

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070121\
 Data File : BN015286.D
 Acq On : 02 Jul 2021 07:56
 Operator : CG/JU
 Sample : M2838-21
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP09-20210622

Manual Integrations
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Quant Time: Jul 02 08:29:32 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	24323	0.400	ng	# 0.00
7) Naphthalene-d8	10.495	136	109448	0.400	ng	0.00
13) Acenaphthene-d10	14.344	164	57458	0.400	ng	0.00
19) Phenanthrene-d10	17.090	188	113956	0.400	ng	0.00
29) Chrysene-d12	21.291	240	86378	0.400	ng	#-0.01
35) Perylene-d12	23.539	264	72325	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.355	112	6940	0.112	ng	0.00
5) Phenol-d6	6.904	99	4856	0.062	ng	0.00
8) Nitrobenzene-d5	8.873	82	25076	0.409	ng	0.00
11) 2-Methylnaphthalene-d10	12.082	152	57585	0.318	ng	0.00
14) 2,4,6-Tribromophenol	15.842	330	4758	0.412	ng	0.00
15) 2-Fluorobiphenyl	12.962	172	79625	0.341	ng	0.00
27) Fluoranthene-d10	19.127	212	135609	0.403	ng	0.00
31) Terphenyl-d14	19.733	244	103626	0.513	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.354	88	6224m	0.546	ng	
24) Pentachlorophenol	16.749	266	219	0.259	ng	89
32) Benzo(a)anthracene	21.270	228	15649	0.053	ng	99
33) Chrysene	21.323	228	16393	0.051	ng	99
34) Bis(2-ethylhexyl)phtha...	21.216	149	31903	0.449	ng	# 86
36) Indeno(1,2,3-cd)pyrene	25.795	276	9704	0.037	ng	# 88
37) Benzo(b)fluoranthene	22.861	252	15637	0.055	ng	# 87
38) Benzo(k)fluoranthene	22.909	252	15965	0.053	ng	# 94
39) Benzo(a)pyrene	23.440	252	13064	0.050	ng	# 72
40) Dibenzo(a,h)anthracene	25.812	278	7354	0.036	ng	# 86
41) Benzo(g,h,i)perylene	26.486	276	9340	0.042	ng	# 85

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

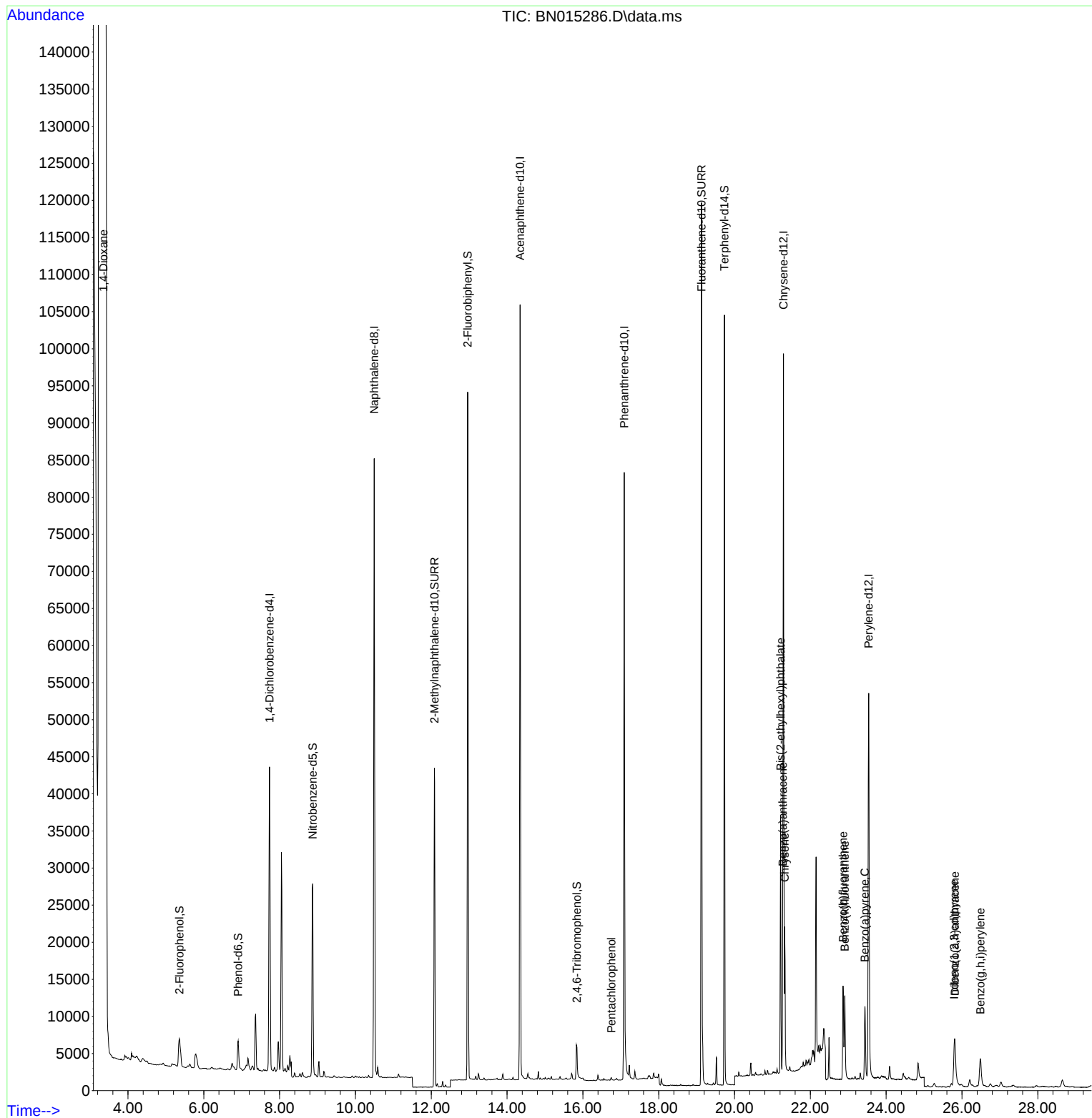
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070121\
Data File : BN015286.D
Acq On : 02 Jul 2021 07:56
Operator : CG/JU
Sample : M2838-21
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ALS Vial : 22 Sample Multiplier: 1

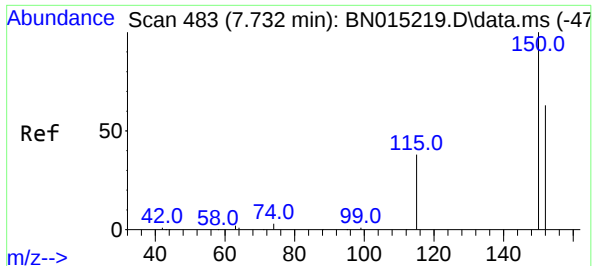
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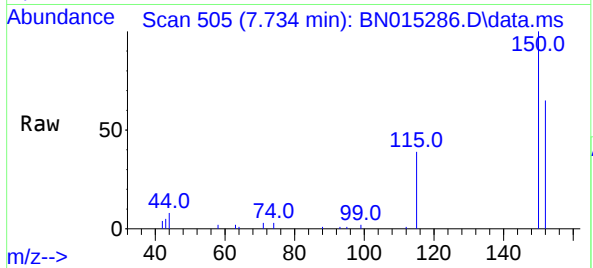
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Quant Time: Jul 02 08:29:32 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN063021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 01 09:06:31 2021
Response via : Initial Calibration

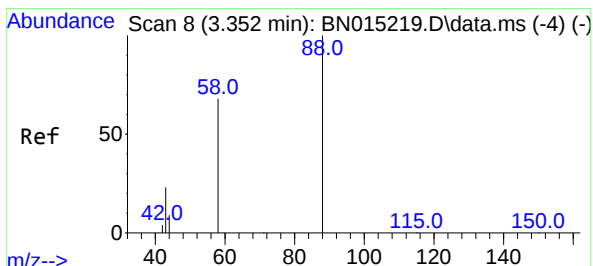
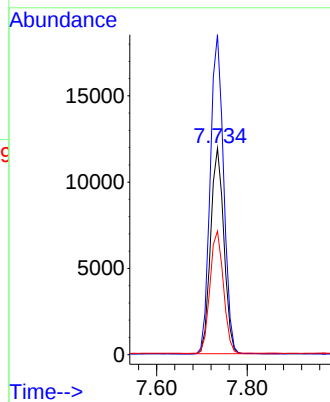
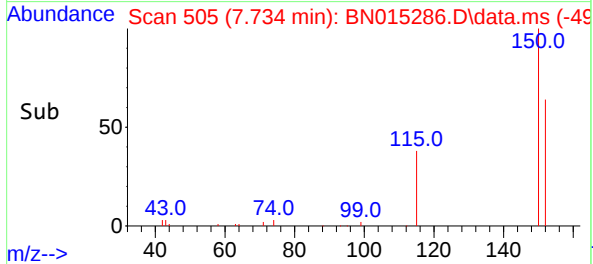




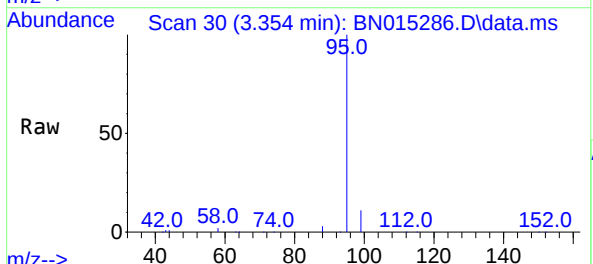
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.734 min Scan# 505
Delta R.T. 0.002 min
Lab File: BN015286.D
Acq: 02 Jul 2021 07:56



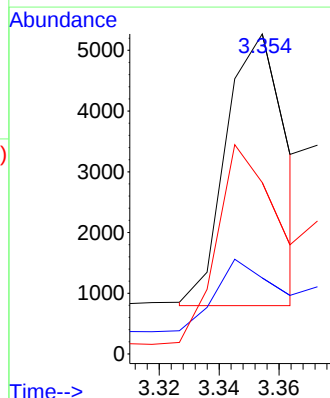
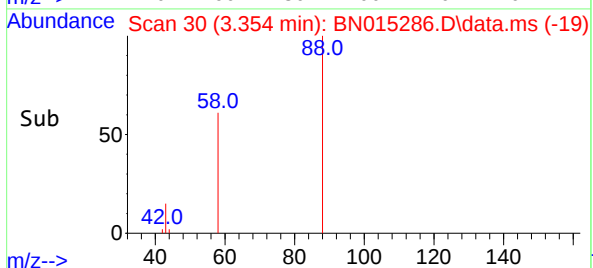
Tgt Ion: 152 Resp: 24323
Ion Ratio Lower Upper
152 100
150 154.9 119.0 178.6
115 59.8 62.2 93.4#



#2
1,4-Dioxane
Concen: 0.546 ng m
RT: 3.354 min Scan# 30
Delta R.T. 0.002 min
Lab File: BN015286.D
Acq: 02 Jul 2021 07:56



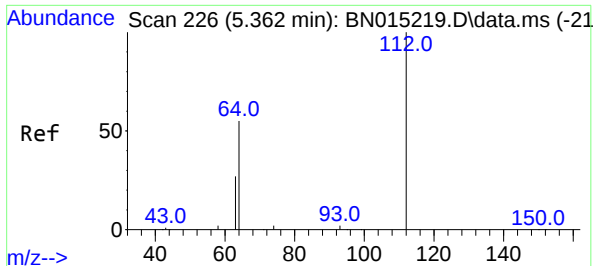
Tgt Ion: 88 Resp: 6224
Ion Ratio Lower Upper
88 100
43 27.5 12.9 19.3#
58 75.8 38.1 57.1#



Instrument :
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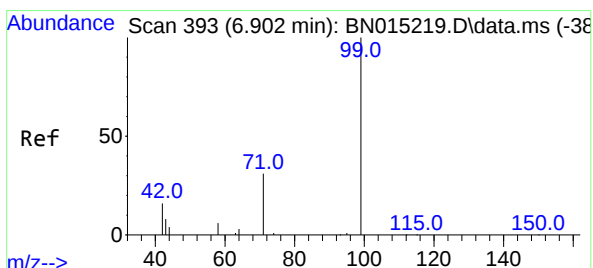
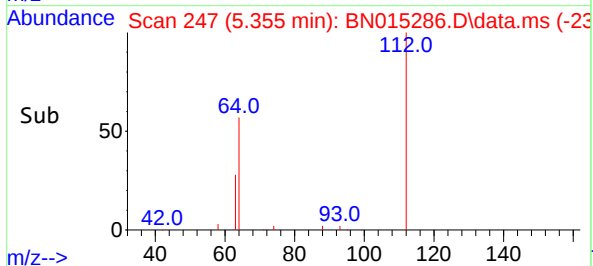
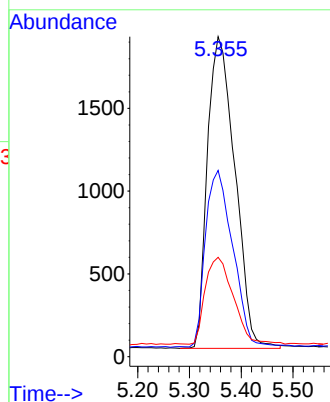
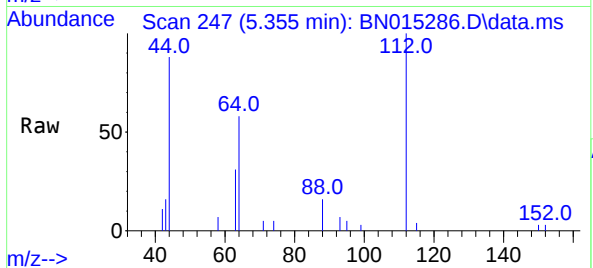
#4
2-Fluorophenol
Concen: 0.112 ng
RT: 5.355 min Scan# 247
Delta R.T. -0.007 min
Lab File: BN015286.D
Acq: 02 Jul 2021 07:56

Tgt Ion: 112 Resp: 6940
Ion Ratio Lower Upper
112 100
64 56.0 39.0 58.6
63 28.4 20.6 30.8

Instrument :
BNA_N
ClientSampleId :
DUP09-20210622

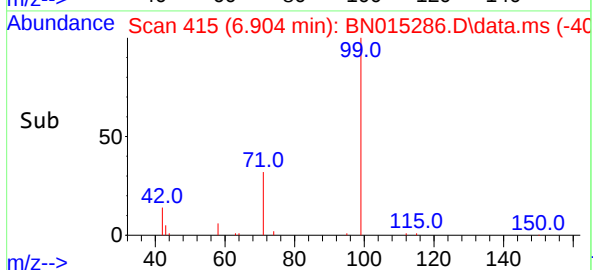
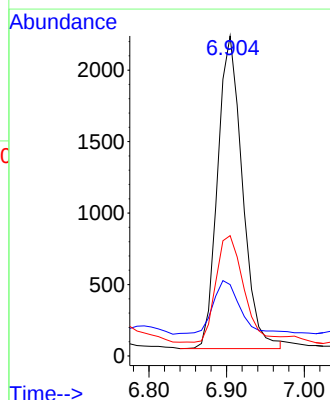
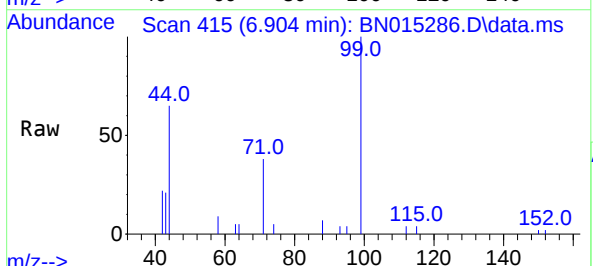
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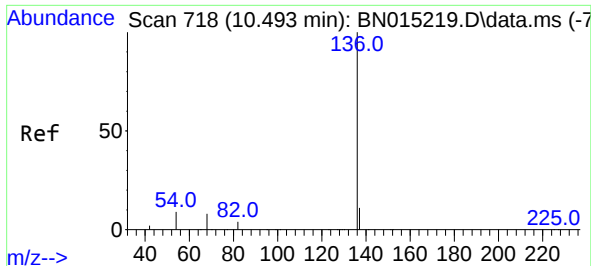
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#5
Phenol-d6
Concen: 0.062 ng
RT: 6.904 min Scan# 415
Delta R.T. 0.003 min
Lab File: BN015286.D
Acq: 02 Jul 2021 07:56

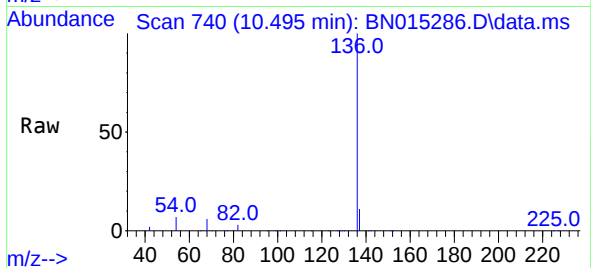
Tgt Ion: 99 Resp: 4856
Ion Ratio Lower Upper
99 100
42 17.9 8.9 13.3#
71 38.3 35.6 53.4





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.495 min Scan# 740
Delta R.T. 0.002 min
Lab File: BN015286.D
Acq: 02 Jul 2021 07:56

Instrument :
BNA_N
ClientSampleId :
DUP09-20210622

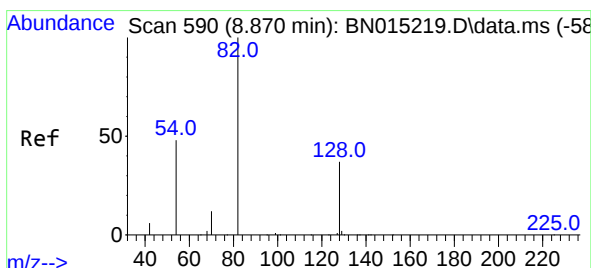
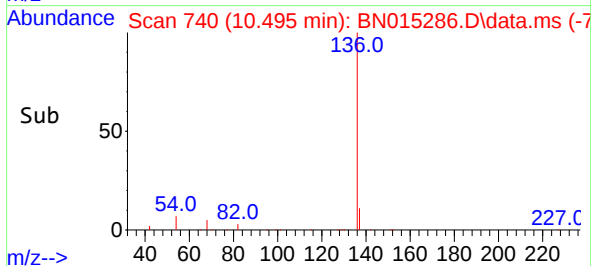
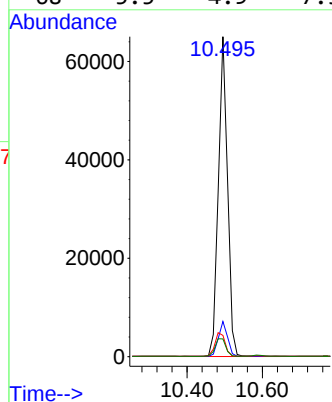


Tgt Ion: 136 Resp: 109448

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.8	14.8
54	6.6	5.4	8.2
68	5.5	4.9	7.3

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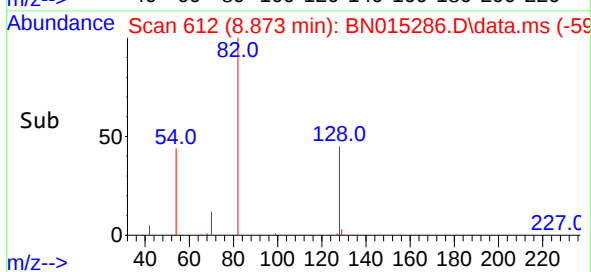
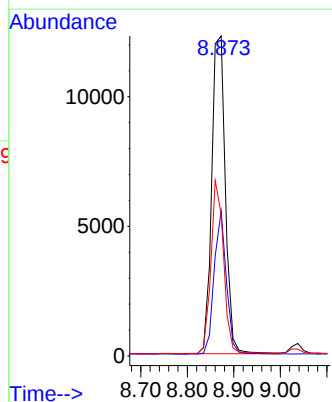
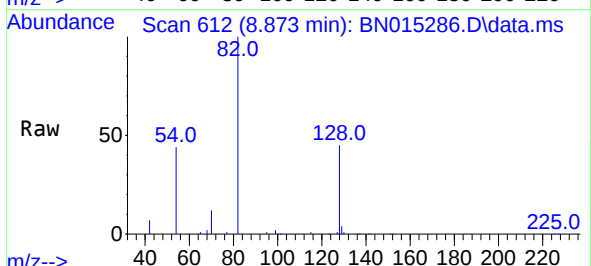
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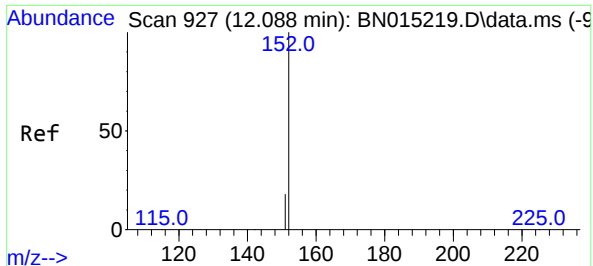


#8
Nitrobenzene-d5
Concen: 0.409 ng
RT: 8.873 min Scan# 612
Delta R.T. 0.003 min
Lab File: BN015286.D
Acq: 02 Jul 2021 07:56

Tgt Ion: 82 Resp: 25076

Ion	Ratio	Lower	Upper
82	100		
128	45.3	31.6	47.4
54	44.4	29.0	43.4





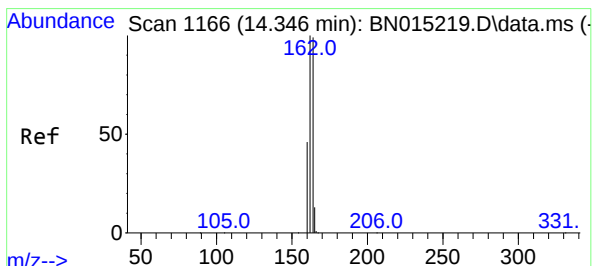
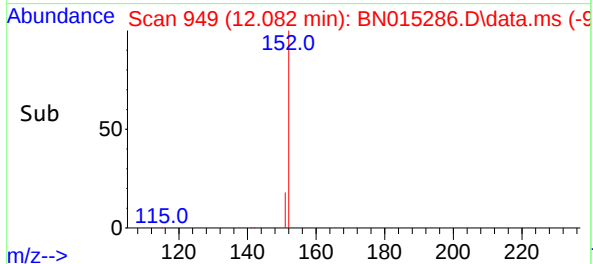
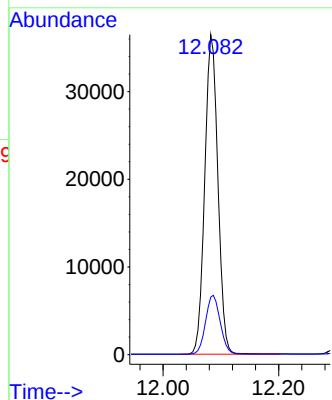
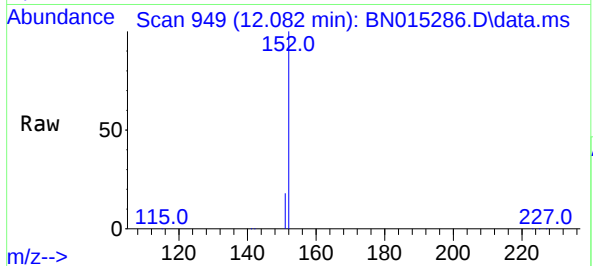
#11
2-Methylnaphthalene-d10
Concen: 0.318 ng
RT: 12.082 min Scan# 949
Delta R.T. -0.006 min
Lab File: BN015286.D
Acq: 02 Jul 2021 07:56

Tgt Ion:152 Resp: 57585
Ion Ratio Lower Upper
152 100
151 20.5 16.7 25.1

Instrument :
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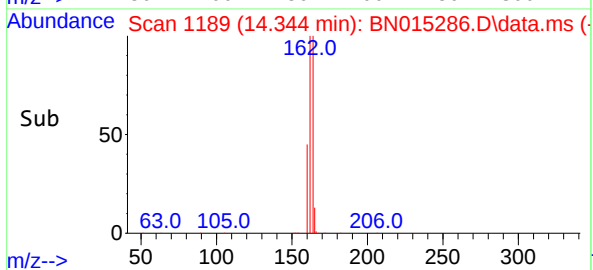
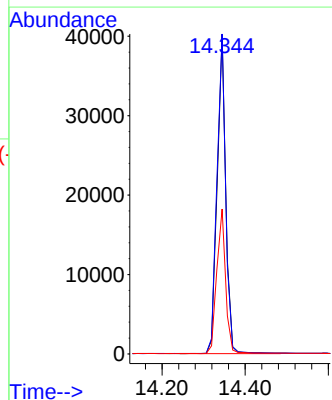
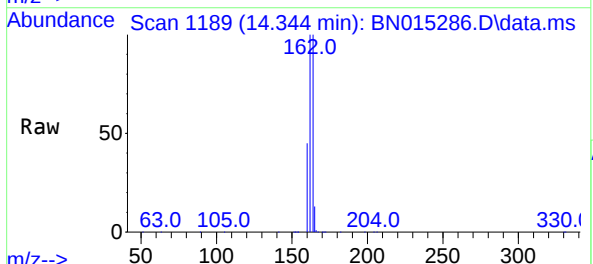
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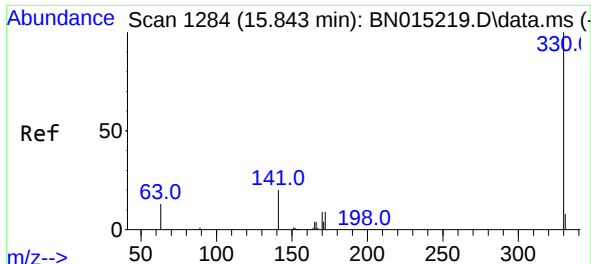
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#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.344 min Scan# 1189
Delta R.T. -0.002 min
Lab File: BN015286.D
Acq: 02 Jul 2021 07:56

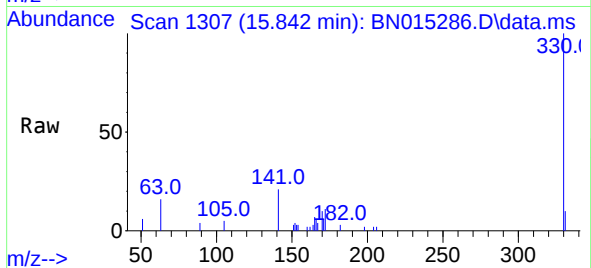
Tgt Ion:164 Resp: 57458
Ion Ratio Lower Upper
164 100
162 100.1 83.8 125.6
160 45.3 37.4 56.0





#14
2,4,6-Tribromophenol
Concen: 0.412 ng
RT: 15.842 min Scan# 1307
Delta R.T. -0.001 min
Lab File: BN015286.D
Acq: 02 Jul 2021 07:56

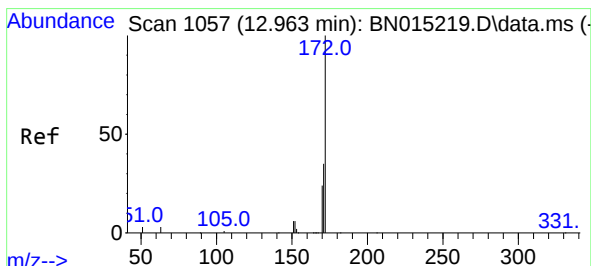
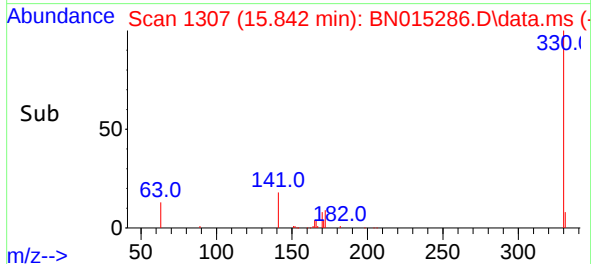
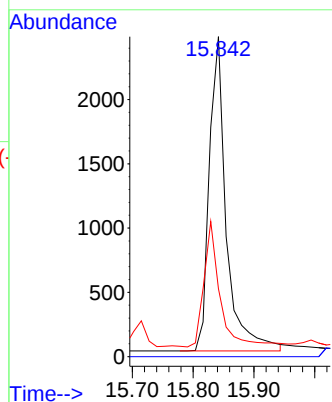
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Tgt Ion:330 Resp: 4758
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 36.8 22.4 33.6#

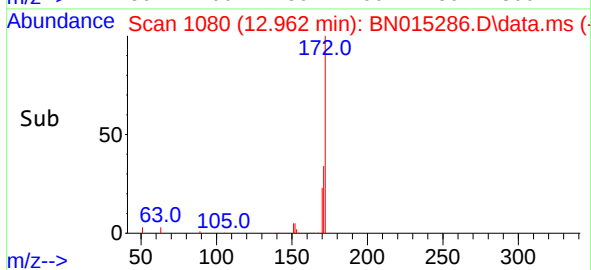
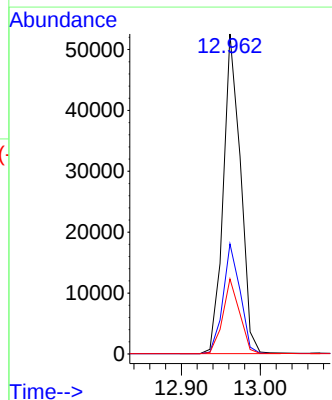
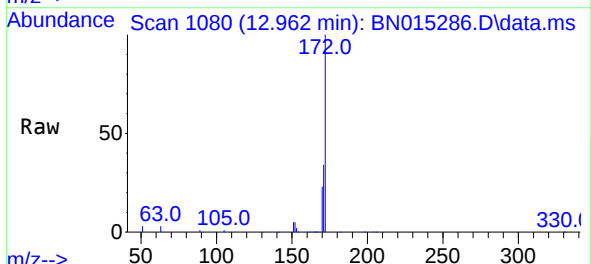
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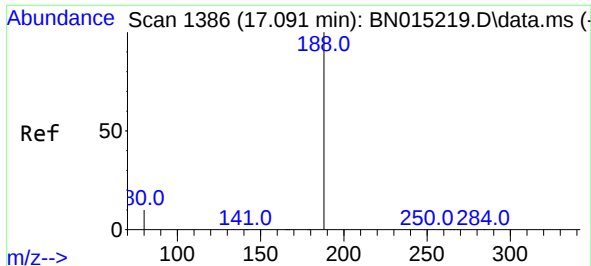
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#15
2-Fluorobiphenyl
Concen: 0.341 ng
RT: 12.962 min Scan# 1080
Delta R.T. -0.001 min
Lab File: BN015286.D
Acq: 02 Jul 2021 07:56

Tgt Ion:172 Resp: 79625
Ion Ratio Lower Upper
172 100
171 34.4 30.6 45.8
170 23.4 20.2 30.4





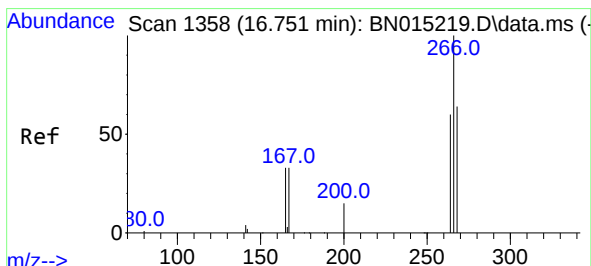
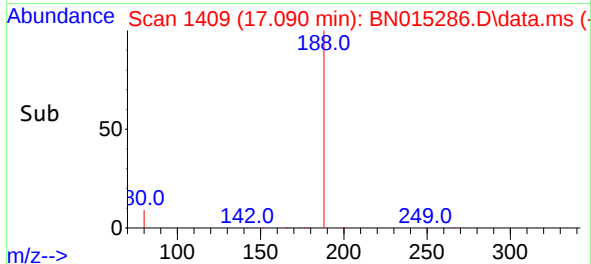
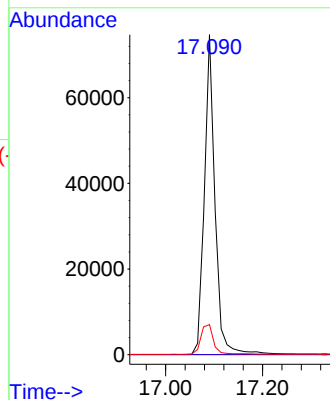
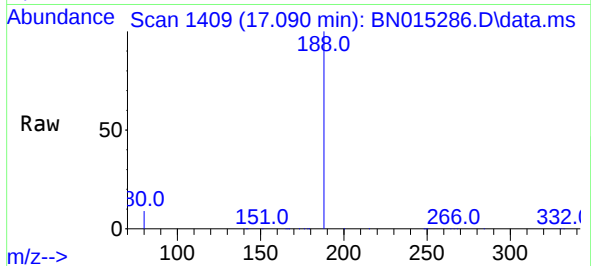
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Phenanthrene-d10
Concen: 0.400 ng
RT: 17.090 min Scan# 1409
Delta R.T. -0.001 min
Lab File: BN015286.D
Acq: 02 Jul 2021 07:56

Tgt Ion:188 Resp: 113956
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.4 9.0 13.4

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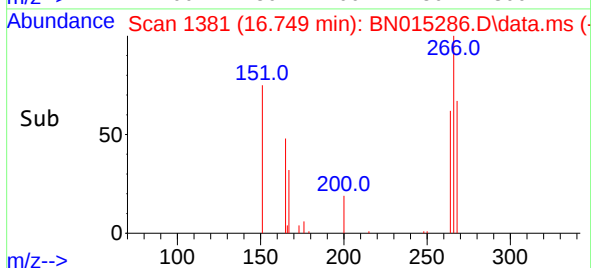
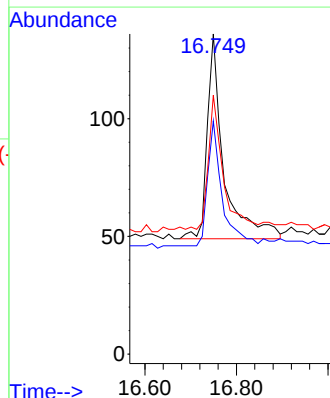
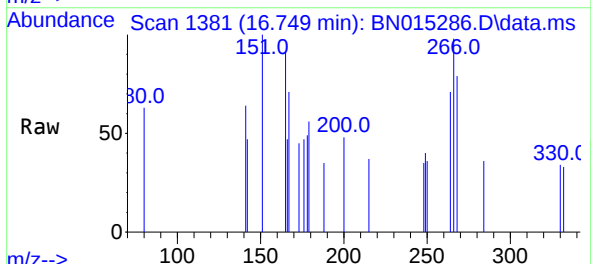
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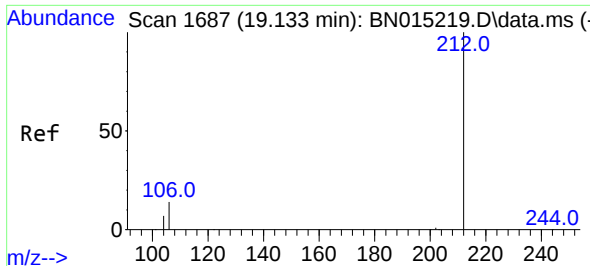
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#24
Pentachlorophenol
Concen: 0.259 ng
RT: 16.749 min Scan# 1381
Delta R.T. -0.002 min
Lab File: BN015286.D
Acq: 02 Jul 2021 07:56

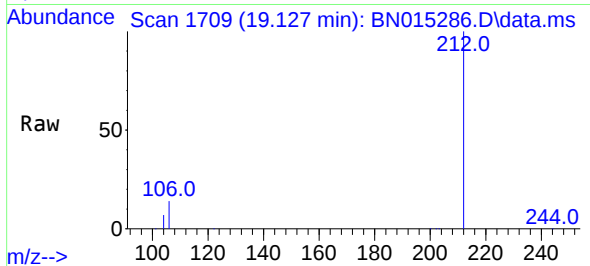
Tgt Ion:266 Resp: 219
Ion Ratio Lower Upper
266 100
264 53.0 51.0 76.4
268 57.5 50.6 76.0





#27
Fluoranthene-d10
Concen: 0.403 ng
RT: 19.127 min Scan# 1709
Delta R.T. -0.006 min
Lab File: BN015286.D
Acq: 02 Jul 2021 07:56

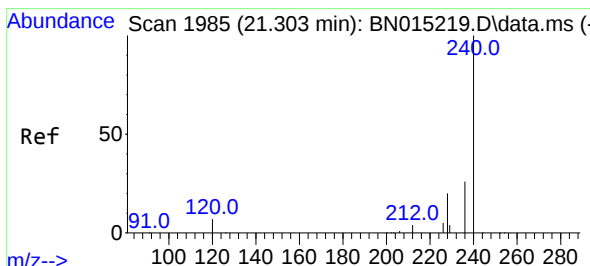
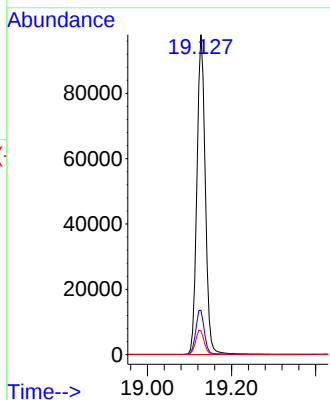
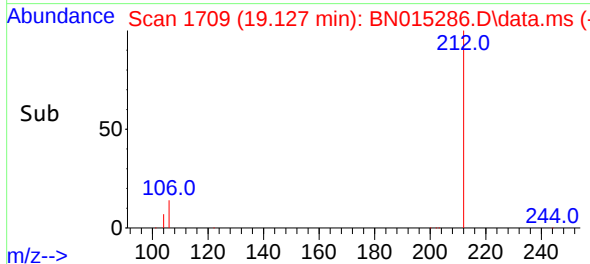
Instrument :
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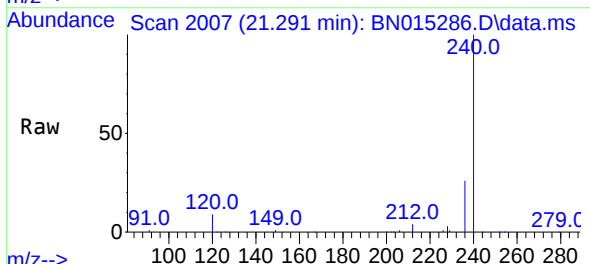
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Ion Ratio Lower Upper
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104 7.8 4.1 6.1#

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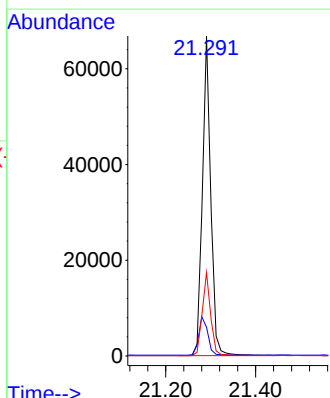
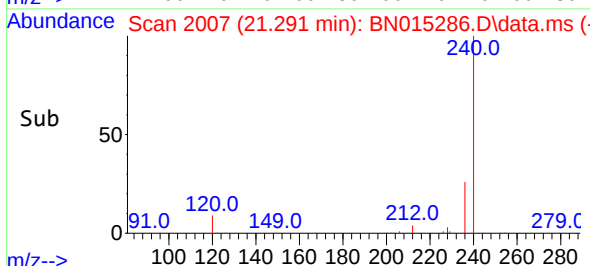
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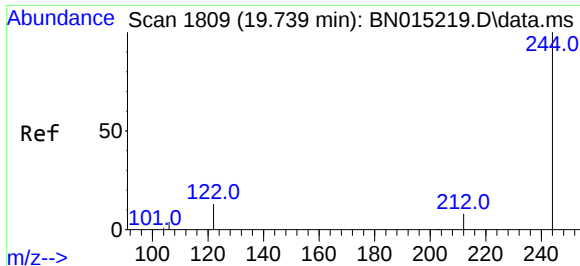


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.291 min Scan# 2007
Delta R.T. -0.012 min
Lab File: BN015286.D
Acq: 02 Jul 2021 07:56



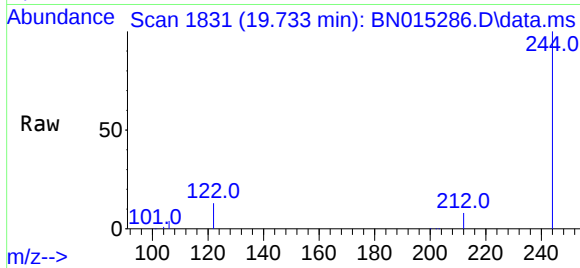
Tgt Ion:240 Resp: 86378
Ion Ratio Lower Upper
240 100
120 9.0 4.2 6.4#
236 26.1 21.4 32.2





#31
Terphenyl-d14
Concen: 0.513 ng
RT: 19.733 min Scan# 1831
Delta R.T. -0.006 min
Lab File: BN015286.D
Acq: 02 Jul 2021 07:56

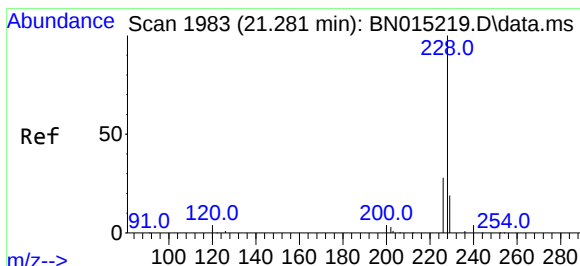
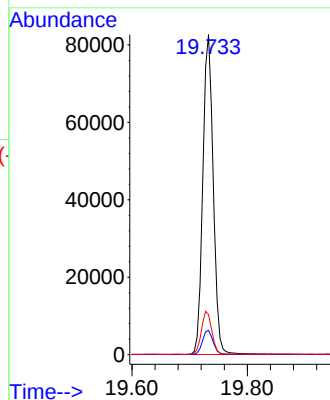
Instrument :
BNA_N
ClientSampleId :
DUP09-20210622



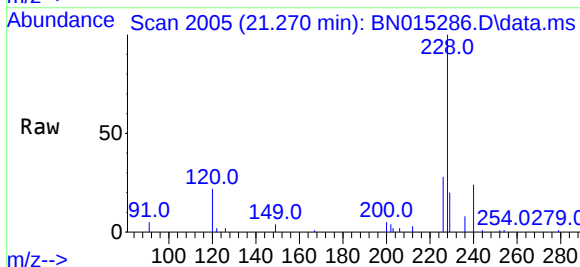
Tgt Ion:244 Resp: 103626
Ion Ratio Lower Upper
244 100
212 7.6 6.3 9.5
122 12.6 6.2 9.2#

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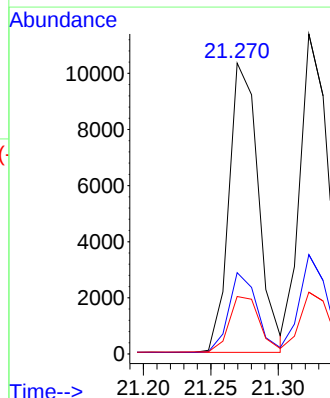
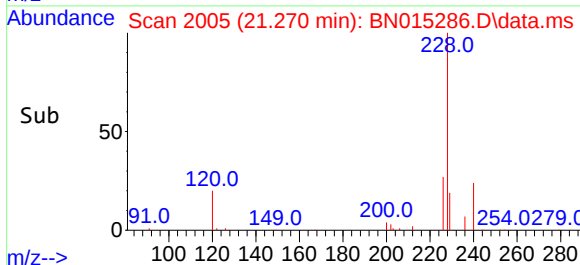
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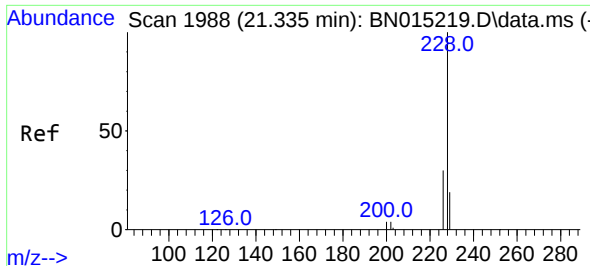


#32
Benzo(a)anthracene
Concen: 0.053 ng
RT: 21.270 min Scan# 2005
Delta R.T. -0.011 min
Lab File: BN015286.D
Acq: 02 Jul 2021 07:56



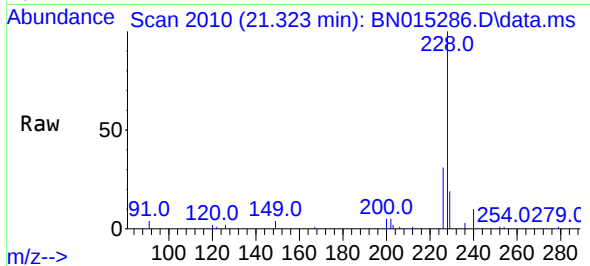
Tgt Ion:228 Resp: 15649
Ion Ratio Lower Upper
228 100
226 28.0 23.0 34.6
229 19.7 15.7 23.5





#33
Chrysene
Concen: 0.051 ng
RT: 21.323 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BN015286.D
Acq: 02 Jul 2021 07:56

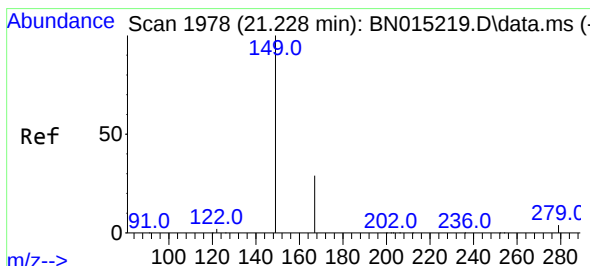
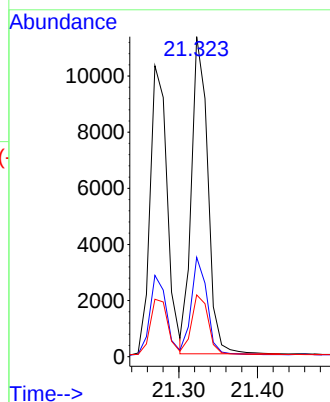
Instrument :
BNA_N
ClientSampleId :
DUP09-20210622



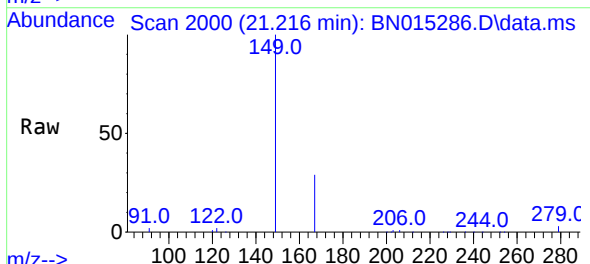
Tgt Ion:228 Resp: 16393
Ion Ratio Lower Upper
228 100
226 31.0 25.0 37.6
229 19.3 15.9 23.9

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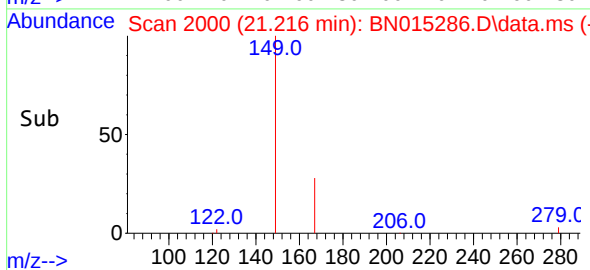
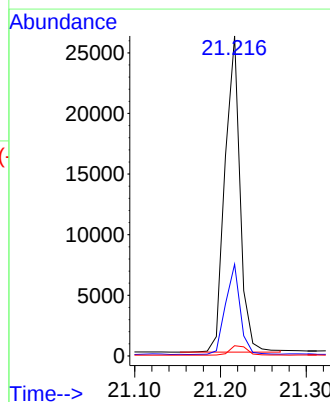
mohammad
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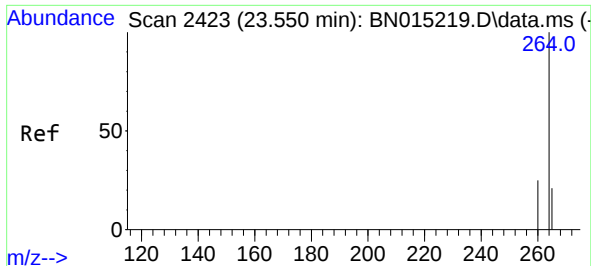


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.449 ng
RT: 21.216 min Scan# 2000
Delta R.T. -0.012 min
Lab File: BN015286.D
Acq: 02 Jul 2021 07:56



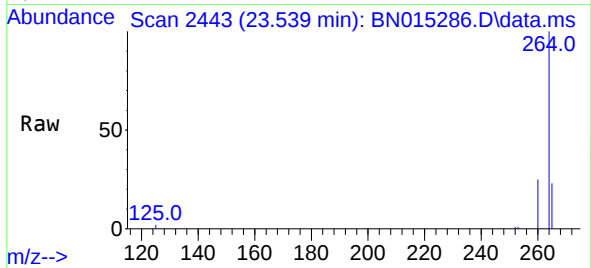
Tgt Ion:149 Resp: 31903
Ion Ratio Lower Upper
149 100
167 27.5 28.9 43.3#
279 3.4 4.9 7.3#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.539 min Scan# 2443
Delta R.T. -0.011 min
Lab File: BN015286.D
Acq: 02 Jul 2021 07:56

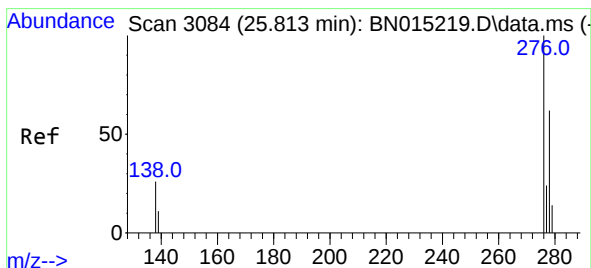
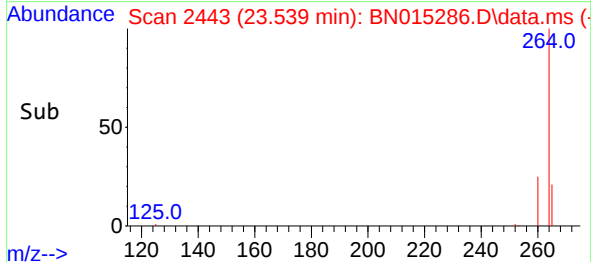
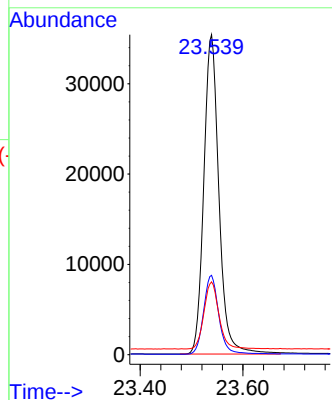
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:264 Resp: 72325
Ion Ratio Lower Upper
264 100
260 24.8 20.6 31.0
265 22.8 21.4 32.2

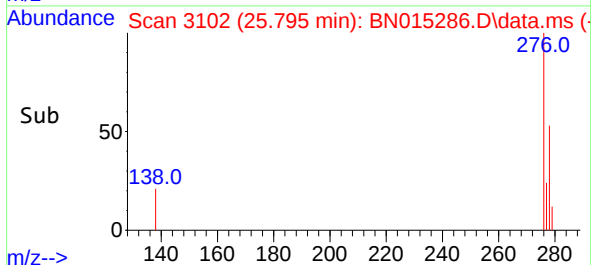
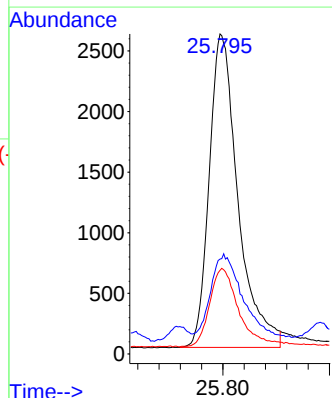
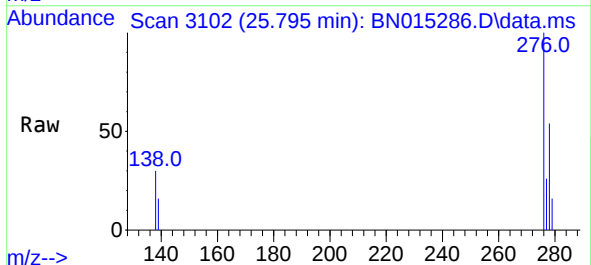
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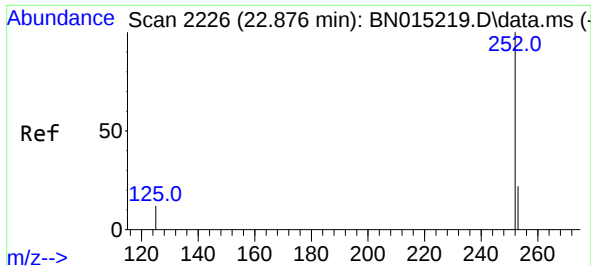
mohammad
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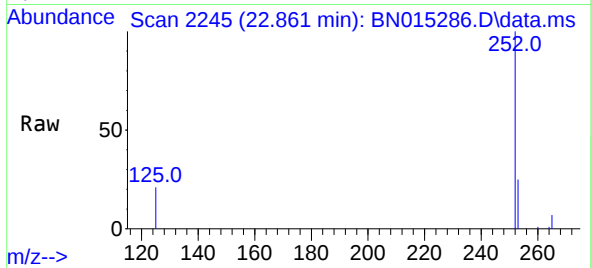
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.037 ng
RT: 25.795 min Scan# 3102
Delta R.T. -0.018 min
Lab File: BN015286.D
Acq: 02 Jul 2021 07:56

Tgt Ion:276 Resp: 9704
Ion Ratio Lower Upper
276 100
138 26.8 10.0 15.0#
277 25.4 20.4 30.6

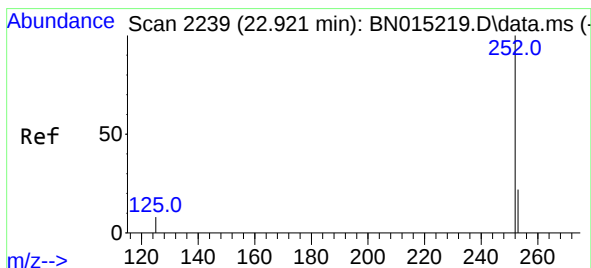
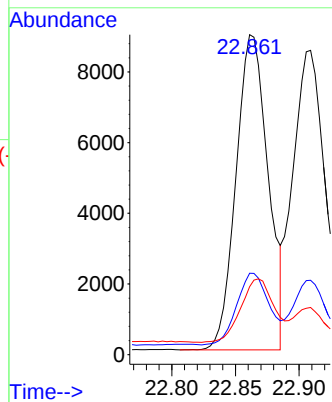
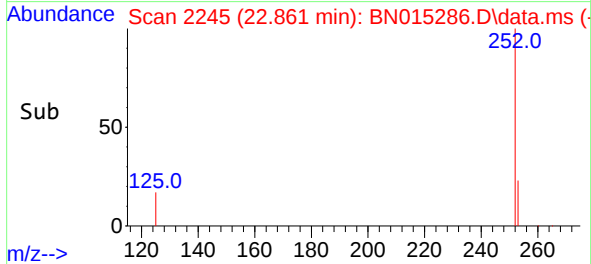




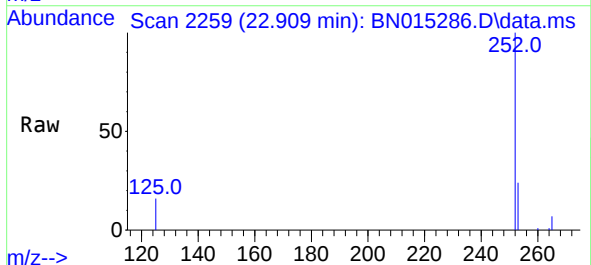
#37
Benzo(b)fluoranthene
Concen: 0.055 ng
RT: 22.861 min Scan# 2245
Delta R.T. -0.015 min
Lab File: BN015286.D
Acq: 02 Jul 2021 07:56



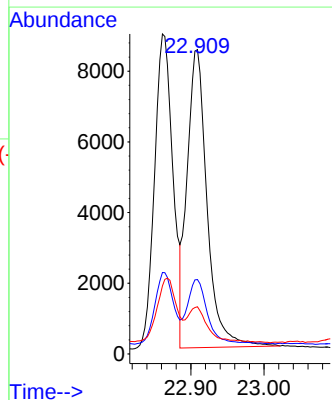
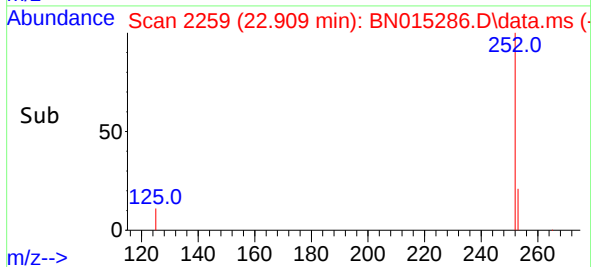
Tgt Ion:252 Resp: 15637
Ion Ratio Lower Upper
252 100
253 25.5 18.5 27.7
125 21.2 5.8 8.6#



#38
Benzo(k)fluoranthene
Concen: 0.053 ng
RT: 22.909 min Scan# 2259
Delta R.T. -0.012 min
Lab File: BN015286.D
Acq: 02 Jul 2021 07:56



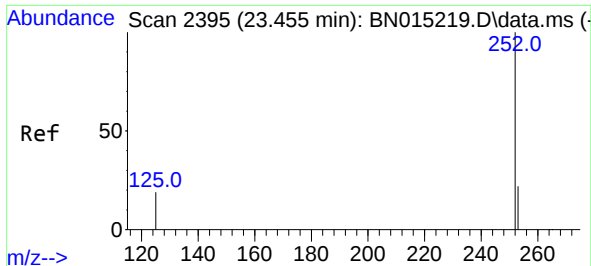
Tgt Ion:252 Resp: 15965
Ion Ratio Lower Upper
252 100
253 24.4 19.1 28.7
125 15.5 5.4 8.0#



Instrument :
BNA_N
ClientSampleId :
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#39

Benzo(a)pyrene

Concen: 0.050 ng

RT: 23.440 min Scan# 2414

Delta R.T. -0.015 min

Lab File: BN015286.D

Acq: 02 Jul 2021 07:56

Tgt Ion:	252	Resp:	13064
Ion Ratio	Lower	Upper	
252	100		
253	27.8	19.4	29.2
125	39.6	7.4	11.2#

Instrument :

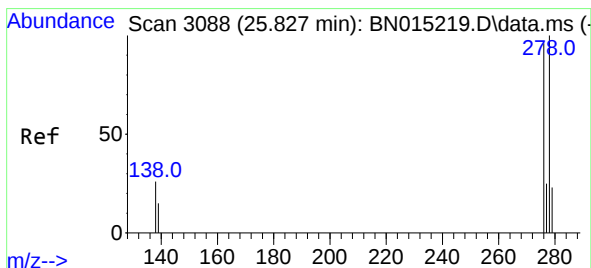
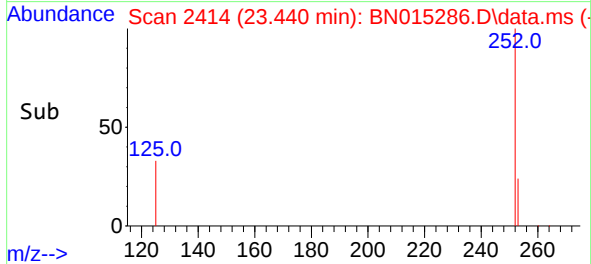
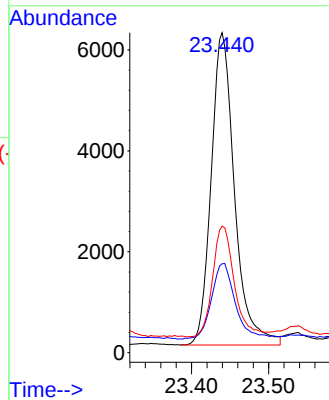
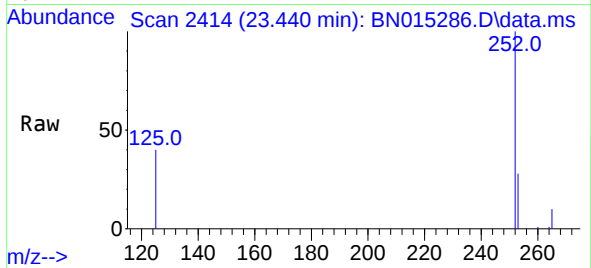
BNA_N

ClientSampleId :

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#40

Dibenzo(a,h)anthracene

Concen: 0.036 ng

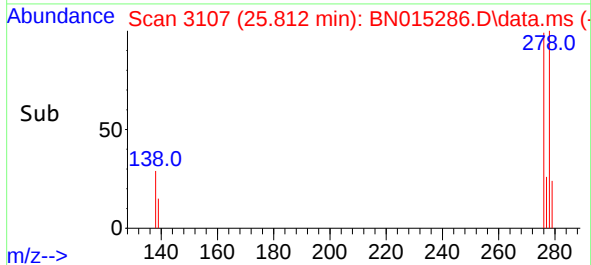
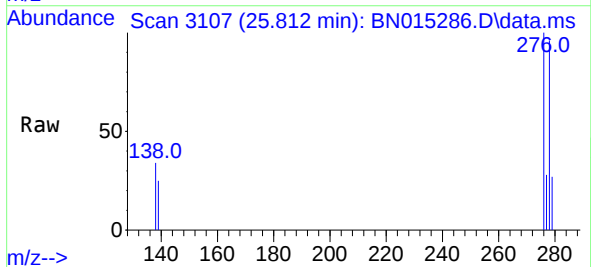
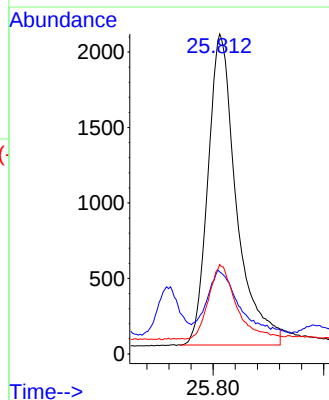
RT: 25.812 min Scan# 3107

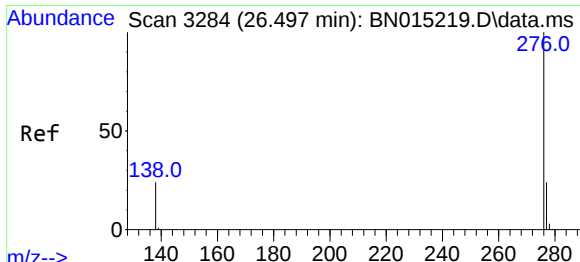
Delta R.T. -0.015 min

Lab File: BN015286.D

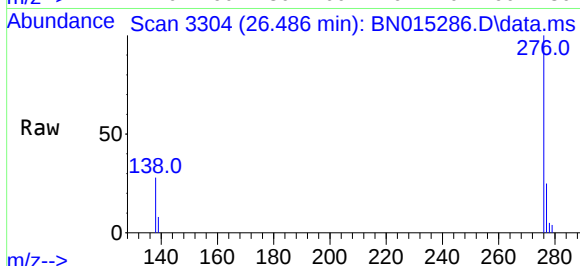
Acq: 02 Jul 2021 07:56

Tgt Ion:	278	Resp:	7354
Ion Ratio	Lower	Upper	
278	100		
139	25.6	9.0	13.4#
279	27.9	21.0	31.4

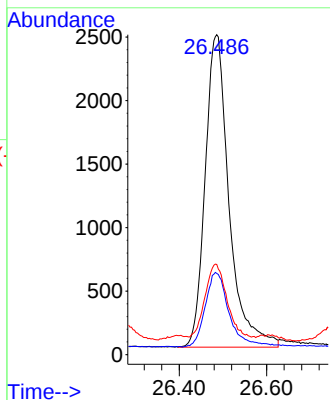
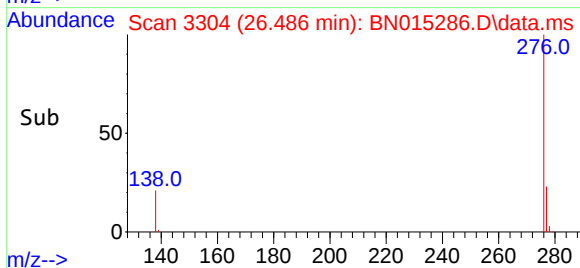




#41
 Benzo(g,h,i)perylene
 Concen: 0.042 ng
 RT: 26.486 min Scan# 3304
 Delta R.T. -0.012 min
 Lab File: BN015286.D
 Acq: 02 Jul 2021 07:56



Tgt Ion:	276	Resp:	9340
Ion Ratio	Lower	Upper	
276	100		
277	25.4	19.7	29.5
138	28.2	9.8	14.6#



Instrument :
 BNA_N
 ClientSampleId :
 DUP09-20210622

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