

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092521\
 Data File : BN016511.D
 Acq On : 26 Sep 2021 15:13
 Operator : CG/JU
 Sample : M3892-03
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 S-829-J-SO-2-2.5-092221

Manual Integrations
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Quant Time: Sep 27 05:31:16 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	7.670	152	13590	0.40	ng	0.00
7) Naphthalene-d8	10.432	136	50343	0.40	ng	#-0.01
13) Acenaphthene-d10	14.294	164	22321	0.40	ng	# 0.00
19) Phenanthrene-d10	17.042	188	74274	0.40	ng	0.00
29) Chrysene-d12	21.249	240	92042	0.40	ng	# 0.00
35) Perylene-d12	23.519	264	86356	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.300	112	3247	0.11	ng	0.02
5) Phenol-d6	6.849	99	5848	0.16	ng	0.00
8) Nitrobenzene-d5	8.810	82	10372	0.29	ng	0.00
11) 2-Methylnaphthalene-d10	12.025	152	12623	0.17	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	1607	0.32	ng	0.00
15) 2-Fluorobiphenyl	12.911	172	20292	0.22	ng	-0.01
27) Fluoranthene-d10	19.088	212	68079	0.33	ng	0.00
31) Terphenyl-d14	19.698	244	50989	0.24	ng	0.00
Target Compounds						Qvalue
17) Acenaphthene	14.357	154	6653	0.10	ng	# 59
18) Fluorene	15.347	166	5125m	0.07	ng	
25) Phenanthrene	17.078	178	162758m	0.74	ng	
26) Anthracene	17.176	178	31244	0.17	ng	95
28) Fluoranthene	19.117	202	420679	1.74	ng	99
30) Pyrene	19.480	202	365527	1.27	ng	# 93
32) Benzo(a)anthracene	21.238	228	214370	0.80	ng	98
33) Chrysene	21.291	228	191432	0.67	ng	98
34) Bis(2-ethylhexyl)phtha...	21.185	149	5388	0.07	ng	97
36) Indeno(1,2,3-cd)pyrene	25.812	276	104359	0.37	ng	97
37) Benzo(b)fluoranthene	22.837	252	241131	0.84	ng	99
38) Benzo(k)fluoranthene	22.878	252	113230m	0.41	ng	
39) Benzo(a)pyrene	23.416	252	161522	0.69	ng	97
40) Dibenzo(a,h)anthracene	25.832	278	29927	0.13	ng	# 89
41) Benzo(g,h,i)perylene	26.514	276	95911	0.39	ng	98

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

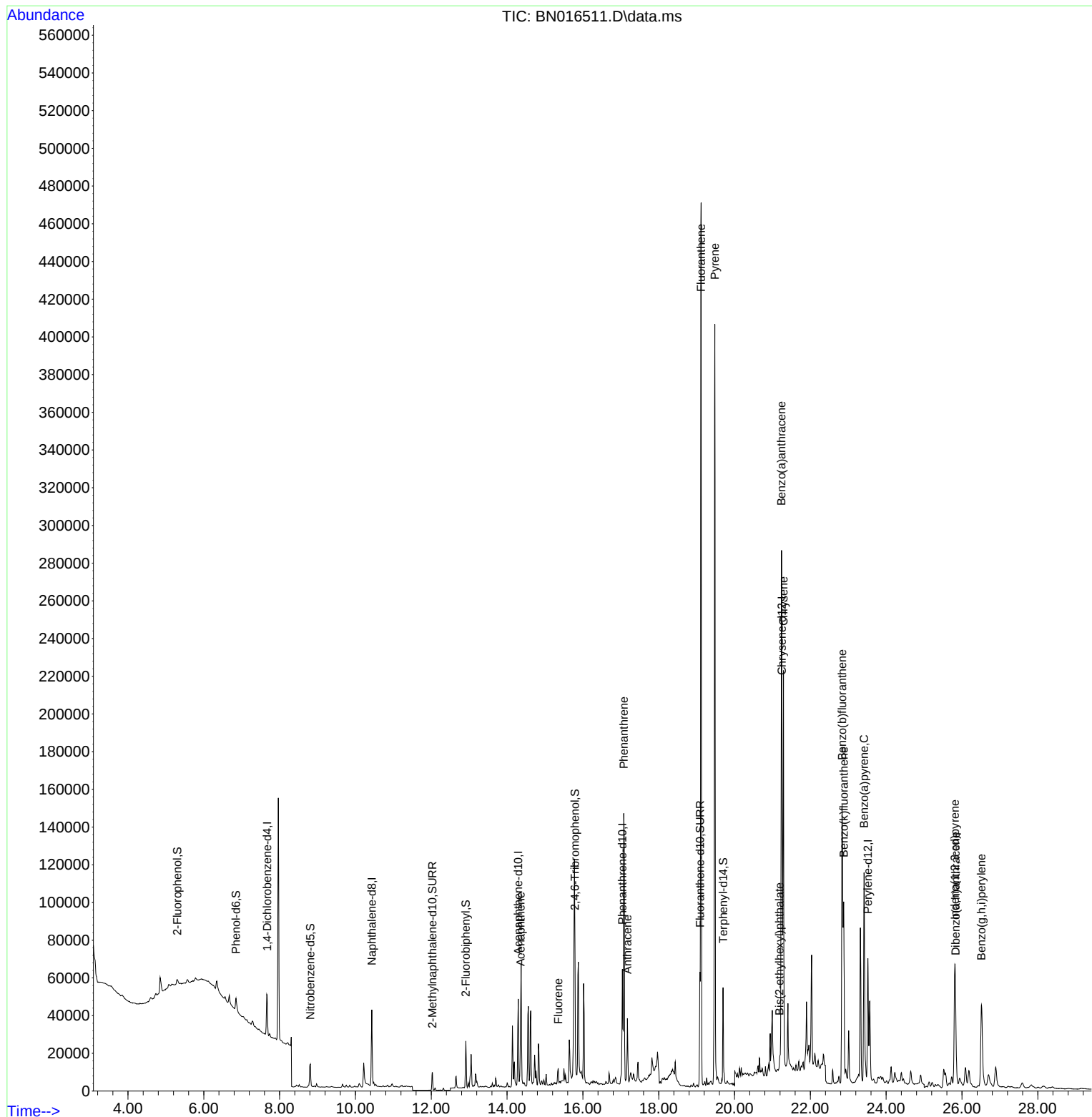
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092521\
Data File : BN016511.D
Acq On : 26 Sep 2021 15:13
Operator : CG/JU
Sample : M3892-03
Misc :
ALS Vial : 44 Sample Multiplier: 1

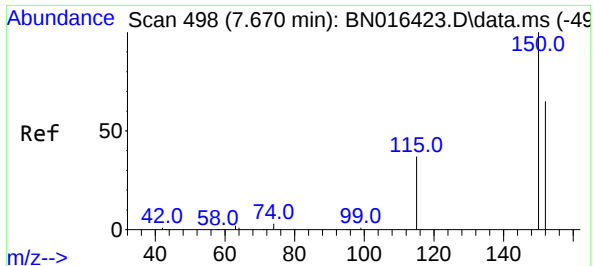
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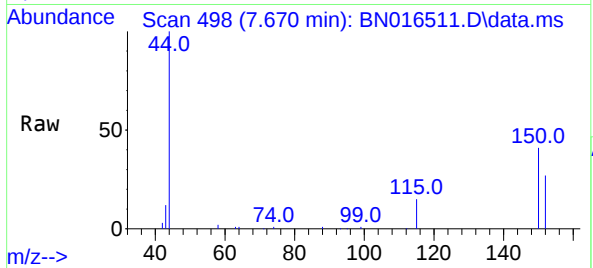
Quant Time: Sep 27 05:31:16 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 24 03:35:41 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.670 min Scan# 498
Delta R.T. -0.000 min
Lab File: BN016511.D
Acq: 26 Sep 2021 15:13

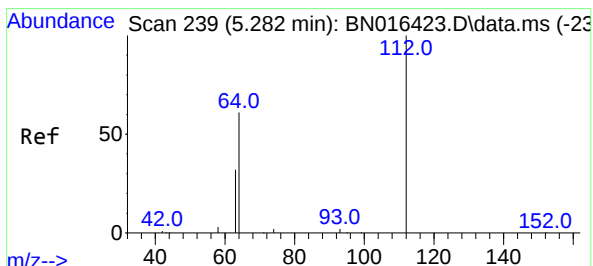
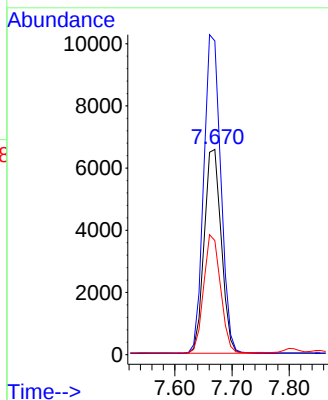
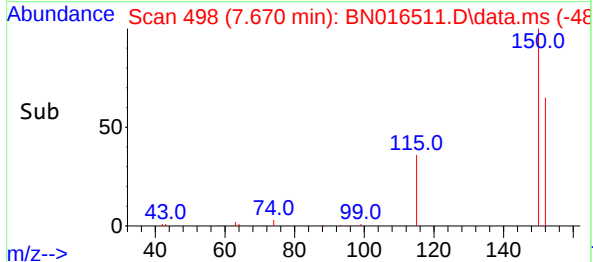
Instrument :
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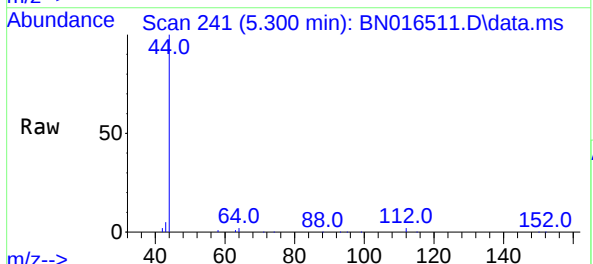
Tgt Ion:152 Resp: 13590
Ion Ratio Lower Upper
152 100
150 152.8 125.6 188.4
115 55.6 50.2 75.2

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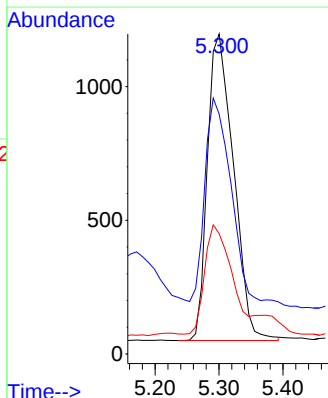
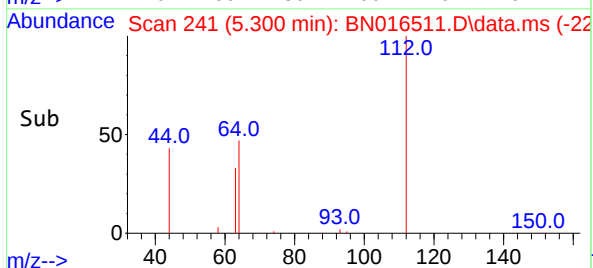
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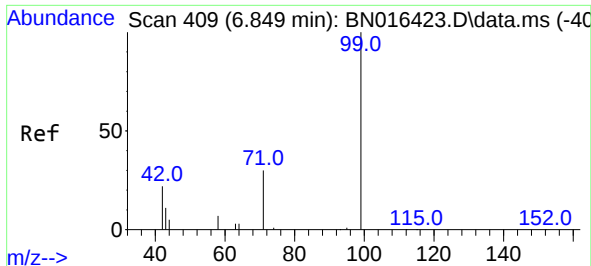


#4
2-Fluorophenol
Concen: 0.11 ng
RT: 5.300 min Scan# 241
Delta R.T. 0.019 min
Lab File: BN016511.D
Acq: 26 Sep 2021 15:13



Tgt Ion:112 Resp: 3247
Ion Ratio Lower Upper
112 100
64 65.3 47.3 70.9
63 37.7 23.4 35.0#





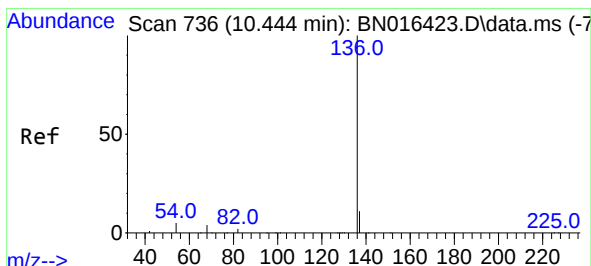
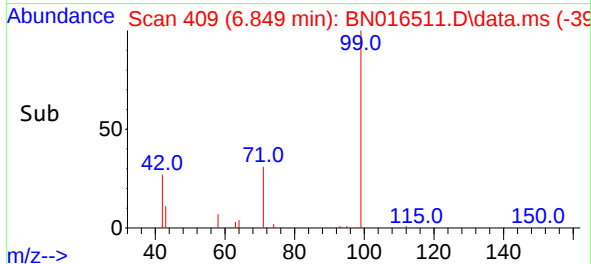
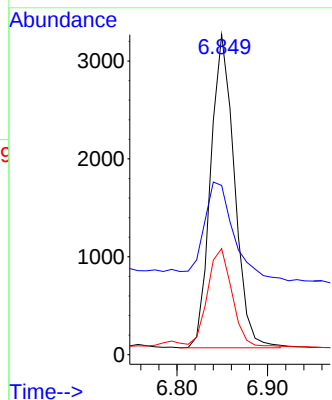
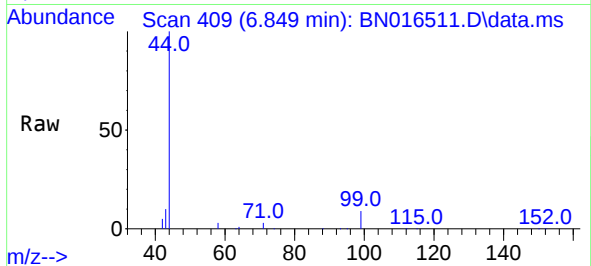
#5
Phenol-d6
Concen: 0.16 ng
RT: 6.849 min Scan# 409
Delta R.T. 0.000 min
Lab File: BN016511.D
Acq: 26 Sep 2021 15:13

Tgt Ion: 99 Resp: 5848
Ion Ratio Lower Upper
99 100
42 37.1 14.0 21.0#
71 31.7 23.8 35.6

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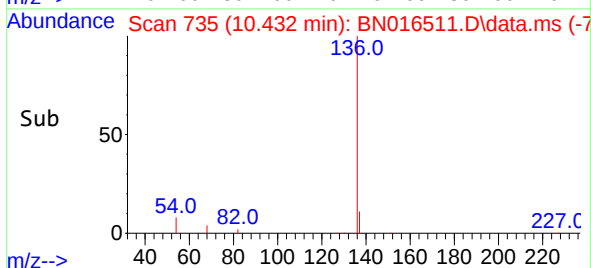
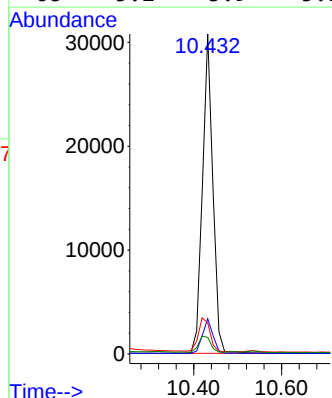
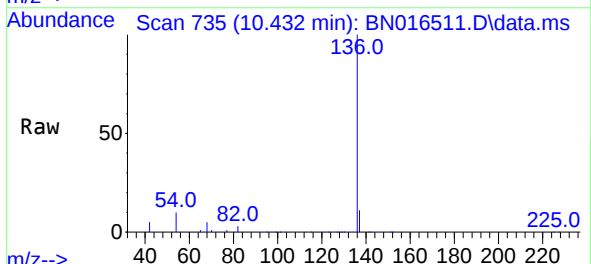
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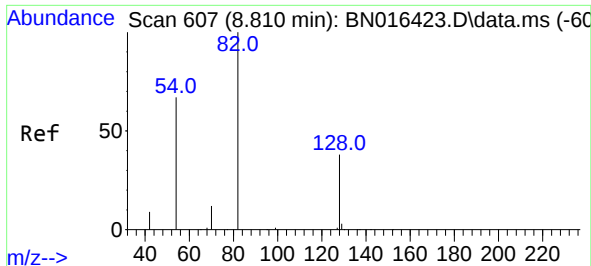
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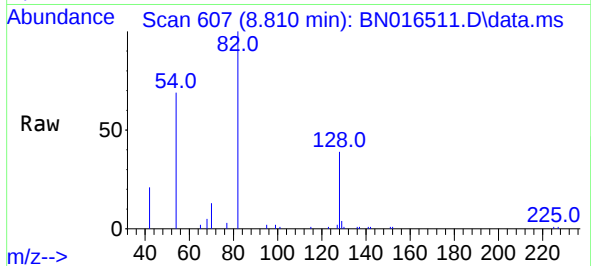
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.432 min Scan# 735
Delta R.T. -0.013 min
Lab File: BN016511.D
Acq: 26 Sep 2021 15:13

Tgt Ion: 136 Resp: 50343
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 9.7 5.3 7.9#
68 5.2 3.9 5.9

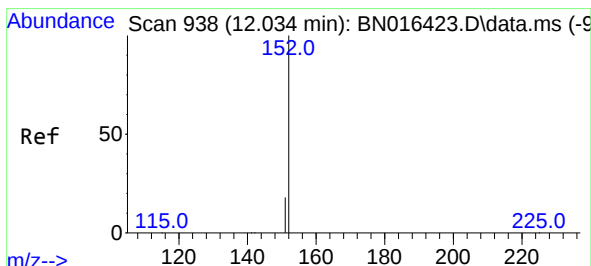
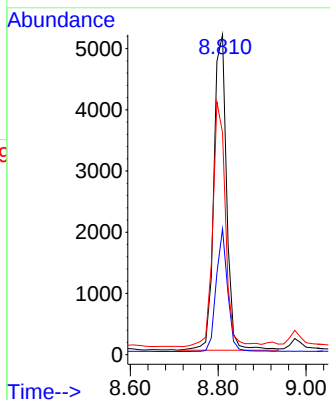
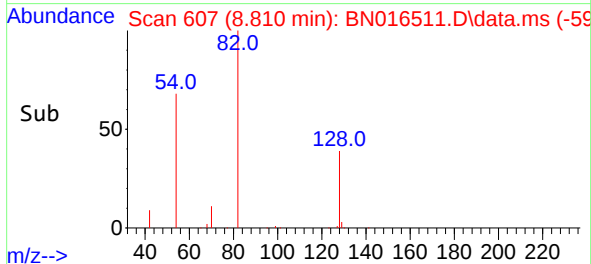




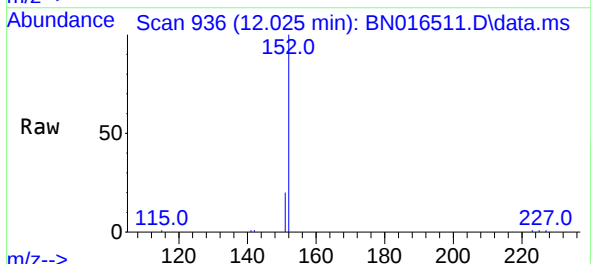
#8
Nitrobenzene-d5
Concen: 0.29 ng
RT: 8.810 min Scan# 607
Delta R.T. 0.000 min
Lab File: BN016511.D
Acq: 26 Sep 2021 15:13



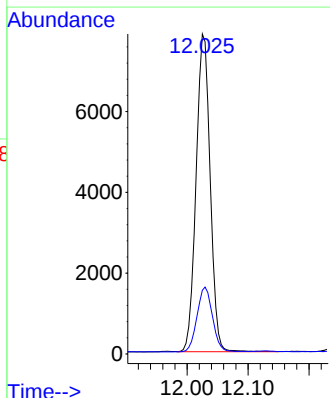
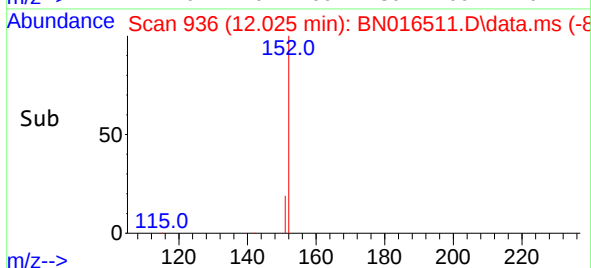
Tgt Ion: 82 Resp: 10372
Ion Ratio Lower Upper
82 100
128 39.3 31.7 47.5
54 69.4 46.4 69.6



#11
2-Methylnaphthalene-d10
Concen: 0.17 ng
RT: 12.025 min Scan# 936
Delta R.T. -0.009 min
Lab File: BN016511.D
Acq: 26 Sep 2021 15:13



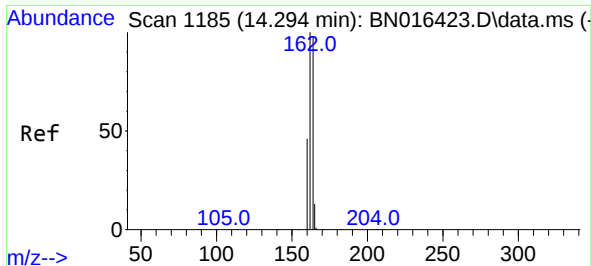
Tgt Ion: 152 Resp: 12623
Ion Ratio Lower Upper
152 100
151 22.5 16.1 24.1



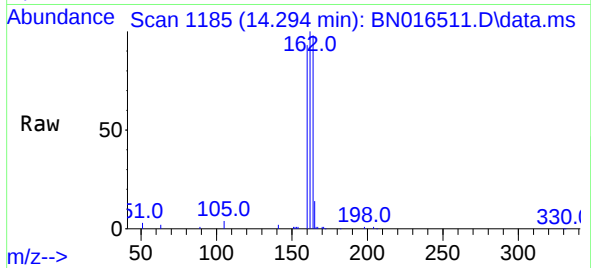
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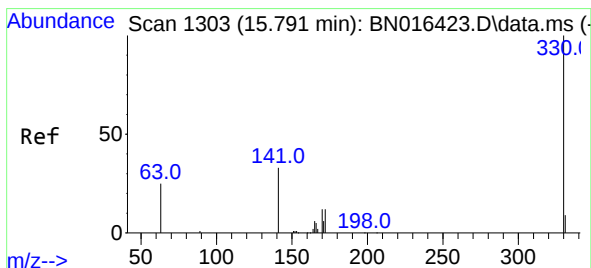
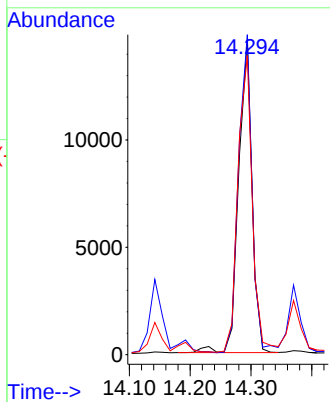
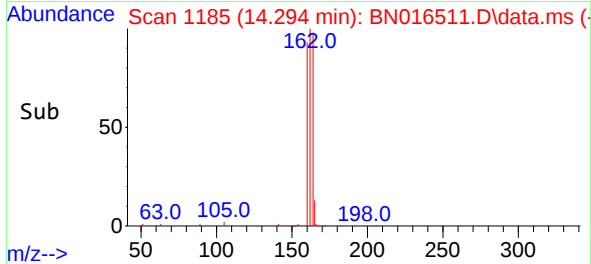


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.294 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BN016511.D
Acq: 26 Sep 2021 15:13

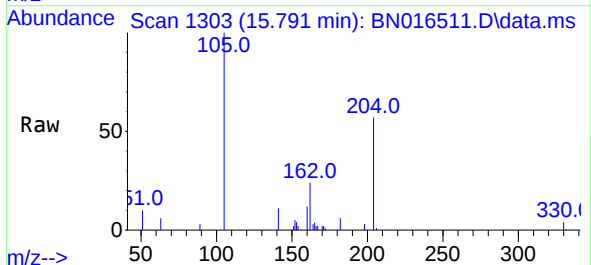


Tgt Ion:164 Resp: 22321

Ion	Ratio	Lower	Upper
164	100		
162	101.7	79.0	118.4
160	95.1	34.1	51.1#

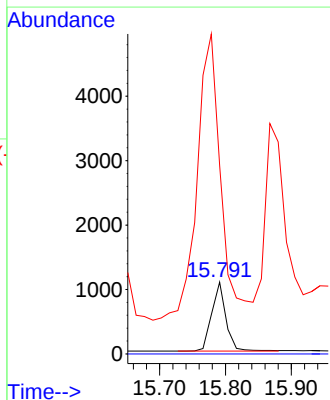
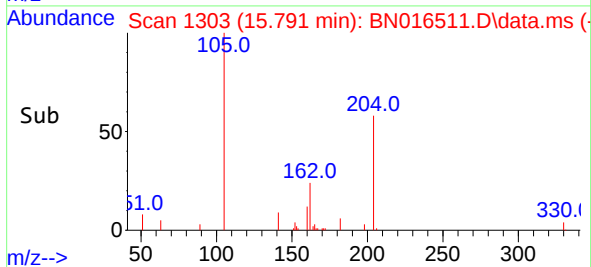


#14
2,4,6-Tribromophenol
Concen: 0.32 ng
RT: 15.791 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BN016511.D
Acq: 26 Sep 2021 15:13



Tgt Ion:330 Resp: 1607

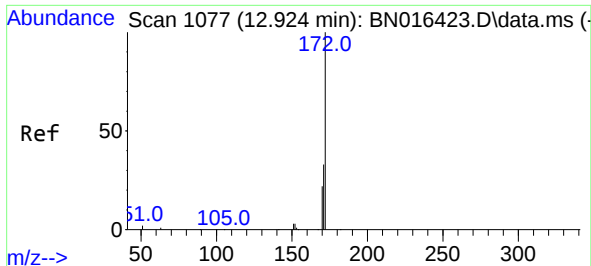
Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	637.1	25.0	37.4#



Instrument :
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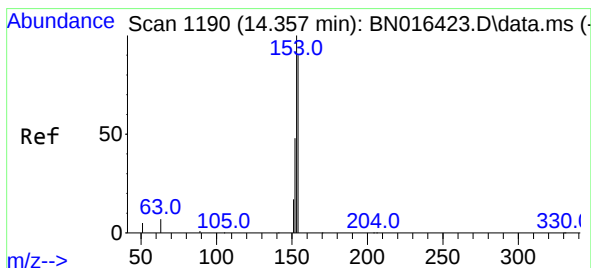
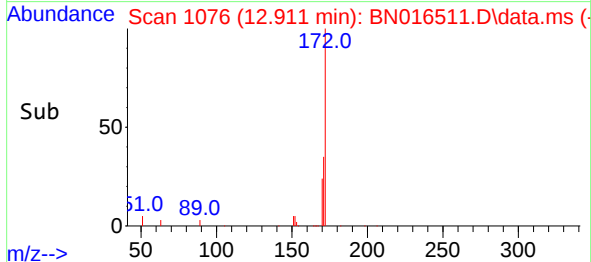
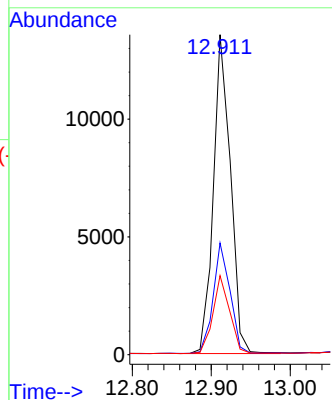
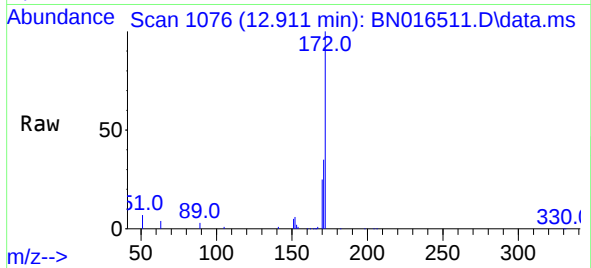
#15
2-Fluorobiphenyl
Concen: 0.22 ng
RT: 12.911 min Scan# 1076
Delta R.T. -0.013 min
Lab File: BN016511.D
Acq: 26 Sep 2021 15:13

Tgt Ion:	172	Resp:	20292
Ion Ratio	Lower	Upper	
172	100		
171	34.9	27.8	41.6
170	24.7	18.2	27.2

Instrument :
BNA_N
ClientSampleId :
S-829-J-SO-2-2.5-092221

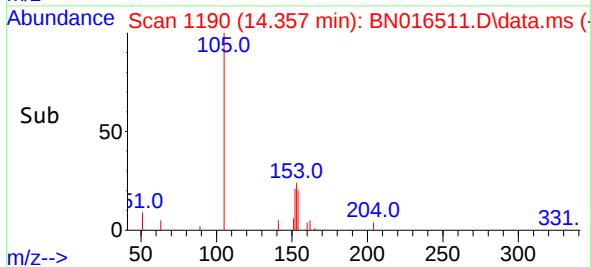
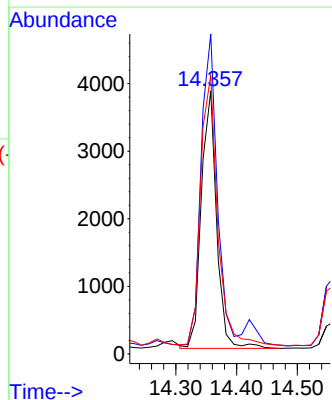
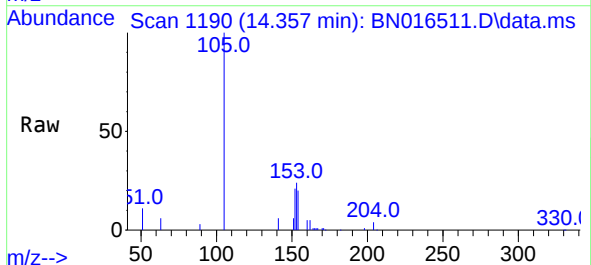
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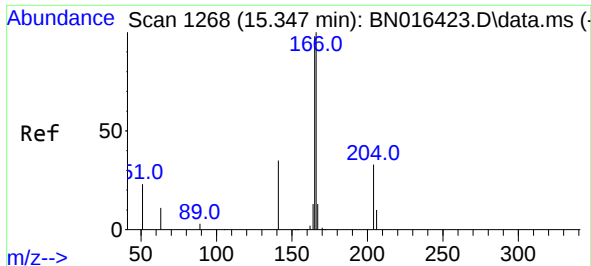
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#17
Acenaphthene
Concen: 0.10 ng
RT: 14.357 min Scan# 1190
Delta R.T. 0.000 min
Lab File: BN016511.D
Acq: 26 Sep 2021 15:13

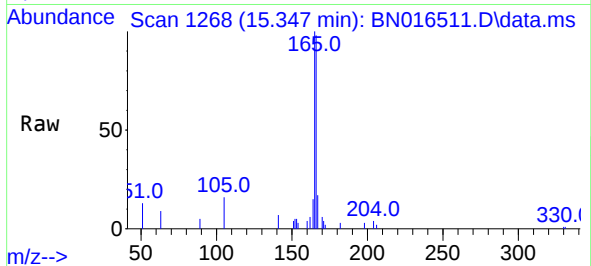
Tgt Ion:	154	Resp:	6653
Ion Ratio	Lower	Upper	
154	100		
153	128.8	89.3	133.9
152	118.1	42.2	63.4





#18
Fluorene
Concen: 0.07 ng m
RT: 15.347 min Scan# 1268
Delta R.T. 0.000 min
Lab File: BN016511.D
Acq: 26 Sep 2021 15:13

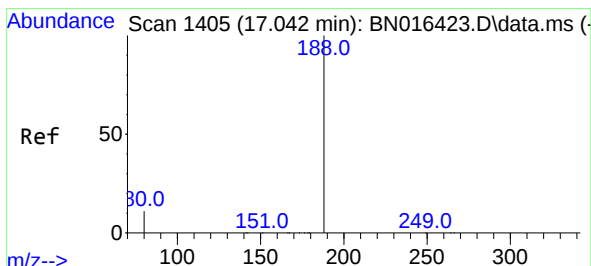
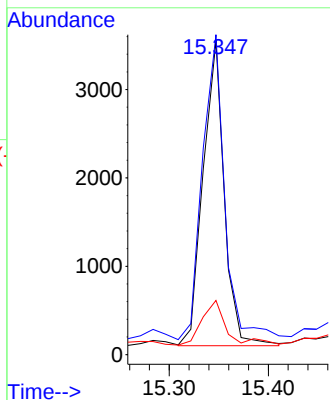
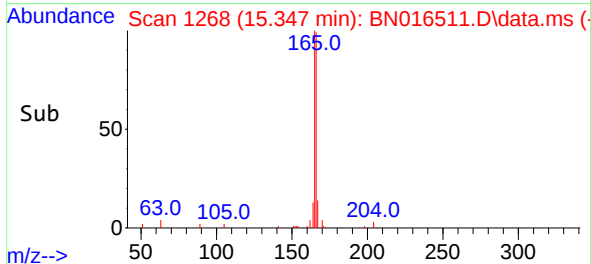
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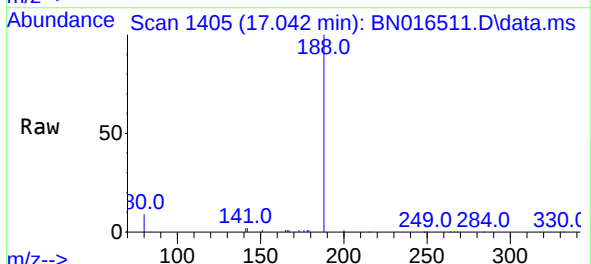
Tgt Ion:166 Resp: 5125
Ion Ratio Lower Upper
166 100
165 105.3 76.7 115.1
167 17.1 10.9 16.3#

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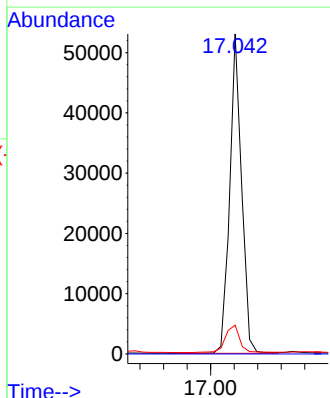
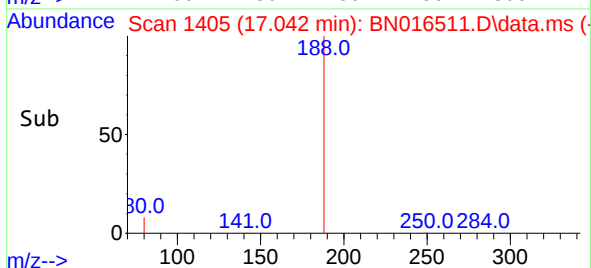
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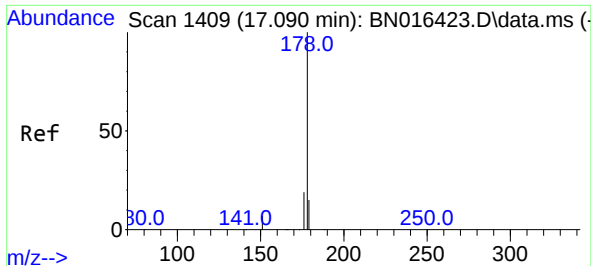


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.042 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BN016511.D
Acq: 26 Sep 2021 15:13



Tgt Ion:188 Resp: 74274
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.0 7.0 10.6





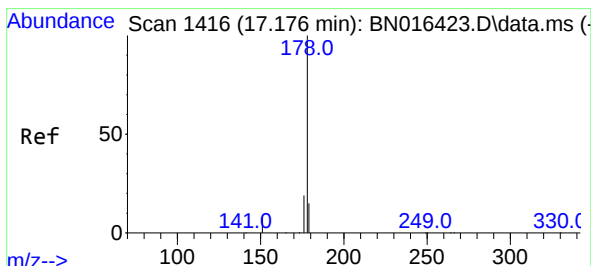
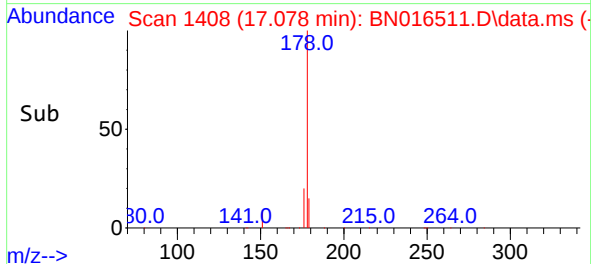
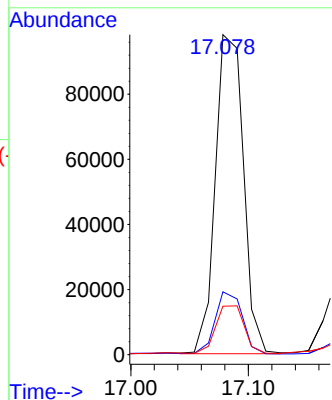
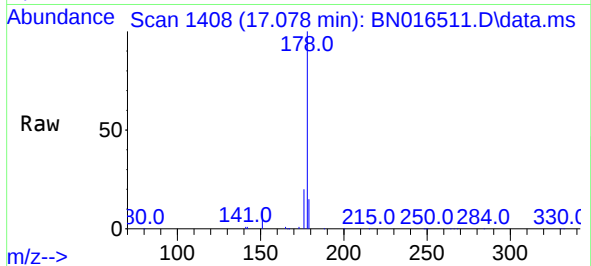
#25
Phenanthrene
Concen: 0.74 ng m
RT: 17.078 min Scan# 1408
Delta R.T. -0.012 min
Lab File: BN016511.D
Acq: 26 Sep 2021 15:13

Tgt Ion:178 Resp: 162758
Ion Ratio Lower Upper
178 100
176 18.9 14.4 21.6
179 16.2 12.2 18.4

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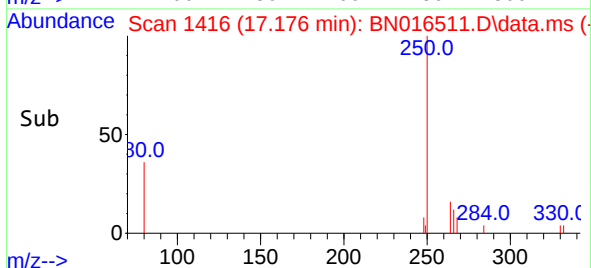
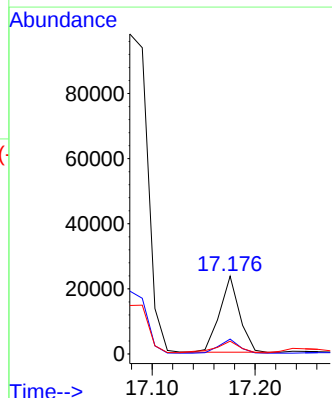
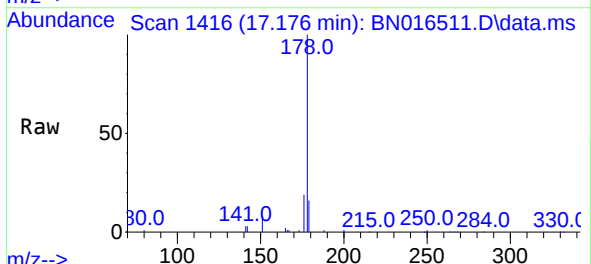
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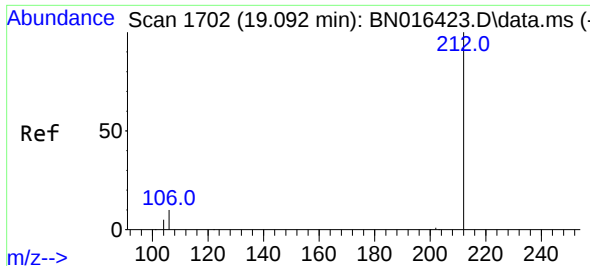
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#26
Anthracene
Concen: 0.17 ng
RT: 17.176 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BN016511.D
Acq: 26 Sep 2021 15:13

Tgt Ion:178 Resp: 31244
Ion Ratio Lower Upper
178 100
176 18.8 13.9 20.9
179 18.1 12.2 18.4





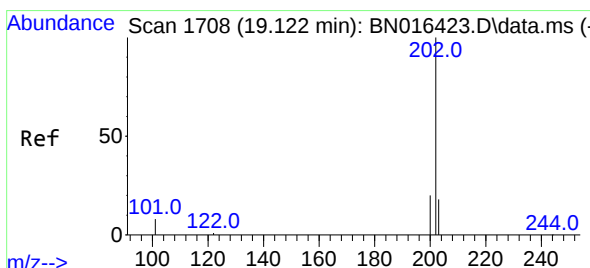
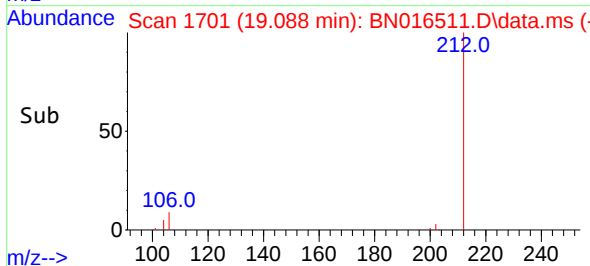
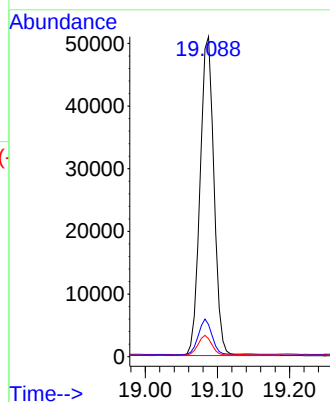
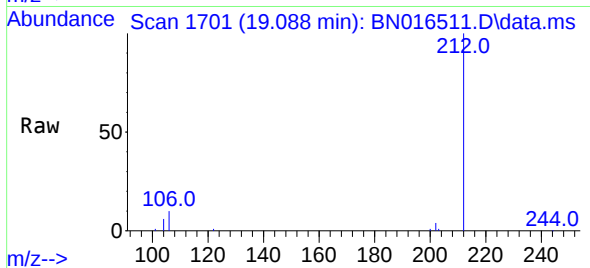
#27
Fluoranthene-d10
Concen: 0.33 ng
RT: 19.088 min Scan# 1701
Delta R.T. -0.005 min
Lab File: BN016511.D
Acq: 26 Sep 2021 15:13

Tgt Ion	Ratio	Lower	Upper
212	100		
106	10.9	9.8	14.6
104	6.1	5.4	8.2

Instrument :
BNA_N
ClientSampleId :
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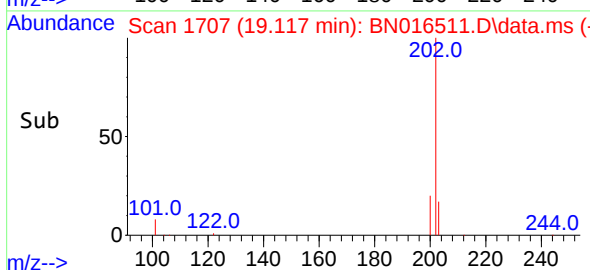
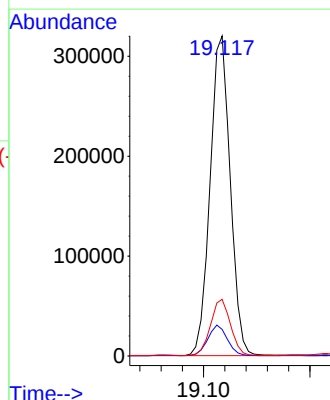
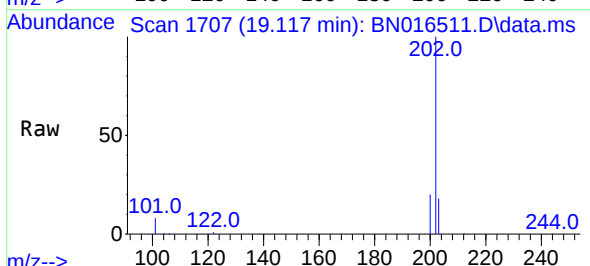
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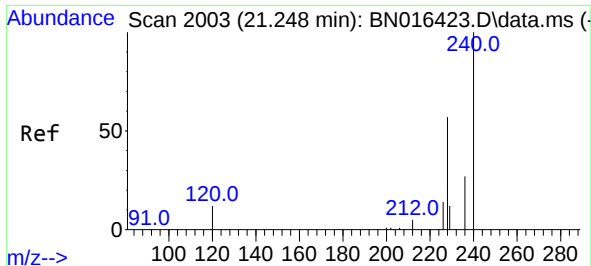
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#28
Fluoranthene
Concen: 1.74 ng
RT: 19.117 min Scan# 1707
Delta R.T. -0.005 min
Lab File: BN016511.D
Acq: 26 Sep 2021 15:13

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.3	8.5	12.7
203	17.4	13.8	20.8





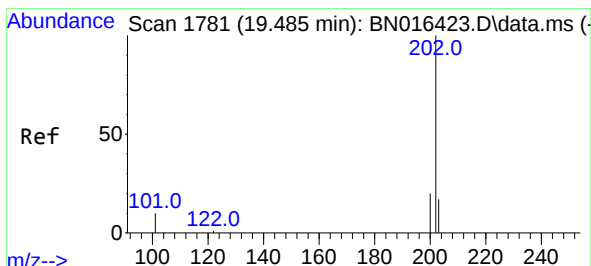
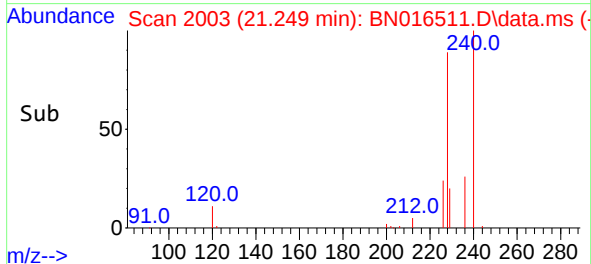
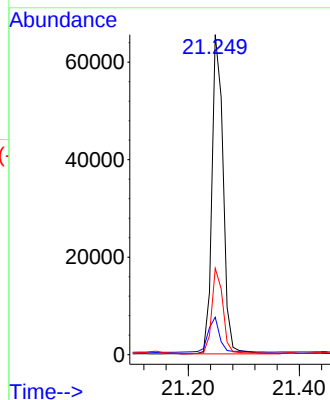
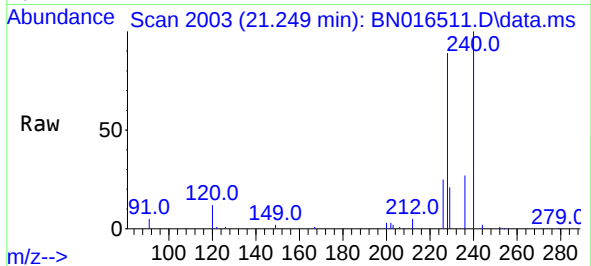
#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.249 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BN016511.D
Acq: 26 Sep 2021 15:13

Tgt Ion:240 Resp: 92042
Ion Ratio Lower Upper
240 100
120 11.7 5.3 7.9#
236 27.0 19.8 29.8

Instrument :
BNA_N
ClientSampleId :
S-829-J-SO-2-2.5-092221

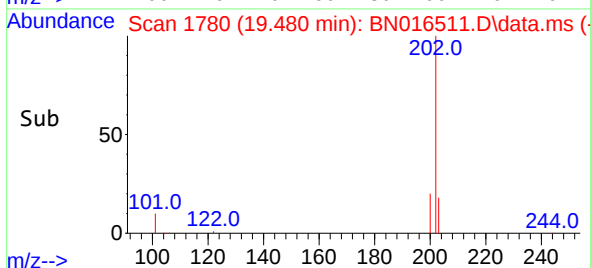
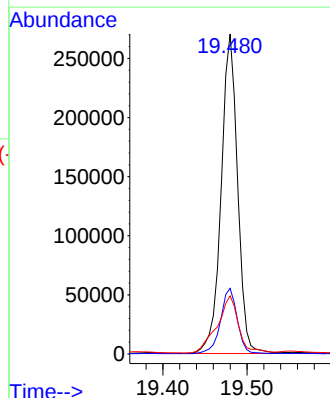
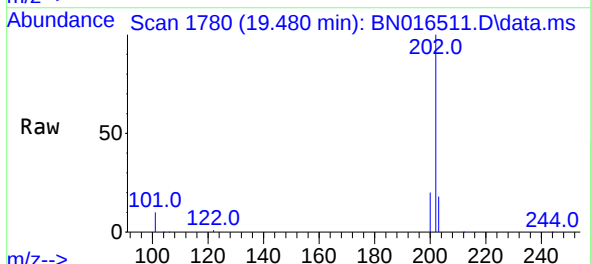
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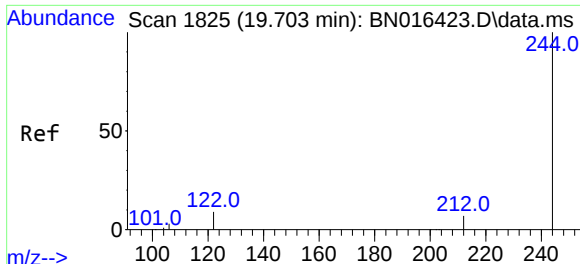
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#30
Pyrene
Concen: 1.27 ng
RT: 19.480 min Scan# 1780
Delta R.T. -0.005 min
Lab File: BN016511.D
Acq: 26 Sep 2021 15:13

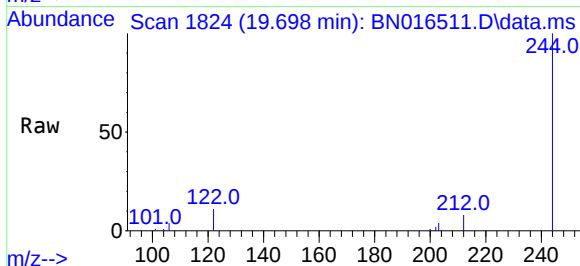
Tgt Ion:202 Resp: 365527
Ion Ratio Lower Upper
202 100
200 20.7 15.8 23.6
203 23.2 13.9 20.9#





#31
Terphenyl-d14
Concen: 0.24 ng
RT: 19.698 min Scan# 1824
Delta R.T. -0.005 min
Lab File: BN016511.D
Acq: 26 Sep 2021 15:13

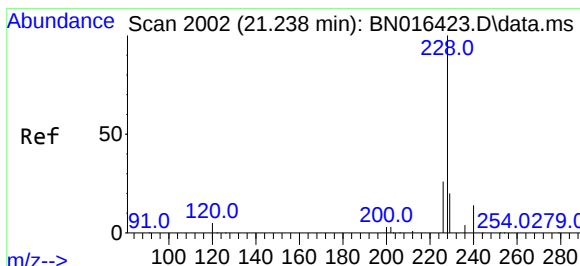
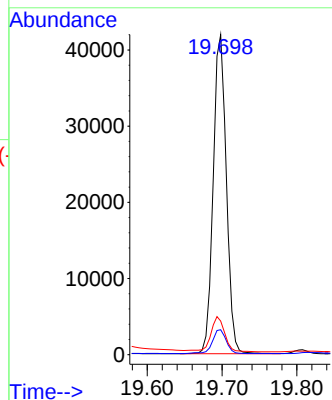
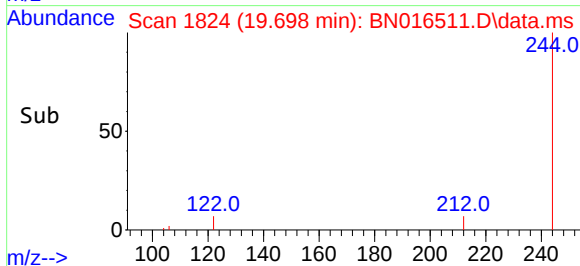
Instrument :
BNA_N
ClientSampleId :
S-829-J-SO-2-2.5-092221



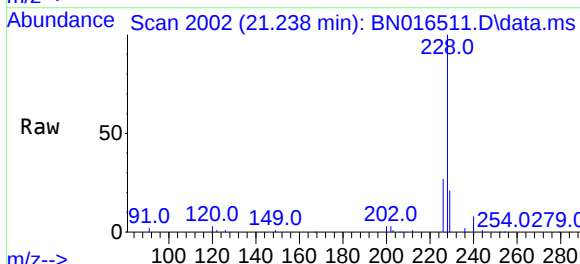
Tgt Ion:244 Resp: 50989
Ion Ratio Lower Upper
244 100
212 7.8 5.5 8.3
122 10.5 9.0 13.4

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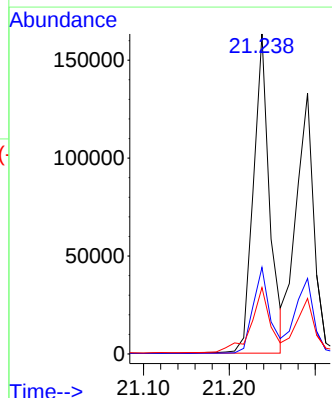
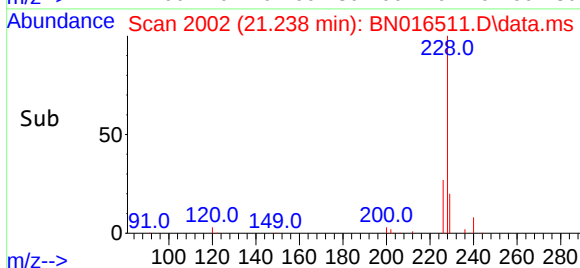
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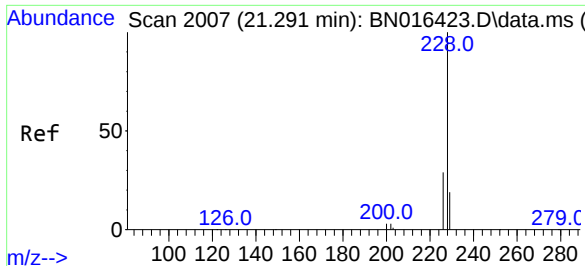


#32
Benzo(a)anthracene
Concen: 0.80 ng
RT: 21.238 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BN016511.D
Acq: 26 Sep 2021 15:13



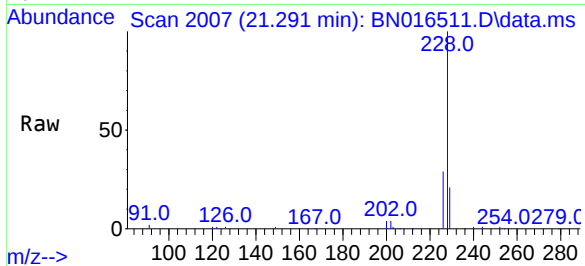
Tgt Ion:228 Resp: 214370
Ion Ratio Lower Upper
228 100
226 27.0 20.8 31.2
229 20.8 15.8 23.6





#33
Chrysene
Concen: 0.67 ng
RT: 21.291 min Scan# 2007
Delta R.T. 0.000 min
Lab File: BN016511.D
Acq: 26 Sep 2021 15:13

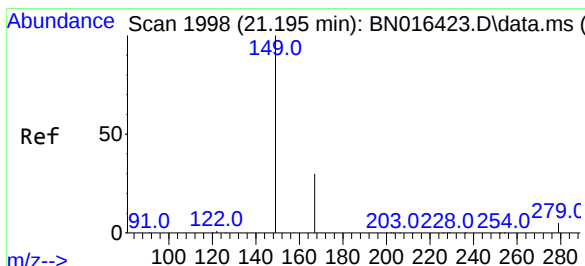
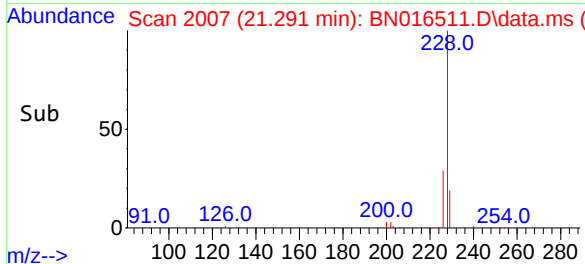
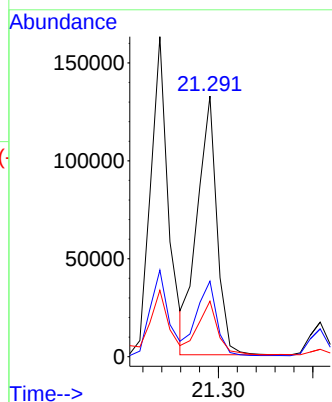
Instrument :
BNA_N
ClientSampleId :
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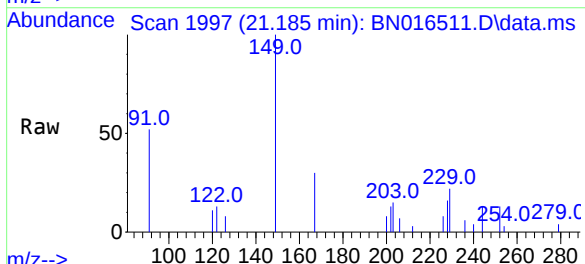
Tgt Ion:228 Resp: 191432
Ion Ratio Lower Upper
228 100
226 29.0 23.0 34.4
229 21.3 15.6 23.4

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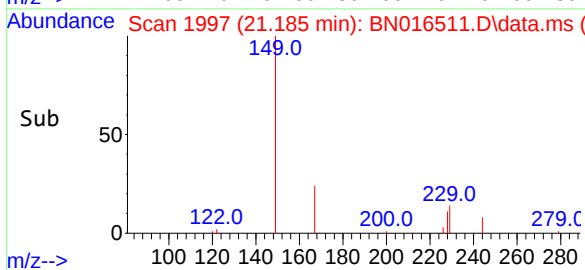
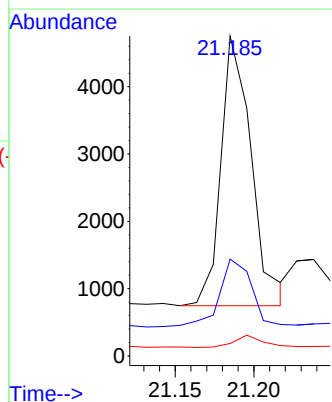
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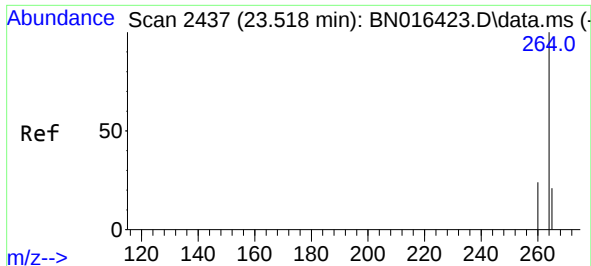


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.07 ng
RT: 21.185 min Scan# 1997
Delta R.T. -0.011 min
Lab File: BN016511.D
Acq: 26 Sep 2021 15:13

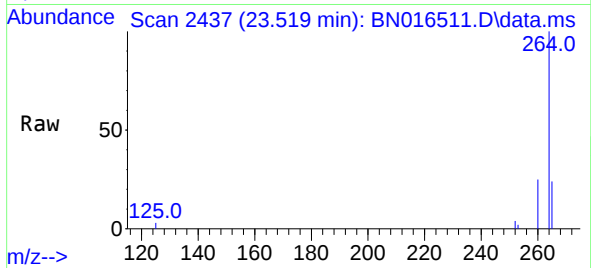


Tgt Ion:149 Resp: 5388
Ion Ratio Lower Upper
149 100
167 27.2 23.4 35.0
279 4.5 3.9 5.9

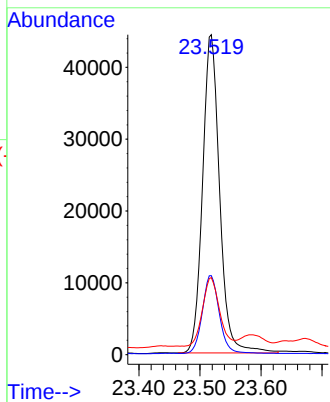
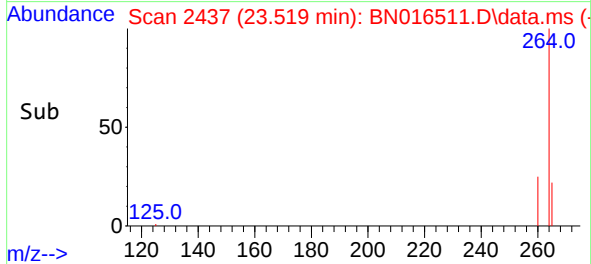




#35
Perylene-d12
Concen: 0.40 ng
RT: 23.519 min Scan# 2437
Delta R.T. 0.000 min
Lab File: BN016511.D
Acq: 26 Sep 2021 15:13



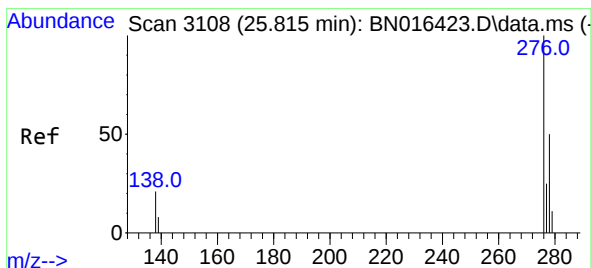
Tgt Ion:264 Resp: 86356
Ion Ratio Lower Upper
264 100
260 24.7 18.9 28.3
265 24.1 23.7 35.5



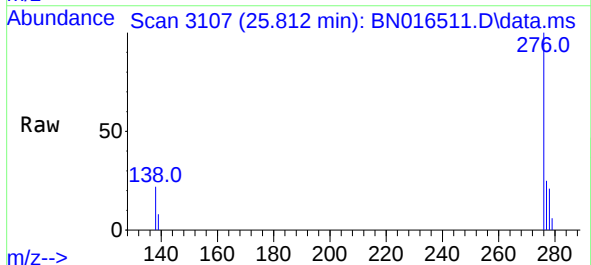
Instrument :
BNA_N
ClientSampleId :
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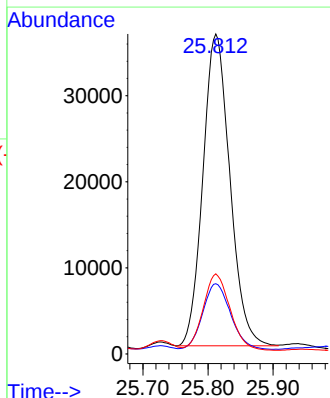
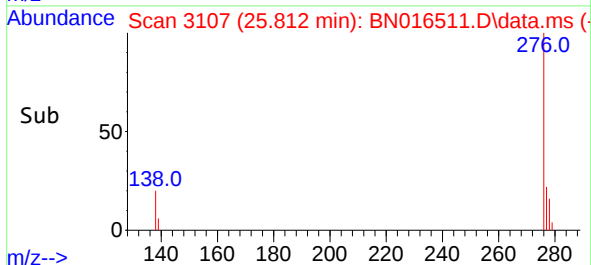
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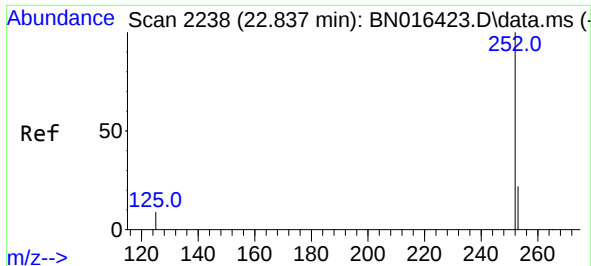


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.37 ng
RT: 25.812 min Scan# 3107
Delta R.T. -0.003 min
Lab File: BN016511.D
Acq: 26 Sep 2021 15:13



Tgt Ion:276 Resp: 104359
Ion Ratio Lower Upper
276 100
138 21.7 19.3 28.9
277 24.5 20.2 30.2





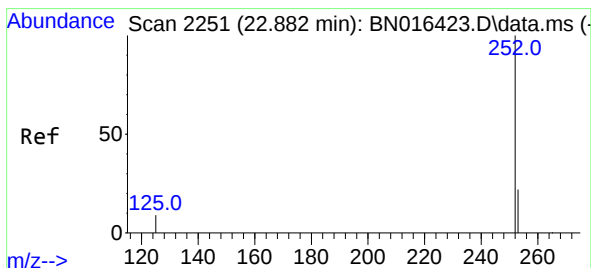
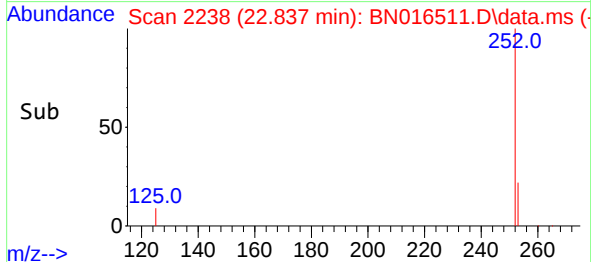
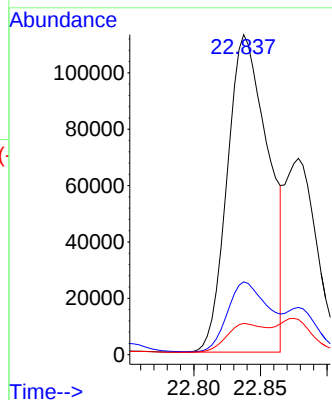
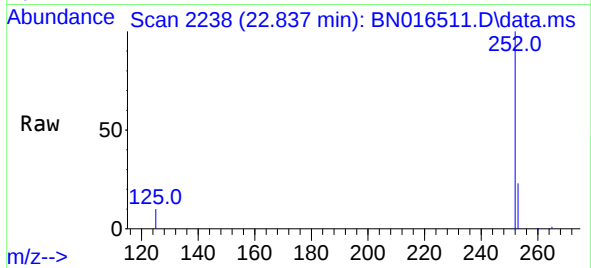
#37
Benzo(b)fluoranthene
Concen: 0.84 ng
RT: 22.837 min Scan# 2238
Delta R.T. 0.000 min
Lab File: BN016511.D
Acq: 26 Sep 2021 15:13

Tgt Ion:252 Resp: 241131
Ion Ratio Lower Upper
252 100
253 22.8 18.2 27.2
125 9.8 8.4 12.6

Instrument :
BNA_N
ClientSampleId :
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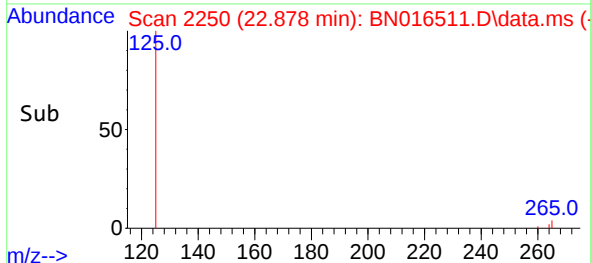
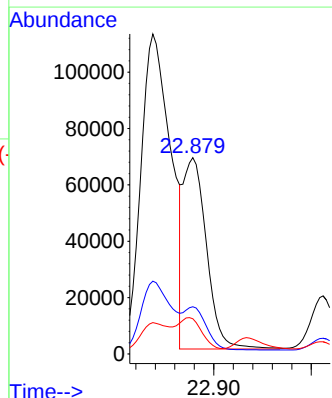
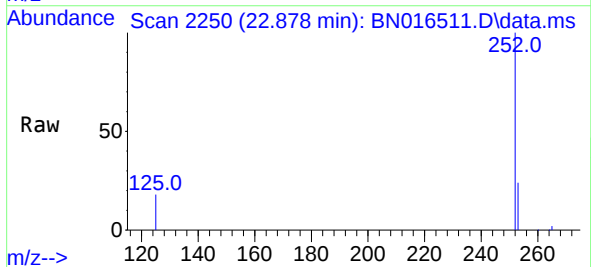
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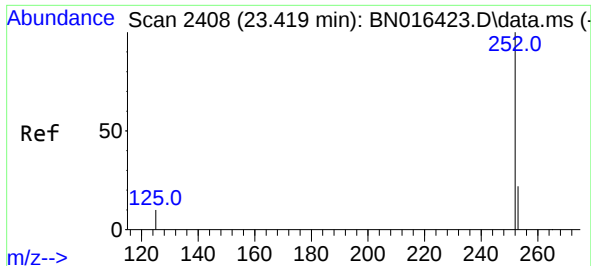
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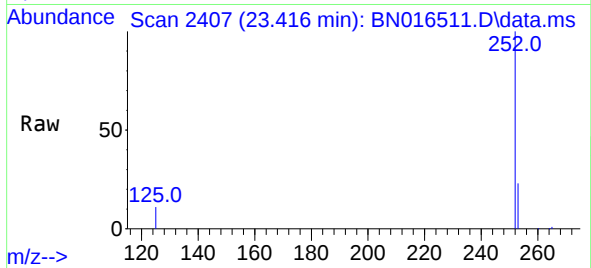
#38
Benzo(k)fluoranthene
Concen: 0.41 ng m
RT: 22.878 min Scan# 2250
Delta R.T. -0.003 min
Lab File: BN016511.D
Acq: 26 Sep 2021 15:13

Tgt Ion:252 Resp: 113230
Ion Ratio Lower Upper
252 100
253 24.1 18.2 27.2
125 17.9 8.2 12.4#

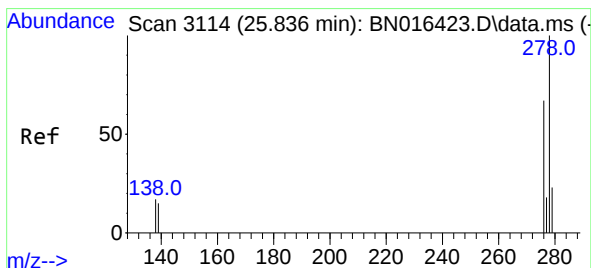
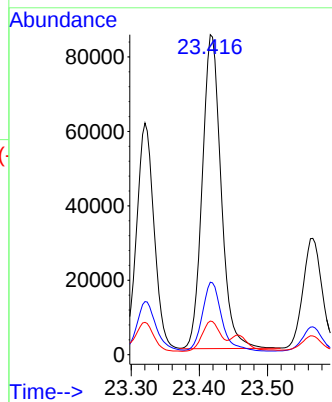
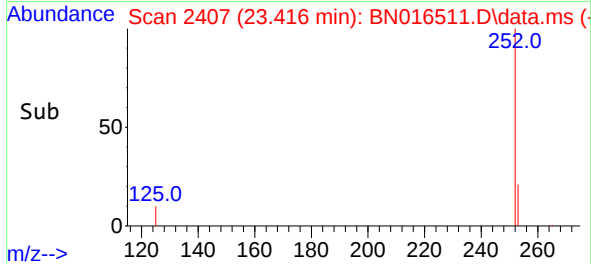




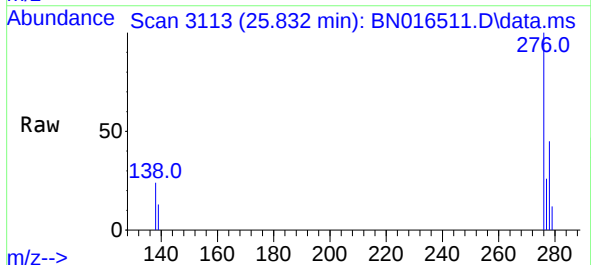
#39
Benzo(a)pyrene
Concen: 0.69 ng
RT: 23.416 min Scan# 2407
Delta R.T. -0.003 min
Lab File: BN016511.D
Acq: 26 Sep 2021 15:13



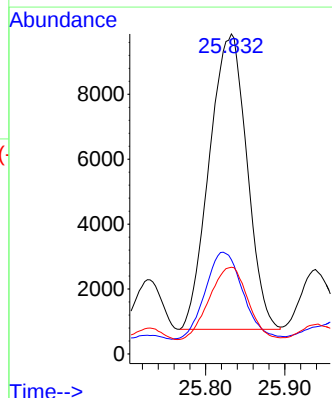
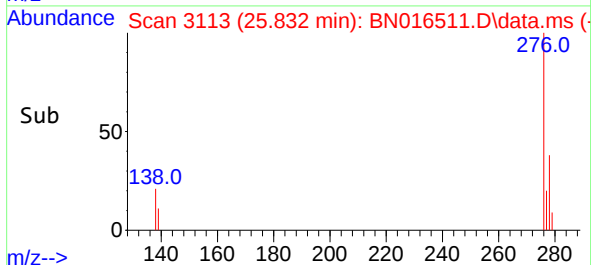
Tgt Ion:252 Resp: 161522
Ion Ratio Lower Upper
252 100
253 22.7 18.7 28.1
125 10.5 9.9 14.9



#40
Dibenzo(a,h)anthracene
Concen: 0.13 ng
RT: 25.832 min Scan# 3113
Delta R.T. -0.003 min
Lab File: BN016511.D
Acq: 26 Sep 2021 15:13



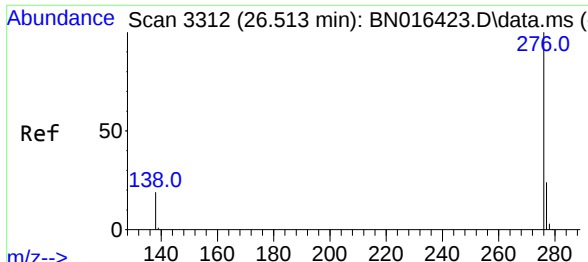
Tgt Ion:278 Resp: 29927
Ion Ratio Lower Upper
278 100
139 29.4 14.2 21.2#
279 27.1 21.3 31.9



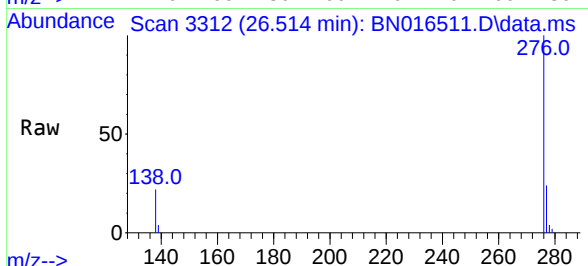
Instrument :
BNA_N
ClientSampleId :
S-829-J-SO-2-2.5-092221

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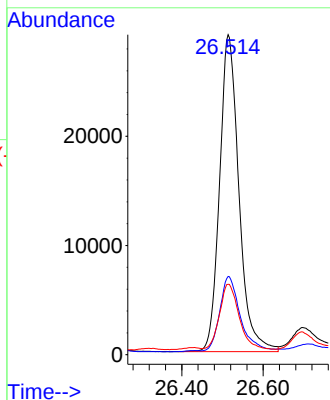
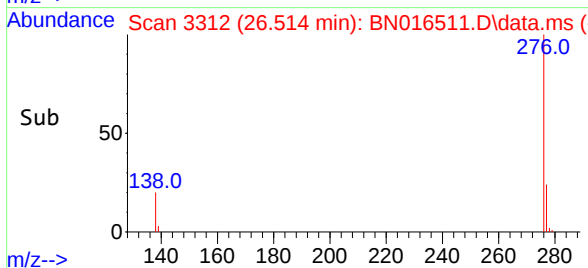
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#41
Benzo(g,h,i)perylene
Concen: 0.39 ng
RT: 26.514 min Scan# 3312
Delta R.T. 0.000 min
Lab File: BN016511.D
Acq: 26 Sep 2021 15:13



Tgt Ion: 276 Resp: 95911
Ion Ratio Lower Upper
276 100
277 24.4 20.5 30.7
138 22.0 18.2 27.4



Instrument :
BNA_N
ClientSampleId :
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