

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092320\
 Data File : BN011898.D
 Acq On : 24 Sep 2020 03:51
 Operator : CG/JU
 Sample : L4082-09
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE134D2-20200915

Quant Time: Sep 24 05:05:00 2020
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 23 18:41:41 2020
 Response via : Initial Calibration

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

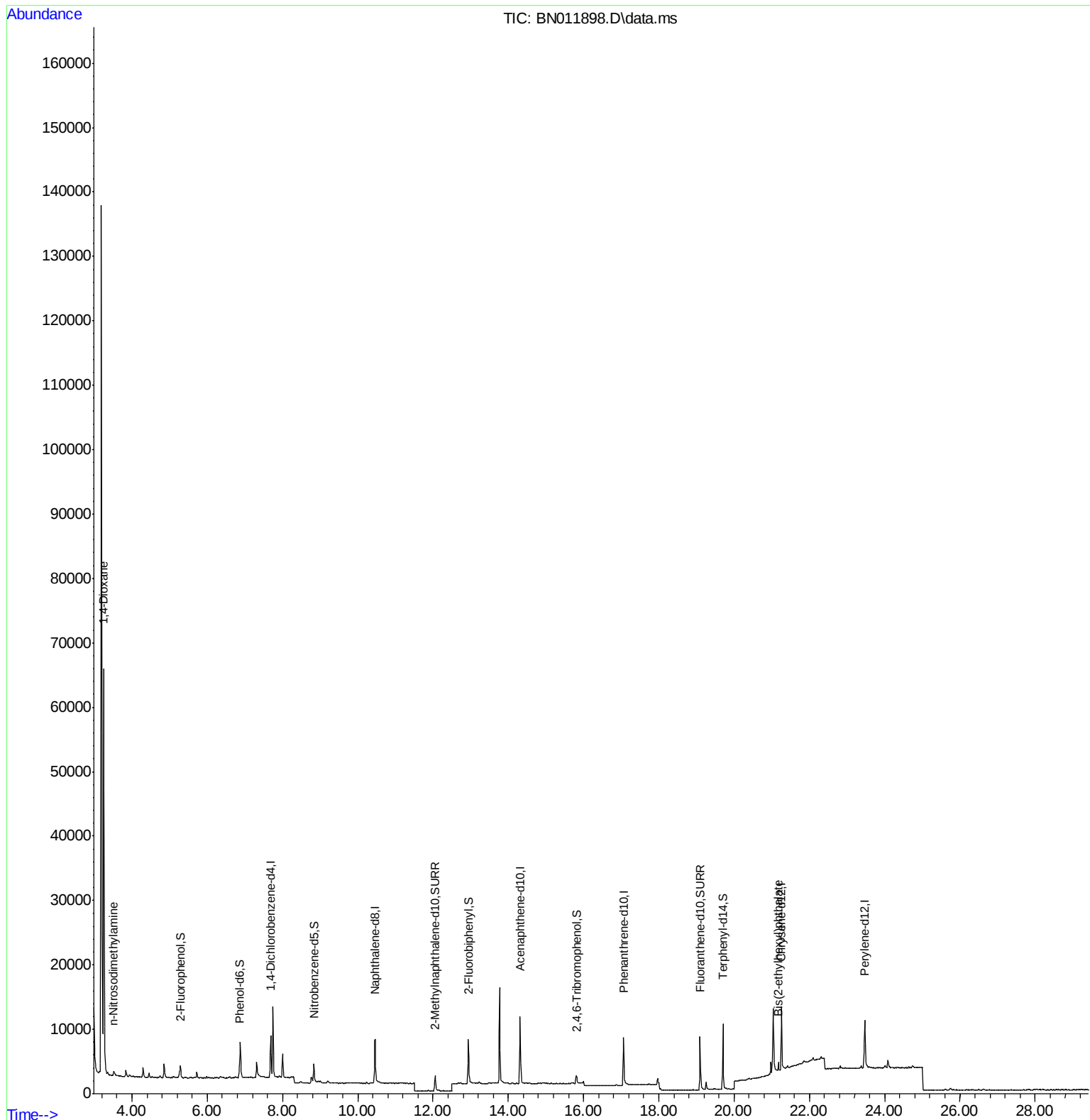
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.691	152	2873	0.40	ng	0.00
7) Naphthalene-d8	10.465	136	11575	0.40	ng	# 0.00
13) Acenaphthene-d10	14.319	164	6072	0.40	ng	0.00
19) Phenanthrene-d10	17.065	188	12166	0.40	ng	0.00
29) Chrysene-d12	21.258	240	11082	0.40	ng	#-0.01
36) Perylene-d12	23.473	264	11272	0.40	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.291	112	1275	0.13	ng	0.00
5) Phenol-d6	6.853	99	936	0.07	ng	0.00
8) Nitrobenzene-d5	8.830	82	3092	0.26	ng	0.00
11) 2-Methylnaphthalene-d10	12.055	152	4359	0.24	ng	0.00
14) 2,4,6-Tribromophenol	15.816	330	998	0.34	ng	0.00
15) 2-Fluorobiphenyl	12.936	172	6817	0.30	ng	0.00
27) Fluoranthene-d10	19.097	212	10354	0.29	ng	0.00
31) Terphenyl-d14	19.702	244	10804	0.43	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.245	88	32855	6.57	ng	95
3) n-Nitrosodimethylamine	3.511	42	329	0.05	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.173	149	1582	0.06	ng	92

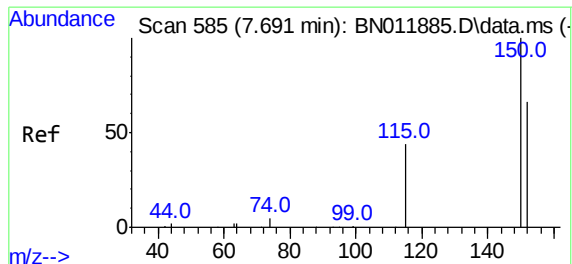
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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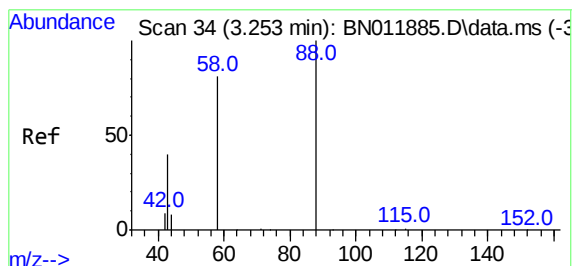
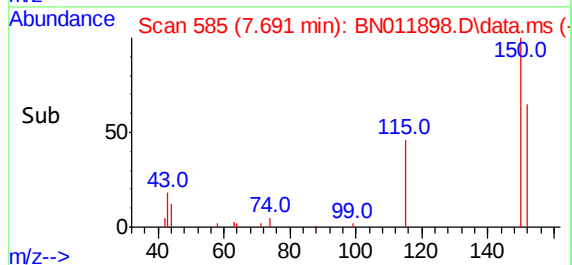
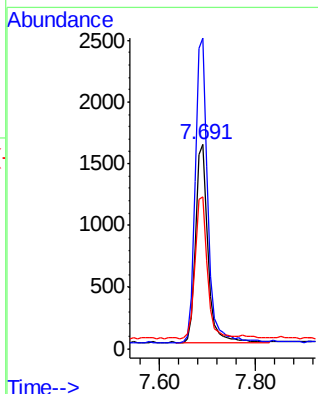
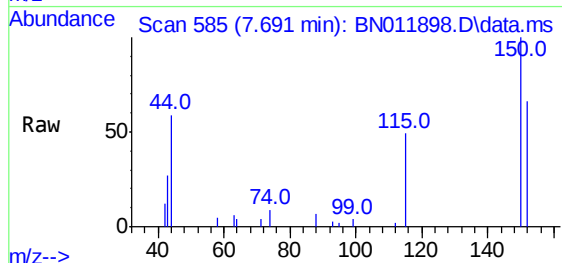




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.691 min Scan# 585
Delta R.T. -0.000 min
Lab File: BN011898.D
Acq: 24 Sep 2020 03:51

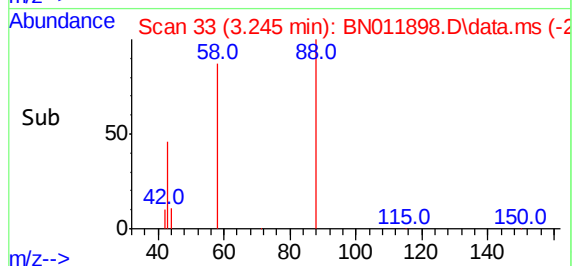
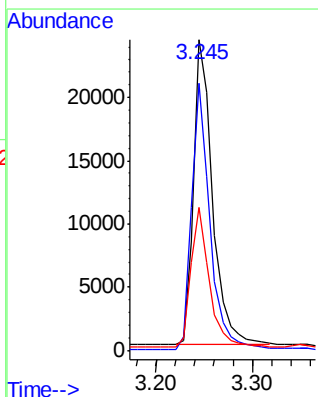
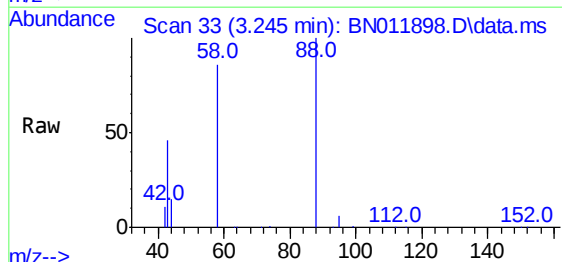
Instrument :
BNA_N
ClientSampleId :
RE134D2-20200915

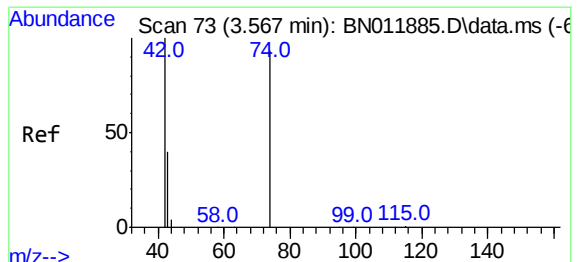
Tgt Ion:152 Resp: 2873
Ion Ratio Lower Upper
152 100
150 152.2 118.3 177.5
115 74.2 51.3 76.9



#2
1,4-Dioxane
Concen: 6.57 ng
RT: 3.245 min Scan# 33
Delta R.T. -0.008 min
Lab File: BN011898.D
Acq: 24 Sep 2020 03:51

Tgt Ion: 88 Resp: 32855
Ion Ratio Lower Upper
88 100
58 83.6 63.3 94.9
43 44.2 33.0 49.4

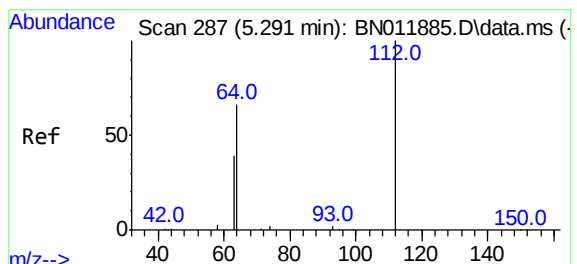
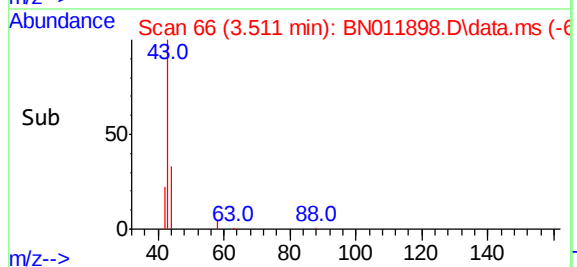
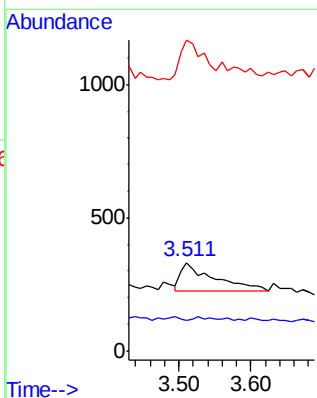
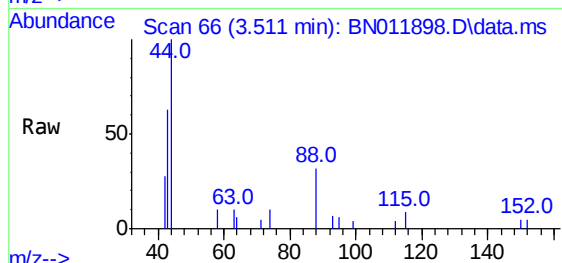




#3
n-Nitrosodimethylamine
Concen: 0.05 ng
RT: 3.511 min Scan# 66
Delta R.T. -0.056 min
Lab File: BN011898.D
Acq: 24 Sep 2020 03:51

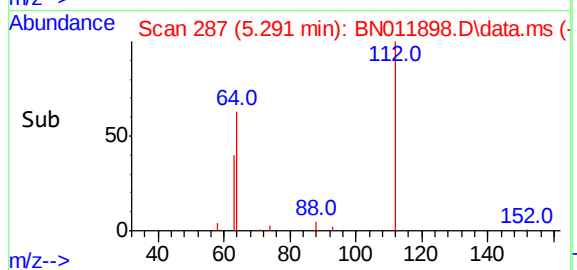
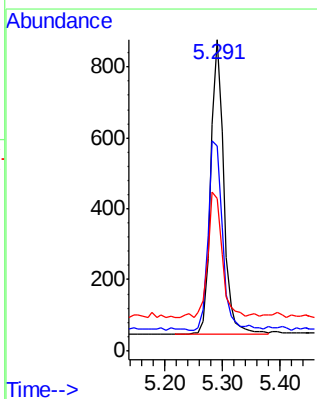
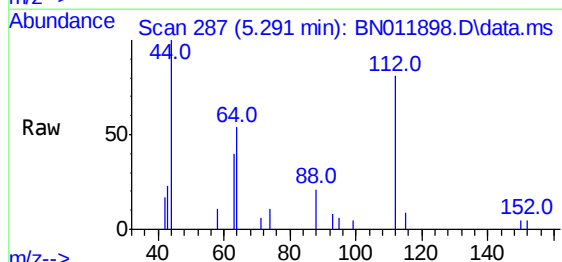
Instrument :
BNA_N
ClientSampleId :
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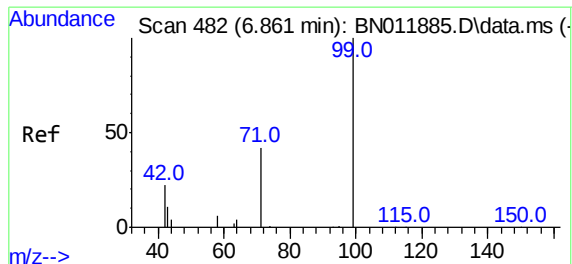
Tgt Ion: 42 Resp: 329
Ion Ratio Lower Upper
42 100
74 7.9 64.4 96.6#
44 103.0 6.7 10.1#



#4
2-Fluorophenol
Concen: 0.13 ng
RT: 5.291 min Scan# 287
Delta R.T. -0.000 min
Lab File: BN011898.D
Acq: 24 Sep 2020 03:51

Tgt Ion: 112 Resp: 1275
Ion Ratio Lower Upper
112 100
64 71.8 49.0 73.6
63 46.6 31.8 47.6

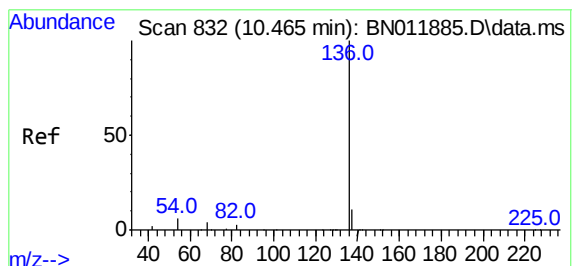
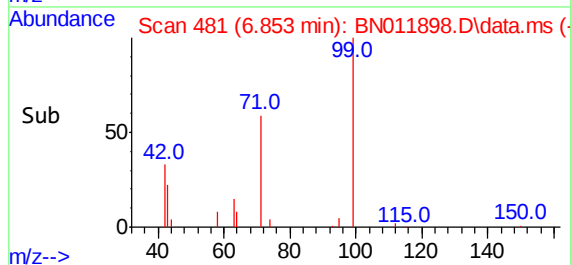
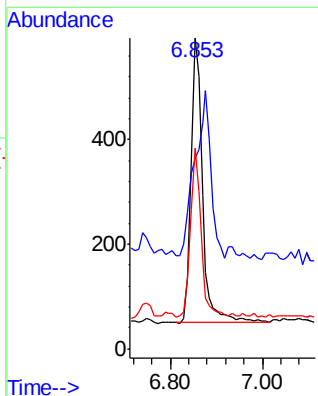
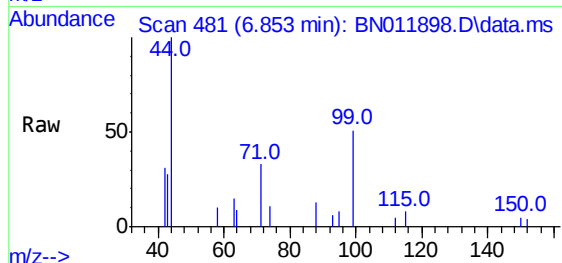




#5
Phenol-d6
Concen: 0.07 ng
RT: 6.853 min Scan# 481
Delta R.T. -0.008 min
Lab File: BN011898.D
Acq: 24 Sep 2020 03:51

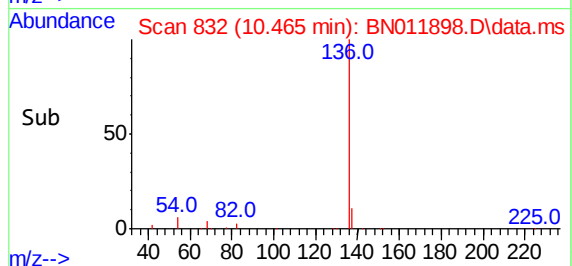
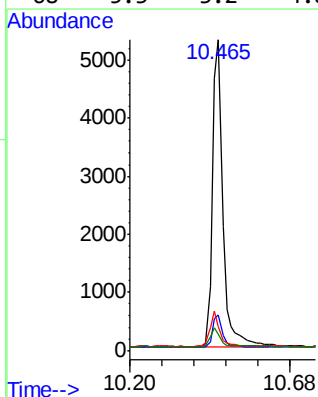
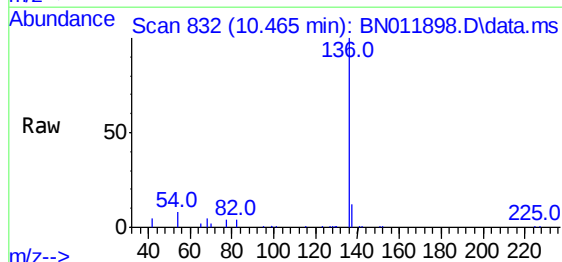
Instrument :
BNA_N
ClientSampleId :
RE134D2-20200915

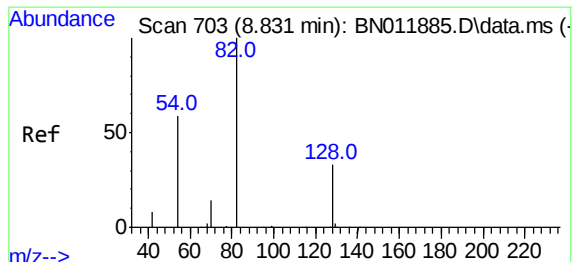
Tgt Ion: 99 Resp: 936
Ion Ratio Lower Upper
99 100
42 0.0 23.4 35.0#
71 55.3 38.1 57.1



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.465 min Scan# 832
Delta R.T. -0.000 min
Lab File: BN011898.D
Acq: 24 Sep 2020 03:51

Tgt Ion: 136 Resp: 11575
Ion Ratio Lower Upper
136 100
137 11.6 9.5 14.3
54 7.8 5.6 8.4
68 5.3 3.2 4.8#

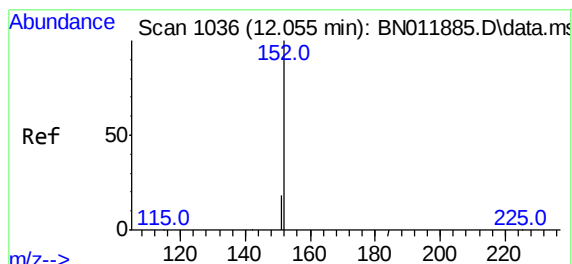
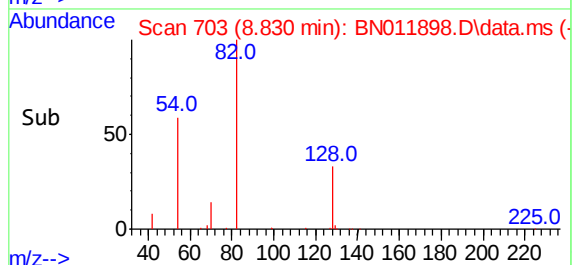
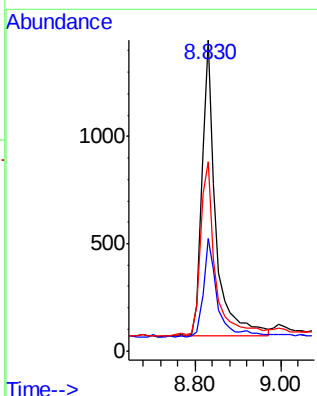
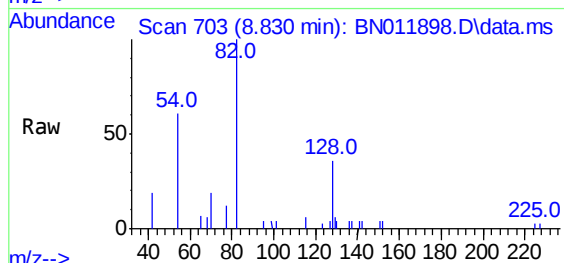




#8
Nitrobenzene-d5
Concen: 0.26 ng
RT: 8.830 min Scan# 703
Delta R.T. -0.000 min
Lab File: BN011898.D
Acq: 24 Sep 2020 03:51

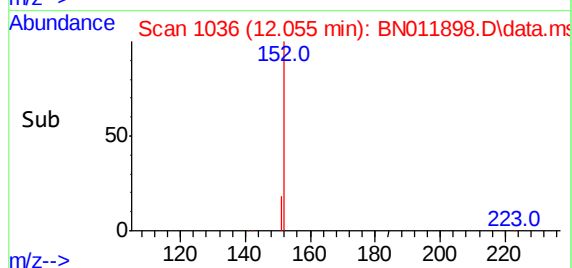
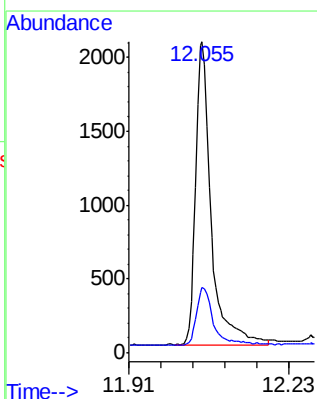
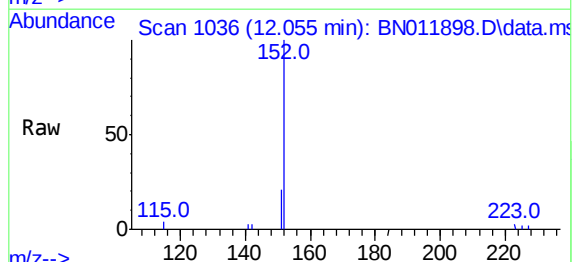
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ClientSampleId :
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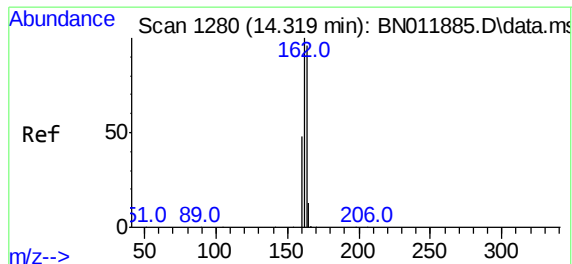
Tgt Ion: 82 Resp: 3092
Ion Ratio Lower Upper
82 100
128 36.1 34.2 51.2
54 60.7 43.1 64.7



#11
2-Methylnaphthalene-d10
Concen: 0.24 ng
RT: 12.055 min Scan# 1036
Delta R.T. -0.000 min
Lab File: BN011898.D
Acq: 24 Sep 2020 03:51

Tgt Ion: 152 Resp: 4359
Ion Ratio Lower Upper
152 100
151 20.6 16.7 25.1

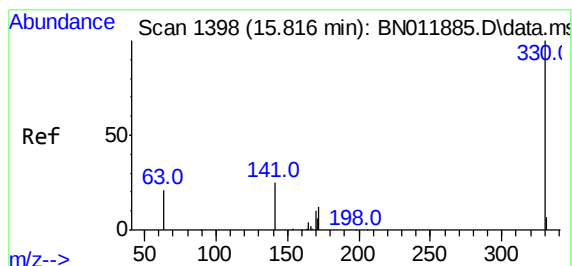
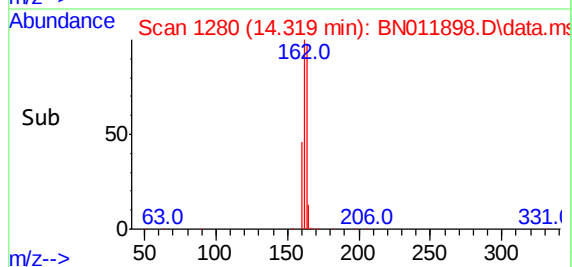
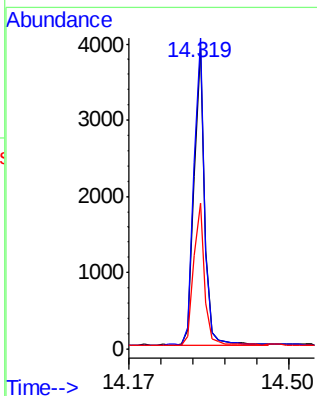
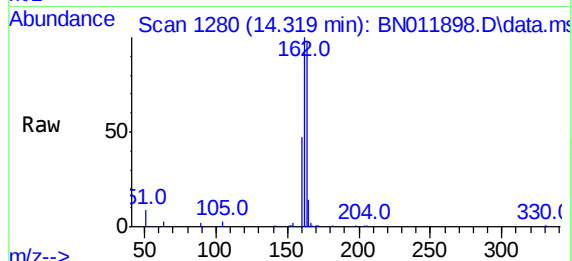




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.319 min Scan# 1280
Delta R.T. -0.000 min
Lab File: BN011898.D
Acq: 24 Sep 2020 03:51

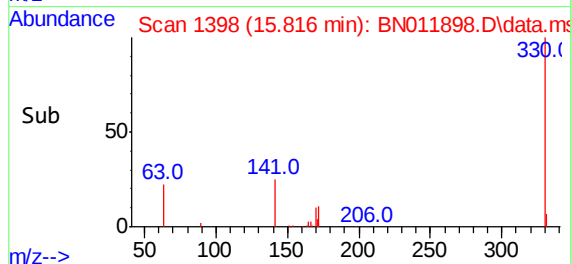
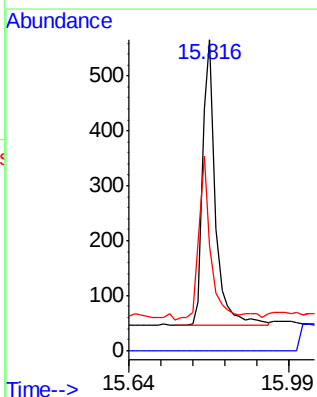
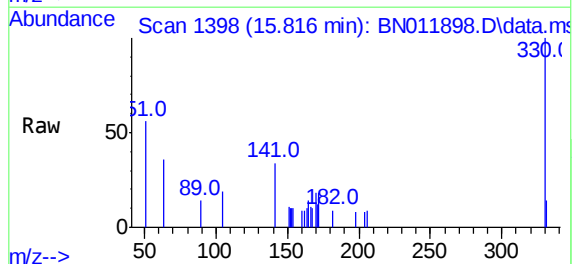
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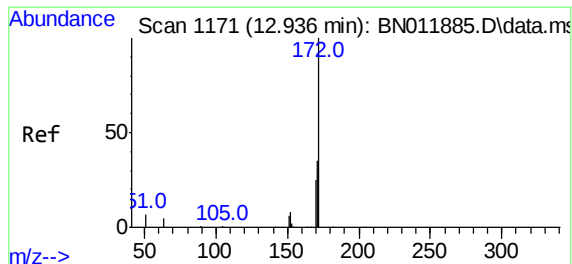
Tgt Ion:164 Resp: 6072
Ion Ratio Lower Upper
164 100
162 103.3 83.6 125.4
160 48.2 41.2 61.8



#14
2,4,6-Tribromophenol
Concen: 0.34 ng
RT: 15.816 min Scan# 1398
Delta R.T. -0.000 min
Lab File: BN011898.D
Acq: 24 Sep 2020 03:51

Tgt Ion:330 Resp: 998
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 53.5 33.7 50.5#

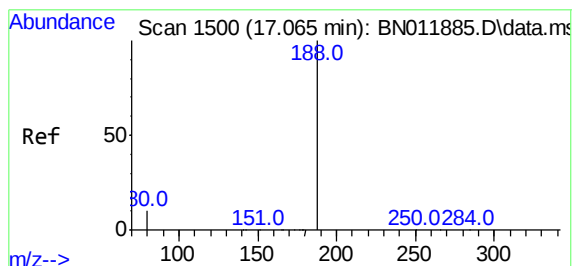
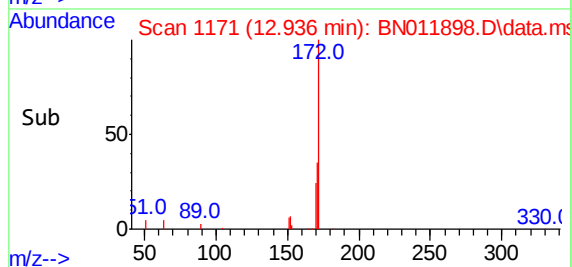
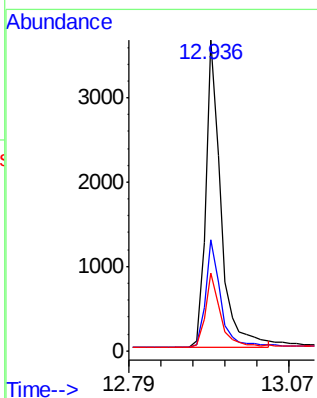
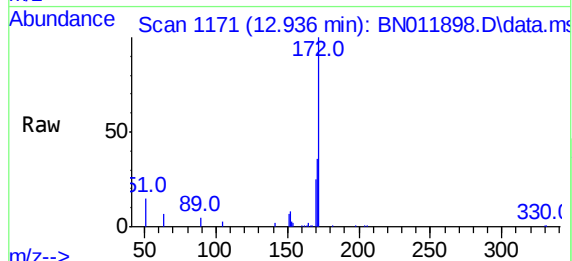




#15
2-Fluorobiphenyl
Concen: 0.30 ng
RT: 12.936 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BN011898.D
Acq: 24 Sep 2020 03:51

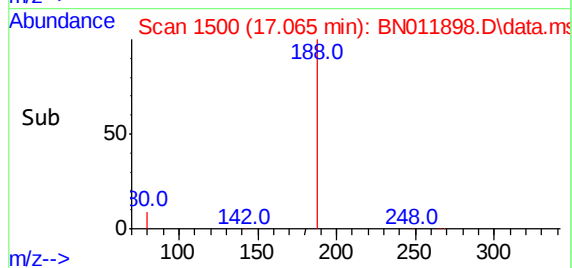
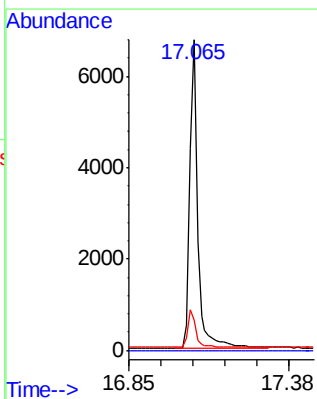
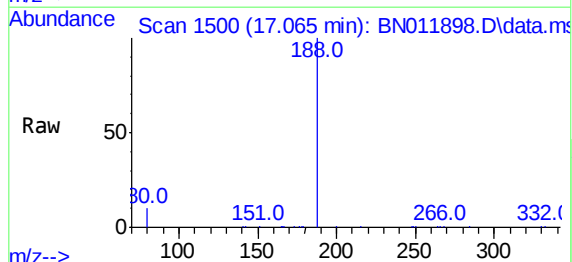
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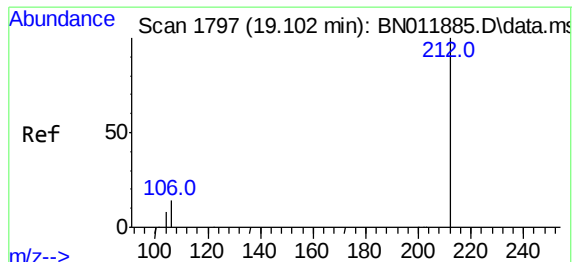
Tgt Ion:	172	Resp:	6817
Ion	Ratio	Lower	Upper
172	100		
171	35.8	27.4	41.2
170	25.1	17.8	26.6



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.065 min Scan# 1500
Delta R.T. -0.000 min
Lab File: BN011898.D
Acq: 24 Sep 2020 03:51

Tgt Ion:	188	Resp:	12166
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.0	7.7	11.5

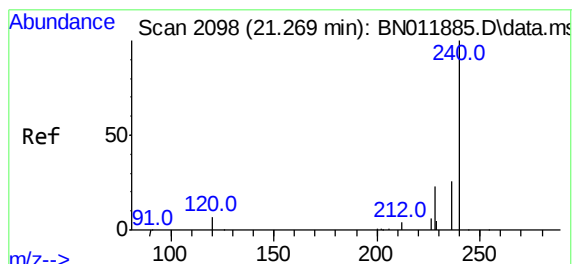
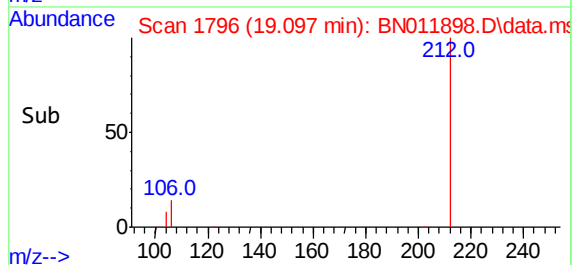
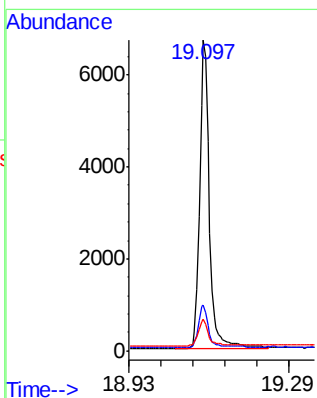
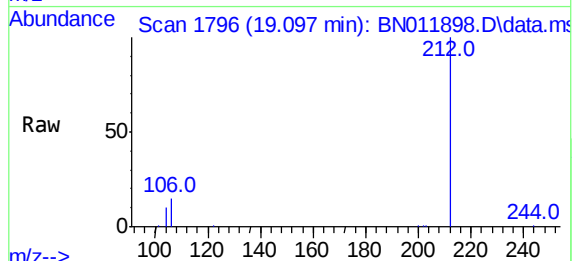




#27
Fluoranthene-d10
Concen: 0.29 ng
RT: 19.097 min Scan# 1796
Delta R.T. -0.005 min
Lab File: BN011898.D
Acq: 24 Sep 2020 03:51

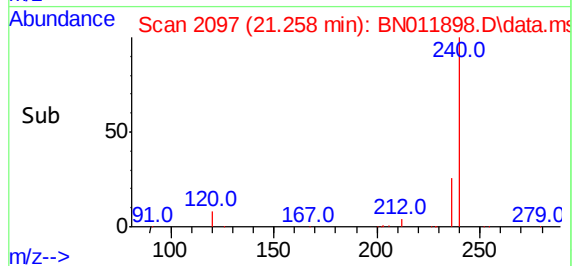
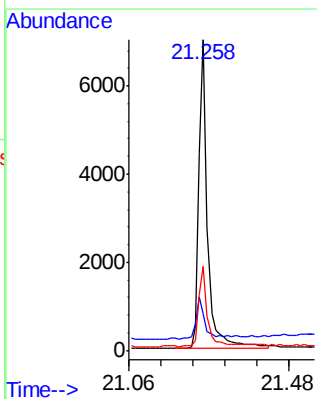
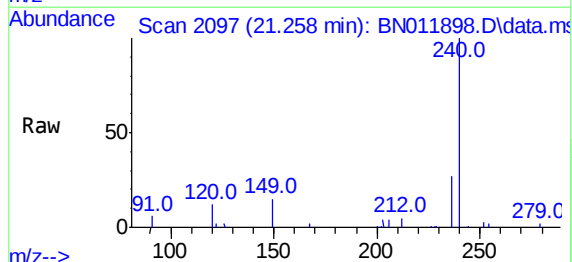
Instrument :
BNA_N
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RE134D2-20200915

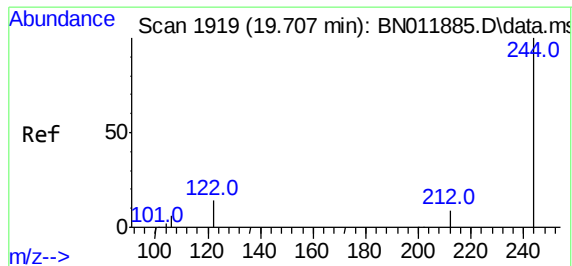
Tgt Ion:212 Resp: 10354
Ion Ratio Lower Upper
212 100
106 14.1 6.4 9.6#
104 8.7 3.9 5.9#



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.258 min Scan# 2097
Delta R.T. -0.011 min
Lab File: BN011898.D
Acq: 24 Sep 2020 03:51

Tgt Ion:240 Resp: 11082
Ion Ratio Lower Upper
240 100
120 11.8 3.5 5.3#
236 27.1 20.5 30.7

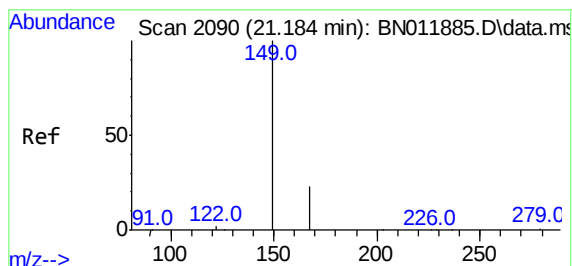
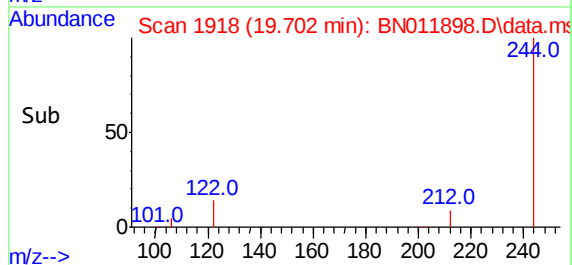
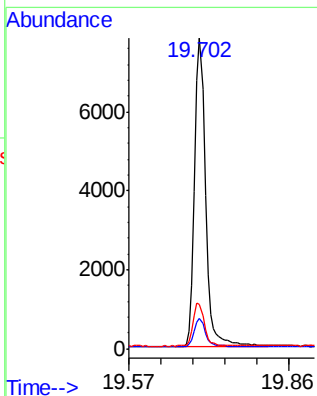
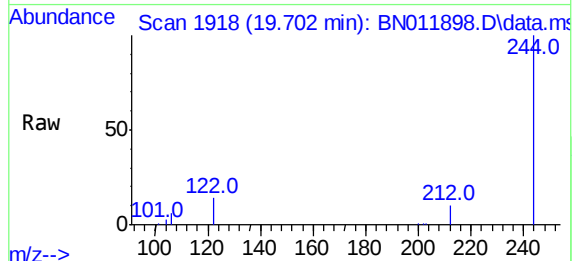




#31
Terphenyl-d14
Concen: 0.43 ng
RT: 19.702 min Scan# 1918
Delta R.T. -0.005 min
Lab File: BN011898.D
Acq: 24 Sep 2020 03:51

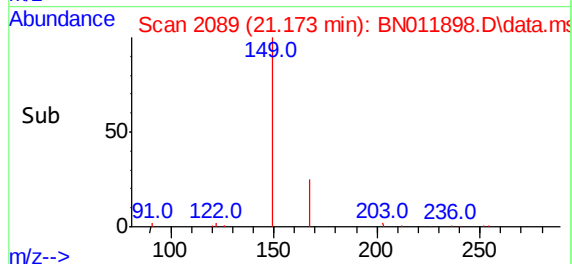
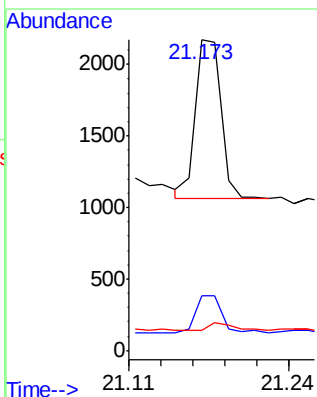
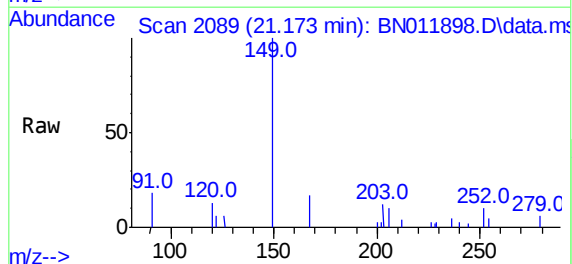
Instrument :
BNA_N
ClientSampleId :
RE134D2-20200915

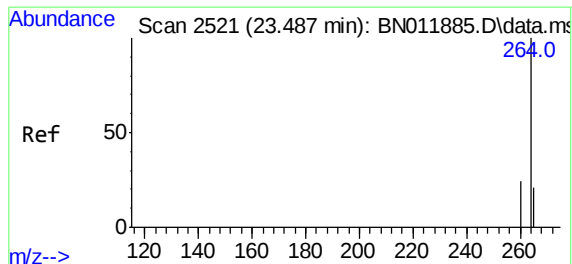
Tgt Ion:244 Resp: 10804
Ion Ratio Lower Upper
244 100
212 9.7 7.3 10.9
122 14.4 7.8 11.6#



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.06 ng
RT: 21.173 min Scan# 2089
Delta R.T. -0.011 min
Lab File: BN011898.D
Acq: 24 Sep 2020 03:51

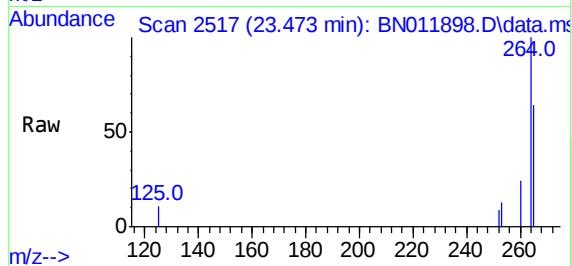
Tgt Ion:149 Resp: 1582
Ion Ratio Lower Upper
149 100
167 24.7 23.6 35.4
279 5.1 4.0 6.0





#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.473 min Scan# 2517
 Delta R.T. -0.014 min
 Lab File: BN011898.D
 Acq: 24 Sep 2020 03:51

Instrument :
 BNA_N
 ClientSampleId :
 RE134D2-20200915



Tgt Ion:264 Resp: 11272
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.6 29.4
 265 63.7 38.6 58.0#

