

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092820\
 Data File : BN011986.D
 Acq On : 28 Sep 2020 15:49
 Operator : CG/JU
 Sample : L4118-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP04-20200918

Quant Time: Sep 28 17:53:09 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)

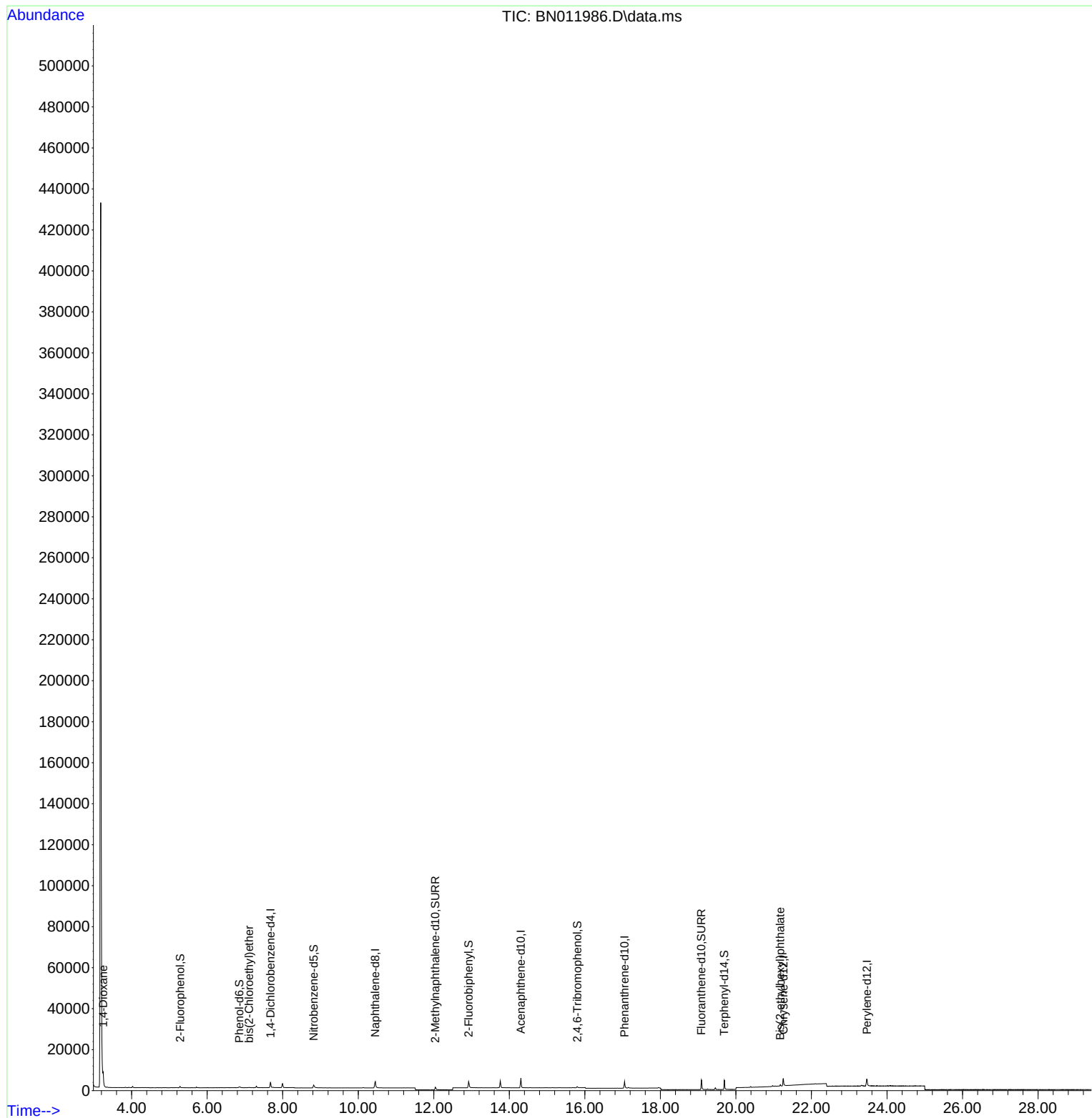
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.675	152	1209	0.40	ng	# 0.00
7) Naphthalene-d8	10.453	136	4938	0.40	ng	# 0.00
13) Acenaphthene-d10	14.306	164	2690	0.40	ng	0.00
19) Phenanthrene-d10	17.053	188	4936	0.40	ng	0.00
29) Chrysene-d12	21.259	240	4778	0.40	ng	# 0.00
36) Perylene-d12	23.467	264	5054	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.283	112	424	0.10	ng	0.00
5) Phenol-d6	6.853	99	275	0.05	ng	0.00
8) Nitrobenzene-d5	8.818	82	1579	0.31	ng	0.00
11) 2-Methylnaphthalene-d10	12.042	152	2259	0.29	ng	0.00
14) 2,4,6-Tribromophenol	15.803	330	405	0.31	ng	0.00
15) 2-Fluorobiphenyl	12.923	172	2973	0.29	ng	-0.01
27) Fluoranthene-d10	19.087	212	5986	0.41	ng	0.00
31) Terphenyl-d14	19.693	244	5152	0.47	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.245	88	2573	1.22	ng	# 84
6) bis(2-Chloroethyl)ether	7.111	93	97	0.02	ng	# 60
34) Bis(2-ethylhexyl)phtha...	21.174	149	627	0.06	ng	# 88

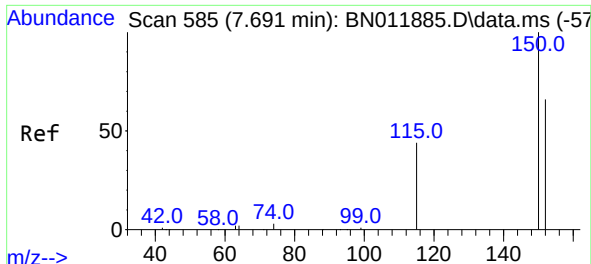
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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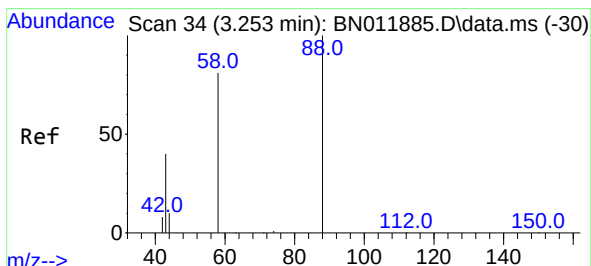
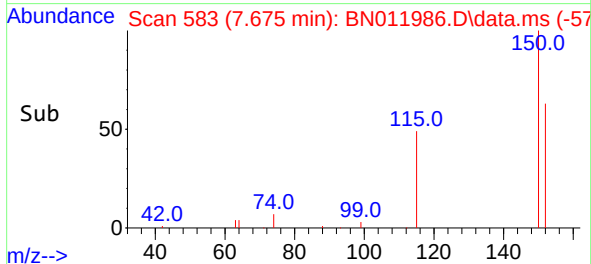
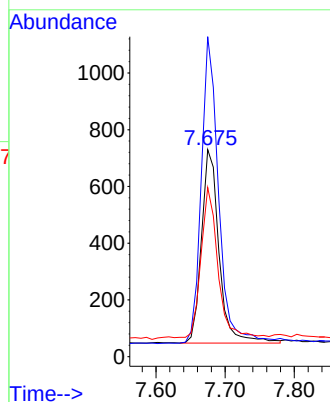
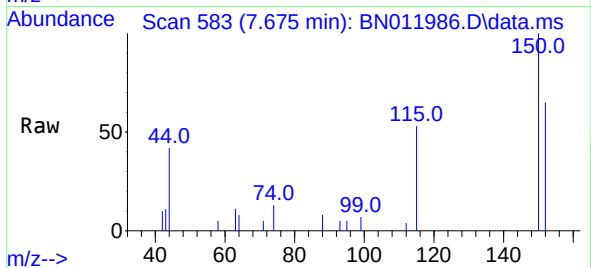




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.675 min Scan# 583
 Delta R.T. -0.008 min
 Lab File: BN011986.D
 Acq: 28 Sep 2020 15:49

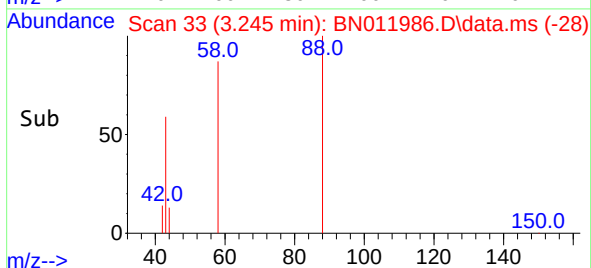
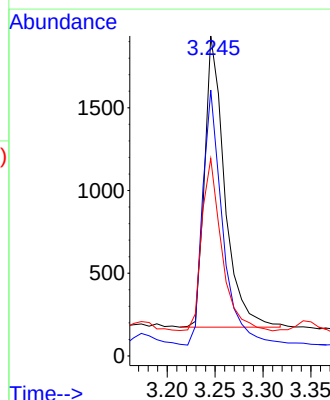
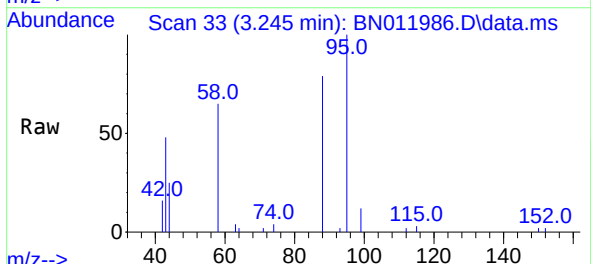
Instrument :
 BNA_N
 ClientSampleId :
 DUP04-20200918

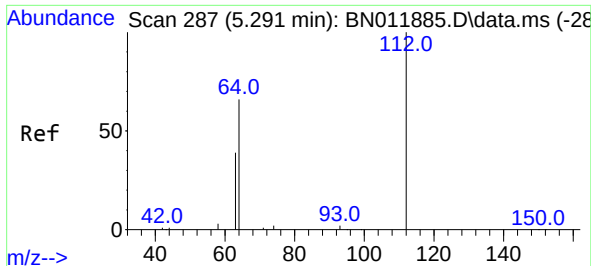
Tgt Ion:152 Resp: 1209
 Ion Ratio Lower Upper
 152 100
 150 154.5 118.3 177.5
 115 81.6 51.3 76.9#



#2
 1,4-Dioxane
 Concen: 1.22 ng
 RT: 3.245 min Scan# 33
 Delta R.T. -0.008 min
 Lab File: BN011986.D
 Acq: 28 Sep 2020 15:49

Tgt Ion: 88 Resp: 2573
 Ion Ratio Lower Upper
 88 100
 58 87.4 63.3 94.9
 43 58.7 33.0 49.4#

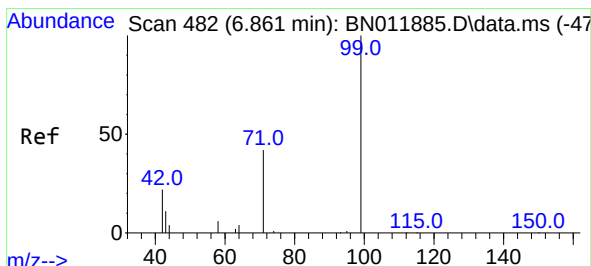
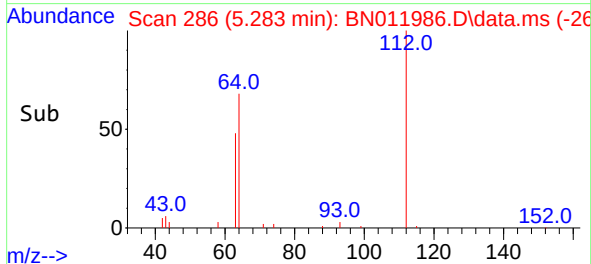
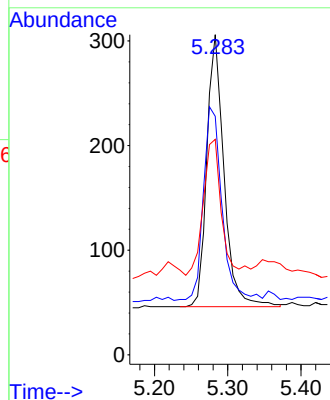
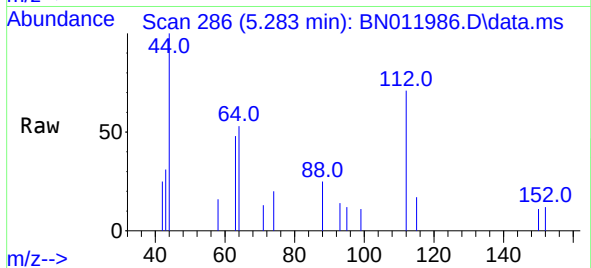




#4
2-Fluorophenol
Concen: 0.10 ng
RT: 5.283 min Scan# 286
Delta R.T. 0.000 min
Lab File: BN011986.D
Acq: 28 Sep 2020 15:49

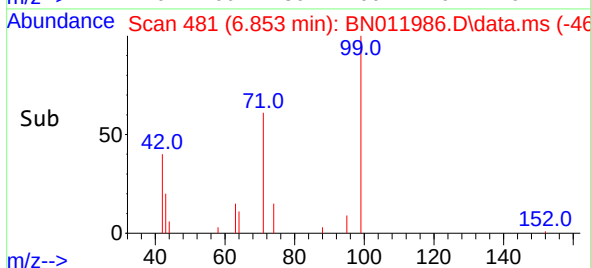
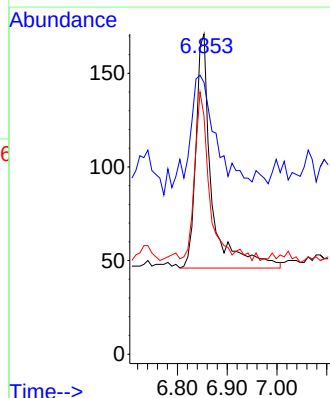
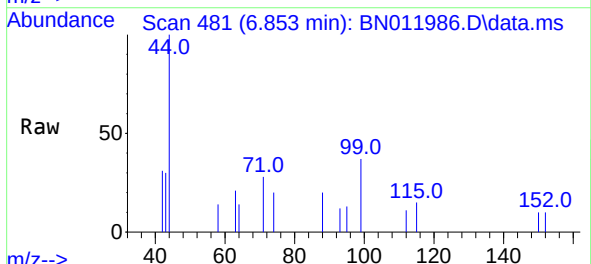
Instrument :
BNA_N
ClientSampleId :
DUP04-20200918

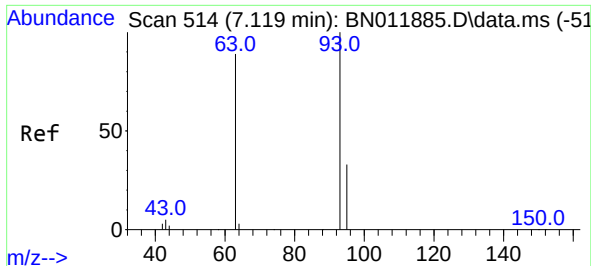
Tgt Ion:112 Resp: 424
Ion Ratio Lower Upper
112 100
64 76.4 49.0 73.6#
63 54.0 31.8 47.6#



#5
Phenol-d6
Concen: 0.05 ng
RT: 6.853 min Scan# 481
Delta R.T. 0.000 min
Lab File: BN011986.D
Acq: 28 Sep 2020 15:49

Tgt Ion: 99 Resp: 275
Ion Ratio Lower Upper
99 100
42 93.8 23.4 35.0#
71 62.2 38.1 57.1#

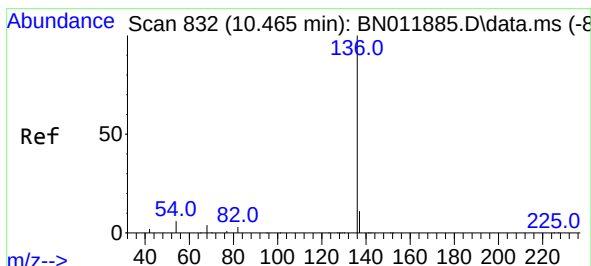
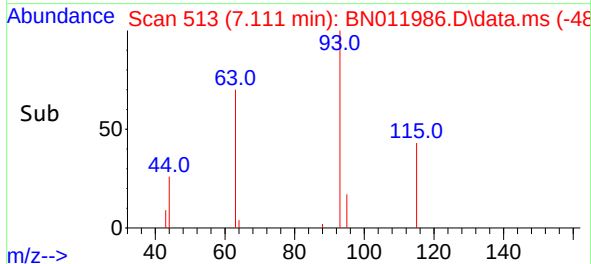
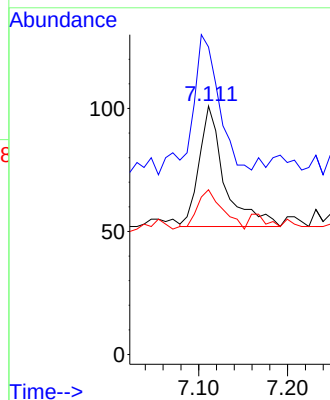
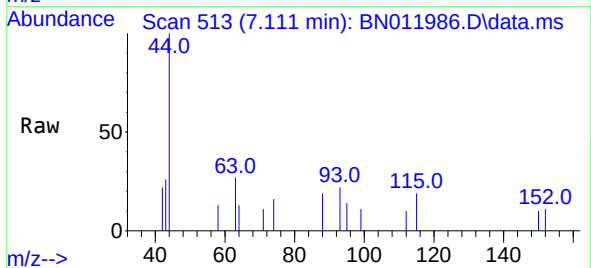




#6
bis(2-Chloroethyl)ether
Concen: 0.02 ng
RT: 7.111 min Scan# 513
Delta R.T. 0.000 min
Lab File: BN011986.D
Acq: 28 Sep 2020 15:49

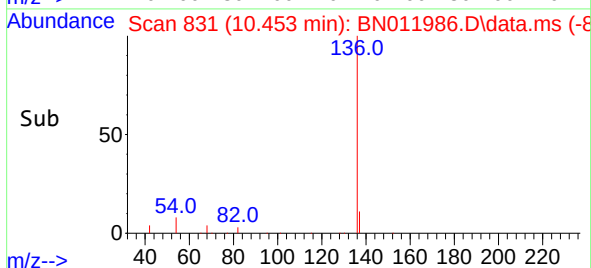
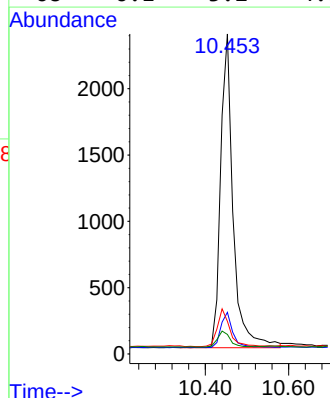
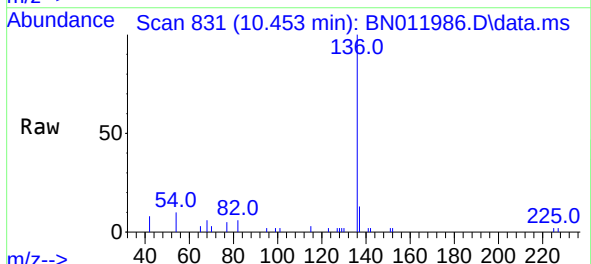
Instrument :
BNA_N
ClientSampleId :
DUP04-20200918

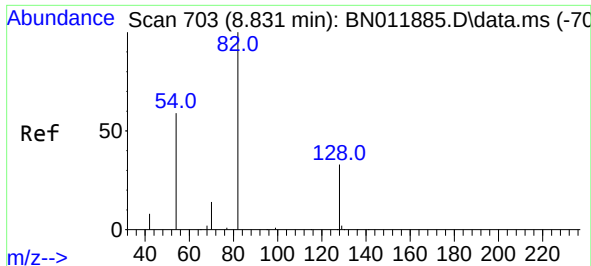
Tgt Ion: 93 Resp: 97
Ion Ratio Lower Upper
93 100
63 124.7 61.1 91.7#
95 32.0 25.5 38.3



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.453 min Scan# 831
Delta R.T. 0.000 min
Lab File: BN011986.D
Acq: 28 Sep 2020 15:49

Tgt Ion: 136 Resp: 4938
Ion Ratio Lower Upper
136 100
137 13.0 9.5 14.3
54 10.2 5.6 8.4#
68 6.1 3.2 4.8#

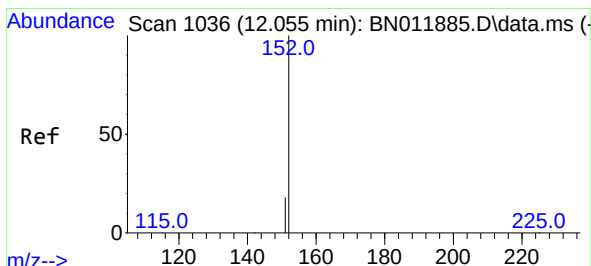
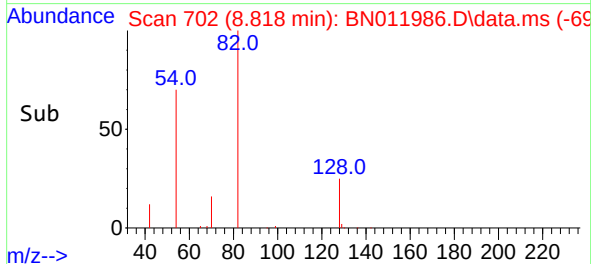
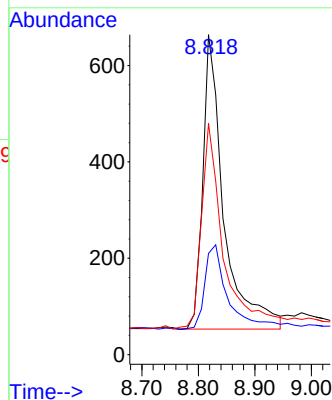
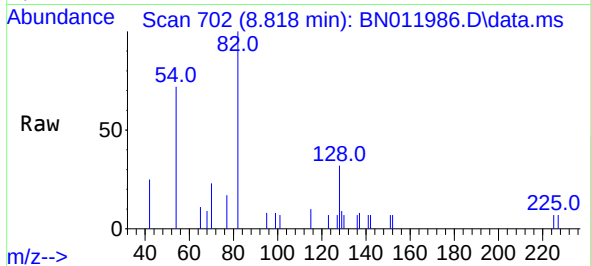




#8
Nitrobenzene-d5
Concen: 0.31 ng
RT: 8.818 min Scan# 702
Delta R.T. 0.000 min
Lab File: BN011986.D
Acq: 28 Sep 2020 15:49

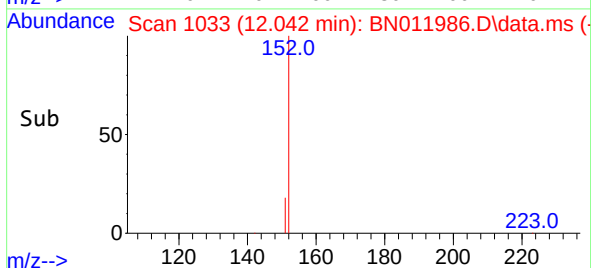
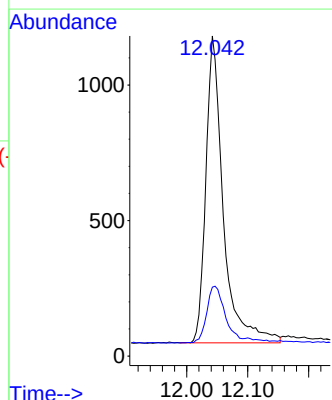
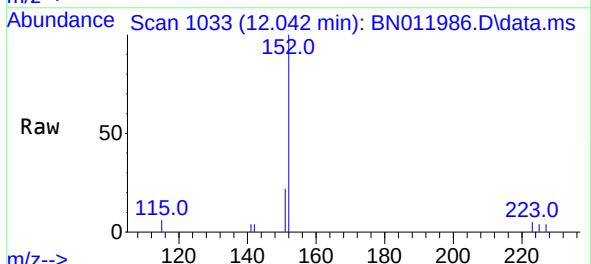
Instrument :
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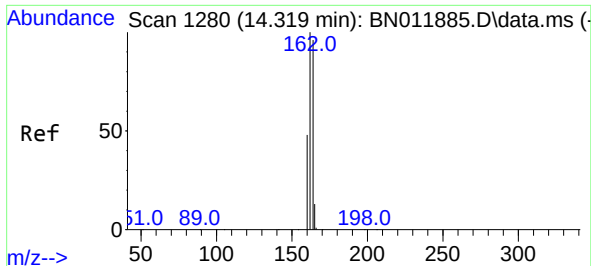
Tgt Ion: 82 Resp: 1579
Ion Ratio Lower Upper
82 100
128 31.6 34.2 51.2#
54 72.3 43.1 64.7#



#11
2-Methylnaphthalene-d10
Concen: 0.29 ng
RT: 12.042 min Scan# 1033
Delta R.T. -0.004 min
Lab File: BN011986.D
Acq: 28 Sep 2020 15:49

Tgt Ion: 152 Resp: 2259
Ion Ratio Lower Upper
152 100
151 19.3 16.7 25.1

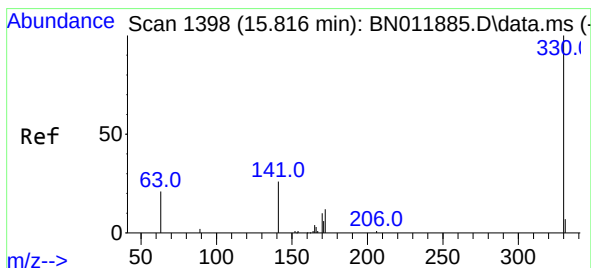
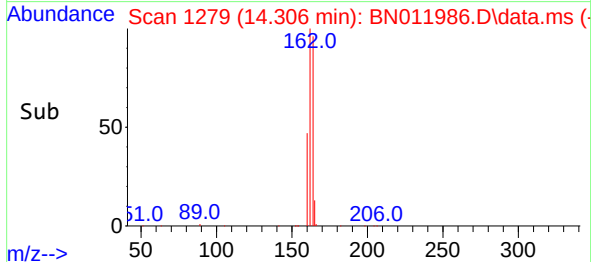
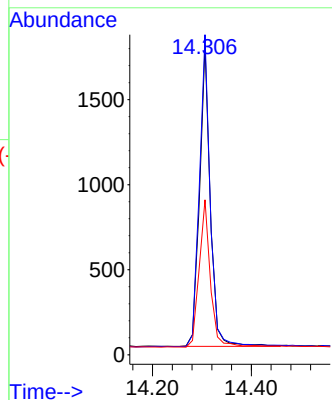
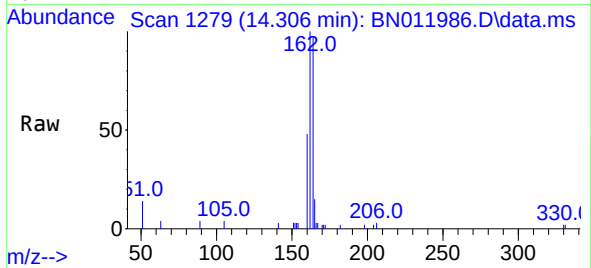




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.306 min Scan# 1279
Delta R.T. 0.000 min
Lab File: BN011986.D
Acq: 28 Sep 2020 15:49

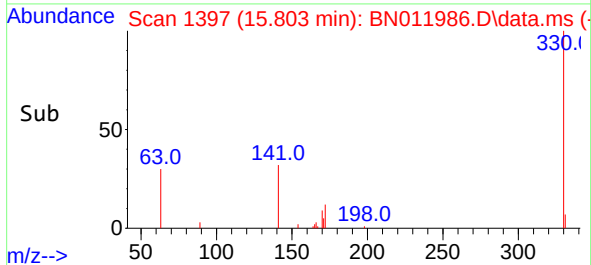
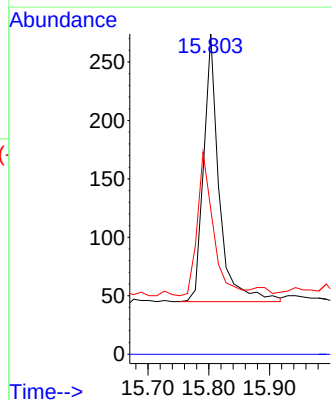
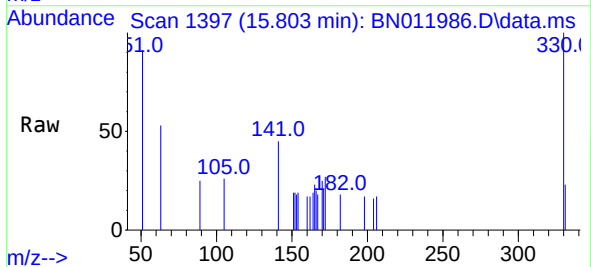
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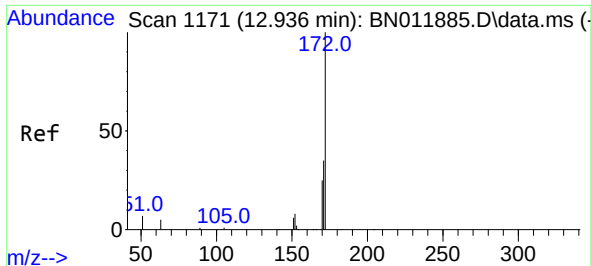
Tgt Ion:164 Resp: 2690
Ion Ratio Lower Upper
164 100
162 103.4 83.6 125.4
160 50.1 41.2 61.8



#14
2,4,6-Tribromophenol
Concen: 0.31 ng
RT: 15.803 min Scan# 1397
Delta R.T. 0.000 min
Lab File: BN011986.D
Acq: 28 Sep 2020 15:49

Tgt Ion:330 Resp: 405
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 56.0 33.7 50.5#

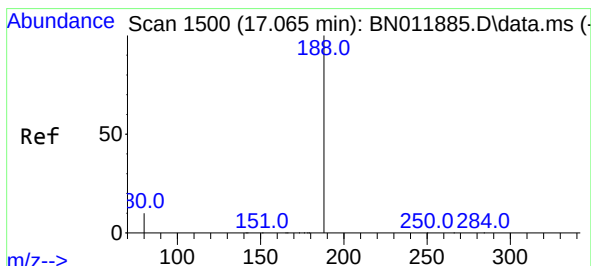
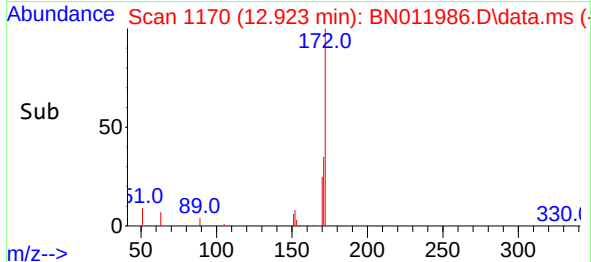
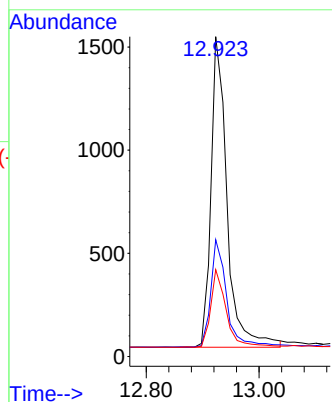
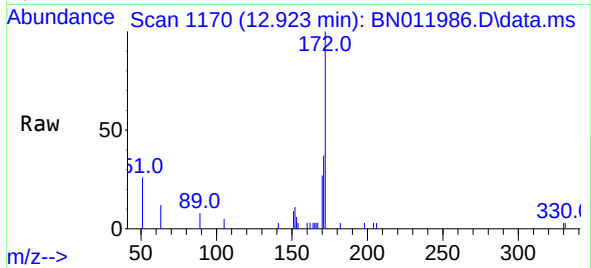




#15
2-Fluorobiphenyl
Concen: 0.29 ng
RT: 12.923 min Scan# 1170
Delta R.T. -0.013 min
Lab File: BN011986.D
Acq: 28 Sep 2020 15:49

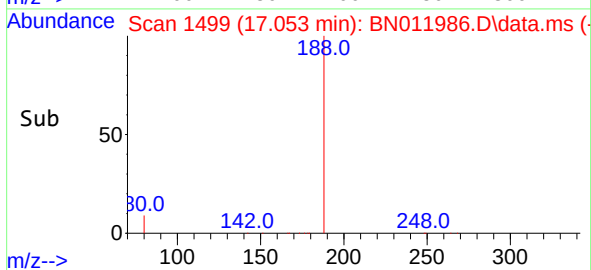
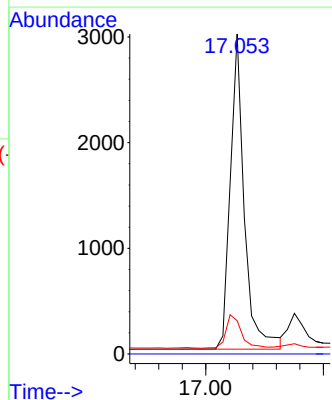
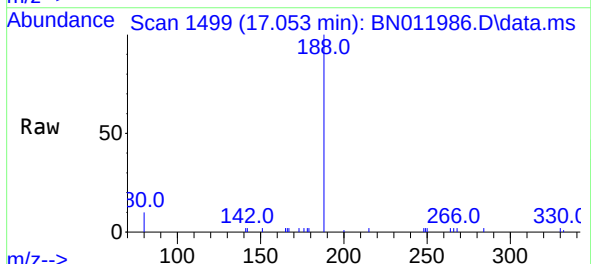
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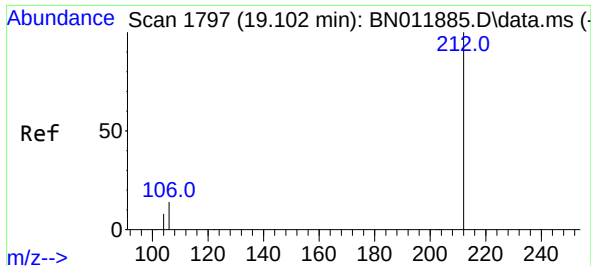
Tgt Ion:	172	Resp:	2973
Ion	Ratio	Lower	Upper
172	100		
171	36.5	27.4	41.2
170	27.2	17.8	26.6#



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.053 min Scan# 1499
Delta R.T. 0.000 min
Lab File: BN011986.D
Acq: 28 Sep 2020 15:49

Tgt Ion:	188	Resp:	4936
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.4	7.7	11.5

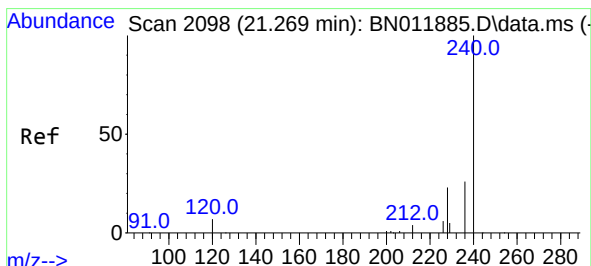
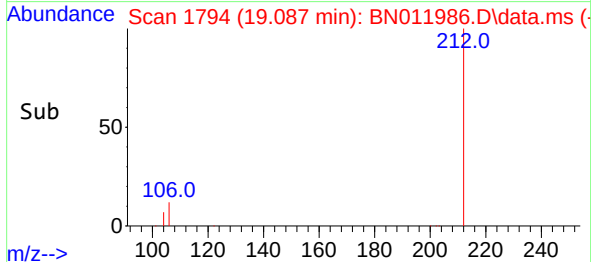
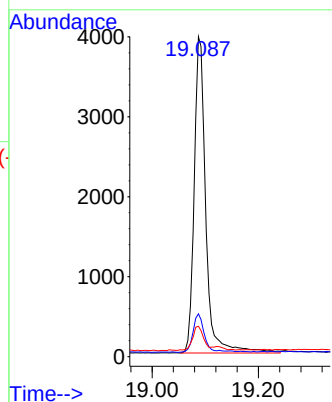
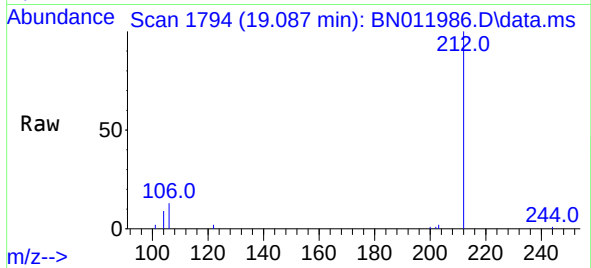




#27
Fluoranthene-d10
Concen: 0.41 ng
RT: 19.087 min Scan# 1794
Delta R.T. -0.005 min
Lab File: BN011986.D
Acq: 28 Sep 2020 15:49

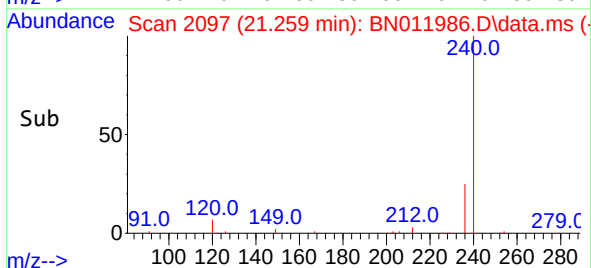
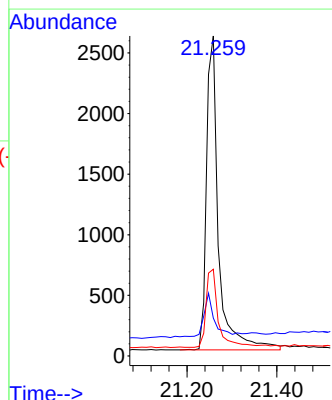
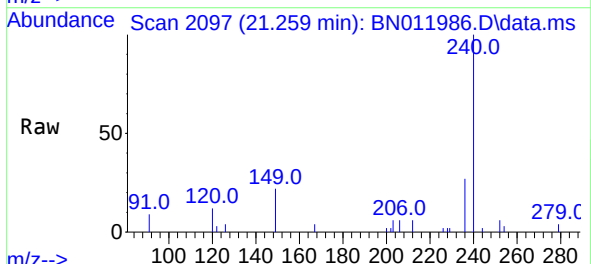
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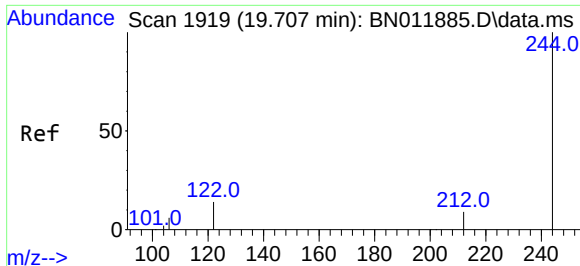
Tgt Ion:212 Resp: 5986
Ion Ratio Lower Upper
212 100
106 11.7 6.4 9.6#
104 7.2 3.9 5.9#



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.259 min Scan# 2097
Delta R.T. 0.000 min
Lab File: BN011986.D
Acq: 28 Sep 2020 15:49

Tgt Ion:240 Resp: 4778
Ion Ratio Lower Upper
240 100
120 11.9 3.5 5.3#
236 27.1 20.5 30.7

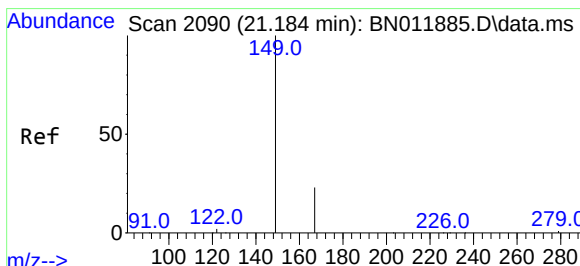
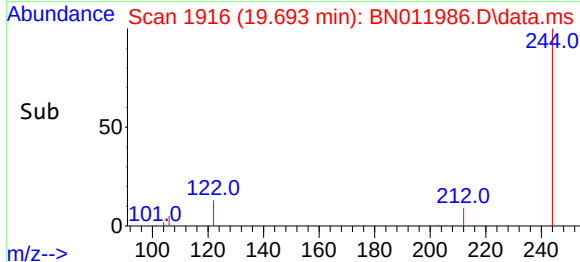
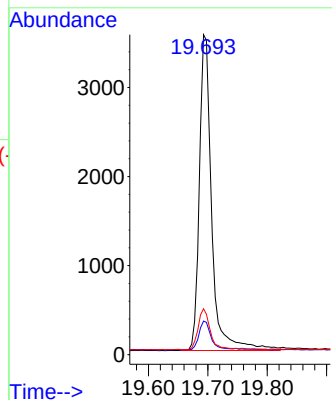
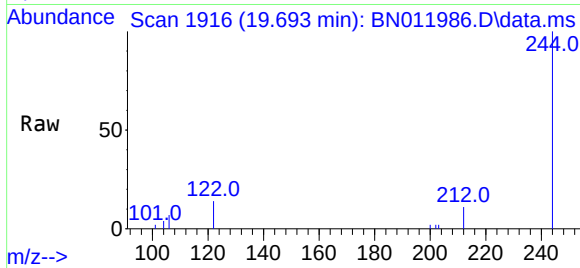




#31
 Terphenyl-d14
 Concen: 0.47 ng
 RT: 19.693 min Scan# 1916
 Delta R.T. -0.005 min
 Lab File: BN011986.D
 Acq: 28 Sep 2020 15:49

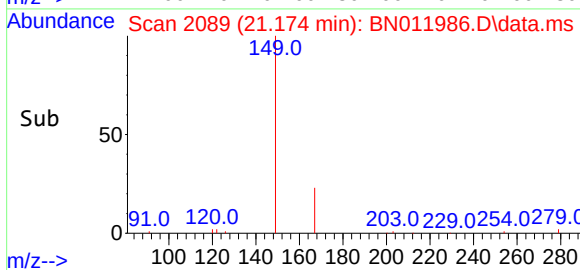
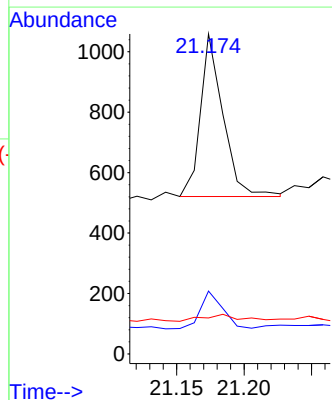
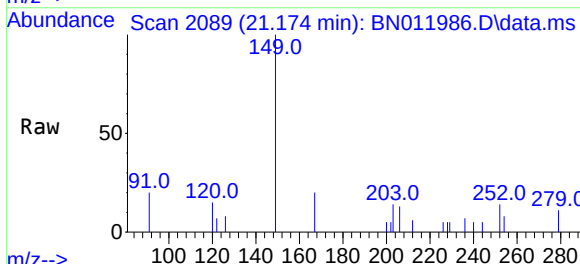
Instrument :
 BNA_N
 ClientSampleId :
 DUP04-20200918

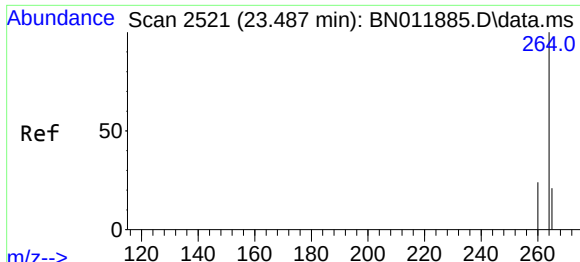
Tgt Ion:244 Resp: 5152
 Ion Ratio Lower Upper
 244 100
 212 10.5 7.3 10.9
 122 14.3 7.8 11.6#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.06 ng
 RT: 21.174 min Scan# 2089
 Delta R.T. 0.000 min
 Lab File: BN011986.D
 Acq: 28 Sep 2020 15:49

Tgt Ion:149 Resp: 627
 Ion Ratio Lower Upper
 149 100
 167 22.8 23.6 35.4#
 279 7.0 4.0 6.0#





#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.467 min Scan# 2515
 Delta R.T. -0.003 min
 Lab File: BN011986.D
 Acq: 28 Sep 2020 15:49

Instrument :
 BNA_N
 ClientSampleId :
 DUP04-20200918

Tgt Ion:264 Resp: 5054

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.6	29.4
265	70.3	38.6	58.0#

