

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121120\
 Data File : BN013075.D
 Acq On : 12 Dec 2020 04:44
 Operator : CG/JU
 Sample : L4960-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-5

Quant Time: Dec 12 05:57:26 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)

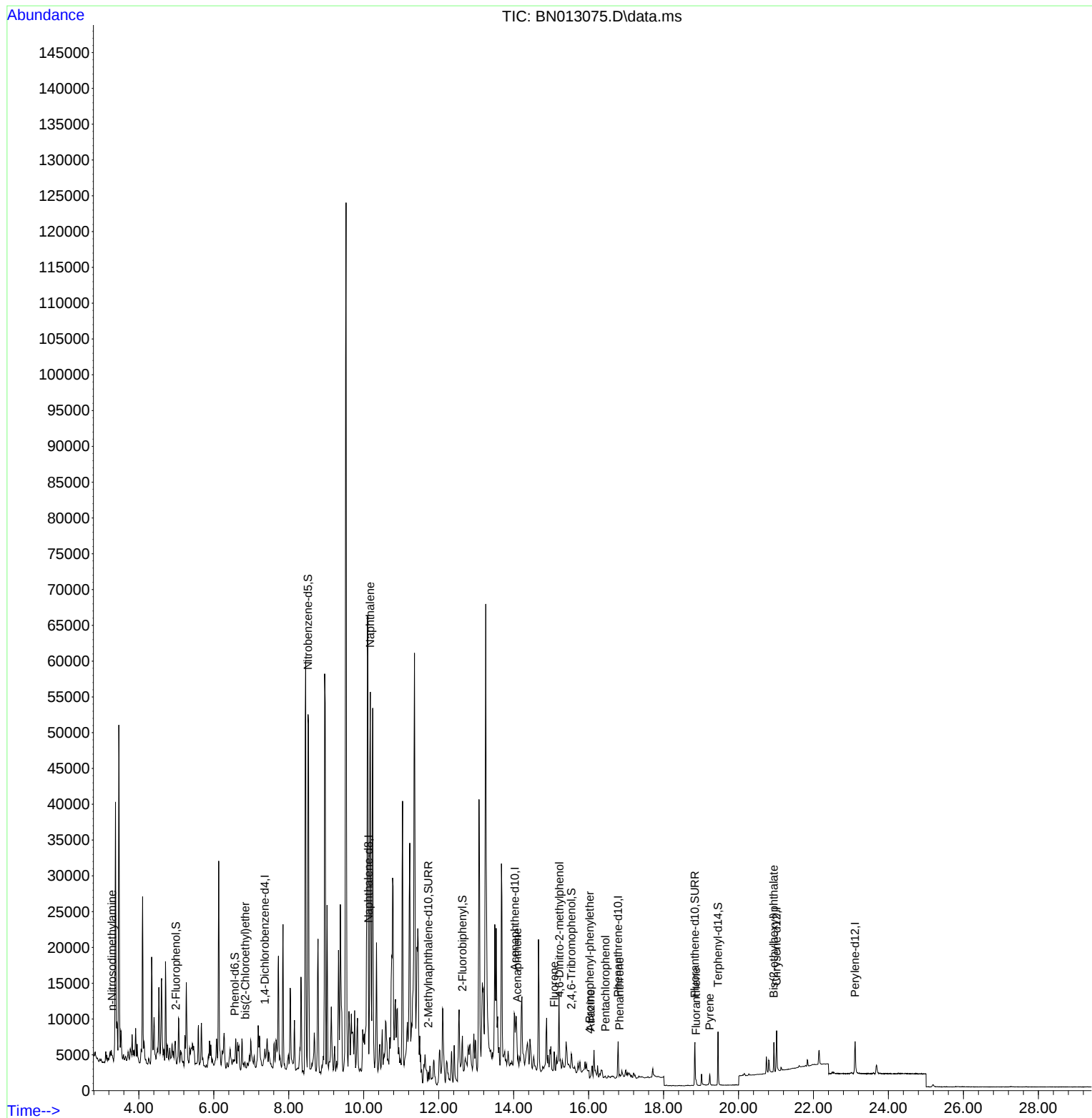
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.362	152	960	0.40	ng	0.00
7) Naphthalene-d8	10.125	136	4195	0.40	ng	#-0.01
13) Acenaphthene-d10	14.029	164	5961	0.40	ng	0.00
19) Phenanthrene-d10	16.788	188	6298	0.40	ng	#-0.01
29) Chrysene-d12	21.016	240	5899	0.40	ng	# 0.00
36) Perylene-d12	23.109	264	5976	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.986	112	479	0.14	ng	0.00
5) Phenol-d6	6.565	99	302	0.08	ng	0.00
8) Nitrobenzene-d5	8.515	82	1341	0.30	ng	-0.01
11) 2-Methylnaphthalene-d10	11.724	152	2407	0.32	ng	-0.02
14) 2,4,6-Tribromophenol	15.539	330	631	0.16	ng	-0.01
15) 2-Fluorobiphenyl	12.633	172	3923	0.15	ng	-0.01
27) Fluoranthene-d10	18.836	212	7135	0.34	ng	0.00
31) Terphenyl-d14	19.451	244	7594	0.52	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.094	88	19	Below Cal	#	20
3) n-Nitrosodimethylamine	3.287	42	444	0.18	ng	# 15
6) bis(2-Chloroethyl)ether	6.839	93	222	0.08	ng	# 7
9) Naphthalene	10.175	128	12433	0.97	ng	# 1
17) Acenaphthene	14.092	154	1145	0.06	ng	# 82
18) Fluorene	15.082	166	1473	0.06	ng	92
20) 4,6-Dinitro-2-methylph...	15.222	198	37	0.12	ng	# 1
21) 4-Bromophenyl-phenylether	16.033	248	107	0.07	ng	# 5
23) Atrazine	16.057	200	331	0.09	ng	# 1
24) Pentachlorophenol	16.447	266	123	0.06	ng	# 86
25) Phenanthrene	16.824	178	604	0.03	ng	# 75
28) Fluoranthene	18.866	202	536	0.02	ng	# 84
30) Pyrene	19.233	202	1405	0.06	ng	# 88
34) Bis(2-ethylhexyl)phtha...	20.942	149	3465	0.26	ng	97

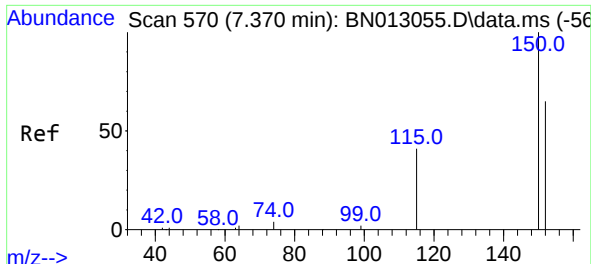
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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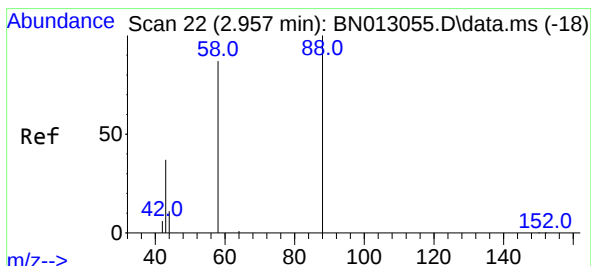
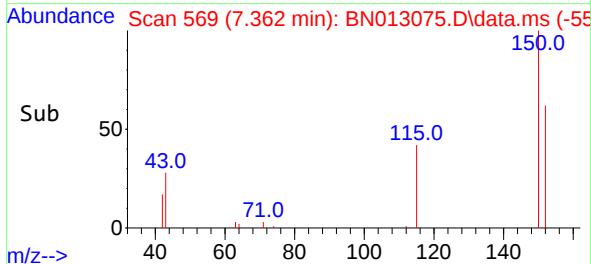
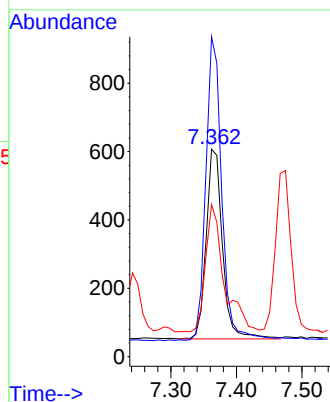
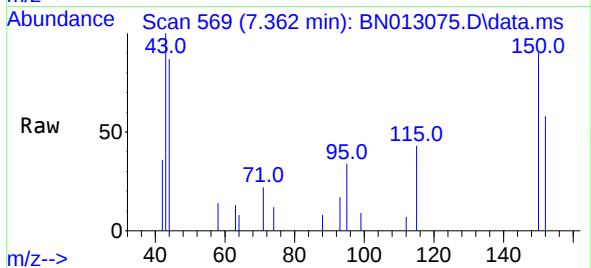




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.362 min Scan# 569
Delta R.T. -0.008 min
Lab File: BN013075.D
Acq: 12 Dec 2020 04:44

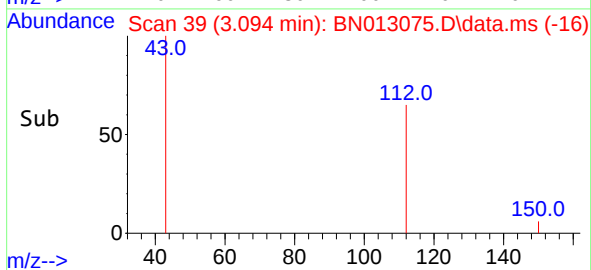
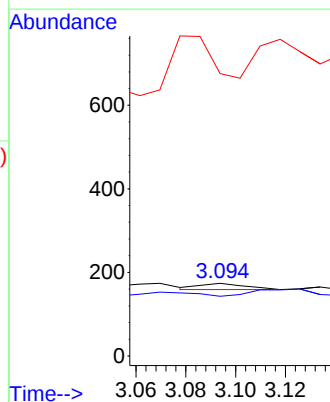
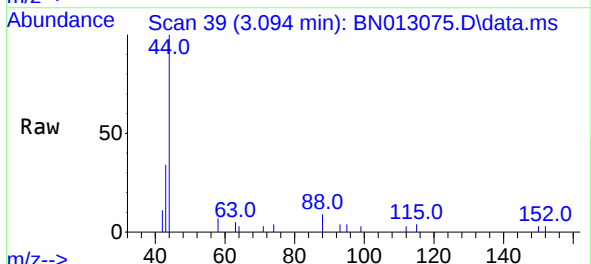
Instrument :
BNA_N
ClientSampleId :
MW-5

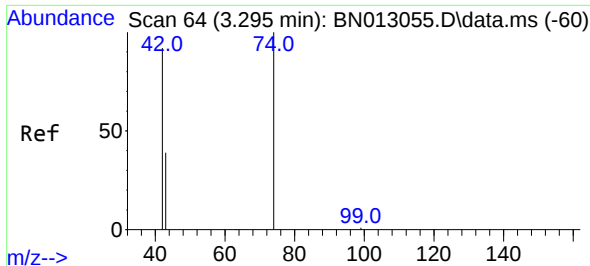
Tgt Ion:152 Resp: 960
Ion Ratio Lower Upper
152 100
150 154.2 116.6 174.8
115 73.3 52.9 79.3



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.094 min Scan# 39
Delta R.T. 0.137 min
Lab File: BN013075.D
Acq: 12 Dec 2020 04:44

Tgt Ion: 88 Resp: 19
Ion Ratio Lower Upper
88 100
58 0.0 59.4 89.2#
43 0.0 32.3 48.5#

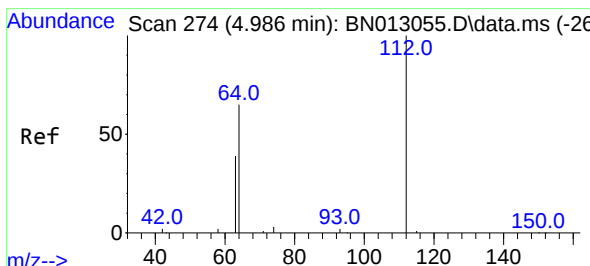
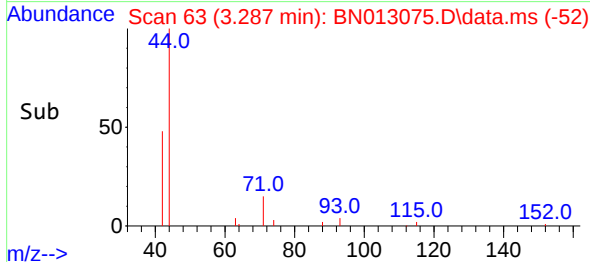
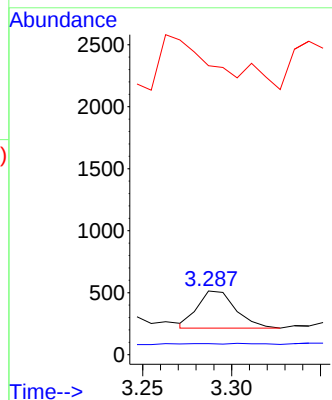
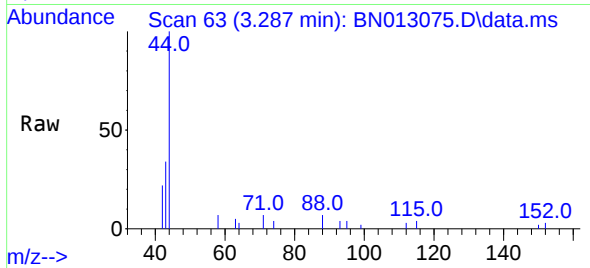




#3
n-Nitrosodimethylamine
Concen: 0.18 ng
RT: 3.287 min Scan# 63
Delta R.T. -0.008 min
Lab File: BN013075.D
Acq: 12 Dec 2020 04:44

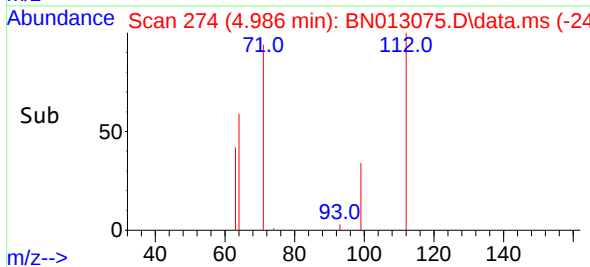
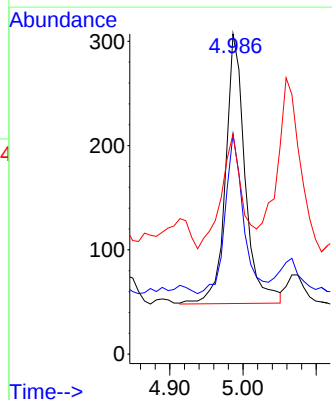
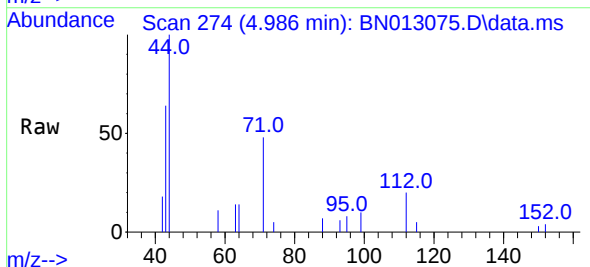
Instrument :
BNA_N
ClientSampleId :
MW-5

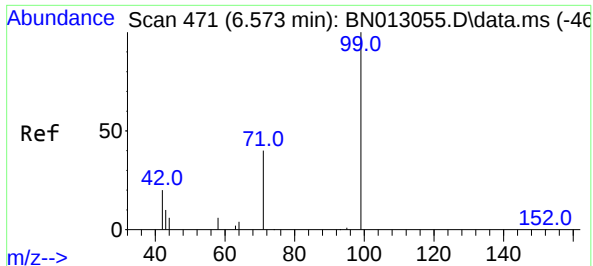
Tgt Ion: 42 Resp: 444
Ion Ratio Lower Upper
42 100
74 2.0 64.4 96.6#
44 0.0 2.8 4.2#



#4
2-Fluorophenol
Concen: 0.14 ng
RT: 4.986 min Scan# 274
Delta R.T. -0.000 min
Lab File: BN013075.D
Acq: 12 Dec 2020 04:44

Tgt Ion: 112 Resp: 479
Ion Ratio Lower Upper
112 100
64 55.3 49.5 74.3
63 48.9 32.0 48.0#

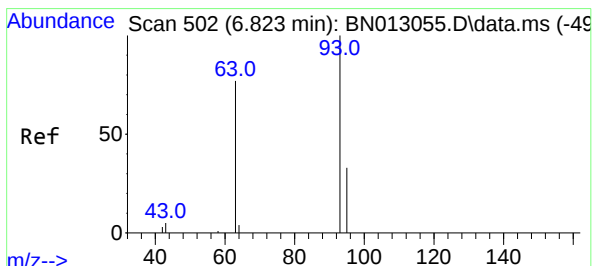
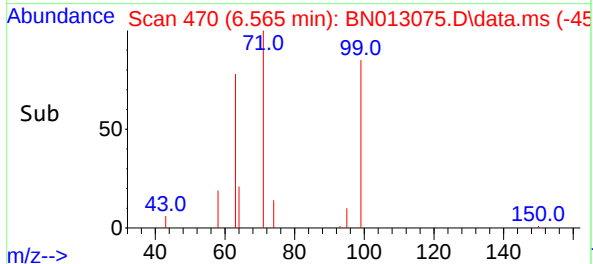
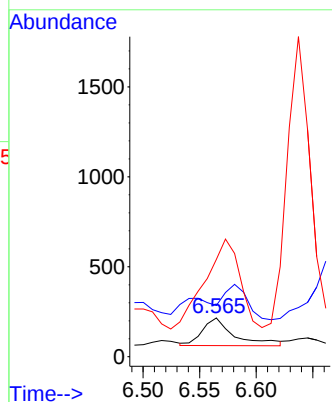
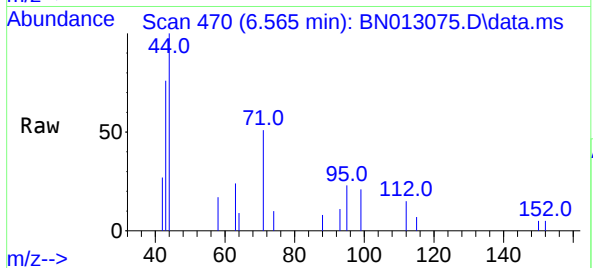




#5
Phenol-d6
Concen: 0.08 ng
RT: 6.565 min Scan# 470
Delta R.T. -0.008 min
Lab File: BN013075.D
Acq: 12 Dec 2020 04:44

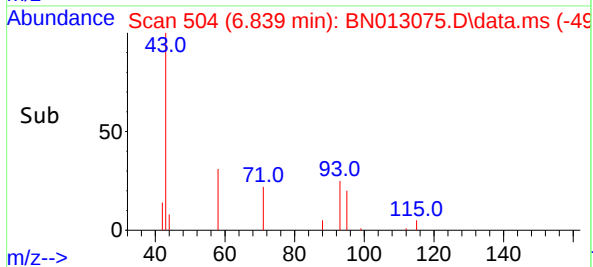
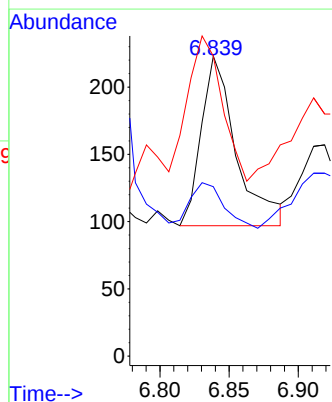
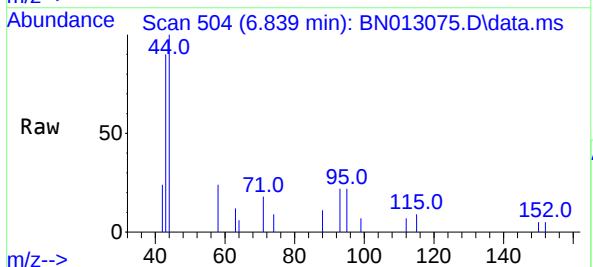
Instrument :
BNA_N
ClientSampled :
MW-5

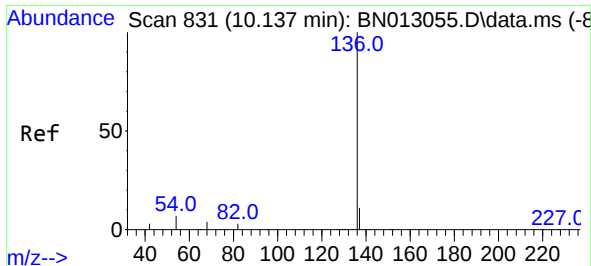
Tgt Ion: 99 Resp: 302
Ion Ratio Lower Upper
99 100
42 88.7 22.4 33.6#
71 370.5 37.8 56.6#



#6
bis(2-Chloroethyl)ether
Concen: 0.08 ng
RT: 6.839 min Scan# 504
Delta R.T. 0.016 min
Lab File: BN013075.D
Acq: 12 Dec 2020 04:44

Tgt Ion: 93 Resp: 222
Ion Ratio Lower Upper
93 100
63 0.0 63.1 94.7#
95 88.3 26.1 39.1#

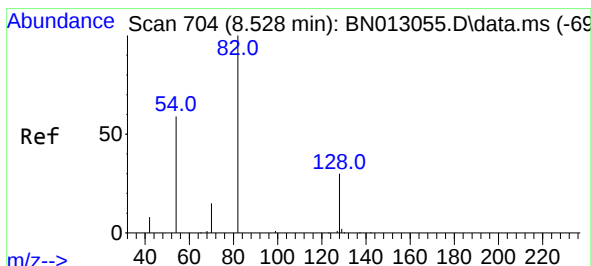
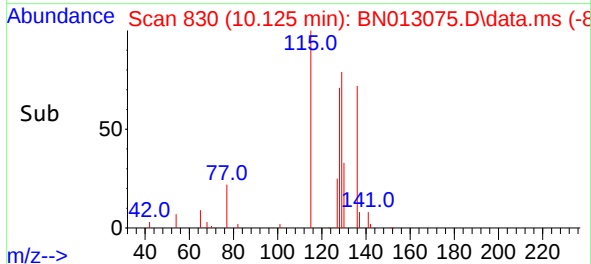
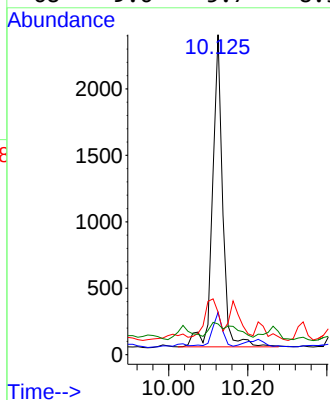
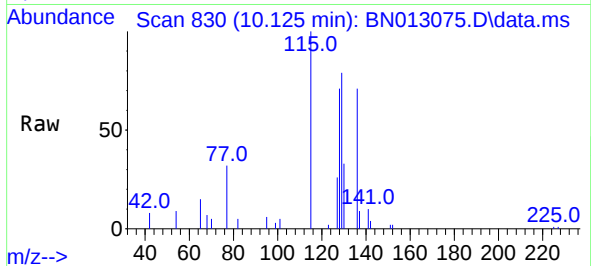




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.125 min Scan# 830
Delta R.T. -0.013 min
Lab File: BN013075.D
Acq: 12 Dec 2020 04:44

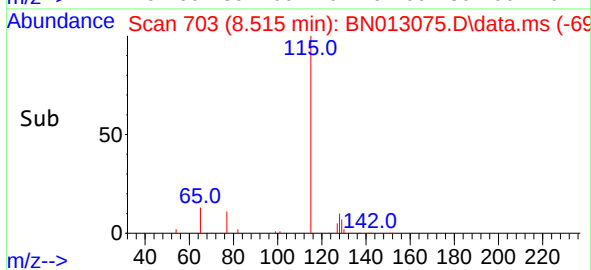
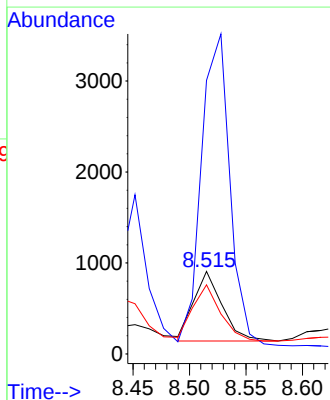
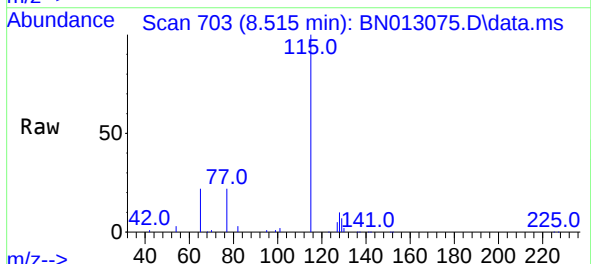
Instrument :
BNA_N
ClientSampleId :
MW-5

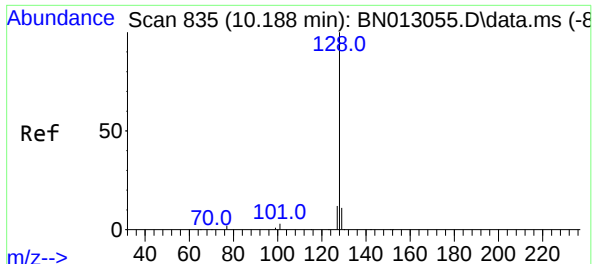
Tgt Ion:	136	Resp:	4195
Ion Ratio	Lower	Upper	
136	100		
137	13.2	10.6	15.8
54	13.3	8.6	12.8#
68	9.6	5.7	8.5#



#8
Nitrobenzene-d5
Concen: 0.30 ng
RT: 8.515 min Scan# 703
Delta R.T. -0.013 min
Lab File: BN013075.D
Acq: 12 Dec 2020 04:44

Tgt Ion:	82	Resp:	1341
Ion Ratio	Lower	Upper	
82	100		
128	331.6	30.6	46.0#
54	83.7	48.3	72.5#

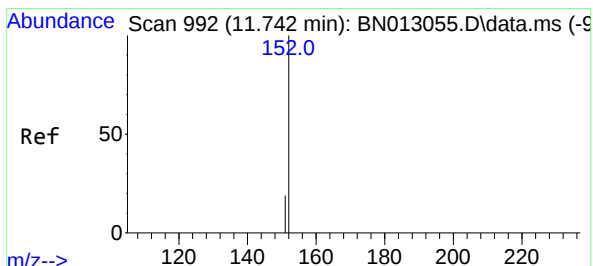
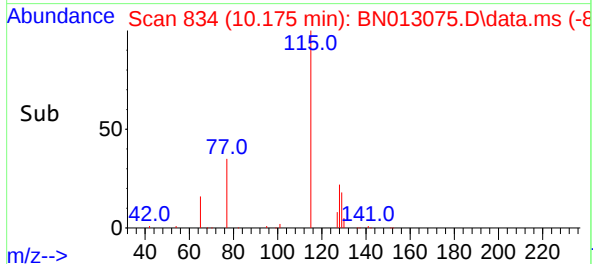
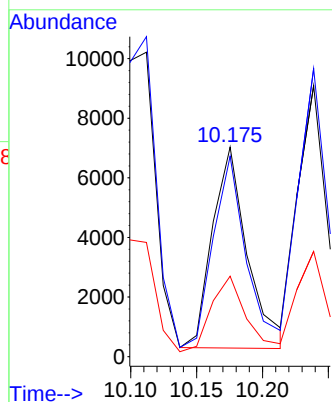
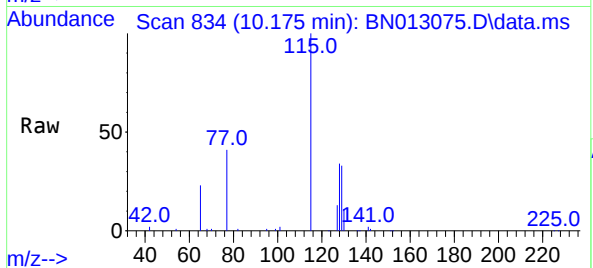




#9
Naphthalene
Concen: 0.97 ng
RT: 10.175 min Scan# 834
Delta R.T. -0.013 min
Lab File: BN013075.D
Acq: 12 Dec 2020 04:44

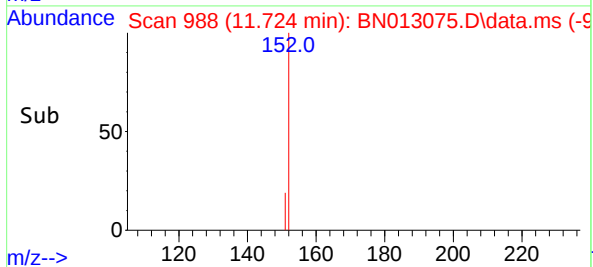
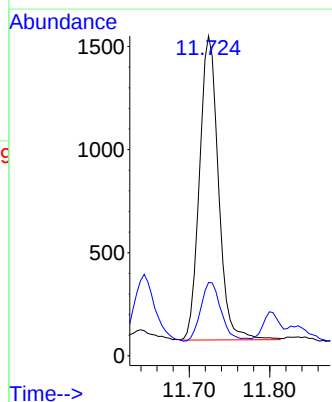
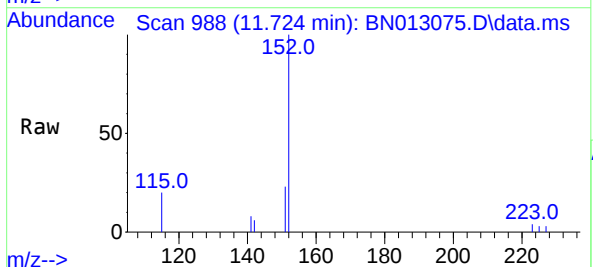
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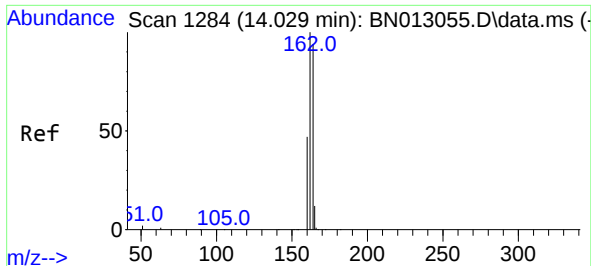
Tgt Ion:128 Resp: 12433
Ion Ratio Lower Upper
128 100
129 95.6 9.8 14.8#
127 38.4 12.2 18.4#



#11
2-Methylnaphthalene-d10
Concen: 0.32 ng
RT: 11.724 min Scan# 988
Delta R.T. -0.018 min
Lab File: BN013075.D
Acq: 12 Dec 2020 04:44

Tgt Ion:152 Resp: 2407
Ion Ratio Lower Upper
152 100
151 21.0 16.7 25.1

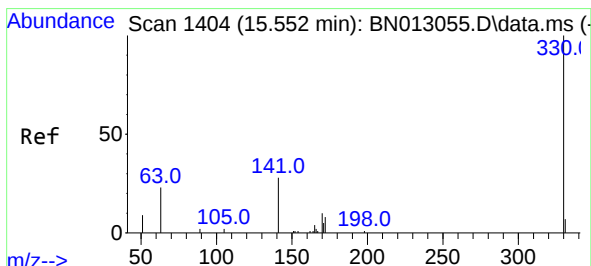
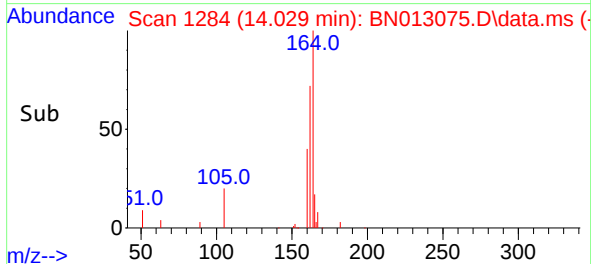
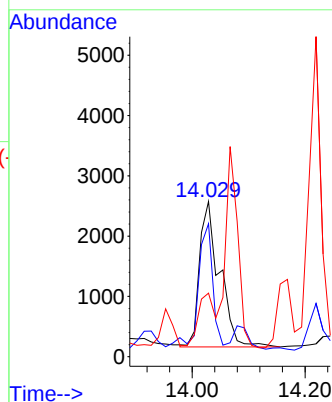
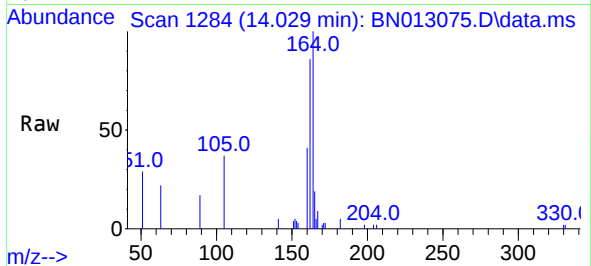




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.029 min Scan# 1284
Delta R.T. -0.000 min
Lab File: BN013075.D
Acq: 12 Dec 2020 04:44

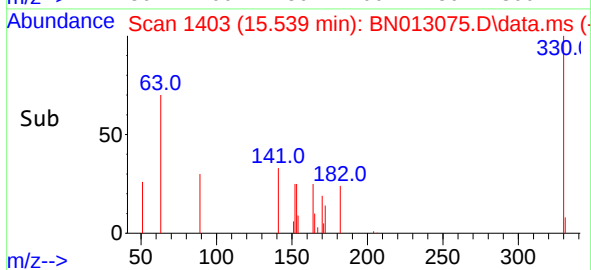
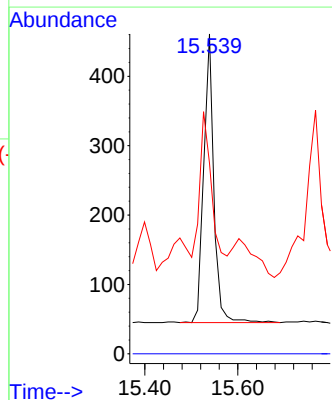
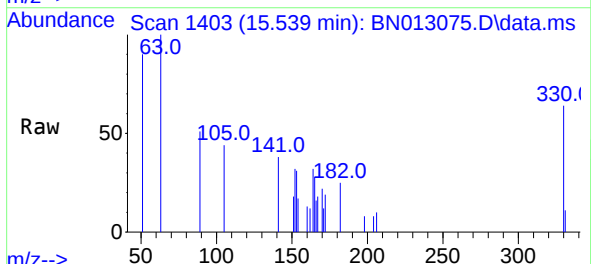
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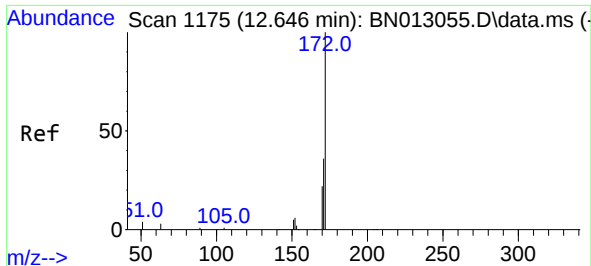
Tgt Ion:	164	Resp:	5961
Ion	Ratio	Lower	Upper
164	100		
162	85.7	80.6	120.8
160	40.9	39.5	59.3



#14
2,4,6-Tribromophenol
Concen: 0.16 ng
RT: 15.539 min Scan# 1403
Delta R.T. -0.013 min
Lab File: BN013075.D
Acq: 12 Dec 2020 04:44

Tgt Ion:	330	Resp:	631
Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	57.4	34.4	51.6#

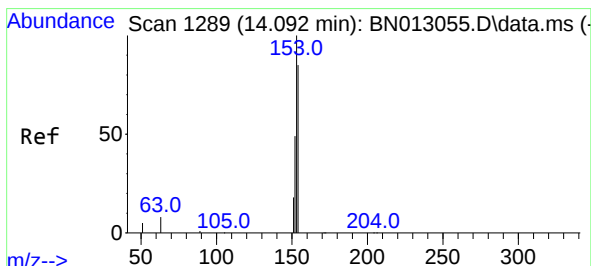
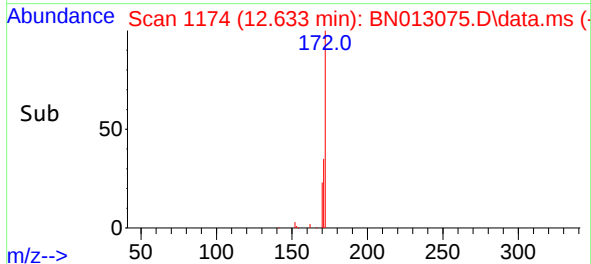
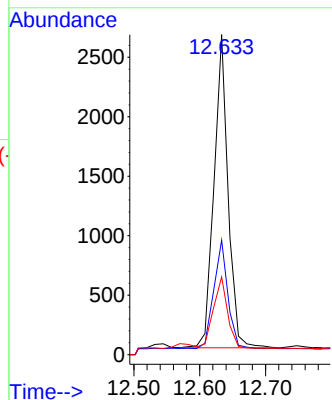
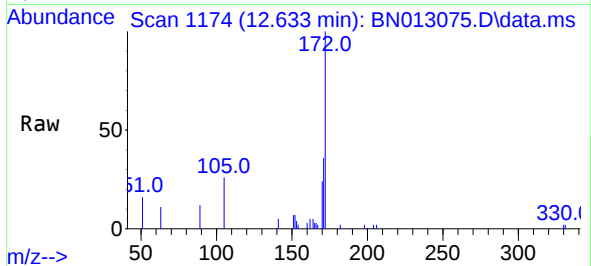




#15
2-Fluorobiphenyl
Concen: 0.15 ng
RT: 12.633 min Scan# 1174
Delta R.T. -0.013 min
Lab File: BN013075.D
Acq: 12 Dec 2020 04:44

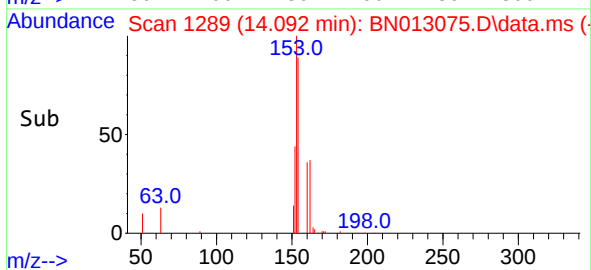
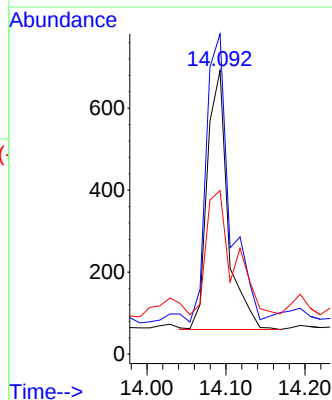
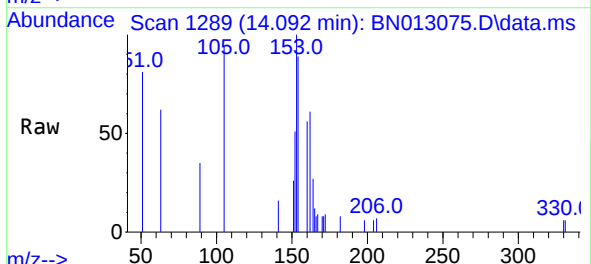
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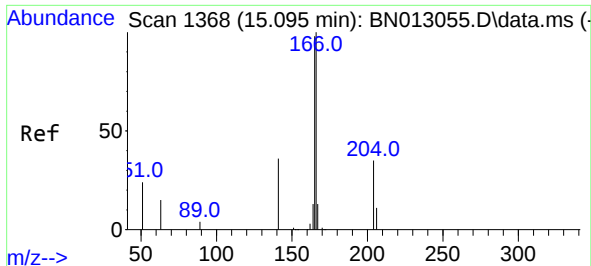
Tgt Ion:	172	Resp:	3923
Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.2	42.4
170	24.3	20.0	30.0



#17
Acenaphthene
Concen: 0.06 ng
RT: 14.092 min Scan# 1289
Delta R.T. -0.000 min
Lab File: BN013075.D
Acq: 12 Dec 2020 04:44

Tgt Ion:	154	Resp:	1145
Ion	Ratio	Lower	Upper
154	100		
153	125.8	83.6	125.4#
152	63.5	43.9	65.9

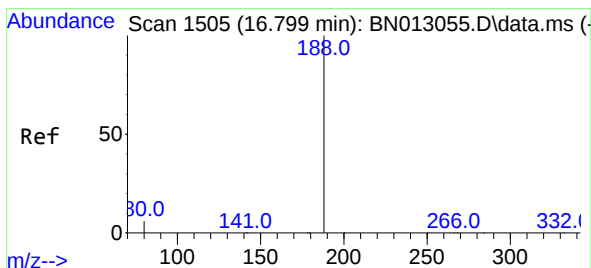
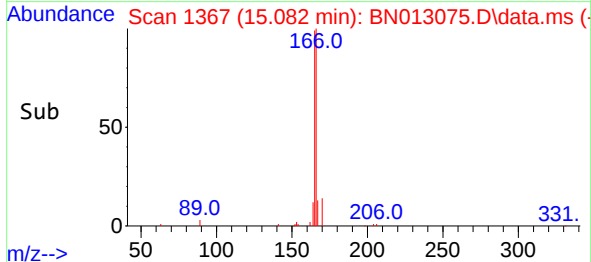
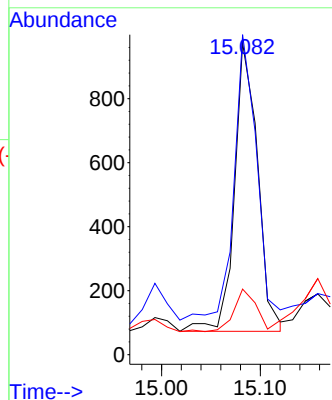
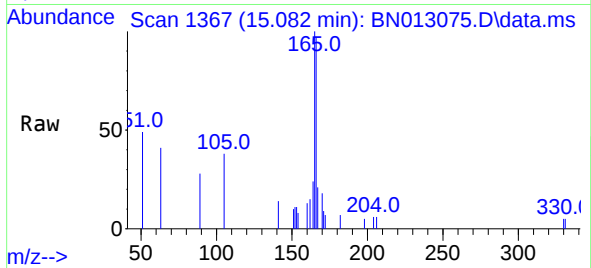




#18
Fluorene
Concen: 0.06 ng
RT: 15.082 min Scan# 1367
Delta R.T. -0.013 min
Lab File: BN013075.D
Acq: 12 Dec 2020 04:44

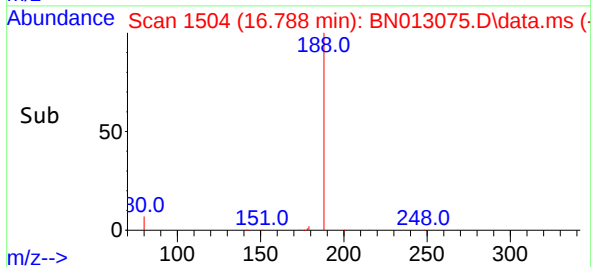
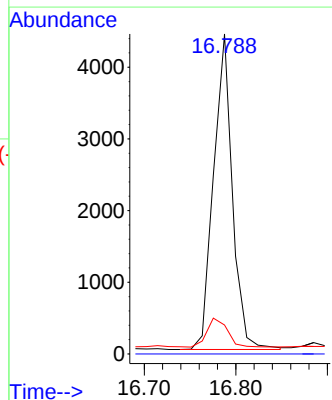
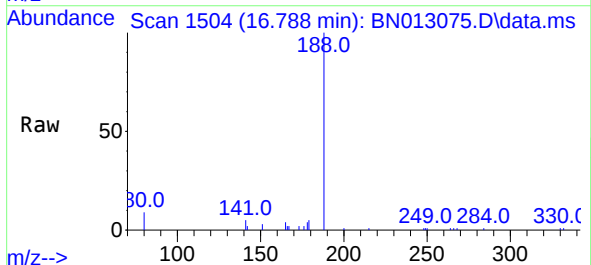
Instrument :
BNA_N
ClientSampleId :
MW-5

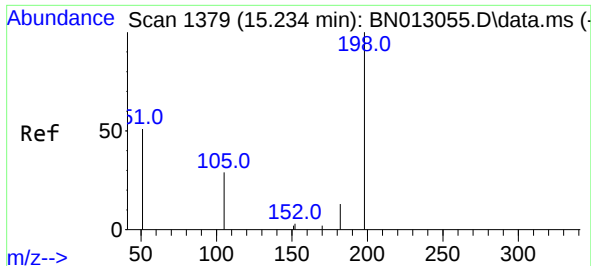
Tgt Ion:166 Resp: 1473
Ion Ratio Lower Upper
166 100
165 89.0 78.6 118.0
167 14.2 10.7 16.1



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.788 min Scan# 1504
Delta R.T. -0.012 min
Lab File: BN013075.D
Acq: 12 Dec 2020 04:44

Tgt Ion:188 Resp: 6298
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.1 5.0 7.4#

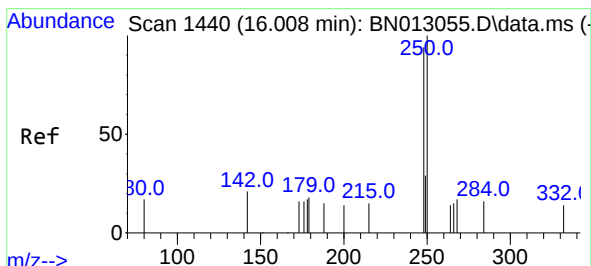
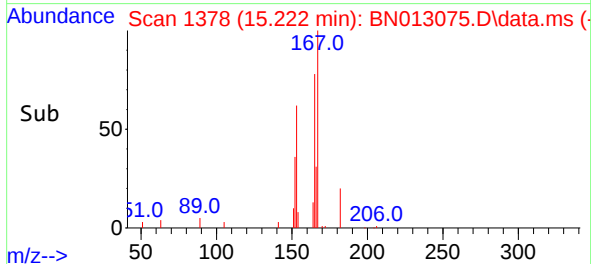
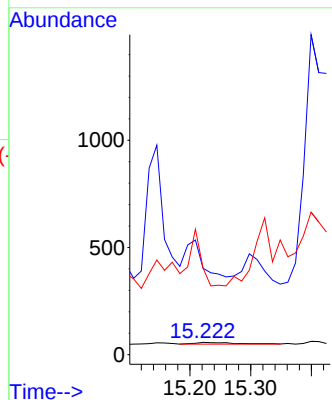
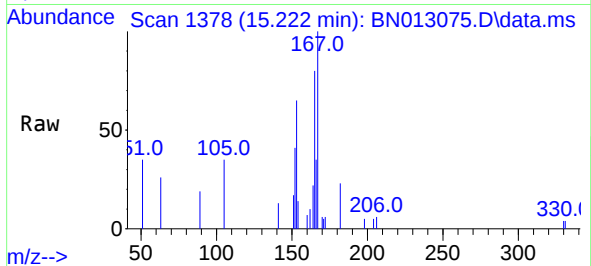




#20
4,6-Dinitro-2-methylphenol
Concen: 0.12 ng
RT: 15.222 min Scan# 1378
Delta R.T. -0.012 min
Lab File: BN013075.D
Acq: 12 Dec 2020 04:44

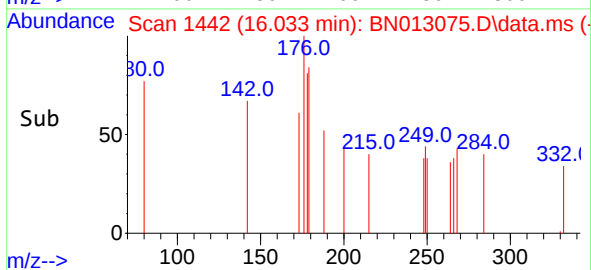
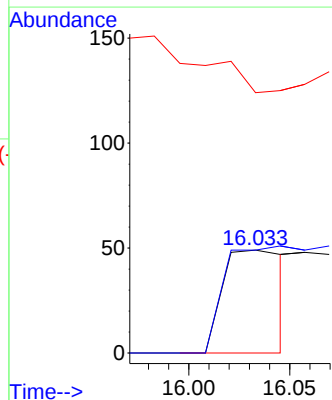
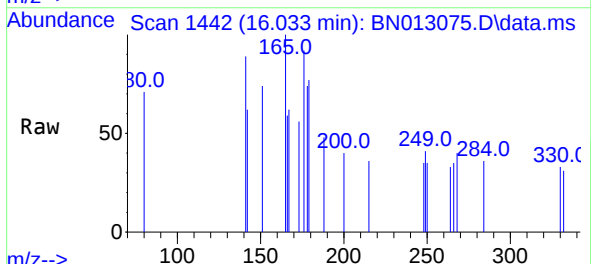
Instrument :
BNA_N
ClientSampleId :
MW-5

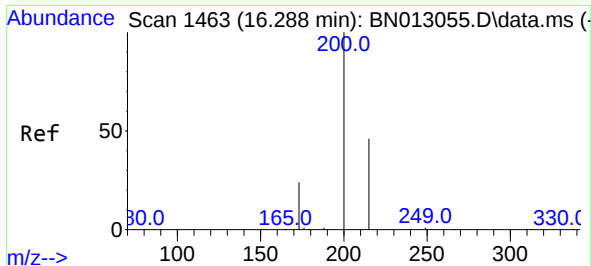
Tgt Ion:198 Resp: 37
Ion Ratio Lower Upper
198 100
51 707.0 43.5 65.3#
105 708.8 27.2 40.8#



#21
4-Bromophenyl-phenylether
Concen: 0.07 ng
RT: 16.033 min Scan# 1442
Delta R.T. 0.025 min
Lab File: BN013075.D
Acq: 12 Dec 2020 04:44

Tgt Ion:248 Resp: 107
Ion Ratio Lower Upper
248 100
250 100.0 77.3 115.9
141 253.1 57.8 86.8#

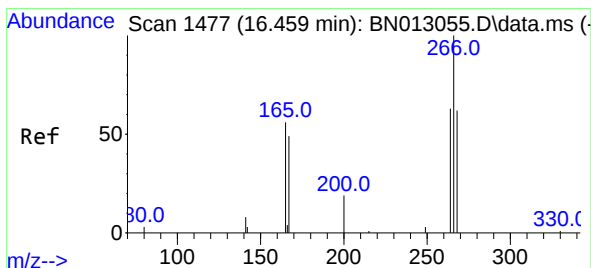
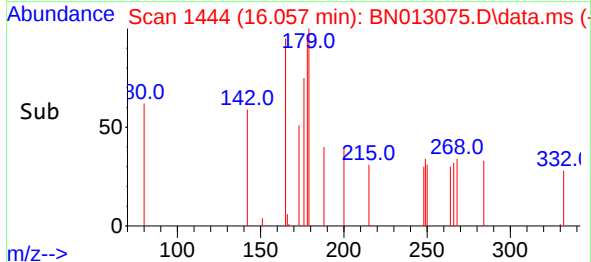
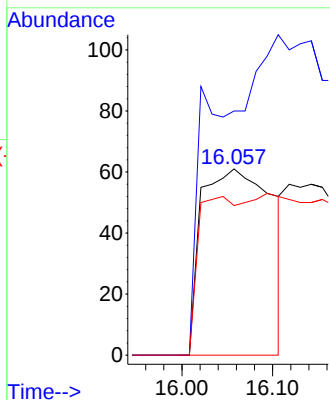
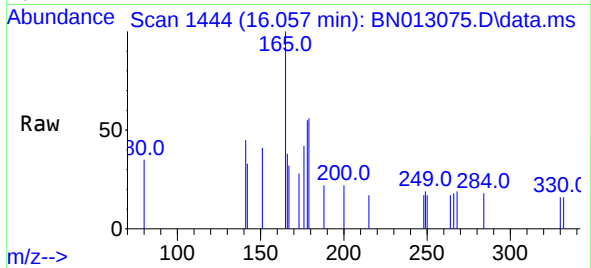




#23
Atrazine
Concen: 0.09 ng
RT: 16.057 min Scan# 1444
Delta R.T. -0.231 min
Lab File: BN013075.D
Acq: 12 Dec 2020 04:44

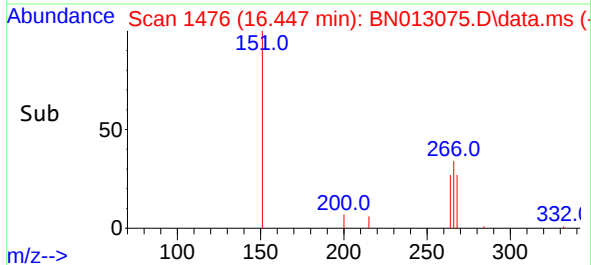
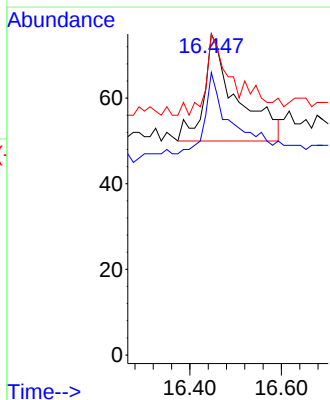
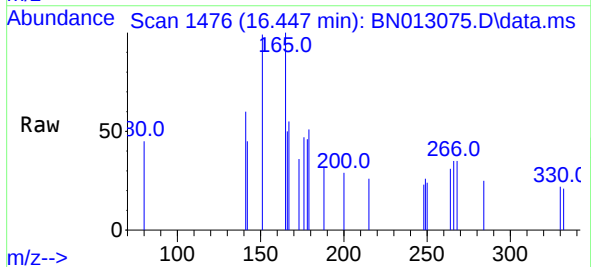
Instrument :
BNA_N
ClientSampleId :
MW-5

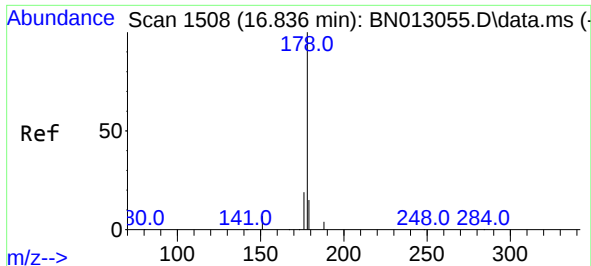
Tgt Ion:200 Resp: 331
Ion Ratio Lower Upper
200 100
173 131.1 22.8 34.2#
215 80.3 38.1 57.1#



#24
Pentachlorophenol
Concen: 0.06 ng
RT: 16.447 min Scan# 1476
Delta R.T. -0.012 min
Lab File: BN013075.D
Acq: 12 Dec 2020 04:44

Tgt Ion:266 Resp: 123
Ion Ratio Lower Upper
266 100
264 67.5 50.9 76.3
268 47.2 51.5 77.3#

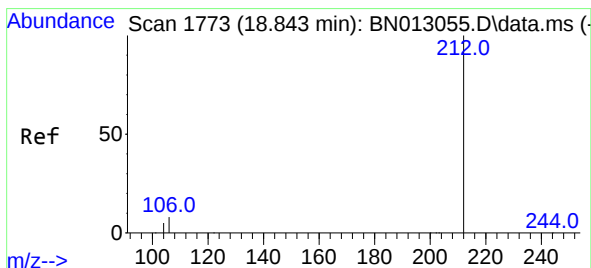
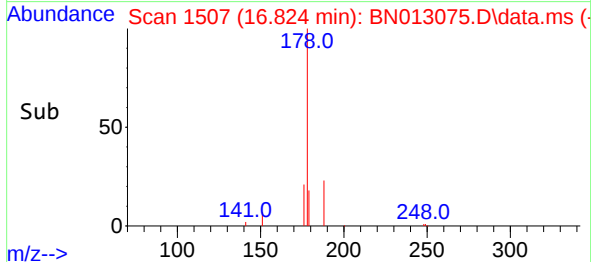
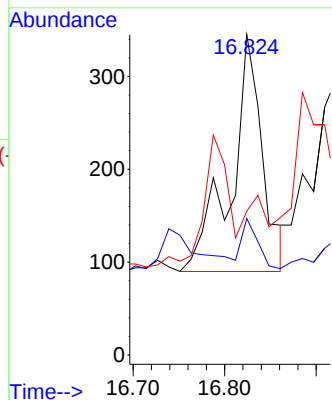
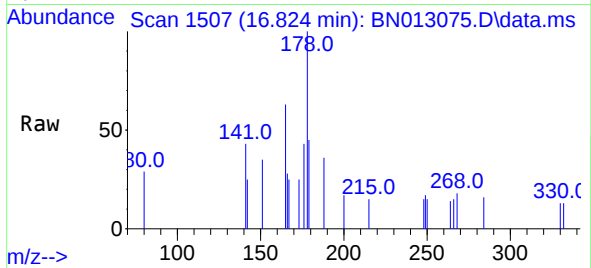




#25
Phenanthrene
Concen: 0.03 ng
RT: 16.824 min Scan# 1507
Delta R.T. -0.012 min
Lab File: BN013075.D
Acq: 12 Dec 2020 04:44

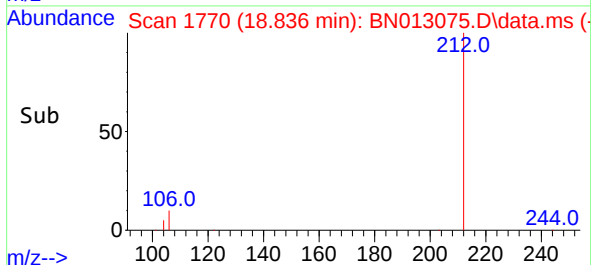
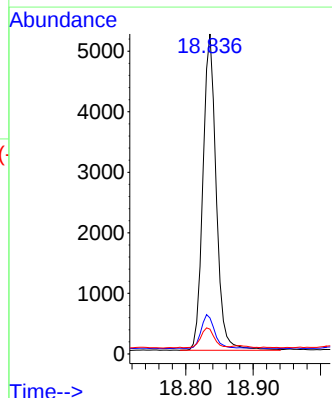
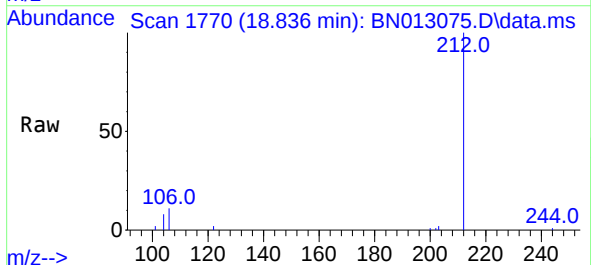
Instrument :
BNA_N
ClientSampleId :
MW-5

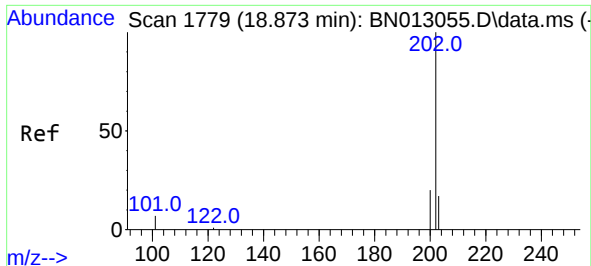
Tgt Ion:178 Resp: 604
Ion Ratio Lower Upper
178 100
176 11.8 14.8 22.2#
179 0.0 12.4 18.6#



#27
Fluoranthene-d10
Concen: 0.34 ng
RT: 18.836 min Scan# 1770
Delta R.T. -0.007 min
Lab File: BN013075.D
Acq: 12 Dec 2020 04:44

Tgt Ion:212 Resp: 7135
Ion Ratio Lower Upper
212 100
106 11.0 6.8 10.2#
104 6.4 4.1 6.1#

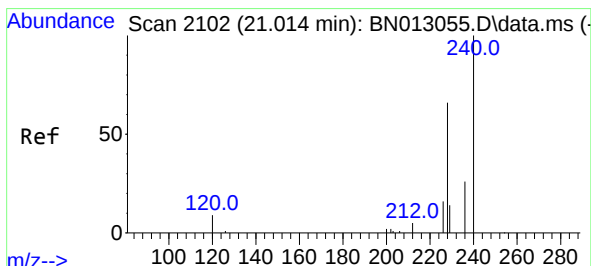
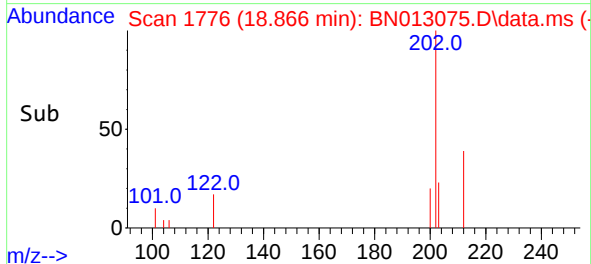
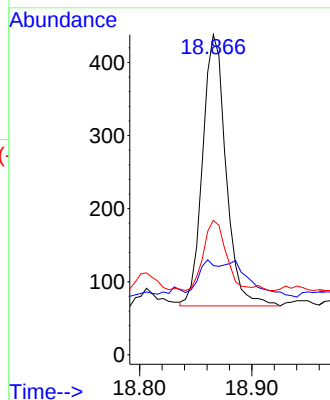
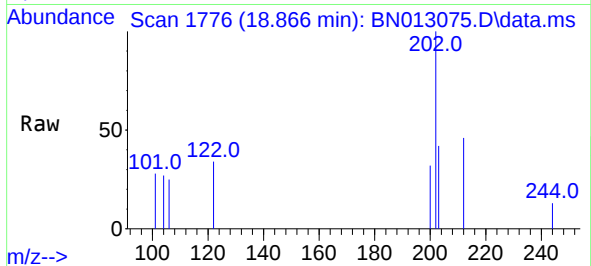




#28
Fluoranthene
Concen: 0.02 ng
RT: 18.866 min Scan# 1776
Delta R.T. -0.007 min
Lab File: BN013075.D
Acq: 12 Dec 2020 04:44

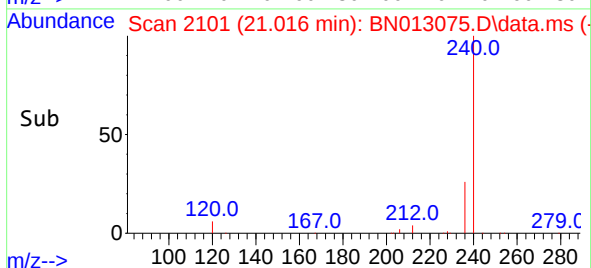
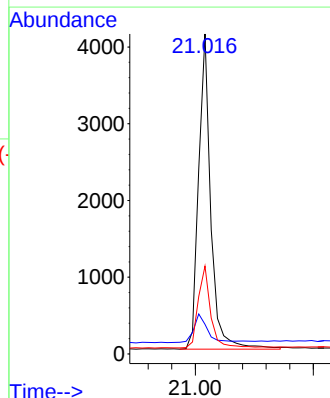
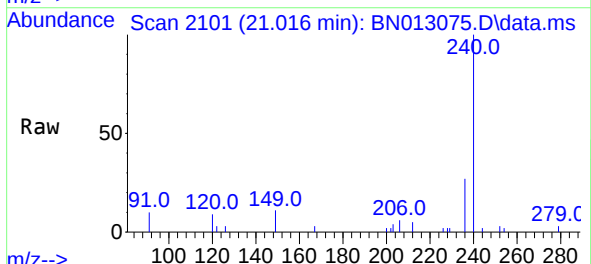
Instrument :
BNA_N
ClientSampleId :
MW-5

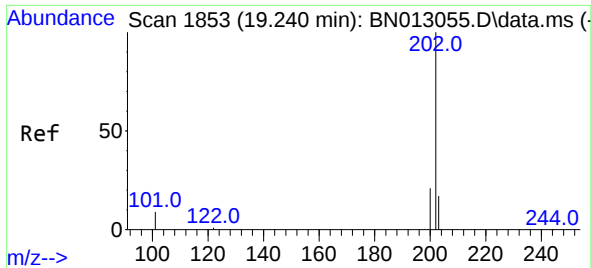
Tgt Ion:202 Resp: 536
Ion Ratio Lower Upper
202 100
101 9.7 5.8 8.6#
203 25.6 13.7 20.5#



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.016 min Scan# 2101
Delta R.T. 0.003 min
Lab File: BN013075.D
Acq: 12 Dec 2020 04:44

Tgt Ion:240 Resp: 5899
Ion Ratio Lower Upper
240 100
120 9.3 5.3 7.9#
236 27.5 21.8 32.8

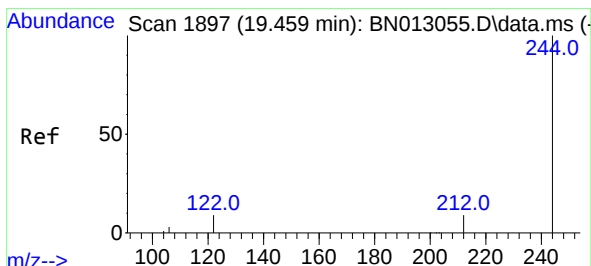
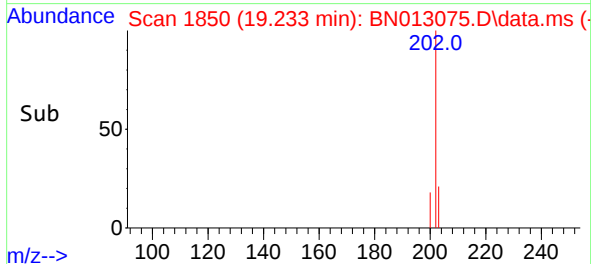
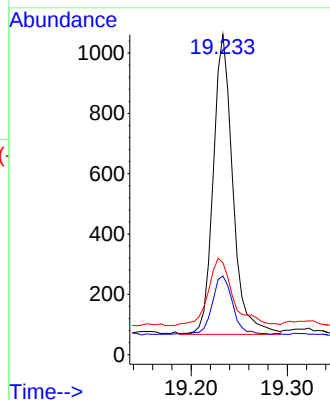
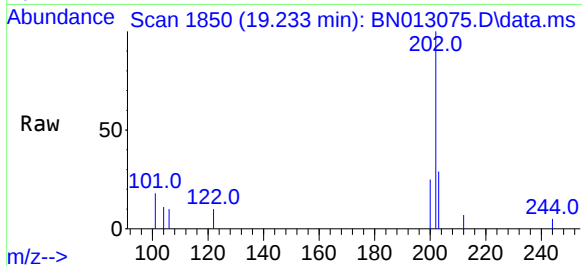




#30
 Pyrene
 Concen: 0.06 ng
 RT: 19.233 min Scan# 1850
 Delta R.T. -0.007 min
 Lab File: BN013075.D
 Acq: 12 Dec 2020 04:44

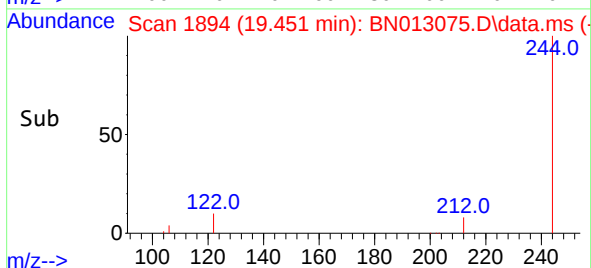
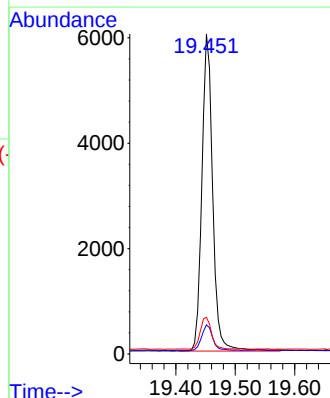
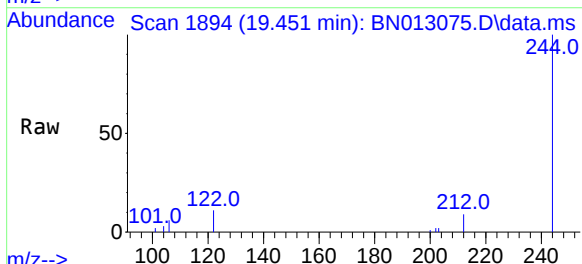
Instrument :
 BNA_N
 ClientSampleId :
 MW-5

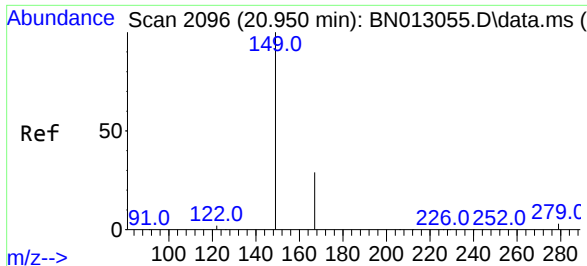
Tgt Ion:	202	Resp:	1405
Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.6	24.8
203	28.0	13.8	20.8#



#31
 Terphenyl-d14
 Concen: 0.52 ng
 RT: 19.451 min Scan# 1894
 Delta R.T. -0.007 min
 Lab File: BN013075.D
 Acq: 12 Dec 2020 04:44

Tgt Ion:	244	Resp:	7594
Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.3	10.9
122	11.5	7.3	10.9#

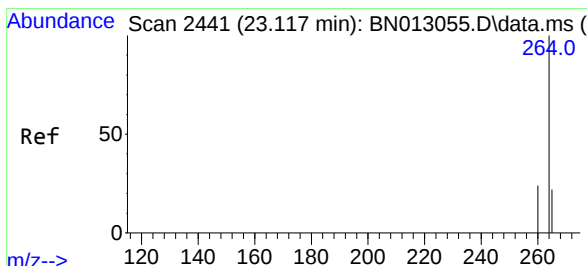
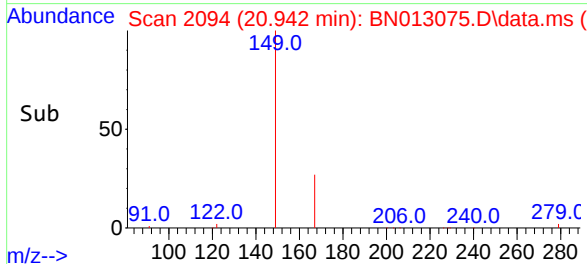
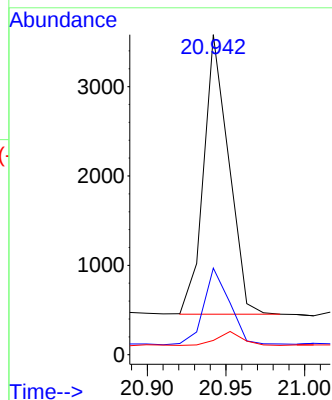
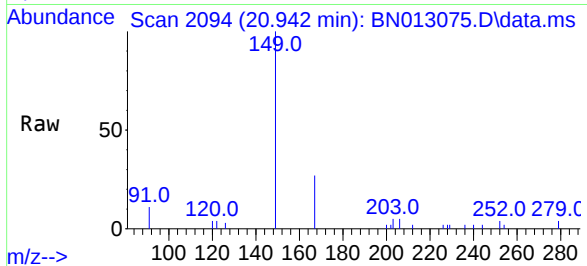




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.26 ng
RT: 20.942 min Scan# 2094
Delta R.T. -0.008 min
Lab File: BN013075.D
Acq: 12 Dec 2020 04:44

Instrument :
BNA_N
ClientSampleId :
MW-5

Tgt Ion:149 Resp: 3465
Ion Ratio Lower Upper
149 100
167 27.2 23.2 34.8
279 4.9 3.9 5.9



#36
Perylene-d12
Concen: 0.40 ng
RT: 23.109 min Scan# 2437
Delta R.T. -0.008 min
Lab File: BN013075.D
Acq: 12 Dec 2020 04:44

Tgt Ion:264 Resp: 5976
Ion Ratio Lower Upper
264 100
260 25.3 19.8 29.6
265 63.3 51.4 77.0

