

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100721\
 Data File : BN016822.D
 Acq On : 08 Oct 2021 00:19
 Operator : CG/JU
 Sample : M4020-12
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 S-820-N-SO-1-1.5-093021

Manual Integrations
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Quant Time: Oct 08 05:20:20 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 08 01:39:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.615	152	19884	0.400	ng	0.00
7) Naphthalene-d8	10.381	136	90418	0.400	ng	# 0.00
13) Acenaphthene-d10	14.243	164	47762	0.400	ng	0.00
19) Phenanthrene-d10	17.006	188	93202	0.400	ng	0.00
29) Chrysene-d12	21.206	240	91992	0.400	ng	#-0.01
35) Perylene-d12	23.450	264	107118	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.254	112	17665	0.356	ng	0.03
5) Phenol-d6	6.803	99	18253	0.323	ng	0.00
8) Nitrobenzene-d5	8.759	82	20073	0.317	ng	0.00
11) 2-Methylnaphthalene-d10	11.976	152	47771	0.355	ng	0.00
14) 2,4,6-Tribromophenol	15.753	330	6018	0.244	ng	0.00
15) 2-Fluorobiphenyl	12.873	172	59563	0.309	ng	0.00
27) Fluoranthene-d10	19.043	212	92935	0.359	ng	0.00
31) Terphenyl-d14	19.654	244	70330	0.351	ng	0.00
Target Compounds						Qvalue
25) Phenanthrene	17.042	178	10532m	0.038	ng	
28) Fluoranthene	19.073	202	15551	0.050	ng	98
30) Pyrene	19.435	202	15219	0.054	ng	# 94
33) Chrysene	21.249	228	7699m	0.027	ng	
34) Bis(2-ethylhexyl)phtha...	21.143	149	909701	6.292	ng	100

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

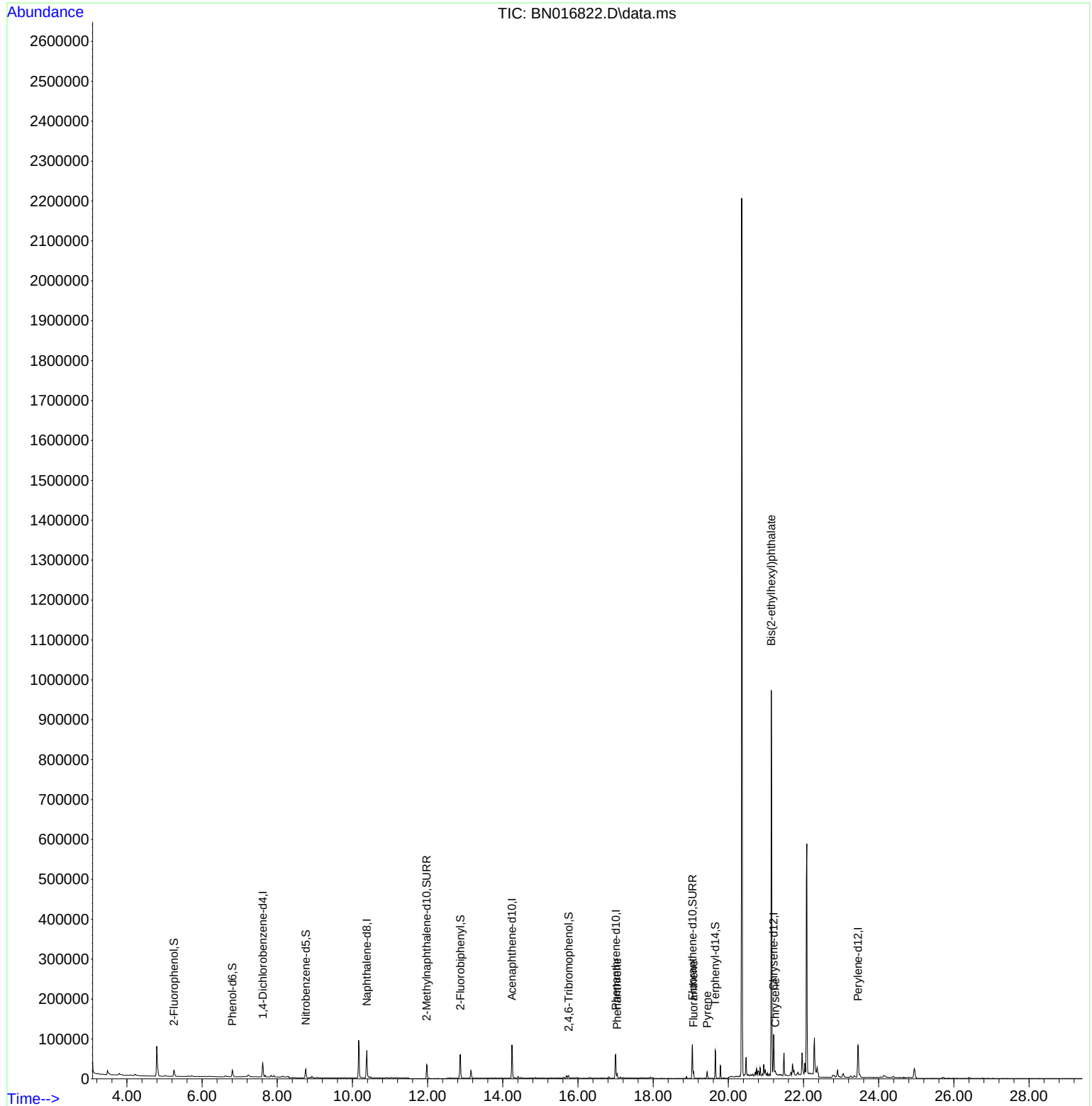
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Data File : BN016822.D
Acq On : 08 Oct 2021 00:19
Operator : CG/JU
Sample : M4020-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

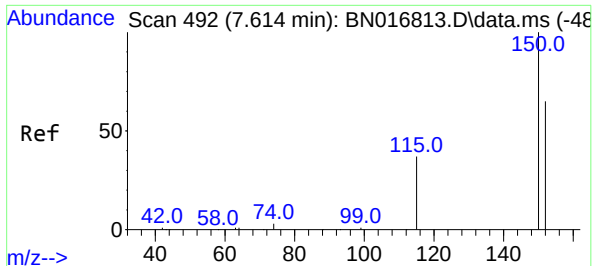
Instrument :
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S-820-N-SO-1-1.5-093021

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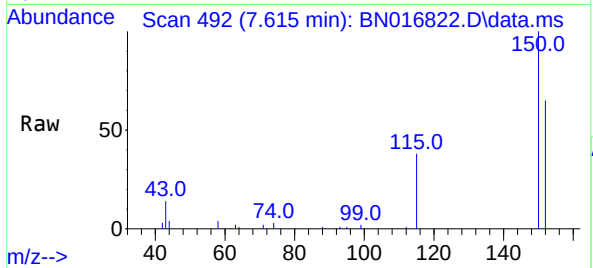
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 08 01:39:08 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.615 min Scan# 492
Delta R.T. 0.001 min
Lab File: BN016822.D
Acq: 08 Oct 2021 00:19

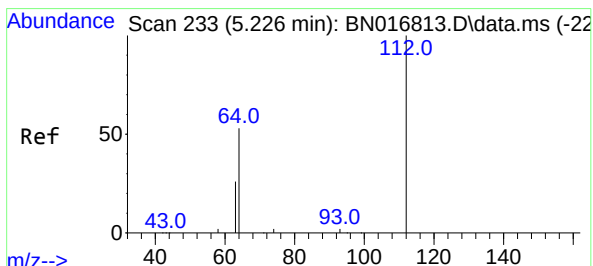
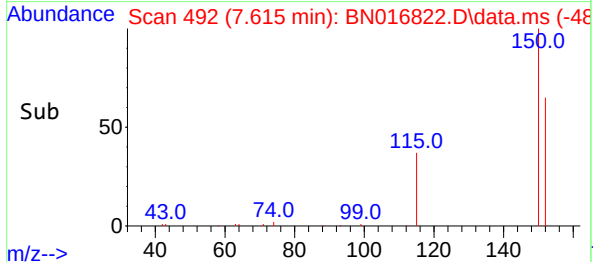
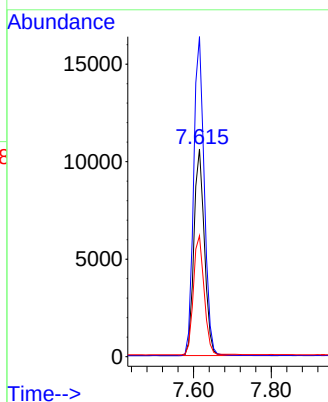
Instrument :
BNA_N
ClientSampleId :
S-820-N-SO-1-1.5-093021



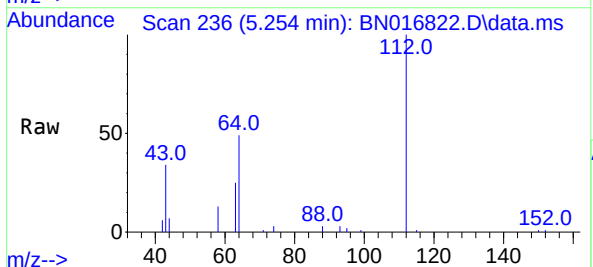
Tgt Ion:152 Resp: 19884
Ion Ratio Lower Upper
152 100
150 154.0 123.3 184.9
115 58.2 47.0 70.6

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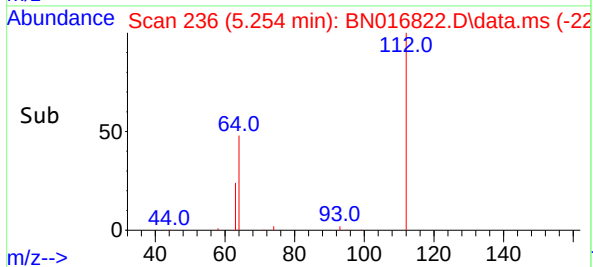
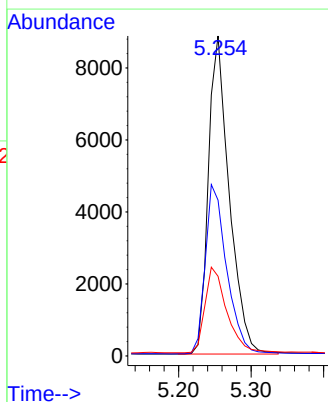
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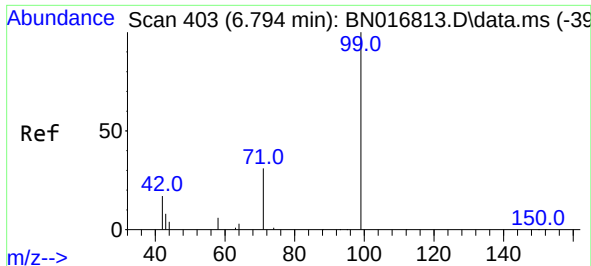


#4
2-Fluorophenol
Concen: 0.356 ng
RT: 5.254 min Scan# 236
Delta R.T. 0.028 min
Lab File: BN016822.D
Acq: 08 Oct 2021 00:19



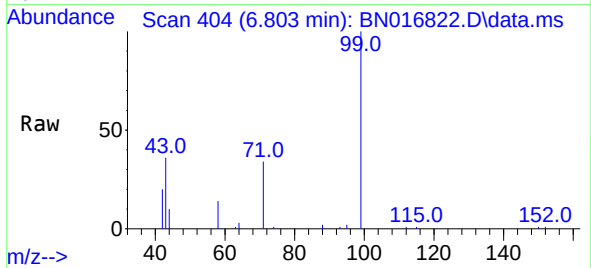
Tgt Ion:112 Resp: 17665
Ion Ratio Lower Upper
112 100
64 54.6 42.9 64.3
63 28.2 21.5 32.3





#5
Phenol-d6
Concen: 0.323 ng
RT: 6.803 min Scan# 404
Delta R.T. 0.010 min
Lab File: BN016822.D
Acq: 08 Oct 2021 00:19

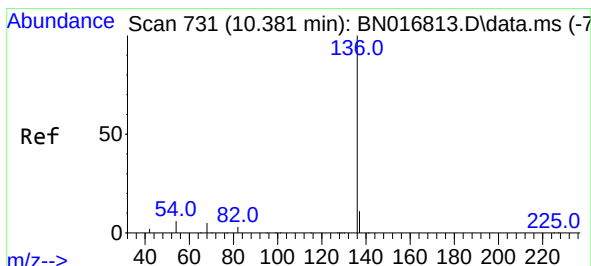
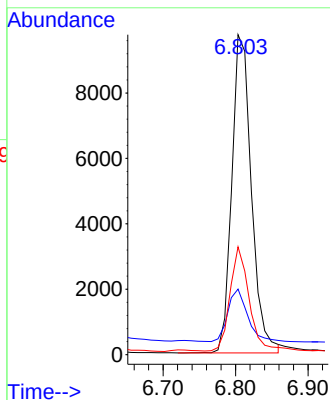
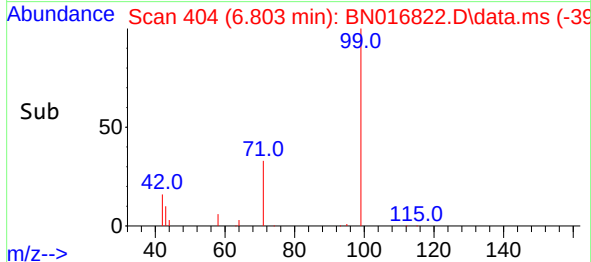
Instrument :
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ClientSampleId :
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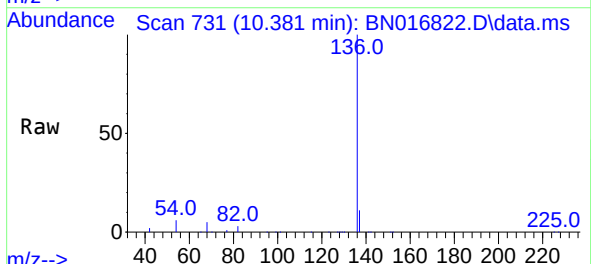
Tgt Ion: 99 Resp: 18253
Ion Ratio Lower Upper
99 100
42 16.3 13.4 20.2
71 31.5 24.0 36.0

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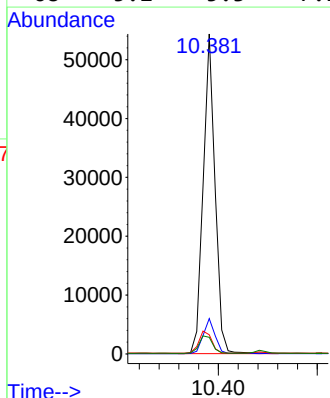
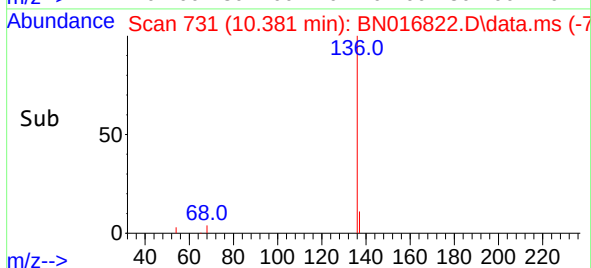
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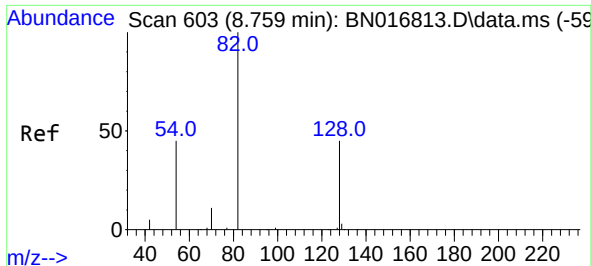


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.381 min Scan# 731
Delta R.T. 0.000 min
Lab File: BN016822.D
Acq: 08 Oct 2021 00:19

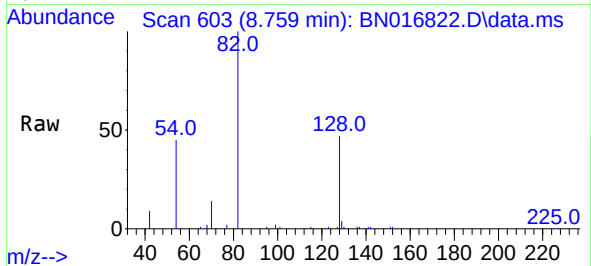


Tgt Ion: 136 Resp: 90418
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 6.0 6.5 9.7#
68 5.2 5.3 7.9#

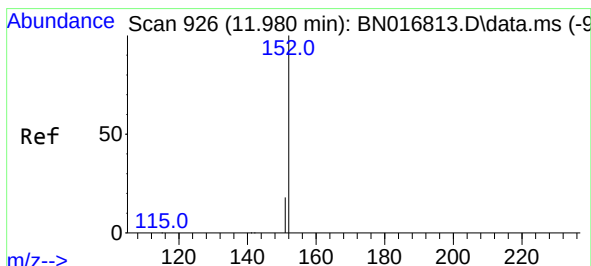
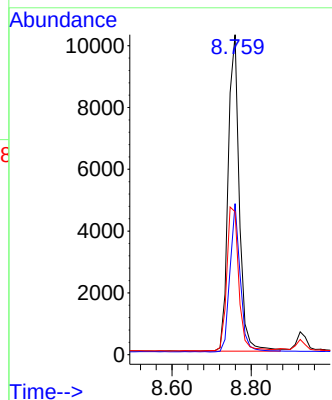
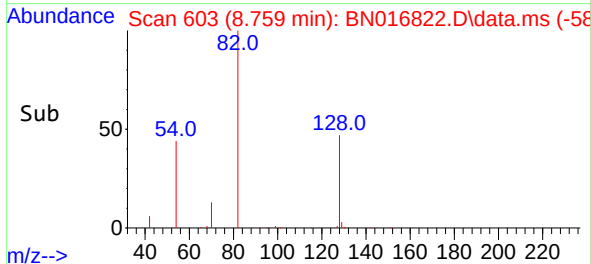




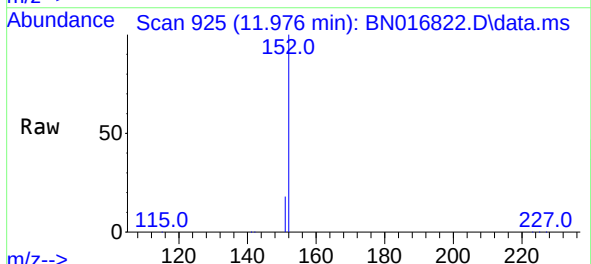
#8
Nitrobenzene-d5
Concen: 0.317 ng
RT: 8.759 min Scan# 603
Delta R.T. 0.000 min
Lab File: BN016822.D
Acq: 08 Oct 2021 00:19



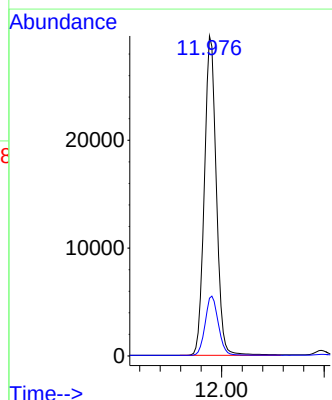
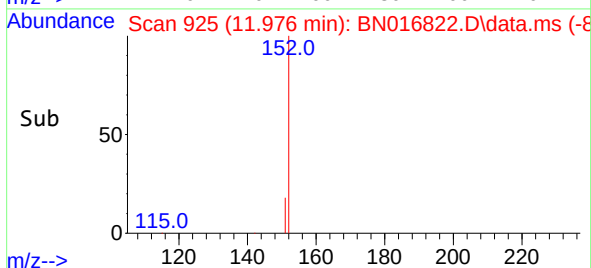
Tgt Ion: 82 Resp: 20073
Ion Ratio Lower Upper
82 100
128 47.2 33.8 50.6
54 44.7 38.5 57.7



#11
2-Methylnaphthalene-d10
Concen: 0.355 ng
RT: 11.976 min Scan# 925
Delta R.T. -0.004 min
Lab File: BN016822.D
Acq: 08 Oct 2021 00:19



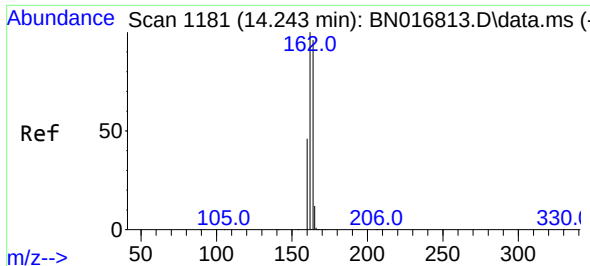
Tgt Ion: 152 Resp: 47771
Ion Ratio Lower Upper
152 100
151 20.6 16.2 24.4



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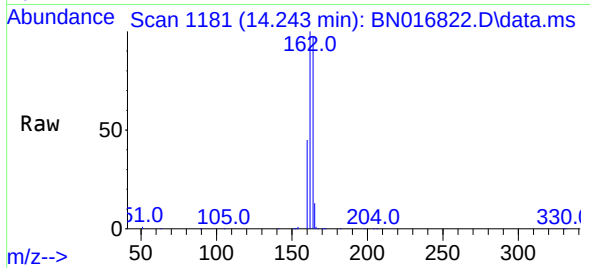
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#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.243 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BN016822.D
Acq: 08 Oct 2021 00:19

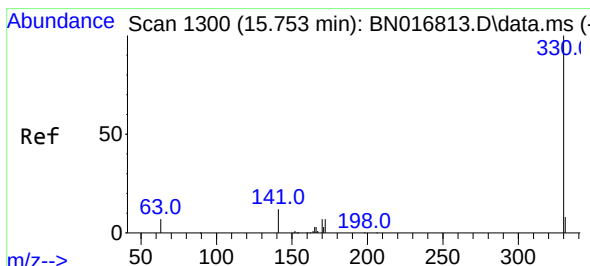
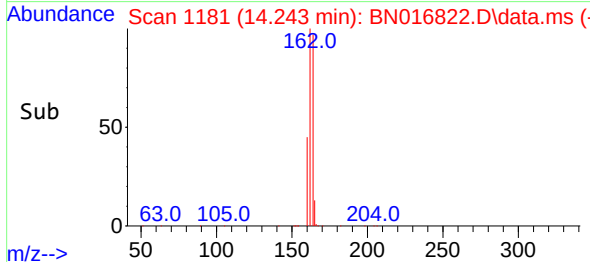
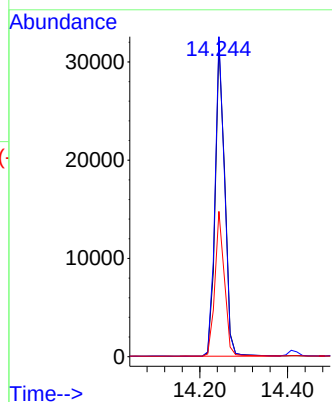
Instrument :
BNA_N
ClientSampleId :
S-820-N-SO-1-1.5-093021



Tgt Ion:164 Resp: 47762
Ion Ratio Lower Upper
164 100
162 102.6 82.6 124.0
160 46.6 38.2 57.2

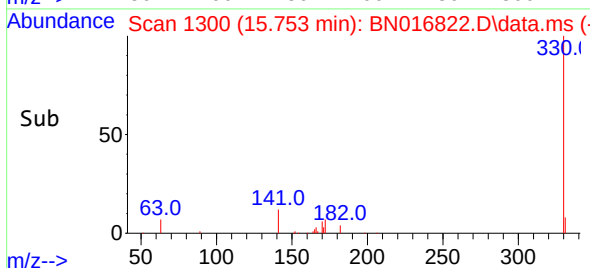
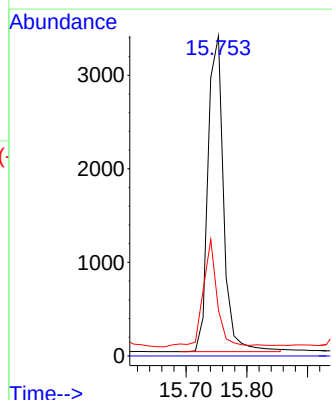
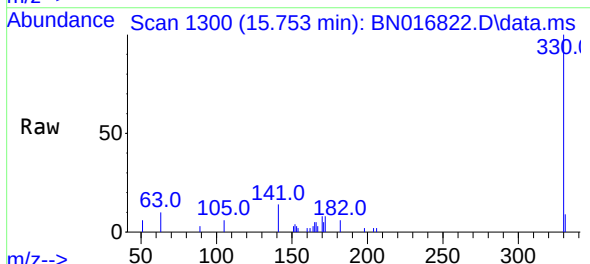
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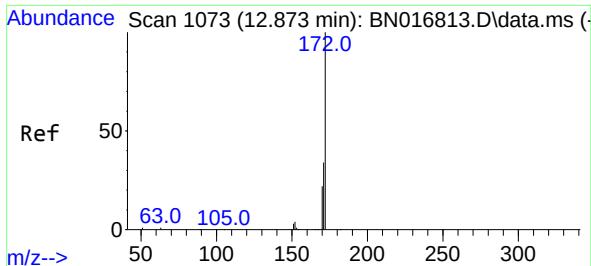
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#14
2,4,6-Tribromophenol
Concen: 0.244 ng
RT: 15.753 min Scan# 1300
Delta R.T. 0.000 min
Lab File: BN016822.D
Acq: 08 Oct 2021 00:19

Tgt Ion:330 Resp: 6018
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 28.7 24.2 36.2





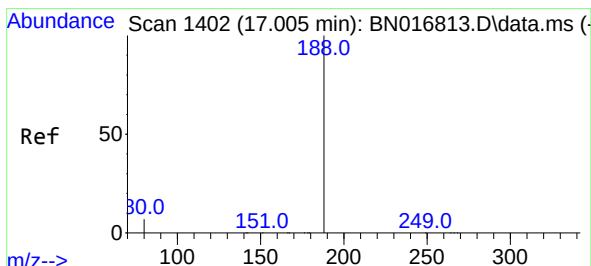
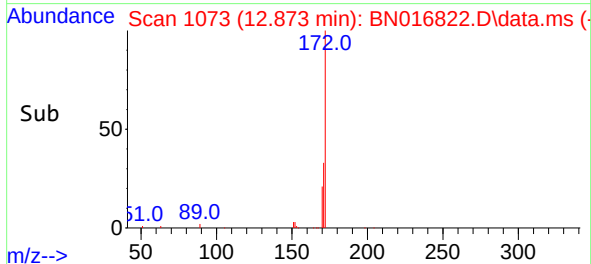
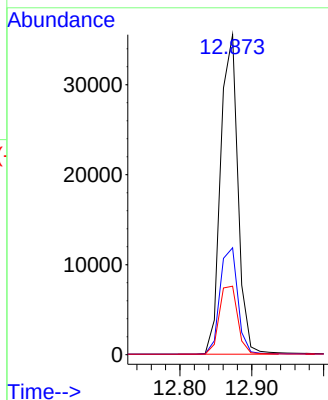
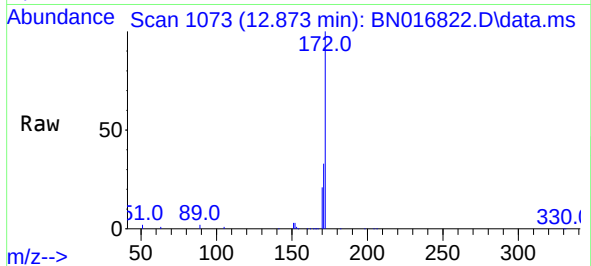
#15
2-Fluorobiphenyl
Concen: 0.309 ng
RT: 12.873 min Scan# 1073
Delta R.T. 0.000 min
Lab File: BN016822.D
Acq: 08 Oct 2021 00:19

Tgt Ion:172 Resp: 59563
Ion Ratio Lower Upper
172 100
171 33.4 26.9 40.3
170 21.4 17.4 26.0

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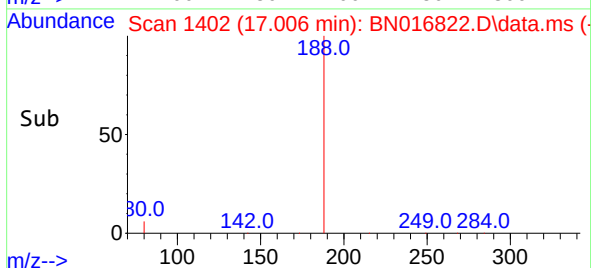
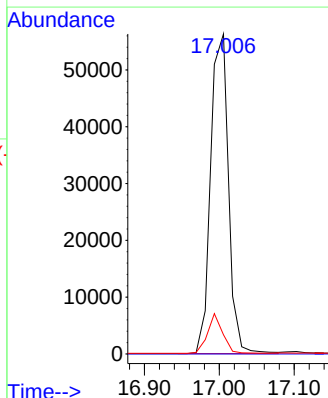
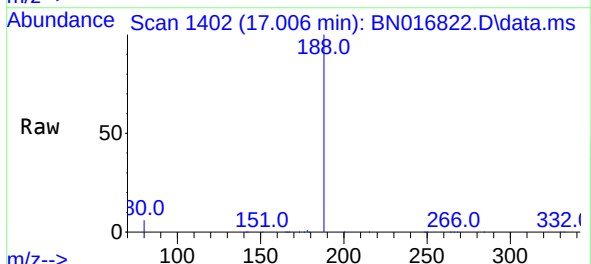
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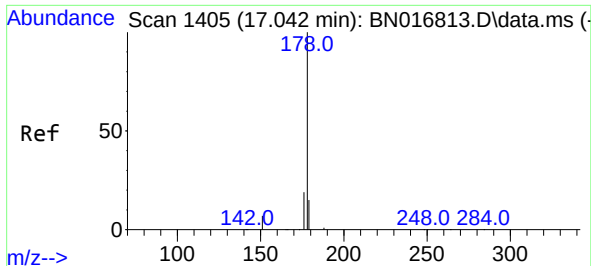
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#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.006 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BN016822.D
Acq: 08 Oct 2021 00:19

Tgt Ion:188 Resp: 93202
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.0 5.8 8.8





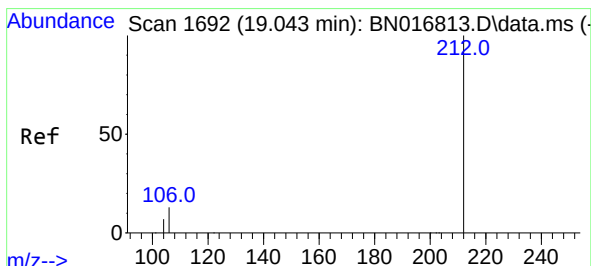
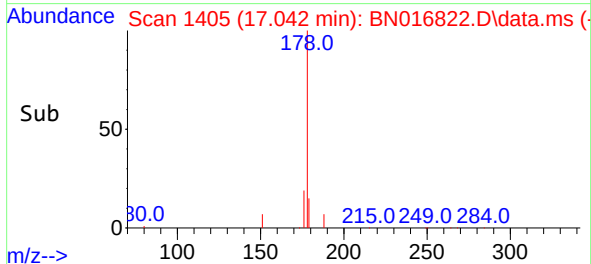
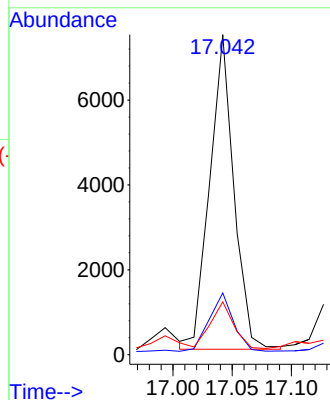
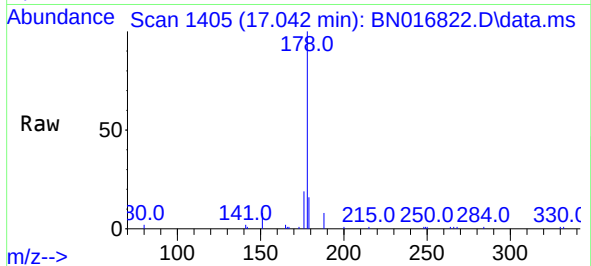
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Phenanthrene
Concen: 0.038 ng m
RT: 17.042 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BN016822.D
Acq: 08 Oct 2021 00:19

Tgt Ion:	178	Resp:	10532
Ion Ratio	Lower	Upper	
178	100		
176	19.9	15.0	22.6
179	15.1	12.4	18.6

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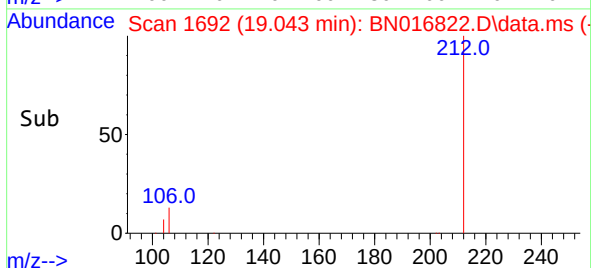
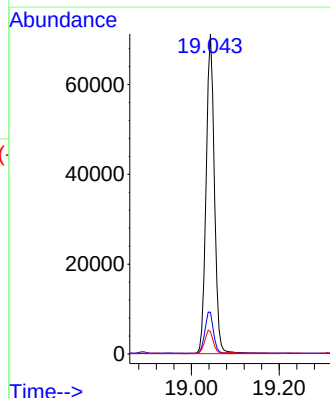
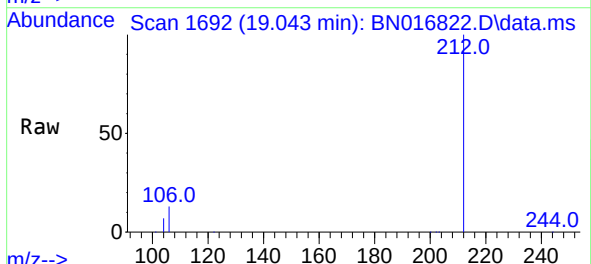
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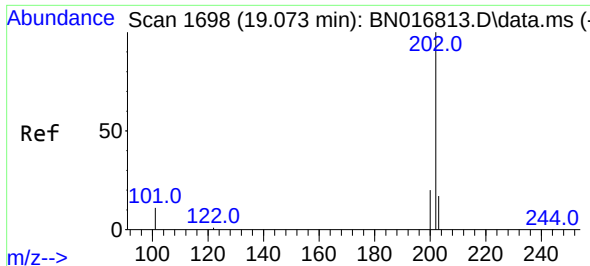
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#27
Fluoranthene-d10
Concen: 0.359 ng
RT: 19.043 min Scan# 1692
Delta R.T. 0.000 min
Lab File: BN016822.D
Acq: 08 Oct 2021 00:19

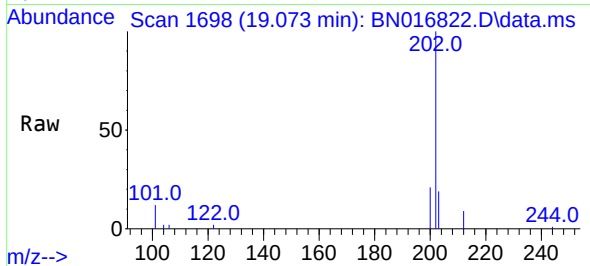
Tgt Ion:	212	Resp:	92935
Ion Ratio	Lower	Upper	
212	100		
106	13.4	10.6	16.0
104	7.3	5.8	8.8





#28
Fluoranthene
Concen: 0.050 ng
RT: 19.073 min Scan# 1698
Delta R.T. 0.000 min
Lab File: BN016822.D
Acq: 08 Oct 2021 00:19

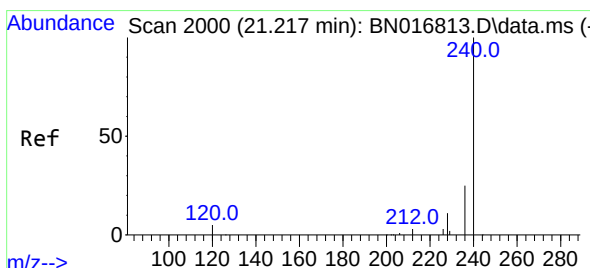
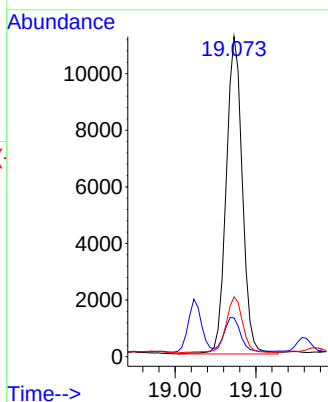
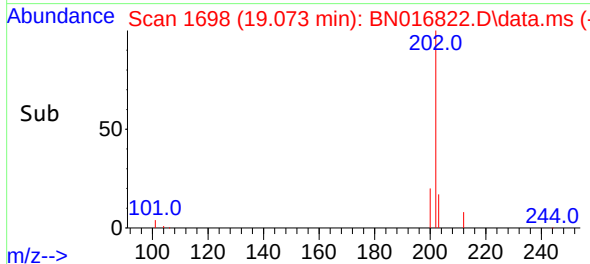
Instrument :
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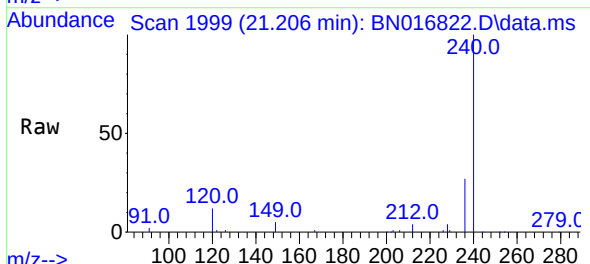
Tgt Ion:202 Resp: 15551
Ion Ratio Lower Upper
202 100
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203 18.2 13.8 20.8

Manual Integrations
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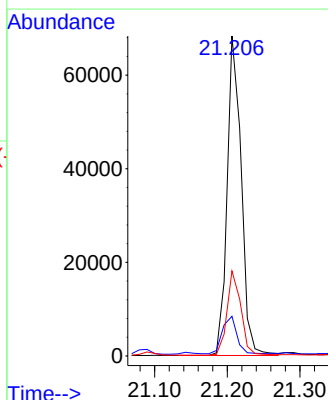
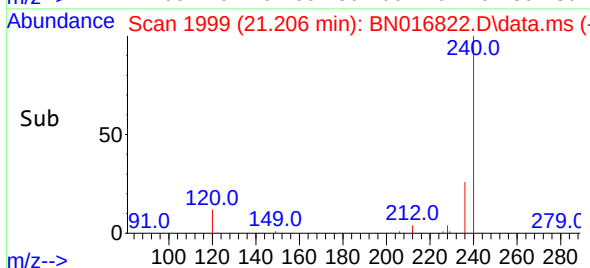
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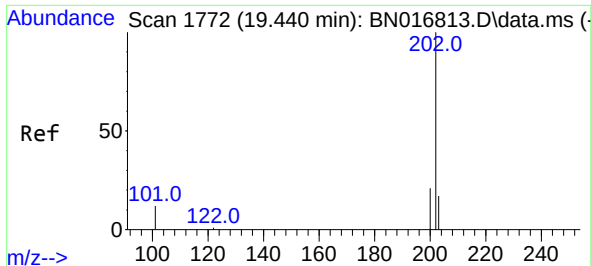


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.206 min Scan# 1999
Delta R.T. -0.010 min
Lab File: BN016822.D
Acq: 08 Oct 2021 00:19



Tgt Ion:240 Resp: 91992
Ion Ratio Lower Upper
240 100
120 12.4 6.6 10.0#
236 26.6 20.7 31.1





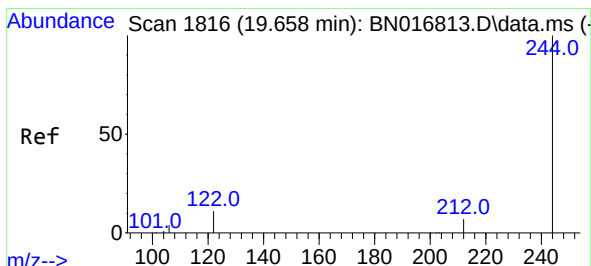
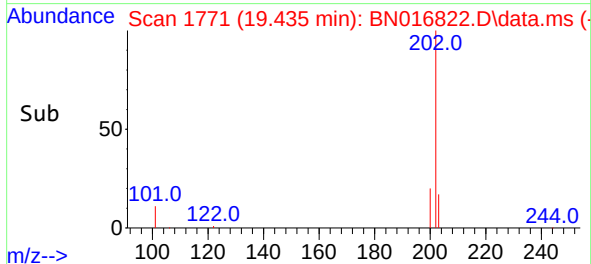
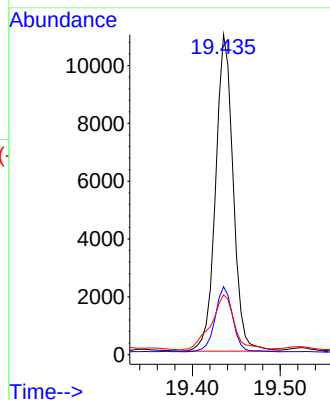
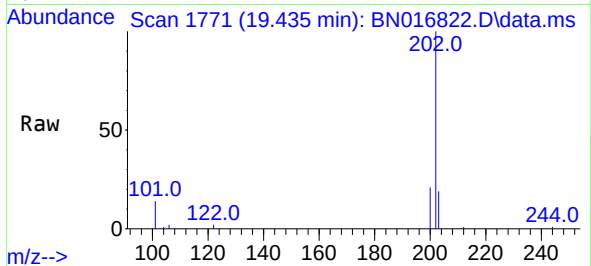
#30
Pyrene
Concen: 0.054 ng
RT: 19.435 min Scan# 1771
Delta R.T. -0.005 min
Lab File: BN016822.D
Acq: 08 Oct 2021 00:19

Tgt Ion:	202	Resp:	15219
Ion Ratio	Lower	Upper	
202	100		
200	20.6	16.5	24.7
203	22.7	13.9	20.9#

Instrument :
BNA_N
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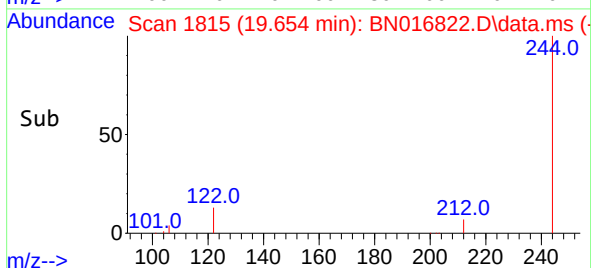
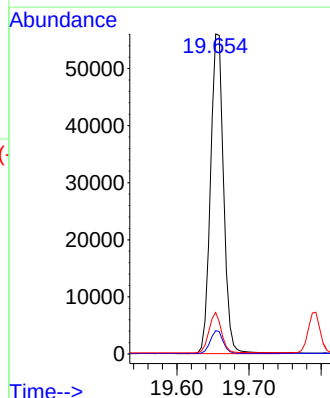
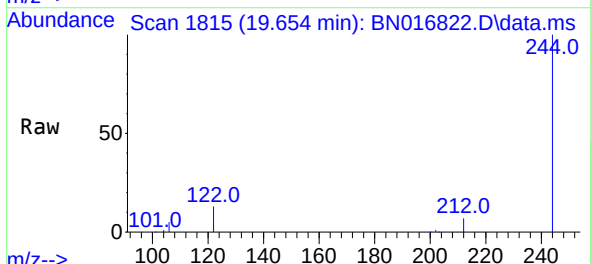
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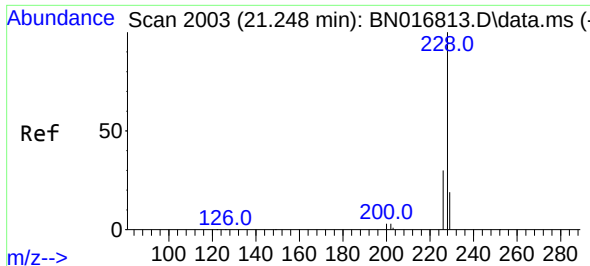
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#31
Terphenyl-d14
Concen: 0.351 ng
RT: 19.654 min Scan# 1815
Delta R.T. -0.005 min
Lab File: BN016822.D
Acq: 08 Oct 2021 00:19

Tgt Ion:	244	Resp:	70330
Ion Ratio	Lower	Upper	
244	100		
212	7.3	5.8	8.6
122	12.9	8.9	13.3





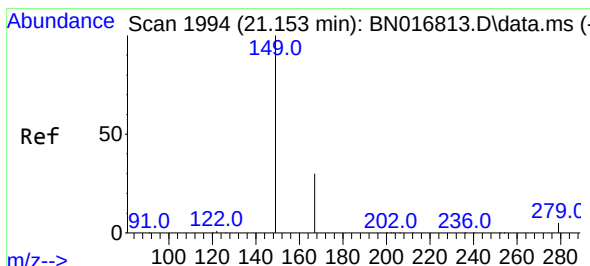
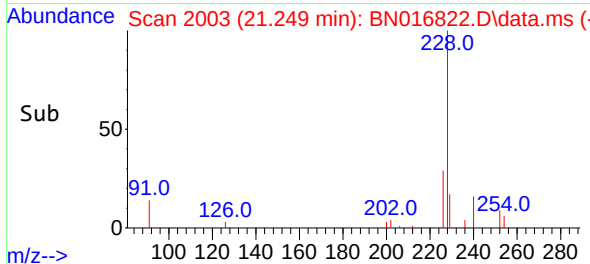
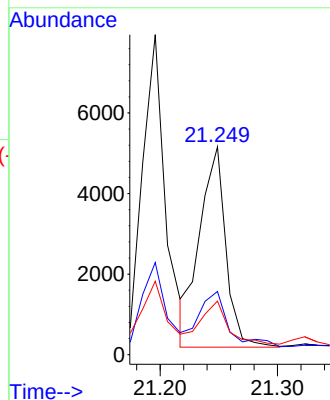
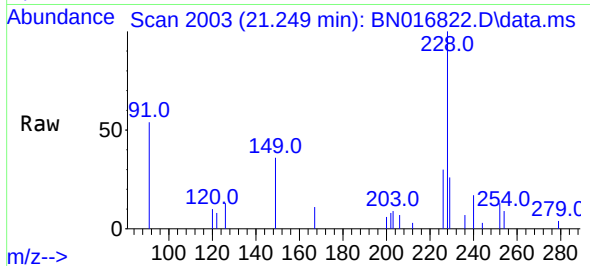
#33
Chrysene
Concen: 0.027 ng m
RT: 21.249 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BN016822.D
Acq: 08 Oct 2021 00:19

Tgt Ion: 228 Resp: 7699
Ion Ratio Lower Upper
228 100
226 30.5 24.2 36.4
229 25.8 15.4 23.0#

Instrument :
BNA_N
ClientSampleId :
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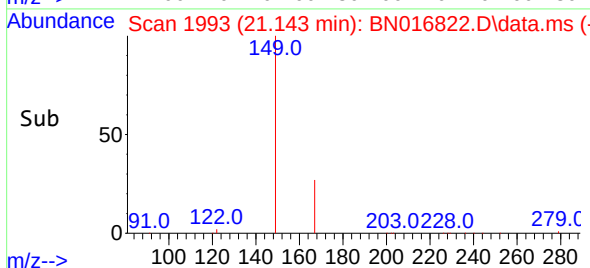
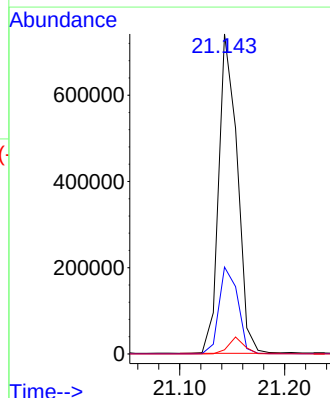
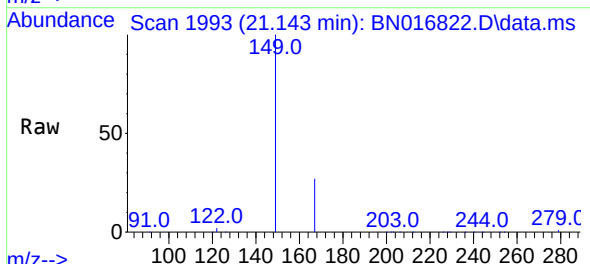
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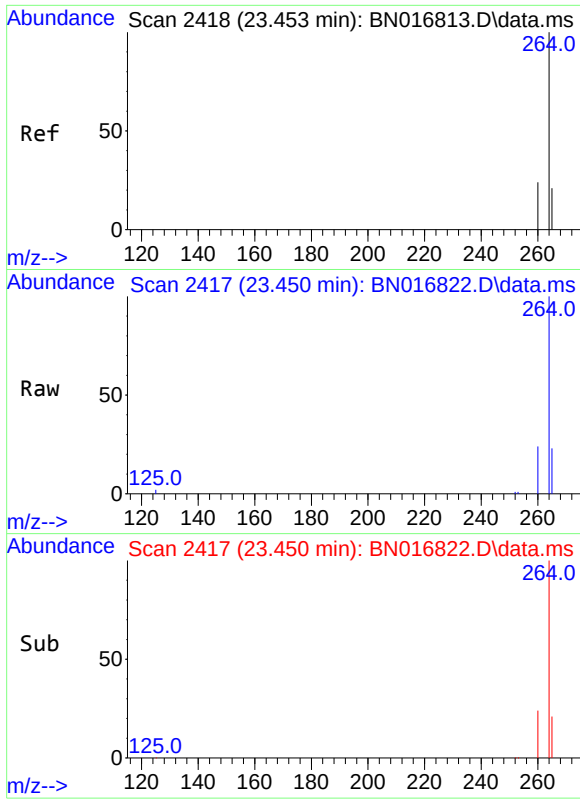
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#34
Bis(2-ethylhexyl)phthalate
Concen: 6.292 ng
RT: 21.143 min Scan# 1993
Delta R.T. -0.010 min
Lab File: BN016822.D
Acq: 08 Oct 2021 00:19

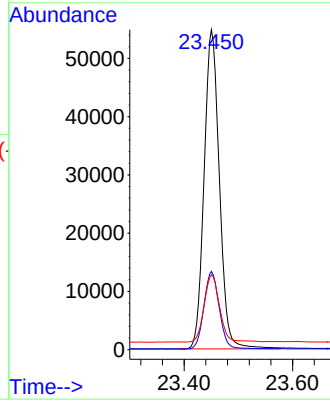
Tgt Ion: 149 Resp: 909701
Ion Ratio Lower Upper
149 100
167 27.6 22.2 33.4
279 4.5 3.4 5.2





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.450 min Scan# 2417
 Delta R.T. -0.003 min
 Lab File: BN016822.D
 Acq: 08 Oct 2021 00:19

Tgt Ion:264 Resp: 107118
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.8 29.6
 265 23.5 20.3 30.5



Instrument :
 BNA_N
 ClientSampleId :
 S-820-N-SO-1-1.5-093021

Manual Integrations
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