

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070121\
 Data File : BN015287.D
 Acq On : 02 Jul 2021 08:32
 Operator : CG/JU
 Sample : M2838-22
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP10-20210622

Quant Time: Jul 02 09:17:56 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN063021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 01 09:06:31 2021
 Response via : Initial Calibration

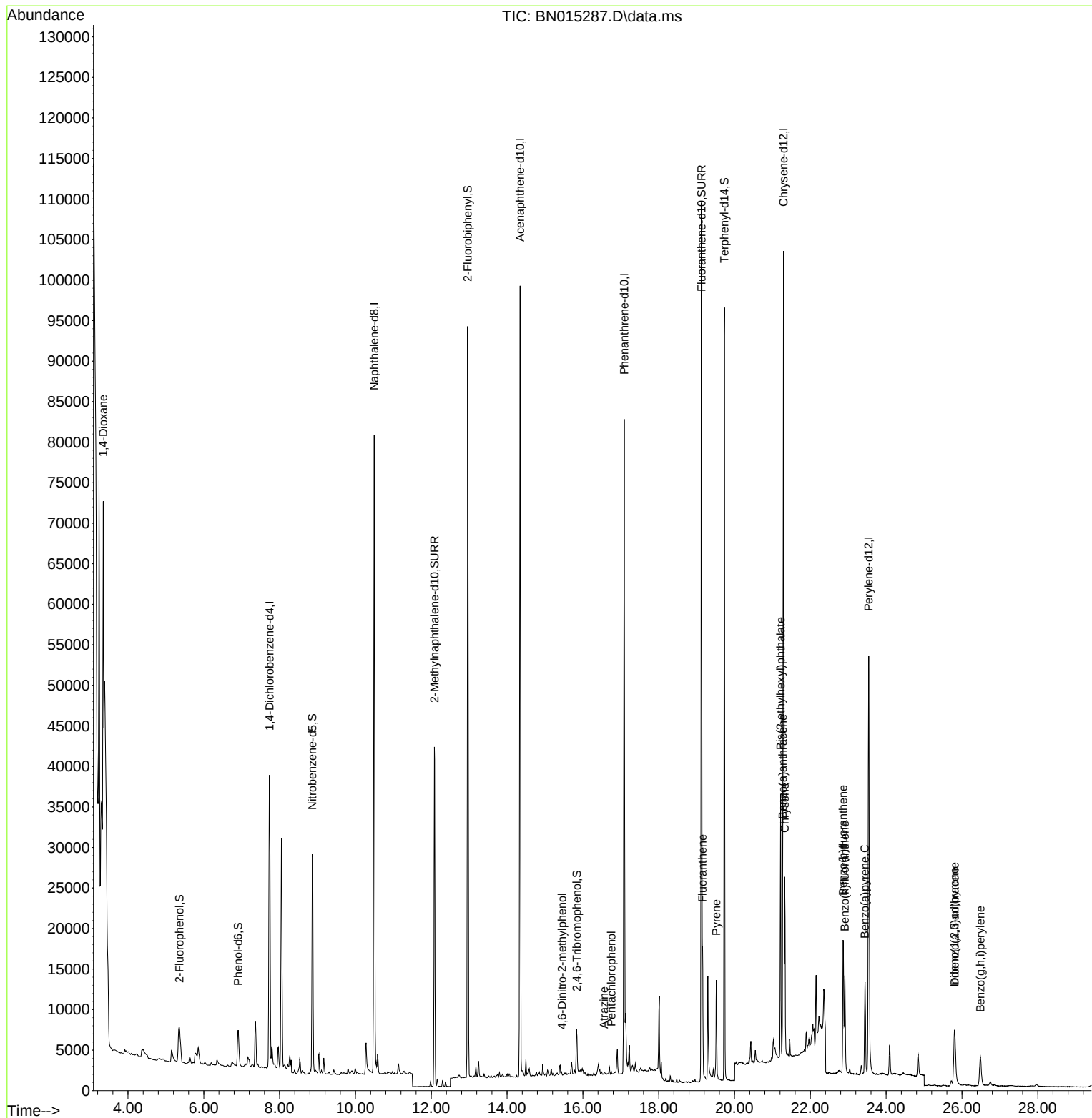
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.734	152	22753	0.40	ng	# 0.00
7) Naphthalene-d8	10.495	136	103531	0.40	ng	0.00
13) Acenaphthene-d10	14.345	164	55183	0.40	ng	0.00
19) Phenanthrene-d10	17.090	188	108060	0.40	ng	0.00
29) Chrysene-d12	21.291	240	86502	0.40	ng	#-0.01
35) Perylene-d12	23.539	264	71657	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.356	112	7717	0.13	ng	0.00
5) Phenol-d6	6.905	99	5343	0.07	ng	0.00
8) Nitrobenzene-d5	8.860	82	25745	0.44	ng	0.00
11) 2-Methylnaphthalene-d10	12.083	152	55720	0.32	ng	0.00
14) 2,4,6-Tribromophenol	15.842	330	5023	0.43	ng	0.00
15) 2-Fluorobiphenyl	12.962	172	77682	0.35	ng	0.00
27) Fluoranthene-d10	19.127	212	121272	0.38	ng	0.00
31) Terphenyl-d14	19.733	244	92995	0.46	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.345	88	28872	2.71	ng	# 61
20) 4,6-Dinitro-2-methylph...	15.449	198	14	0.20	ng	# 1
23) Atrazine	16.555	200	44	0.17	ng	# 29
24) Pentachlorophenol	16.750	266	174	0.26	ng	94
28) Fluoranthene	19.157	202	12821	0.03	ng	# 92
30) Pyrene	19.519	202	11232	0.03	ng	96
32) Benzo(a)anthracene	21.270	228	19774	0.07	ng	99
33) Chrysene	21.323	228	18741	0.06	ng	99
34) Bis(2-ethylhexyl)phtha...	21.217	149	29411	0.43	ng	# 86
36) Indeno(1,2,3-cd)pyrene	25.798	276	10159	0.04	ng	# 88
37) Benzo(b)fluoranthene	22.865	252	18279	0.07	ng	# 69
38) Benzo(k)fluoranthene	22.909	252	16772	0.06	ng	# 90
39) Benzo(a)pyrene	23.440	252	11717	0.05	ng	# 34
40) Dibenzo(a,h)anthracene	25.808	278	7414	0.04	ng	# 87
41) Benzo(g,h,i)perylene	26.486	276	8531	0.04	ng	# 85

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

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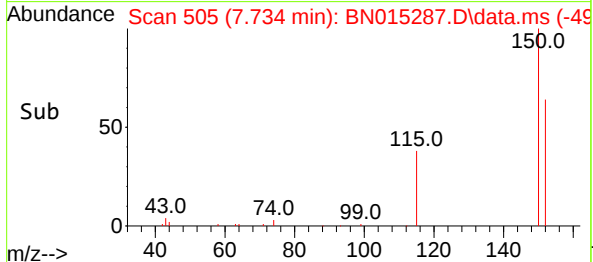
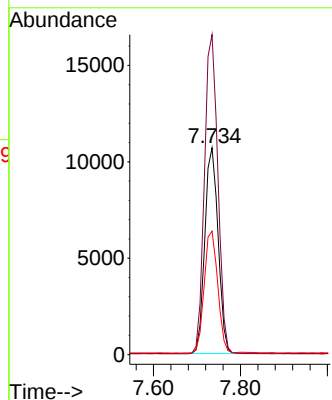
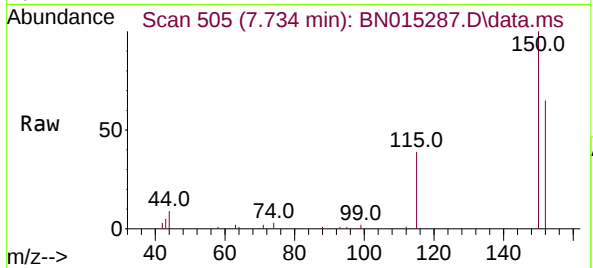




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.734 min Scan# 505
 Delta R.T. 0.002 min
 Lab File: BN015287.D
 Acq: 02 Jul 2021 08:32

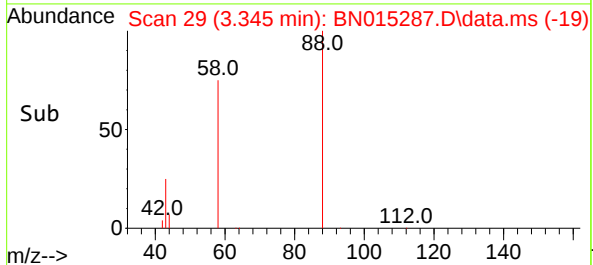
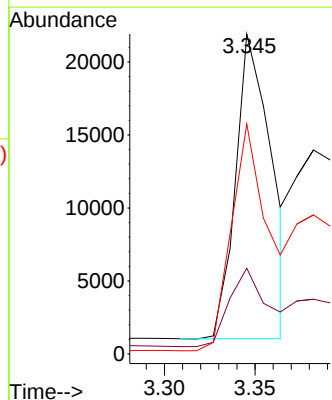
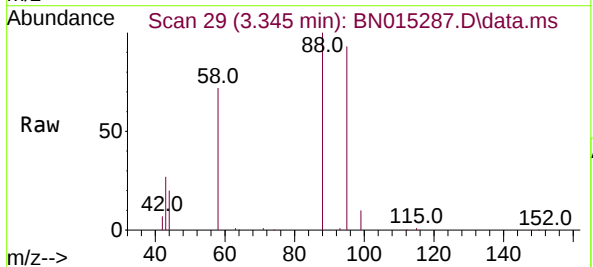
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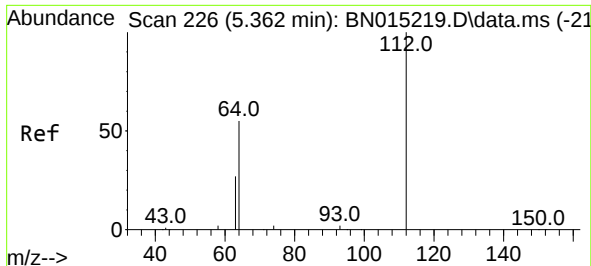
Tgt Ion:152 Resp: 22753
 Ion Ratio Lower Upper
 152 100
 150 154.7 119.0 178.6
 115 59.7 62.2 93.4#



#2
 1,4-Dioxane
 Concen: 2.71 ng
 RT: 3.345 min Scan# 29
 Delta R.T. -0.006 min
 Lab File: BN015287.D
 Acq: 02 Jul 2021 08:32

Tgt Ion: 88 Resp: 28872
 Ion Ratio Lower Upper
 88 100
 43 27.5 12.9 19.3#
 58 76.2 38.1 57.1#

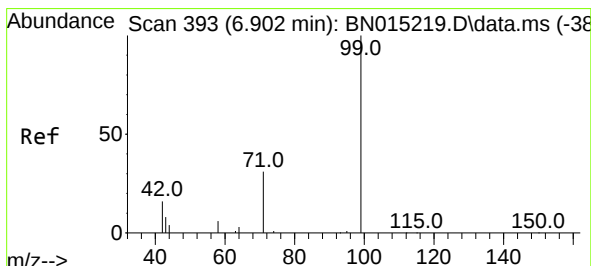
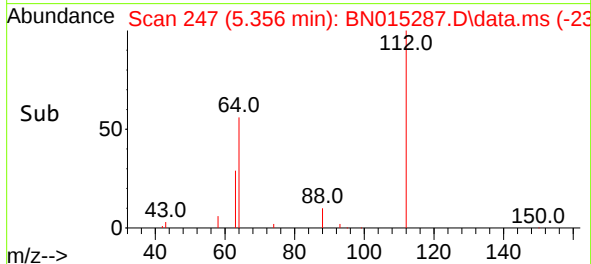
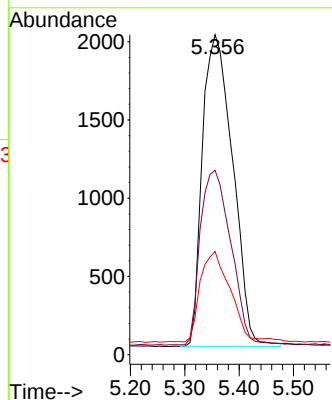
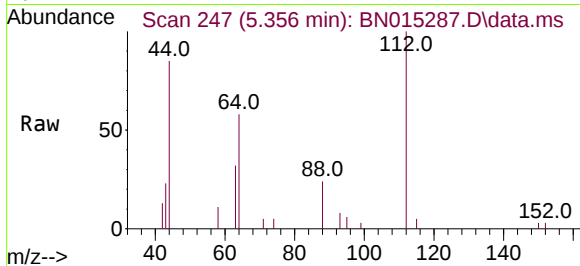




#4
2-Fluorophenol
Concen: 0.13 ng
RT: 5.356 min Scan# 247
Delta R.T. -0.006 min
Lab File: BN015287.D
Acq: 02 Jul 2021 08:32

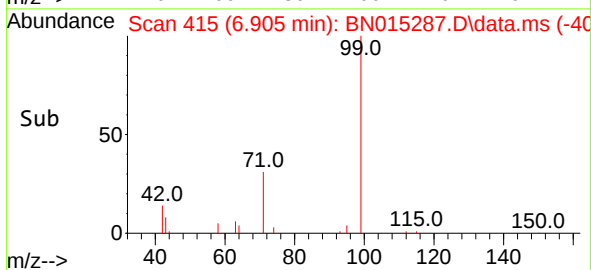
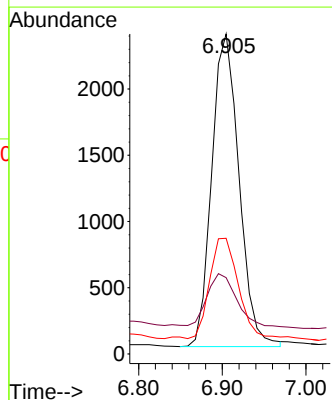
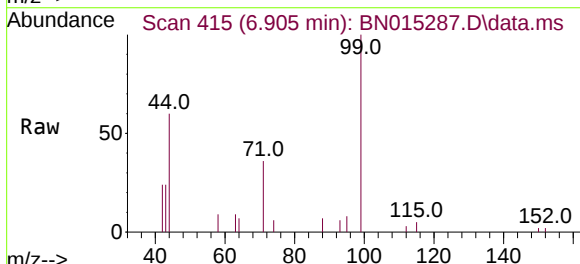
Instrument :
BNA_N
ClientSampleId :
DUP10-20210622

Tgt Ion: 112 Resp: 7717
Ion Ratio Lower Upper
112 100
64 56.3 39.0 58.6
63 28.8 20.6 30.8



#5
Phenol-d6
Concen: 0.07 ng
RT: 6.905 min Scan# 415
Delta R.T. 0.003 min
Lab File: BN015287.D
Acq: 02 Jul 2021 08:32

Tgt Ion: 99 Resp: 5343
Ion Ratio Lower Upper
99 100
42 18.0 8.9 13.3#
71 34.0 35.6 53.4#

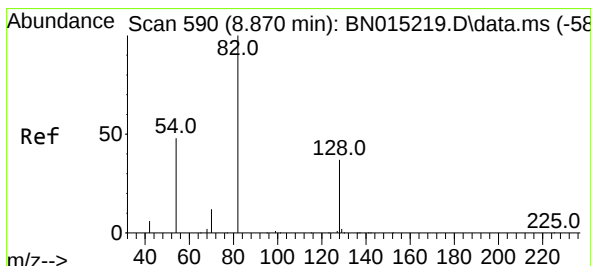
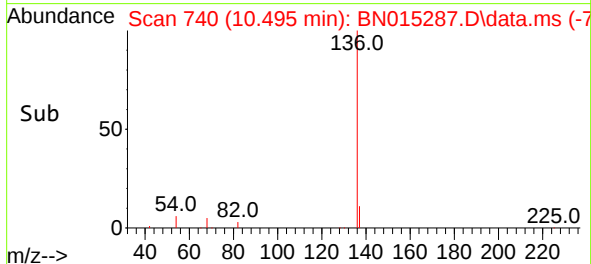
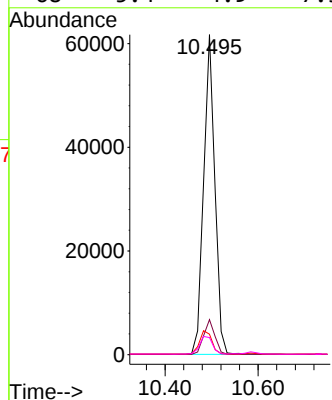
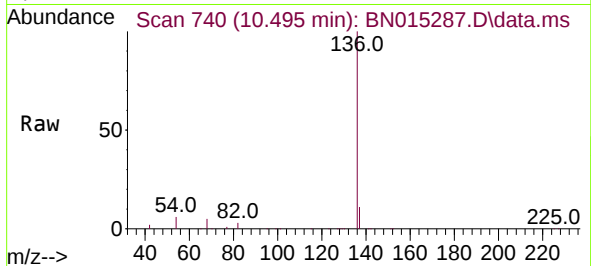




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.495 min Scan# 740
Delta R.T. 0.003 min
Lab File: BN015287.D
Acq: 02 Jul 2021 08:32

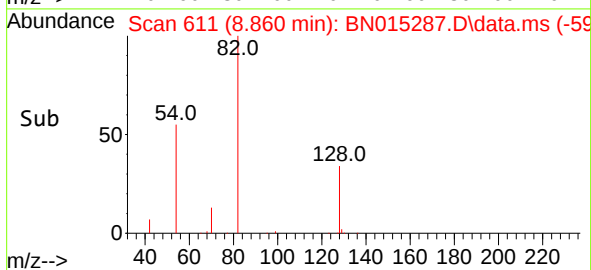
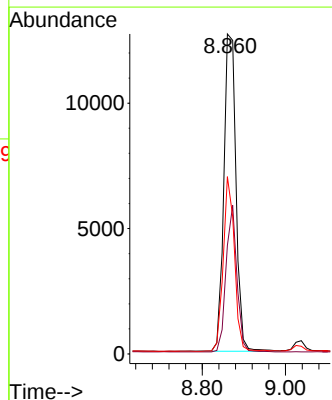
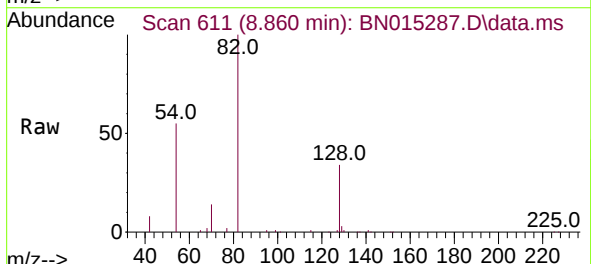
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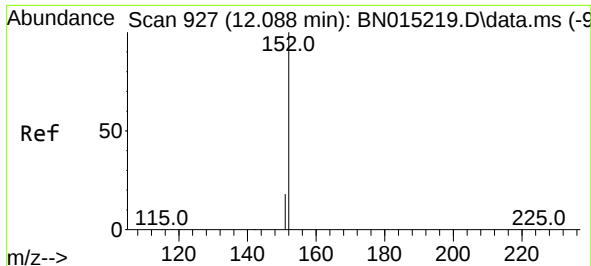
Tgt Ion:136	Resp:	103531
Ion Ratio	Lower	Upper
136	100	
137	11.0	9.8 14.8
54	6.4	5.4 8.2
68	5.4	4.9 7.3



#8
Nitrobenzene-d5
Concen: 0.44 ng
RT: 8.860 min Scan# 611
Delta R.T. -0.010 min
Lab File: BN015287.D
Acq: 02 Jul 2021 08:32

Tgt Ion: 82	Resp:	25745
Ion Ratio	Lower	Upper
82	100	
128	34.0	31.6 47.4
54	55.4	29.0 43.4

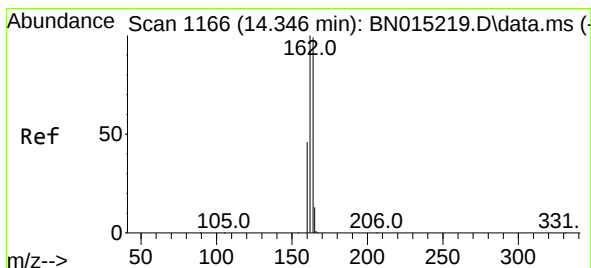
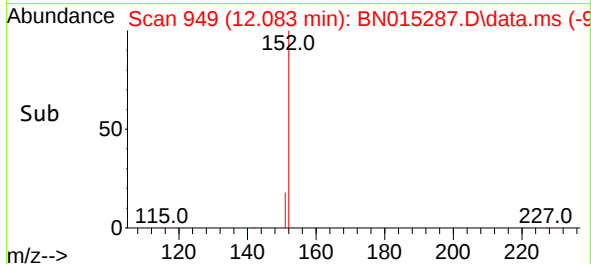
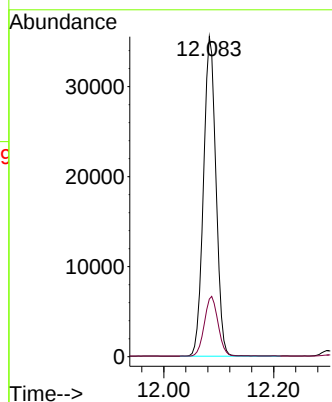
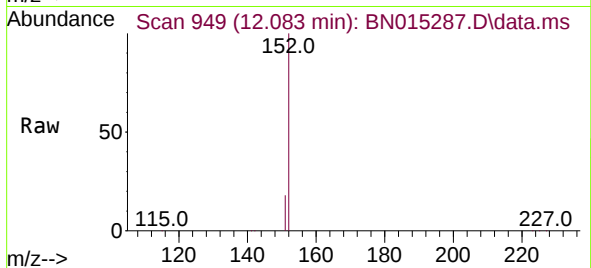




#11
2-Methylnaphthalene-d10
Concen: 0.32 ng
RT: 12.083 min Scan# 949
Delta R.T. -0.005 min
Lab File: BN015287.D
Acq: 02 Jul 2021 08:32

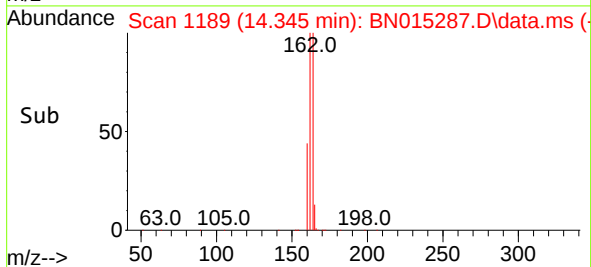
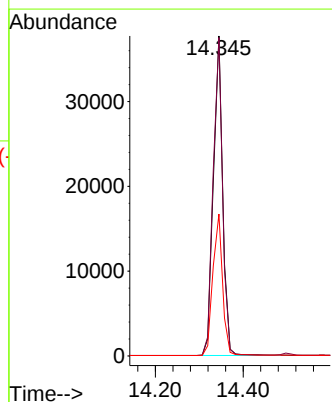
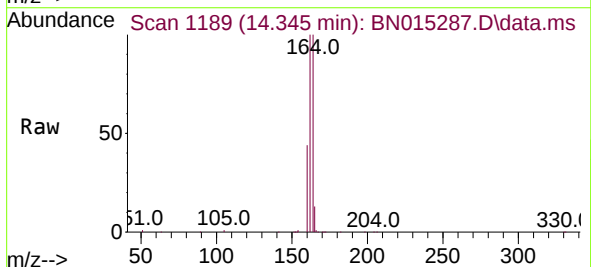
Instrument :
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Tgt Ion:152 Resp: 55720
Ion Ratio Lower Upper
152 100
151 20.5 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.345 min Scan# 1189
Delta R.T. -0.001 min
Lab File: BN015287.D
Acq: 02 Jul 2021 08:32

Tgt Ion:164 Resp: 55183
Ion Ratio Lower Upper
164 100
162 99.5 83.8 125.6
160 44.3 37.4 56.0

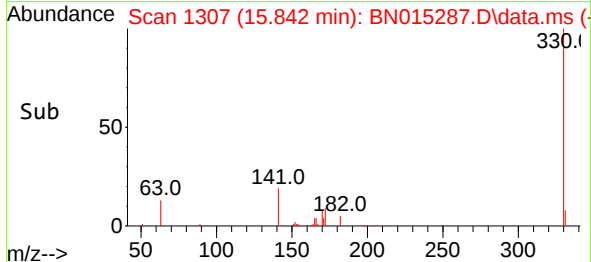
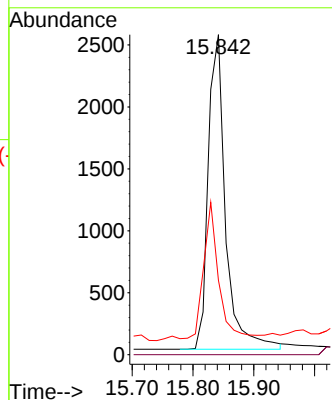
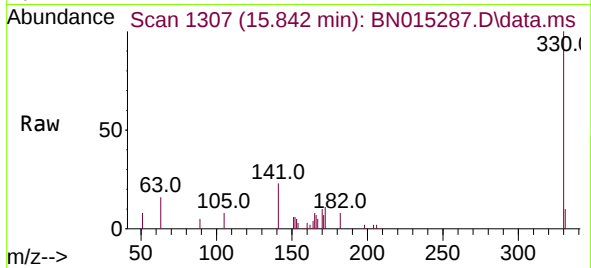




#14
2,4,6-Tribromophenol
Concen: 0.43 ng
RT: 15.842 min Scan# 1307
Delta R.T. -0.001 min
Lab File: BN015287.D
Acq: 02 Jul 2021 08:32

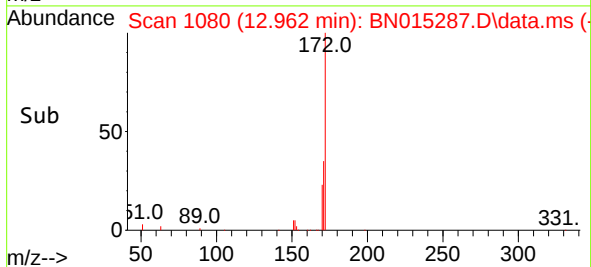
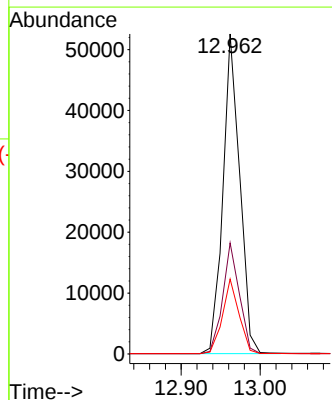
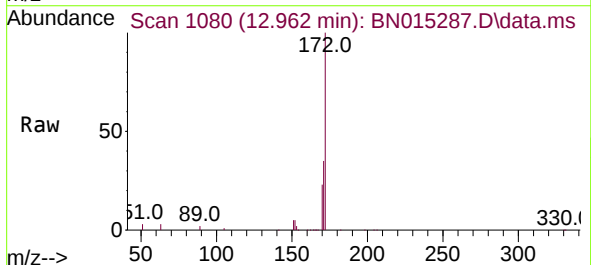
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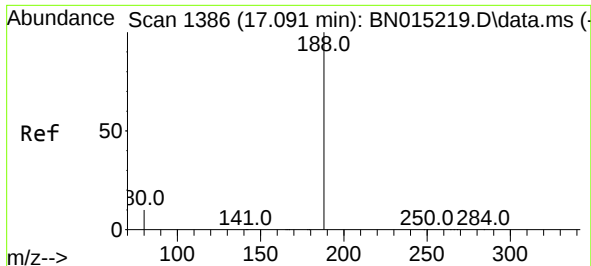
Tgt Ion:330 Resp: 5023
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 37.5 22.4 33.6#



#15
2-Fluorobiphenyl
Concen: 0.35 ng
RT: 12.962 min Scan# 1080
Delta R.T. -0.001 min
Lab File: BN015287.D
Acq: 02 Jul 2021 08:32

Tgt Ion:172 Resp: 77682
Ion Ratio Lower Upper
172 100
171 34.7 30.6 45.8
170 23.4 20.2 30.4

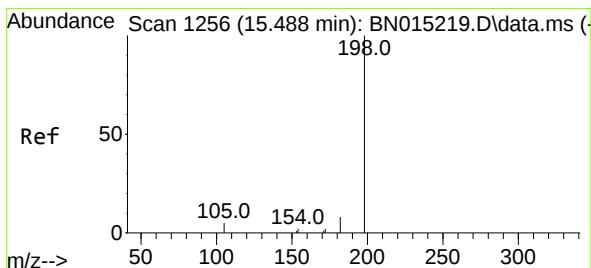
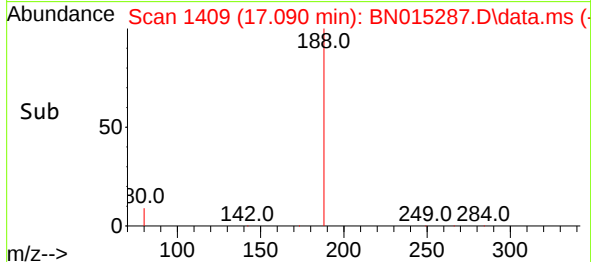
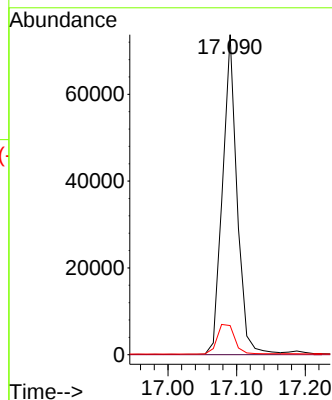
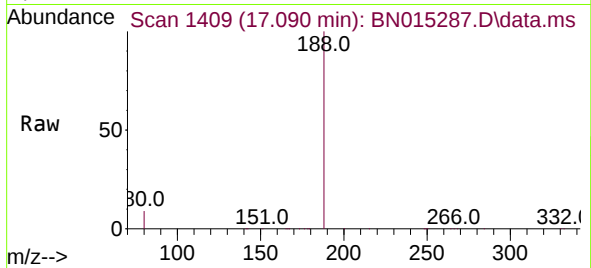




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.090 min Scan# 1409
Delta R.T. -0.001 min
Lab File: BN015287.D
Acq: 02 Jul 2021 08:32

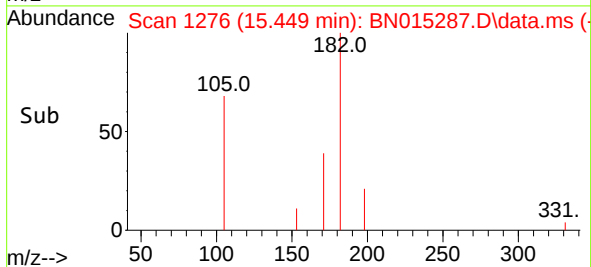
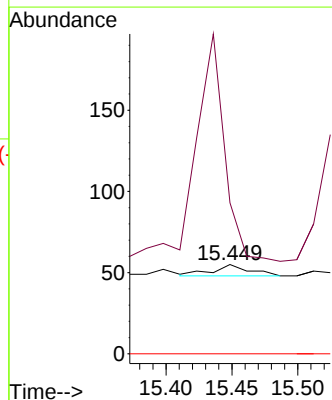
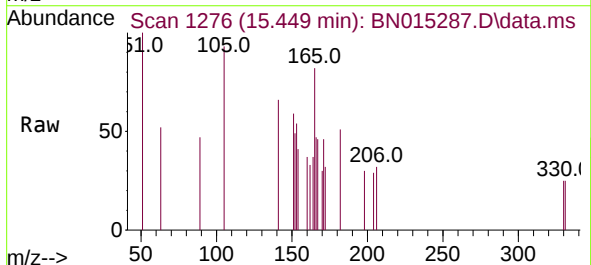
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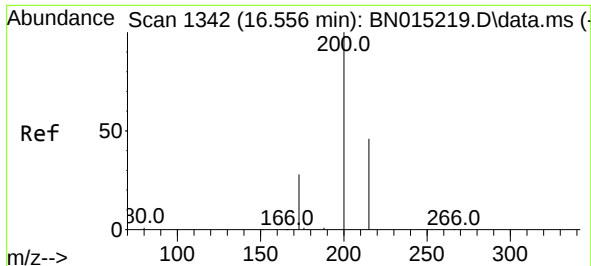
Tgt Ion:188 Resp: 108060
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.1 9.0 13.4



#20
4,6-Dinitro-2-methylphenol
Concen: 0.20 ng
RT: 15.449 min Scan# 1276
Delta R.T. -0.039 min
Lab File: BN015287.D
Acq: 02 Jul 2021 08:32

Tgt Ion:198 Resp: 14
Ion Ratio Lower Upper
198 100
182 169.1 34.5 51.7#
77 0.0 0.0 0.0

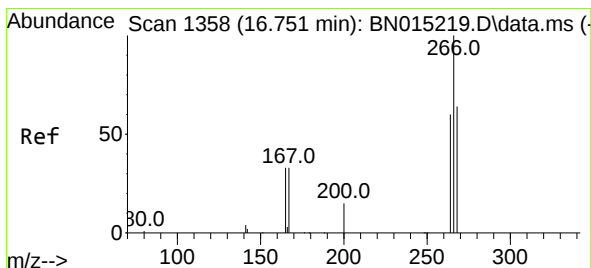
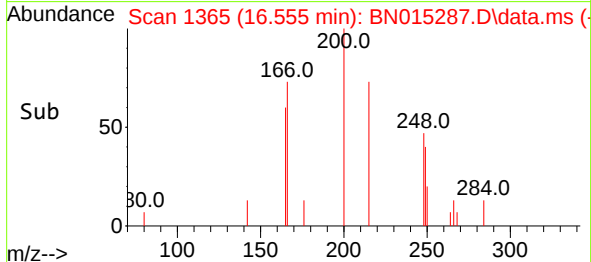
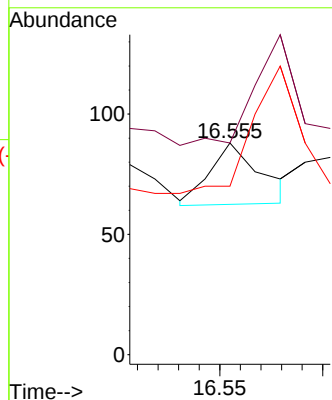
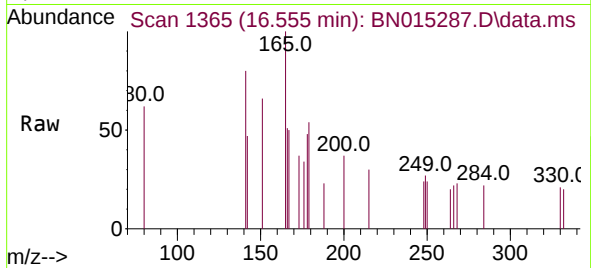




#23
Atrazine
Concen: 0.17 ng
RT: 16.555 min Scan# 1365
Delta R.T. -0.001 min
Lab File: BN015287.D
Acq: 02 Jul 2021 08:32

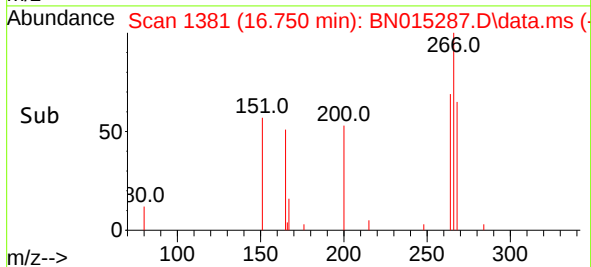
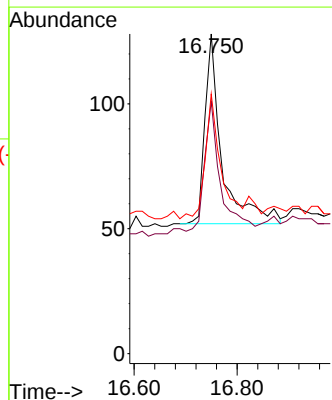
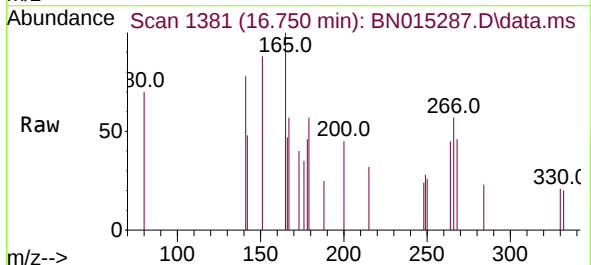
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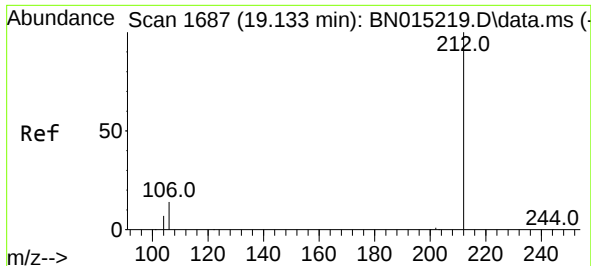
Tgt Ion:200 Resp: 44
Ion Ratio Lower Upper
200 100
173 100.0 21.7 32.5#
215 79.5 43.1 64.7#



#24
Pentachlorophenol
Concen: 0.26 ng
RT: 16.750 min Scan# 1381
Delta R.T. -0.001 min
Lab File: BN015287.D
Acq: 02 Jul 2021 08:32

Tgt Ion:266 Resp: 174
Ion Ratio Lower Upper
266 100
264 58.0 51.0 76.4
268 59.2 50.6 76.0

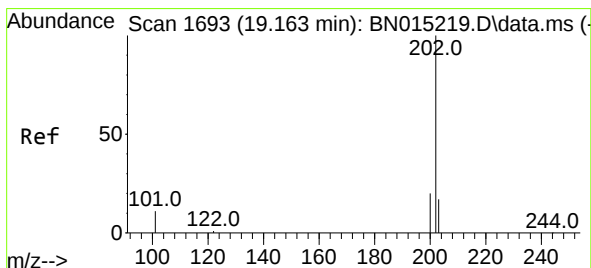
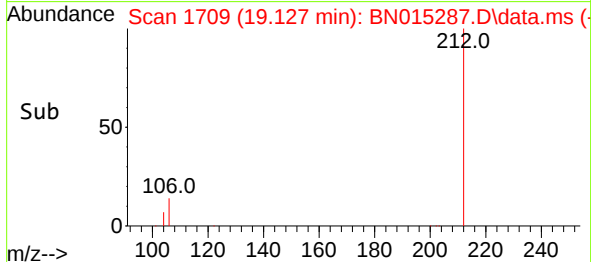
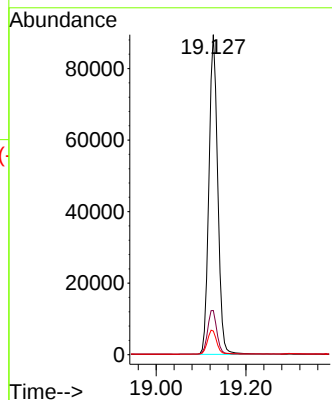
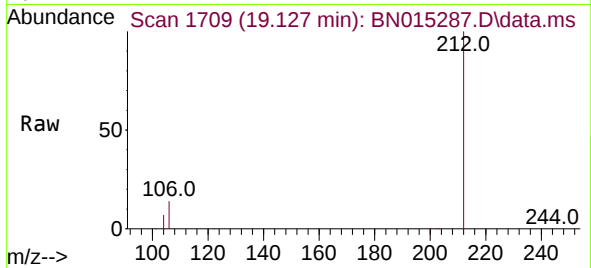




#27
Fluoranthene-d10
Concen: 0.38 ng
RT: 19.127 min Scan# 1709
Delta R.T. -0.006 min
Lab File: BN015287.D
Acq: 02 Jul 2021 08:32

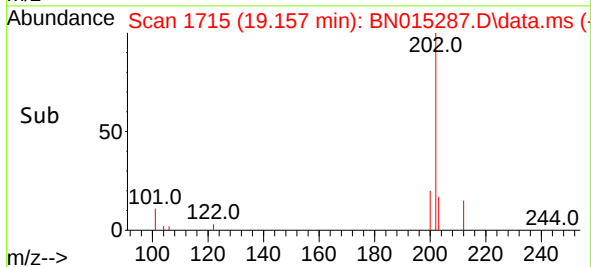
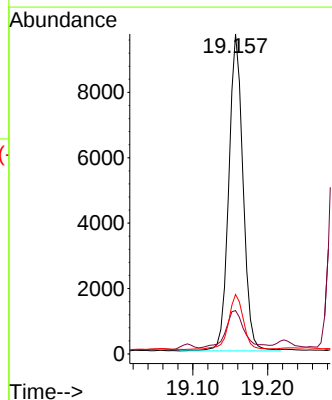
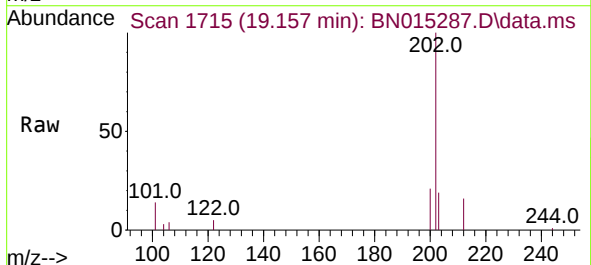
Instrument :
BNA_N
ClientSampleId :
DUP10-20210622

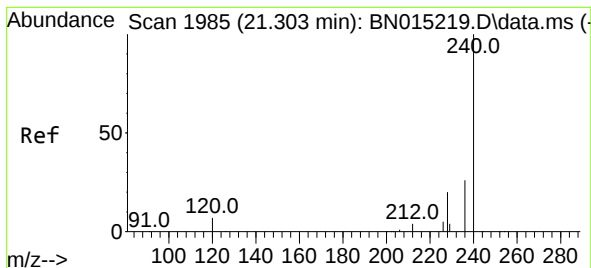
Tgt Ion:212 Resp: 121272
Ion Ratio Lower Upper
212 100
106 14.4 7.0 10.6#
104 8.0 4.1 6.1#



#28
Fluoranthene
Concen: 0.03 ng
RT: 19.157 min Scan# 1715
Delta R.T. -0.006 min
Lab File: BN015287.D
Acq: 02 Jul 2021 08:32

Tgt Ion:202 Resp: 12821
Ion Ratio Lower Upper
202 100
101 15.3 6.6 10.0#
203 18.3 13.9 20.9





#29

Chrysene-d12

Concen: 0.40 ng

RT: 21.291 min Scan# 2007

Delta R.T. -0.012 min

Lab File: BN015287.D

Acq: 02 Jul 2021 08:32

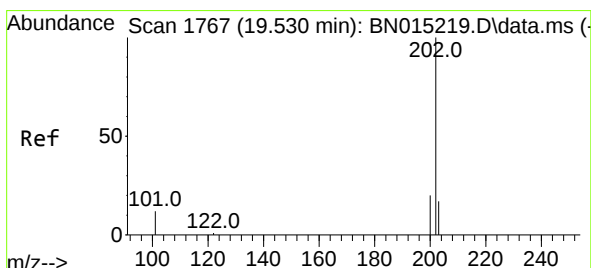
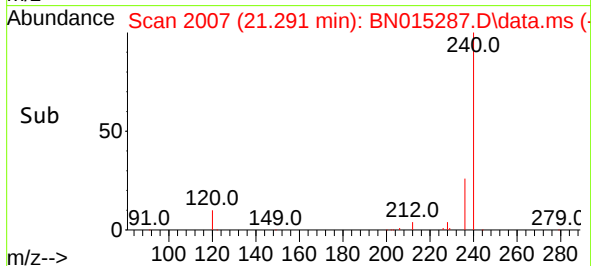
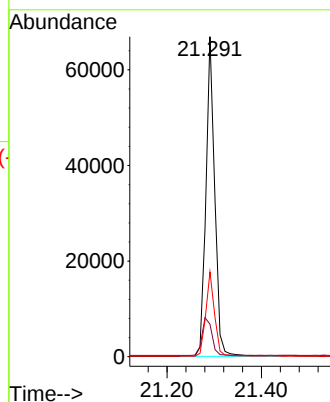
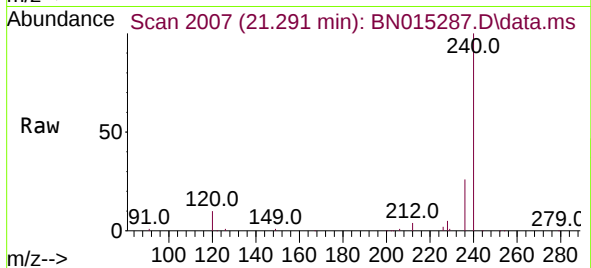
Tgt Ion:240	Resp:	86502
Ion Ratio	Lower	Upper
240	100	
120	10.2	4.2 6.4#
236	26.5	21.4 32.2

Instrument :

BNA_N

ClientSampleId :

DUP10-20210622



#30

Pyrene

Concen: 0.03 ng

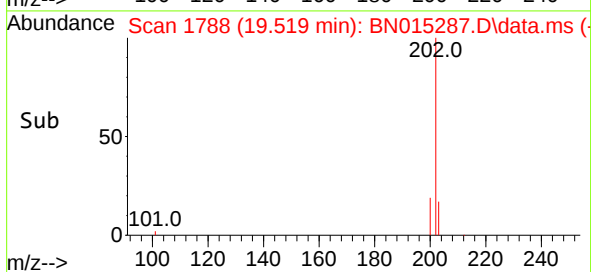
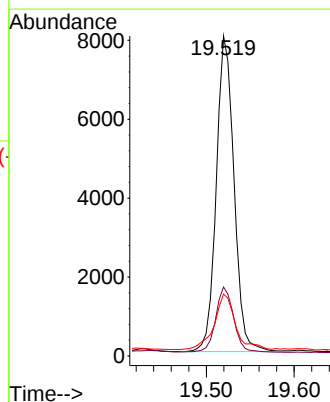
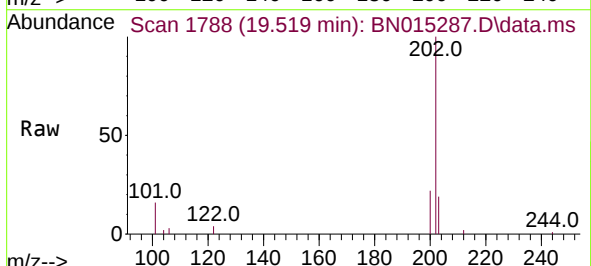
RT: 19.519 min Scan# 1788

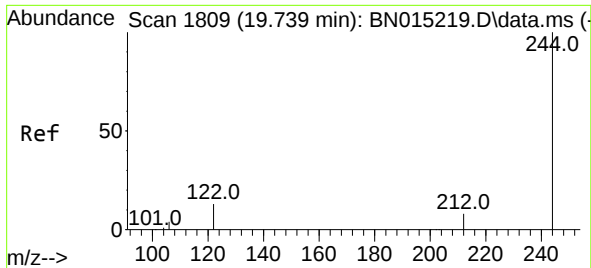
Delta R.T. -0.011 min

Lab File: BN015287.D

Acq: 02 Jul 2021 08:32

Tgt Ion:202	Resp:	11232
Ion Ratio	Lower	Upper
202	100	
200	20.9	16.9 25.3
203	20.9	13.9 20.9

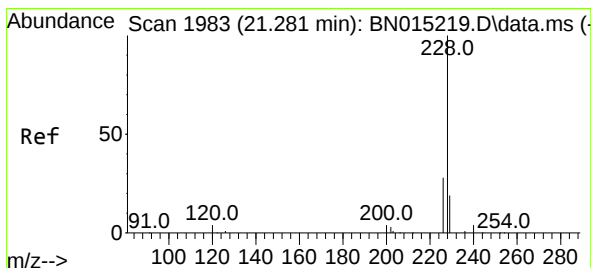
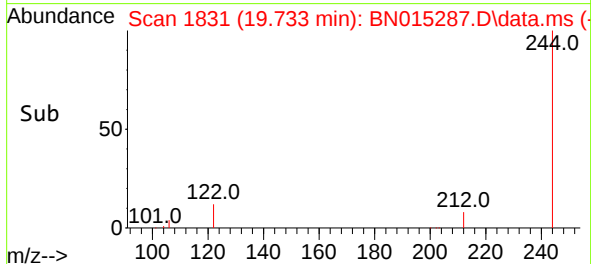
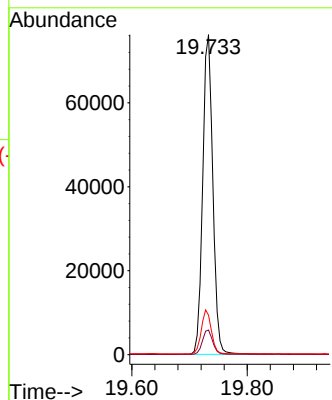
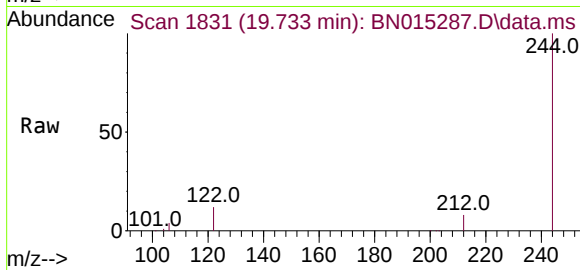




#31
Terphenyl-d14
Concen: 0.46 ng
RT: 19.733 min Scan# 1831
Delta R.T. -0.006 min
Lab File: BN015287.D
Acq: 02 Jul 2021 08:32

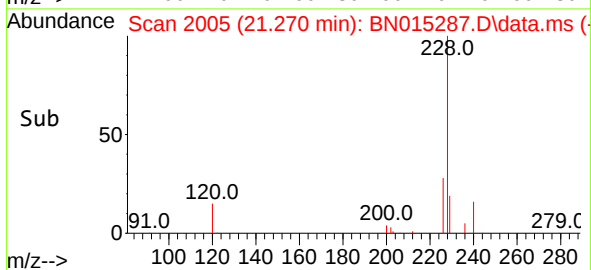
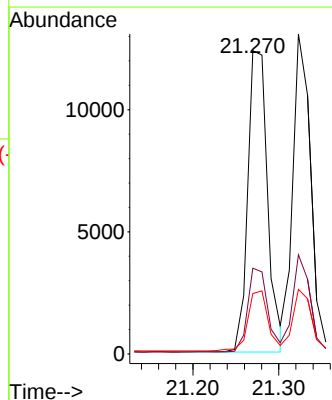
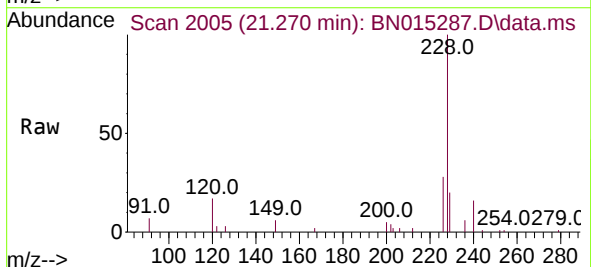
Instrument :
BNA_N
ClientSampleId :
DUP10-20210622

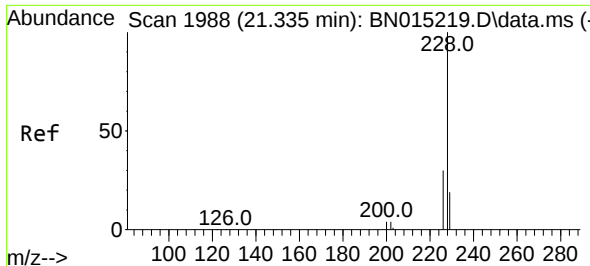
Tgt Ion:244 Resp: 92995
Ion Ratio Lower Upper
244 100
212 7.7 6.3 9.5
122 12.4 6.2 9.2#



#32
Benzo(a)anthracene
Concen: 0.07 ng
RT: 21.270 min Scan# 2005
Delta R.T. -0.011 min
Lab File: BN015287.D
Acq: 02 Jul 2021 08:32

Tgt Ion:228 Resp: 19774
Ion Ratio Lower Upper
228 100
226 28.3 23.0 34.6
229 20.0 15.7 23.5

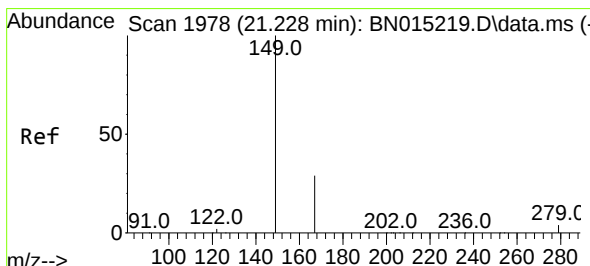
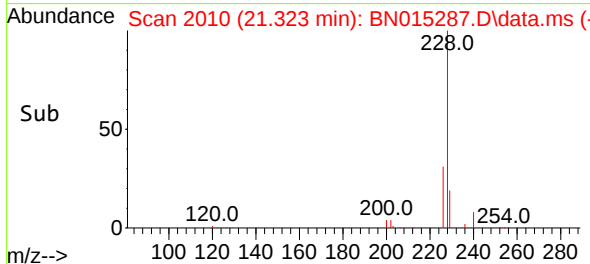
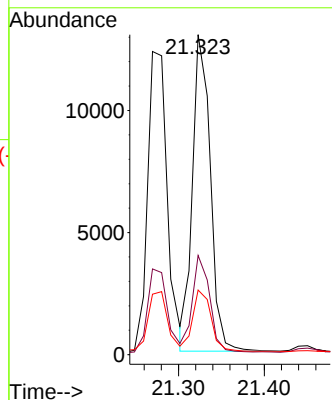
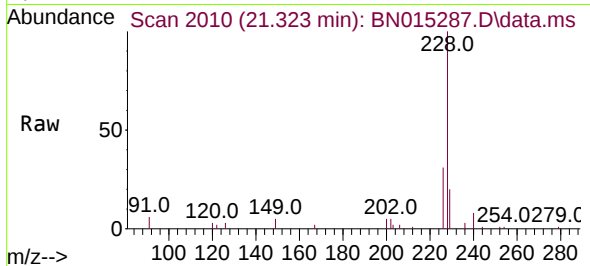




#33
Chrysene
Concen: 0.06 ng
RT: 21.323 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BN015287.D
Acq: 02 Jul 2021 08:32

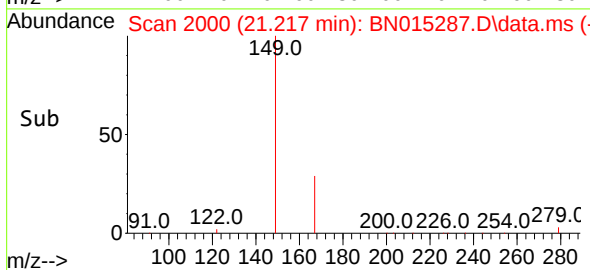
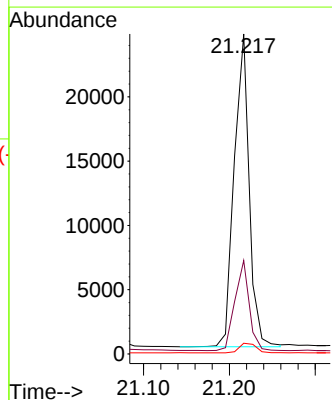
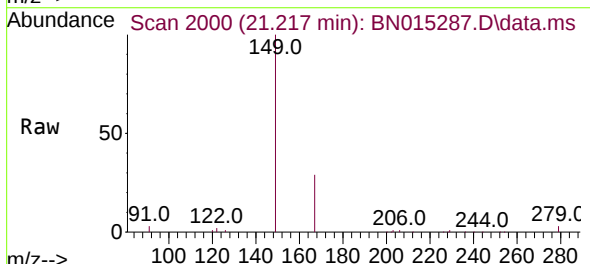
Instrument :
BNA_N
ClientSampleId :
DUP10-20210622

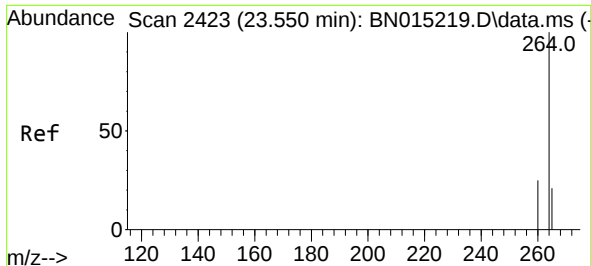
Tgt Ion:228	Resp:	18741
Ion Ratio	Lower	Upper
228	100	
226	31.0	25.0 37.6
229	20.2	15.9 23.9



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.43 ng
RT: 21.217 min Scan# 2000
Delta R.T. -0.011 min
Lab File: BN015287.D
Acq: 02 Jul 2021 08:32

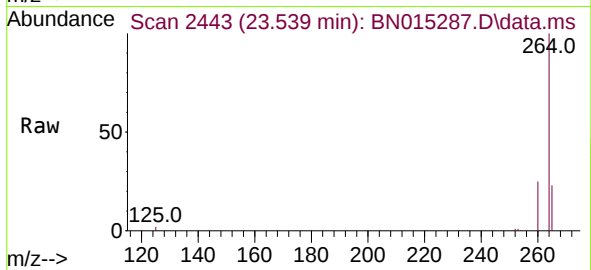
Tgt Ion:149	Resp:	29411
Ion Ratio	Lower	Upper
149	100	
167	27.6	28.9 43.3#
279	3.5	4.9 7.3#





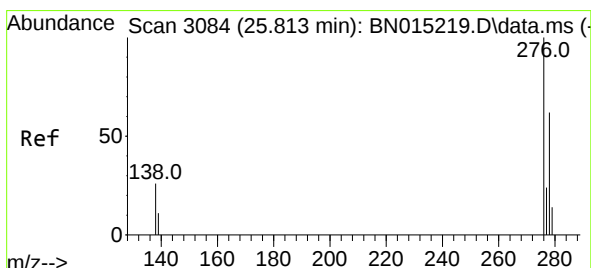
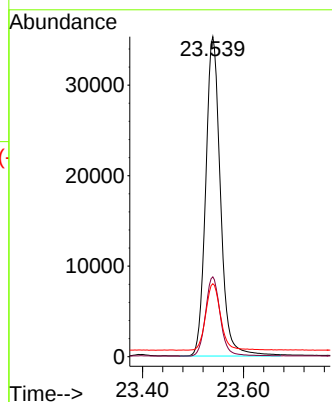
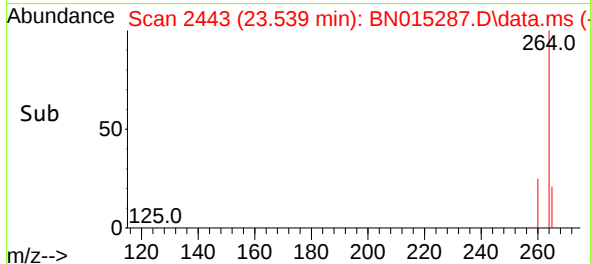
#35
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.539 min Scan# 2443
 Delta R.T. -0.011 min
 Lab File: BN015287.D
 Acq: 02 Jul 2021 08:32

Instrument :
 BNA_N
 ClientSampleId :
 DUP10-20210622

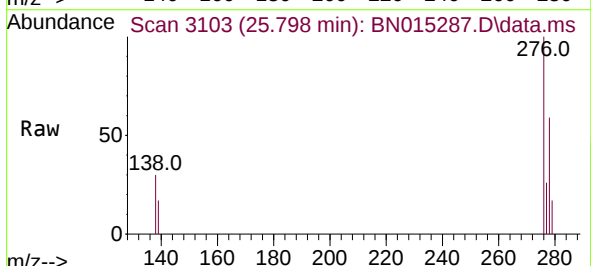


Tgt Ion:264 Resp: 71657

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.6	31.0
265	22.8	21.4	32.2

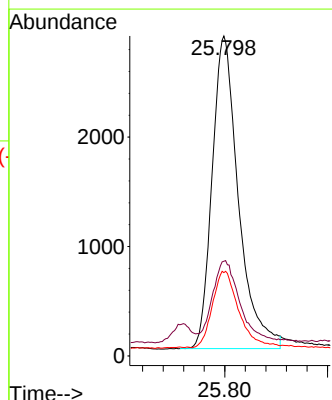
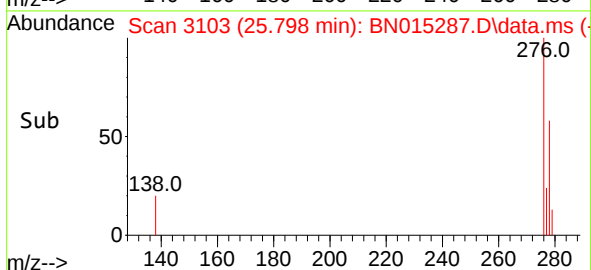


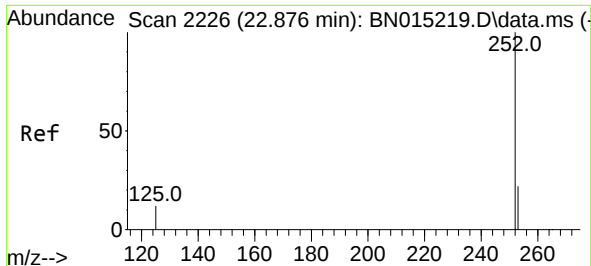
#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.04 ng
 RT: 25.798 min Scan# 3103
 Delta R.T. -0.015 min
 Lab File: BN015287.D
 Acq: 02 Jul 2021 08:32



Tgt Ion:276 Resp: 10159

Ion	Ratio	Lower	Upper
276	100		
138	25.1	10.0	15.0#
277	24.6	20.4	30.6

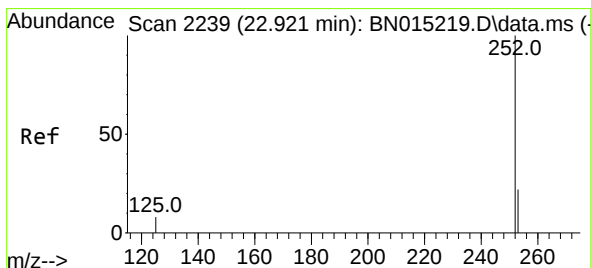
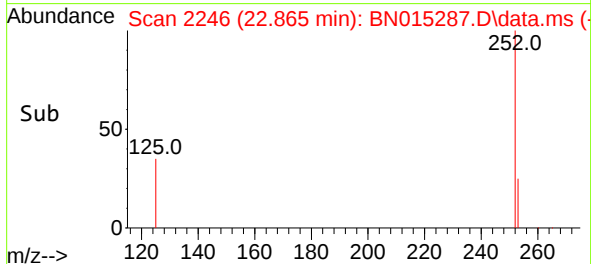
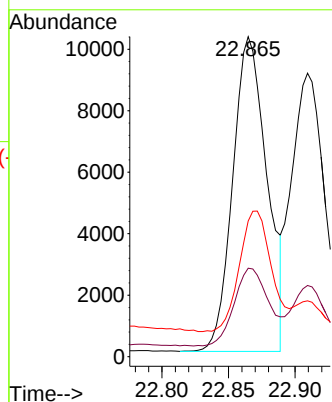
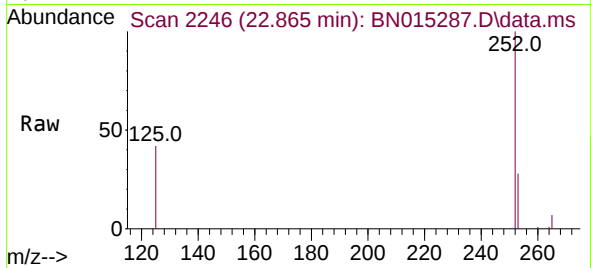




#37
Benzo(b)fluoranthene
Concen: 0.07 ng
RT: 22.865 min Scan# 2246
Delta R.T. -0.011 min
Lab File: BN015287.D
Acq: 02 Jul 2021 08:32

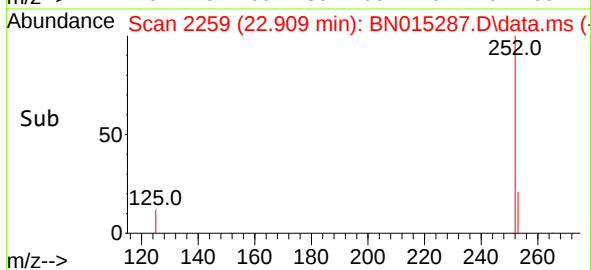
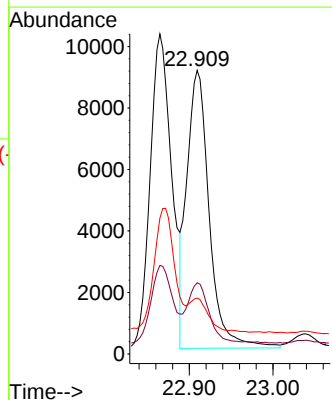
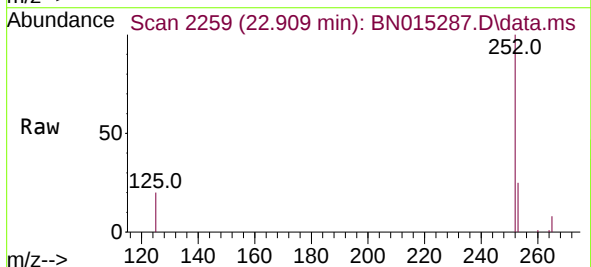
Instrument :
BNA_N
ClientSampleId :
DUP10-20210622

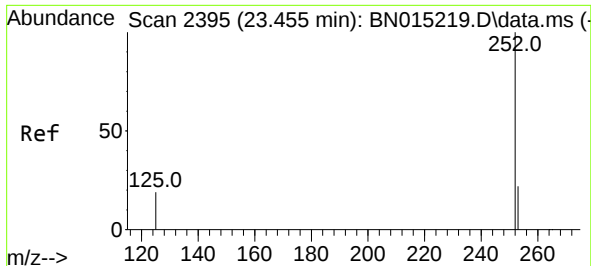
Tgt Ion:252 Resp: 18279
Ion Ratio Lower Upper
252 100
253 27.6 18.5 27.7
125 42.4 5.8 8.6#



#38
Benzo(k)fluoranthene
Concen: 0.06 ng
RT: 22.909 min Scan# 2259
Delta R.T. -0.011 min
Lab File: BN015287.D
Acq: 02 Jul 2021 08:32

Tgt Ion:252 Resp: 16772
Ion Ratio Lower Upper
252 100
253 25.1 19.1 28.7
125 19.7 5.4 8.0#





#39

Benzo(a)pyrene

Concen: 0.05 ng

RT: 23.440 min Scan# 2414

Delta R.T. -0.015 min

Lab File: BN015287.D

Acq: 02 Jul 2021 08:32

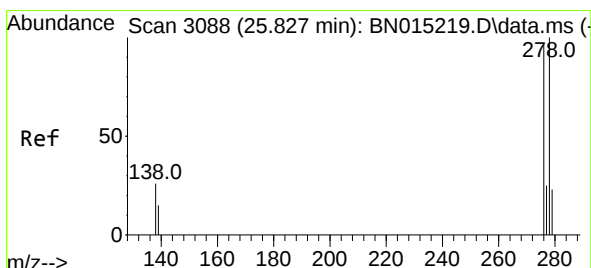
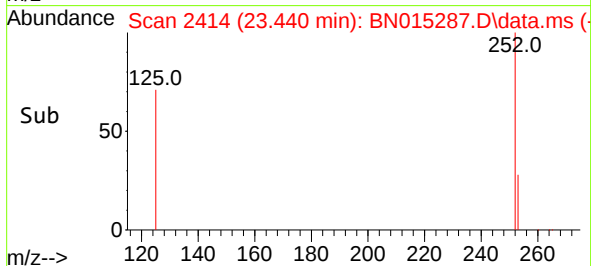
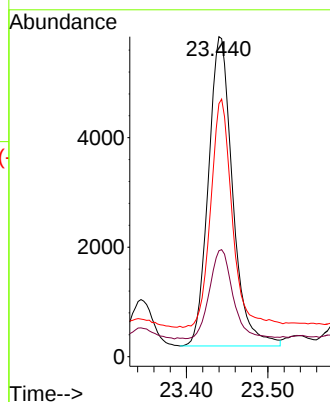
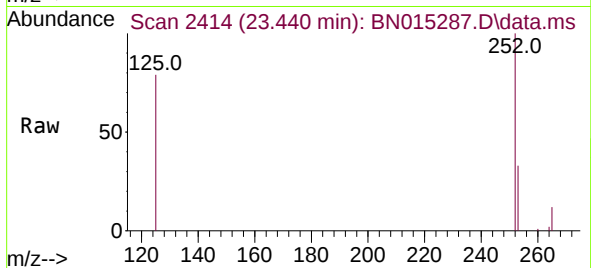
Tgt Ion:252 Resp: 11717

Ion Ratio Lower Upper

252 100

253 33.1 19.4 29.2#

125 79.0 7.4 11.2#



#40

Dibenzo(a,h)anthracene

Concen: 0.04 ng

RT: 25.808 min Scan# 3106

Delta R.T. -0.018 min

Lab File: BN015287.D

Acq: 02 Jul 2021 08:32

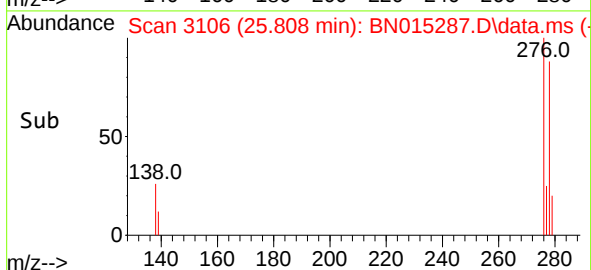
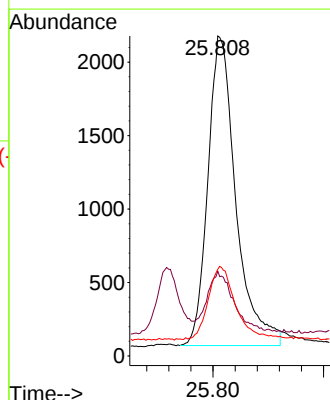
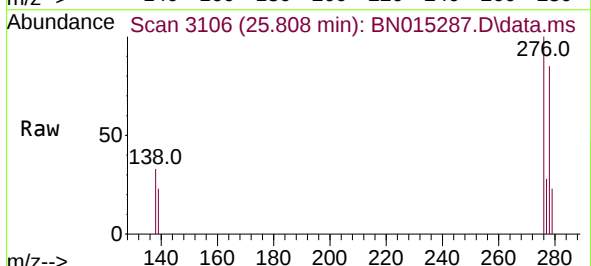
Tgt Ion:278 Resp: 7414

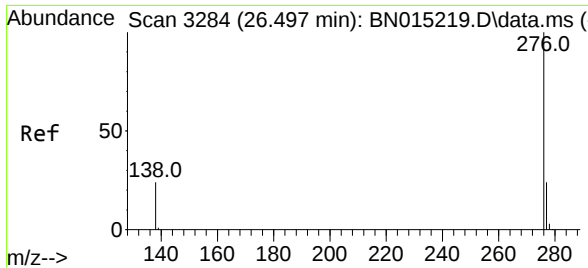
Ion Ratio Lower Upper

278 100

139 26.4 9.0 13.4#

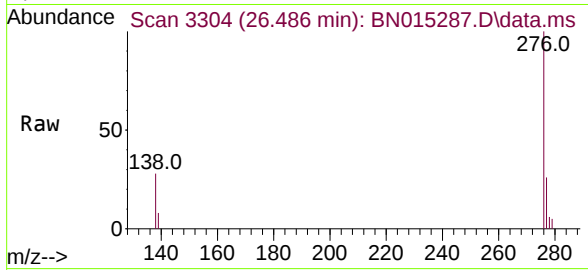
279 27.1 21.0 31.4





#41
Benzo(g,h,i)perylene
Concen: 0.04 ng
RT: 26.486 min Scan# 3304
Delta R.T. -0.011 min
Lab File: BN015287.D
Acq: 02 Jul 2021 08:32

Instrument :
BNA_N
ClientSampleId :
DUP10-20210622



Tgt Ion:276 Resp: 8531
Ion Ratio Lower Upper
276 100
277 25.6 19.7 29.5
138 28.3 9.8 14.6#

