

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122220\
 Data File : BN013250.D
 Acq On : 21 Dec 2020 23:29
 Operator : CG/JU
 Sample : L5123-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW203D-20201213

Quant Time: Dec 22 01:06:50 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)

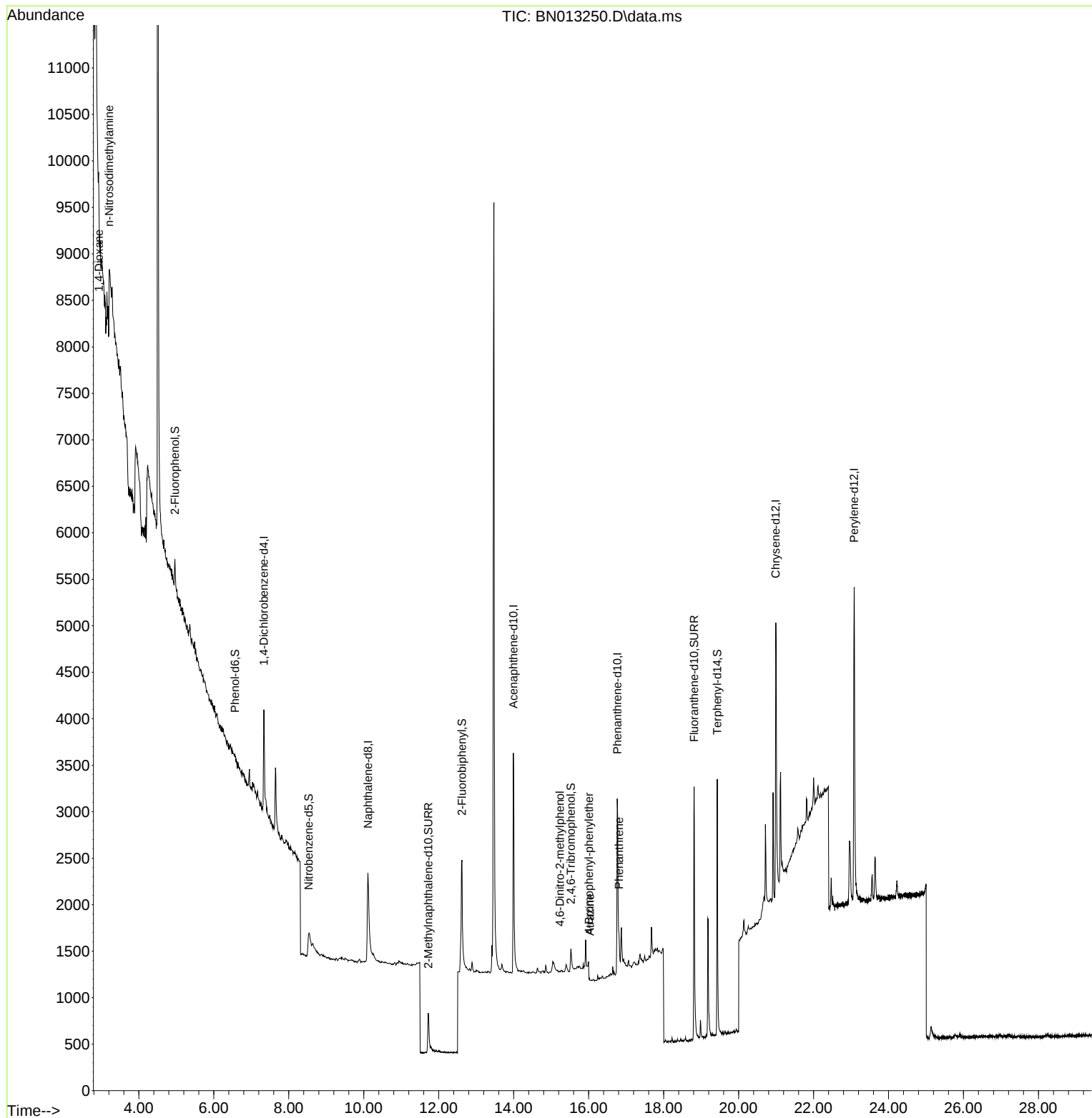
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.338	152	721	0.40	ng	0.00
7) Naphthalene-d8	10.112	136	2542	0.40	ng	# 0.00
13) Acenaphthene-d10	13.991	164	1653	0.40	ng	-0.01
19) Phenanthrene-d10	16.763	188	3561	0.40	ng	#-0.01
29) Chrysene-d12	20.992	240	3948	0.40	ng	#-0.01
36) Perylene-d12	23.082	264	4664	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	4.962	112	289	0.10	ng	0.00
5) Phenol-d6	6.565	99	138	0.05	ng	0.02
8) Nitrobenzene-d5	8.528	82	632	0.24	ng	0.00
11) 2-Methylnaphthalene-d10	11.724	152	1032	0.23	ng	0.00
14) 2,4,6-Tribromophenol	15.526	330	242	0.23	ng	-0.01
15) 2-Fluorobiphenyl	12.621	172	1648	0.24	ng	-0.01
27) Fluoranthene-d10	18.813	212	3830	0.33	ng	0.00
31) Terphenyl-d14	19.429	244	3342	0.33	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.933	88	499	0.40	ng	# 69
3) n-Nitrosodimethylamine	3.206	42	129	0.06	ng	# 12
20) 4,6-Dinitro-2-methylph...	15.234	198	2	0.19	ng	# 1
21) 4-Bromophenyl-phenylether	16.008	248	102	0.15	ng	# 66
23) Atrazine	16.032	200	209	0.10	ng	# 1
25) Phenanthrene	16.811	178	361	0.03	ng	98
34) Bis(2-ethylhexyl)phtha...	20.918	149	1065	Below	Cal	93

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

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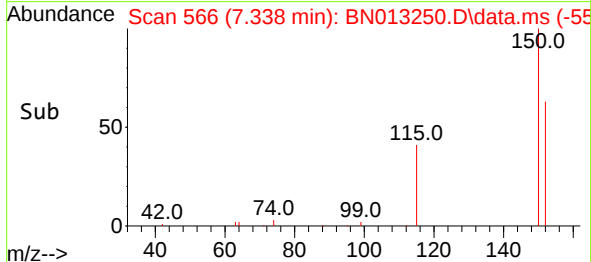
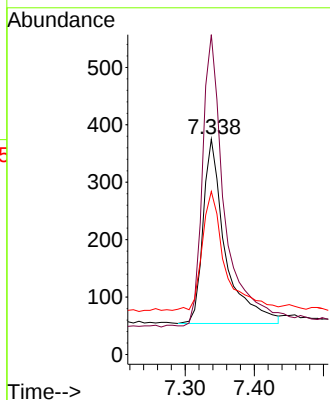
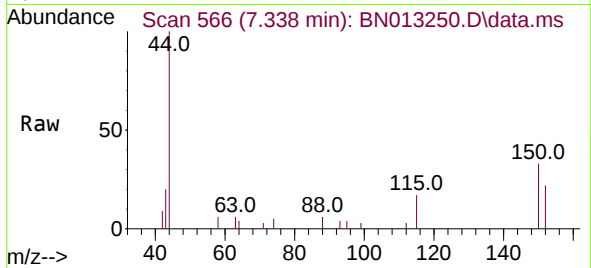




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.338 min Scan# 566
Delta R.T. -0.008 min
Lab File: BN013250.D
Acq: 21 Dec 2020 23:29

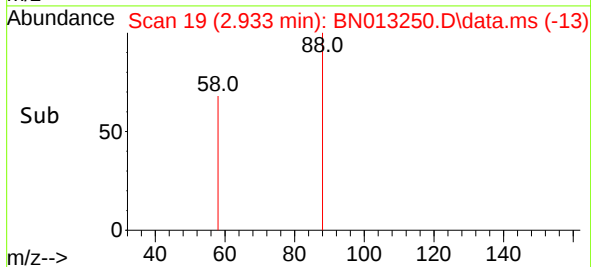
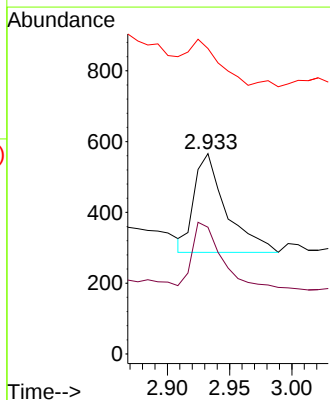
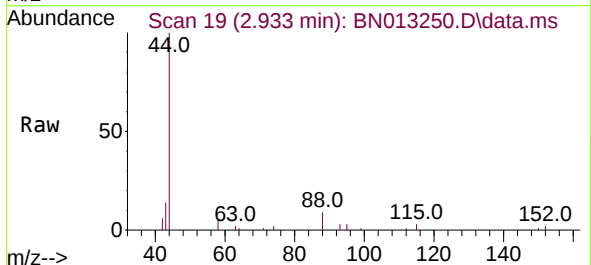
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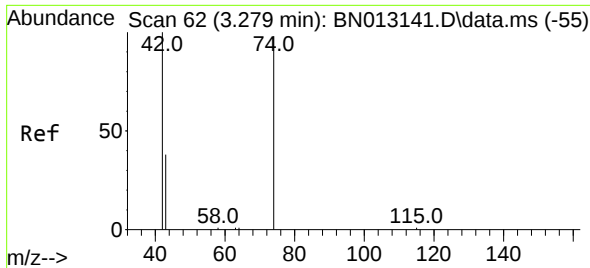
Tgt Ion:152 Resp: 721
Ion Ratio Lower Upper
152 100
150 148.5 116.6 174.8
115 75.7 52.9 79.3



#2
1,4-Dioxane
Concen: 0.40 ng
RT: 2.933 min Scan# 19
Delta R.T. -0.000 min
Lab File: BN013250.D
Acq: 21 Dec 2020 23:29

Tgt Ion: 88 Resp: 499
Ion Ratio Lower Upper
88 100
58 85.2 59.4 89.2
43 0.0 32.3 48.5#

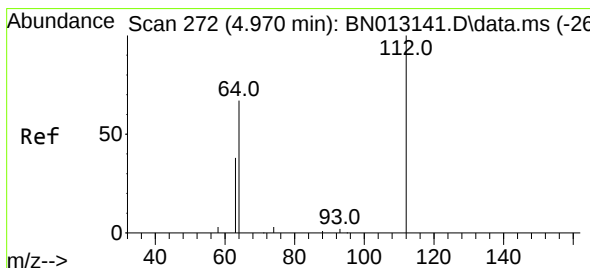
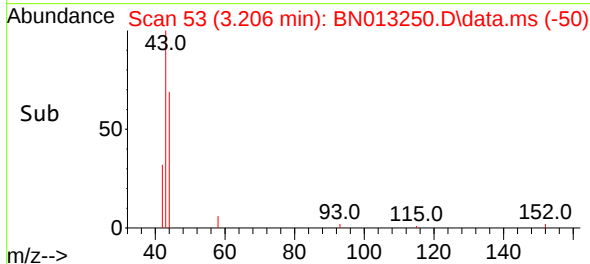
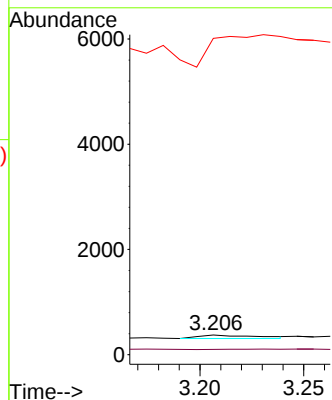
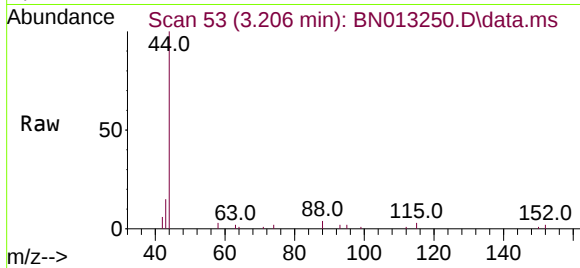




#3
n-Nitrosodimethylamine
Concen: 0.06 ng
RT: 3.206 min Scan# 53
Delta R.T. -0.073 min
Lab File: BN013250.D
Acq: 21 Dec 2020 23:29

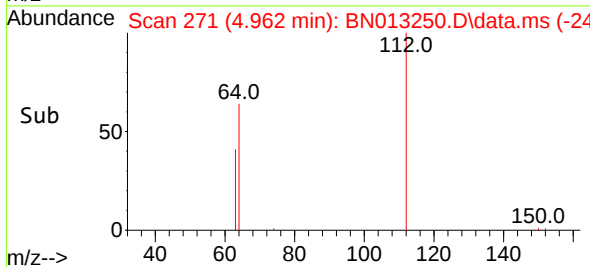
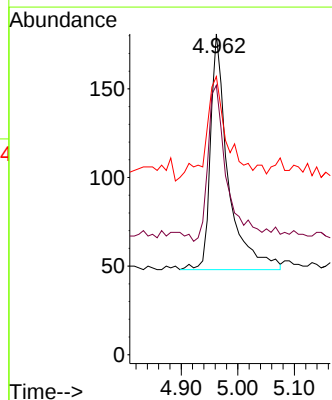
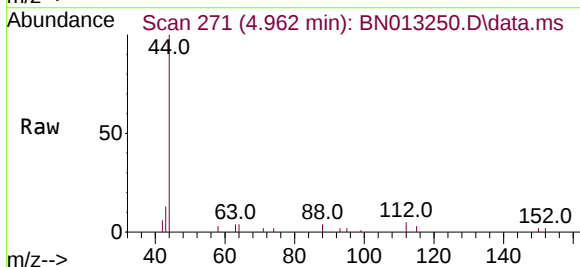
Instrument :
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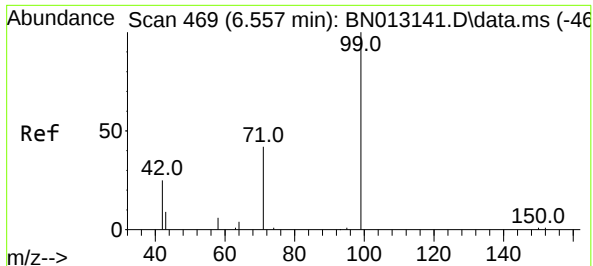
Tgt Ion: 42 Resp: 129
Ion Ratio Lower Upper
42 100
74 0.0 64.4 96.6#
44 0.0 2.8 4.2#



#4
2-Fluorophenol
Concen: 0.10 ng
RT: 4.962 min Scan# 271
Delta R.T. -0.000 min
Lab File: BN013250.D
Acq: 21 Dec 2020 23:29

Tgt Ion: 112 Resp: 289
Ion Ratio Lower Upper
112 100
64 70.6 49.5 74.3
63 48.1 32.0 48.0#

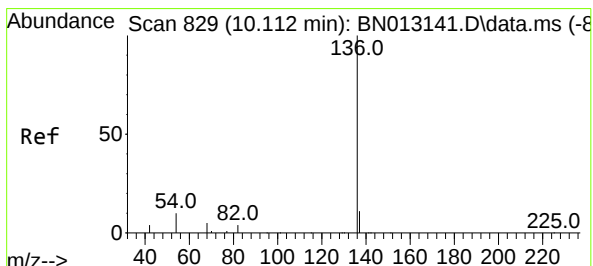
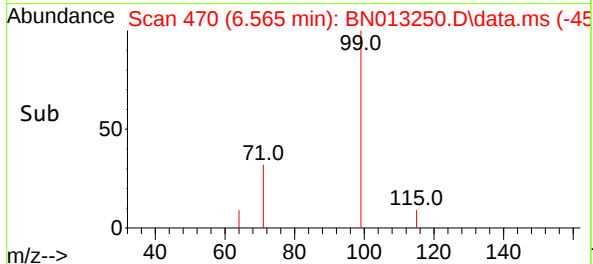
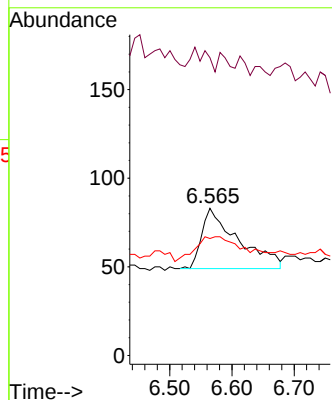
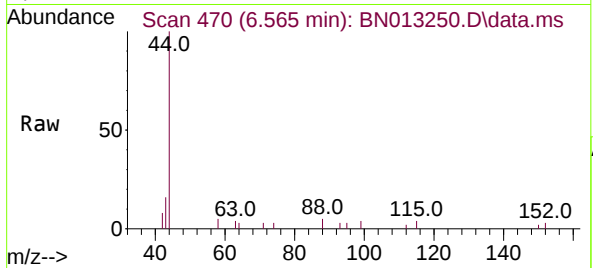




#5
Phenol-d6
Concen: 0.05 ng
RT: 6.565 min Scan# 470
Delta R.T. 0.016 min
Lab File: BN013250.D
Acq: 21 Dec 2020 23:29

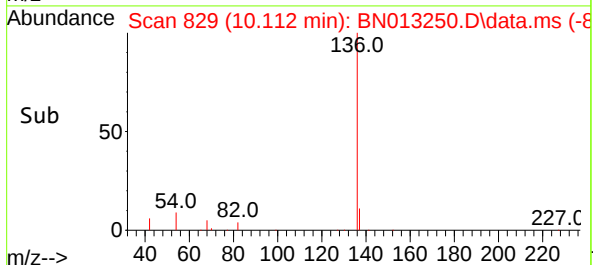
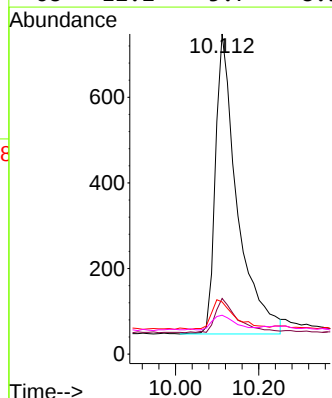
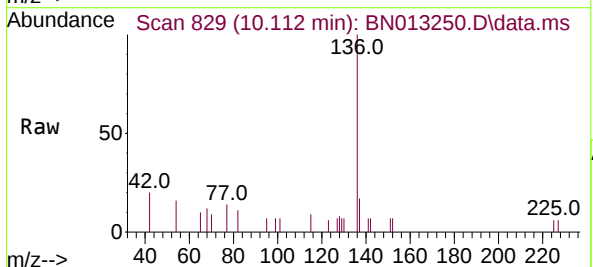
Instrument :
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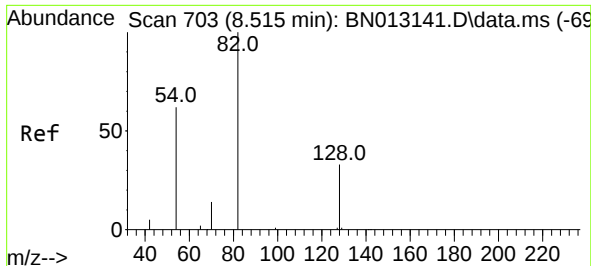
Tgt Ion: 99 Resp: 138
Ion Ratio Lower Upper
99 100
42 0.0 22.4 33.6#
71 55.1 37.8 56.6



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.112 min Scan# 829
Delta R.T. -0.000 min
Lab File: BN013250.D
Acq: 21 Dec 2020 23:29

Tgt Ion: 136 Resp: 2542
Ion Ratio Lower Upper
136 100
137 17.4 10.6 15.8#
54 16.3 8.6 12.8#
68 12.2 5.7 8.5#

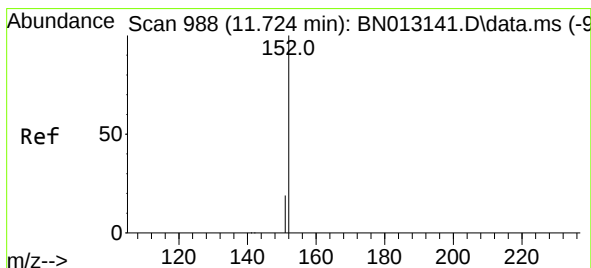
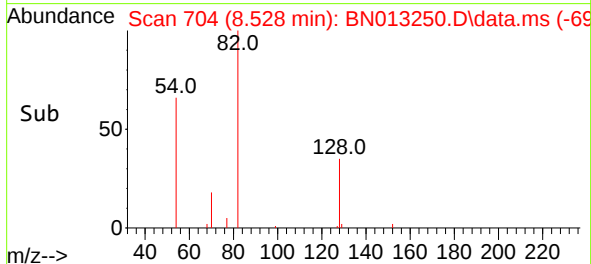
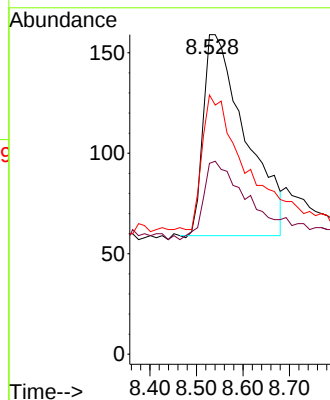
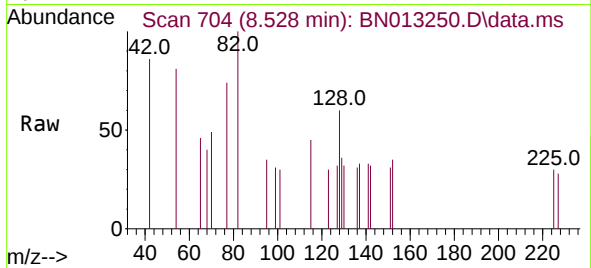




#8
Nitrobenzene-d5
Concen: 0.24 ng
RT: 8.528 min Scan# 704
Delta R.T. -0.000 min
Lab File: BN013250.D
Acq: 21 Dec 2020 23:29

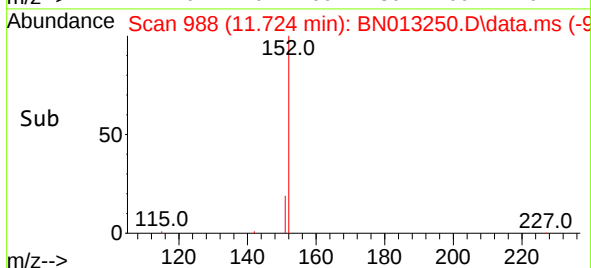
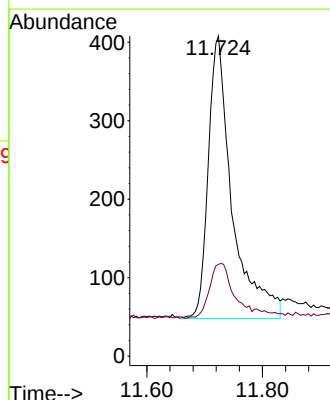
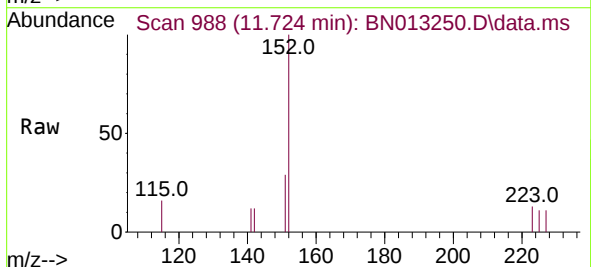
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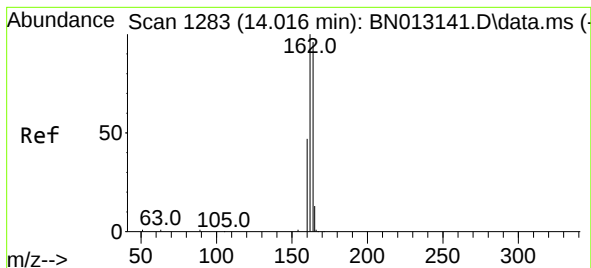
Tgt Ion: 82 Resp: 632
Ion Ratio Lower Upper
82 100
128 59.7 30.6 46.0#
54 81.1 48.3 72.5#



#11
2-Methylnaphthalene-d10
Concen: 0.23 ng
RT: 11.724 min Scan# 988
Delta R.T. -0.000 min
Lab File: BN013250.D
Acq: 21 Dec 2020 23:29

Tgt Ion:152 Resp: 1032
Ion Ratio Lower Upper
152 100
151 22.2 16.7 25.1

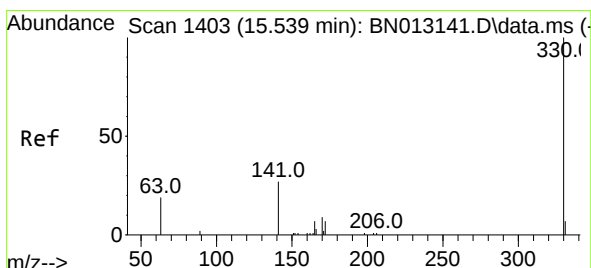
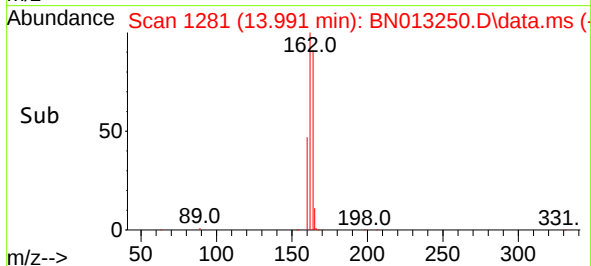
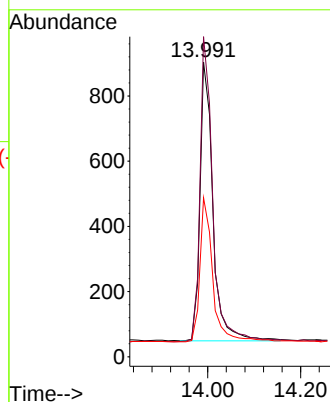
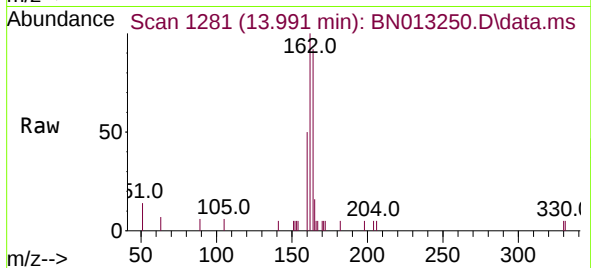




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 13.991 min Scan# 1281
Delta R.T. -0.013 min
Lab File: BN013250.D
Acq: 21 Dec 2020 23:29

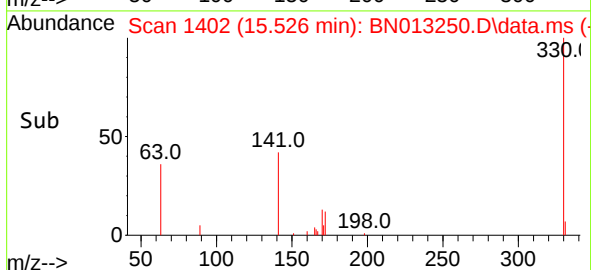
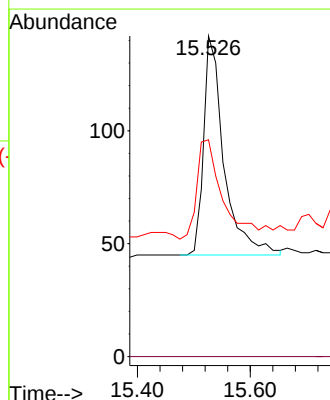
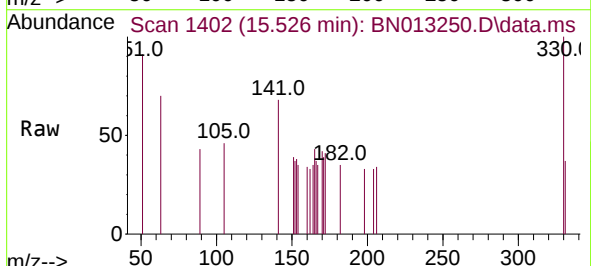
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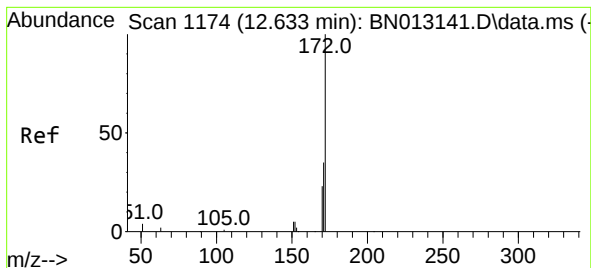
Tgt Ion:	164	Resp:	1653
Ion Ratio	Lower	Upper	
164	100		
162	108.6	80.6	120.8
160	54.0	39.5	59.3



#14
2,4,6-Tribromophenol
Concen: 0.23 ng
RT: 15.526 min Scan# 1402
Delta R.T. -0.013 min
Lab File: BN013250.D
Acq: 21 Dec 2020 23:29

Tgt Ion:	330	Resp:	242
Ion Ratio	Lower	Upper	
330	100		
332	0.0	0.0	0.0
141	63.6	34.4	51.6#

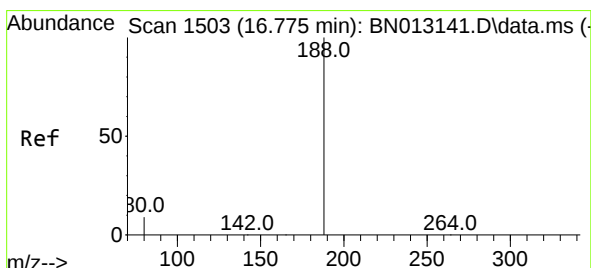
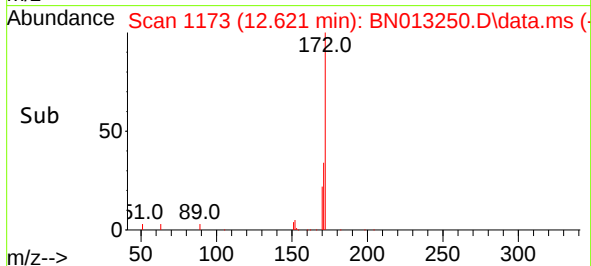
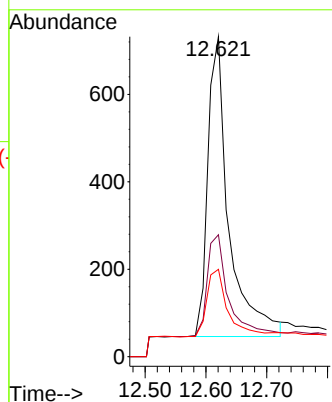
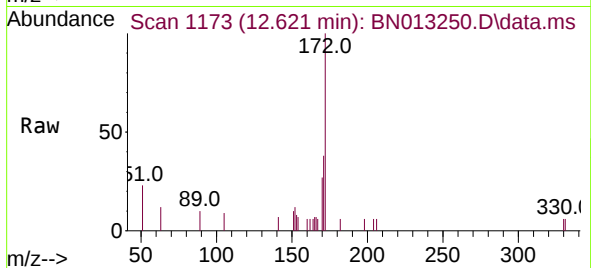




#15
2-Fluorobiphenyl
Concen: 0.24 ng
RT: 12.621 min Scan# 1173
Delta R.T. -0.013 min
Lab File: BN013250.D
Acq: 21 Dec 2020 23:29

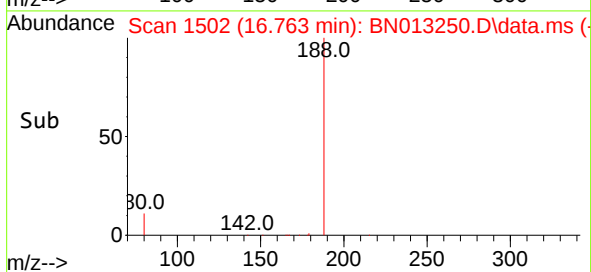
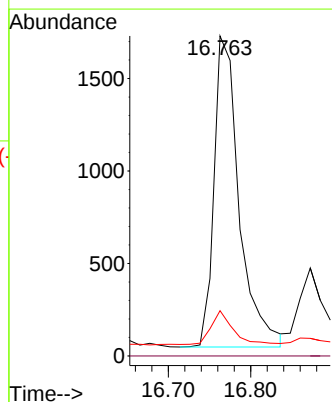
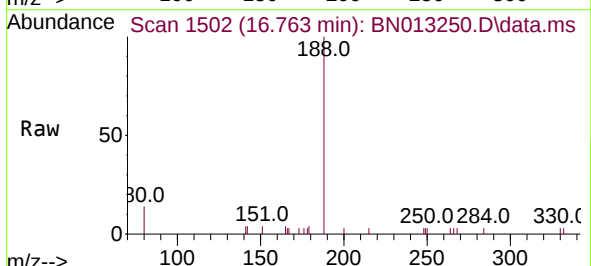
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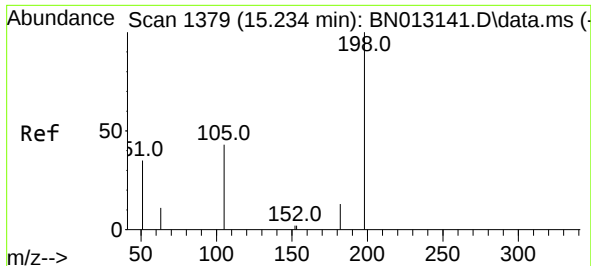
Tgt Ion:	172	Resp:	1648
Ion Ratio	Lower	Upper	
172	100		
171	38.1	28.2	42.4
170	27.3	20.0	30.0



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.763 min Scan# 1502
Delta R.T. -0.013 min
Lab File: BN013250.D
Acq: 21 Dec 2020 23:29

Tgt Ion:	188	Resp:	3561
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	14.2	5.0	7.4

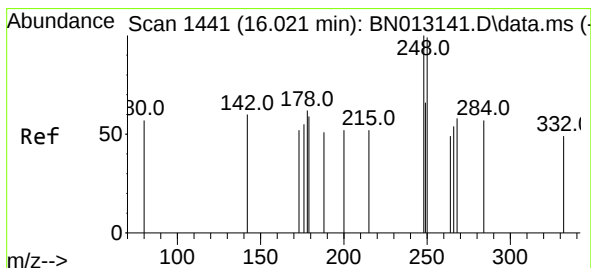
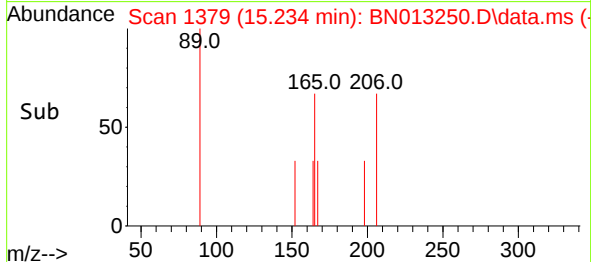
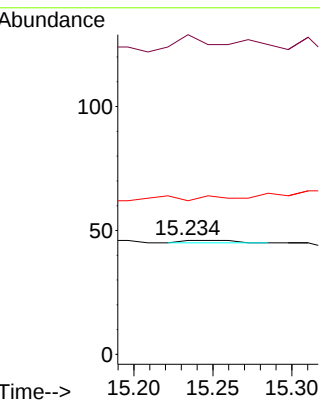
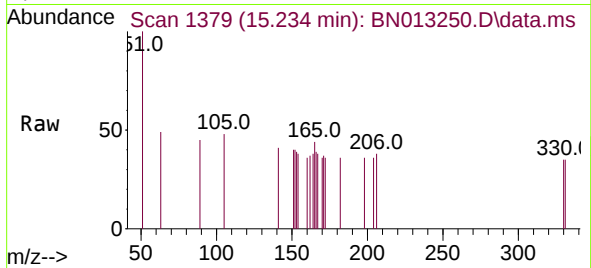




#20
4,6-Dinitro-2-methylphenol
Concen: 0.19 ng
RT: 15.234 min Scan# 1379
Delta R.T. -0.025 min
Lab File: BN013250.D
Acq: 21 Dec 2020 23:29

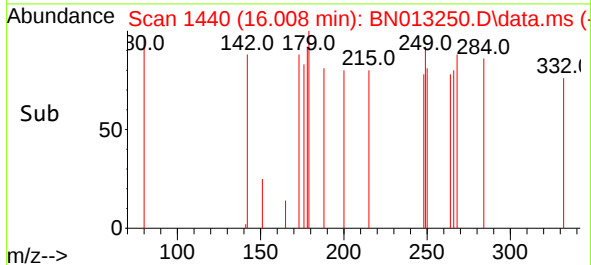
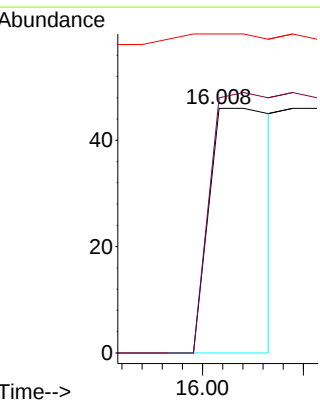
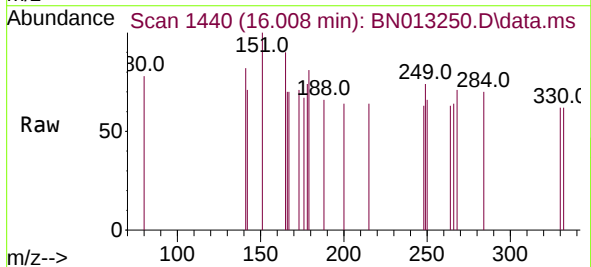
Instrument :
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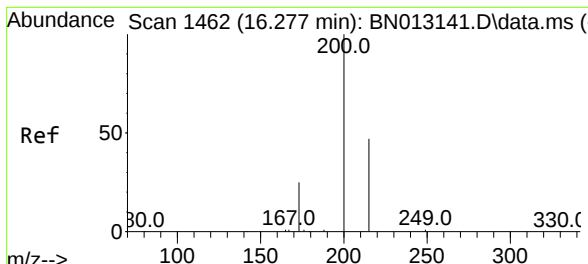
Tgt Ion:	198	Resp:	2
Ion	Ratio	Lower	Upper
198	100		
51	280.4	43.5	65.3#
105	134.8	27.2	40.8#



#21
4-Bromophenyl-phenylether
Concen: 0.15 ng
RT: 16.008 min Scan# 1440
Delta R.T. -0.013 min
Lab File: BN013250.D
Acq: 21 Dec 2020 23:29

Tgt Ion:	248	Resp:	102
Ion	Ratio	Lower	Upper
248	100		
250	104.3	77.3	115.9
141	130.4	57.8	86.8#

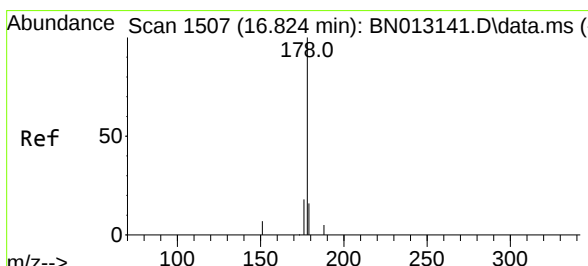
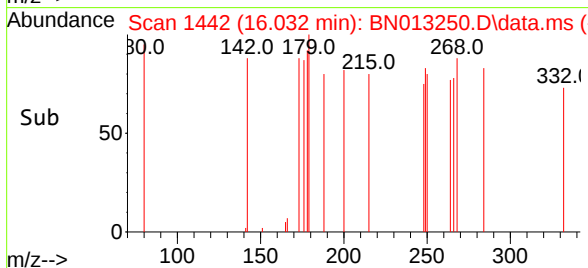
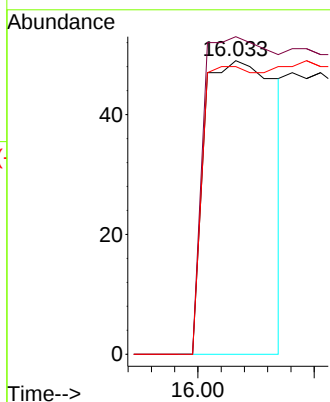
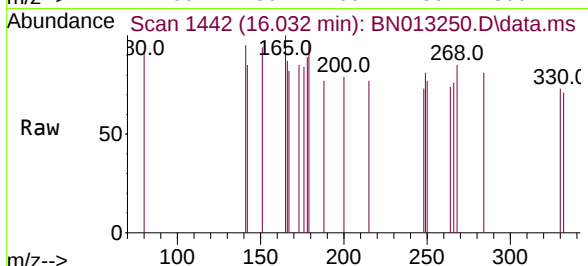




#23
Atrazine
 Concen: 0.10 ng
 RT: 16.032 min Scan# 1442
 Delta R.T. -0.244 min
 Lab File: BN013250.D
 Acq: 21 Dec 2020 23:29

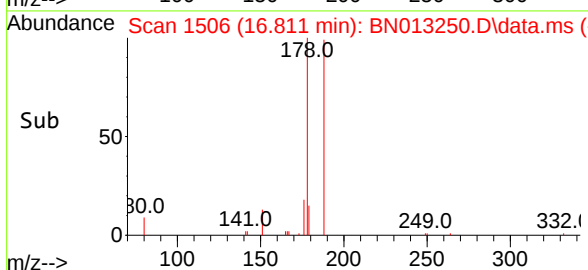
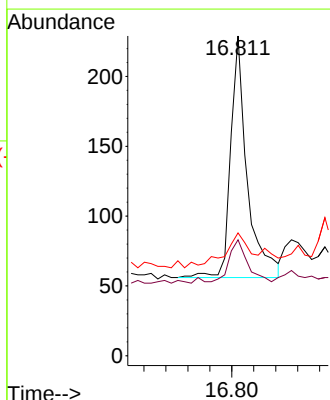
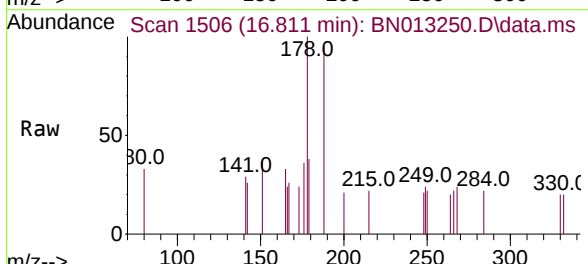
Instrument :
 BNA_N
ClientSampleId :
 MW203D-20201213

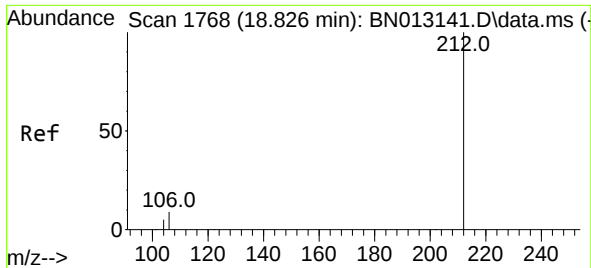
Tgt Ion:	200	Resp:	209
Ion Ratio	Lower	Upper	
200	100		
173	108.2	22.8	34.2#
215	98.0	38.1	57.1#



#25
Phenanthrene
 Concen: 0.03 ng
 RT: 16.811 min Scan# 1506
 Delta R.T. -0.001 min
 Lab File: BN013250.D
 Acq: 21 Dec 2020 23:29

Tgt Ion:	178	Resp:	361
Ion Ratio	Lower	Upper	
178	100		
176	18.6	14.8	22.2
179	17.7	12.4	18.6

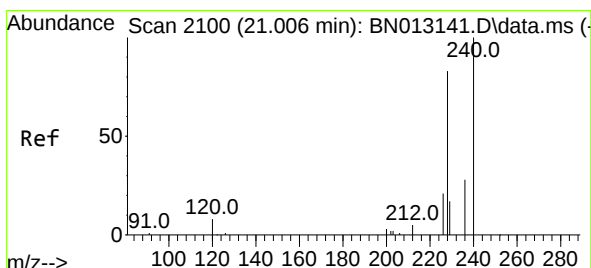
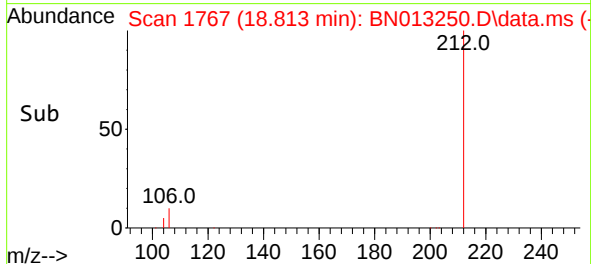
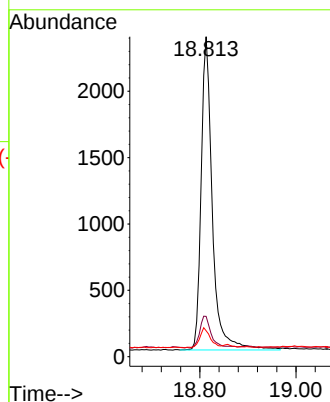
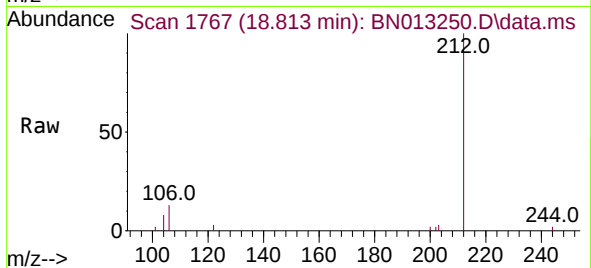




#27
Fluoranthene-d10
Concen: 0.33 ng
RT: 18.813 min Scan# 1767
Delta R.T. -0.008 min
Lab File: BN013250.D
Acq: 21 Dec 2020 23:29

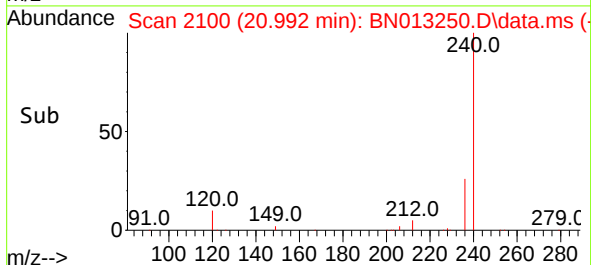
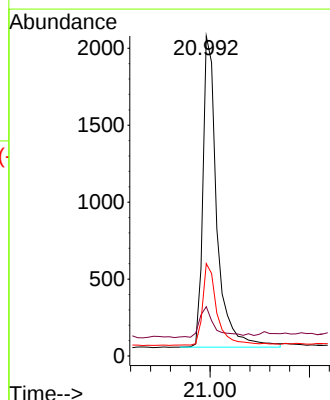
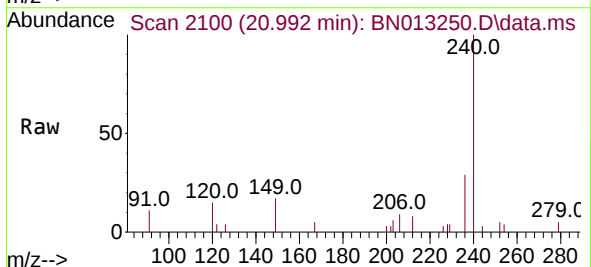
Instrument :
BNA_N
ClientSampleId :
MW203D-20201213

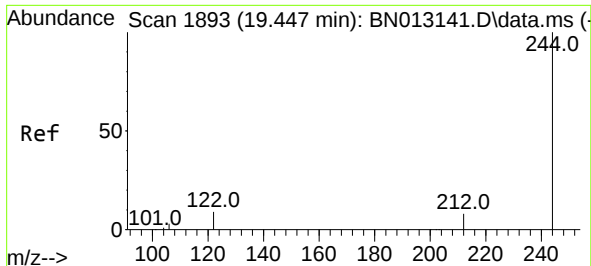
Tgt Ion:212 Resp: 3830
Ion Ratio Lower Upper
212 100
106 10.6 6.8 10.2#
104 5.9 4.1 6.1



#29
Chrysene-d12
Concen: 0.40 ng
RT: 20.992 min Scan# 2100
Delta R.T. -0.013 min
Lab File: BN013250.D
Acq: 21 Dec 2020 23:29

Tgt Ion:240 Resp: 3948
Ion Ratio Lower Upper
240 100
120 15.4 5.3 7.9#
236 28.8 21.8 32.8

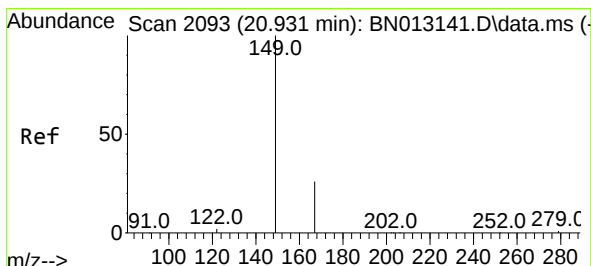
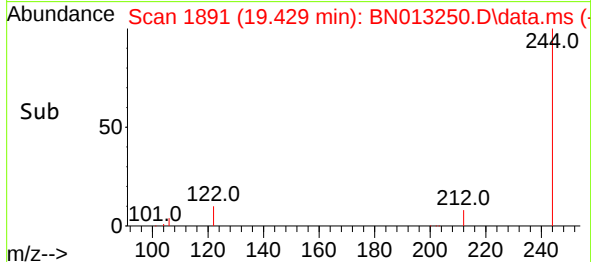
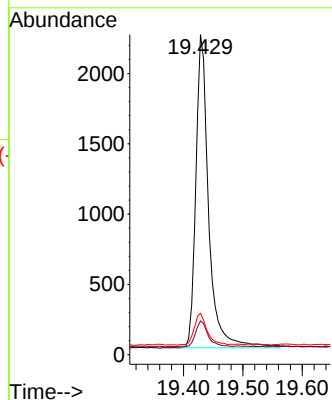
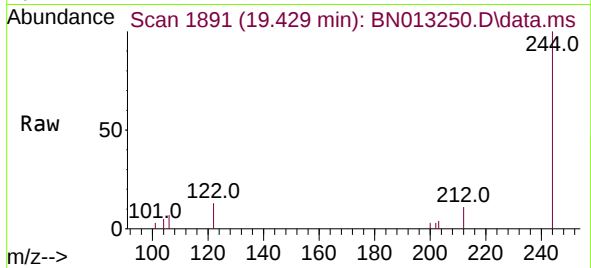




#31
Terphenyl-d14
Concen: 0.33 ng
RT: 19.429 min Scan# 1891
Delta R.T. -0.018 min
Lab File: BN013250.D
Acq: 21 Dec 2020 23:29

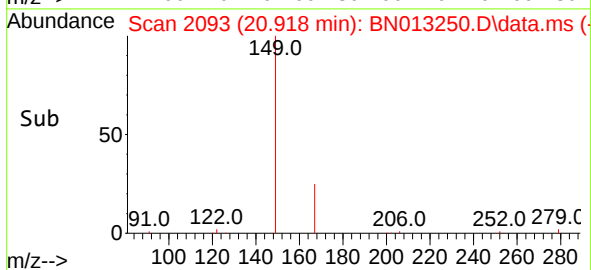
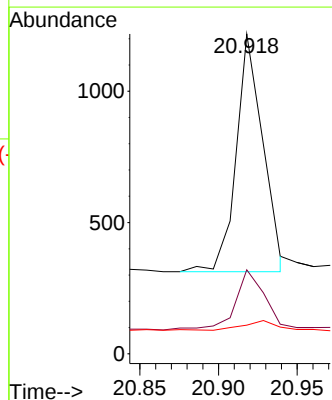
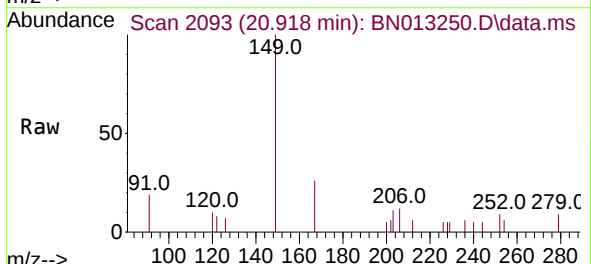
Instrument :
BNA_N
ClientSampleId :
MW203D-20201213

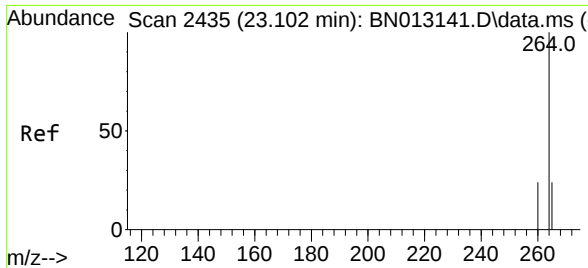
Tgt Ion:244 Resp: 3342
Ion Ratio Lower Upper
244 100
212 10.5 7.3 10.9
122 13.0 7.3 10.9#



#34
Bis(2-ethylhexyl)phthalate
Concen: Below Cal
RT: 20.918 min Scan# 2093
Delta R.T. -0.003 min
Lab File: BN013250.D
Acq: 21 Dec 2020 23:29

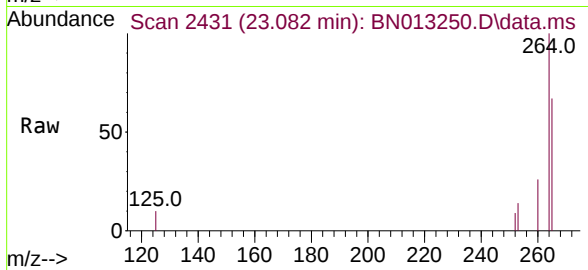
Tgt Ion:149 Resp: 1065
Ion Ratio Lower Upper
149 100
167 25.0 23.2 34.8
279 4.4 3.9 5.9





#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.082 min Scan# 2431
 Delta R.T. -0.013 min
 Lab File: BN013250.D
 Acq: 21 Dec 2020 23:29

Instrument :
 BNA_N
 ClientSampleId :
 MW203D-20201213



Tgt Ion:264 Resp: 4664

Ion	Ratio	Lower	Upper
264	100		
260	26.3	19.8	29.6
265	67.4	51.4	77.0

