

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121120\
 Data File : BN013079.D
 Acq On : 12 Dec 2020 07:08
 Operator : CG/JU
 Sample : L4996-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE105D1-20201208

Quant Time: Dec 14 03:05:44 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 11 01:53:51 2020
 Response via : Initial Calibration

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

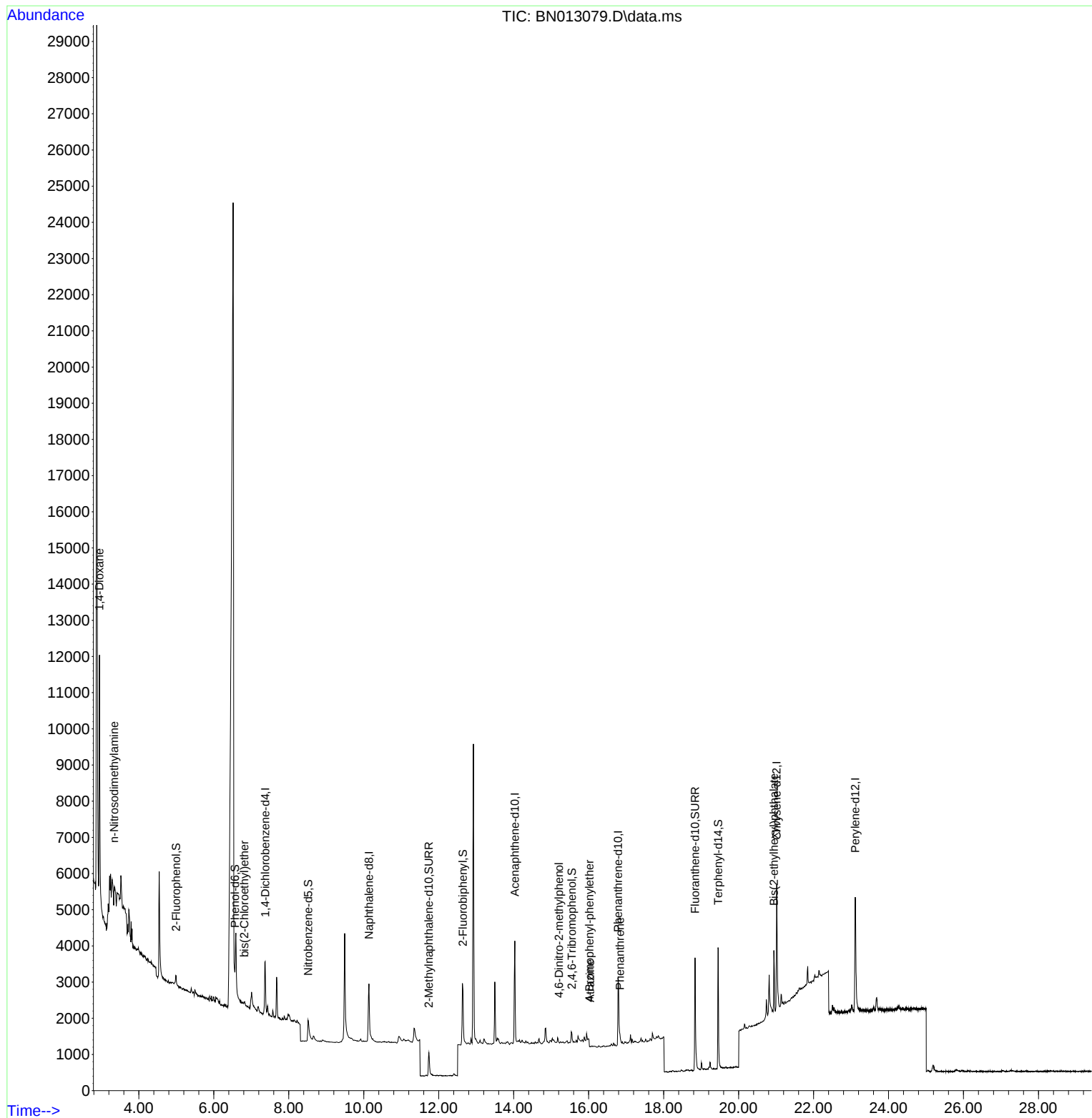
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.370	152	781	0.40	ng	0.00
7) Naphthalene-d8	10.137	136	2821	0.40	ng	0.00
13) Acenaphthene-d10	14.029	164	1669	0.40	ng	0.00
19) Phenanthrene-d10	16.788	188	3509	0.40	ng	#-0.01
29) Chrysene-d12	21.016	240	4026	0.40	ng	# 0.00
36) Perylene-d12	23.113	264	4651	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.994	112	264	0.09	ng	0.00
5) Phenol-d6	6.565	99	205	0.06	ng	0.00
8) Nitrobenzene-d5	8.515	82	847	0.28	ng	-0.01
11) 2-Methylnaphthalene-d10	11.737	152	1272	0.25	ng	0.00
14) 2,4,6-Tribromophenol	15.552	330	297	0.27	ng	0.00
15) 2-Fluorobiphenyl	12.646	172	1982	0.27	ng	0.00
27) Fluoranthene-d10	18.836	212	4436	0.38	ng	0.00
31) Terphenyl-d14	19.456	244	4014	0.40	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.949	88	4474	3.13	ng	97
3) n-Nitrosodimethylamine	3.343	42	64	0.03	ng	# 1
6) bis(2-Chloroethyl)ether	6.814	93	52	0.02	ng	# 75
20) 4,6-Dinitro-2-methylph...	15.209	198	2	0.10	ng	# 1
21) 4-Bromophenyl-phenylether	16.021	248	68	0.08	ng	# 63
23) Atrazine	16.045	200	175	0.08	ng	# 1
25) Phenanthrene	16.836	178	271	0.02	ng	# 83
34) Bis(2-ethylhexyl)phtha...	20.942	149	1540	0.17	ng	98

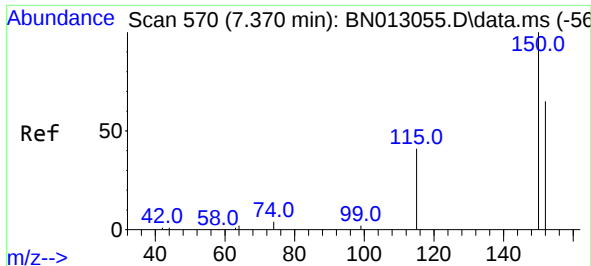
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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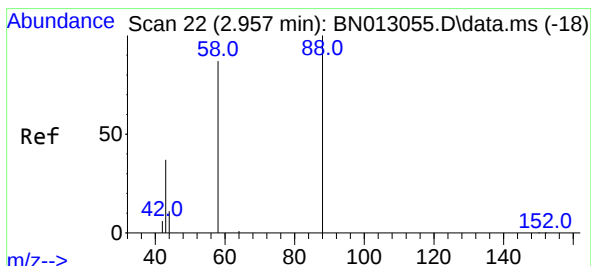
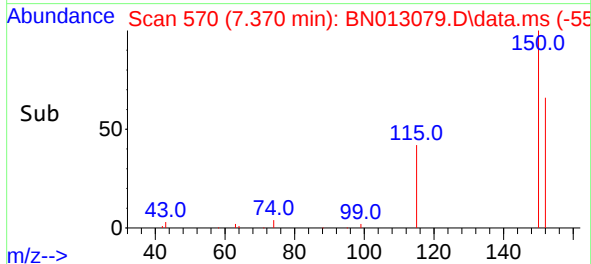
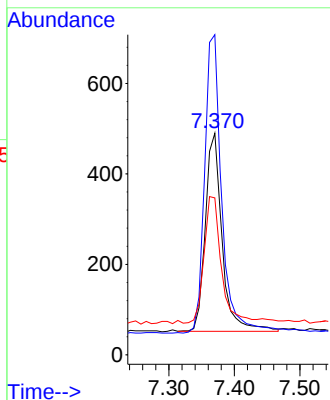
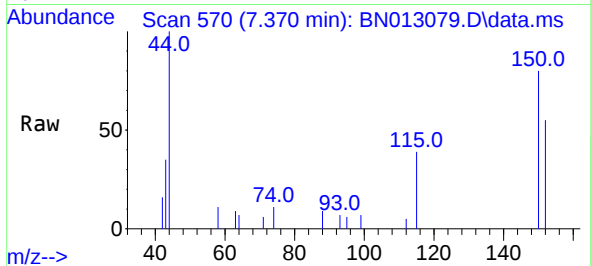


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.370 min Scan# 570
 Delta R.T. 0.000 min
 Lab File: BN013079.D
 Acq: 12 Dec 2020 07:08

Instrument :
 BNA_N
 ClientSampleId :
 RE105D1-20201208

Tgt Ion: 152 Resp: 781

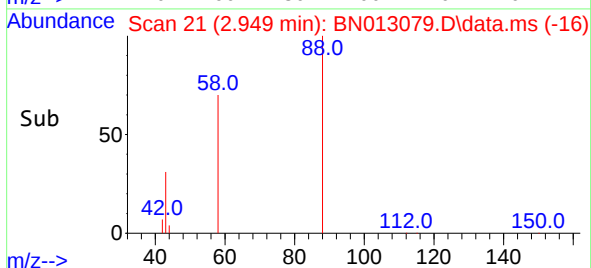
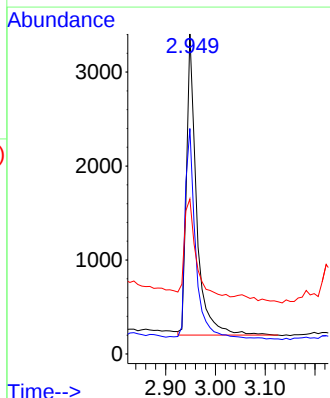
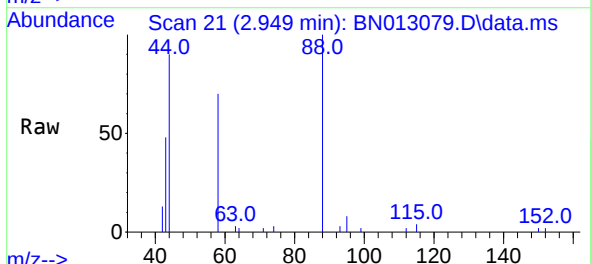
Ion	Ratio	Lower	Upper
152	100		
150	144.5	116.6	174.8
115	70.8	52.9	79.3

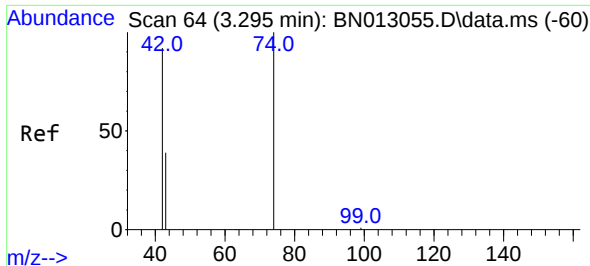


#2
 1,4-Dioxane
 Concen: 3.13 ng
 RT: 2.949 min Scan# 21
 Delta R.T. -0.008 min
 Lab File: BN013079.D
 Acq: 12 Dec 2020 07:08

Tgt Ion: 88 Resp: 4474

Ion	Ratio	Lower	Upper
88	100		
58	73.6	59.4	89.2
43	36.4	32.3	48.5

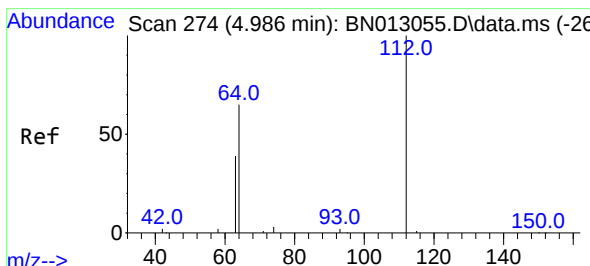
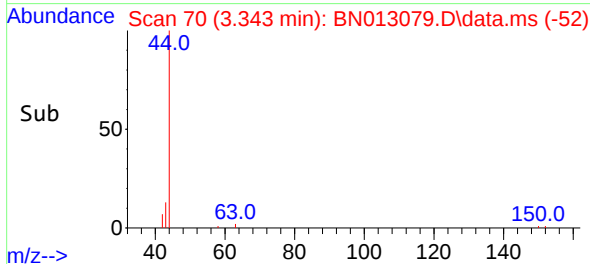
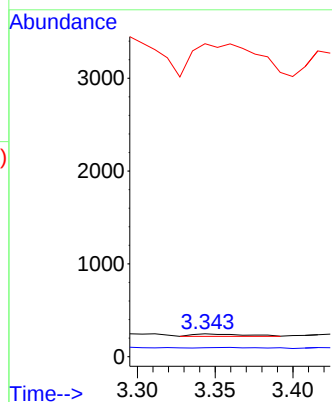
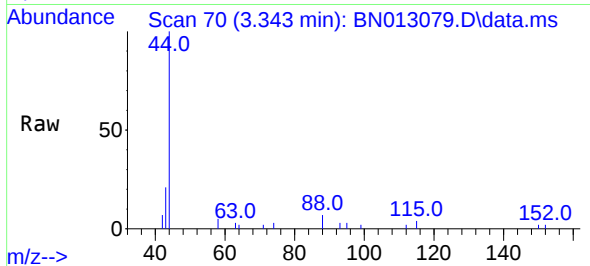




#3
n-Nitrosodimethylamine
Concen: 0.03 ng
RT: 3.343 min Scan# 70
Delta R.T. 0.048 min
Lab File: BN013079.D
Acq: 12 Dec 2020 07:08

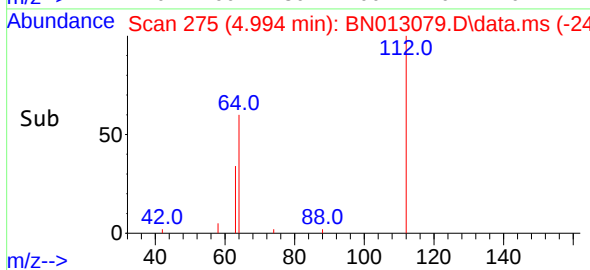
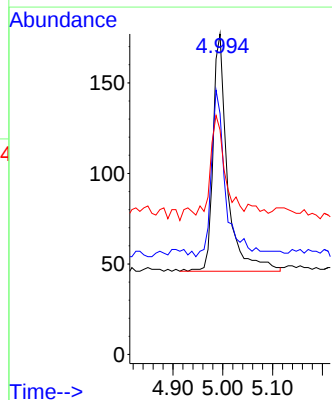
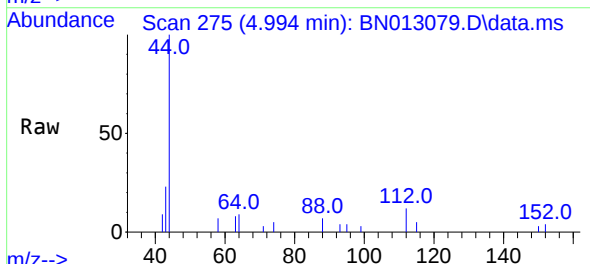
Instrument :
BNA_N
ClientSampleId :
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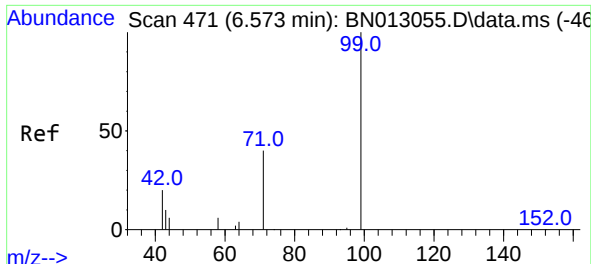
Tgt Ion: 42 Resp: 64
Ion Ratio Lower Upper
42 100
74 17.2 64.4 96.6#
44 1612.5 2.8 4.2#



#4
2-Fluorophenol
Concen: 0.09 ng
RT: 4.994 min Scan# 275
Delta R.T. 0.008 min
Lab File: BN013079.D
Acq: 12 Dec 2020 07:08

Tgt Ion: 112 Resp: 264
Ion Ratio Lower Upper
112 100
64 69.3 49.5 74.3
63 41.7 32.0 48.0

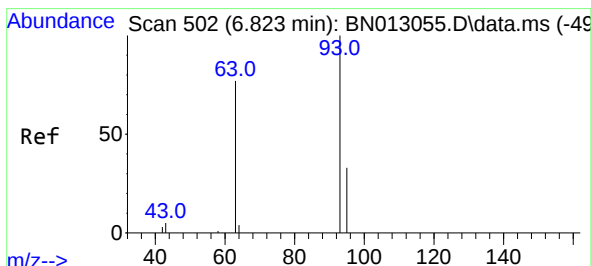
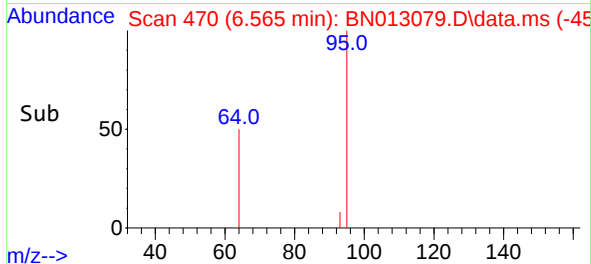
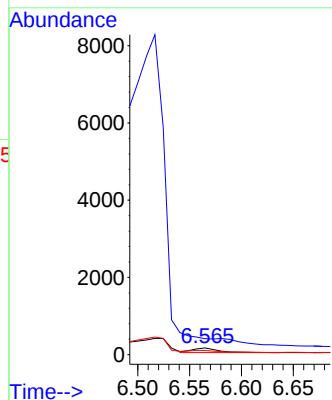
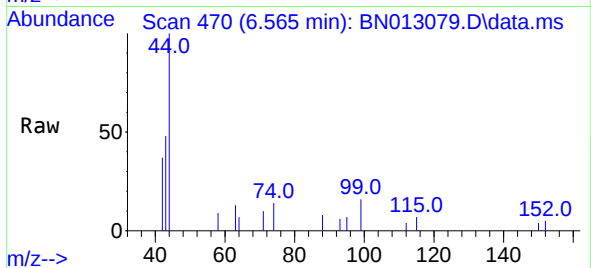




#5
Phenol-d6
Concen: 0.06 ng
RT: 6.565 min Scan# 470
Delta R.T. -0.008 min
Lab File: BN013079.D
Acq: 12 Dec 2020 07:08

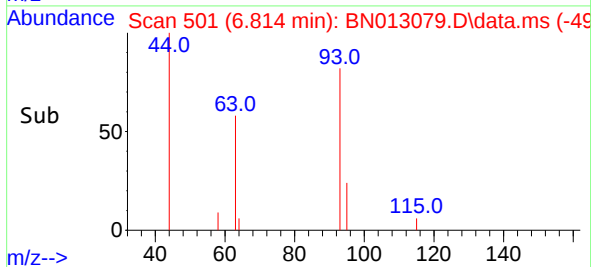
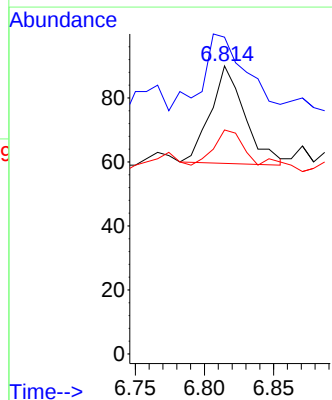
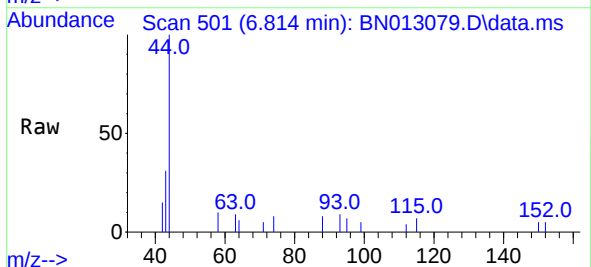
Instrument :
BNA_N
ClientSampleId :
RE105D1-20201208

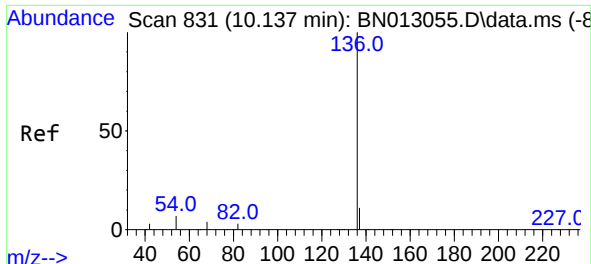
Tgt Ion: 99 Resp: 205
Ion Ratio Lower Upper
99 100
42 0.0 22.4 33.6#
71 57.6 37.8 56.6#



#6
bis(2-Chloroethyl)ether
Concen: 0.02 ng
RT: 6.814 min Scan# 501
Delta R.T. -0.008 min
Lab File: BN013079.D
Acq: 12 Dec 2020 07:08

Tgt Ion: 93 Resp: 52
Ion Ratio Lower Upper
93 100
63 98.1 63.1 94.7#
95 50.0 26.1 39.1#



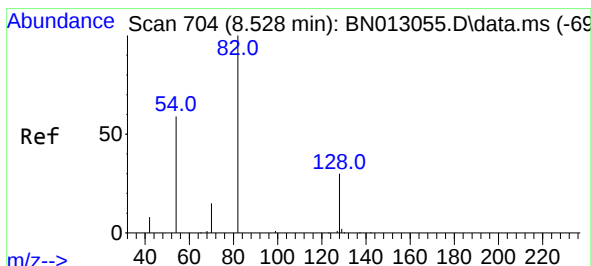
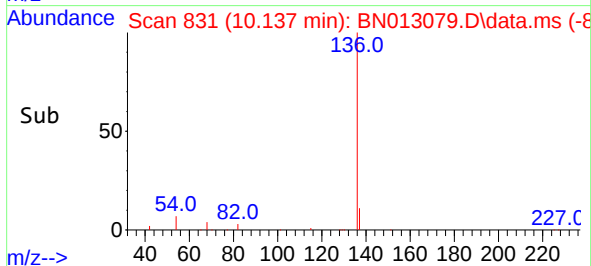
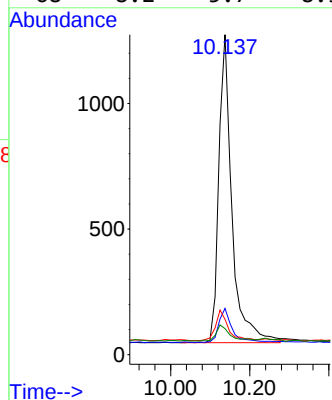
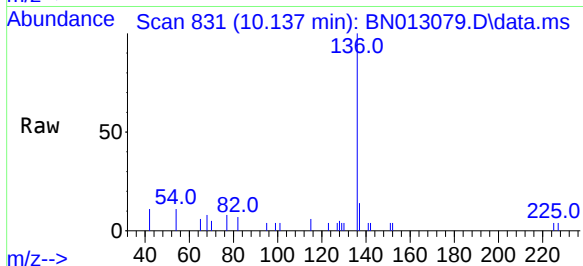


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.137 min Scan# 831
Delta R.T. -0.000 min
Lab File: BN013079.D
Acq: 12 Dec 2020 07:08

Instrument :
BNA_N
ClientSampleId :
RE105D1-20201208

Tgt Ion: 136 Resp: 2821

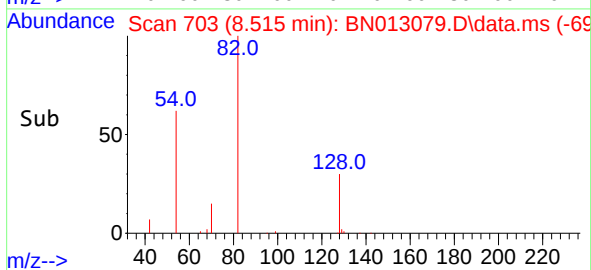
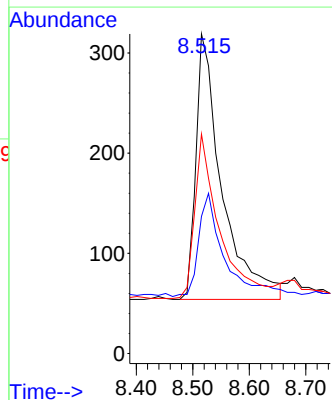
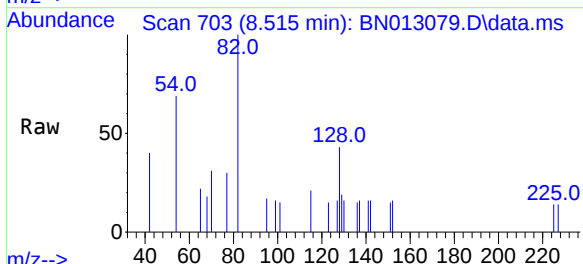
Ion	Ratio	Lower	Upper
136	100		
137	14.4	10.6	15.8
54	11.1	8.6	12.8
68	8.2	5.7	8.5

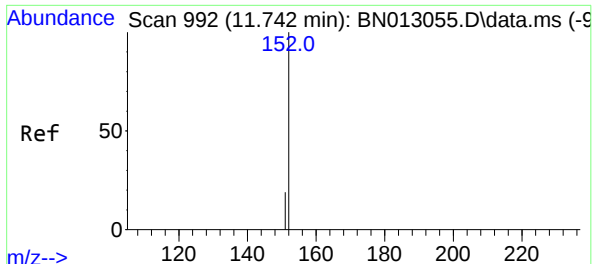


#8
Nitrobenzene-d5
Concen: 0.28 ng
RT: 8.515 min Scan# 703
Delta R.T. -0.013 min
Lab File: BN013079.D
Acq: 12 Dec 2020 07:08

Tgt Ion: 82 Resp: 847

Ion	Ratio	Lower	Upper
82	100		
128	42.9	30.6	46.0
54	68.7	48.3	72.5

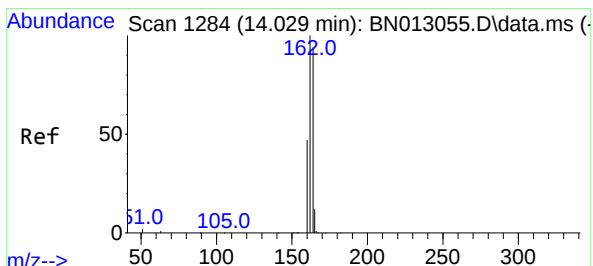
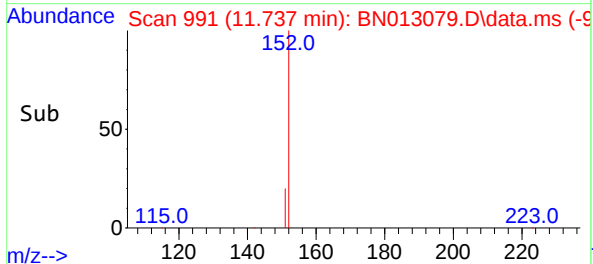
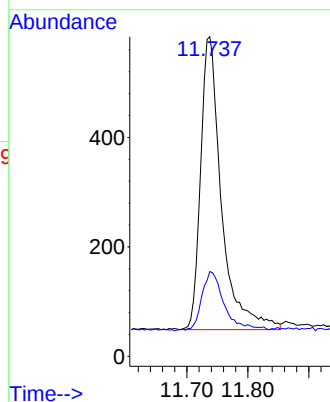
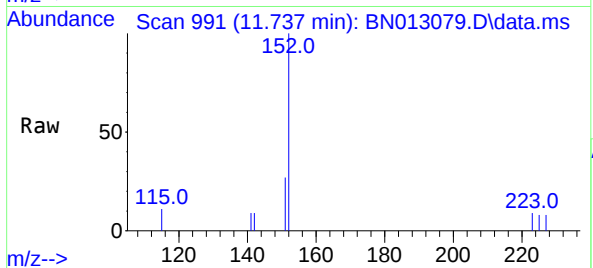




#11
2-Methylnaphthalene-d10
Concen: 0.25 ng
RT: 11.737 min Scan# 991
Delta R.T. -0.004 min
Lab File: BN013079.D
Acq: 12 Dec 2020 07:08

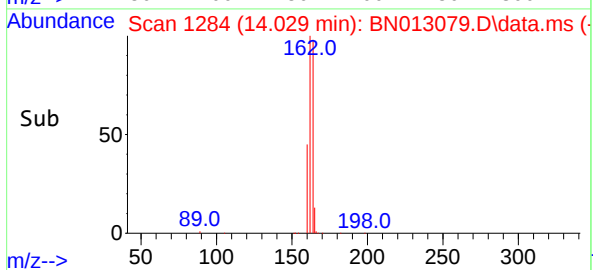
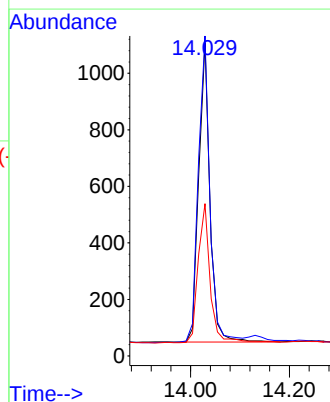
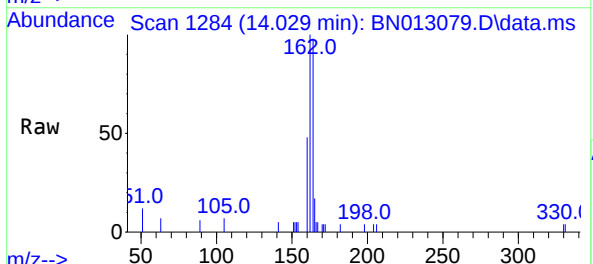
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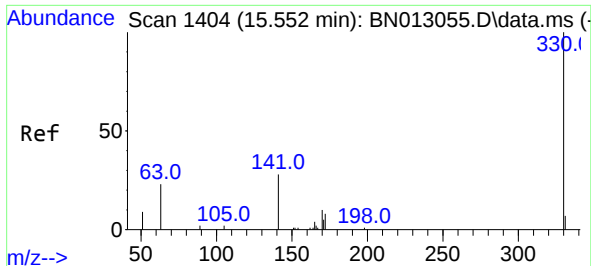
Tgt Ion:152 Resp: 1272
Ion Ratio Lower Upper
152 100
151 22.1 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.029 min Scan# 1284
Delta R.T. -0.000 min
Lab File: BN013079.D
Acq: 12 Dec 2020 07:08

Tgt Ion:164 Resp: 1669
Ion Ratio Lower Upper
164 100
162 102.3 80.6 120.8
160 48.7 39.5 59.3

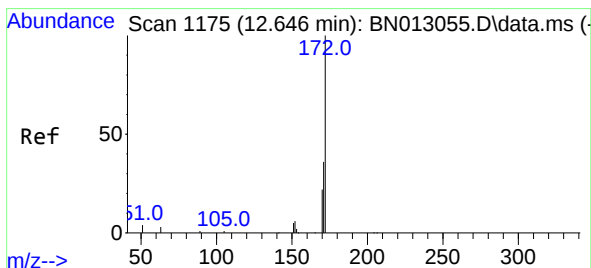
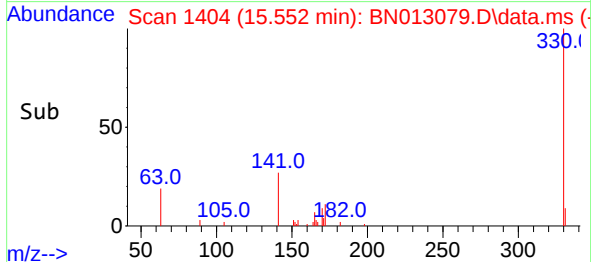
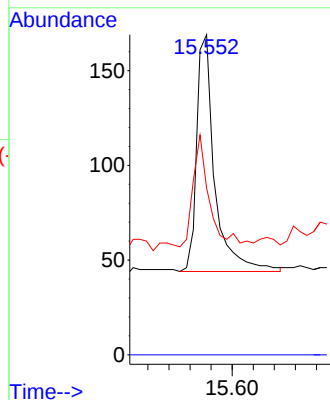
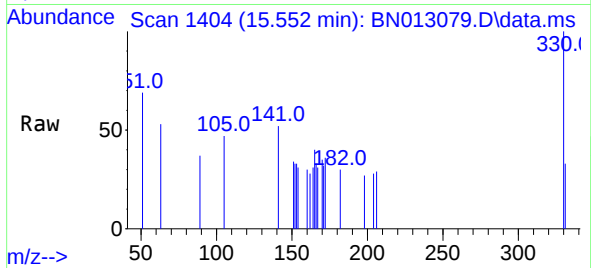




#14
2,4,6-Tribromophenol
Concen: 0.27 ng
RT: 15.552 min Scan# 1404
Delta R.T. -0.000 min
Lab File: BN013079.D
Acq: 12 Dec 2020 07:08

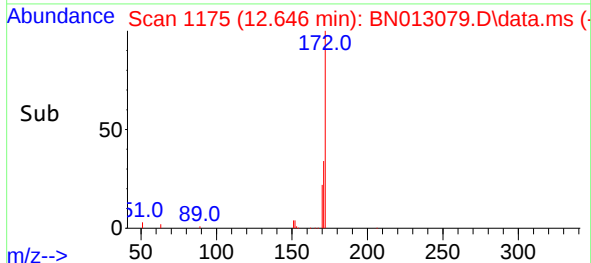
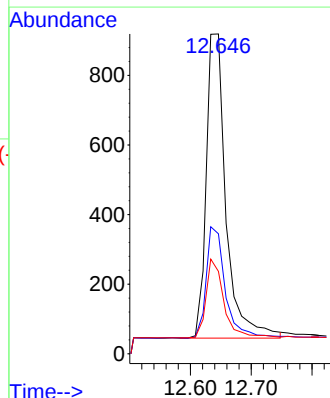
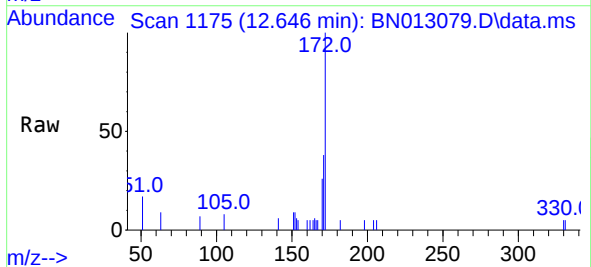
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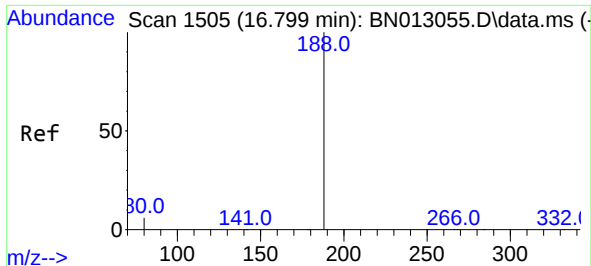
Tgt Ion:330 Resp: 297
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 43.1 34.4 51.6



#15
2-Fluorobiphenyl
Concen: 0.27 ng
RT: 12.646 min Scan# 1175
Delta R.T. -0.000 min
Lab File: BN013079.D
Acq: 12 Dec 2020 07:08

Tgt Ion:172 Resp: 1982
Ion Ratio Lower Upper
172 100
171 37.5 28.2 42.4
170 25.8 20.0 30.0

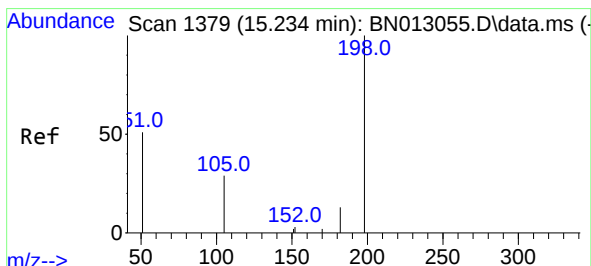
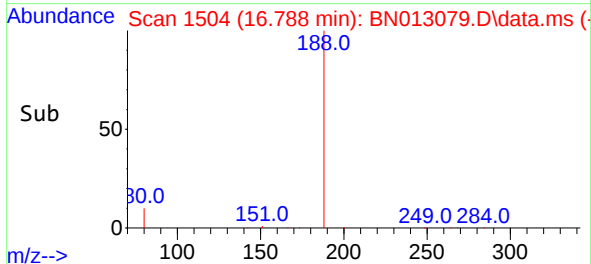
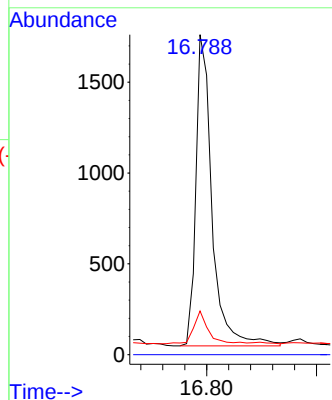
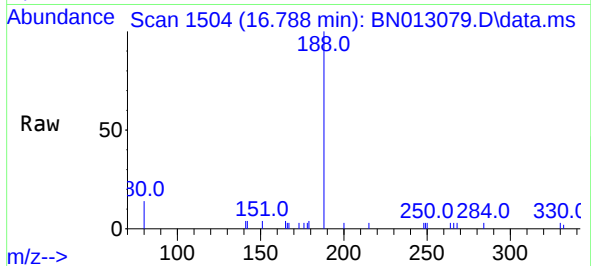




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.788 min Scan# 1504
Delta R.T. -0.012 min
Lab File: BN013079.D
Acq: 12 Dec 2020 07:08

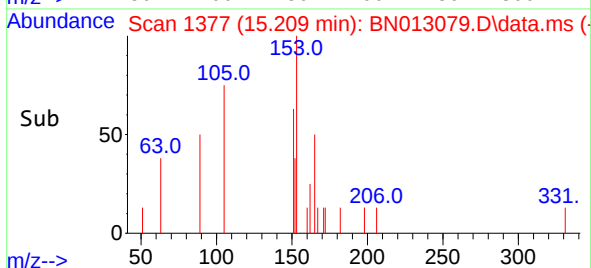
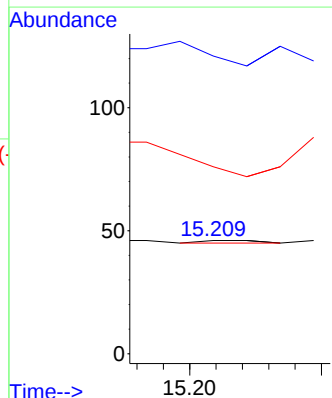
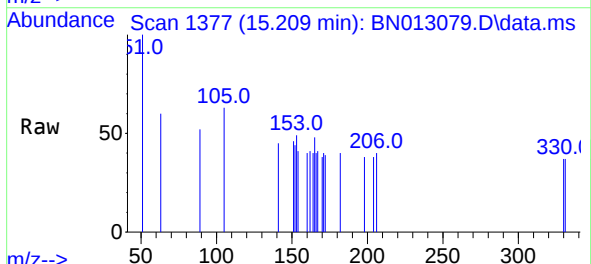
Instrument :
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RE105D1-20201208

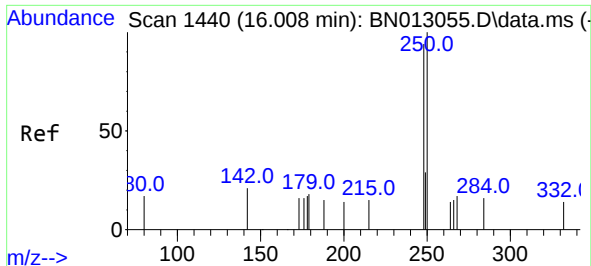
Tgt Ion:188	Resp:	3509
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	13.6	5.0



#20
4,6-Dinitro-2-methylphenol
Concen: 0.10 ng
RT: 15.209 min Scan# 1377
Delta R.T. -0.025 min
Lab File: BN013079.D
Acq: 12 Dec 2020 07:08

Tgt Ion:198	Resp:	2
Ion Ratio	Lower	Upper
198	100	
51	263.0	43.5
105	165.2	27.2

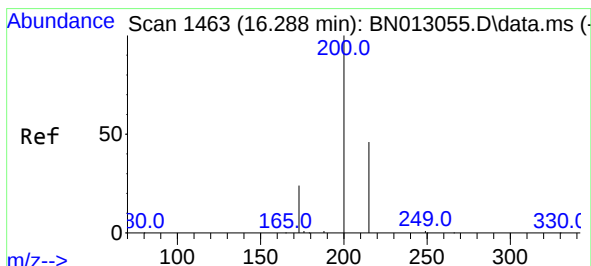
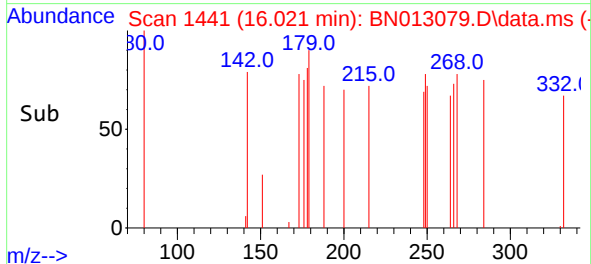
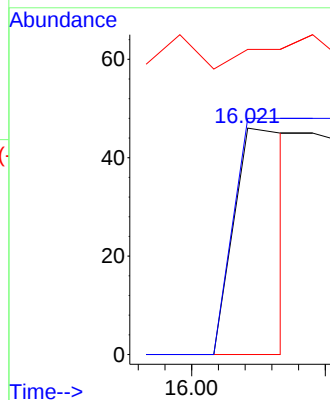
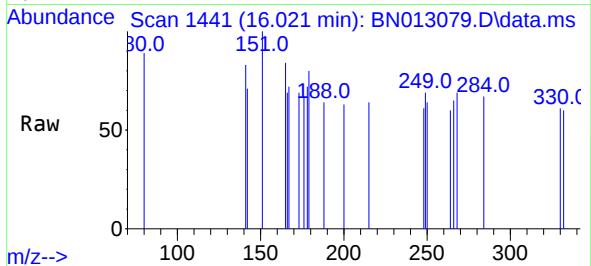




#21
4-Bromophenyl-phenylether
Concen: 0.08 ng
RT: 16.021 min Scan# 1441
Delta R.T. 0.013 min
Lab File: BN013079.D
Acq: 12 Dec 2020 07:08

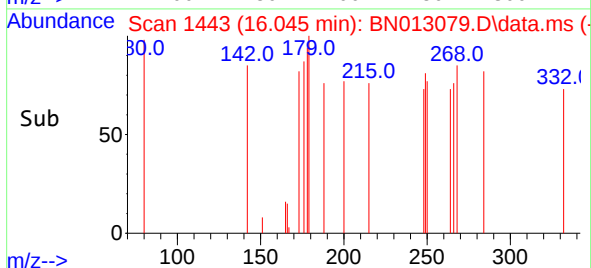
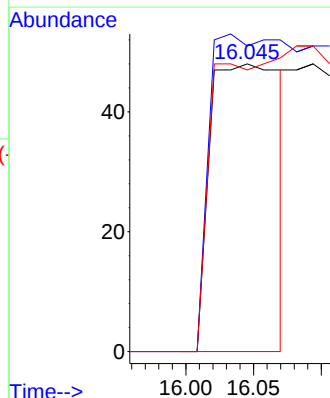
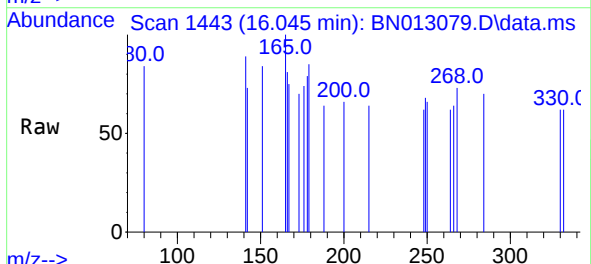
Instrument :
BNA_N
ClientSampleId :
RE105D1-20201208

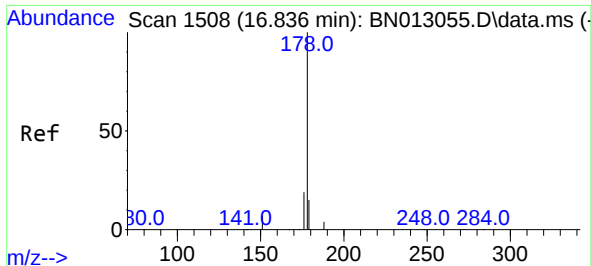
Tgt Ion:248 Resp: 68
Ion Ratio Lower Upper
248 100
250 104.3 77.3 115.9
141 134.8 57.8 86.8#



#23
Atrazine
Concen: 0.08 ng
RT: 16.045 min Scan# 1443
Delta R.T. -0.243 min
Lab File: BN013079.D
Acq: 12 Dec 2020 07:08

Tgt Ion:200 Resp: 175
Ion Ratio Lower Upper
200 100
173 106.3 22.8 34.2#
215 97.9 38.1 57.1#

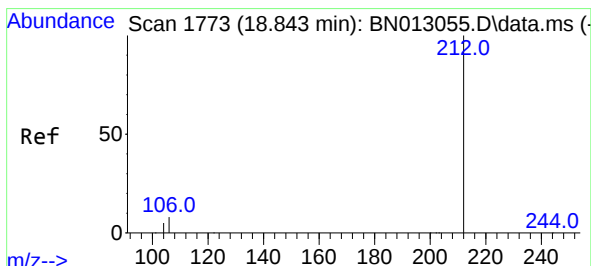
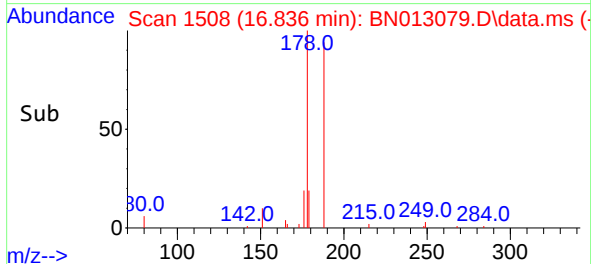
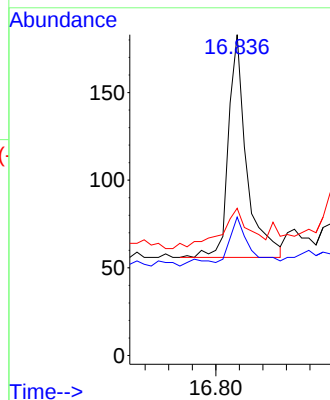
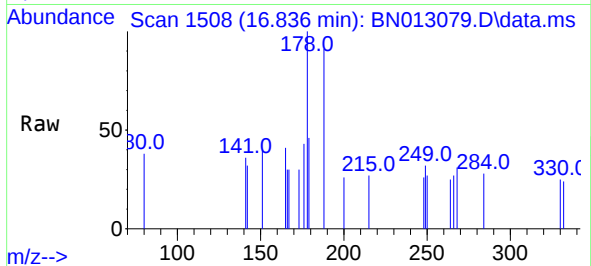




#25
Phenanthrene
Concen: 0.02 ng
RT: 16.836 min Scan# 1508
Delta R.T. 0.000 min
Lab File: BN013079.D
Acq: 12 Dec 2020 07:08

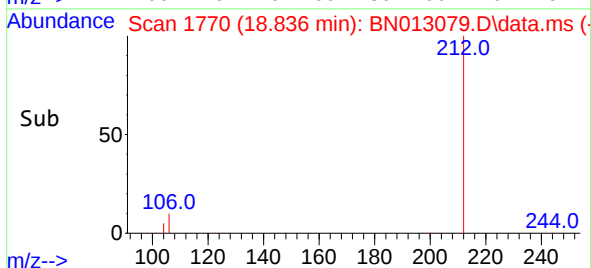
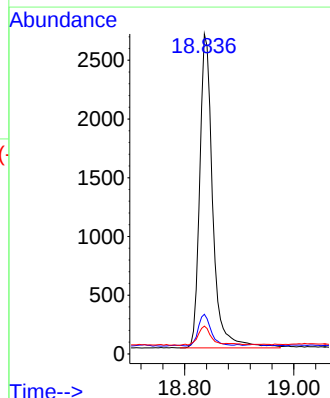
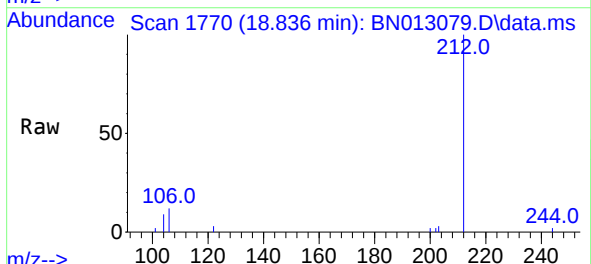
Instrument :
BNA_N
ClientSampleId :
RE105D1-20201208

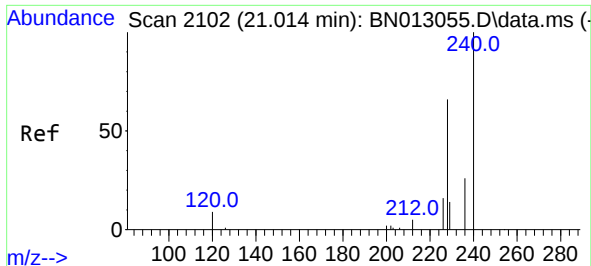
Tgt Ion:178	Resp:	271
Ion	Ratio	Lower Upper
178	100	
176	19.9	14.8 22.2
179	29.2	12.4 18.6#



#27
Fluoranthene-d10
Concen: 0.38 ng
RT: 18.836 min Scan# 1770
Delta R.T. -0.007 min
Lab File: BN013079.D
Acq: 12 Dec 2020 07:08

Tgt Ion:212	Resp:	4436
Ion	Ratio	Lower Upper
212	100	
106	9.9	6.8 10.2
104	6.0	4.1 6.1

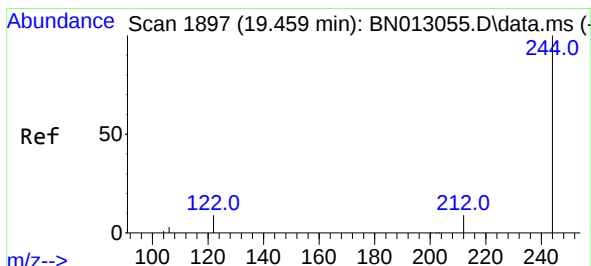
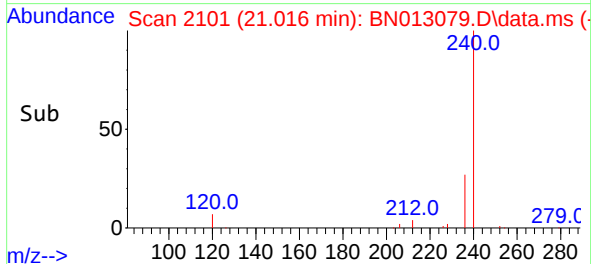
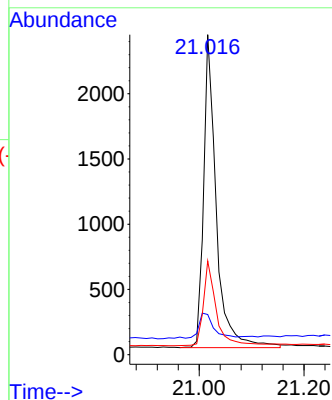
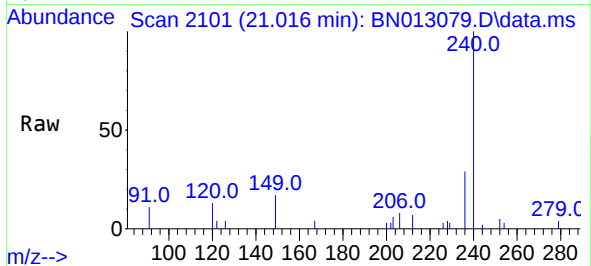




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.016 min Scan# 2101
Delta R.T. 0.003 min
Lab File: BN013079.D
Acq: 12 Dec 2020 07:08

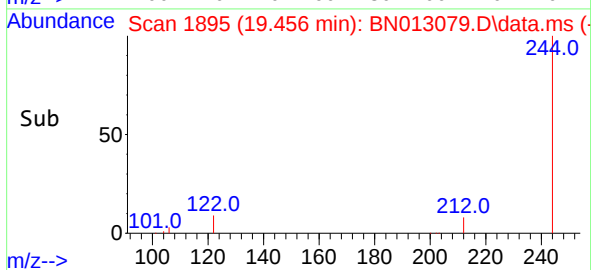
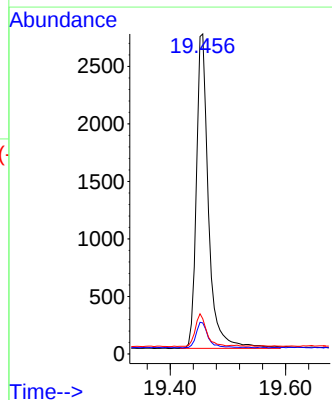
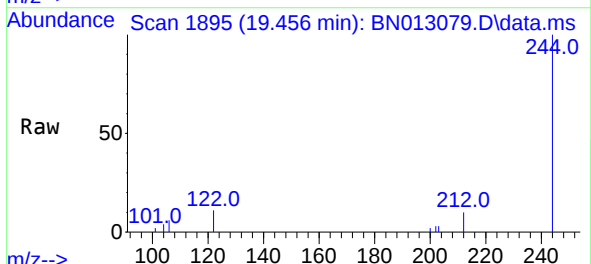
Instrument :
BNA_N
ClientSampleId :
RE105D1-20201208

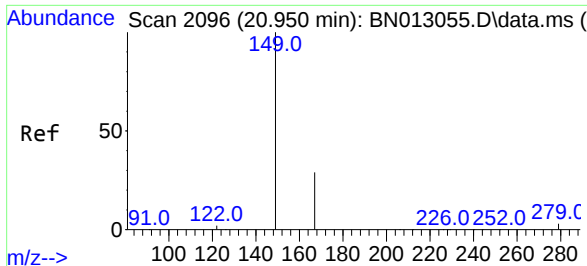
Tgt Ion:240 Resp: 4026
Ion Ratio Lower Upper
240 100
120 12.5 5.3 7.9#
236 29.3 21.8 32.8



#31
Terphenyl-d14
Concen: 0.40 ng
RT: 19.456 min Scan# 1895
Delta R.T. -0.002 min
Lab File: BN013079.D
Acq: 12 Dec 2020 07:08

Tgt Ion:244 Resp: 4014
Ion Ratio Lower Upper
244 100
212 9.7 7.3 10.9
122 11.0 7.3 10.9#

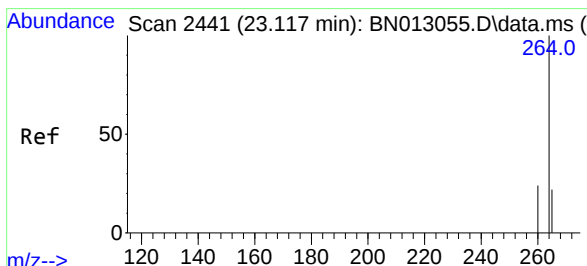
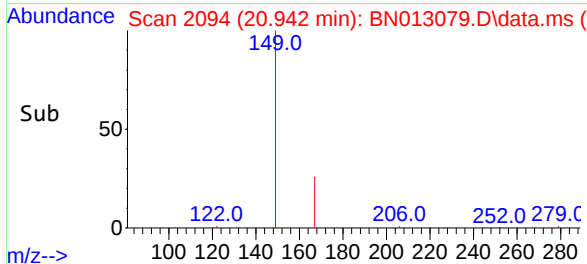
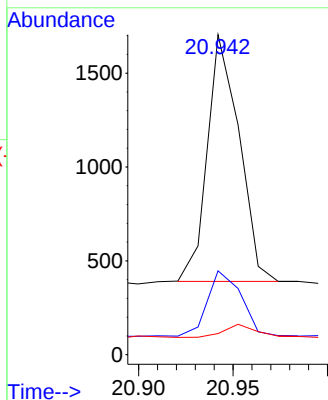
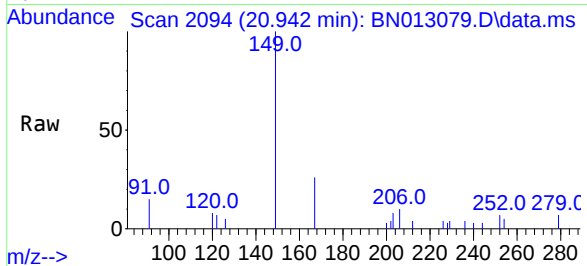




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.17 ng
RT: 20.942 min Scan# 2094
Delta R.T. -0.008 min
Lab File: BN013079.D
Acq: 12 Dec 2020 07:08

Instrument :
BNA_N
ClientSampleId :
RE105D1-20201208

Tgt Ion:149 Resp: 1540
Ion Ratio Lower Upper
149 100
167 28.0 23.2 34.8
279 5.6 3.9 5.9



#36
Perylene-d12
Concen: 0.40 ng
RT: 23.113 min Scan# 2438
Delta R.T. -0.004 min
Lab File: BN013079.D
Acq: 12 Dec 2020 07:08

Tgt Ion:264 Resp: 4651
Ion Ratio Lower Upper
264 100
260 25.3 19.8 29.6
265 76.1 51.4 77.0

