

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
 Data File : BN016638.D
 Acq On : 01 Oct 2021 16:32
 Operator : CG/JU
 Sample : M4020-16
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 S-821-N-SO-1-1.5-093021

Manual Integrations
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Quant Time: Oct 01 17:19:36 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 01 13:35:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.643	152	32930	0.40	ng	0.00
7) Naphthalene-d8	10.407	136	150363	0.40	ng	0.00
13) Acenaphthene-d10	14.269	164	79723	0.40	ng	0.00
19) Phenanthrene-d10	17.018	188	153226	0.40	ng	# 0.00
29) Chrysene-d12	21.228	240	142788	0.40	ng	#-0.01
35) Perylene-d12	23.481	264	151121	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.282	112	24604	0.29	ng	0.03
5) Phenol-d6	6.831	99	23665	0.26	ng	0.00
8) Nitrobenzene-d5	8.785	82	25585	0.26	ng	0.00
11) 2-Methylnaphthalene-d10	12.003	152	66088	0.30	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	9904	0.27	ng	0.00
15) 2-Fluorobiphenyl	12.899	172	83580	0.26	ng	0.00
27) Fluoranthene-d10	19.068	212	117790	0.29	ng	0.00
31) Terphenyl-d14	19.679	244	88954	0.29	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.272	88	1668m	0.11	ng	
9) Naphthalene	10.457	128	9631	0.02	ng	95
25) Phenanthrene	17.066	178	29813	0.06	ng	96
28) Fluoranthene	19.098	202	58167	0.12	ng	99
30) Pyrene	19.460	202	54951	0.12	ng	# 96
32) Benzo(a)anthracene	21.217	228	32309	0.07	ng	94
33) Chrysene	21.270	228	34253m	0.08	ng	
34) Bis(2-ethylhexyl)phtha...	21.174	149	46479	0.27	ng	# 79
36) Indeno(1,2,3-cd)pyrene	25.761	276	20231	0.04	ng	98
37) Benzo(b)fluoranthene	22.807	252	44649	0.09	ng	# 83
38) Benzo(k)fluoranthene	22.848	252	17192m	0.04	ng	
39) Benzo(a)pyrene	23.382	252	28003	0.06	ng	# 82
41) Benzo(g,h,i)perylene	26.459	276	20477	0.04	ng	# 89

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

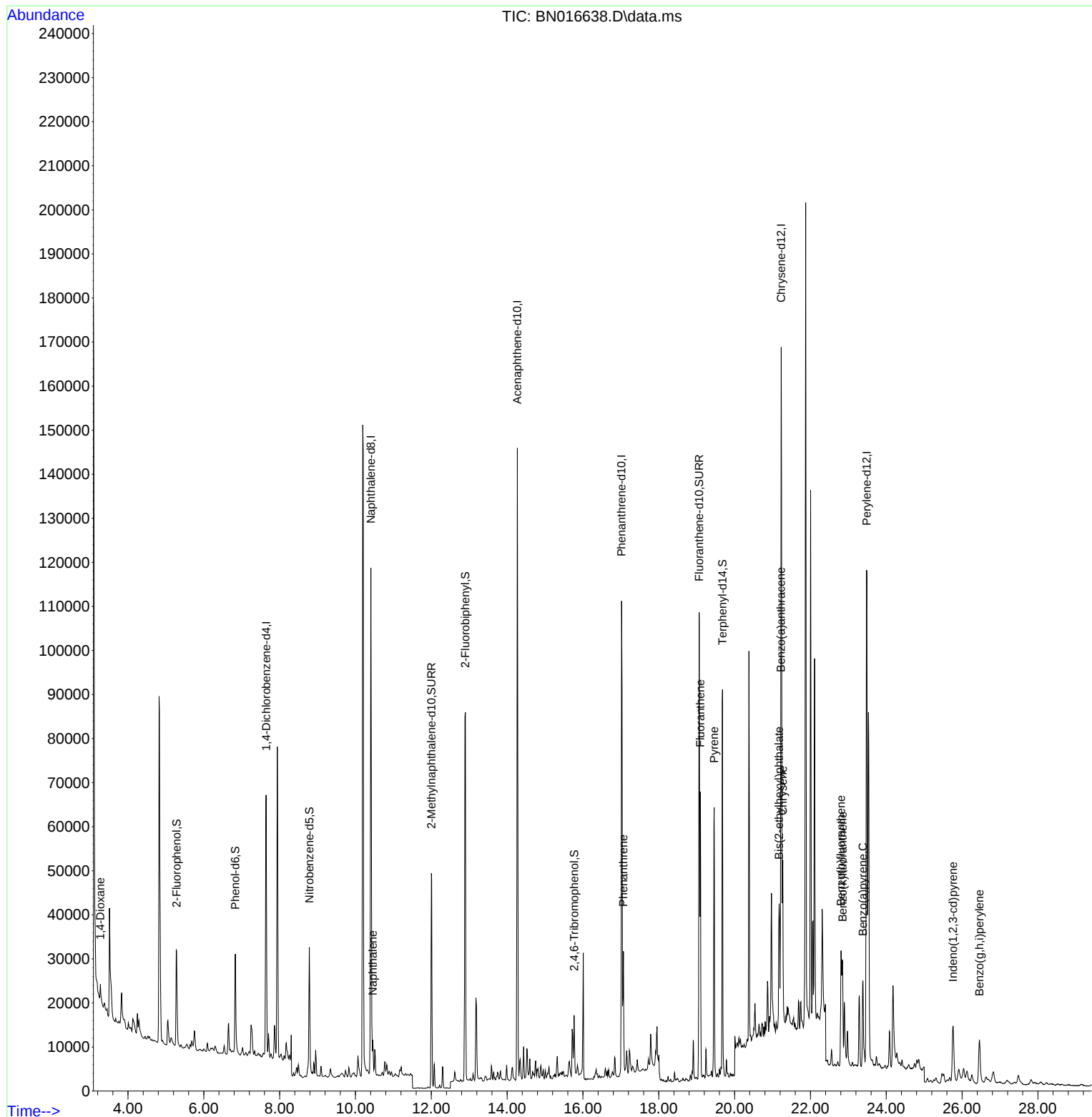
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
Data File : BN016638.D
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QLast Update : Fri Oct 01 13:35:26 2021
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#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.643 min Scan# 495
 Delta R.T. 0.000 min
 Lab File: BN016638.D
 Acq: 01 Oct 2021 16:32

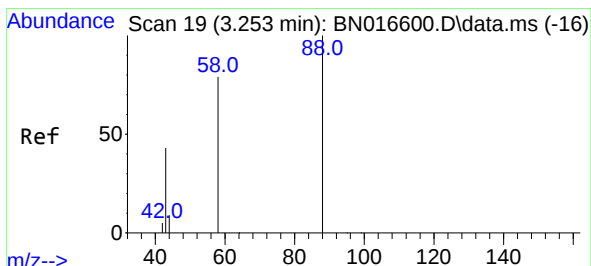
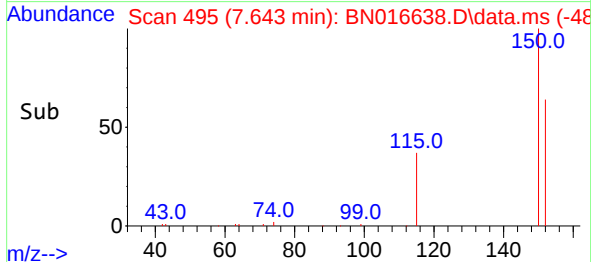
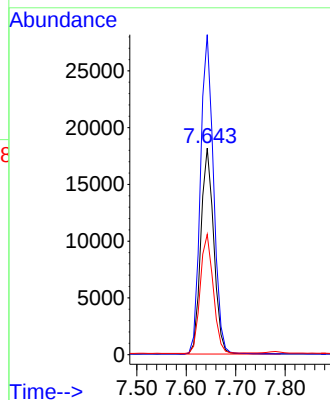
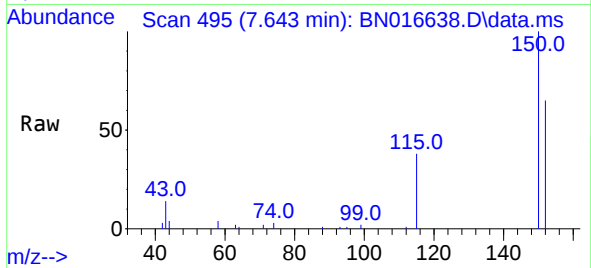
Tgt Ion: 152 Resp: 32930

Ion	Ratio	Lower	Upper
152	100		
150	154.9	124.6	186.8
115	58.2	46.5	69.7

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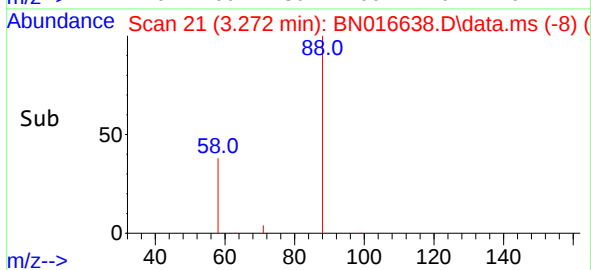
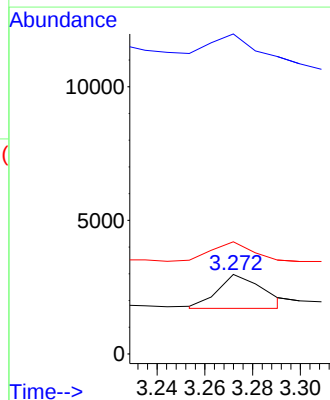
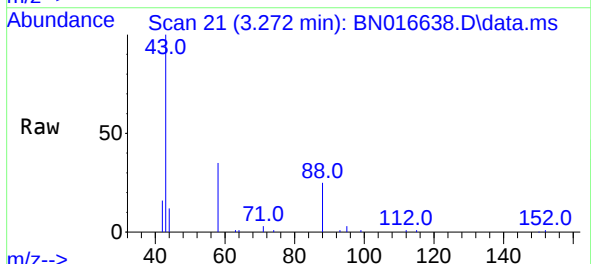
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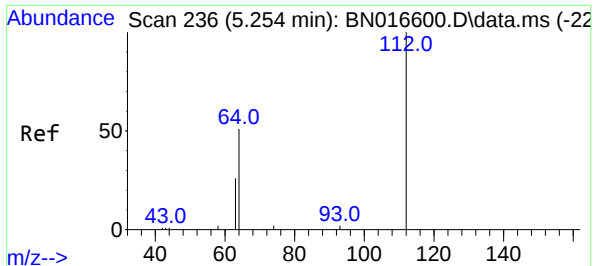


#2
 1,4-Dioxane
 Concen: 0.11 ng m
 RT: 3.272 min Scan# 21
 Delta R.T. 0.018 min
 Lab File: BN016638.D
 Acq: 01 Oct 2021 16:32

Tgt Ion: 88 Resp: 1668

Ion	Ratio	Lower	Upper
88	100		
43	40.9	37.8	56.8
58	49.5	61.3	91.9





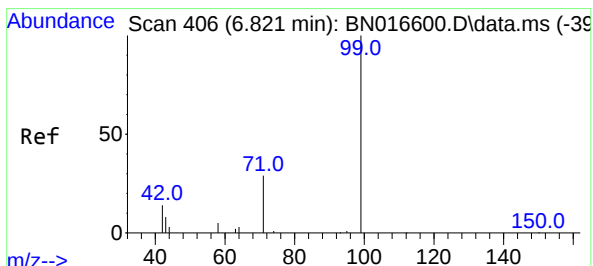
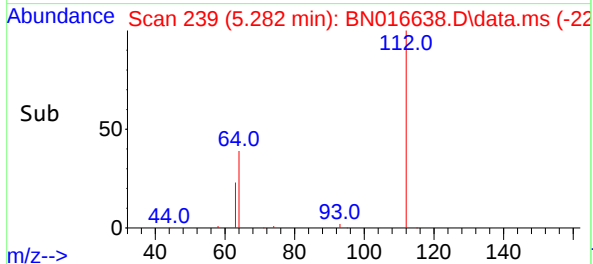
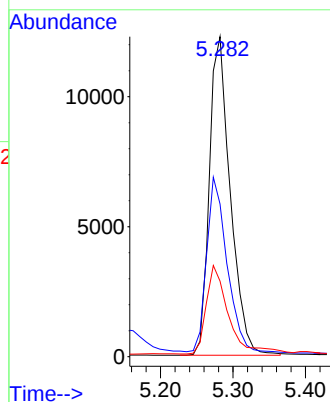
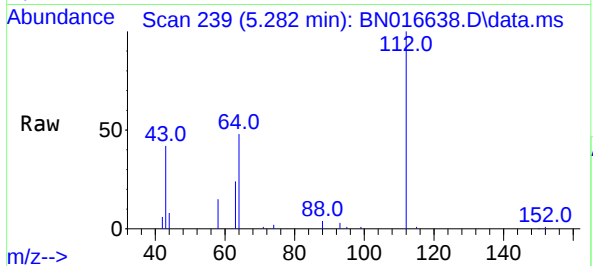
#4
2-Fluorophenol
Concen: 0.29 ng
RT: 5.282 min Scan# 239
Delta R.T. 0.028 min
Lab File: BN016638.D
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Tgt Ion: 112 Resp: 24604
Ion Ratio Lower Upper
112 100
64 53.3 43.1 64.7
63 29.2 21.6 32.4

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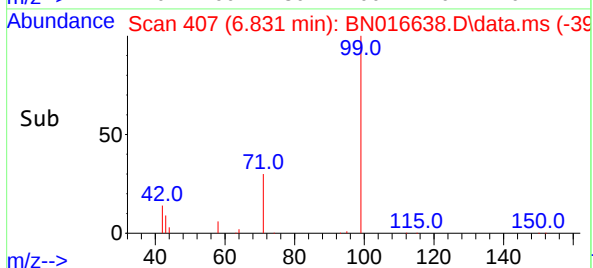
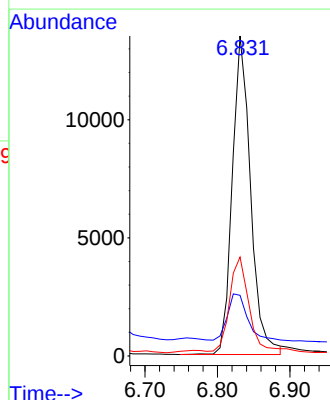
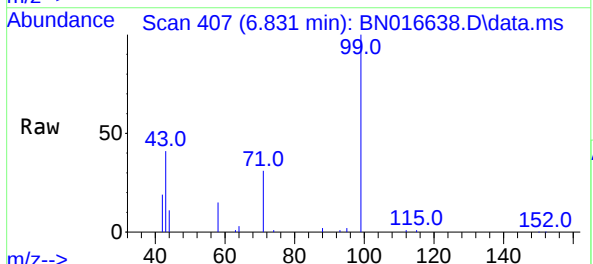
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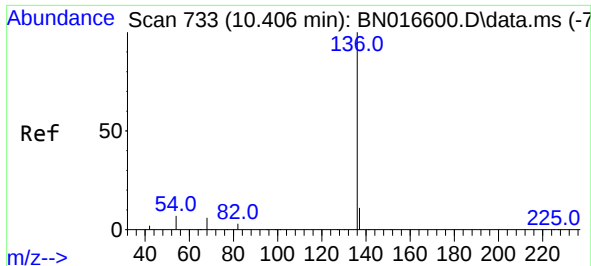
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#5
Phenol-d6
Concen: 0.26 ng
RT: 6.831 min Scan# 407
Delta R.T. 0.009 min
Lab File: BN016638.D
Acq: 01 Oct 2021 16:32

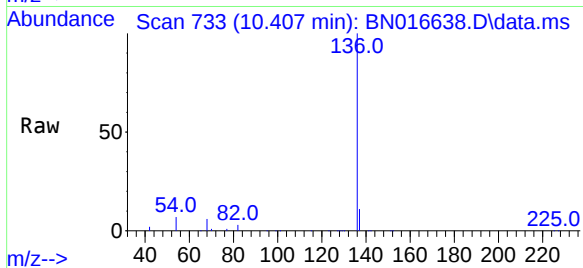
Tgt Ion: 99 Resp: 23665
Ion Ratio Lower Upper
99 100
42 15.6 13.0 19.6
71 30.4 23.5 35.3





#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.407 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016638.D
Acq: 01 Oct 2021 16:32

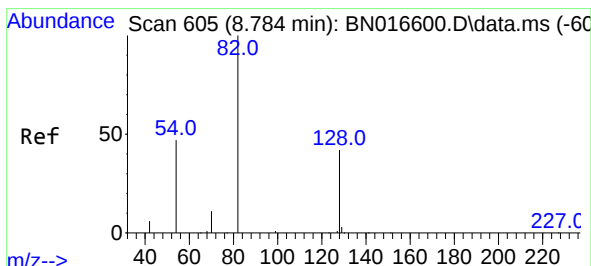
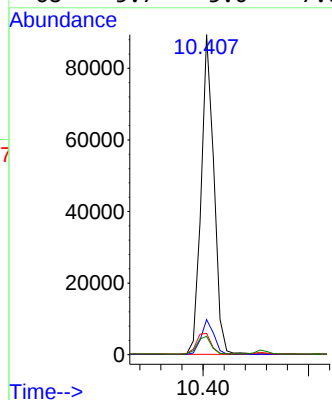
Instrument :
BNA_N
ClientSampleId :
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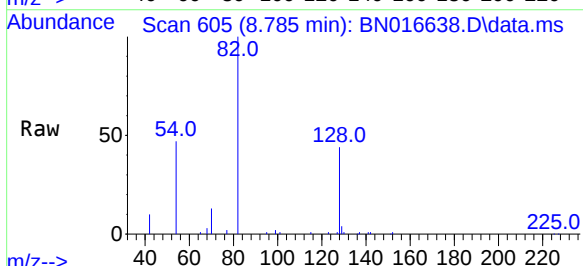
Tgt Ion:	136	Resp:	150363
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	6.7	5.9	8.9
68	5.7	5.0	7.6

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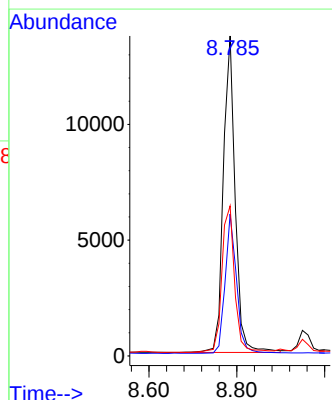
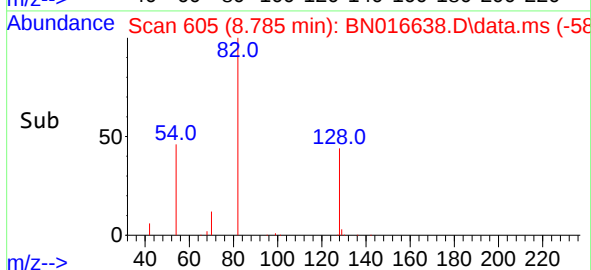
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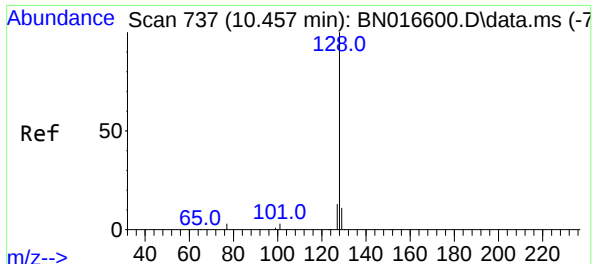


#8
Nitrobenzene-d5
Concen: 0.26 ng
RT: 8.785 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN016638.D
Acq: 01 Oct 2021 16:32

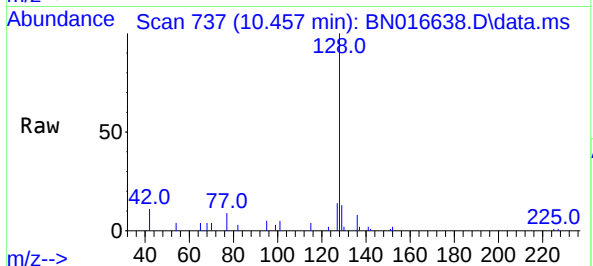


Tgt Ion:	82	Resp:	25585
Ion	Ratio	Lower	Upper
82	100		
128	44.4	33.6	50.4
54	46.9	37.6	56.4

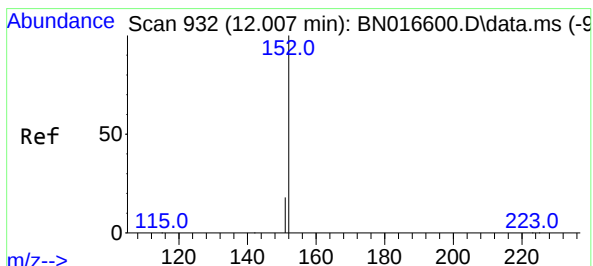
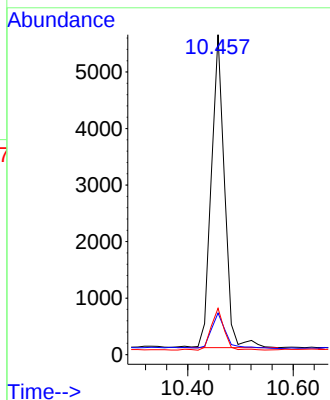
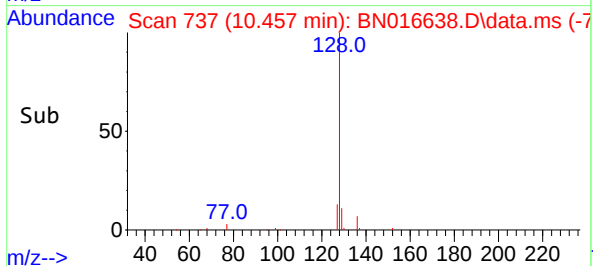




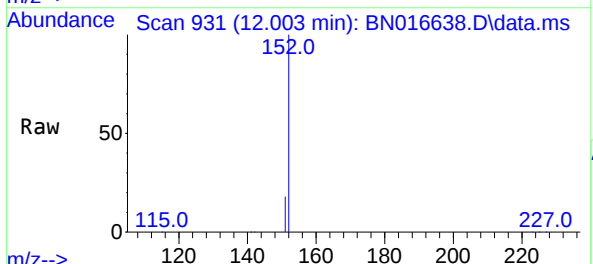
#9
Naphthalene
Concen: 0.02 ng
RT: 10.457 min Scan# 737
Delta R.T. 0.000 min
Lab File: BN016638.D
Acq: 01 Oct 2021 16:32



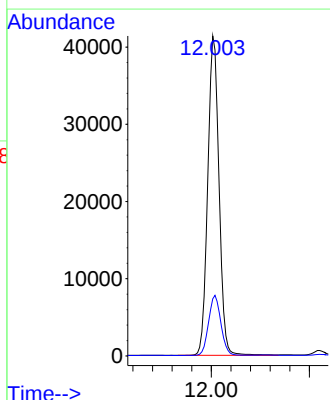
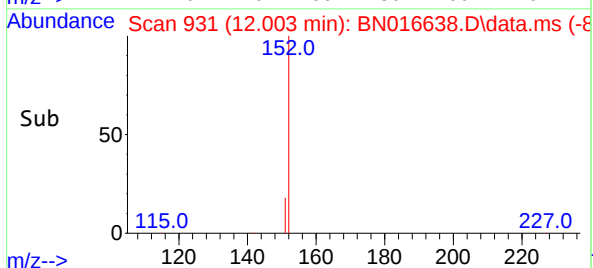
Tgt Ion:128 Resp: 9631
Ion Ratio Lower Upper
128 100
129 13.0 8.8 13.2
127 14.5 10.3 15.5



#11
2-Methylnaphthalene-d10
Concen: 0.30 ng
RT: 12.003 min Scan# 931
Delta R.T. 0.000 min
Lab File: BN016638.D
Acq: 01 Oct 2021 16:32



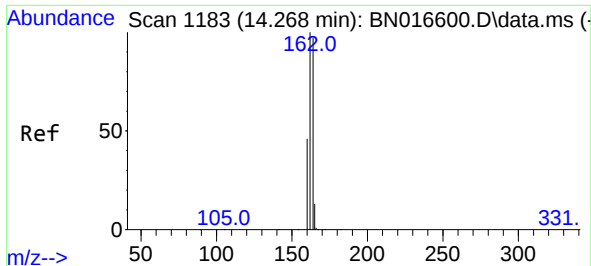
Tgt Ion:152 Resp: 66088
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.4



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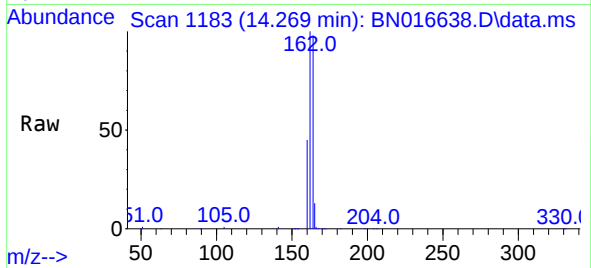
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#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.269 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN016638.D
Acq: 01 Oct 2021 16:32

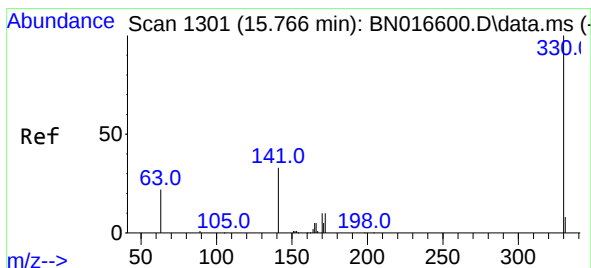
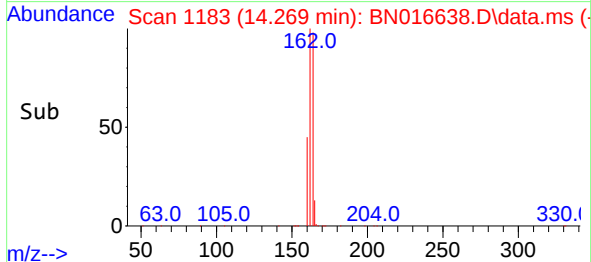
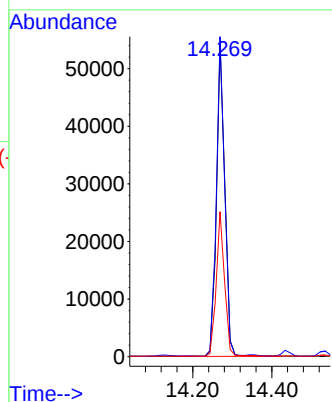
Instrument :
BNA_N
ClientSampleId :
S-821-N-SO-1-1.5-093021



Tgt Ion:164 Resp: 79723
Ion Ratio Lower Upper
164 100
162 102.3 82.2 123.2
160 46.3 37.7 56.5

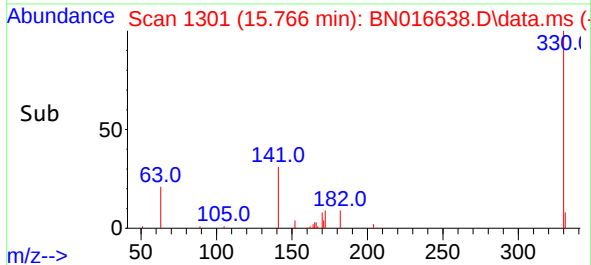
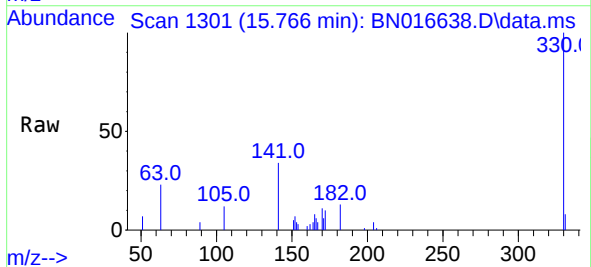
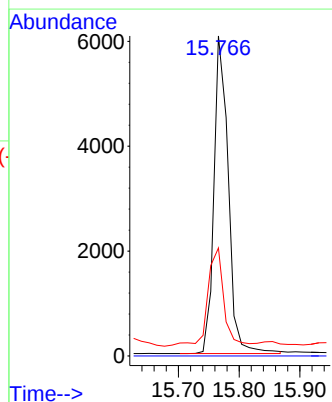
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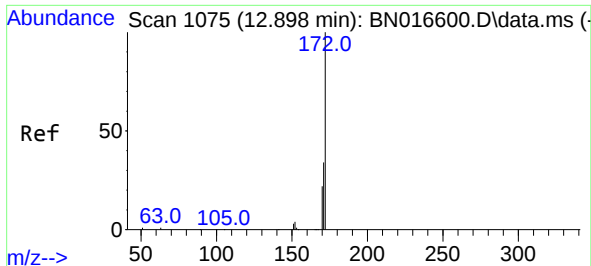
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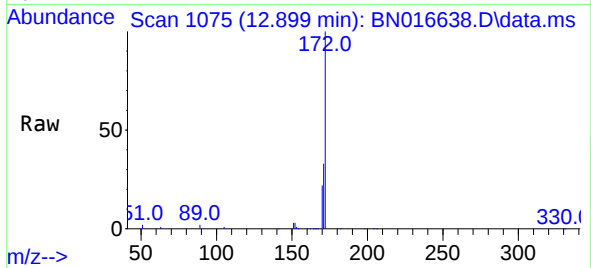
#14
2,4,6-Tribromophenol
Concen: 0.27 ng
RT: 15.766 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BN016638.D
Acq: 01 Oct 2021 16:32

Tgt Ion:330 Resp: 9904
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 32.9 25.2 37.8

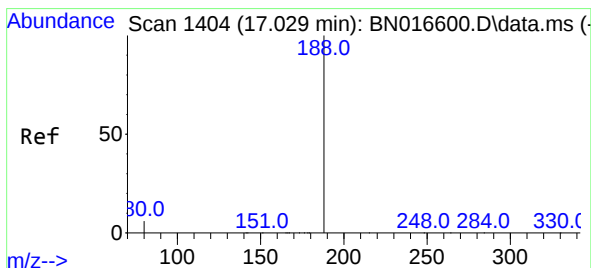
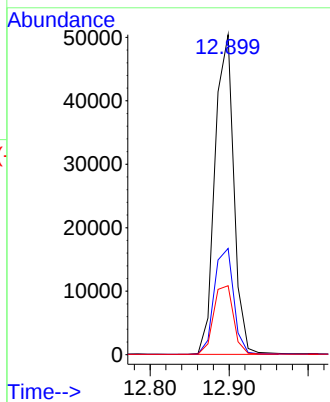
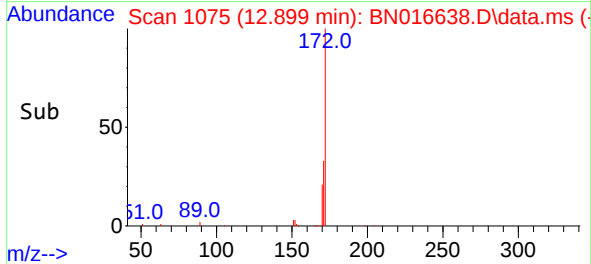




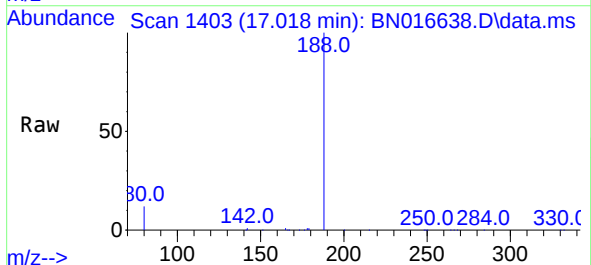
#15
2-Fluorobiphenyl
Concen: 0.26 ng
RT: 12.899 min Scan# 1075
Delta R.T. 0.000 min
Lab File: BN016638.D
Acq: 01 Oct 2021 16:32



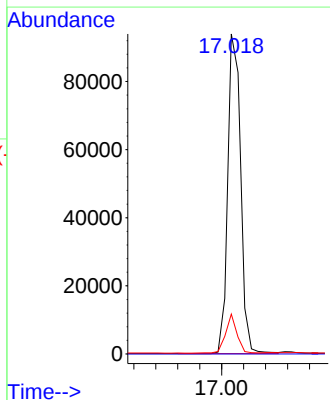
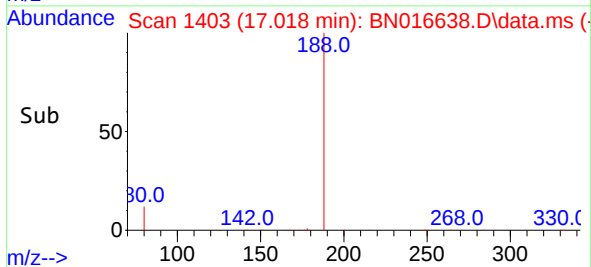
Tgt Ion:	172	Resp:	83580
Ion Ratio	Lower	Upper	
172	100		
171	33.2	27.0	40.4
170	21.5	17.4	26.2



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.018 min Scan# 1403
Delta R.T. 0.000 min
Lab File: BN016638.D
Acq: 01 Oct 2021 16:32



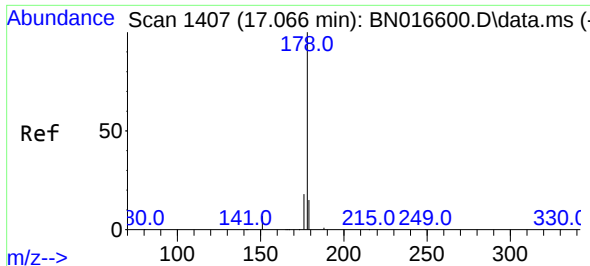
Tgt Ion:	188	Resp:	153226
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	12.4	5.0	7.6#



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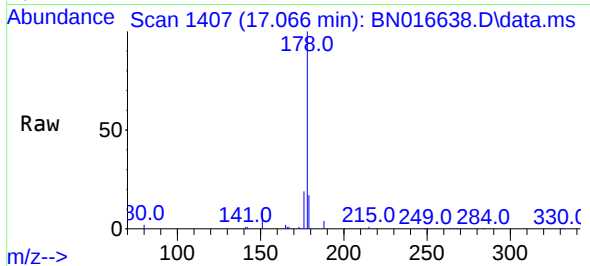
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#25
Phenanthrene
Concen: 0.06 ng
RT: 17.066 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BN016638.D
Acq: 01 Oct 2021 16:32

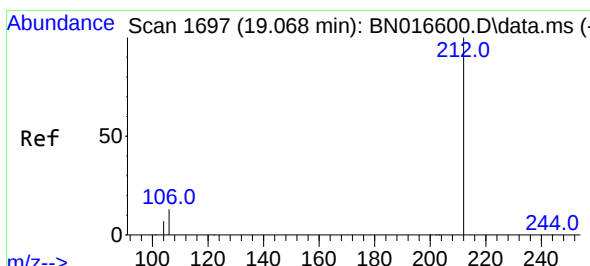
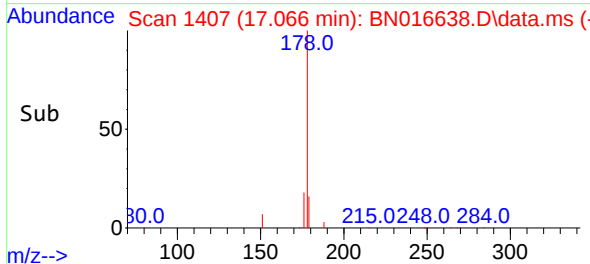
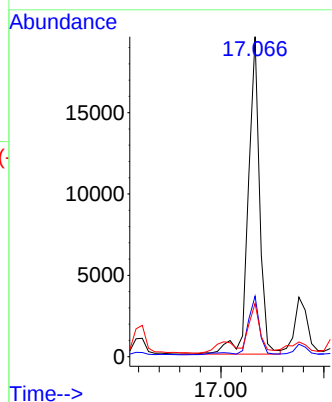
Instrument :
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ClientSampleId :
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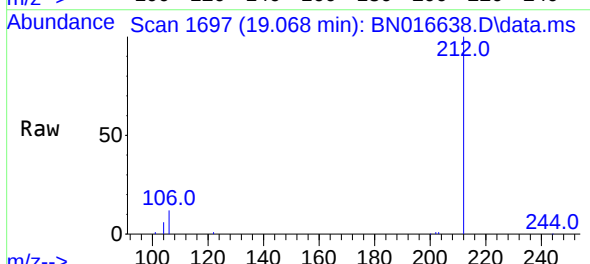
Tgt Ion:178 Resp: 29813
Ion Ratio Lower Upper
178 100
176 17.3 15.0 22.4
179 13.2 12.2 18.4

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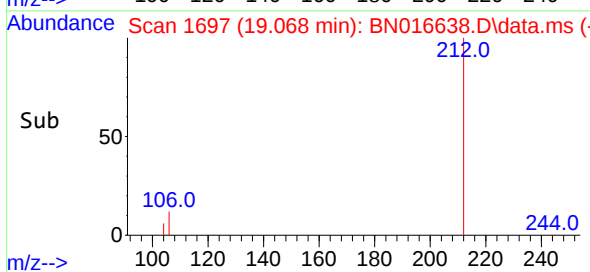
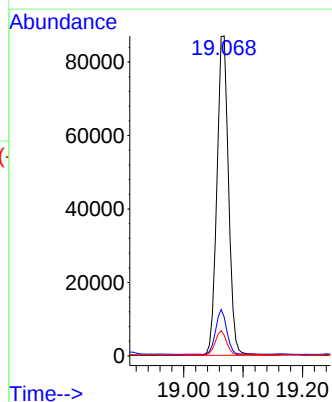
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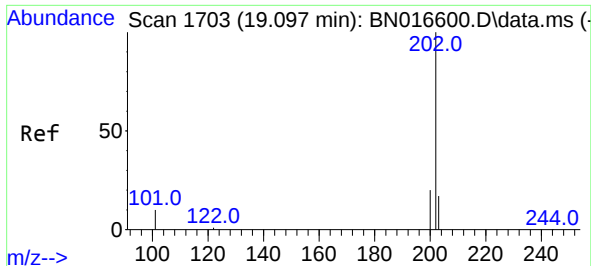


#27
Fluoranthene-d10
Concen: 0.29 ng
RT: 19.068 min Scan# 1697
Delta R.T. 0.000 min
Lab File: BN016638.D
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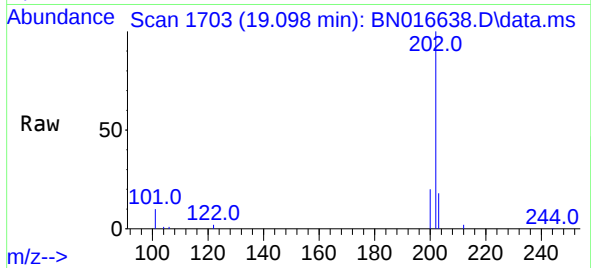


Tgt Ion:212 Resp: 117790
Ion Ratio Lower Upper
212 100
106 13.3 10.6 16.0
104 7.3 5.9 8.9

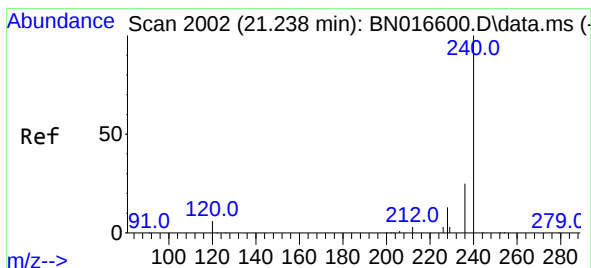
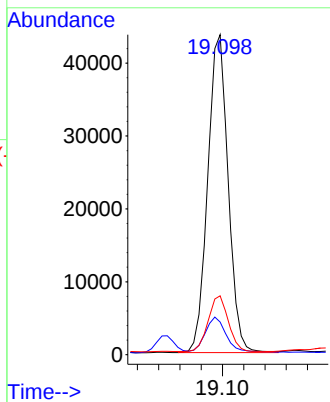
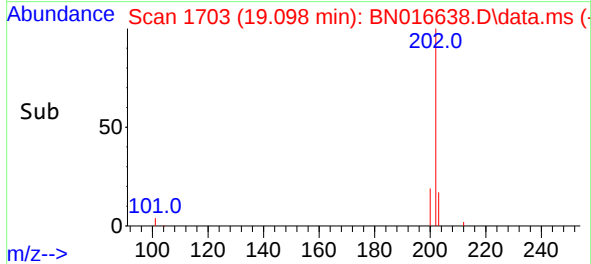




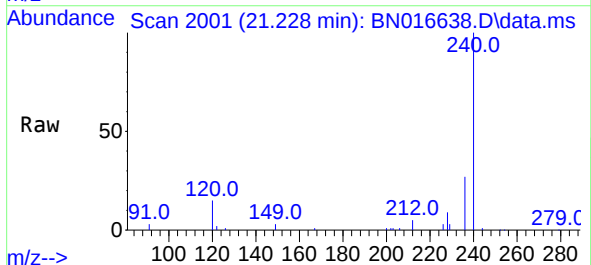
#28
Fluoranthene
Concen: 0.12 ng
RT: 19.098 min Scan# 1703
Delta R.T. 0.000 min
Lab File: BN016638.D
Acq: 01 Oct 2021 16:32



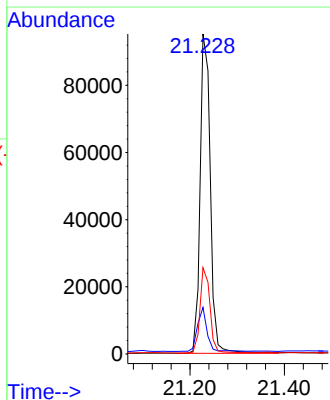
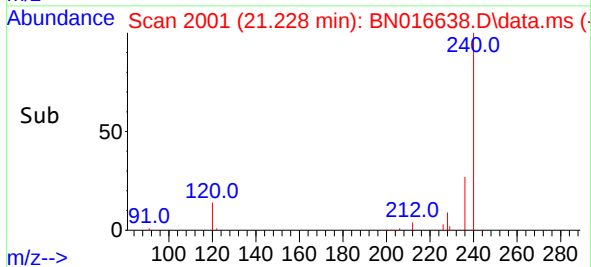
Tgt Ion:202 Resp: 58167
Ion Ratio Lower Upper
202 100
101 11.5 9.0 13.4
203 17.3 13.8 20.6



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.228 min Scan# 2001
Delta R.T. -0.011 min
Lab File: BN016638.D
Acq: 01 Oct 2021 16:32



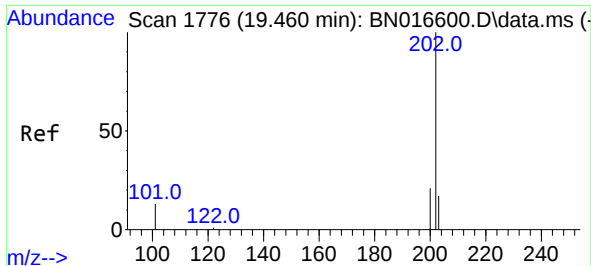
Tgt Ion:240 Resp: 142788
Ion Ratio Lower Upper
240 100
120 14.6 5.0 7.4#
236 27.0 20.4 30.6



Instrument :
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ClientSampleId :
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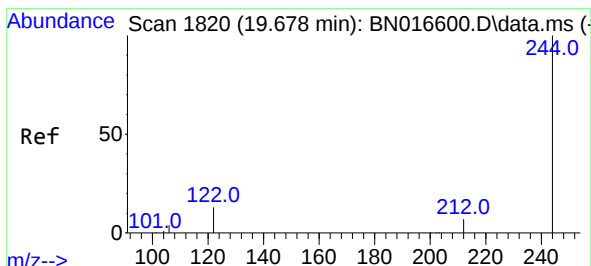
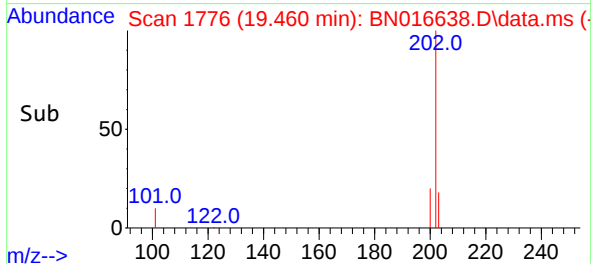
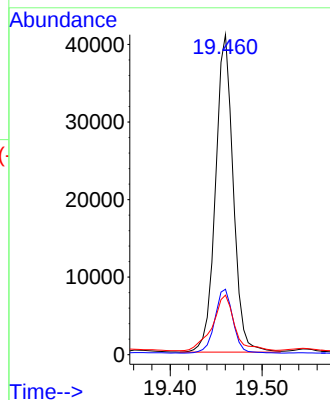
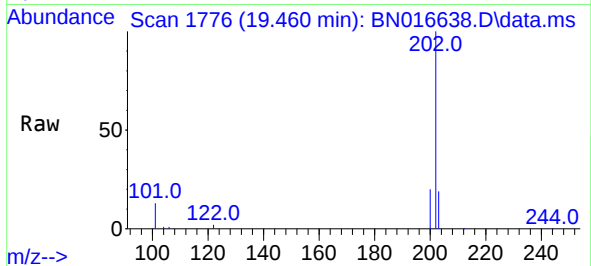
#30
Pyrene
Concen: 0.12 ng
RT: 19.460 min Scan# 1776
Delta R.T. 0.000 min
Lab File: BN016638.D
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Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.5	24.7
203	21.6	14.0	21.0#

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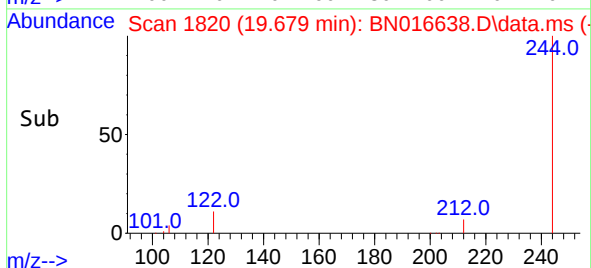
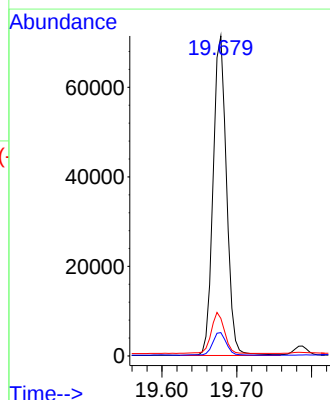
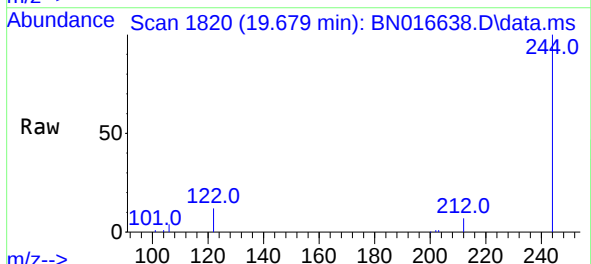
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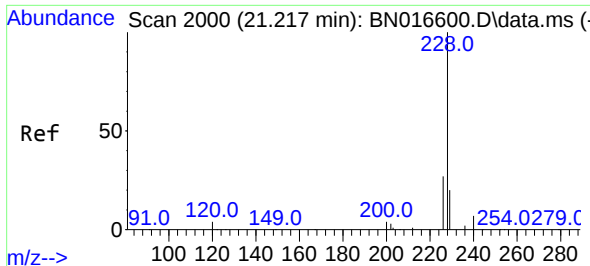
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#31
Terphenyl-d14
Concen: 0.29 ng
RT: 19.679 min Scan# 1820
Delta R.T. 0.000 min
Lab File: BN016638.D
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Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	11.7	10.1	15.1





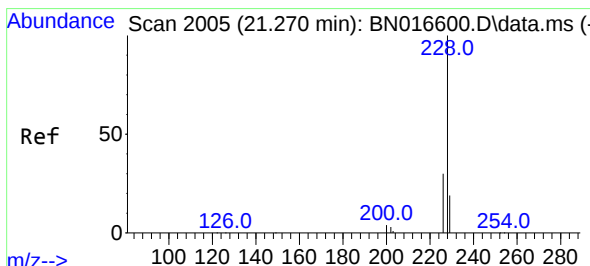
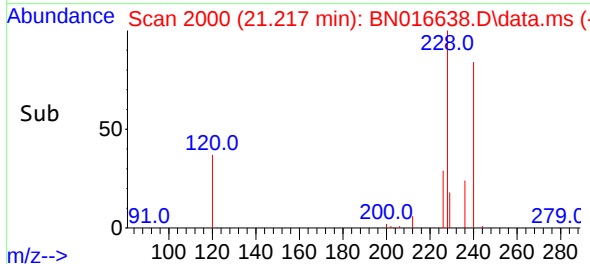
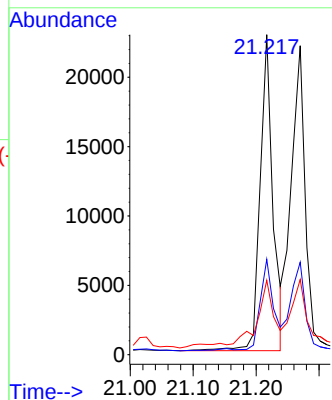
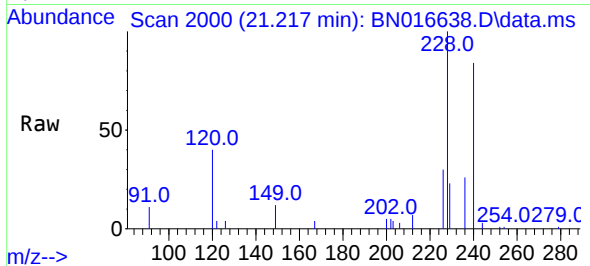
#32
Benzo(a)anthracene
Concen: 0.07 ng
RT: 21.217 min Scan# 2000
Delta R.T. 0.000 min
Lab File: BN016638.D
Acq: 01 Oct 2021 16:32

Tgt Ion:228 Resp: 32309
Ion Ratio Lower Upper
228 100
226 29.8 21.9 32.9
229 23.2 15.7 23.5

Instrument :
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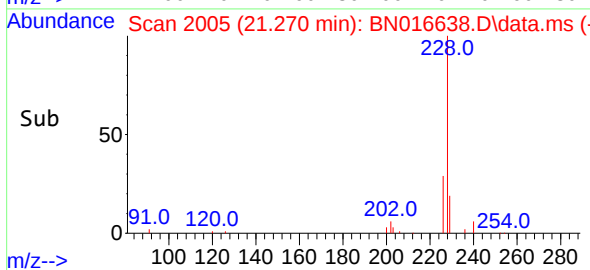
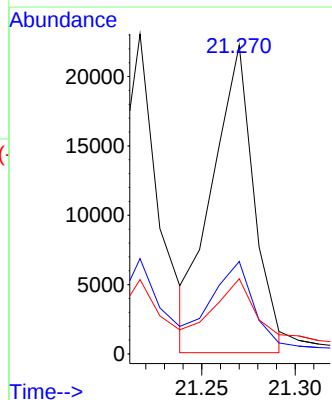
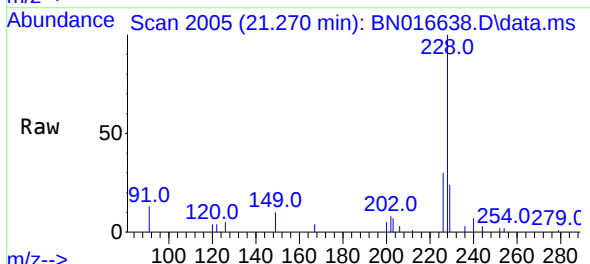
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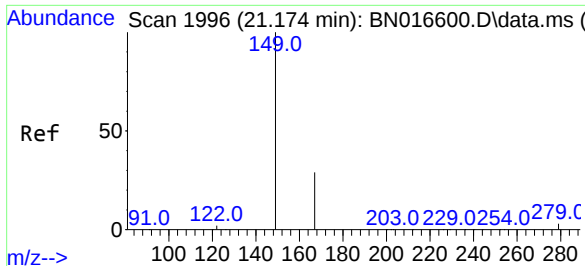
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#33
Chrysene
Concen: 0.08 ng m
RT: 21.270 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BN016638.D
Acq: 01 Oct 2021 16:32

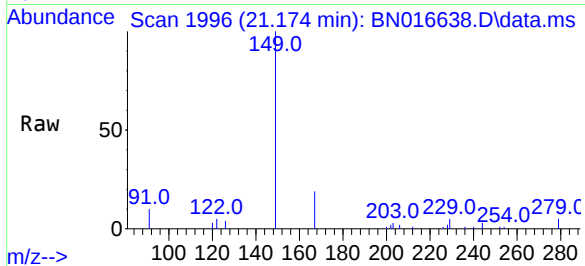
Tgt Ion:228 Resp: 34253
Ion Ratio Lower Upper
228 100
226 30.0 23.7 35.5
229 24.4 15.5 23.3#





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.27 ng
RT: 21.174 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BN016638.D
Acq: 01 Oct 2021 16:32

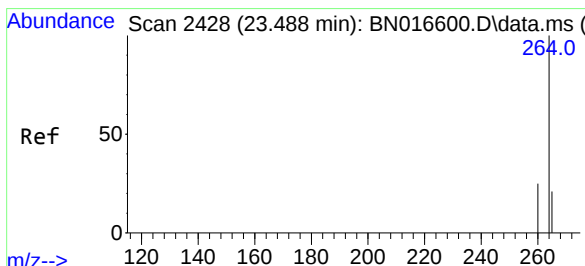
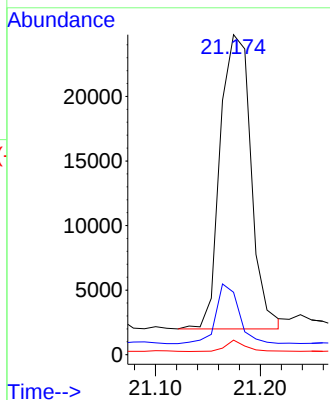
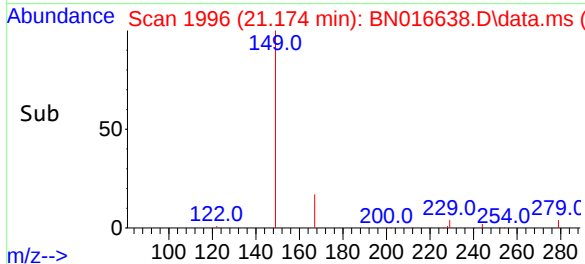
Instrument :
BNA_N
ClientSampleId :
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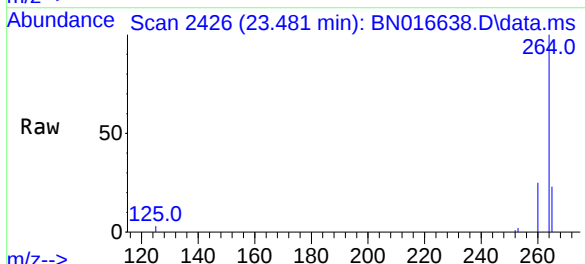
Tgt Ion:149 Resp: 46479
Ion Ratio Lower Upper
149 100
167 15.3 22.2 33.4#
279 2.4 3.2 4.8#

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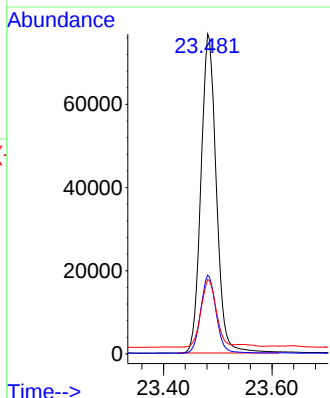
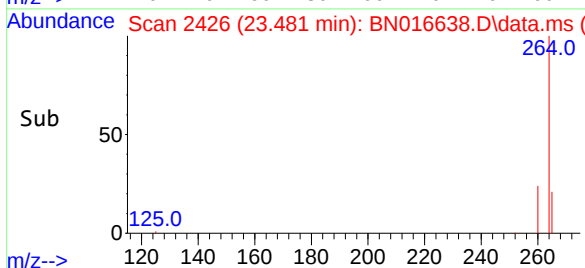
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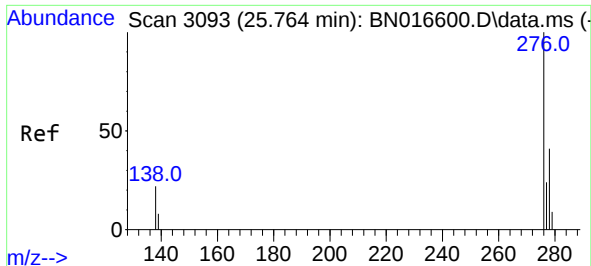


#35
Perylene-d12
Concen: 0.40 ng
RT: 23.481 min Scan# 2426
Delta R.T. -0.007 min
Lab File: BN016638.D
Acq: 01 Oct 2021 16:32

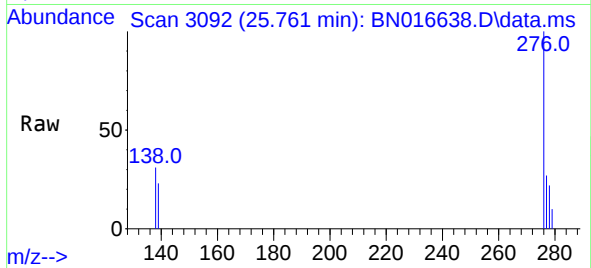


Tgt Ion:264 Resp: 151121
Ion Ratio Lower Upper
264 100
260 24.7 19.9 29.9
265 23.2 19.2 28.8

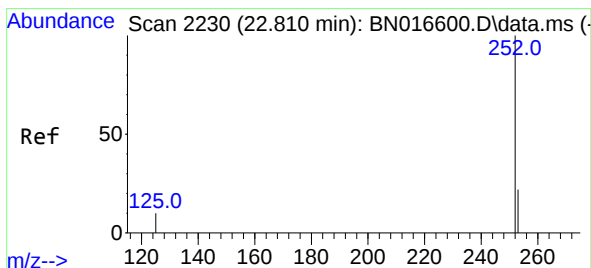
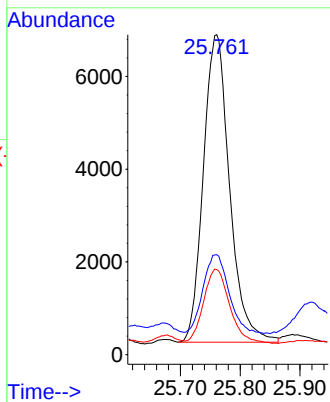
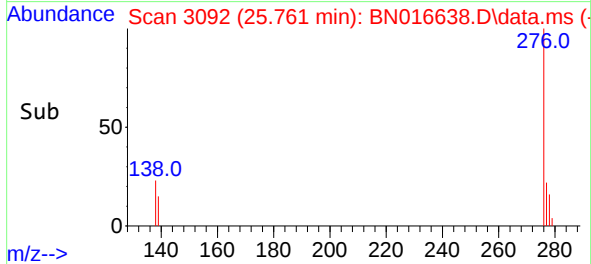




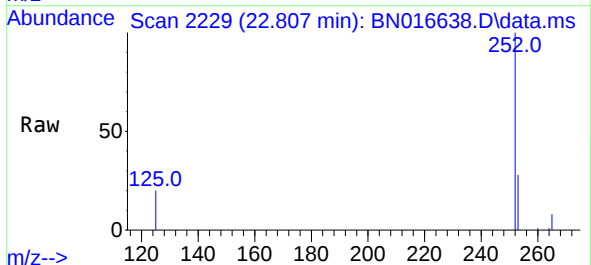
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.04 ng
RT: 25.761 min Scan# 3092
Delta R.T. -0.003 min
Lab File: BN016638.D
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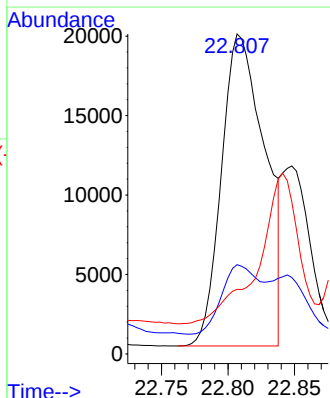
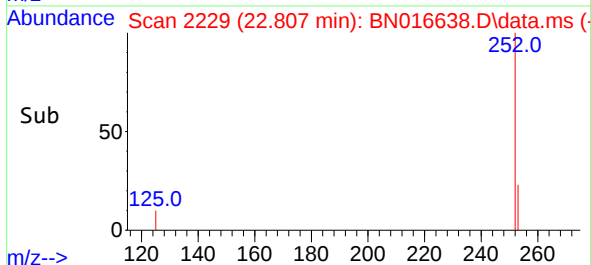
Tgt Ion: 276 Resp: 20231
Ion Ratio Lower Upper
276 100
138 25.2 19.5 29.3
277 23.9 19.9 29.9



#37
Benzo(b)fluoranthene
Concen: 0.09 ng
RT: 22.807 min Scan# 2229
Delta R.T. -0.003 min
Lab File: BN016638.D
Acq: 01 Oct 2021 16:32



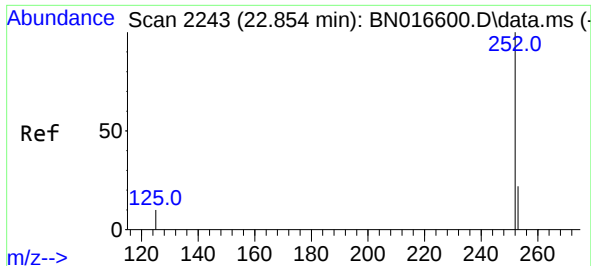
Tgt Ion: 252 Resp: 44649
Ion Ratio Lower Upper
252 100
253 27.9 17.8 26.8#
125 20.2 8.0 12.0#



Instrument :
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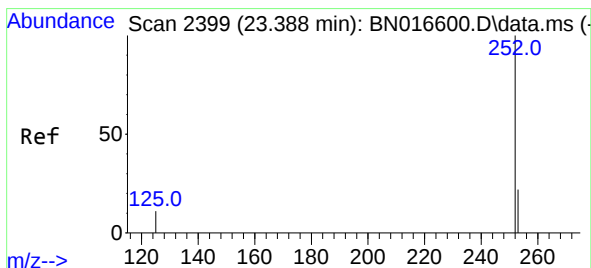
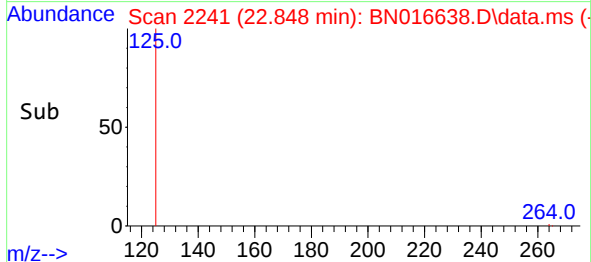
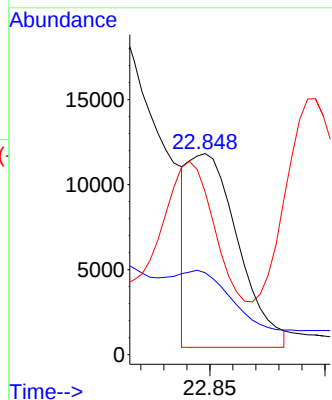
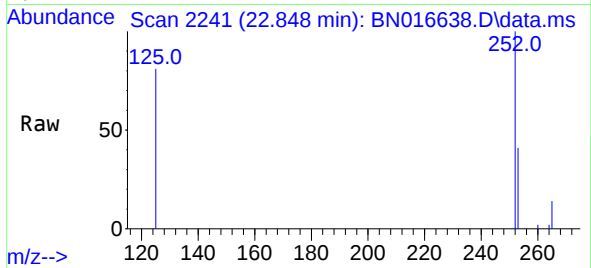
#38
Benzo(k)fluoranthene
Concen: 0.04 ng m
RT: 22.848 min Scan# 2241
Delta R.T. -0.007 min
Lab File: BN016638.D
Acq: 01 Oct 2021 16:32

Tgt Ion:252 Resp: 17192
Ion Ratio Lower Upper
252 100
253 40.7 17.8 26.6#
125 80.9 8.0 12.0#

Instrument :
BNA_N
ClientSampleId :
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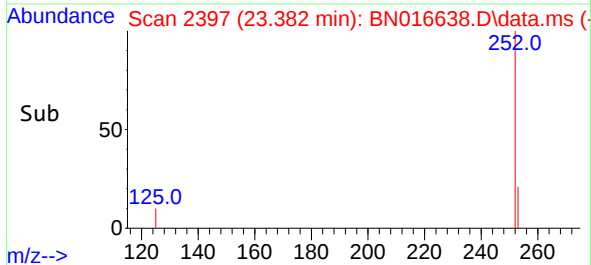
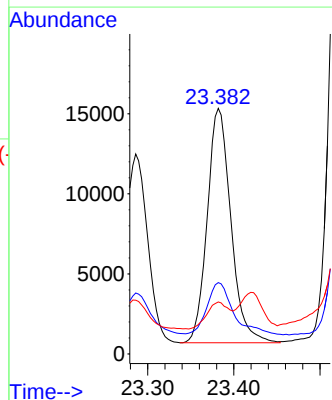
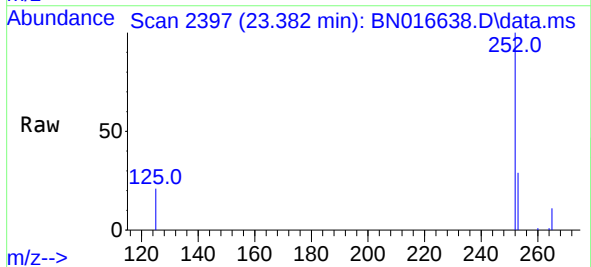
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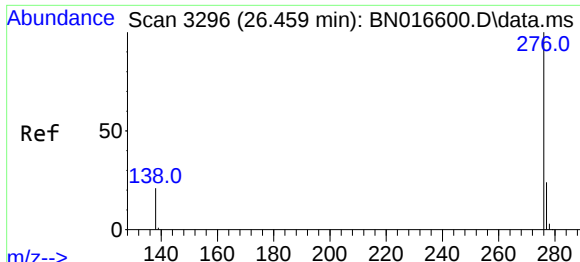
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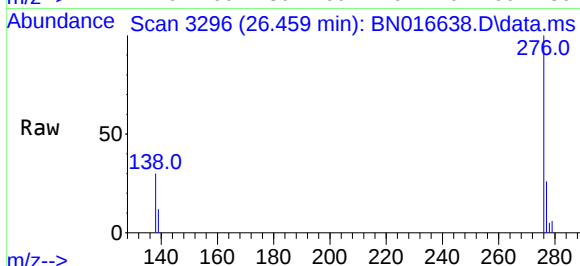
#39
Benzo(a)pyrene
Concen: 0.06 ng
RT: 23.382 min Scan# 2397
Delta R.T. -0.007 min
Lab File: BN016638.D
Acq: 01 Oct 2021 16:32

Tgt Ion:252 Resp: 28003
Ion Ratio Lower Upper
252 100
253 29.0 17.8 26.8#
125 21.2 9.0 13.4#

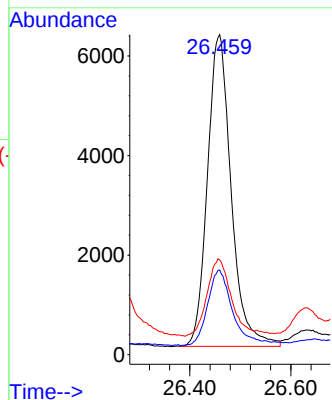
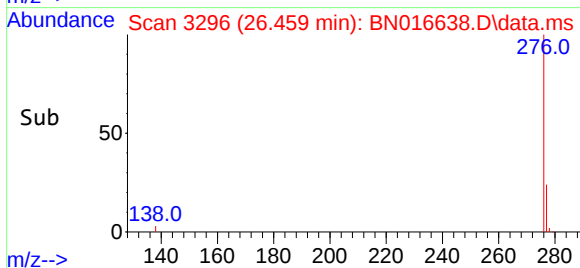




#41
Benzo(g,h,i)perylene
Concen: 0.04 ng
RT: 26.459 min Scan# 3296
Delta R.T. 0.000 min
Lab File: BN016638.D
Acq: 01 Oct 2021 16:32



Tgt Ion: 276 Resp: 20477
Ion Ratio Lower Upper
276 100
277 26.4 19.0 28.6
138 29.6 16.9 25.3#



Instrument :
BNA_N
ClientSampleId :
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