

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092420\
 Data File : BN011914.D
 Acq On : 24 Sep 2020 15:20
 Operator : CG/JU
 Sample : L4082-15
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE131D1-20200916

Quant Time: Sep 24 16:07:49 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)

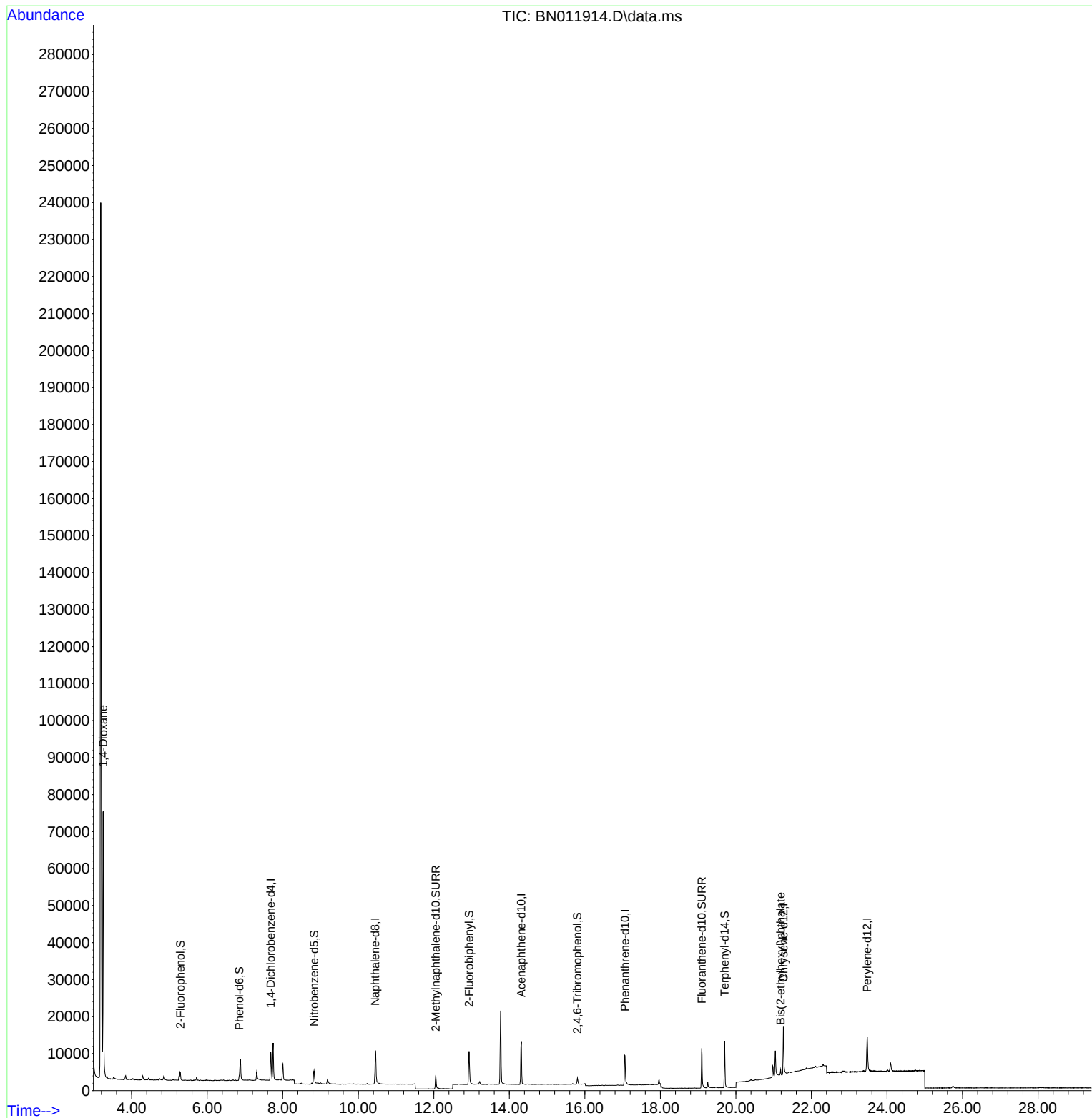
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.683	152	3328	0.40	ng	0.00
7) Naphthalene-d8	10.453	136	13916	0.40	ng	#-0.01
13) Acenaphthene-d10	14.319	164	7575	0.40	ng	0.00
19) Phenanthrene-d10	17.066	188	15209	0.40	ng	0.00
29) Chrysene-d12	21.259	240	13919	0.40	ng	#-0.01
36) Perylene-d12	23.477	264	14048	0.40	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.291	112	1565	0.13	ng	0.00
5) Phenol-d6	6.853	99	1098	0.07	ng	0.00
8) Nitrobenzene-d5	8.831	82	3831	0.27	ng	0.00
11) 2-Methylnaphthalene-d10	12.051	152	5871	0.27	ng	0.00
14) 2,4,6-Tribromophenol	15.803	330	1262	0.34	ng	-0.01
15) 2-Fluorobiphenyl	12.936	172	8704	0.30	ng	0.00
27) Fluoranthene-d10	19.097	212	12897	0.29	ng	0.00
31) Terphenyl-d14	19.703	244	13325	0.42	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.245	88	39579	6.83	ng	97
34) Bis(2-ethylhexyl)phtha...	21.184	149	1384	0.04	ng	93

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

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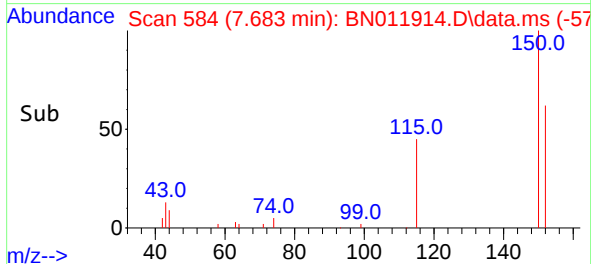
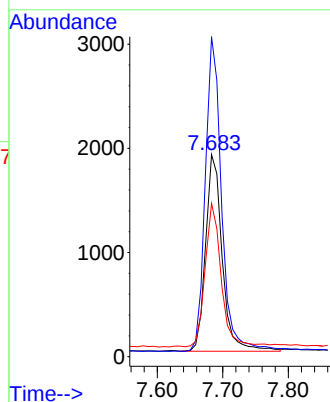
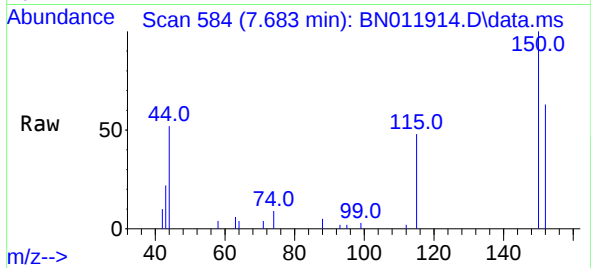




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.683 min Scan# 584
Delta R.T. -0.008 min
Lab File: BN011914.D
Acq: 24 Sep 2020 15:20

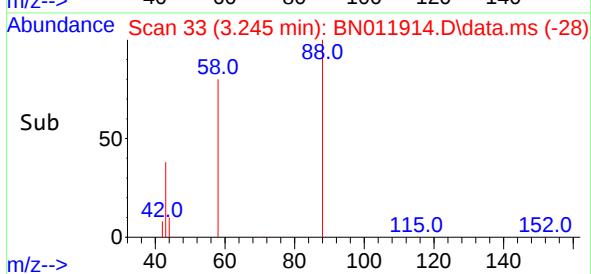
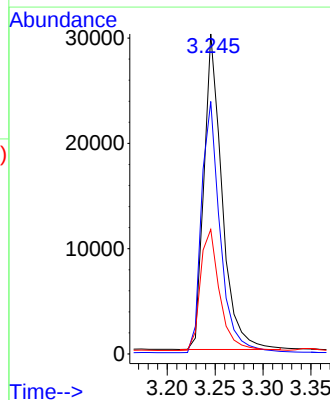
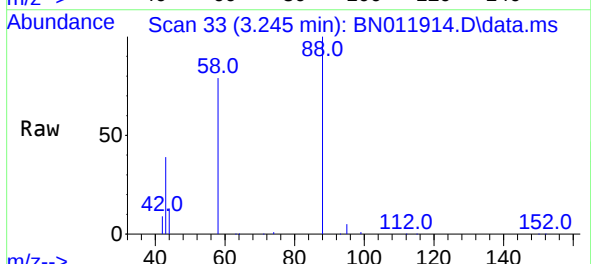
Instrument :
BNA_N
ClientSampleId :
RE131D1-20200916

Tgt Ion:152 Resp: 3328
Ion Ratio Lower Upper
152 100
150 158.4 118.3 177.5
115 75.8 51.3 76.9

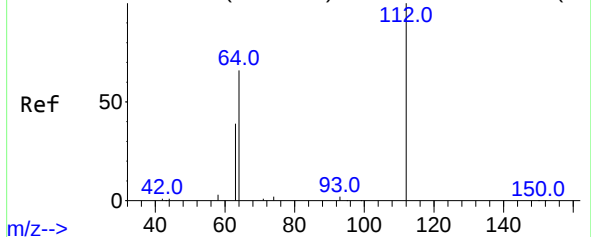


#2
1,4-Dioxane
Concen: 6.83 ng
RT: 3.245 min Scan# 33
Delta R.T. -0.008 min
Lab File: BN011914.D
Acq: 24 Sep 2020 15:20

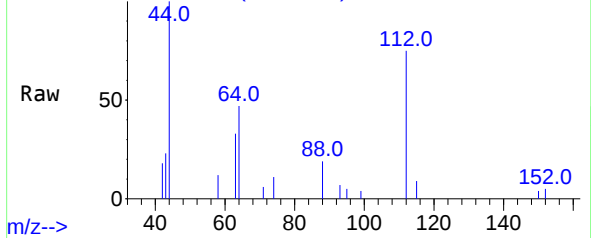
Tgt Ion: 88 Resp: 39579
Ion Ratio Lower Upper
88 100
58 82.2 63.3 94.9
43 40.8 33.0 49.4



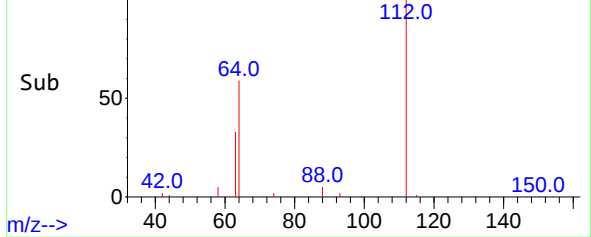
Abundance Scan 287 (5.291 min): BN011885.D\data.ms (-28



m/z--> Scan 287 (5.291 min): BN011914.D\data.ms



m/z--> Abundance Scan 287 (5.291 min): BN011914.D\data.ms (-26



m/z-->

#4

2-Fluorophenol

Concen: 0.13 ng

RT: 5.291 min Scan# 287

Delta R.T. 0.000 min

Lab File: BN011914.D

Acq: 24 Sep 2020 15:20

Tgt Ion: 112 Resp: 1565

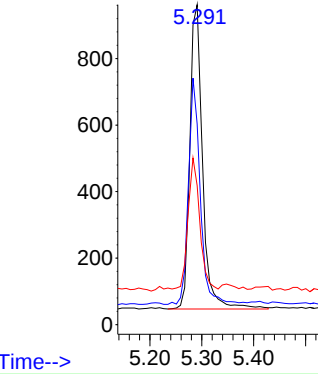
Ion Ratio Lower Upper

112 100

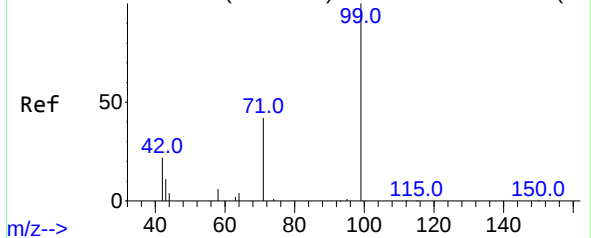
64 68.8 49.0 73.6

63 40.0 31.8 47.6

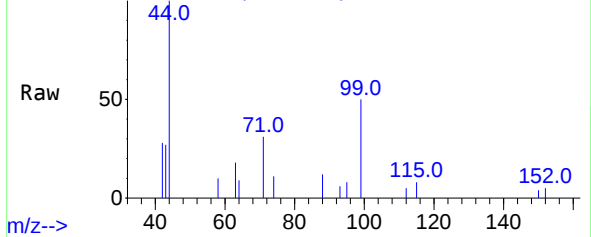
Abundance



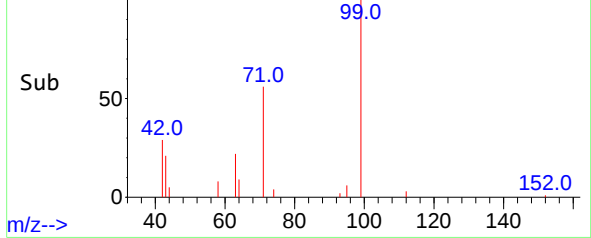
Abundance Scan 482 (6.861 min): BN011885.D\data.ms (-47



m/z--> Scan 481 (6.853 min): BN011914.D\data.ms



m/z--> Abundance Scan 481 (6.853 min): BN011914.D\data.ms (-47



m/z-->

#5

Phenol-d6

Concen: 0.07 ng

RT: 6.853 min Scan# 481

Delta R.T. -0.008 min

Lab File: BN011914.D

Acq: 24 Sep 2020 15:20

Tgt Ion: 99 Resp: 1098

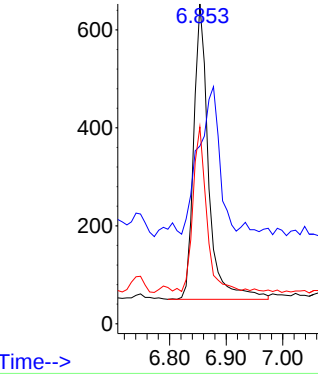
Ion Ratio Lower Upper

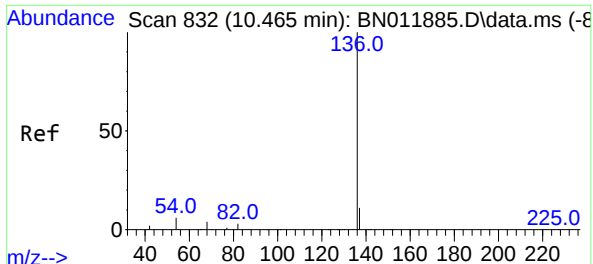
99 100

42 0.0 23.4 35.0

71 50.8 38.1 57.1

Abundance

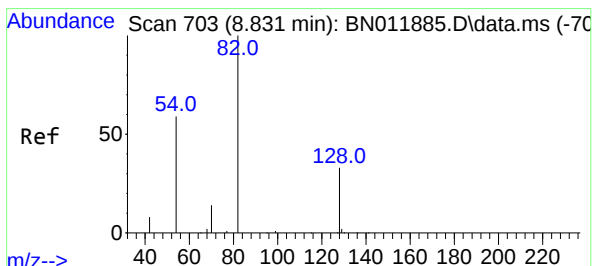
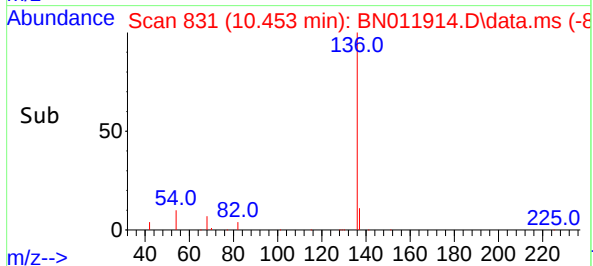
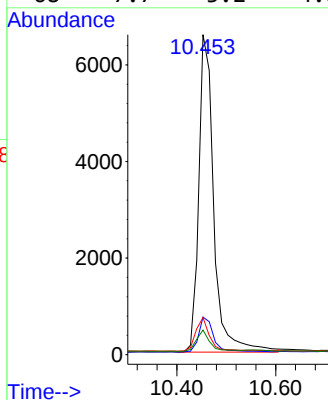
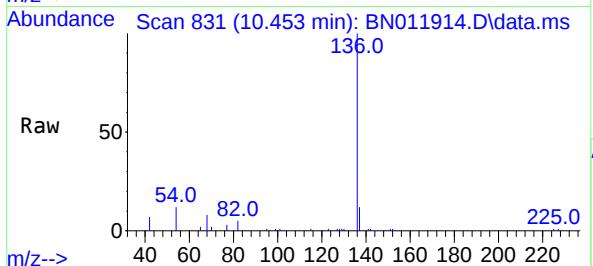




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.453 min Scan# 831
Delta R.T. -0.013 min
Lab File: BN011914.D
Acq: 24 Sep 2020 15:20

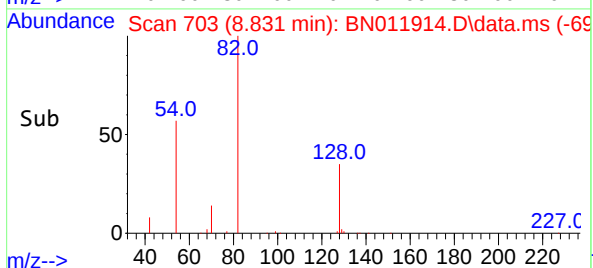
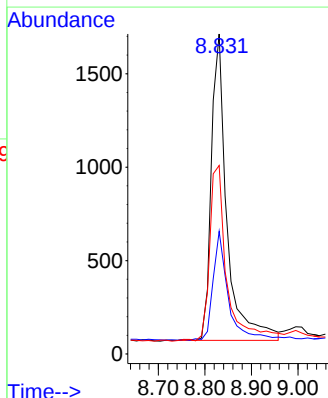
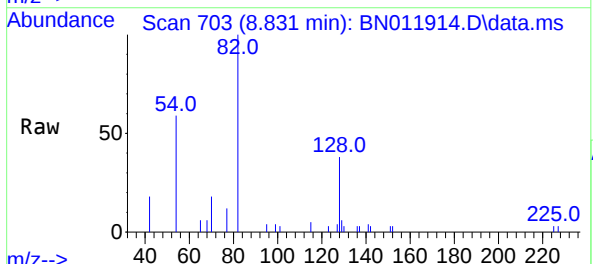
Instrument :
BNA_N
ClientSampleId :
RE131D1-20200916

Tgt Ion:	136	Resp:	13916
Ion Ratio	Lower	Upper	
136	100		
137	11.8	9.5	14.3
54	11.6	5.6	8.4#
68	7.7	3.2	4.8#



#8
Nitrobenzene-d5
Concen: 0.27 ng
RT: 8.831 min Scan# 703
Delta R.T. 0.000 min
Lab File: BN011914.D
Acq: 24 Sep 2020 15:20

Tgt Ion:	82	Resp:	3831
Ion Ratio	Lower	Upper	
82	100		
128	38.3	34.2	51.2
54	58.9	43.1	64.7

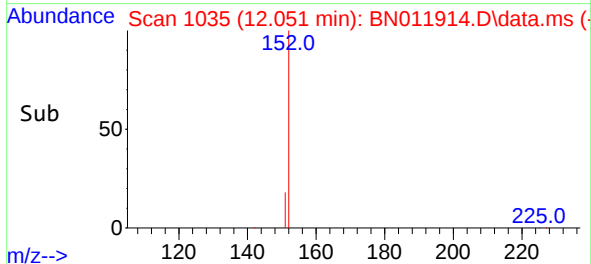
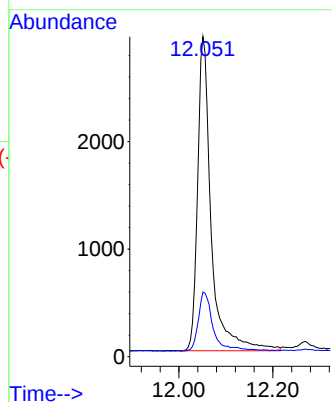
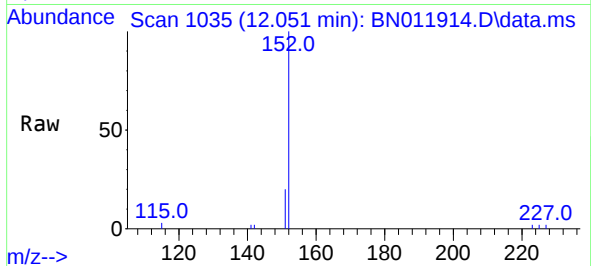




#11
2-Methylnaphthalene-d10
Concen: 0.27 ng
RT: 12.051 min Scan# 1035
Delta R.T. -0.004 min
Lab File: BN011914.D
Acq: 24 Sep 2020 15:20

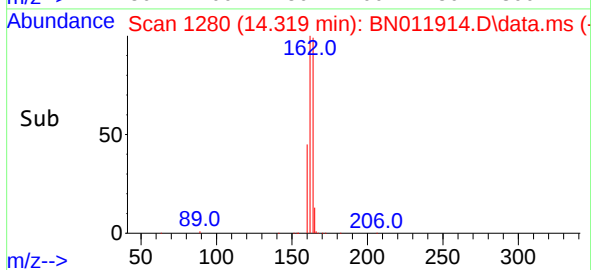
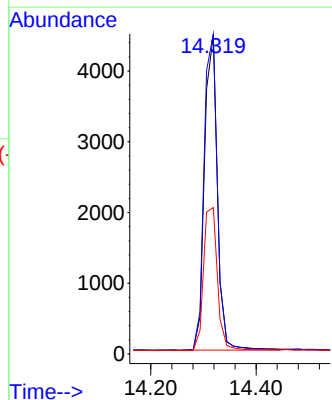
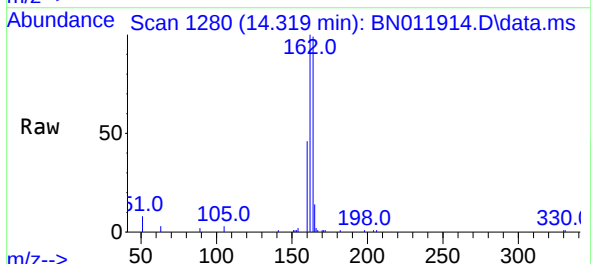
Instrument :
BNA_N
ClientSampleId :
RE131D1-20200916

Tgt Ion:152 Resp: 5871
Ion Ratio Lower Upper
152 100
151 20.5 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: BN011914.D
Acq: 24 Sep 2020 15:20

Tgt Ion:164 Resp: 7575
Ion Ratio Lower Upper
164 100
162 100.5 83.6 125.4
160 46.0 41.2 61.8

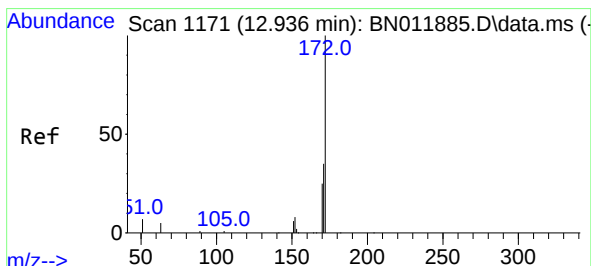
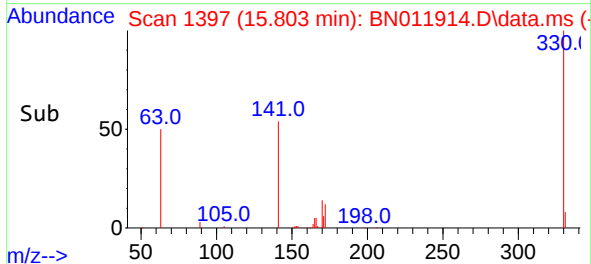
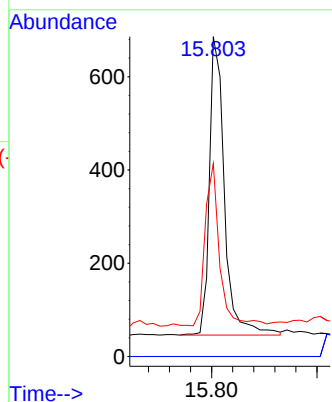
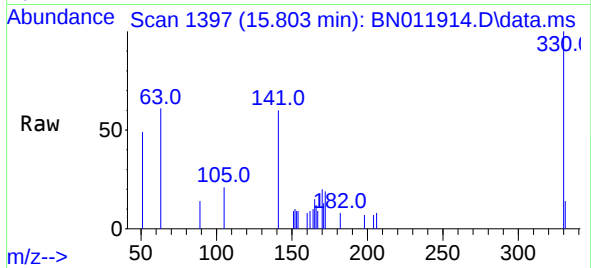




#14
2,4,6-Tribromophenol
Concen: 0.34 ng
RT: 15.803 min Scan# 1397
Delta R.T. -0.013 min
Lab File: BN011914.D
Acq: 24 Sep 2020 15:20

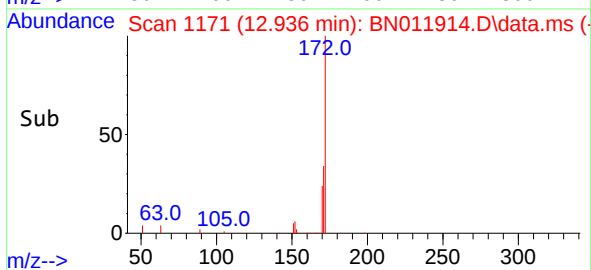
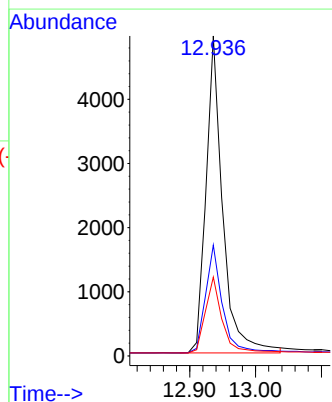
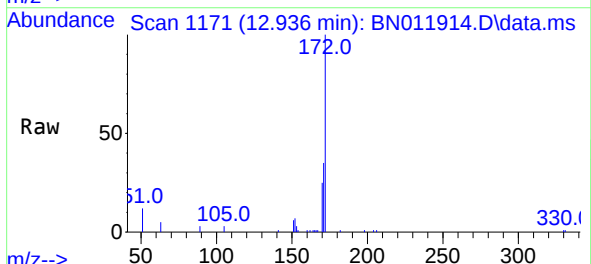
Instrument :
BNA_N
ClientSampleId :
RE131D1-20200916

Tgt Ion:330 Resp: 1262
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 51.3 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: BN011914.D
Acq: 24 Sep 2020 15:20

Tgt Ion:172 Resp: 8704
Ion Ratio Lower Upper
172 100
171 34.7 27.4 41.2
170 24.7 17.8 26.6

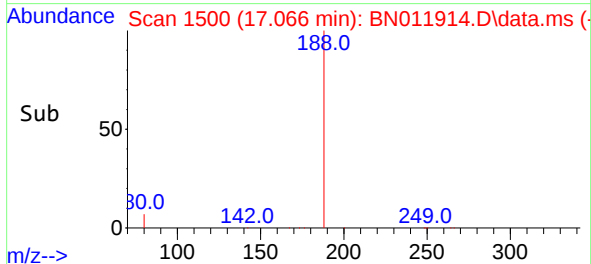
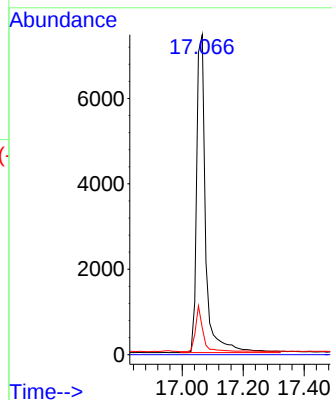
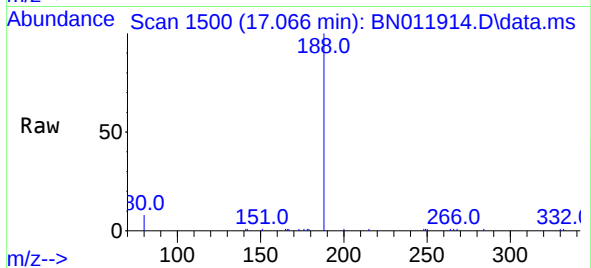




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.066 min Scan# 1500
Delta R.T. 0.000 min
Lab File: BN011914.D
Acq: 24 Sep 2020 15:20

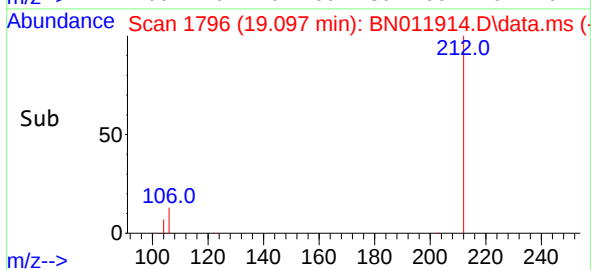
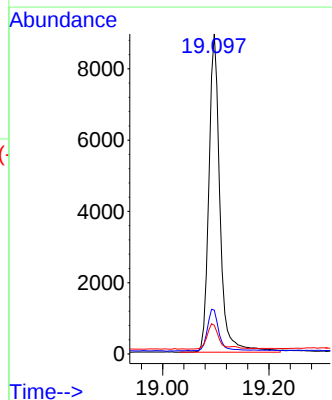
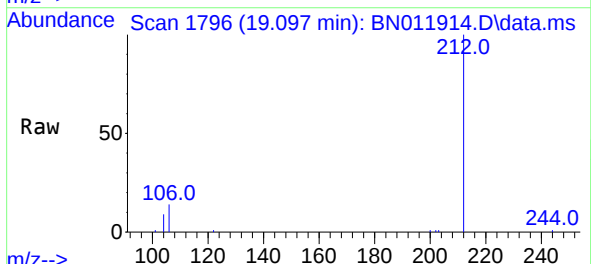
Instrument :
BNA_N
ClientSampleId :
RE131D1-20200916

Tgt Ion:188 Resp: 15209
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.3 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: BN011914.D
Acq: 24 Sep 2020 15:20

Tgt Ion:212 Resp: 12897
Ion Ratio Lower Upper
212 100
106 13.3 6.4 9.6#
104 8.0 3.9 5.9#

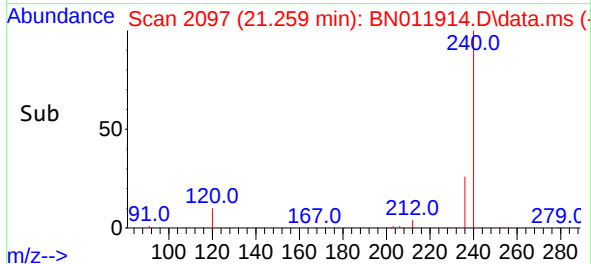
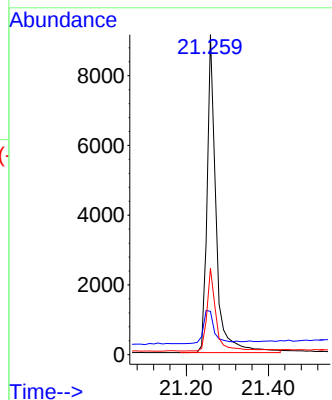
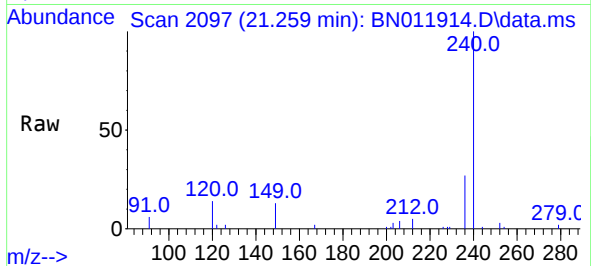




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.259 min Scan# 2097
Delta R.T. -0.011 min
Lab File: BN011914.D
Acq: 24 Sep 2020 15:20

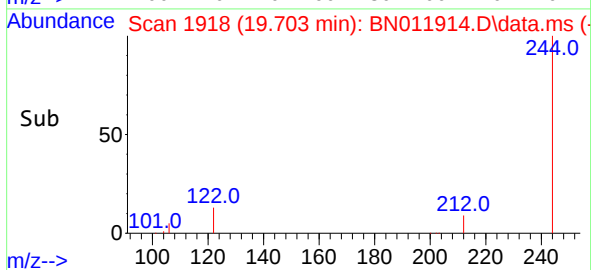
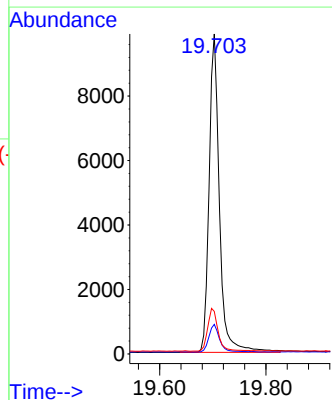
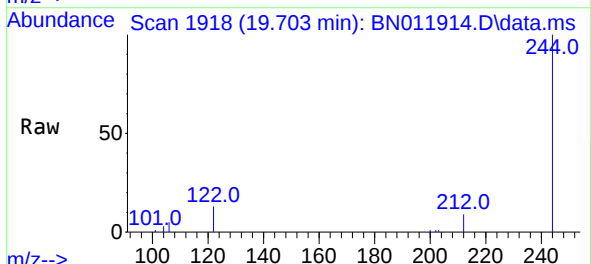
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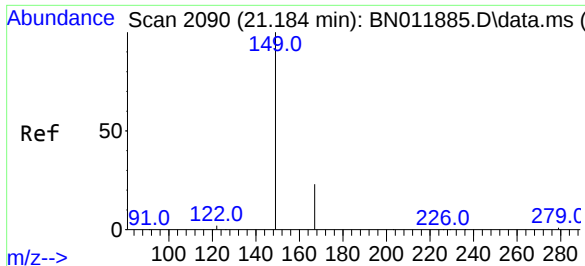
Tgt Ion:240 Resp: 13919
Ion Ratio Lower Upper
240 100
120 13.6 3.5 5.3#
236 27.0 20.5 30.7



#31
Terphenyl-d14
Concen: 0.42 ng
RT: 19.703 min Scan# 1918
Delta R.T. -0.005 min
Lab File: BN011914.D
Acq: 24 Sep 2020 15:20

Tgt Ion:244 Resp: 13325
Ion Ratio Lower Upper
244 100
212 9.2 7.3 10.9
122 13.3 7.8 11.6#

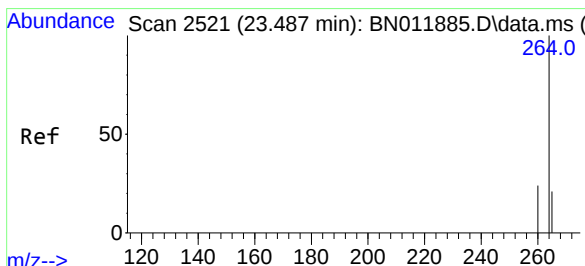
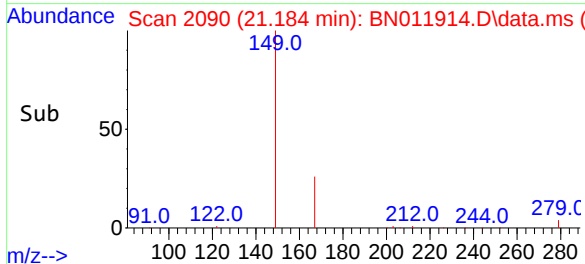
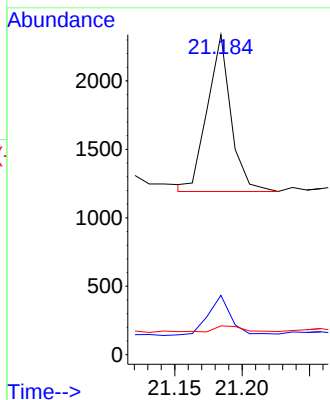
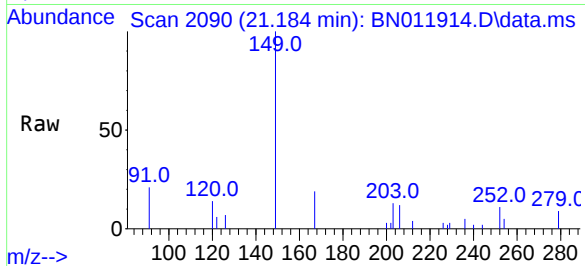




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.04 ng
RT: 21.184 min Scan# 2090
Delta R.T. 0.000 min
Lab File: BN011914.D
Acq: 24 Sep 2020 15:20

Instrument :
BNA_N
ClientSampleId :
RE131D1-20200916

Tgt Ion:	149	Resp:	1384
Ion	Ratio	Lower	Upper
149	100		
167	25.6	23.6	35.4
279	4.3	4.0	6.0



#36
Perylene-d12
Concen: 0.40 ng
RT: 23.477 min Scan# 2518
Delta R.T. -0.010 min
Lab File: BN011914.D
Acq: 24 Sep 2020 15:20

Tgt Ion:	264	Resp:	14048
Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.6	29.4
265	65.7	38.6	58.0

