

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092820\
 Data File : BN011981.D
 Acq On : 28 Sep 2020 12:04
 Operator : CG/JU
 Sample : L4118-18
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT180D1-20200921

Quant Time: Sep 28 14:16:45 2020
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 25 11:18:41 2020
 Response via : Initial Calibration

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

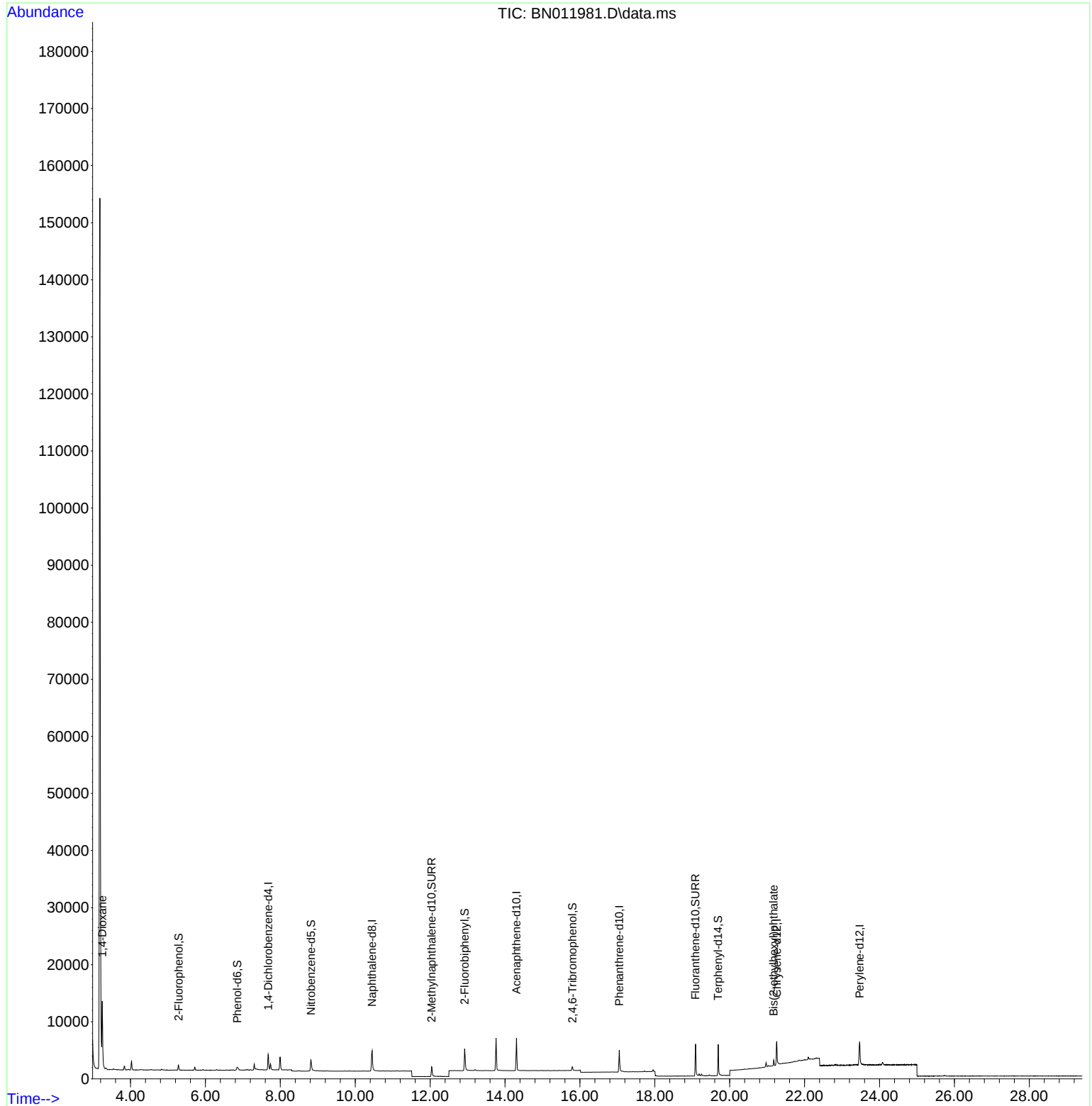
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.675	152	1294	0.40	ng	# 0.00
7) Naphthalene-d8	10.453	136	5665	0.40	ng	# 0.00
13) Acenaphthene-d10	14.306	164	3161	0.40	ng	0.00
19) Phenanthrene-d10	17.053	188	6199	0.40	ng	0.00
29) Chrysene-d12	21.259	240	5488	0.40	ng	# 0.00
36) Perylene-d12	23.467	264	5695	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.283	112	631	0.14	ng	0.00
5) Phenol-d6	6.853	99	412	0.07	ng	0.00
8) Nitrobenzene-d5	8.818	82	2049	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	12.042	152	2904	0.32	ng	0.00
14) 2,4,6-Tribromophenol	15.803	330	572	0.37	ng	0.00
15) 2-Fluorobiphenyl	12.923	172	3701	0.31	ng	-0.01
27) Fluoranthene-d10	19.087	212	6954	0.38	ng	0.00
31) Terphenyl-d14	19.693	244	5956	0.48	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.245	88	5897	2.62	ng	# 86
34) Bis(2-ethylhexyl)phtha...	21.174	149	993	0.08	ng	91

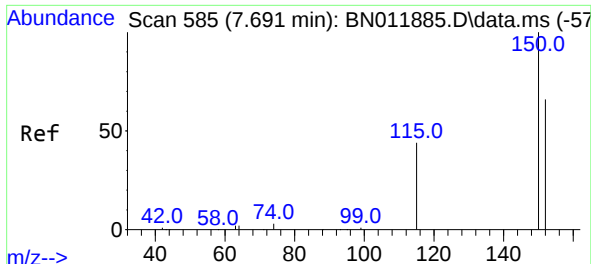
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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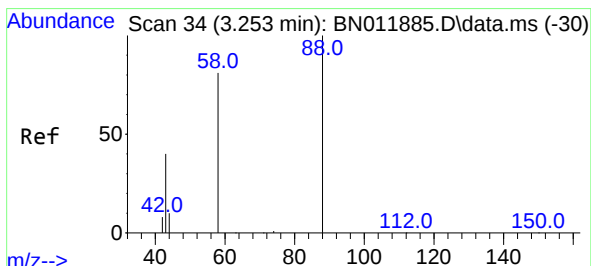
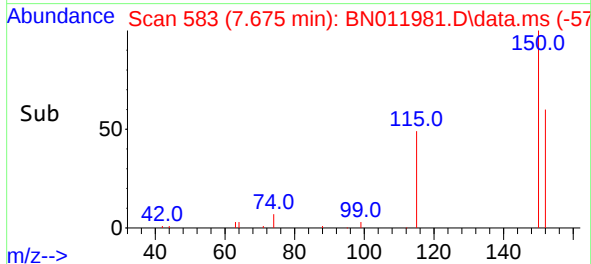
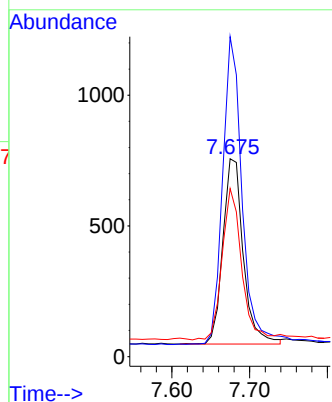
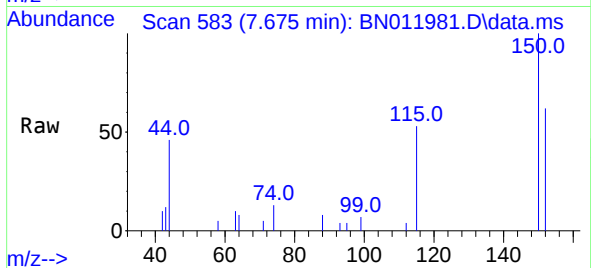




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.675 min Scan# 583
Delta R.T. -0.008 min
Lab File: BN011981.D
Acq: 28 Sep 2020 12:04

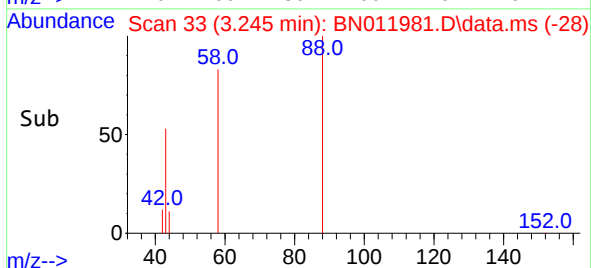
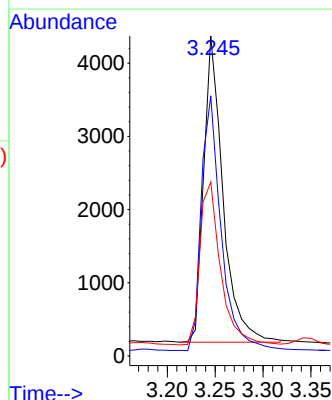
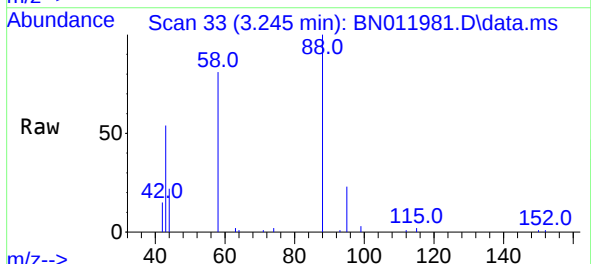
Instrument :
BNA_N
ClientSampleId :
TT180D1-20200921

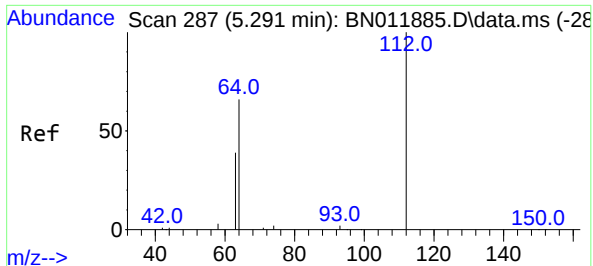
Tgt Ion:152 Resp: 1294
Ion Ratio Lower Upper
152 100
150 161.7 118.3 177.5
115 84.9 51.3 76.9#



#2
1,4-Dioxane
Concen: 2.62 ng
RT: 3.245 min Scan# 33
Delta R.T. -0.008 min
Lab File: BN011981.D
Acq: 28 Sep 2020 12:04

Tgt Ion: 88 Resp: 5897
Ion Ratio Lower Upper
88 100
58 86.0 63.3 94.9
43 57.0 33.0 49.4#

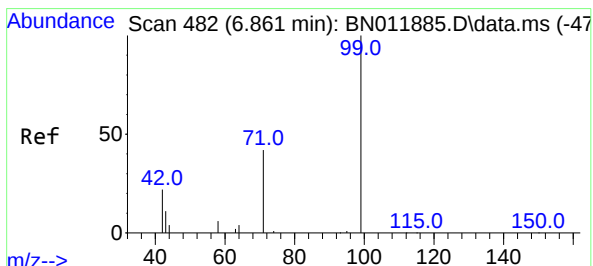
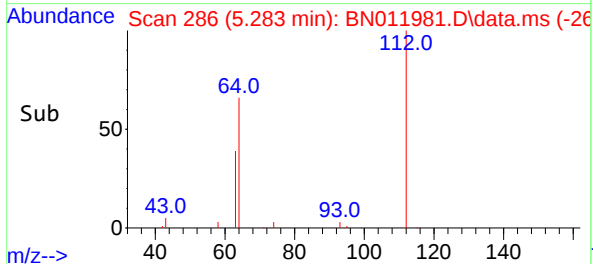
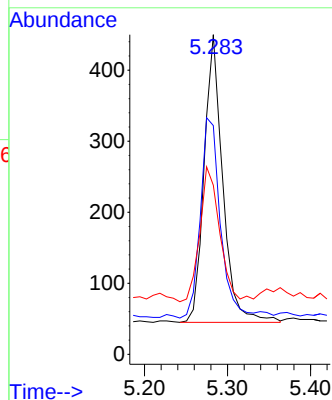
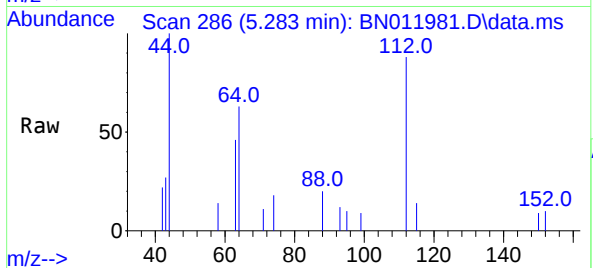




#4
2-Fluorophenol
Concen: 0.14 ng
RT: 5.283 min Scan# 286
Delta R.T. 0.000 min
Lab File: BN011981.D
Acq: 28 Sep 2020 12:04

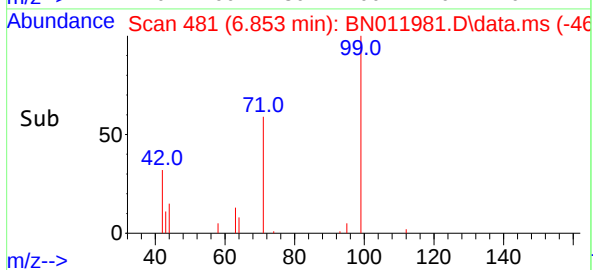
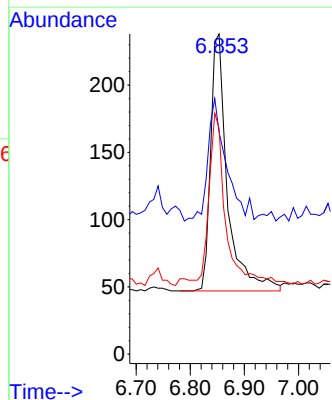
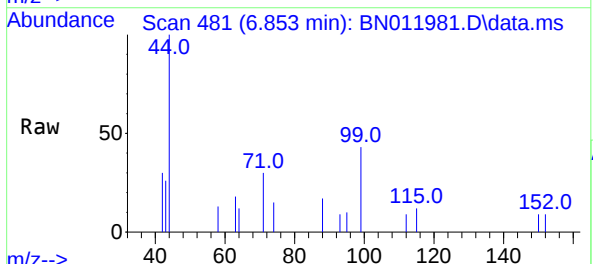
Instrument :
BNA_N
ClientSampleId :
TT180D1-20200921

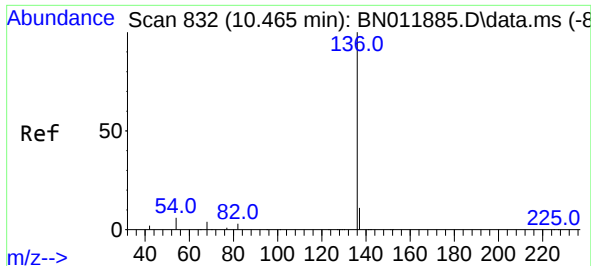
Tgt Ion: 112 Resp: 631
Ion Ratio Lower Upper
112 100
64 76.2 49.0 73.6#
63 50.4 31.8 47.6#



#5
Phenol-d6
Concen: 0.07 ng
RT: 6.853 min Scan# 481
Delta R.T. 0.000 min
Lab File: BN011981.D
Acq: 28 Sep 2020 12:04

Tgt Ion: 99 Resp: 412
Ion Ratio Lower Upper
99 100
42 48.5 23.4 35.0#
71 66.0 38.1 57.1#

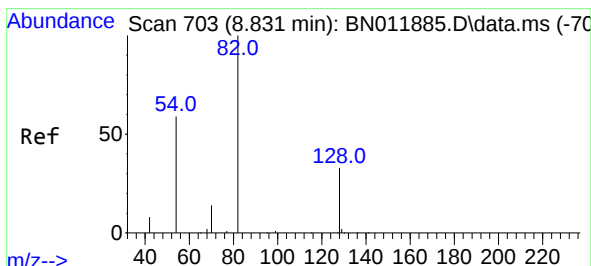
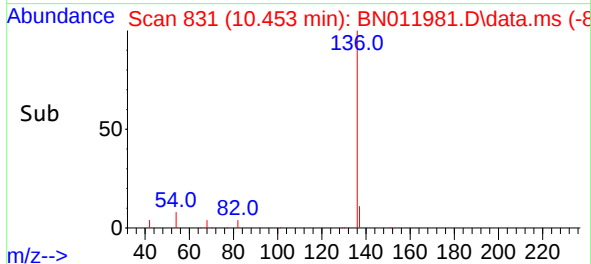
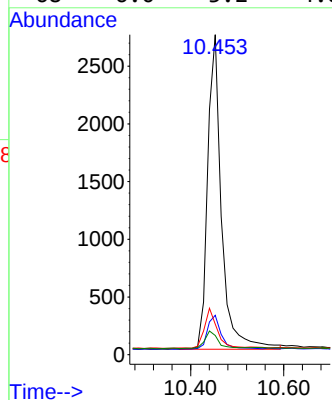
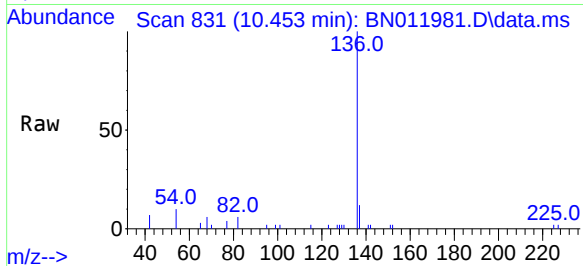




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.453 min Scan# 831
Delta R.T. 0.000 min
Lab File: BN011981.D
Acq: 28 Sep 2020 12:04

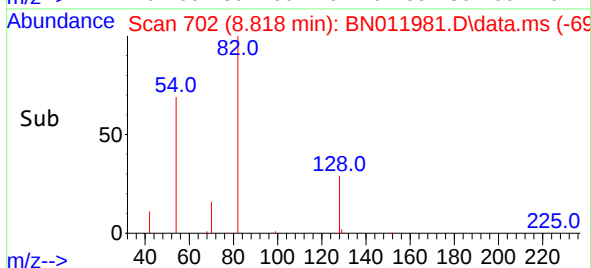
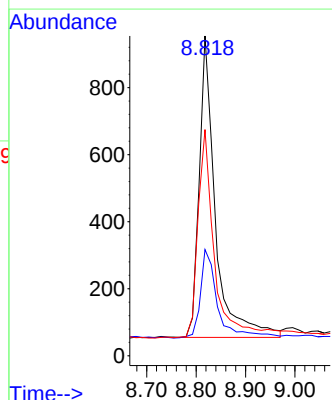
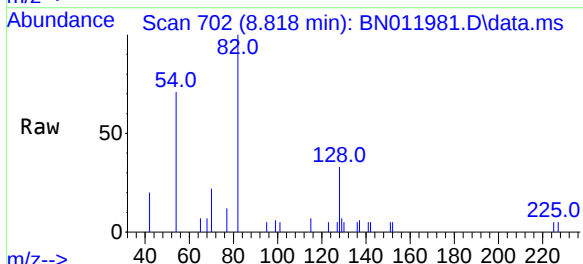
Instrument :
BNA_N
ClientSampleId :
TT180D1-20200921

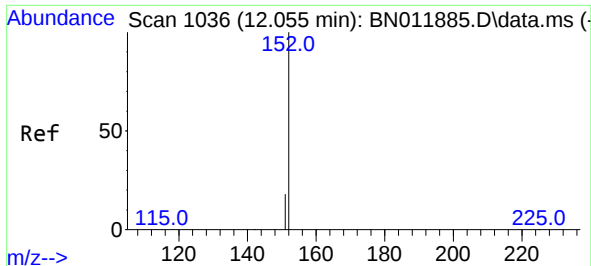
Tgt Ion:	136	Resp:	5665
Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.5	14.3
54	9.6	5.6	8.4#
68	6.0	3.2	4.8#



#8
Nitrobenzene-d5
Concen: 0.35 ng
RT: 8.818 min Scan# 702
Delta R.T. 0.000 min
Lab File: BN011981.D
Acq: 28 Sep 2020 12:04

Tgt Ion:	82	Resp:	2049
Ion	Ratio	Lower	Upper
82	100		
128	33.2	34.2	51.2#
54	70.8	43.1	64.7#

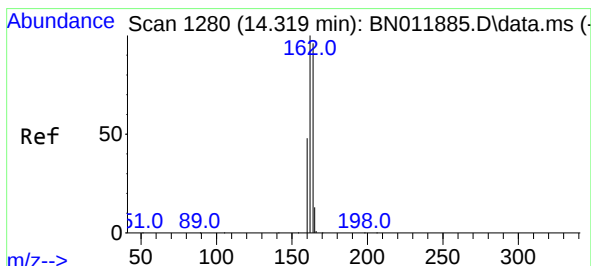
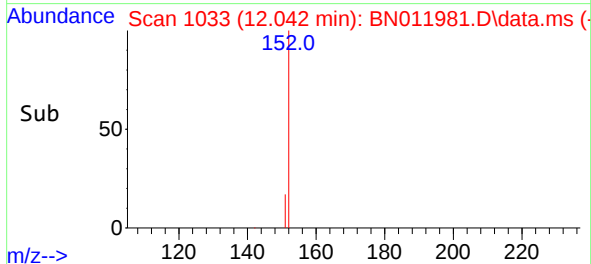
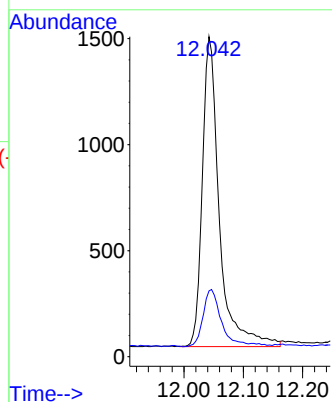
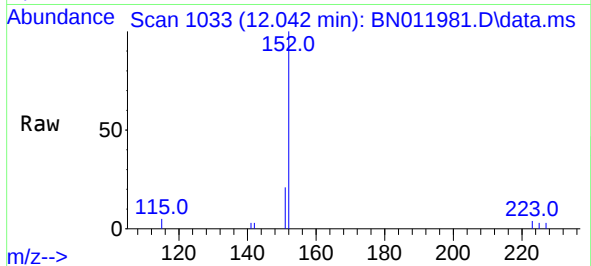




#11
2-Methylnaphthalene-d10
Concen: 0.32 ng
RT: 12.042 min Scan# 1033
Delta R.T. -0.004 min
Lab File: BN011981.D
Acq: 28 Sep 2020 12:04

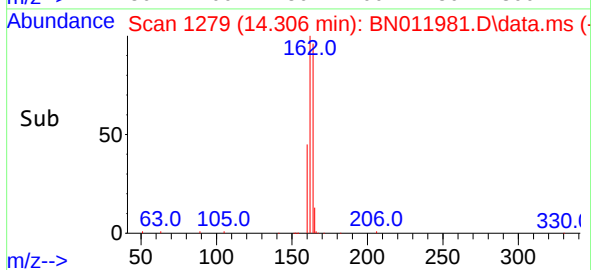
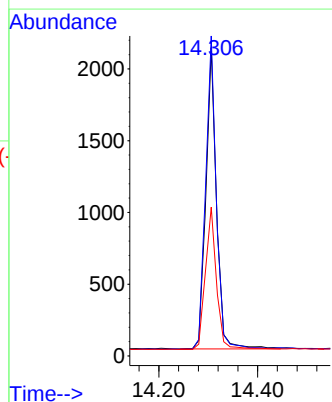
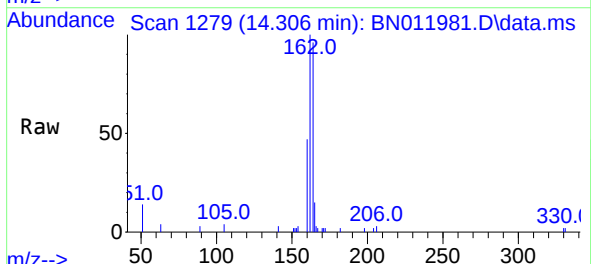
Instrument :
BNA_N
ClientSampleId :
TT180D1-20200921

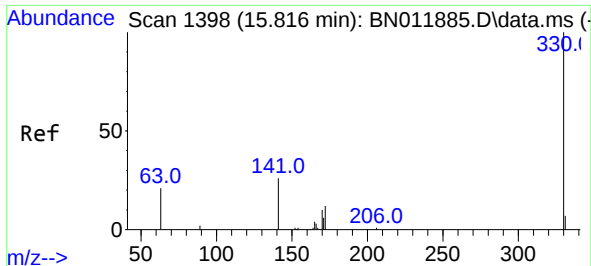
Tgt Ion:152 Resp: 2904
Ion Ratio Lower Upper
152 100
151 19.7 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.306 min Scan# 1279
Delta R.T. 0.000 min
Lab File: BN011981.D
Acq: 28 Sep 2020 12:04

Tgt Ion:164 Resp: 3161
Ion Ratio Lower Upper
164 100
162 103.8 83.6 125.4
160 48.3 41.2 61.8

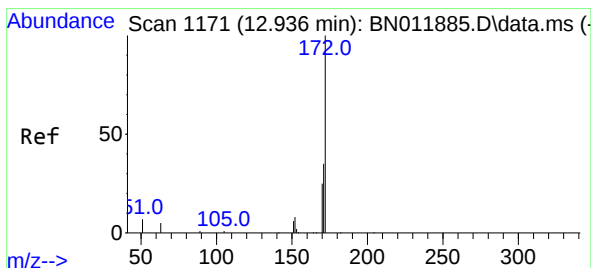
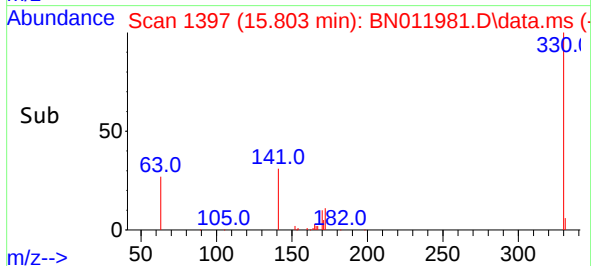
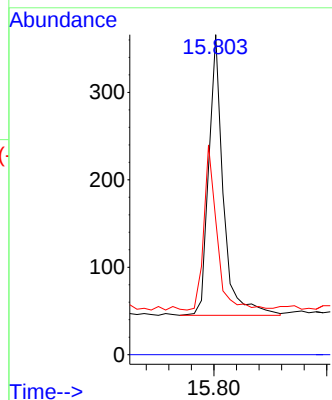
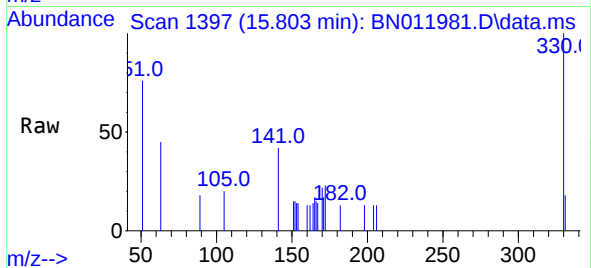




#14
2,4,6-Tribromophenol
Concen: 0.37 ng
RT: 15.803 min Scan# 1397
Delta R.T. 0.000 min
Lab File: BN011981.D
Acq: 28 Sep 2020 12:04

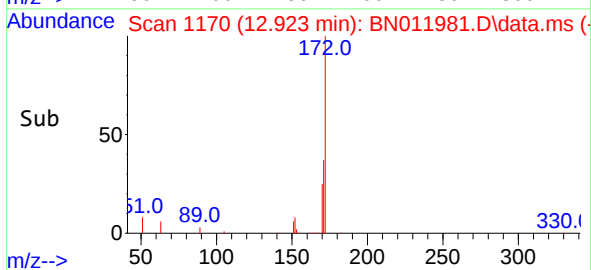
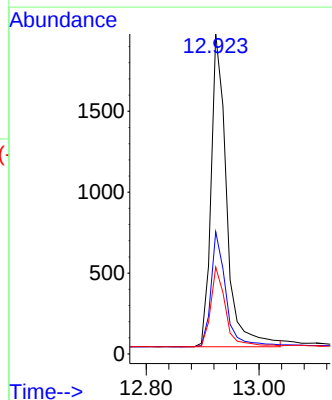
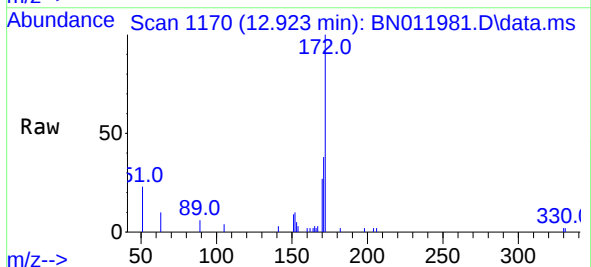
Instrument :
BNA_N
ClientSampleId :
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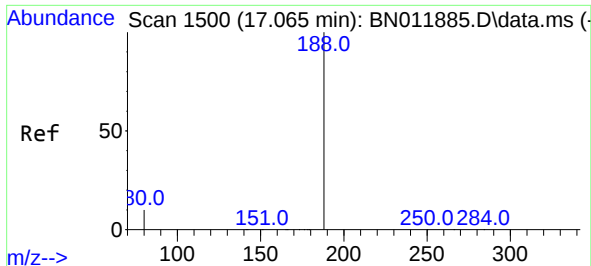
Tgt Ion:330 Resp: 572
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 53.3 33.7 50.5#



#15
2-Fluorobiphenyl
Concen: 0.31 ng
RT: 12.923 min Scan# 1170
Delta R.T. -0.013 min
Lab File: BN011981.D
Acq: 28 Sep 2020 12:04

Tgt Ion:172 Resp: 3701
Ion Ratio Lower Upper
172 100
171 38.2 27.4 41.2
170 27.1 17.8 26.6#

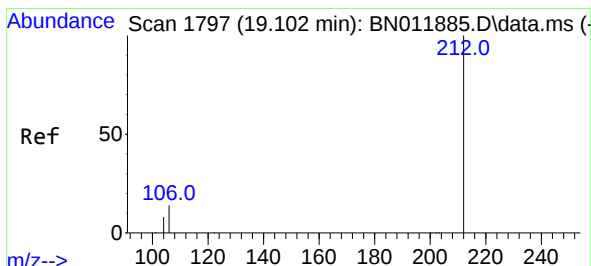
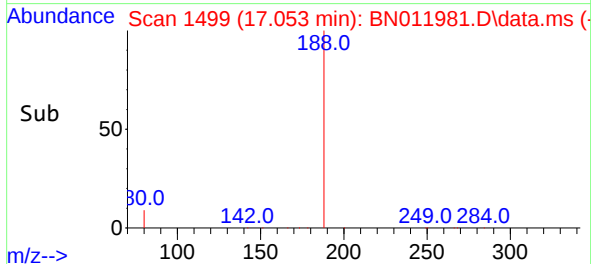
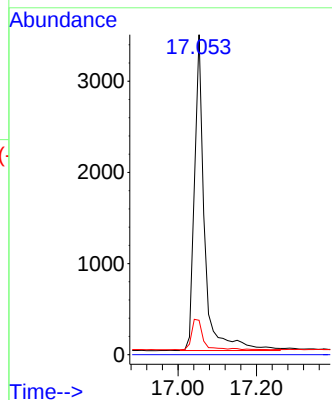
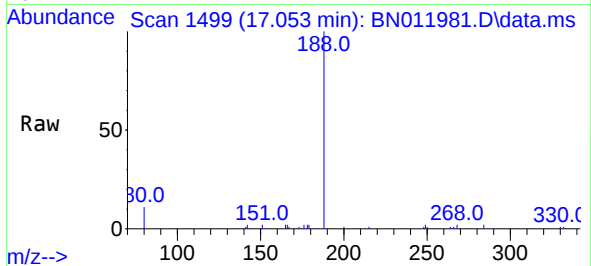




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.053 min Scan# 1499
Delta R.T. 0.000 min
Lab File: BN011981.D
Acq: 28 Sep 2020 12:04

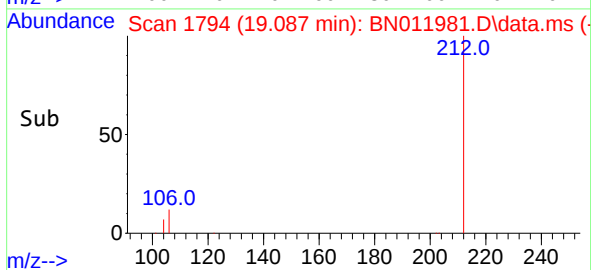
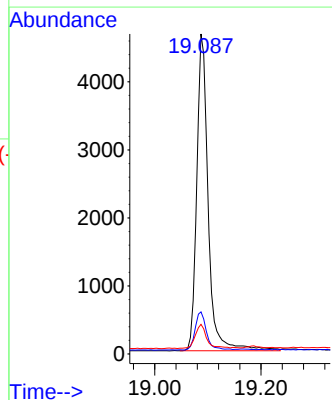
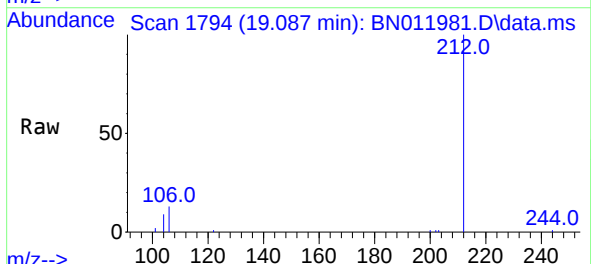
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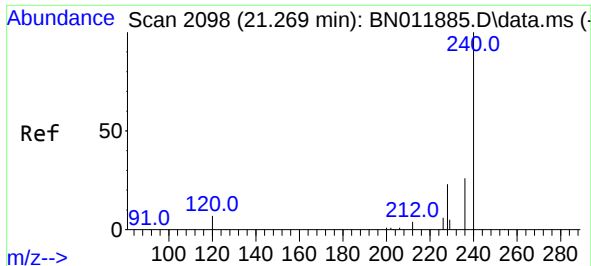
Tgt Ion:188	Resp:	6199
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	10.7	7.7



#27
Fluoranthene-d10
Concen: 0.38 ng
RT: 19.087 min Scan# 1794
Delta R.T. -0.005 min
Lab File: BN011981.D
Acq: 28 Sep 2020 12:04

Tgt Ion:212	Resp:	6954
Ion Ratio	Lower	Upper
212	100	
106	11.9	6.4
104	8.0	3.9





#29

Chrysene-d12

Concen: 0.40 ng

RT: 21.259 min Scan# 2097

Delta R.T. 0.000 min

Lab File: BN011981.D

Acq: 28 Sep 2020 12:04

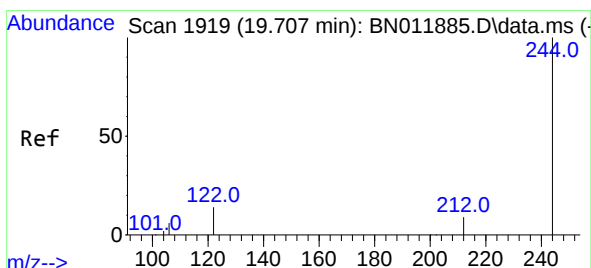
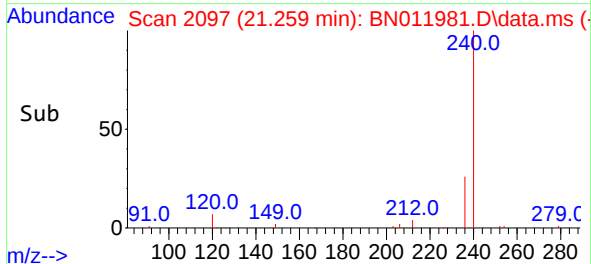
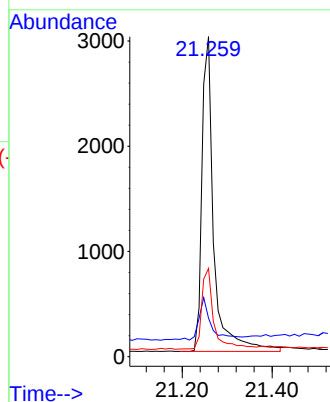
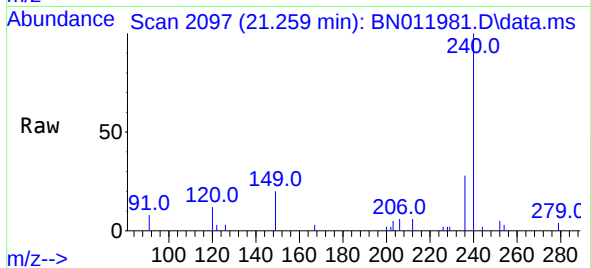
Tgt Ion:240 Resp: 5488

Ion Ratio Lower Upper

240 100

120 12.1 3.5 5.3#

236 27.6 20.5 30.7



#31

Terphenyl-d14

Concen: 0.48 ng

RT: 19.693 min Scan# 1916

Delta R.T. -0.005 min

Lab File: BN011981.D

Acq: 28 Sep 2020 12:04

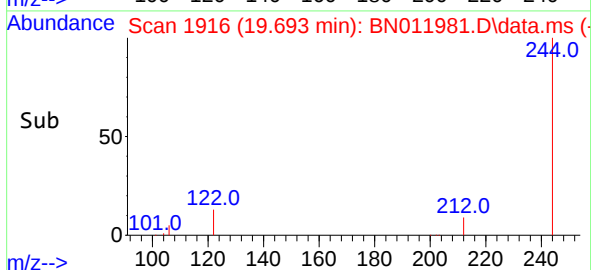
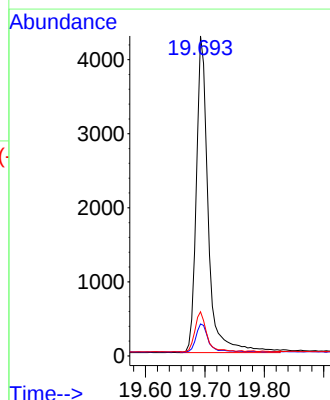
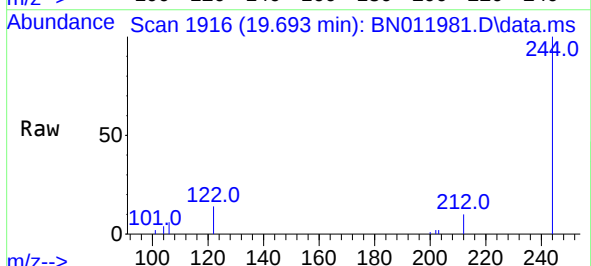
Tgt Ion:244 Resp: 5956

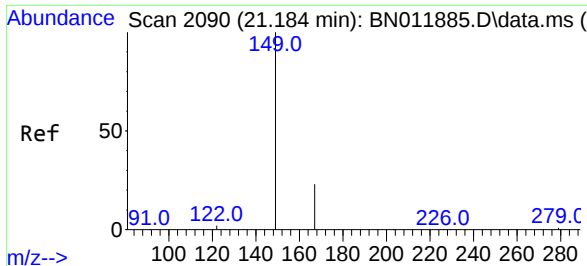
Ion Ratio Lower Upper

244 100

212 10.0 7.3 10.9

122 13.8 7.8 11.6#



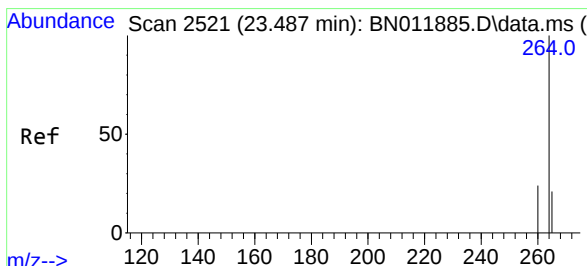
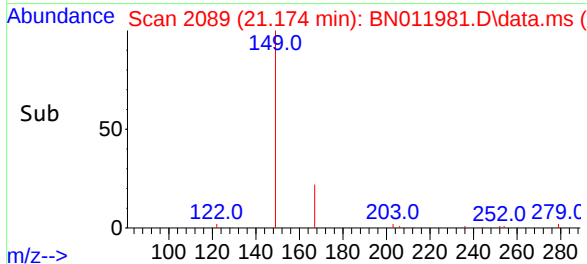
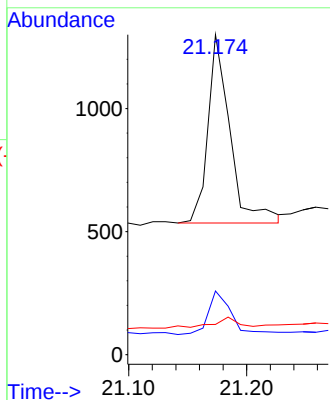
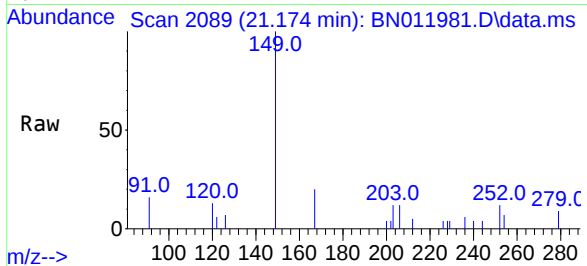


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.08 ng
RT: 21.174 min Scan# 2089
Delta R.T. 0.000 min
Lab File: BN011981.D
Acq: 28 Sep 2020 12:04

Instrument :
BNA_N
ClientSampleId :
TT180D1-20200921

Tgt Ion:149 Resp: 993

Ion	Ratio	Lower	Upper
149	100		
167	23.9	23.6	35.4
279	5.1	4.0	6.0



#36
Perylene-d12
Concen: 0.40 ng
RT: 23.467 min Scan# 2515
Delta R.T. -0.003 min
Lab File: BN011981.D
Acq: 28 Sep 2020 12:04

Tgt Ion:264 Resp: 5695

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.6	29.4
265	66.4	38.6	58.0#

