

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092521\
 Data File : BN016493.D
 Acq On : 26 Sep 2021 03:15
 Operator : CG/JU
 Sample : M3920-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 S-812-G-SO-2.5-3-092321

Manual Integrations
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Quant Time: Sep 26 04:47:49 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	19012	0.40	ng	0.00
7) Naphthalene-d8	10.432	136	80948	0.40	ng	#-0.01
13) Acenaphthene-d10	14.294	164	39911	0.40	ng	0.00
19) Phenanthrene-d10	17.042	188	82578	0.40	ng	0.00
29) Chrysene-d12	21.249	240	88164	0.40	ng	0.00
35) Perylene-d12	23.512	264	79401	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.310	112	17006	0.40	ng	0.03
5) Phenol-d6	6.849	99	19195	0.38	ng	0.00
8) Nitrobenzene-d5	8.810	82	21033	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.029	152	47864	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	3192	0.34	ng	0.00
15) 2-Fluorobiphenyl	12.911	172	61346	0.37	ng	-0.01
27) Fluoranthene-d10	19.088	212	101026	0.45	ng	0.00
31) Terphenyl-d14	19.698	244	74043	0.36	ng	0.00
Target Compounds						
25) Phenanthrene	17.091	178	6109m	0.02	ng	Qvalue
28) Fluoranthene	19.118	202	15942	0.06	ng	98
30) Pyrene	19.480	202	14199	0.05	ng	# 95
32) Benzo(a)anthracene	21.238	228	8966	0.04	ng	92
33) Chrysene	21.281	228	9163	0.03	ng	95
34) Bis(2-ethylhexyl)phtha...	21.185	149	9399	0.13	ng	96
37) Benzo(b)fluoranthene	22.834	252	12080	0.05	ng	# 87
38) Benzo(k)fluoranthene	22.875	252	5417m	0.02	ng	
41) Benzo(g,h,i)perylene	26.510	276	5067	0.02	ng	96

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

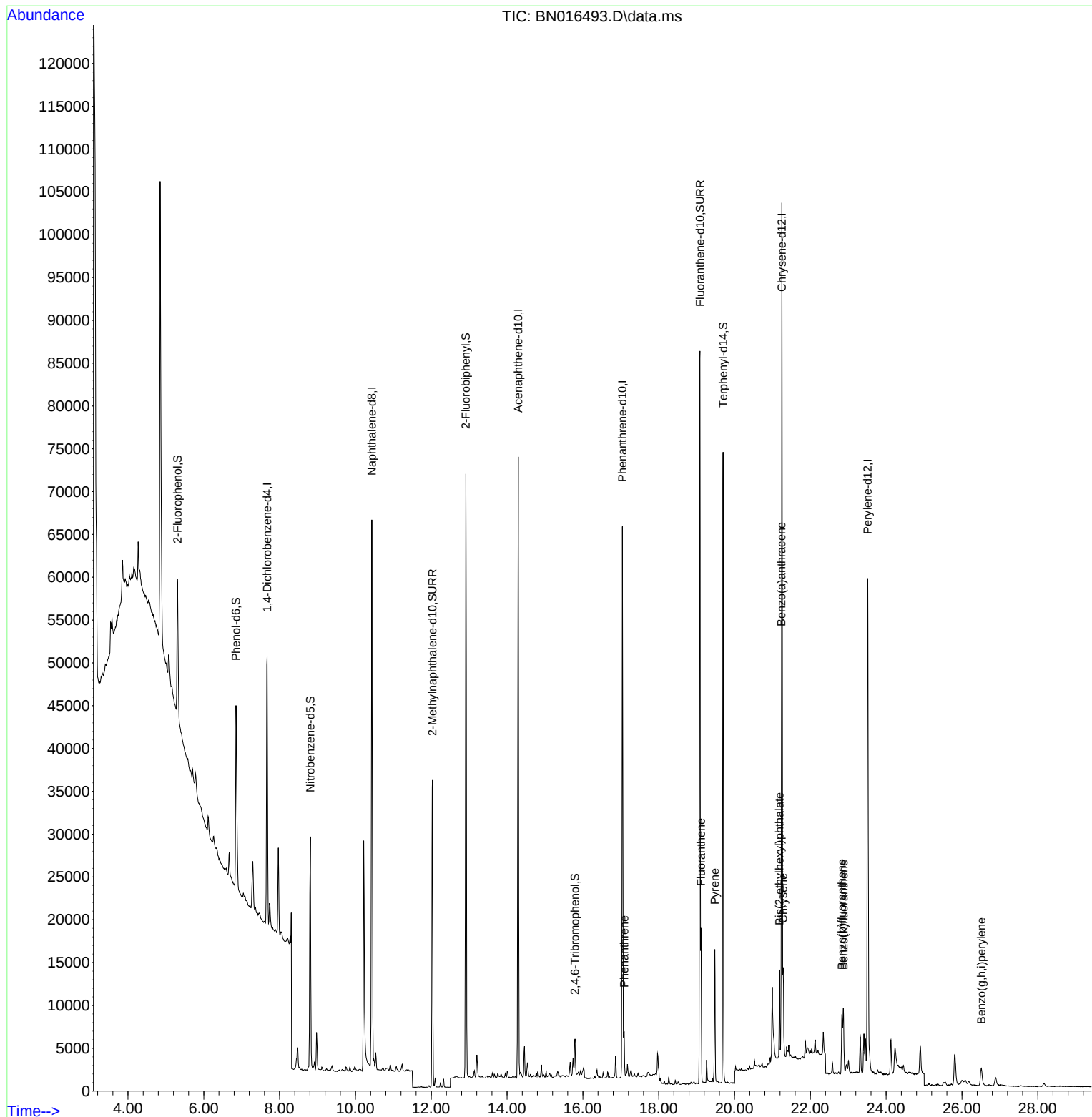
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Data File : BN016493.D
Acq On : 26 Sep 2021 03:15
Operator : CG/JU
Sample : M3920-06
Misc :
ALS Vial : 26 Sample Multiplier: 1

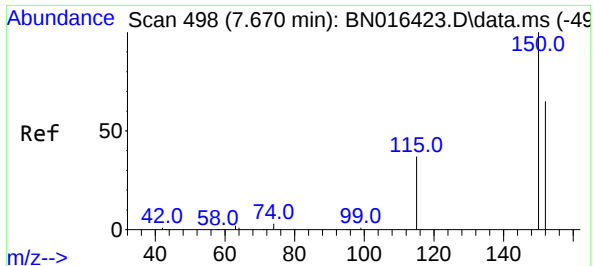
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S-812-G-SO-2.5-3-092321

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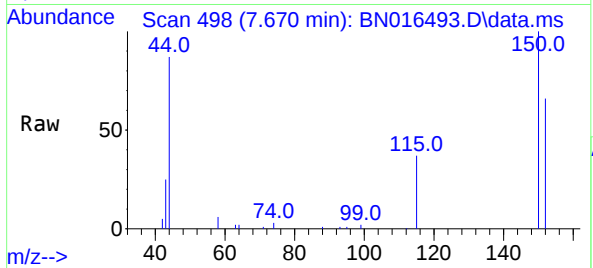
Quant Time: Sep 26 04:47:49 2021
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 24 03:35:41 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.670 min Scan# 498
Delta R.T. 0.000 min
Lab File: BN016493.D
Acq: 26 Sep 2021 03:15

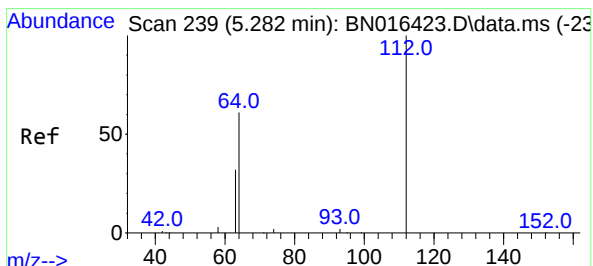
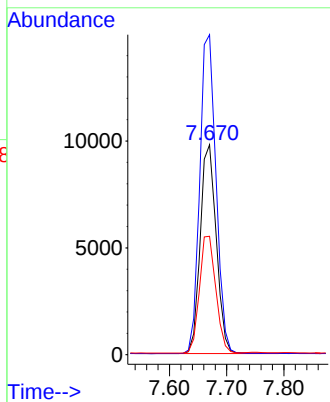
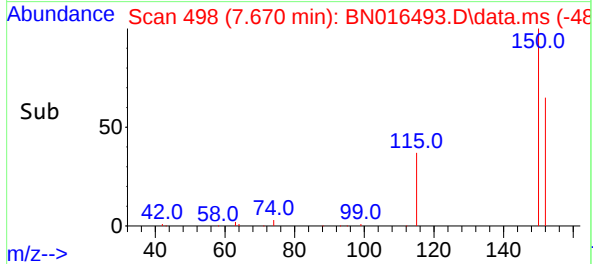
Instrument :
BNA_N
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S-812-G-SO-2.5-3-092321



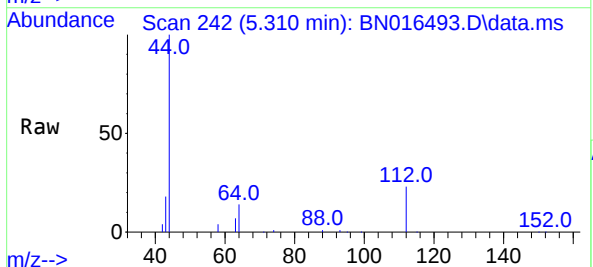
Tgt Ion:152 Resp: 19012
Ion Ratio Lower Upper
152 100
150 152.4 125.6 188.4
115 56.4 50.2 75.2

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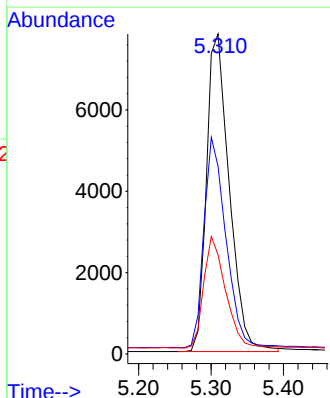
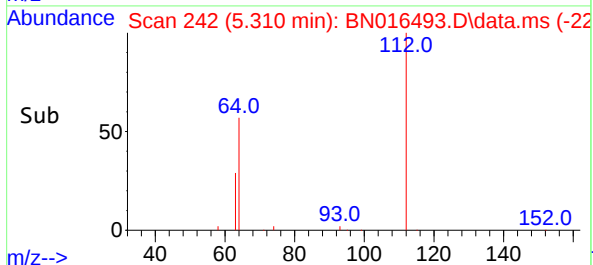
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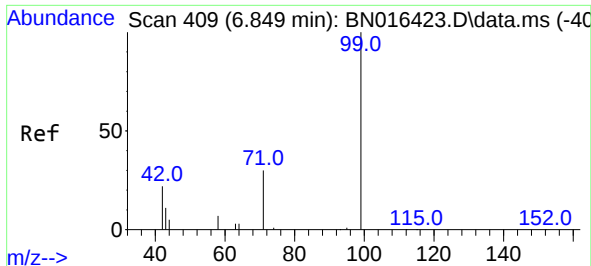


#4
2-Fluorophenol
Concen: 0.40 ng
RT: 5.310 min Scan# 242
Delta R.T. 0.028 min
Lab File: BN016493.D
Acq: 26 Sep 2021 03:15

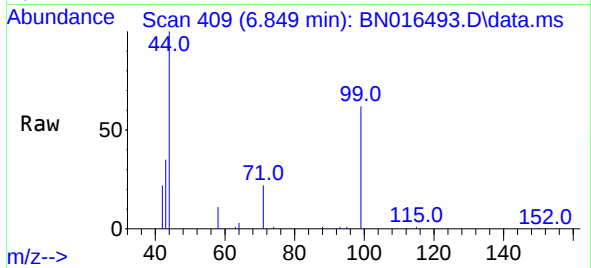


Tgt Ion:112 Resp: 17006
Ion Ratio Lower Upper
112 100
64 63.6 47.3 70.9
63 33.7 23.4 35.0

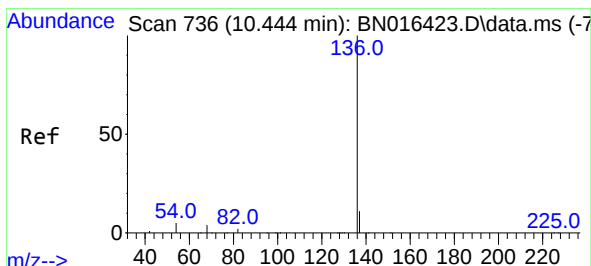
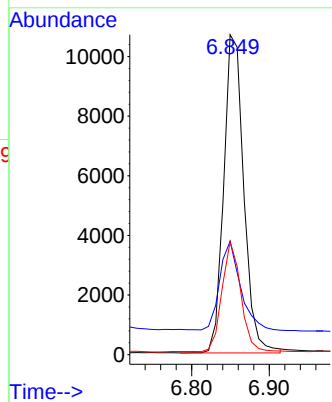
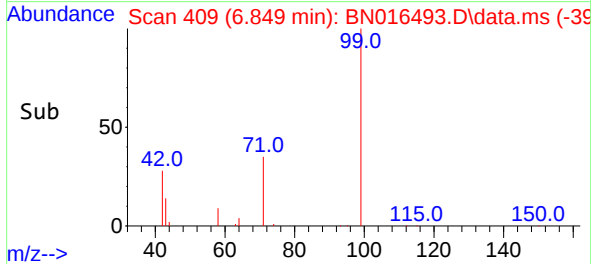




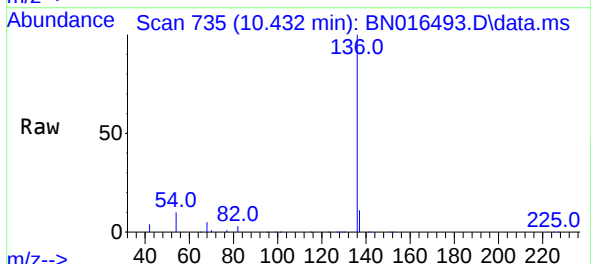
#5
Phenol-d6
Concen: 0.38 ng
RT: 6.849 min Scan# 409
Delta R.T. 0.000 min
Lab File: BN016493.D
Acq: 26 Sep 2021 03:15



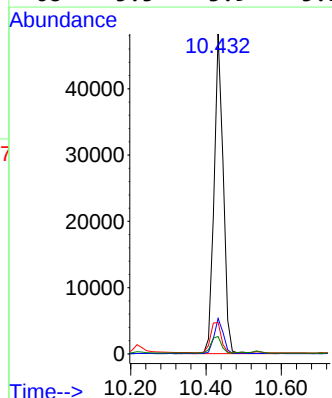
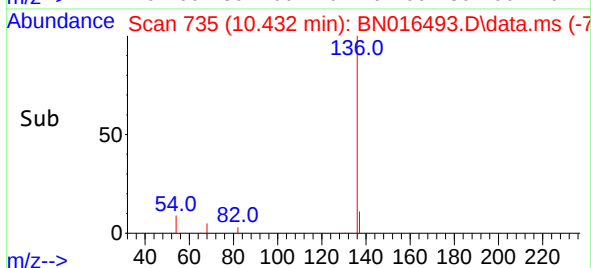
Tgt Ion: 99 Resp: 19195
Ion Ratio Lower Upper
99 100
42 28.9 14.0 21.0#
71 32.2 23.8 35.6



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.432 min Scan# 735
Delta R.T. -0.012 min
Lab File: BN016493.D
Acq: 26 Sep 2021 03:15



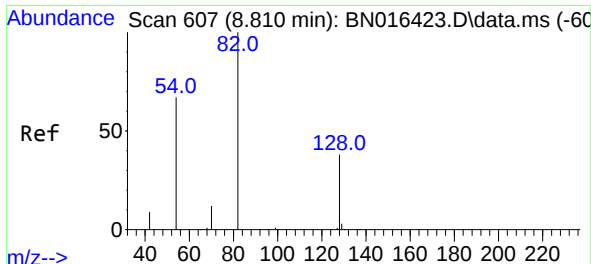
Tgt Ion: 136 Resp: 80948
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 9.8 5.3 7.9#
68 5.5 3.9 5.9



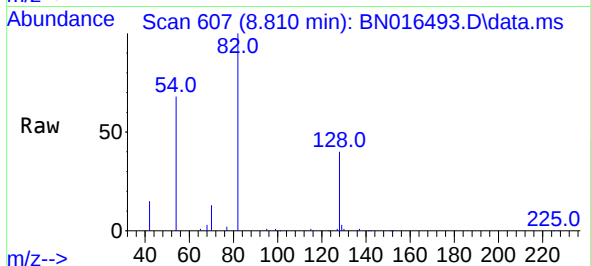
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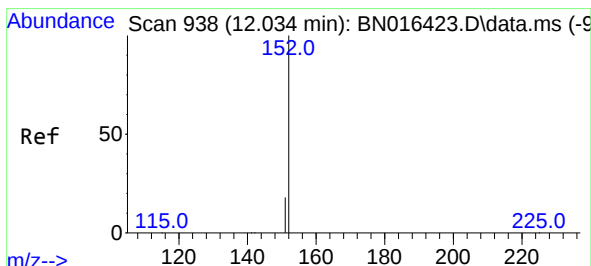
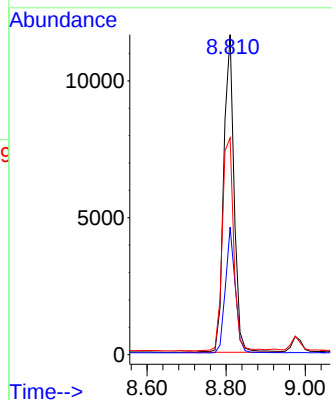
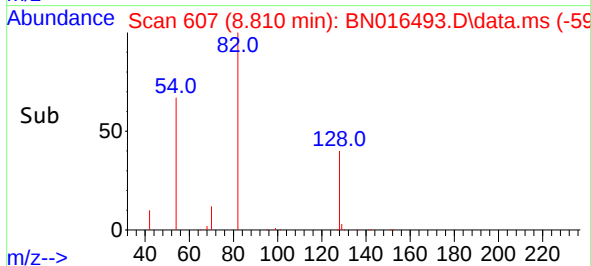
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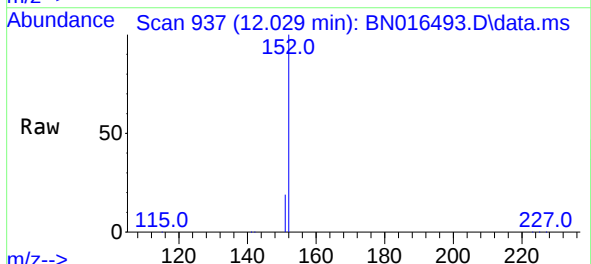
#8
Nitrobenzene-d5
Concen: 0.37 ng
RT: 8.810 min Scan# 607
Delta R.T. 0.000 min
Lab File: BN016493.D
Acq: 26 Sep 2021 03:15



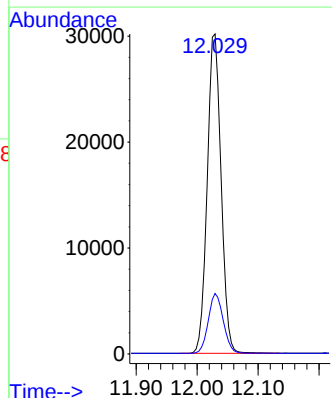
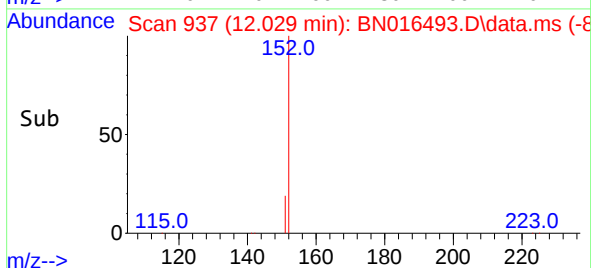
Tgt Ion: 82 Resp: 21033
Ion Ratio Lower Upper
82 100
128 39.8 31.7 47.5
54 67.8 46.4 69.6



#11
2-Methylnaphthalene-d10
Concen: 0.40 ng
RT: 12.029 min Scan# 937
Delta R.T. -0.004 min
Lab File: BN016493.D
Acq: 26 Sep 2021 03:15



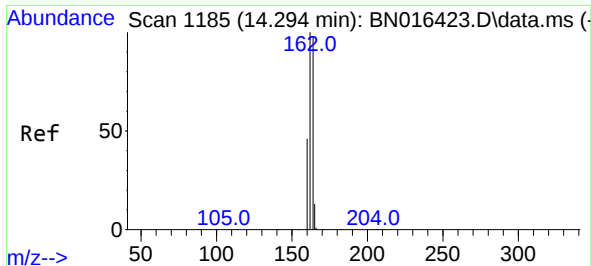
Tgt Ion: 152 Resp: 47864
Ion Ratio Lower Upper
152 100
151 20.2 16.1 24.1



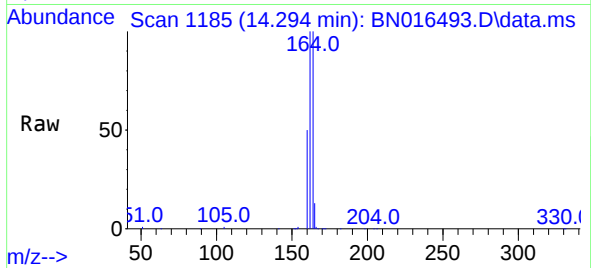
Instrument :
BNA_N
ClientSampleId :
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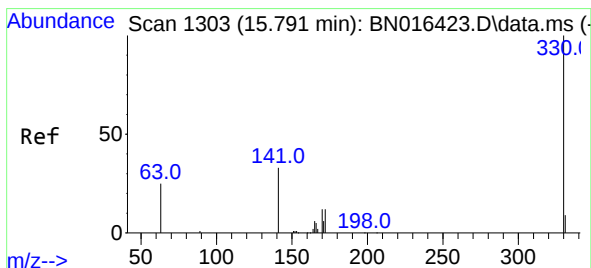
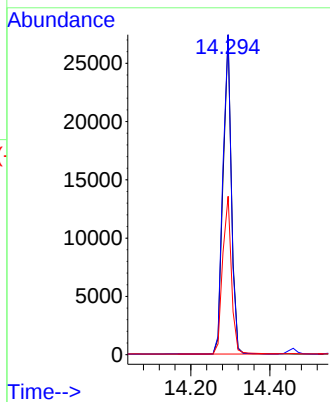
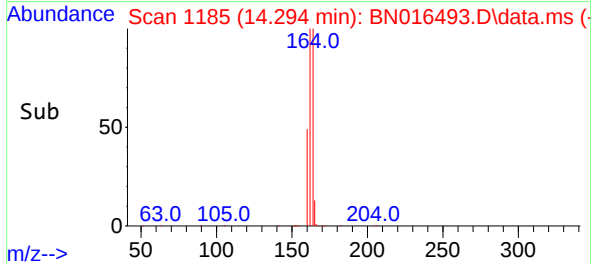
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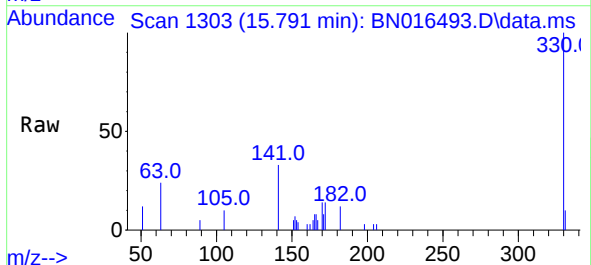
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.294 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BN016493.D
Acq: 26 Sep 2021 03:15



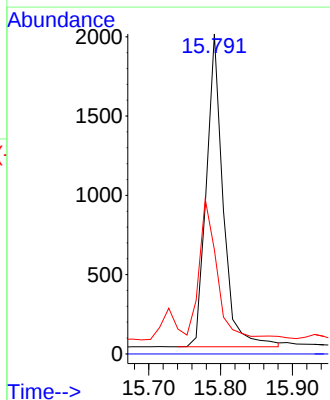
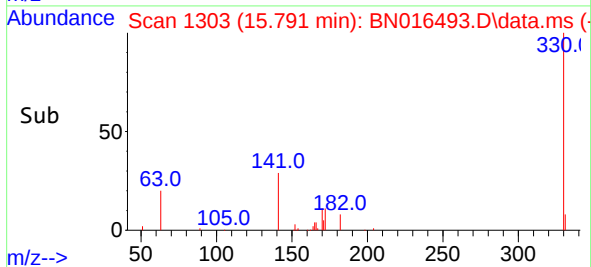
Tgt Ion:164 Resp: 39911
Ion Ratio Lower Upper
164 100
162 100.0 79.0 118.4
160 49.5 34.1 51.1



#14
2,4,6-Tribromophenol
Concen: 0.34 ng
RT: 15.791 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BN016493.D
Acq: 26 Sep 2021 03:15



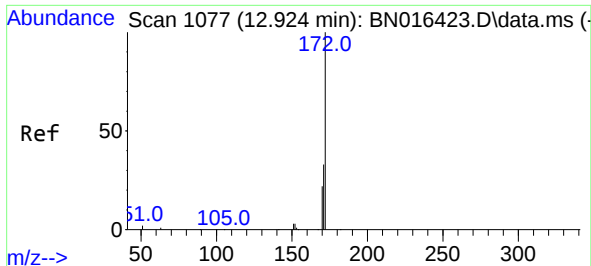
Tgt Ion:330 Resp: 3192
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 45.6 25.0 37.4#



Instrument :
BNA_N
ClientSampleId :
S-812-G-SO-2.5-3-092321

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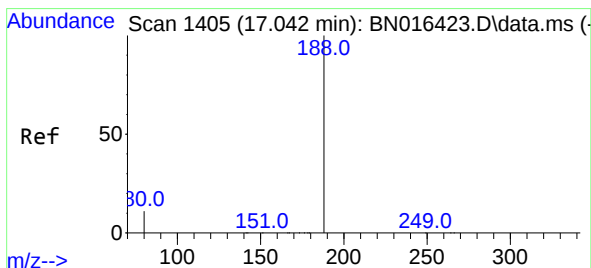
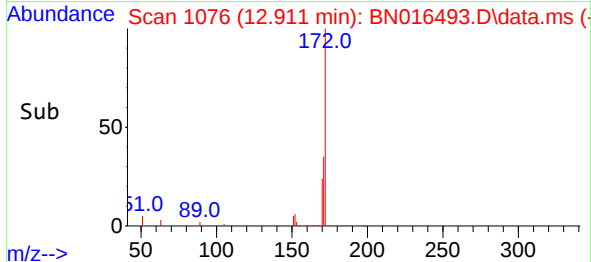
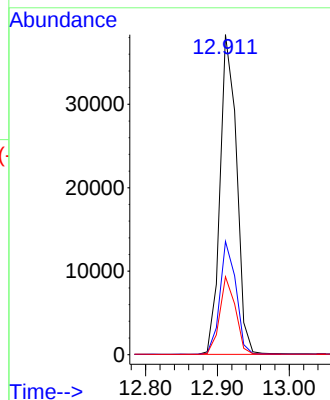
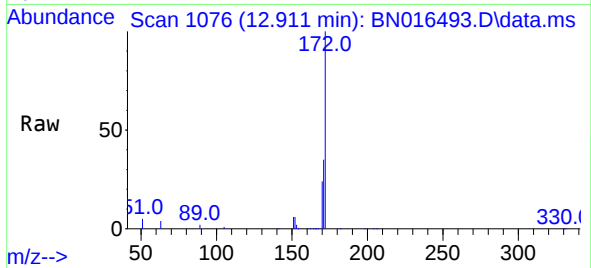
#15
2-Fluorobiphenyl
Concen: 0.37 ng
RT: 12.911 min Scan# 1076
Delta R.T. -0.012 min
Lab File: BN016493.D
Acq: 26 Sep 2021 03:15

Tgt Ion:172 Resp: 61346
Ion Ratio Lower Upper
172 100
171 35.4 27.8 41.6
170 24.3 18.2 27.2

Instrument :
BNA_N
ClientSampleId :
S-812-G-SO-2.5-3-092321

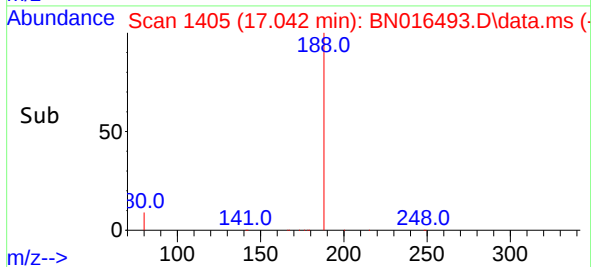
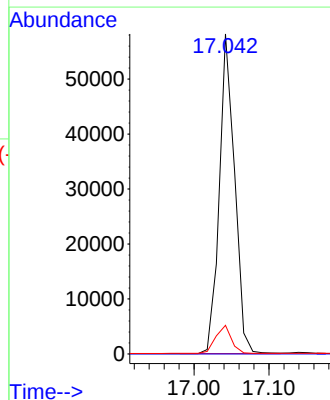
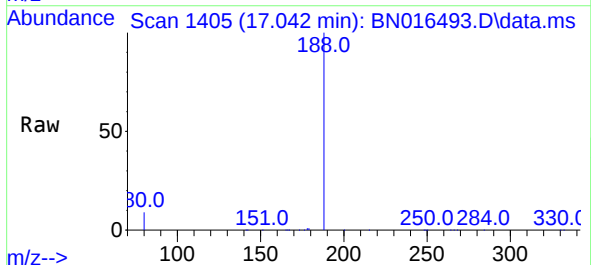
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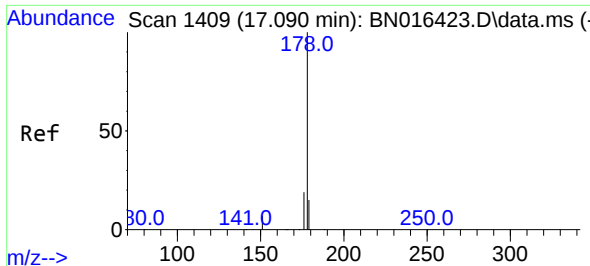
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#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.042 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BN016493.D
Acq: 26 Sep 2021 03:15

Tgt Ion:188 Resp: 82578
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.0 7.0 10.6





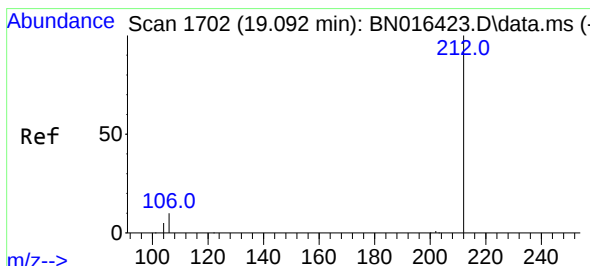
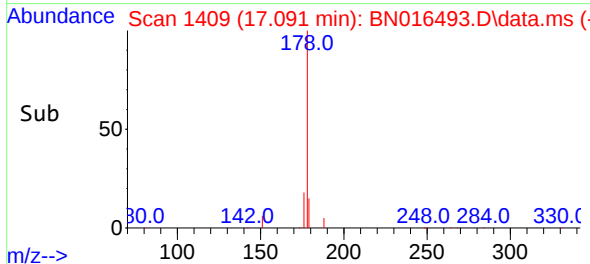
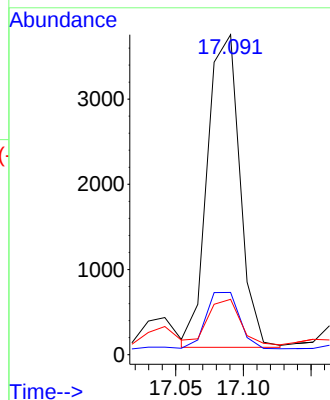
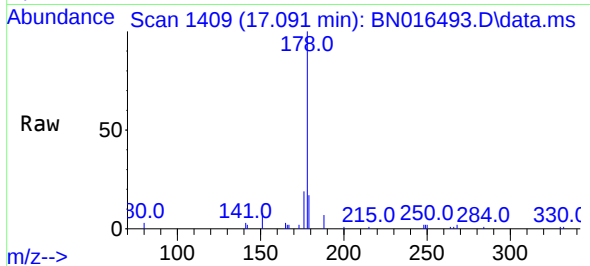
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Phenanthrene
Concen: 0.02 ng m
RT: 17.091 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BN016493.D
Acq: 26 Sep 2021 03:15

Tgt Ion:	178	Resp:	6109
Ion	Ratio	Lower	Upper
178	100		
176	20.4	14.4	21.6
179	16.1	12.2	18.4

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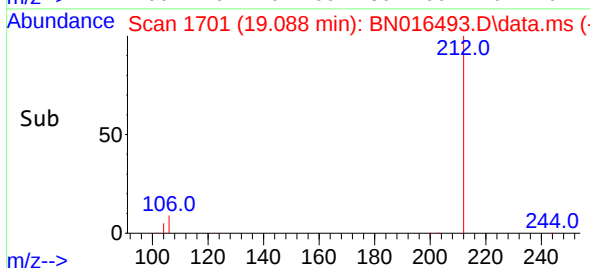
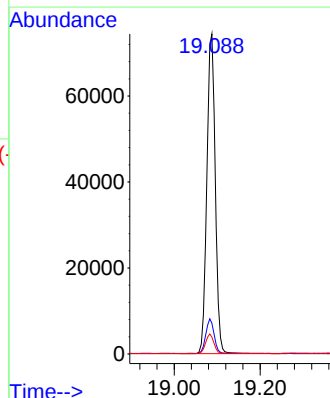
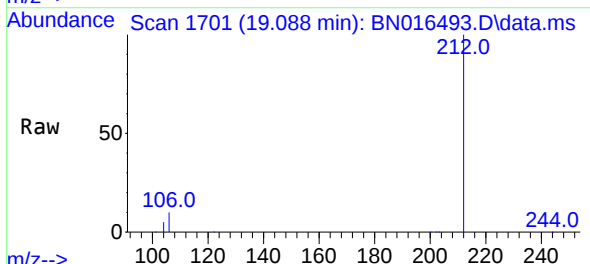
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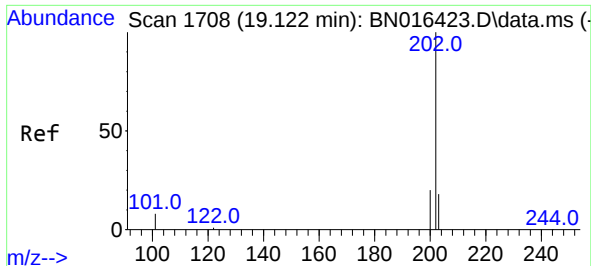
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#27
Fluoranthene-d10
Concen: 0.45 ng
RT: 19.088 min Scan# 1701
Delta R.T. -0.005 min
Lab File: BN016493.D
Acq: 26 Sep 2021 03:15

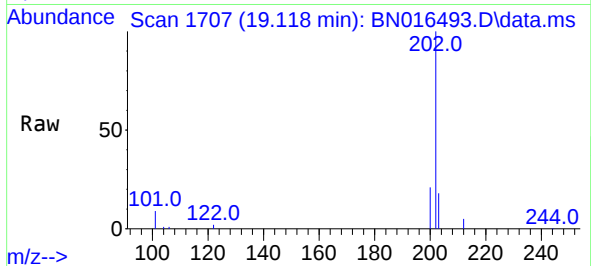
Tgt Ion:	212	Resp:	101026
Ion	Ratio	Lower	Upper
212	100		
106	10.6	9.8	14.6
104	5.9	5.4	8.2





#28
Fluoranthene
Concen: 0.06 ng
RT: 19.118 min Scan# 1707
Delta R.T. -0.005 min
Lab File: BN016493.D
Acq: 26 Sep 2021 03:15

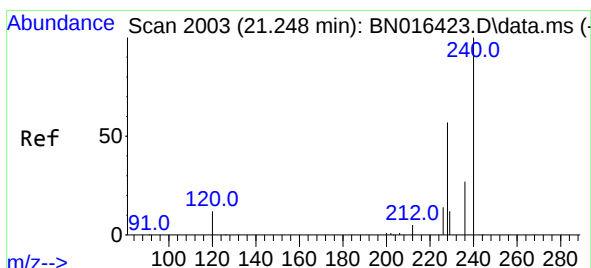
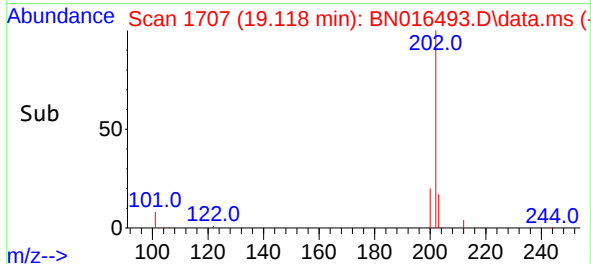
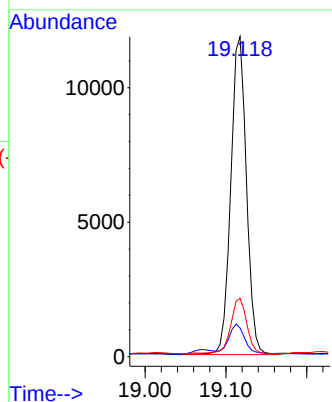
Instrument :
BNA_N
ClientSampleId :
S-812-G-SO-2.5-3-092321



Tgt Ion:202 Resp: 15942
Ion Ratio Lower Upper
202 100
101 9.4 8.5 12.7
203 18.0 13.8 20.8

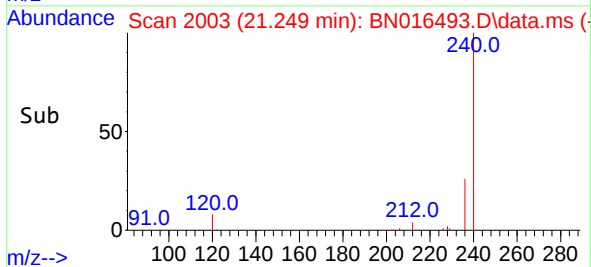
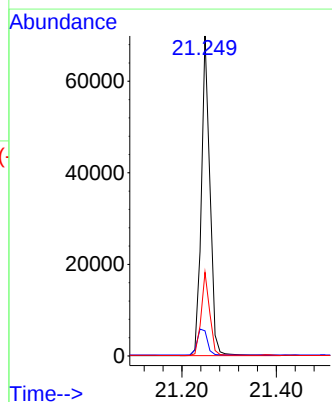
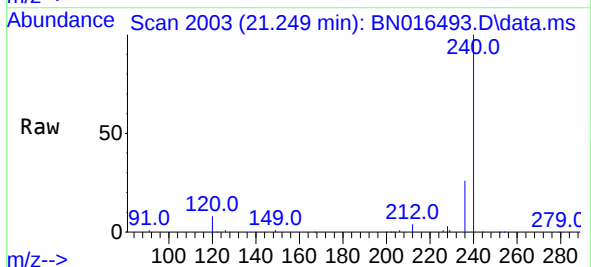
Manual Integrations
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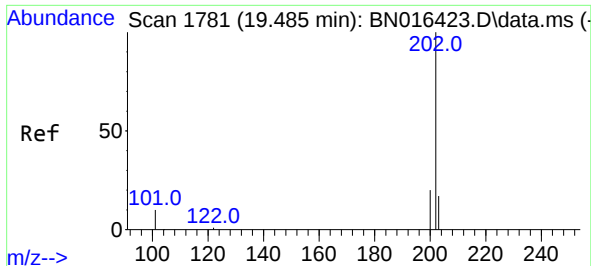
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#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.249 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BN016493.D
Acq: 26 Sep 2021 03:15

Tgt Ion:240 Resp: 88164
Ion Ratio Lower Upper
240 100
120 7.9 5.3 7.9
236 26.2 19.8 29.8





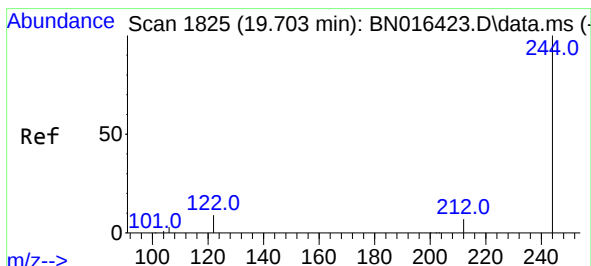
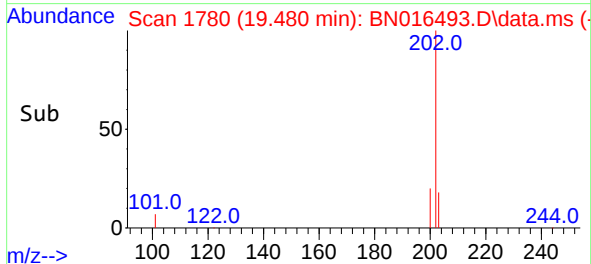
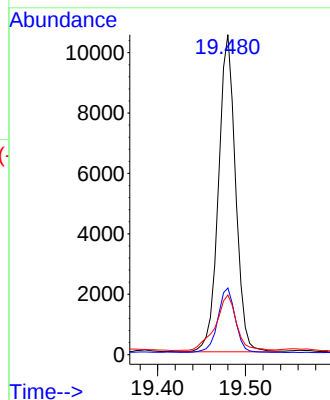
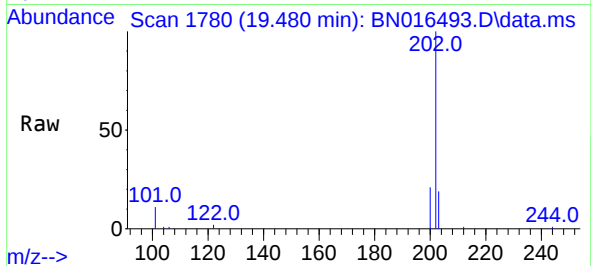
#30
 Pyrene
 Concen: 0.05 ng
 RT: 19.480 min Scan# 1780
 Delta R.T. -0.005 min
 Lab File: BN016493.D
 Acq: 26 Sep 2021 03:15

Tgt Ion:	202	Resp:	14199
Ion Ratio	Lower	Upper	
202	100		
200	20.6	15.8	23.6
203	21.4	13.9	20.9#

Instrument :
 BNA_N
 ClientSampleId :
 S-812-G-SO-2.5-3-092321

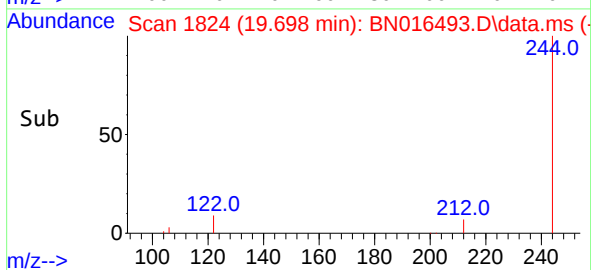
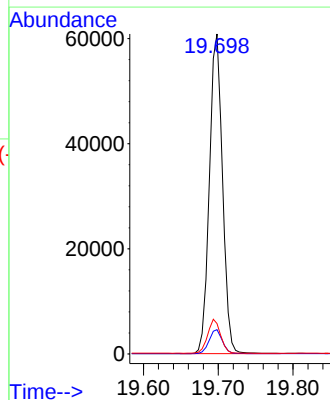
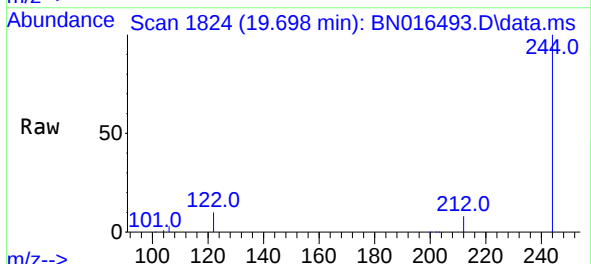
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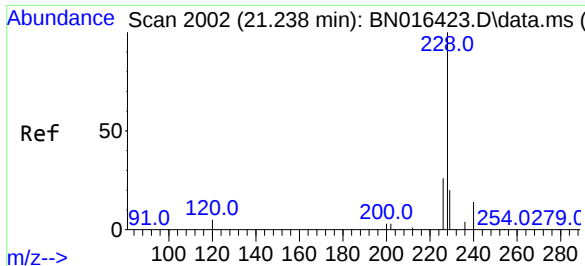
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#31
 Terphenyl-d14
 Concen: 0.36 ng
 RT: 19.698 min Scan# 1824
 Delta R.T. -0.005 min
 Lab File: BN016493.D
 Acq: 26 Sep 2021 03:15

Tgt Ion:	244	Resp:	74043
Ion Ratio	Lower	Upper	
244	100		
212	7.6	5.5	8.3
122	9.5	9.0	13.4





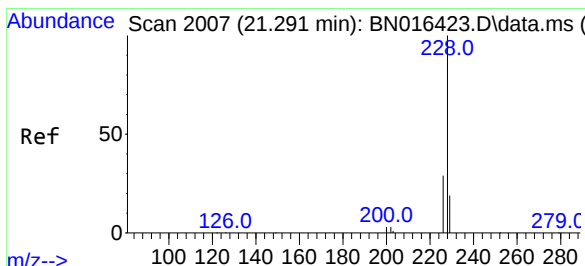
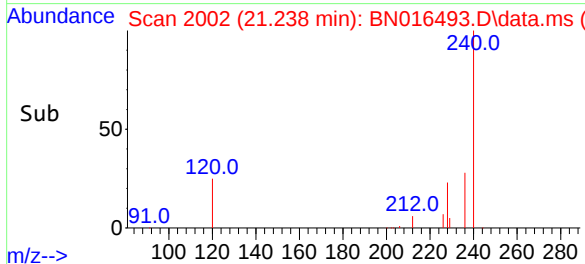
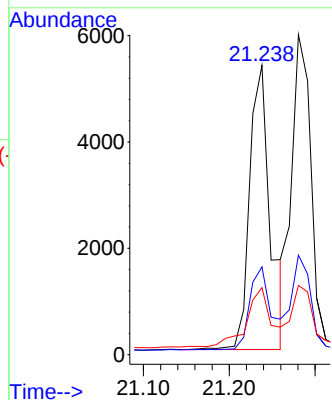
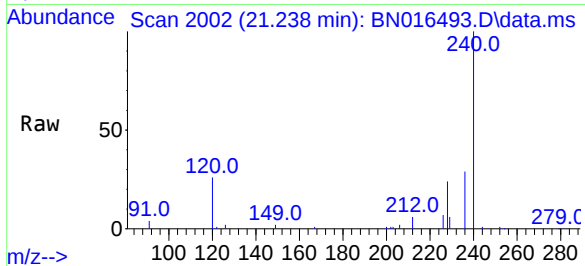
#32
Benzo(a)anthracene
Concen: 0.04 ng
RT: 21.238 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BN016493.D
Acq: 26 Sep 2021 03:15

Tgt Ion:228 Resp: 8966
Ion Ratio Lower Upper
228 100
226 30.4 20.8 31.2
229 23.2 15.8 23.6

Instrument :
BNA_N
ClientSampleId :
S-812-G-SO-2.5-3-092321

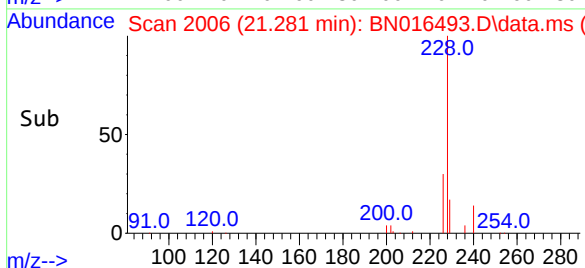
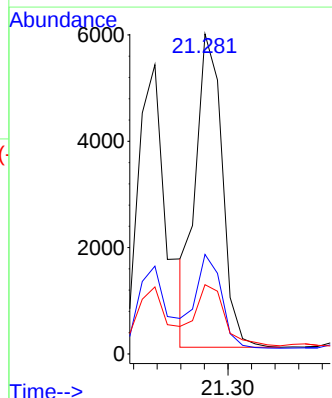
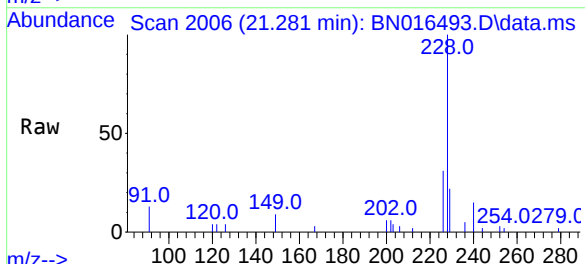
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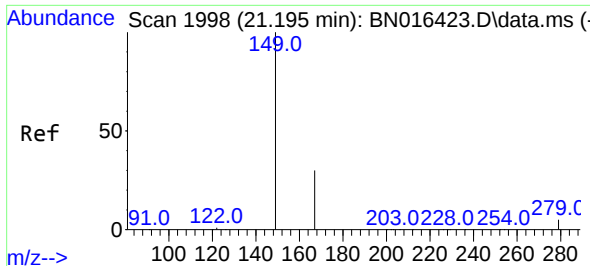
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#33
Chrysene
Concen: 0.03 ng
RT: 21.281 min Scan# 2006
Delta R.T. -0.010 min
Lab File: BN016493.D
Acq: 26 Sep 2021 03:15

Tgt Ion:228 Resp: 9163
Ion Ratio Lower Upper
228 100
226 31.1 23.0 34.4
229 21.6 15.6 23.4





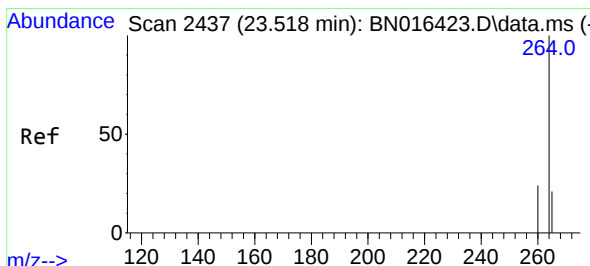
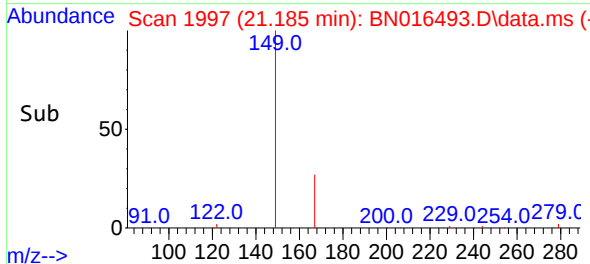
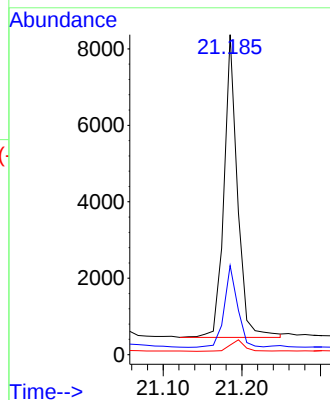
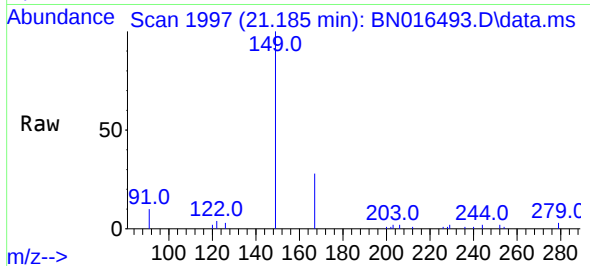
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.13 ng
RT: 21.185 min Scan# 1997
Delta R.T. -0.010 min
Lab File: BN016493.D
Acq: 26 Sep 2021 03:15

Tgt Ion:149 Resp: 9399
Ion Ratio Lower Upper
149 100
167 26.6 23.4 35.0
279 4.1 3.9 5.9

Instrument :
BNA_N
ClientSampleId :
S-812-G-SO-2.5-3-092321

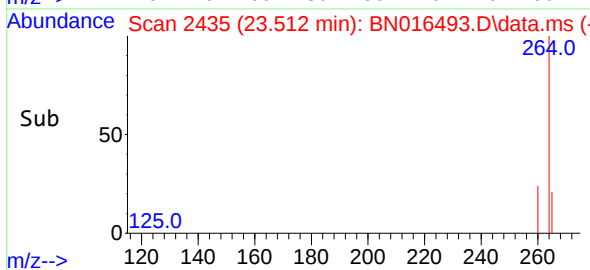
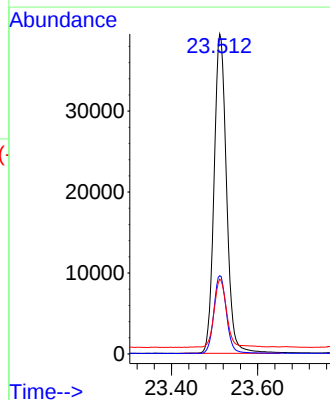
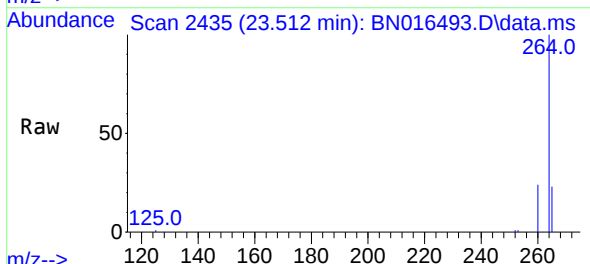
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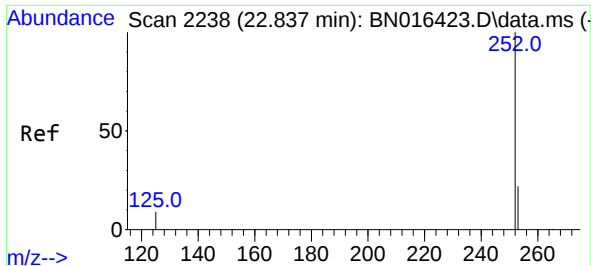
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#35
Perylene-d12
Concen: 0.40 ng
RT: 23.512 min Scan# 2435
Delta R.T. -0.007 min
Lab File: BN016493.D
Acq: 26 Sep 2021 03:15

Tgt Ion:264 Resp: 79401
Ion Ratio Lower Upper
264 100
260 24.5 18.9 28.3
265 23.4 23.7 35.5#





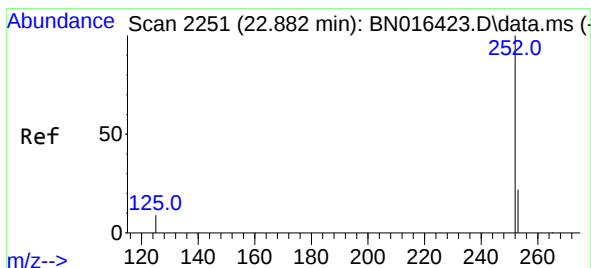
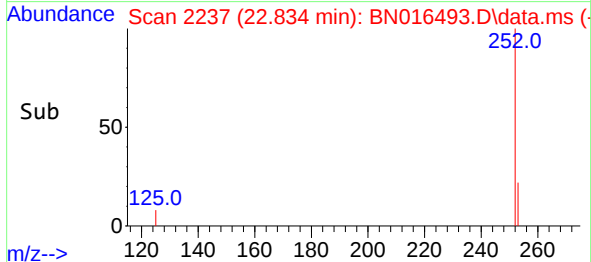
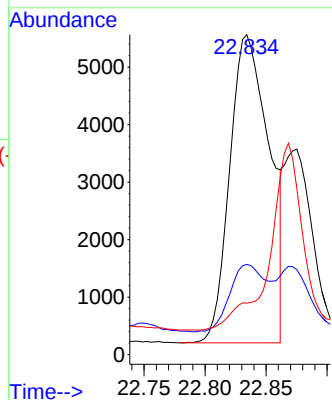
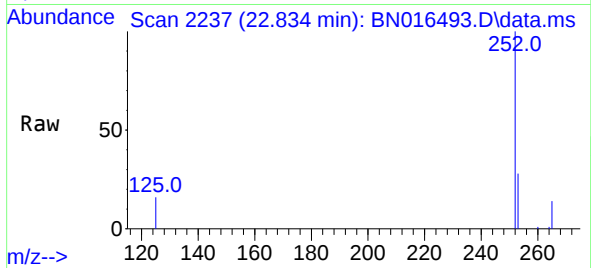
#37
Benzo(b)fluoranthene
Concen: 0.05 ng
RT: 22.834 min Scan# 2237
Delta R.T. -0.003 min
Lab File: BN016493.D
Acq: 26 Sep 2021 03:15

Tgt Ion:	252	Resp:	12080
Ion Ratio	Lower	Upper	
252	100		
253	28.2	18.2	27.2#
125	16.1	8.4	12.6#

Instrument :
BNA_N
ClientSampleId :
S-812-G-SO-2.5-3-092321

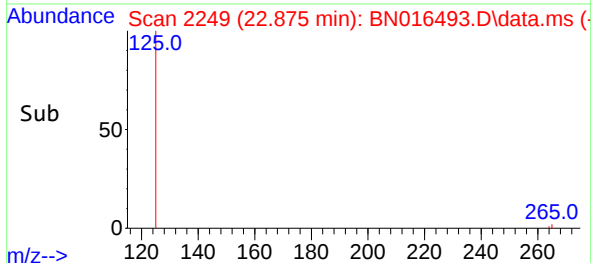
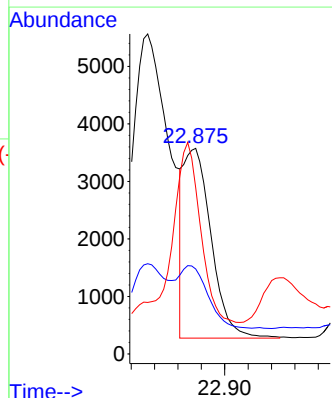
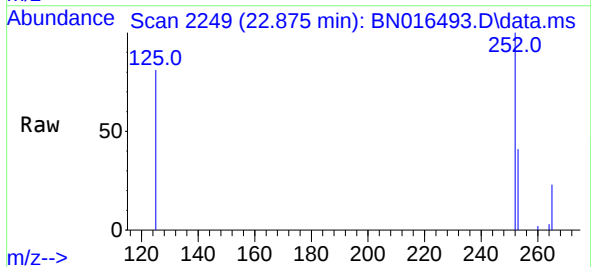
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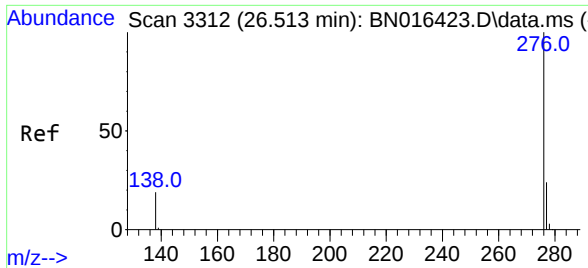
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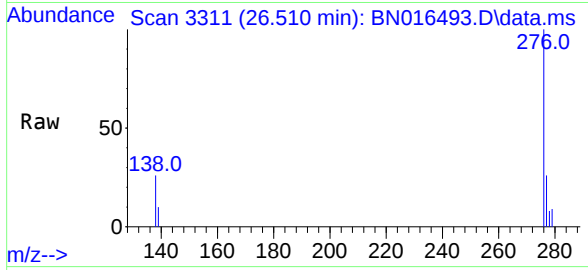
#38
Benzo(k)fluoranthene
Concen: 0.02 ng m
RT: 22.875 min Scan# 2249
Delta R.T. -0.007 min
Lab File: BN016493.D
Acq: 26 Sep 2021 03:15

Tgt Ion:	252	Resp:	5417
Ion Ratio	Lower	Upper	
252	100		
253	41.3	18.2	27.2#
125	80.8	8.2	12.4#

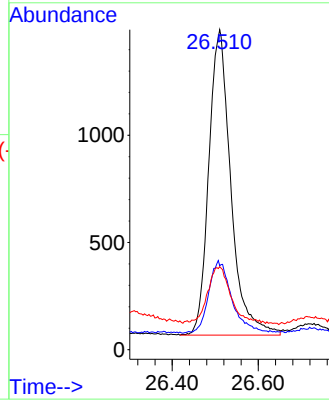
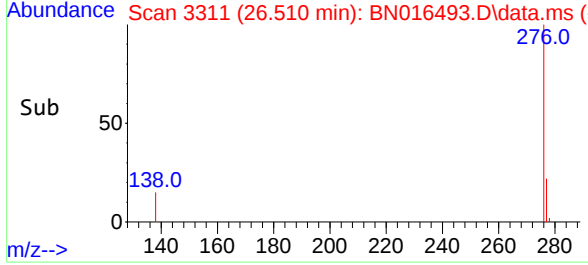




#41
Benzo(g,h,i)perylene
Concen: 0.02 ng
RT: 26.510 min Scan# 3311
Delta R.T. -0.003 min
Lab File: BN016493.D
Acq: 26 Sep 2021 03:15



Tgt Ion:	276	Resp:	5067
Ion Ratio	Lower	Upper	
276	100		
277	26.3	20.5	30.7
138	25.9	18.2	27.4



Instrument :
BNA_N
ClientSampleId :
S-812-G-SO-2.5-3-092321

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