

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062622\
 Data File : BN020489.D
 Acq On : 27 Jun 2022 08:09
 Operator : CG/JU
 Sample : N3354-11
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 28 00:33:26 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 27 02:03:21 2022
 Response via : Initial Calibration

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

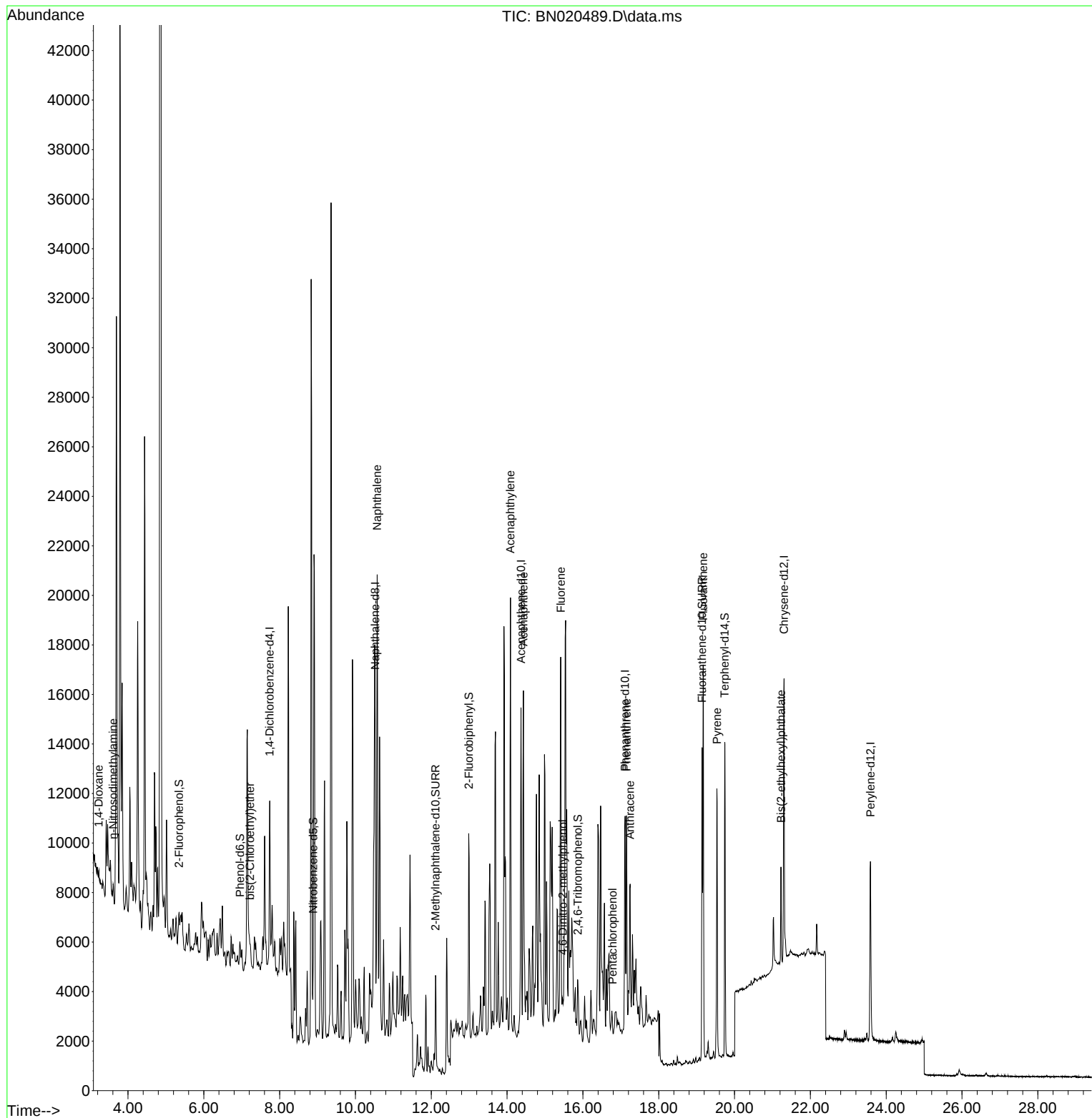
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.739	152	2843	0.400	ng	0.00
7) Naphthalene-d8	10.519	136	9773	0.400	ng	# 0.00
13) Acenaphthene-d10	14.367	164	6398	0.400	ng	0.00
19) Phenanthrene-d10	17.113	188	12209	0.400	ng	0.00
29) Chrysene-d12	21.306	240	11086	0.400	ng	# 0.00
35) Perylene-d12	23.586	264	10193	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	1367	0.173	ng	0.00
5) Phenol-d6	6.952	99	984	0.104	ng	0.00
8) Nitrobenzene-d5	8.886	82	2566	0.324	ng	-0.01
11) 2-Methylnaphthalene-d10	12.113	152	5651	0.337	ng	0.00
14) 2,4,6-Tribromophenol	15.861	330	903	0.375	ng	0.00
15) 2-Fluorobiphenyl	12.988	172	7778	0.294	ng	-0.01
27) Fluoranthene-d10	19.143	212	13777	0.380	ng	0.00
31) Terphenyl-d14	19.742	244	14134	0.533	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.225	88	78	0.021	ng	# 1
3) n-Nitrosodimethylamine	3.608	42	546	0.161	ng	# 6
6) bis(2-Chloroethyl)ether	7.219	93	190	0.023	ng	# 1
9) Naphthalene	10.573	128	4742	0.162	ng	# 1
16) Acenaphthylene	14.089	152	2045	0.067	ng	# 1
17) Acenaphthene	14.431	154	7075	0.338	ng	94
18) Fluorene	15.415	166	6622	0.243	ng	# 93
20) 4,6-Dinitro-2-methylph...	15.468	198	28	0.237	ng	# 1
24) Pentachlorophenol	16.784	266	12	0.189	ng	# 18
25) Phenanthrene	17.154	178	9294	0.226	ng	# 94
26) Anthracene	17.246	178	6838	0.193	ng	# 87
28) Fluoranthene	19.173	202	14299	0.318	ng	99
30) Pyrene	19.535	202	10291	0.219	ng	# 93
34) Bis(2-ethylhexyl)phtha...	21.225	149	3453	0.155	ng	# 98

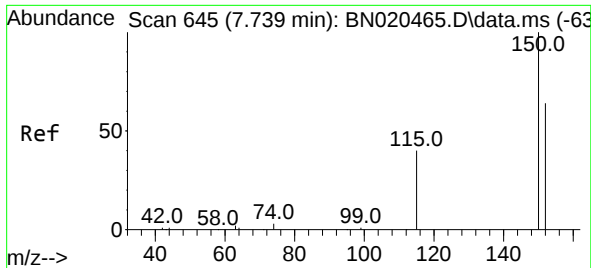
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062622\
Data File : BN020489.D
Acq On : 27 Jun 2022 08:09
Operator : CG/JU
Sample : N3354-11
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

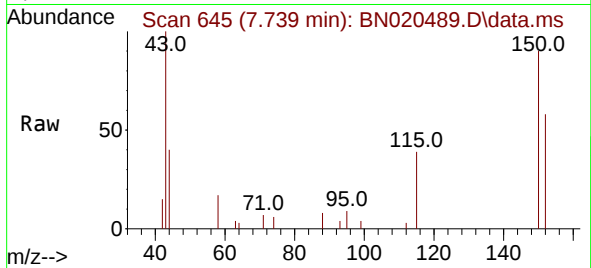
Quant Time: Jun 28 00:33:26 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 27 02:03:21 2022
Response via : Initial Calibration



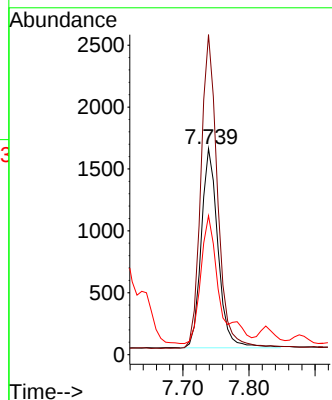
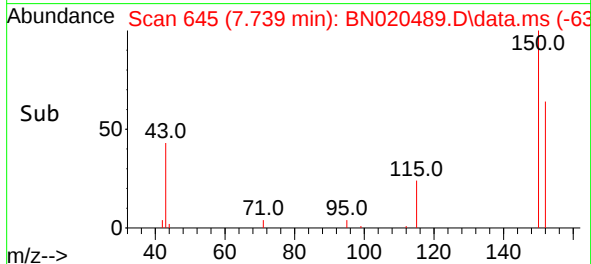


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.739 min Scan# 64
 Delta R.T. -0.000 min
 Lab File: BN020489.D
 Acq: 27 Jun 2022 08:09

Instrument :
 BNA_N
 ClientSampleId :

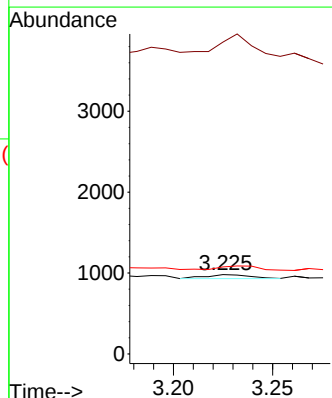
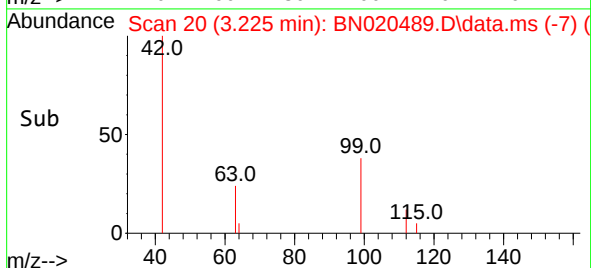
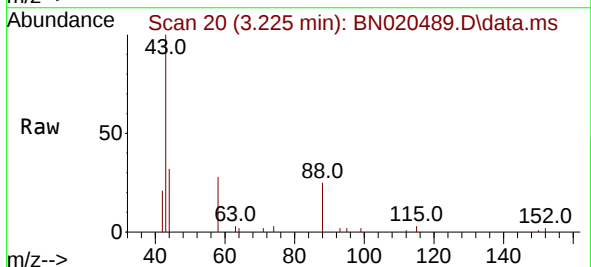


Tgt Ion:152 Resp: 2843
 Ion Ratio Lower Upper
 152 100
 150 155.3 127.9 191.9
 115 67.4 51.4 77.2



#2
 1,4-Dioxane
 Concen: 0.021 ng
 RT: 3.225 min Scan# 20
 Delta R.T. -0.007 min
 Lab File: BN020489.D
 Acq: 27 Jun 2022 08:09

Tgt Ion: 88 Resp: 78
 Ion Ratio Lower Upper
 88 100
 43 455.1 30.2 45.2#
 58 92.3 73.0 109.6

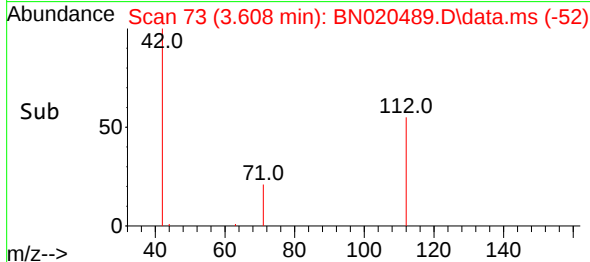
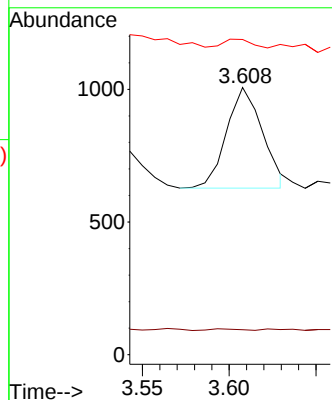
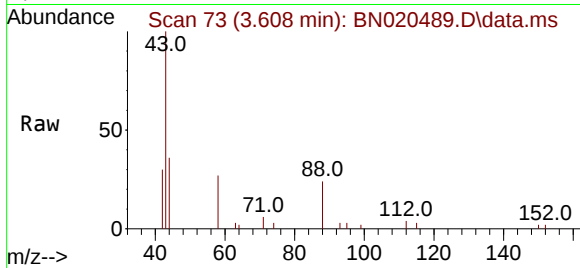




#3
n-Nitrosodimethylamine
Concen: 0.161 ng
RT: 3.608 min Scan# 71
Delta R.T. 0.051 min
Lab File: BN020489.D
Acq: 27 Jun 2022 08:09

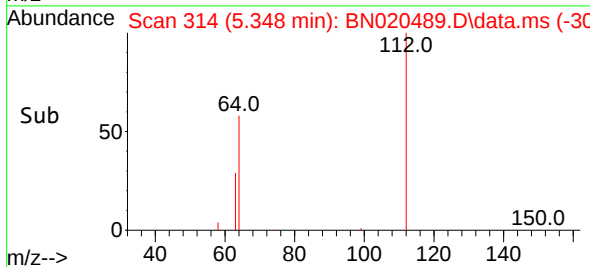
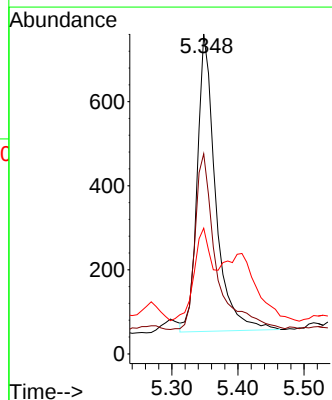
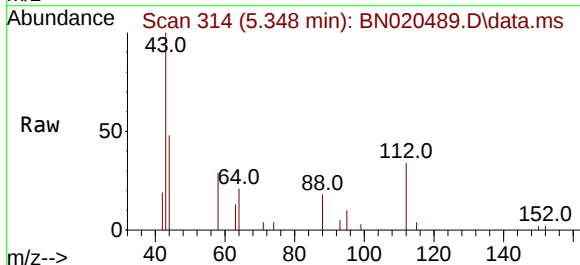
Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 546
Ion Ratio Lower Upper
42 100
74 0.5 84.0 126.0#
44 0.0 9.8 14.8#



#4
2-Fluorophenol
Concen: 0.173 ng
RT: 5.348 min Scan# 314
Delta R.T. -0.000 min
Lab File: BN020489.D
Acq: 27 Jun 2022 08:09

Tgt Ion: 112 Resp: 1367
Ion Ratio Lower Upper
112 100
64 67.3 49.1 73.7
63 32.5 26.3 39.5

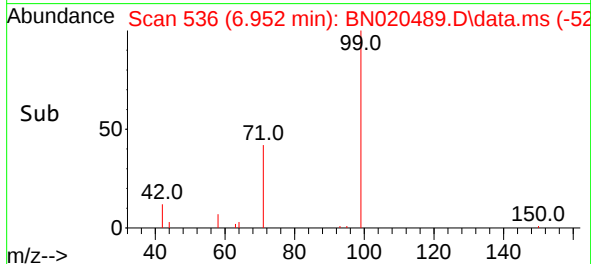
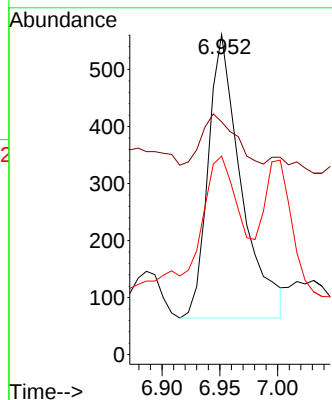
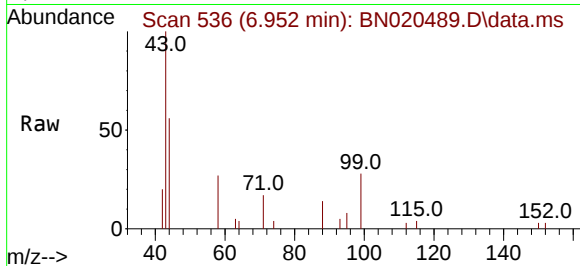




#5
Phenol-d6
Concen: 0.104 ng
RT: 6.952 min Scan# 51
Delta R.T. 0.007 min
Lab File: BN020489.D
Acq: 27 Jun 2022 08:09

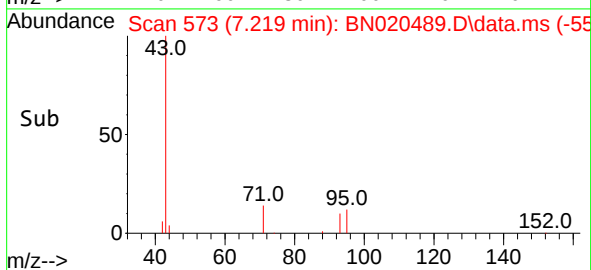
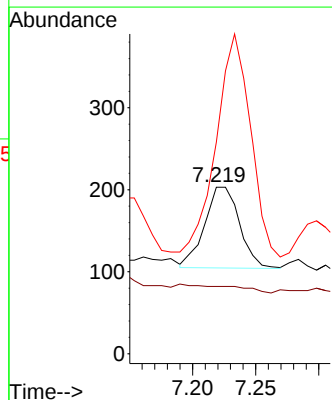
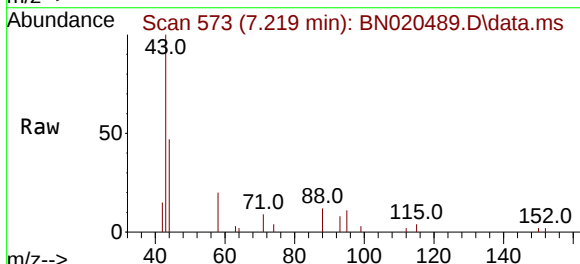
Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 984
Ion Ratio Lower Upper
99 100
42 19.6 19.3 28.9
71 60.3 27.5 41.3#



#6
bis(2-Chloroethyl)ether
Concen: 0.023 ng
RT: 7.219 min Scan# 573
Delta R.T. 0.051 min
Lab File: BN020489.D
Acq: 27 Jun 2022 08:09

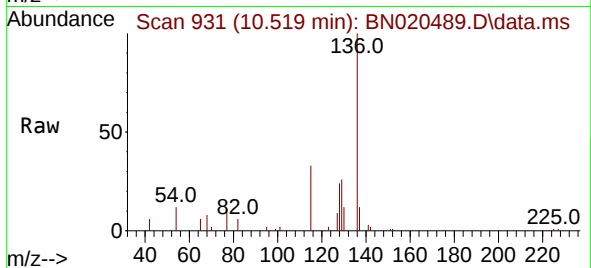
Tgt Ion: 93 Resp: 190
Ion Ratio Lower Upper
93 100
63 0.0 67.4 101.0#
95 271.6 26.5 39.7#



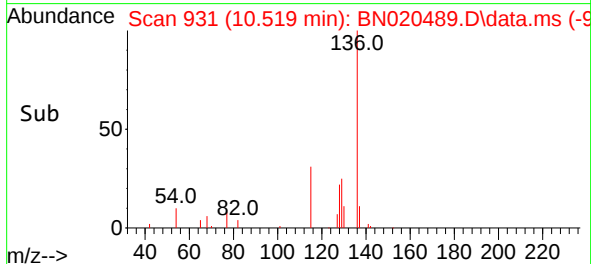
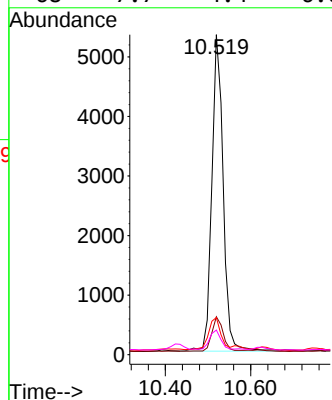


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.519 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN020489.D
Acq: 27 Jun 2022 08:09

Instrument :
BNA_N
ClientSampleId :

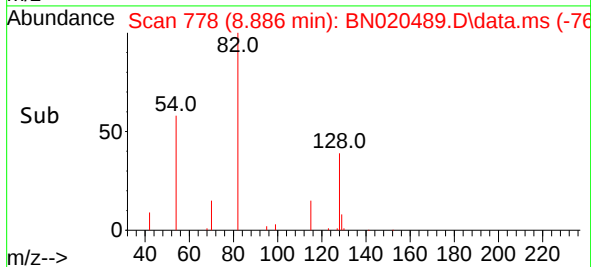
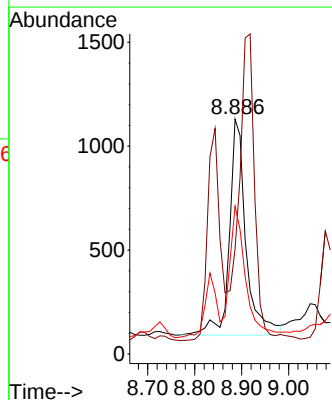
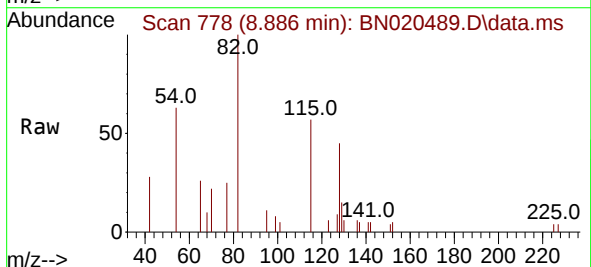


Tgt Ion:	136	Resp:	9773
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.0	13.6
54	11.6	6.2	9.2#
68	7.7	4.4	6.6#



#8
Nitrobenzene-d5
Concen: 0.324 ng
RT: 8.886 min Scan# 778
Delta R.T. -0.011 min
Lab File: BN020489.D
Acq: 27 Jun 2022 08:09

Tgt Ion:	82	Resp:	2566
Ion	Ratio	Lower	Upper
82	100		
128	44.8	35.0	52.6
54	62.9	46.2	69.4

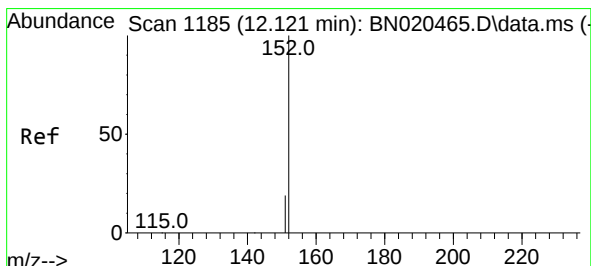
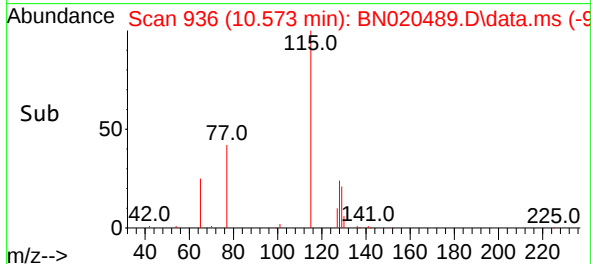
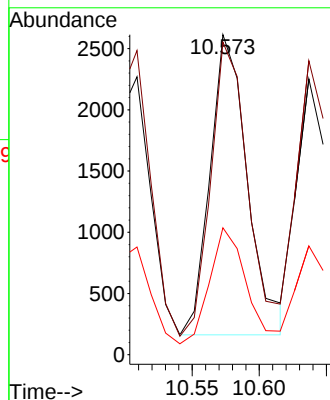
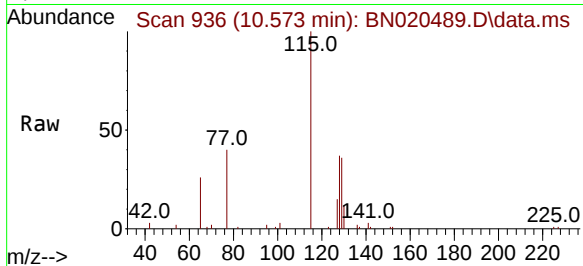




#9
Naphthalene
Concen: 0.162 ng
RT: 10.573 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN020489.D
Acq: 27 Jun 2022 08:09

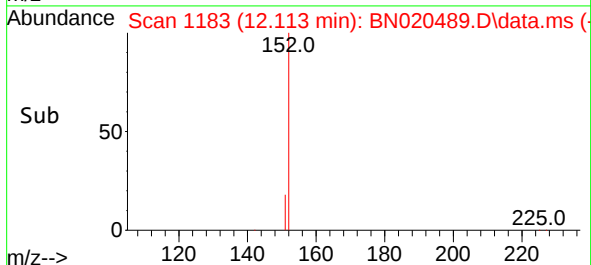
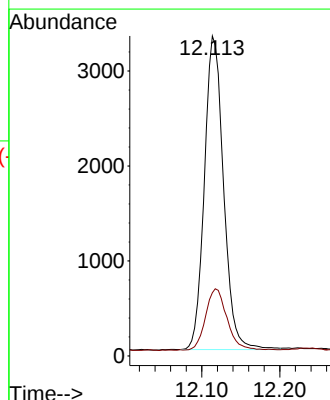
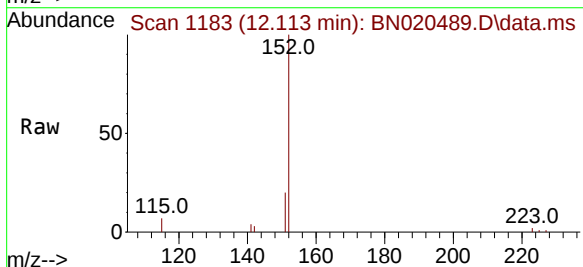
Instrument :
BNA_N
ClientSampleId :

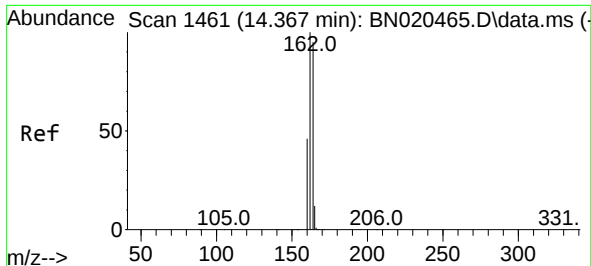
Tgt Ion:128 Resp: 4742
Ion Ratio Lower Upper
128 100
129 97.7 8.9 13.3#
127 39.7 10.8 16.2#



#11
2-Methylnaphthalene-d10
Concen: 0.337 ng
RT: 12.113 min Scan# 1183
Delta R.T. -0.008 min
Lab File: BN020489.D
Acq: 27 Jun 2022 08:09

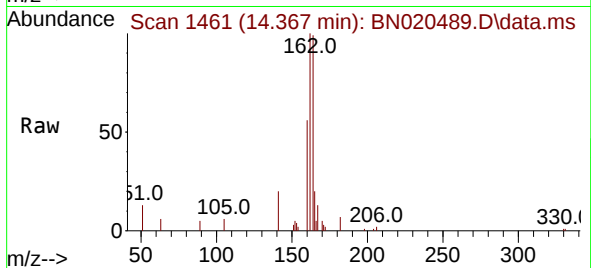
Tgt Ion:152 Resp: 5651
Ion Ratio Lower Upper
152 100
151 21.9 16.2 24.4



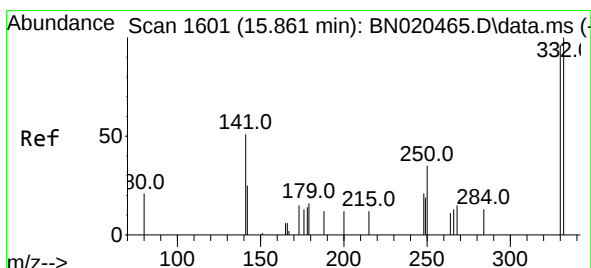
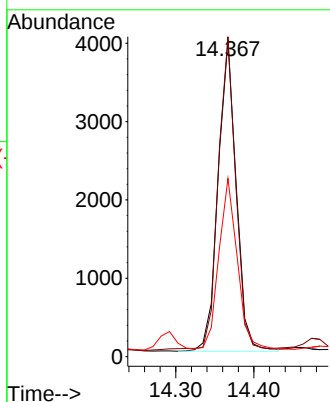
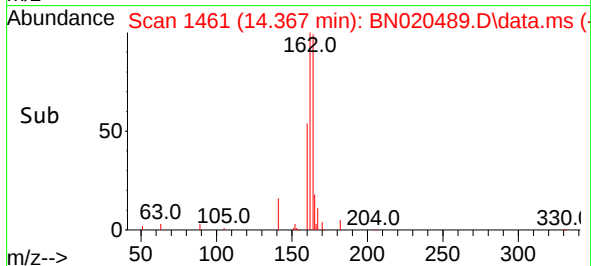


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.367 min Scan# 1461
Delta R.T. -0.000 min
Lab File: BN020489.D
Acq: 27 Jun 2022 08:09

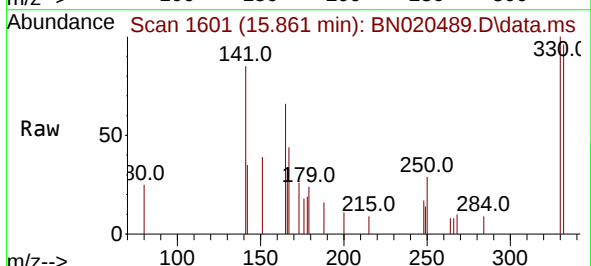
Instrument :
BNA_N
ClientSampleId :



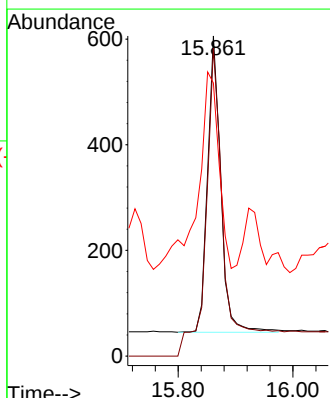
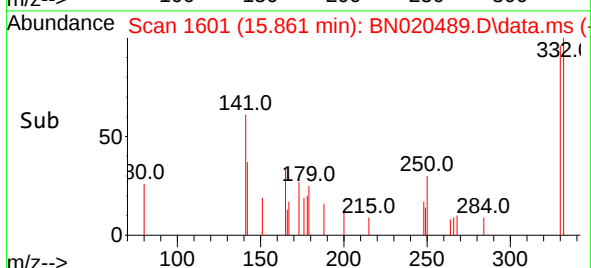
Tgt Ion:164 Resp: 6398
Ion Ratio Lower Upper
164 100
162 101.0 82.1 123.1
160 56.2 38.6 58.0

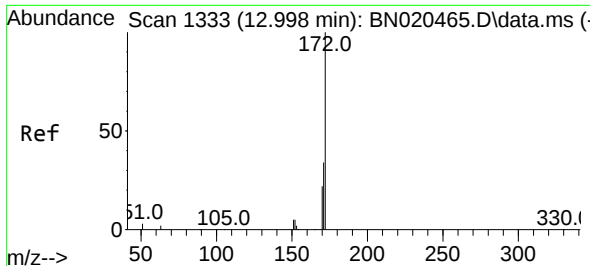


#14
2,4,6-Tribromophenol
Concen: 0.375 ng
RT: 15.861 min Scan# 1601
Delta R.T. -0.000 min
Lab File: BN020489.D
Acq: 27 Jun 2022 08:09



Tgt Ion:330 Resp: 903
Ion Ratio Lower Upper
330 100
332 145.7 77.6 116.4#
141 101.4 41.0 61.4#

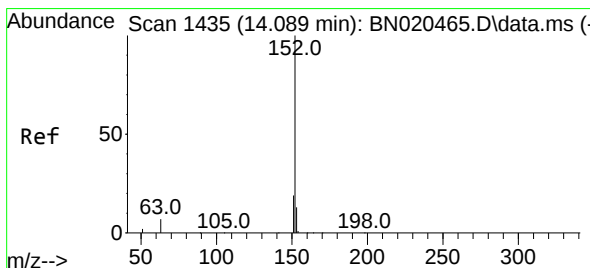
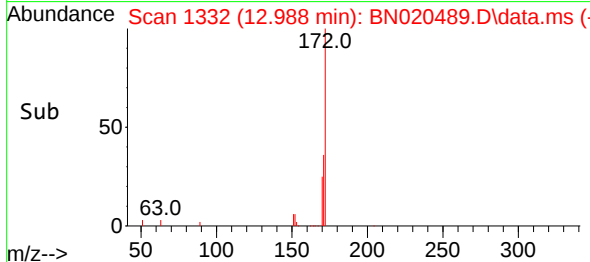
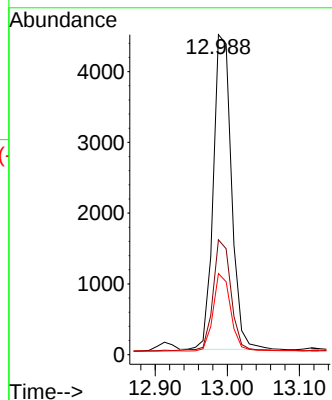
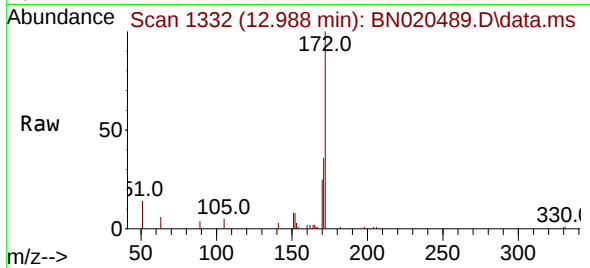




#15
2-Fluorobiphenyl
Concen: 0.294 ng
RT: 12.988 min Scan# 1332
Delta R.T. -0.011 min
Lab File: BN020489.D
Acq: 27 Jun 2022 08:09

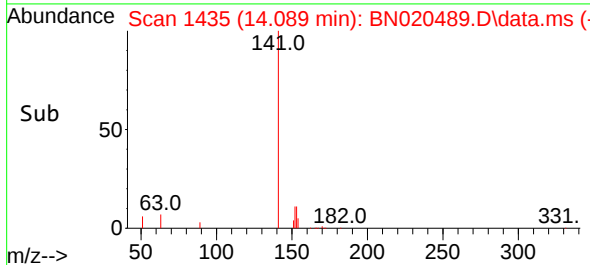
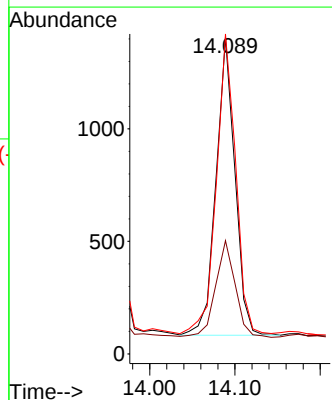
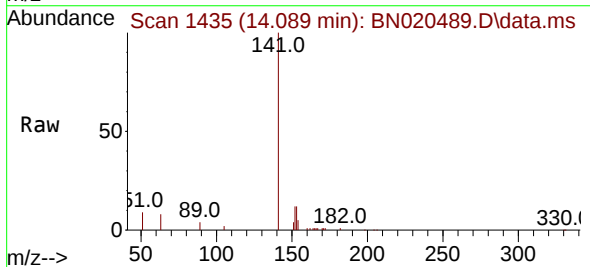
Instrument :
BNA_N
ClientSampleId :

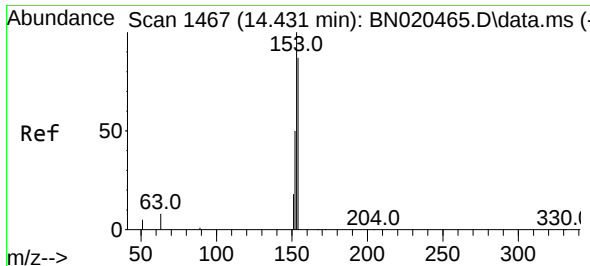
Tgt Ion:172 Resp: 7778
Ion Ratio Lower Upper
172 100
171 35.9 27.2 40.8
170 25.4 18.2 27.4



#16
Acenaphthylene
Concen: 0.067 ng
RT: 14.089 min Scan# 1435
Delta R.T. -0.000 min
Lab File: BN020489.D
Acq: 27 Jun 2022 08:09

Tgt Ion:152 Resp: 2045
Ion Ratio Lower Upper
152 100
151 33.7 16.2 24.4#
153 103.6 10.7 16.1#

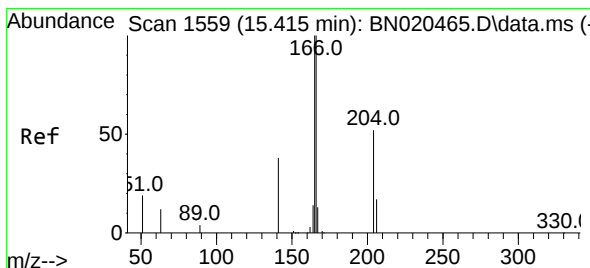
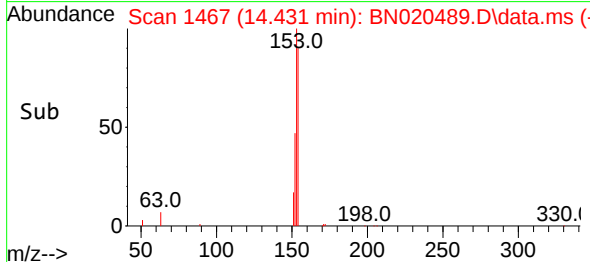
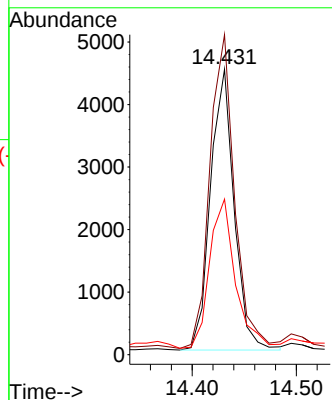
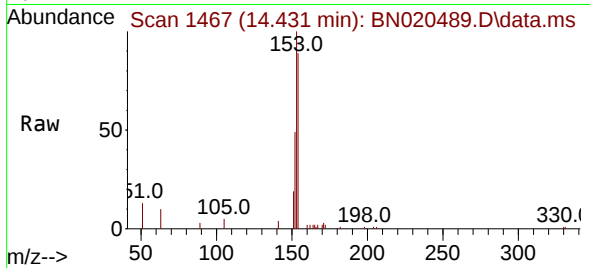




#17
Acenaphthene
Concen: 0.338 ng
RT: 14.431 min Scan# 1467
Delta R.T. -0.000 min
Lab File: BN020489.D
Acq: 27 Jun 2022 08:09

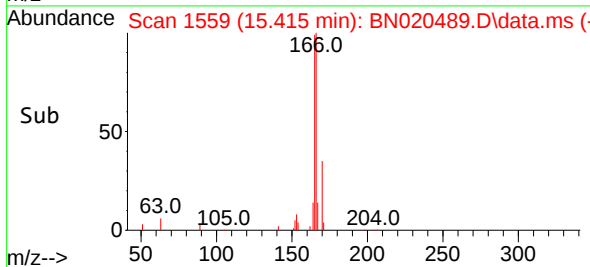
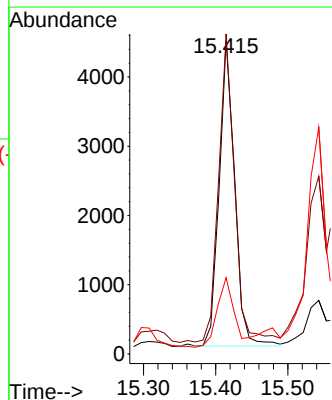
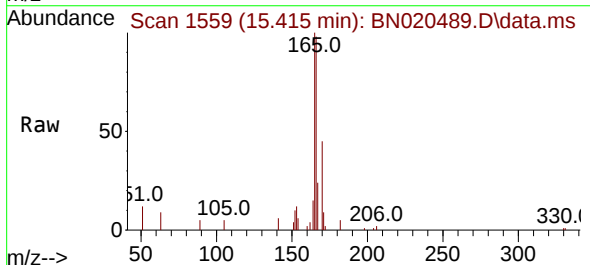
Instrument :
BNA_N
ClientSampleId :

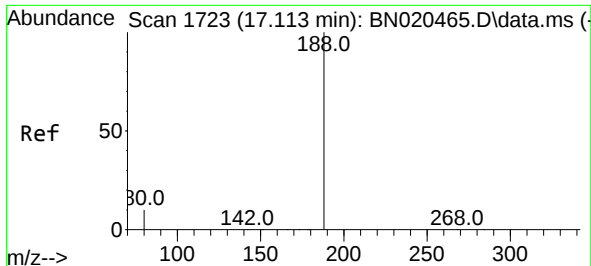
Tgt Ion:154 Resp: 7075
Ion Ratio Lower Upper
154 100
153 116.0 87.5 131.3
152 58.4 43.8 65.6



#18
Fluorene
Concen: 0.243 ng
RT: 15.415 min Scan# 1559
Delta R.T. -0.000 min
Lab File: BN020489.D
Acq: 27 Jun 2022 08:09

Tgt Ion:166 Resp: 6622
Ion Ratio Lower Upper
166 100
165 102.0 78.6 118.0
167 25.3 10.8 16.2#

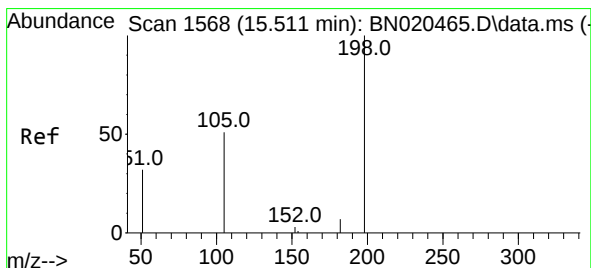
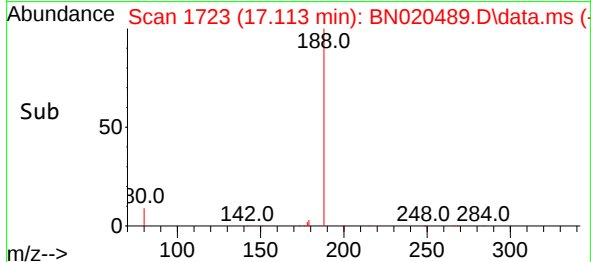
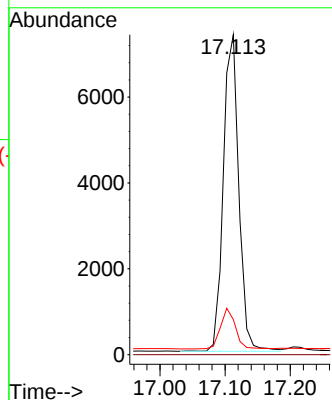
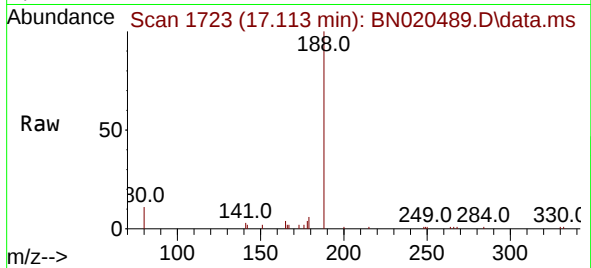




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.113 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN020489.D
Acq: 27 Jun 2022 08:09

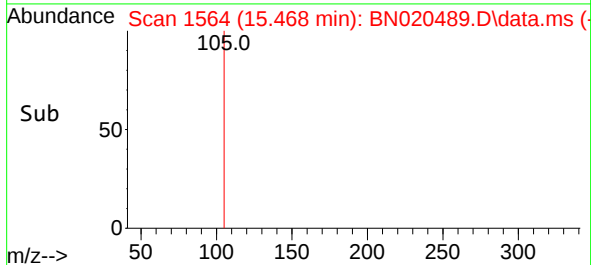
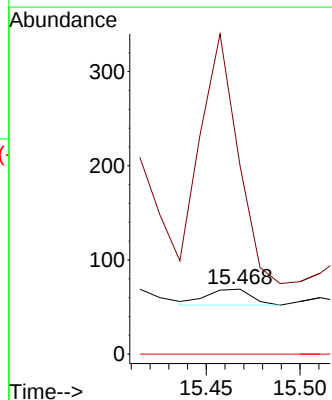
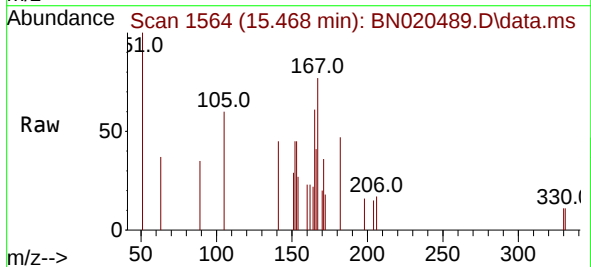
Instrument :
BNA_N
ClientSampleId :

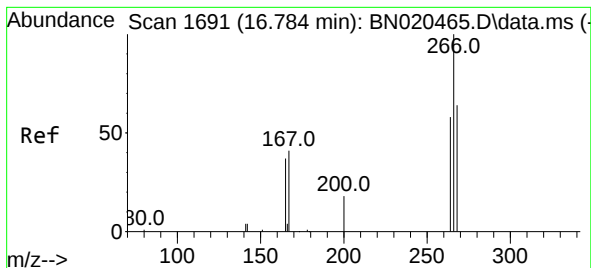
Tgt Ion:188 Resp: 12209
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.0 7.4 11.2



#20
4,6-Dinitro-2-methylphenol
Concen: 0.237 ng
RT: 15.468 min Scan# 1564
Delta R.T. -0.043 min
Lab File: BN020489.D
Acq: 27 Jun 2022 08:09

Tgt Ion:198 Resp: 28
Ion Ratio Lower Upper
198 100
182 289.9 12.1 18.1#
77 0.0 0.0 0.0





#24

Pentachlorophenol

Concen: 0.189 ng

RT: 16.784 min Scan# 1691

Delta R.T. 0.000 min

Lab File: BN020489.D

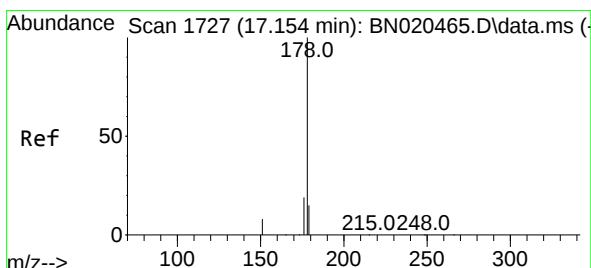
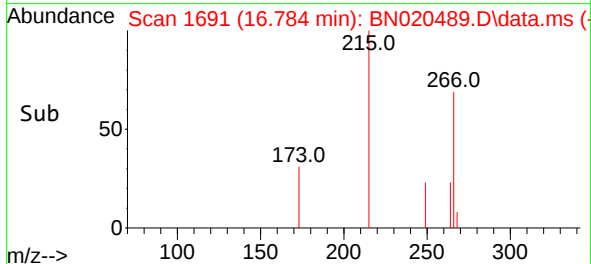
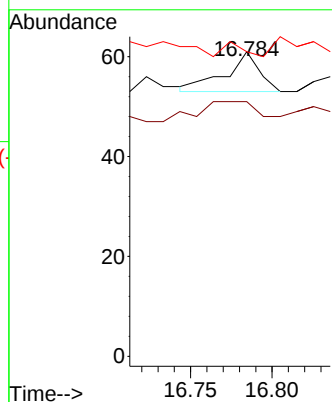
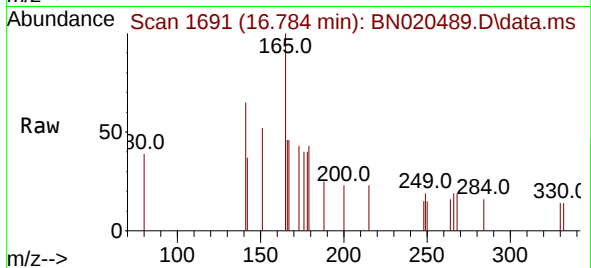
Acq: 27 Jun 2022 08:09

Instrument :

BNA_N

ClientSampleId :

Tgt Ion:	266	Resp:	12
Ion Ratio	Lower	Upper	
266	100		
264	0.0	51.3	76.9#
268	0.0	52.6	79.0#



#25

Phenanthrene

Concen: 0.226 ng

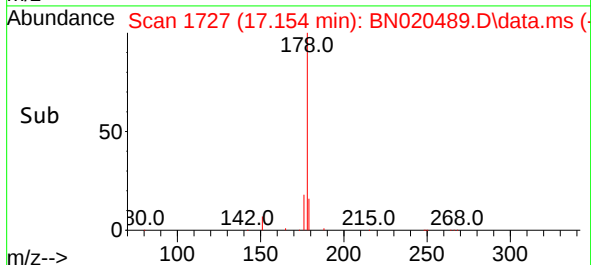
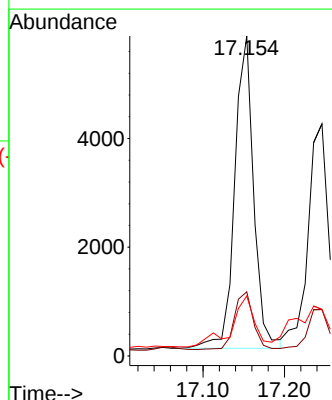
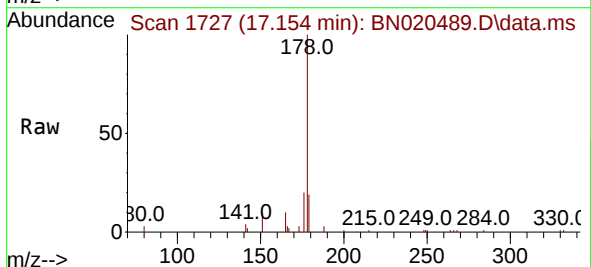
RT: 17.154 min Scan# 1727

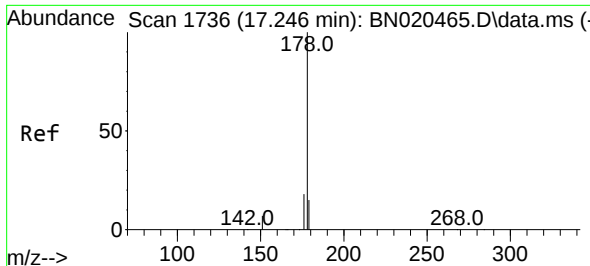
Delta R.T. -0.000 min

Lab File: BN020489.D

Acq: 27 Jun 2022 08:09

Tgt Ion:	178	Resp:	9294
Ion Ratio	Lower	Upper	
178	100		
176	18.5	15.3	22.9
179	20.1	12.2	18.4#

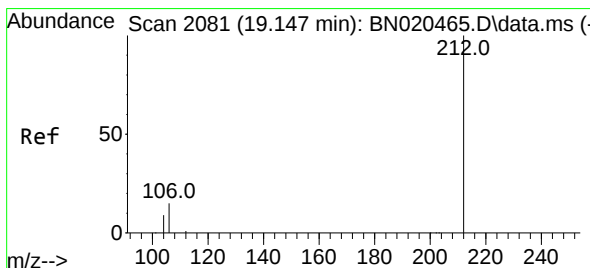
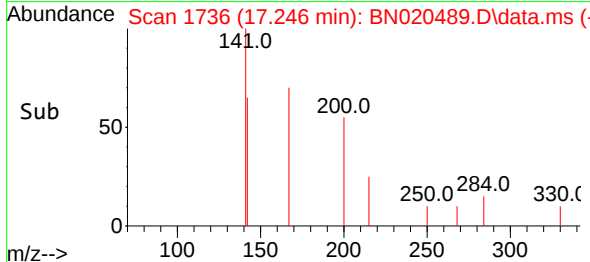
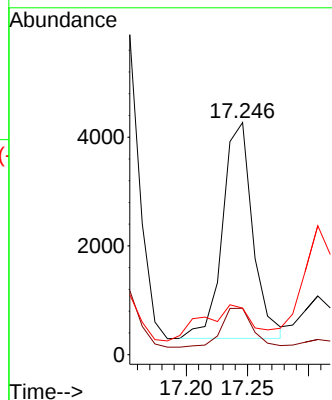
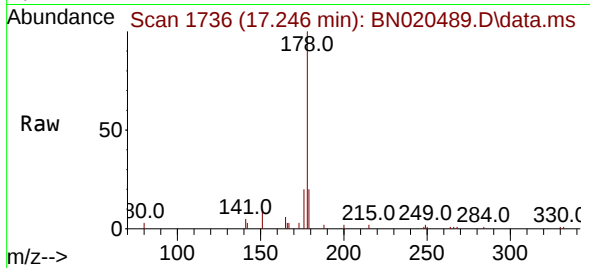




#26
 Anthracene
 Concen: 0.193 ng
 RT: 17.246 min Scan# 1736
 Delta R.T. -0.000 min
 Lab File: BN020489.D
 Acq: 27 Jun 2022 08:09

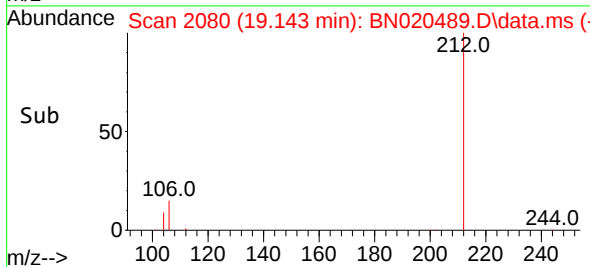
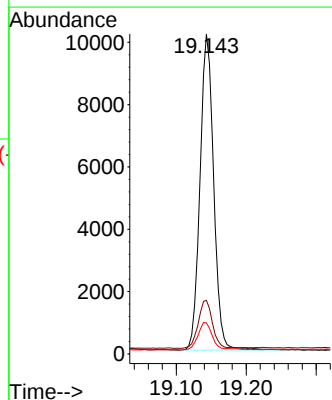
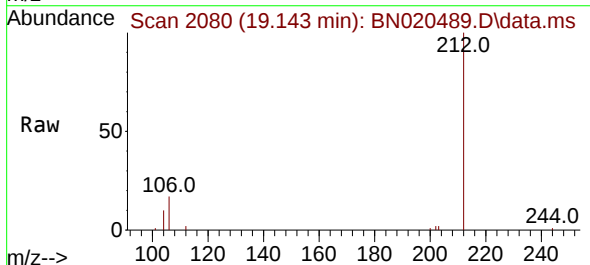
Instrument :
 BNA_N
 ClientSampleId :

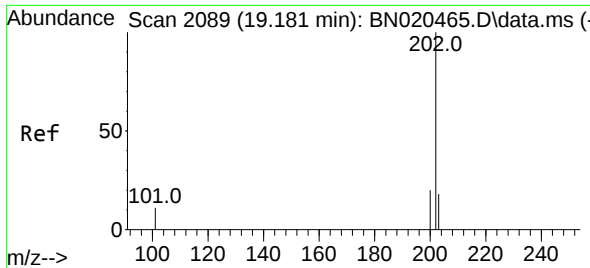
Tgt Ion:178 Resp: 6838
 Ion Ratio Lower Upper
 178 100
 176 18.5 14.9 22.3
 179 27.2 12.2 18.4#



#27
 Fluoranthene-d10
 Concen: 0.380 ng
 RT: 19.143 min Scan# 2080
 Delta R.T. -0.004 min
 Lab File: BN020489.D
 Acq: 27 Jun 2022 08:09

Tgt Ion:212 Resp: 13777
 Ion Ratio Lower Upper
 212 100
 106 15.7 12.6 19.0
 104 9.3 7.2 10.8

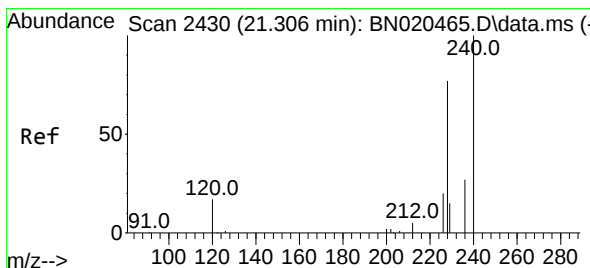
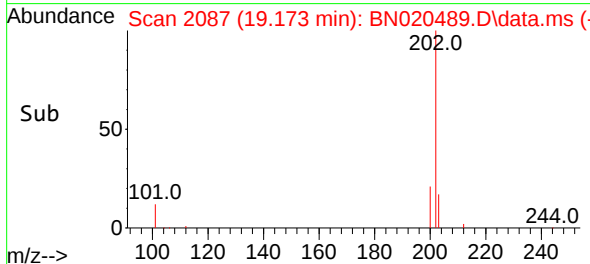
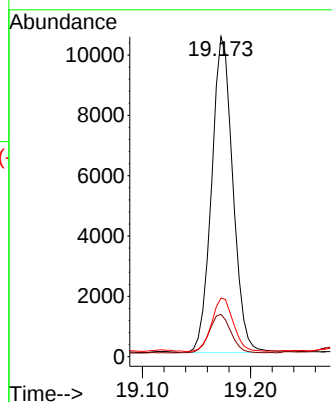
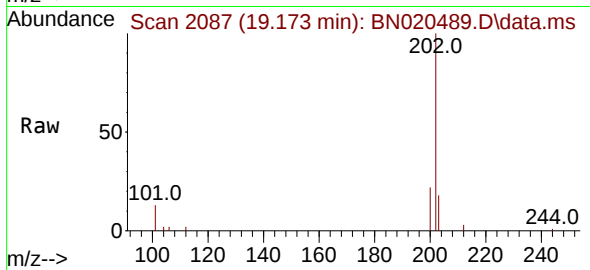




#28
Fluoranthene
Concen: 0.318 ng
RT: 19.173 min Scan# 2087
Delta R.T. -0.008 min
Lab File: BN020489.D
Acq: 27 Jun 2022 08:09

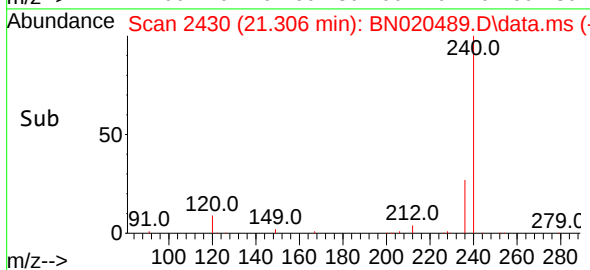
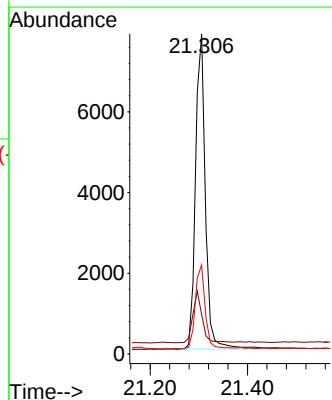
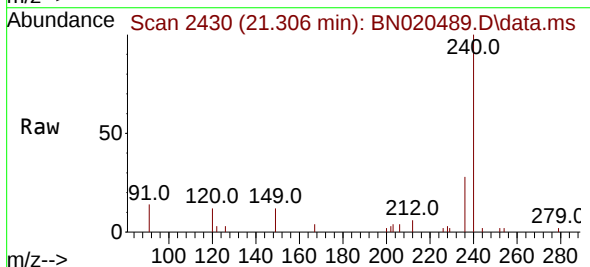
Instrument :
BNA_N
ClientSampleId :

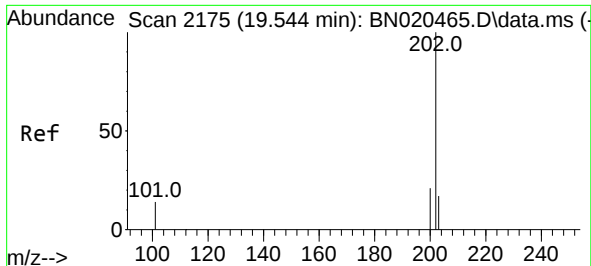
Tgt Ion:202 Resp: 14299
Ion Ratio Lower Upper
202 100
101 12.3 9.6 14.4
203 17.1 13.5 20.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.306 min Scan# 2430
Delta R.T. -0.000 min
Lab File: BN020489.D
Acq: 27 Jun 2022 08:09

Tgt Ion:240 Resp: 11086
Ion Ratio Lower Upper
240 100
120 12.3 14.6 21.8#
236 27.8 22.6 33.8

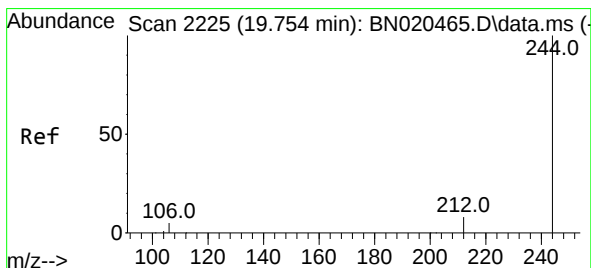
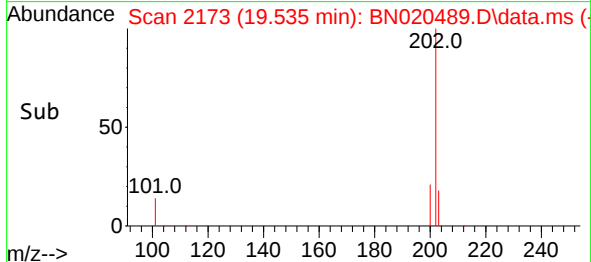
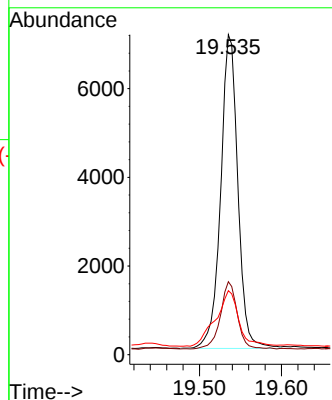
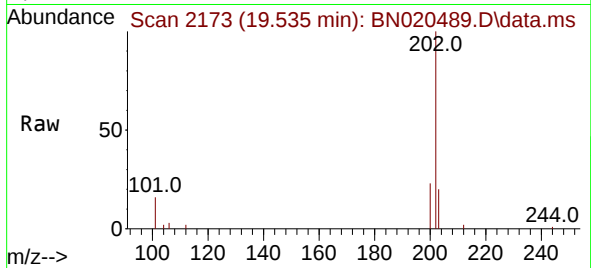




#30
Pyrene
Concen: 0.219 ng
RT: 19.535 min Scan# 2173
Delta R.T. -0.008 min
Lab File: BN020489.D
Acq: 27 Jun 2022 08:09

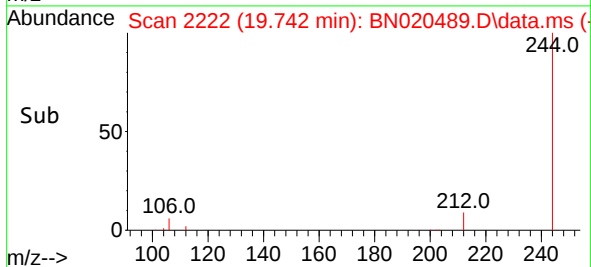
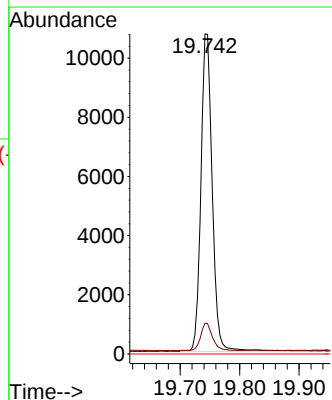
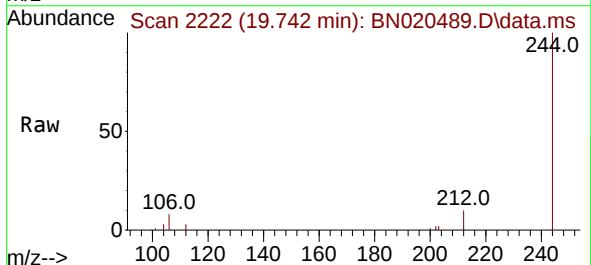
Instrument :
BNA_N
ClientSampleId :

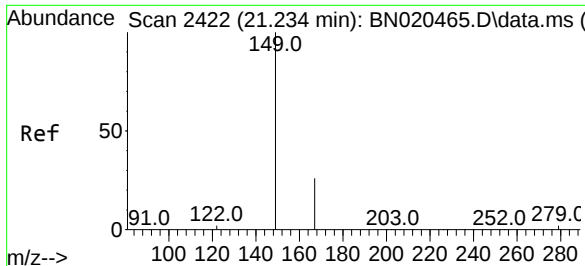
Tgt Ion:202 Resp: 10291
Ion Ratio Lower Upper
202 100
200 21.3 16.6 25.0
203 23.8 14.2 21.2#



#31
Terphenyl-d14
Concen: 0.533 ng
RT: 19.742 min Scan# 2222
Delta R.T. -0.013 min
Lab File: BN020489.D
Acq: 27 Jun 2022 08:09

Tgt Ion:244 Resp: 14134
Ion Ratio Lower Upper
244 100
212 9.6 7.1 10.7
122 0.0 0.0 0.0

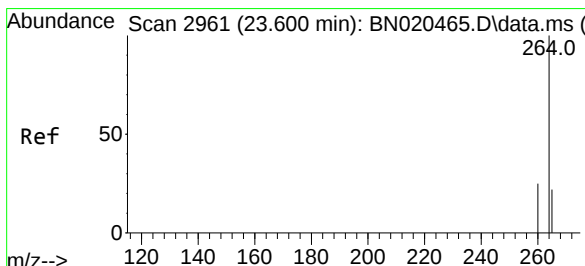
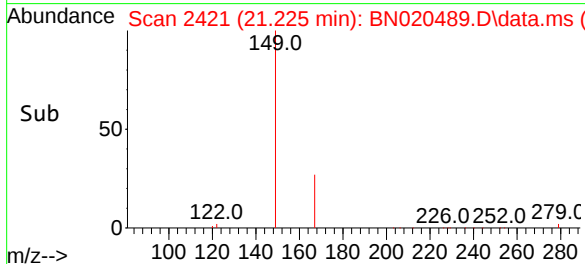
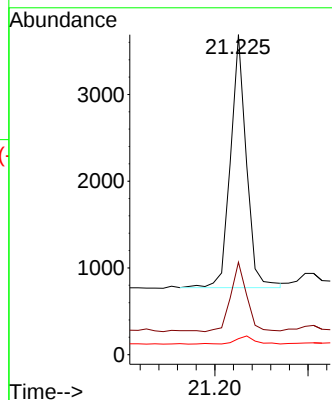
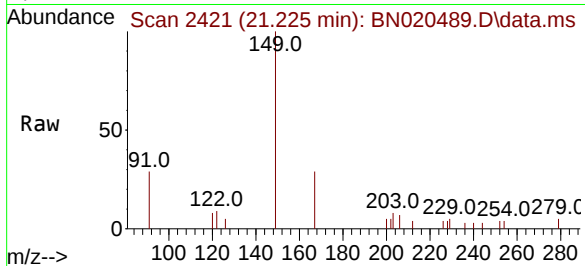




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.155 ng
 RT: 21.225 min Scan# 2421
 Delta R.T. -0.009 min
 Lab File: BN020489.D
 Acq: 27 Jun 2022 08:09

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:149 Resp: 3453
 Ion Ratio Lower Upper
 149 100
 167 28.0 21.7 32.5
 279 3.8 2.2 3.2#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.586 min Scan# 2956
 Delta R.T. -0.015 min
 Lab File: BN020489.D
 Acq: 27 Jun 2022 08:09

Tgt Ion:264 Resp: 10193
 Ion Ratio Lower Upper
 264 100
 260 25.7 20.9 31.3
 265 38.1 28.0 42.0

