

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092320\
 Data File : BN011904.D
 Acq On : 24 Sep 2020 07:28
 Operator : CG/JU
 Sample : L4083-07
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE135D3-20200917

Quant Time: Sep 24 08:14:27 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

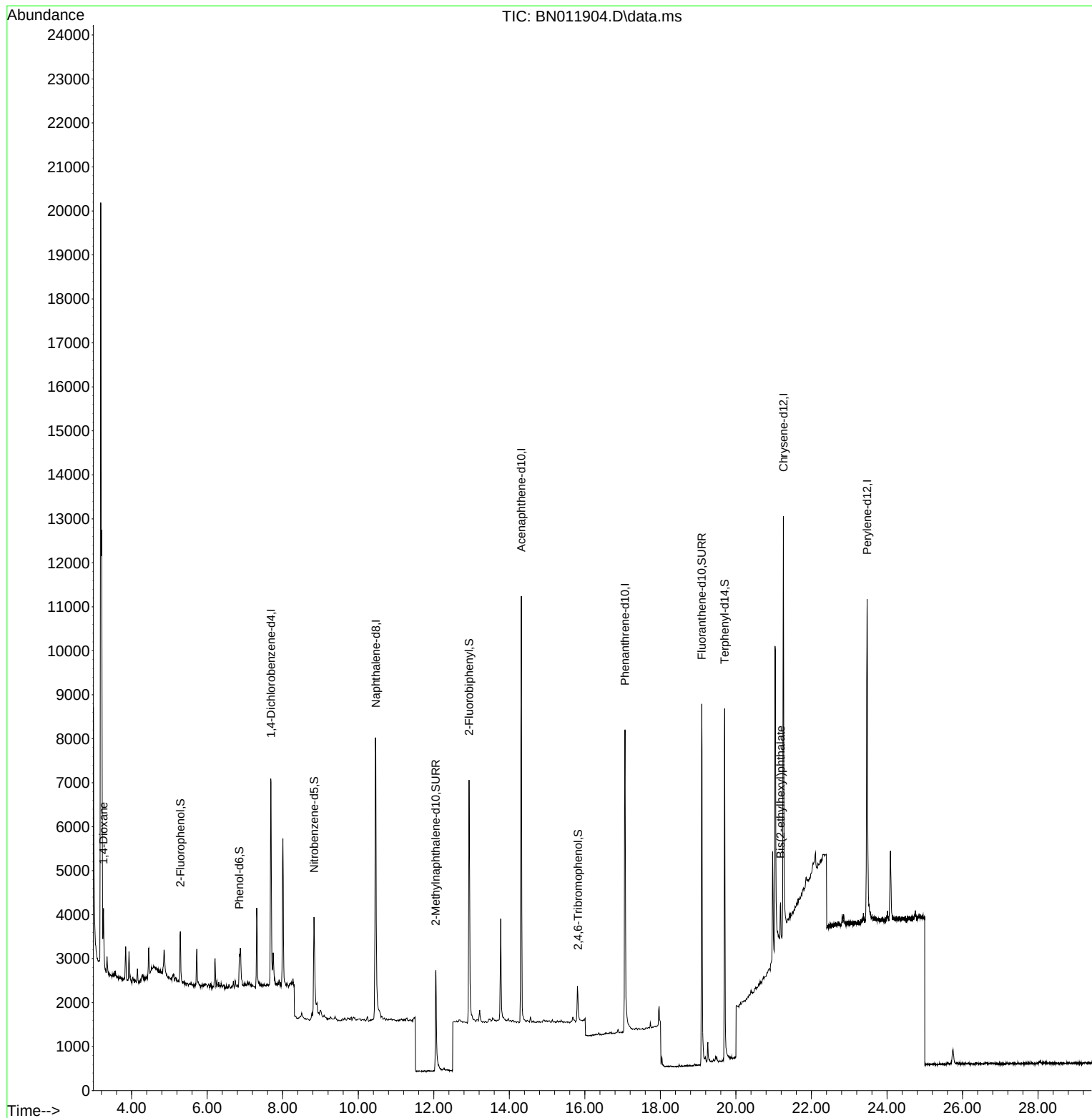
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.691	152	2607	0.40	ng	0.00
7) Naphthalene-d8	10.465	136	10756	0.40	ng	# 0.00
13) Acenaphthene-d10	14.319	164	5921	0.40	ng	0.00
19) Phenanthrene-d10	17.065	188	11814	0.40	ng	0.00
29) Chrysene-d12	21.259	240	10510	0.40	ng	#-0.01
36) Perylene-d12	23.473	264	10571	0.40	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.291	112	852	0.09	ng	0.00
5) Phenol-d6	6.853	99	573	0.05	ng	0.00
8) Nitrobenzene-d5	8.831	82	2806	0.25	ng	0.00
11) 2-Methylnaphthalene-d10	12.055	152	4294	0.25	ng	0.00
14) 2,4,6-Tribromophenol	15.816	330	653	0.23	ng	0.00
15) 2-Fluorobiphenyl	12.936	172	5464	0.24	ng	0.00
27) Fluoranthene-d10	19.097	212	10219	0.29	ng	0.00
31) Terphenyl-d14	19.703	244	8592	0.36	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.253	88	727	0.16	ng	# 93
34) Bis(2-ethylhexyl)phtha...	21.184	149	922	0.04	ng	# 92

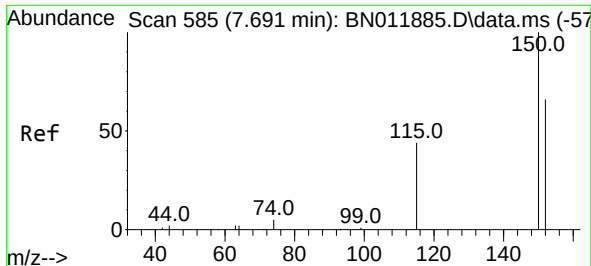
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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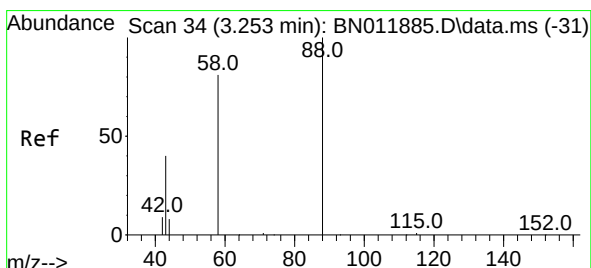
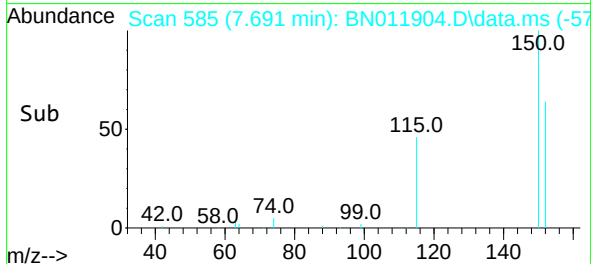
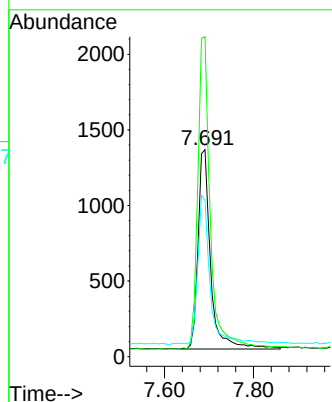
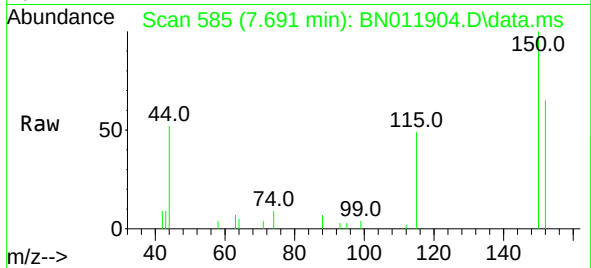




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.691 min Scan# 585
 Delta R.T. -0.000 min
 Lab File: BN011904.D
 Acq: 24 Sep 2020 07:28

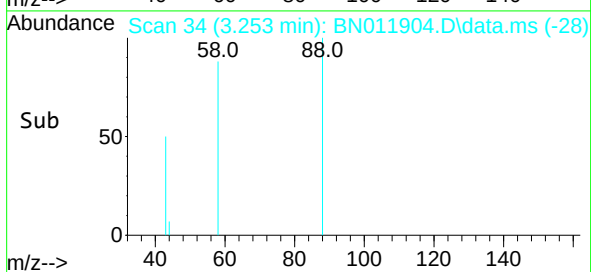
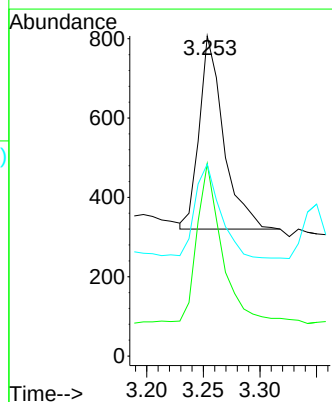
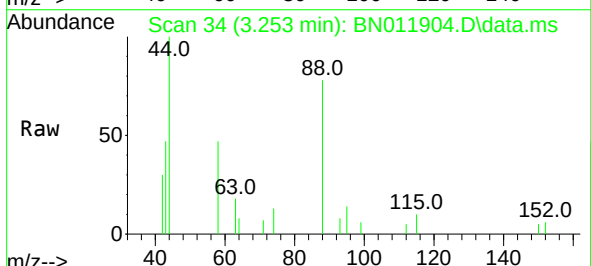
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 RE135D3-20200917

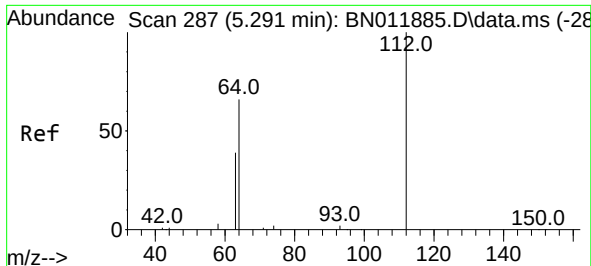
Tgt Ion:152 Resp: 2607
 Ion Ratio Lower Upper
 152 100
 150 154.5 118.3 177.5
 115 75.3 51.3 76.9



#2
 1,4-Dioxane
 Concen: 0.16 ng
 RT: 3.253 min Scan# 34
 Delta R.T. 0.000 min
 Lab File: BN011904.D
 Acq: 24 Sep 2020 07:28

Tgt Ion: 88 Resp: 727
 Ion Ratio Lower Upper
 88 100
 58 81.4 63.3 94.9
 43 50.2 33.0 49.4#

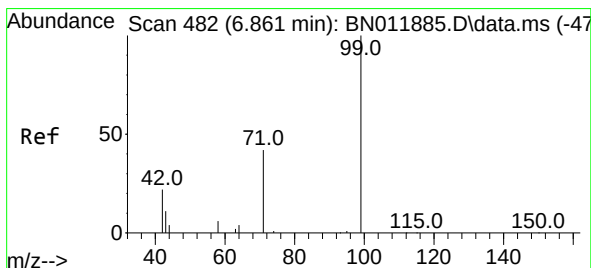
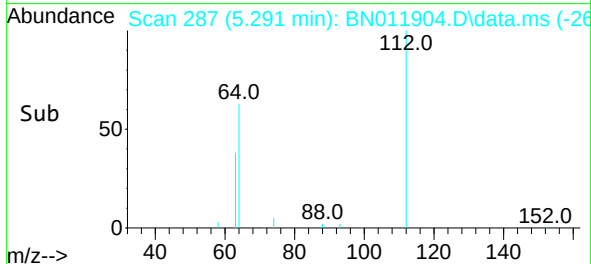
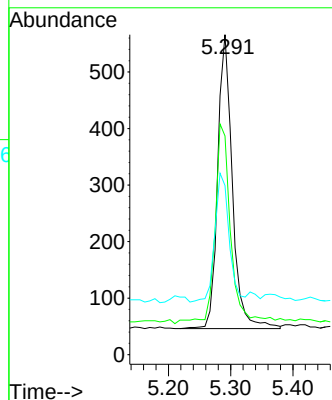
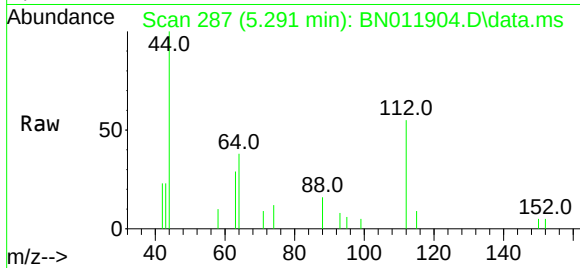




#4
2-Fluorophenol
Concen: 0.09 ng
RT: 5.291 min Scan# 287
Delta R.T. 0.000 min
Lab File: BN011904.D
Acq: 24 Sep 2020 07:28

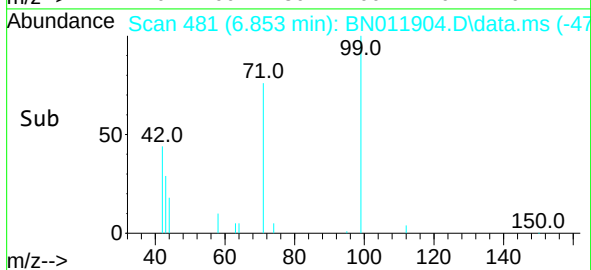
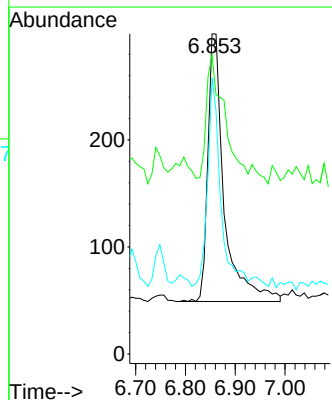
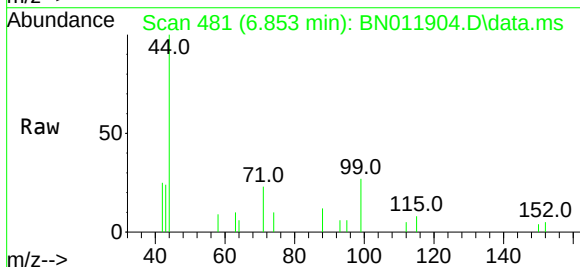
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BNA_N
ClientSampleId :
RE135D3-20200917

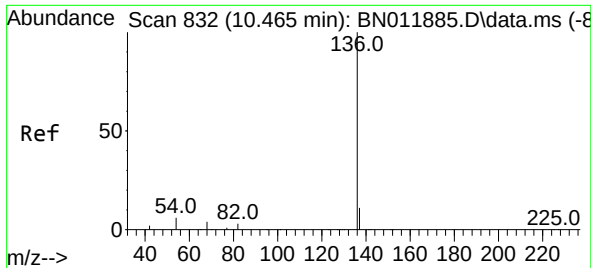
Tgt Ion:112 Resp: 852
Ion Ratio Lower Upper
112 100
64 74.4 49.0 73.6#
63 42.1 31.8 47.6



#5
Phenol-d6
Concen: 0.05 ng
RT: 6.853 min Scan# 481
Delta R.T. -0.008 min
Lab File: BN011904.D
Acq: 24 Sep 2020 07:28

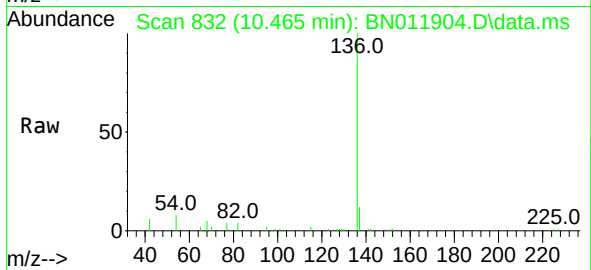
Tgt Ion: 99 Resp: 573
Ion Ratio Lower Upper
99 100
42 48.5 23.4 35.0#
71 65.6 38.1 57.1#



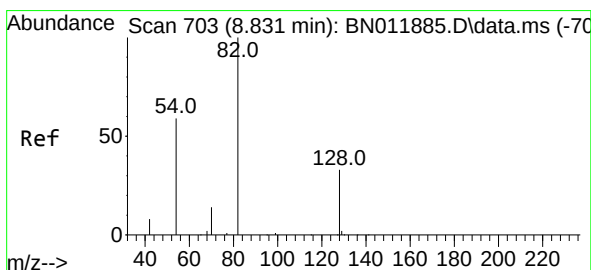
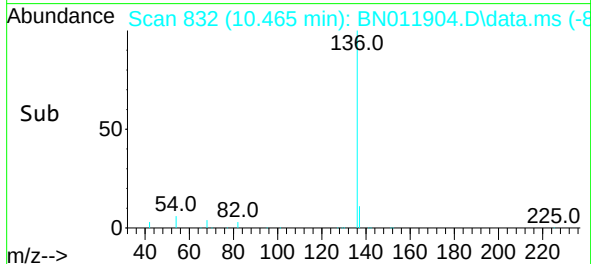
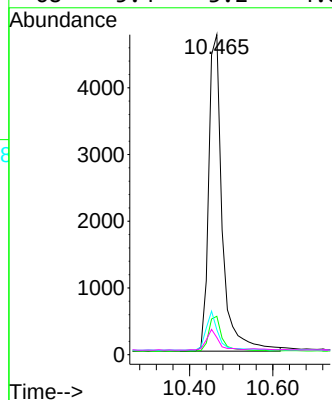


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.465 min Scan# 832
Delta R.T. 0.000 min
Lab File: BN011904.D
Acq: 24 Sep 2020 07:28

Instrument :
BNA_N
ClientSampleId :
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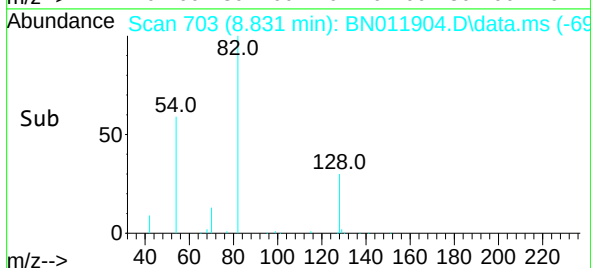
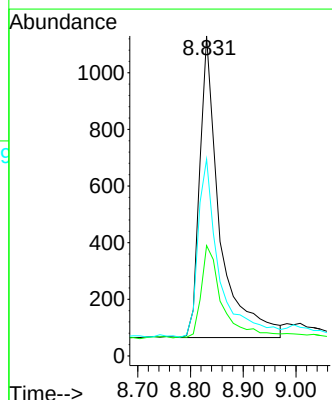
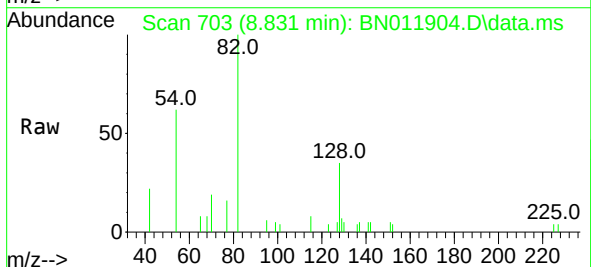


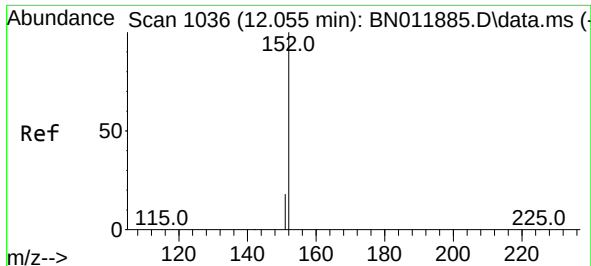
Tgt Ion:	136	Resp:	10756
Ion Ratio	Lower	Upper	
136	100		
137	12.0	9.5	14.3
54	7.8	5.6	8.4
68	5.4	3.2	4.8



#8
Nitrobenzene-d5
Concen: 0.25 ng
RT: 8.831 min Scan# 703
Delta R.T. 0.000 min
Lab File: BN011904.D
Acq: 24 Sep 2020 07:28

Tgt Ion:	82	Resp:	2806
Ion Ratio	Lower	Upper	
82	100		
128	34.5	34.2	51.2
54	61.5	43.1	64.7

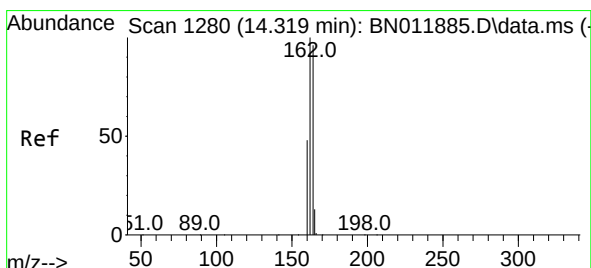
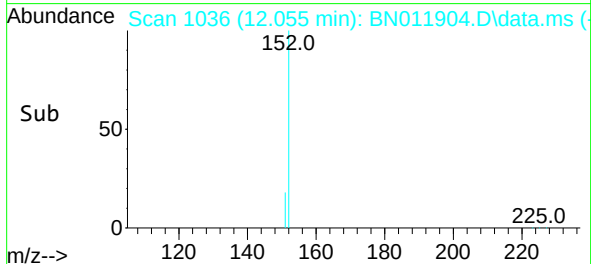
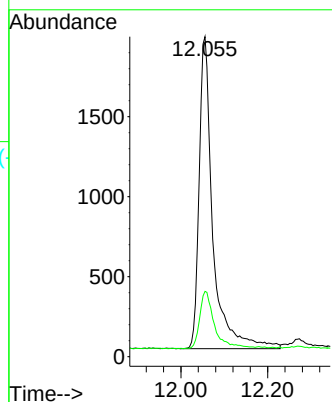
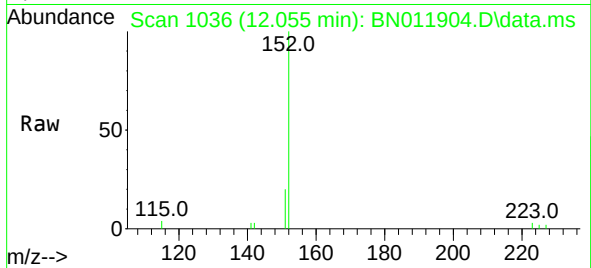




#11
2-Methylnaphthalene-d10
Concen: 0.25 ng
RT: 12.055 min Scan# 1036
Delta R.T. 0.000 min
Lab File: BN011904.D
Acq: 24 Sep 2020 07:28

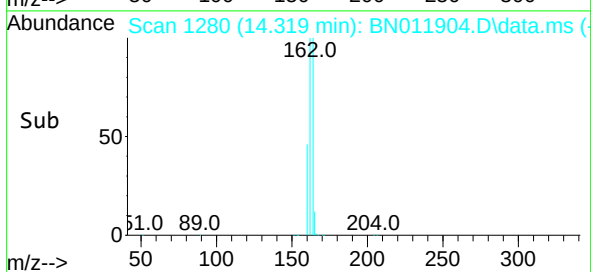
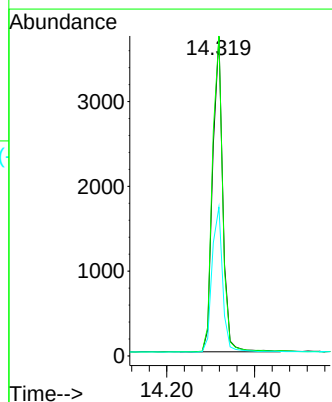
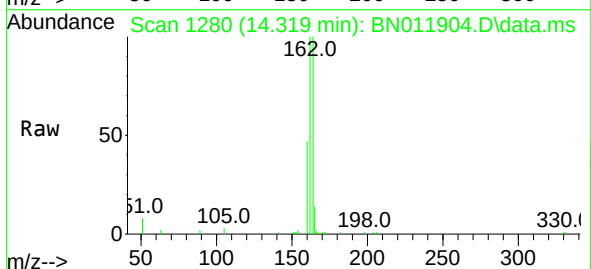
Instrument :
BNA_N
ClientSampleId :
RE135D3-20200917

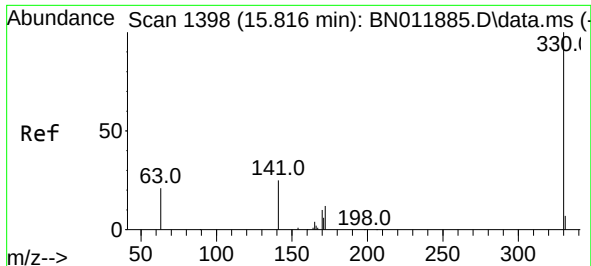
Tgt Ion:152 Resp: 4294
Ion Ratio Lower Upper
152 100
151 20.0 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.319 min Scan# 1280
Delta R.T. 0.000 min
Lab File: BN011904.D
Acq: 24 Sep 2020 07:28

Tgt Ion:164 Resp: 5921
Ion Ratio Lower Upper
164 100
162 100.2 83.6 125.4
160 46.6 41.2 61.8

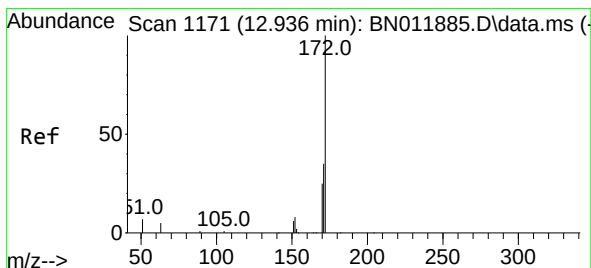
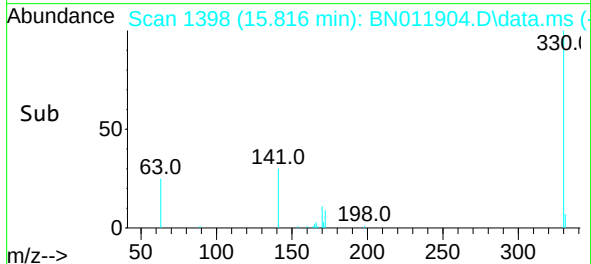
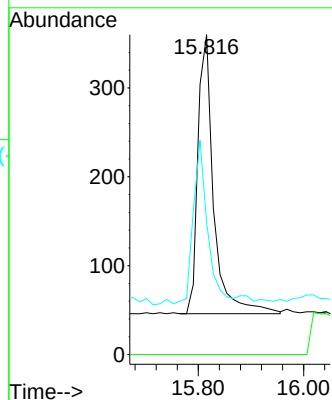
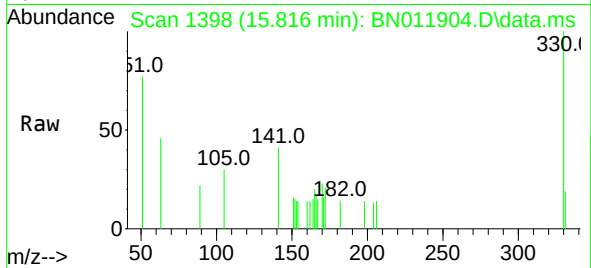




#14
2,4,6-Tribromophenol
Concen: 0.23 ng
RT: 15.816 min Scan# 1398
Delta R.T. 0.000 min
Lab File: BN011904.D
Acq: 24 Sep 2020 07:28

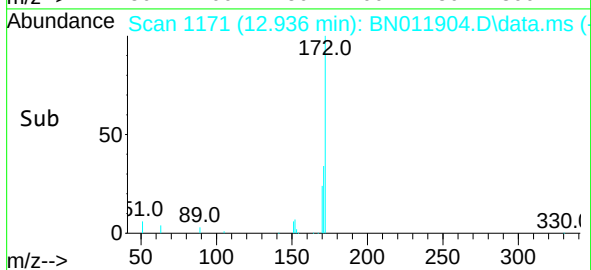
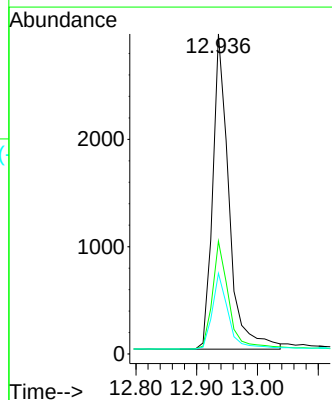
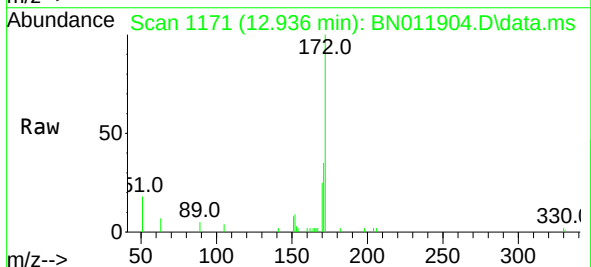
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ClientSampleId :
RE135D3-20200917

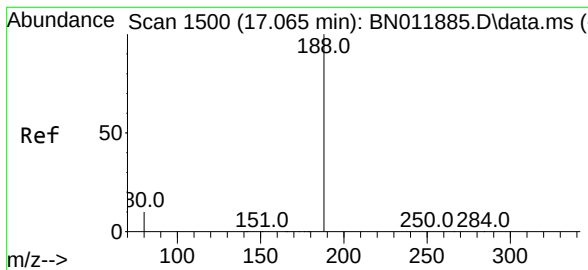
Tgt Ion: 330 Resp: 653
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 53.0 33.7 50.5#



#15
2-Fluorobiphenyl
Concen: 0.24 ng
RT: 12.936 min Scan# 1171
Delta R.T. 0.000 min
Lab File: BN011904.D
Acq: 24 Sep 2020 07:28

Tgt Ion: 172 Resp: 5464
Ion Ratio Lower Upper
172 100
171 35.3 27.4 41.2
170 25.2 17.8 26.6

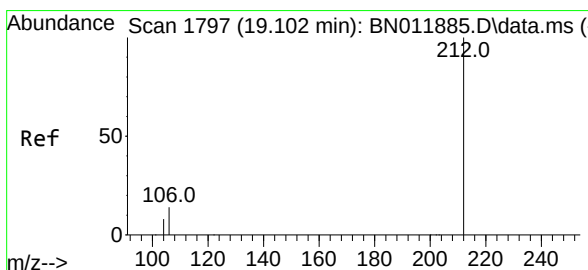
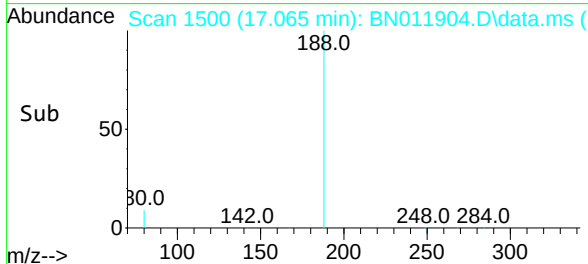
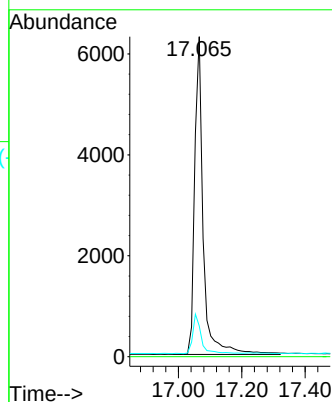
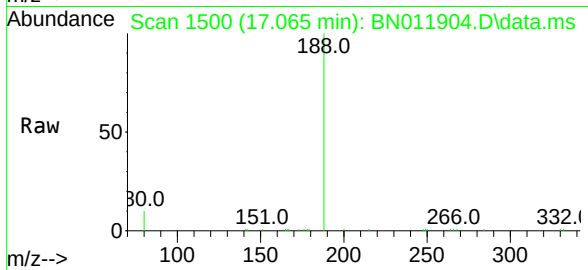




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.065 min Scan# 1500
Delta R.T. 0.000 min
Lab File: BN011904.D
Acq: 24 Sep 2020 07:28

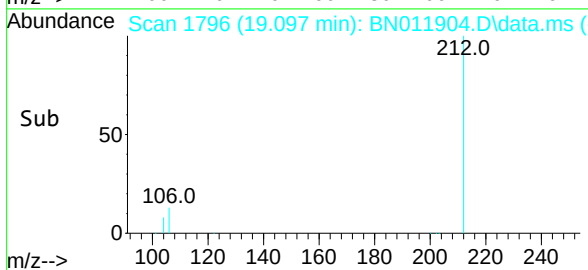
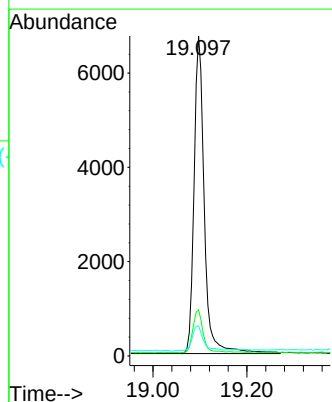
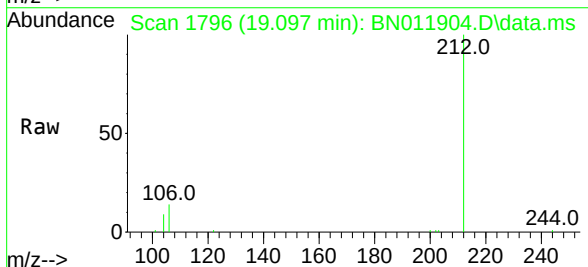
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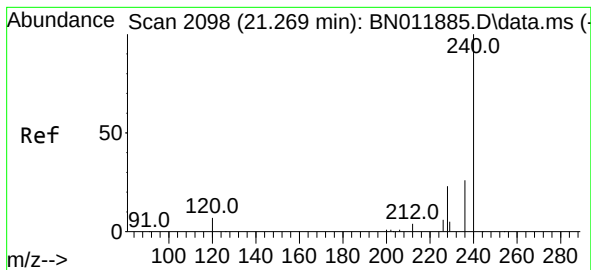
Tgt Ion:188 Resp: 11814
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.6 7.7 11.5



#27
Fluoranthene-d10
Concen: 0.29 ng
RT: 19.097 min Scan# 1796
Delta R.T. -0.005 min
Lab File: BN011904.D
Acq: 24 Sep 2020 07:28

Tgt Ion:212 Resp: 10219
Ion Ratio Lower Upper
212 100
106 13.5 6.4 9.6#
104 8.9 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: BN011904.D

Acq: 24 Sep 2020 07:28

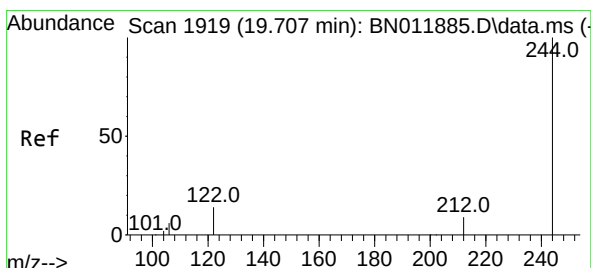
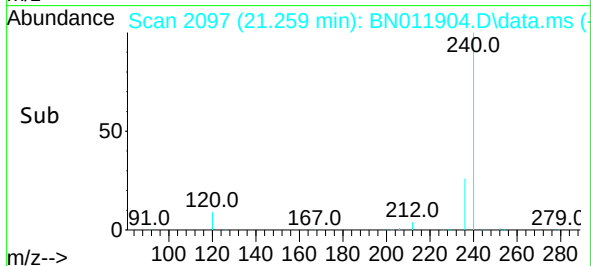
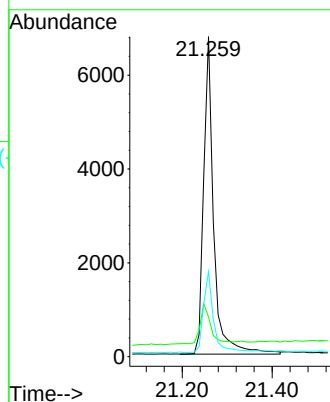
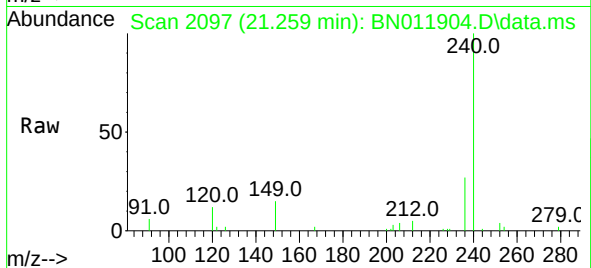
Tgt Ion:240 Resp: 10510

Ion Ratio Lower Upper

240 100

120 12.4 3.5 5.3#

236 26.6 20.5 30.7



#31

Terphenyl-d14

Concen: 0.36 ng

RT: 19.703 min Scan# 1918

Delta R.T. -0.005 min

Lab File: BN011904.D

Acq: 24 Sep 2020 07:28

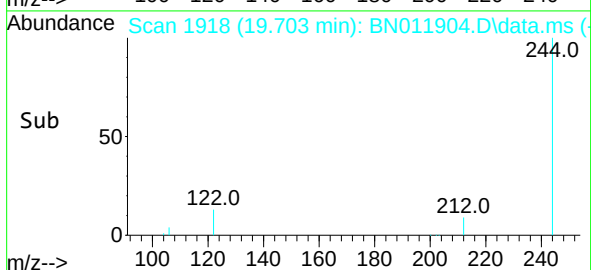
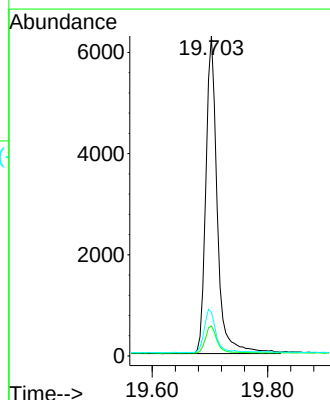
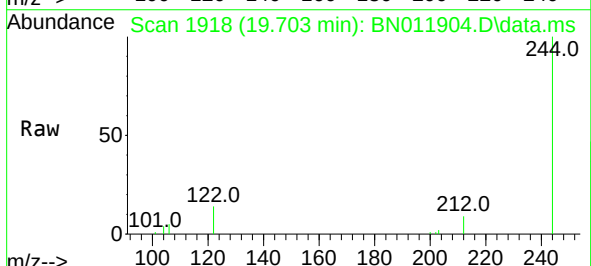
Tgt Ion:244 Resp: 8592

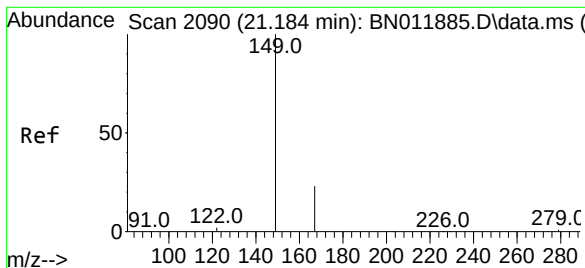
Ion Ratio Lower Upper

244 100

212 9.4 7.3 10.9

122 13.7 7.8 11.6#

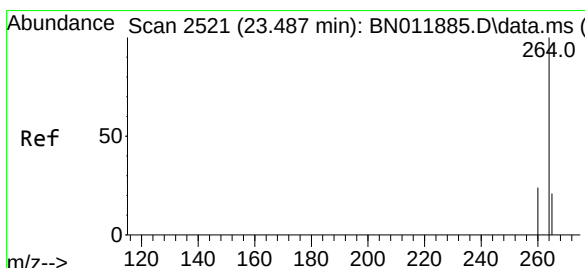
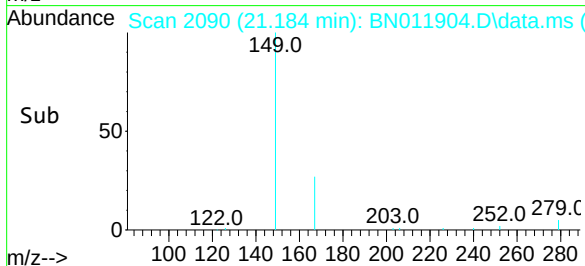
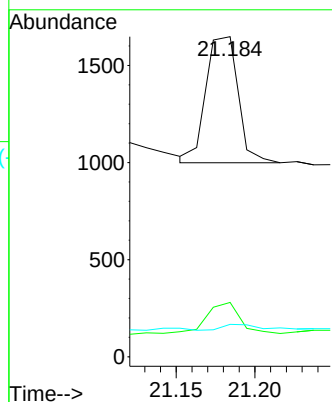
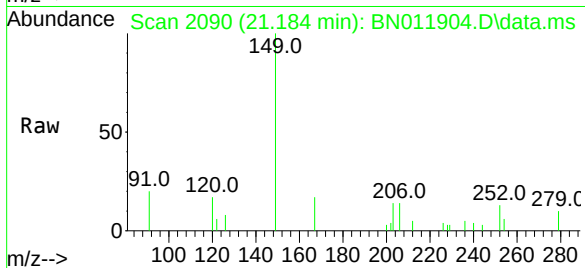




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.04 ng
RT: 21.184 min Scan# 2090
Delta R.T. 0.000 min
Lab File: BN011904.D
Acq: 24 Sep 2020 07:28

Instrument :
BNA_N
ClientSampleId :
RE135D3-20200917

Tgt Ion:149 Resp: 922
Ion Ratio Lower Upper
149 100
167 25.1 23.6 35.4
279 6.3 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: BN011904.D
Acq: 24 Sep 2020 07:28

Tgt Ion:264 Resp: 10571
Ion Ratio Lower Upper
264 100
260 24.2 19.6 29.4
265 62.3 38.6 58.0#

