

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052622\
 Data File : BN019971.D
 Acq On : 26 May 2022 13:41
 Operator : CG/JU
 Sample : N2978-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP-100-20220519

Quant Time: May 27 03:07:06 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 18 07:42:52 2022
 Response via : Initial Calibration

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

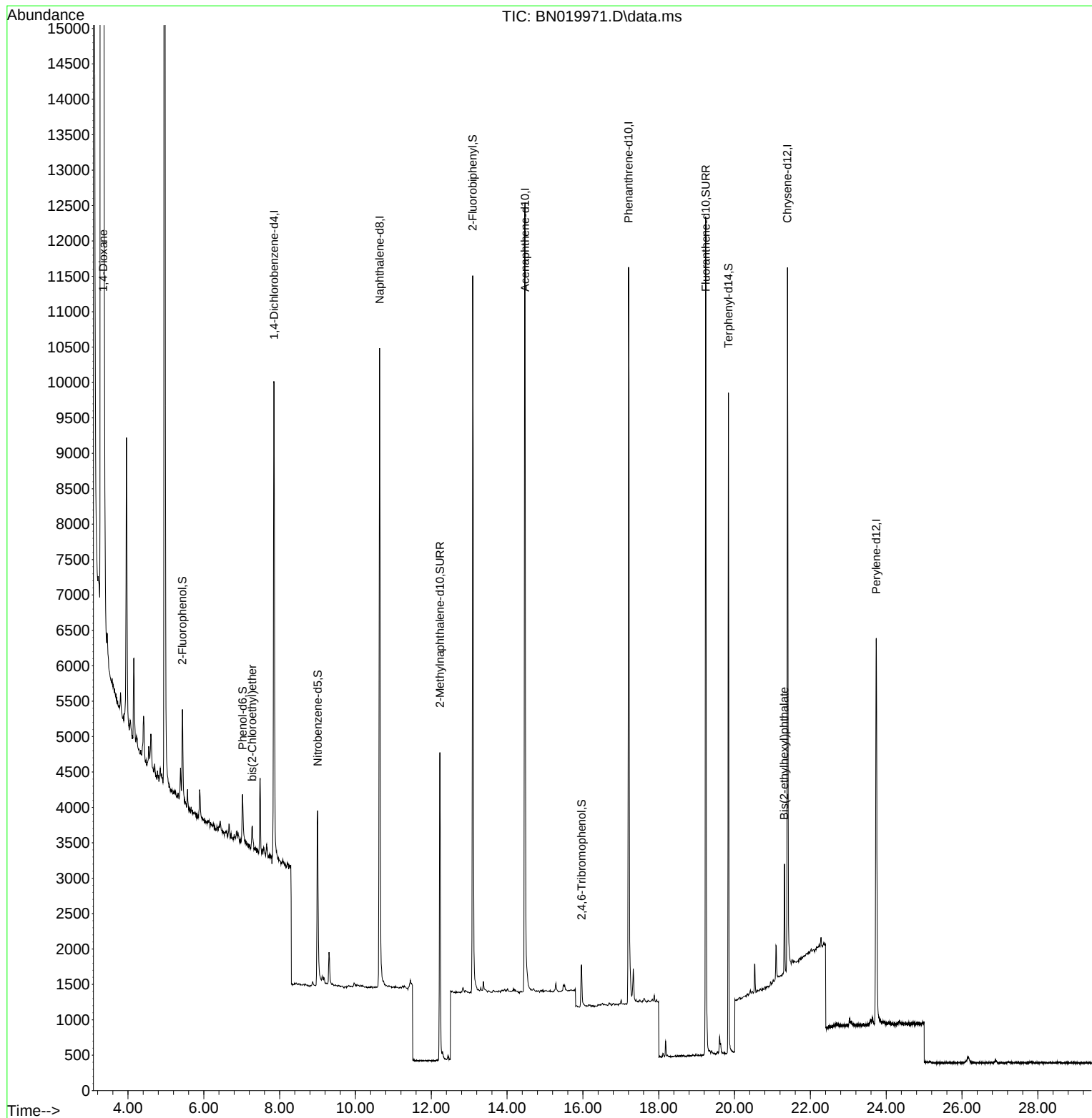
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	3736	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	12886	0.400	ng	# 0.00
13) Acenaphthene-d10	14.474	164	7929	0.400	ng	0.01
19) Phenanthrene-d10	17.205	188	15681	0.400	ng	# 0.00
29) Chrysene-d12	21.395	240	9716	0.400	ng	0.00
35) Perylene-d12	23.738	264	8112	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.435	112	1194	0.128	ng	0.00
5) Phenol-d6	7.024	99	796	0.068	ng	0.01
8) Nitrobenzene-d5	9.003	82	2589	0.266	ng	0.01
11) 2-Methylnaphthalene-d10	12.227	152	6437	0.287	ng	0.00
14) 2,4,6-Tribromophenol	15.964	330	409	0.130	ng	0.01
15) 2-Fluorobiphenyl	13.095	172	9453	0.273	ng	0.00
27) Fluoranthene-d10	19.240	212	13827	0.310	ng	0.00
31) Terphenyl-d14	19.839	244	10508	0.459	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.348	88	17169	3.872	ng	Qvalue 94
6) bis(2-Chloroethyl)ether	7.277	93	333	0.029	ng	95
34) Bis(2-ethylhexyl)phtha...	21.315	149	1486	0.101	ng	97

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

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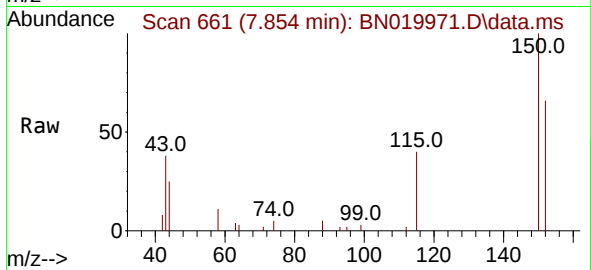
Quant Time: May 27 03:07:06 2022
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





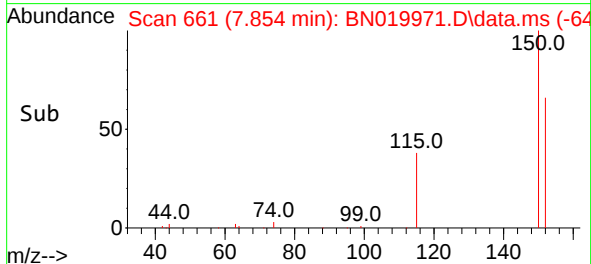
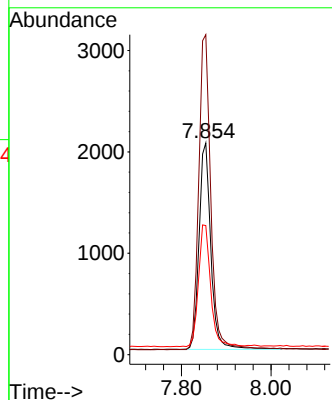
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.854 min Scan# 661
 Delta R.T. 0.007 min
 Lab File: BN019971.D
 Acq: 26 May 2022 13:41

Instrument :
 BNA_N
 ClientSampleId :
 SP-100-20220519



Tgt Ion:152 Resp: 3736

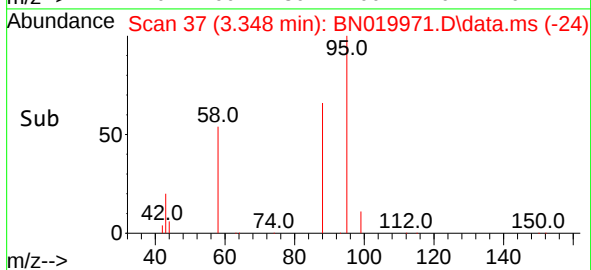
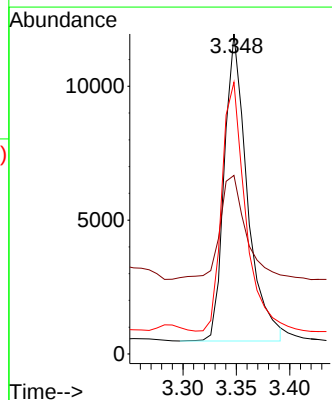
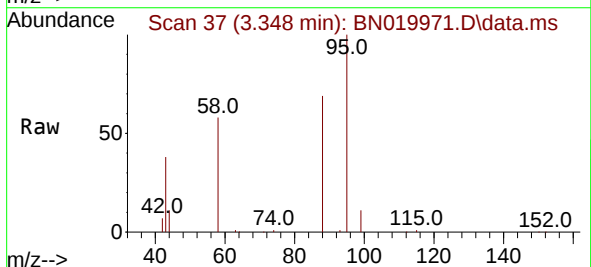
Ion	Ratio	Lower	Upper
152	100		
150	151.2	127.9	191.9
115	61.0	51.4	77.2

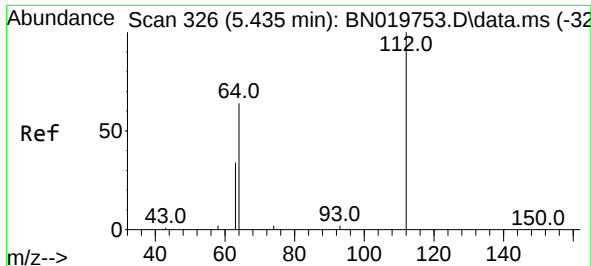


#2
 1,4-Dioxane
 Concen: 3.872 ng
 RT: 3.348 min Scan# 37
 Delta R.T. -0.007 min
 Lab File: BN019971.D
 Acq: 26 May 2022 13:41

Tgt Ion: 88 Resp: 17169

Ion	Ratio	Lower	Upper
88	100		
43	37.9	30.2	45.2
58	82.9	73.0	109.6

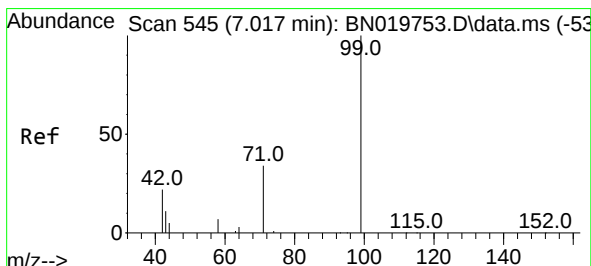
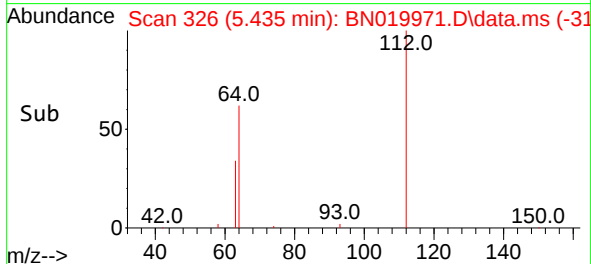
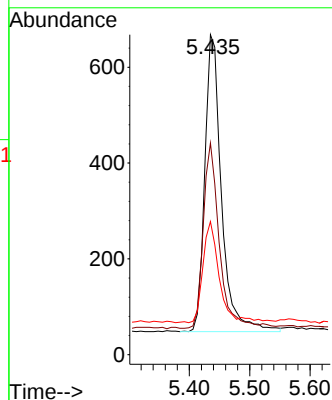
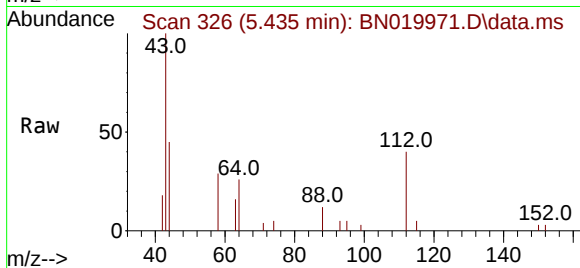




#4
2-Fluorophenol
Concen: 0.128 ng
RT: 5.435 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN019971.D
Acq: 26 May 2022 13:41

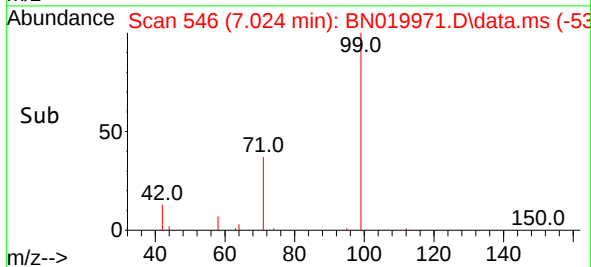
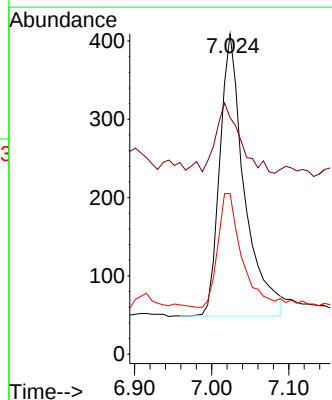
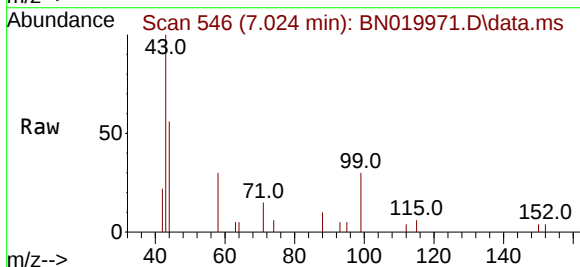
Instrument :
BNA_N
ClientSampleId :
SP-100-20220519

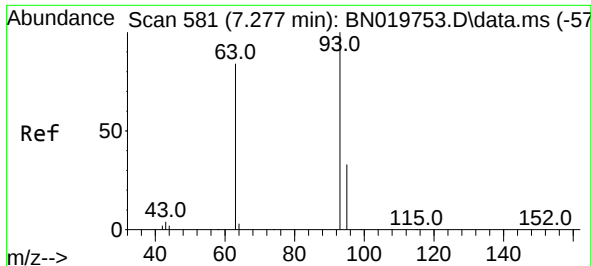
Tgt Ion:112 Resp: 1194
Ion Ratio Lower Upper
112 100
64 59.5 49.1 73.7
63 33.6 26.3 39.5



#5
Phenol-d6
Concen: 0.068 ng
RT: 7.024 min Scan# 546
Delta R.T. 0.014 min
Lab File: BN019971.D
Acq: 26 May 2022 13:41

Tgt Ion: 99 Resp: 796
Ion Ratio Lower Upper
99 100
42 25.0 19.3 28.9
71 38.9 27.5 41.3

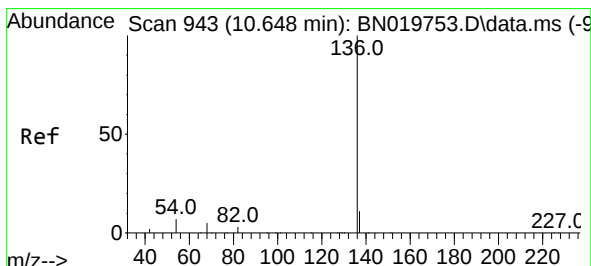
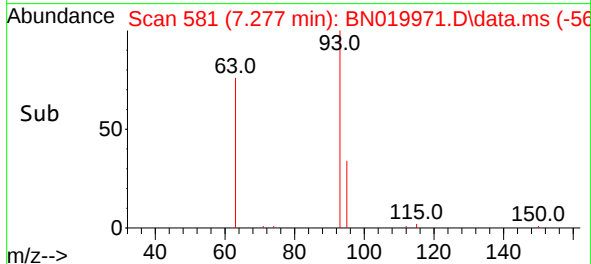
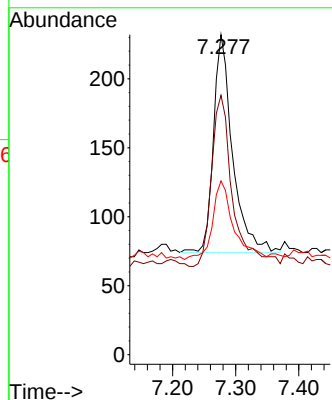
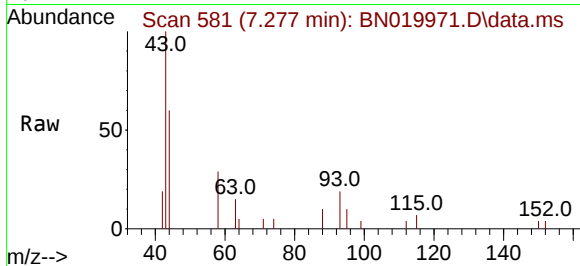




#6
bis(2-Chloroethyl)ether
Concen: 0.029 ng
RT: 7.277 min Scan# 581
Delta R.T. 0.007 min
Lab File: BN019971.D
Acq: 26 May 2022 13:41

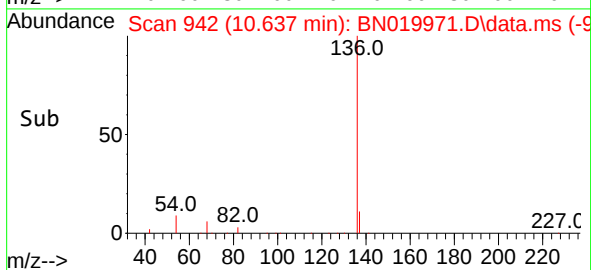
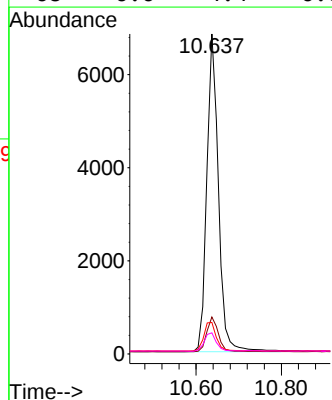
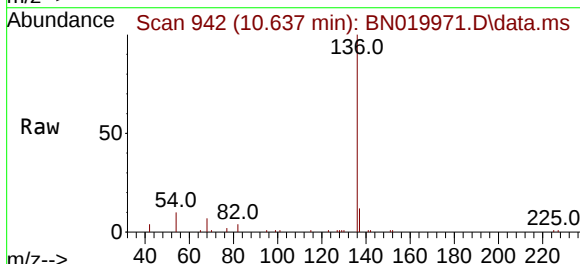
Instrument :
BNA_N
ClientSampleId :
SP-100-20220519

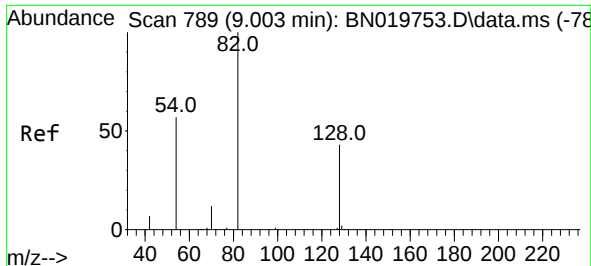
Tgt Ion: 93 Resp: 333
Ion Ratio Lower Upper
93 100
63 86.5 67.4 101.0
95 39.6 26.5 39.7



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 942
Delta R.T. -0.000 min
Lab File: BN019971.D
Acq: 26 May 2022 13:41

Tgt Ion: 136 Resp: 12886
Ion Ratio Lower Upper
136 100
137 11.6 9.0 13.6
54 9.8 6.2 9.2#
68 6.6 4.4 6.6#

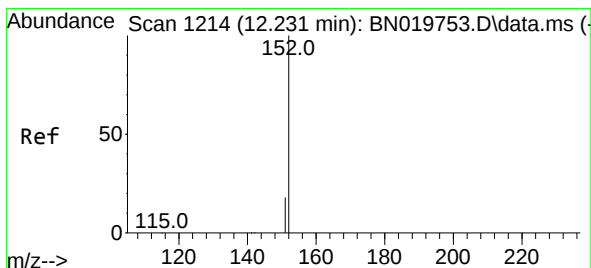
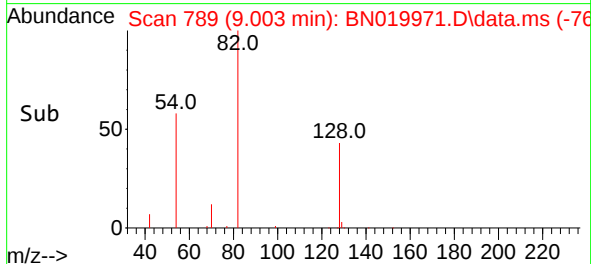
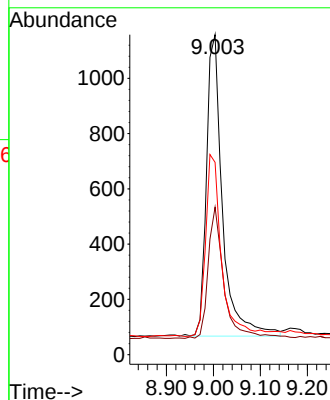
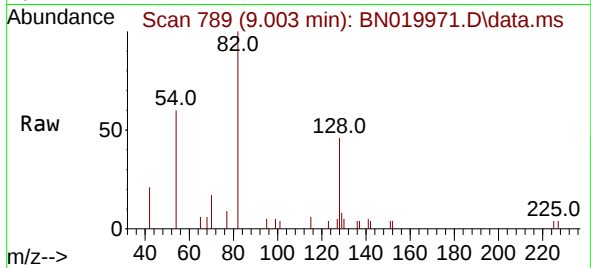




#8
Nitrobenzene-d5
Concen: 0.266 ng
RT: 9.003 min Scan# 789
Delta R.T. 0.011 min
Lab File: BN019971.D
Acq: 26 May 2022 13:41

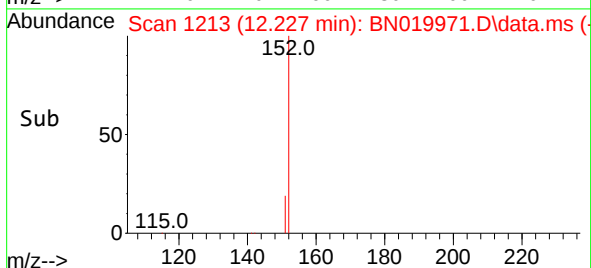
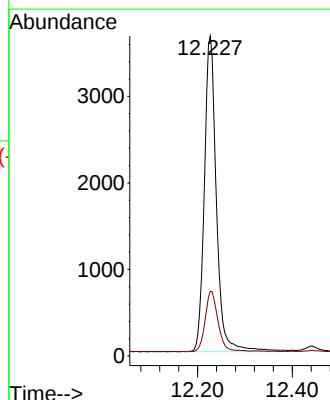
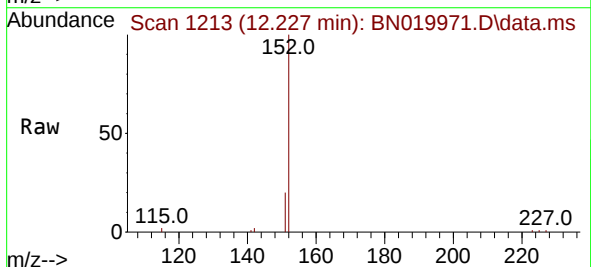
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ClientSampleId :
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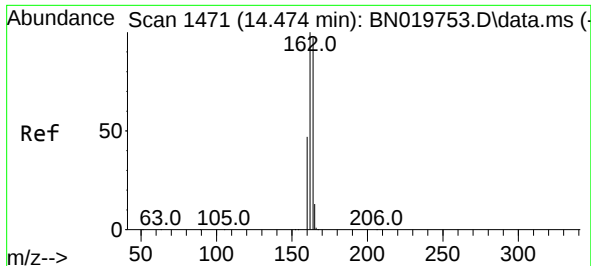
Tgt Ion: 82 Resp: 2589
Ion Ratio Lower Upper
82 100
128 46.1 35.0 52.6
54 60.1 46.2 69.4



#11
2-Methylnaphthalene-d10
Concen: 0.287 ng
RT: 12.227 min Scan# 1213
Delta R.T. -0.000 min
Lab File: BN019971.D
Acq: 26 May 2022 13:41

Tgt Ion: 152 Resp: 6437
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4

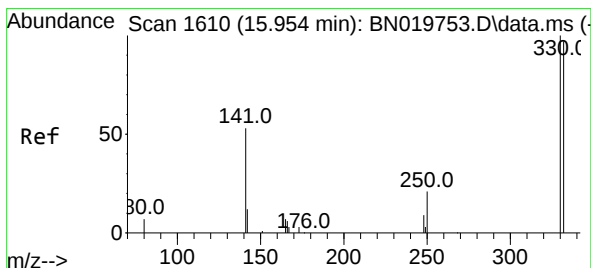
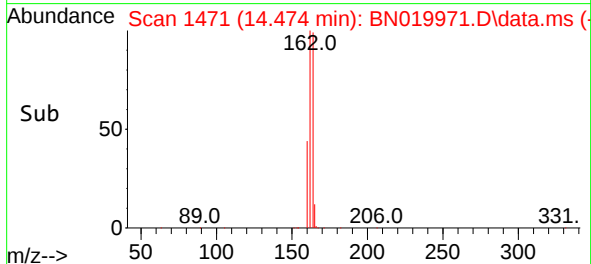
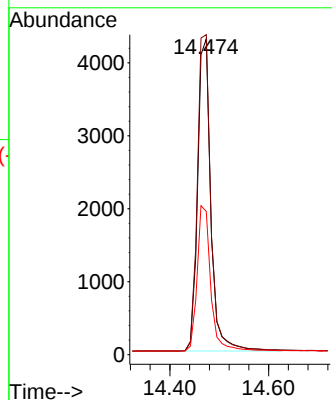
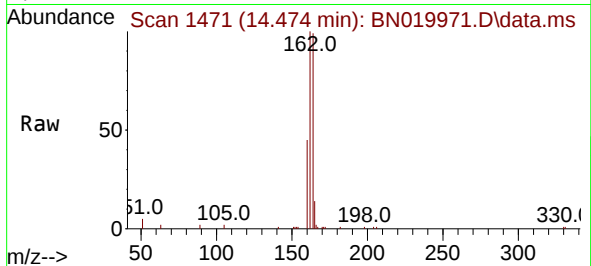




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.474 min Scan# 1471
Delta R.T. 0.011 min
Lab File: BN019971.D
Acq: 26 May 2022 13:41

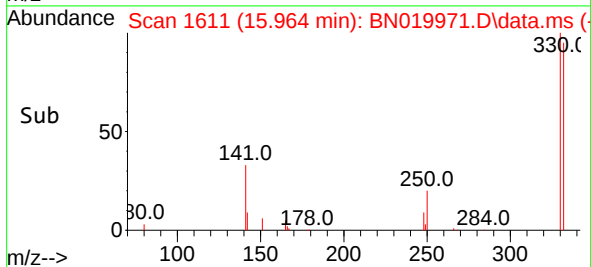
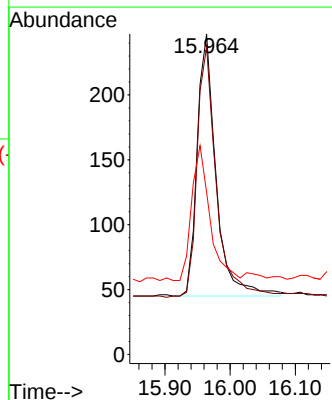
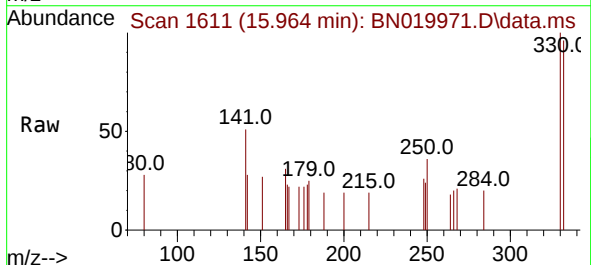
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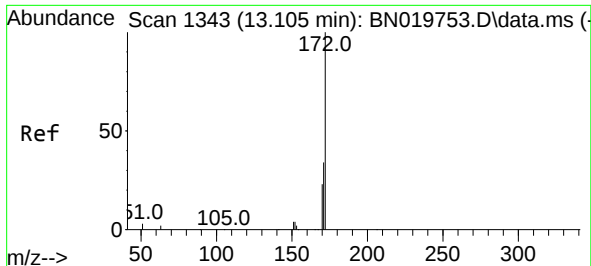
Tgt Ion:164 Resp: 7929
Ion Ratio Lower Upper
164 100
162 101.3 82.1 123.1
160 45.4 38.6 58.0



#14
2,4,6-Tribromophenol
Concen: 0.130 ng
RT: 15.964 min Scan# 1611
Delta R.T. 0.010 min
Lab File: BN019971.D
Acq: 26 May 2022 13:41

Tgt Ion:330 Resp: 409
Ion Ratio Lower Upper
330 100
332 97.3 77.6 116.4
141 49.1 41.0 61.4

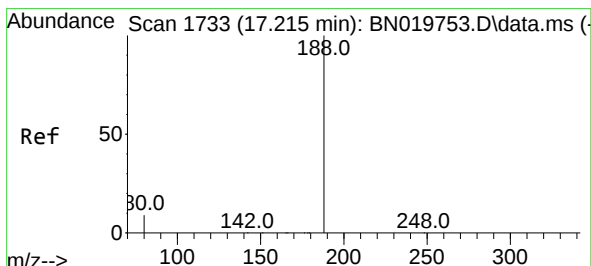
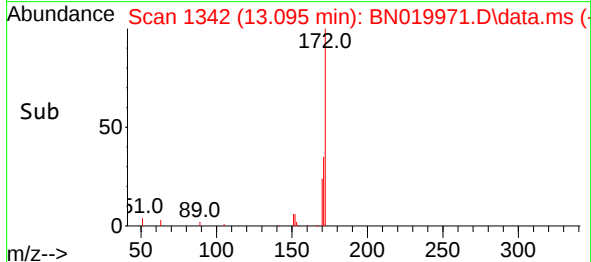
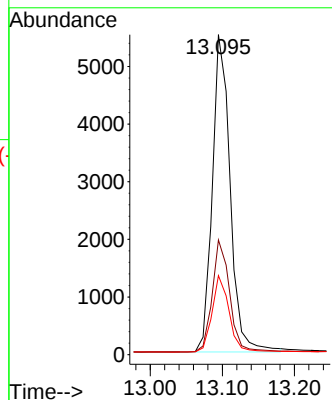
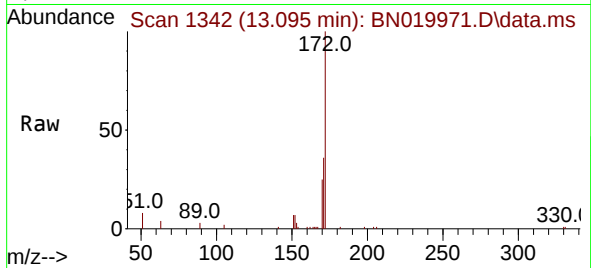




#15
2-Fluorobiphenyl
Concen: 0.273 ng
RT: 13.095 min Scan# 1342
Delta R.T. -0.000 min
Lab File: BN019971.D
Acq: 26 May 2022 13:41

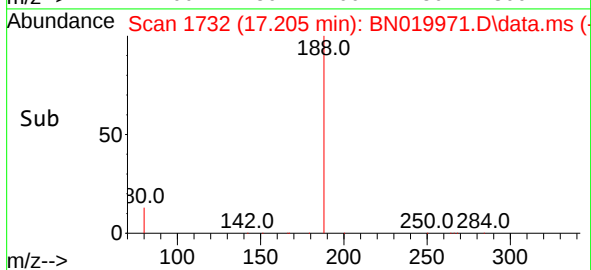
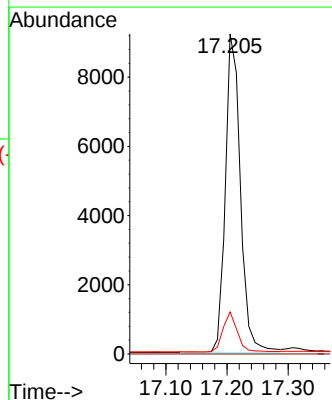
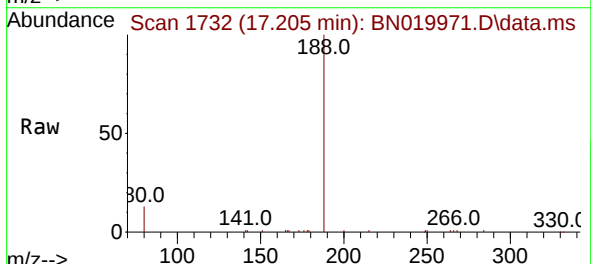
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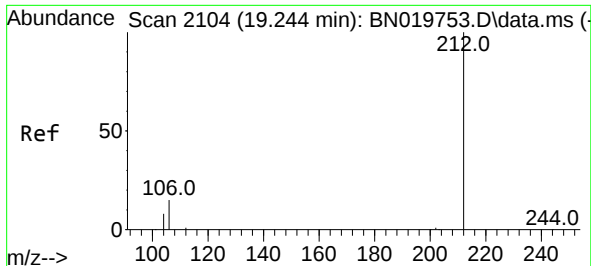
Tgt Ion:172 Resp: 9453
Ion Ratio Lower Upper
172 100
171 35.8 27.2 40.8
170 24.7 18.2 27.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.205 min Scan# 1732
Delta R.T. -0.000 min
Lab File: BN019971.D
Acq: 26 May 2022 13:41

Tgt Ion:188 Resp: 15681
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.1 7.4 11.2#

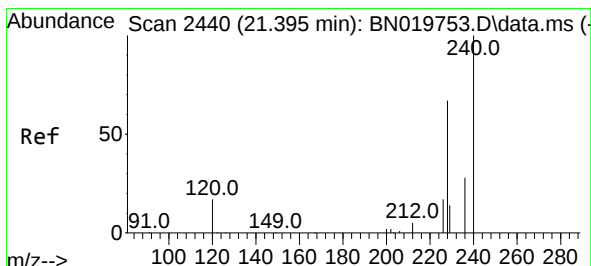
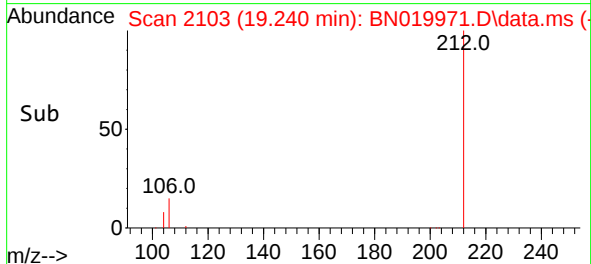
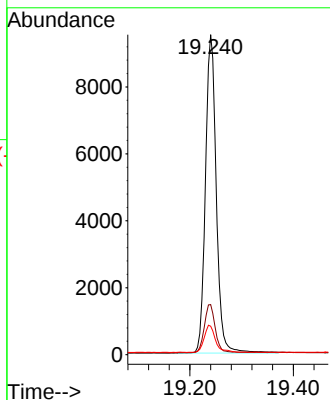
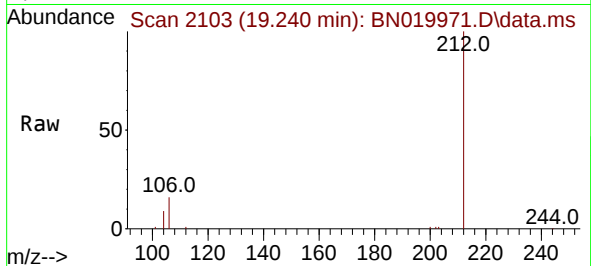




#27
Fluoranthene-d10
Concen: 0.310 ng
RT: 19.240 min Scan# 2104
Delta R.T. -0.000 min
Lab File: BN019971.D
Acq: 26 May 2022 13:41

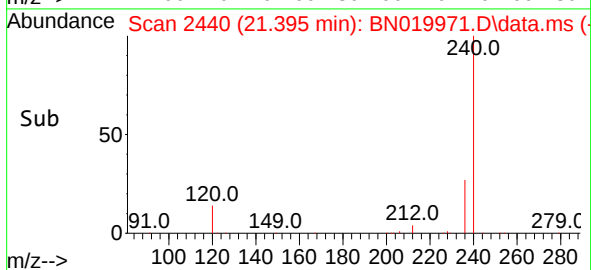
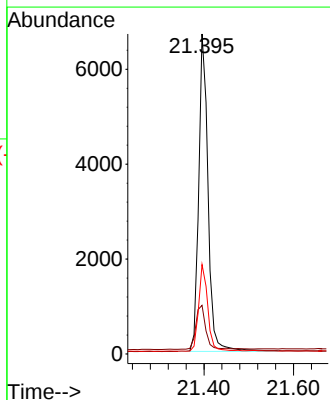
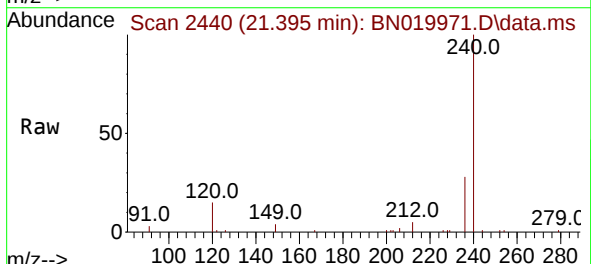
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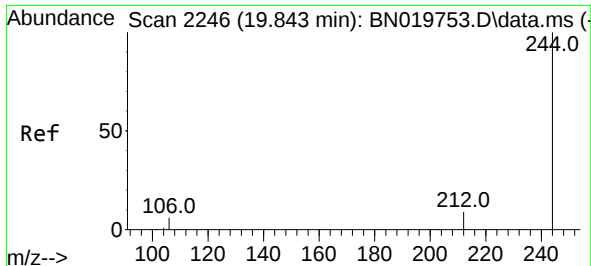
Tgt Ion:212 Resp: 13827
Ion Ratio Lower Upper
212 100
106 15.3 12.6 19.0
104 9.0 7.2 10.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.395 min Scan# 2440
Delta R.T. -0.009 min
Lab File: BN019971.D
Acq: 26 May 2022 13:41

Tgt Ion:240 Resp: 9716
Ion Ratio Lower Upper
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120 15.2 14.6 21.8
236 27.9 22.6 33.8

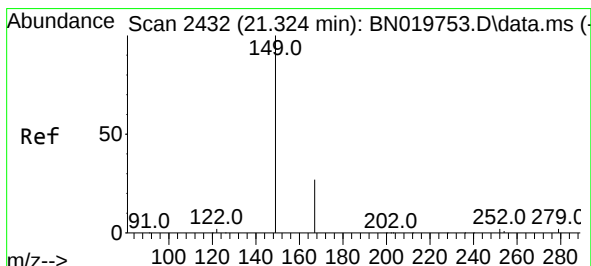
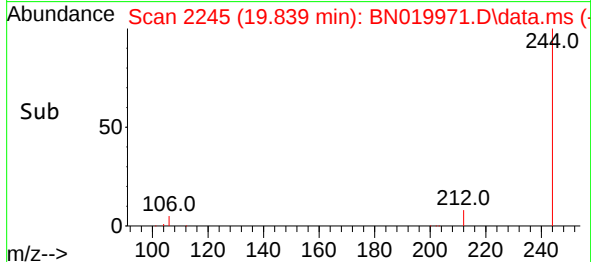
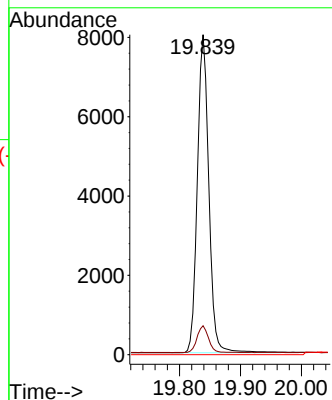
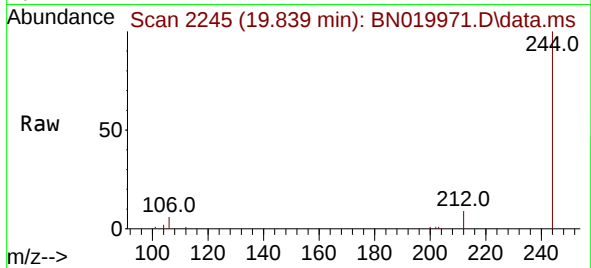




#31
 Terphenyl-d14
 Concen: 0.459 ng
 RT: 19.839 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BN019971.D
 Acq: 26 May 2022 13:41

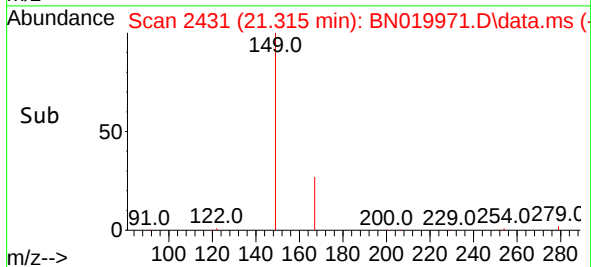
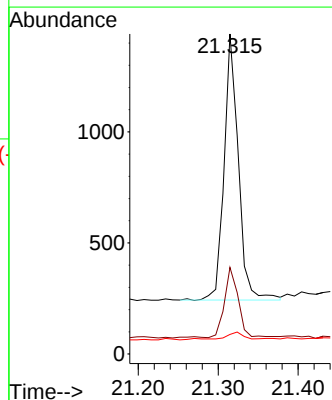
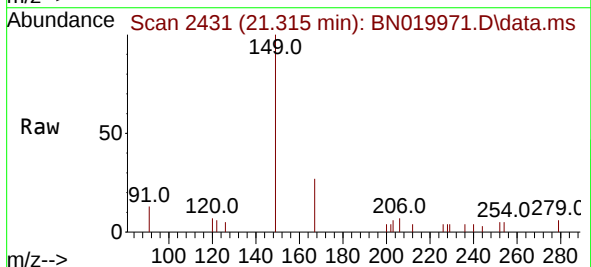
Instrument :
 BNA_N
 ClientSampleId :
 SP-100-20220519

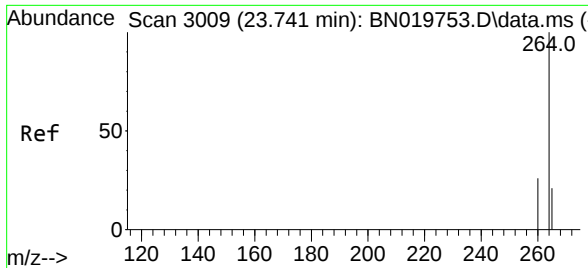
Tgt Ion:244 Resp: 10508
 Ion Ratio Lower Upper
 244 100
 212 9.0 7.1 10.7
 122 0.0 0.0 0.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.101 ng
 RT: 21.315 min Scan# 2431
 Delta R.T. -0.009 min
 Lab File: BN019971.D
 Acq: 26 May 2022 13:41

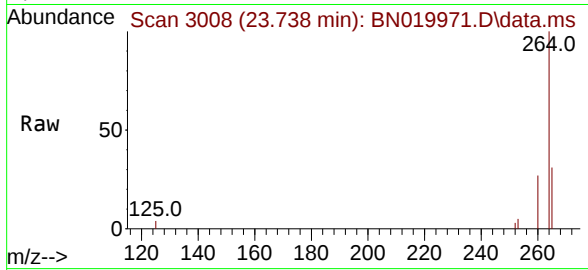
Tgt Ion:149 Resp: 1486
 Ion Ratio Lower Upper
 149 100
 167 25.5 21.7 32.5
 279 2.6 2.2 3.2





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.738 min Scan# 30
 Delta R.T. -0.003 min
 Lab File: BN019971.D
 Acq: 26 May 2022 13:41

Instrument :
 BNA_N
 ClientSampleId :
 SP-100-20220519



Tgt Ion:264 Resp: 8112

Ion	Ratio	Lower	Upper
264	100		
260	26.6	20.9	31.3
265	31.0	28.0	42.0

