

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092320\
 Data File : BN011901.D
 Acq On : 24 Sep 2020 05:40
 Operator : CG/JU
 Sample : L4083-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE120D1-20200916

Quant Time: Sep 24 07:20:09 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)

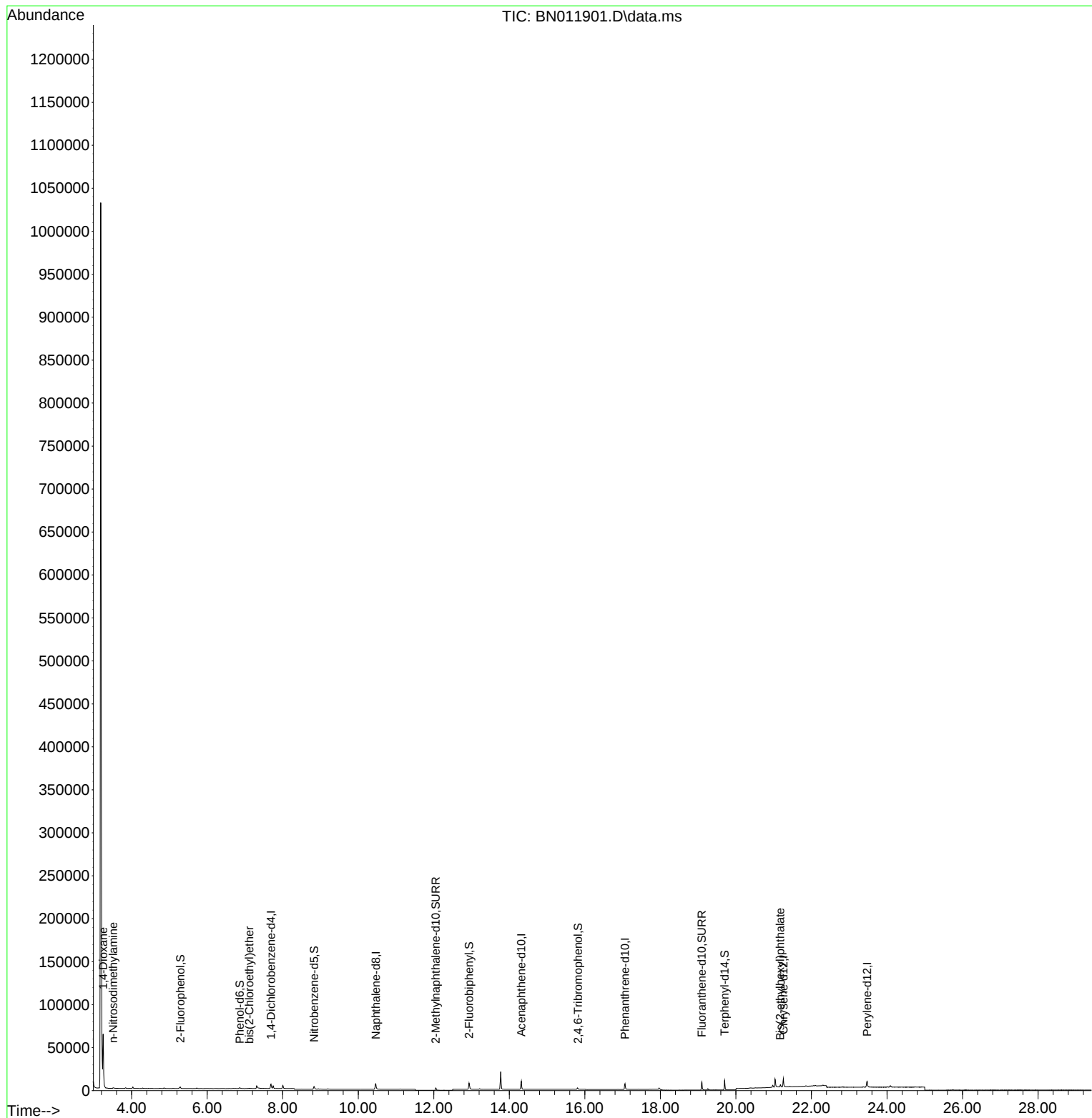
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.691	152	2464	0.40	ng	0.00
7) Naphthalene-d8	10.466	136	10258	0.40	ng	# 0.00
13) Acenaphthene-d10	14.319	164	5589	0.40	ng	0.00
19) Phenanthrene-d10	17.066	188	10815	0.40	ng	0.00
29) Chrysene-d12	21.259	240	10038	0.40	ng	#-0.01
36) Perylene-d12	23.473	264	10363	0.40	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.291	112	1388	0.16	ng	0.00
5) Phenol-d6	6.861	99	951	0.09	ng	0.00
8) Nitrobenzene-d5	8.831	82	3236	0.31	ng	0.00
11) 2-Methylnaphthalene-d10	12.055	152	4584	0.28	ng	0.00
14) 2,4,6-Tribromophenol	15.816	330	1091	0.40	ng	0.00
15) 2-Fluorobiphenyl	12.936	172	6822	0.32	ng	0.00
27) Fluoranthene-d10	19.097	212	11210	0.35	ng	0.00
31) Terphenyl-d14	19.703	244	11476	0.50	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.245	88	30165	7.03	ng	95
3) n-Nitrosodimethylamine	3.511	42	226	0.04	ng	# 1
6) bis(2-Chloroethyl)ether	7.119	93	252	0.03	ng	# 83
34) Bis(2-ethylhexyl)phtha...	21.174	149	2916	0.13	ng	# 88

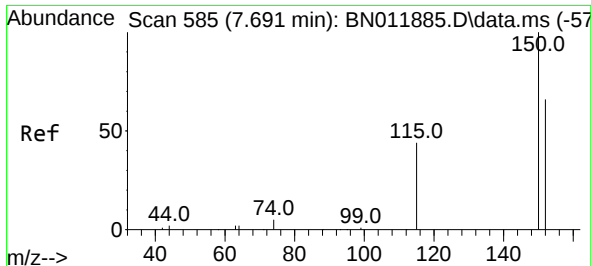
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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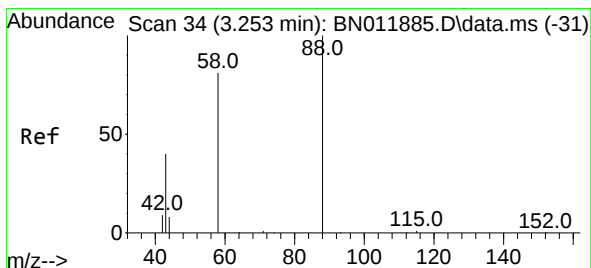
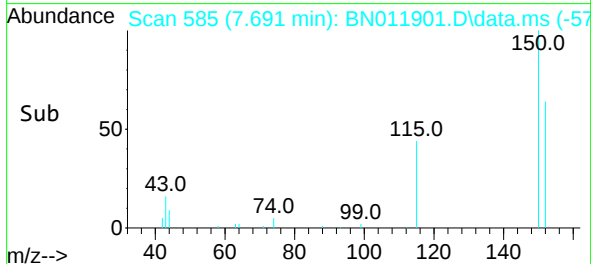
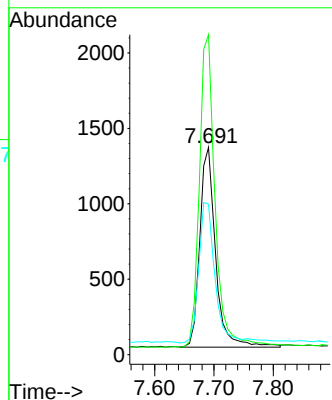
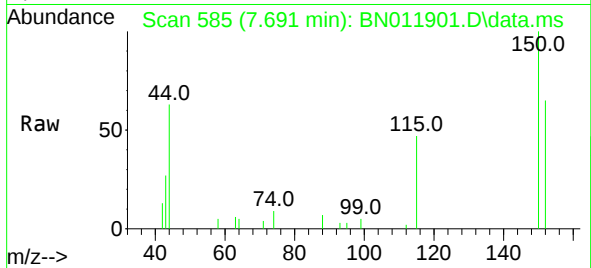




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.691 min Scan# 585
 Delta R.T. -0.000 min
 Lab File: BN011901.D
 Acq: 24 Sep 2020 05:40

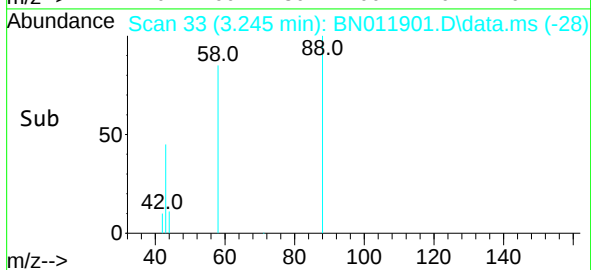
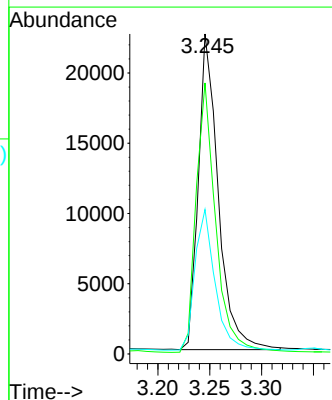
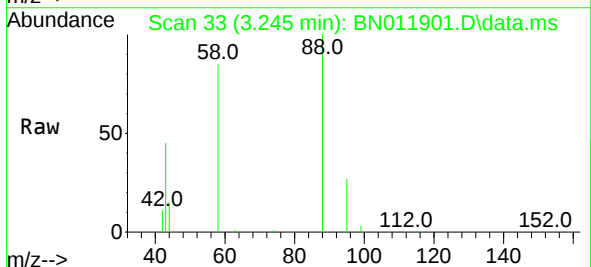
Instrument :
 BNA_N
 ClientSampleId :
 RE120D1-20200916

Tgt Ion:152 Resp: 2464
 Ion Ratio Lower Upper
 152 100
 150 154.4 118.3 177.5
 115 72.6 51.3 76.9



#2
 1,4-Dioxane
 Concen: 7.03 ng
 RT: 3.245 min Scan# 33
 Delta R.T. -0.008 min
 Lab File: BN011901.D
 Acq: 24 Sep 2020 05:40

Tgt Ion: 88 Resp: 30165
 Ion Ratio Lower Upper
 88 100
 58 83.6 63.3 94.9
 43 44.3 33.0 49.4

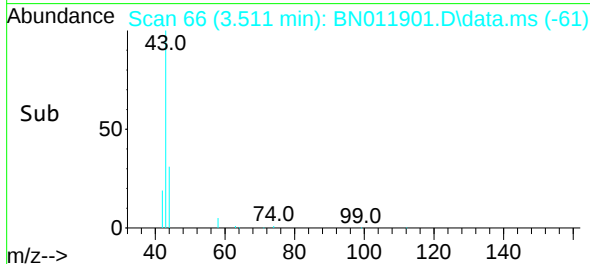
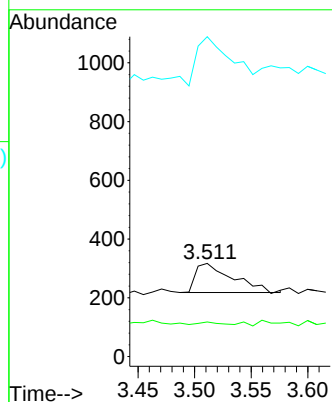
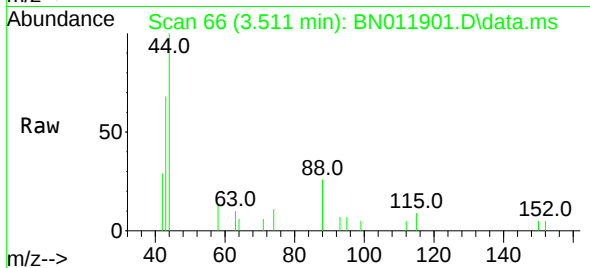




#3
n-Nitrosodimethylamine
Concen: 0.04 ng
RT: 3.511 min Scan# 66
Delta R.T. -0.056 min
Lab File: BN011901.D
Acq: 24 Sep 2020 05:40

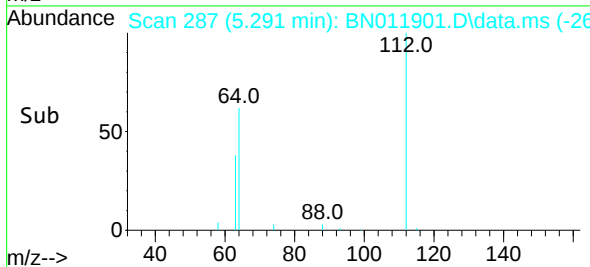
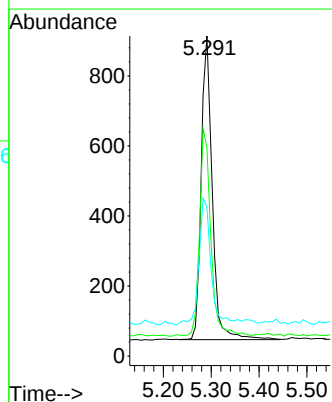
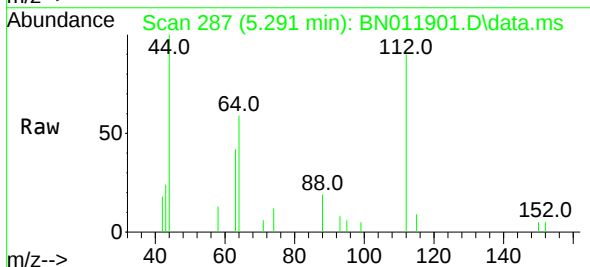
Instrument :
BNA_N
ClientSampleId :
RE120D1-20200916

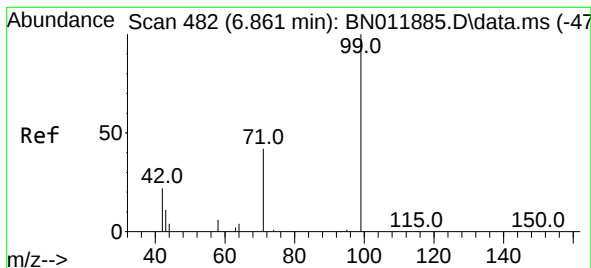
Tgt Ion: 42 Resp: 226
Ion Ratio Lower Upper
42 100
74 4.0 64.4 96.6#
44 158.4 6.7 10.1#



#4
2-Fluorophenol
Concen: 0.16 ng
RT: 5.291 min Scan# 287
Delta R.T. 0.000 min
Lab File: BN011901.D
Acq: 24 Sep 2020 05:40

Tgt Ion: 112 Resp: 1388
Ion Ratio Lower Upper
112 100
64 70.4 49.0 73.6
63 46.1 31.8 47.6





#5

Phenol-d6

Concen: 0.09 ng

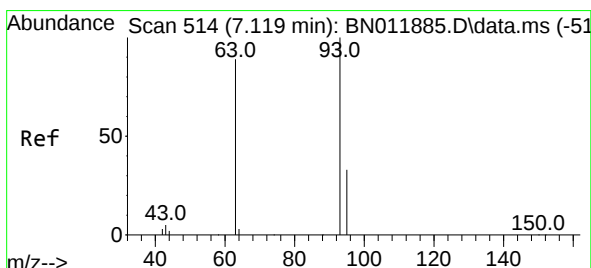
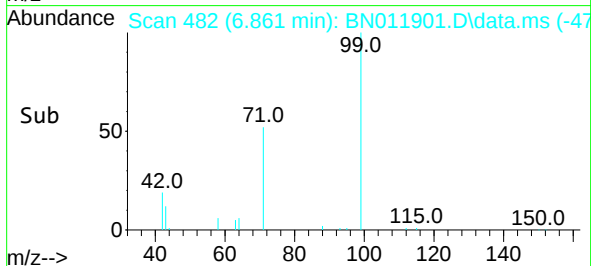
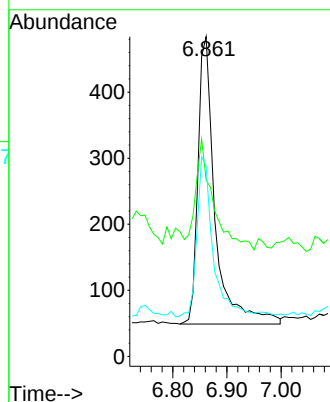
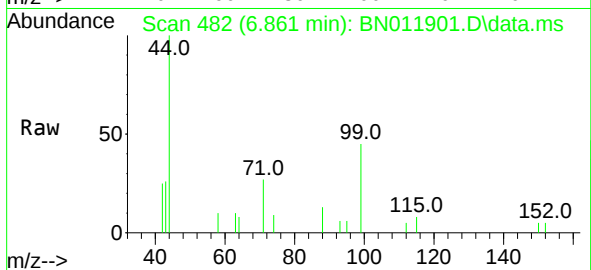
RT: 6.861 min Scan# 482

Delta R.T. 0.000 min

Lab File: BN011901.D

Acq: 24 Sep 2020 05:40

Tgt Ion:	99	Resp:	951
Ion	Ratio	Lower	Upper
99	100		
42	40.1	23.4	35.0#
71	52.4	38.1	57.1



#6

bis(2-Chloroethyl)ether

Concen: 0.03 ng

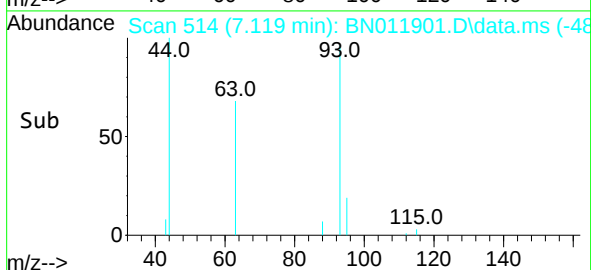
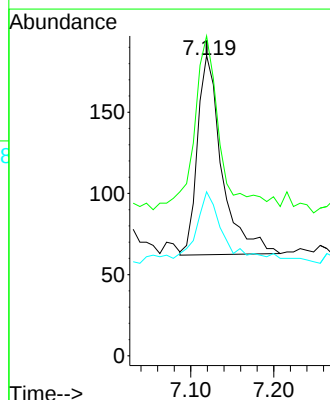
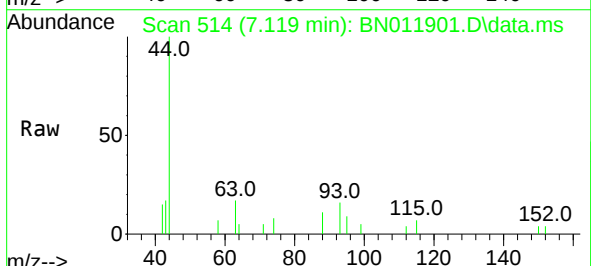
RT: 7.119 min Scan# 514

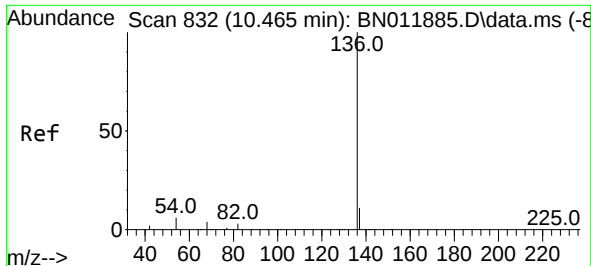
Delta R.T. 0.000 min

Lab File: BN011901.D

Acq: 24 Sep 2020 05:40

Tgt Ion:	93	Resp:	252
Ion	Ratio	Lower	Upper
93	100		
63	89.3	61.1	91.7
95	44.4	25.5	38.3#

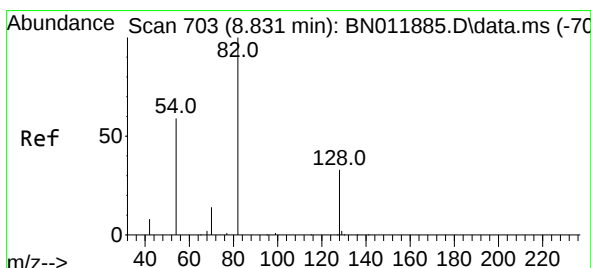
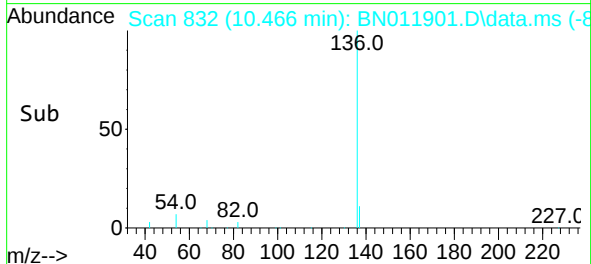
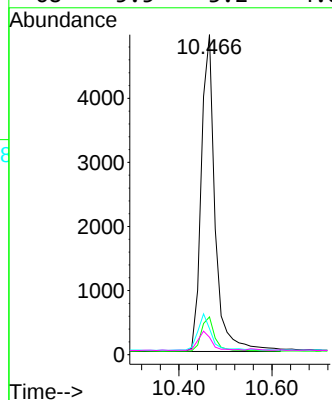
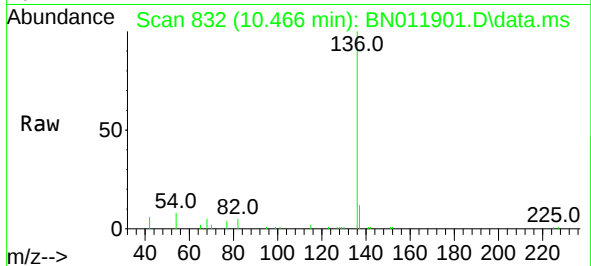




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.466 min Scan# 832
Delta R.T. 0.000 min
Lab File: BN011901.D
Acq: 24 Sep 2020 05:40

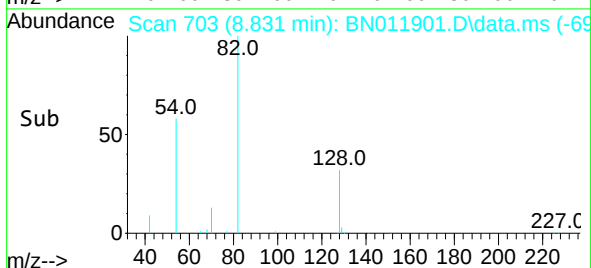
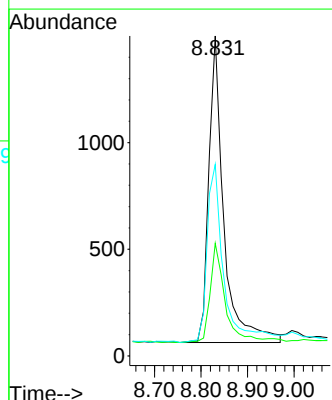
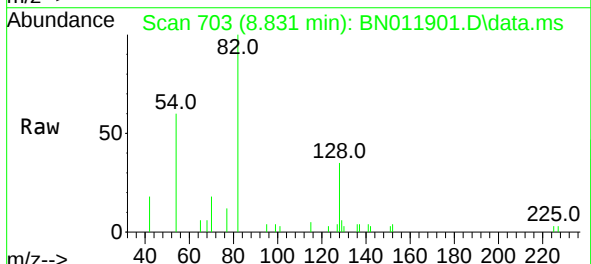
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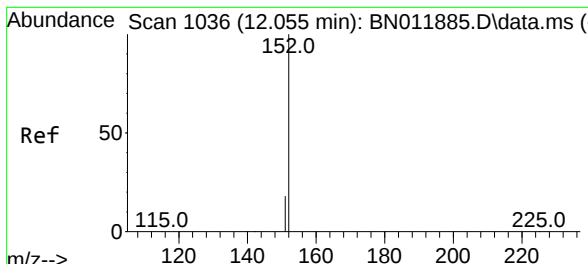
Tgt Ion:	136	Resp:	10258
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.5	14.3
54	8.1	5.6	8.4
68	5.5	3.2	4.8



#8
Nitrobenzene-d5
Concen: 0.31 ng
RT: 8.831 min Scan# 703
Delta R.T. 0.000 min
Lab File: BN011901.D
Acq: 24 Sep 2020 05:40

Tgt Ion:	82	Resp:	3236
Ion	Ratio	Lower	Upper
82	100		
128	35.2	34.2	51.2
54	59.9	43.1	64.7



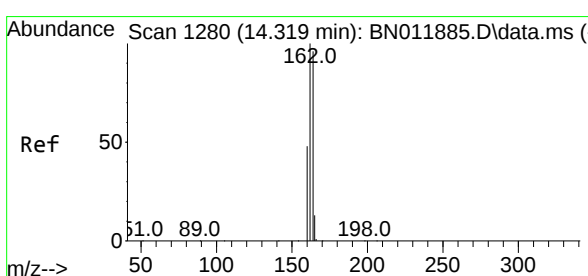
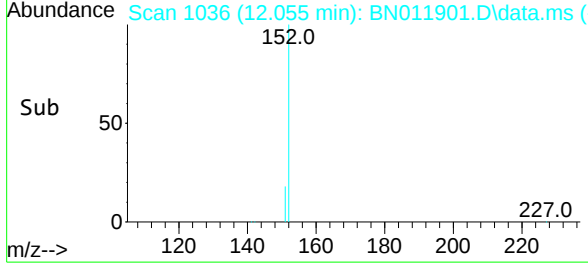
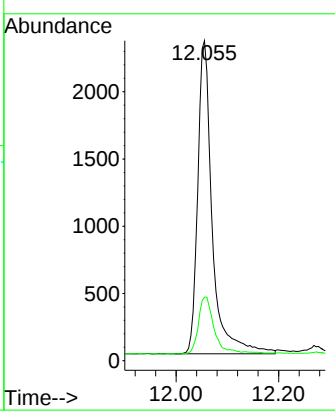
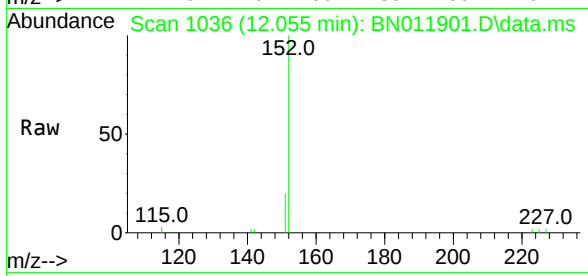


#11
 2-Methylnaphthalene-d10
 Concen: 0.28 ng
 RT: 12.055 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: BN011901.D
 Acq: 24 Sep 2020 05:40

Instrument :
 BNA_N
 ClientSampleId :
 RE120D1-20200916

Tgt Ion:152 Resp: 4584

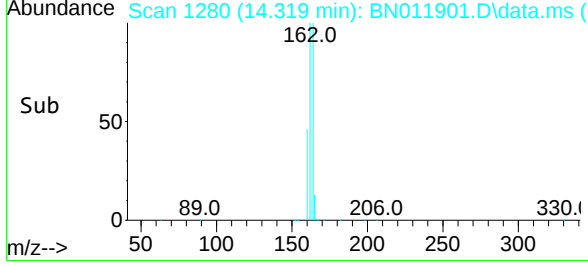
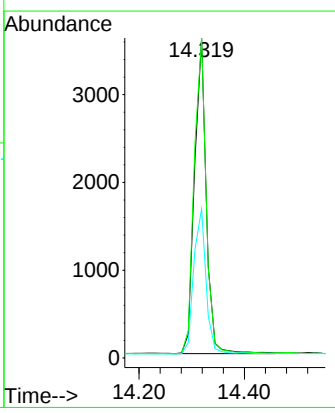
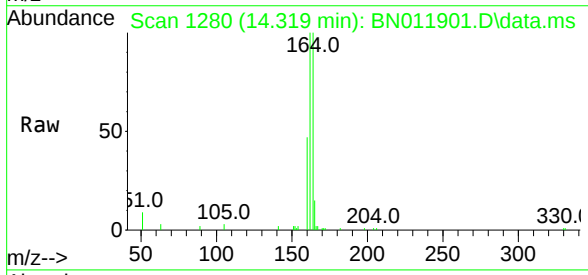
Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.7	25.1

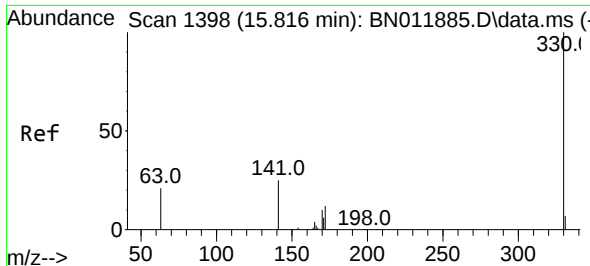


#13
 Acenaphthene-d10
 Concen: 0.40 ng
 RT: 14.319 min Scan# 1280
 Delta R.T. 0.000 min
 Lab File: BN011901.D
 Acq: 24 Sep 2020 05:40

Tgt Ion:164 Resp: 5589

Ion	Ratio	Lower	Upper
164	100		
162	100.0	83.6	125.4
160	46.6	41.2	61.8

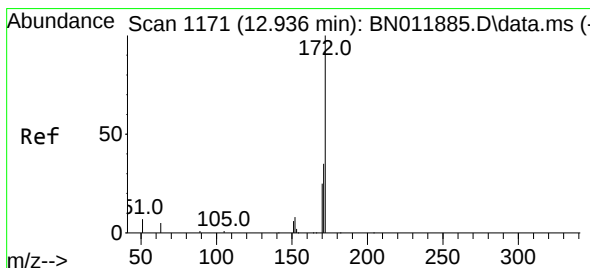
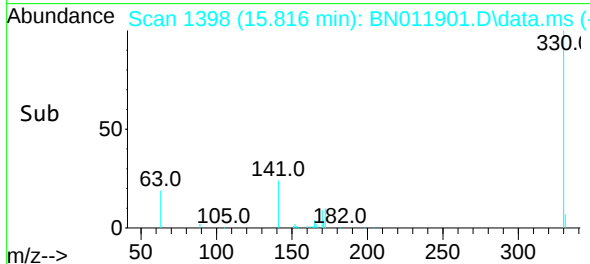
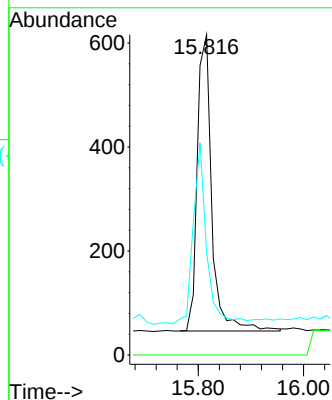
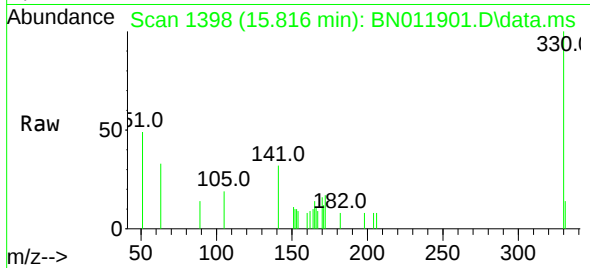




#14
2,4,6-Tribromophenol
Concen: 0.40 ng
RT: 15.816 min Scan# 1398
Delta R.T. 0.000 min
Lab File: BN011901.D
Acq: 24 Sep 2020 05:40

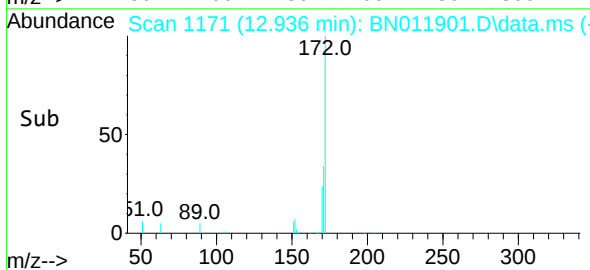
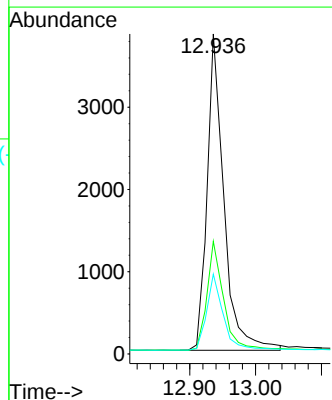
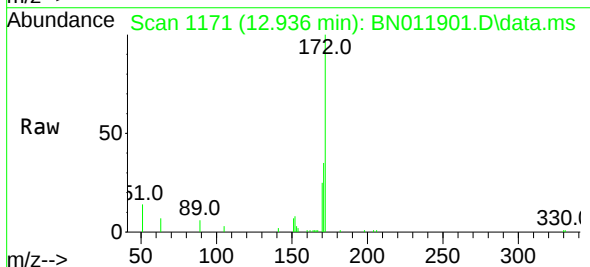
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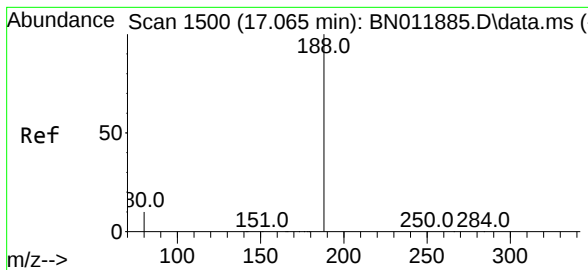
Tgt Ion:330 Resp: 1091
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 55.8 33.7 50.5#



#15
2-Fluorobiphenyl
Concen: 0.32 ng
RT: 12.936 min Scan# 1171
Delta R.T. 0.000 min
Lab File: BN011901.D
Acq: 24 Sep 2020 05:40

Tgt Ion:172 Resp: 6822
Ion Ratio Lower Upper
172 100
171 35.2 27.4 41.2
170 24.9 17.8 26.6

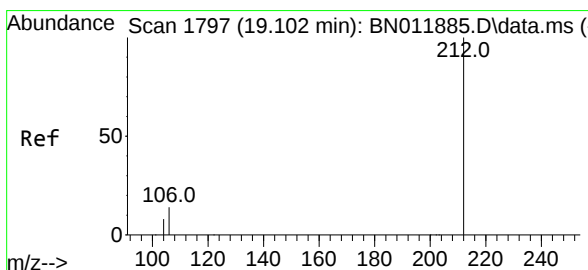
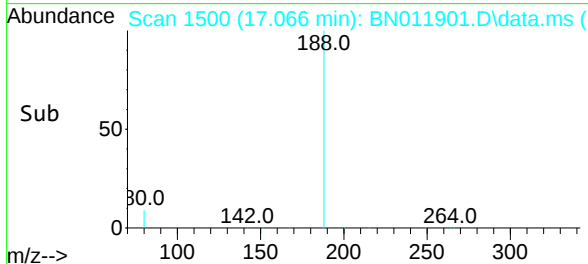
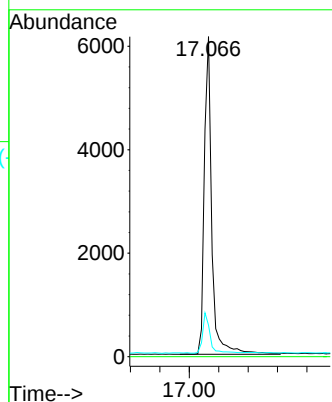
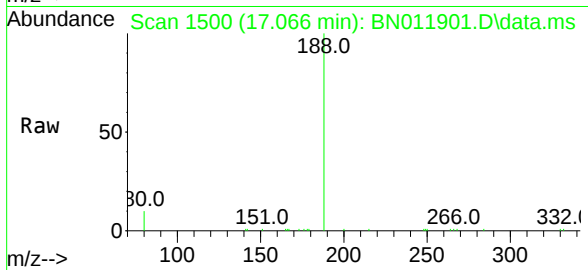




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.066 min Scan# 1500
Delta R.T. 0.000 min
Lab File: BN011901.D
Acq: 24 Sep 2020 05:40

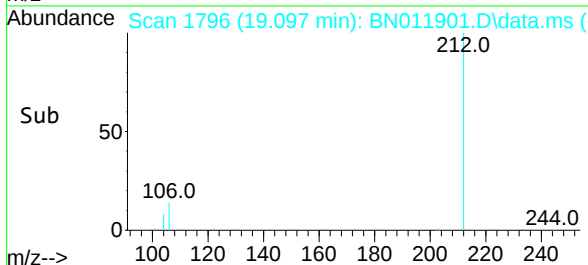
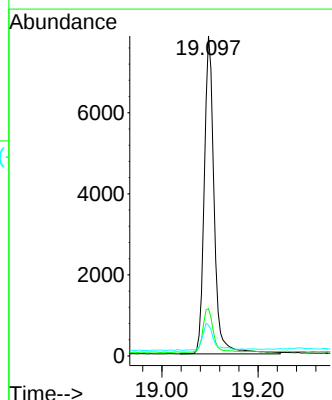
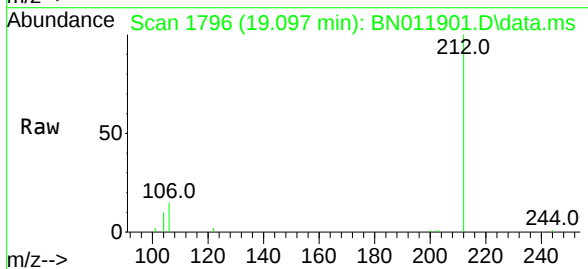
Instrument :
BNA_N
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RE120D1-20200916

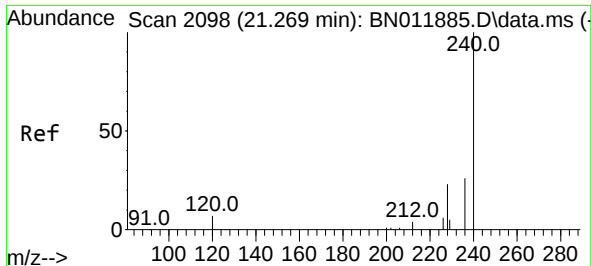
Tgt Ion:188 Resp: 10815
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.9 7.7 11.5



#27
Fluoranthene-d10
Concen: 0.35 ng
RT: 19.097 min Scan# 1796
Delta R.T. -0.005 min
Lab File: BN011901.D
Acq: 24 Sep 2020 05:40

Tgt Ion:212 Resp: 11210
Ion Ratio Lower Upper
212 100
106 14.5 6.4 9.6#
104 9.5 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: BN011901.D

Acq: 24 Sep 2020 05:40

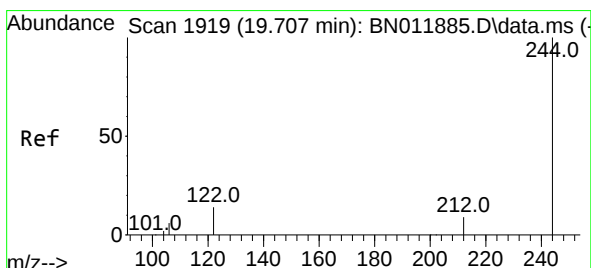
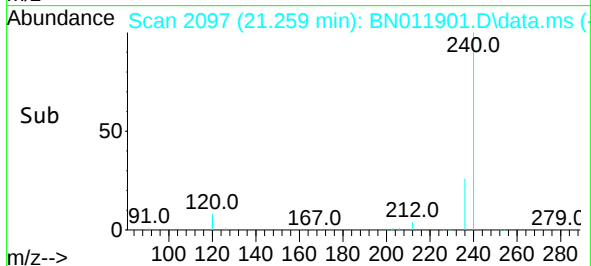
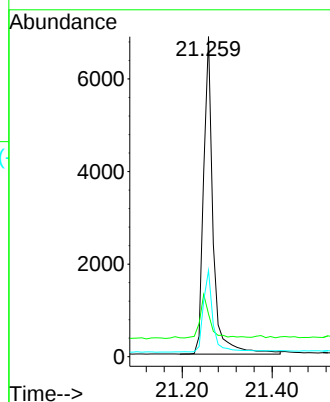
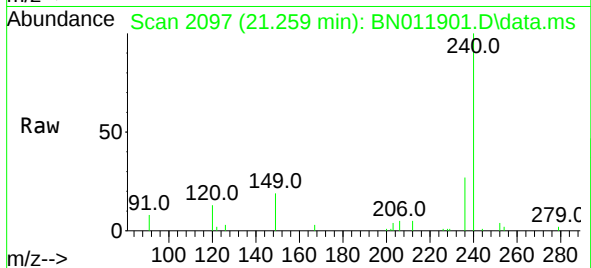
Tgt Ion:240 Resp: 10038

Ion Ratio Lower Upper

240 100

120 13.4 3.5 5.3#

236 27.0 20.5 30.7



#31

Terphenyl-d14

Concen: 0.50 ng

RT: 19.703 min Scan# 1918

Delta R.T. -0.005 min

Lab File: BN011901.D

Acq: 24 Sep 2020 05:40

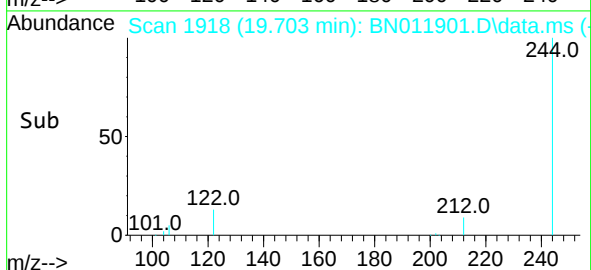
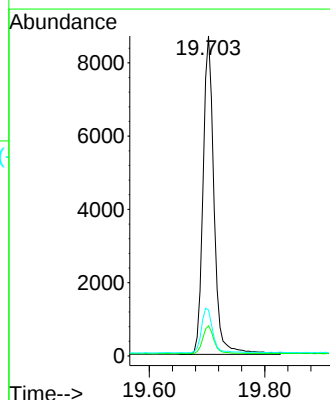
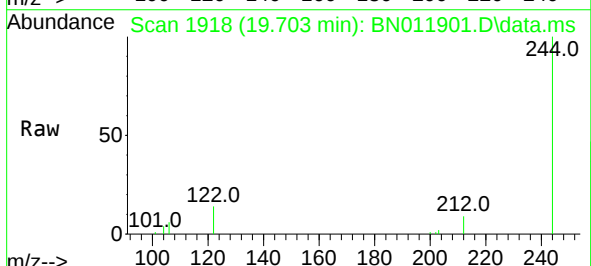
Tgt Ion:244 Resp: 11476

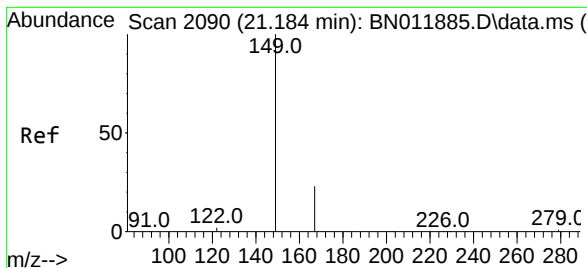
Ion Ratio Lower Upper

244 100

212 9.4 7.3 10.9

122 14.3 7.8 11.6#

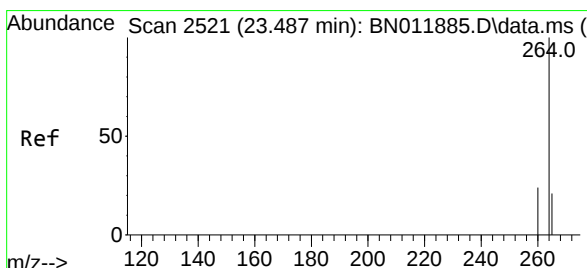
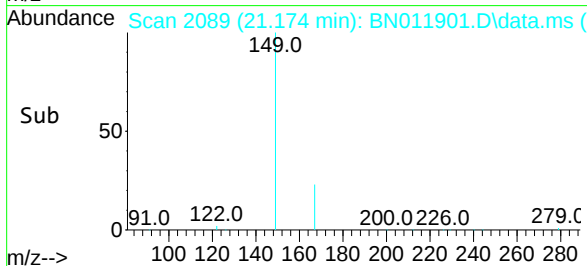
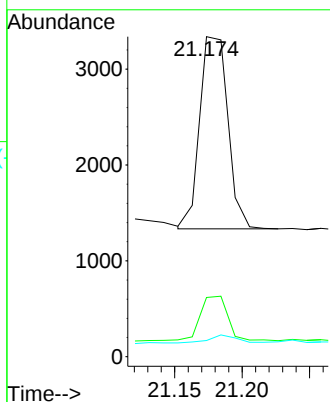
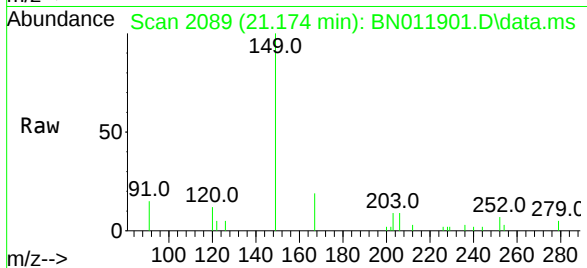




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.13 ng
 RT: 21.174 min Scan# 2089
 Delta R.T. -0.011 min
 Lab File: BN011901.D
 Acq: 24 Sep 2020 05:40

Instrument :
 BNA_N
 ClientSampleId :
 RE120D1-20200916

Tgt Ion:149 Resp: 2916
 Ion Ratio Lower Upper
 149 100
 167 22.4 23.6 35.4#
 279 3.9 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: BN011901.D
 Acq: 24 Sep 2020 05:40

Tgt Ion:264 Resp: 10363
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.6 29.4
 265 65.5 38.6 58.0#

