

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030221\
 Data File : BN013811.D
 Acq On : 02 Mar 2021 16:26
 Operator : CG/JU
 Sample : M1535-03DL 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GW807B-41-46-022721DL

Quant Time: Mar 02 17:10:58 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 25 11:31:11 2021
 Response via : Initial Calibration

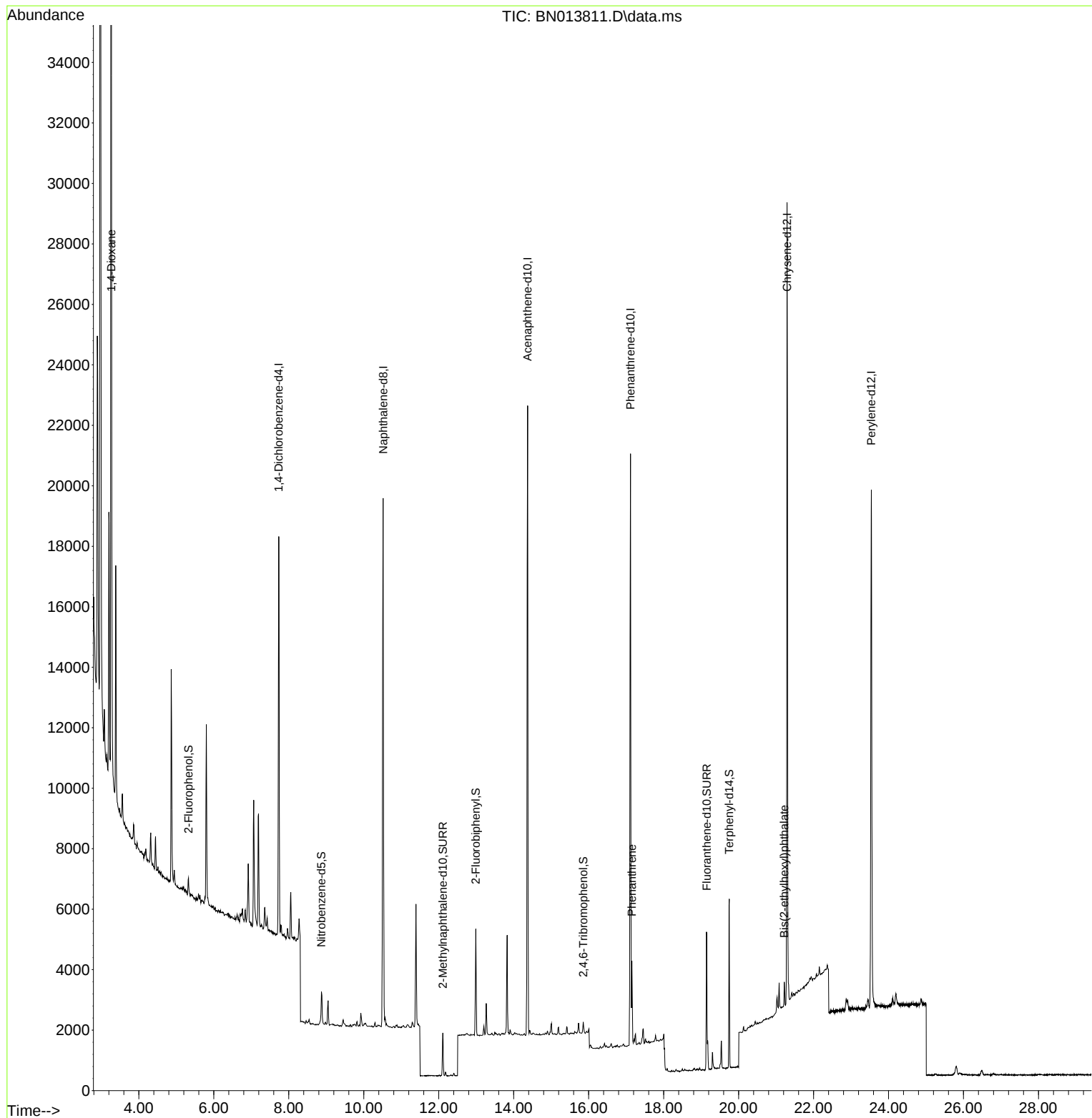
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.732	152	6045	0.40	ng	0.00
7) Naphthalene-d8	10.518	136	23157	0.40	ng	-0.01
13) Acenaphthene-d10	14.371	164	12358	0.40	ng	0.00
19) Phenanthrene-d10	17.116	188	26456	0.40	ng	#-0.01
29) Chrysene-d12	21.292	240	24951	0.40	ng	0.00
36) Perylene-d12	23.541	264	22886	0.40	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.324	112	410	0.03	ng	0.00
5) Phenol-d6	6.895	99	337	0.02	ng	0.00
8) Nitrobenzene-d5	8.870	82	977	0.07	ng	-0.01
11) 2-Methylnaphthalene-d10	12.111	152	1863	0.05	ng	0.00
14) 2,4,6-Tribromophenol	15.856	330	260	0.05	ng	-0.01
15) 2-Fluorobiphenyl	12.989	172	2898	0.07	ng	-0.01
27) Fluoranthene-d10	19.149	212	5011	0.06	ng	0.00
31) Terphenyl-d14	19.749	244	5294	0.10	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.263	88	26807	3.67	ng	98
25) Phenanthrene	17.153	178	2796	0.04	ng	99
34) Bis(2-ethylhexyl)phtha...	21.218	149	875	0.02	ng	# 98

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

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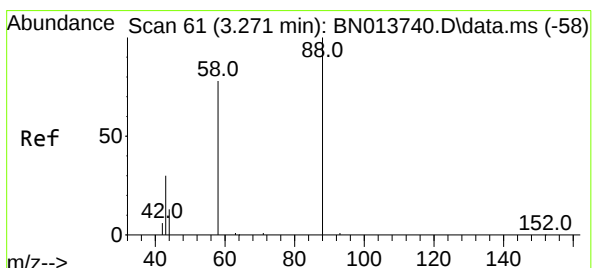
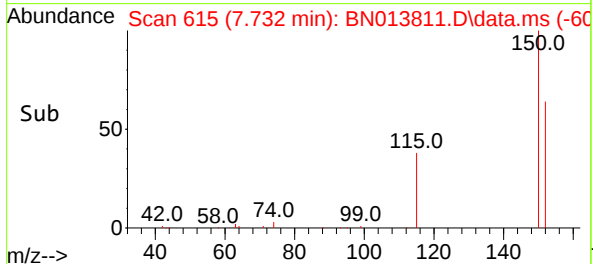
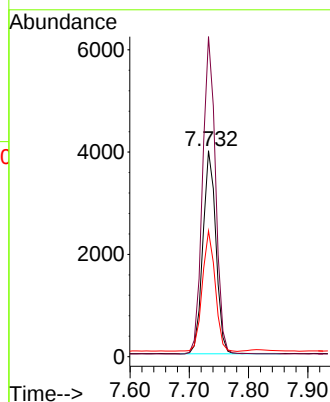
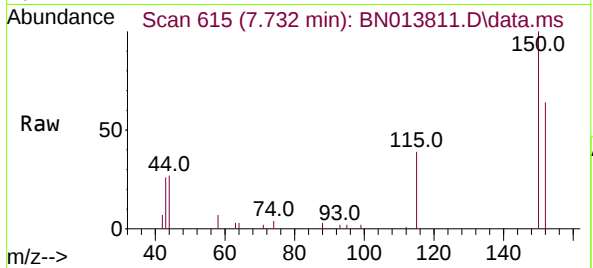




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.732 min Scan# 615
Delta R.T. -0.009 min
Lab File: BN013811.D
Acq: 02 Mar 2021 16:26

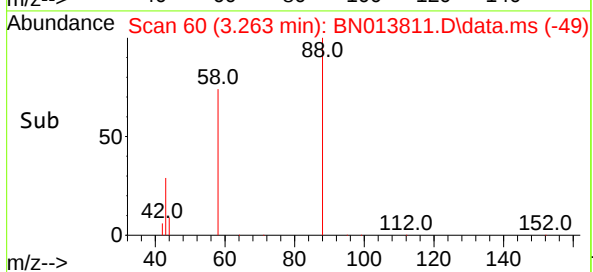
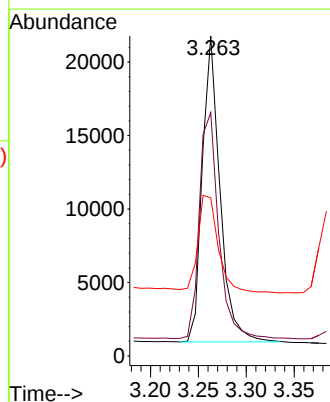
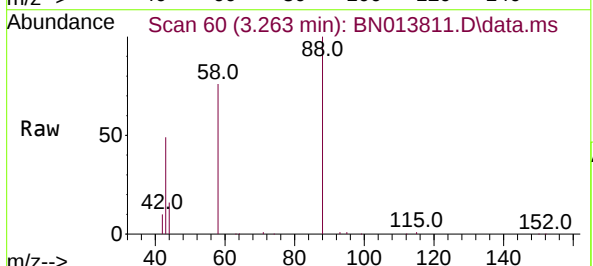
Instrument :
BNA_N
ClientSampleId :
GW807B-41-46-022721DL

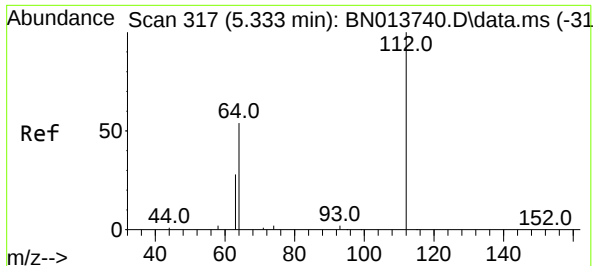
Tgt Ion:152 Resp: 6045
Ion Ratio Lower Upper
152 100
150 155.5 121.8 182.8
115 61.1 46.6 69.8



#2
1,4-Dioxane
Concen: 3.67 ng
RT: 3.263 min Scan# 60
Delta R.T. -0.008 min
Lab File: BN013811.D
Acq: 02 Mar 2021 16:26

Tgt Ion: 88 Resp: 26807
Ion Ratio Lower Upper
88 100
58 80.8 64.6 96.8
43 37.0 26.6 40.0

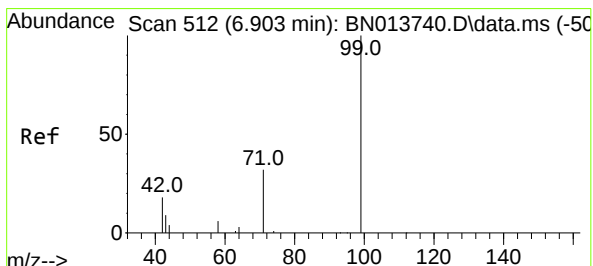
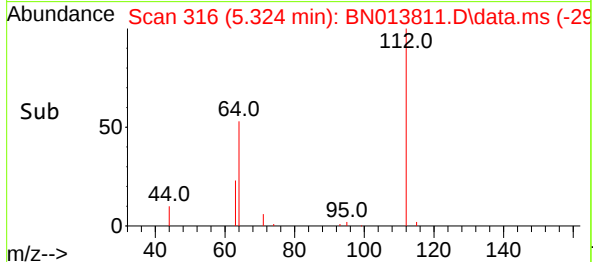
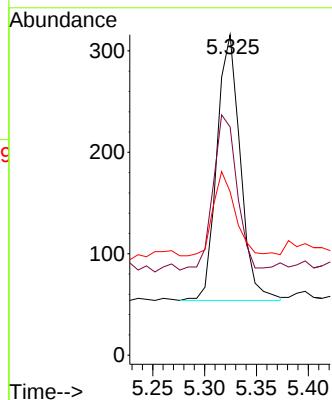
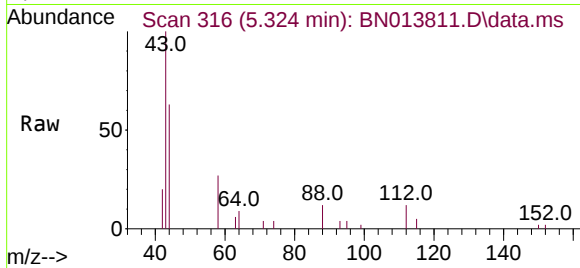




#4
2-Fluorophenol
Concen: 0.03 ng
RT: 5.324 min Scan# 316
Delta R.T. -0.000 min
Lab File: BN013811.D
Acq: 02 Mar 2021 16:26

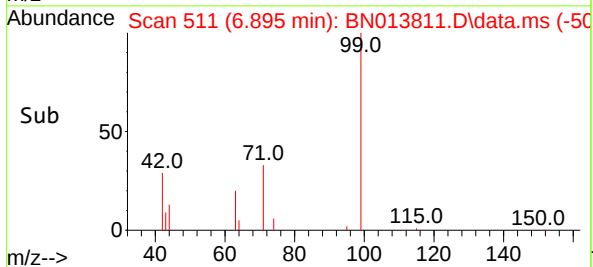
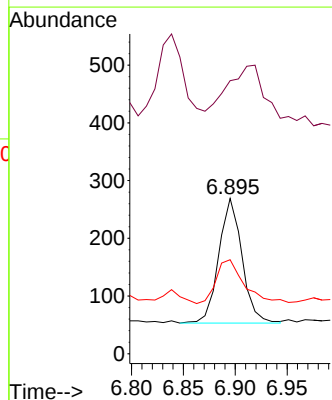
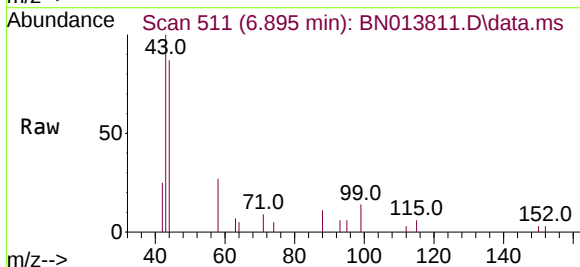
Instrument :
BNA_N
ClientSampleId :
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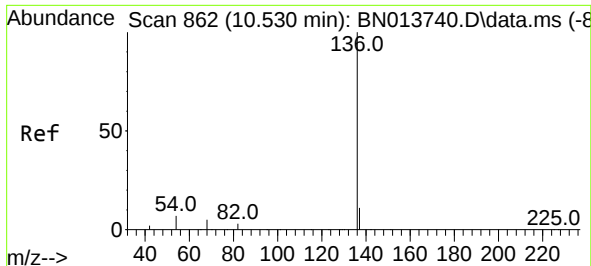
Tgt Ion:112 Resp: 410
Ion Ratio Lower Upper
112 100
64 59.3 44.3 66.5
63 33.9 23.0 34.6



#5
Phenol-d6
Concen: 0.02 ng
RT: 6.895 min Scan# 511
Delta R.T. -0.008 min
Lab File: BN013811.D
Acq: 02 Mar 2021 16:26

Tgt Ion: 99 Resp: 337
Ion Ratio Lower Upper
99 100
42 0.0 15.2 22.8#
71 43.3 26.1 39.1#

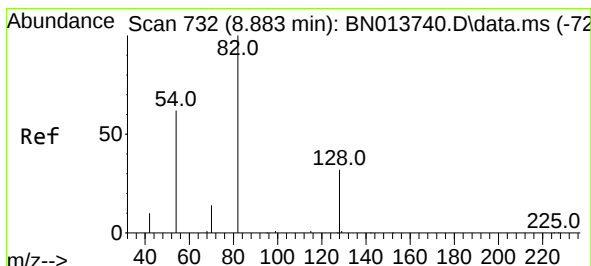
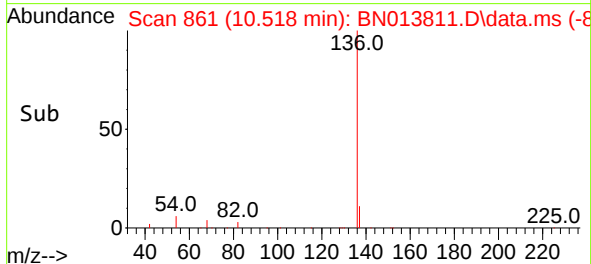
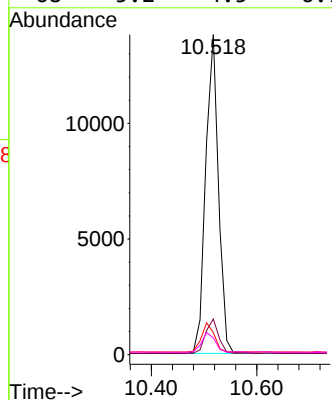
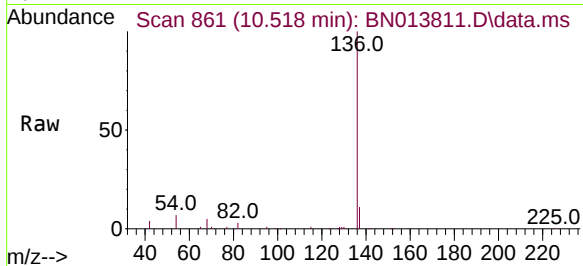




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.518 min Scan# 861
Delta R.T. -0.013 min
Lab File: BN013811.D
Acq: 02 Mar 2021 16:26

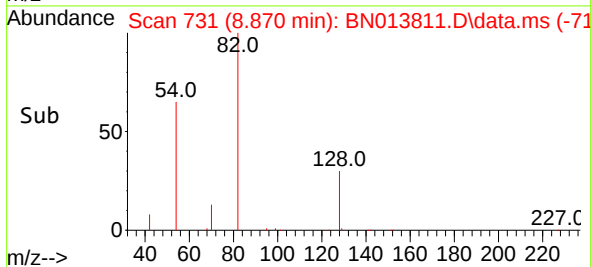
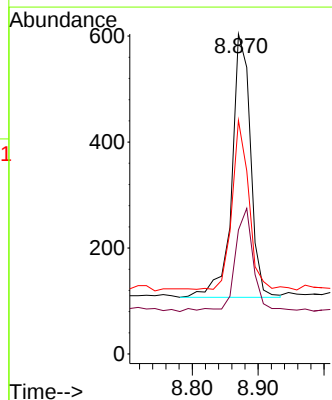
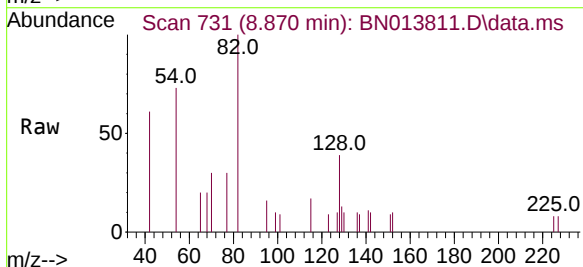
Instrument :
BNA_N
ClientSampleId :
GW807B-41-46-022721DL

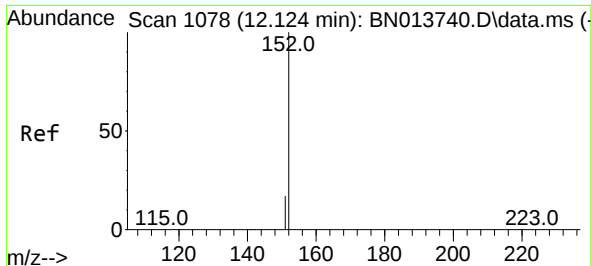
Tgt Ion:136	Resp:	23157
Ion Ratio	Lower	Upper
136	100	
137	11.2	9.0 13.6
54	6.9	6.4 9.6
68	5.2	4.5 6.7



#8
Nitrobenzene-d5
Concen: 0.07 ng
RT: 8.870 min Scan# 731
Delta R.T. -0.013 min
Lab File: BN013811.D
Acq: 02 Mar 2021 16:26

Tgt Ion: 82	Resp:	977
Ion Ratio	Lower	Upper
82	100	
128	38.7	39.2 58.8#
54	73.0	40.1 60.1#

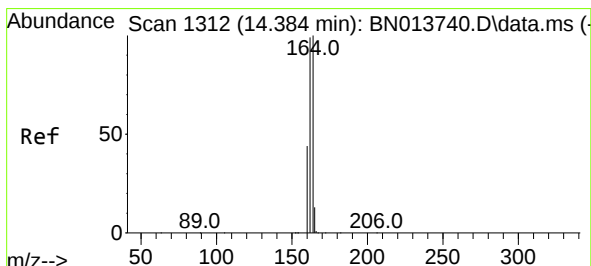
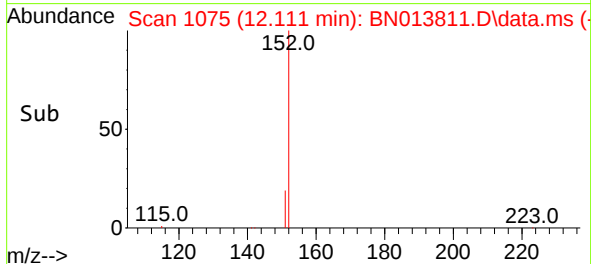
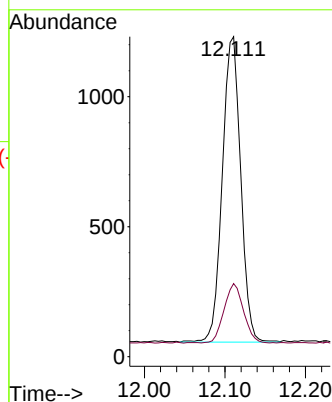
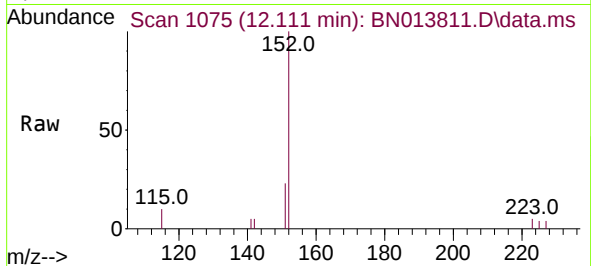




#11
2-Methylnaphthalene-d10
Concen: 0.05 ng
RT: 12.111 min Scan# 1075
Delta R.T. -0.009 min
Lab File: BN013811.D
Acq: 02 Mar 2021 16:26

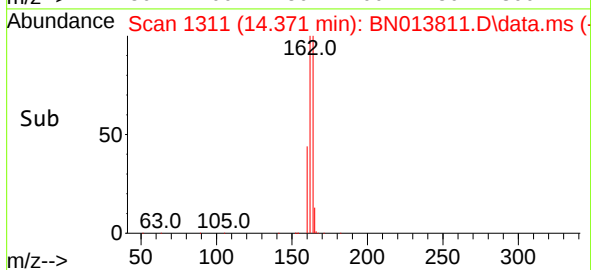
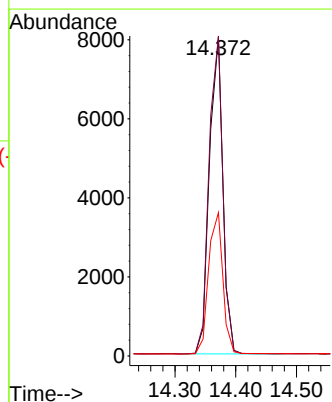
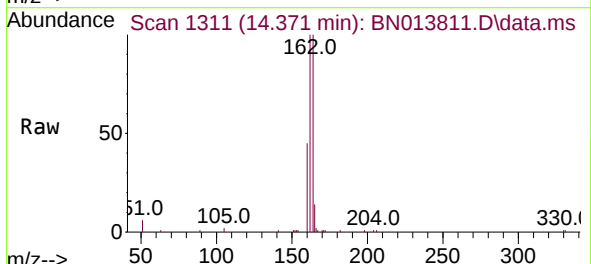
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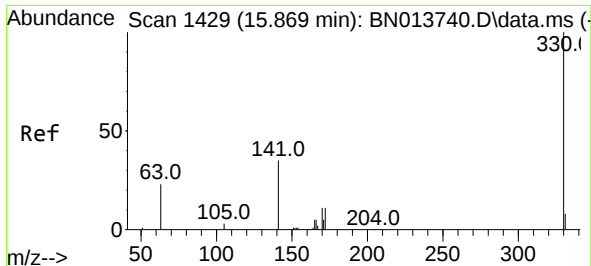
Tgt Ion:152 Resp: 1863
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.2



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.371 min Scan# 1311
Delta R.T. -0.000 min
Lab File: BN013811.D
Acq: 02 Mar 2021 16:26

Tgt Ion:164 Resp: 12358
Ion Ratio Lower Upper
164 100
162 100.3 79.6 119.4
160 44.9 36.0 54.0

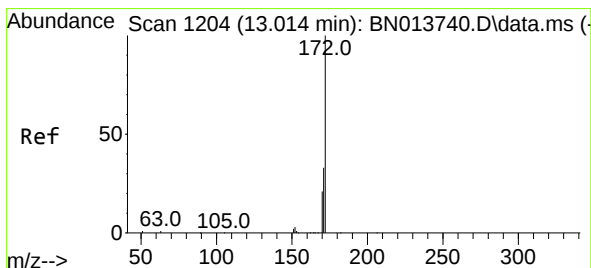
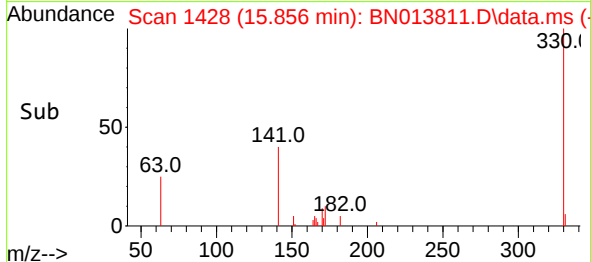
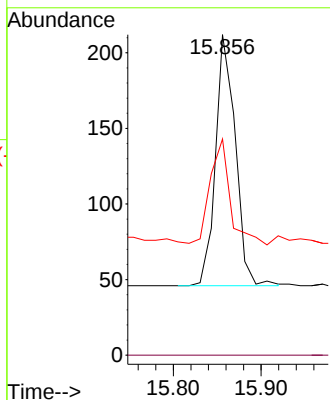
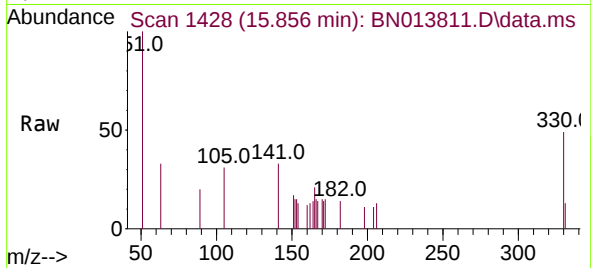




#14
2,4,6-Tribromophenol
Concen: 0.05 ng
RT: 15.856 min Scan# 1428
Delta R.T. -0.013 min
Lab File: BN013811.D
Acq: 02 Mar 2021 16:26

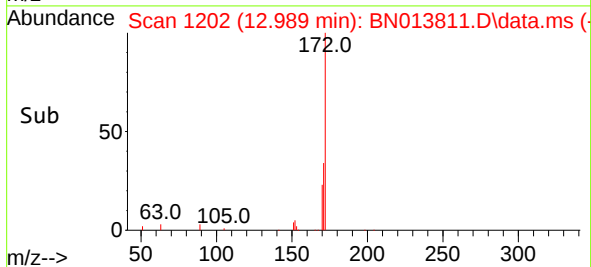
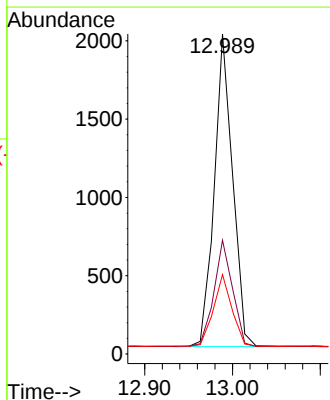
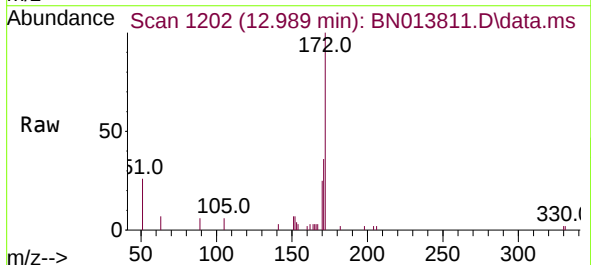
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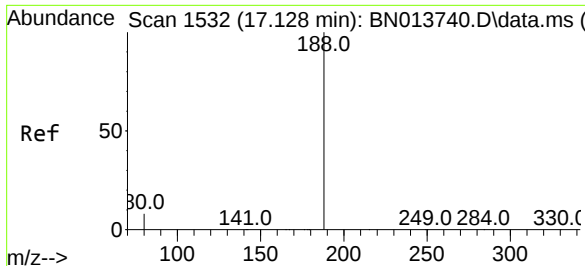
Tgt Ion: 330 Resp: 260
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 42.3 26.8 40.2#



#15
2-Fluorobiphenyl
Concen: 0.07 ng
RT: 12.989 min Scan# 1202
Delta R.T. -0.013 min
Lab File: BN013811.D
Acq: 02 Mar 2021 16:26

Tgt Ion: 172 Resp: 2898
Ion Ratio Lower Upper
172 100
171 35.6 28.6 42.8
170 24.8 18.9 28.3

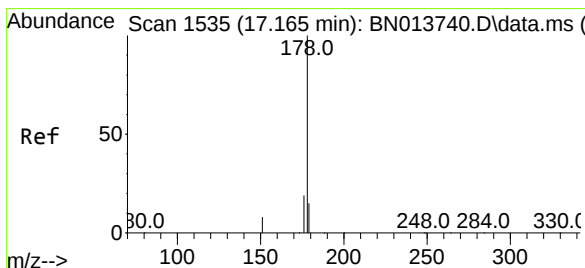
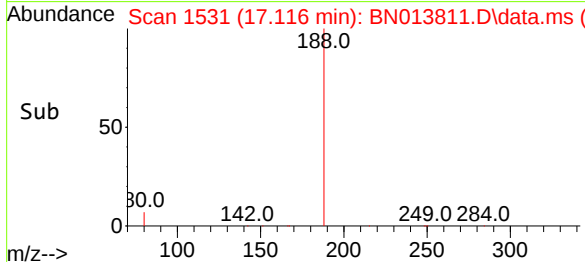
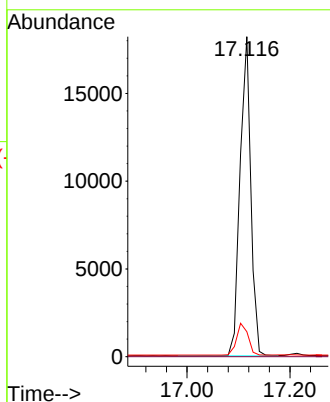
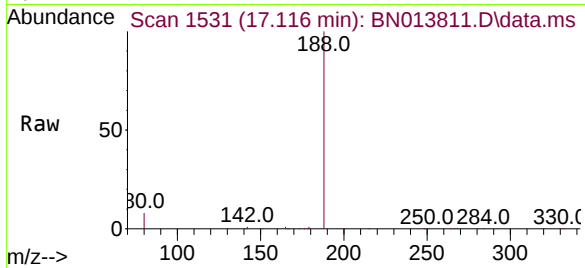




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.116 min Scan# 1531
Delta R.T. -0.012 min
Lab File: BN013811.D
Acq: 02 Mar 2021 16:26

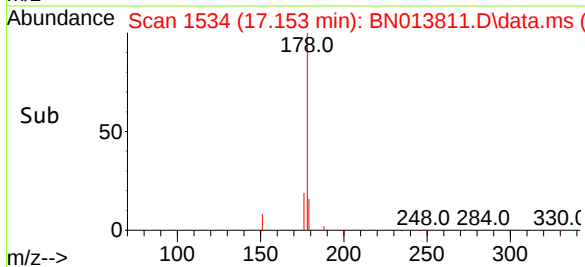
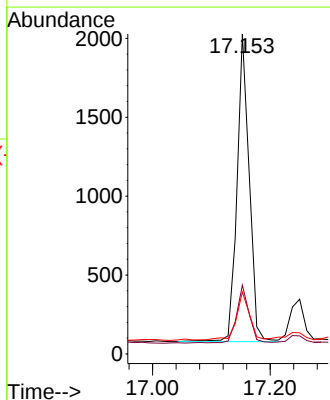
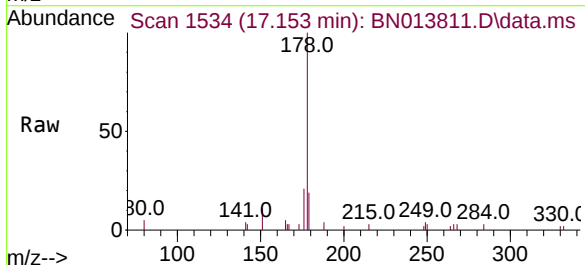
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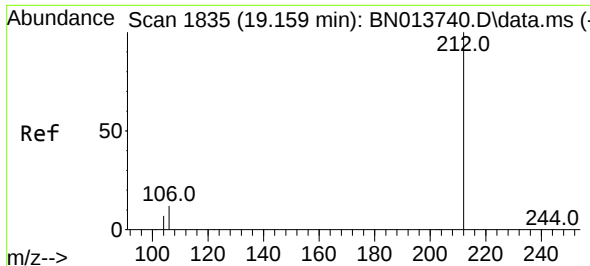
Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.8	9.0	13.6#



#25
Phenanthrene
Concen: 0.04 ng
RT: 17.153 min Scan# 1534
Delta R.T. -0.012 min
Lab File: BN013811.D
Acq: 02 Mar 2021 16:26

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.4
179	16.3	12.3	18.5

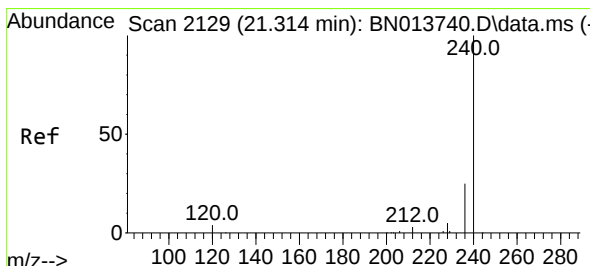
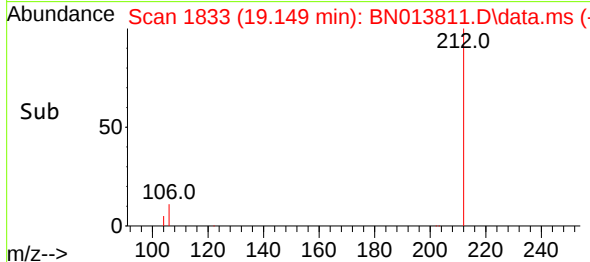
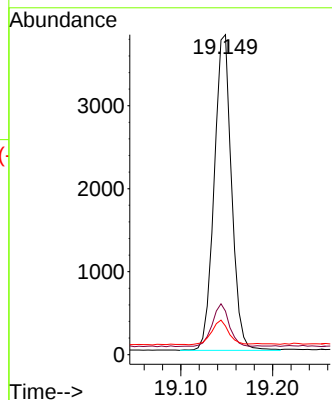
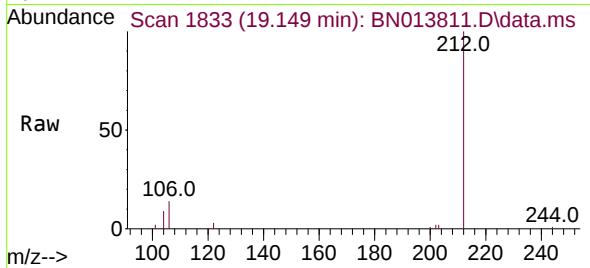




#27
Fluoranthene-d10
Concen: 0.06 ng
RT: 19.149 min Scan# 1833
Delta R.T. -0.007 min
Lab File: BN013811.D
Acq: 02 Mar 2021 16:26

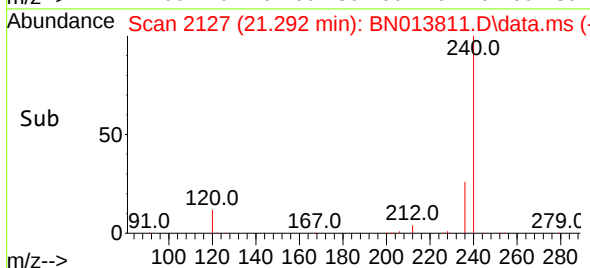
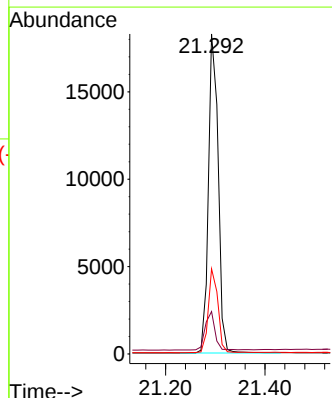
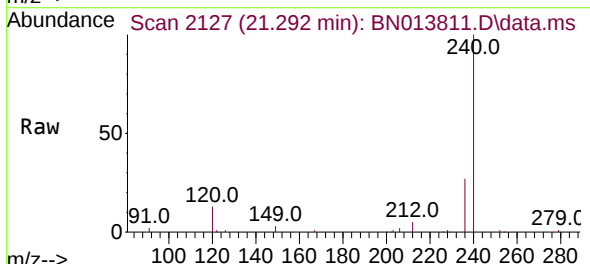
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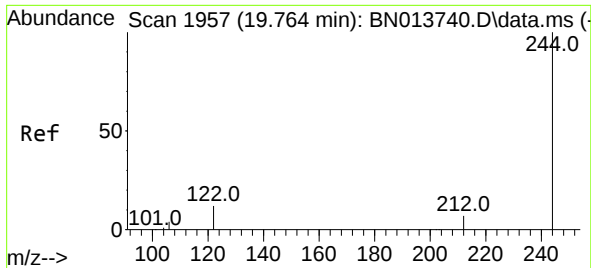
Tgt Ion:212 Resp: 5011
Ion Ratio Lower Upper
212 100
106 13.0 9.7 14.5
104 7.7 5.5 8.3



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.292 min Scan# 2127
Delta R.T. -0.008 min
Lab File: BN013811.D
Acq: 02 Mar 2021 16:26

Tgt Ion:240 Resp: 24951
Ion Ratio Lower Upper
240 100
120 13.3 10.2 15.4
236 26.6 21.3 31.9

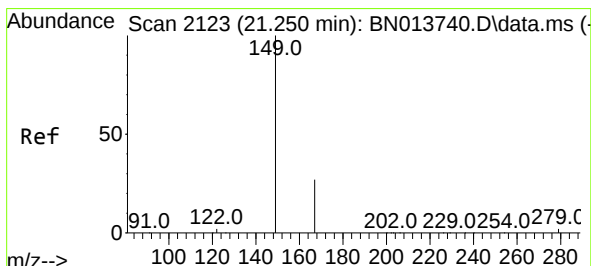
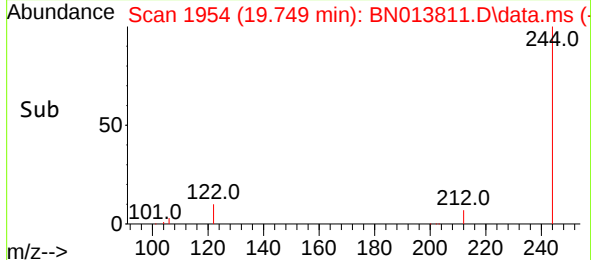
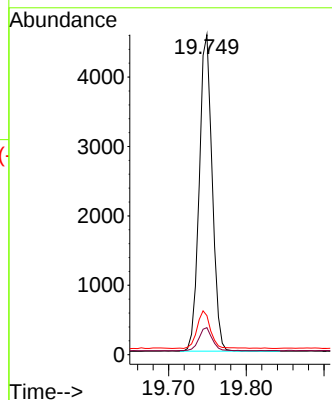
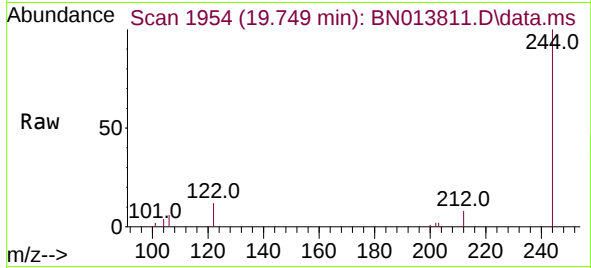




#31
 Terphenyl-d14
 Concen: 0.10 ng
 RT: 19.749 min Scan# 1954
 Delta R.T. -0.012 min
 Lab File: BN013811.D
 Acq: 02 Mar 2021 16:26

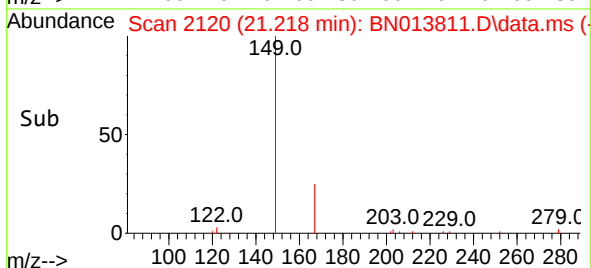
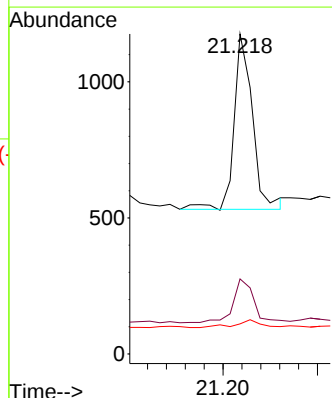
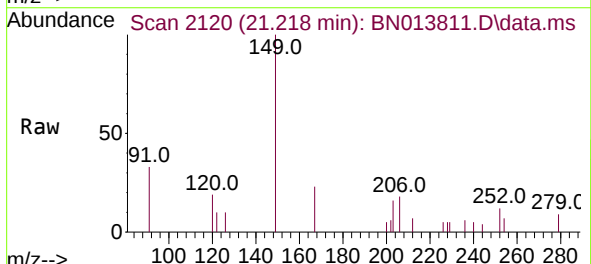
Instrument :
 BNA_N
 ClientSampleId :
 GW807B-41-46-022721DL

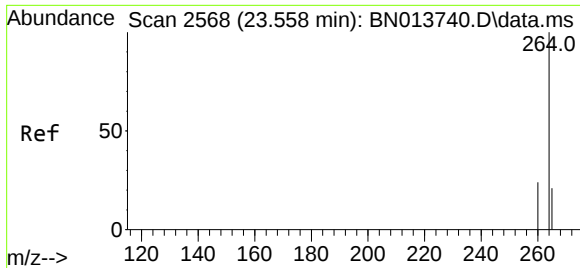
Tgt Ion:244 Resp: 5294
 Ion Ratio Lower Upper
 244 100
 212 8.5 6.1 9.1
 122 12.2 9.8 14.8



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.02 ng
 RT: 21.218 min Scan# 2120
 Delta R.T. -0.019 min
 Lab File: BN013811.D
 Acq: 02 Mar 2021 16:26

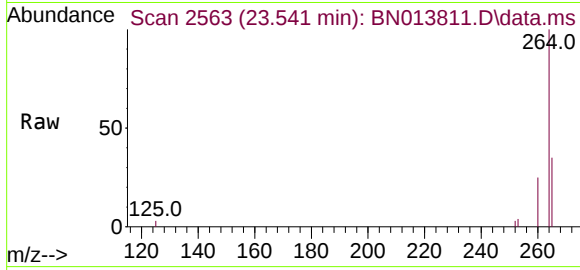
Tgt Ion:149 Resp: 875
 Ion Ratio Lower Upper
 149 100
 167 28.1 22.1 33.1
 279 6.2 3.5 5.3#





#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.541 min Scan# 2563
 Delta R.T. -0.011 min
 Lab File: BN013811.D
 Acq: 02 Mar 2021 16:26

Instrument :
 BNA_N
 ClientSampleId :
 GW807B-41-46-022721DL



Tgt Ion:264 Resp: 22886

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.3	28.9
265	34.6	66.2	99.4#

