

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092820\
 Data File : BN011998.D
 Acq On : 29 Sep 2020 00:53
 Operator : CG/JU
 Sample : L4116-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 KY038PS037-200922

Quant Time: Sep 29 04:29:02 2020
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 25 11:18:41 2020
 Response via : Initial Calibration

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

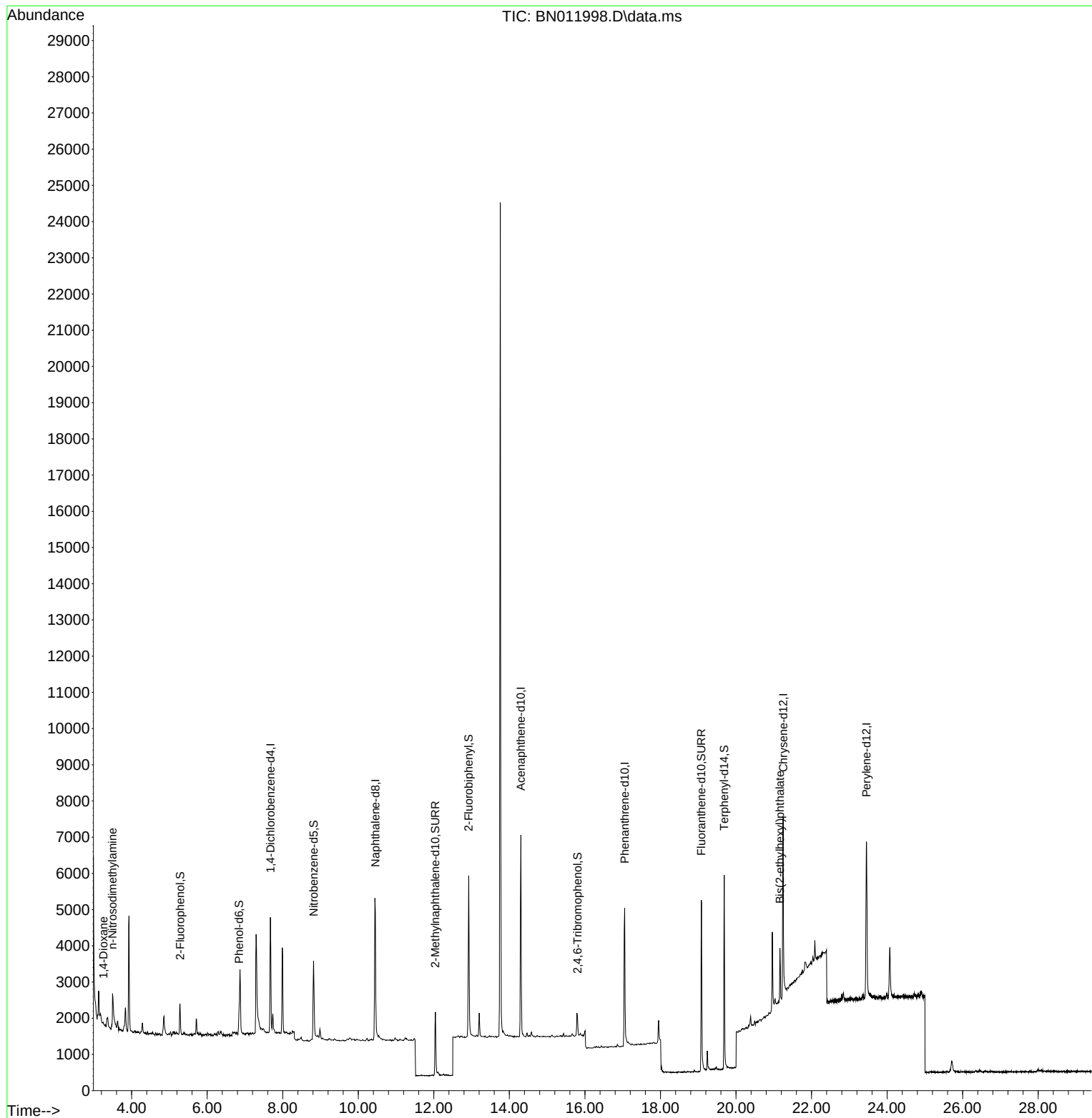
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.675	152	1441	0.40	ng	# 0.00
7) Naphthalene-d8	10.453	136	5972	0.40	ng	# 0.00
13) Acenaphthene-d10	14.306	164	3322	0.40	ng	0.00
19) Phenanthrene-d10	17.053	188	6509	0.40	ng	0.00
29) Chrysene-d12	21.248	240	6045	0.40	ng	#-0.01
36) Perylene-d12	23.453	264	6435	0.40	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.283	112	621	0.12	ng	0.00
5) Phenol-d6	6.845	99	465	0.07	ng	0.00
8) Nitrobenzene-d5	8.818	82	2016	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	12.042	152	2792	0.30	ng	0.00
14) 2,4,6-Tribromophenol	15.803	330	466	0.29	ng	0.00
15) 2-Fluorobiphenyl	12.923	172	3923	0.31	ng	-0.01
27) Fluoranthene-d10	19.082	212	5869	0.31	ng	0.00
31) Terphenyl-d14	19.688	244	5508	0.40	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.253	88	57	0.02	ng	# 28
3) n-Nitrosodimethylamine	3.495	42	360	0.10	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.163	149	1424	0.10	ng	# 87

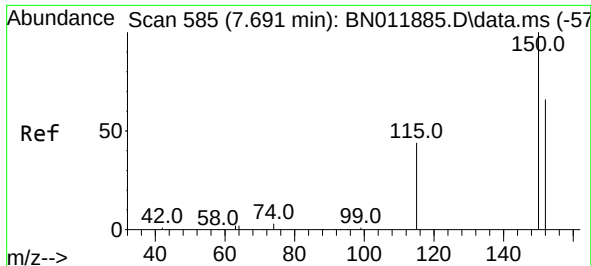
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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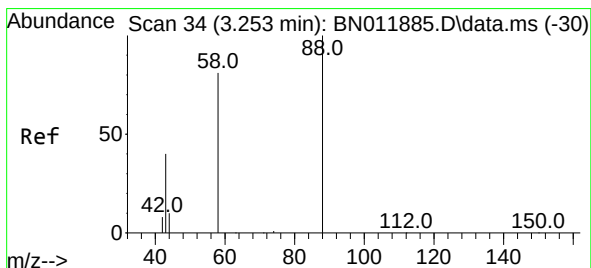
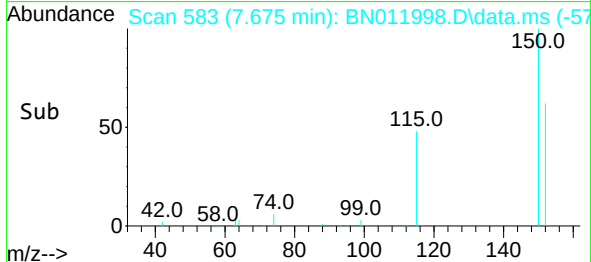
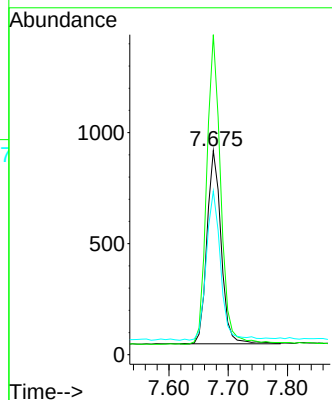
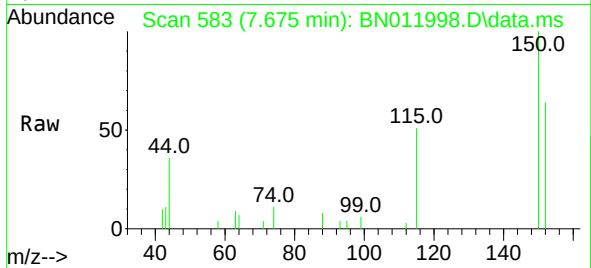




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.675 min Scan# 583
 Delta R.T. -0.008 min
 Lab File: BN011998.D
 Acq: 29 Sep 2020 00:53

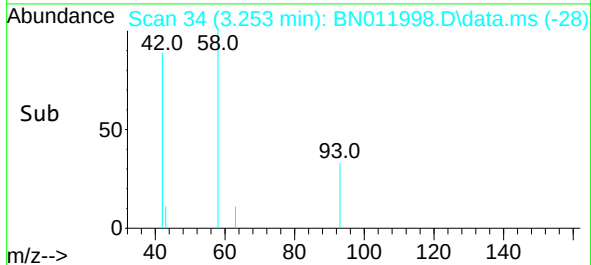
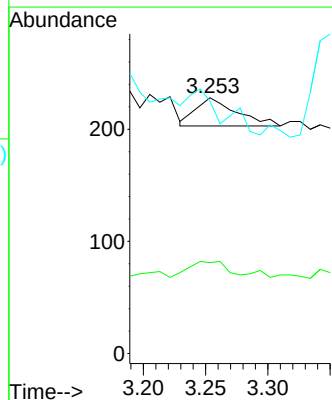
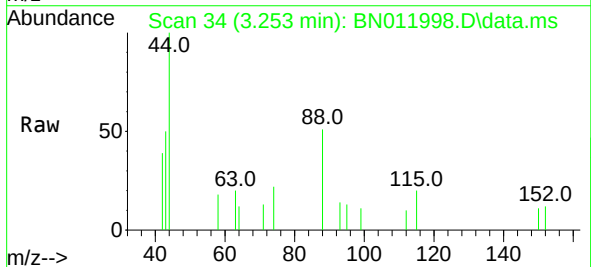
Instrument :
 BNA_N
 ClientSampleId :
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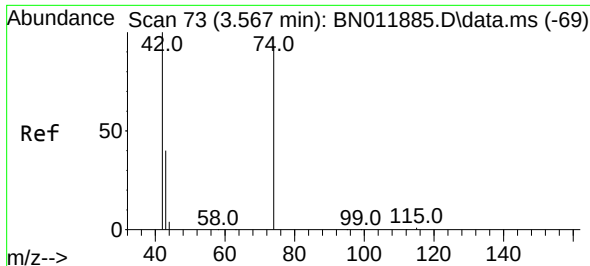
Tgt Ion:152 Resp: 1441
 Ion Ratio Lower Upper
 152 100
 150 156.8 118.3 177.5
 115 80.2 51.3 76.9#



#2
 1,4-Dioxane
 Concen: 0.02 ng
 RT: 3.253 min Scan# 34
 Delta R.T. 0.000 min
 Lab File: BN011998.D
 Acq: 29 Sep 2020 00:53

Tgt Ion: 88 Resp: 57
 Ion Ratio Lower Upper
 88 100
 58 50.9 63.3 94.9#
 43 135.1 33.0 49.4#

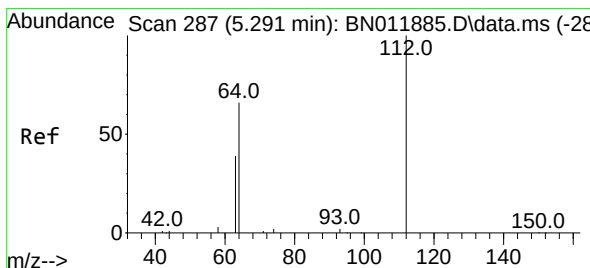
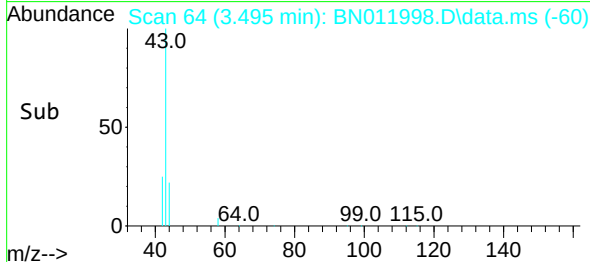
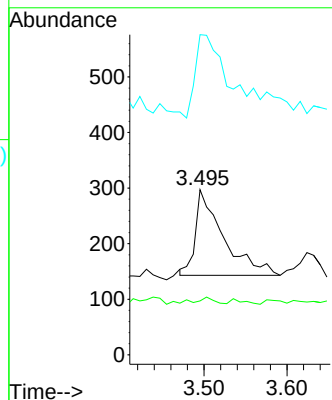
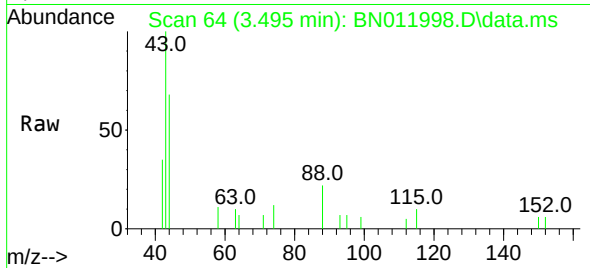




#3
n-Nitrosodimethylamine
Concen: 0.10 ng
RT: 3.495 min Scan# 64
Delta R.T. -0.064 min
Lab File: BN011998.D
Acq: 29 Sep 2020 00:53

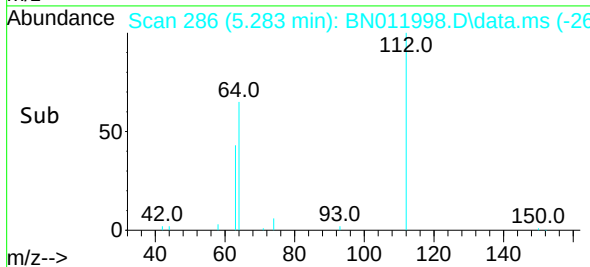
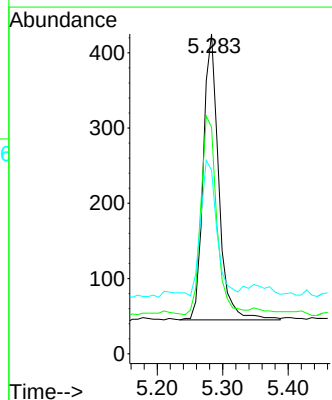
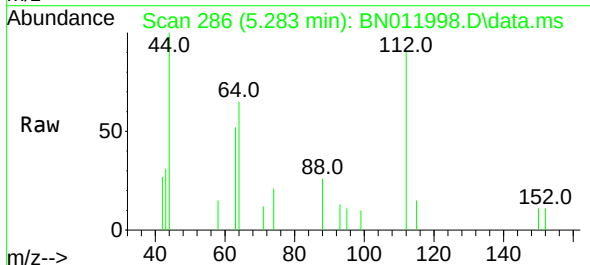
Instrument :
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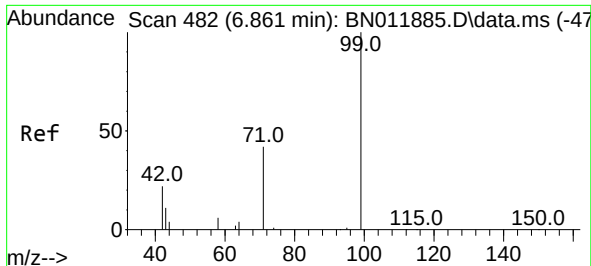
Tgt Ion: 42 Resp: 360
Ion Ratio Lower Upper
42 100
74 4.4 64.4 96.6#
44 145.8 6.7 10.1#



#4
2-Fluorophenol
Concen: 0.12 ng
RT: 5.283 min Scan# 286
Delta R.T. 0.000 min
Lab File: BN011998.D
Acq: 29 Sep 2020 00:53

Tgt Ion: 112 Resp: 621
Ion Ratio Lower Upper
112 100
64 71.2 49.0 73.6
63 49.6 31.8 47.6#

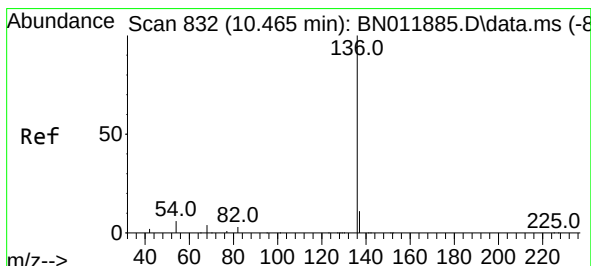
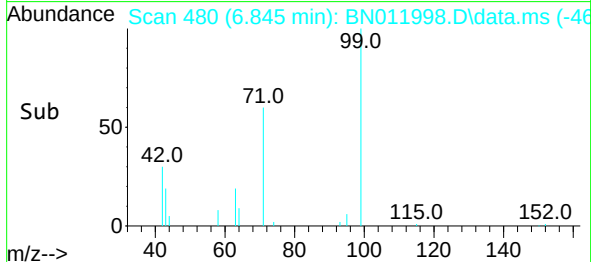
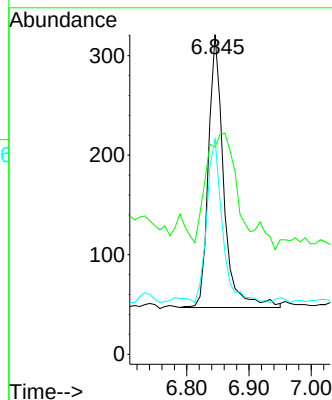
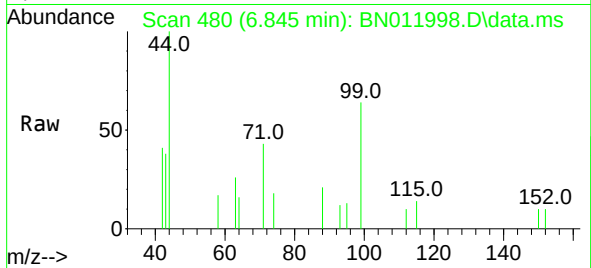




#5
Phenol-d6
Concen: 0.07 ng
RT: 6.845 min Scan# 480
Delta R.T. -0.008 min
Lab File: BN011998.D
Acq: 29 Sep 2020 00:53

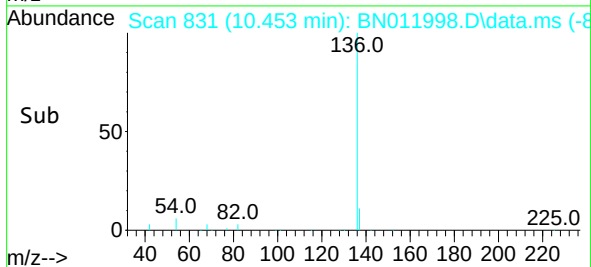
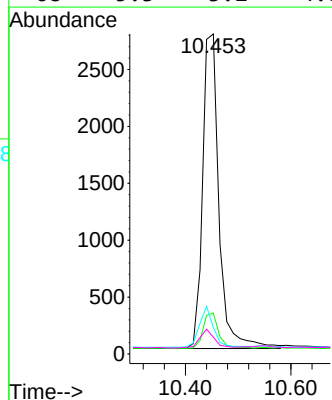
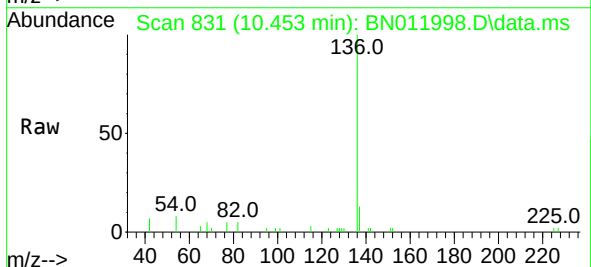
Instrument :
BNA_N
ClientSampleId :
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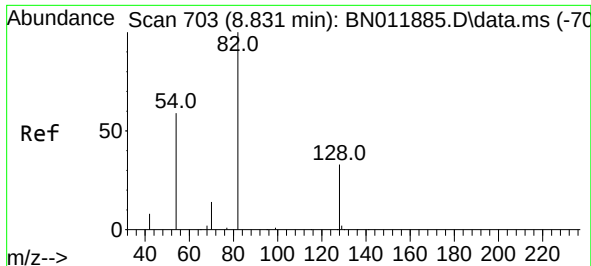
Tgt Ion: 99 Resp: 465
Ion Ratio Lower Upper
99 100
42 75.7 23.4 35.0#
71 61.1 38.1 57.1#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.453 min Scan# 831
Delta R.T. 0.000 min
Lab File: BN011998.D
Acq: 29 Sep 2020 00:53

Tgt Ion: 136 Resp: 5972
Ion Ratio Lower Upper
136 100
137 12.8 9.5 14.3
54 8.4 5.6 8.4#
68 5.3 3.2 4.8#

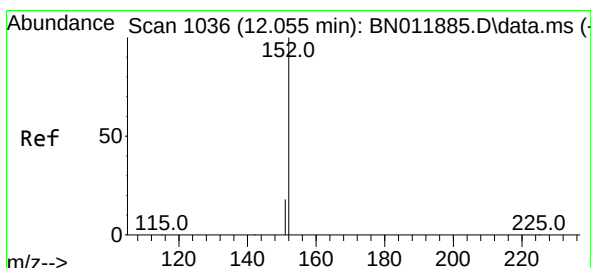
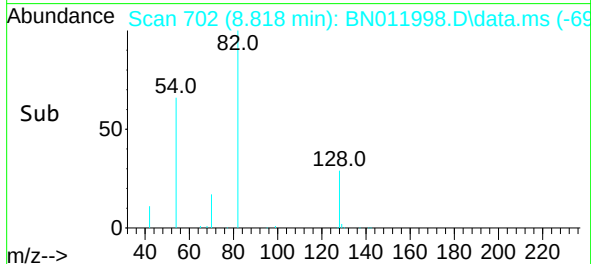
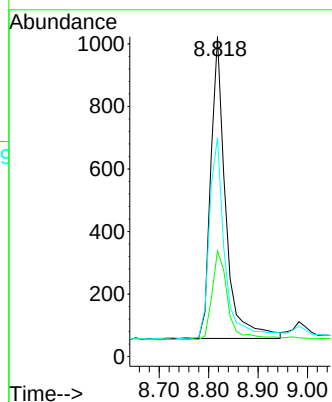
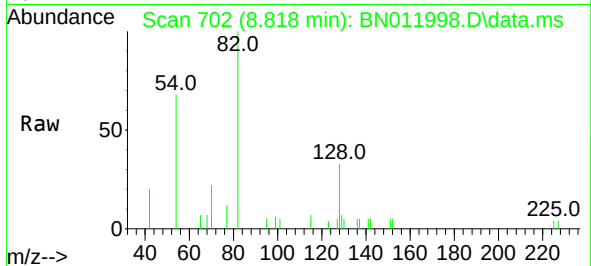




#8
Nitrobenzene-d5
Concen: 0.33 ng
RT: 8.818 min Scan# 702
Delta R.T. 0.000 min
Lab File: BN011998.D
Acq: 29 Sep 2020 00:53

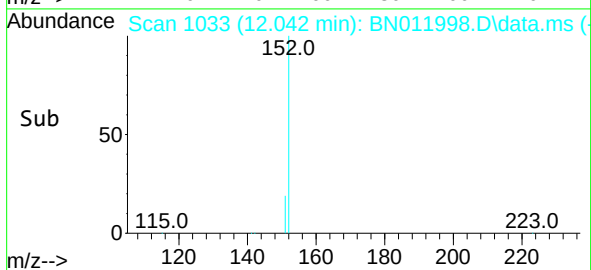
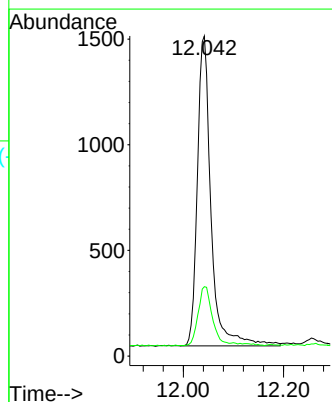
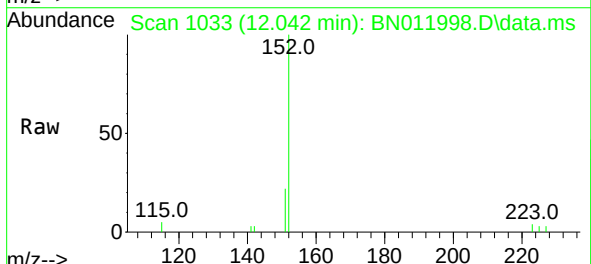
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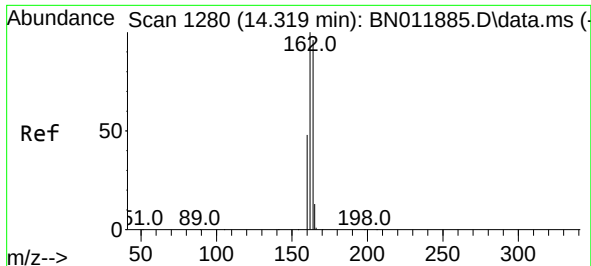
Tgt Ion: 82 Resp: 2016
Ion Ratio Lower Upper
82 100
128 33.0 34.2 51.2#
54 68.4 43.1 64.7#



#11
2-Methylnaphthalene-d10
Concen: 0.30 ng
RT: 12.042 min Scan# 1033
Delta R.T. -0.004 min
Lab File: BN011998.D
Acq: 29 Sep 2020 00:53

Tgt Ion: 152 Resp: 2792
Ion Ratio Lower Upper
152 100
151 19.4 16.7 25.1

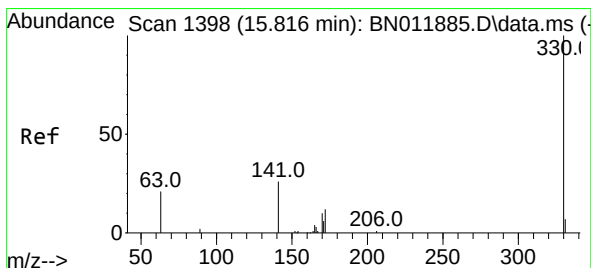
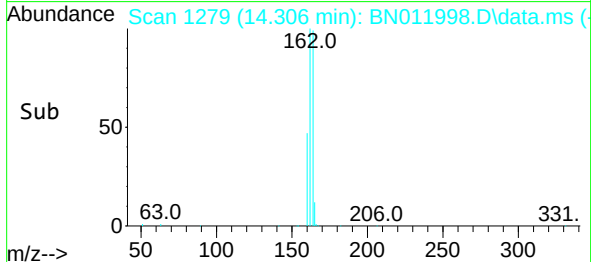
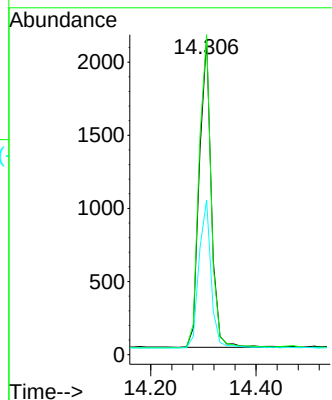
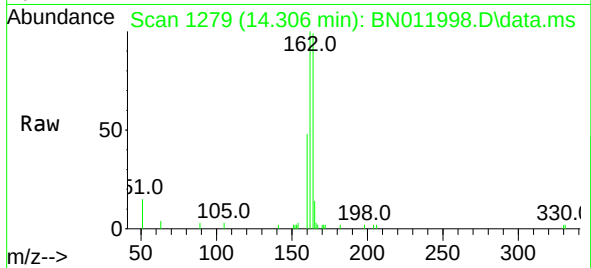




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.306 min Scan# 1279
Delta R.T. 0.000 min
Lab File: BN011998.D
Acq: 29 Sep 2020 00:53

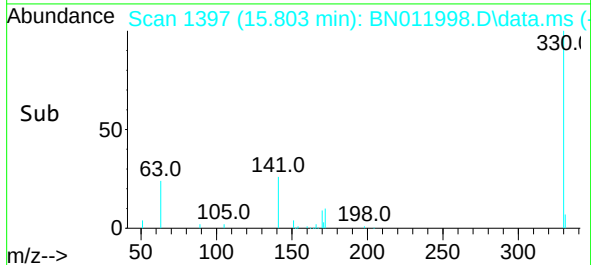
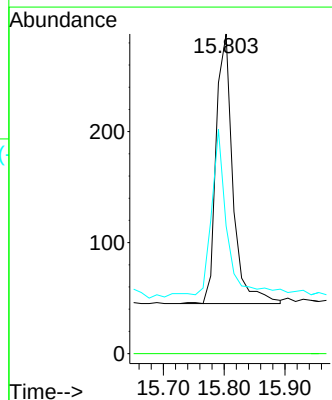
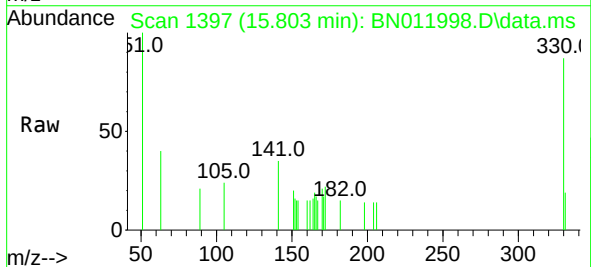
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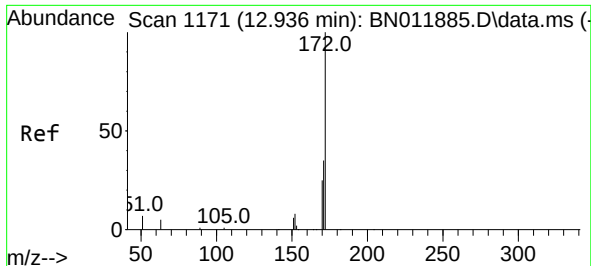
Tgt Ion:164 Resp: 3322
Ion Ratio Lower Upper
164 100
162 101.2 83.6 125.4
160 48.9 41.2 61.8



#14
2,4,6-Tribromophenol
Concen: 0.29 ng
RT: 15.803 min Scan# 1397
Delta R.T. 0.000 min
Lab File: BN011998.D
Acq: 29 Sep 2020 00:53

Tgt Ion:330 Resp: 466
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 56.7 33.7 50.5#

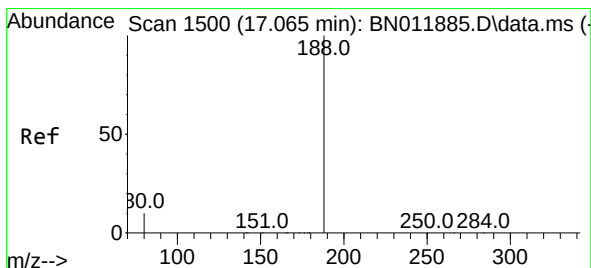
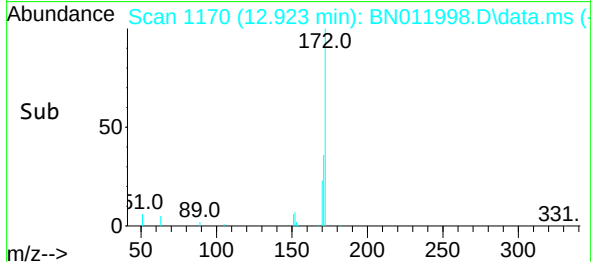
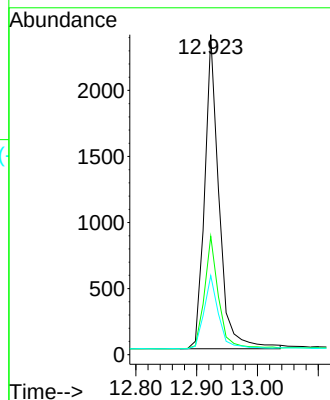
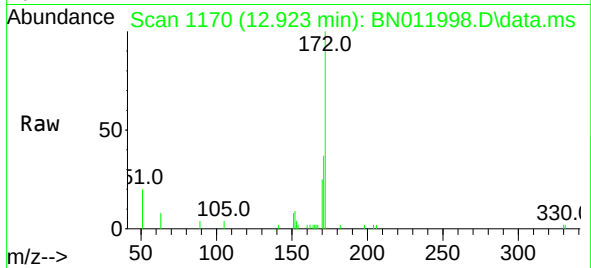




#15
2-Fluorobiphenyl
Concen: 0.31 ng
RT: 12.923 min Scan# 1170
Delta R.T. -0.013 min
Lab File: BN011998.D
Acq: 29 Sep 2020 00:53

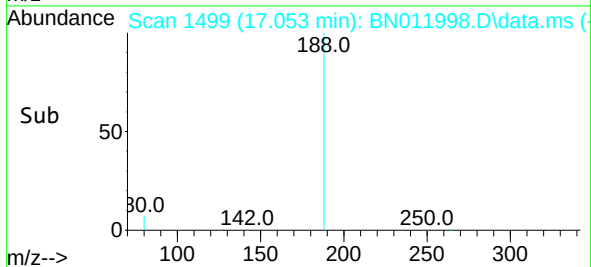
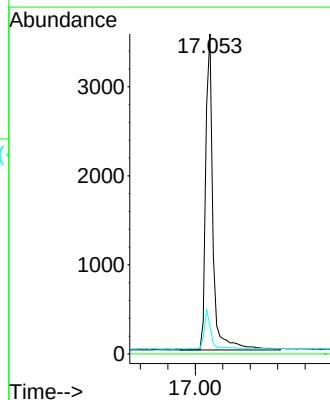
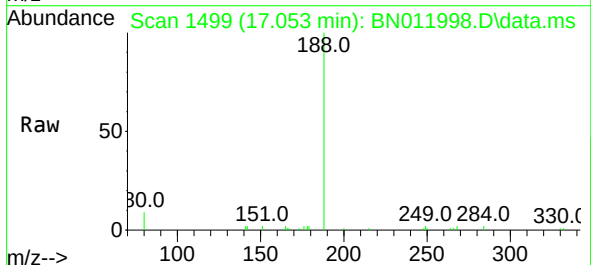
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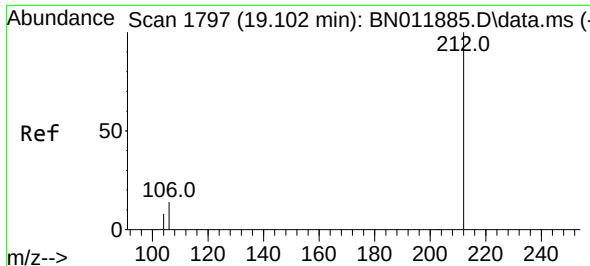
Tgt Ion:	172	Resp:	3923
Ion Ratio	Lower	Upper	
172	100		
171	37.0	27.4	41.2
170	24.7	17.8	26.6



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.053 min Scan# 1499
Delta R.T. 0.000 min
Lab File: BN011998.D
Acq: 29 Sep 2020 00:53

Tgt Ion:	188	Resp:	6509
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	8.9	7.7	11.5

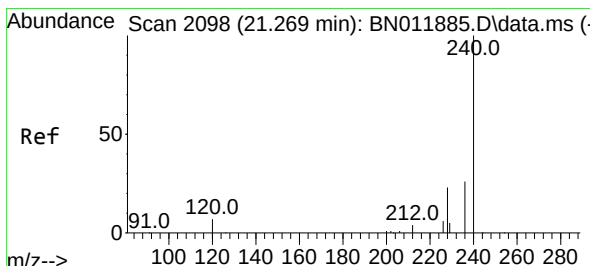
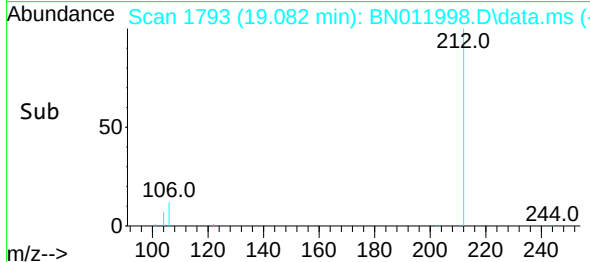
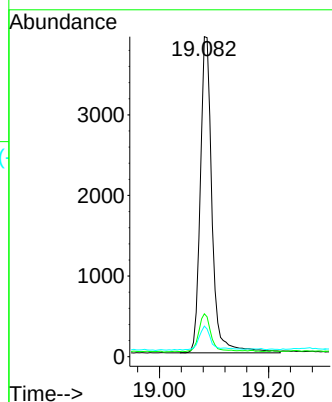
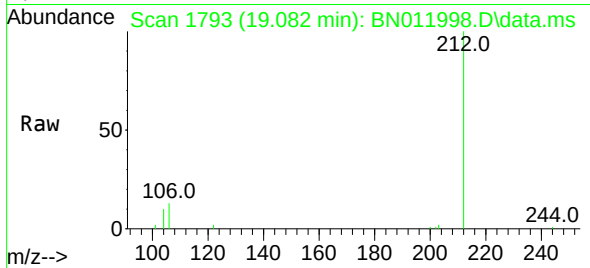




#27
Fluoranthene-d10
Concen: 0.31 ng
RT: 19.082 min Scan# 1793
Delta R.T. -0.010 min
Lab File: BN011998.D
Acq: 29 Sep 2020 00:53

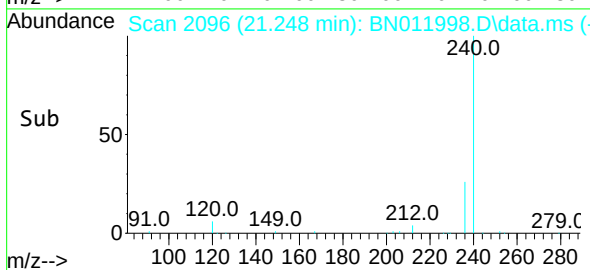
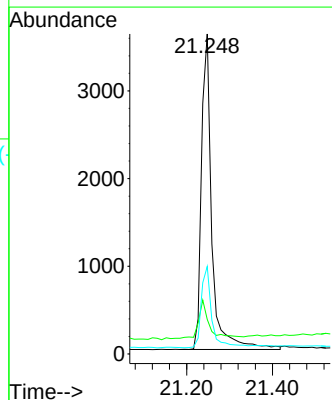
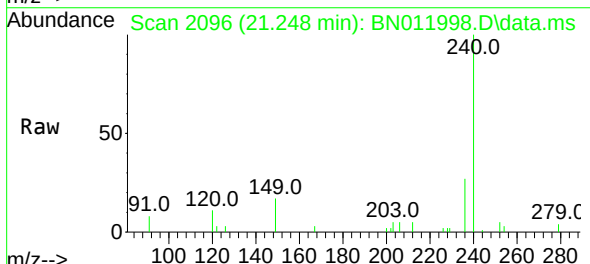
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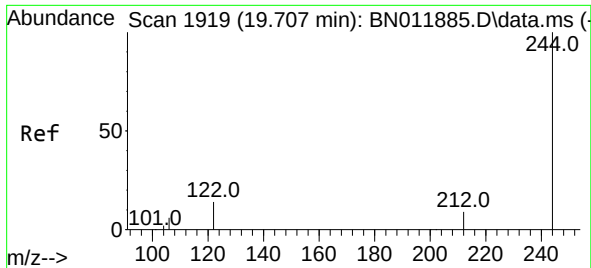
Tgt Ion:212 Resp: 5869
Ion Ratio Lower Upper
212 100
106 12.2 6.4 9.6#
104 7.9 3.9 5.9#



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.248 min Scan# 2096
Delta R.T. -0.011 min
Lab File: BN011998.D
Acq: 29 Sep 2020 00:53

Tgt Ion:240 Resp: 6045
Ion Ratio Lower Upper
240 100
120 10.8 3.5 5.3#
236 27.3 20.5 30.7

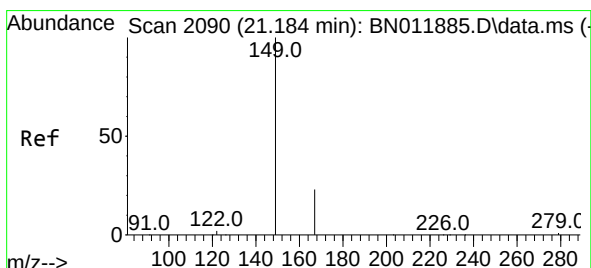
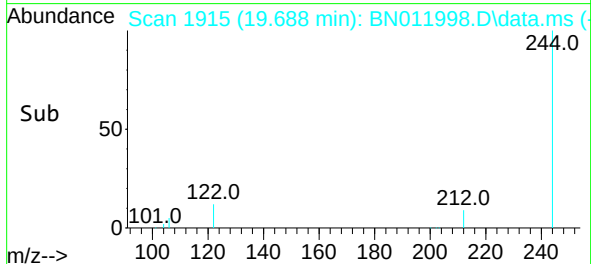
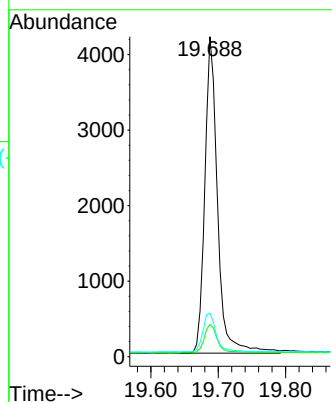
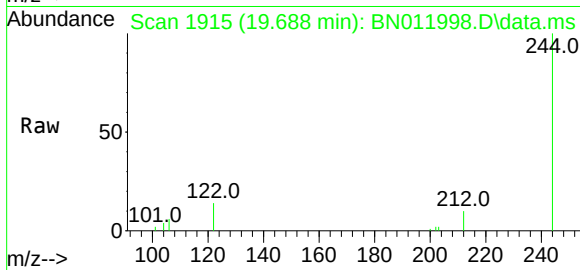




#31
 Terphenyl-d14
 Concen: 0.40 ng
 RT: 19.688 min Scan# 1915
 Delta R.T. -0.010 min
 Lab File: BN011998.D
 Acq: 29 Sep 2020 00:53

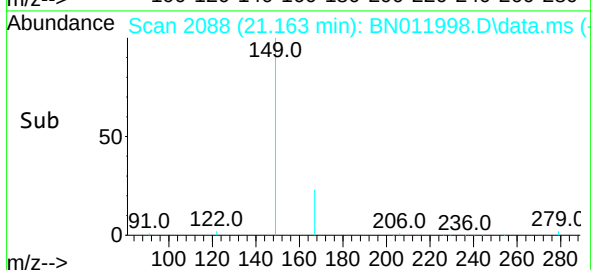
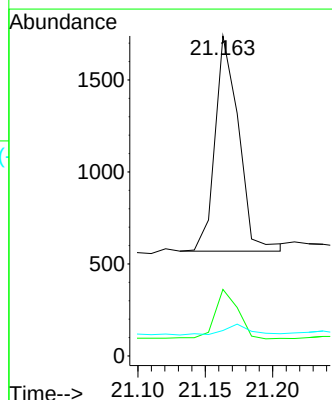
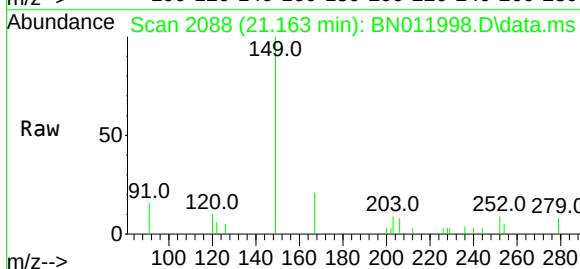
Instrument :
 BNA_N
 ClientSampleId :
 KY038PS037-200922

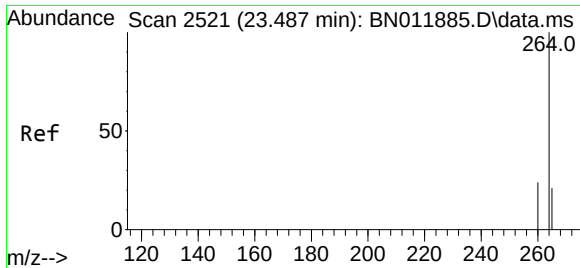
Tgt Ion:244 Resp: 5508
 Ion Ratio Lower Upper
 244 100
 212 10.1 7.3 10.9
 122 13.6 7.8 11.6#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.10 ng
 RT: 21.163 min Scan# 2088
 Delta R.T. -0.011 min
 Lab File: BN011998.D
 Acq: 29 Sep 2020 00:53

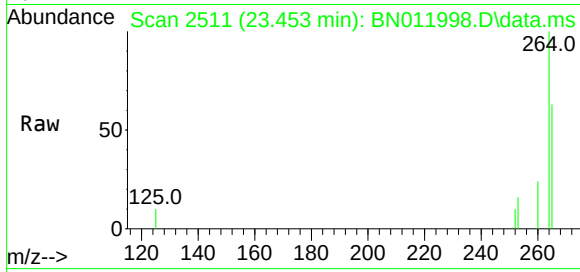
Tgt Ion:149 Resp: 1424
 Ion Ratio Lower Upper
 149 100
 167 21.6 23.6 35.4#
 279 5.8 4.0 6.0





#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.453 min Scan# 2511
 Delta R.T. -0.017 min
 Lab File: BN011998.D
 Acq: 29 Sep 2020 00:53

Instrument :
 BNA_N
 ClientSampleId :
 KY038PS037-200922



Tgt Ion:264	Resp:	6435
Ion Ratio	Lower	Upper
264	100	
260	24.3	19.6 29.4
265	63.4	38.6 58.0#

