

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072421\
 Data File : BN015688.D
 Acq On : 24 Jul 2021 13:46
 Operator : CG/JU
 Sample : M3143-03DL 2X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 STOCK-PILE-2DL

Manual Integrations
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Quant Time: Jul 25 06:59:26 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	7.735	152	14571	0.400	ng	0.00
7) Naphthalene-d8	10.521	136	68536	0.400	ng	# 0.00
13) Acenaphthene-d10	14.370	164	38910	0.400	ng	0.00
19) Phenanthrene-d10	17.115	188	78411	0.400	ng	# 0.00
29) Chrysene-d12	21.312	240	73704	0.400	ng	0.00
35) Perylene-d12	23.628	264	75457	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.346	112	6541	0.187	ng	0.00
5) Phenol-d6	6.914	99	7484	0.182	ng	0.00
8) Nitrobenzene-d5	8.886	82	7736	0.161	ng	0.00
11) 2-Methylnaphthalene-d10	12.109	152	17656	0.173	ng	0.00
14) 2,4,6-Tribromophenol	15.855	330	2698	0.223	ng	-0.01
15) 2-Fluorobiphenyl	12.987	172	24295	0.153	ng	-0.01
27) Fluoranthene-d10	19.157	212	35241	0.168	ng	0.00
31) Terphenyl-d14	19.758	244	26973	0.154	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.559	128	13578	0.075	ng	97
12) 2-Methylnaphthalene	12.185	142	8041	0.069	ng	98
16) Acenaphthylene	14.078	152	59509	0.366	ng	99
17) Acenaphthene	14.434	154	25831	0.229	ng	100
18) Fluorene	15.423	166	36361	0.270	ng	94
25) Phenanthrene	17.151	178	568363	2.402	ng	100
26) Anthracene	17.249	178	99512	0.506	ng	97
28) Fluoranthene	19.187	202	973923	3.813	ng	99
30) Pyrene	19.549	202	928488	3.508	ng	# 95
32) Benzo(a)anthracene	21.302	228	432670	1.873	ng	95
33) Chrysene	21.355	228	440094	1.720	ng	97
34) Bis(2-ethylhexyl)phtha...	21.238	149	29768	0.451	ng	98
36) Indeno(1,2,3-cd)pyrene	25.990	276	260805	0.954	ng	96
37) Benzo(b)fluoranthene	22.930	252	543831	1.916	ng	98
38) Benzo(k)fluoranthene	22.971	252	182344m	0.642	ng	
39) Benzo(a)pyrene	23.525	252	398789	1.734	ng	99
40) Dibenzo(a,h)anthracene	26.000	278	64783	0.301	ng	# 91
41) Benzo(g,h,i)perylene	26.716	276	271823	1.086	ng	100

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

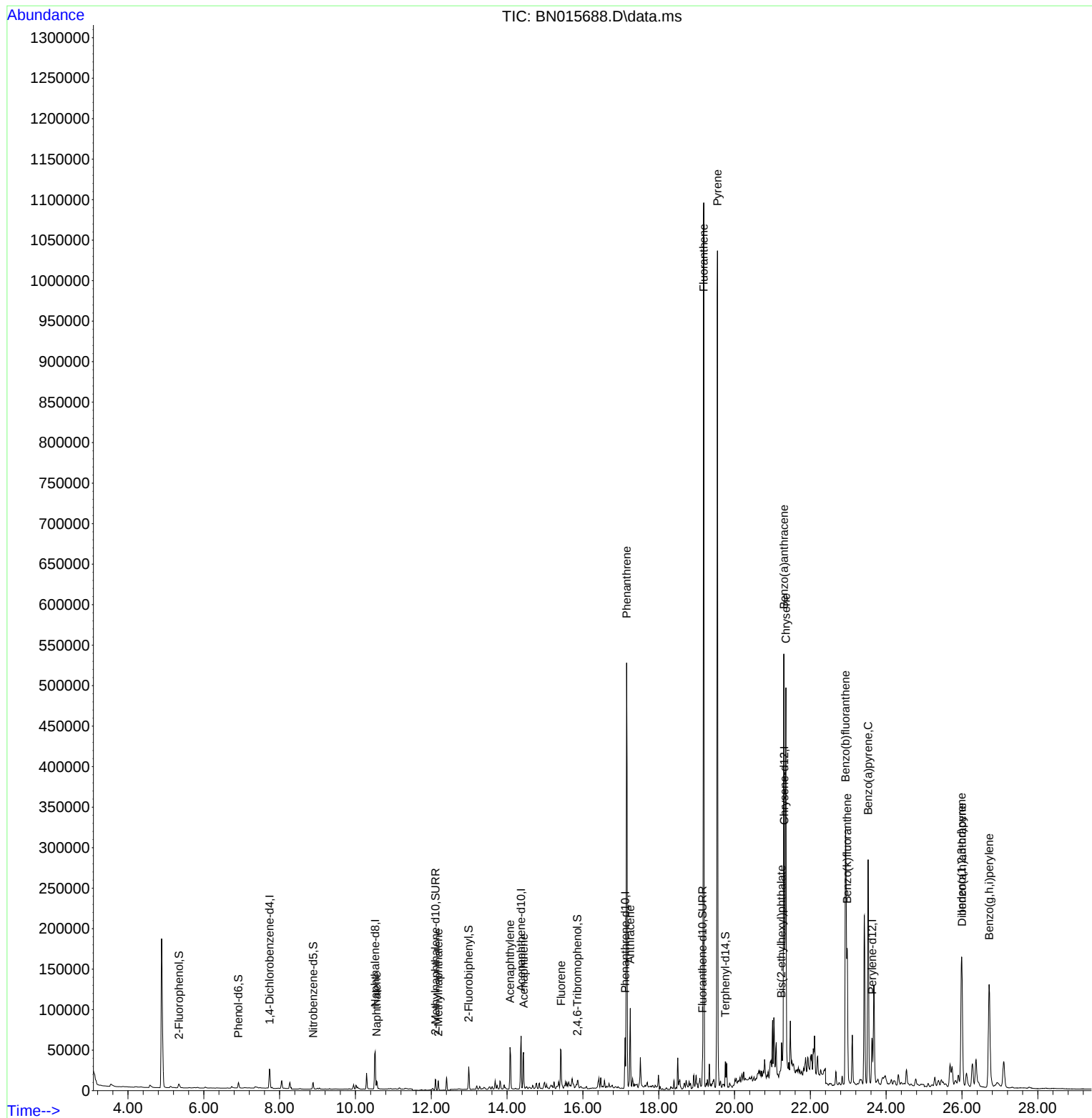
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072421\
Data File : BN015688.D
Acq On : 24 Jul 2021 13:46
Operator : CG/JU
Sample : M3143-03DL 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

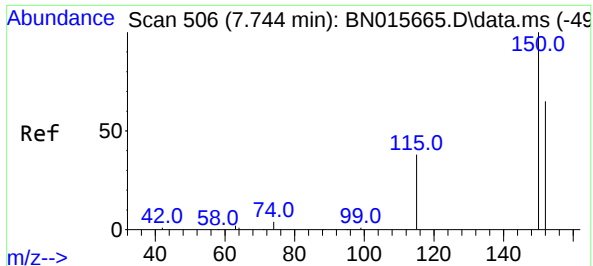
Instrument :
BNA_N
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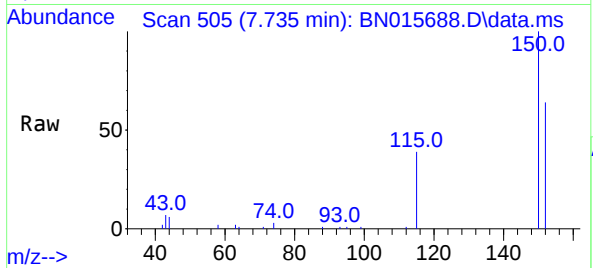
Quant Time: Jul 25 06:59:26 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN072421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 23 14:45:01 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.735 min Scan# 505
Delta R.T. -0.009 min
Lab File: BN015688.D
Acq: 24 Jul 2021 13:46

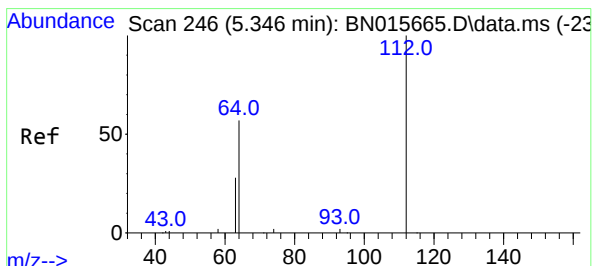
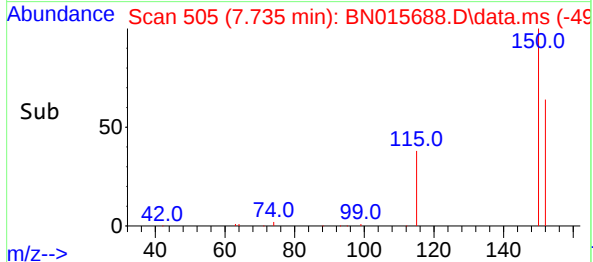
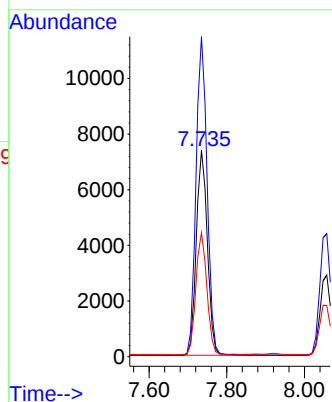
Instrument :
BNA_N
ClientSampleId :
STOCK-PILE-2DL



Tgt Ion:152 Resp: 14571
Ion Ratio Lower Upper
152 100
150 155.2 123.4 185.0
115 60.1 47.2 70.8

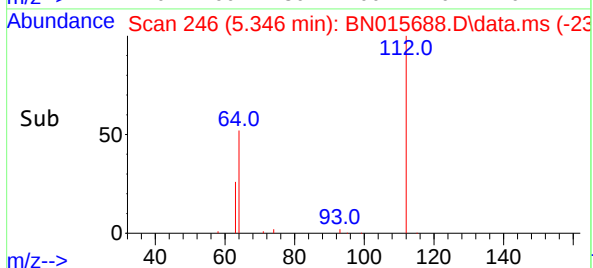
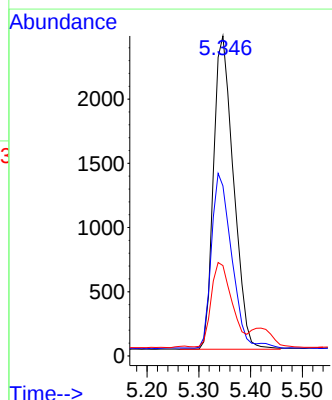
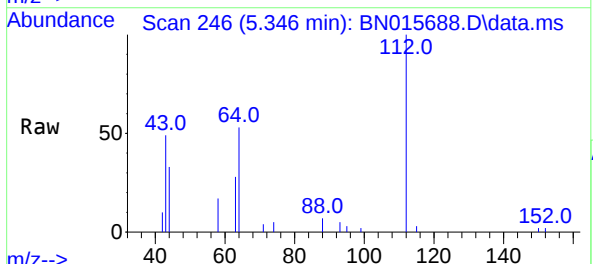
Manual Integrations
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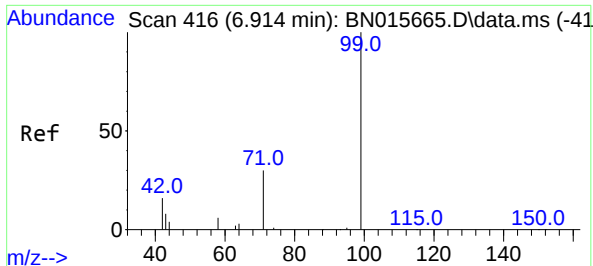
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#4
2-Fluorophenol
Concen: 0.187 ng
RT: 5.346 min Scan# 246
Delta R.T. 0.000 min
Lab File: BN015688.D
Acq: 24 Jul 2021 13:46

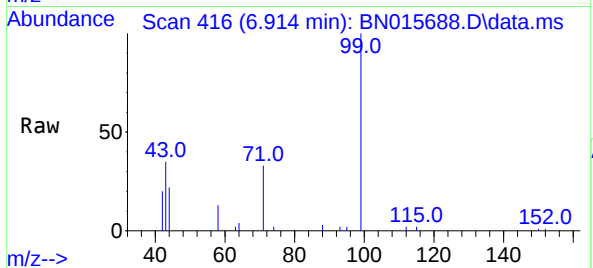
Tgt Ion:112 Resp: 6541
Ion Ratio Lower Upper
112 100
64 56.4 44.9 67.3
63 28.0 22.6 33.8





#5
Phenol-d6
Concen: 0.182 ng
RT: 6.914 min Scan# 416
Delta R.T. 0.000 min
Lab File: BN015688.D
Acq: 24 Jul 2021 13:46

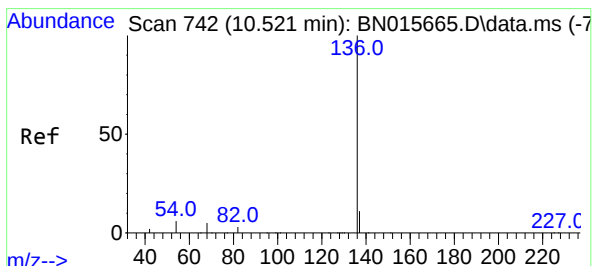
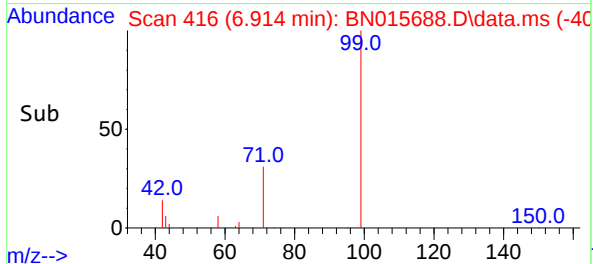
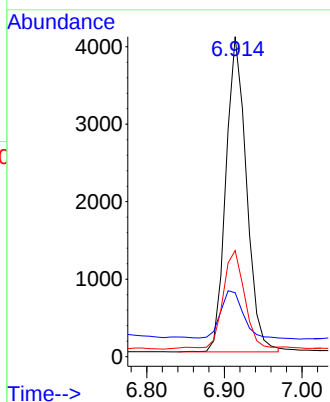
Instrument :
BNA_N
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Tgt Ion:	99	Resp:	7484
Ion	Ratio	Lower	Upper
99	100		
42	16.0	13.8	20.6
71	33.3	24.2	36.2

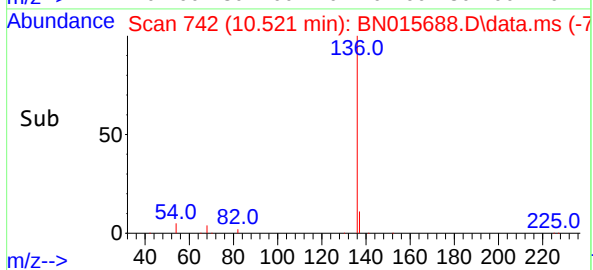
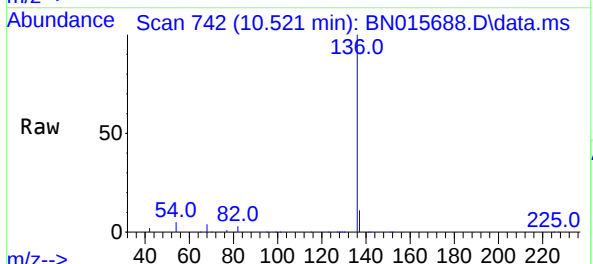
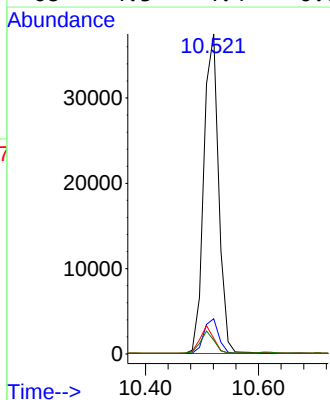
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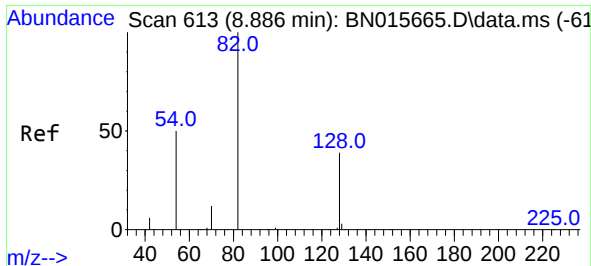
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#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.521 min Scan# 742
Delta R.T. 0.000 min
Lab File: BN015688.D
Acq: 24 Jul 2021 13:46

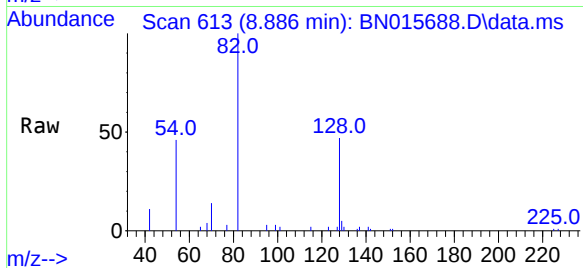
Tgt Ion:	136	Resp:	68536
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	4.9	5.2	7.8#
68	4.3	4.4	6.6#





#8
Nitrobenzene-d5
Concen: 0.161 ng
RT: 8.886 min Scan# 613
Delta R.T. 0.000 min
Lab File: BN015688.D
Acq: 24 Jul 2021 13:46

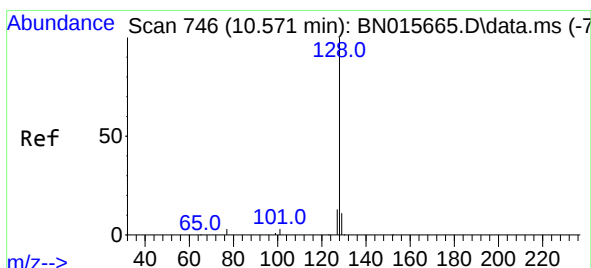
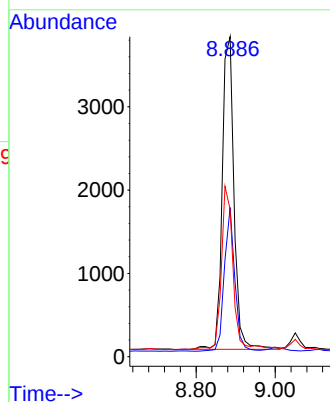
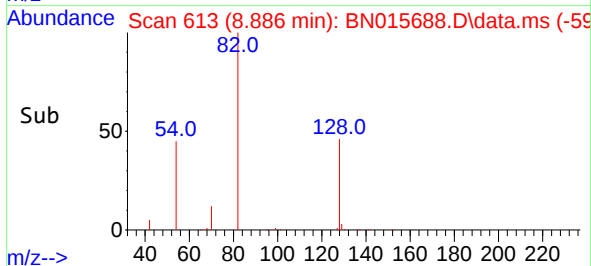
Instrument :
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ClientSampleId :
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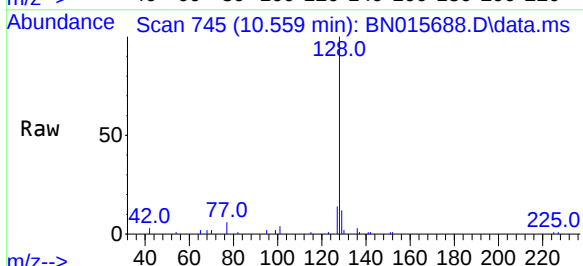
Tgt Ion: 82 Resp: 7736
Ion Ratio Lower Upper
82 100
128 46.6 31.2 46.8
54 46.0 40.2 60.4

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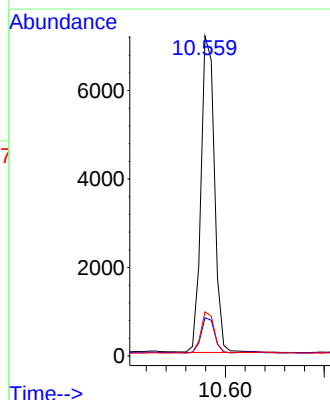
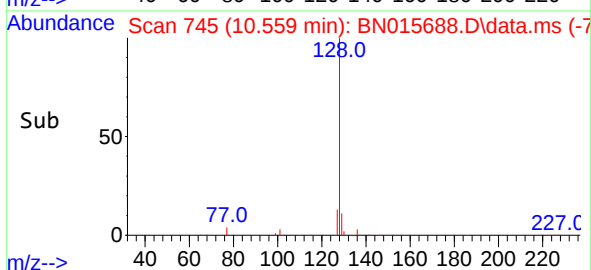
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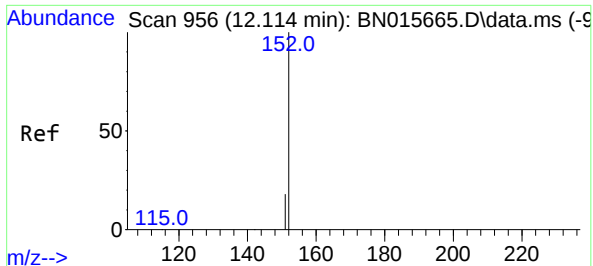


#9
Naphthalene
Concen: 0.075 ng
RT: 10.559 min Scan# 745
Delta R.T. -0.013 min
Lab File: BN015688.D
Acq: 24 Jul 2021 13:46



Tgt Ion: 128 Resp: 13578
Ion Ratio Lower Upper
128 100
129 12.0 8.8 13.2
127 13.8 10.2 15.4





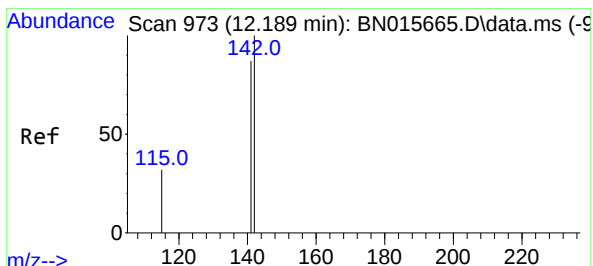
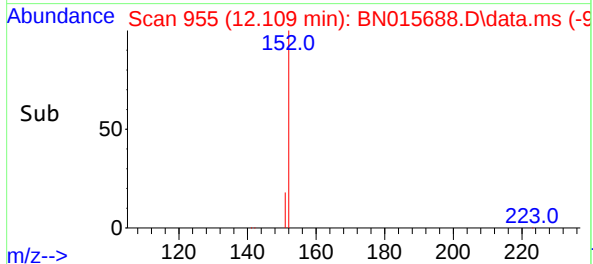
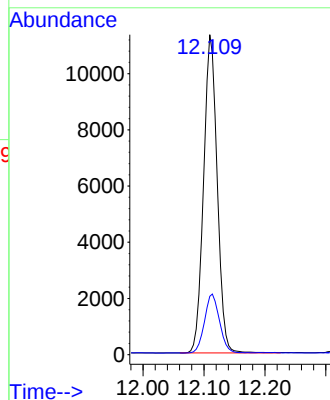
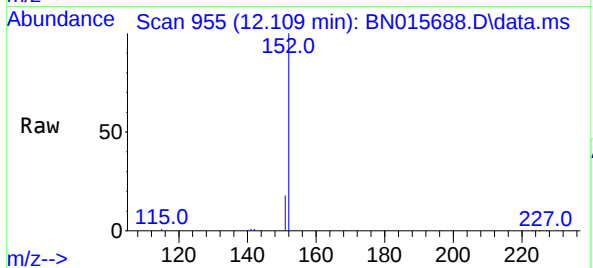
#11
2-Methylnaphthalene-d10
Concen: 0.173 ng
RT: 12.109 min Scan# 955
Delta R.T. -0.004 min
Lab File: BN015688.D
Acq: 24 Jul 2021 13:46

Tgt Ion:152 Resp: 17656
Ion Ratio Lower Upper
152 100
151 20.4 16.4 24.6

Instrument :
BNA_N
ClientSampleId :
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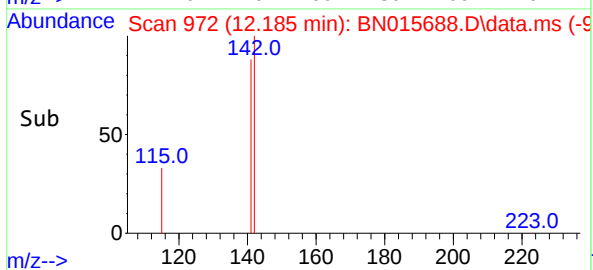
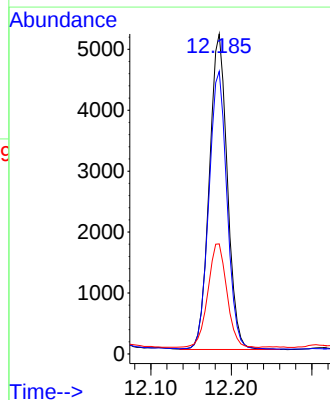
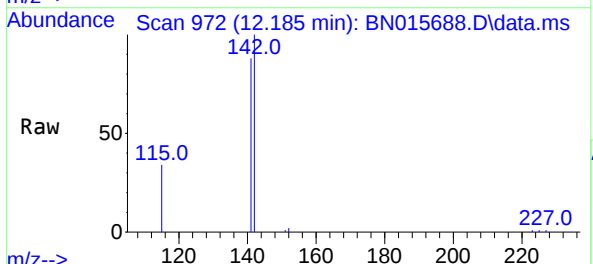
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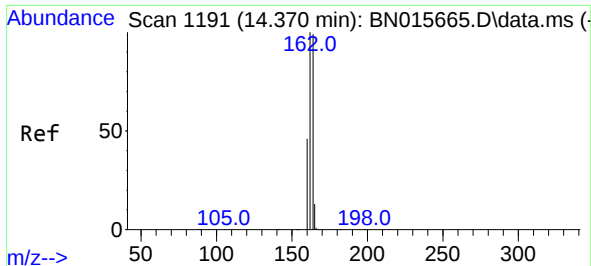
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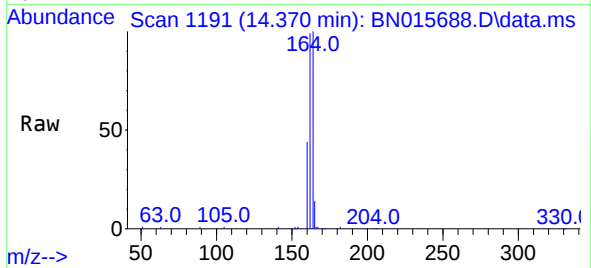
#12
2-Methylnaphthalene
Concen: 0.069 ng
RT: 12.185 min Scan# 972
Delta R.T. -0.004 min
Lab File: BN015688.D
Acq: 24 Jul 2021 13:46

Tgt Ion:142 Resp: 8041
Ion Ratio Lower Upper
142 100
141 88.3 69.5 104.3
115 34.4 26.1 39.1

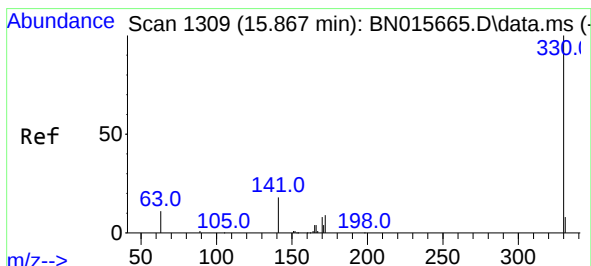
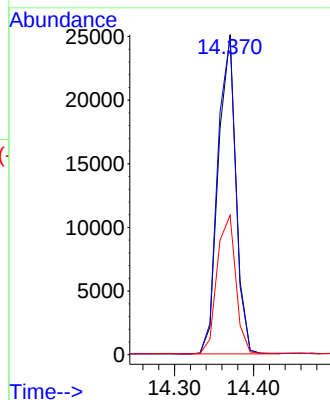
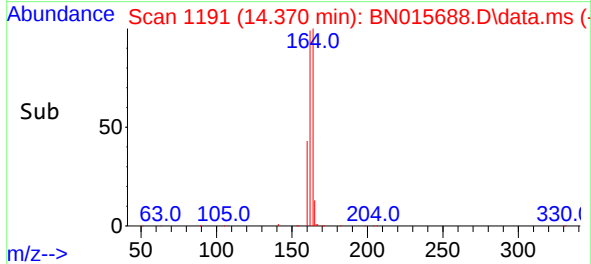




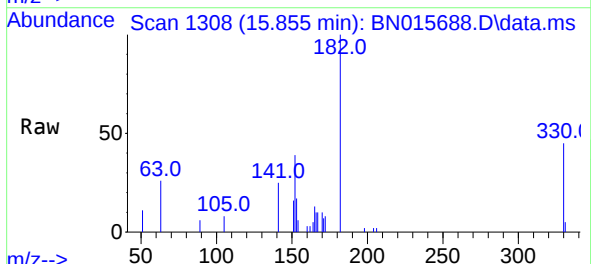
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Acenaphthene-d10
Concen: 0.400 ng
RT: 14.370 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BN015688.D
Acq: 24 Jul 2021 13:46



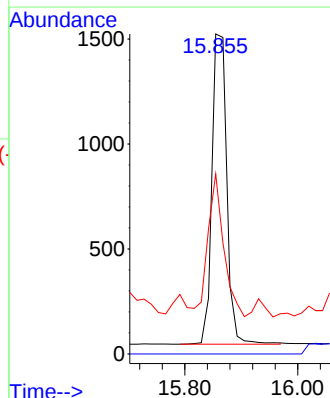
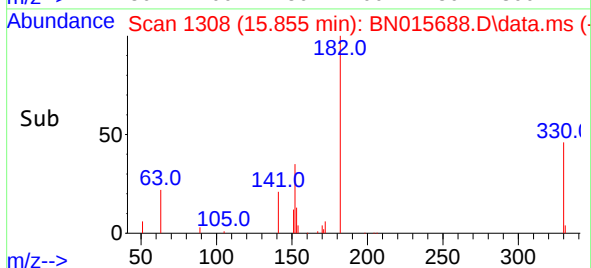
Tgt Ion:164 Resp: 38910
Ion Ratio Lower Upper
164 100
162 99.2 80.6 120.8
160 43.5 37.0 55.4



#14
2,4,6-Tribromophenol
Concen: 0.223 ng
RT: 15.855 min Scan# 1308
Delta R.T. -0.013 min
Lab File: BN015688.D
Acq: 24 Jul 2021 13:46



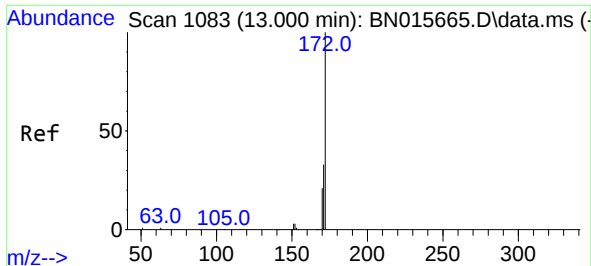
Tgt Ion:330 Resp: 2698
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 48.6 28.7 43.1#



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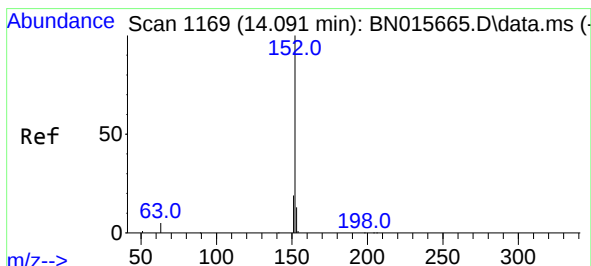
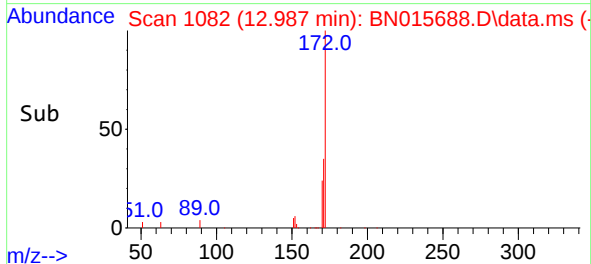
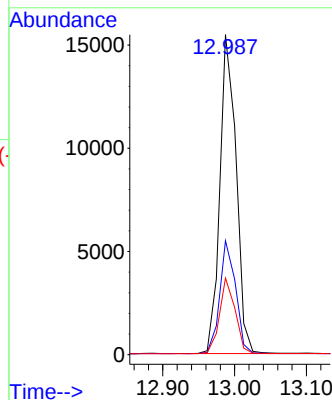
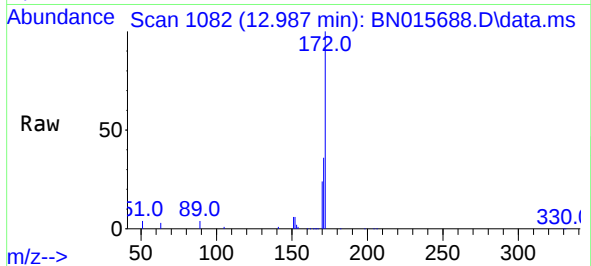
#15
2-Fluorobiphenyl
Concen: 0.153 ng
RT: 12.987 min Scan# 1082
Delta R.T. -0.013 min
Lab File: BN015688.D
Acq: 24 Jul 2021 13:46

Tgt Ion:	172	Resp:	24295
Ion Ratio	Lower	Upper	
172	100		
171	35.6	26.6	40.0
170	23.9	17.2	25.8

Instrument :
BNA_N
ClientSampleId :
STOCK-PILE-2DL

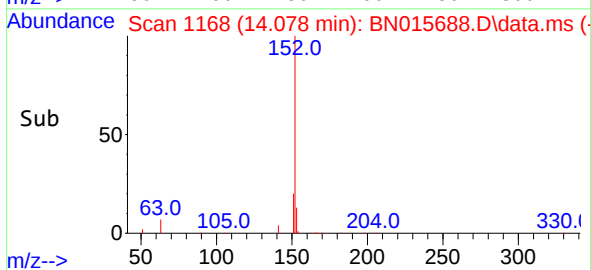
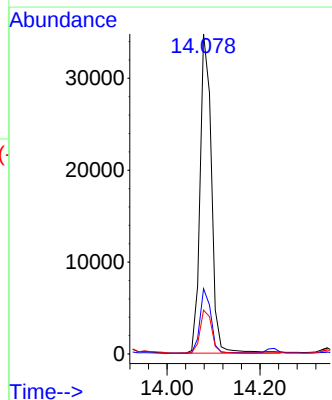
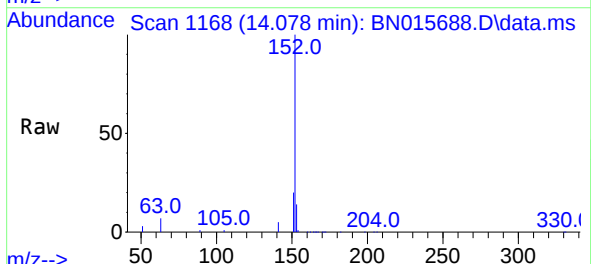
Manual Integrations
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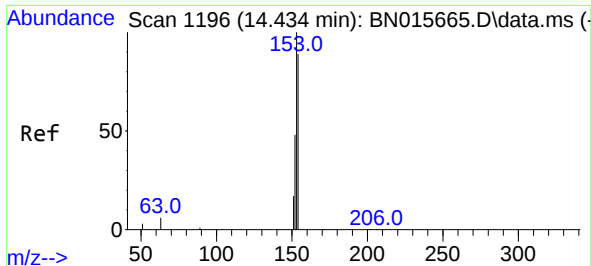
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#16
Acenaphthylene
Concen: 0.366 ng
RT: 14.078 min Scan# 1168
Delta R.T. -0.013 min
Lab File: BN015688.D
Acq: 24 Jul 2021 13:46

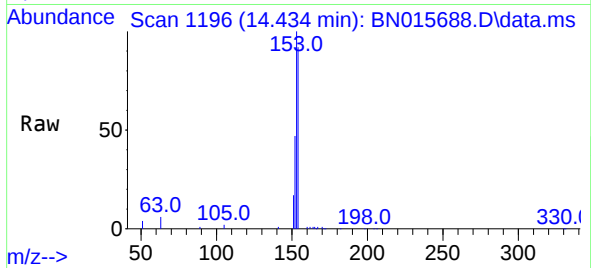
Tgt Ion:	152	Resp:	59509
Ion Ratio	Lower	Upper	
152	100		
151	19.5	15.4	23.2
153	13.9	10.3	15.5





#17
Acenaphthene
Concen: 0.229 ng
RT: 14.434 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BN015688.D
Acq: 24 Jul 2021 13:46

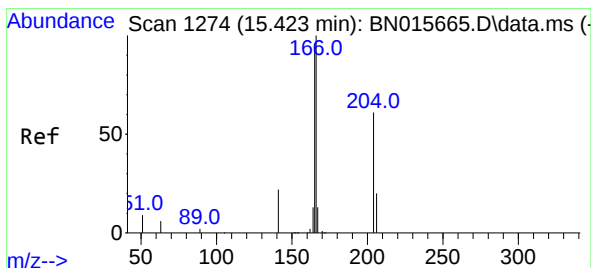
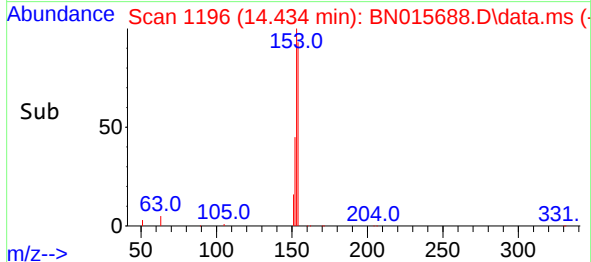
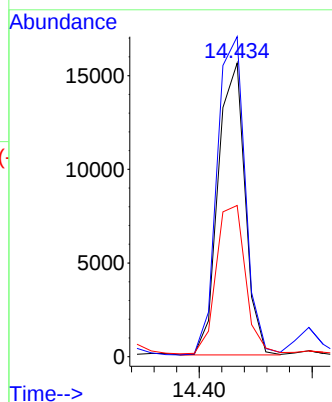
Instrument :
BNA_N
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STOCK-PILE-2DL



Tgt Ion:154 Resp: 25831
Ion Ratio Lower Upper
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153 113.7 90.6 136.0
152 55.3 44.6 67.0

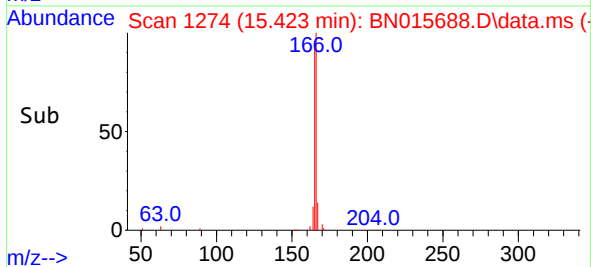
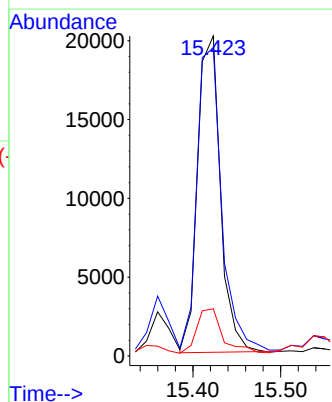
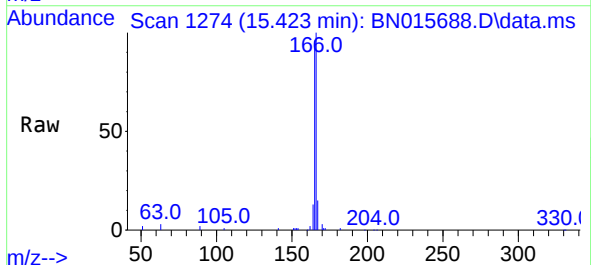
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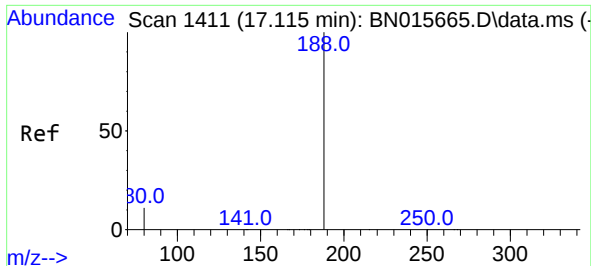
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#18
Fluorene
Concen: 0.270 ng
RT: 15.423 min Scan# 1274
Delta R.T. 0.000 min
Lab File: BN015688.D
Acq: 24 Jul 2021 13:46

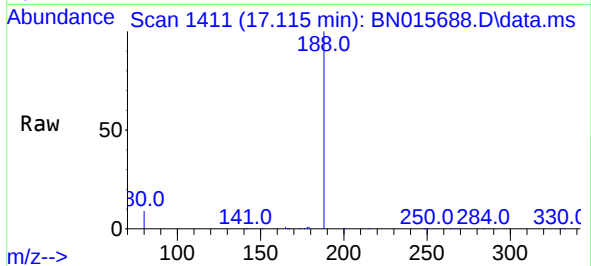
Tgt Ion:166 Resp: 36361
Ion Ratio Lower Upper
166 100
165 103.3 78.3 117.5
167 16.0 10.8 16.2





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.115 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BN015688.D
Acq: 24 Jul 2021 13:46

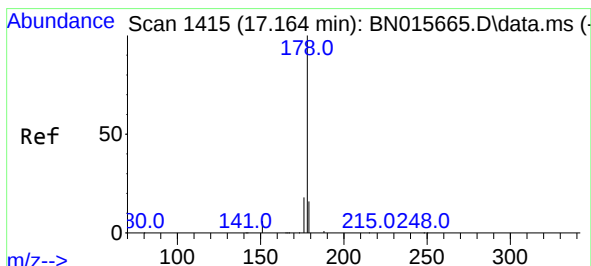
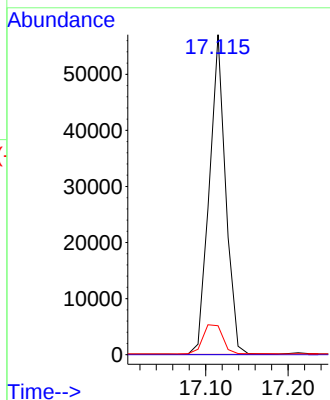
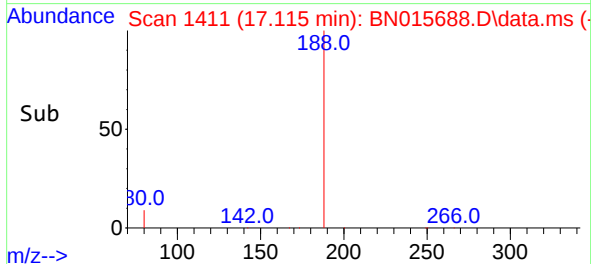
Instrument :
BNA_N
ClientSampleId :
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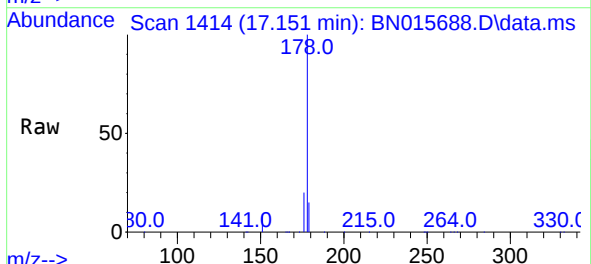
Tgt Ion:188 Resp: 78411
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.1 9.2 13.8#

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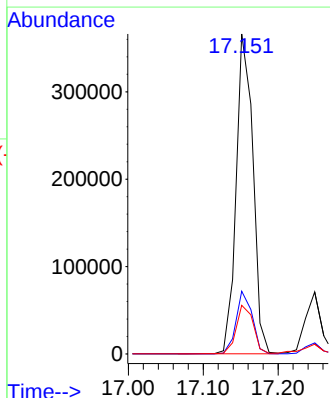
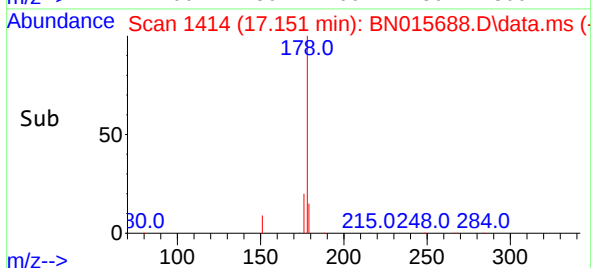
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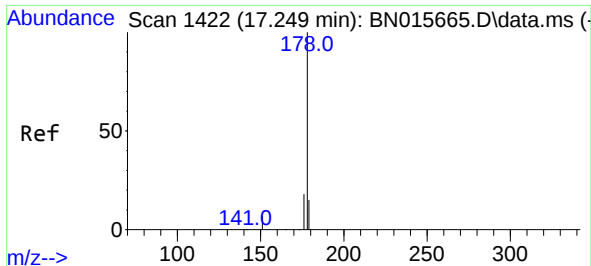


#25
Phenanthrene
Concen: 2.402 ng
RT: 17.151 min Scan# 1414
Delta R.T. -0.012 min
Lab File: BN015688.D
Acq: 24 Jul 2021 13:46



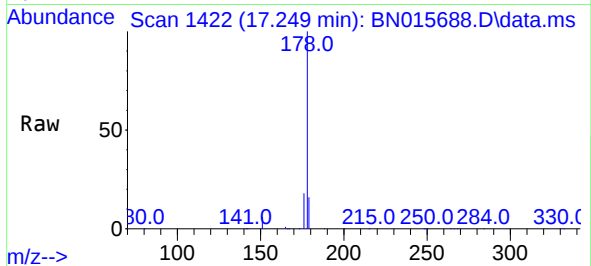
Tgt Ion:178 Resp: 568363
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.6
179 15.5 12.4 18.6





#26
 Anthracene
 Concen: 0.506 ng
 RT: 17.249 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: BN015688.D
 Acq: 24 Jul 2021 13:46

Instrument :
 BNA_N
 ClientSampleId :
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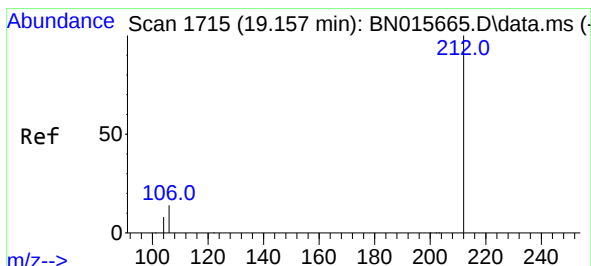
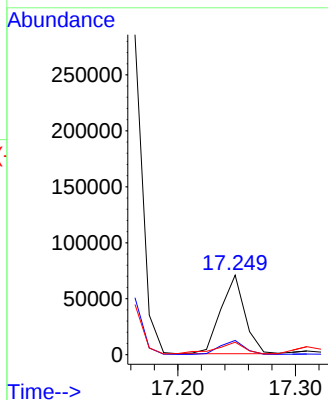
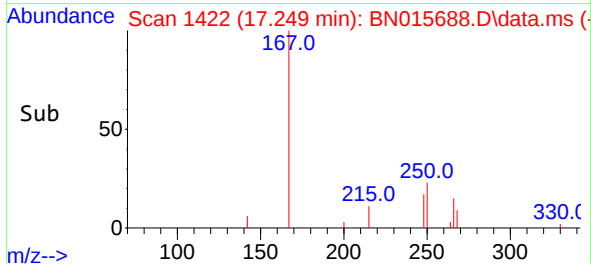


Tgt Ion:178 Resp: 99512

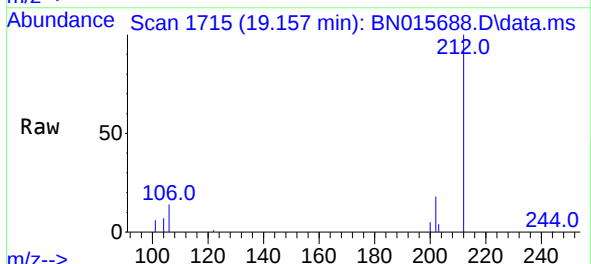
Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.6	21.8
179	17.4	12.2	18.2

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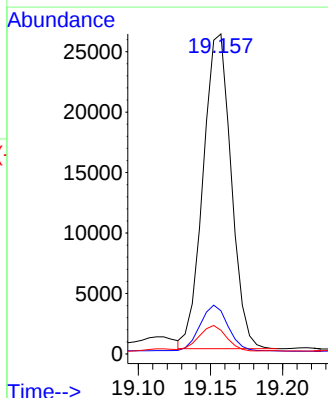
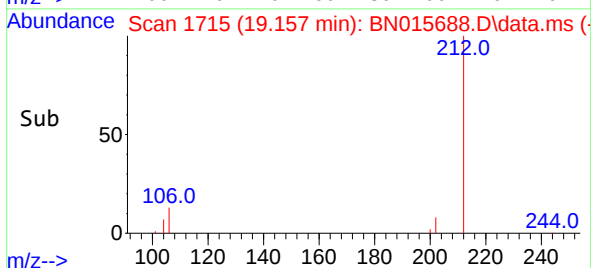


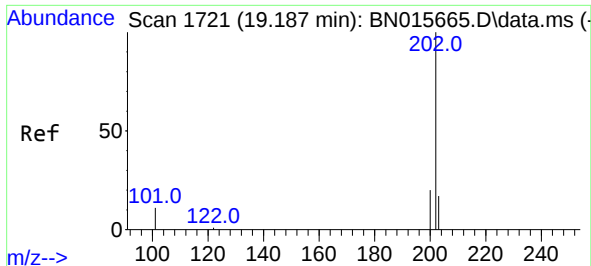
#27
 Fluoranthene-d10
 Concen: 0.168 ng
 RT: 19.157 min Scan# 1715
 Delta R.T. 0.000 min
 Lab File: BN015688.D
 Acq: 24 Jul 2021 13:46



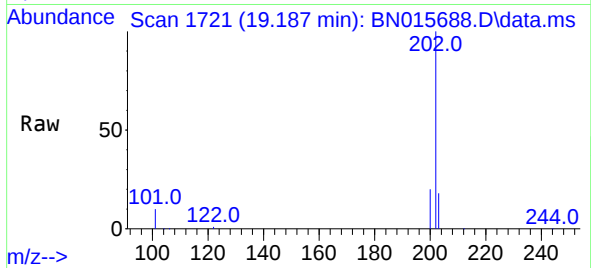
Tgt Ion:212 Resp: 35241

Ion	Ratio	Lower	Upper
212	100		
106	15.3	11.5	17.3
104	8.0	6.2	9.4

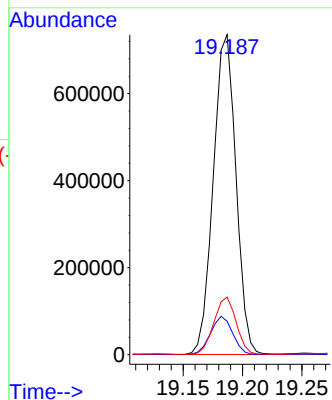




#28
Fluoranthene
Concen: 3.813 ng
RT: 19.187 min Scan# 1721
Delta R.T. 0.000 min
Lab File: BN015688.D
Acq: 24 Jul 2021 13:46



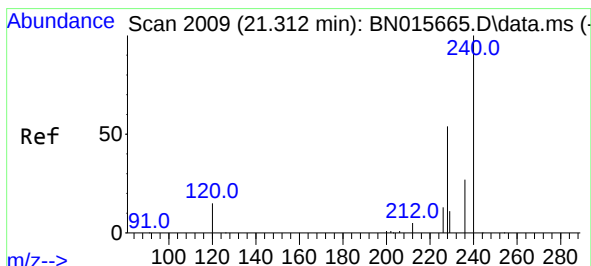
Tgt Ion:202 Resp: 973923
Ion Ratio Lower Upper
202 100
101 11.7 9.5 14.3
203 17.6 13.8 20.6



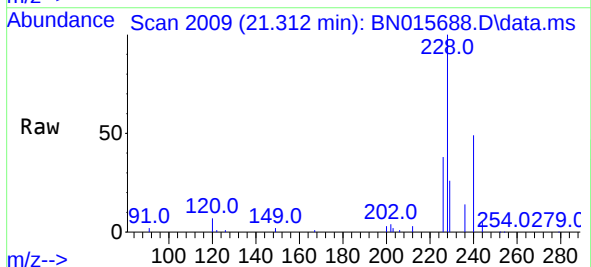
Instrument :
BNA_N
ClientSampleId :
STOCK-PILE-2DL

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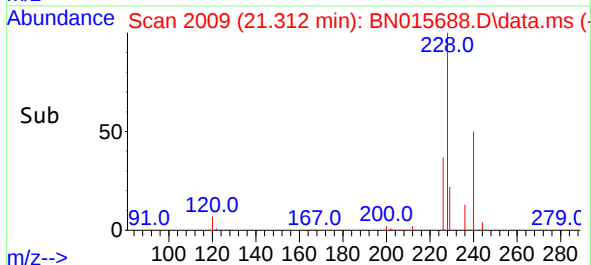
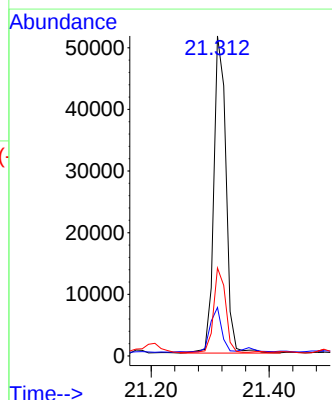
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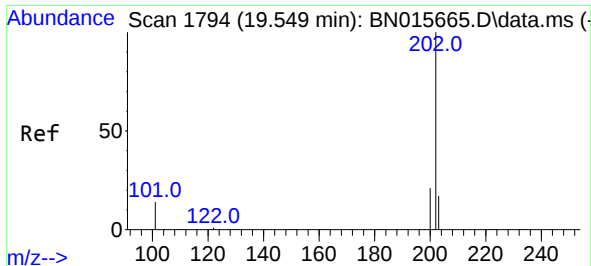


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.312 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BN015688.D
Acq: 24 Jul 2021 13:46



Tgt Ion:240 Resp: 73704
Ion Ratio Lower Upper
240 100
120 15.2 12.2 18.4
236 27.5 21.5 32.3





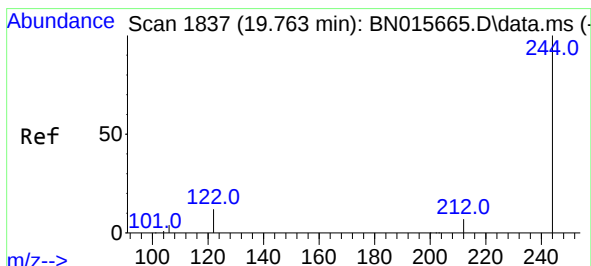
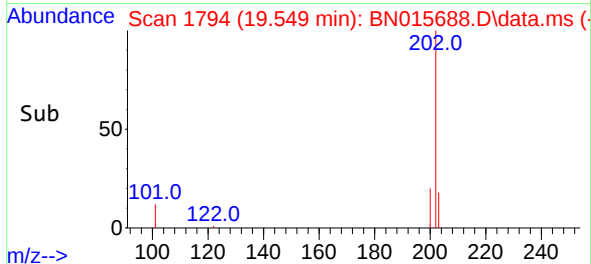
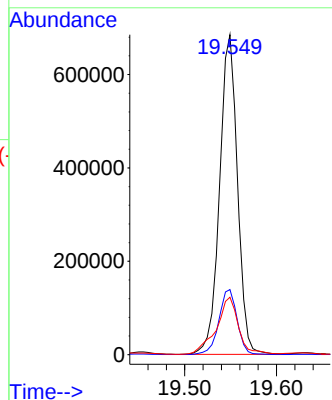
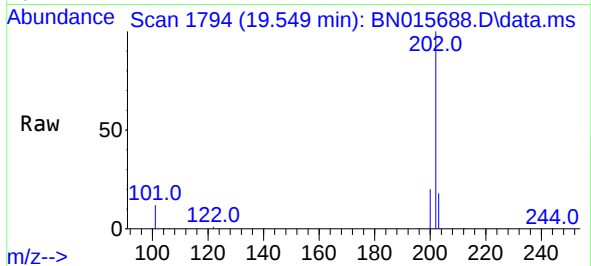
#30
Pyrene
Concen: 3.508 ng
RT: 19.549 min Scan# 1794
Delta R.T. 0.000 min
Lab File: BN015688.D
Acq: 24 Jul 2021 13:46

Tgt Ion:202 Resp: 928488
Ion Ratio Lower Upper
202 100
200 20.8 16.4 24.6
203 22.1 13.9 20.9#

Instrument :
BNA_N
ClientSampleId :
STOCK-PILE-2DL

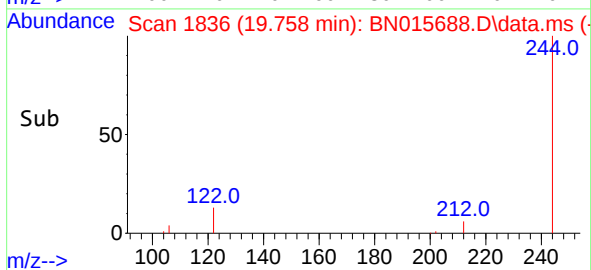
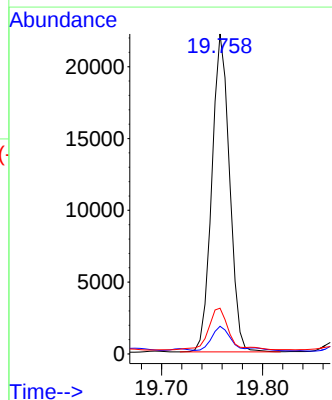
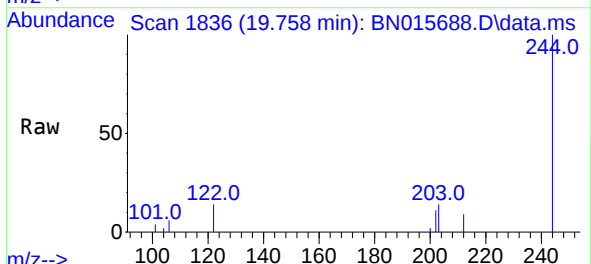
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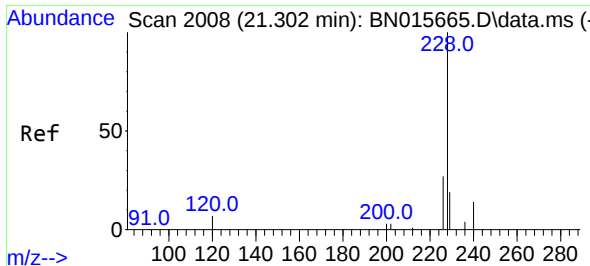
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#31
Terphenyl-d14
Concen: 0.154 ng
RT: 19.758 min Scan# 1836
Delta R.T. -0.005 min
Lab File: BN015688.D
Acq: 24 Jul 2021 13:46

Tgt Ion:244 Resp: 26973
Ion Ratio Lower Upper
244 100
212 8.6 6.1 9.1
122 14.3 10.1 15.1





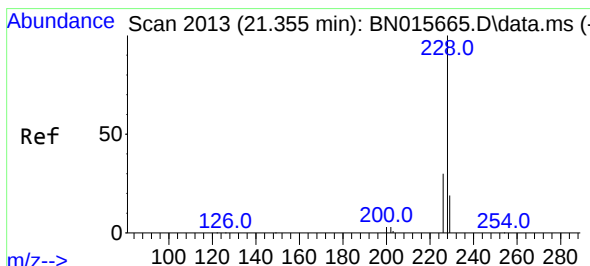
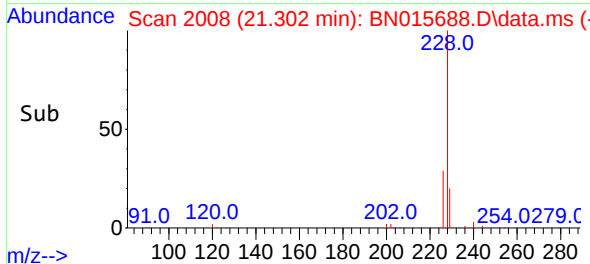
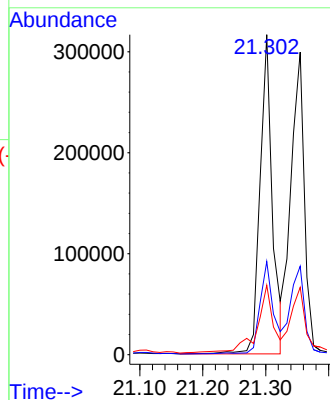
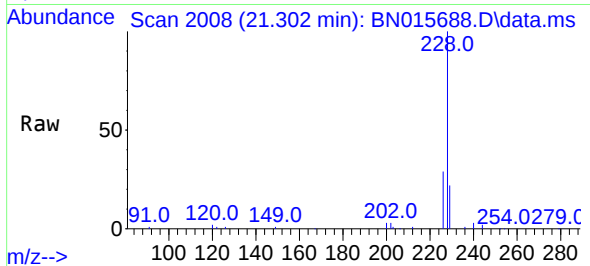
#32
Benzo(a)anthracene
Concen: 1.873 ng
RT: 21.302 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BN015688.D
Acq: 24 Jul 2021 13:46

Tgt Ion:228 Resp: 432670
Ion Ratio Lower Upper
228 100
226 29.1 21.4 32.0
229 21.7 15.5 23.3

Instrument :
BNA_N
ClientSampleId :
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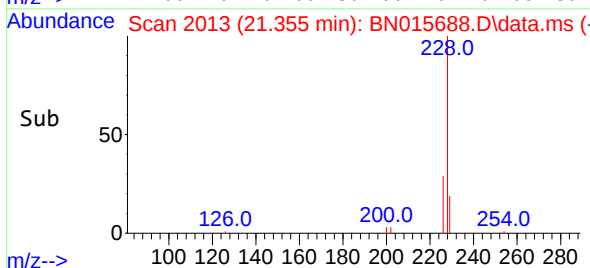
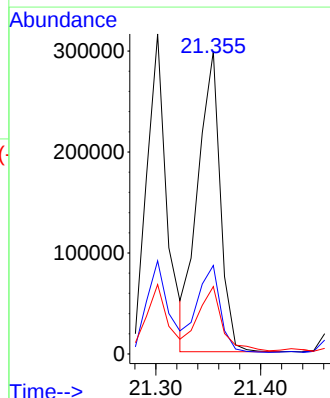
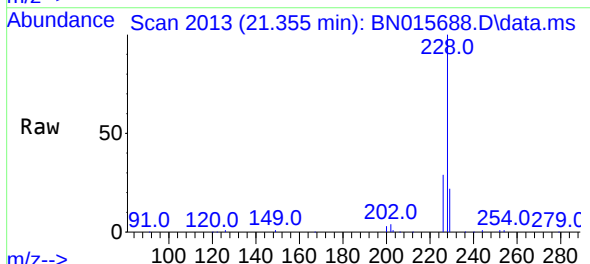
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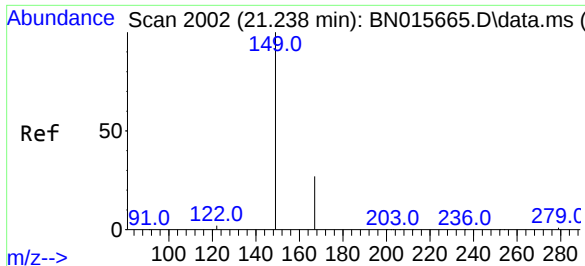
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#33
Chrysene
Concen: 1.720 ng
RT: 21.355 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BN015688.D
Acq: 24 Jul 2021 13:46

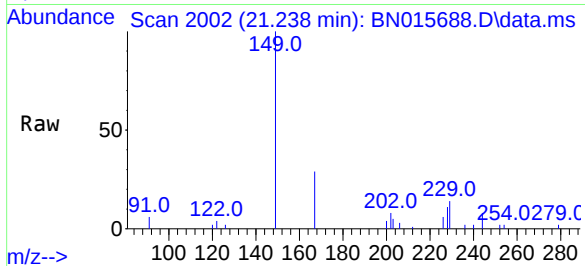
Tgt Ion:228 Resp: 440094
Ion Ratio Lower Upper
228 100
226 29.3 23.5 35.3
229 22.3 15.6 23.4





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.451 ng
RT: 21.238 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BN015688.D
Acq: 24 Jul 2021 13:46

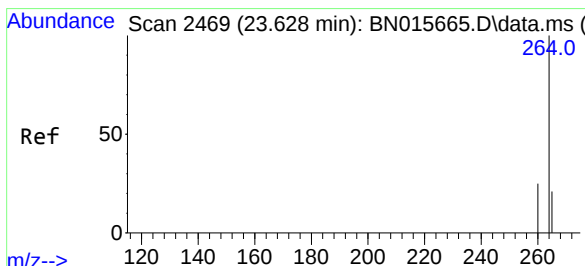
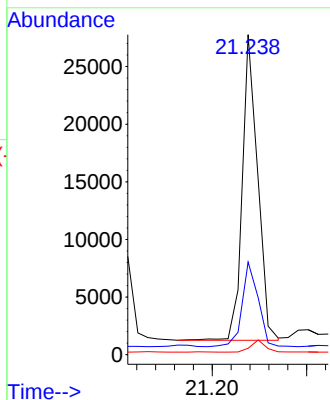
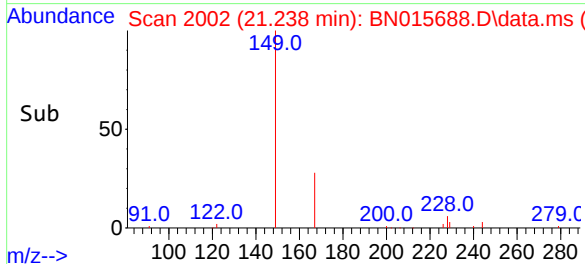
Instrument :
BNA_N
ClientSampleId :
STOCK-PILE-2DL



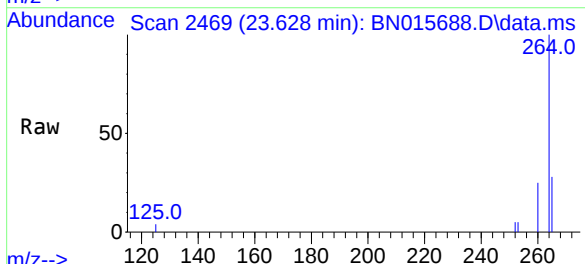
Tgt Ion:149 Resp: 29768
Ion Ratio Lower Upper
149 100
167 29.1 22.2 33.4
279 3.8 2.8 4.2

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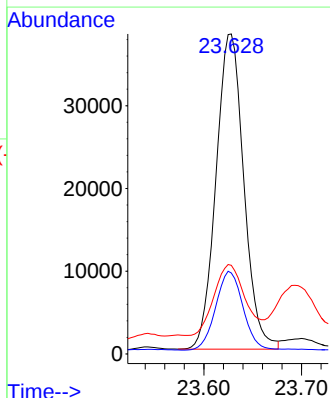
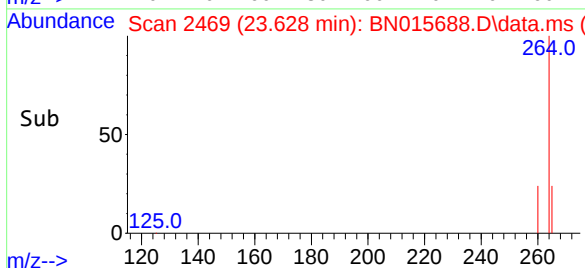
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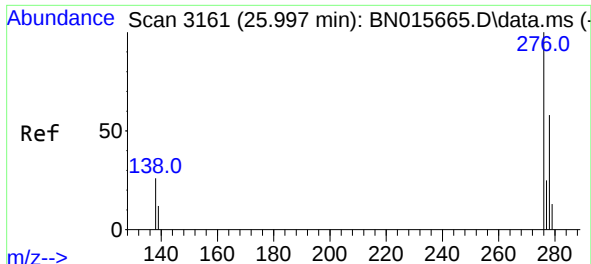


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.628 min Scan# 2469
Delta R.T. 0.000 min
Lab File: BN015688.D
Acq: 24 Jul 2021 13:46

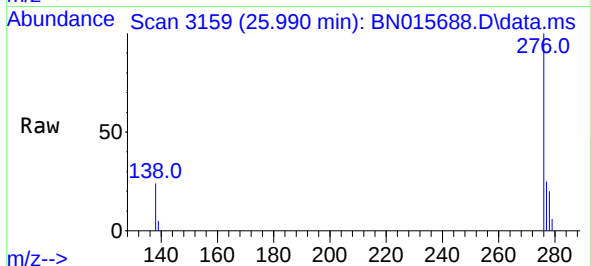


Tgt Ion:264 Resp: 75457
Ion Ratio Lower Upper
264 100
260 25.3 19.8 29.8
265 27.7 20.0 30.0

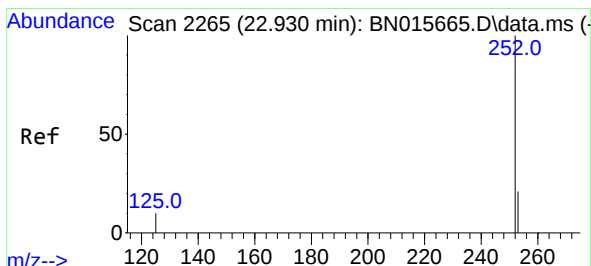
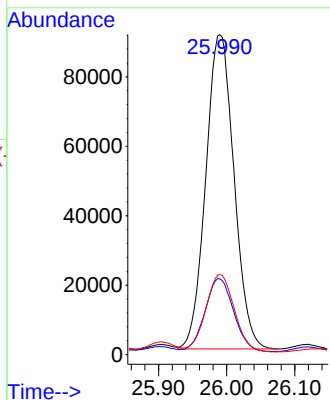
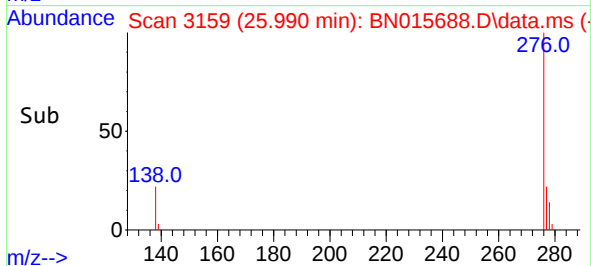




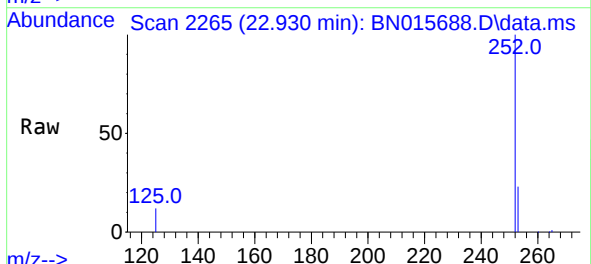
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.954 ng
RT: 25.990 min Scan# 3159
Delta R.T. -0.007 min
Lab File: BN015688.D
Acq: 24 Jul 2021 13:46



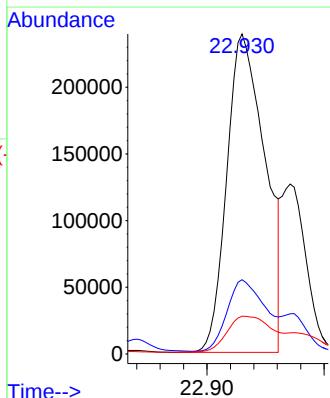
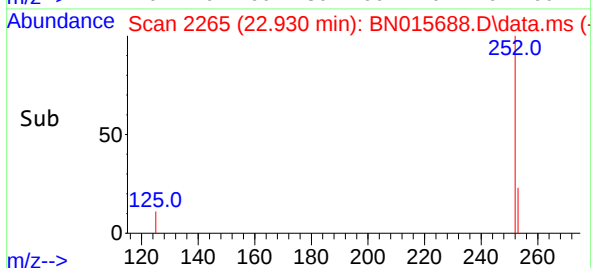
Tgt Ion: 276 Resp: 260805
Ion Ratio Lower Upper
276 100
138 23.6 21.8 32.6
277 24.8 19.9 29.9



#37
Benzo(b)fluoranthene
Concen: 1.916 ng
RT: 22.930 min Scan# 2265
Delta R.T. 0.000 min
Lab File: BN015688.D
Acq: 24 Jul 2021 13:46



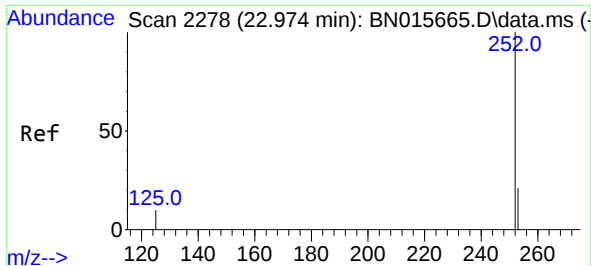
Tgt Ion: 252 Resp: 543831
Ion Ratio Lower Upper
252 100
253 23.2 17.6 26.4
125 11.8 8.8 13.2



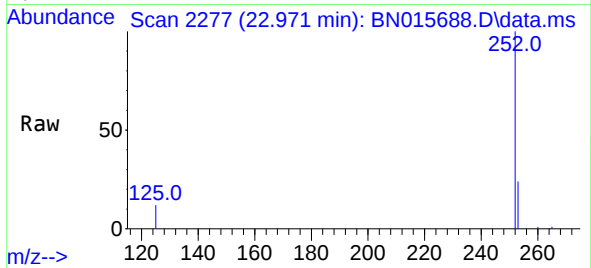
Instrument :
BNA_N
ClientSampleId :
STOCK-PILE-2DL

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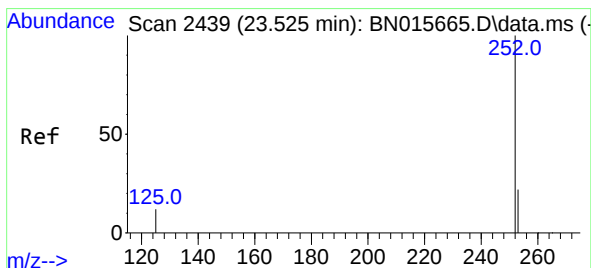
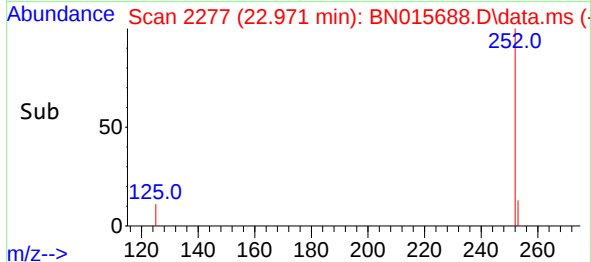
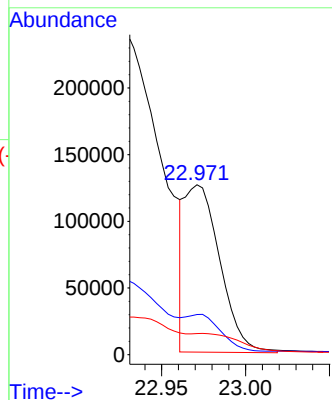
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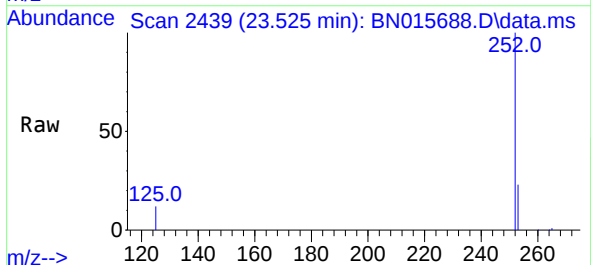
#38
Benzo(k)fluoranthene
Concen: 0.642 ng m
RT: 22.971 min Scan# 2277
Delta R.T. -0.003 min
Lab File: BN015688.D
Acq: 24 Jul 2021 13:46



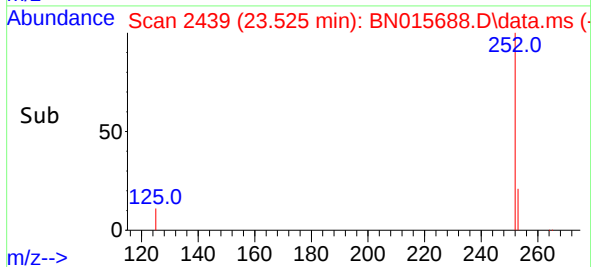
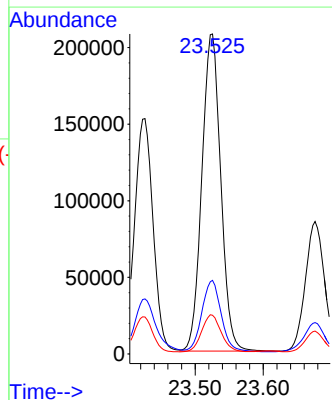
Tgt Ion:252 Resp: 182344
Ion Ratio Lower Upper
252 100
253 23.6 17.5 26.3
125 12.4 8.8 13.2



#39
Benzo(a)pyrene
Concen: 1.734 ng
RT: 23.525 min Scan# 2439
Delta R.T. 0.000 min
Lab File: BN015688.D
Acq: 24 Jul 2021 13:46



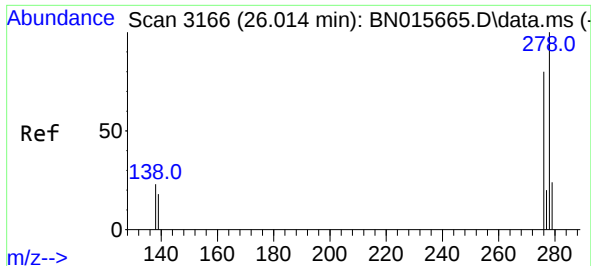
Tgt Ion:252 Resp: 398789
Ion Ratio Lower Upper
252 100
253 23.0 18.0 27.0
125 12.1 10.4 15.6



Instrument :
BNA_N
ClientSampleId :
STOCK-PILE-2DL

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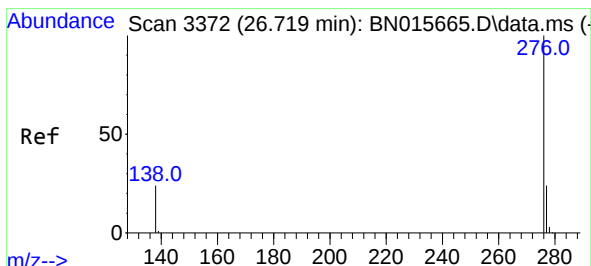
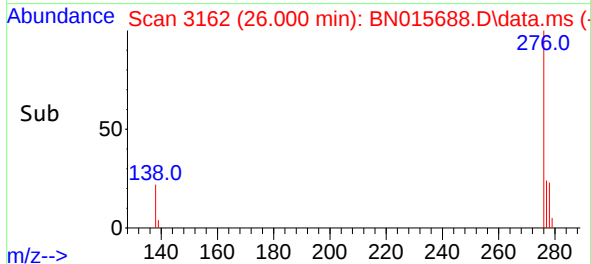
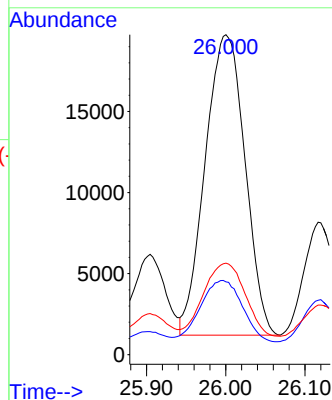
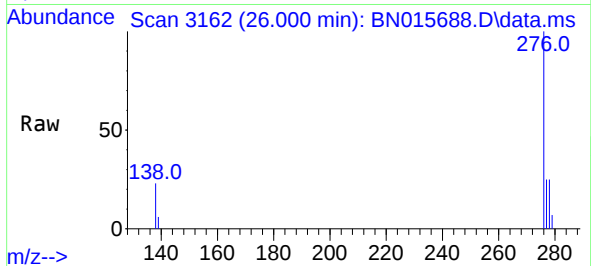
#40
Dibenzo(a,h)anthracene
Concen: 0.301 ng
RT: 26.000 min Scan# 3162
Delta R.T. -0.014 min
Lab File: BN015688.D
Acq: 24 Jul 2021 13:46

Tgt Ion:278 Resp: 64783
Ion Ratio Lower Upper
278 100
139 22.8 14.6 22.0#
279 28.6 19.3 28.9

Instrument :
BNA_N
ClientSampleId :
STOCK-PILE-2DL

Manual Integrations
APPROVED

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#41
Benzo(g,h,i)perylene
Concen: 1.086 ng
RT: 26.716 min Scan# 3371
Delta R.T. -0.003 min
Lab File: BN015688.D
Acq: 24 Jul 2021 13:46

Tgt Ion:276 Resp: 271823
Ion Ratio Lower Upper
276 100
277 24.1 19.1 28.7
138 23.8 19.1 28.7

