

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122220\
 Data File : BN013265.D
 Acq On : 22 Dec 2020 10:23
 Operator : CG/JU
 Sample : L5123-19
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW179D2-20201214

Quant Time: Dec 22 11:07:38 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 22 10:46:43 2020
 Response via : Initial Calibration

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

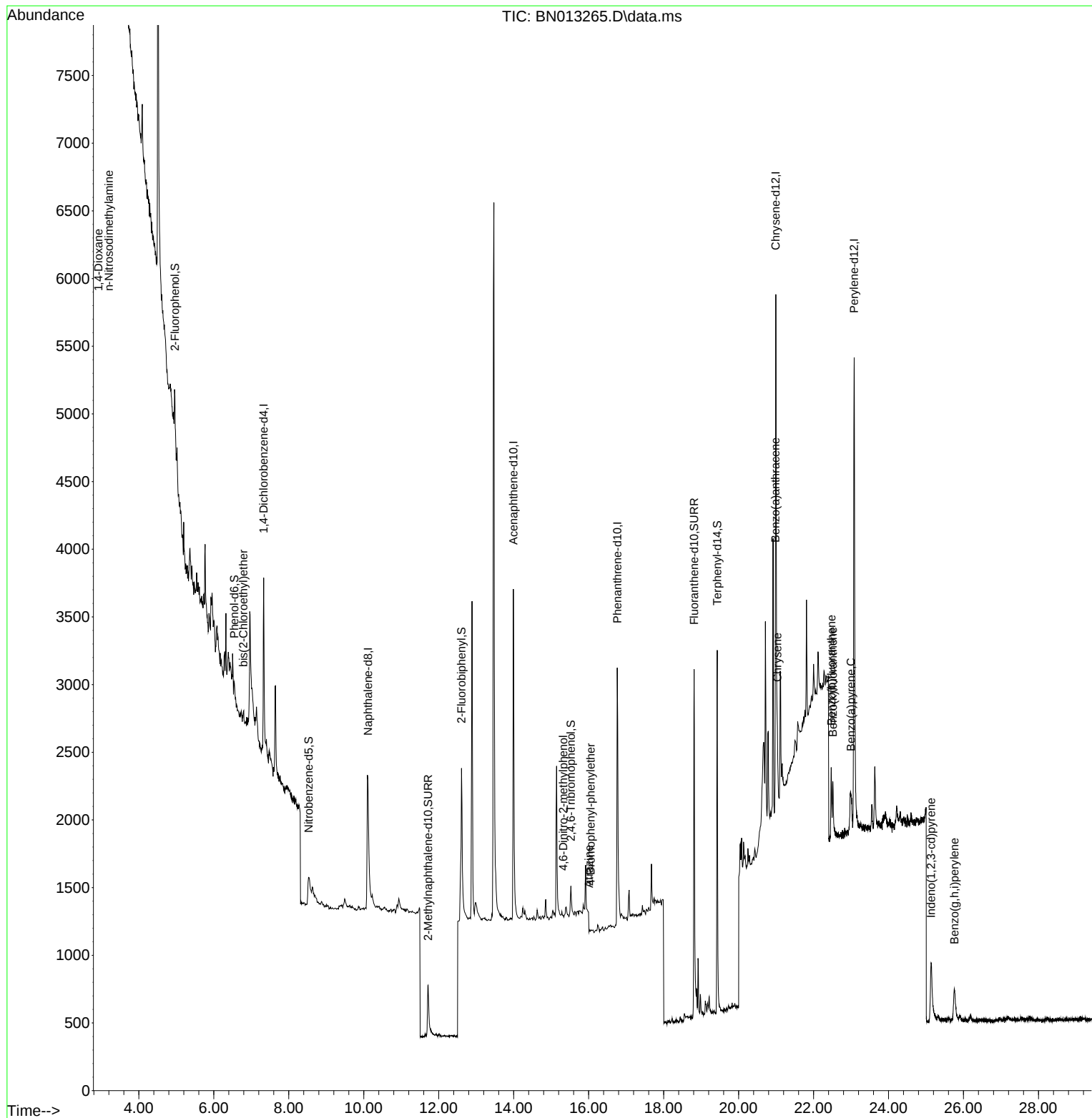
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.330	152	720	0.40	ng	0.00
7) Naphthalene-d8	10.112	136	2476	0.40	ng	# 0.01
13) Acenaphthene-d10	13.991	164	1592	0.40	ng	0.00
19) Phenanthrene-d10	16.763	188	3525	0.40	ng	# 0.00
29) Chrysene-d12	20.992	240	4358	0.40	ng	# 0.00
36) Perylene-d12	23.083	264	4974	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.962	112	238	0.08	ng	0.00
5) Phenol-d6	6.549	99	131	0.04	ng	0.00
8) Nitrobenzene-d5	8.528	82	518	0.20	ng	0.03
11) 2-Methylnaphthalene-d10	11.715	152	888	0.20	ng	0.00
14) 2,4,6-Tribromophenol	15.526	330	234	0.23	ng	0.00
15) 2-Fluorobiphenyl	12.608	172	1424	0.21	ng	0.00
27) Fluoranthene-d10	18.813	212	3538	0.30	ng	0.00
31) Terphenyl-d14	19.429	244	3167	0.29	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.925	88	1239	0.99	ng	# 90
3) n-Nitrosodimethylamine	3.206	42	348	0.17	ng	# 12
6) bis(2-Chloroethyl)ether	6.790	93	83	0.04	ng	# 79
20) 4,6-Dinitro-2-methylph...	15.323	198	5	0.19	ng	# 1
21) 4-Bromophenyl-phenylether	16.057	248	204	0.30	ng	# 71
23) Atrazine	16.008	200	208	0.10	ng	# 1
32) Benzo(a)anthracene	20.982	228	415	0.03	ng	# 68
33) Chrysene	21.035	228	406	0.02	ng	# 74
34) Bis(2-ethylhexyl)phtha...	20.918	149	1739	Below Cal		97
35) Indeno(1,2,3-cd)pyrene	25.136	276	483	0.02	ng	# 54
37) Benzo(b)fluoranthene	22.473	252	494	0.03	ng	# 1
38) Benzo(k)fluoranthene	22.514	252	522	0.03	ng	# 1
39) Benzo(a)pyrene	23.000	252	483	0.03	ng	# 1
41) Benzo(g,h,i)perylene	25.756	276	590	0.03	ng	# 38

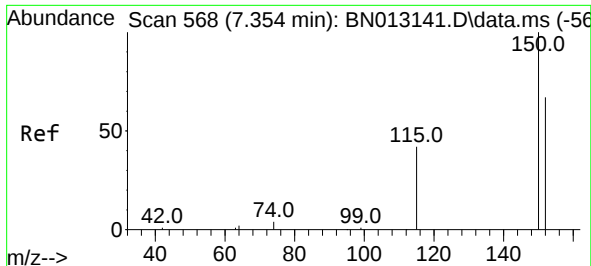
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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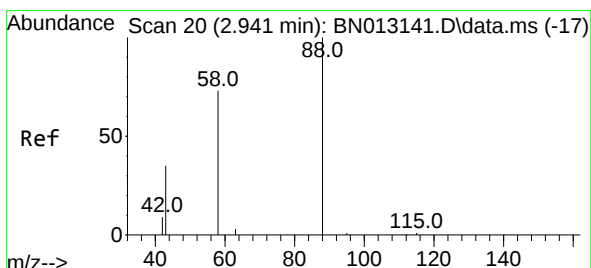
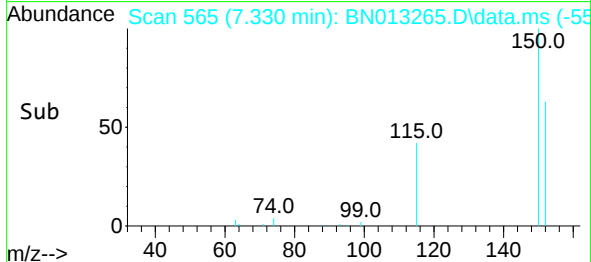
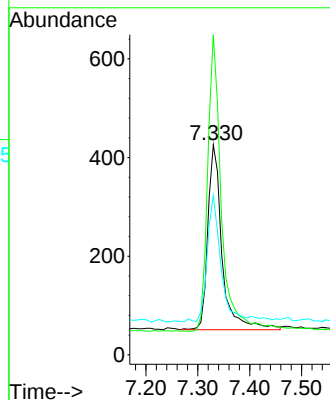
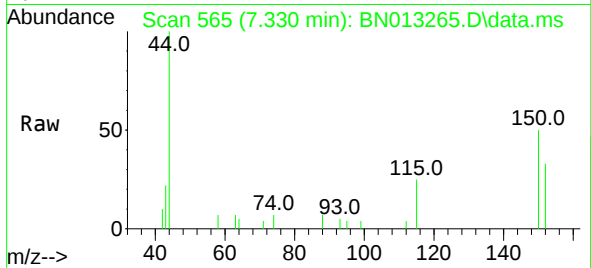




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.330 min Scan# 565
Delta R.T. -0.000 min
Lab File: BN013265.D
Acq: 22 Dec 2020 10:23

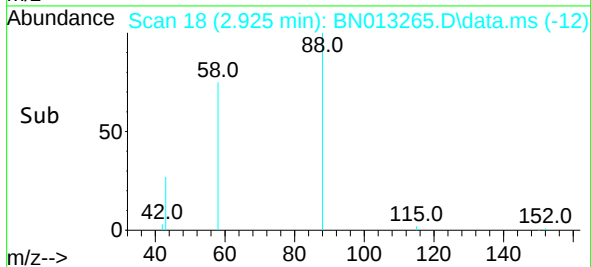
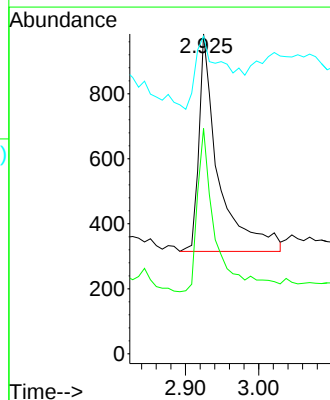
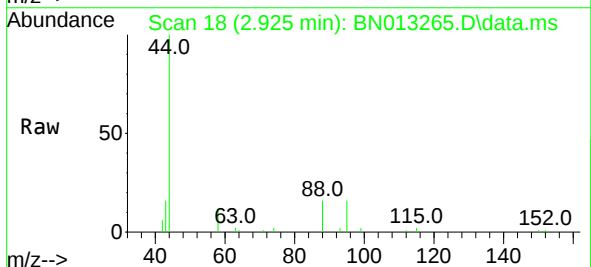
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BNA_N
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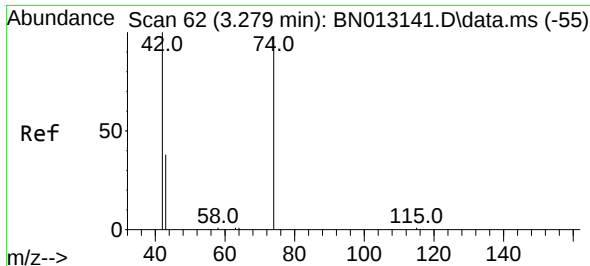
Tgt Ion:152 Resp: 720
Ion Ratio Lower Upper
152 100
150 152.3 116.6 174.8
115 75.8 52.9 79.3



#2
1,4-Dioxane
Concen: 0.99 ng
RT: 2.925 min Scan# 18
Delta R.T. -0.000 min
Lab File: BN013265.D
Acq: 22 Dec 2020 10:23

Tgt Ion: 88 Resp: 1239
Ion Ratio Lower Upper
88 100
58 71.3 59.4 89.2
43 53.7 32.3 48.5

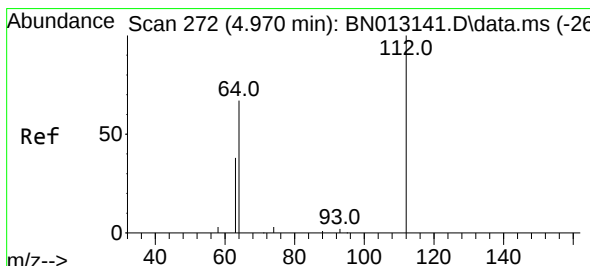
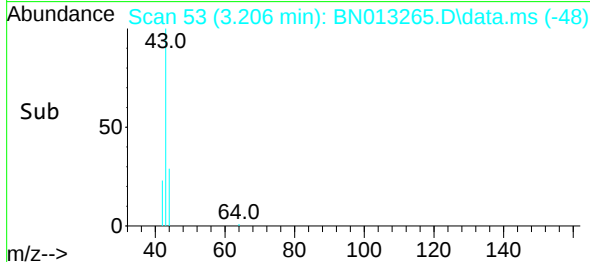
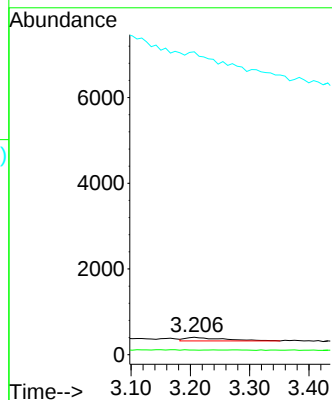
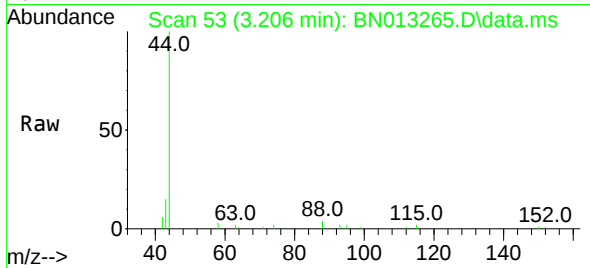




#3
n-Nitrosodimethylamine
Concen: 0.17 ng
RT: 3.206 min Scan# 53
Delta R.T. -0.056 min
Lab File: BN013265.D
Acq: 22 Dec 2020 10:23

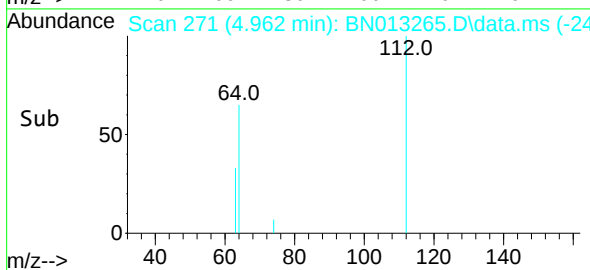
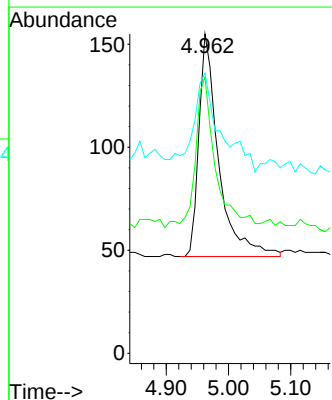
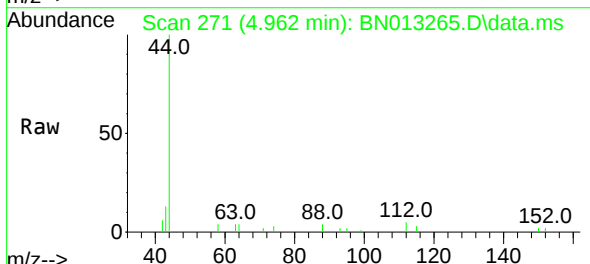
Instrument :
BNA_N
ClientSampleId :
MW179D2-20201214

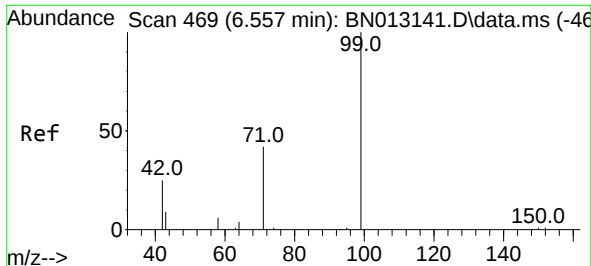
Tgt Ion: 42 Resp: 348
Ion Ratio Lower Upper
42 100
74 0.0 64.4 96.6#
44 0.0 2.8 4.2#



#4
2-Fluorophenol
Concen: 0.08 ng
RT: 4.962 min Scan# 271
Delta R.T. 0.008 min
Lab File: BN013265.D
Acq: 22 Dec 2020 10:23

Tgt Ion: 112 Resp: 238
Ion Ratio Lower Upper
112 100
64 68.5 49.5 74.3
63 61.8 32.0 48.0#

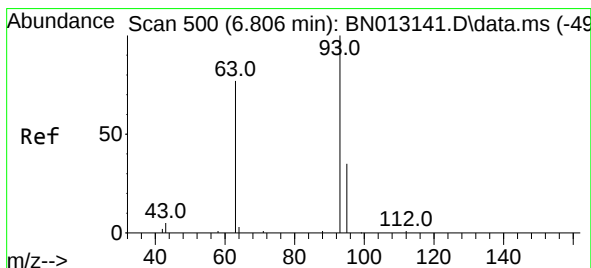
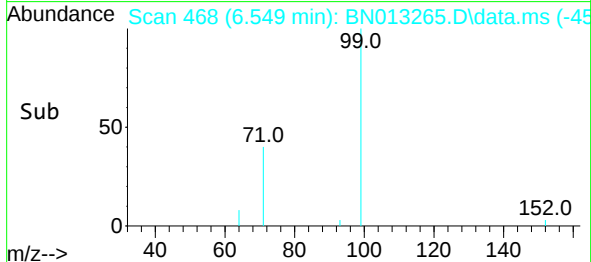
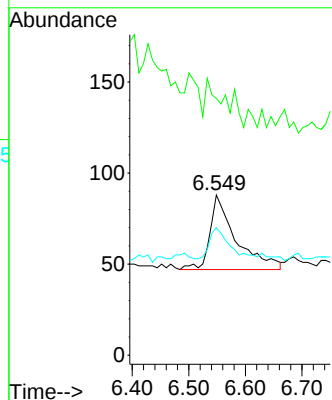
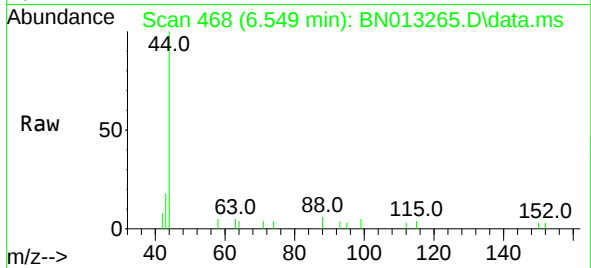




#5
Phenol-d6
Concen: 0.04 ng
RT: 6.549 min Scan# 468
Delta R.T. 0.008 min
Lab File: BN013265.D
Acq: 22 Dec 2020 10:23

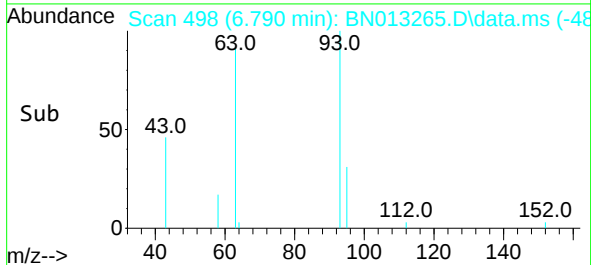
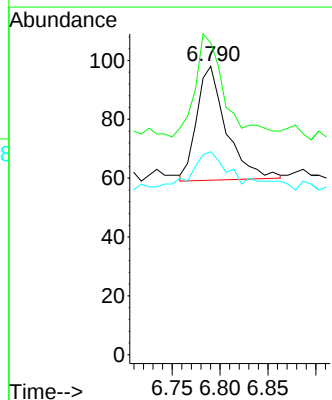
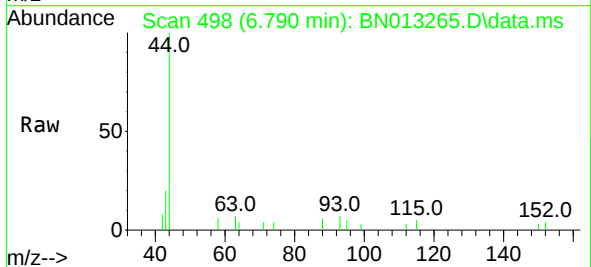
Instrument :
BNA_N
ClientSampleId :
MW179D2-20201214

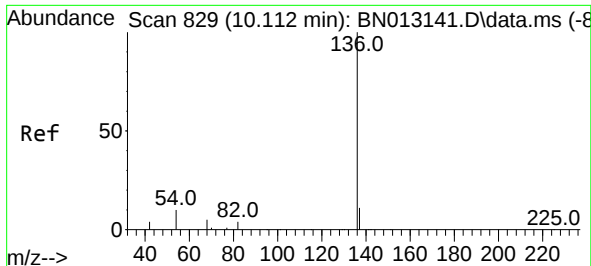
Tgt Ion: 99 Resp: 131
Ion Ratio Lower Upper
99 100
42 18.3 22.4 33.6#
71 30.5 37.8 56.6#



#6
bis(2-Chloroethyl)ether
Concen: 0.04 ng
RT: 6.790 min Scan# 498
Delta R.T. 0.008 min
Lab File: BN013265.D
Acq: 22 Dec 2020 10:23

Tgt Ion: 93 Resp: 83
Ion Ratio Lower Upper
93 100
63 91.6 63.1 94.7
95 53.0 26.1 39.1#

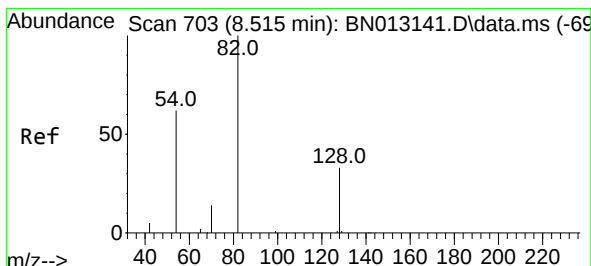
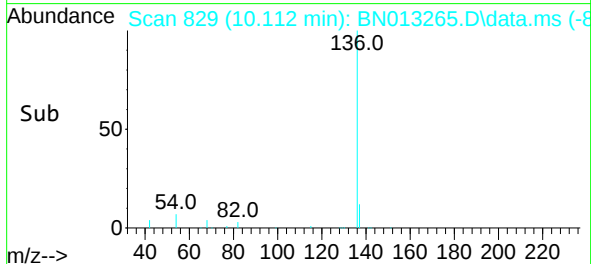
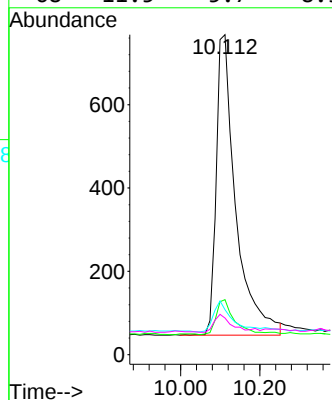
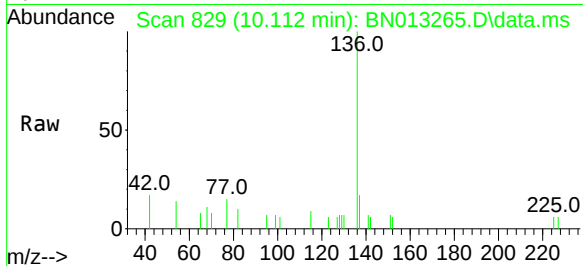




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.112 min Scan# 829
Delta R.T. 0.013 min
Lab File: BN013265.D
Acq: 22 Dec 2020 10:23

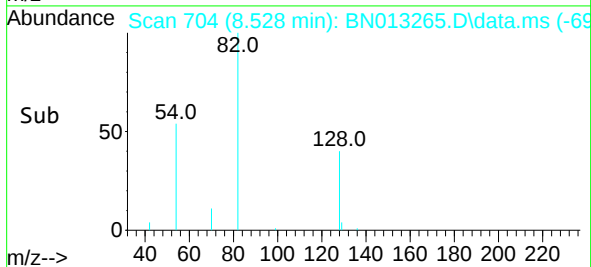
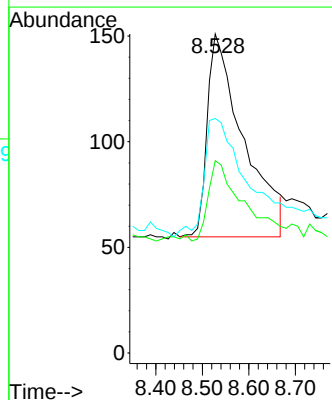
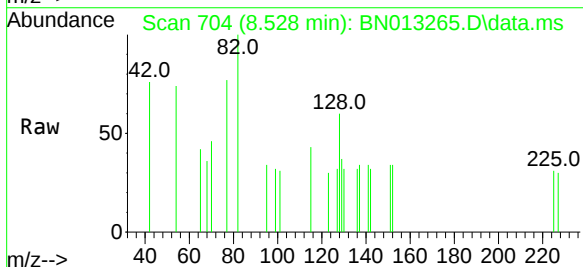
Instrument :
BNA_N
ClientSampleId :
MW179D2-20201214

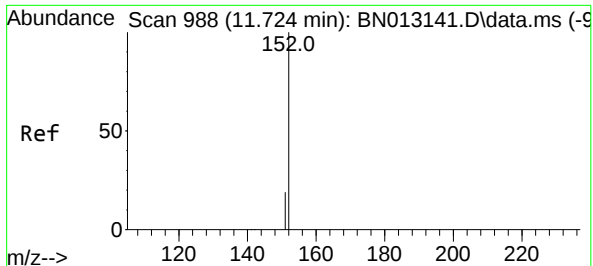
Tgt Ion:	136	Resp:	2476
Ion	Ratio	Lower	Upper
136	100		
137	17.2	10.6	15.8#
54	14.1	8.6	12.8#
68	11.5	5.7	8.5#



#8
Nitrobenzene-d5
Concen: 0.20 ng
RT: 8.528 min Scan# 704
Delta R.T. 0.025 min
Lab File: BN013265.D
Acq: 22 Dec 2020 10:23

Tgt Ion:	82	Resp:	518
Ion	Ratio	Lower	Upper
82	100		
128	60.3	30.6	46.0#
54	73.5	48.3	72.5#

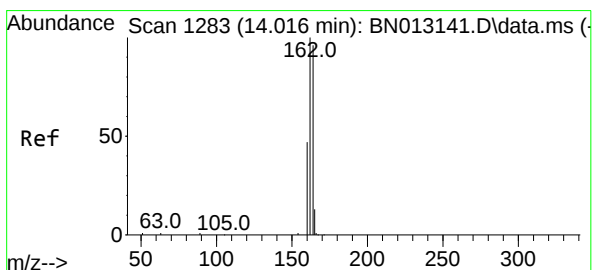
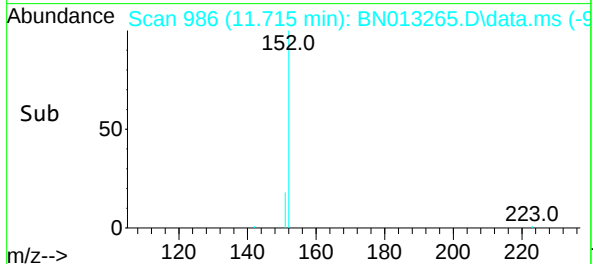
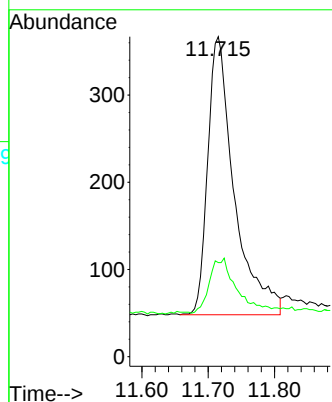
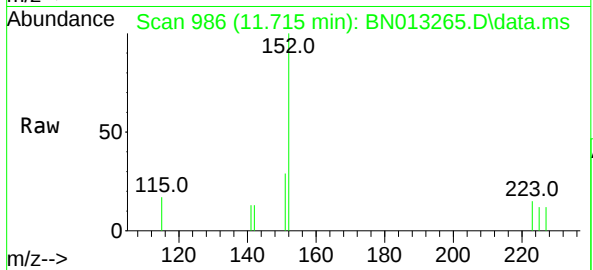




#11
2-Methylnaphthalene-d10
Concen: 0.20 ng
RT: 11.715 min Scan# 986
Delta R.T. 0.009 min
Lab File: BN013265.D
Acq: 22 Dec 2020 10:23

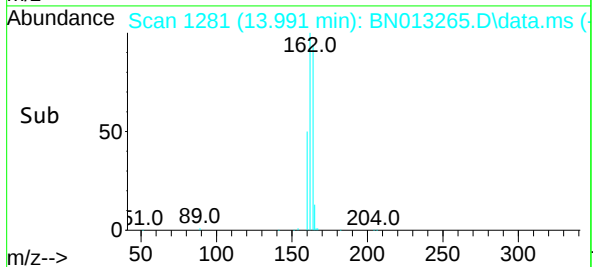
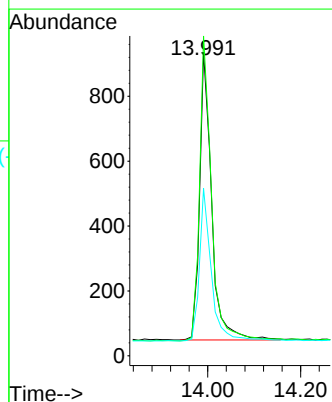
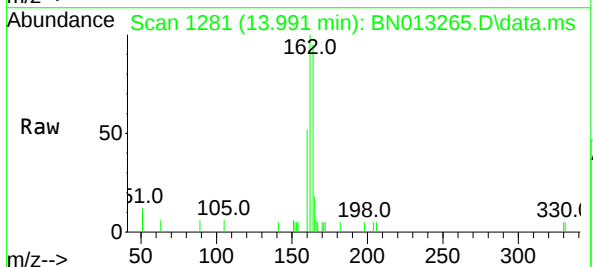
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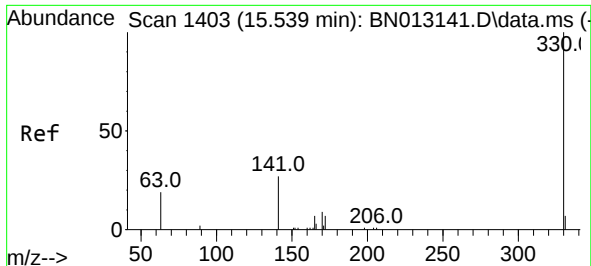
Tgt Ion:152 Resp: 888
Ion Ratio Lower Upper
152 100
151 20.3 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 13.991 min Scan# 1281
Delta R.T. -0.000 min
Lab File: BN013265.D
Acq: 22 Dec 2020 10:23

Tgt Ion:164 Resp: 1592
Ion Ratio Lower Upper
164 100
162 105.5 80.6 120.8
160 55.2 39.5 59.3

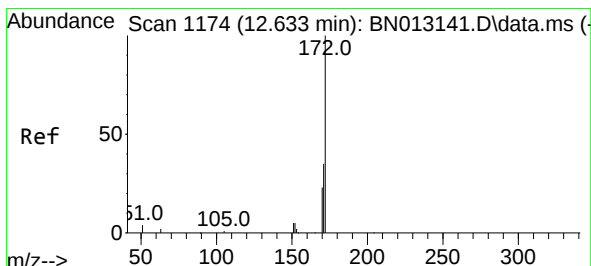
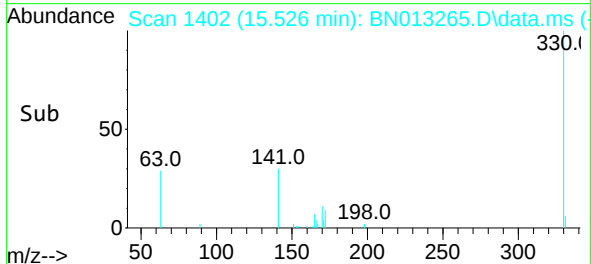
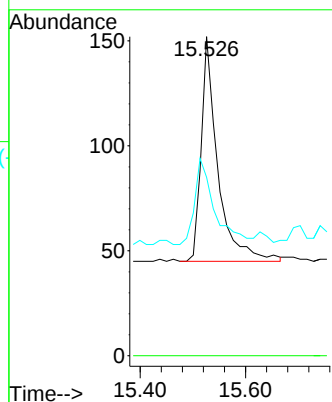
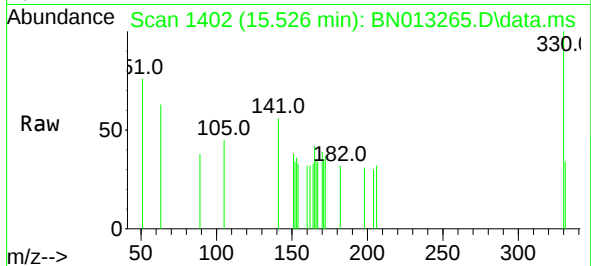




#14
2,4,6-Tribromophenol
Concen: 0.23 ng
RT: 15.526 min Scan# 1402
Delta R.T. -0.000 min
Lab File: BN013265.D
Acq: 22 Dec 2020 10:23

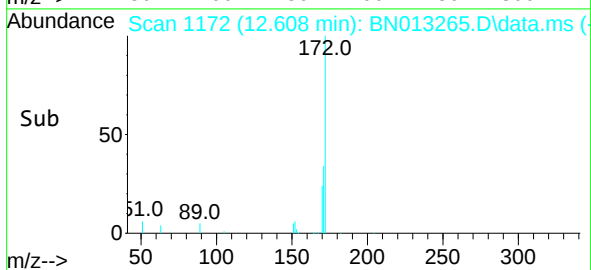
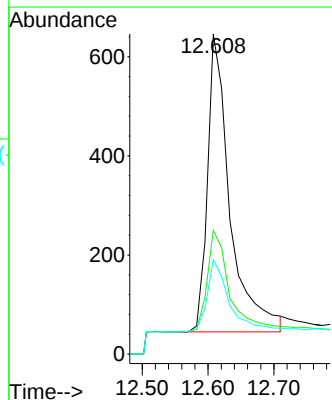
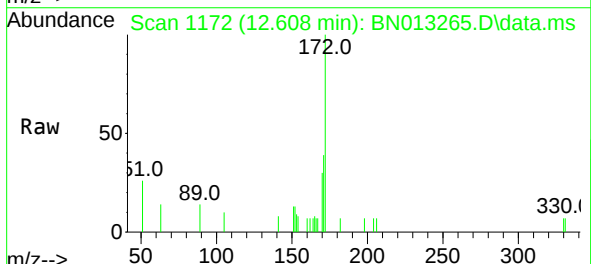
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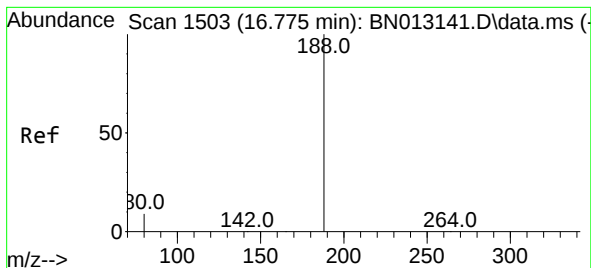
Tgt Ion:330 Resp: 234
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 45.7 34.4 51.6



#15
2-Fluorobiphenyl
Concen: 0.21 ng
RT: 12.608 min Scan# 1172
Delta R.T. -0.000 min
Lab File: BN013265.D
Acq: 22 Dec 2020 10:23

Tgt Ion:172 Resp: 1424
Ion Ratio Lower Upper
172 100
171 38.7 28.2 42.4
170 29.6 20.0 30.0





#19

Phenanthrene-d10

Concen: 0.40 ng

RT: 16.763 min Scan# 1502

Delta R.T. -0.001 min

Lab File: BN013265.D

Acq: 22 Dec 2020 10:23

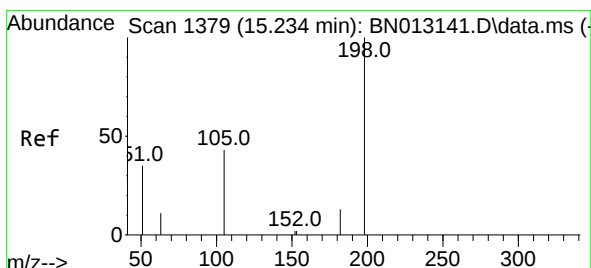
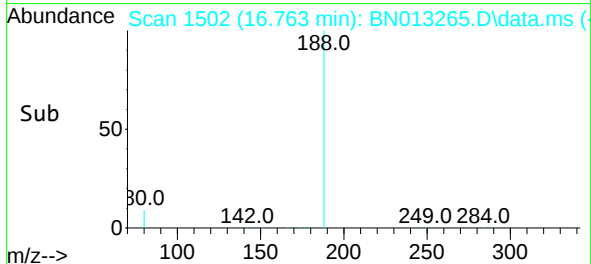
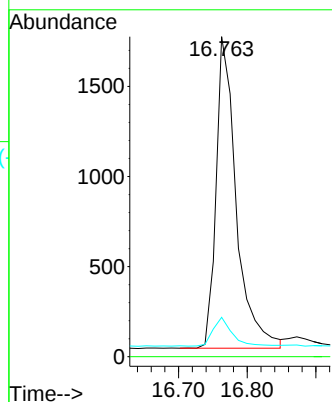
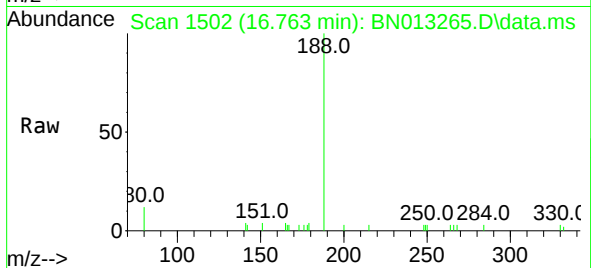
Instrument :

BNA_N

ClientSampleId :

MW179D2-20201214

Tgt Ion:188	Resp:	3525
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	12.3	5.0



#20

4,6-Dinitro-2-methylphenol

Concen: 0.19 ng

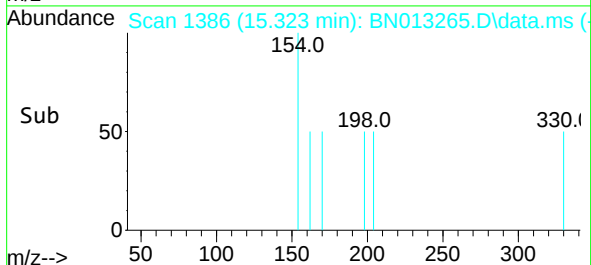
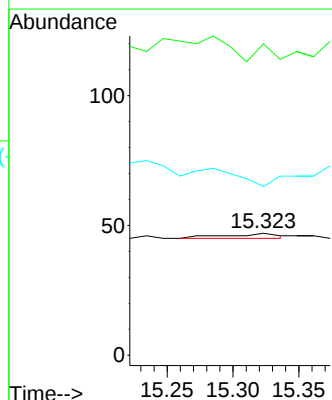
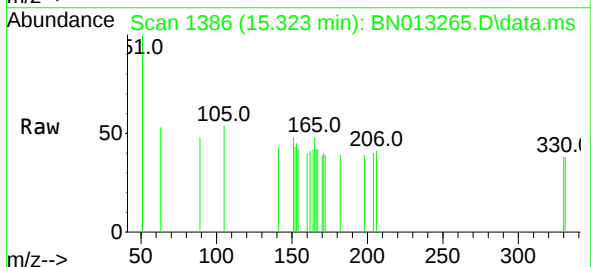
RT: 15.323 min Scan# 1386

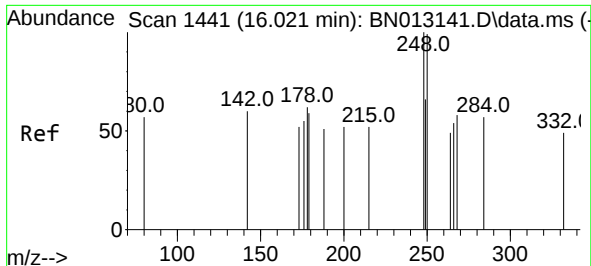
Delta R.T. 0.101 min

Lab File: BN013265.D

Acq: 22 Dec 2020 10:23

Tgt Ion:198	Resp:	5
Ion Ratio	Lower	Upper
198	100	
51	255.3	43.5
105	138.3	27.2

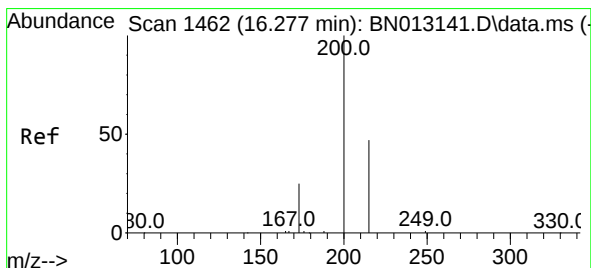
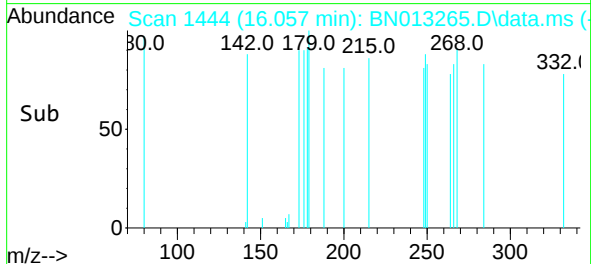
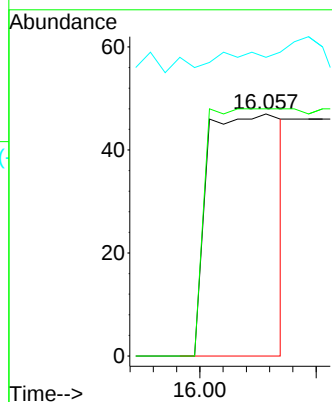
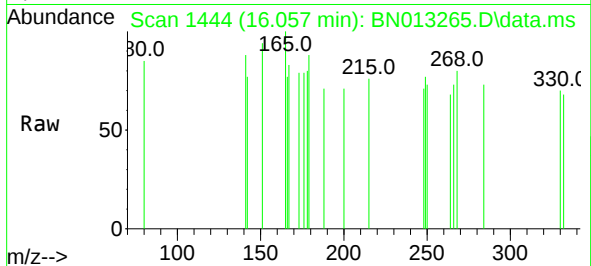




#21
4-Bromophenyl-phenylether
Concen: 0.30 ng
RT: 16.057 min Scan# 1444
Delta R.T. 0.036 min
Lab File: BN013265.D
Acq: 22 Dec 2020 10:23

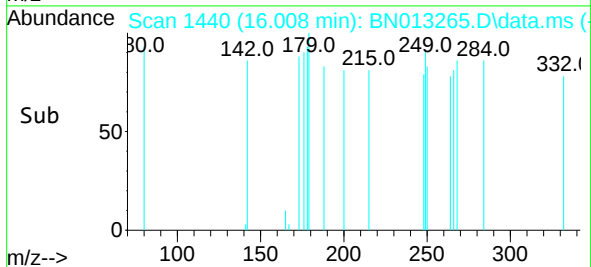
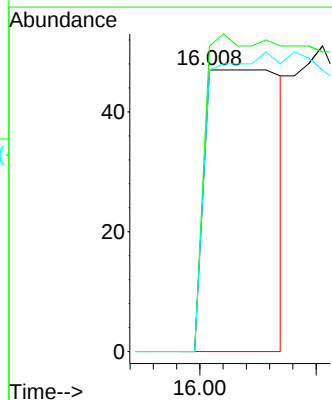
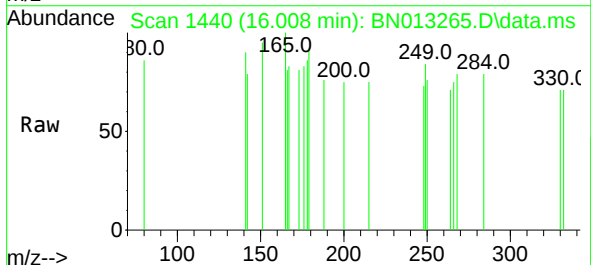
Instrument :
BNA_N
ClientSampleId :
MW179D2-20201214

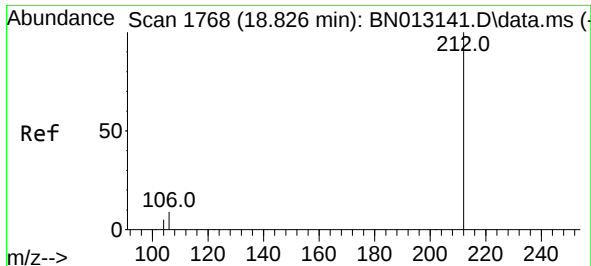
Tgt Ion:248 Resp: 204
Ion Ratio Lower Upper
248 100
250 102.1 77.3 115.9
141 123.4 57.8 86.8#



#23
Atrazine
Concen: 0.10 ng
RT: 16.008 min Scan# 1440
Delta R.T. -0.256 min
Lab File: BN013265.D
Acq: 22 Dec 2020 10:23

Tgt Ion:200 Resp: 208
Ion Ratio Lower Upper
200 100
173 108.5 22.8 34.2#
215 100.0 38.1 57.1#

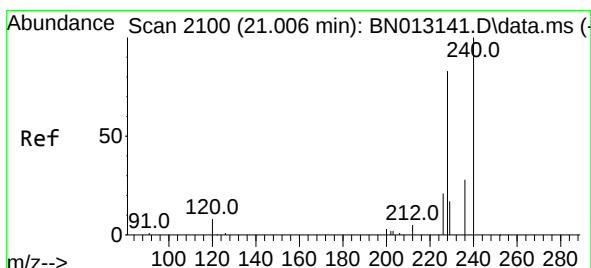
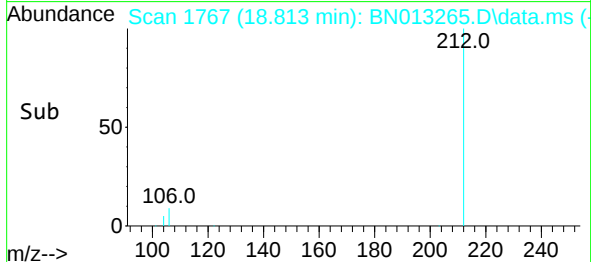
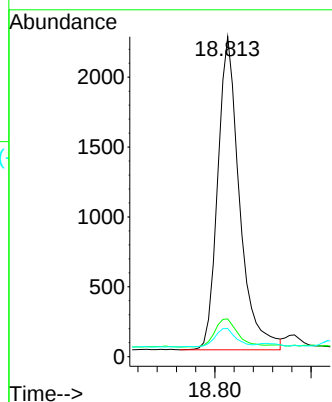
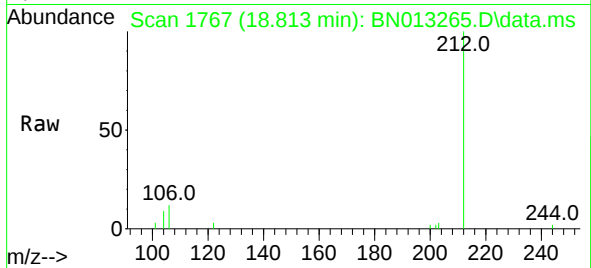




#27
Fluoranthene-d10
Concen: 0.30 ng
RT: 18.813 min Scan# 1767
Delta R.T. -0.003 min
Lab File: BN013265.D
Acq: 22 Dec 2020 10:23

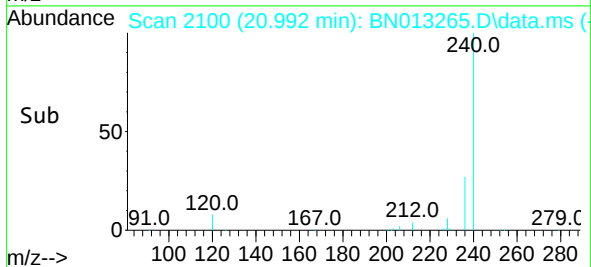
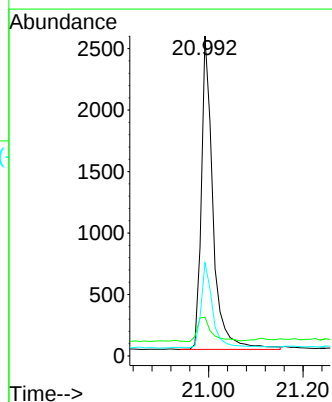
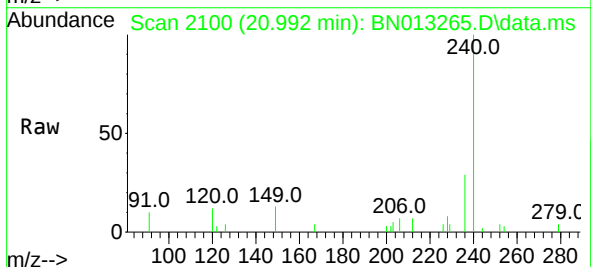
Instrument :
BNA_N
ClientSampleId :
MW179D2-20201214

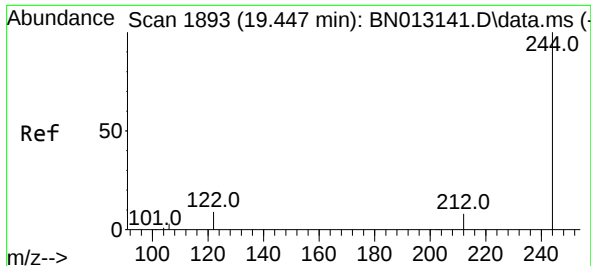
Tgt Ion:212 Resp: 3538
Ion Ratio Lower Upper
212 100
106 9.6 6.8 10.2
104 6.0 4.1 6.1



#29
Chrysene-d12
Concen: 0.40 ng
RT: 20.992 min Scan# 2100
Delta R.T. -0.003 min
Lab File: BN013265.D
Acq: 22 Dec 2020 10:23

Tgt Ion:240 Resp: 4358
Ion Ratio Lower Upper
240 100
120 12.2 5.3 7.9#
236 29.1 21.8 32.8

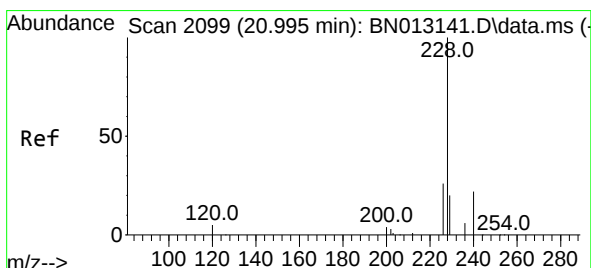
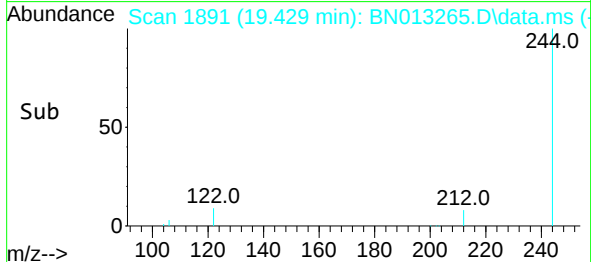
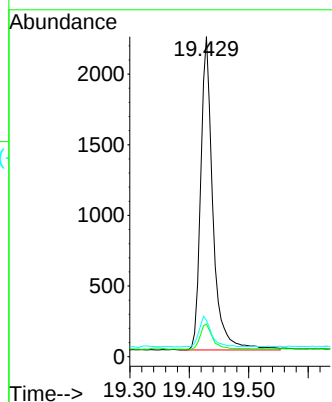
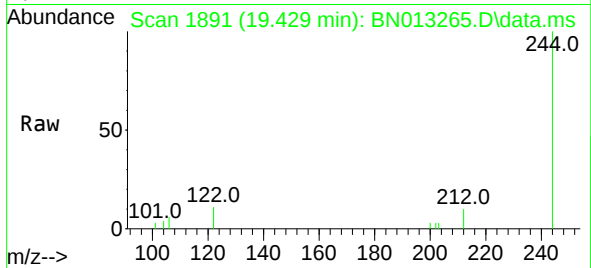




#31
 Terphenyl-d14
 Concen: 0.29 ng
 RT: 19.429 min Scan# 1891
 Delta R.T. -0.003 min
 Lab File: BN013265.D
 Acq: 22 Dec 2020 10:23

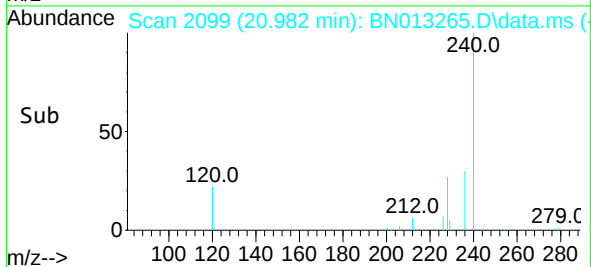
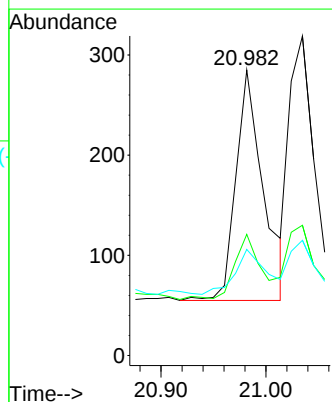
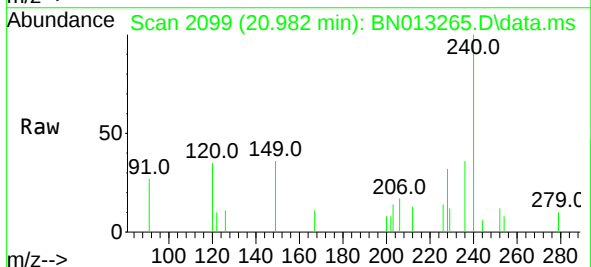
Instrument :
 BNA_N
 ClientSampleId :
 MW179D2-20201214

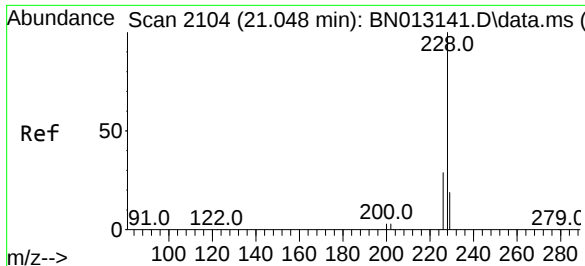
Tgt Ion:244 Resp: 3167
 Ion Ratio Lower Upper
 244 100
 212 10.2 7.3 10.9
 122 11.4 7.3 10.9#



#32
 Benzo(a)anthracene
 Concen: 0.03 ng
 RT: 20.982 min Scan# 2099
 Delta R.T. -0.003 min
 Lab File: BN013265.D
 Acq: 22 Dec 2020 10:23

Tgt Ion:228 Resp: 415
 Ion Ratio Lower Upper
 228 100
 226 42.5 22.3 33.5#
 229 37.2 15.7 23.5#

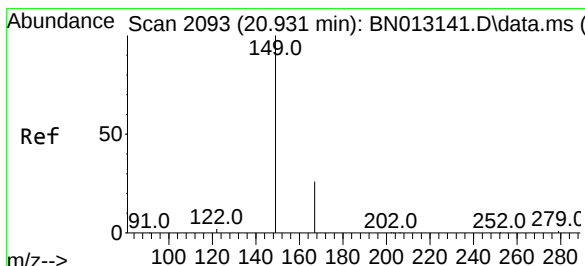
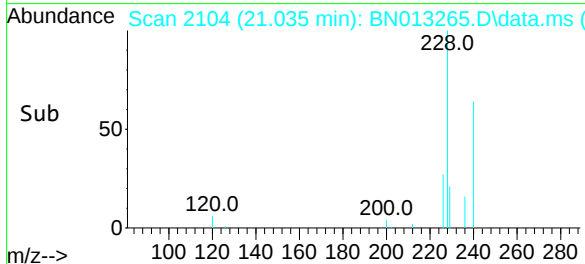
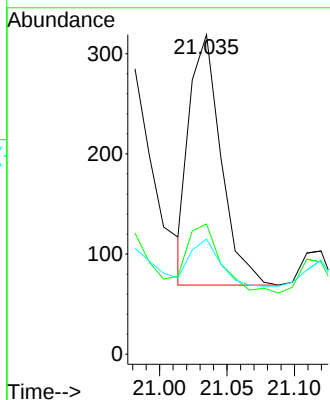
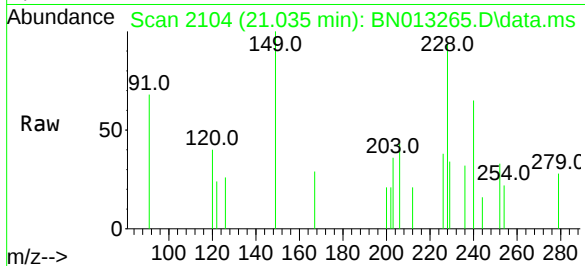




#33
Chrysene
Concen: 0.02 ng
RT: 21.035 min Scan# 2104
Delta R.T. -0.003 min
Lab File: BN013265.D
Acq: 22 Dec 2020 10:23

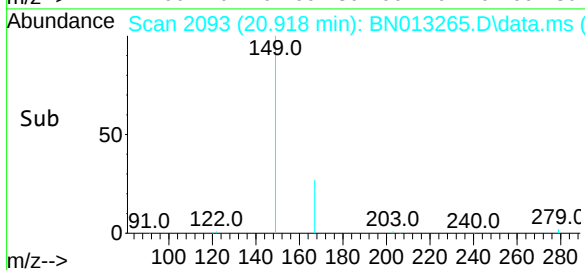
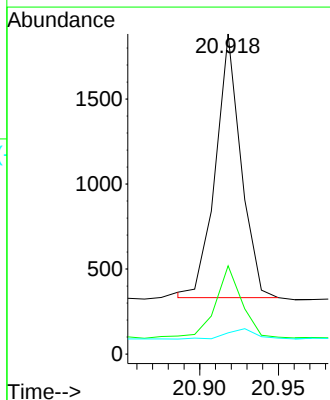
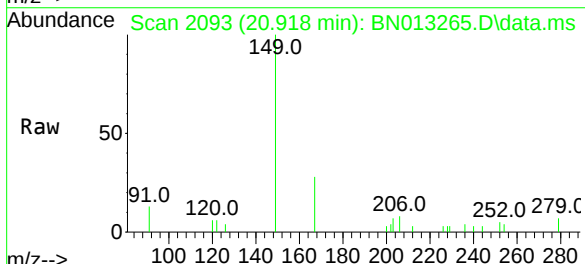
Instrument :
BNA_N
ClientSampleId :
MW179D2-20201214

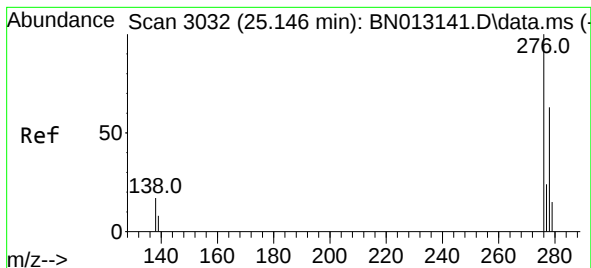
Tgt Ion:228 Resp: 406
Ion Ratio Lower Upper
228 100
226 40.8 24.2 36.2#
229 36.1 15.7 23.5#



#34
Bis(2-ethylhexyl)phthalate
Concen: Below Cal
RT: 20.918 min Scan# 2093
Delta R.T. -0.003 min
Lab File: BN013265.D
Acq: 22 Dec 2020 10:23

Tgt Ion:149 Resp: 1739
Ion Ratio Lower Upper
149 100
167 27.1 23.2 34.8
279 4.6 3.9 5.9

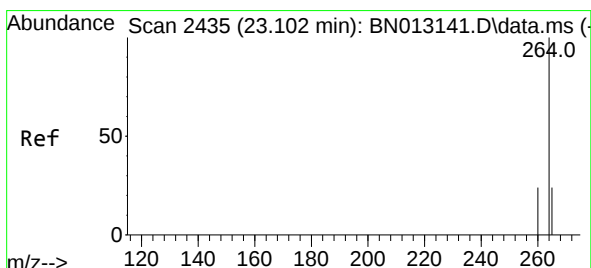
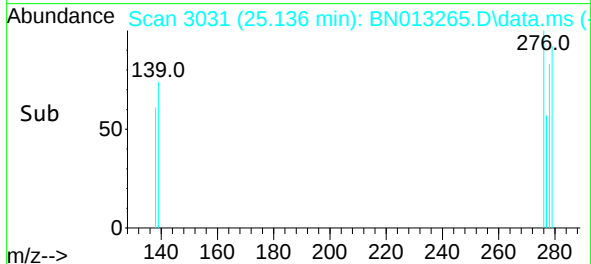
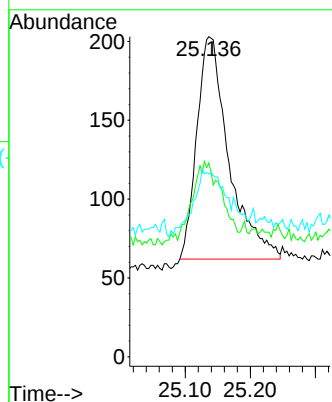
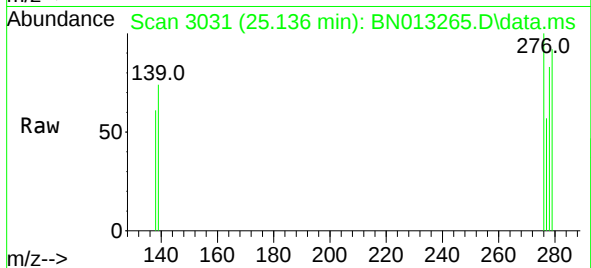




#35
Indeno(1,2,3-cd)pyrene
Concen: 0.02 ng
RT: 25.136 min Scan# 3031
Delta R.T. 0.014 min
Lab File: BN013265.D
Acq: 22 Dec 2020 10:23

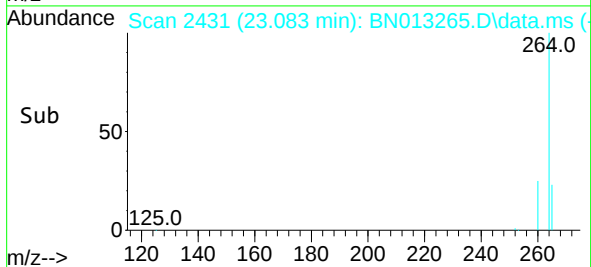
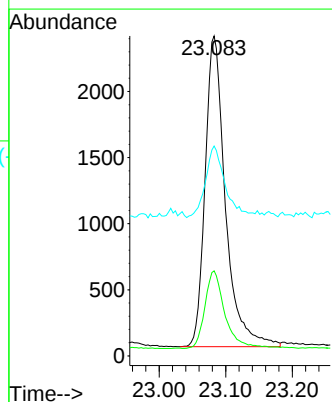
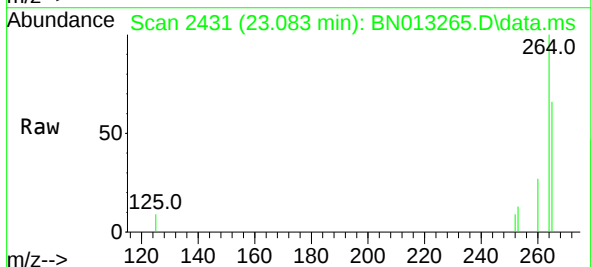
Instrument :
BNA_N
ClientSampleId :
MW179D2-20201214

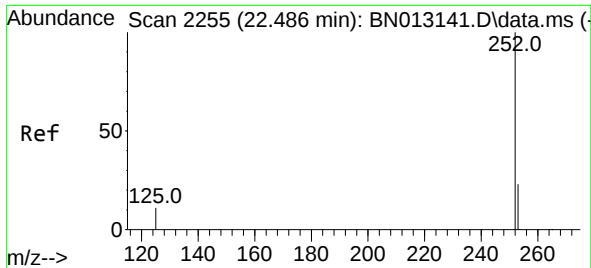
Tgt Ion:276 Resp: 483
Ion Ratio Lower Upper
276 100
138 0.0 13.3 19.9#
277 0.0 20.2 30.4#



#36
Perylene-d12
Concen: 0.40 ng
RT: 23.083 min Scan# 2431
Delta R.T. -0.003 min
Lab File: BN013265.D
Acq: 22 Dec 2020 10:23

Tgt Ion:264 Resp: 4974
Ion Ratio Lower Upper
264 100
260 26.6 19.8 29.6
265 65.6 51.4 77.0

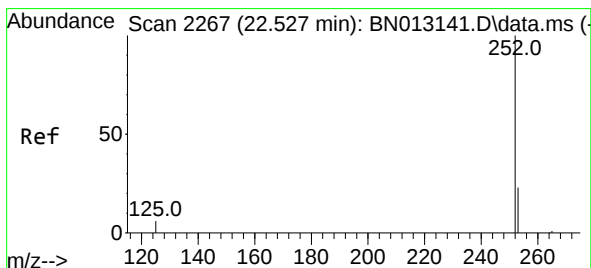
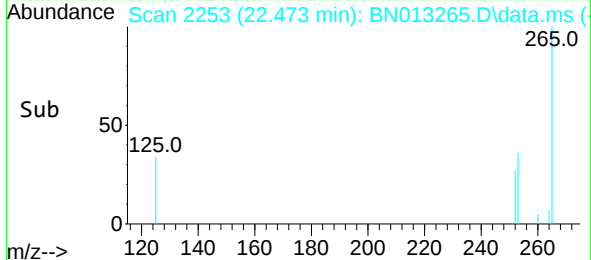
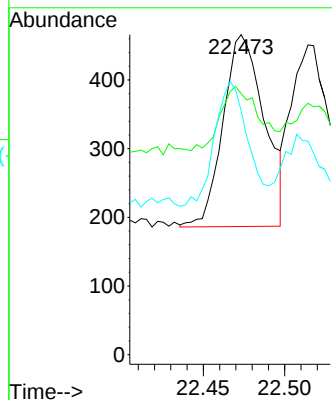
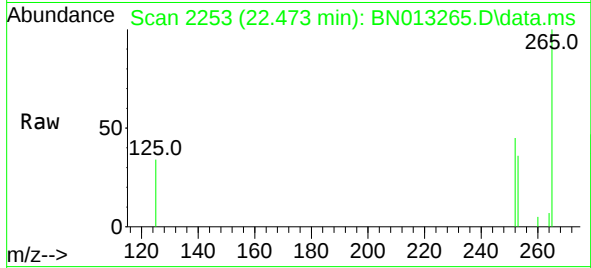




#37
Benzo(b)fluoranthene
Concen: 0.03 ng
RT: 22.473 min Scan# 2253
Delta R.T. 0.001 min
Lab File: BN013265.D
Acq: 22 Dec 2020 10:23

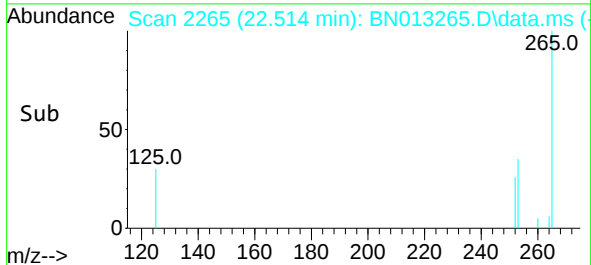
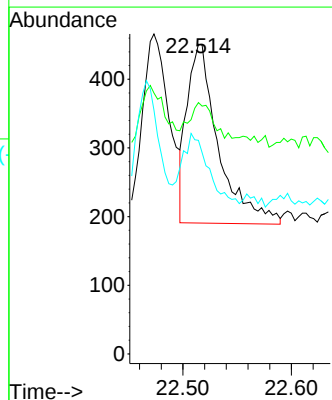
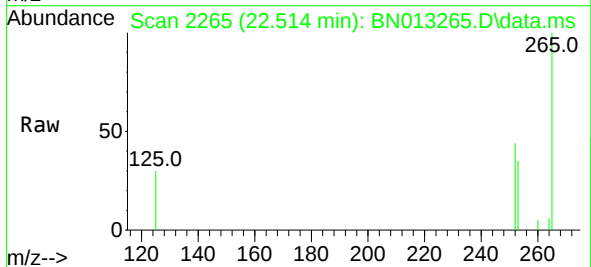
Instrument :
BNA_N
ClientSampleId :
MW179D2-20201214

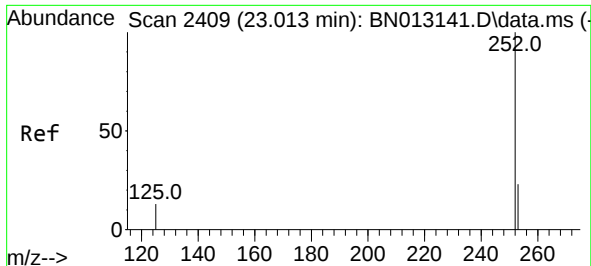
Tgt Ion:252 Resp: 494
Ion Ratio Lower Upper
252 100
253 81.5 20.1 30.1#
125 76.2 7.2 10.8#



#38
Benzo(k)fluoranthene
Concen: 0.03 ng
RT: 22.514 min Scan# 2265
Delta R.T. 0.001 min
Lab File: BN013265.D
Acq: 22 Dec 2020 10:23

Tgt Ion:252 Resp: 522
Ion Ratio Lower Upper
252 100
253 81.2 19.8 29.8#
125 69.0 7.1 10.7#





#39

Benzo(a)pyrene

Concen: 0.03 ng

RT: 23.000 min Scan# 2407

Delta R.T. 0.001 min

Lab File: BN013265.D

Acq: 22 Dec 2020 10:23

Tgt Ion:252 Resp: 483

Ion Ratio Lower Upper

252 100

253 93.7 21.3 31.9#

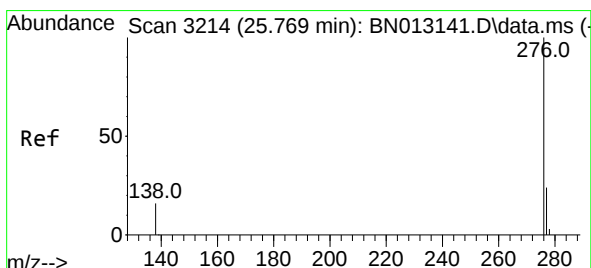
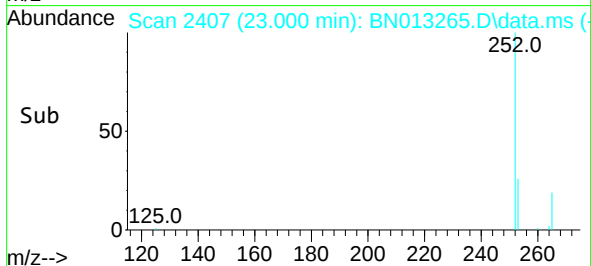
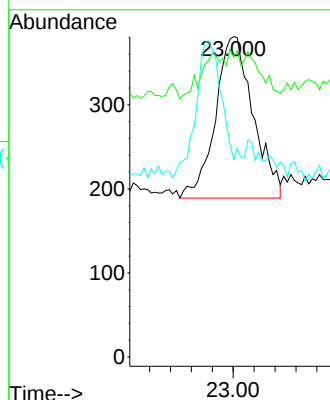
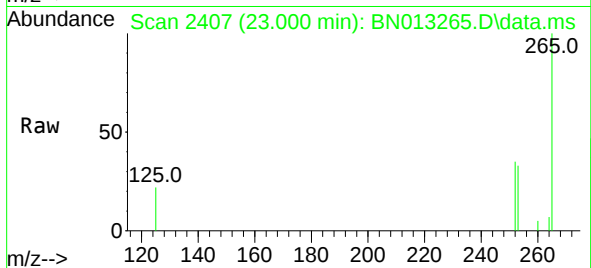
125 61.7 8.3 12.5#

Instrument :

BNA_N

ClientSampleId :

MW179D2-20201214



#41

Benzo(g,h,i)perylene

Concen: 0.03 ng

RT: 25.756 min Scan# 3212

Delta R.T. 0.014 min

Lab File: BN013265.D

Acq: 22 Dec 2020 10:23

Tgt Ion:276 Resp: 590

Ion Ratio Lower Upper

276 100

277 52.2 19.8 29.8#

138 45.1 11.7 17.5#

