

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN063021\
 Data File : BN015233.D
 Acq On : 30 Jun 2021 21:39
 Operator : CG/JU
 Sample : M2805-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 FB03-20210619

Quant Time: Jul 01 02:06:25 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN063021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 30 15:55:37 2021
 Response via : Initial Calibration

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

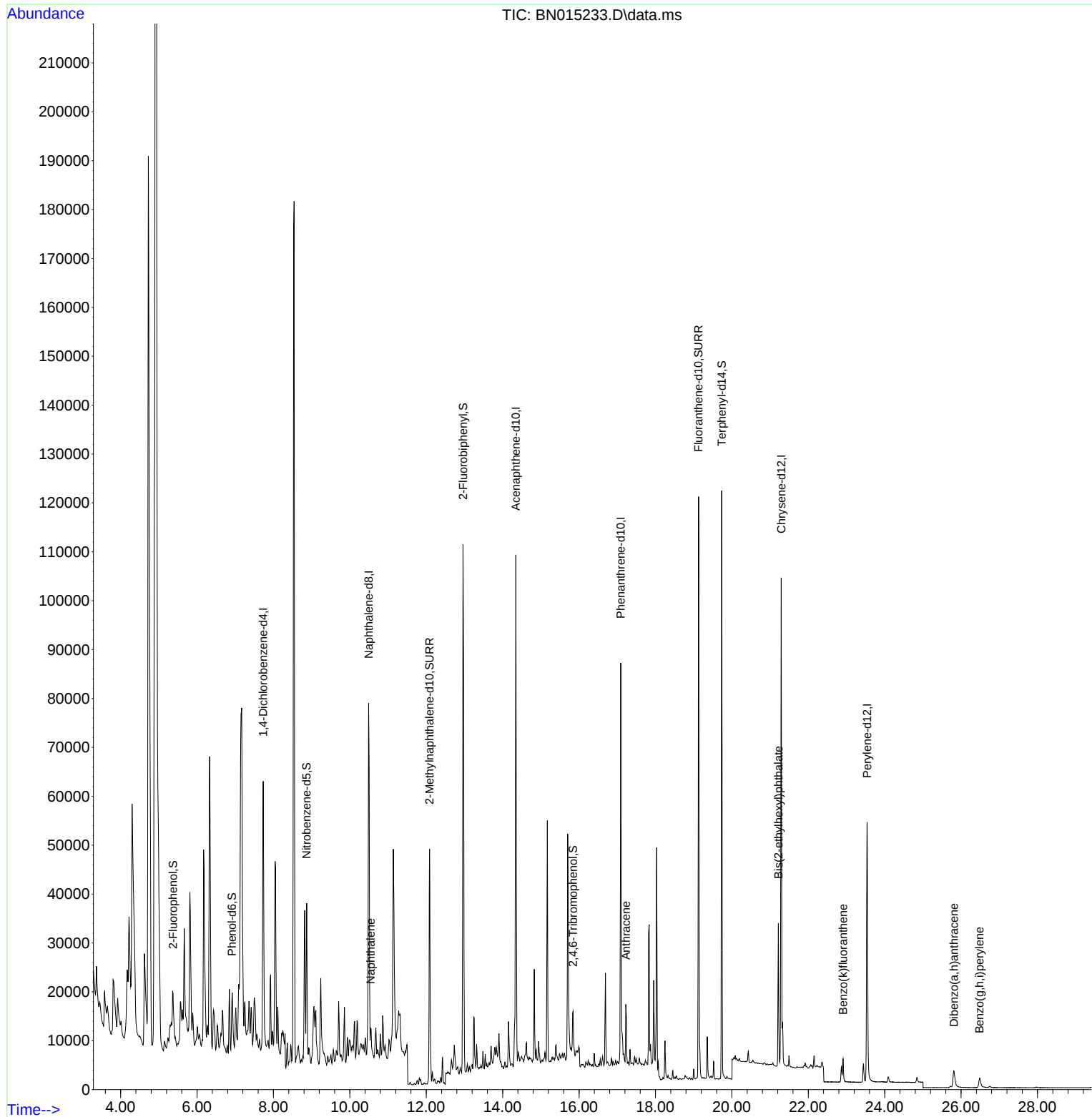
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.732	152	21438	0.400	ng	# 0.00
7) Naphthalene-d8	10.493	136	100698	0.400	ng	# 0.00
13) Acenaphthene-d10	14.346	164	56393	0.400	ng	0.00
19) Phenanthrene-d10	17.092	188	110929	0.400	ng	0.00
29) Chrysene-d12	21.292	240	91084	0.400	ng	#-0.01
35) Perylene-d12	23.540	264	74798	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.371	112	10912	0.200	ng	0.00
5) Phenol-d6	6.911	99	7964	0.116	ng	0.00
8) Nitrobenzene-d5	8.870	82	25908	0.454	ng	0.00
11) 2-Methylnaphthalene-d10	12.088	152	65005	0.390	ng	0.00
14) 2,4,6-Tribromophenol	15.843	330	7735	0.512	ng	0.00
15) 2-Fluorobiphenyl	12.963	172	94640	0.413	ng	0.00
27) Fluoranthene-d10	19.128	212	133453	0.407	ng	0.00
31) Terphenyl-d14	19.734	244	117859	0.553	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.543	128	6082	0.021	ng	# 88
26) Anthracene	17.225	178	7013	0.023	ng	# 77
34) Bis(2-ethylhexyl)phtha...	21.218	149	28514	0.278	ng	# 87
38) Benzo(k)fluoranthene	22.910	252	6459	0.021	ng	# 86
40) Dibenzo(a,h)anthracene	25.816	278	4459	0.021	ng	# 84
41) Benzo(g,h,i)perylene	26.484	276	5020	0.022	ng	# 83

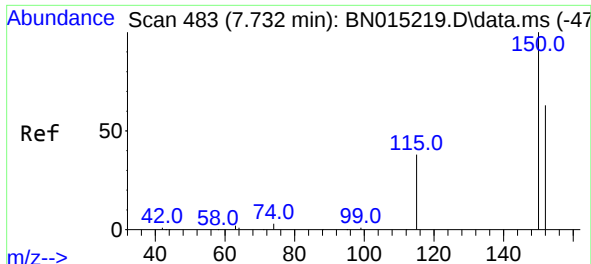
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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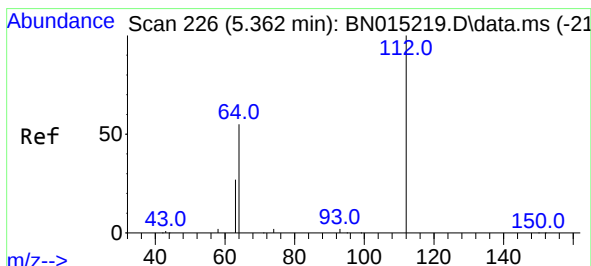
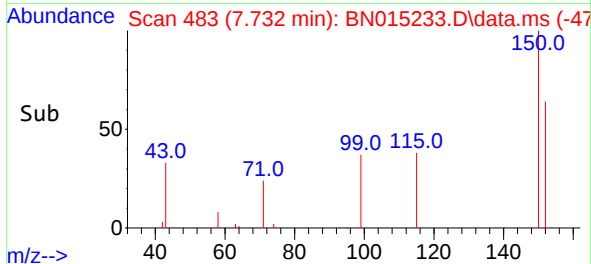
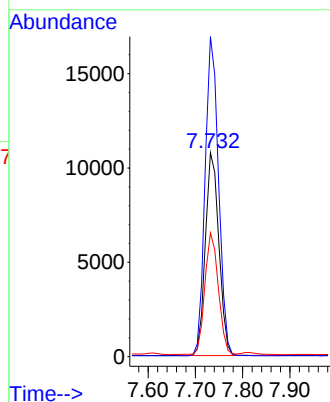
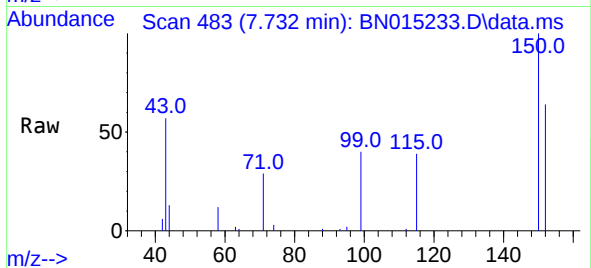




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.732 min Scan# 483
Delta R.T. -0.000 min
Lab File: BN015233.D
Acq: 30 Jun 2021 21:39

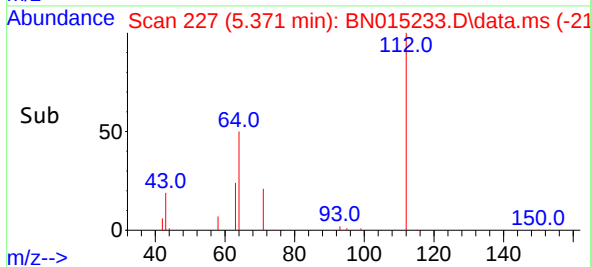
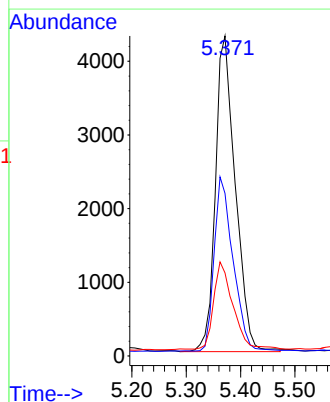
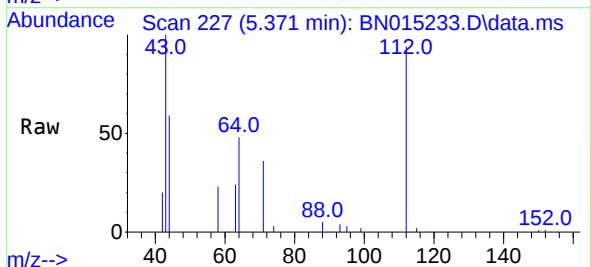
Instrument :
BNA_N
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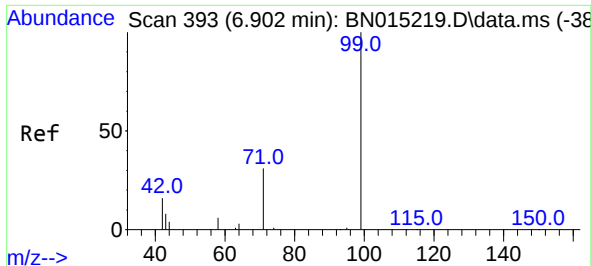
Tgt Ion:152 Resp: 21438
Ion Ratio Lower Upper
152 100
150 156.9 119.0 178.6
115 60.7 62.2 93.4#



#4
2-Fluorophenol
Concen: 0.200 ng
RT: 5.371 min Scan# 227
Delta R.T. 0.009 min
Lab File: BN015233.D
Acq: 30 Jun 2021 21:39

Tgt Ion:112 Resp: 10912
Ion Ratio Lower Upper
112 100
64 52.3 39.0 58.6
63 27.0 20.6 30.8

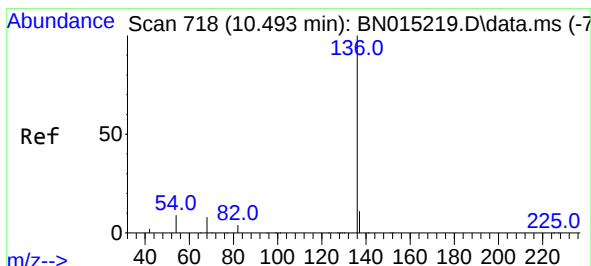
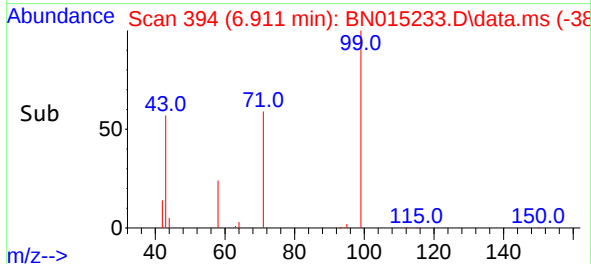
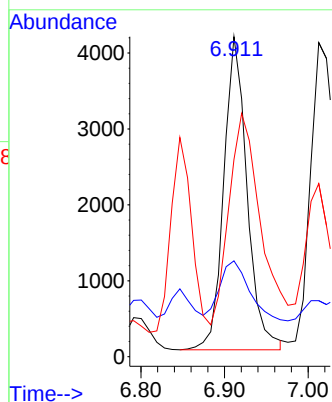
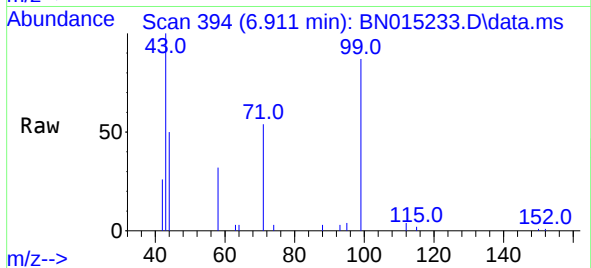




#5
Phenol-d6
Concen: 0.116 ng
RT: 6.911 min Scan# 394
Delta R.T. 0.009 min
Lab File: BN015233.D
Acq: 30 Jun 2021 21:39

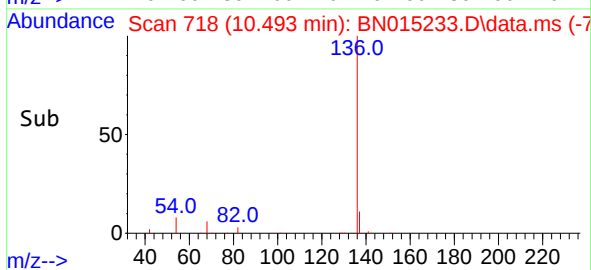
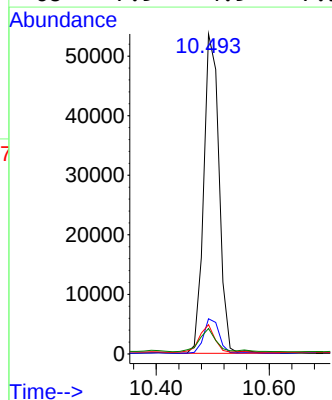
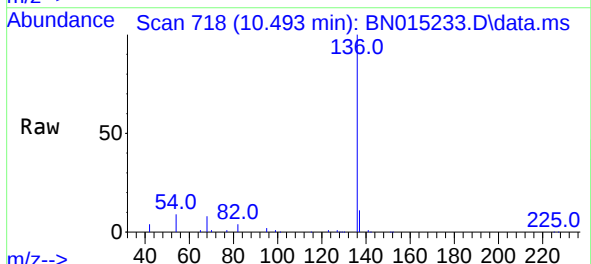
Instrument :
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ClientSampleId :
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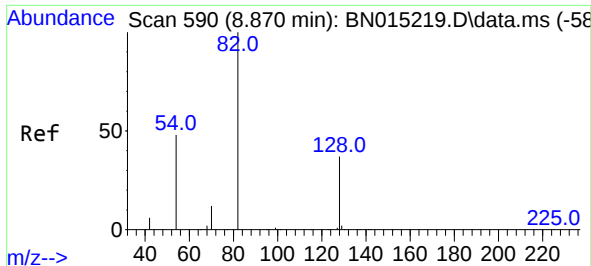
Tgt Ion: 99 Resp: 7964
Ion Ratio Lower Upper
99 100
42 23.3 8.9 13.3#
71 88.2 35.6 53.4#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.493 min Scan# 718
Delta R.T. 0.000 min
Lab File: BN015233.D
Acq: 30 Jun 2021 21:39

Tgt Ion: 136 Resp: 100698
Ion Ratio Lower Upper
136 100
137 11.0 9.8 14.8
54 9.2 5.4 8.2#
68 7.9 4.9 7.3#

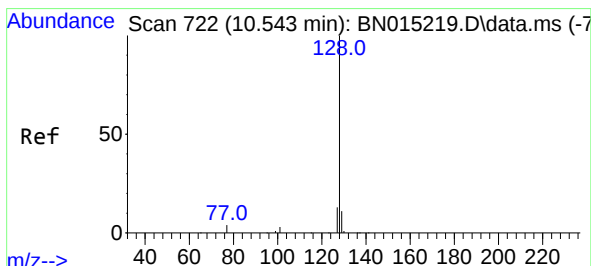
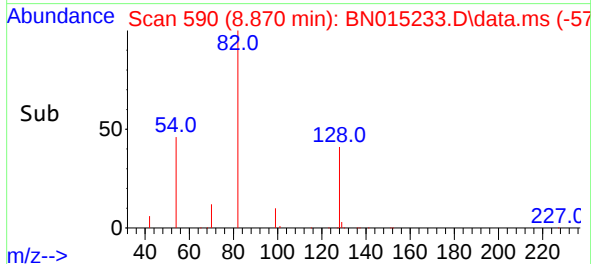
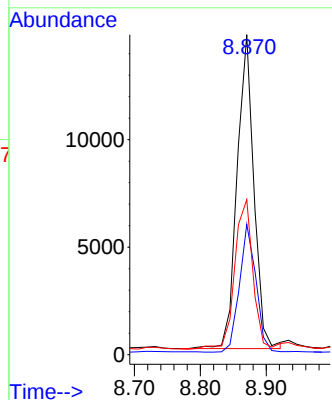
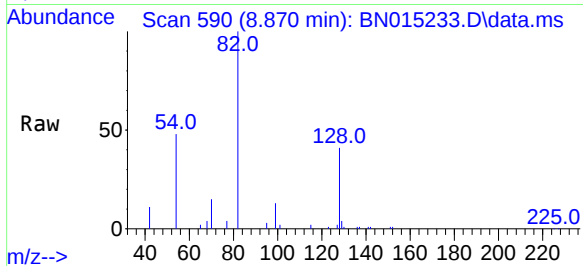




#8
Nitrobenzene-d5
Concen: 0.454 ng
RT: 8.870 min Scan# 590
Delta R.T. 0.000 min
Lab File: BN015233.D
Acq: 30 Jun 2021 21:39

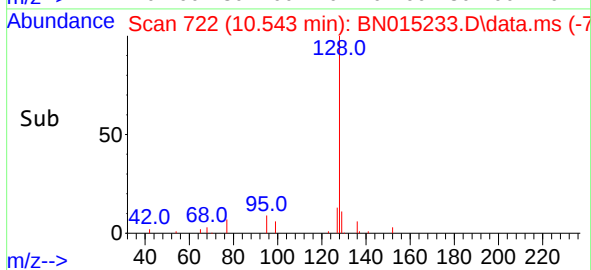
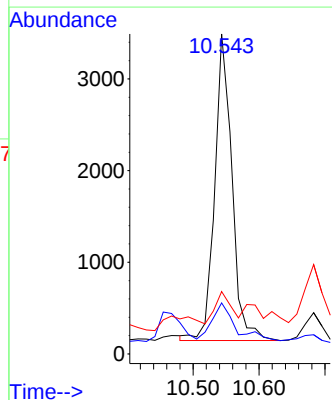
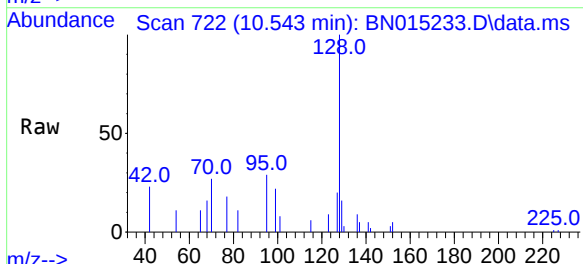
Instrument :
BNA_N
ClientSampleId :
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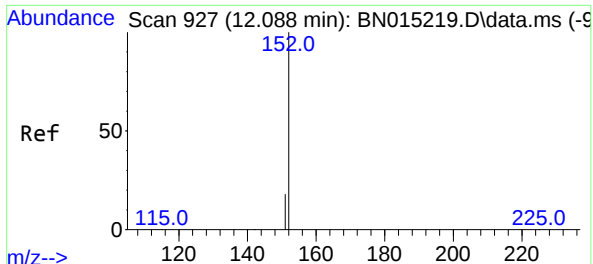
Tgt Ion: 82 Resp: 25908
Ion Ratio Lower Upper
82 100
128 40.8 31.6 47.4
54 48.4 29.0 43.4#



#9
Naphthalene
Concen: 0.021 ng
RT: 10.543 min Scan# 722
Delta R.T. 0.000 min
Lab File: BN015233.D
Acq: 30 Jun 2021 21:39

Tgt Ion: 128 Resp: 6082
Ion Ratio Lower Upper
128 100
129 16.0 9.1 13.7#
127 19.5 11.8 17.6#

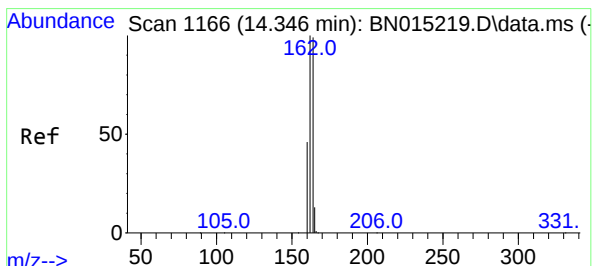
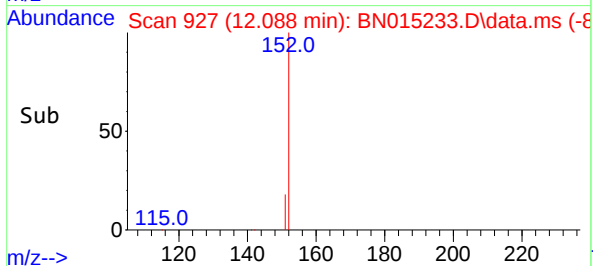
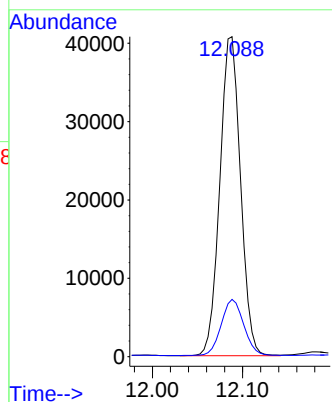
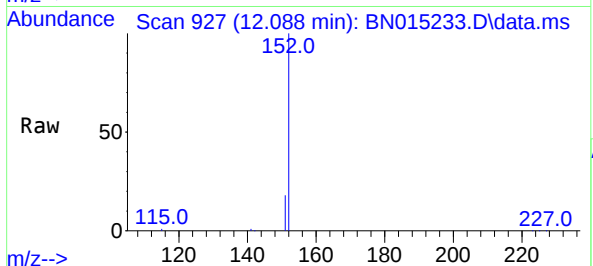




#11
2-Methylnaphthalene-d10
Concen: 0.390 ng
RT: 12.088 min Scan# 927
Delta R.T. 0.000 min
Lab File: BN015233.D
Acq: 30 Jun 2021 21:39

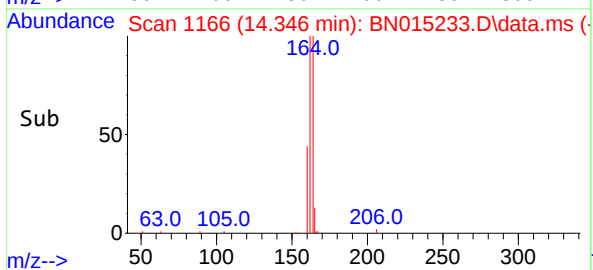
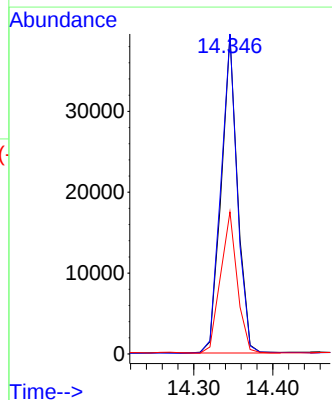
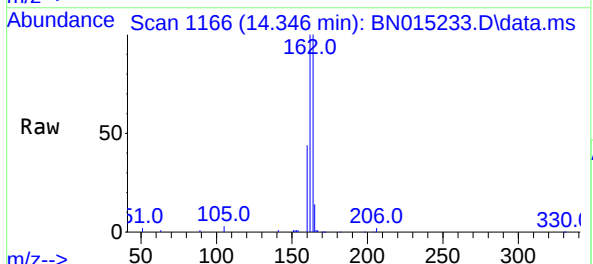
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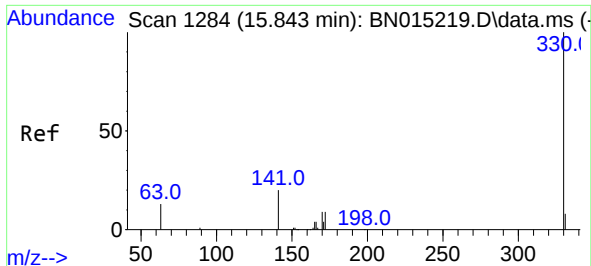
Tgt Ion:152 Resp: 65005
Ion Ratio Lower Upper
152 100
151 19.2 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.346 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BN015233.D
Acq: 30 Jun 2021 21:39

Tgt Ion:164 Resp: 56393
Ion Ratio Lower Upper
164 100
162 100.2 83.8 125.6
160 44.5 37.4 56.0

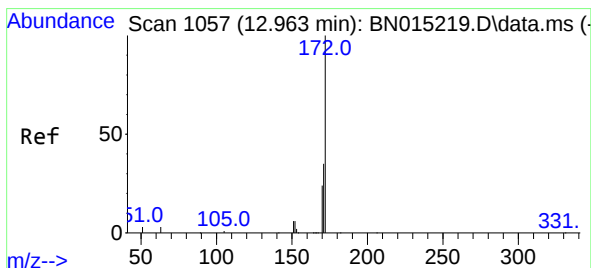
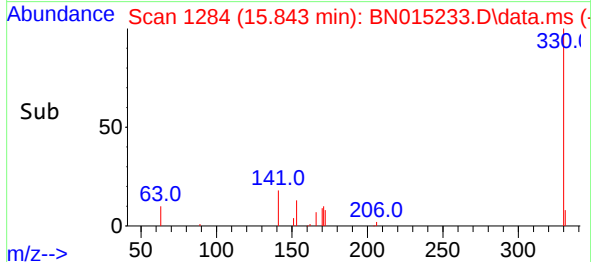
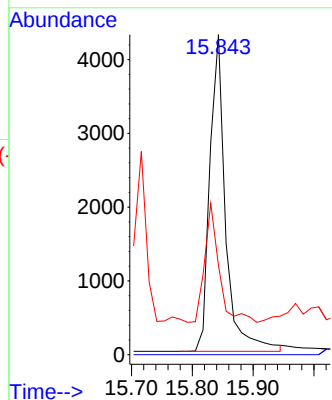
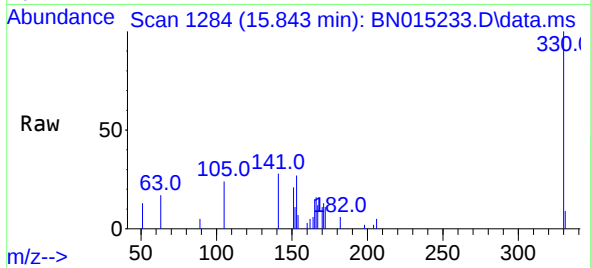




#14
2,4,6-Tribromophenol
Concen: 0.512 ng
RT: 15.843 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BN015233.D
Acq: 30 Jun 2021 21:39

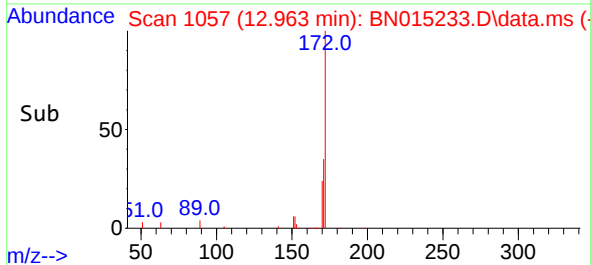
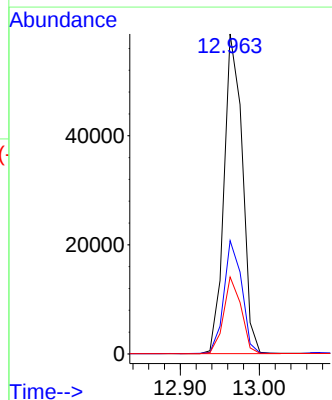
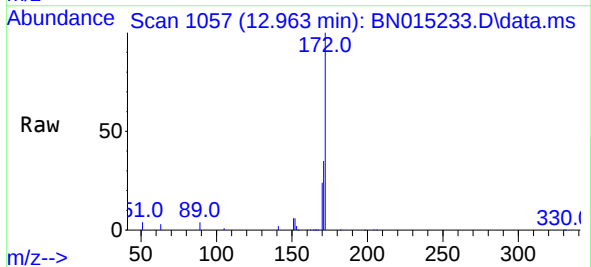
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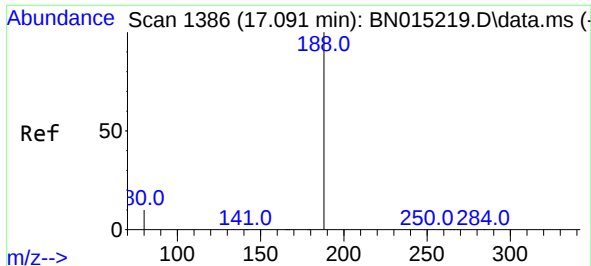
Tgt Ion: 330 Resp: 7735
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 34.2 22.4 33.6#



#15
2-Fluorobiphenyl
Concen: 0.413 ng
RT: 12.963 min Scan# 1057
Delta R.T. 0.000 min
Lab File: BN015233.D
Acq: 30 Jun 2021 21:39

Tgt Ion: 172 Resp: 94640
Ion Ratio Lower Upper
172 100
171 35.4 30.6 45.8
170 24.1 20.2 30.4

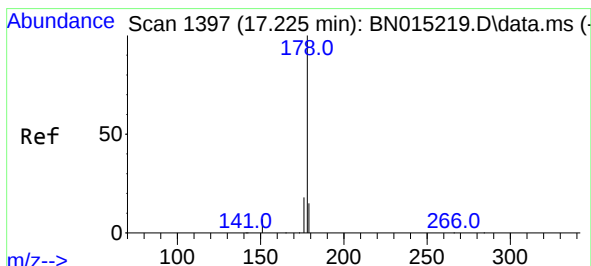
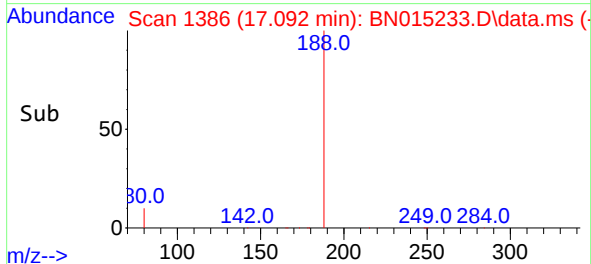
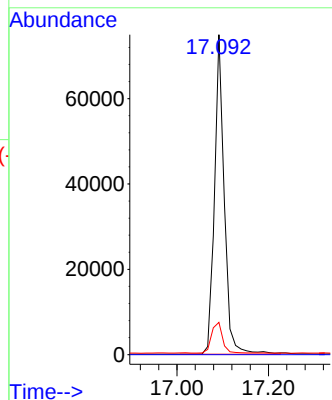
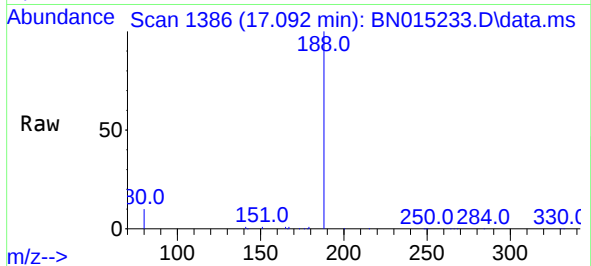




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.092 min Scan# 1386
Delta R.T. 0.000 min
Lab File: BN015233.D
Acq: 30 Jun 2021 21:39

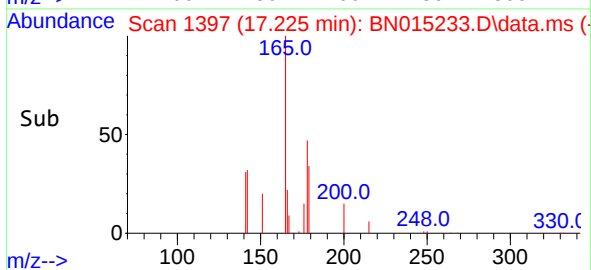
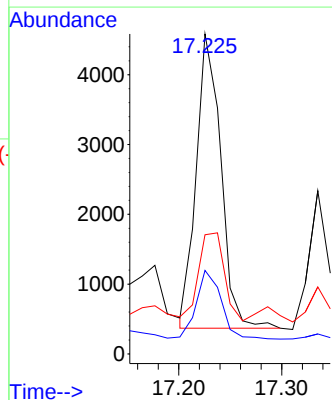
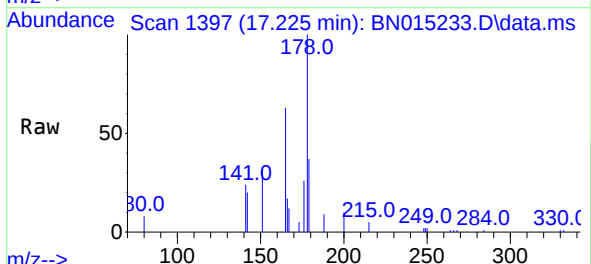
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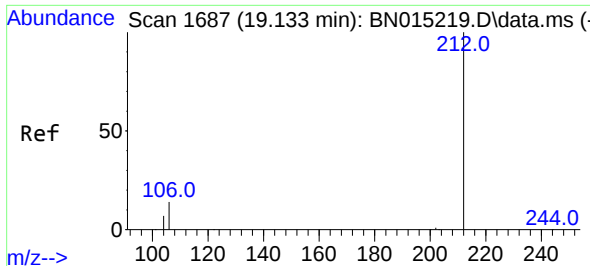
Tgt Ion:188 Resp: 110929
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.1 9.0 13.4



#26
Anthracene
Concen: 0.023 ng
RT: 17.225 min Scan# 1397
Delta R.T. 0.000 min
Lab File: BN015233.D
Acq: 30 Jun 2021 21:39

Tgt Ion:178 Resp: 7013
Ion Ratio Lower Upper
178 100
176 23.7 15.1 22.7#
179 30.9 12.2 18.2#

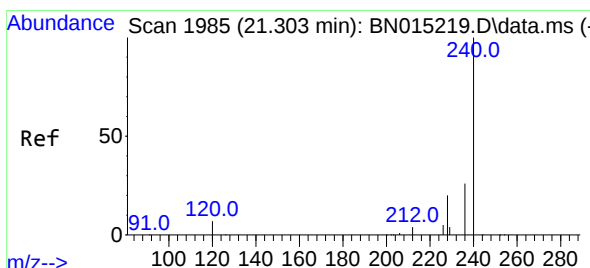
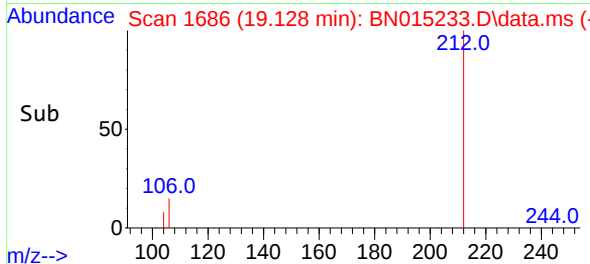
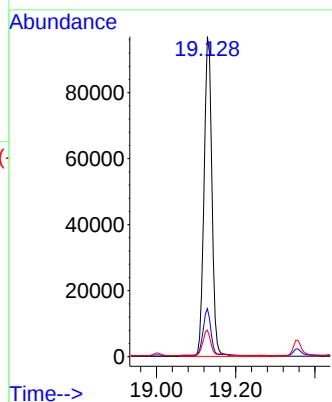
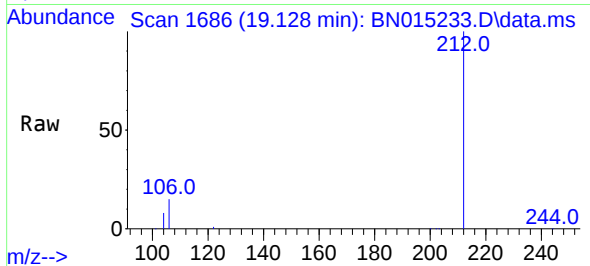




#27
Fluoranthene-d10
Concen: 0.407 ng
RT: 19.128 min Scan# 1686
Delta R.T. -0.005 min
Lab File: BN015233.D
Acq: 30 Jun 2021 21:39

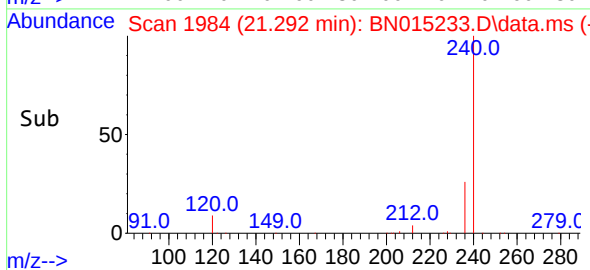
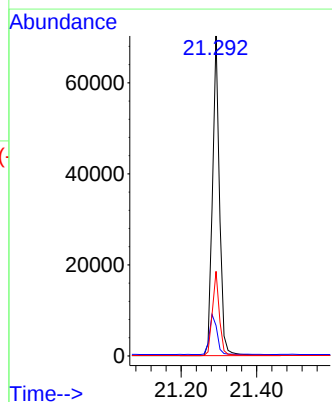
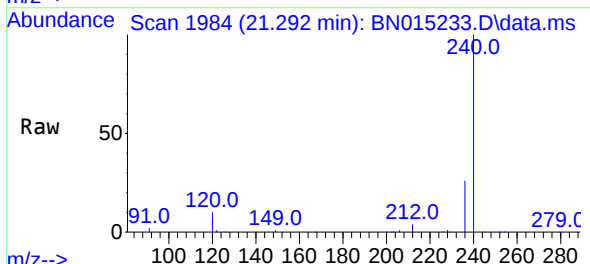
Instrument :
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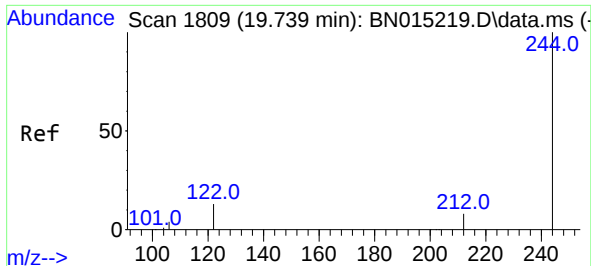
Tgt Ion:212 Resp: 133453
Ion Ratio Lower Upper
212 100
106 14.3 7.0 10.6#
104 8.1 4.1 6.1#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.292 min Scan# 1984
Delta R.T. -0.011 min
Lab File: BN015233.D
Acq: 30 Jun 2021 21:39

Tgt Ion:240 Resp: 91084
Ion Ratio Lower Upper
240 100
120 9.5 4.2 6.4#
236 26.5 21.4 32.2

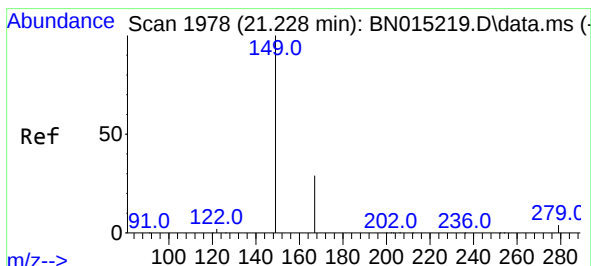
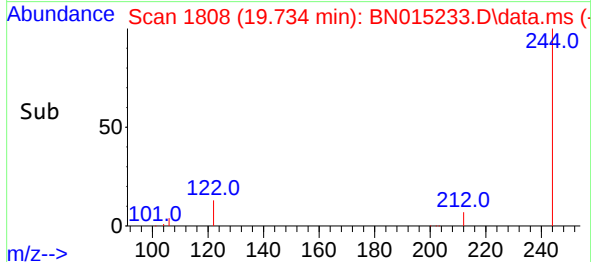
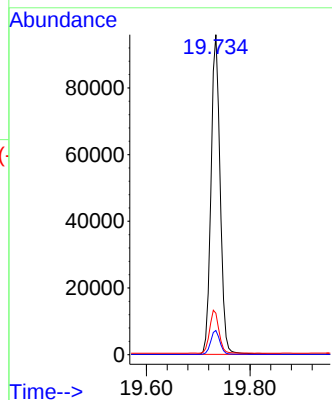
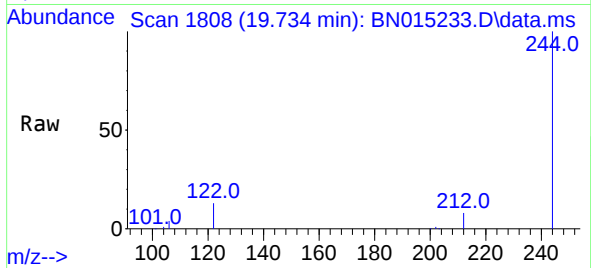




#31
Terphenyl-d14
Concen: 0.553 ng
RT: 19.734 min Scan# 1808
Delta R.T. -0.005 min
Lab File: BN015233.D
Acq: 30 Jun 2021 21:39

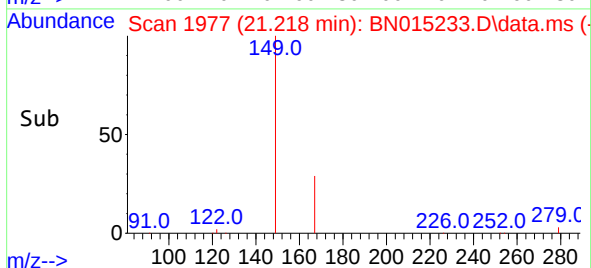
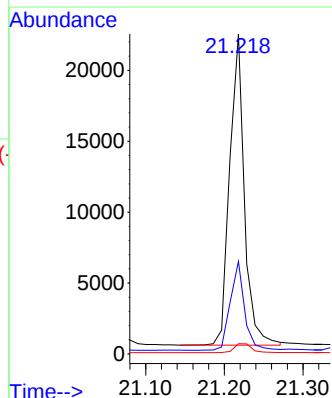
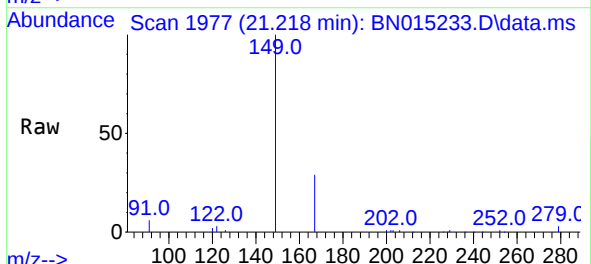
Instrument :
BNA_N
ClientSampleId :
FB03-20210619

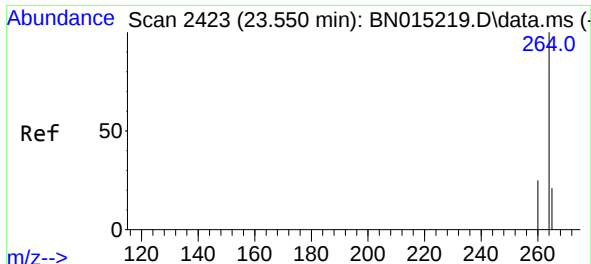
Tgt Ion:244 Resp: 117859
Ion Ratio Lower Upper
244 100
212 7.6 6.3 9.5
122 13.0 6.2 9.2#



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.278 ng
RT: 21.218 min Scan# 1977
Delta R.T. -0.011 min
Lab File: BN015233.D
Acq: 30 Jun 2021 21:39

Tgt Ion:149 Resp: 28514
Ion Ratio Lower Upper
149 100
167 27.8 28.9 43.3#
279 3.5 4.9 7.3#

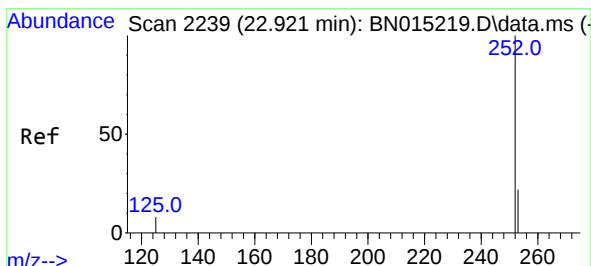
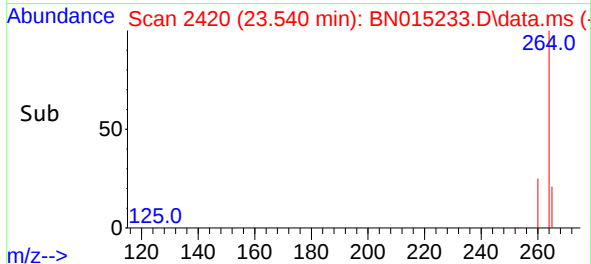
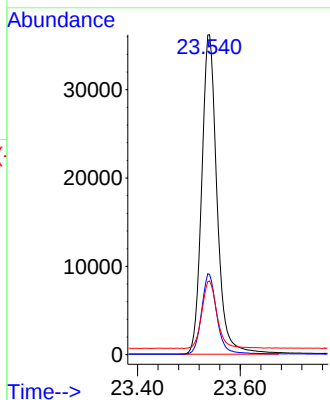
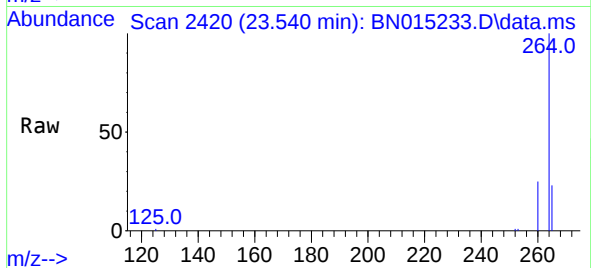




#35
Perylene-d12
Concen: 0.400 ng
RT: 23.540 min Scan# 2420
Delta R.T. -0.010 min
Lab File: BN015233.D
Acq: 30 Jun 2021 21:39

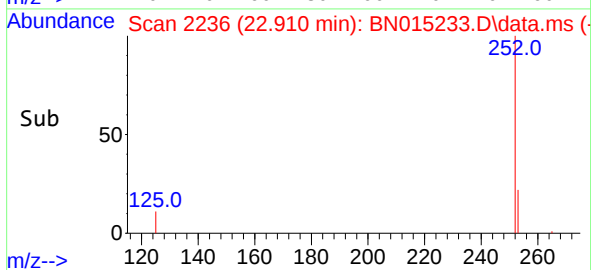
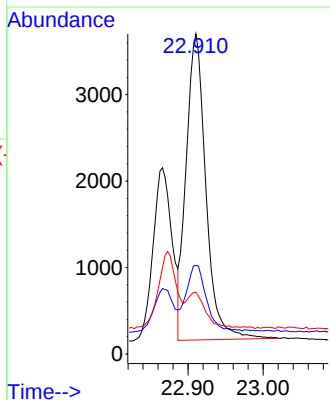
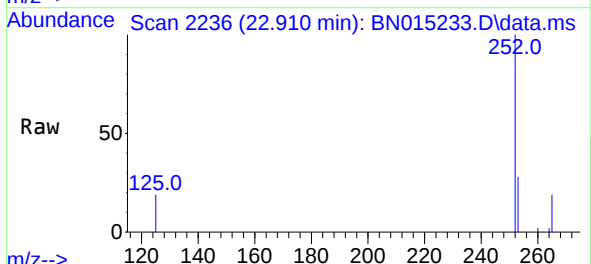
Instrument :
BNA_N
ClientSampleId :
FB03-20210619

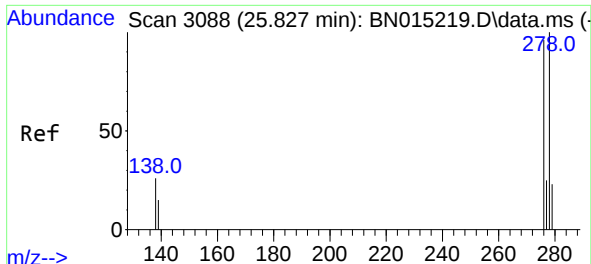
Tgt Ion:264 Resp: 74798
Ion Ratio Lower Upper
264 100
260 25.1 20.6 31.0
265 23.0 21.4 32.2



#38
Benzo(k)fluoranthene
Concen: 0.021 ng
RT: 22.910 min Scan# 2236
Delta R.T. -0.010 min
Lab File: BN015233.D
Acq: 30 Jun 2021 21:39

Tgt Ion:252 Resp: 6459
Ion Ratio Lower Upper
252 100
253 27.7 19.1 28.7
125 19.3 5.4 8.0#

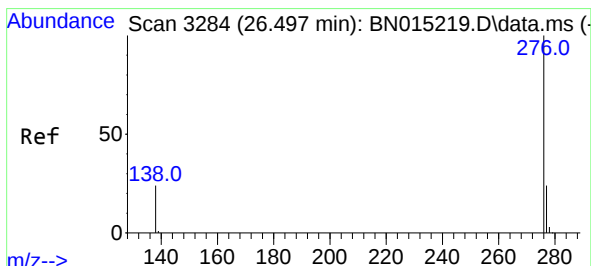
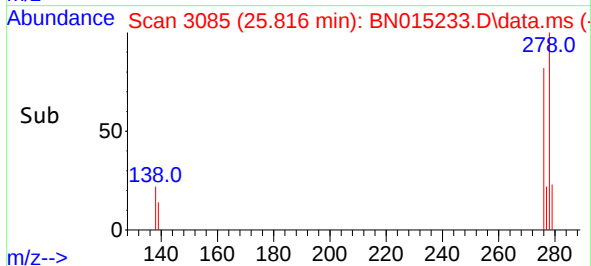
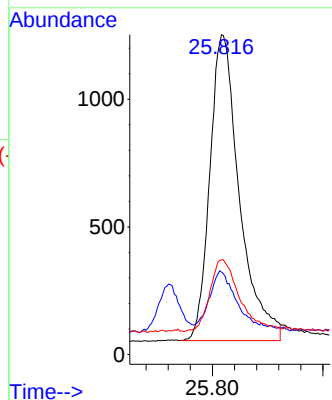
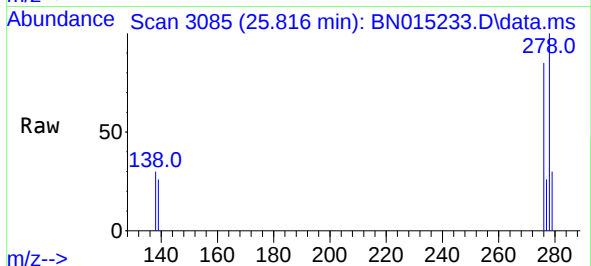




#40
Dibenzo(a,h)anthracene
Concen: 0.021 ng
RT: 25.816 min Scan# 3085
Delta R.T. -0.010 min
Lab File: BN015233.D
Acq: 30 Jun 2021 21:39

Instrument :
BNA_N
ClientSampleId :
FB03-20210619

Tgt Ion:278 Resp: 4459
Ion Ratio Lower Upper
278 100
139 25.8 9.0 13.4#
279 29.6 21.0 31.4



#41
Benzo(g,h,i)perylene
Concen: 0.022 ng
RT: 26.484 min Scan# 3280
Delta R.T. -0.014 min
Lab File: BN015233.D
Acq: 30 Jun 2021 21:39

Tgt Ion:276 Resp: 5020
Ion Ratio Lower Upper
276 100
277 27.3 19.7 29.5
138 28.5 9.8 14.6#

