

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092021\
 Data File : BN016371.D
 Acq On : 21 Sep 2021 08:31
 Operator : CG/JU
 Sample : M3733-03
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SUP-UST-02-(5-7)

Manual Integrations
 APPROVED

Quant Time: Sep 21 09:04:57 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 20 11:09:23 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.688	152	20464	0.400	ng	0.00
7) Naphthalene-d8	10.444	136	99184	0.400	ng	#-0.01
13) Acenaphthene-d10	14.307	164	60154	0.400	ng	0.00
19) Phenanthrene-d10	17.054	188	128332	0.400	ng	0.00
29) Chrysene-d12	21.259	240	140157	0.400	ng	# 0.00
35) Perylene-d12	23.522	264	111378	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.319	112	13688	0.267	ng	0.00
5) Phenol-d6	6.868	99	40144	0.645	ng	0.00
8) Nitrobenzene-d5	8.822	82	43399	0.736	ng	0.00
11) 2-Methylnaphthalene-d10	12.043	152	36262	0.232	ng	0.00
14) 2,4,6-Tribromophenol	15.804	330	5740	0.325	ng	0.00
15) 2-Fluorobiphenyl	12.924	172	46423	0.197	ng	-0.01
27) Fluoranthene-d10	19.092	212	82020	0.221	ng	0.00
31) Terphenyl-d14	19.703	244	61657	0.190	ng	0.00
Target Compounds						
9) Naphthalene	10.495	128	11708	0.044	ng	# 83
12) 2-Methylnaphthalene	12.114	142	3881	0.022	ng	# 87
17) Acenaphthene	14.370	154	6086	0.035	ng	96
18) Fluorene	15.360	166	8665	0.040	ng	# 93
25) Phenanthrene	17.090	178	74072	0.204	ng	97
26) Anthracene	17.188	178	17274	0.049	ng	94
28) Fluoranthene	19.122	202	101398	0.243	ng	99
30) Pyrene	19.485	202	102254	0.231	ng	# 92
32) Benzo(a)anthracene	21.238	228	52880	0.117	ng	# 74
33) Chrysene	21.291	228	55775	0.128	ng	# 75
34) Bis(2-ethylhexyl)phtha...	21.195	149	111836	0.461	ng	99
36) Indeno(1,2,3-cd)pyrene	25.815	276	17790	0.049	ng	94
37) Benzo(b)fluoranthene	22.844	252	67742	0.192	ng	# 1
38) Benzo(k)fluoranthene	22.882	252	21350m	0.063	ng	
39) Benzo(a)pyrene	23.423	252	43102	0.135	ng	# 1
41) Benzo(g,h,i)perylene	26.520	276	20078	0.066	ng	# 60

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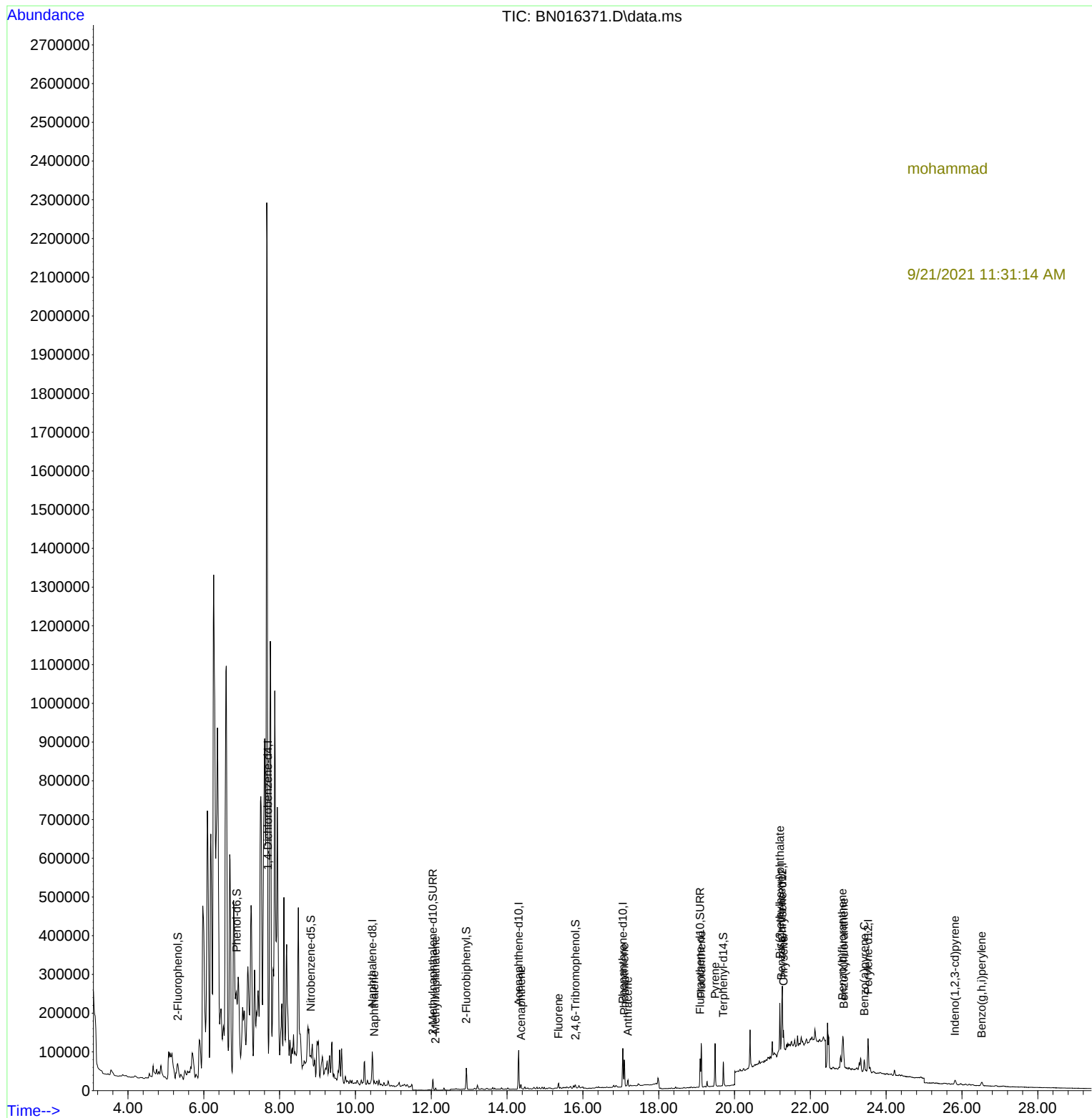
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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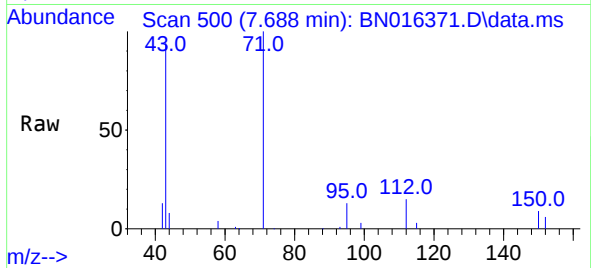
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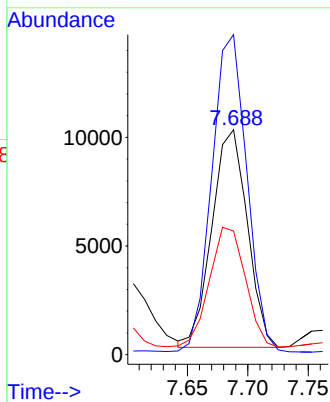
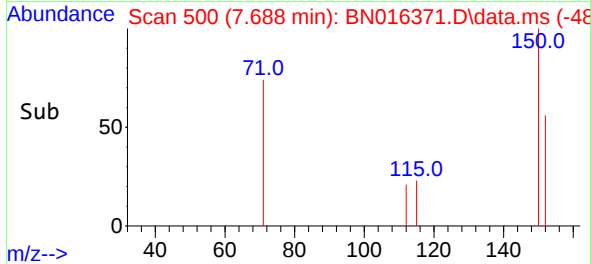




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.688 min Scan# 500
Delta R.T. 0.000 min
Lab File: BN016371.D
Acq: 21 Sep 2021 08:31



Tgt Ion:152 Resp: 20464
Ion Ratio Lower Upper
152 100
150 142.3 125.6 188.4
115 55.0 50.2 75.2

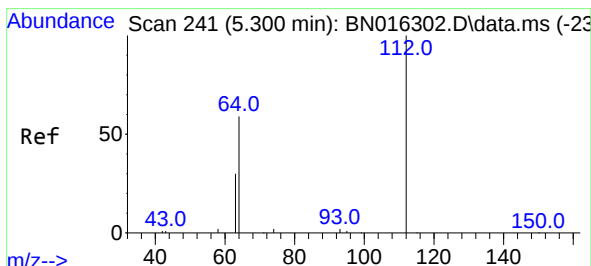


Instrument :
BNA_N
ClientSampleId :
SUP-UST-02-(5-7)

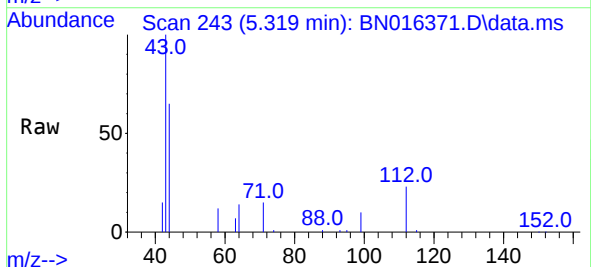
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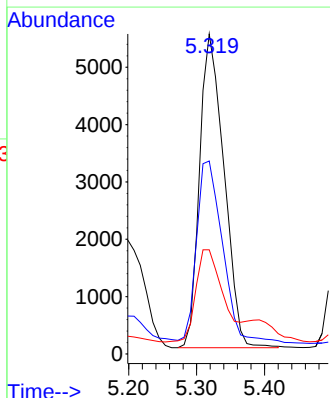
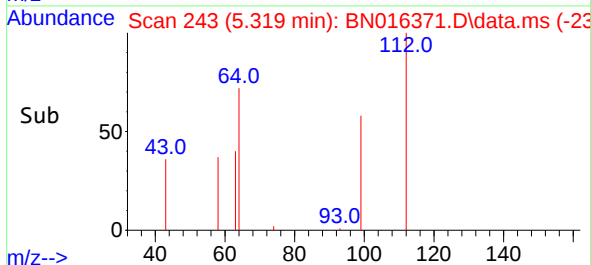
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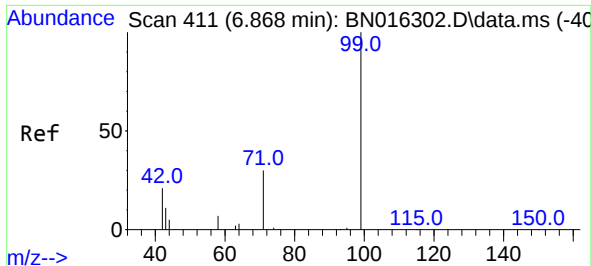


#4
2-Fluorophenol
Concen: 0.267 ng
RT: 5.319 min Scan# 243
Delta R.T. 0.009 min
Lab File: BN016371.D
Acq: 21 Sep 2021 08:31



Tgt Ion:112 Resp: 13688
Ion Ratio Lower Upper
112 100
64 59.2 47.3 70.9
63 32.6 23.4 35.0



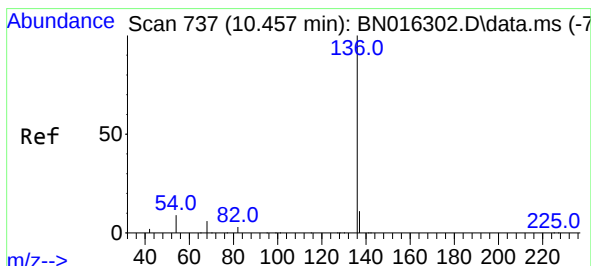
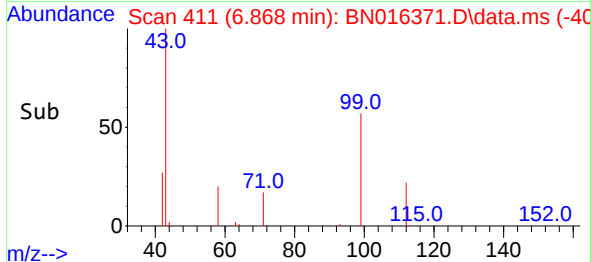
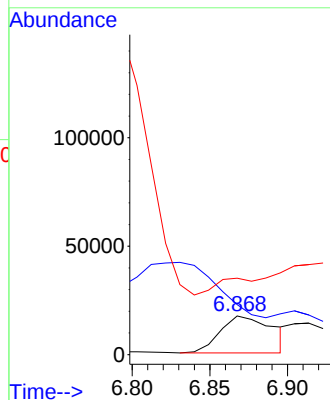
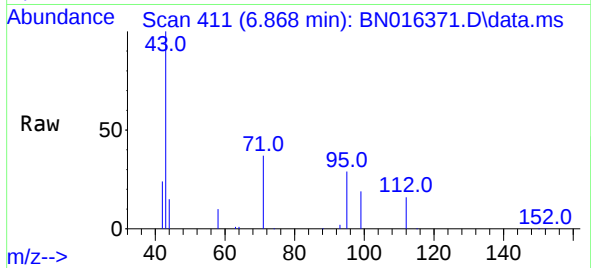


#5
Phenol-d6
Concen: 0.645 ng
RT: 6.868 min Scan# 411
Delta R.T. 0.000 min
Lab File: BN016371.D
Acq: 21 Sep 2021 08:31

Tgt Ion: 99 Resp: 40144
Ion Ratio Lower Upper
99 100
42 0.0 14.0 21.0#
71 0.0 23.8 35.6#

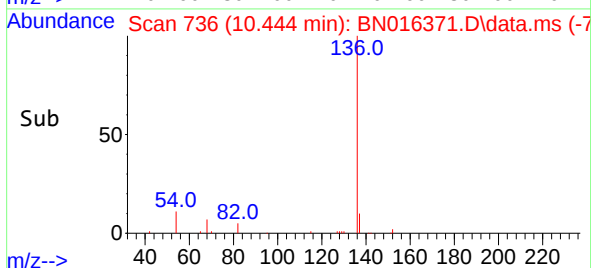
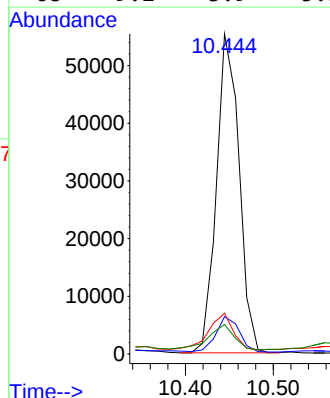
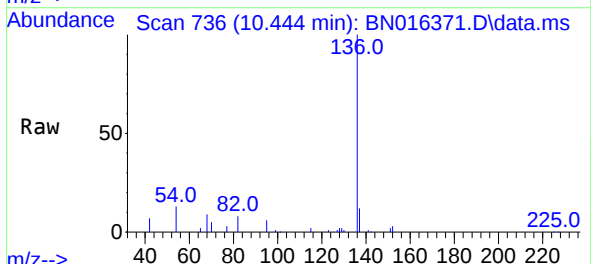
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ClientSampleId :
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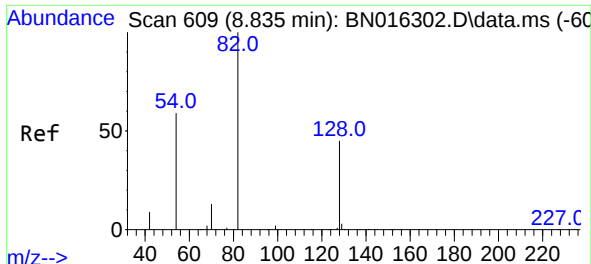
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.444 min Scan# 736
Delta R.T. -0.013 min
Lab File: BN016371.D
Acq: 21 Sep 2021 08:31

Tgt Ion: 136 Resp: 99184
Ion Ratio Lower Upper
136 100
137 11.7 8.8 13.2
54 12.7 5.3 7.9#
68 9.2 3.9 5.9#



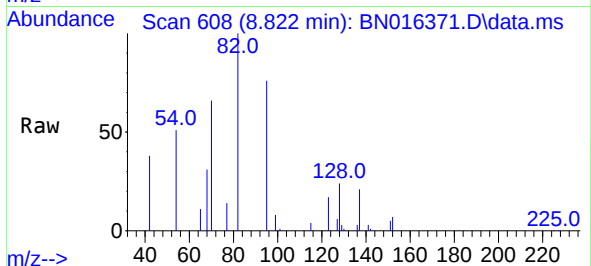
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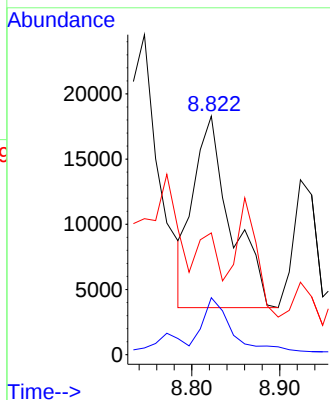
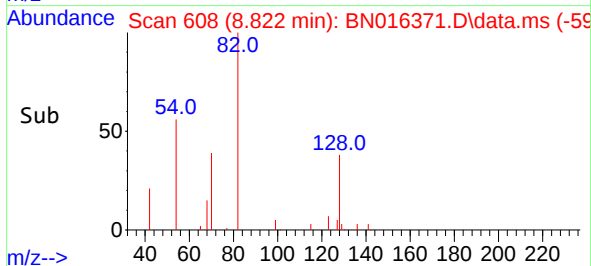
#8
Nitrobenzene-d5
Concen: 0.736 ng
RT: 8.822 min Scan# 608
Delta R.T. 0.000 min
Lab File: BN016371.D
Acq: 21 Sep 2021 08:31

Instrument :
BNA_N
ClientSampleId :
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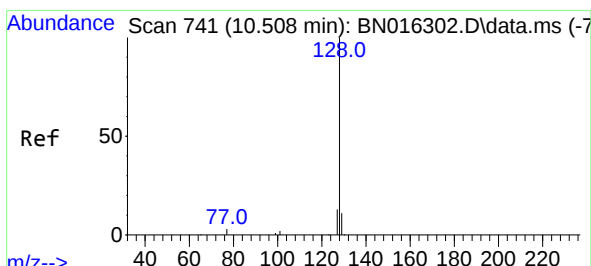
Tgt Ion: 82 Resp: 43399
Ion Ratio Lower Upper
82 100
128 23.9 31.7 47.5#
54 51.0 46.4 69.6

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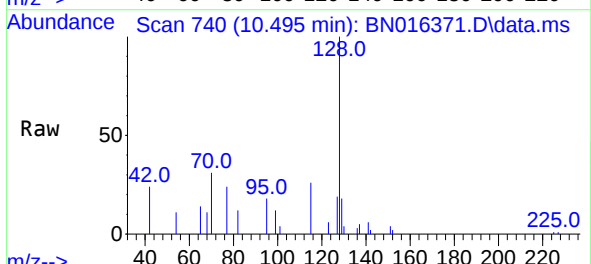


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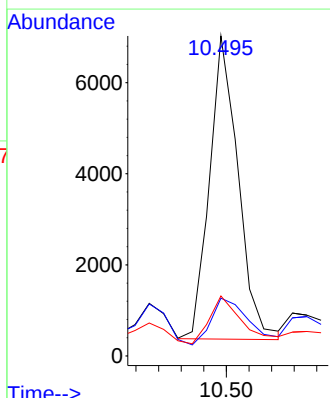
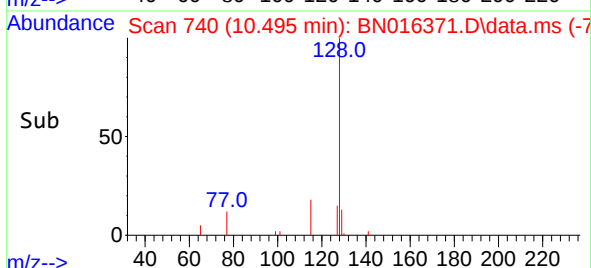
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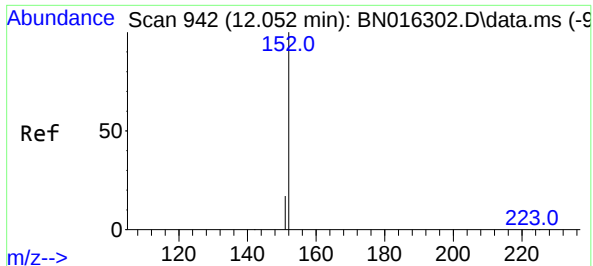


#9
Naphthalene
Concen: 0.044 ng
RT: 10.495 min Scan# 740
Delta R.T. 0.000 min
Lab File: BN016371.D
Acq: 21 Sep 2021 08:31



Tgt Ion: 128 Resp: 11708
Ion Ratio Lower Upper
128 100
129 18.0 8.9 13.3#
127 18.7 10.1 15.1#



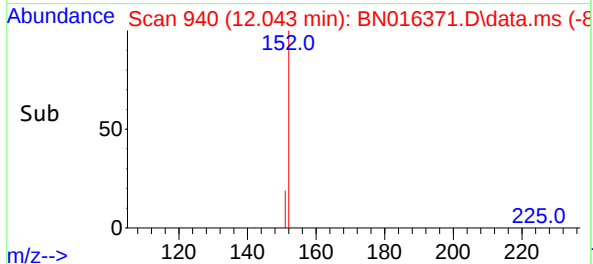
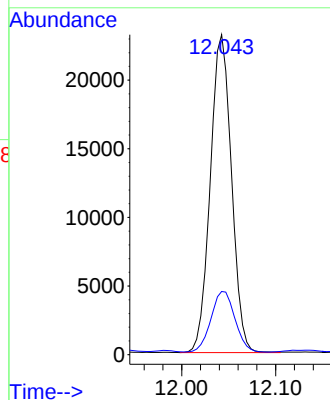
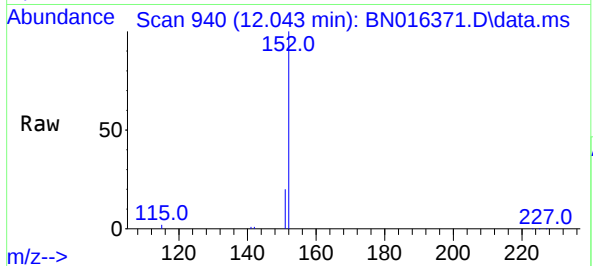


#11
2-Methylnaphthalene-d10
Concen: 0.232 ng
RT: 12.043 min Scan# 940
Delta R.T. -0.004 min
Lab File: BN016371.D
Acq: 21 Sep 2021 08:31

Tgt Ion:152 Resp: 36262
Ion Ratio Lower Upper
152 100
151 21.6 16.1 24.1

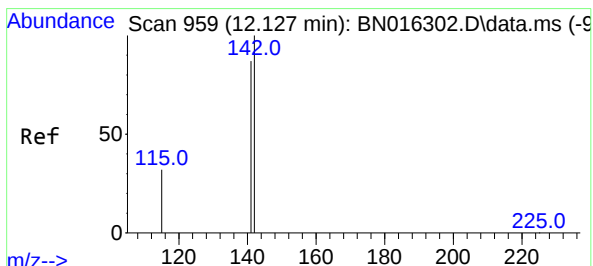
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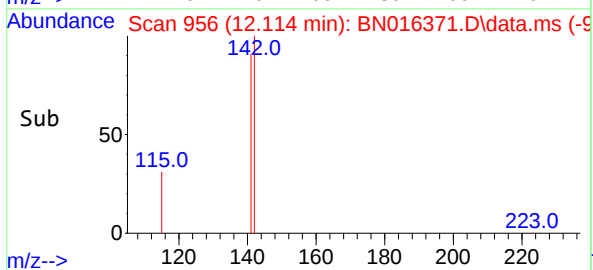
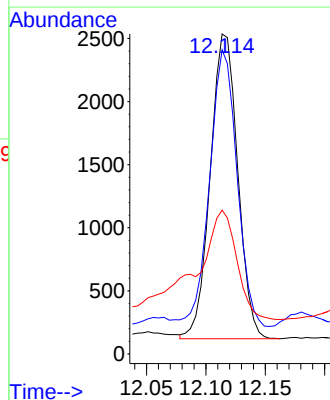
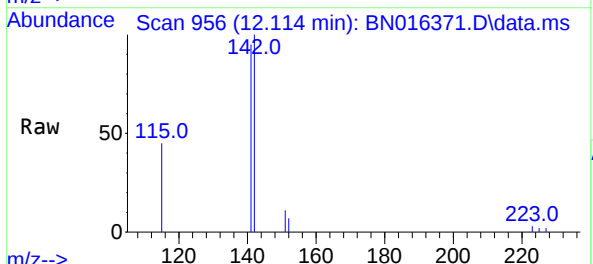
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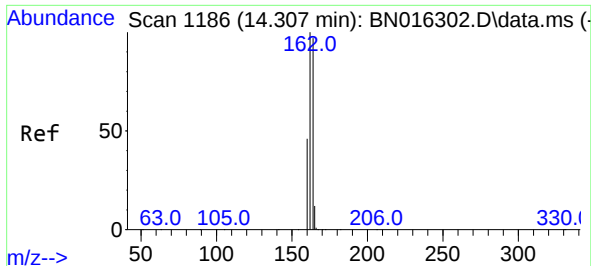
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#12
2-Methylnaphthalene
Concen: 0.022 ng
RT: 12.114 min Scan# 956
Delta R.T. -0.004 min
Lab File: BN016371.D
Acq: 21 Sep 2021 08:31

Tgt Ion:142 Resp: 3881
Ion Ratio Lower Upper
142 100
141 95.1 69.8 104.8
115 45.0 24.4 36.6#





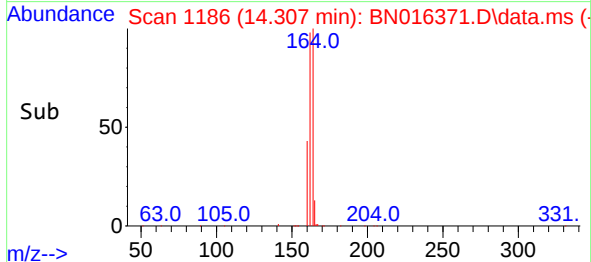
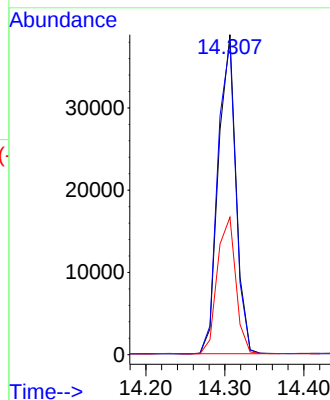
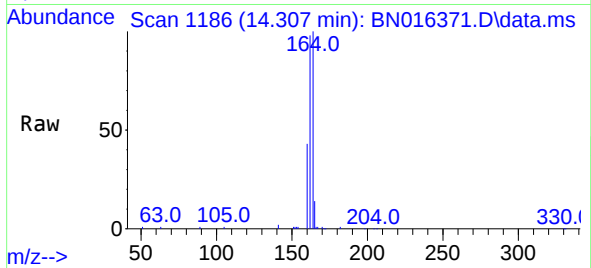
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.307 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BN016371.D
Acq: 21 Sep 2021 08:31

Tgt Ion:164 Resp: 60154

Ion	Ratio	Lower	Upper
164	100		
162	97.6	79.0	118.4
160	43.0	34.1	51.1

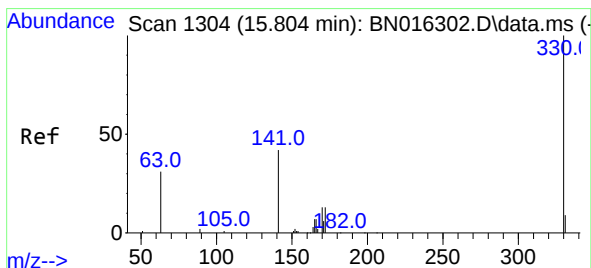
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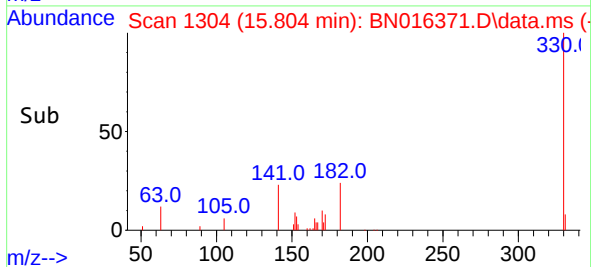
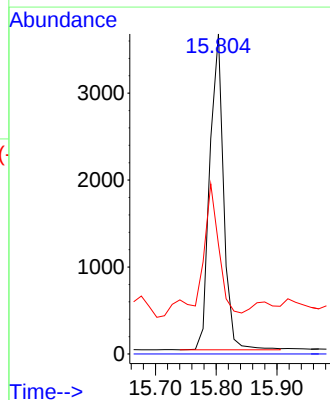
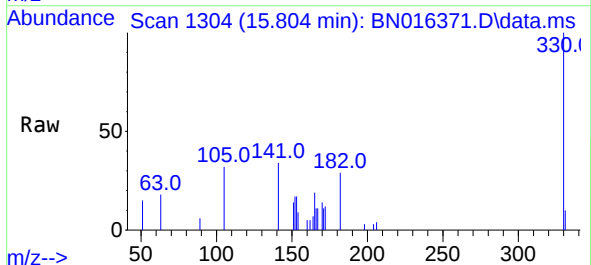
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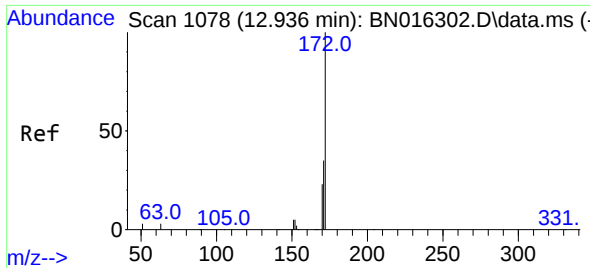


#14
2,4,6-Tribromophenol
Concen: 0.325 ng
RT: 15.804 min Scan# 1304
Delta R.T. 0.000 min
Lab File: BN016371.D
Acq: 21 Sep 2021 08:31

Tgt Ion:330 Resp: 5740

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	44.9	25.0	37.4



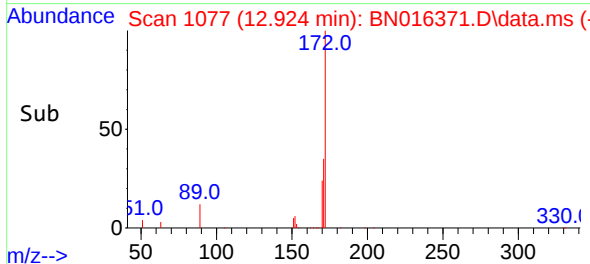
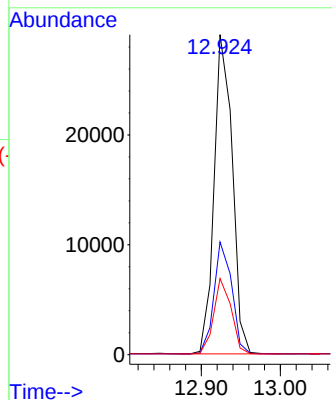
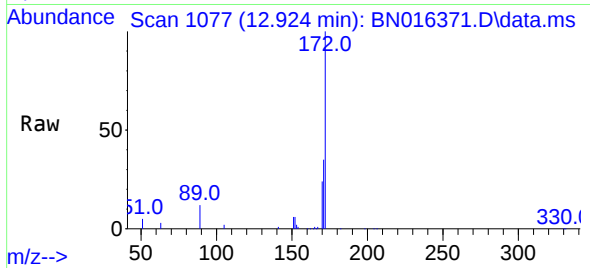


#15
2-Fluorobiphenyl
Concen: 0.197 ng
RT: 12.924 min Scan# 1077
Delta R.T. -0.013 min
Lab File: BN016371.D
Acq: 21 Sep 2021 08:31

Tgt Ion:172 Resp: 46423
Ion Ratio Lower Upper
172 100
171 35.2 27.8 41.6
170 23.8 18.2 27.2

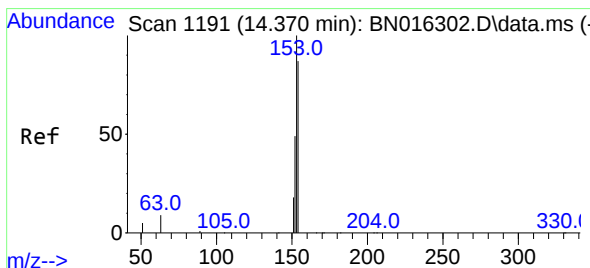
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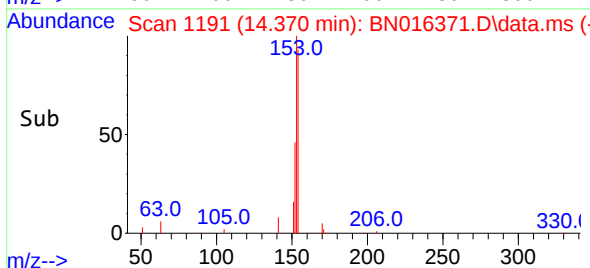
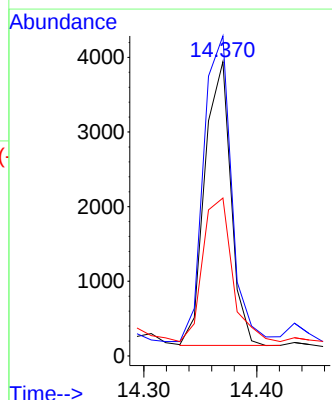
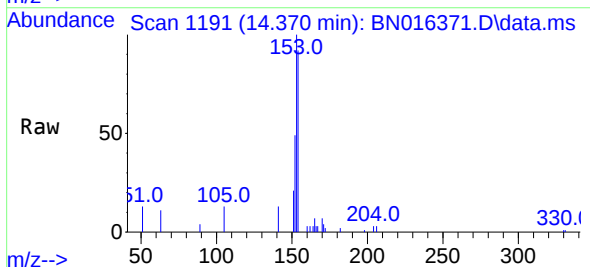
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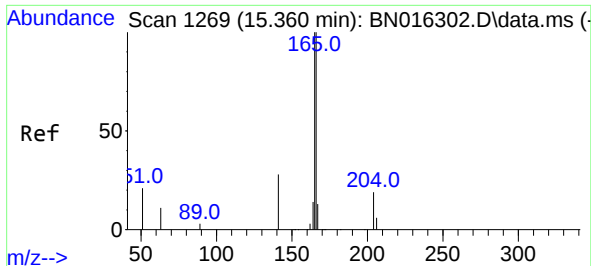
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#17
Acenaphthene
Concen: 0.035 ng
RT: 14.370 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BN016371.D
Acq: 21 Sep 2021 08:31

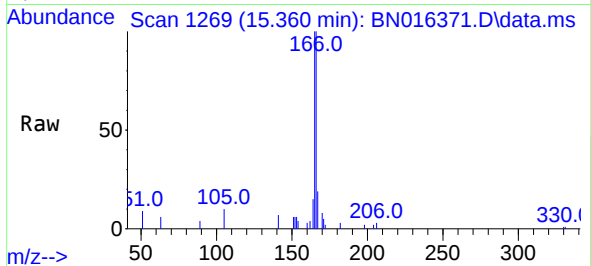
Tgt Ion:154 Resp: 6086
Ion Ratio Lower Upper
154 100
153 115.1 89.3 133.9
152 57.0 42.2 63.4





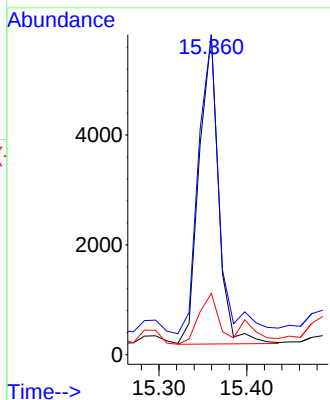
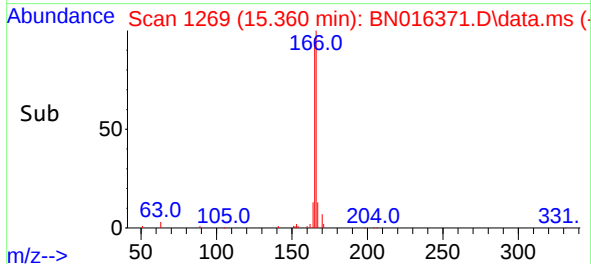
#18
Fluorene
Concen: 0.040 ng
RT: 15.360 min Scan# 1269
Delta R.T. 0.000 min
Lab File: BN016371.D
Acq: 21 Sep 2021 08:31

Instrument :
BNA_N
ClientSampleId :
SUP-UST-02-(5-7)



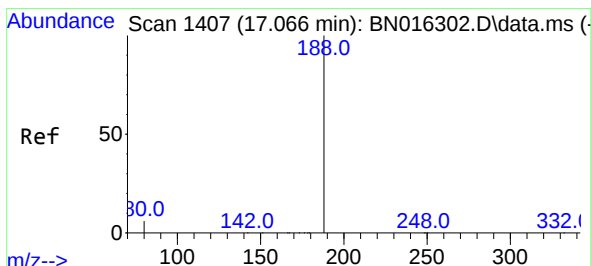
Tgt Ion:166 Resp: 8665
Ion Ratio Lower Upper
166 100
165 102.6 76.7 115.1
167 17.2 10.9 16.3#

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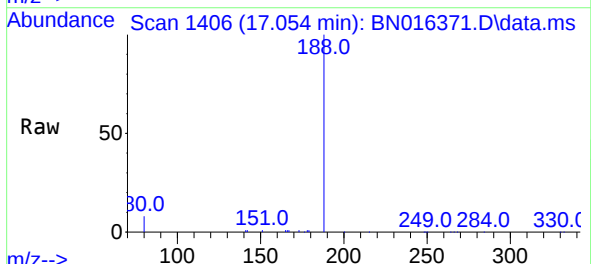


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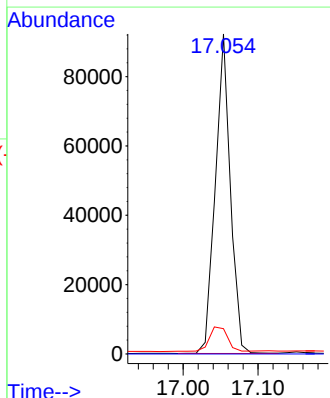
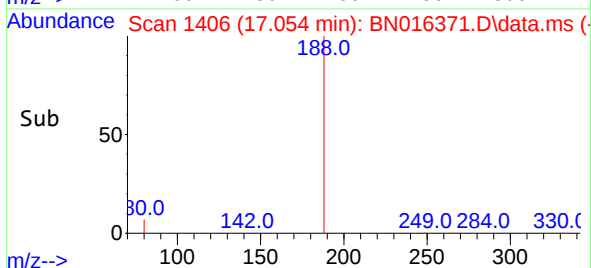
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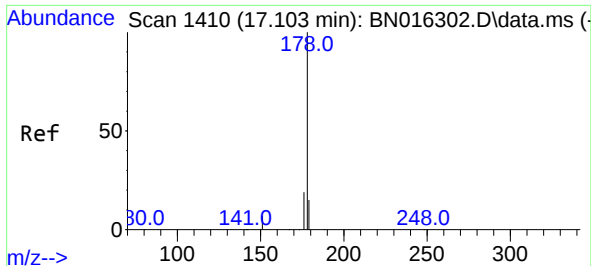


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.054 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BN016371.D
Acq: 21 Sep 2021 08:31



Tgt Ion:188 Resp: 128332
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.9 7.0 10.6



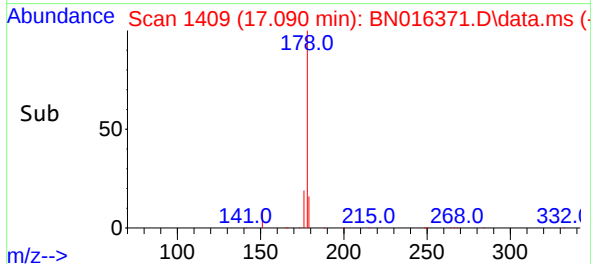
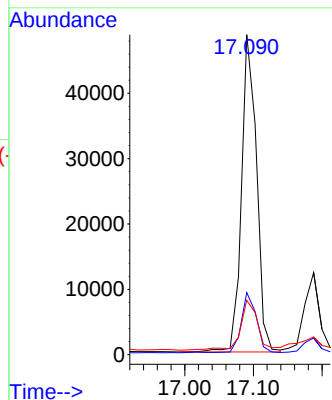
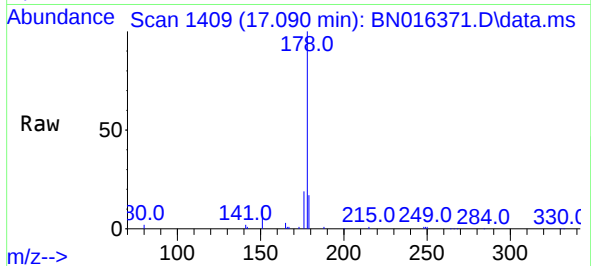


#25
Phenanthrene
Concen: 0.204 ng
RT: 17.090 min Scan# 1409
Delta R.T. -0.012 min
Lab File: BN016371.D
Acq: 21 Sep 2021 08:31

Tgt Ion:178 Resp: 74072
Ion Ratio Lower Upper
178 100
176 18.6 14.4 21.6
179 17.5 12.2 18.4

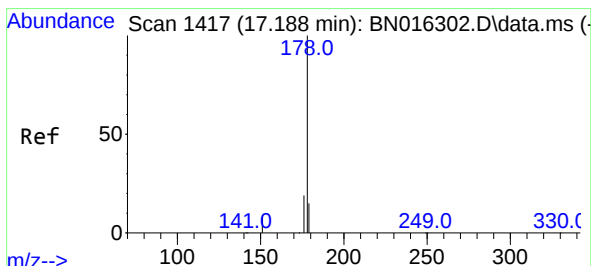
Instrument :
BNA_N
ClientSampleId :
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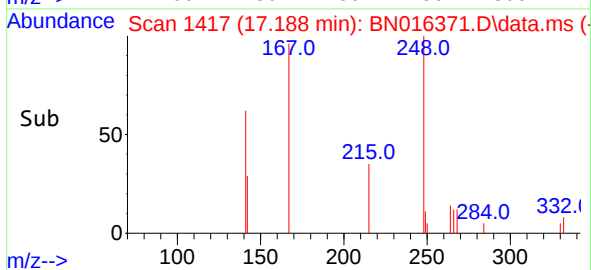
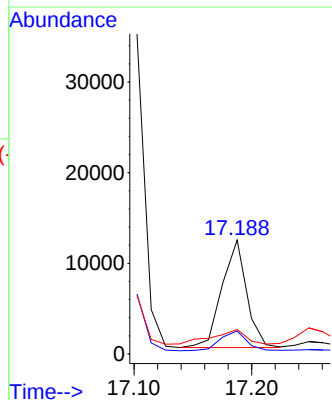
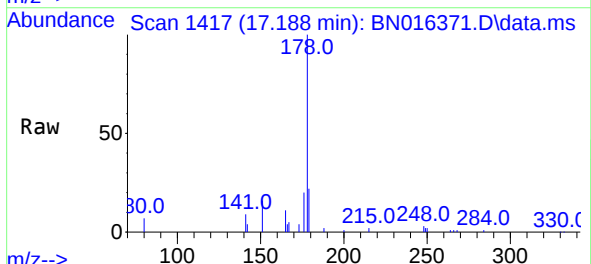
mohammad

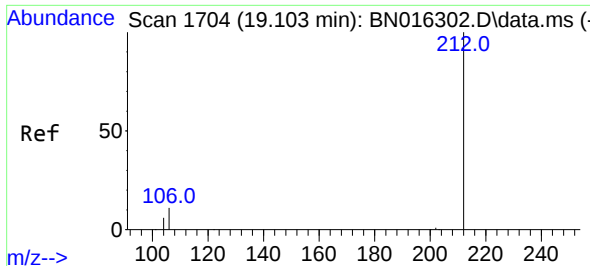
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#26
Anthracene
Concen: 0.049 ng
RT: 17.188 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BN016371.D
Acq: 21 Sep 2021 08:31

Tgt Ion:178 Resp: 17274
Ion Ratio Lower Upper
178 100
176 19.7 13.9 20.9
179 18.1 12.2 18.4



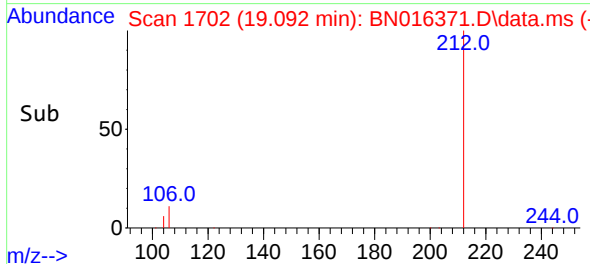
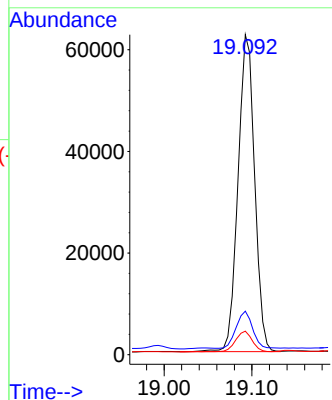
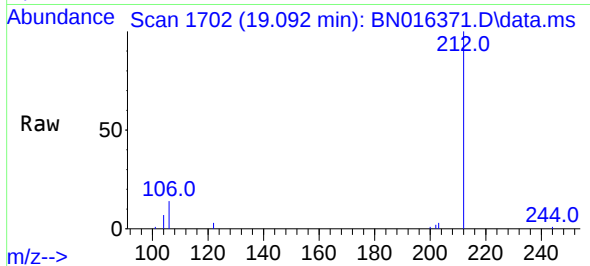


#27
Fluoranthene-d10
Concen: 0.221 ng
RT: 19.092 min Scan# 1702
Delta R.T. -0.005 min
Lab File: BN016371.D
Acq: 21 Sep 2021 08:31

Tgt Ion:	212	Resp:	82020
Ion Ratio	Lower	Upper	
212	100		
106	11.8	9.8	14.6
104	6.7	5.4	8.2

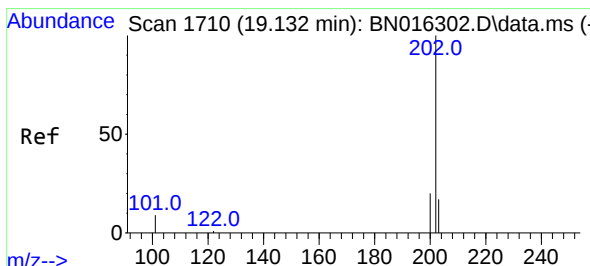
Instrument :
BNA_N
ClientSampleId :
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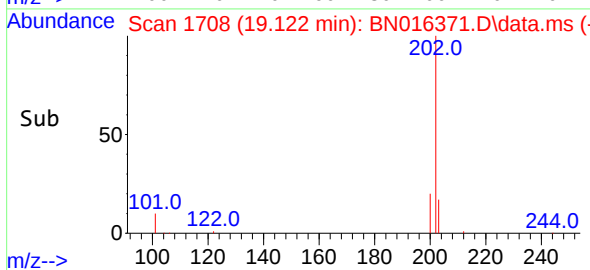
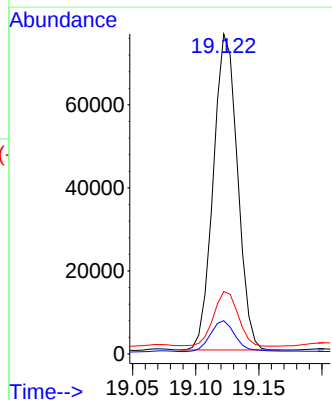
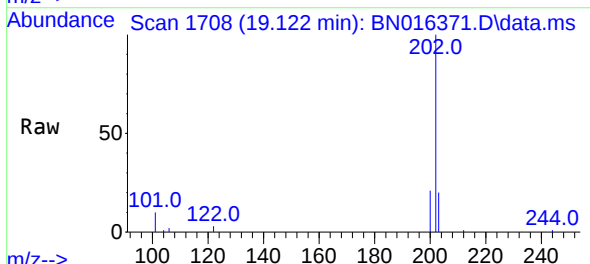
mohammad

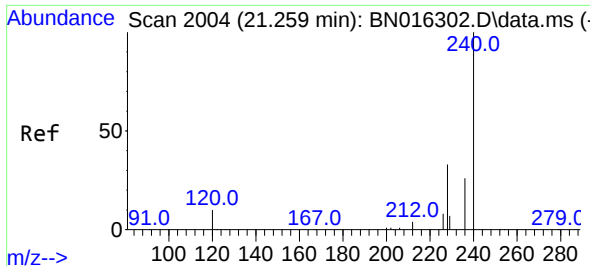
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#28
Fluoranthene
Concen: 0.243 ng
RT: 19.122 min Scan# 1708
Delta R.T. -0.005 min
Lab File: BN016371.D
Acq: 21 Sep 2021 08:31

Tgt Ion:	202	Resp:	101398
Ion Ratio	Lower	Upper	
202	100		
101	10.4	8.5	12.7
203	17.7	13.8	20.8



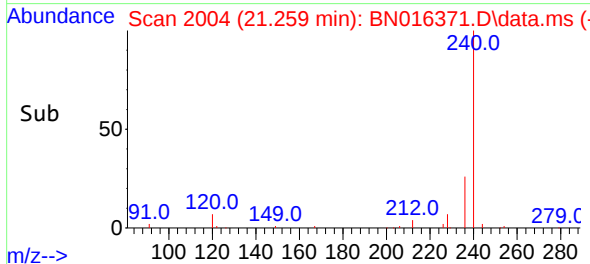
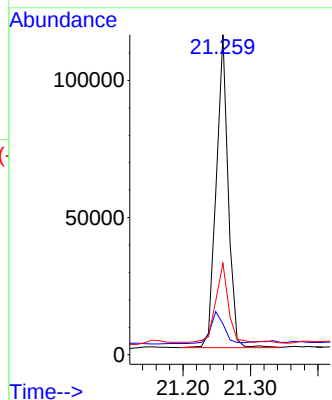
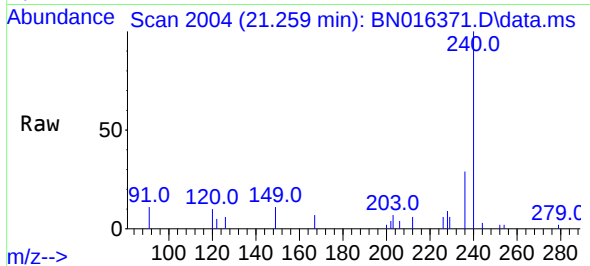


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.259 min Scan# 2004
Delta R.T. 0.000 min
Lab File: BN016371.D
Acq: 21 Sep 2021 08:31

Tgt Ion:240 Resp: 140157
Ion Ratio Lower Upper
240 100
120 9.6 5.3 7.9#
236 28.5 19.8 29.8

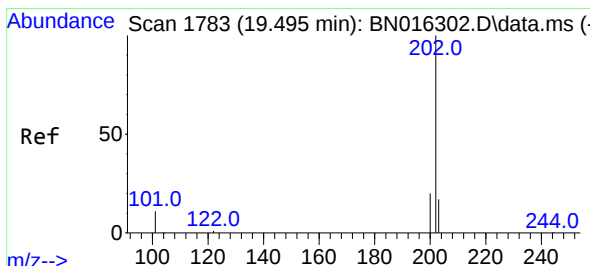
Instrument :
BNA_N
ClientSampleId :
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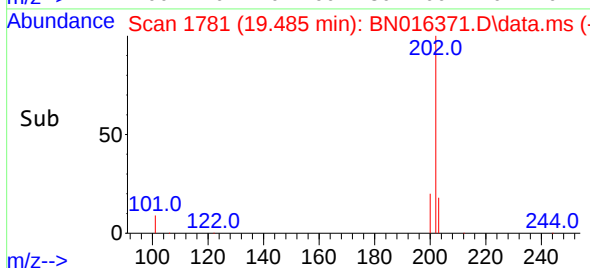
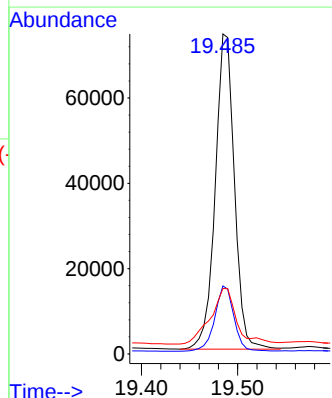
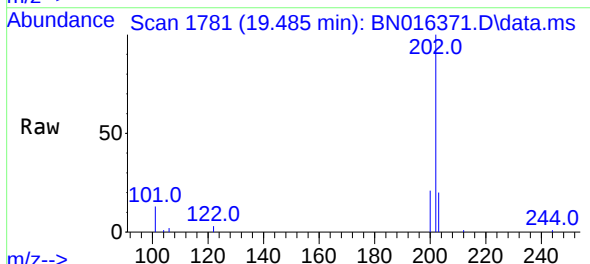
mohammad

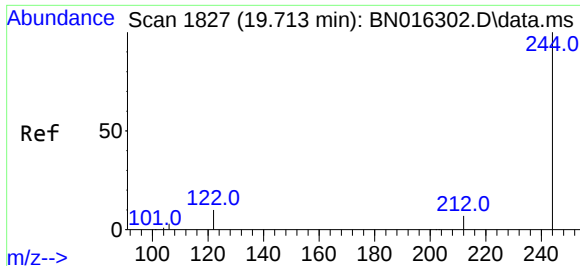
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#30
Pyrene
Concen: 0.231 ng
RT: 19.485 min Scan# 1781
Delta R.T. -0.005 min
Lab File: BN016371.D
Acq: 21 Sep 2021 08:31

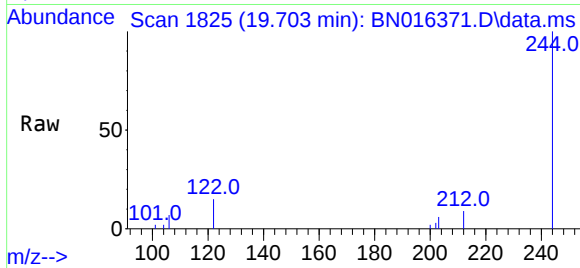
Tgt Ion:202 Resp: 102254
Ion Ratio Lower Upper
202 100
200 20.7 15.8 23.6
203 23.8 13.9 20.9#





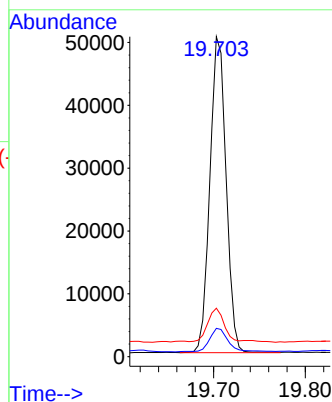
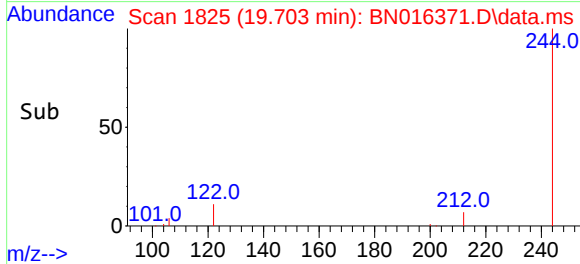
#31
Terphenyl-d14
Concen: 0.190 ng
RT: 19.703 min Scan# 1825
Delta R.T. -0.005 min
Lab File: BN016371.D
Acq: 21 Sep 2021 08:31

Instrument :
BNA_N
ClientSampleId :
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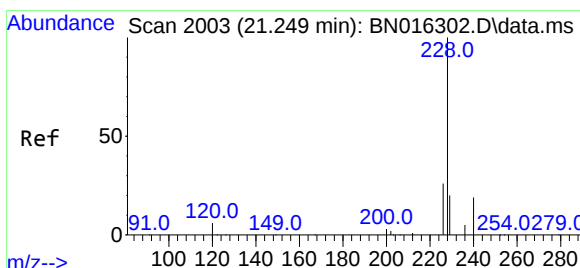
Tgt Ion:244 Resp: 61657
Ion Ratio Lower Upper
244 100
212 8.9 5.5 8.3#
122 15.1 9.0 13.4#

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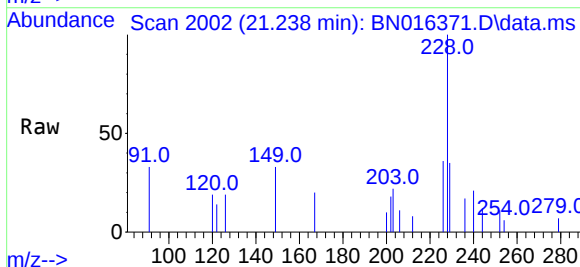


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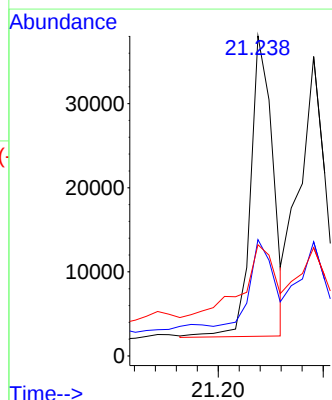
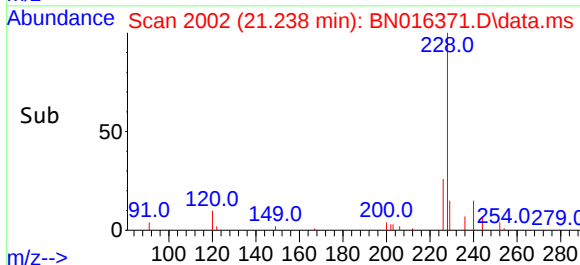
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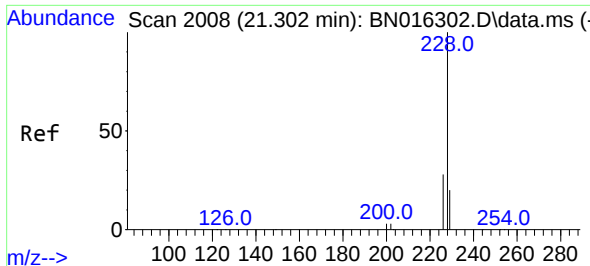


#32
Benzo(a)anthracene
Concen: 0.117 ng
RT: 21.238 min Scan# 2002
Delta R.T. -0.011 min
Lab File: BN016371.D
Acq: 21 Sep 2021 08:31



Tgt Ion:228 Resp: 52880
Ion Ratio Lower Upper
228 100
226 36.4 20.8 31.2#
229 34.8 15.8 23.6#



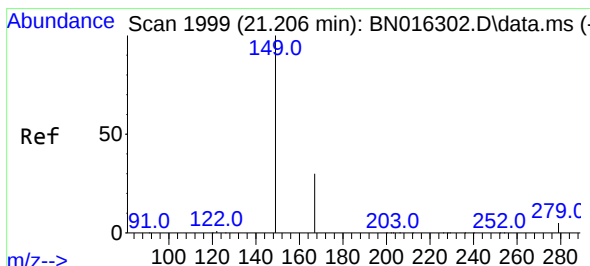
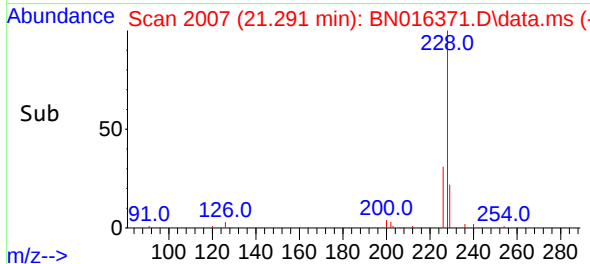
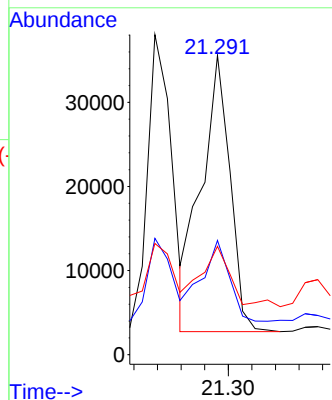
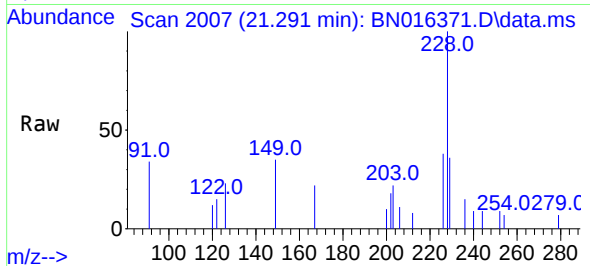


#33
Chrysene
Concen: 0.128 ng
RT: 21.291 min Scan# 2007
Delta R.T. 0.000 min
Lab File: BN016371.D
Acq: 21 Sep 2021 08:31

Tgt Ion:228 Resp: 55775
Ion Ratio Lower Upper
228 100
226 38.2 23.0 34.4#
229 36.2 15.6 23.4#

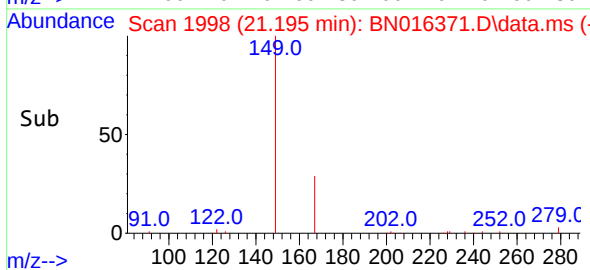
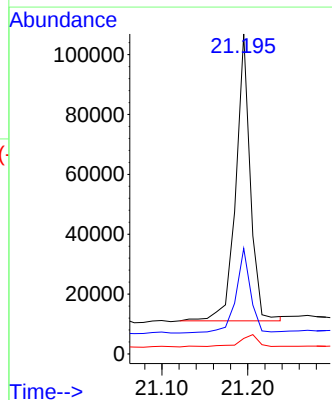
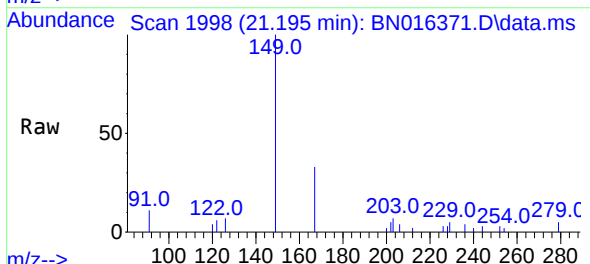
Instrument :
BNA_N
ClientSampleId :
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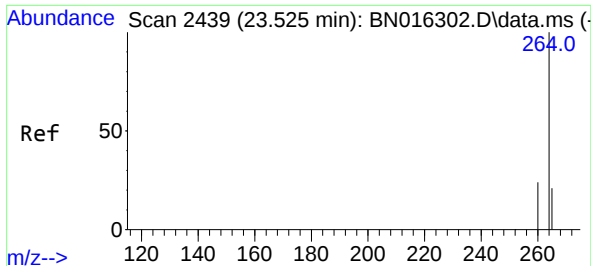
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.461 ng
RT: 21.195 min Scan# 1998
Delta R.T. 0.000 min
Lab File: BN016371.D
Acq: 21 Sep 2021 08:31

Tgt Ion:149 Resp: 111836
Ion Ratio Lower Upper
149 100
167 29.7 23.4 35.0
279 5.7 3.9 5.9



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#35

Perylene-d12

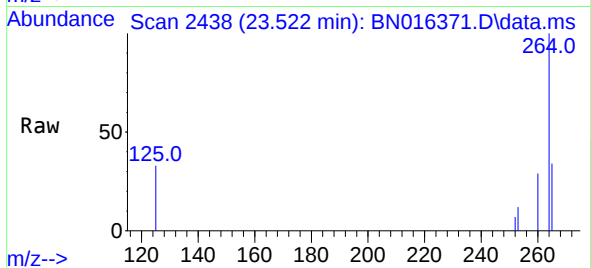
Concen: 0.400 ng

RT: 23.522 min Scan# 2438

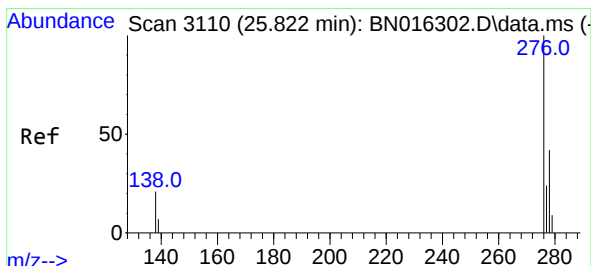
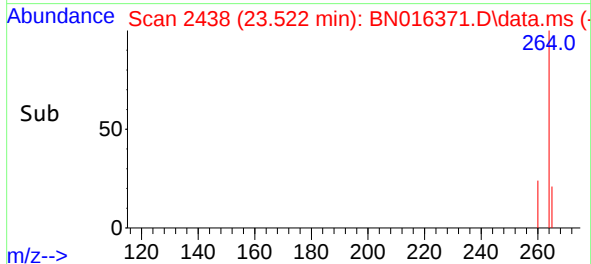
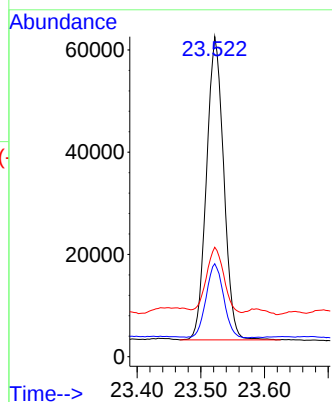
Delta R.T. -0.003 min

Lab File: BN016371.D

Acq: 21 Sep 2021 08:31



Tgt Ion:	264	Resp:	111378
Ion Ratio	Lower	Upper	
264	100		
260	29.1	18.9	28.3#
265	34.2	23.7	35.5



#36

Indeno(1,2,3-cd)pyrene

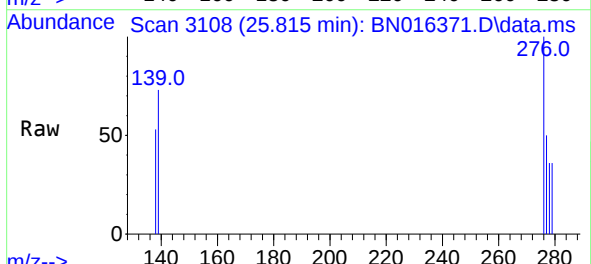
Concen: 0.049 ng

RT: 25.815 min Scan# 3108

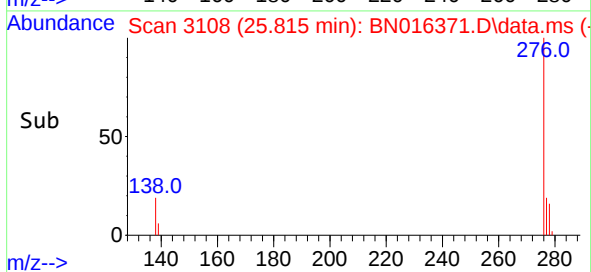
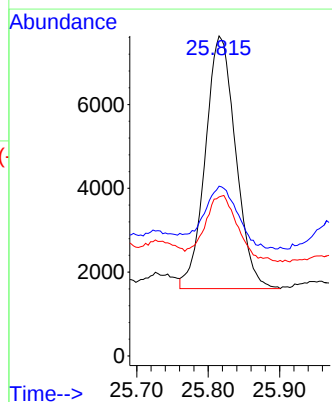
Delta R.T. -0.003 min

Lab File: BN016371.D

Acq: 21 Sep 2021 08:31



Tgt Ion:	276	Resp:	17790
Ion Ratio	Lower	Upper	
276	100		
138	26.6	19.3	28.9
277	28.5	20.2	30.2



Instrument :

BNA_N

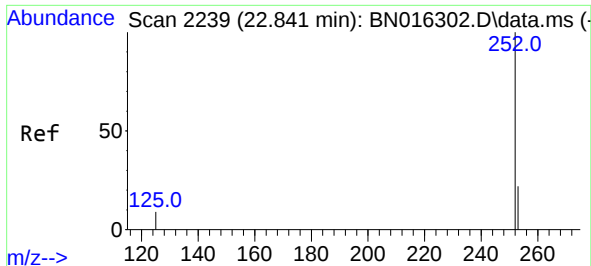
ClientSampleId :

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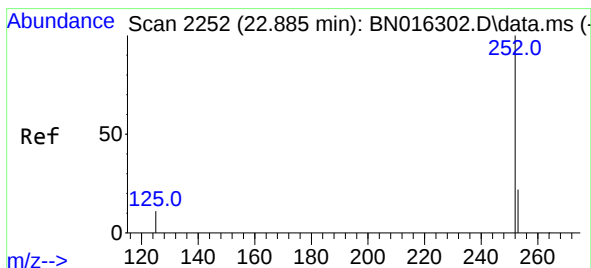
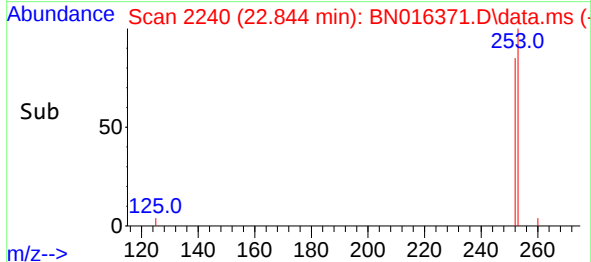
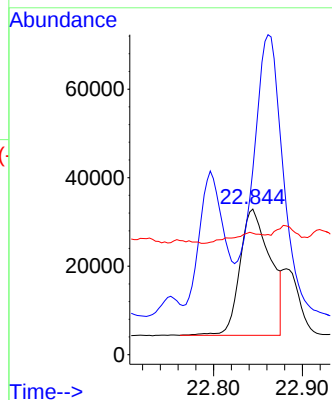
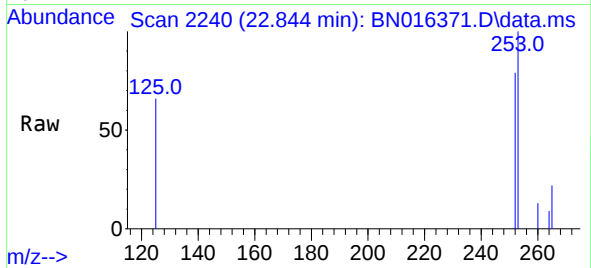


#37
Benzo(b)fluoranthene
Concen: 0.192 ng
RT: 22.844 min Scan# 2240
Delta R.T. 0.003 min
Lab File: BN016371.D
Acq: 21 Sep 2021 08:31

Tgt Ion:252 Resp: 67742
Ion Ratio Lower Upper
252 100
253 127.2 18.2 27.2#
125 83.4 8.4 12.6#

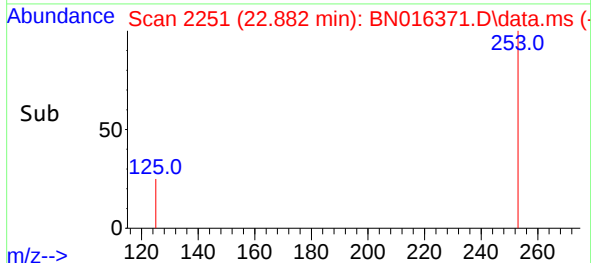
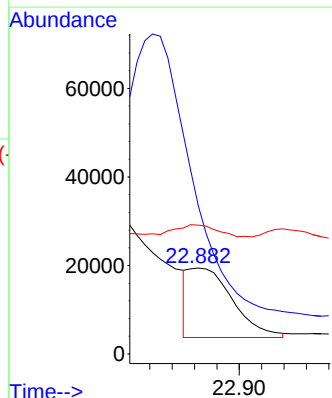
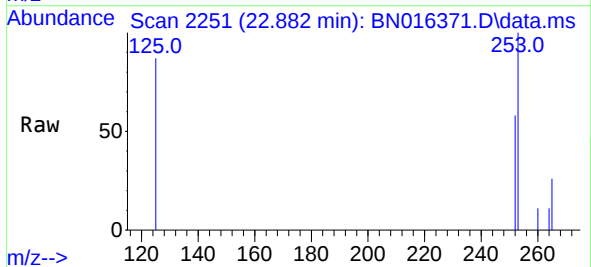
Instrument :
BNA_N
ClientSampleId :
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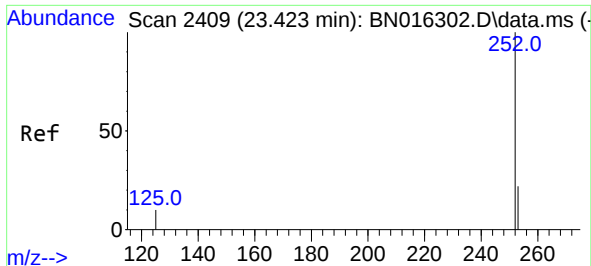
#38
Benzo(k)fluoranthene
Concen: 0.063 ng m
RT: 22.882 min Scan# 2251
Delta R.T. -0.003 min
Lab File: BN016371.D
Acq: 21 Sep 2021 08:31

Tgt Ion:252 Resp: 21350
Ion Ratio Lower Upper
252 100
253 172.0 18.2 27.2#
125 150.0 8.2 12.4#

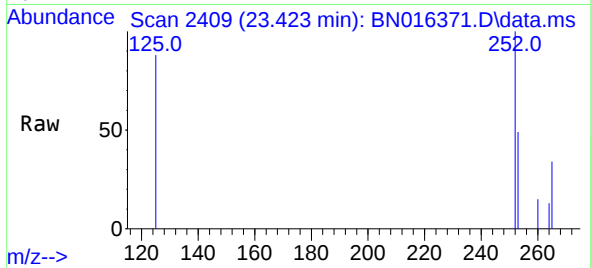


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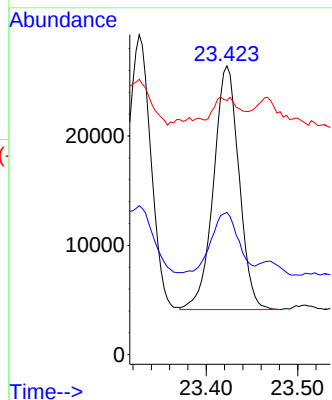
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#39
Benzo(a)pyrene
Concen: 0.135 ng
RT: 23.423 min Scan# 2409
Delta R.T. 0.000 min
Lab File: BN016371.D
Acq: 21 Sep 2021 08:31



Tgt Ion:252 Resp: 43102
Ion Ratio Lower Upper
252 100
253 49.3 18.7 28.1#
125 88.1 9.9 14.9#

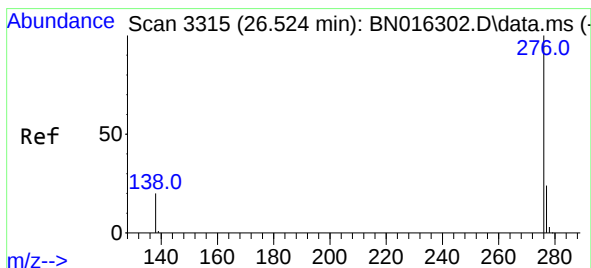


Instrument :
BNA_N
ClientSampleId :
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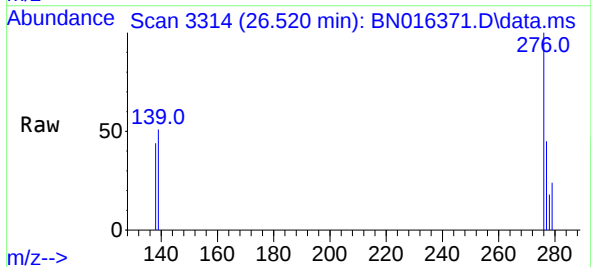
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#41
Benzo(g,h,i)perylene
Concen: 0.066 ng
RT: 26.520 min Scan# 3314
Delta R.T. 0.000 min
Lab File: BN016371.D
Acq: 21 Sep 2021 08:31



Tgt Ion:276 Resp: 20078
Ion Ratio Lower Upper
276 100
277 44.8 20.5 30.7#
138 43.7 18.2 27.4#

