

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092220\
 Data File : BN011871.D
 Acq On : 23 Sep 2020 03:41
 Operator : CG/JU
 Sample : L4082-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE139D2-20200915

Quant Time: Sep 23 08:29:21 2020
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 22 14:36:55 2020
 Response via : Initial Calibration

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

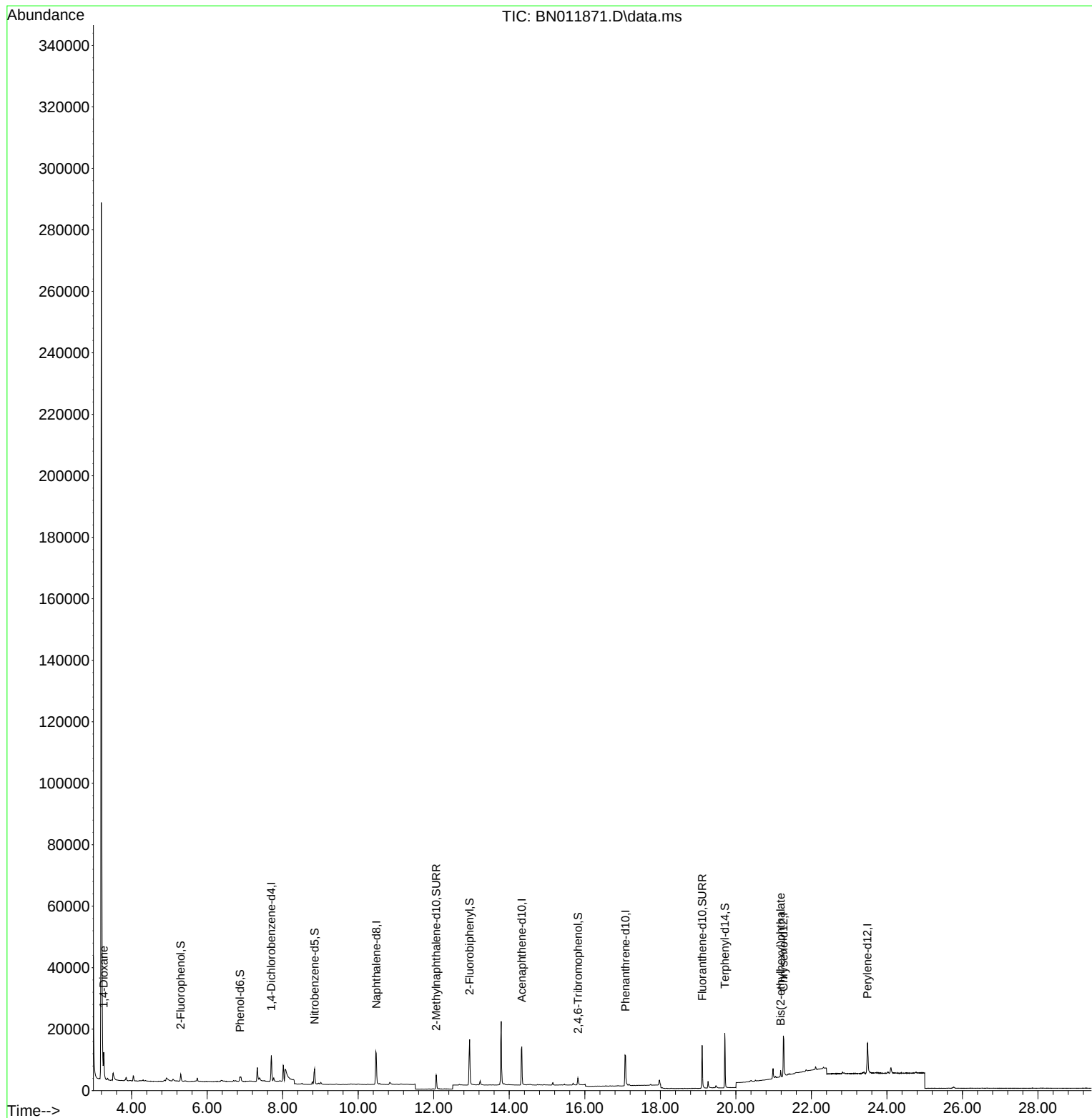
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	3774	0.40	ng	0.00
7) Naphthalene-d8	10.478	136	16122	0.40	ng	0.00
13) Acenaphthene-d10	14.332	164	8419	0.40	ng	0.00
19) Phenanthrene-d10	17.078	188	16880	0.40	ng	0.00
29) Chrysene-d12	21.259	240	15371	0.40	ng	#-0.01
36) Perylene-d12	23.484	264	14955	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.299	112	1620	0.15	ng	0.00
5) Phenol-d6	6.870	99	1144	0.08	ng	0.00
8) Nitrobenzene-d5	8.843	82	4573	0.28	ng	0.00
11) 2-Methylnaphthalene-d10	12.064	152	6789	0.24	ng	0.00
14) 2,4,6-Tribromophenol	15.816	330	1669	0.39	ng	0.00
15) 2-Fluorobiphenyl	12.949	172	13344	0.37	ng	0.00
27) Fluoranthene-d10	19.107	212	15891	0.30	ng	0.00
31) Terphenyl-d14	19.708	244	17325	0.49	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.262	88	4104	0.73	ng	95
34) Bis(2-ethylhexyl)phtha...	21.184	149	1842	0.07	ng	# 90

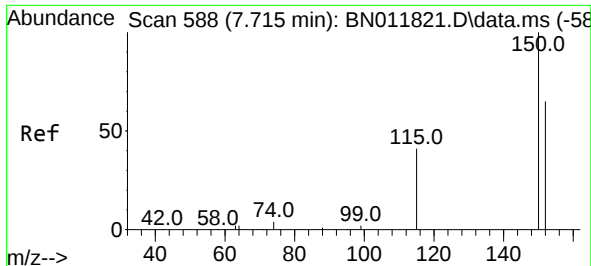
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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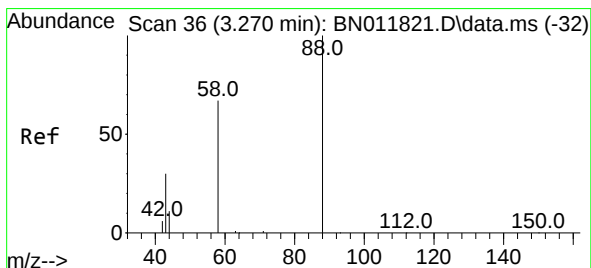
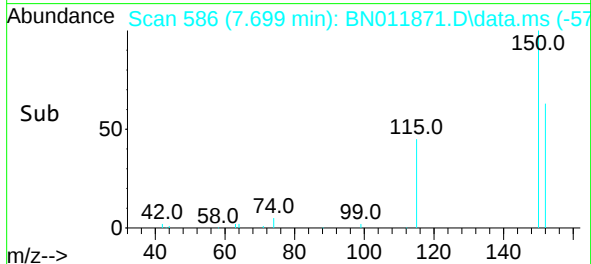
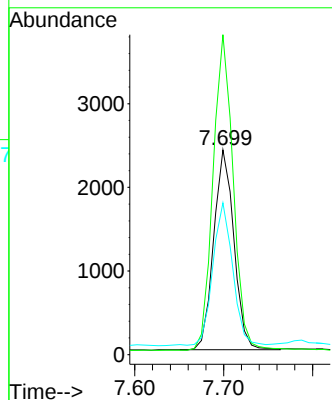
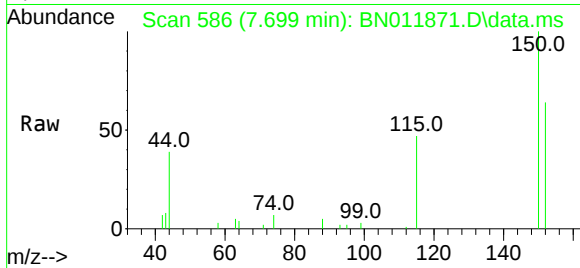




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.699 min Scan# 586
 Delta R.T. 0.000 min
 Lab File: BN011871.D
 Acq: 23 Sep 2020 03:41

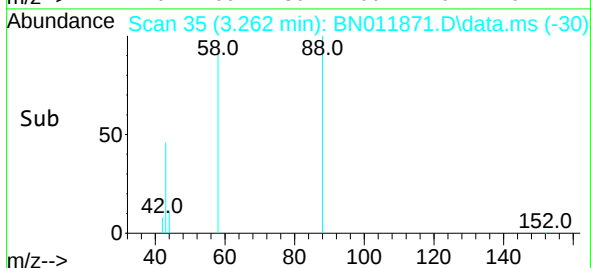
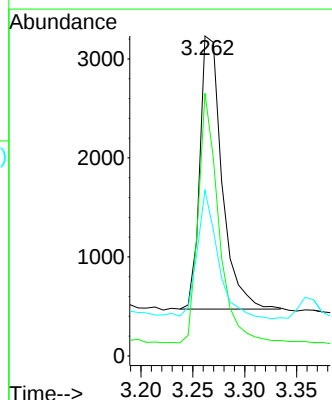
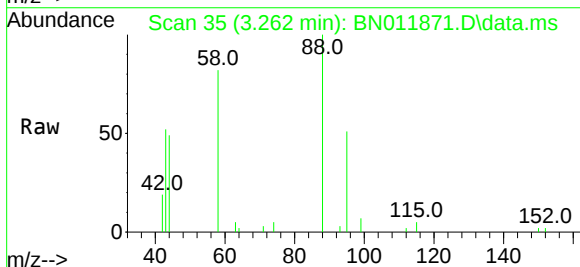
Instrument :
 BNA_N
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 RE139D2-20200915

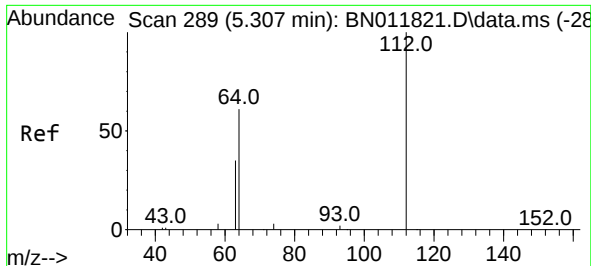
Tgt Ion:152 Resp: 3774
 Ion Ratio Lower Upper
 152 100
 150 156.2 118.3 177.5
 115 74.1 51.3 76.9



#2
 1,4-Dioxane
 Concen: 0.73 ng
 RT: 3.262 min Scan# 35
 Delta R.T. -0.008 min
 Lab File: BN011871.D
 Acq: 23 Sep 2020 03:41

Tgt Ion: 88 Resp: 4104
 Ion Ratio Lower Upper
 88 100
 58 84.0 63.3 94.9
 43 44.1 33.0 49.4

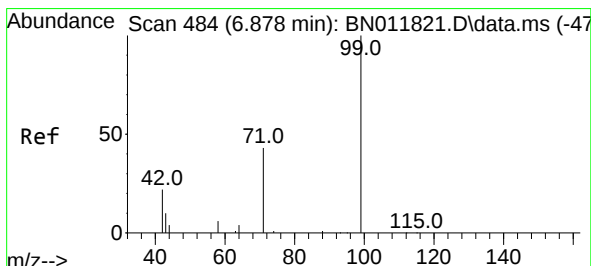
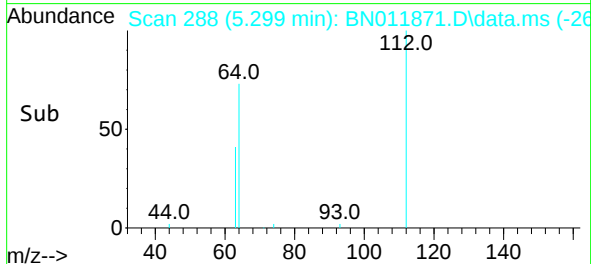
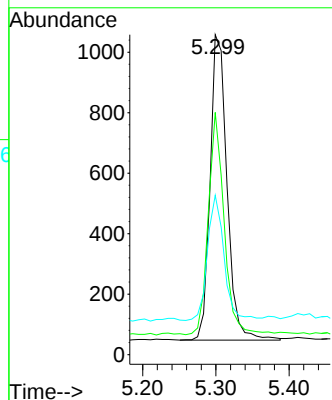
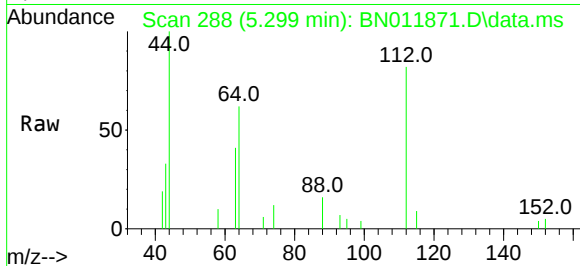




#4
2-Fluorophenol
Concen: 0.15 ng
RT: 5.299 min Scan# 288
Delta R.T. -0.008 min
Lab File: BN011871.D
Acq: 23 Sep 2020 03:41

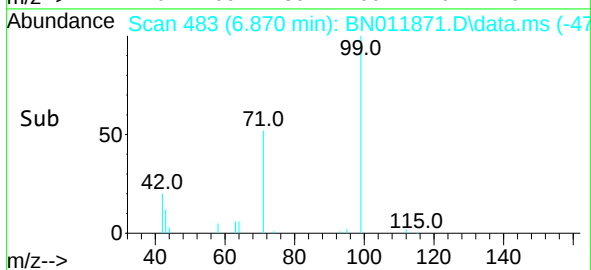
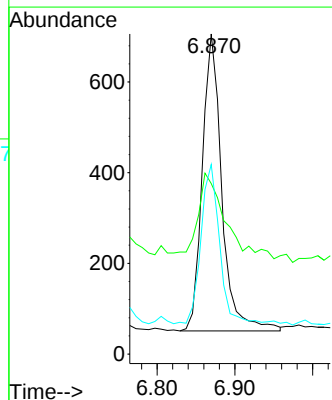
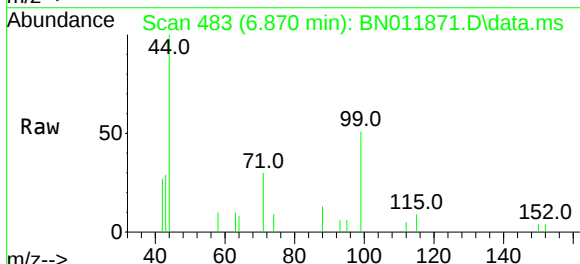
Instrument :
BNA_N
ClientSampleId :
RE139D2-20200915

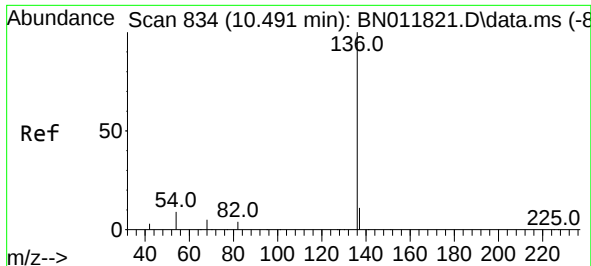
Tgt Ion:112 Resp: 1620
Ion Ratio Lower Upper
112 100
64 68.4 49.0 73.6
63 40.3 31.8 47.6



#5
Phenol-d6
Concen: 0.08 ng
RT: 6.870 min Scan# 483
Delta R.T. 0.000 min
Lab File: BN011871.D
Acq: 23 Sep 2020 03:41

Tgt Ion: 99 Resp: 1144
Ion Ratio Lower Upper
99 100
42 47.4 23.4 35.0#
71 53.6 38.1 57.1

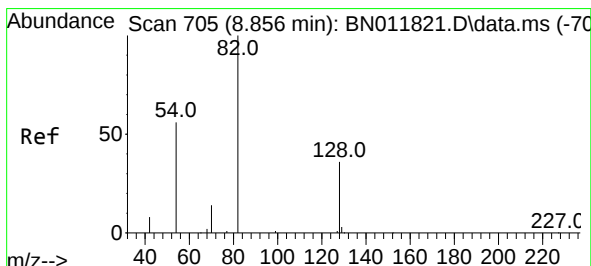
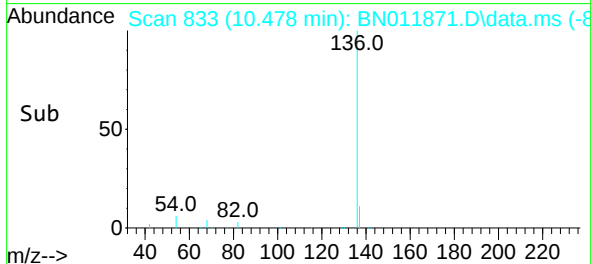
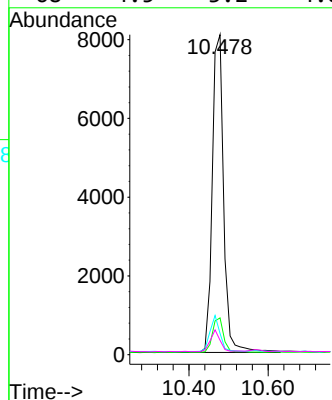
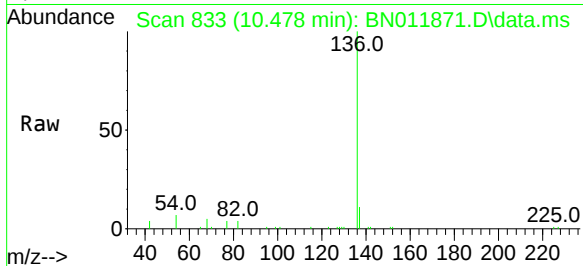




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.478 min Scan# 833
Delta R.T. 0.000 min
Lab File: BN011871.D
Acq: 23 Sep 2020 03:41

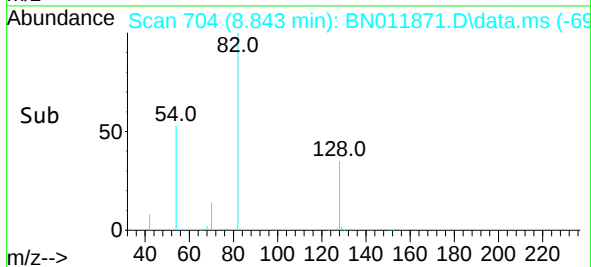
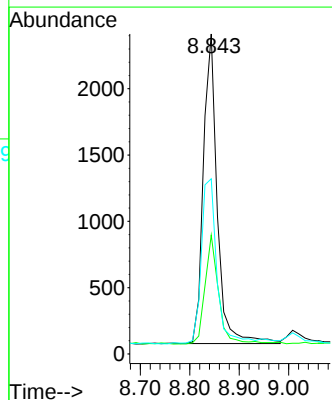
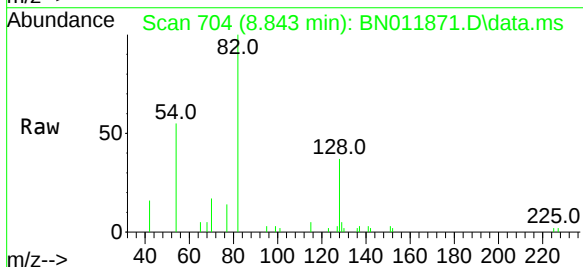
Instrument :
BNA_N
ClientSampleId :
RE139D2-20200915

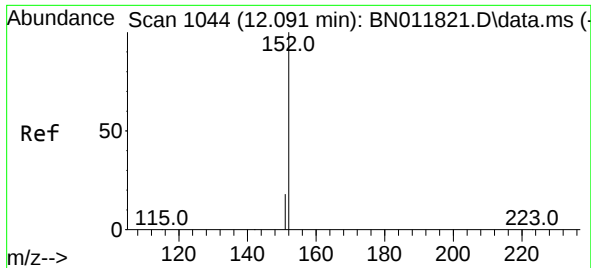
Tgt Ion:136	Resp:	16122
Ion Ratio	Lower	Upper
136	100	
137	11.5	9.5 14.3
54	6.7	5.6 8.4
68	4.5	3.2 4.8



#8
Nitrobenzene-d5
Concen: 0.28 ng
RT: 8.843 min Scan# 704
Delta R.T. 0.000 min
Lab File: BN011871.D
Acq: 23 Sep 2020 03:41

Tgt Ion: 82	Resp:	4573
Ion Ratio	Lower	Upper
82	100	
128	37.2	34.2 51.2
54	54.7	43.1 64.7

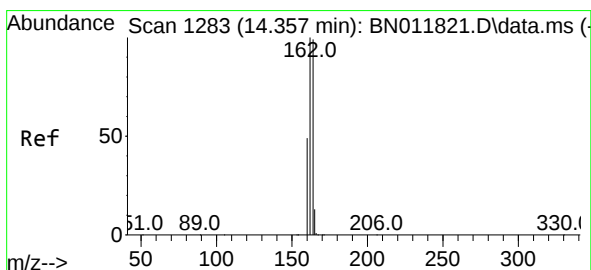
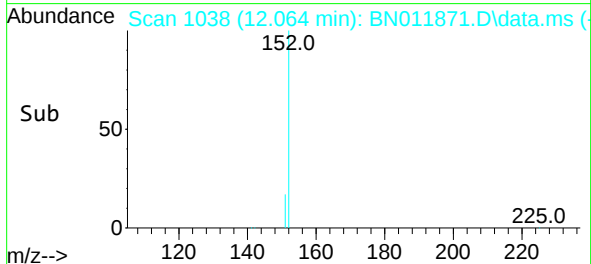
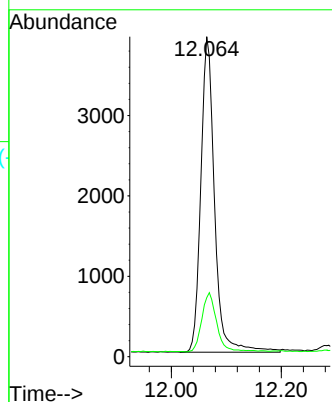
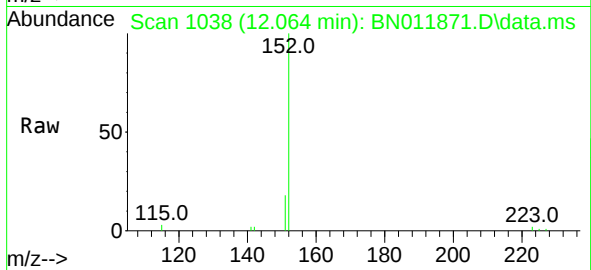




#11
2-Methylnaphthalene-d10
Concen: 0.24 ng
RT: 12.064 min Scan# 1038
Delta R.T. 0.000 min
Lab File: BN011871.D
Acq: 23 Sep 2020 03:41

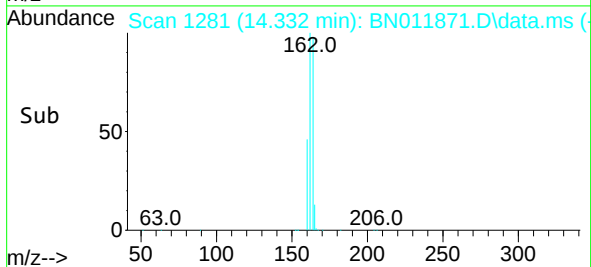
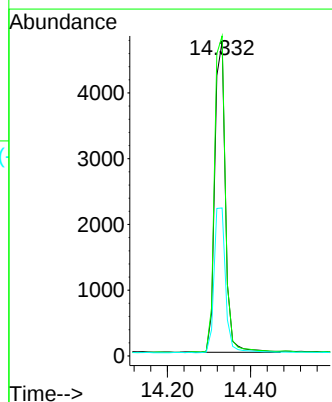
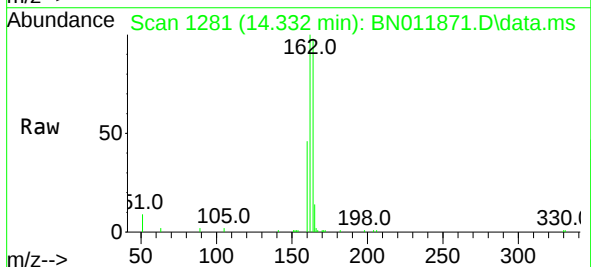
Instrument :
BNA_N
ClientSampleId :
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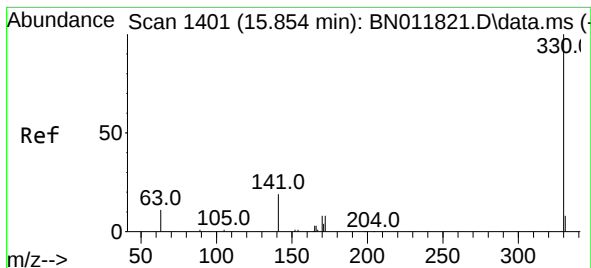
Tgt Ion:152 Resp: 6789
Ion Ratio Lower Upper
152 100
151 20.5 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.332 min Scan# 1281
Delta R.T. 0.000 min
Lab File: BN011871.D
Acq: 23 Sep 2020 03:41

Tgt Ion:164 Resp: 8419
Ion Ratio Lower Upper
164 100
162 101.8 83.6 125.4
160 47.1 41.2 61.8

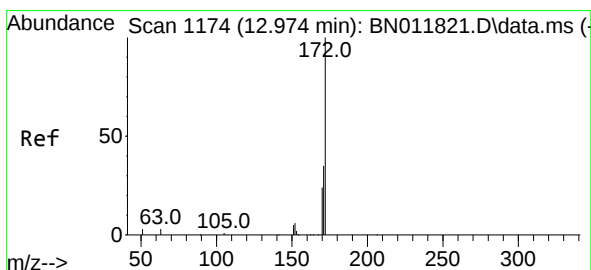
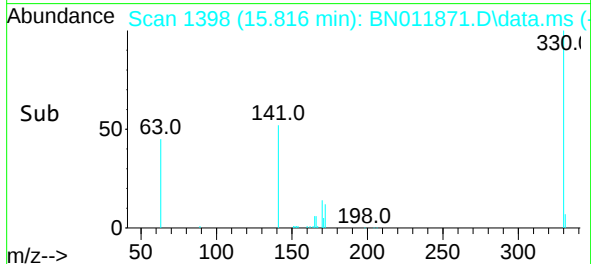
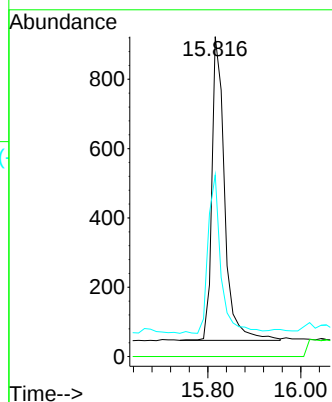
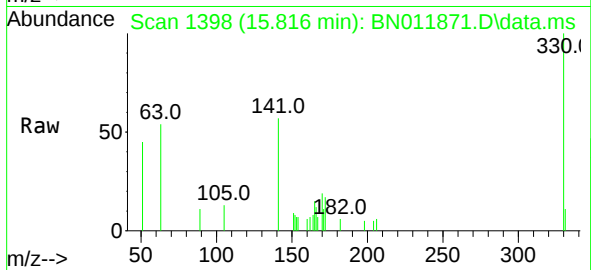




#14
2,4,6-Tribromophenol
Concen: 0.39 ng
RT: 15.816 min Scan# 1398
Delta R.T. 0.000 min
Lab File: BN011871.D
Acq: 23 Sep 2020 03:41

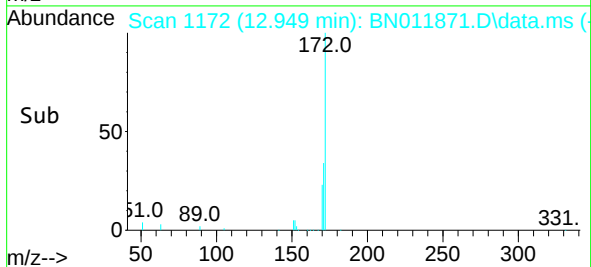
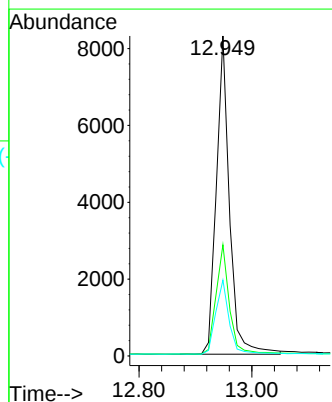
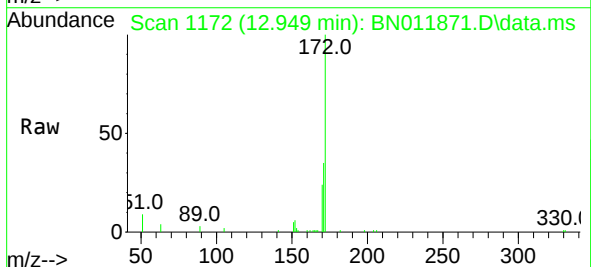
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ClientSampleId :
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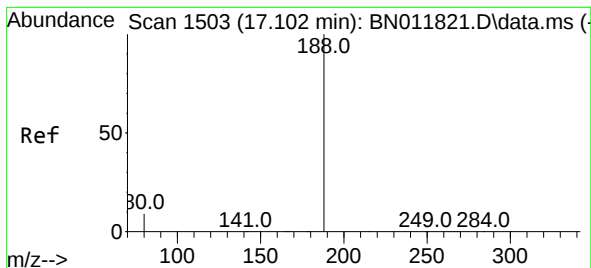
Tgt Ion:330 Resp: 1669
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 53.2 33.7 50.5#



#15
2-Fluorobiphenyl
Concen: 0.37 ng
RT: 12.949 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BN011871.D
Acq: 23 Sep 2020 03:41

Tgt Ion:172 Resp: 13344
Ion Ratio Lower Upper
172 100
171 34.7 27.4 41.2
170 23.7 17.8 26.6





#19

Phenanthrene-d10

Concen: 0.40 ng

RT: 17.078 min Scan# 1501

Delta R.T. 0.000 min

Lab File: BN011871.D

Acq: 23 Sep 2020 03:41

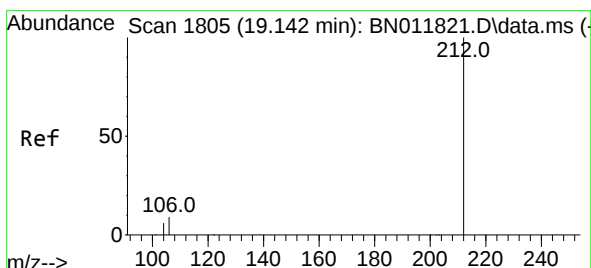
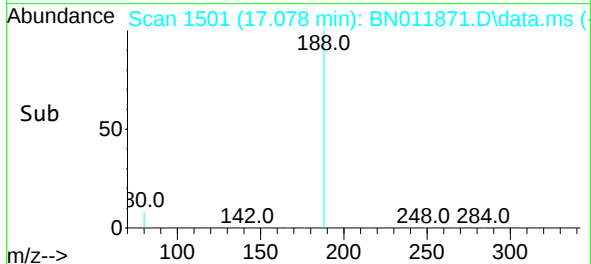
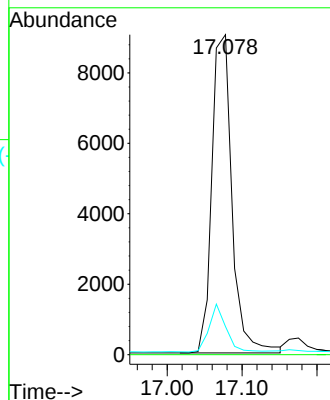
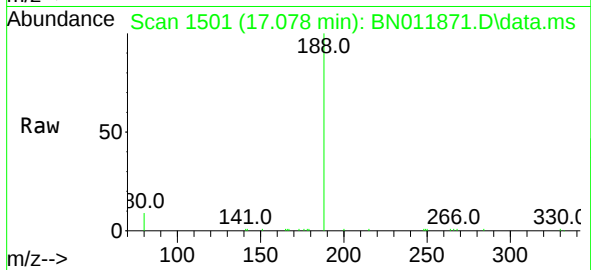
Tgt Ion:188	Resp:	16880
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	8.8	11.5

Instrument :

BNA_N

ClientSampleId :

RE139D2-20200915



#27

Fluoranthene-d10

Concen: 0.30 ng

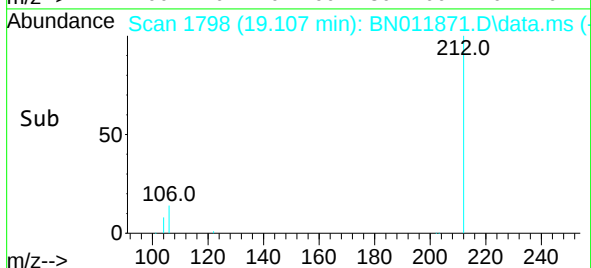
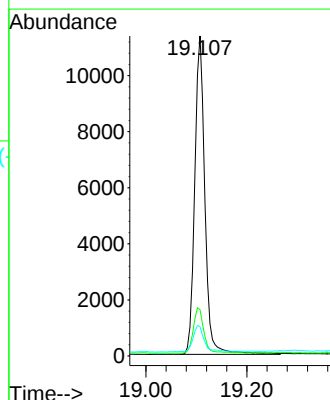
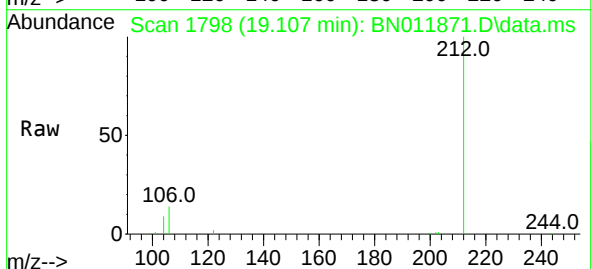
RT: 19.107 min Scan# 1798

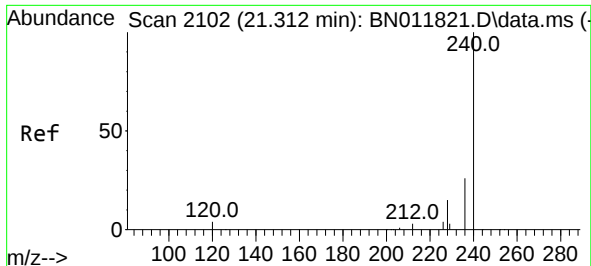
Delta R.T. 0.000 min

Lab File: BN011871.D

Acq: 23 Sep 2020 03:41

Tgt Ion:212	Resp:	15891
Ion Ratio	Lower	Upper
212	100	
106	14.9	6.4
104	9.7	3.9





#29

Chrysene-d12

Concen: 0.40 ng

RT: 21.259 min Scan# 2097

Delta R.T. -0.011 min

Lab File: BN011871.D

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Instrument :

BNA_N

ClientSampleId :

RE139D2-20200915

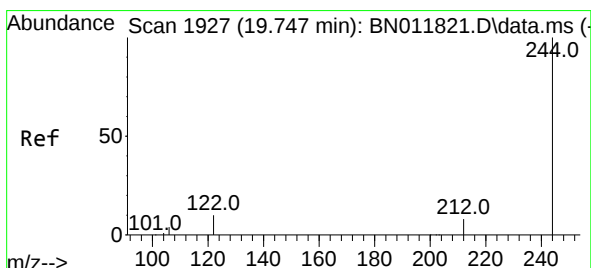
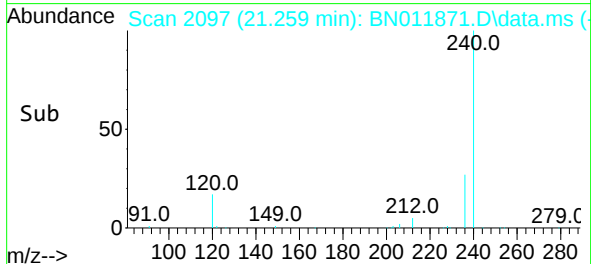
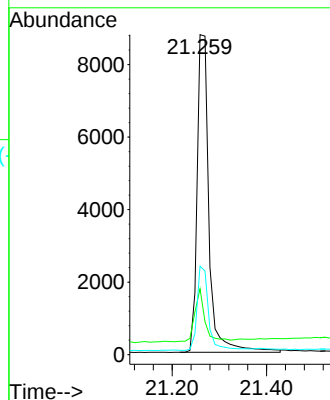
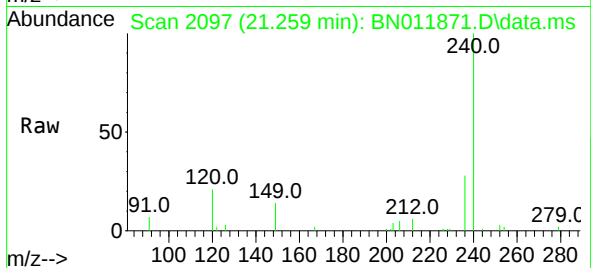
Tgt Ion:240 Resp: 15371

Ion Ratio Lower Upper

240 100

120 20.6 3.5 5.3#

236 27.7 20.5 30.7



#31

Terphenyl-d14

Concen: 0.49 ng

RT: 19.708 min Scan# 1919

Delta R.T. -0.005 min

Lab File: BN011871.D

Acq: 23 Sep 2020 03:41

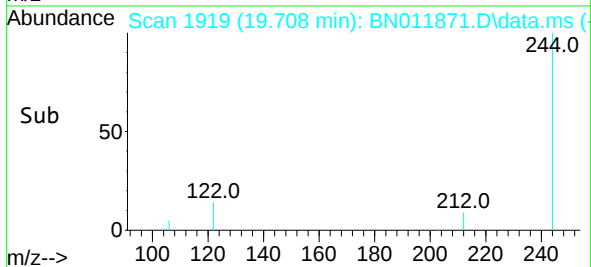
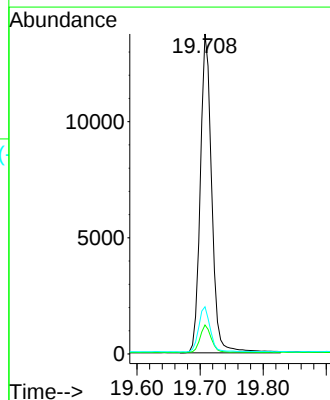
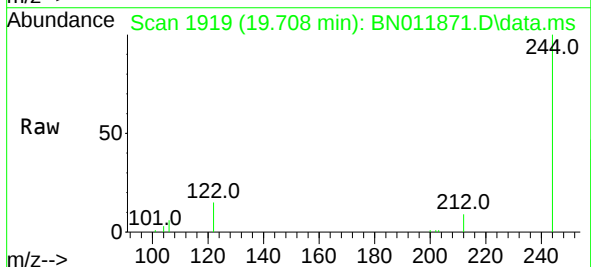
Tgt Ion:244 Resp: 17325

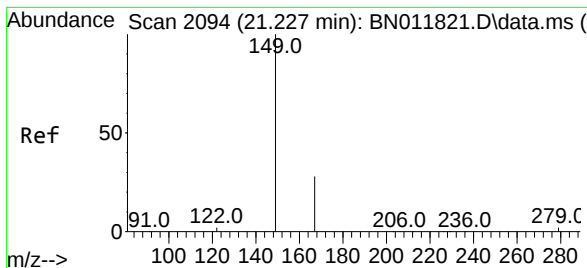
Ion Ratio Lower Upper

244 100

212 9.0 7.3 10.9

122 14.8 7.8 11.6#

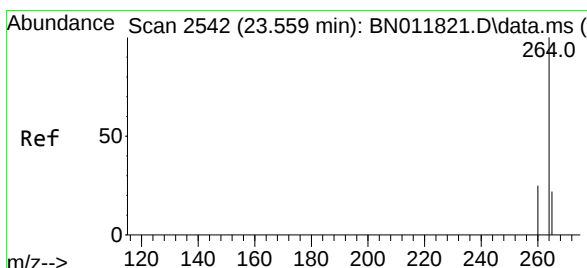
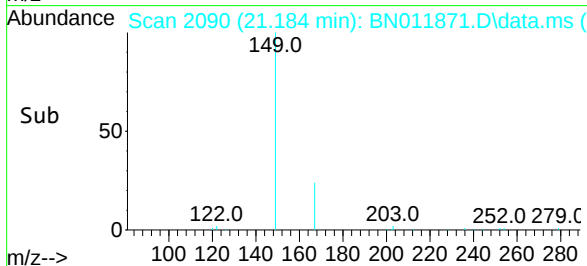
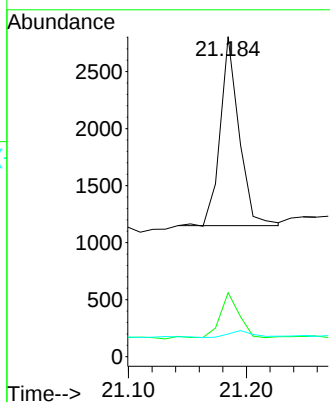
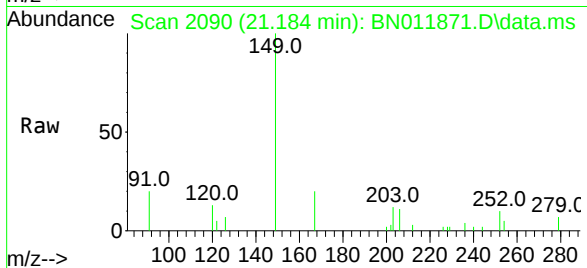




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.07 ng
RT: 21.184 min Scan# 2090
Delta R.T. 0.000 min
Lab File: BN011871.D
Acq: 23 Sep 2020 03:41

Instrument :
BNA_N
ClientSampleId :
RE139D2-20200915

Tgt Ion:149 Resp: 1842
Ion Ratio Lower Upper
149 100
167 23.4 23.6 35.4#
279 4.8 4.0 6.0



#36
Perylene-d12
Concen: 0.40 ng
RT: 23.484 min Scan# 2520
Delta R.T. -0.007 min
Lab File: BN011871.D
Acq: 23 Sep 2020 03:41

Tgt Ion:264 Resp: 14955
Ion Ratio Lower Upper
264 100
260 24.3 19.6 29.4
265 66.6 38.6 58.0#

