

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122220\
 Data File : BN013253.D
 Acq On : 22 Dec 2020 01:17
 Operator : CG/JU
 Sample : L5123-10
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW201D1-20201213

Quant Time: Dec 22 02:15:36 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 18 16:11:20 2020
 Response via : Initial Calibration

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

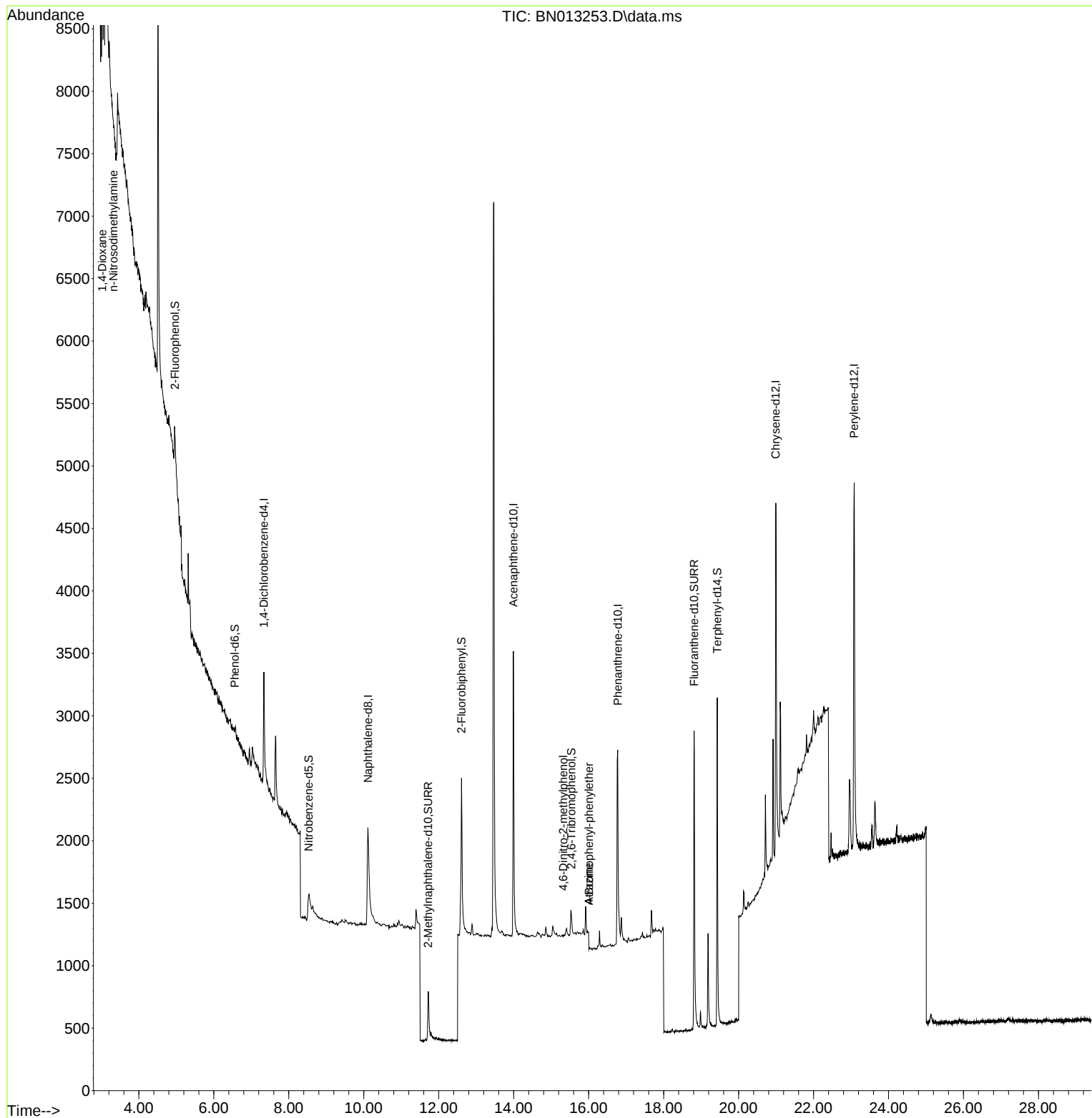
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.338	152	652	0.40	ng	0.00
7) Naphthalene-d8	10.112	136	2171	0.40	ng	# 0.00
13) Acenaphthene-d10	13.991	164	1460	0.40	ng	-0.01
19) Phenanthrene-d10	16.775	188	3149	0.40	ng	# 0.00
29) Chrysene-d12	20.992	240	3728	0.40	ng	#-0.01
36) Perylene-d12	23.083	264	4226	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	4.962	112	246	0.09	ng	0.00
5) Phenol-d6	6.557	99	123	0.05	ng	0.00
8) Nitrobenzene-d5	8.528	82	533	0.24	ng	0.00
11) 2-Methylnaphthalene-d10	11.720	152	845	0.22	ng	0.00
14) 2,4,6-Tribromophenol	15.539	330	230	0.25	ng	0.00
15) 2-Fluorobiphenyl	12.608	172	1446	0.24	ng	-0.03
27) Fluoranthene-d10	18.813	212	3687	0.36	ng	0.00
31) Terphenyl-d14	19.429	244	3195	0.34	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.021	88	36	0.03	ng	# 1
3) n-Nitrosodimethylamine	3.319	42	49	0.03	ng	# 41
20) 4,6-Dinitro-2-methylph...	15.323	198	1	0.19	ng	# 1
21) 4-Bromophenyl-phenylether	16.008	248	101	0.16	ng	# 75
23) Atrazine	16.008	200	238	0.13	ng	# 1
34) Bis(2-ethylhexyl)phtha...	20.918	149	824	Below	Cal	93

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

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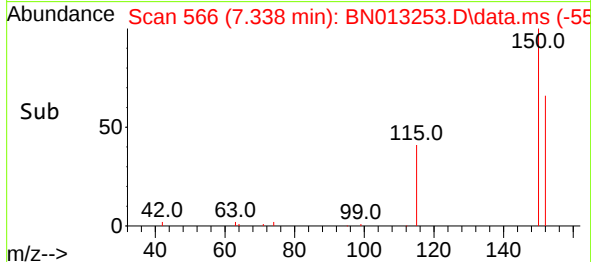
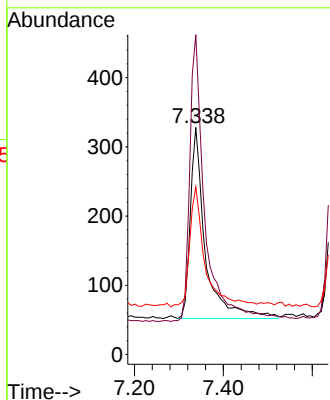
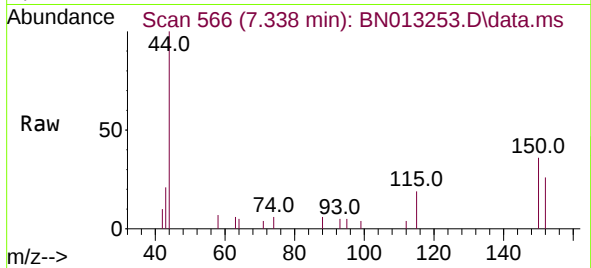




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.338 min Scan# 566
Delta R.T. -0.008 min
Lab File: BN013253.D
Acq: 22 Dec 2020 01:17

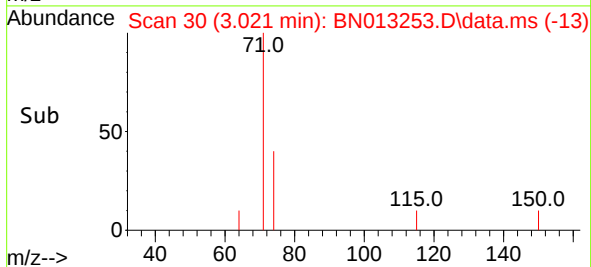
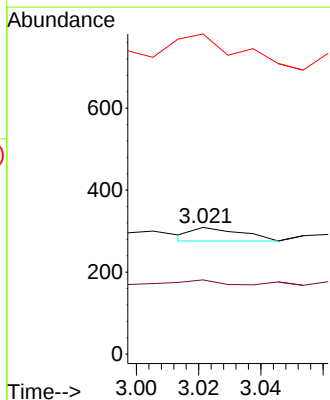
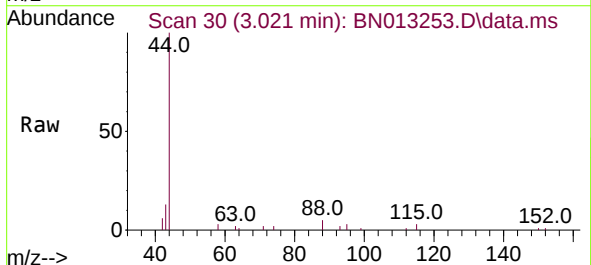
Instrument :
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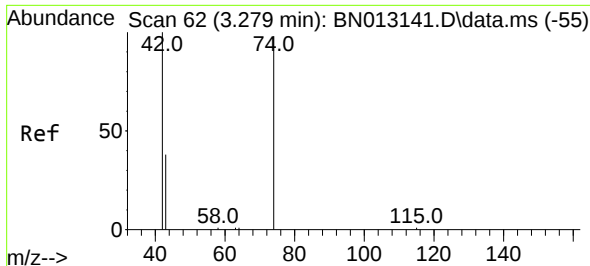
Tgt Ion:152 Resp: 652
Ion Ratio Lower Upper
152 100
150 140.9 116.6 174.8
115 73.8 52.9 79.3



#2
1,4-Dioxane
Concen: 0.03 ng
RT: 3.021 min Scan# 30
Delta R.T. 0.089 min
Lab File: BN013253.D
Acq: 22 Dec 2020 01:17

Tgt Ion: 88 Resp: 36
Ion Ratio Lower Upper
88 100
58 38.9 59.4 89.2#
43 522.2 32.3 48.5#

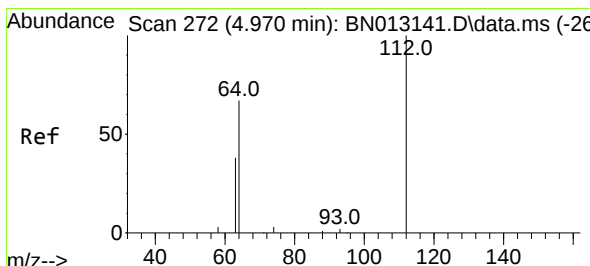
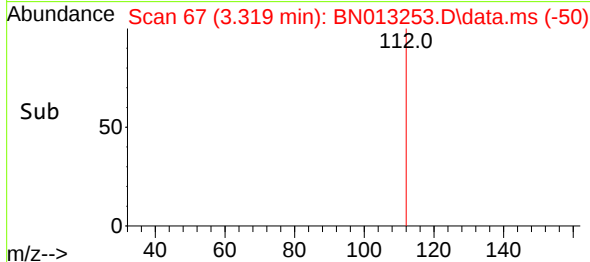
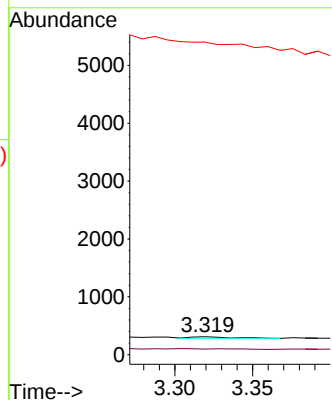
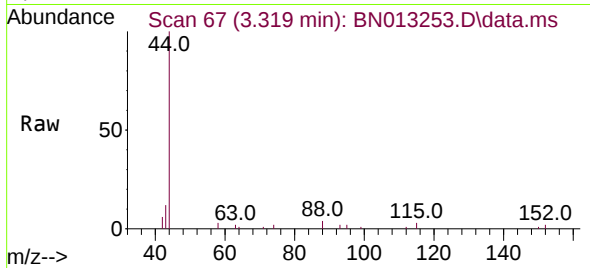




#3
n-Nitrosodimethylamine
Concen: 0.03 ng
RT: 3.319 min Scan# 67
Delta R.T. 0.040 min
Lab File: BN013253.D
Acq: 22 Dec 2020 01:17

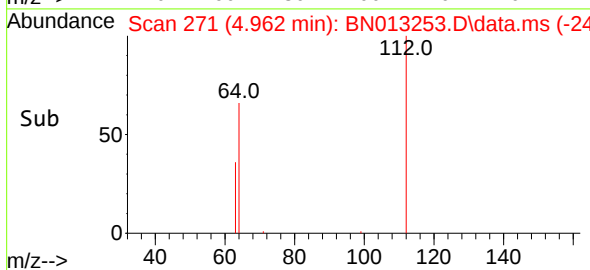
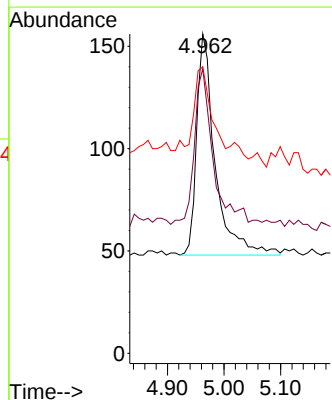
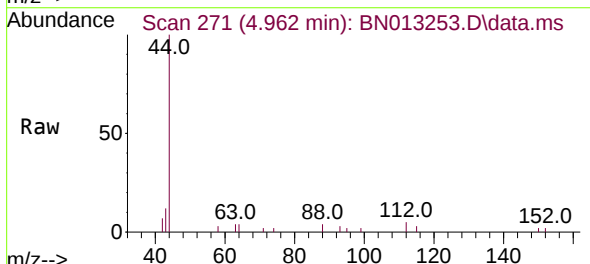
Instrument :
BNA_N
ClientSampleId :
MW201D1-20201213

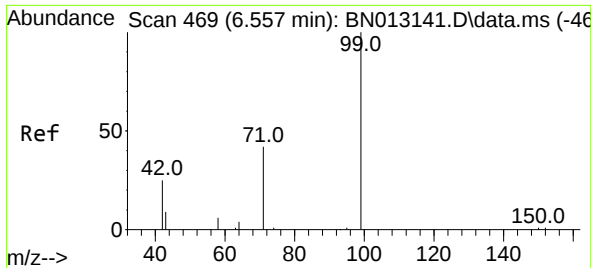
Tgt Ion: 42 Resp: 49
Ion Ratio Lower Upper
42 100
74 26.5 64.4 96.6#
44 0.0 2.8 4.2#



#4
2-Fluorophenol
Concen: 0.09 ng
RT: 4.962 min Scan# 271
Delta R.T. 0.000 min
Lab File: BN013253.D
Acq: 22 Dec 2020 01:17

Tgt Ion: 112 Resp: 246
Ion Ratio Lower Upper
112 100
64 70.7 49.5 74.3
63 33.7 32.0 48.0

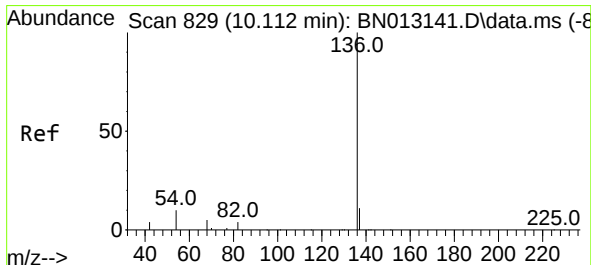
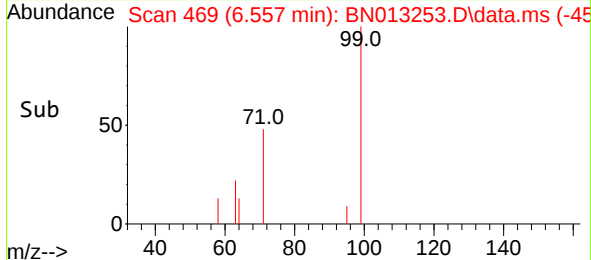
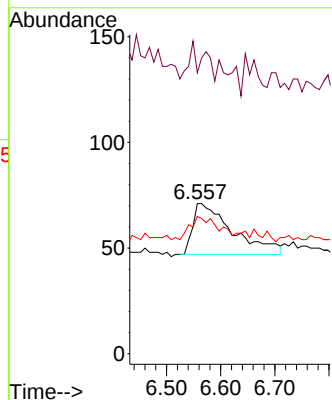
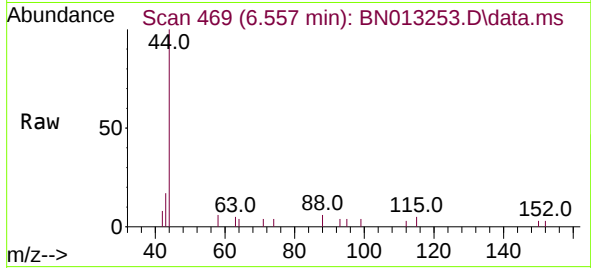




#5
Phenol-d6
Concen: 0.05 ng
RT: 6.557 min Scan# 469
Delta R.T. 0.008 min
Lab File: BN013253.D
Acq: 22 Dec 2020 01:17

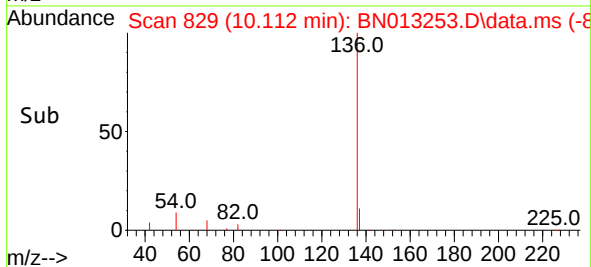
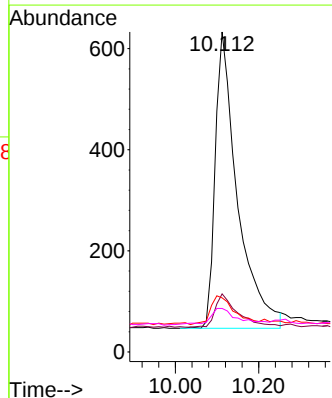
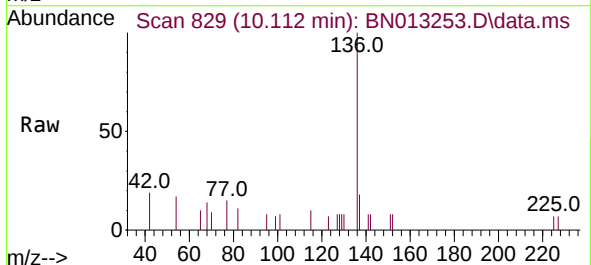
Instrument :
BNA_N
ClientSampleId :
MW201D1-20201213

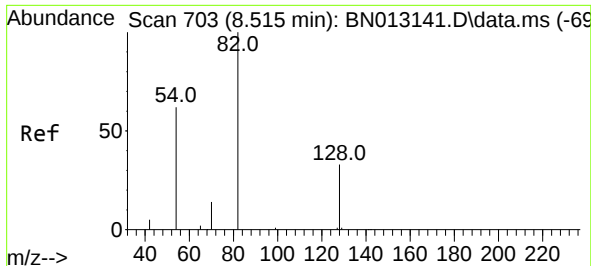
Tgt Ion:	99	Resp:	123
Ion	Ratio	Lower	Upper
99	100		
42	12.2	22.4	33.6#
71	32.5	37.8	56.6#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.112 min Scan# 829
Delta R.T. 0.000 min
Lab File: BN013253.D
Acq: 22 Dec 2020 01:17

Tgt Ion:	136	Resp:	2171
Ion	Ratio	Lower	Upper
136	100		
137	18.2	10.6	15.8#
54	16.9	8.6	12.8#
68	13.6	5.7	8.5#

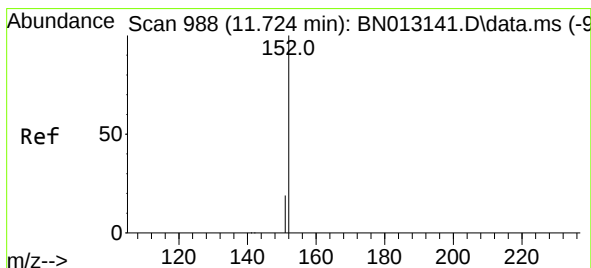
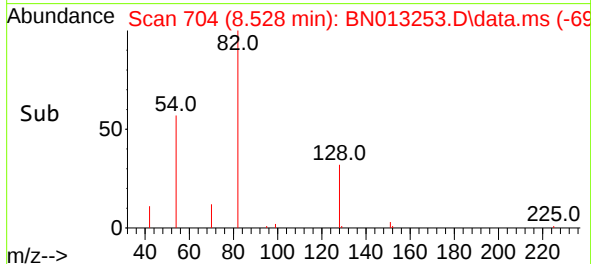
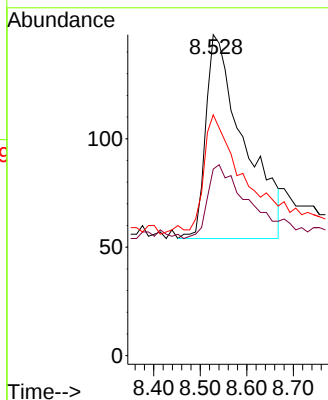
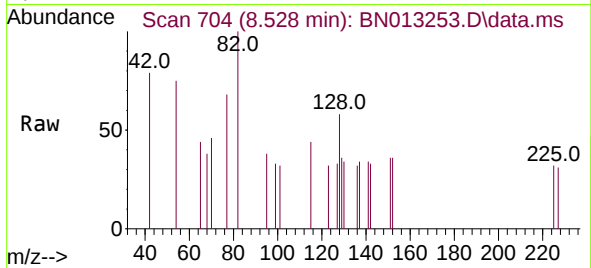




#8
Nitrobenzene-d5
Concen: 0.24 ng
RT: 8.528 min Scan# 704
Delta R.T. 0.000 min
Lab File: BN013253.D
Acq: 22 Dec 2020 01:17

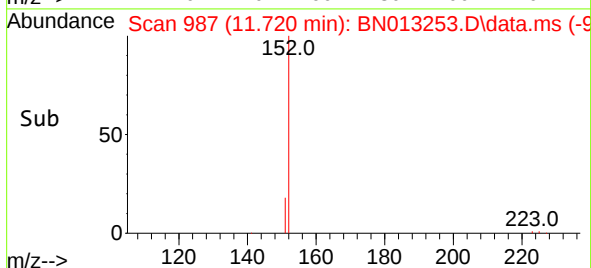
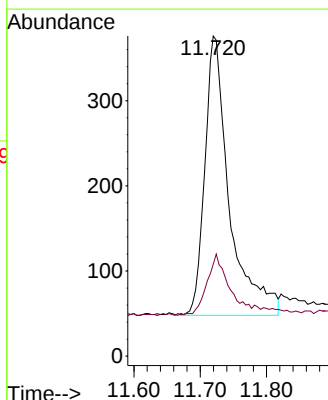
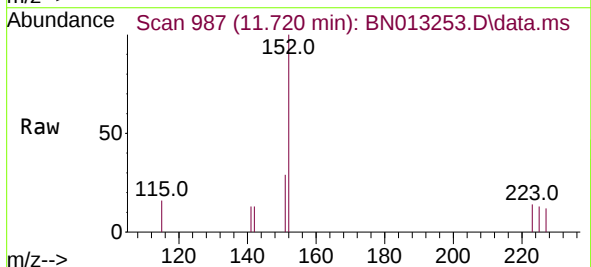
Instrument :
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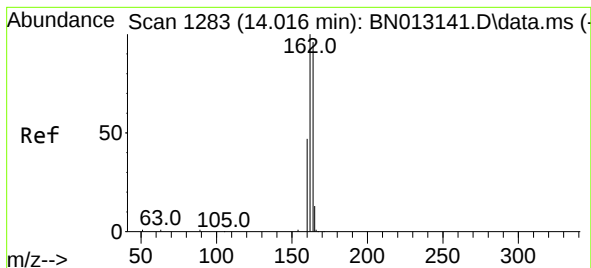
Tgt Ion: 82 Resp: 533
Ion Ratio Lower Upper
82 100
128 58.1 30.6 46.0#
54 75.0 48.3 72.5#



#11
2-Methylnaphthalene-d10
Concen: 0.22 ng
RT: 11.720 min Scan# 987
Delta R.T. -0.004 min
Lab File: BN013253.D
Acq: 22 Dec 2020 01:17

Tgt Ion:152 Resp: 845
Ion Ratio Lower Upper
152 100
151 23.0 16.7 25.1





#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 13.991 min Scan# 1281

Delta R.T. -0.013 min

Lab File: BN013253.D

Acq: 22 Dec 2020 01:17

Tgt Ion:164 Resp: 1460

Ion Ratio Lower Upper

164 100

162 106.5 80.6 120.8

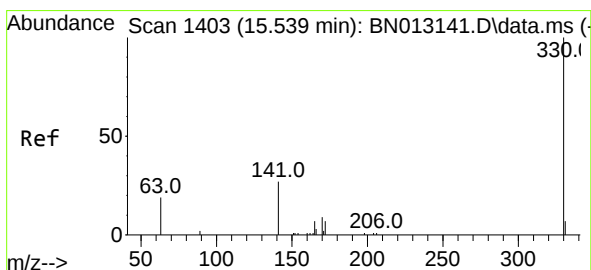
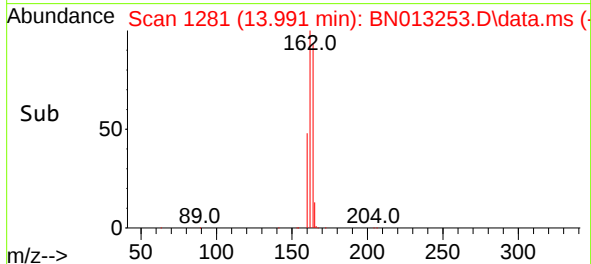
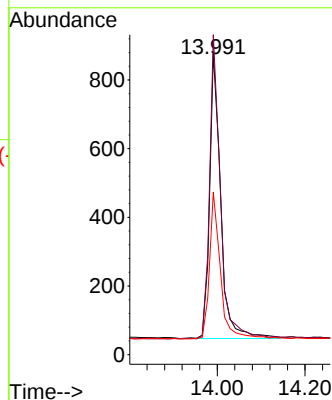
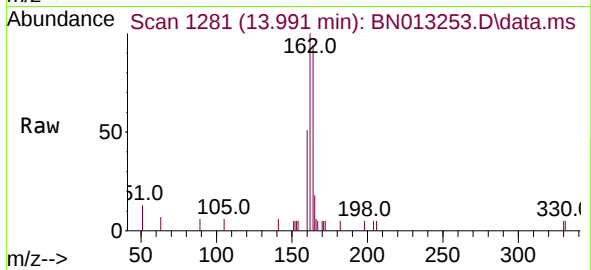
160 54.2 39.5 59.3

Instrument :

BNA_N

ClientSampleId :

MW201D1-20201213



#14

2,4,6-Tribromophenol

Concen: 0.25 ng

RT: 15.539 min Scan# 1403

Delta R.T. 0.000 min

Lab File: BN013253.D

Acq: 22 Dec 2020 01:17

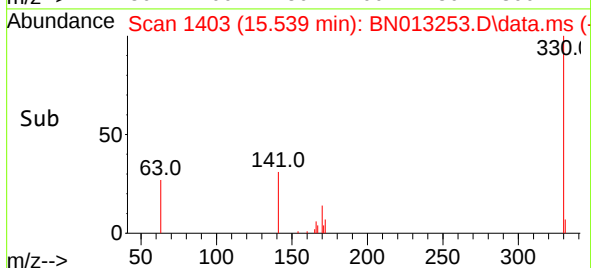
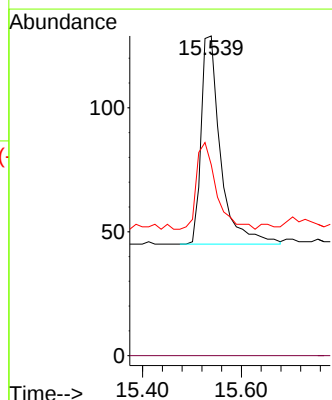
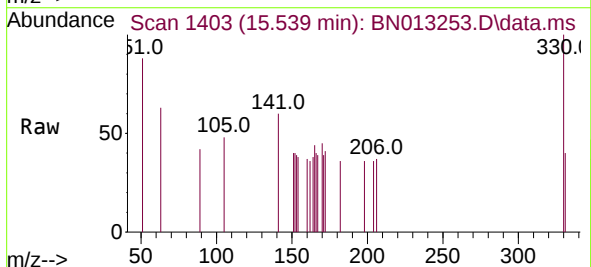
Tgt Ion:330 Resp: 230

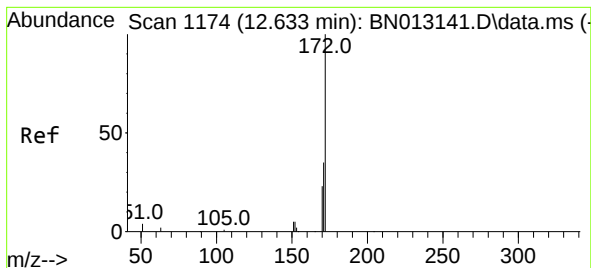
Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 42.2 34.4 51.6

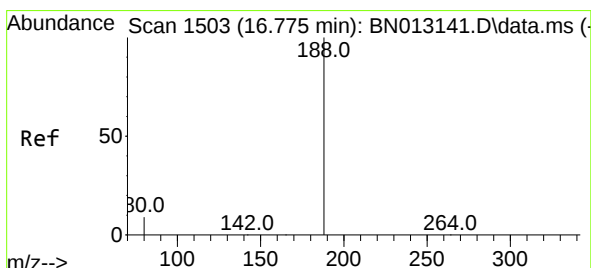
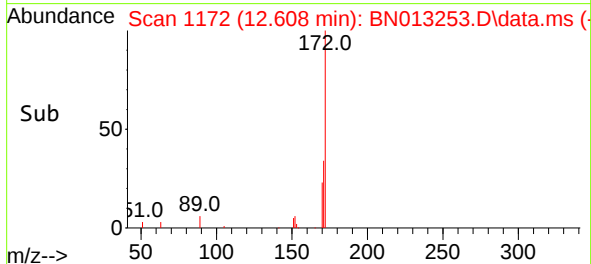
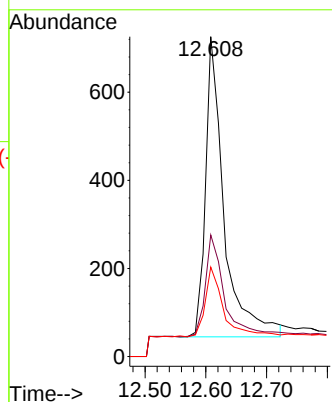
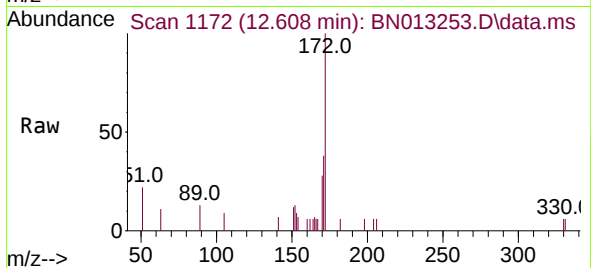




#15
2-Fluorobiphenyl
Concen: 0.24 ng
RT: 12.608 min Scan# 1172
Delta R.T. -0.025 min
Lab File: BN013253.D
Acq: 22 Dec 2020 01:17

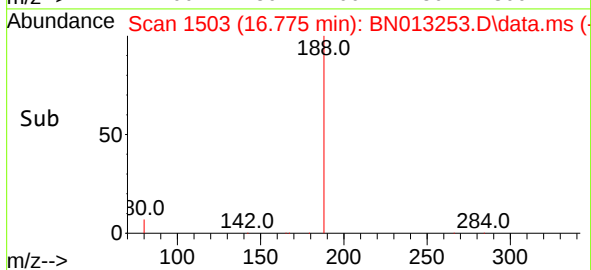
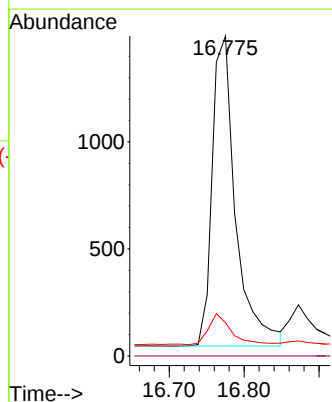
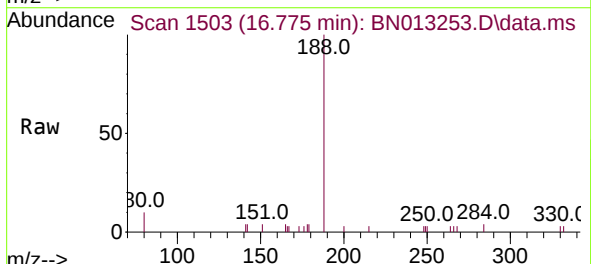
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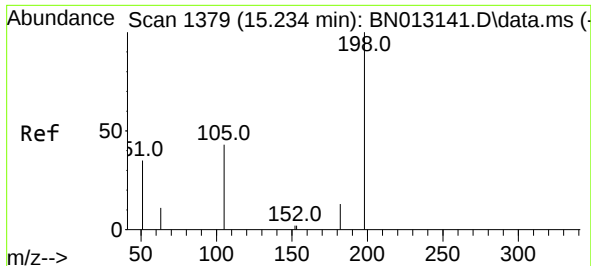
Tgt Ion:	172	Resp:	1446
Ion Ratio	Lower	Upper	
172	100		
171	38.0	28.2	42.4
170	28.0	20.0	30.0



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.775 min Scan# 1503
Delta R.T. -0.000 min
Lab File: BN013253.D
Acq: 22 Dec 2020 01:17

Tgt Ion:	188	Resp:	3149
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	10.4	5.0	7.4

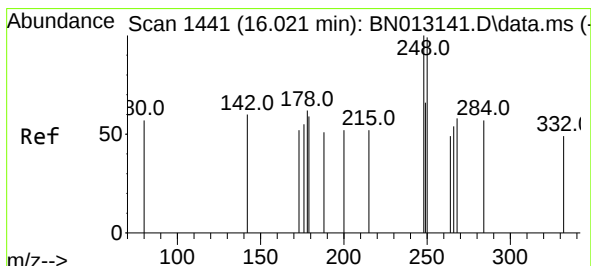
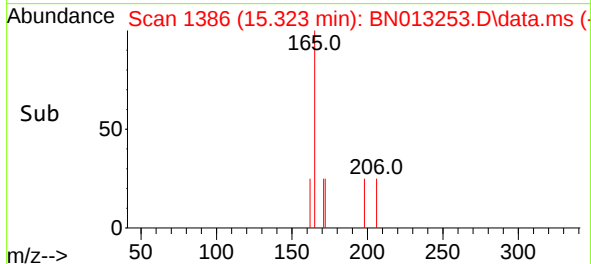
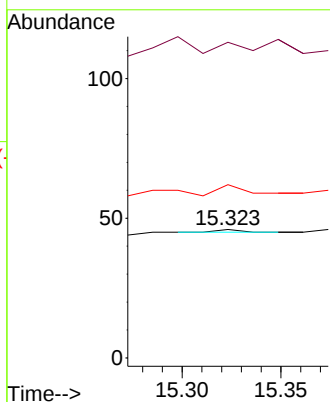
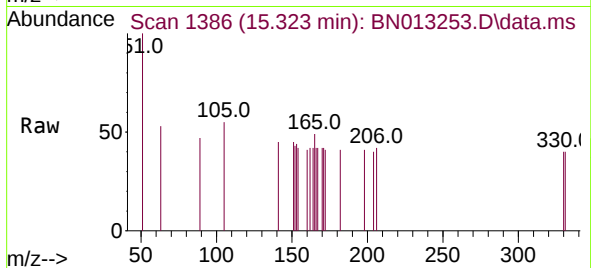




#20
4,6-Dinitro-2-methylphenol
Concen: 0.19 ng
RT: 15.323 min Scan# 1386
Delta R.T. 0.064 min
Lab File: BN013253.D
Acq: 22 Dec 2020 01:17

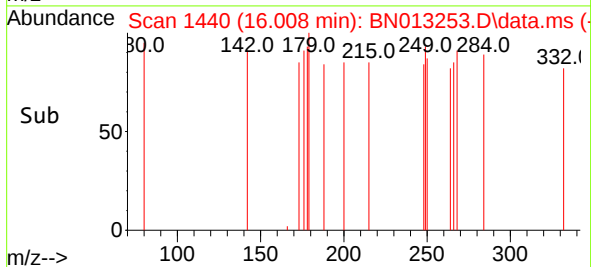
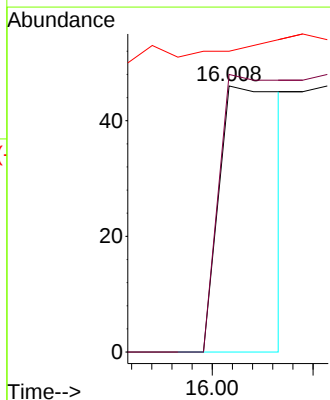
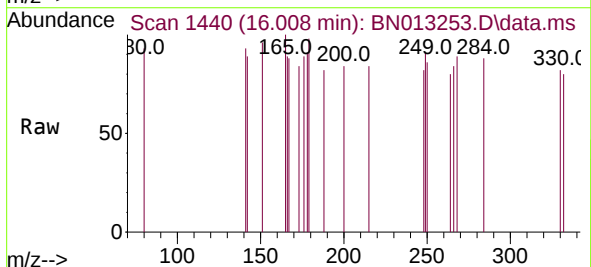
Instrument :
BNA_N
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MW201D1-20201213

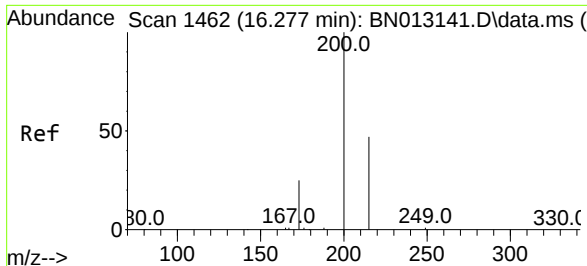
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 245.7 43.5 65.3#
105 134.8 27.2 40.8#



#21
4-Bromophenyl-phenylether
Concen: 0.16 ng
RT: 16.008 min Scan# 1440
Delta R.T. -0.013 min
Lab File: BN013253.D
Acq: 22 Dec 2020 01:17

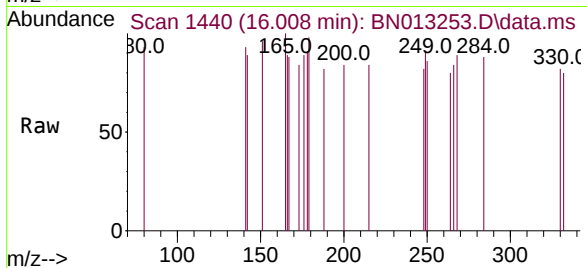
Tgt Ion:248 Resp: 101
Ion Ratio Lower Upper
248 100
250 104.3 77.3 115.9
141 113.0 57.8 86.8#



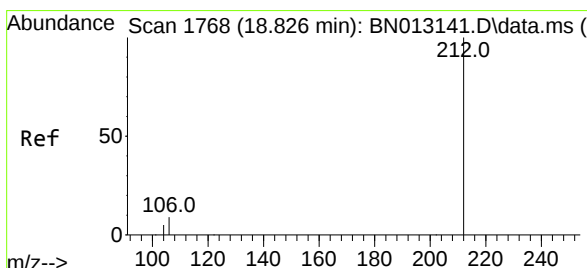
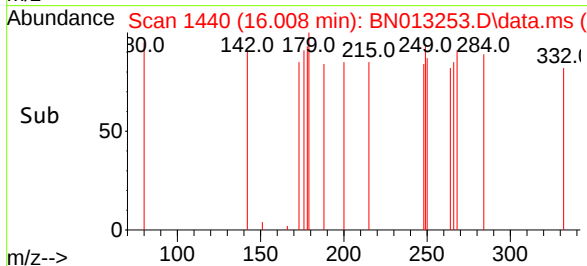
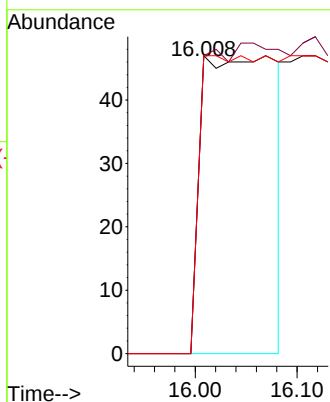


#23
Atrazine
Concen: 0.13 ng
RT: 16.008 min Scan# 1440
Delta R.T. -0.268 min
Lab File: BN013253.D
Acq: 22 Dec 2020 01:17

Instrument :
BNA_N
ClientSampleId :
MW201D1-20201213

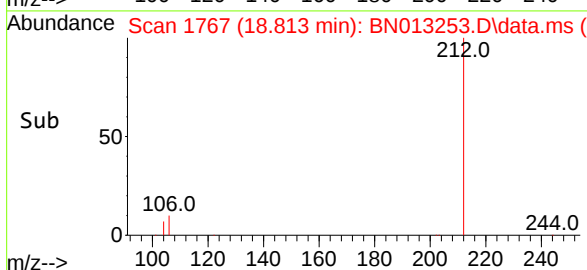
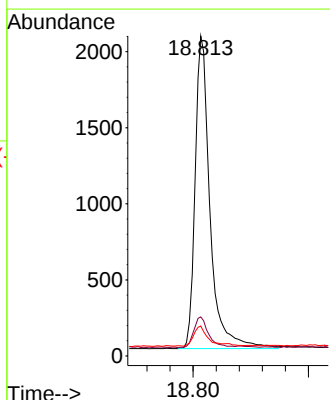
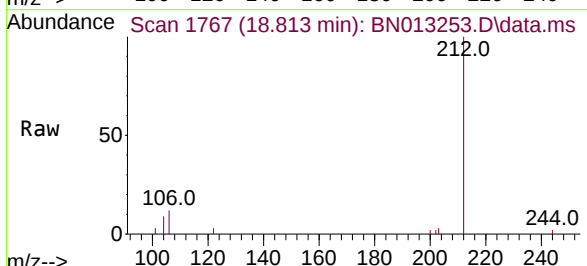


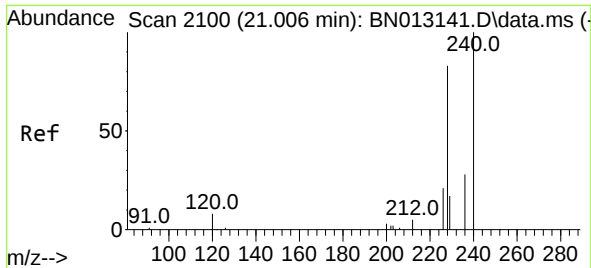
Tgt Ion:200 Resp: 238
Ion Ratio Lower Upper
200 100
173 100.0 22.8 34.2#
215 100.0 38.1 57.1#



#27
Fluoranthene-d10
Concen: 0.36 ng
RT: 18.813 min Scan# 1767
Delta R.T. -0.008 min
Lab File: BN013253.D
Acq: 22 Dec 2020 01:17

Tgt Ion:212 Resp: 3687
Ion Ratio Lower Upper
212 100
106 9.8 6.8 10.2
104 6.4 4.1 6.1#

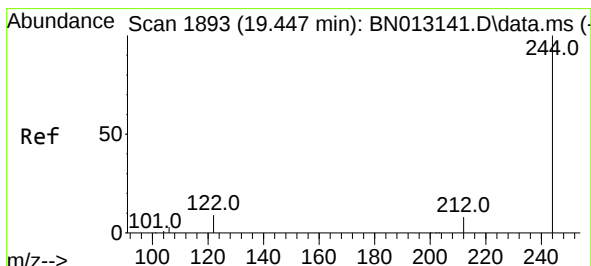
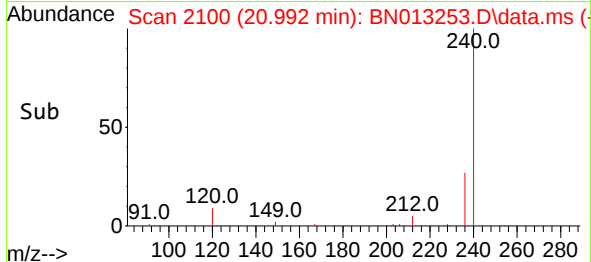
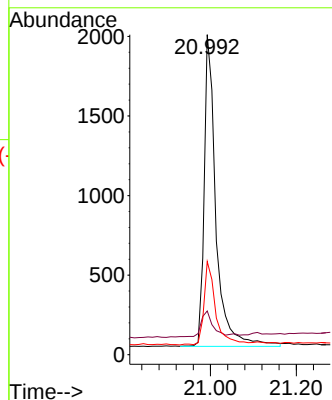
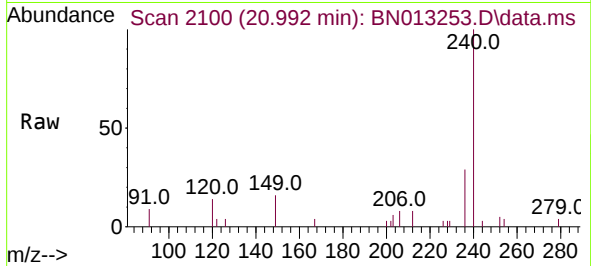




#29
Chrysene-d12
Concen: 0.40 ng
RT: 20.992 min Scan# 2100
Delta R.T. -0.013 min
Lab File: BN013253.D
Acq: 22 Dec 2020 01:17

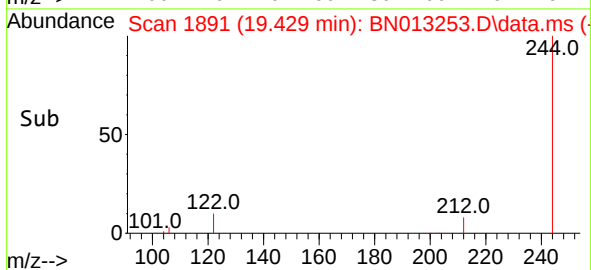
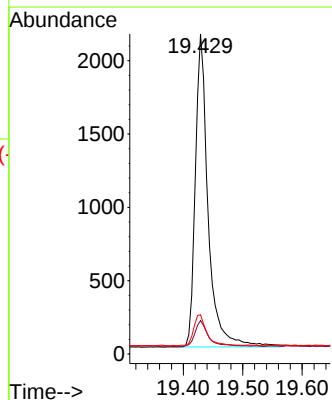
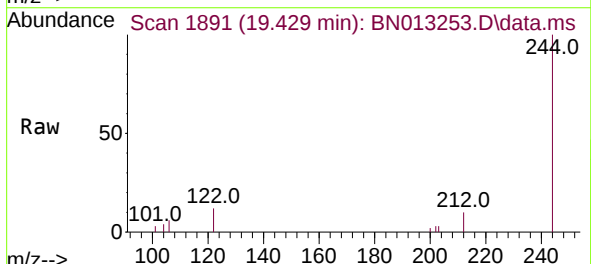
Instrument :
BNA_N
ClientSampleId :
MW201D1-20201213

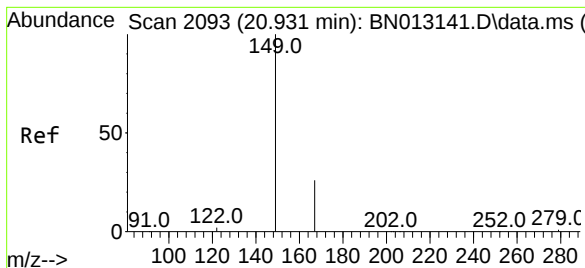
Tgt Ion:240 Resp: 3728
Ion Ratio Lower Upper
240 100
120 13.7 5.3 7.9#
236 29.1 21.8 32.8



#31
Terphenyl-d14
Concen: 0.34 ng
RT: 19.429 min Scan# 1891
Delta R.T. -0.018 min
Lab File: BN013253.D
Acq: 22 Dec 2020 01:17

Tgt Ion:244 Resp: 3195
Ion Ratio Lower Upper
244 100
212 10.4 7.3 10.9
122 12.3 7.3 10.9#

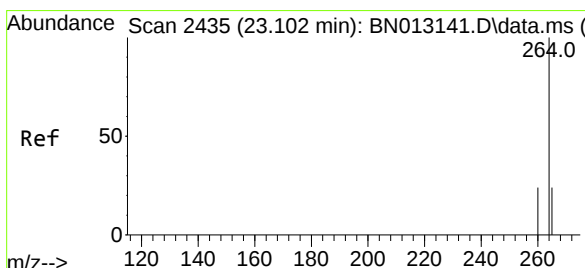
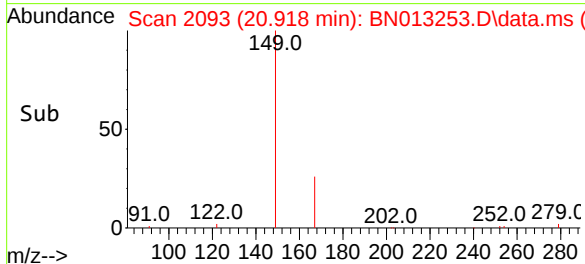
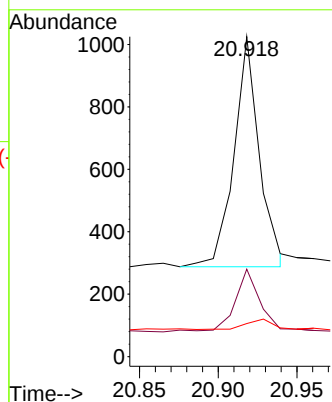
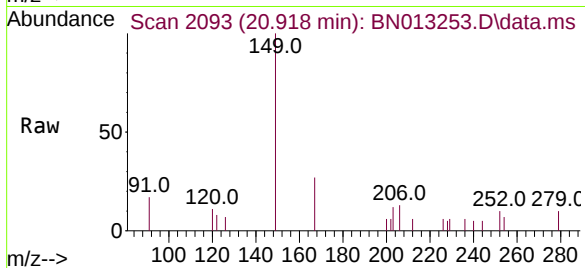




#34
 Bis(2-ethylhexyl)phthalate
 Concen: Below Cal
 RT: 20.918 min Scan# 2093
 Delta R.T. -0.003 min
 Lab File: BN013253.D
 Acq: 22 Dec 2020 01:17

Instrument :
 BNA_N
 ClientSampleId :
 MW201D1-20201213

Tgt Ion:149 Resp: 824
 Ion Ratio Lower Upper
 149 100
 167 25.0 23.2 34.8
 279 4.6 3.9 5.9



#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.083 min Scan# 2431
 Delta R.T. -0.013 min
 Lab File: BN013253.D
 Acq: 22 Dec 2020 01:17

Tgt Ion:264 Resp: 4226
 Ion Ratio Lower Upper
 264 100
 260 26.5 19.8 29.6
 265 71.0 51.4 77.0

