

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092521\
 Data File : BN016521.D
 Acq On : 26 Sep 2021 21:14
 Operator : CG/JU
 Sample : M3892-04
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 S-829-J-SO-3-3.5-092221

Manual Integrations
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Quant Time: Sep 27 05:32:32 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN092421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 24 03:35:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.661	152	11087	0.40	ng	0.00
7) Naphthalene-d8	10.432	136	36035	0.40	ng	#-0.01
13) Acenaphthene-d10	14.294	164	8443	0.40	ng	# 0.00
19) Phenanthrene-d10	17.042	188	22295	0.40	ng	0.00
29) Chrysene-d12	21.249	240	43008	0.40	ng	# 0.00
35) Perylene-d12	23.512	264	34825	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.300	112	1417	0.06	ng	0.02
5) Phenol-d6	6.849	99	3549	0.12	ng	0.00
8) Nitrobenzene-d5	8.797	82	8438	0.33	ng	-0.01
11) 2-Methylnaphthalene-d10	12.025	152	6997	0.13	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	784	0.37	ng	0.00
15) 2-Fluorobiphenyl	12.911	172	10062	0.28	ng	-0.01
27) Fluoranthene-d10	19.083	212	23805	0.39	ng	0.00
31) Terphenyl-d14	19.693	244	16327	0.16	ng	0.00
Target Compounds						Qvalue
17) Acenaphthene	14.358	154	818	0.03	ng	# 57
25) Phenanthrene	17.078	178	2587m	0.04	ng	
28) Fluoranthene	19.113	202	11259	0.15	ng	98
30) Pyrene	19.480	202	8746	0.06	ng	# 94
32) Benzo(a)anthracene	21.238	228	10039	0.08	ng	97
33) Chrysene	21.281	228	10063	0.08	ng	96
34) Bis(2-ethylhexyl)phtha...	21.185	149	2160	0.06	ng	# 95
36) Indeno(1,2,3-cd)pyrene	25.805	276	7124	0.06	ng	# 93
37) Benzo(b)fluoranthene	22.831	252	9191	0.08	ng	# 97
38) Benzo(k)fluoranthene	22.875	252	11080	0.10	ng	# 74
39) Benzo(a)pyrene	23.413	252	6616	0.07	ng	97
40) Dibenzo(a,h)anthracene	25.826	278	4342	0.05	ng	# 79
41) Benzo(g,h,i)perylene	26.504	276	4665	0.05	ng	95

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

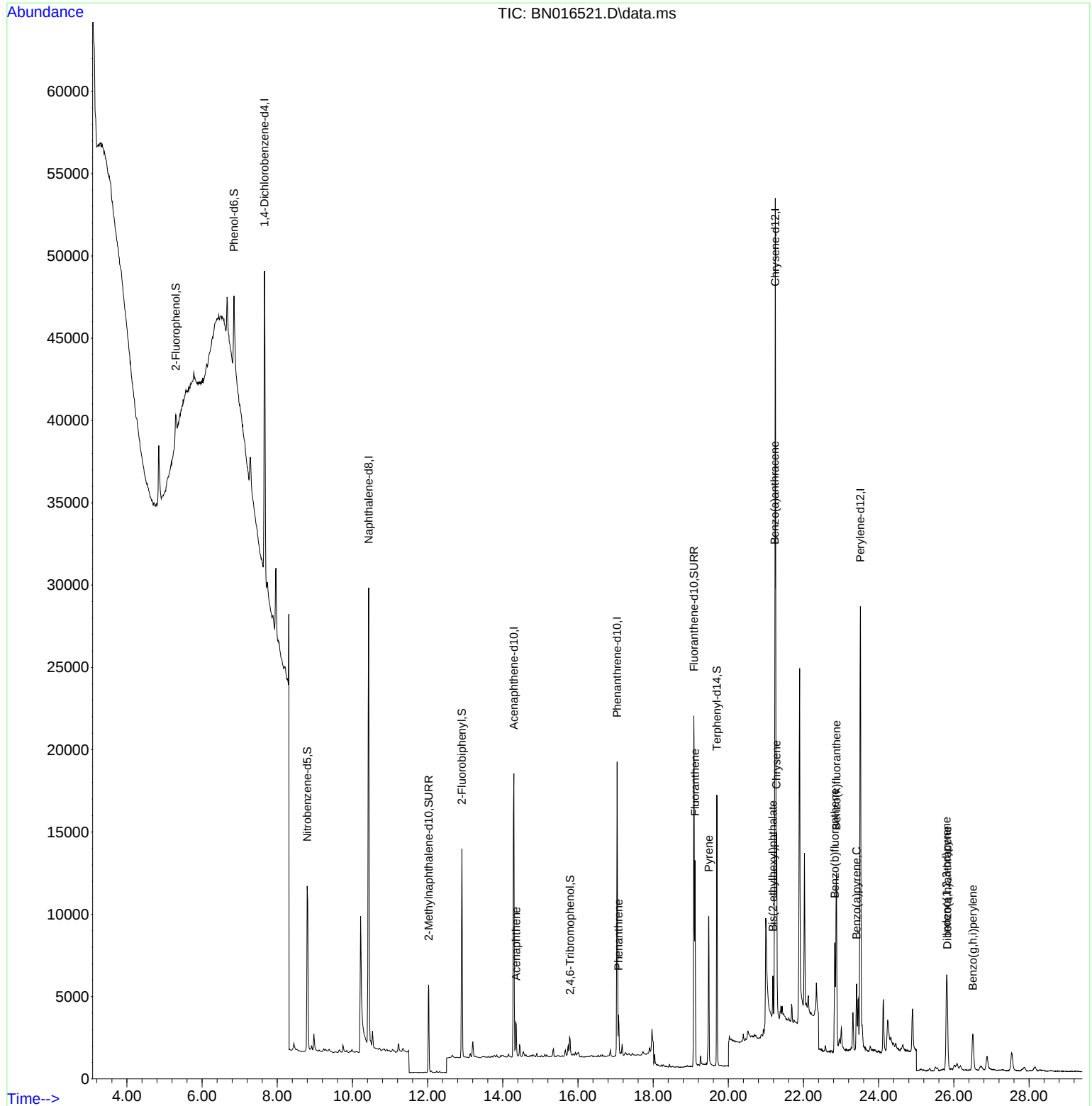
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Data File : BN016521.D
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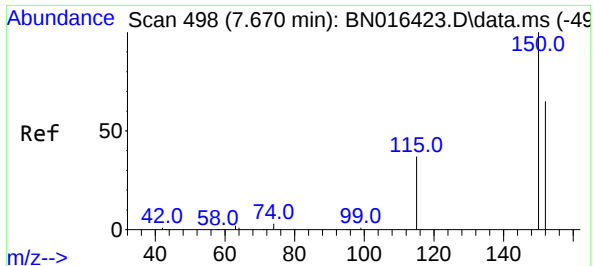
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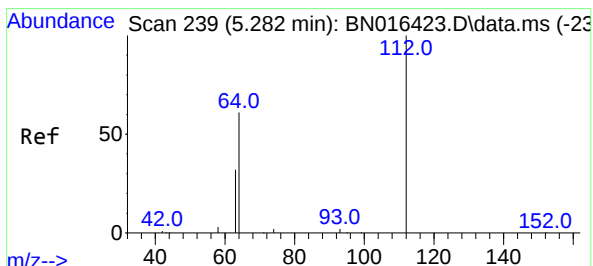
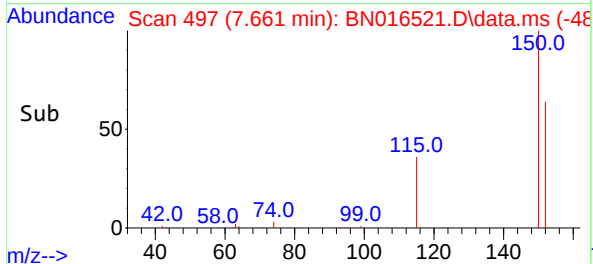
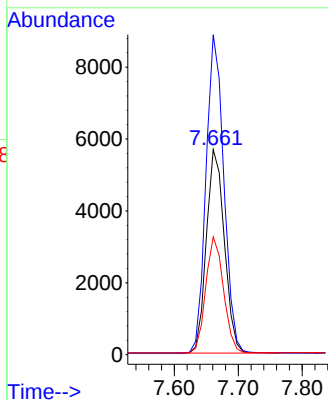
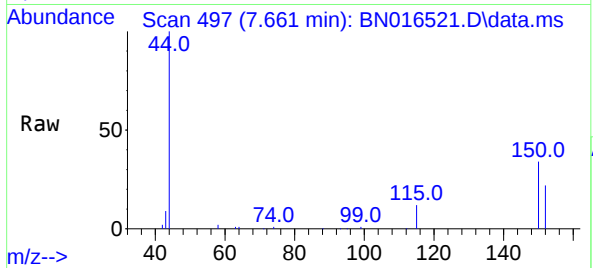
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1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.661 min Scan# 497
Delta R.T. -0.009 min
Lab File: BN016521.D
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Tgt Ion:152 Resp: 11087
Ion Ratio Lower Upper
152 100
150 156.0 125.6 188.4
115 57.4 50.2 75.2

Instrument :
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ClientSampleId :
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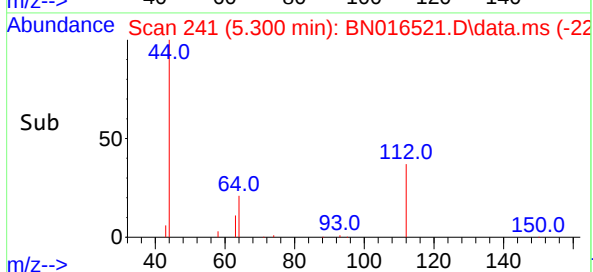
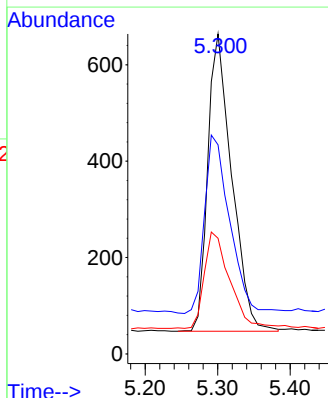
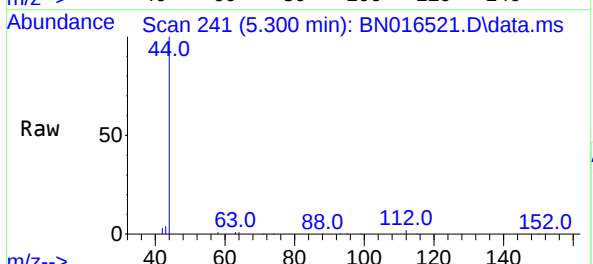
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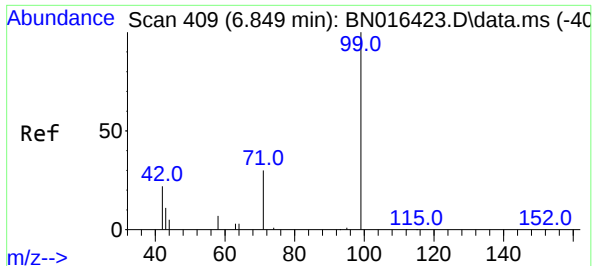
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#4
2-Fluorophenol
Concen: 0.06 ng
RT: 5.300 min Scan# 241
Delta R.T. 0.019 min
Lab File: BN016521.D
Acq: 26 Sep 2021 21:14

Tgt Ion:112 Resp: 1417
Ion Ratio Lower Upper
112 100
64 63.1 47.3 70.9
63 34.2 23.4 35.0





#5
Phenol-d6
Concen: 0.12 ng
RT: 6.849 min Scan# 409
Delta R.T. 0.000 min
Lab File: BN016521.D
Acq: 26 Sep 2021 21:14

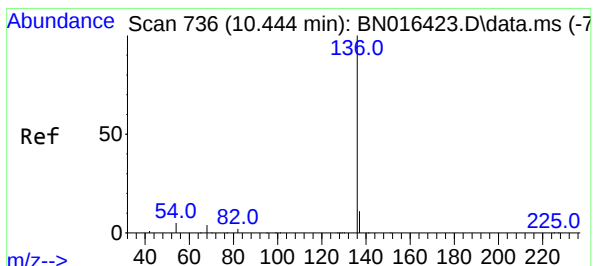
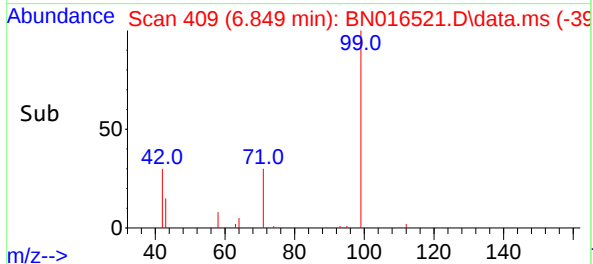
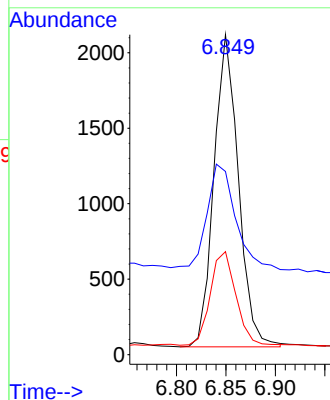
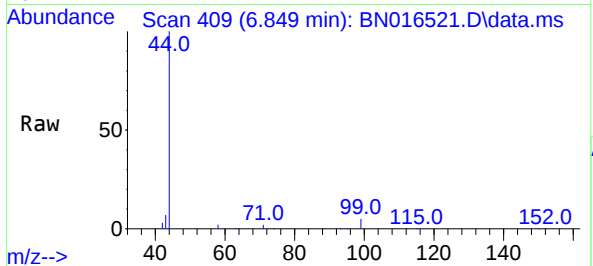
Tgt Ion: 99 Resp: 3549

Ion	Ratio	Lower	Upper
99	100		
42	39.6	14.0	21.0#
71	31.3	23.8	35.6

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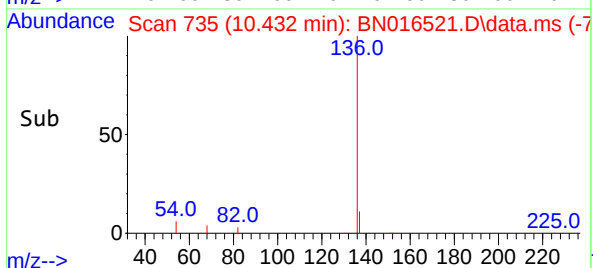
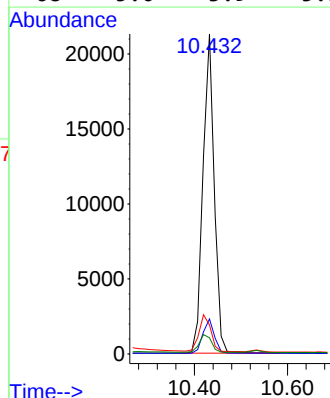
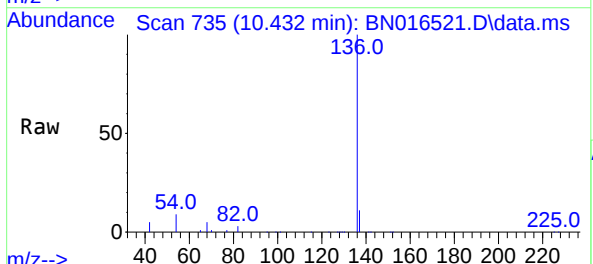
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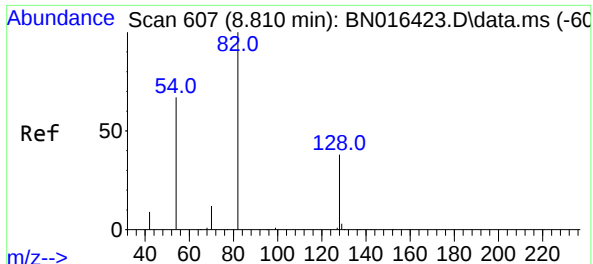


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.432 min Scan# 735
Delta R.T. -0.012 min
Lab File: BN016521.D
Acq: 26 Sep 2021 21:14

Tgt Ion: 136 Resp: 36035

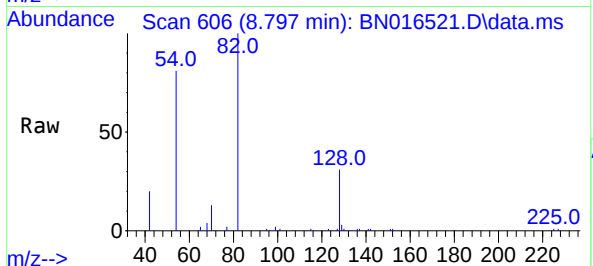
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	9.1	5.3	7.9#
68	5.0	3.9	5.9





#8
Nitrobenzene-d5
Concen: 0.33 ng
RT: 8.797 min Scan# 606
Delta R.T. -0.012 min
Lab File: BN016521.D
Acq: 26 Sep 2021 21:14

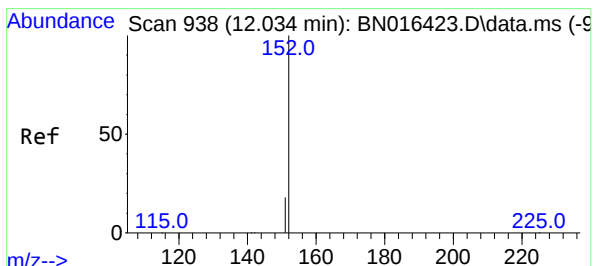
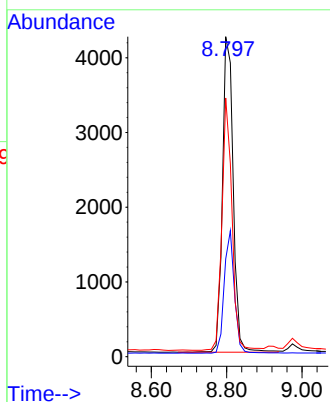
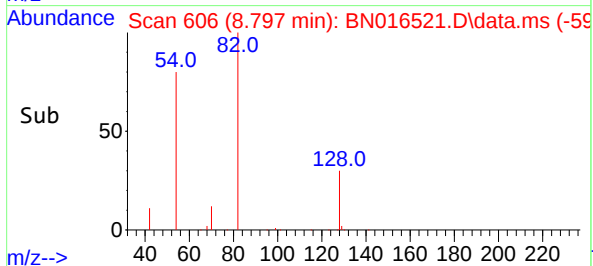
Instrument :
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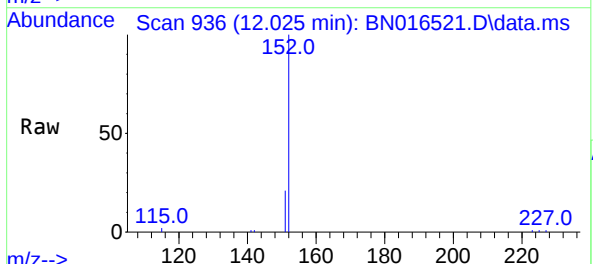
Tgt Ion: 82 Resp: 8438
Ion Ratio Lower Upper
82 100
128 30.5 31.7 47.5#
54 80.9 46.4 69.6#

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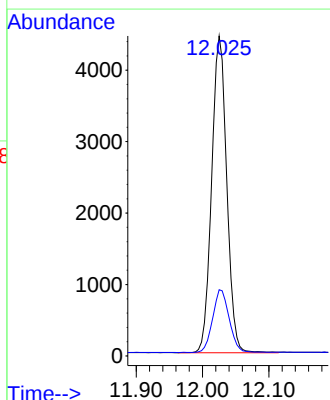
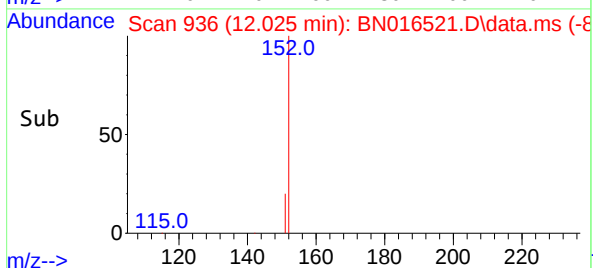
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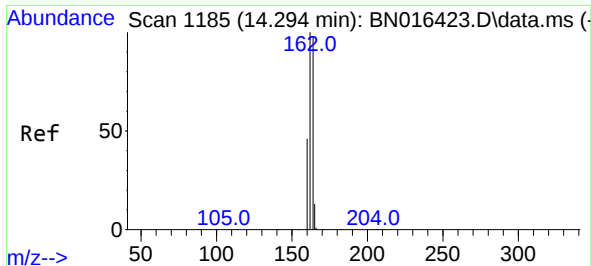


#11
2-Methylnaphthalene-d10
Concen: 0.13 ng
RT: 12.025 min Scan# 936
Delta R.T. -0.009 min
Lab File: BN016521.D
Acq: 26 Sep 2021 21:14

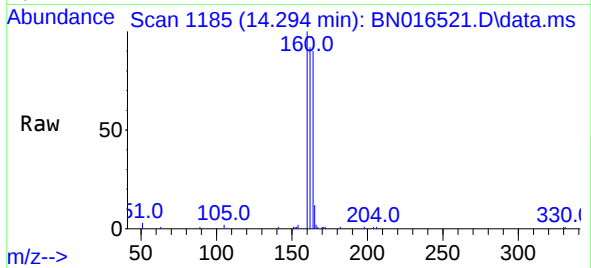


Tgt Ion: 152 Resp: 6997
Ion Ratio Lower Upper
152 100
151 21.8 16.1 24.1

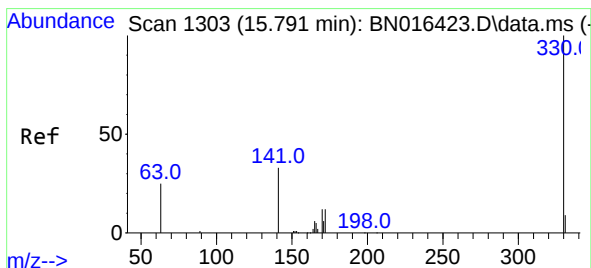
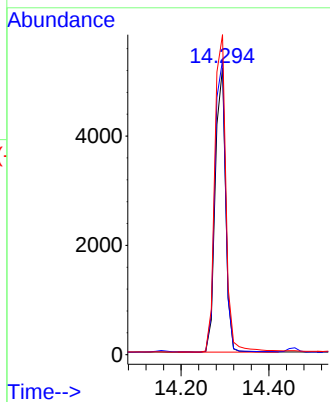
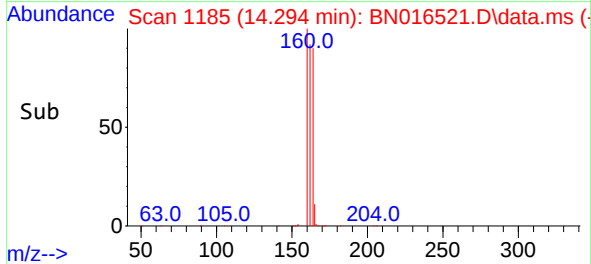




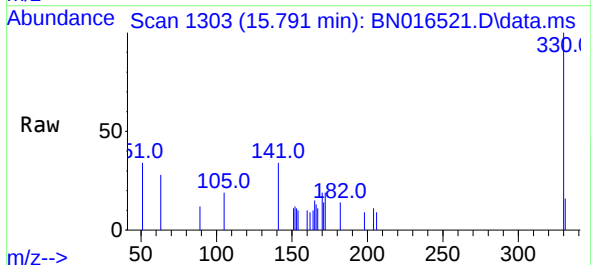
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.294 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BN016521.D
Acq: 26 Sep 2021 21:14



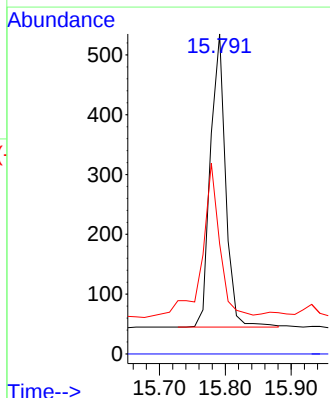
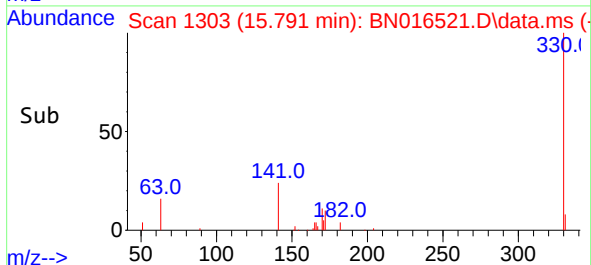
Tgt Ion:164 Resp: 8443
Ion Ratio Lower Upper
164 100
162 102.7 79.0 118.4
160 111.6 34.1 51.1#



#14
2,4,6-Tribromophenol
Concen: 0.37 ng
RT: 15.791 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BN016521.D
Acq: 26 Sep 2021 21:14



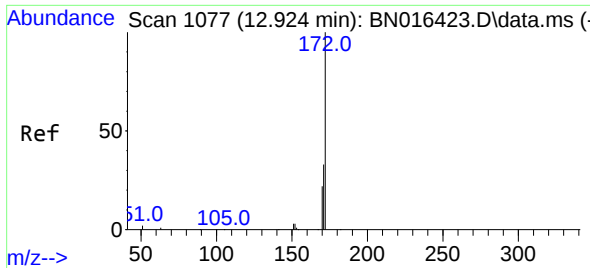
Tgt Ion:330 Resp: 784
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 56.3 25.0 37.4#



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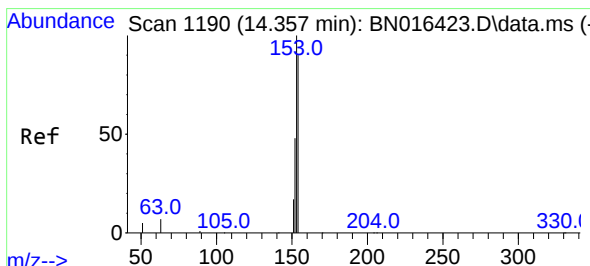
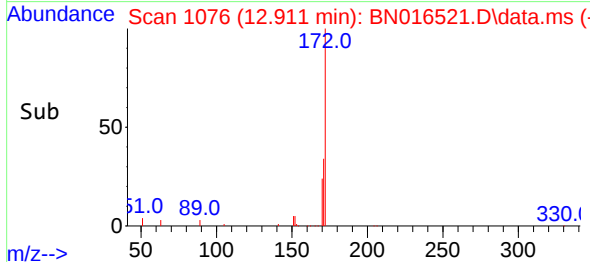
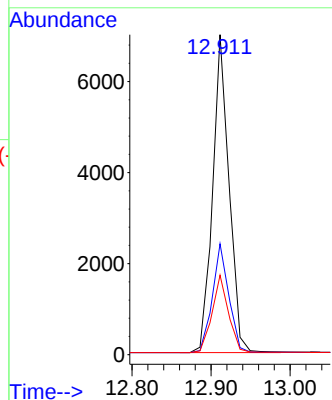
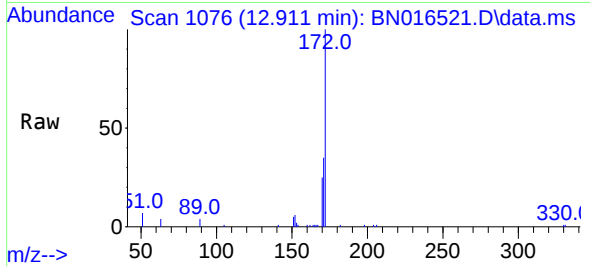
#15
2-Fluorobiphenyl
Concen: 0.28 ng
RT: 12.911 min Scan# 1076
Delta R.T. -0.012 min
Lab File: BN016521.D
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Tgt Ion:	172	Resp:	10062
Ion Ratio	Lower	Upper	
172	100		
171	34.6	27.8	41.6
170	24.9	18.2	27.2

Instrument :
BNA_N
ClientSampleId :
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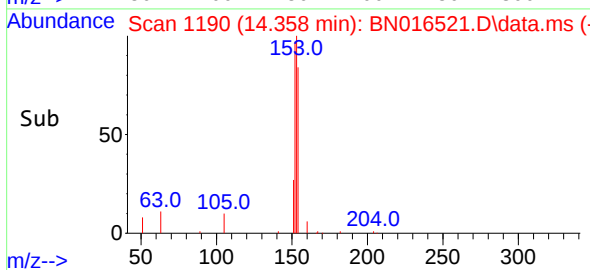
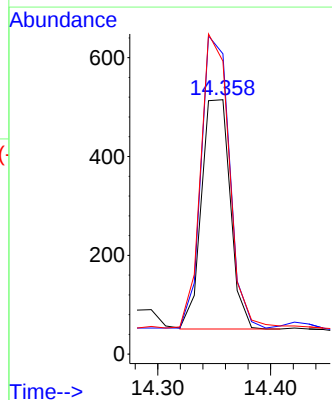
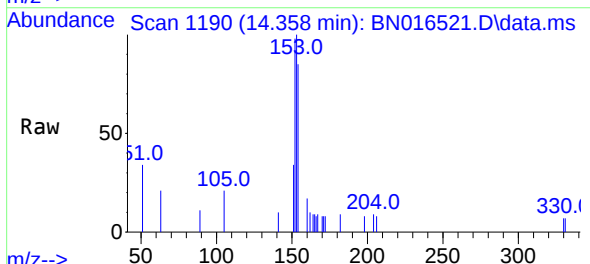
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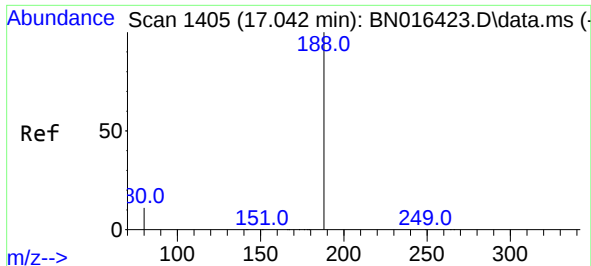
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#17
Acenaphthene
Concen: 0.03 ng
RT: 14.358 min Scan# 1190
Delta R.T. 0.000 min
Lab File: BN016521.D
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Tgt Ion:	154	Resp:	818
Ion Ratio	Lower	Upper	
154	100		
153	125.4	89.3	133.9
152	128.6	42.2	63.4





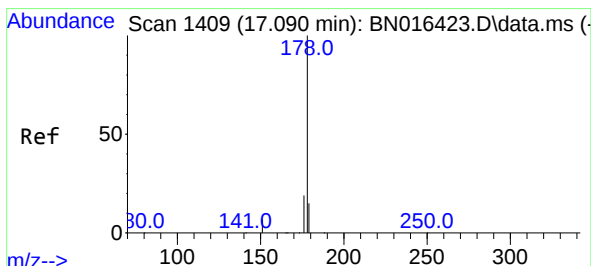
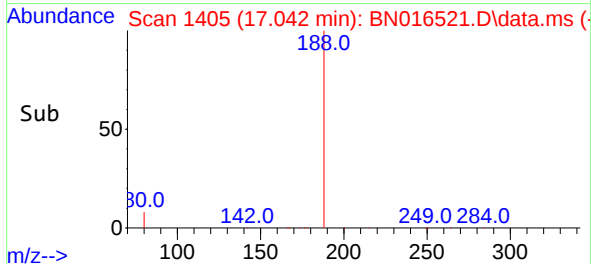
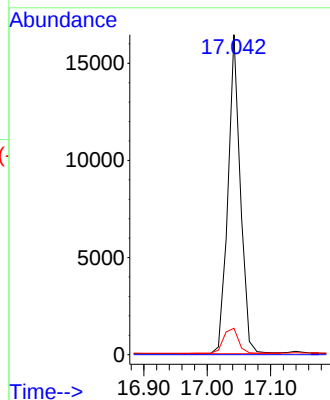
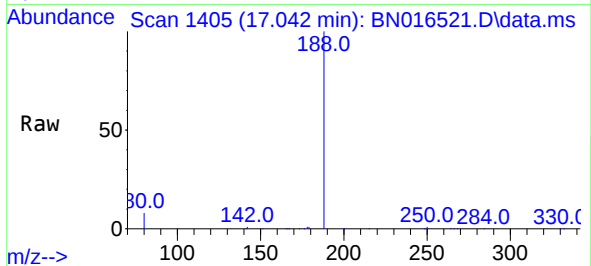
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.042 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BN016521.D
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Tgt Ion:	188	Resp:	22295
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	8.2	7.0	10.6

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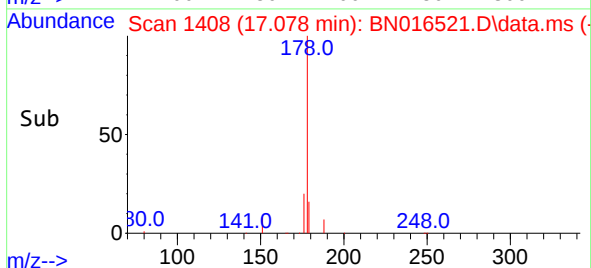
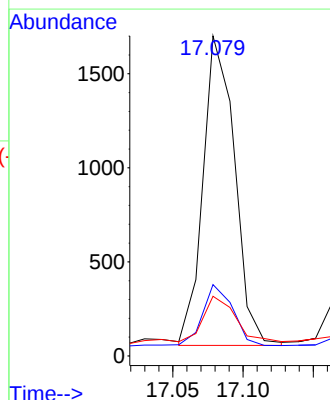
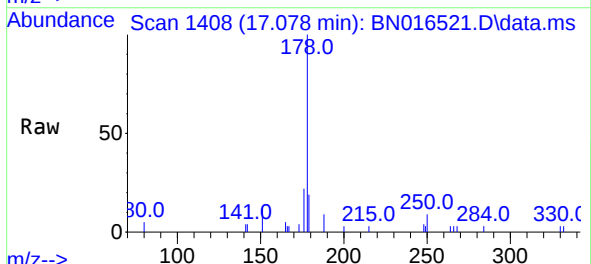
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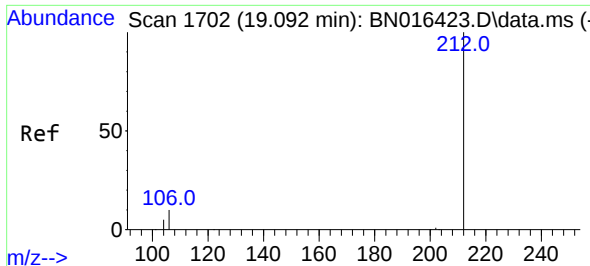
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#25
Phenanthrene
Concen: 0.04 ng m
RT: 17.078 min Scan# 1408
Delta R.T. -0.012 min
Lab File: BN016521.D
Acq: 26 Sep 2021 21:14

Tgt Ion:	178	Resp:	2587
Ion Ratio	Lower	Upper	
178	100		
176	20.4	14.4	21.6
179	20.2	12.2	18.4#





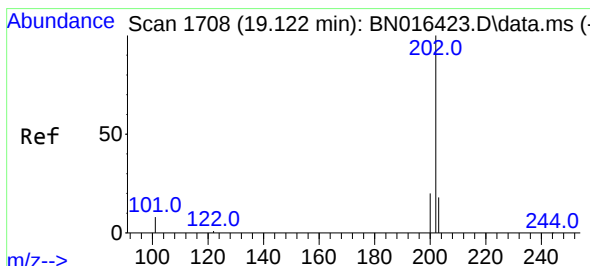
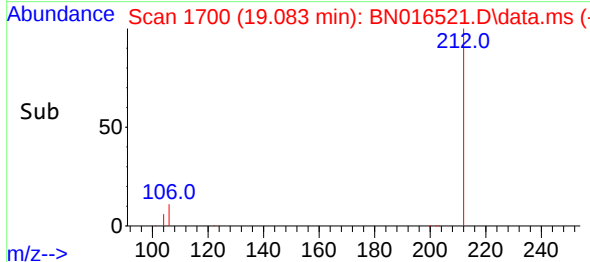
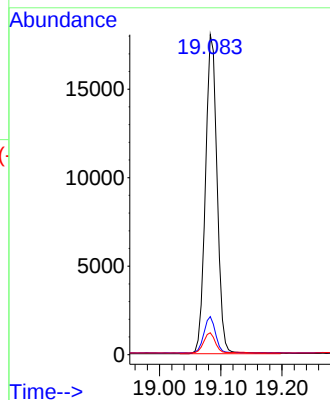
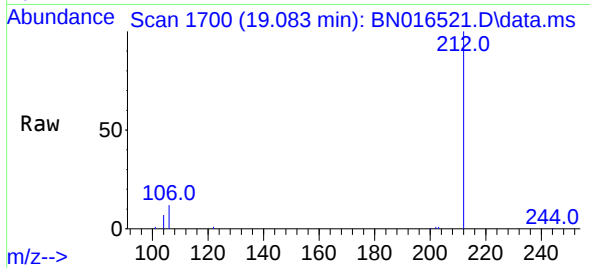
#27
Fluoranthene-d10
Concen: 0.39 ng
RT: 19.083 min Scan# 1700
Delta R.T. -0.010 min
Lab File: BN016521.D
Acq: 26 Sep 2021 21:14

Tgt Ion:	212	Resp:	23805
Ion Ratio	Lower	Upper	
212	100		
106	11.4	9.8	14.6
104	6.4	5.4	8.2

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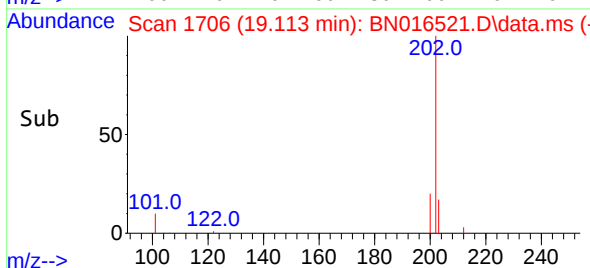
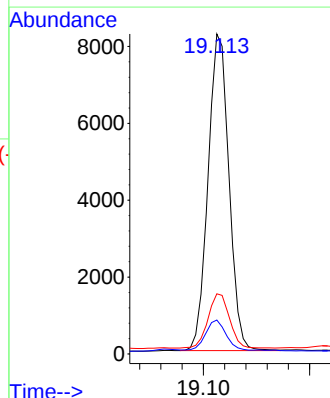
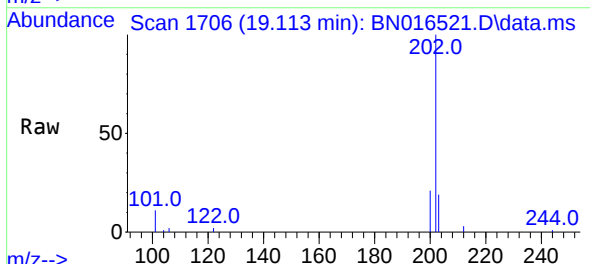
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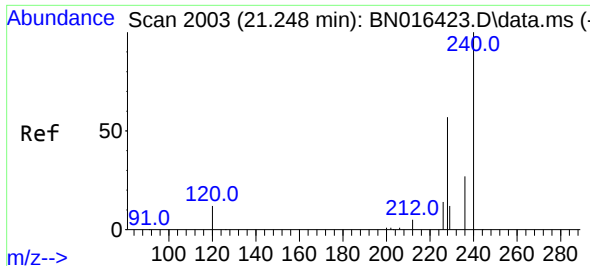
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#28
Fluoranthene
Concen: 0.15 ng
RT: 19.113 min Scan# 1706
Delta R.T. -0.010 min
Lab File: BN016521.D
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Tgt Ion:	202	Resp:	11259
Ion Ratio	Lower	Upper	
202	100		
101	9.4	8.5	12.7
203	17.5	13.8	20.8





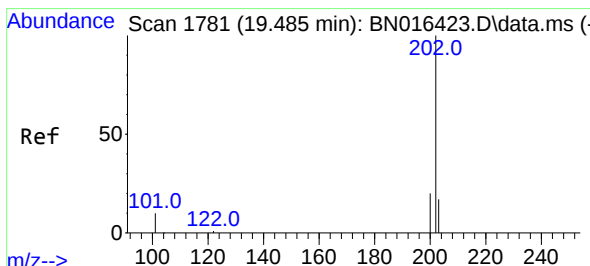
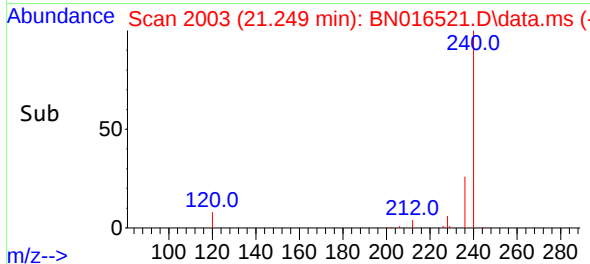
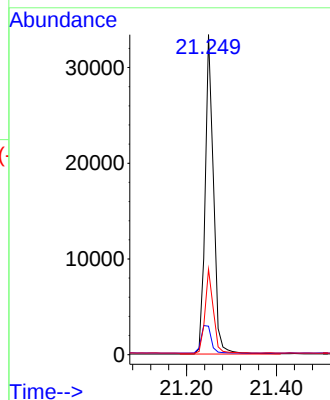
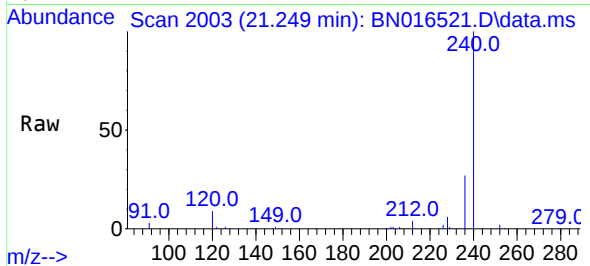
#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.249 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BN016521.D
Acq: 26 Sep 2021 21:14

Tgt Ion:240 Resp: 43008
Ion Ratio Lower Upper
240 100
120 8.9 5.3 7.9#
236 26.7 19.8 29.8

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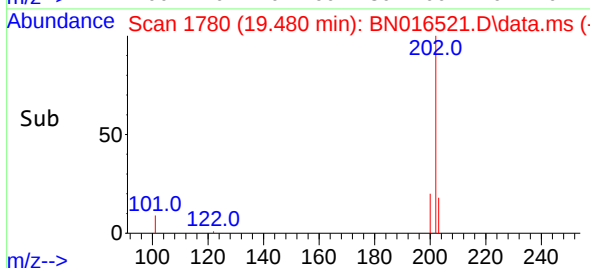
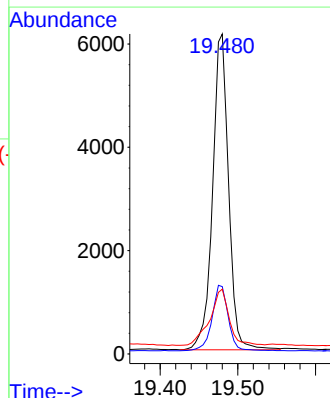
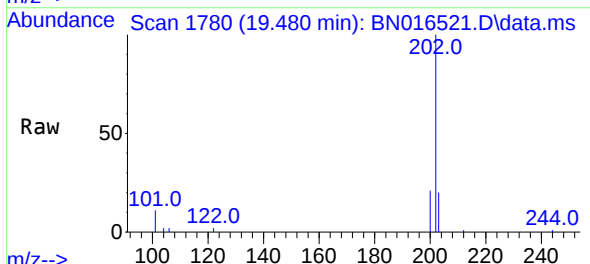
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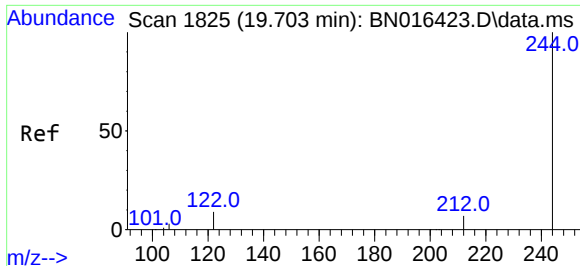
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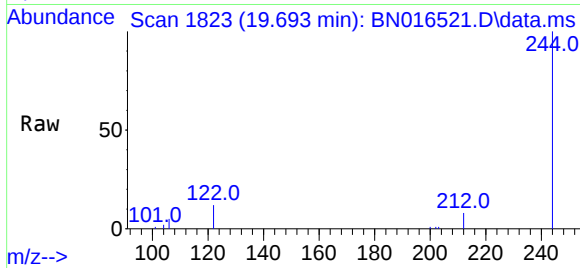
#30
Pyrene
Concen: 0.06 ng
RT: 19.480 min Scan# 1780
Delta R.T. -0.005 min
Lab File: BN016521.D
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Tgt Ion:202 Resp: 8746
Ion Ratio Lower Upper
202 100
200 20.9 15.8 23.6
203 21.5 13.9 20.9#

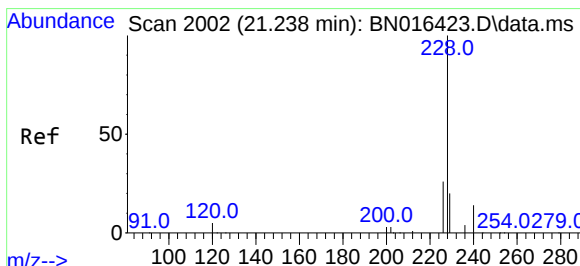
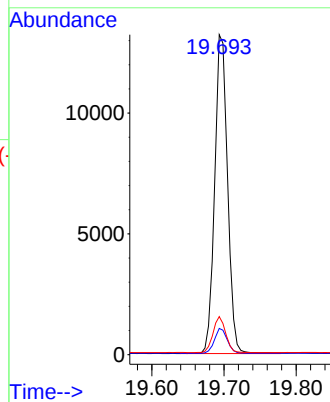
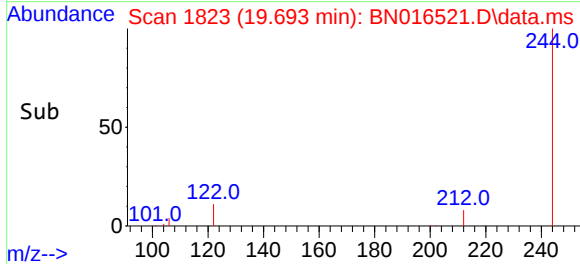




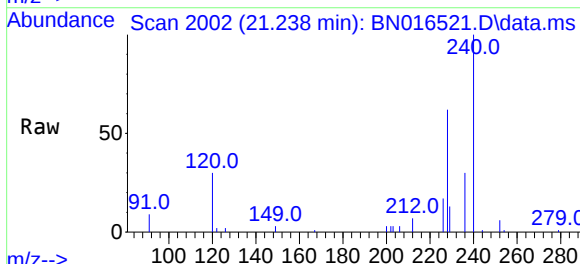
#31
Terphenyl-d14
Concen: 0.16 ng
RT: 19.693 min Scan# 1823
Delta R.T. -0.010 min
Lab File: BN016521.D
Acq: 26 Sep 2021 21:14



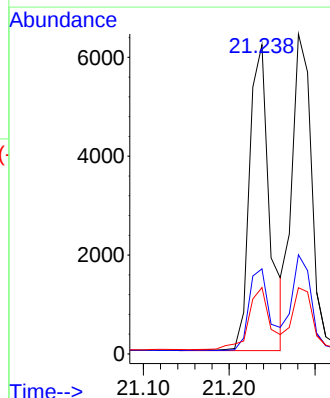
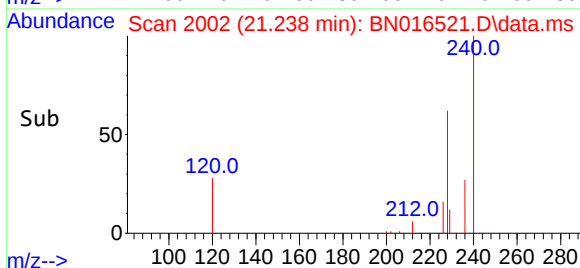
Tgt Ion:244 Resp: 16327
Ion Ratio Lower Upper
244 100
212 8.2 5.5 8.3
122 11.9 9.0 13.4



#32
Benzo(a)anthracene
Concen: 0.08 ng
RT: 21.238 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BN016521.D
Acq: 26 Sep 2021 21:14



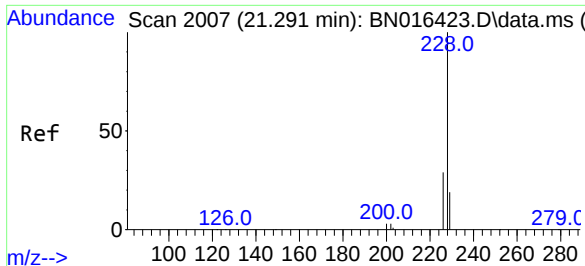
Tgt Ion:228 Resp: 10039
Ion Ratio Lower Upper
228 100
226 27.5 20.8 31.2
229 21.5 15.8 23.6



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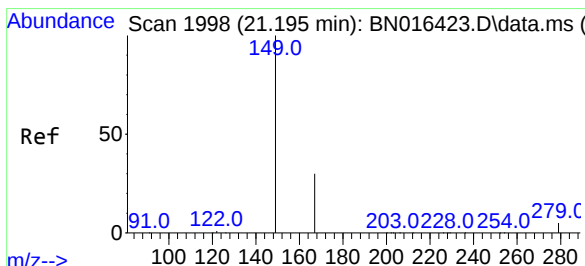
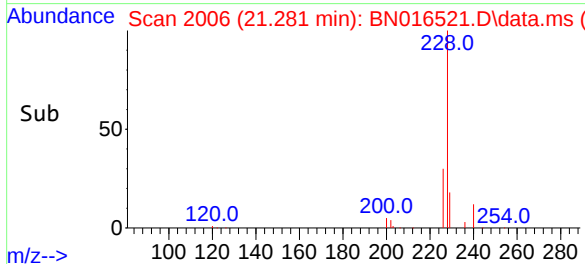
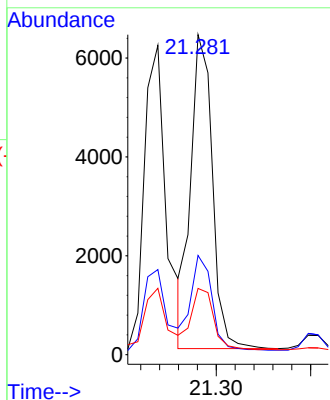
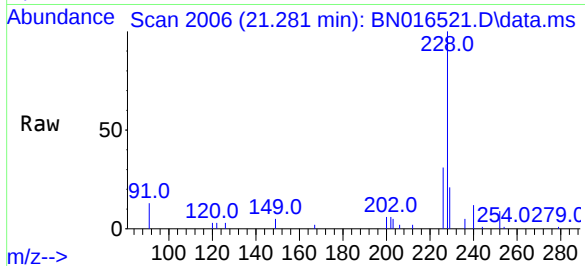
#33
Chrysene
Concen: 0.08 ng
RT: 21.281 min Scan# 2006
Delta R.T. -0.010 min
Lab File: BN016521.D
Acq: 26 Sep 2021 21:14

Tgt Ion:	228	Resp:	10063
Ion Ratio	Lower	Upper	
228	100		
226	31.0	23.0	34.4
229	20.7	15.6	23.4

Instrument :
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ClientSampleId :
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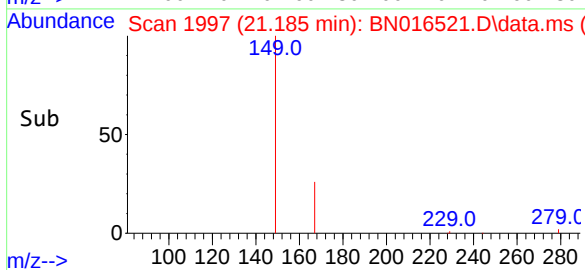
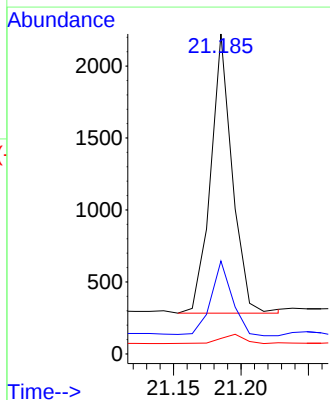
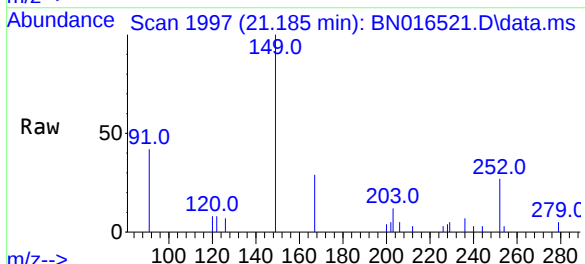
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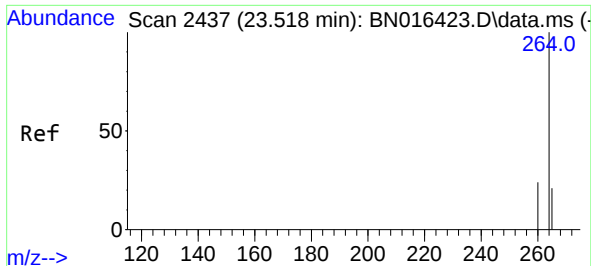
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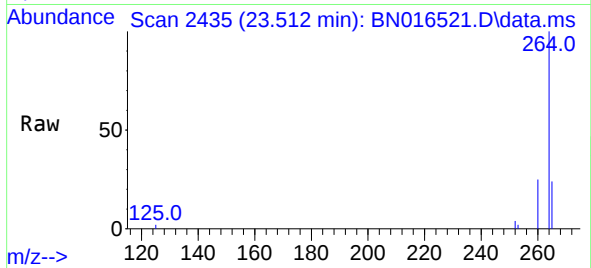
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.06 ng
RT: 21.185 min Scan# 1997
Delta R.T. -0.010 min
Lab File: BN016521.D
Acq: 26 Sep 2021 21:14

Tgt Ion:	149	Resp:	2160
Ion Ratio	Lower	Upper	
149	100		
167	26.5	23.4	35.0
279	3.8	3.9	5.9#

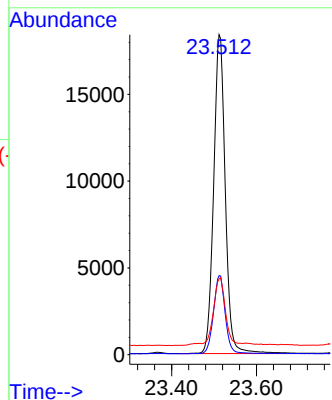




#35
Perylene-d12
Concen: 0.40 ng
RT: 23.512 min Scan# 2435
Delta R.T. -0.007 min
Lab File: BN016521.D
Acq: 26 Sep 2021 21:14



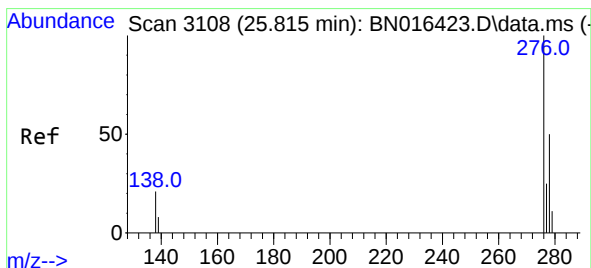
Tgt Ion:	264	Resp:	34825
Ion Ratio	Lower	Upper	
264	100		
260	24.7	18.9	28.3
265	23.7	23.7	35.5#



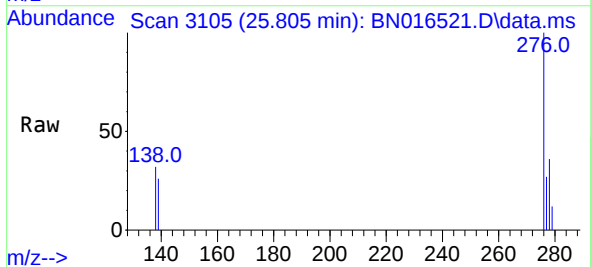
Instrument :
BNA_N
ClientSampleId :
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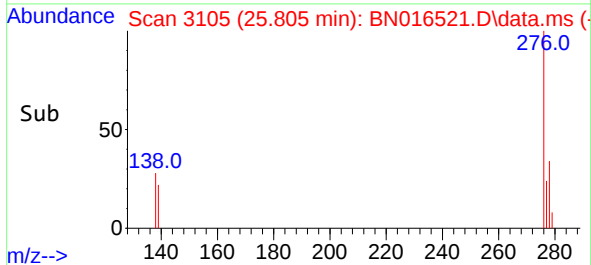
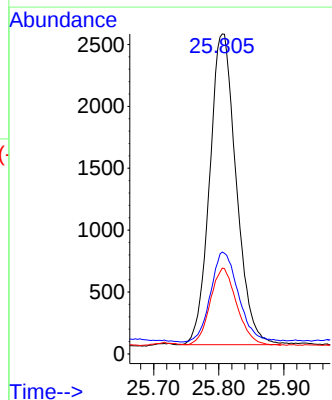
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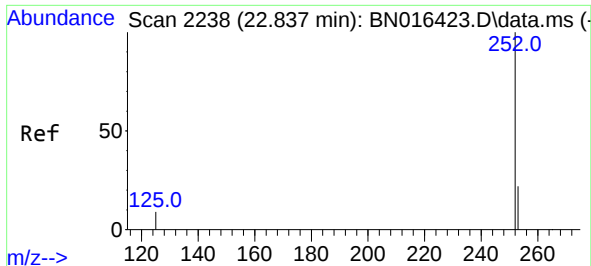


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.06 ng
RT: 25.805 min Scan# 3105
Delta R.T. -0.010 min
Lab File: BN016521.D
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Tgt Ion:	276	Resp:	7124
Ion Ratio	Lower	Upper	
276	100		
138	30.4	19.3	28.9#
277	24.5	20.2	30.2





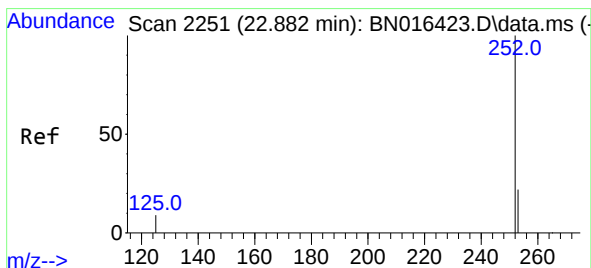
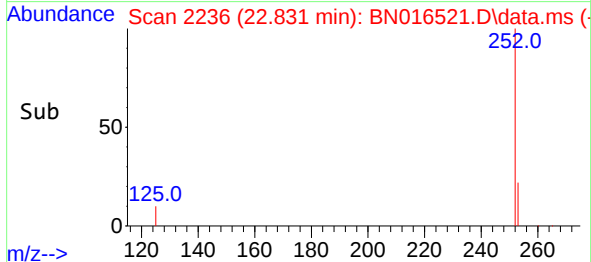
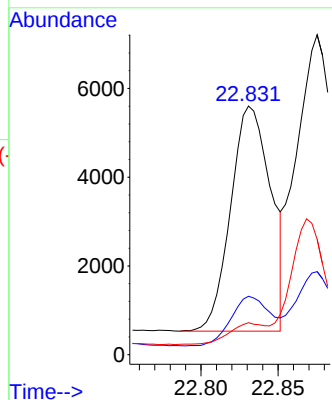
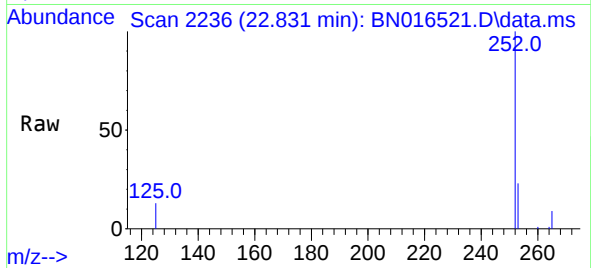
#37
Benzo(b)fluoranthene
Concen: 0.08 ng
RT: 22.831 min Scan# 2236
Delta R.T. -0.007 min
Lab File: BN016521.D
Acq: 26 Sep 2021 21:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.2	27.2
125	12.9	8.4	12.6#

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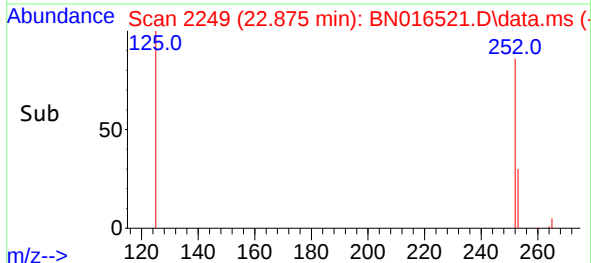
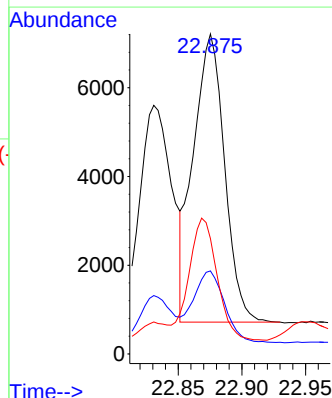
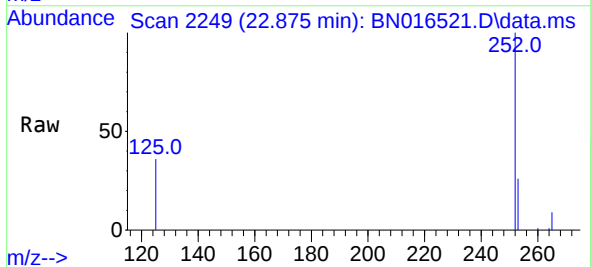
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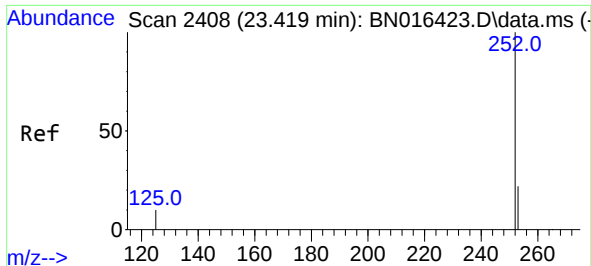
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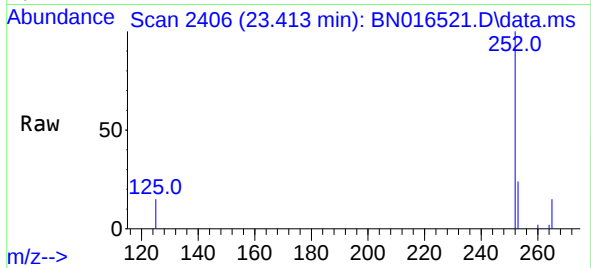
#38
Benzo(k)fluoranthene
Concen: 0.10 ng
RT: 22.875 min Scan# 2249
Delta R.T. -0.007 min
Lab File: BN016521.D
Acq: 26 Sep 2021 21:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.0	18.2	27.2
125	36.1	8.2	12.4#

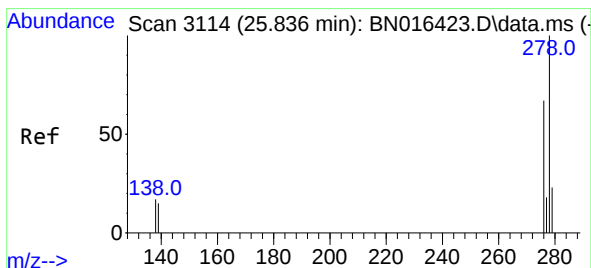
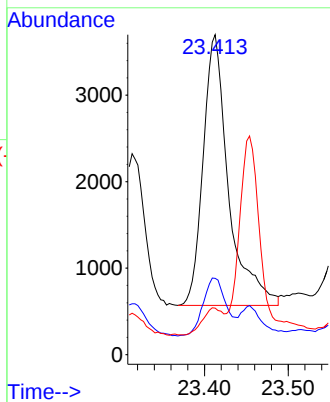
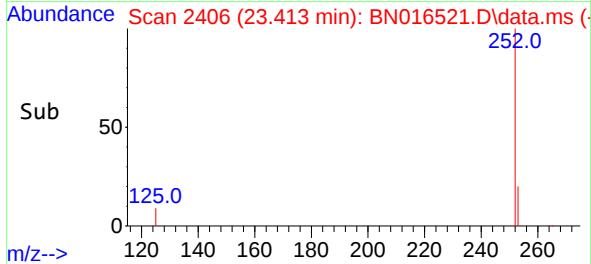




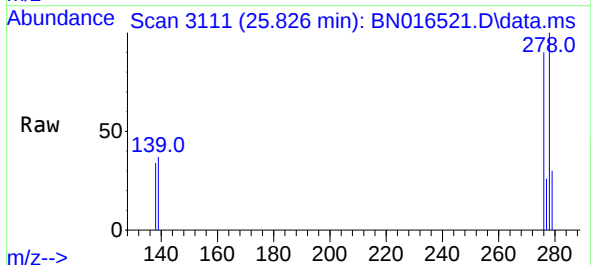
#39
Benzo(a)pyrene
Concen: 0.07 ng
RT: 23.413 min Scan# 2406
Delta R.T. -0.007 min
Lab File: BN016521.D
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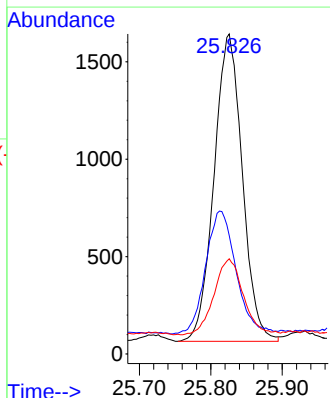
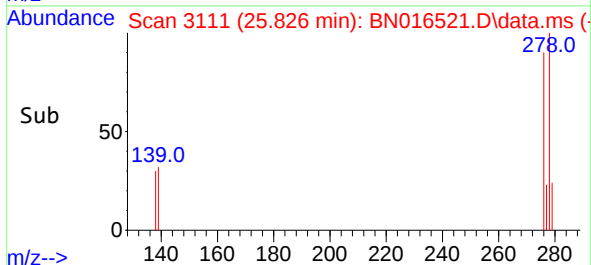
Tgt Ion:252 Resp: 6616
Ion Ratio Lower Upper
252 100
253 23.9 18.7 28.1
125 14.6 9.9 14.9



#40
Dibenzo(a,h)anthracene
Concen: 0.05 ng
RT: 25.826 min Scan# 3111
Delta R.T. -0.010 min
Lab File: BN016521.D
Acq: 26 Sep 2021 21:14



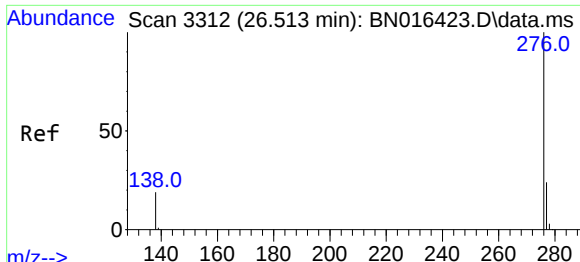
Tgt Ion:278 Resp: 4342
Ion Ratio Lower Upper
278 100
139 37.0 14.2 21.2#
279 29.8 21.3 31.9



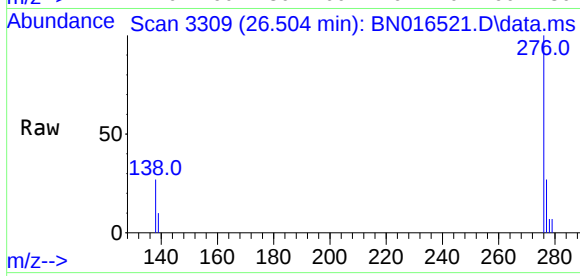
Instrument :
BNA_N
ClientSampleId :
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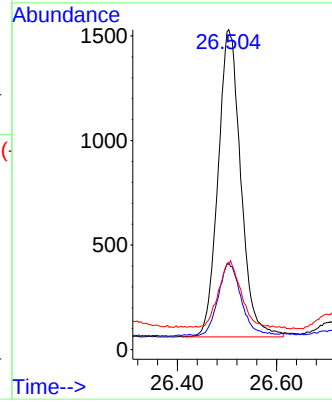
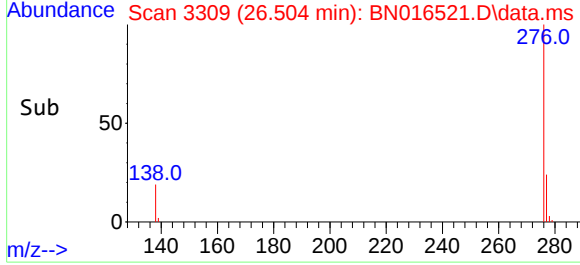
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#41
 Benzo(g,h,i)perylene
 Concen: 0.05 ng
 RT: 26.504 min Scan# 3309
 Delta R.T. -0.010 min
 Lab File: BN016521.D
 Acq: 26 Sep 2021 21:14



Tgt Ion:	276	Resp:	4665
Ion Ratio	Lower	Upper	
276	100		
277	27.2	20.5	30.7
138	26.7	18.2	27.4



Instrument :
 BNA_N
 ClientSampleId :
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