(a)anthracene	21.302	228	824808	3.786	ng	95
33) Chrysene	21.355	228	843243	3.494	ng	97
34) Bis(2-ethylhexyl)phtha...	21.238	149	59647	0.768	ng	98
36) Indeno(1,2,3-cd)pyrene	25.994	276	423022	1.640	ng	96
37) Benzo(b)fluoranthene	22.933	252	1013110	3.784	ng	98
38) Benzo(k)fluoranthene	22.975	252	354326m	1.322	ng	
39) Benzo(a)pyrene	23.526	252	754615	3.479	ng	99
40) Dibenzo(a,h)anthracene	26.007	278	106878	0.527	ng	# 91
41) Benzo(g,h,i)perylene	26.726	276	421683	1.786	ng	99

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

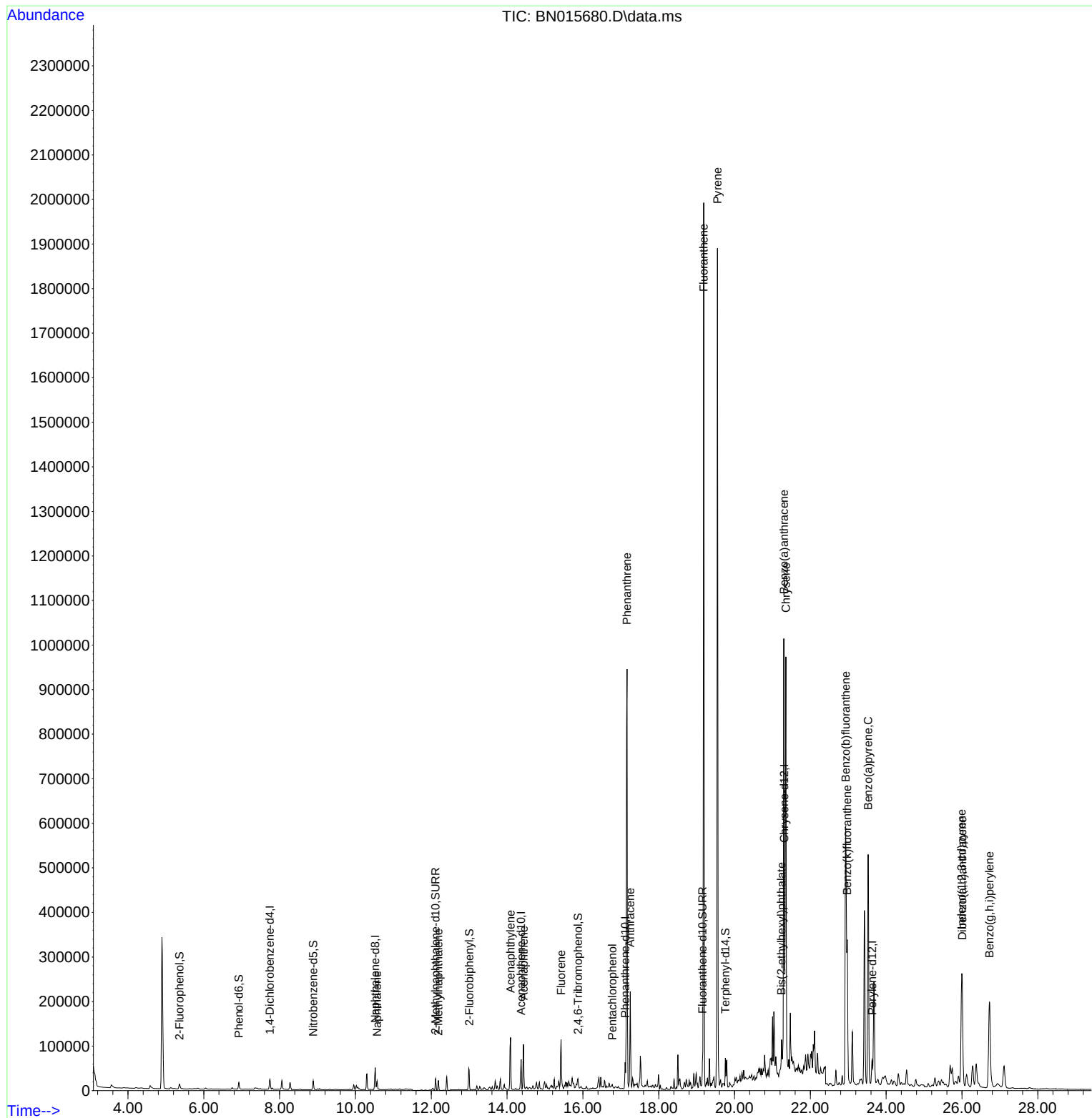
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072421\
Data File : BN015680.D
Acq On : 23 Jul 2021 22:45
Operator : CG/JU
Sample : M3143-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

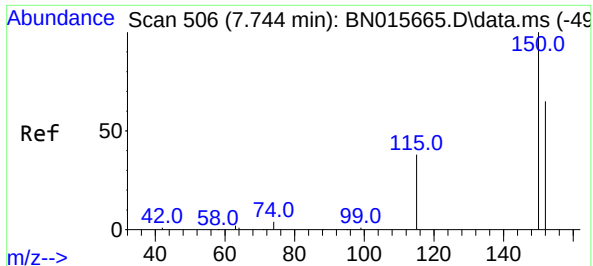
Instrument :
BNA_N
ClientSampleId :
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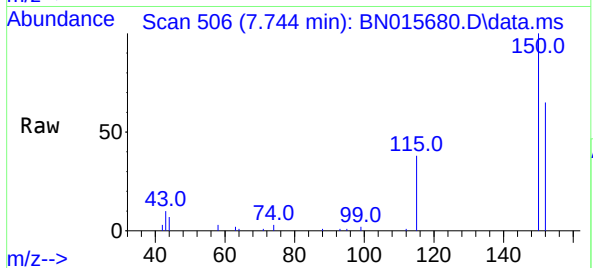
Quant Time: Jul 24 00:22:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN072421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 23 14:45:01 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.744 min Scan# 506
Delta R.T. -0.000 min
Lab File: BN015680.D
Acq: 23 Jul 2021 22:45

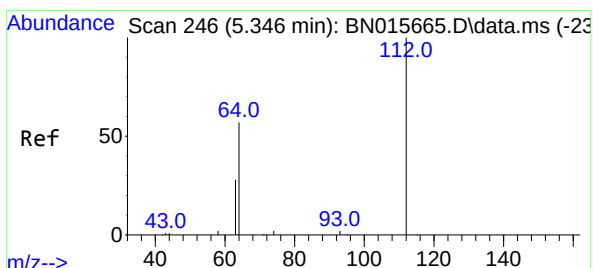
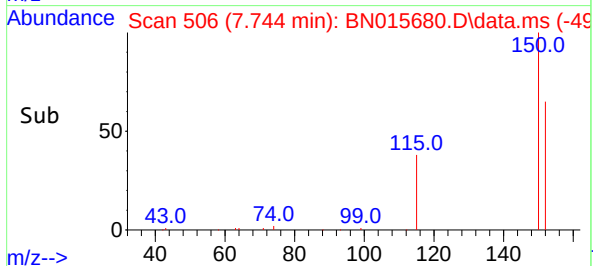
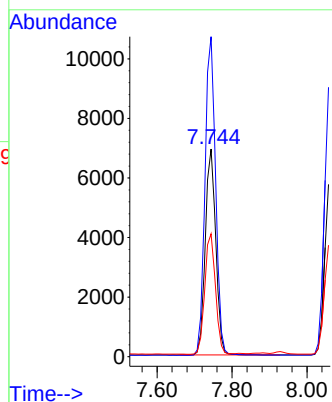
Instrument :
BNA_N
ClientSampleId :
STOCK-PILE-2



Tgt Ion:152 Resp: 13469
Ion Ratio Lower Upper
152 100
150 154.1 123.4 185.0
115 59.2 47.2 70.8

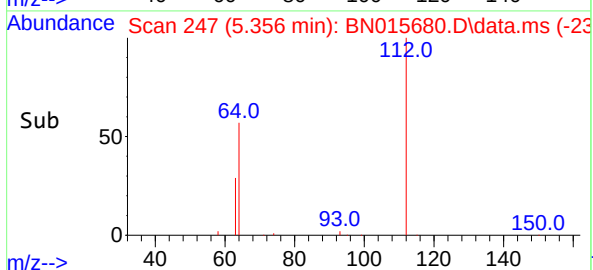
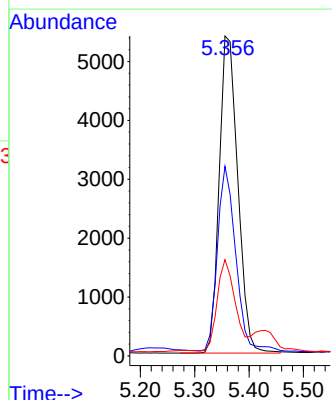
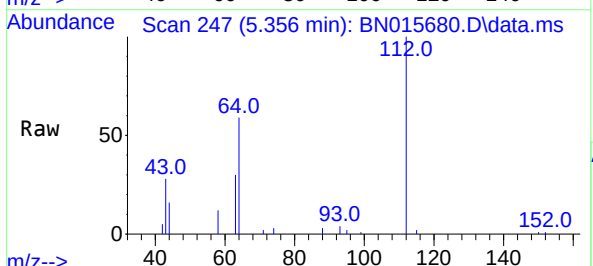
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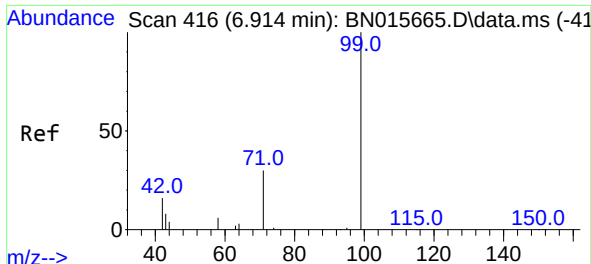
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#4
2-Fluorophenol
Concen: 0.395 ng
RT: 5.356 min Scan# 247
Delta R.T. 0.009 min
Lab File: BN015680.D
Acq: 23 Jul 2021 22:45

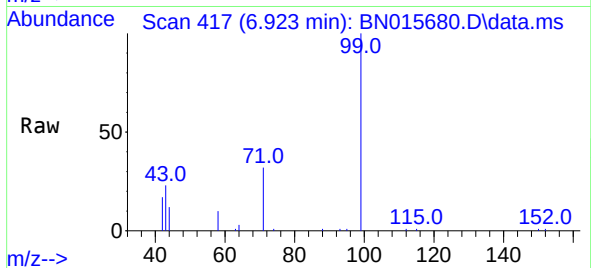
Tgt Ion:112 Resp: 12807
Ion Ratio Lower Upper
112 100
64 56.7 44.9 67.3
63 28.4 22.6 33.8





#5
Phenol-d6
Concen: 0.395 ng
RT: 6.923 min Scan# 417
Delta R.T. 0.009 min
Lab File: BN015680.D
Acq: 23 Jul 2021 22:45

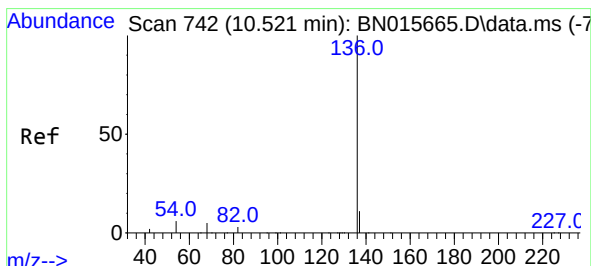
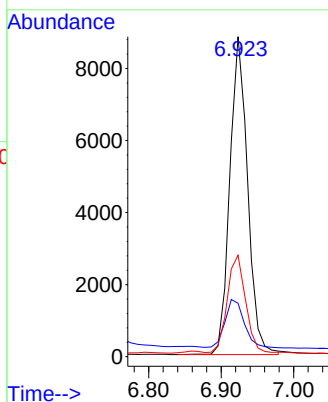
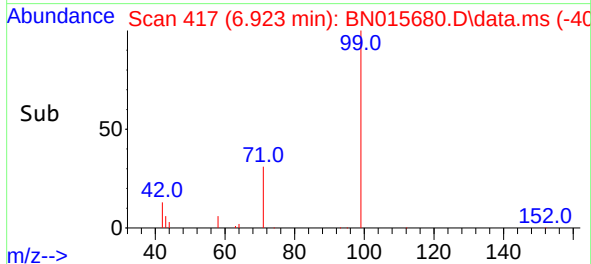
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ClientSampleId :
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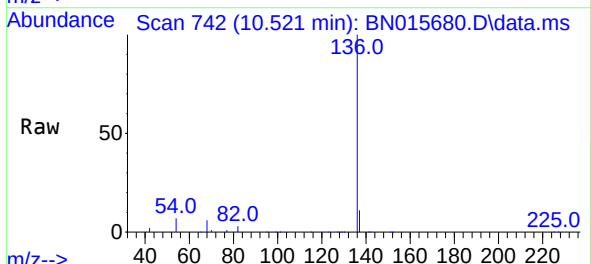
Tgt Ion: 99 Resp: 15022
Ion Ratio Lower Upper
99 100
42 16.4 13.8 20.6
71 31.4 24.2 36.2

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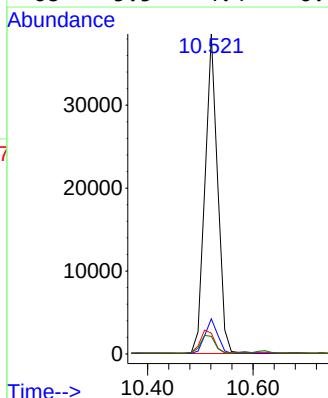
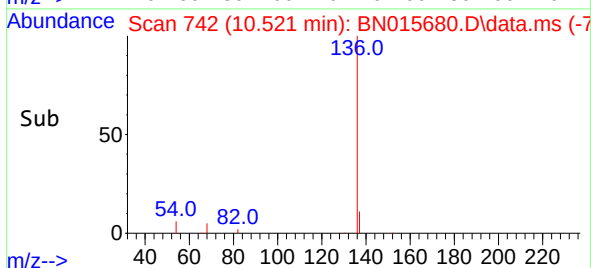
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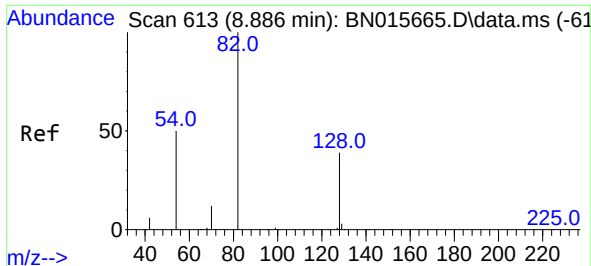


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.521 min Scan# 742
Delta R.T. 0.000 min
Lab File: BN015680.D
Acq: 23 Jul 2021 22:45



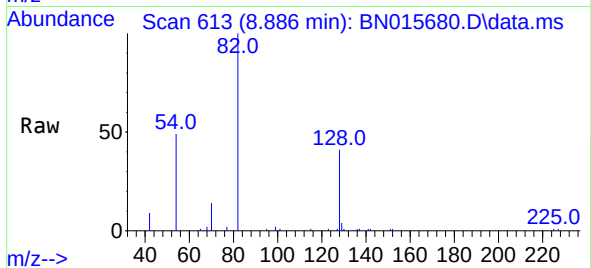
Tgt Ion: 136 Resp: 64117
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 6.5 5.2 7.8
68 5.5 4.4 6.6





#8
Nitrobenzene-d5
Concen: 0.367 ng
RT: 8.886 min Scan# 613
Delta R.T. 0.000 min
Lab File: BN015680.D
Acq: 23 Jul 2021 22:45

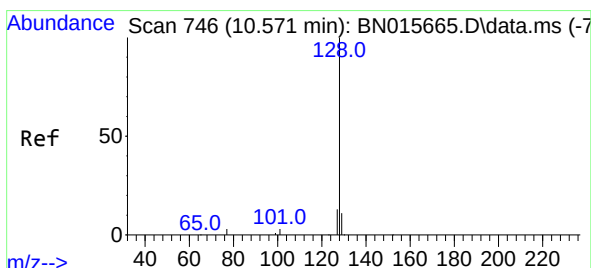
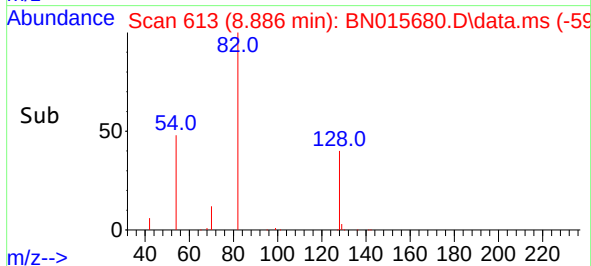
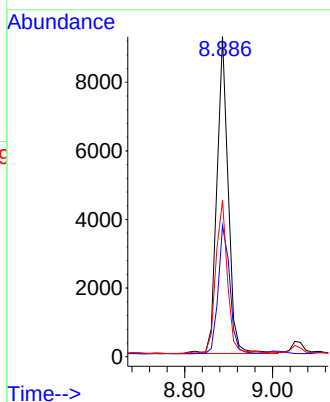
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion: 82 Resp: 16494
Ion Ratio Lower Upper
82 100
128 40.9 31.2 46.8
54 48.8 40.2 60.4

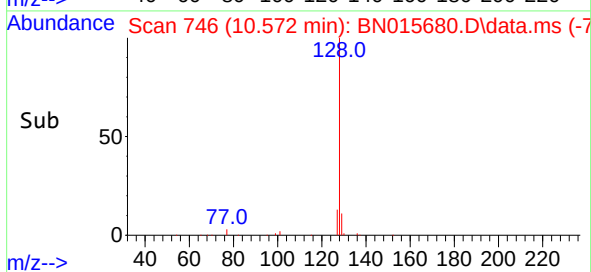
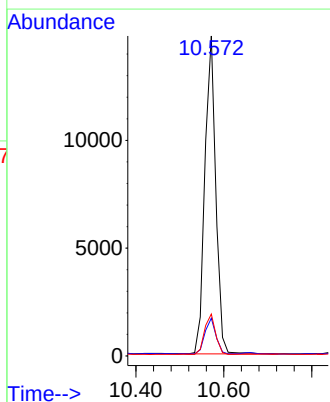
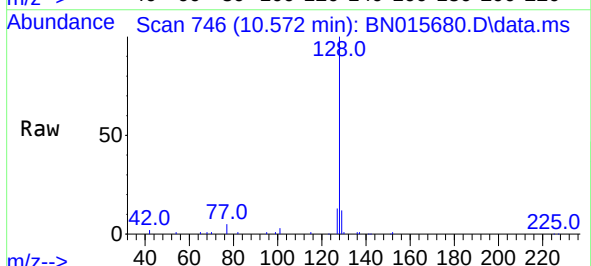
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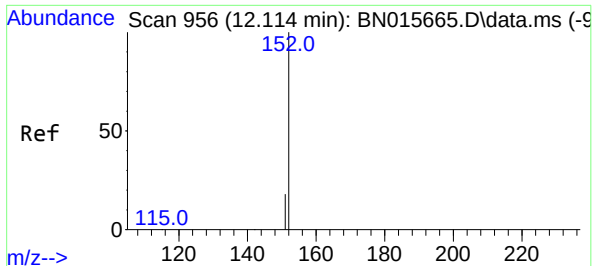
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#9
Naphthalene
Concen: 0.149 ng
RT: 10.572 min Scan# 746
Delta R.T. 0.000 min
Lab File: BN015680.D
Acq: 23 Jul 2021 22:45

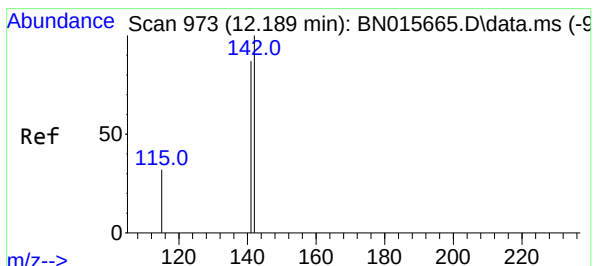
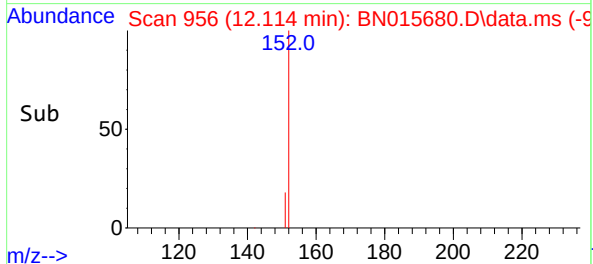
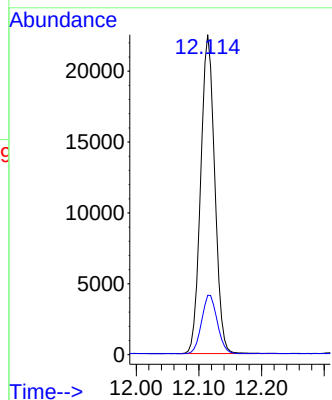
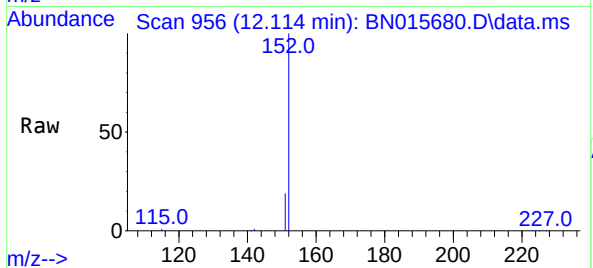
Tgt Ion: 128 Resp: 25414
Ion Ratio Lower Upper
128 100
129 11.8 8.8 13.2
127 13.1 10.2 15.4





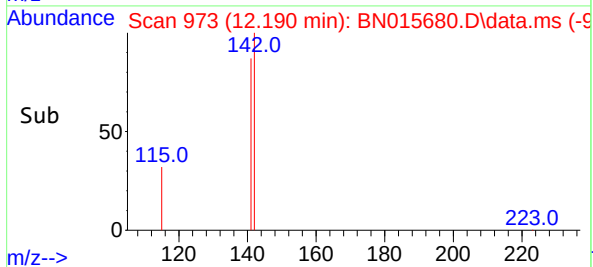
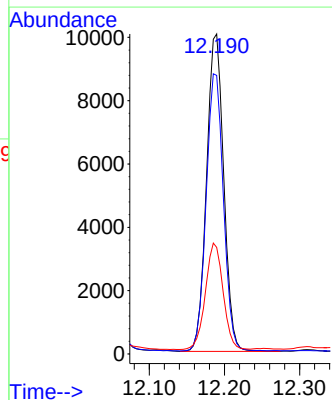
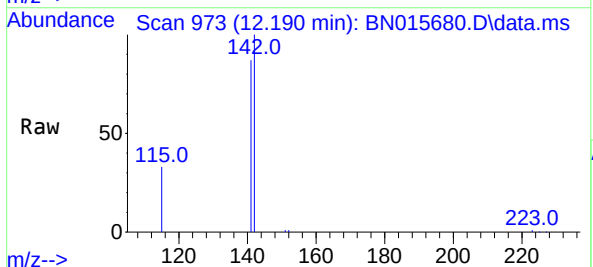
#11
2-Methylnaphthalene-d10
Concen: 0.365 ng
RT: 12.114 min Scan# 956
Delta R.T. 0.000 min
Lab File: BN015680.D
Acq: 23 Jul 2021 22:45

Tgt Ion:152 Resp: 34893
Ion Ratio Lower Upper
152 100
151 20.5 16.4 24.6



#12
2-Methylnaphthalene
Concen: 0.145 ng
RT: 12.190 min Scan# 973
Delta R.T. 0.000 min
Lab File: BN015680.D
Acq: 23 Jul 2021 22:45

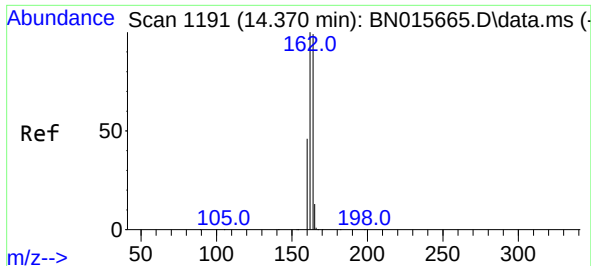
Tgt Ion:142 Resp: 15879
Ion Ratio Lower Upper
142 100
141 87.0 69.5 104.3
115 33.3 26.1 39.1



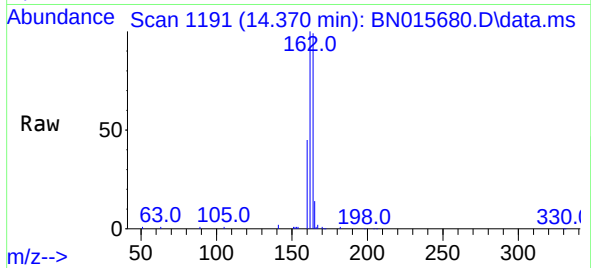
Instrument :
BNA_N
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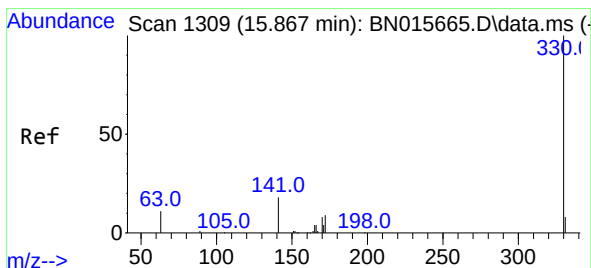
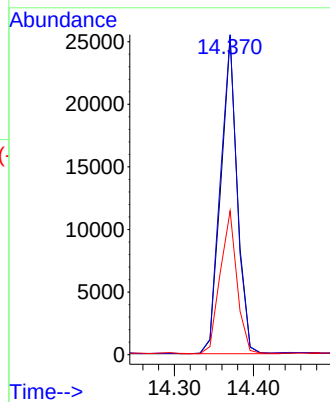
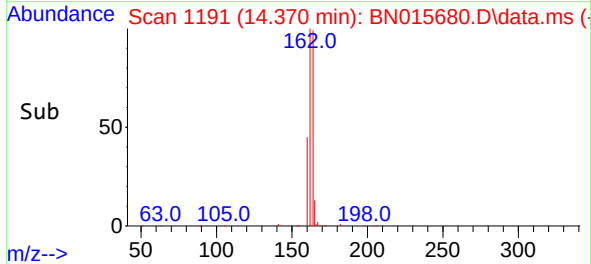
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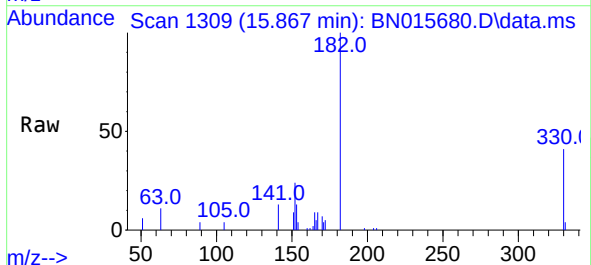
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.370 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BN015680.D
Acq: 23 Jul 2021 22:45



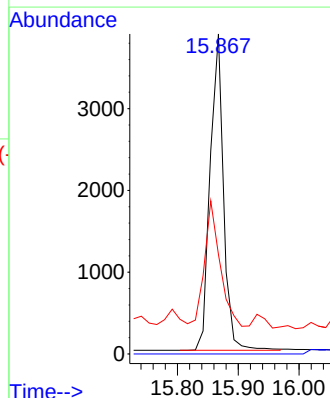
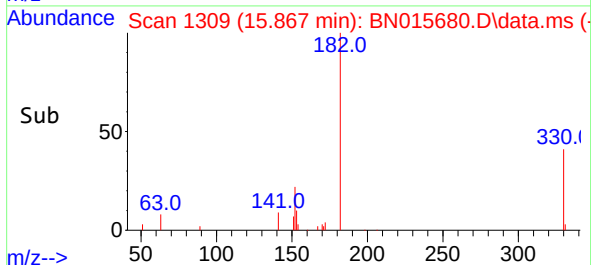
Tgt Ion:164 Resp: 36660
Ion Ratio Lower Upper
164 100
162 100.6 80.6 120.8
160 45.2 37.0 55.4



#14
2,4,6-Tribromophenol
Concen: 0.520 ng
RT: 15.867 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BN015680.D
Acq: 23 Jul 2021 22:45



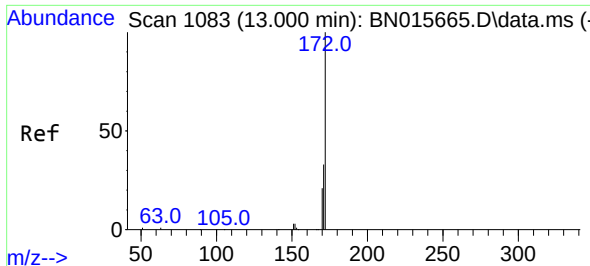
Tgt Ion:330 Resp: 5935
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 45.8 28.7 43.1#



Instrument :
BNA_N
ClientSampleId :
STOCK-PILE-2

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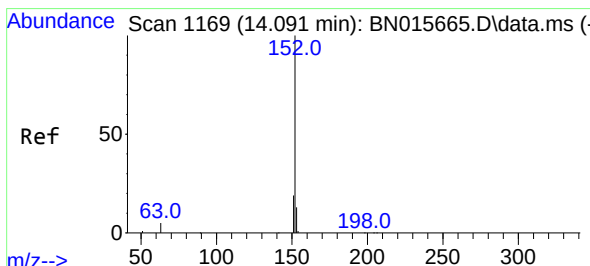
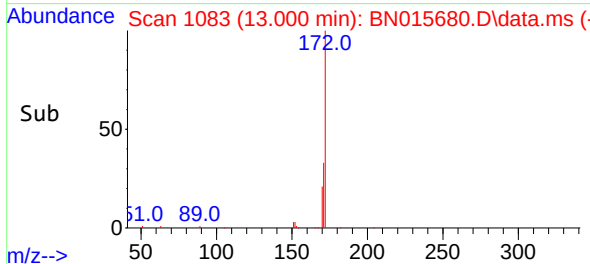
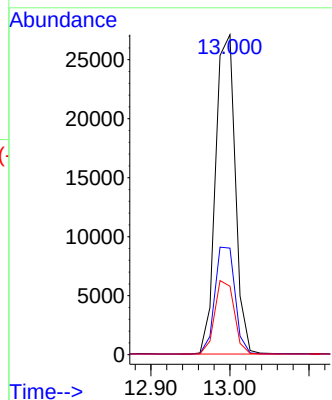
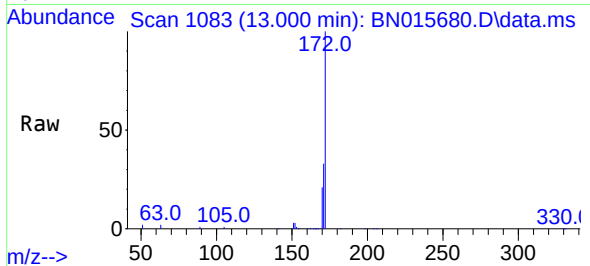
#15
2-Fluorobiphenyl
Concen: 0.315 ng
RT: 13.000 min Scan# 1083
Delta R.T. 0.000 min
Lab File: BN015680.D
Acq: 23 Jul 2021 22:45

Tgt Ion:172 Resp: 47017
Ion Ratio Lower Upper
172 100
171 33.3 26.6 40.0
170 21.4 17.2 25.8

Instrument :
BNA_N
ClientSampleId :
STOCK-PILE-2

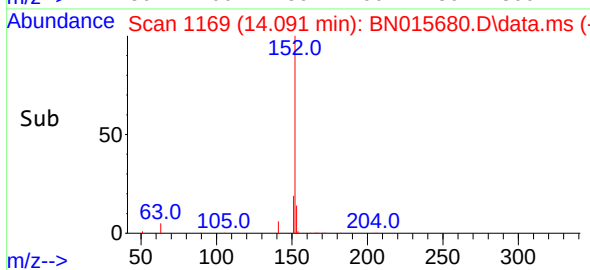
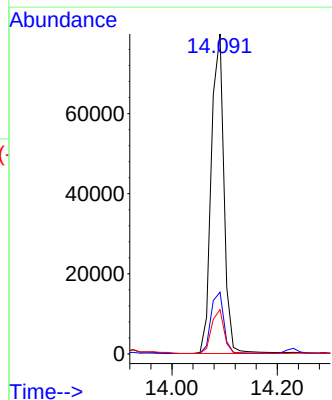
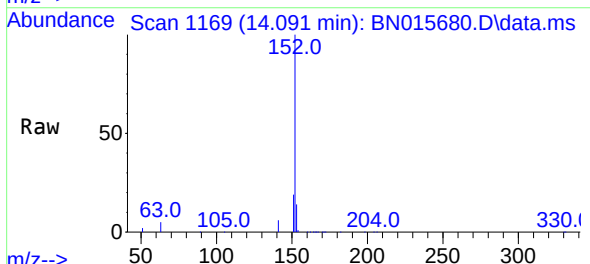
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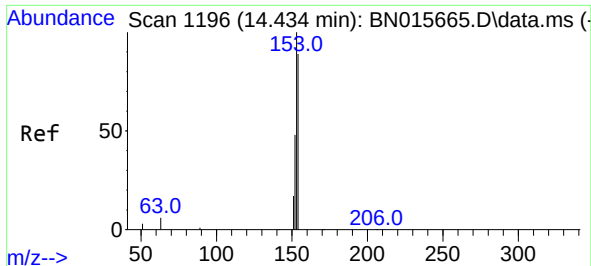
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#16
Acenaphthylene
Concen: 0.867 ng
RT: 14.091 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BN015680.D
Acq: 23 Jul 2021 22:45

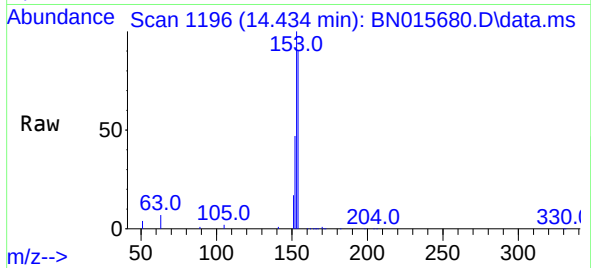
Tgt Ion:152 Resp: 132790
Ion Ratio Lower Upper
152 100
151 19.7 15.4 23.2
153 13.7 10.3 15.5





#17
Acenaphthene
Concen: 0.478 ng
RT: 14.434 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BN015680.D
Acq: 23 Jul 2021 22:45

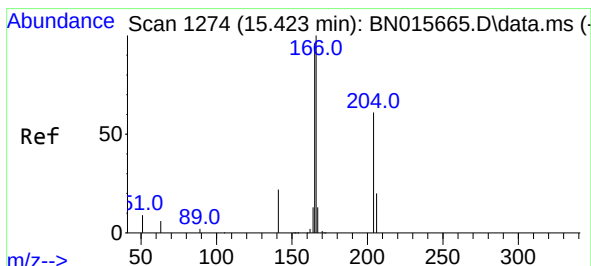
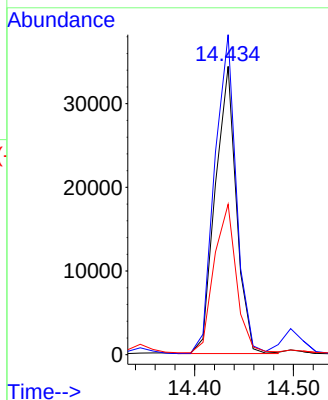
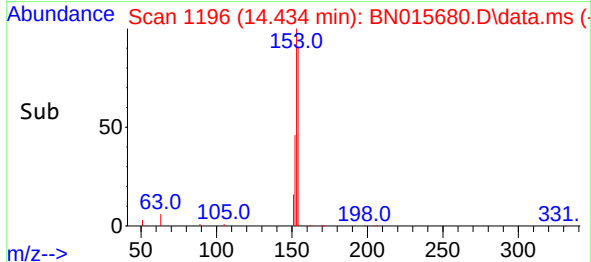
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ClientSampleId :
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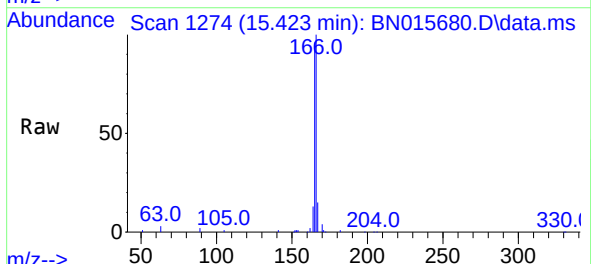
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Ion Ratio Lower Upper
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153 113.4 90.6 136.0
152 54.8 44.6 67.0

Manual Integrations
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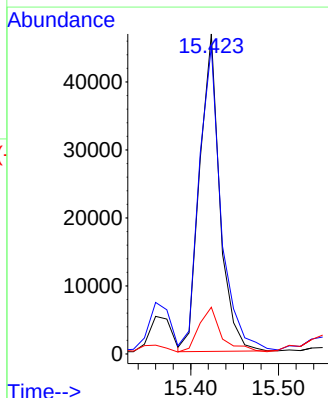
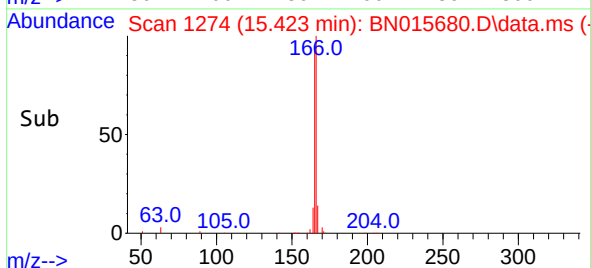
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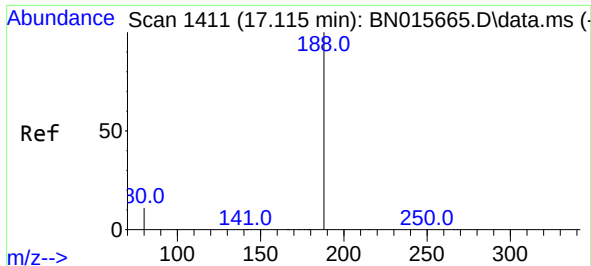


#18
Fluorene
Concen: 0.586 ng
RT: 15.423 min Scan# 1274
Delta R.T. 0.000 min
Lab File: BN015680.D
Acq: 23 Jul 2021 22:45



Tgt Ion:166 Resp: 74463
Ion Ratio Lower Upper
166 100
165 103.8 78.3 117.5
167 15.8 10.8 16.2





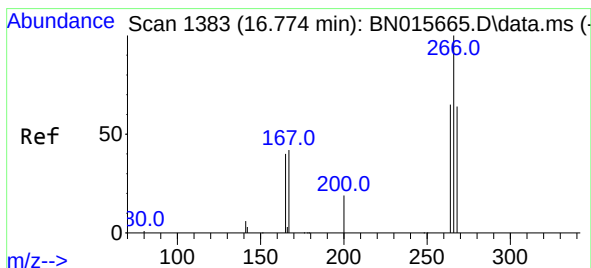
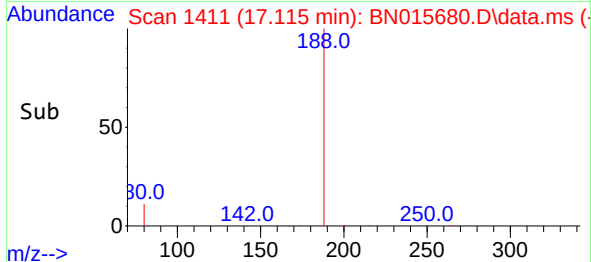
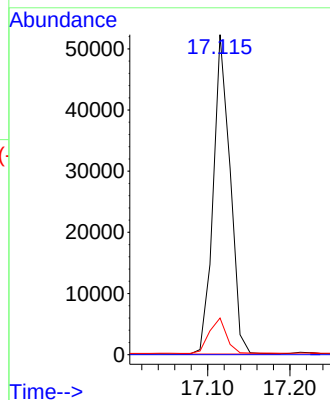
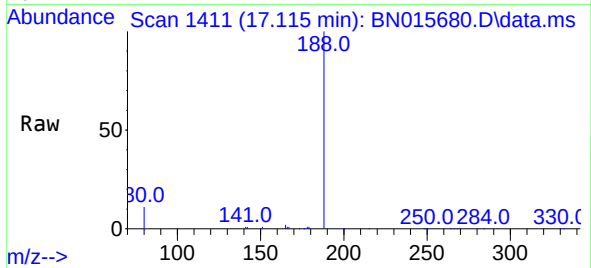
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.115 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BN015680.D
Acq: 23 Jul 2021 22:45

Tgt Ion:188 Resp: 74111
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.4 9.2 13.8

Instrument :
BNA_N
ClientSampleId :
STOCK-PILE-2

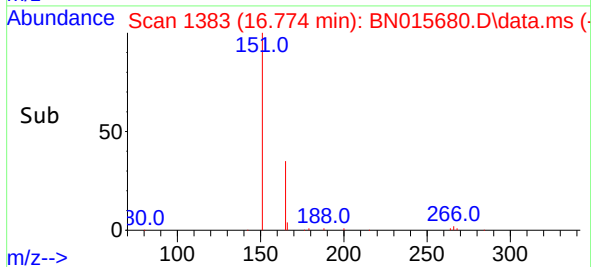
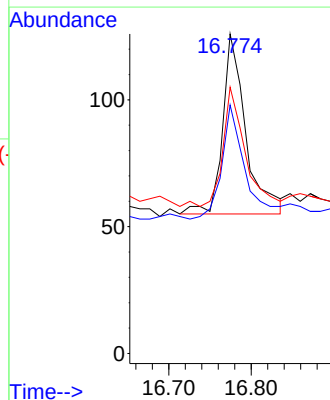
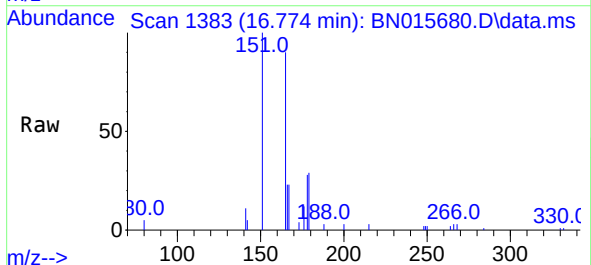
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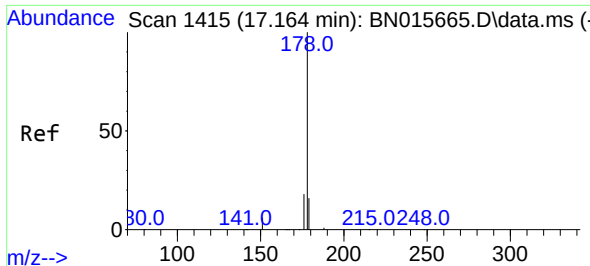
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7/26/2021 1:28:21 PM



#24
Pentachlorophenol
Concen: 0.153 ng
RT: 16.774 min Scan# 1383
Delta R.T. 0.000 min
Lab File: BN015680.D
Acq: 23 Jul 2021 22:45

Tgt Ion:266 Resp: 139
Ion Ratio Lower Upper
266 100
264 73.4 51.0 76.4
268 63.3 51.8 77.8





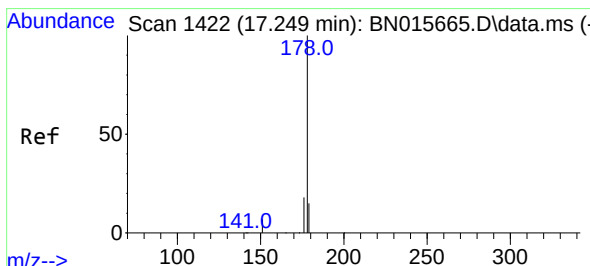
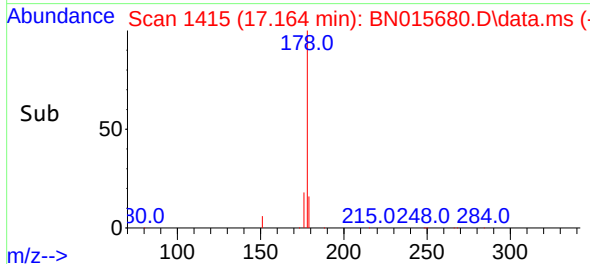
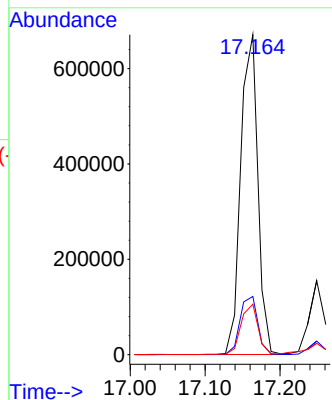
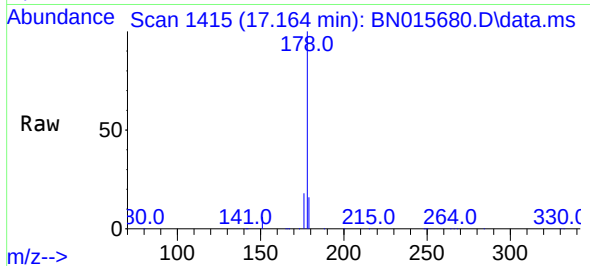
#25
Phenanthrene
Concen: 4.767 ng
RT: 17.164 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BN015680.D
Acq: 23 Jul 2021 22:45

Tgt Ion:178 Resp: 1066207
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.6
179 15.7 12.4 18.6

Instrument :
BNA_N
ClientSampleId :
STOCK-PILE-2

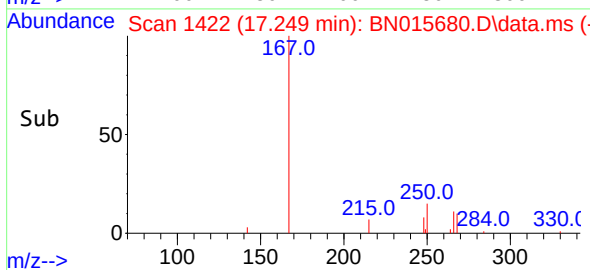
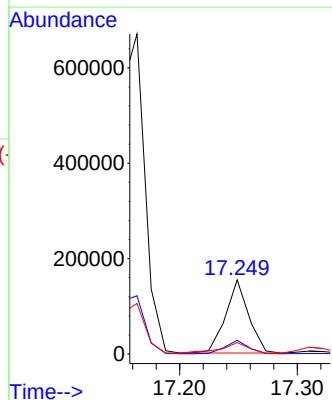
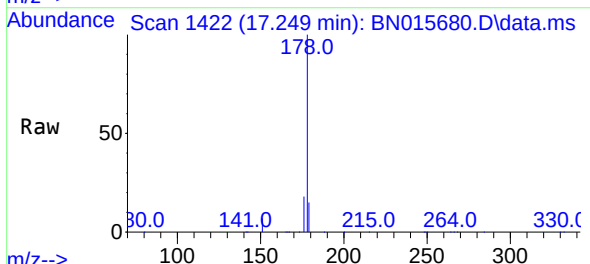
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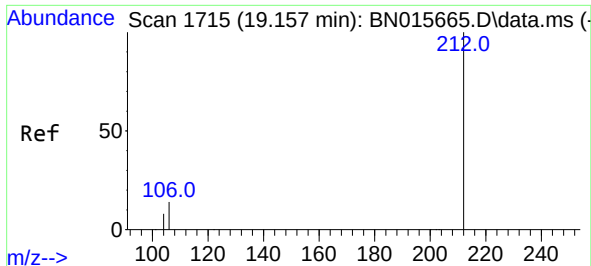
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7/26/2021 1:28:21 PM



#26
Anthracene
Concen: 1.123 ng
RT: 17.249 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BN015680.D
Acq: 23 Jul 2021 22:45

Tgt Ion:178 Resp: 208698
Ion Ratio Lower Upper
178 100
176 18.2 14.6 21.8
179 17.3 12.2 18.2





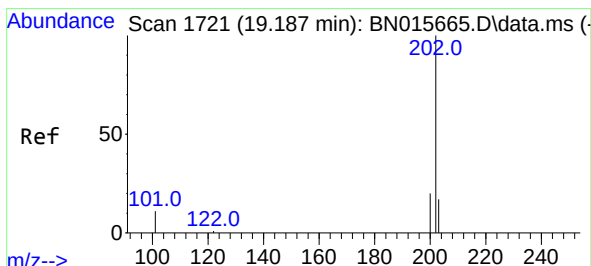
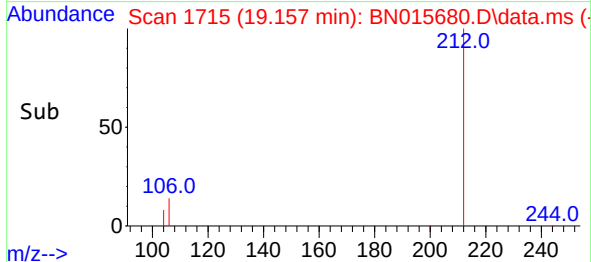
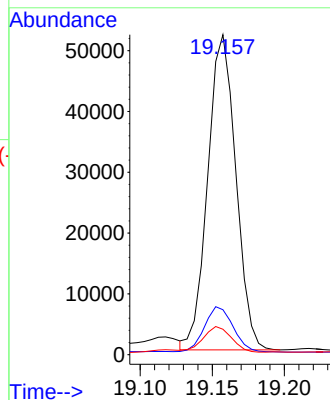
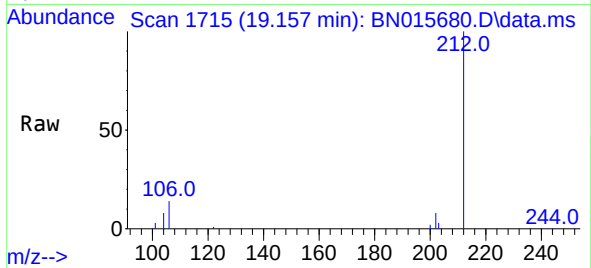
#27
Fluoranthene-d10
Concen: 0.355 ng
RT: 19.157 min Scan# 1715
Delta R.T. 0.000 min
Lab File: BN015680.D
Acq: 23 Jul 2021 22:45

Tgt Ion:212 Resp: 70277
Ion Ratio Lower Upper
212 100
106 14.8 11.5 17.3
104 8.3 6.2 9.4

Instrument :
BNA_N
ClientSampleId :
STOCK-PILE-2

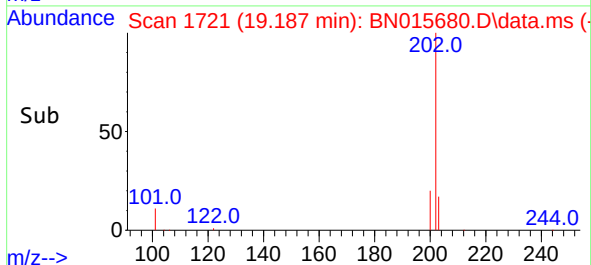
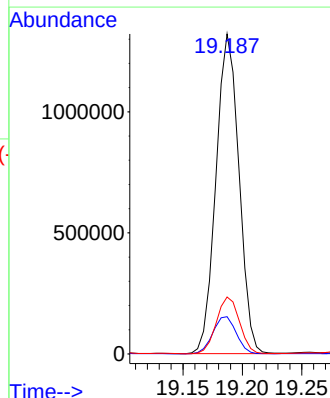
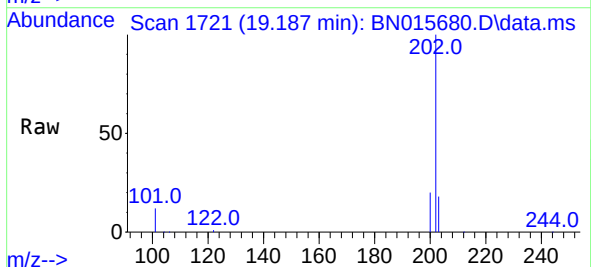
Manual Integrations
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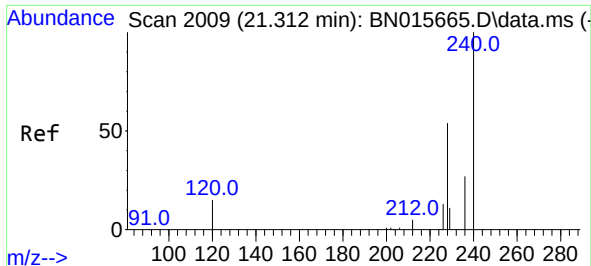
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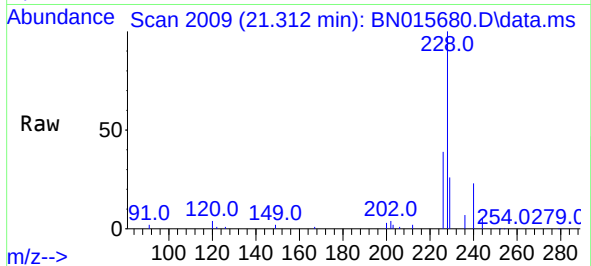
#28
Fluoranthene
Concen: 7.367 ng
RT: 19.187 min Scan# 1721
Delta R.T. 0.000 min
Lab File: BN015680.D
Acq: 23 Jul 2021 22:45

Tgt Ion:202 Resp: 1778515
Ion Ratio Lower Upper
202 100
101 11.8 9.5 14.3
203 17.8 13.8 20.6

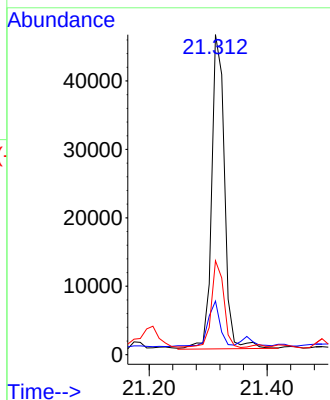
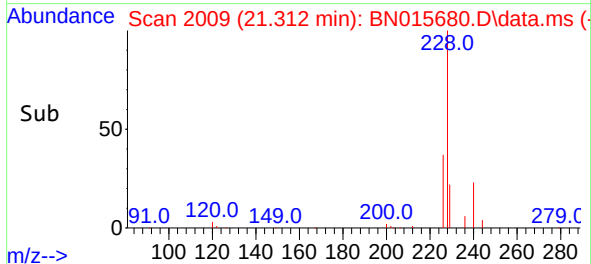




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.312 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BN015680.D
Acq: 23 Jul 2021 22:45



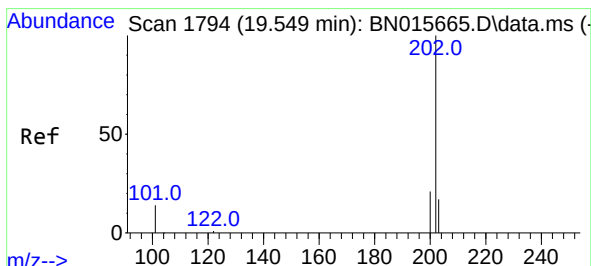
Tgt Ion:240 Resp: 69520
Ion Ratio Lower Upper
240 100
120 16.8 12.2 18.4
236 29.3 21.5 32.3



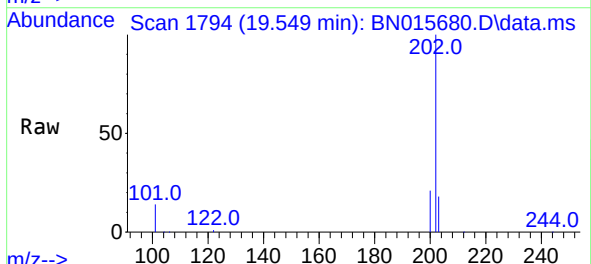
Instrument :
BNA_N
ClientSampleId :
STOCK-PILE-2

Manual Integrations
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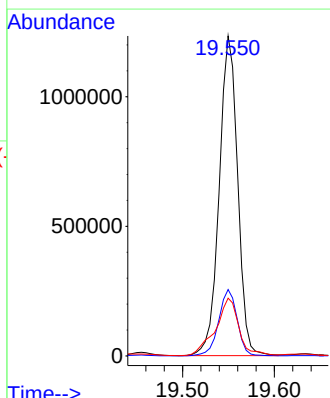
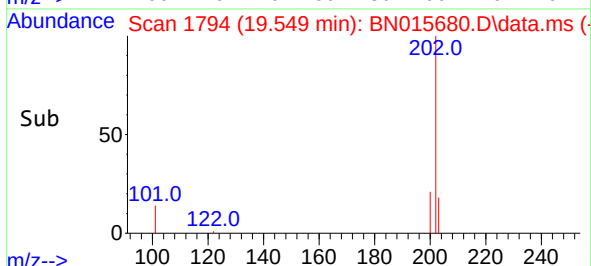
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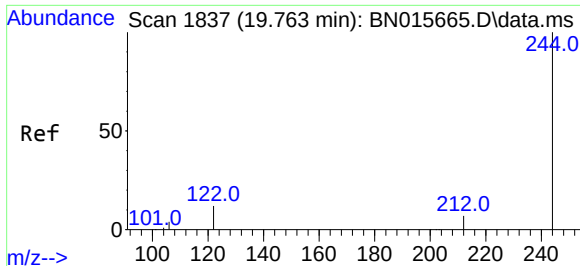


#30
Pyrene
Concen: 6.897 ng
RT: 19.549 min Scan# 1794
Delta R.T. 0.000 min
Lab File: BN015680.D
Acq: 23 Jul 2021 22:45



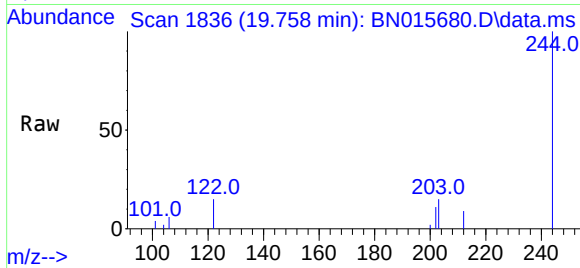
Tgt Ion:202 Resp: 1722034
Ion Ratio Lower Upper
202 100
200 20.8 16.4 24.6
203 22.6 13.9 20.9#





#31
Terphenyl-d14
Concen: 0.326 ng
RT: 19.758 min Scan# 1836
Delta R.T. -0.005 min
Lab File: BN015680.D
Acq: 23 Jul 2021 22:45

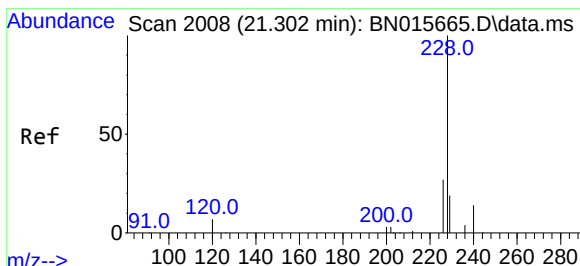
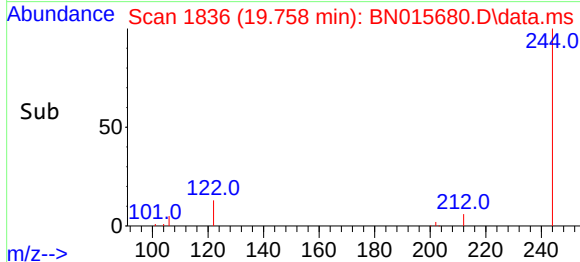
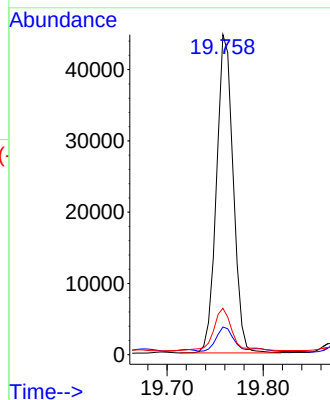
Instrument :
BNA_N
ClientSampleId :
STOCK-PILE-2



Tgt Ion:244 Resp: 53916
Ion Ratio Lower Upper
244 100
212 8.6 6.1 9.1
122 14.5 10.1 15.1

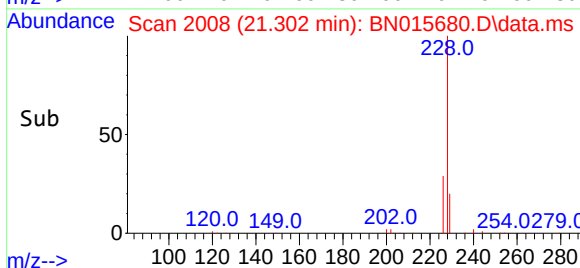
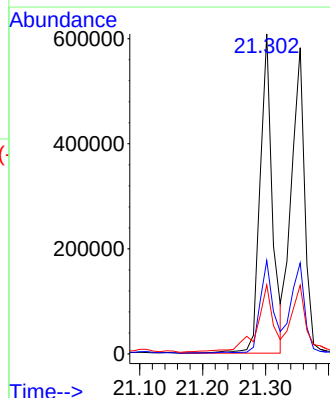
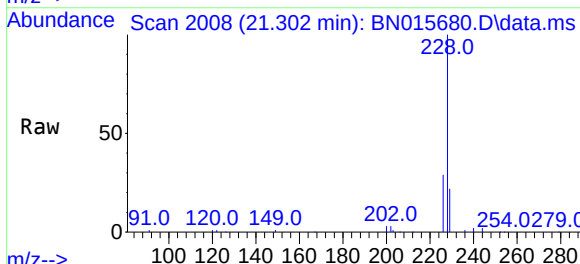
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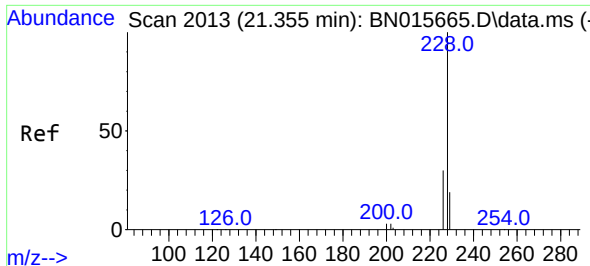
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#32
Benzo(a)anthracene
Concen: 3.786 ng
RT: 21.302 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BN015680.D
Acq: 23 Jul 2021 22:45

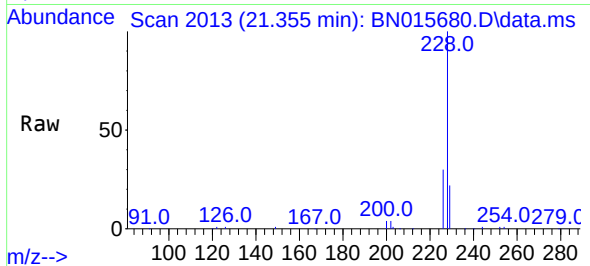
Tgt Ion:228 Resp: 824808
Ion Ratio Lower Upper
228 100
226 29.2 21.4 32.0
229 21.6 15.5 23.3





#33
Chrysene
Concen: 3.494 ng
RT: 21.355 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BN015680.D
Acq: 23 Jul 2021 22:45

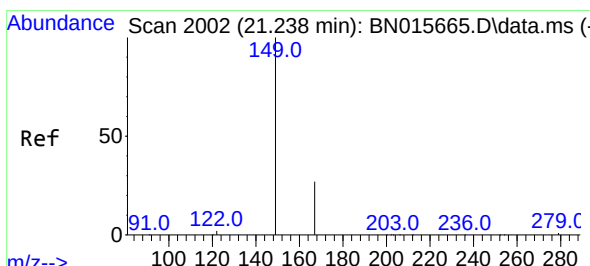
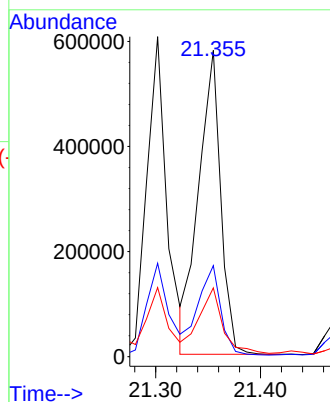
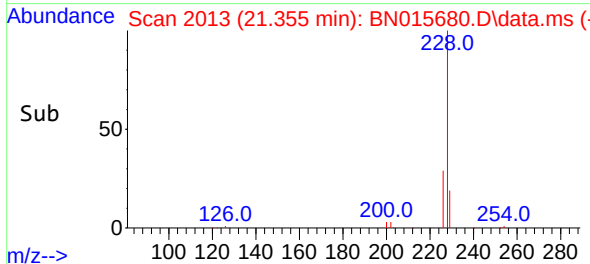
Instrument :
BNA_N
ClientSampleId :
STOCK-PILE-2



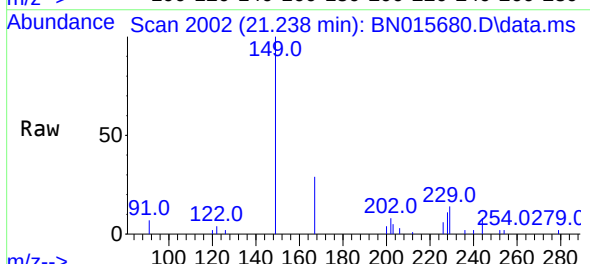
Tgt Ion:228 Resp: 843243
Ion Ratio Lower Upper
228 100
226 29.7 23.5 35.3
229 22.5 15.6 23.4

Manual Integrations
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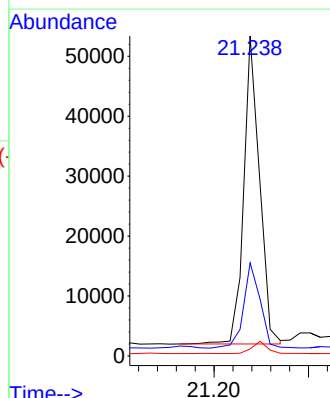
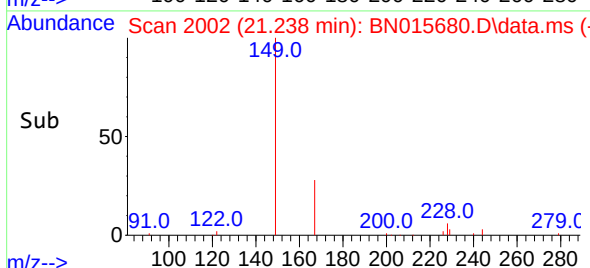
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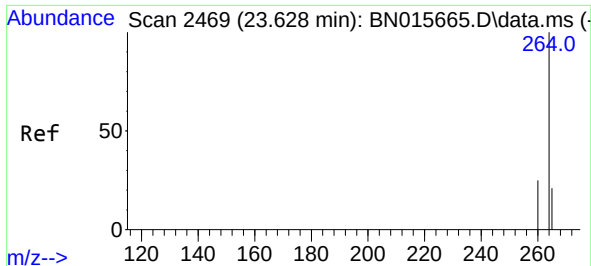


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.768 ng
RT: 21.238 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BN015680.D
Acq: 23 Jul 2021 22:45



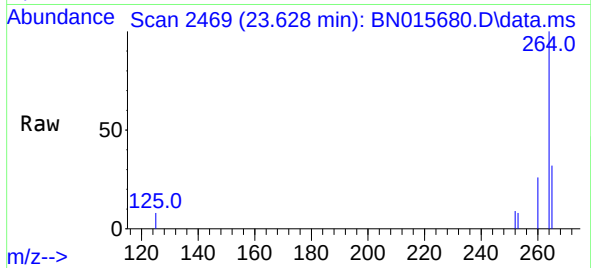
Tgt Ion:149 Resp: 59647
Ion Ratio Lower Upper
149 100
167 29.1 22.2 33.4
279 3.7 2.8 4.2





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.628 min Scan# 2469
Delta R.T. 0.000 min
Lab File: BN015680.D
Acq: 23 Jul 2021 22:45

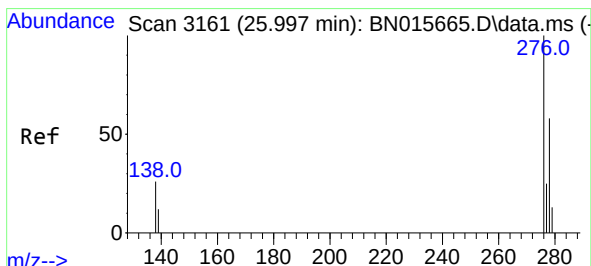
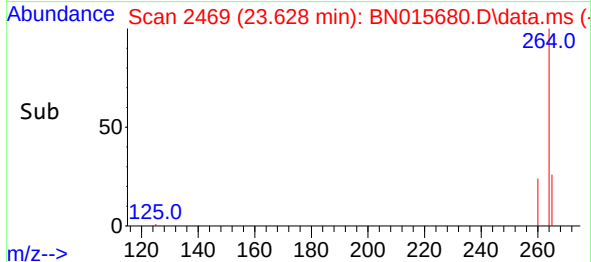
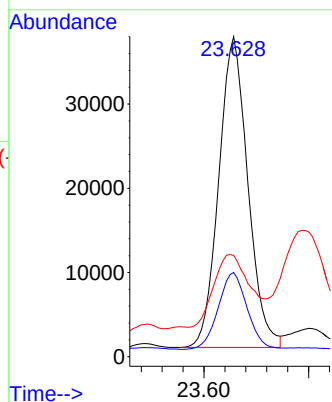
Instrument :
BNA_N
ClientSampleId :
STOCK-PILE-2



Tgt Ion:264 Resp: 71188
Ion Ratio Lower Upper
264 100
260 26.3 19.8 29.8
265 31.6 20.0 30.0#

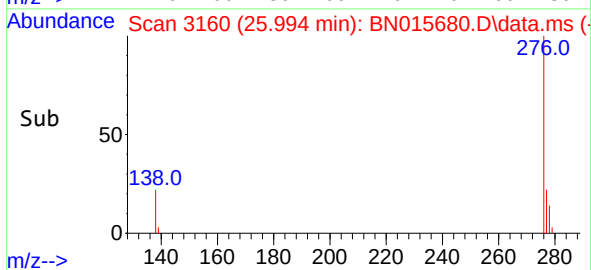
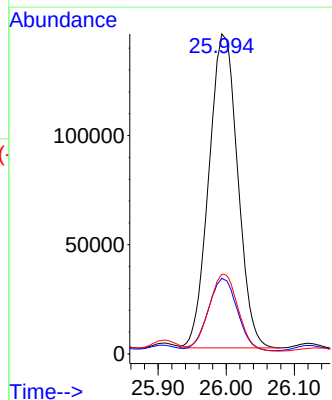
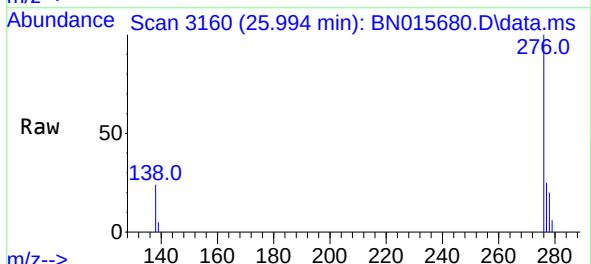
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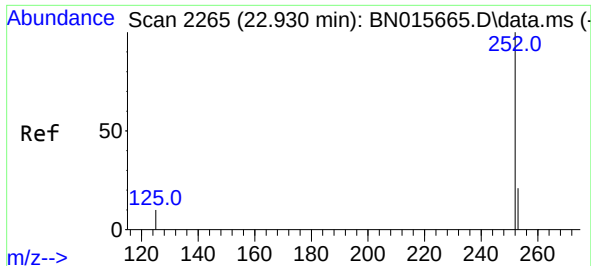
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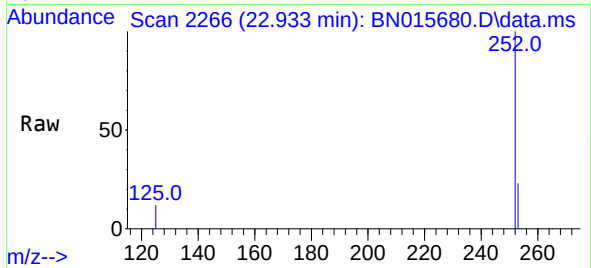
#36
Indeno(1,2,3-cd)pyrene
Concen: 1.640 ng
RT: 25.994 min Scan# 3160
Delta R.T. -0.003 min
Lab File: BN015680.D
Acq: 23 Jul 2021 22:45

Tgt Ion:276 Resp: 423022
Ion Ratio Lower Upper
276 100
138 23.4 21.8 32.6
277 24.9 19.9 29.9

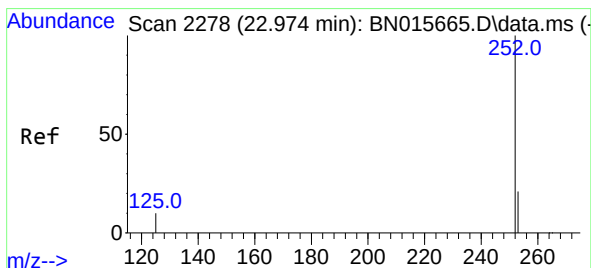
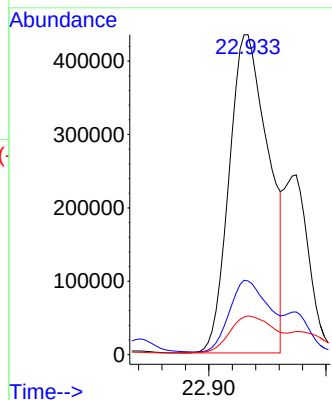
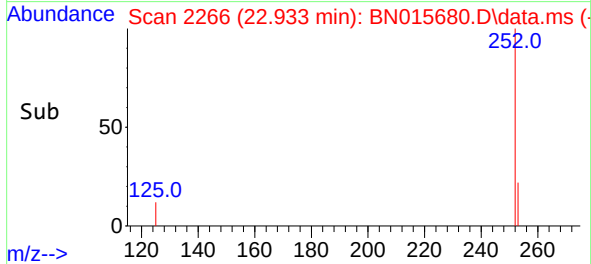




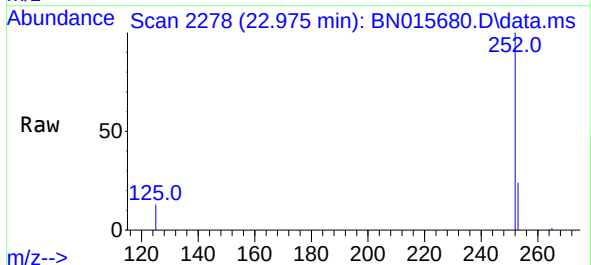
#37
Benzo(b)fluoranthene
Concen: 3.784 ng
RT: 22.933 min Scan# 2266
Delta R.T. 0.004 min
Lab File: BN015680.D
Acq: 23 Jul 2021 22:45



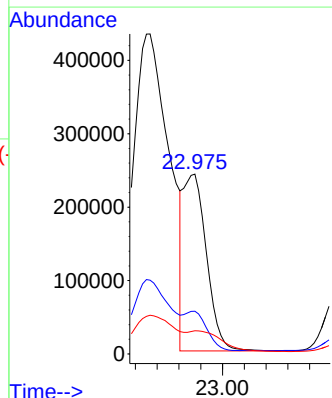
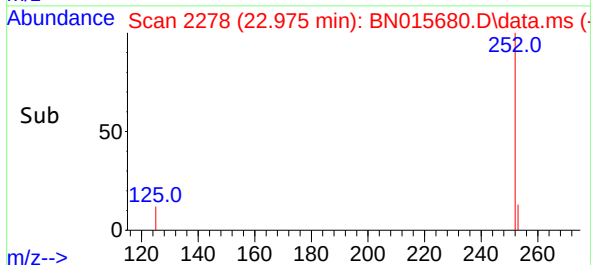
Tgt Ion:252 Resp: 1013110
Ion Ratio Lower Upper
252 100
253 23.1 17.6 26.4
125 12.1 8.8 13.2



#38
Benzo(k)fluoranthene
Concen: 1.322 ng m
RT: 22.975 min Scan# 2278
Delta R.T. 0.000 min
Lab File: BN015680.D
Acq: 23 Jul 2021 22:45



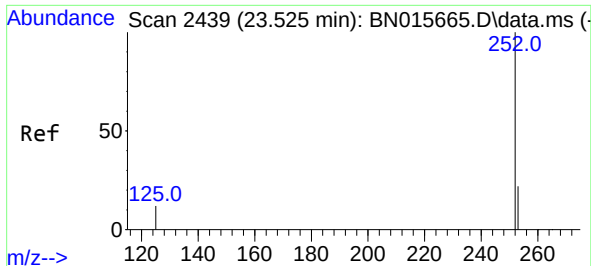
Tgt Ion:252 Resp: 354326
Ion Ratio Lower Upper
252 100
253 23.8 17.5 26.3
125 12.9 8.8 13.2



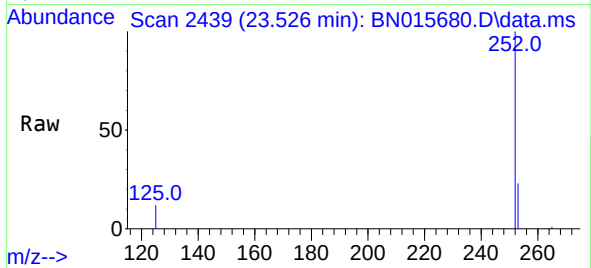
Instrument :
BNA_N
ClientSampleId :
STOCK-PILE-2

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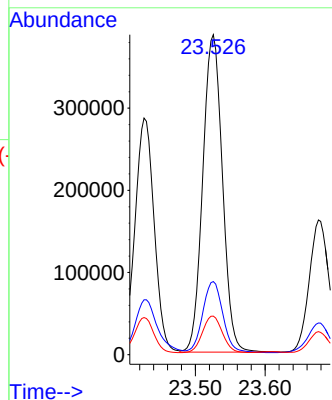
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#39
Benzo(a)pyrene
Concen: 3.479 ng
RT: 23.526 min Scan# 2439
Delta R.T. 0.000 min
Lab File: BN015680.D
Acq: 23 Jul 2021 22:45



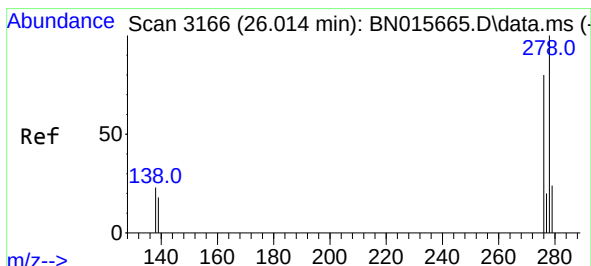
Tgt Ion:252 Resp: 754615
Ion Ratio Lower Upper
252 100
253 22.8 18.0 27.0
125 12.0 10.4 15.6



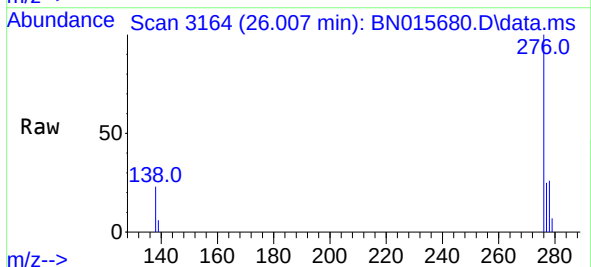
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ClientSampleId :
STOCK-PILE-2

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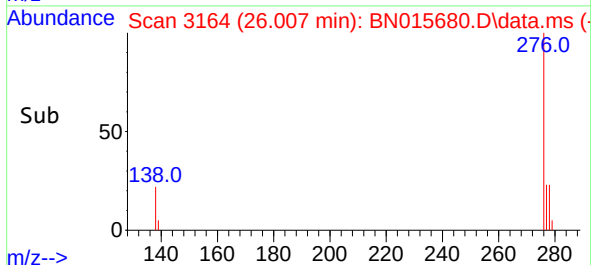
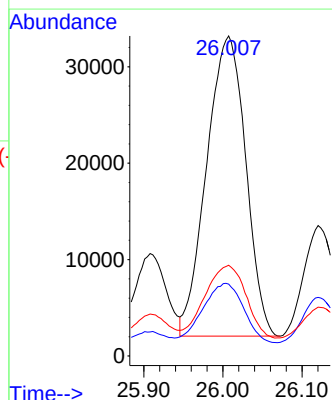
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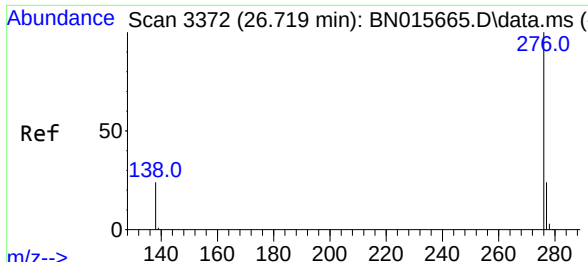


#40
Dibenzo(a,h)anthracene
Concen: 0.527 ng
RT: 26.007 min Scan# 3164
Delta R.T. -0.007 min
Lab File: BN015680.D
Acq: 23 Jul 2021 22:45



Tgt Ion:278 Resp: 106878
Ion Ratio Lower Upper
278 100
139 22.4 14.6 22.0#
279 28.3 19.3 28.9





#41
Benzo(g,h,i)perylene
Concen: 1.786 ng
RT: 26.726 min Scan# 3374
Delta R.T. 0.007 min
Lab File: BN015680.D
Acq: 23 Jul 2021 22:45

Tgt Ion:	276	Resp:	421683
Ion Ratio	Lower	Upper	
276	100		
277	24.6	19.1	28.7
138	24.1	19.1	28.7

Instrument :
BNA_N
ClientSampleId :
STOCK-PILE-2

Manual Integrations
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