

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092420\
 Data File : BN011938.D
 Acq On : 25 Sep 2020 07:05
 Operator : CG/JU
 Sample : L4082-20DL 2X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE125D1-20200916DL

Quant Time: Sep 25 07:41:18 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)

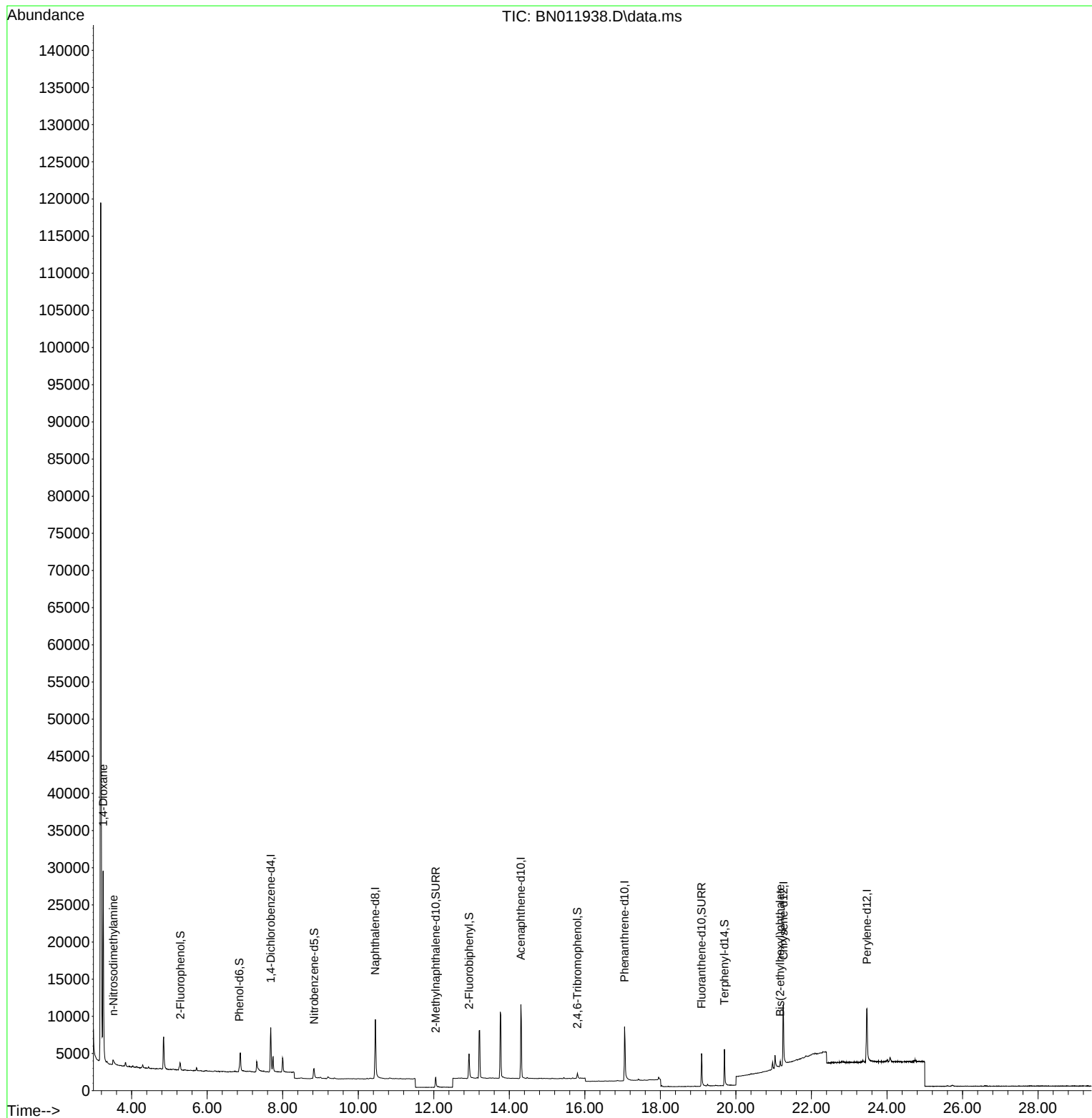
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.683	152	2794	0.40	ng	0.00
7) Naphthalene-d8	10.453	136	11691	0.40	ng	#-0.01
13) Acenaphthene-d10	14.306	164	6305	0.40	ng	-0.01
19) Phenanthrene-d10	17.053	188	12675	0.40	ng	#-0.01
29) Chrysene-d12	21.259	240	11159	0.40	ng	#-0.01
36) Perylene-d12	23.467	264	11318	0.40	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.291	112	673	0.07	ng	0.00
5) Phenol-d6	6.853	99	463	0.04	ng	0.00
8) Nitrobenzene-d5	8.831	82	1674	0.14	ng	0.00
11) 2-Methylnaphthalene-d10	12.051	152	2382	0.13	ng	0.00
14) 2,4,6-Tribromophenol	15.803	330	564	0.18	ng	-0.01
15) 2-Fluorobiphenyl	12.936	172	3463	0.15	ng	0.00
27) Fluoranthene-d10	19.092	212	5824	0.16	ng	0.00
31) Terphenyl-d14	19.698	244	5689	0.22	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.245	88	13866	2.85	ng	Qvalue 95
3) n-Nitrosodimethylamine	3.519	42	302	0.04	ng	# 7
34) Bis(2-ethylhexyl)phtha...	21.174	149	564	0.02	ng	# 92

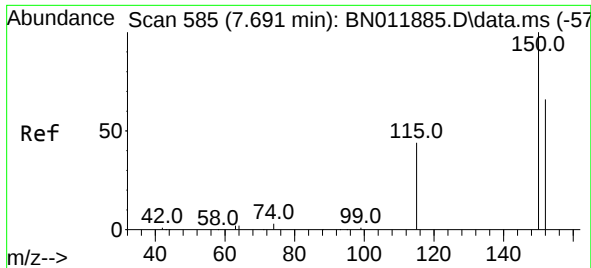
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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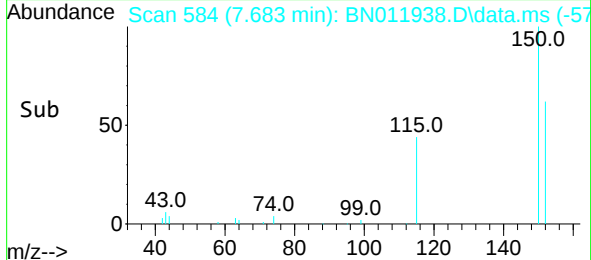
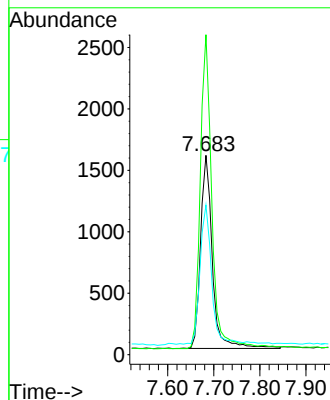
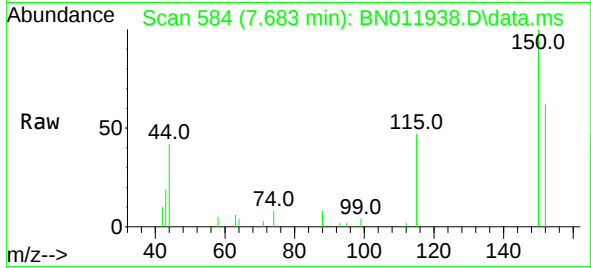




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.683 min Scan# 584
 Delta R.T. -0.008 min
 Lab File: BN011938.D
 Acq: 25 Sep 2020 07:05

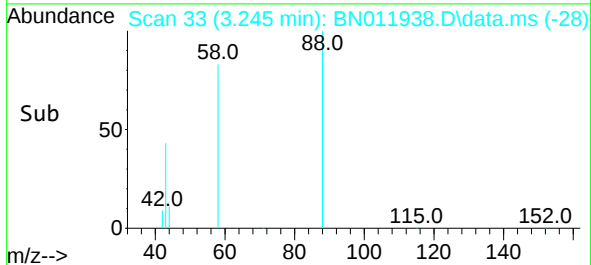
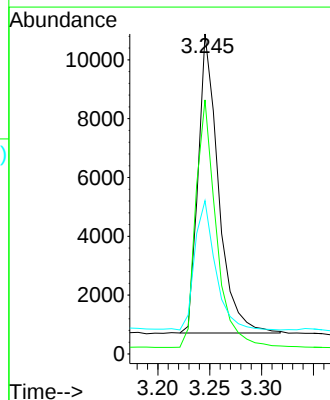
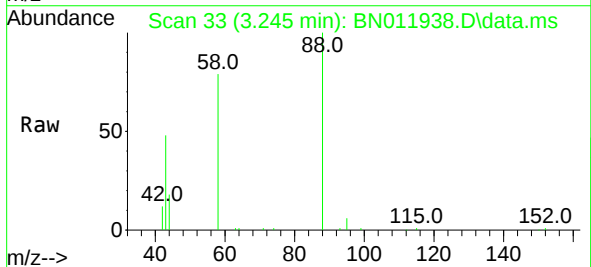
Instrument :
 BNA_N
 ClientSampleId :
 RE125D1-20200916DL

Tgt Ion:152 Resp: 2794
 Ion Ratio Lower Upper
 152 100
 150 160.5 118.3 177.5
 115 75.0 51.3 76.9



#2
 1,4-Dioxane
 Concen: 2.85 ng
 RT: 3.245 min Scan# 33
 Delta R.T. -0.008 min
 Lab File: BN011938.D
 Acq: 25 Sep 2020 07:05

Tgt Ion: 88 Resp: 13866
 Ion Ratio Lower Upper
 88 100
 58 83.3 63.3 94.9
 43 43.9 33.0 49.4

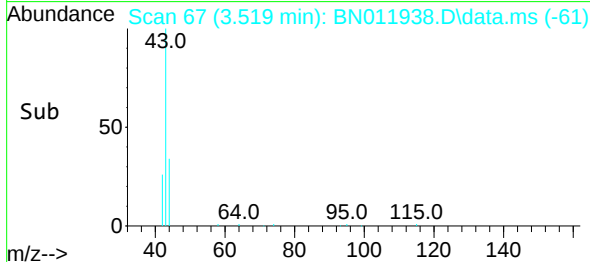
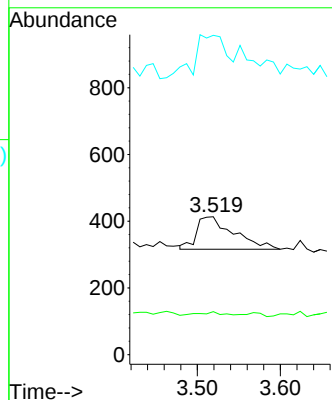
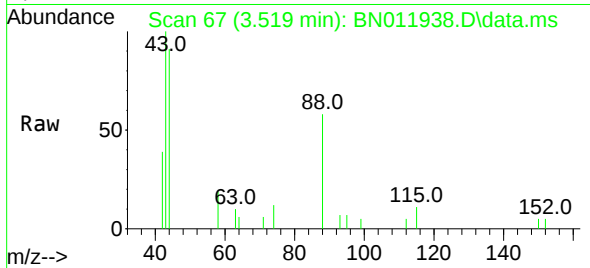




#3
n-Nitrosodimethylamine
Concen: 0.04 ng
RT: 3.519 min Scan# 67
Delta R.T. -0.048 min
Lab File: BN011938.D
Acq: 25 Sep 2020 07:05

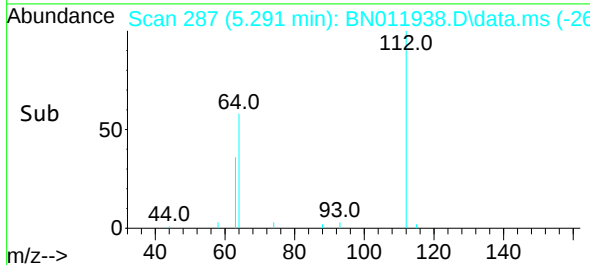
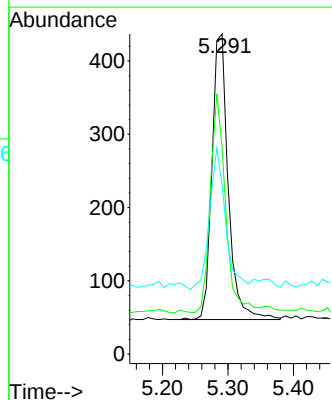
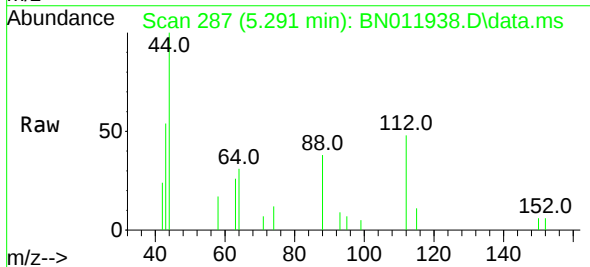
Instrument :
BNA_N
ClientSampleId :
RE125D1-20200916DL

Tgt Ion: 42 Resp: 302
Ion Ratio Lower Upper
42 100
74 4.0 64.4 96.6#
44 64.9 6.7 10.1#



#4
2-Fluorophenol
Concen: 0.07 ng
RT: 5.291 min Scan# 287
Delta R.T. 0.000 min
Lab File: BN011938.D
Acq: 25 Sep 2020 07:05

Tgt Ion: 112 Resp: 673
Ion Ratio Lower Upper
112 100
64 70.9 49.0 73.6
63 48.6 31.8 47.6#

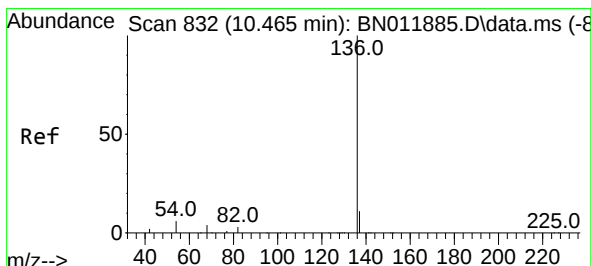
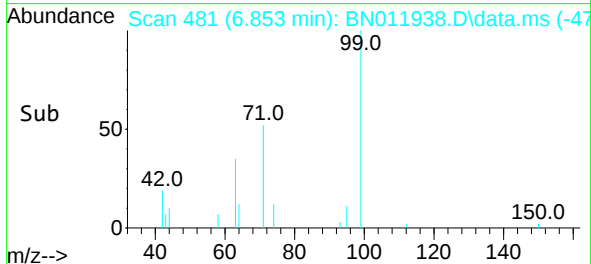
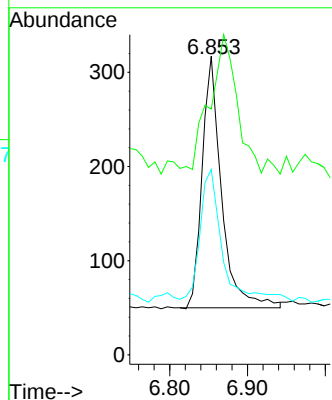
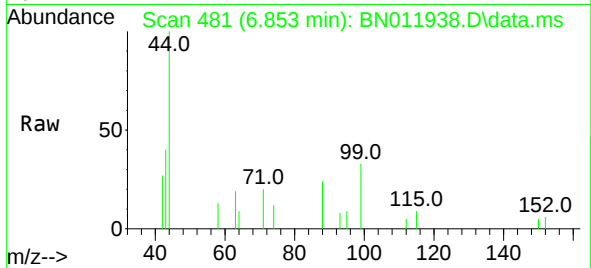




#5
Phenol-d6
Concen: 0.04 ng
RT: 6.853 min Scan# 481
Delta R.T. -0.008 min
Lab File: BN011938.D
Acq: 25 Sep 2020 07:05

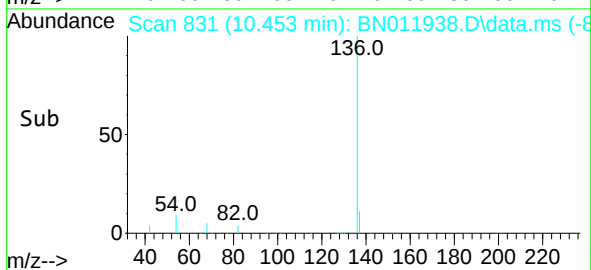
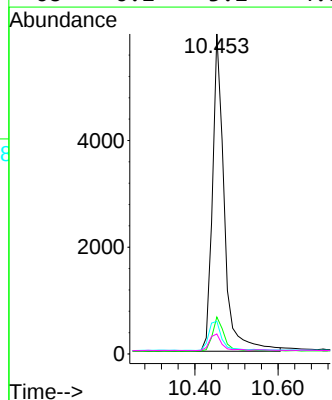
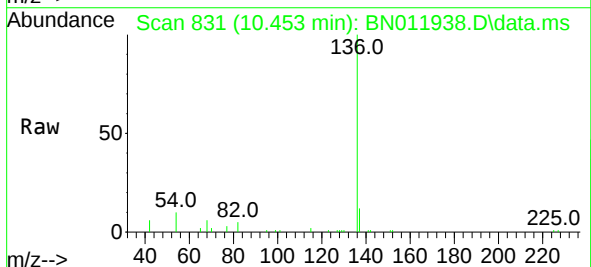
Instrument :
BNA_N
ClientSampleId :
RE125D1-20200916DL

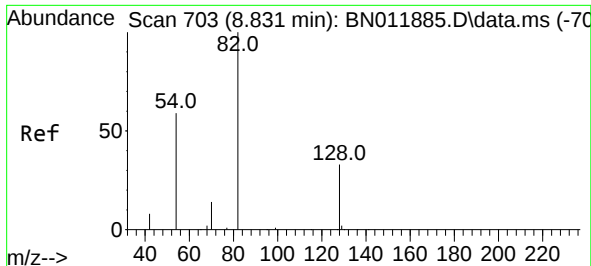
Tgt Ion: 99 Resp: 463
Ion Ratio Lower Upper
99 100
42 80.1 23.4 35.0#
71 60.5 38.1 57.1#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.453 min Scan# 831
Delta R.T. -0.013 min
Lab File: BN011938.D
Acq: 25 Sep 2020 07:05

Tgt Ion: 136 Resp: 11691
Ion Ratio Lower Upper
136 100
137 11.5 9.5 14.3
54 10.2 5.6 8.4#
68 6.2 3.2 4.8#

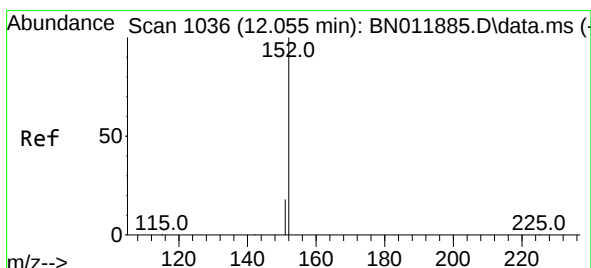
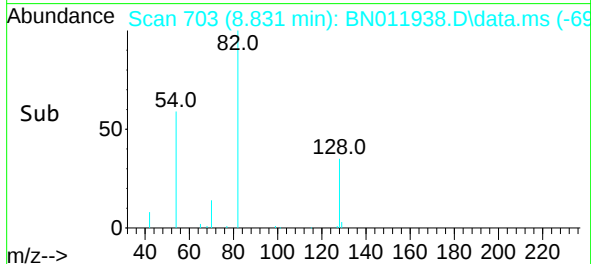
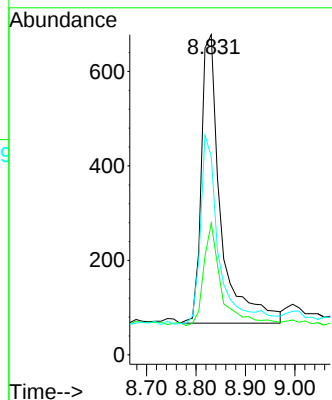
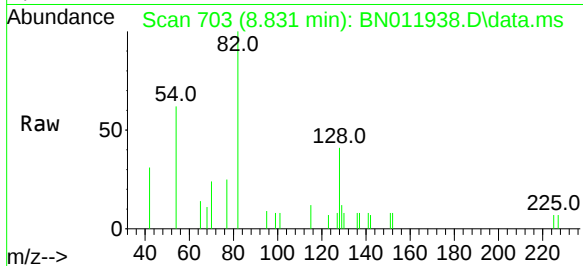




#8
Nitrobenzene-d5
Concen: 0.14 ng
RT: 8.831 min Scan# 703
Delta R.T. 0.000 min
Lab File: BN011938.D
Acq: 25 Sep 2020 07:05

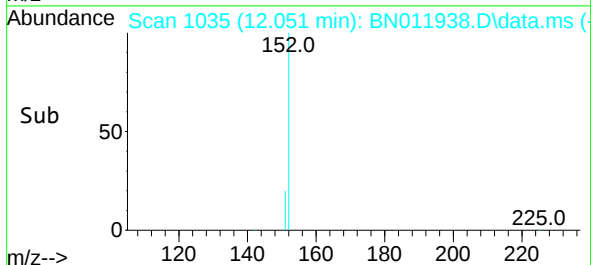
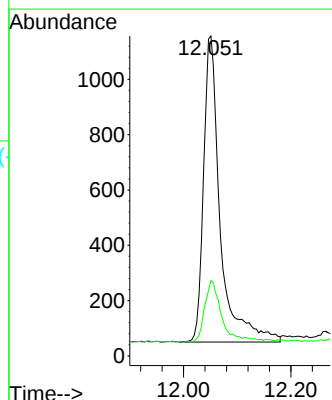
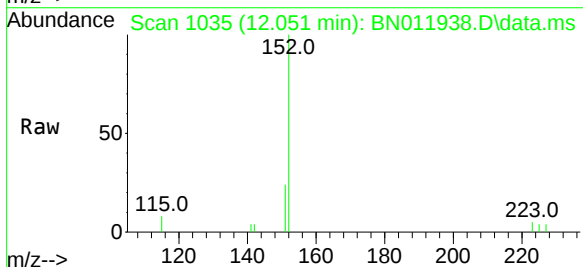
Instrument :
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ClientSampleId :
RE125D1-20200916DL

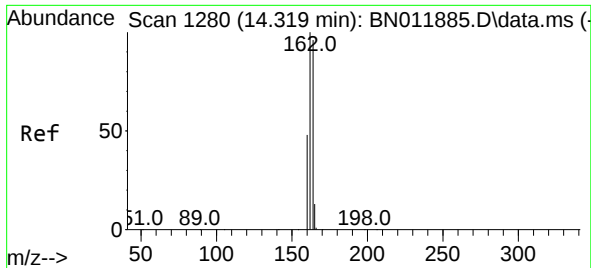
Tgt Ion: 82 Resp: 1674
Ion Ratio Lower Upper
82 100
128 41.2 34.2 51.2
54 61.9 43.1 64.7



#11
2-Methylnaphthalene-d10
Concen: 0.13 ng
RT: 12.051 min Scan# 1035
Delta R.T. -0.004 min
Lab File: BN011938.D
Acq: 25 Sep 2020 07:05

Tgt Ion: 152 Resp: 2382
Ion Ratio Lower Upper
152 100
151 20.6 16.7 25.1

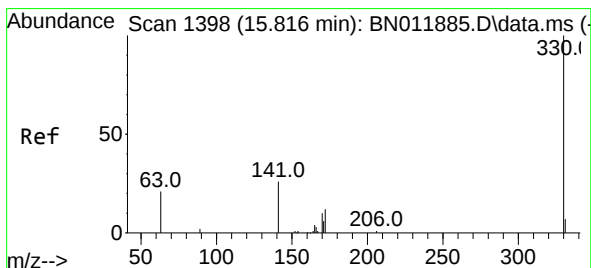
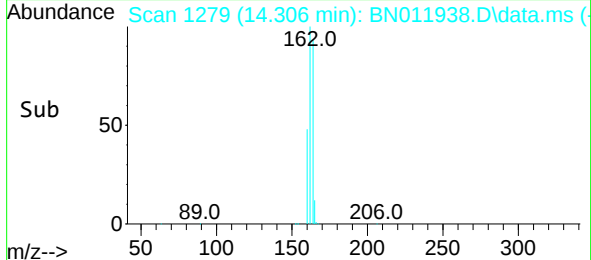
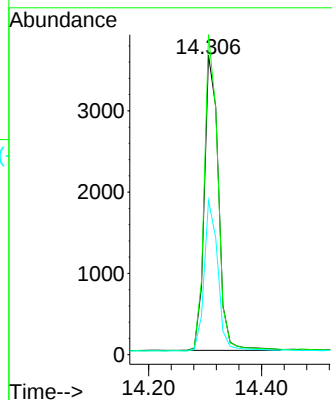
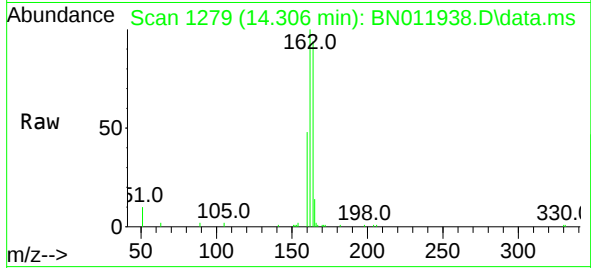




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.306 min Scan# 1279
Delta R.T. -0.013 min
Lab File: BN011938.D
Acq: 25 Sep 2020 07:05

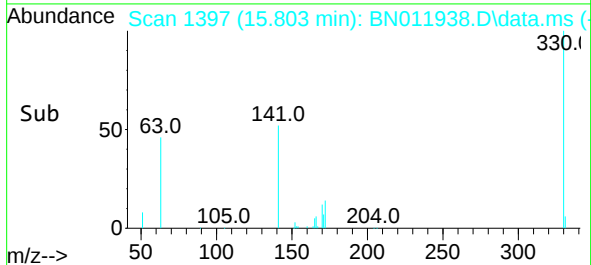
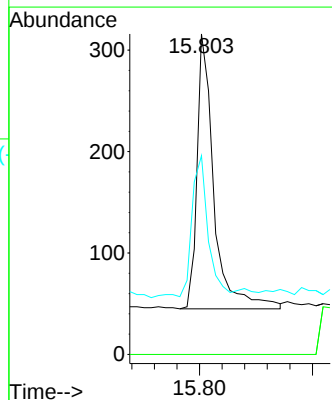
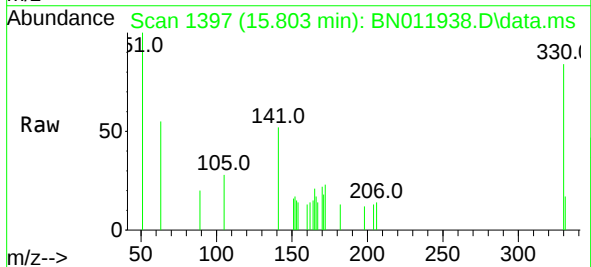
Instrument :
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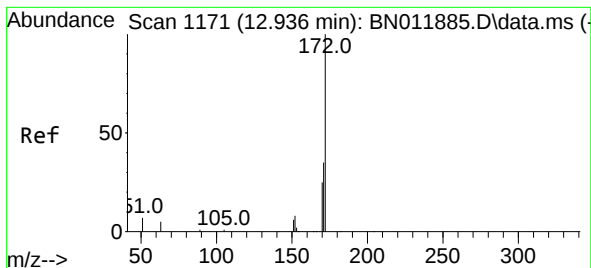
Tgt Ion:164 Resp: 6305
Ion Ratio Lower Upper
164 100
162 106.9 83.6 125.4
160 51.6 41.2 61.8



#14
2,4,6-Tribromophenol
Concen: 0.18 ng
RT: 15.803 min Scan# 1397
Delta R.T. -0.013 min
Lab File: BN011938.D
Acq: 25 Sep 2020 07:05

Tgt Ion:330 Resp: 564
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 48.0 33.7 50.5

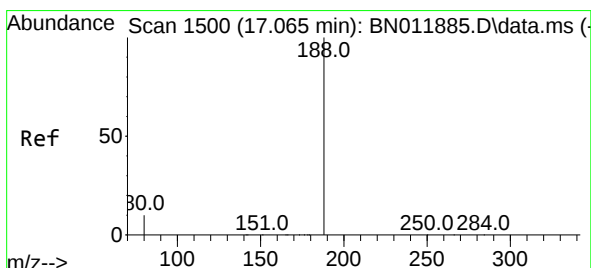
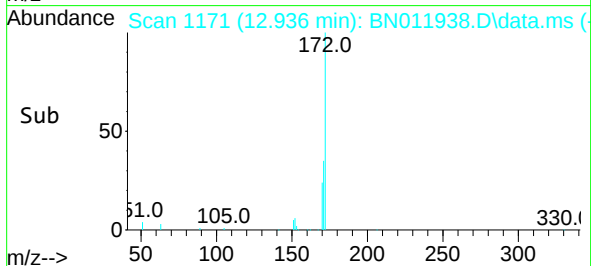
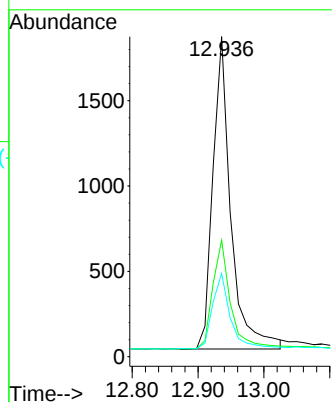
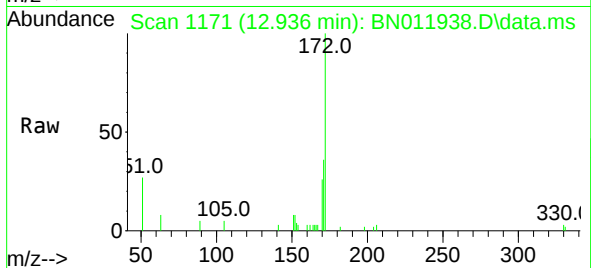




#15
2-Fluorobiphenyl
Concen: 0.15 ng
RT: 12.936 min Scan# 1171
Delta R.T. 0.000 min
Lab File: BN011938.D
Acq: 25 Sep 2020 07:05

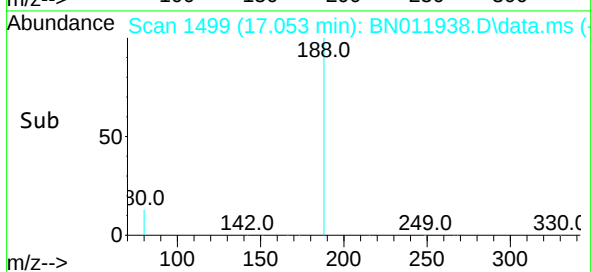
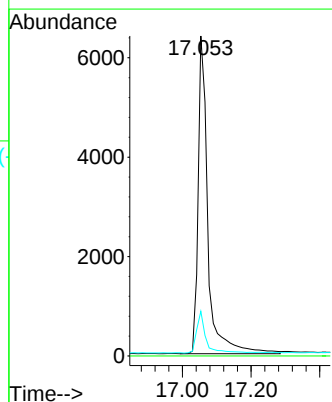
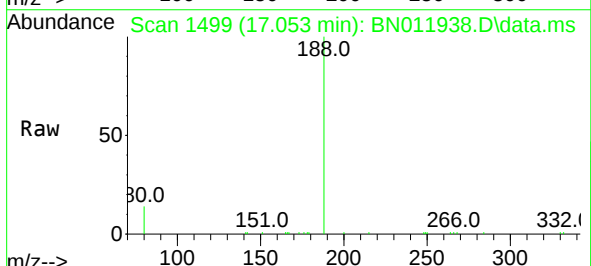
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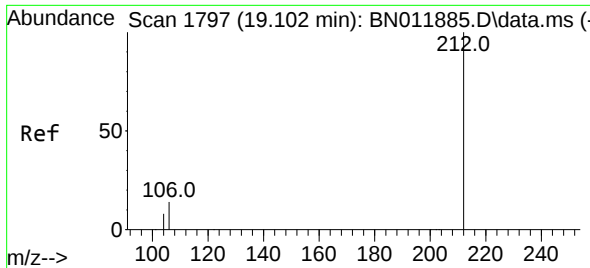
Tgt Ion:	172	Resp:	3463
Ion Ratio	Lower	Upper	
172	100		
171	36.4	27.4	41.2
170	26.0	17.8	26.6



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.053 min Scan# 1499
Delta R.T. -0.012 min
Lab File: BN011938.D
Acq: 25 Sep 2020 07:05

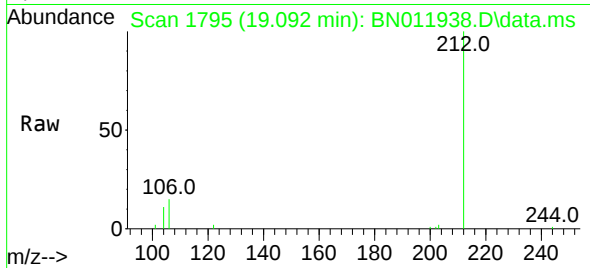
Tgt Ion:	188	Resp:	12675
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	13.9	7.7	11.5



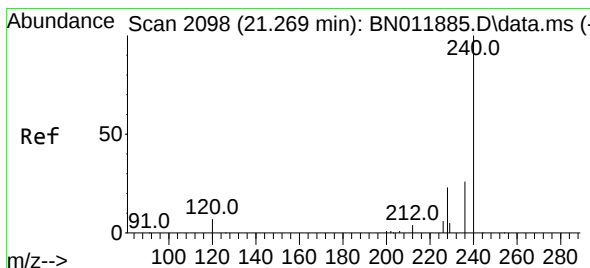
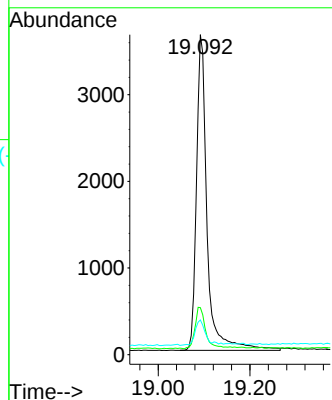


#27
Fluoranthene-d10
Concen: 0.16 ng
RT: 19.092 min Scan# 1795
Delta R.T. -0.010 min
Lab File: BN011938.D
Acq: 25 Sep 2020 07:05

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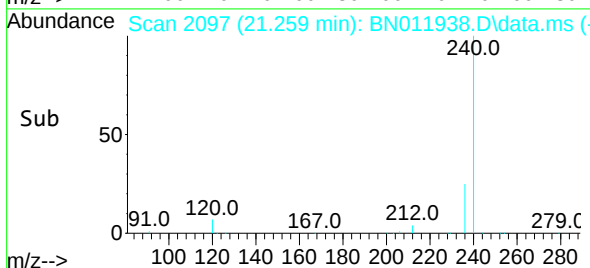
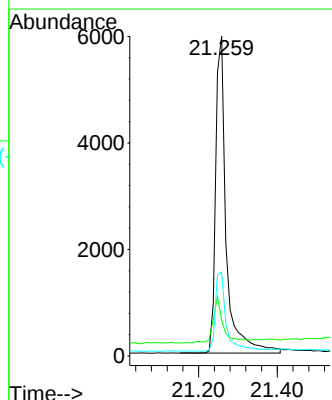
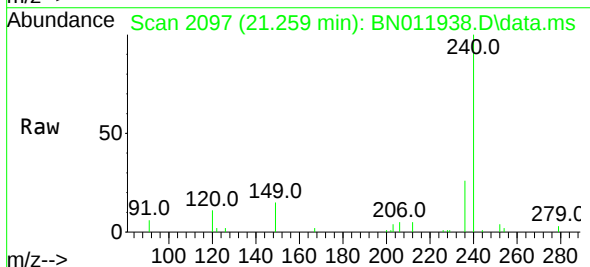


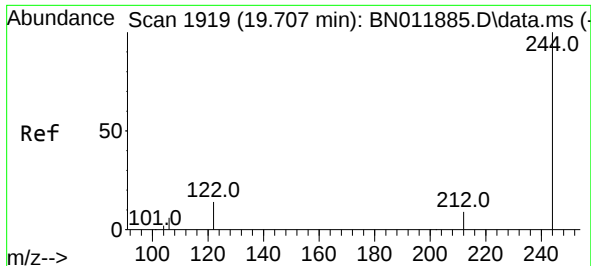
Tgt Ion:212 Resp: 5824
Ion Ratio Lower Upper
212 100
106 13.1 6.4 9.6#
104 7.5 3.9 5.9#



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.259 min Scan# 2097
Delta R.T. -0.011 min
Lab File: BN011938.D
Acq: 25 Sep 2020 07:05

Tgt Ion:240 Resp: 11159
Ion Ratio Lower Upper
240 100
120 11.2 3.5 5.3#
236 26.3 20.5 30.7

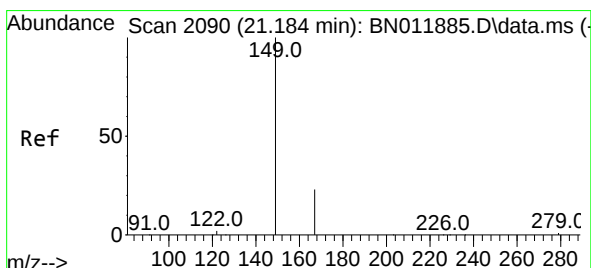
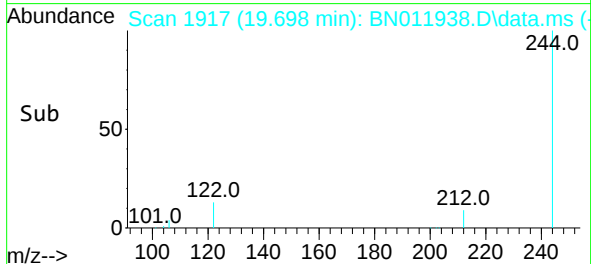
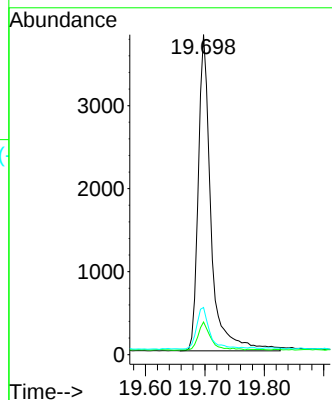
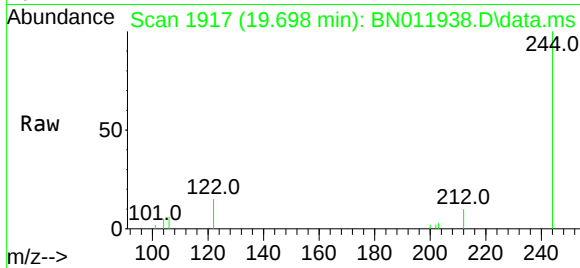




#31
Terphenyl-d14
Concen: 0.22 ng
RT: 19.698 min Scan# 1917
Delta R.T. -0.010 min
Lab File: BN011938.D
Acq: 25 Sep 2020 07:05

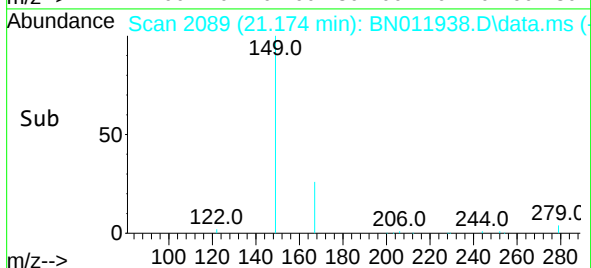
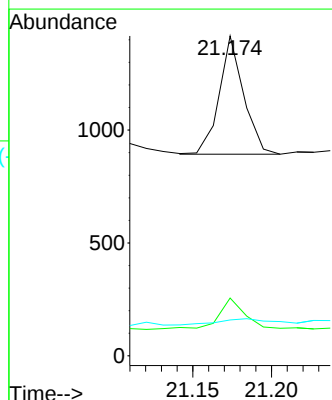
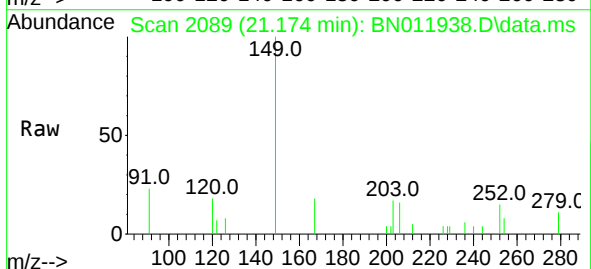
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ClientSampleId :
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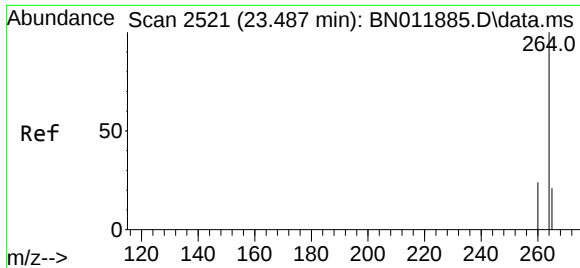
Tgt Ion:244 Resp: 5689
Ion Ratio Lower Upper
244 100
212 10.2 7.3 10.9
122 14.7 7.8 11.6#



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.02 ng
RT: 21.174 min Scan# 2089
Delta R.T. -0.010 min
Lab File: BN011938.D
Acq: 25 Sep 2020 07:05

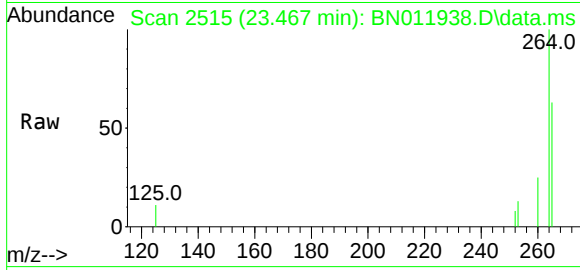
Tgt Ion:149 Resp: 564
Ion Ratio Lower Upper
149 100
167 26.6 23.6 35.4
279 11.9 4.0 6.0#





#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.467 min Scan# 2515
 Delta R.T. -0.020 min
 Lab File: BN011938.D
 Acq: 25 Sep 2020 07:05

Instrument :
 BNA_N
 ClientSampleId :
 RE125D1-20200916DL



Tgt Ion:264	Resp:	11318
Ion	Ratio	Lower Upper
264	100	
260	24.9	19.6 29.4
265	62.9	38.6 58.0#

