

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092820\
 Data File : BN012004.D
 Acq On : 29 Sep 2020 04:29
 Operator : CG/JU
 Sample : L4116-04
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 KY038PS038-200922

Quant Time: Sep 29 06:38:01 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)

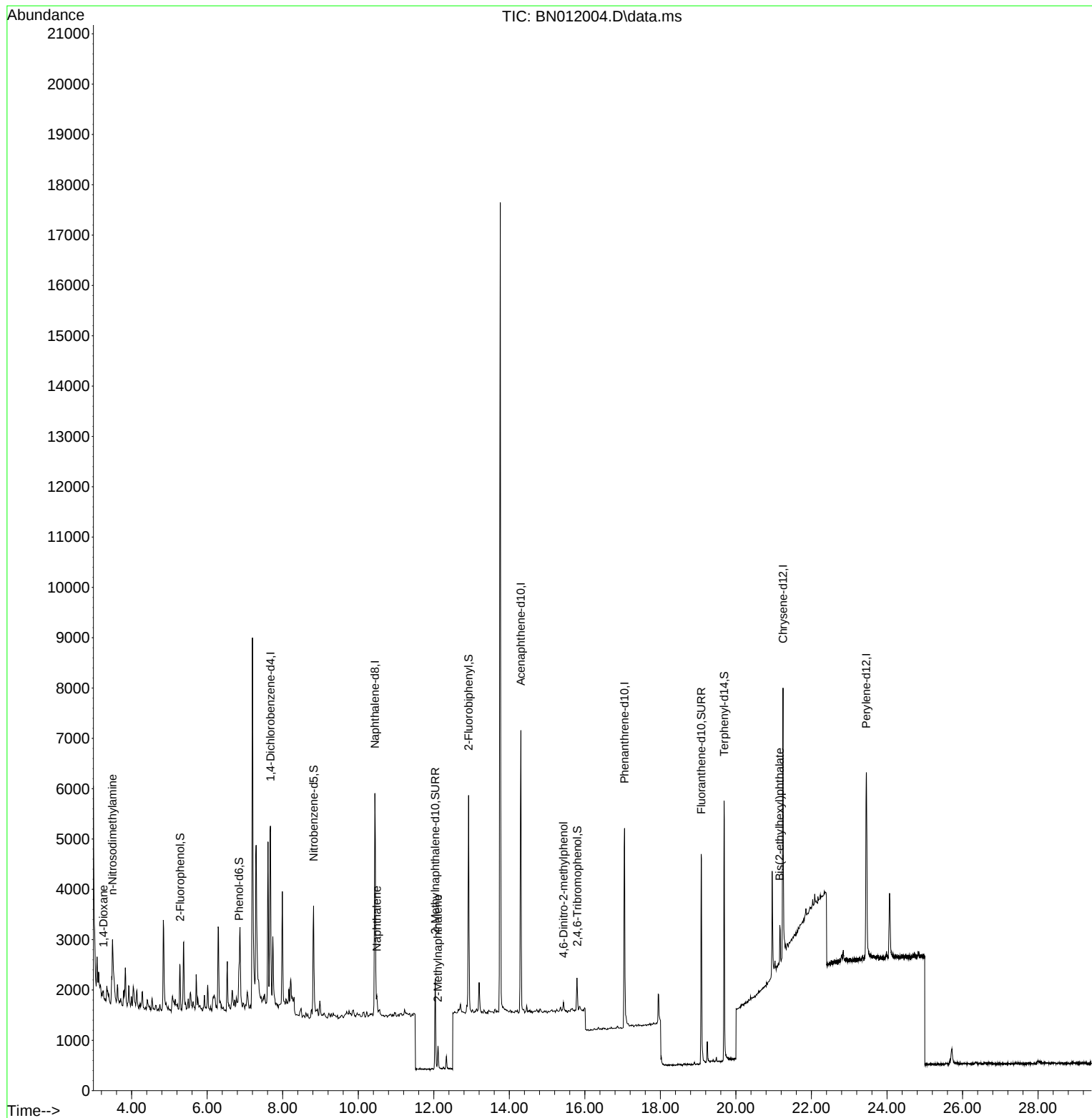
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.675	152	1431	0.40	ng	0.00
7) Naphthalene-d8	10.440	136	6199	0.40	ng	#-0.01
13) Acenaphthene-d10	14.306	164	3376	0.40	ng	0.00
19) Phenanthrene-d10	17.053	188	6510	0.40	ng	0.00
29) Chrysene-d12	21.248	240	6076	0.40	ng	#-0.01
36) Perylene-d12	23.453	264	5490	0.40	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.283	112	595	0.12	ng	0.00
5) Phenol-d6	6.845	99	454	0.07	ng	0.00
8) Nitrobenzene-d5	8.818	82	1938	0.30	ng	0.00
11) 2-Methylnaphthalene-d10	12.038	152	2508	0.26	ng	0.00
14) 2,4,6-Tribromophenol	15.803	330	433	0.26	ng	0.00
15) 2-Fluorobiphenyl	12.923	172	3650	0.29	ng	-0.01
27) Fluoranthene-d10	19.087	212	5158	0.27	ng	0.00
31) Terphenyl-d14	19.688	244	5405	0.39	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.253	88	71	0.03	ng	# 1
3) n-Nitrosodimethylamine	3.495	42	450	0.13	ng	# 1
9) Naphthalene	10.491	128	441	0.02	ng	# 55
12) 2-Methylnaphthalene	12.113	142	296	0.03	ng	# 83
20) 4,6-Dinitro-2-methylph...	15.435	198	97	0.08	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.163	149	870	0.06	ng	# 88

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

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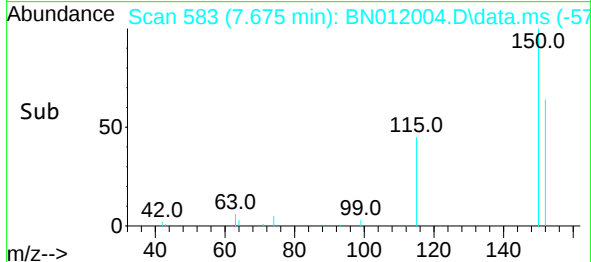
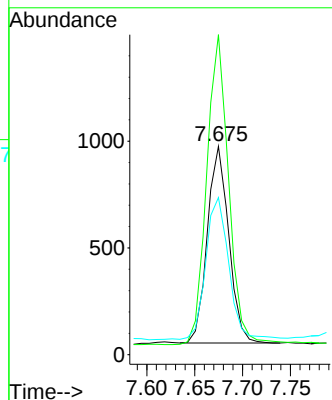
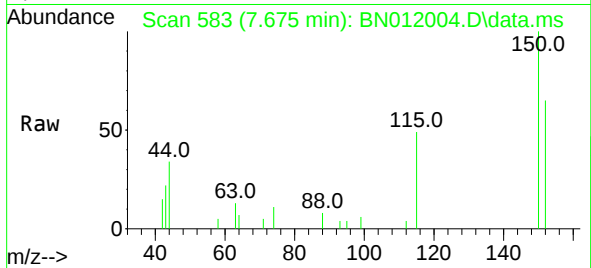




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.675 min Scan# 583
 Delta R.T. -0.008 min
 Lab File: BN012004.D
 Acq: 29 Sep 2020 04:29

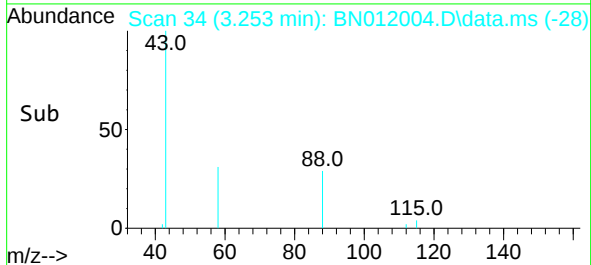
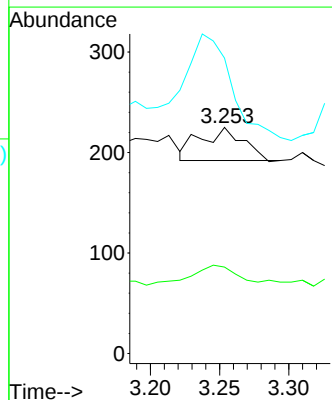
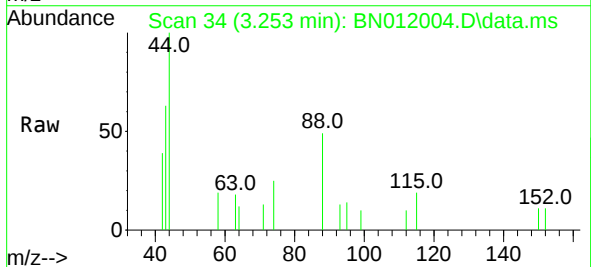
Instrument :
 BNA_N
 ClientSampleId :
 KY038PS038-200922

Tgt Ion:152 Resp: 1431
 Ion Ratio Lower Upper
 152 100
 150 153.6 118.3 177.5
 115 75.4 51.3 76.9



#2
 1,4-Dioxane
 Concen: 0.03 ng
 RT: 3.253 min Scan# 34
 Delta R.T. 0.000 min
 Lab File: BN012004.D
 Acq: 29 Sep 2020 04:29

Tgt Ion: 88 Resp: 71
 Ion Ratio Lower Upper
 88 100
 58 77.5 63.3 94.9
 43 340.8 33.0 49.4#

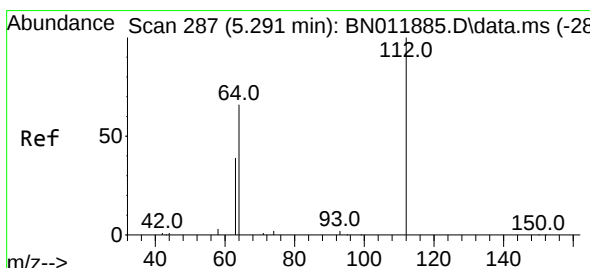
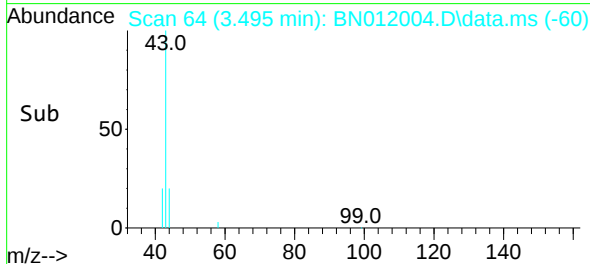
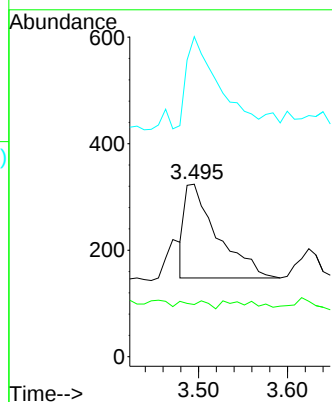
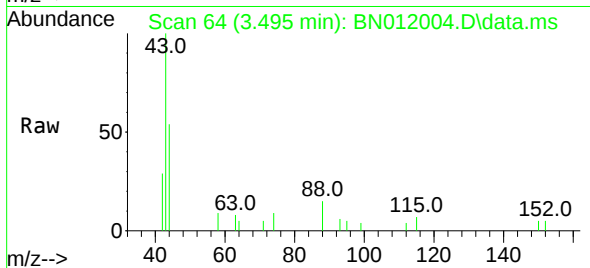




#3
n-Nitrosodimethylamine
Concen: 0.13 ng
RT: 3.495 min Scan# 64
Delta R.T. -0.064 min
Lab File: BN012004.D
Acq: 29 Sep 2020 04:29

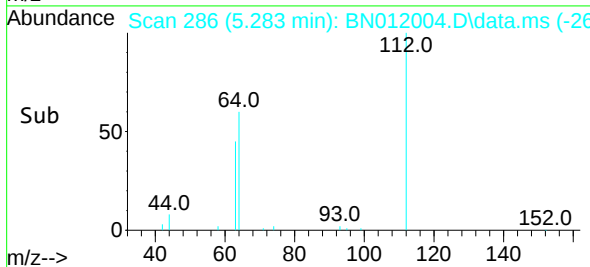
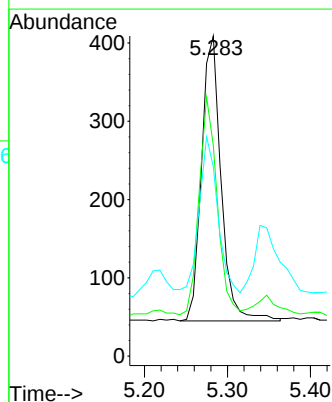
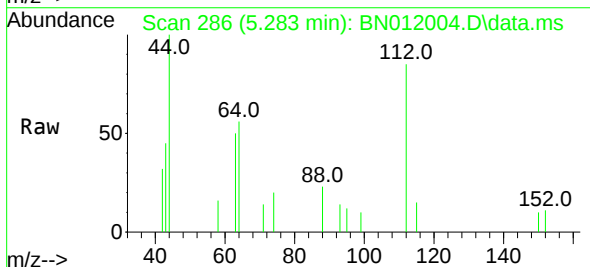
Instrument :
BNA_N
ClientSampleId :
KY038PS038-200922

Tgt Ion: 42 Resp: 450
Ion Ratio Lower Upper
42 100
74 2.2 64.4 96.6#
44 96.9 6.7 10.1#



#4
2-Fluorophenol
Concen: 0.12 ng
RT: 5.283 min Scan# 286
Delta R.T. 0.000 min
Lab File: BN012004.D
Acq: 29 Sep 2020 04:29

Tgt Ion: 112 Resp: 595
Ion Ratio Lower Upper
112 100
64 70.4 49.0 73.6
63 53.1 31.8 47.6#

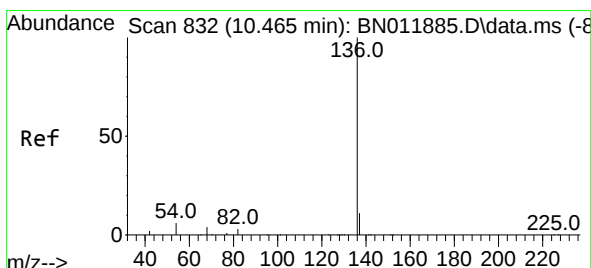
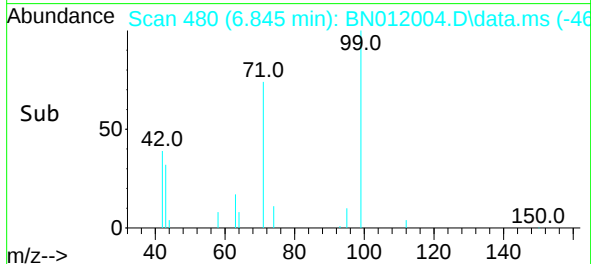
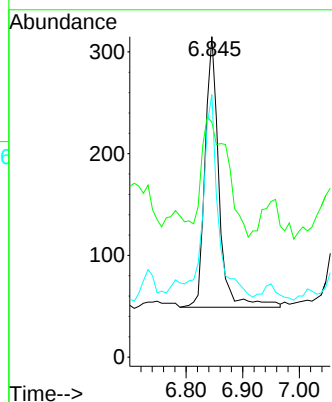
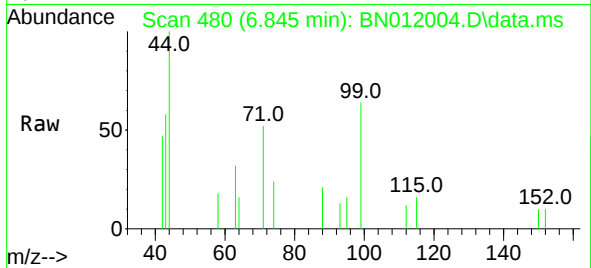




#5
Phenol-d6
Concen: 0.07 ng
RT: 6.845 min Scan# 480
Delta R.T. -0.008 min
Lab File: BN012004.D
Acq: 29 Sep 2020 04:29

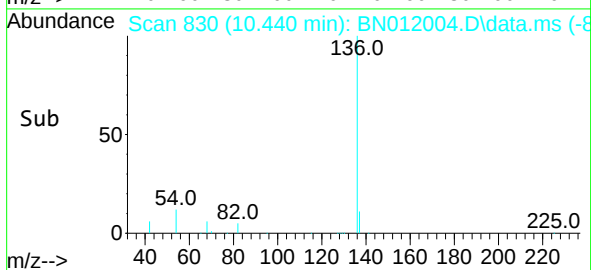
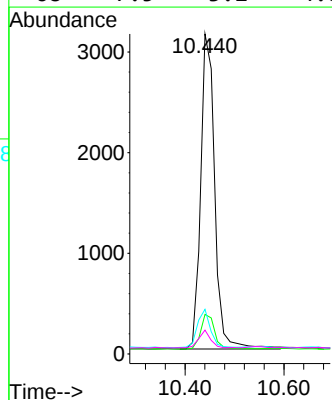
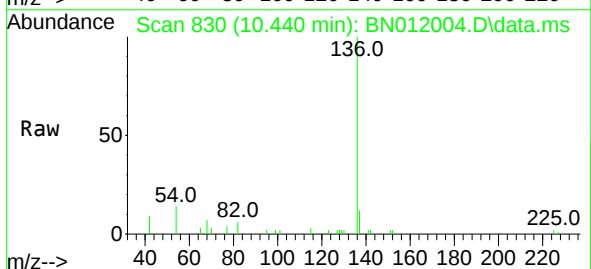
Instrument :
BNA_N
ClientSampleId :
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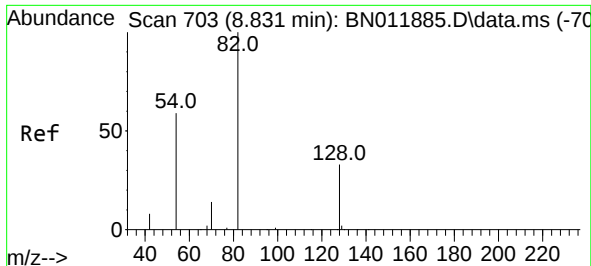
Tgt Ion: 99 Resp: 454
Ion Ratio Lower Upper
99 100
42 80.4 23.4 35.0#
71 80.0 38.1 57.1#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.440 min Scan# 830
Delta R.T. -0.013 min
Lab File: BN012004.D
Acq: 29 Sep 2020 04:29

Tgt Ion: 136 Resp: 6199
Ion Ratio Lower Upper
136 100
137 12.4 9.5 14.3
54 14.0 5.6 8.4#
68 7.5 3.2 4.8#

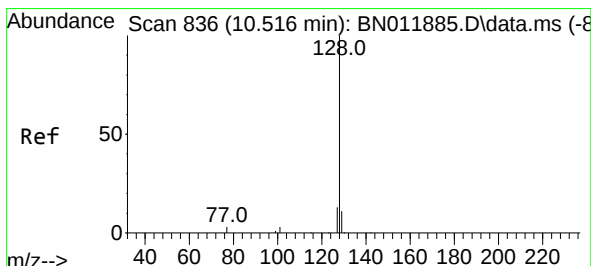
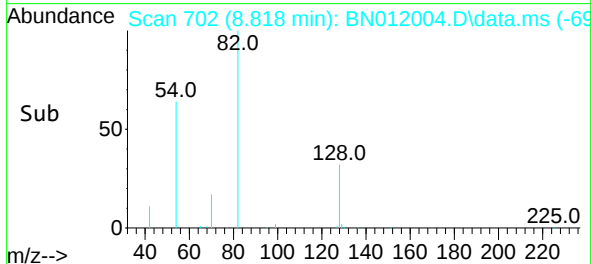
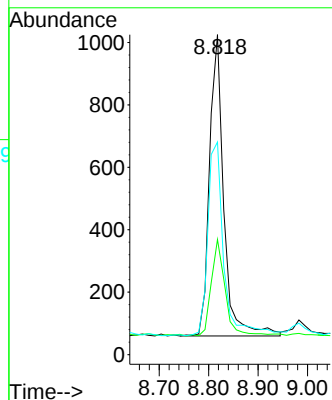
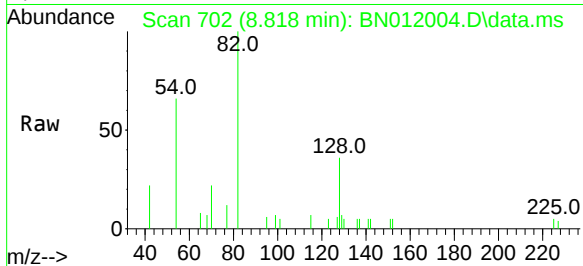




#8
Nitrobenzene-d5
Concen: 0.30 ng
RT: 8.818 min Scan# 702
Delta R.T. 0.000 min
Lab File: BN012004.D
Acq: 29 Sep 2020 04:29

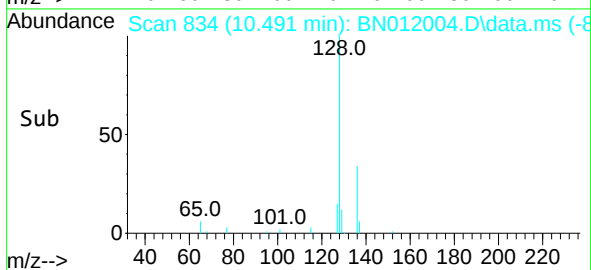
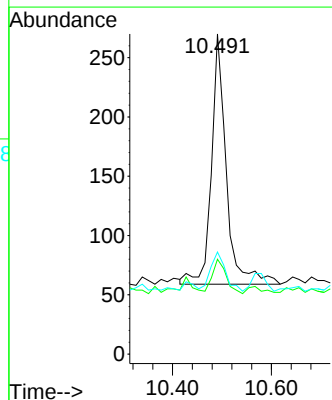
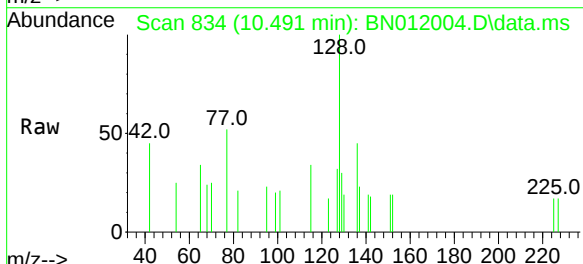
Instrument :
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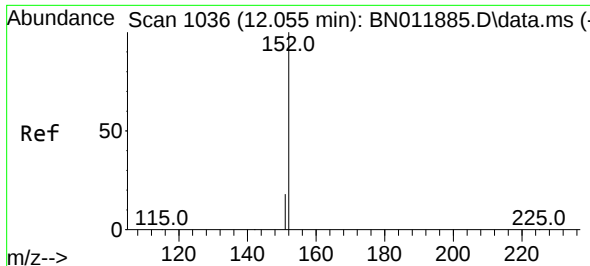
Tgt Ion: 82 Resp: 1938
Ion Ratio Lower Upper
82 100
128 36.0 34.2 51.2
54 66.4 43.1 64.7#



#9
Naphthalene
Concen: 0.02 ng
RT: 10.491 min Scan# 834
Delta R.T. -0.013 min
Lab File: BN012004.D
Acq: 29 Sep 2020 04:29

Tgt Ion: 128 Resp: 441
Ion Ratio Lower Upper
128 100
129 29.6 9.7 14.5#
127 31.9 11.0 16.4#

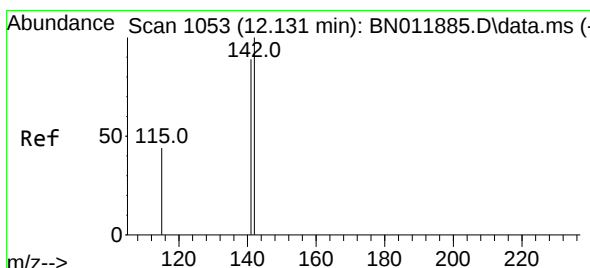
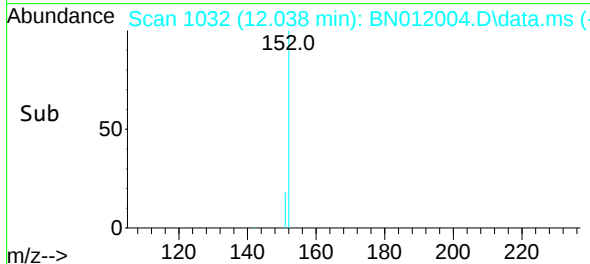
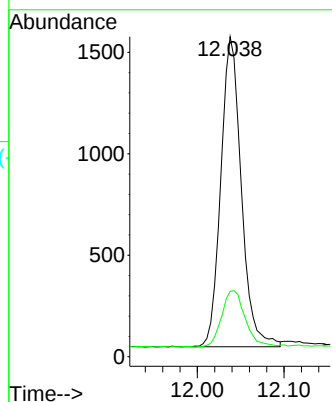
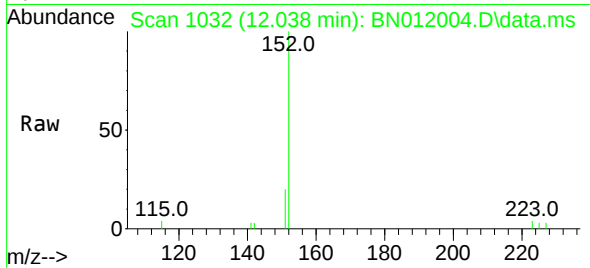




#11
2-Methylnaphthalene-d10
Concen: 0.26 ng
RT: 12.038 min Scan# 1032
Delta R.T. -0.009 min
Lab File: BN012004.D
Acq: 29 Sep 2020 04:29

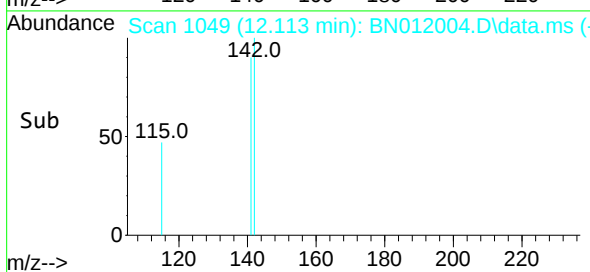
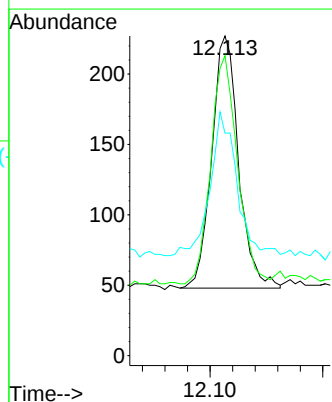
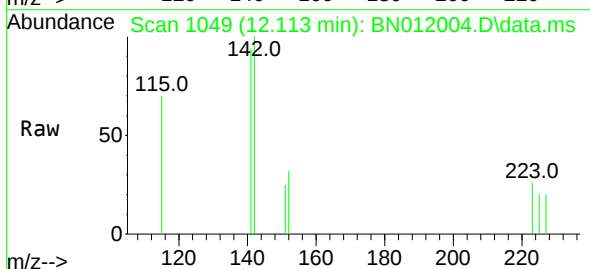
Instrument :
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ClientSampleId :
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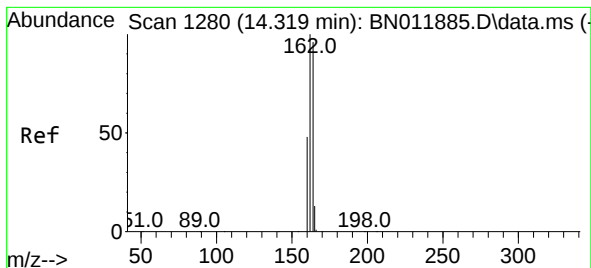
Tgt Ion:152 Resp: 2508
Ion Ratio Lower Upper
152 100
151 21.1 16.7 25.1



#12
2-Methylnaphthalene
Concen: 0.03 ng
RT: 12.113 min Scan# 1049
Delta R.T. -0.009 min
Lab File: BN012004.D
Acq: 29 Sep 2020 04:29

Tgt Ion:142 Resp: 296
Ion Ratio Lower Upper
142 100
141 93.8 70.0 105.0
115 69.6 35.8 53.6#

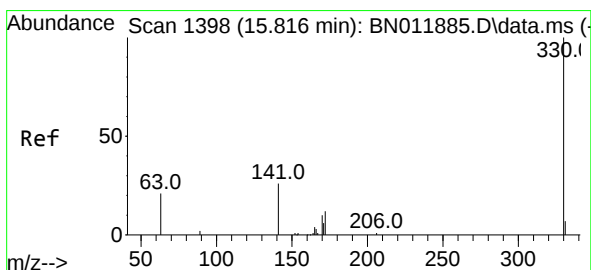
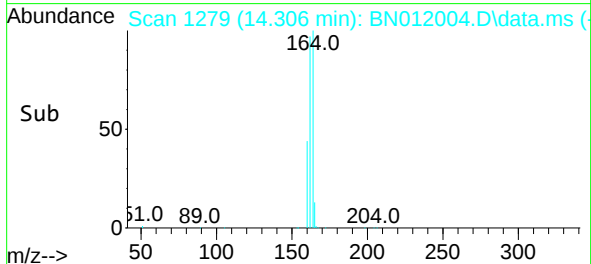
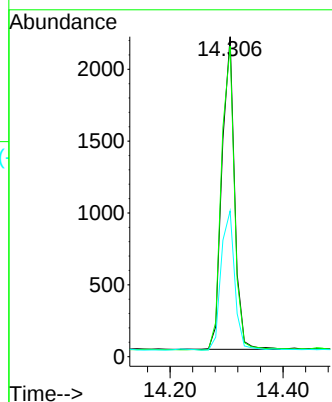
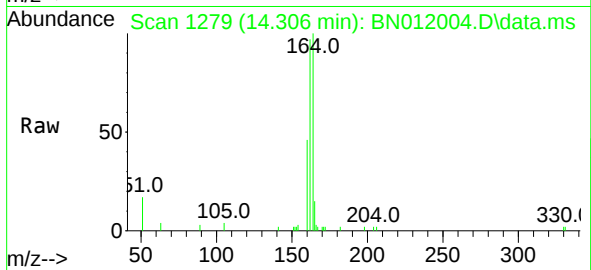




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.306 min Scan# 1279
Delta R.T. 0.000 min
Lab File: BN012004.D
Acq: 29 Sep 2020 04:29

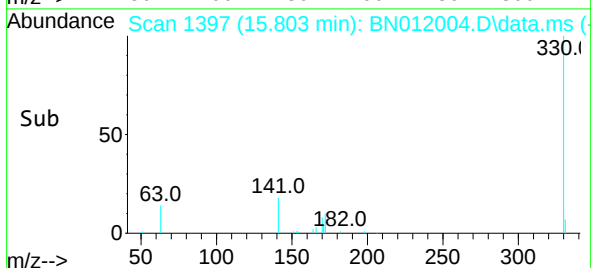
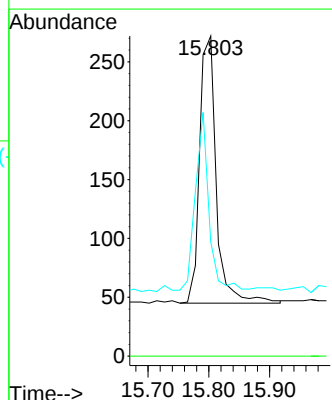
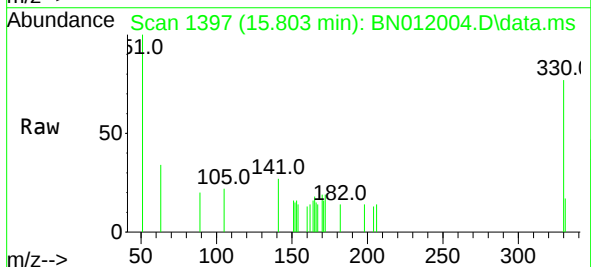
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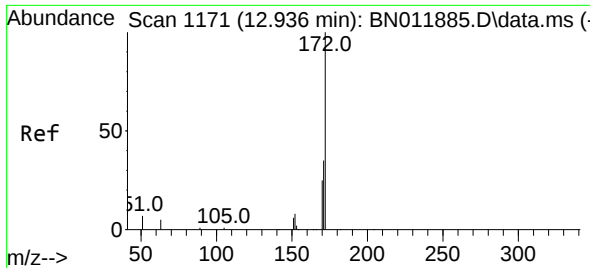
Tgt Ion:164 Resp: 3376
Ion Ratio Lower Upper
164 100
162 97.0 83.6 125.4
160 45.5 41.2 61.8



#14
2,4,6-Tribromophenol
Concen: 0.26 ng
RT: 15.803 min Scan# 1397
Delta R.T. 0.000 min
Lab File: BN012004.D
Acq: 29 Sep 2020 04:29

Tgt Ion:330 Resp: 433
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 53.3 33.7 50.5#

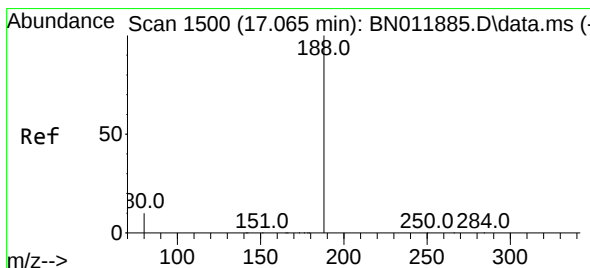
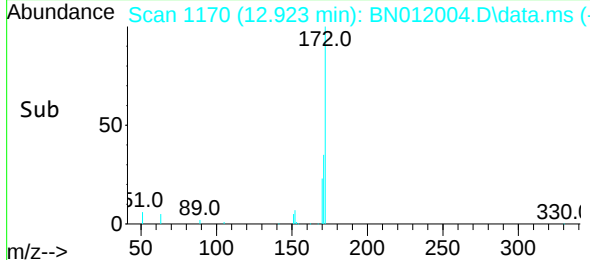
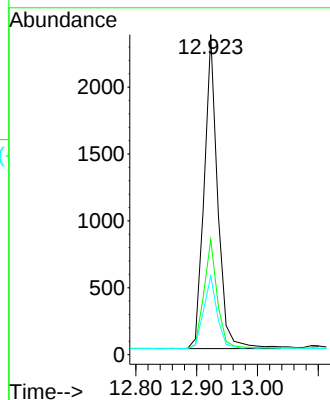
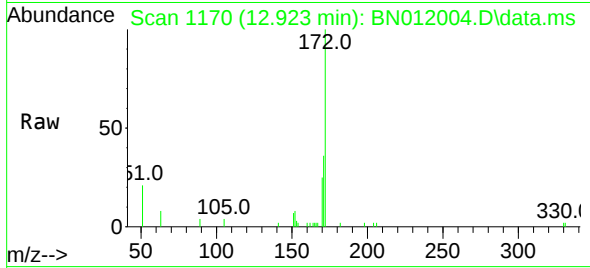




#15
2-Fluorobiphenyl
Concen: 0.29 ng
RT: 12.923 min Scan# 1170
Delta R.T. -0.013 min
Lab File: BN012004.D
Acq: 29 Sep 2020 04:29

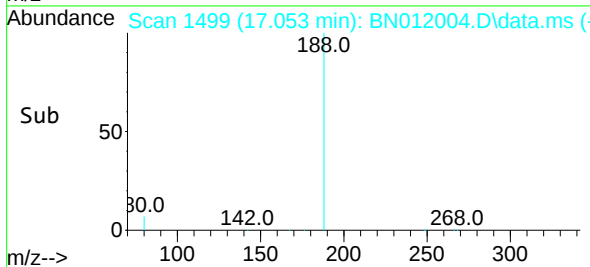
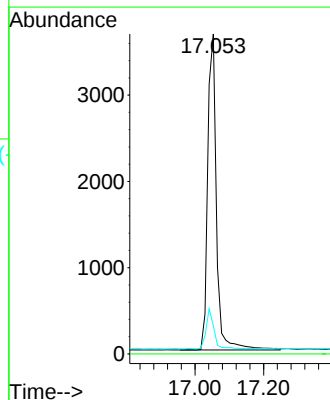
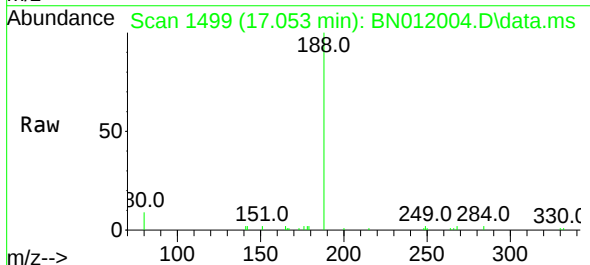
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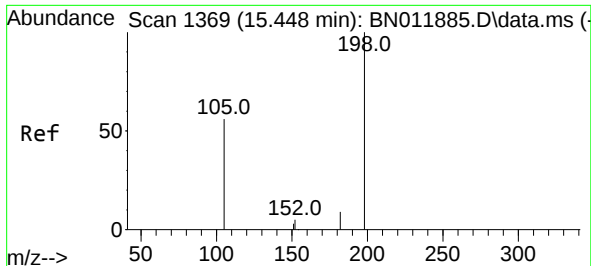
Tgt Ion:	172	Resp:	3650
Ion Ratio	Lower	Upper	
172	100		
171	36.0	27.4	41.2
170	24.6	17.8	26.6



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.053 min Scan# 1499
Delta R.T. 0.000 min
Lab File: BN012004.D
Acq: 29 Sep 2020 04:29

Tgt Ion:	188	Resp:	6510
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	8.8	7.7	11.5

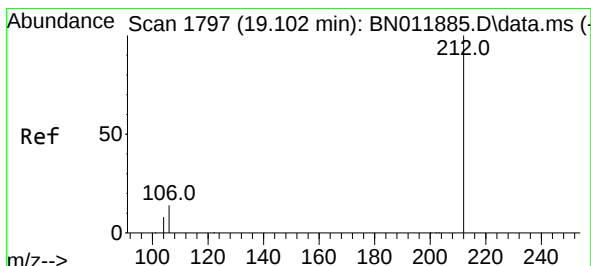
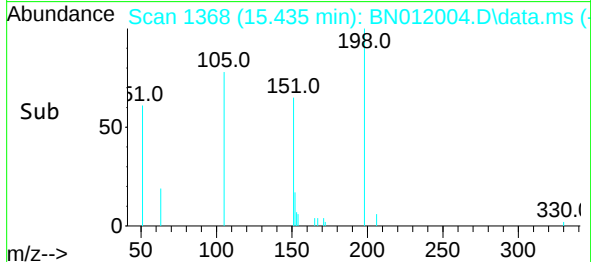
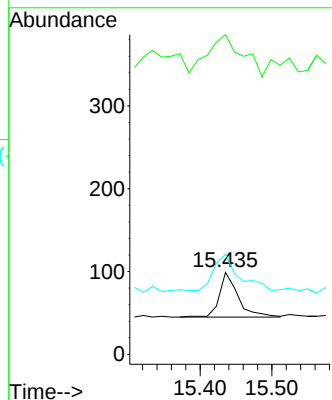
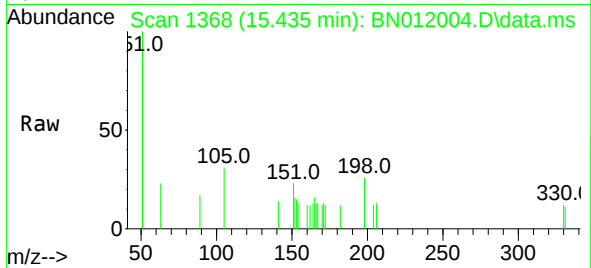




#20
4,6-Dinitro-2-methylphenol
Concen: 0.08 ng
RT: 15.435 min Scan# 1368
Delta R.T. -0.013 min
Lab File: BN012004.D
Acq: 29 Sep 2020 04:29

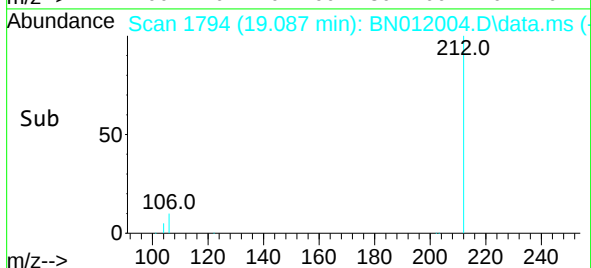
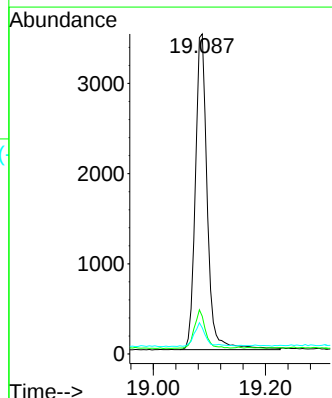
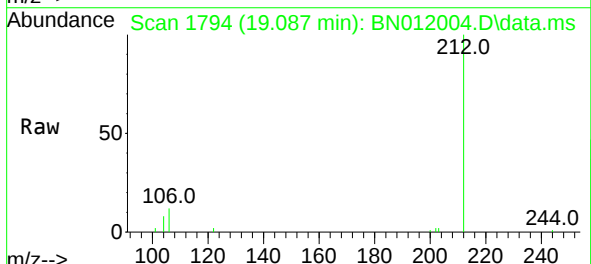
Instrument :
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ClientSampleId :
KY038PS038-200922

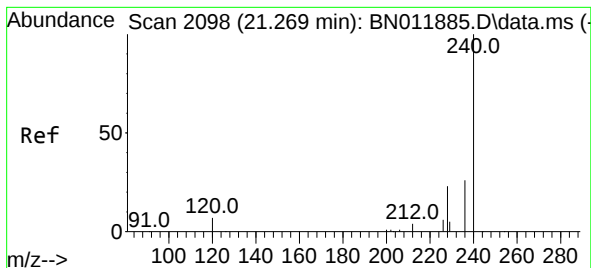
Tgt Ion:198 Resp: 97
Ion Ratio Lower Upper
198 100
51 389.9 45.0 67.4#
105 122.2 30.4 45.6#



#27
Fluoranthene-d10
Concen: 0.27 ng
RT: 19.087 min Scan# 1794
Delta R.T. -0.005 min
Lab File: BN012004.D
Acq: 29 Sep 2020 04:29

Tgt Ion:212 Resp: 5158
Ion Ratio Lower Upper
212 100
106 11.4 6.4 9.6#
104 6.6 3.9 5.9#





#29

Chrysene-d12

Concen: 0.40 ng

RT: 21.248 min Scan# 2096

Delta R.T. -0.011 min

Lab File: BN012004.D

Acq: 29 Sep 2020 04:29

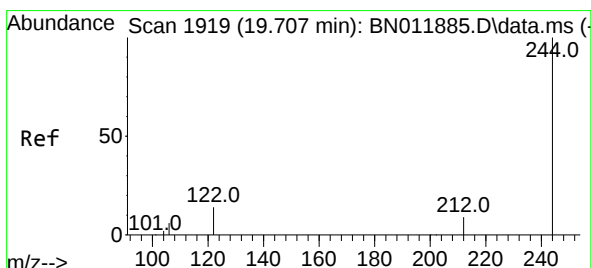
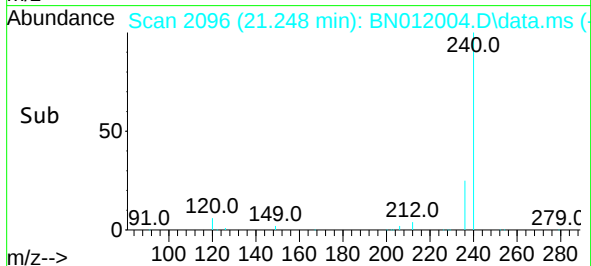
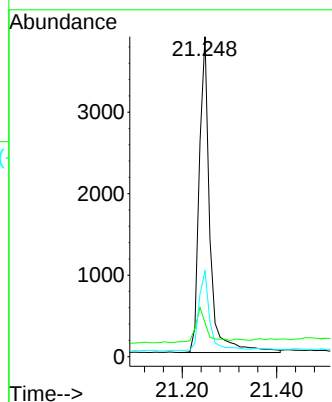
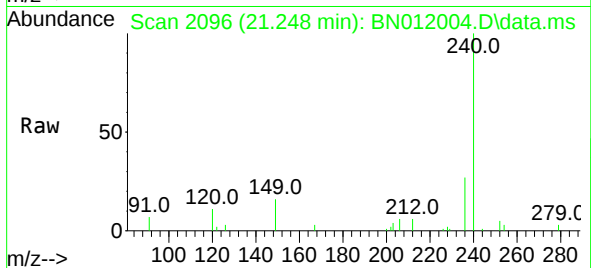
Tgt Ion:240 Resp: 6076

Ion Ratio Lower Upper

240 100

120 10.6 3.5 5.3#

236 26.8 20.5 30.7



#31

Terphenyl-d14

Concen: 0.39 ng

RT: 19.688 min Scan# 1915

Delta R.T. -0.010 min

Lab File: BN012004.D

Acq: 29 Sep 2020 04:29

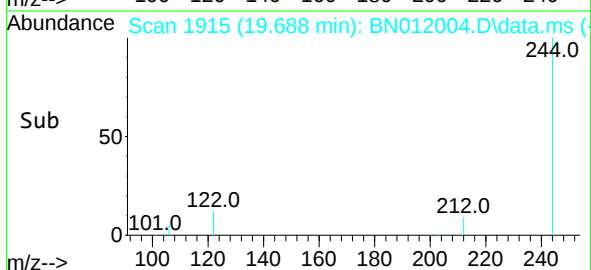
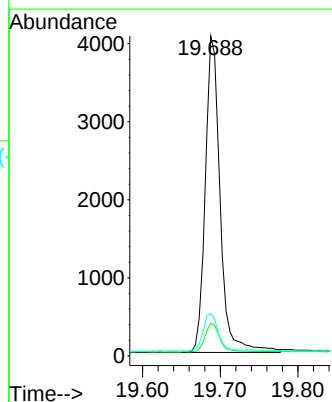
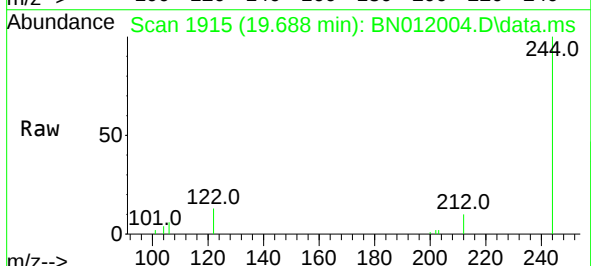
Tgt Ion:244 Resp: 5405

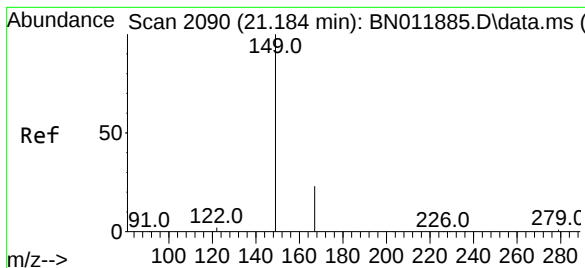
Ion Ratio Lower Upper

244 100

212 10.2 7.3 10.9

122 13.3 7.8 11.6#

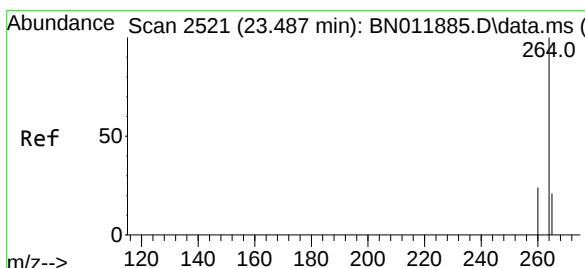
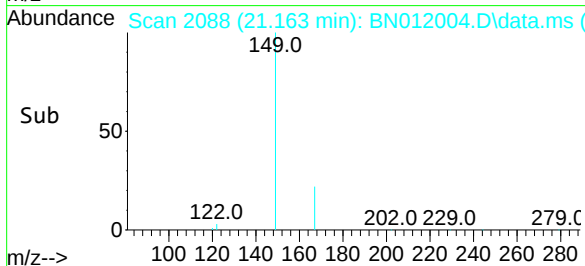
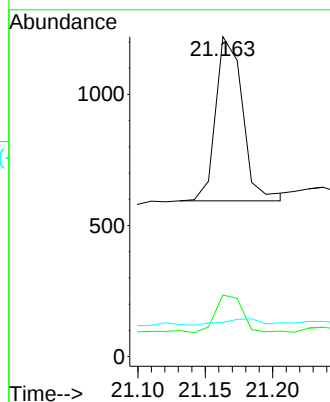
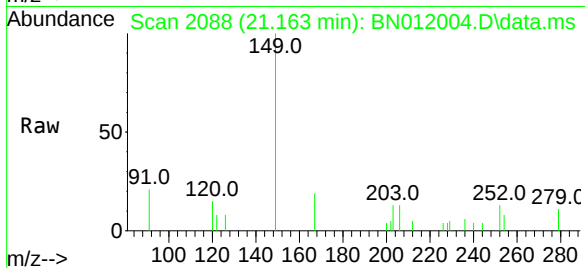




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.06 ng
 RT: 21.163 min Scan# 2088
 Delta R.T. -0.011 min
 Lab File: BN012004.D
 Acq: 29 Sep 2020 04:29

Instrument :
 BNA_N
 ClientSampleId :
 KY038PS038-200922

Tgt Ion:149 Resp: 870
 Ion Ratio Lower Upper
 149 100
 167 23.6 23.6 35.4#
 279 0.0 4.0 6.0#



#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.453 min Scan# 2511
 Delta R.T. -0.017 min
 Lab File: BN012004.D
 Acq: 29 Sep 2020 04:29

Tgt Ion:264 Resp: 5490
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.6 29.4
 265 72.6 38.6 58.0#

