

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121820\
 Data File : BN013215.D
 Acq On : 18 Dec 2020 19:05
 Operator : CG/JU
 Sample : L5123-15
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT180D1-20201214

Quant Time: Dec 19 01:11:35 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

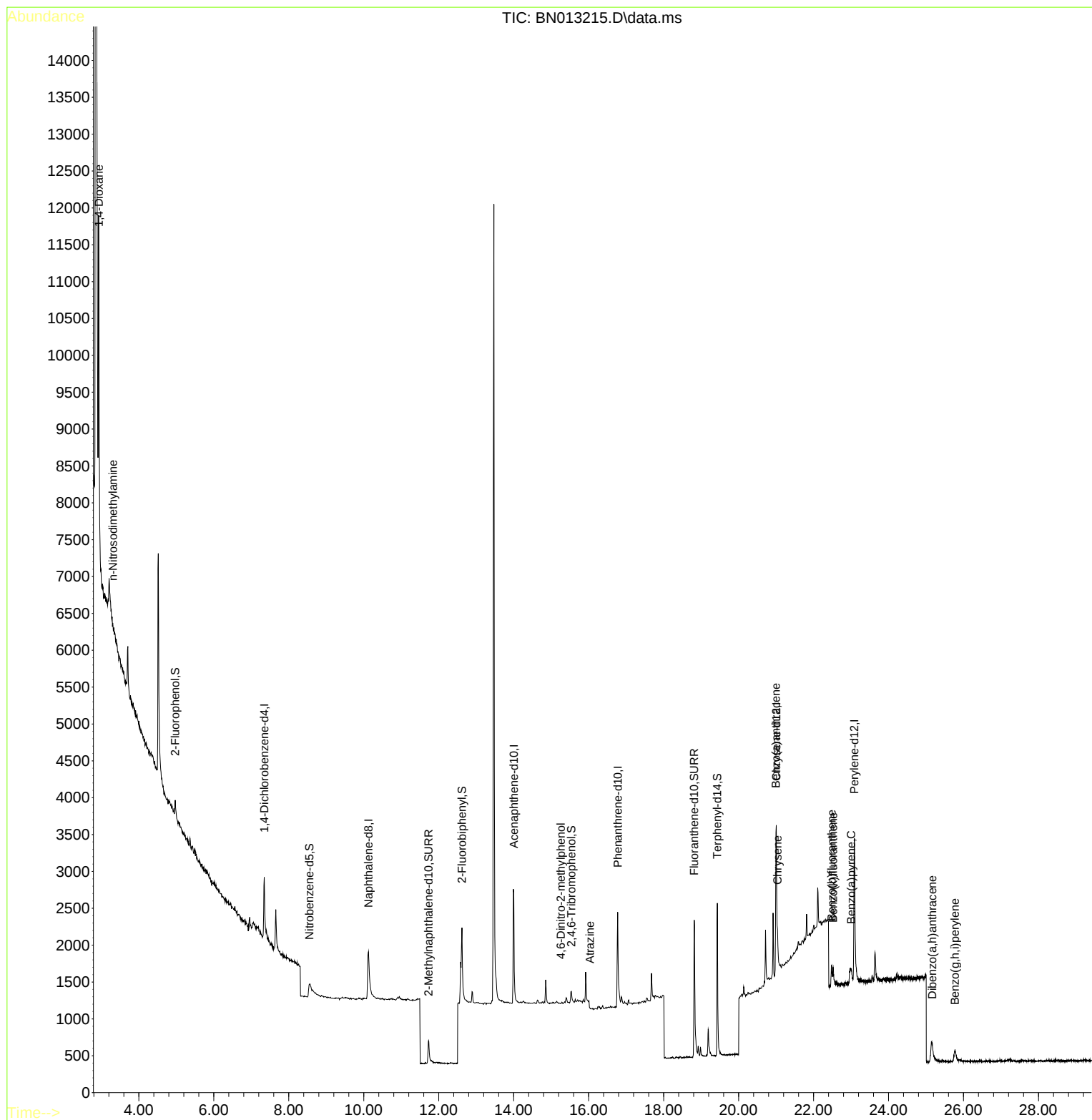
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.346	152	627	0.40	ng	0.00
7) Naphthalene-d8	10.125	136	1782	0.40	ng	# 0.01
13) Acenaphthene-d10	14.004	164	1139	0.40	ng	0.00
19) Phenanthrene-d10	16.775	188	2442	0.40	ng	# 0.00
29) Chrysene-d12	21.006	240	2888	0.40	ng	# 0.00
36) Perylene-d12	23.089	264	2998	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.970	112	217	0.08	ng	0.00
5) Phenol-d6	6.573	99	42	0.02	ng	0.02
8) Nitrobenzene-d5	8.553	82	468	0.25	ng	0.03
11) 2-Methylnaphthalene-d10	11.728	152	699	0.22	ng	0.00
14) 2,4,6-Tribromophenol	15.539	330	178	0.25	ng	0.00
15) 2-Fluorobiphenyl	12.621	172	1236	0.26	ng	-0.01
27) Fluoranthene-d10	18.816	212	3102	0.39	ng	0.00
31) Terphenyl-d14	19.432	244	2693	0.37	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.933	88	2830	2.59	ng	97
3) n-Nitrosodimethylamine	3.311	42	39	0.02	ng	# 12
20) 4,6-Dinitro-2-methylph...	15.260	198	1	0.19	ng	# 1
23) Atrazine	16.033	200	170	0.12	ng	# 1
32) Benzo(a)anthracene	20.995	228	270	0.03	ng	# 56
33) Chrysene	21.038	228	381	0.04	ng	# 73
34) Bis(2-ethylhexyl)phtha...	20.921	149	756	Below Cal		98
37) Benzo(b)fluoranthene	22.479	252	337	0.03	ng	# 1
38) Benzo(k)fluoranthene	22.520	252	323	0.03	ng	# 1
39) Benzo(a)pyrene	23.003	252	282	0.03	ng	# 1
40) Dibenzo(a,h)anthracene	25.163	278	261	0.02	ng	# 1
41) Benzo(g,h,i)perylene	25.772	276	427	0.04	ng	# 28

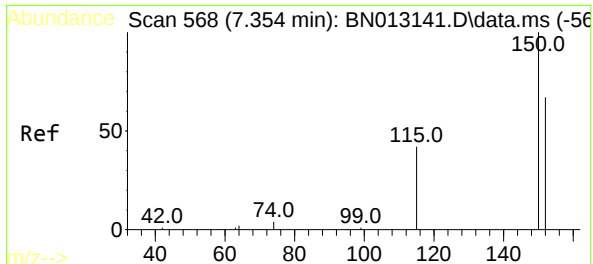
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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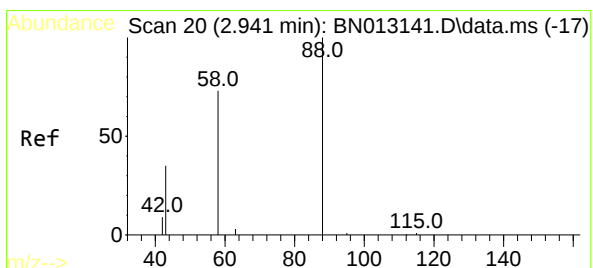
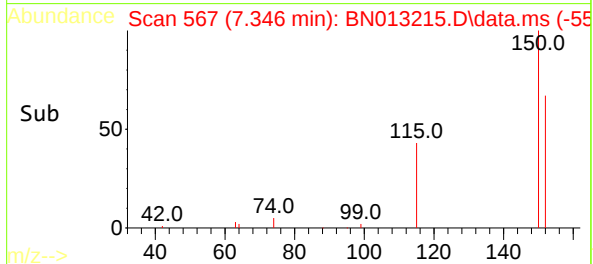
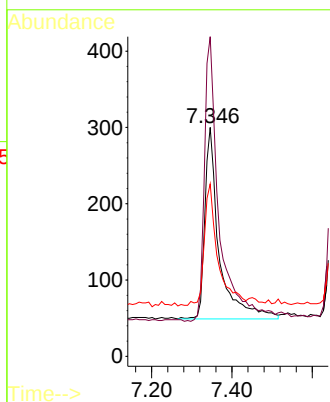
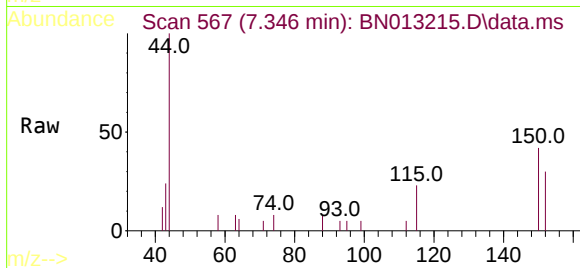


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.346 min Scan# 567
 Delta R.T. -0.000 min
 Lab File: BN013215.D
 Acq: 18 Dec 2020 19:05

Instrument :
 BNA_N
 ClientSampleId :
 TT180D1-20201214

Tgt Ion:152 Resp: 627

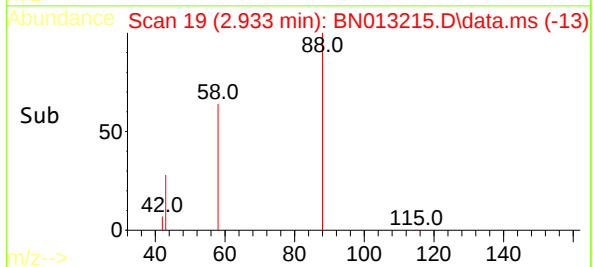
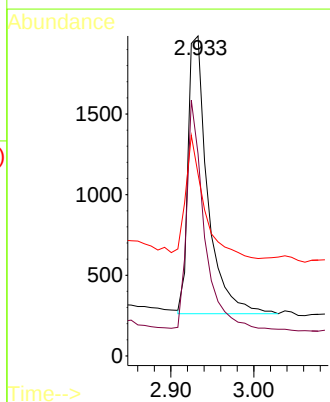
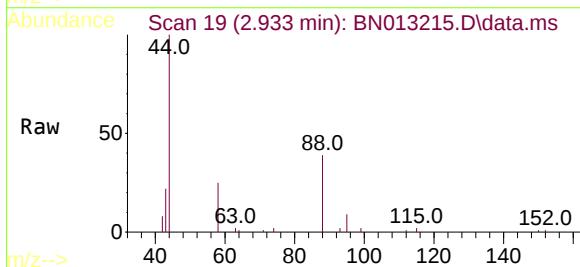
Ion	Ratio	Lower	Upper
152	100		
150	139.7	116.6	174.8
115	75.3	52.9	79.3

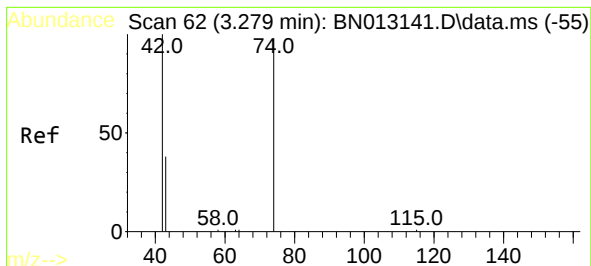


#2
 1,4-Dioxane
 Concen: 2.59 ng
 RT: 2.933 min Scan# 19
 Delta R.T. -0.000 min
 Lab File: BN013215.D
 Acq: 18 Dec 2020 19:05

Tgt Ion: 88 Resp: 2830

Ion	Ratio	Lower	Upper
88	100		
58	77.1	59.4	89.2
43	41.6	32.3	48.5





#3

n-Nitrosodimethylamine

Concen: 0.02 ng

RT: 3.311 min Scan# 66

Delta R.T. 0.032 min

Lab File: BN013215.D

Acq: 18 Dec 2020 19:05

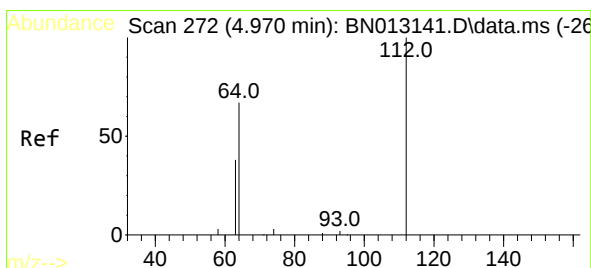
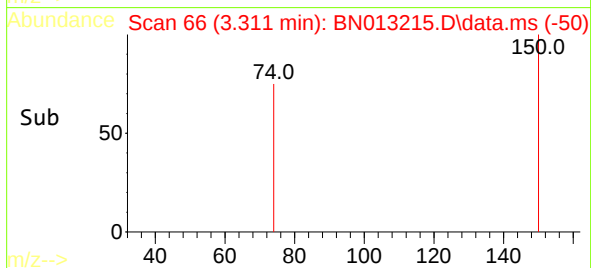
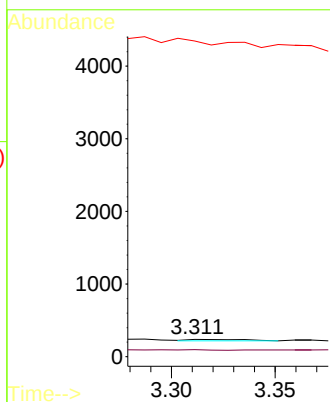
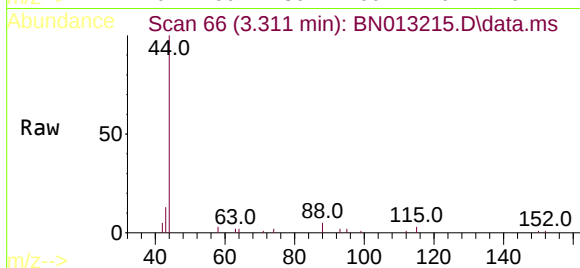
Tgt Ion:	42	Resp:	39
Ion	Ratio	Lower	Upper
42	100		
74	0.0	64.4	96.6#
44	0.0	2.8	4.2#

Instrument :

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#4

2-Fluorophenol

Concen: 0.08 ng

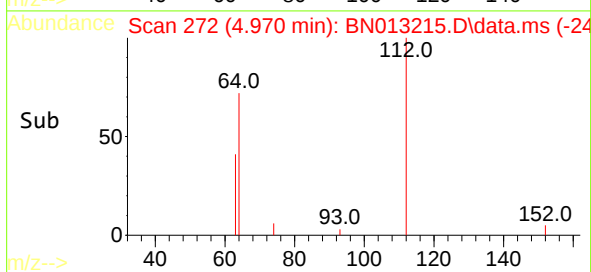
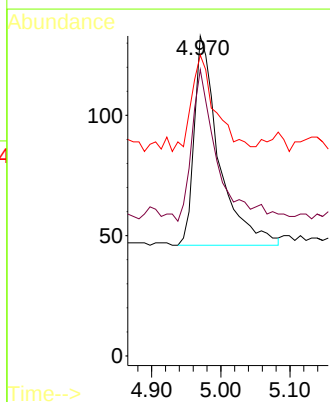
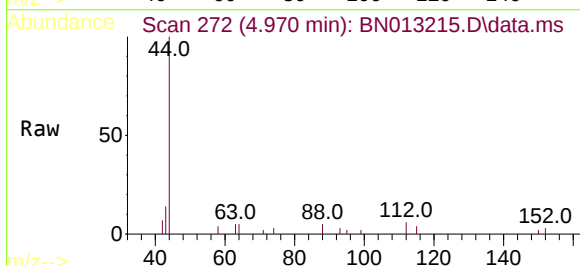
RT: 4.970 min Scan# 272

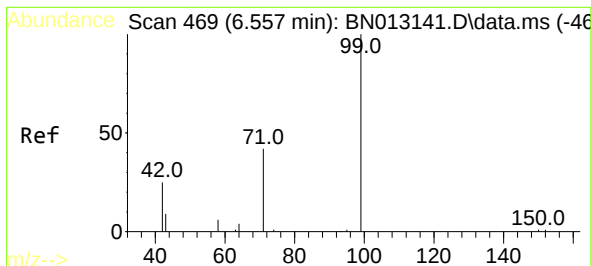
Delta R.T. 0.008 min

Lab File: BN013215.D

Acq: 18 Dec 2020 19:05

Tgt Ion:	112	Resp:	217
Ion	Ratio	Lower	Upper
112	100		
64	75.1	49.5	74.3#
63	44.2	32.0	48.0

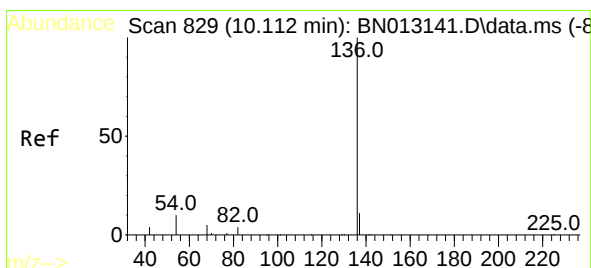
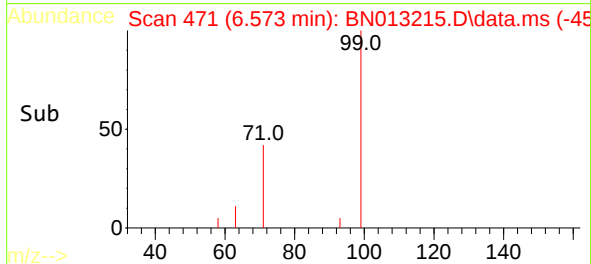
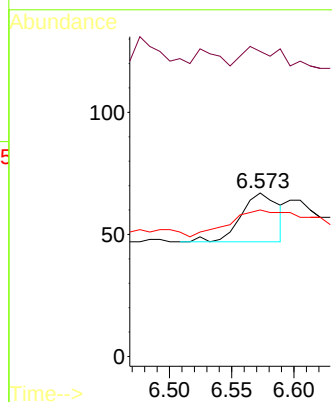
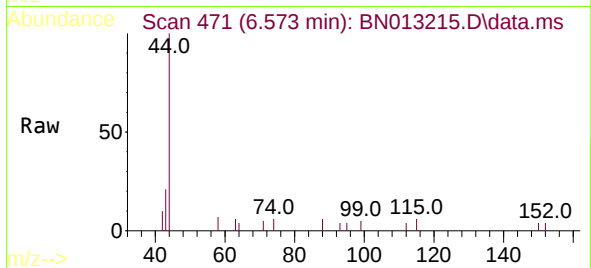




#5
Phenol-d6
Concen: 0.02 ng
RT: 6.573 min Scan# 471
Delta R.T. 0.024 min
Lab File: BN013215.D
Acq: 18 Dec 2020 19:05

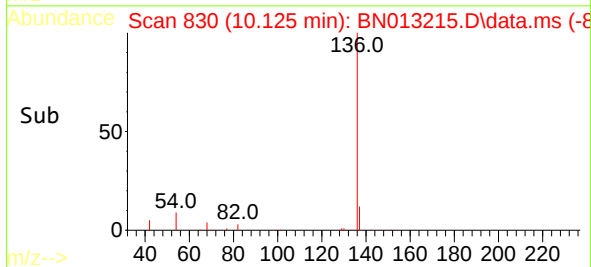
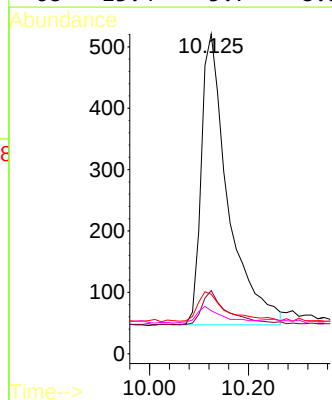
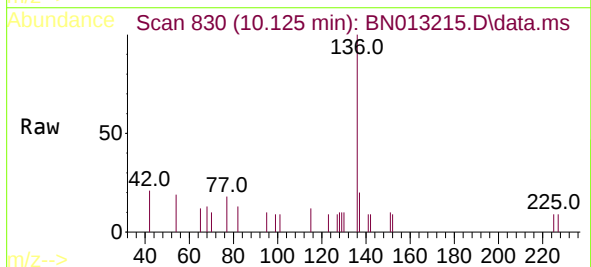
Instrument :
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ClientSampleId :
TT180D1-20201214

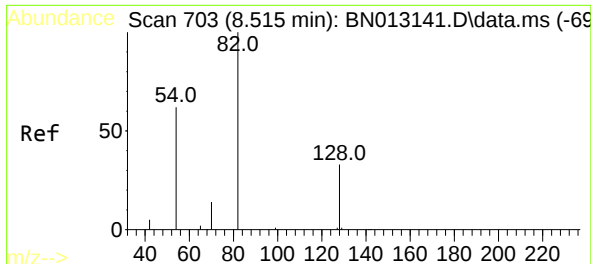
Tgt Ion: 99 Resp: 42
Ion Ratio Lower Upper
99 100
42 176.2 22.4 33.6#
71 133.3 37.8 56.6#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.125 min Scan# 830
Delta R.T. 0.013 min
Lab File: BN013215.D
Acq: 18 Dec 2020 19:05

Tgt Ion: 136 Resp: 1782
Ion Ratio Lower Upper
136 100
137 19.8 10.6 15.8#
54 18.6 8.6 12.8#
68 13.4 5.7 8.5#

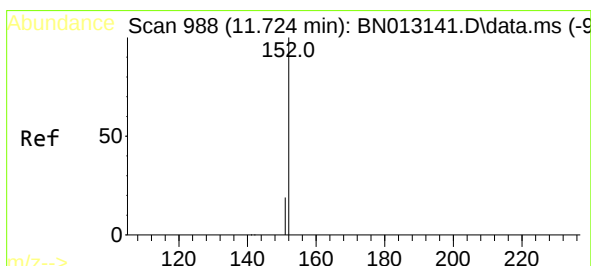
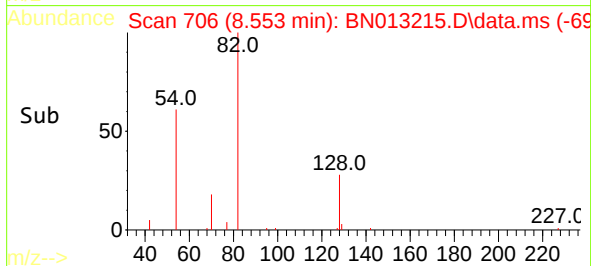
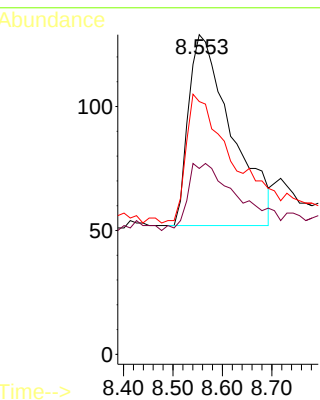
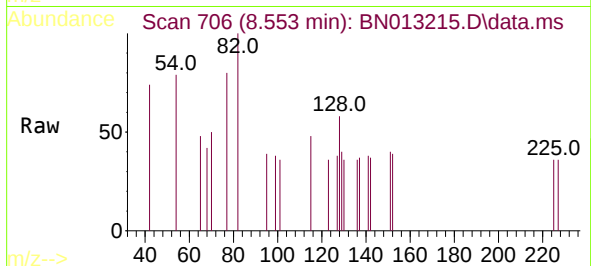




#8
Nitrobenzene-d5
Concen: 0.25 ng
RT: 8.553 min Scan# 706
Delta R.T. 0.025 min
Lab File: BN013215.D
Acq: 18 Dec 2020 19:05

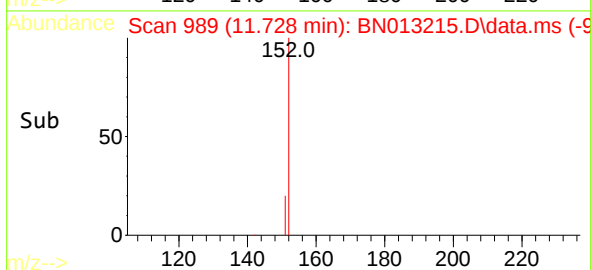
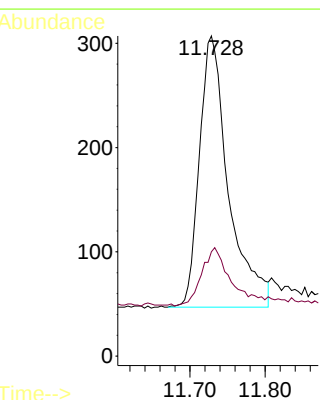
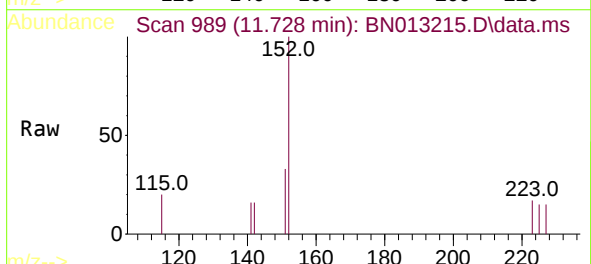
Instrument :
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ClientSampleId :
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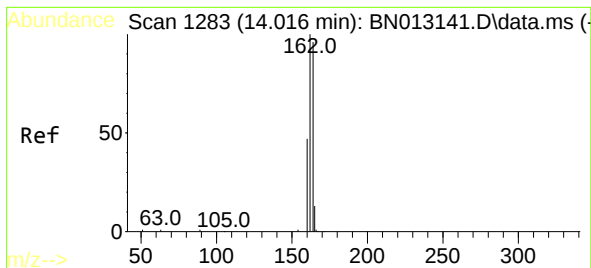
Tgt Ion: 82 Resp: 468
Ion Ratio Lower Upper
82 100
128 58.1 30.6 46.0#
54 79.1 48.3 72.5#



#11
2-Methylnaphthalene-d10
Concen: 0.22 ng
RT: 11.728 min Scan# 989
Delta R.T. 0.004 min
Lab File: BN013215.D
Acq: 18 Dec 2020 19:05

Tgt Ion: 152 Resp: 699
Ion Ratio Lower Upper
152 100
151 21.9 16.7 25.1

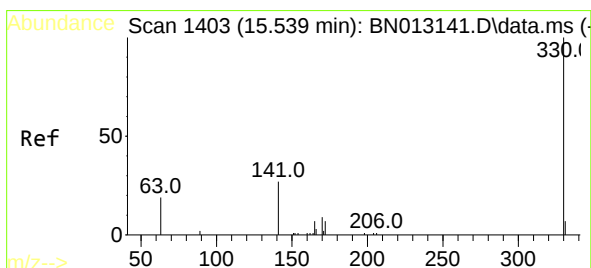
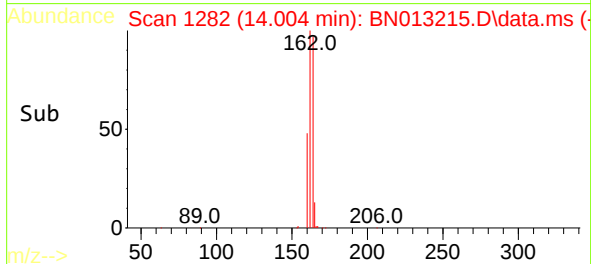
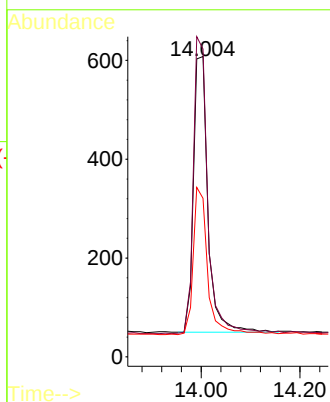
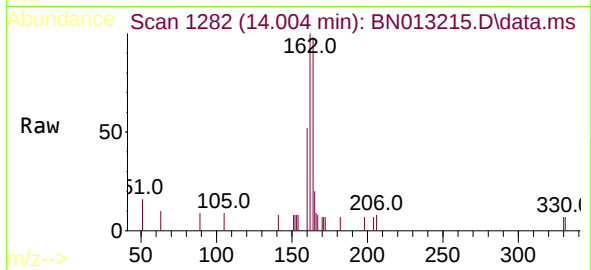




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.004 min Scan# 1282
Delta R.T. -0.000 min
Lab File: BN013215.D
Acq: 18 Dec 2020 19:05

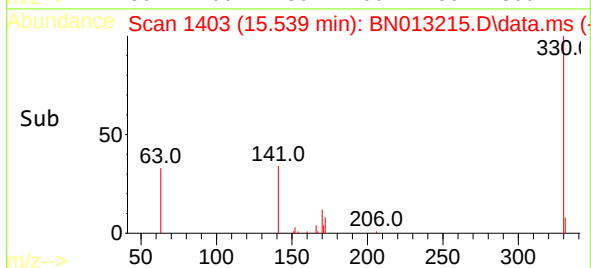
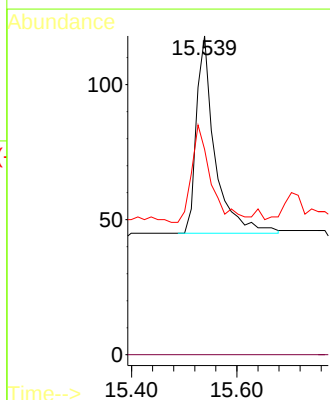
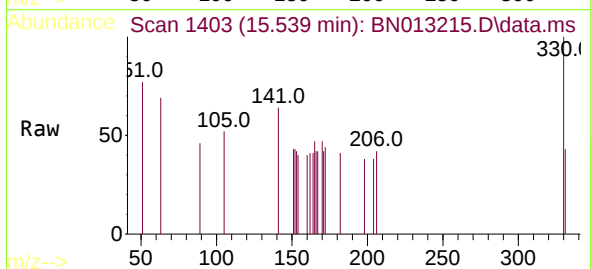
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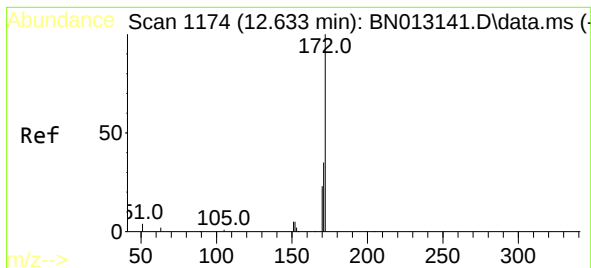
Tgt Ion:164 Resp: 1139
Ion Ratio Lower Upper
164 100
162 102.5 80.6 120.8
160 52.8 39.5 59.3



#14
2,4,6-Tribromophenol
Concen: 0.25 ng
RT: 15.539 min Scan# 1403
Delta R.T. -0.000 min
Lab File: BN013215.D
Acq: 18 Dec 2020 19:05

Tgt Ion:330 Resp: 178
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 51.7 34.4 51.6#

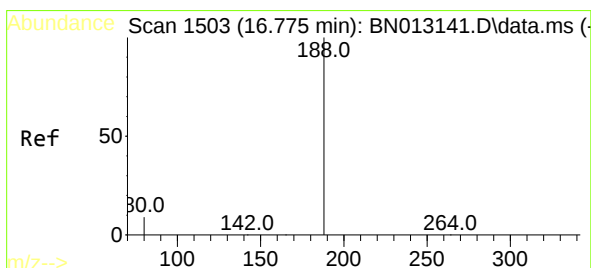
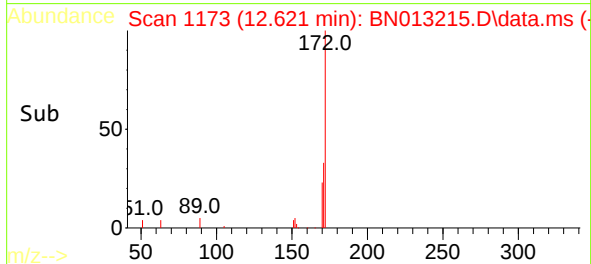
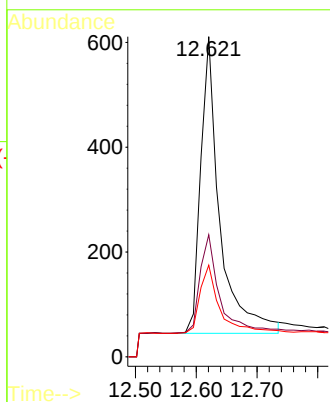
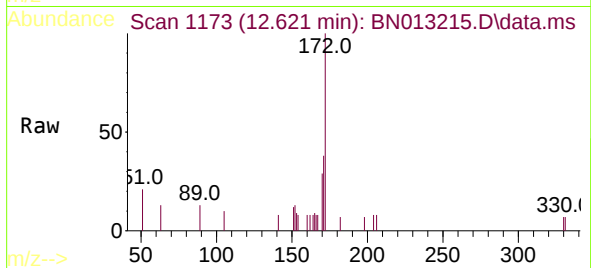




#15
2-Fluorobiphenyl
Concen: 0.26 ng
RT: 12.621 min Scan# 1173
Delta R.T. -0.013 min
Lab File: BN013215.D
Acq: 18 Dec 2020 19:05

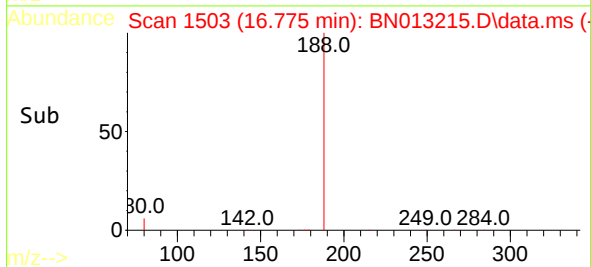
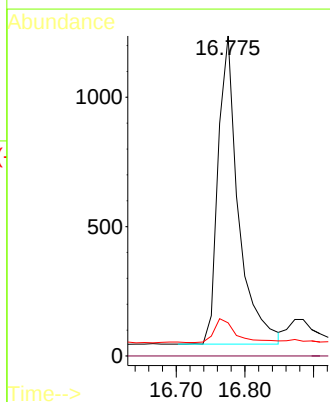
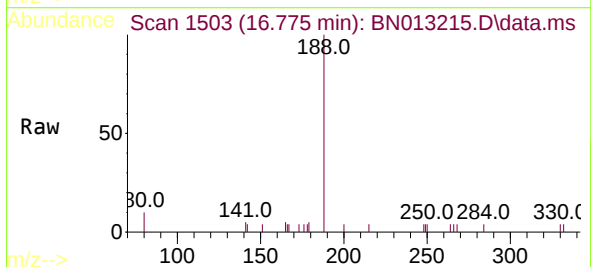
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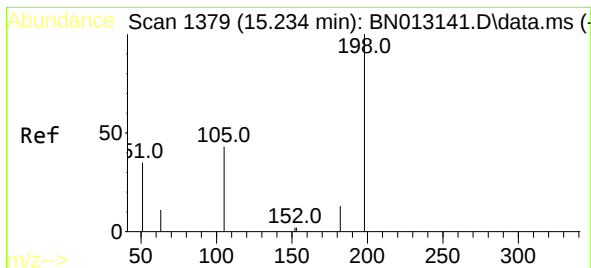
Tgt Ion:	172	Resp:	1236
Ion	Ratio	Lower	Upper
172	100		
171	38.1	28.2	42.4
170	28.6	20.0	30.0



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.775 min Scan# 1503
Delta R.T. -0.000 min
Lab File: BN013215.D
Acq: 18 Dec 2020 19:05

Tgt Ion:	188	Resp:	2442
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.3	5.0	7.4

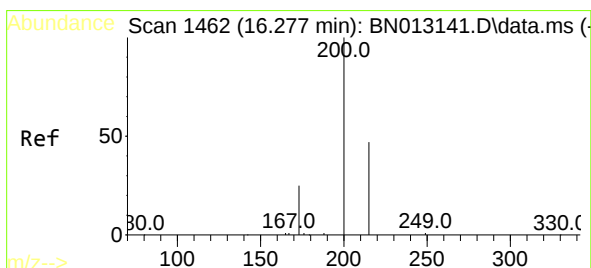
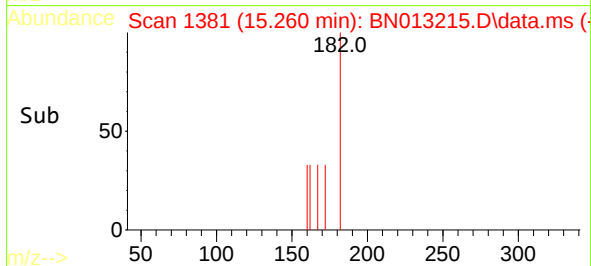
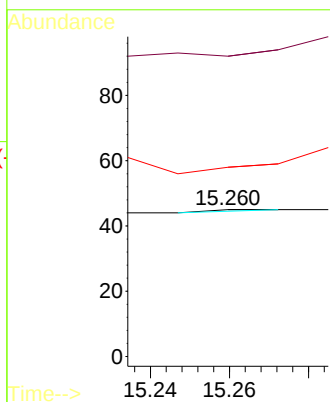
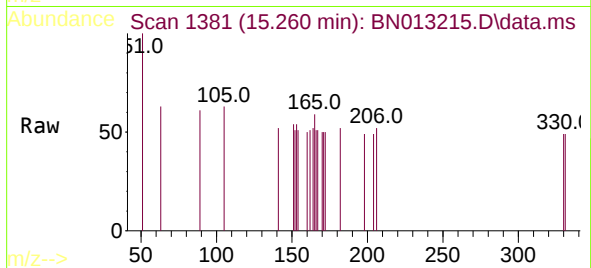




#20
4,6-Dinitro-2-methylphenol
Concen: 0.19 ng
RT: 15.260 min Scan# 1381
Delta R.T. -0.000 min
Lab File: BN013215.D
Acq: 18 Dec 2020 19:05

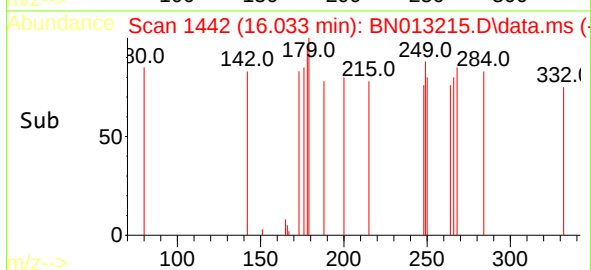
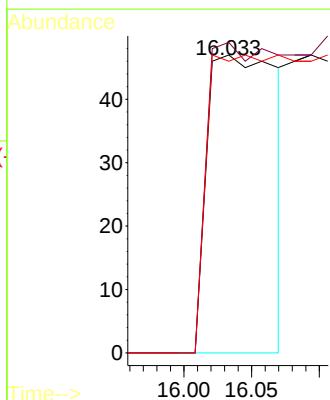
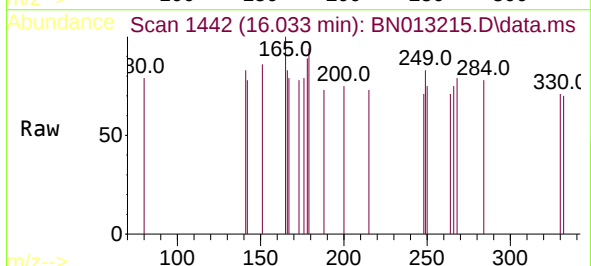
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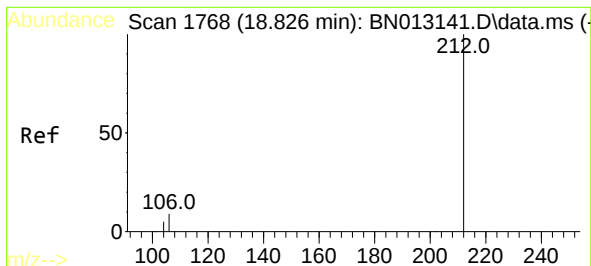
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 204.4 43.5 65.3#
105 128.9 27.2 40.8#



#23
Atrazine
Concen: 0.12 ng
RT: 16.033 min Scan# 1442
Delta R.T. -0.243 min
Lab File: BN013215.D
Acq: 18 Dec 2020 19:05

Tgt Ion:200 Resp: 170
Ion Ratio Lower Upper
200 100
173 104.3 22.8 34.2#
215 97.9 38.1 57.1#

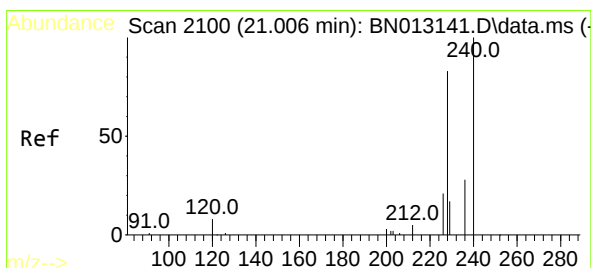
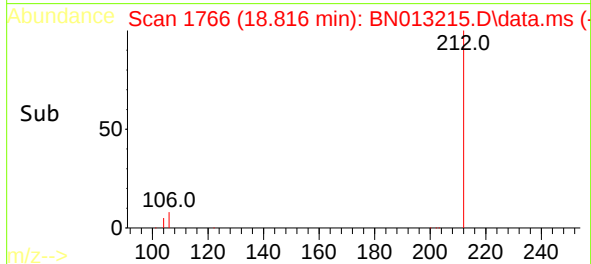
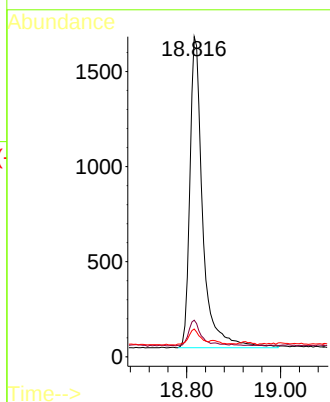
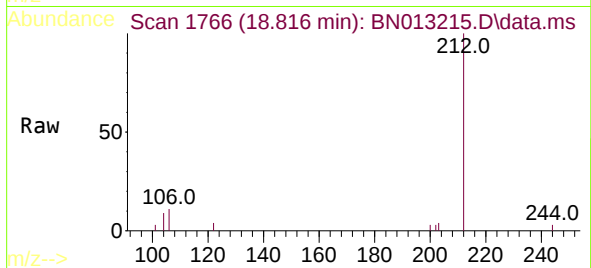




#27
Fluoranthene-d10
Concen: 0.39 ng
RT: 18.816 min Scan# 1766
Delta R.T. -0.005 min
Lab File: BN013215.D
Acq: 18 Dec 2020 19:05

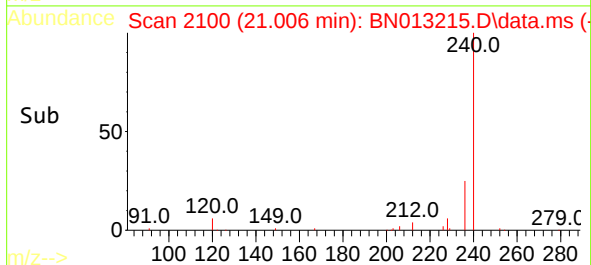
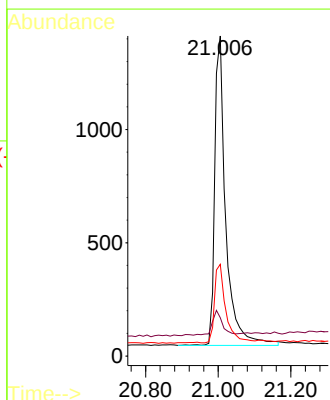
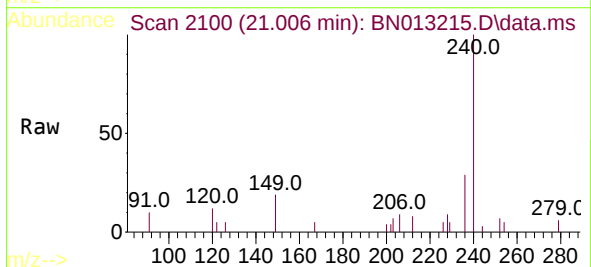
Instrument :
BNA_N
ClientSampleId :
TT180D1-20201214

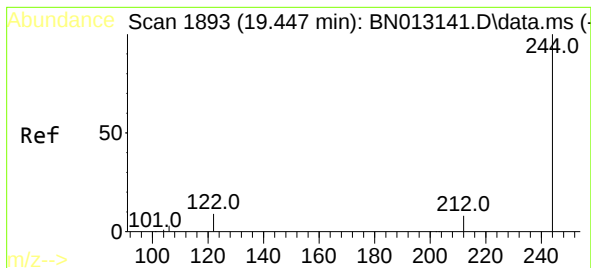
Tgt Ion:212 Resp: 3102
Ion Ratio Lower Upper
212 100
106 8.2 6.8 10.2
104 4.5 4.1 6.1



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.006 min Scan# 2100
Delta R.T. -0.000 min
Lab File: BN013215.D
Acq: 18 Dec 2020 19:05

Tgt Ion:240 Resp: 2888
Ion Ratio Lower Upper
240 100
120 12.0 5.3 7.9#
236 28.7 21.8 32.8

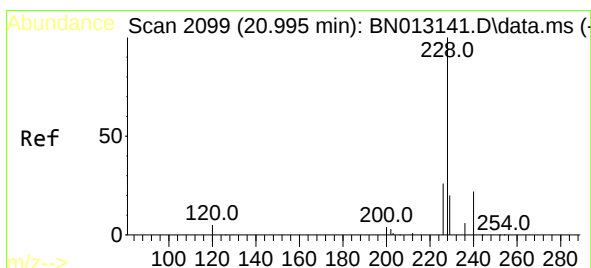
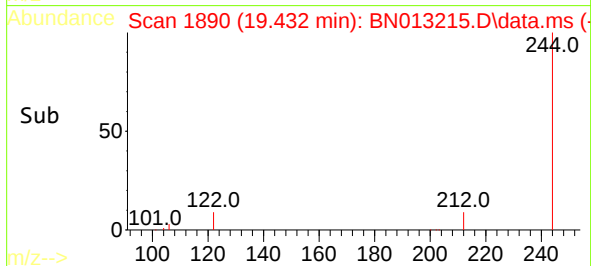
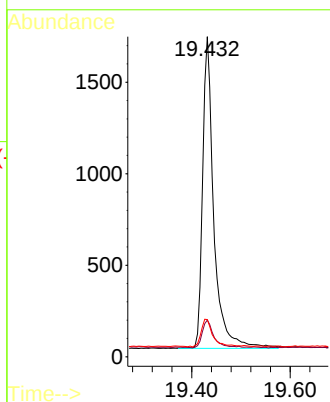
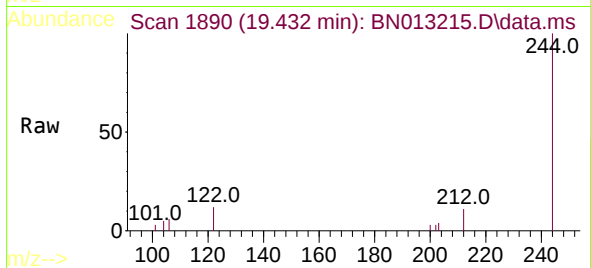




#31
 Terphenyl-d14
 Concen: 0.37 ng
 RT: 19.432 min Scan# 1890
 Delta R.T. -0.015 min
 Lab File: BN013215.D
 Acq: 18 Dec 2020 19:05

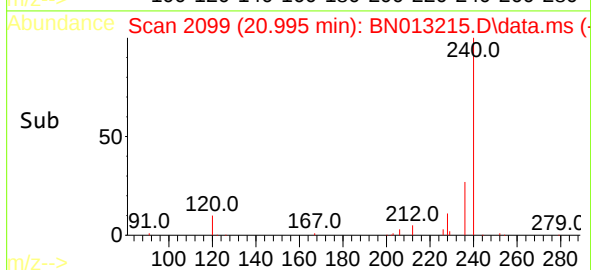
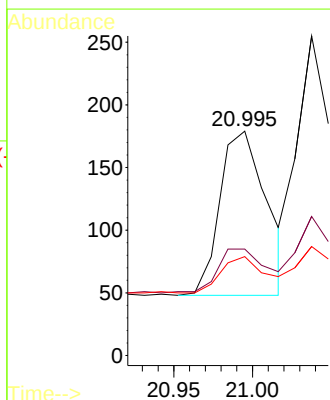
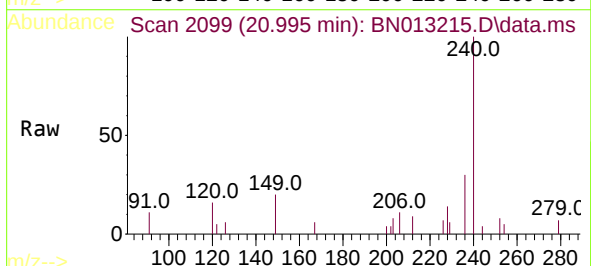
Instrument :
 BNA_N
 ClientSampleId :
 TT180D1-20201214

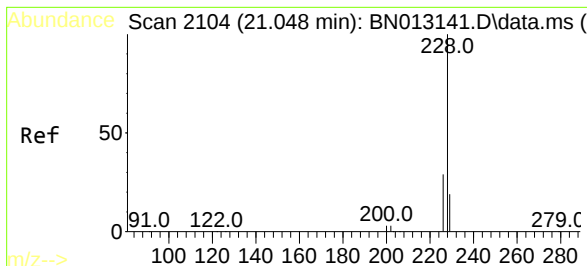
Tgt Ion:244 Resp: 2693
 Ion Ratio Lower Upper
 244 100
 212 11.5 7.3 10.9#
 122 11.6 7.3 10.9#



#32
 Benzo(a)anthracene
 Concen: 0.03 ng
 RT: 20.995 min Scan# 2099
 Delta R.T. -0.000 min
 Lab File: BN013215.D
 Acq: 18 Dec 2020 19:05

Tgt Ion:228 Resp: 270
 Ion Ratio Lower Upper
 228 100
 226 47.5 22.3 33.5#
 229 44.1 15.7 23.5#





#33

Chrysene

Concen: 0.04 ng

RT: 21.038 min Scan# 2103

Delta R.T. -0.000 min

Lab File: BN013215.D

Acq: 18 Dec 2020 19:05

Tgt Ion:228 Resp: 381

Ion Ratio Lower Upper

228 100

226 43.5 24.2 36.2#

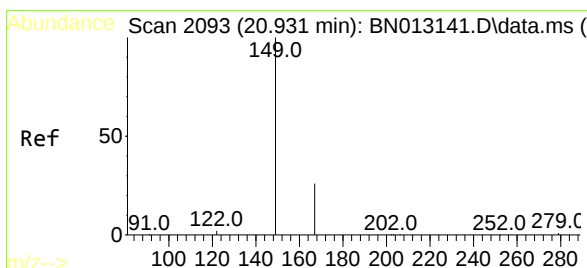
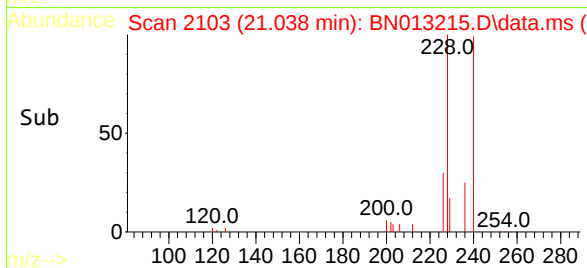
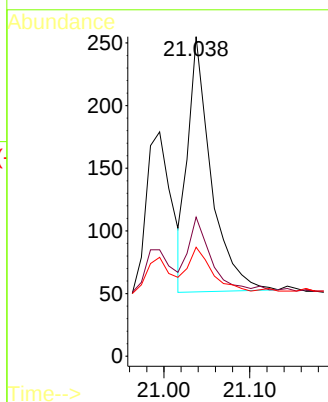
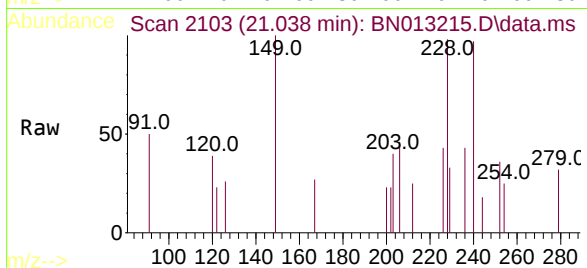
229 34.1 15.7 23.5#

Instrument :

BNA_N

ClientSampleId :

TT180D1-20201214



#34

Bis(2-ethylhexyl)phthalate

Concen: Below Cal

RT: 20.921 min Scan# 2092

Delta R.T. -0.000 min

Lab File: BN013215.D

Acq: 18 Dec 2020 19:05

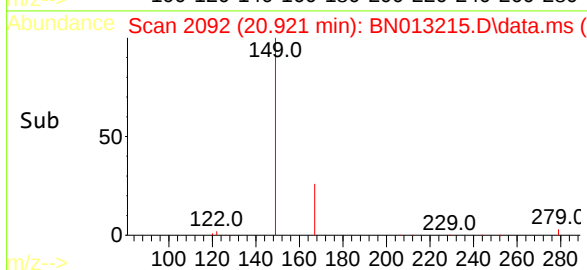
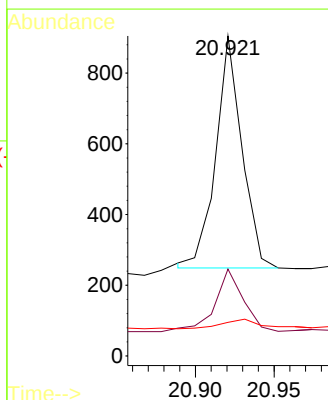
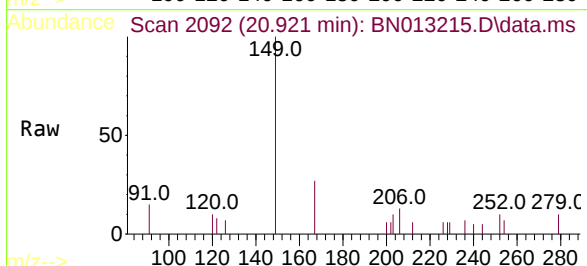
Tgt Ion:149 Resp: 756

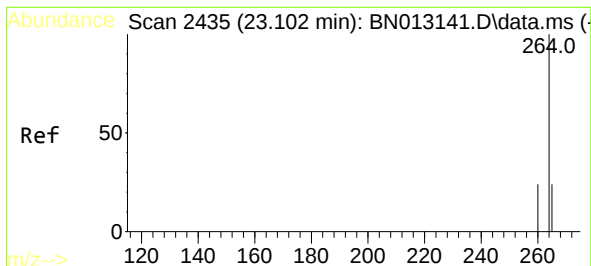
Ion Ratio Lower Upper

149 100

167 28.0 23.2 34.8

279 5.8 3.9 5.9

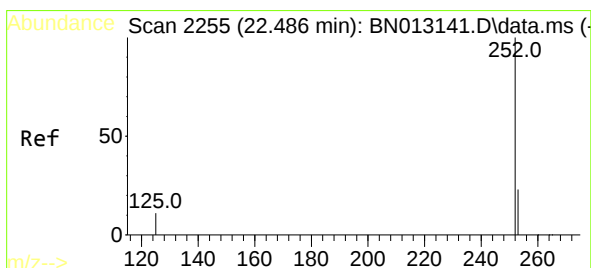
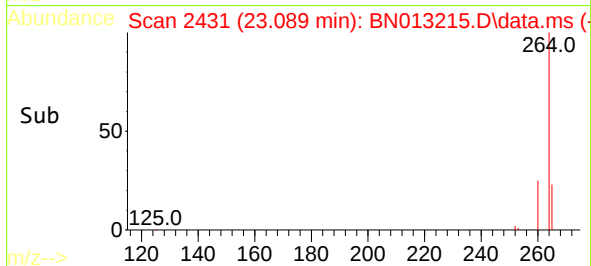
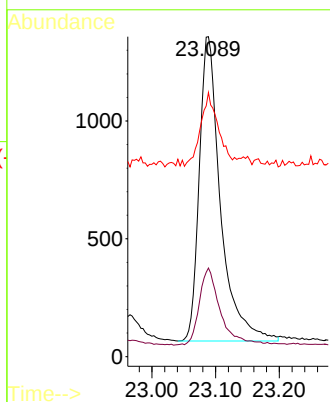
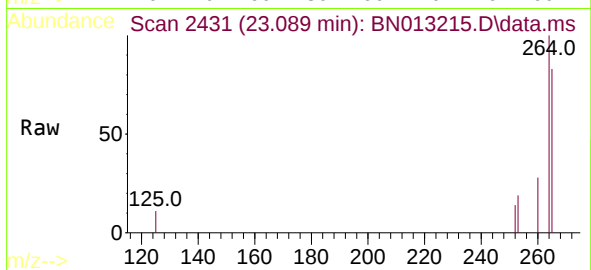




#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.089 min Scan# 2431
 Delta R.T. -0.007 min
 Lab File: BN013215.D
 Acq: 18 Dec 2020 19:05

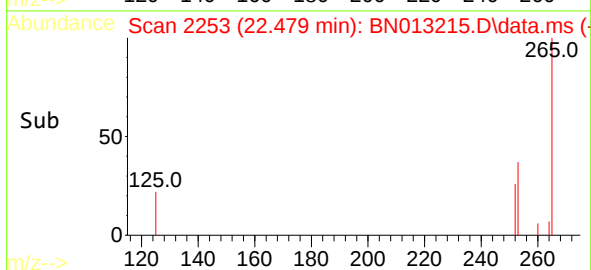
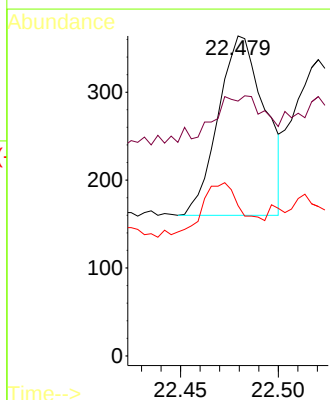
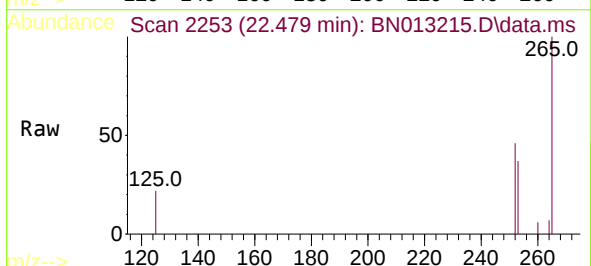
Instrument :
 BNA_N
 ClientSampleId :
 TT180D1-20201214

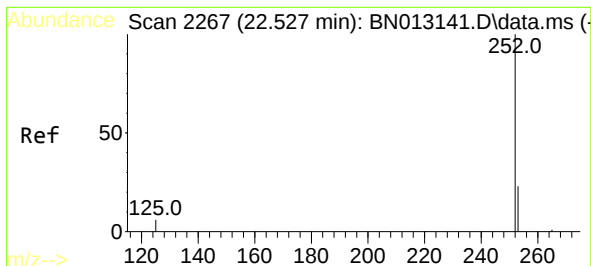
Tgt Ion:264 Resp: 2998
 Ion Ratio Lower Upper
 264 100
 260 27.7 19.8 29.6
 265 82.5 51.4 77.0#



#37
 Benzo(b)fluoranthene
 Concen: 0.03 ng
 RT: 22.479 min Scan# 2253
 Delta R.T. -0.000 min
 Lab File: BN013215.D
 Acq: 18 Dec 2020 19:05

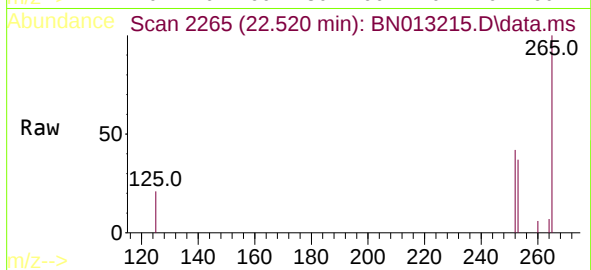
Tgt Ion:252 Resp: 337
 Ion Ratio Lower Upper
 252 100
 253 79.7 20.1 30.1#
 125 47.0 7.2 10.8#



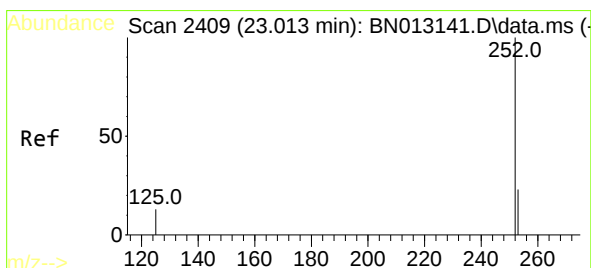
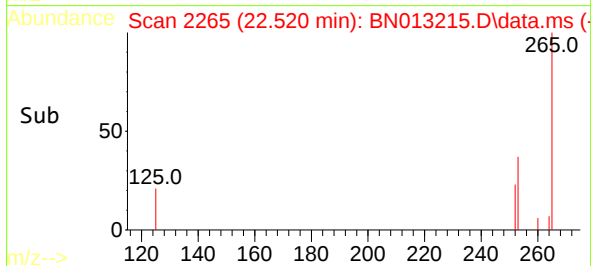
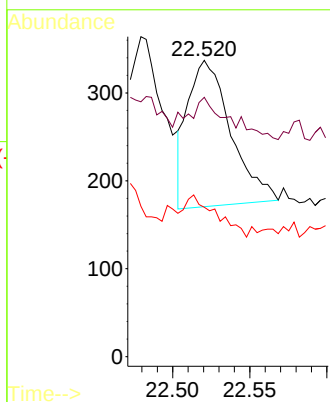


#38
Benzo(k)fluoranthene
Concen: 0.03 ng
RT: 22.520 min Scan# 2265
Delta R.T. 0.003 min
Lab File: BN013215.D
Acq: 18 Dec 2020 19:05

Instrument :
BNA_N
ClientSampleId :
TT180D1-20201214

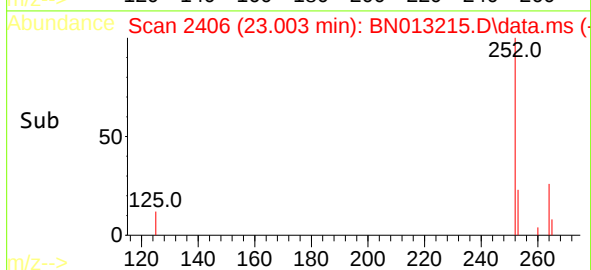
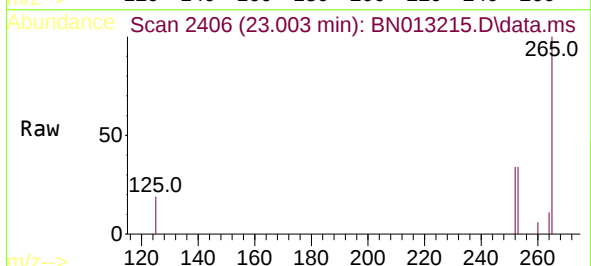
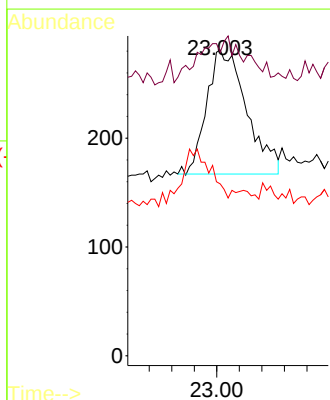


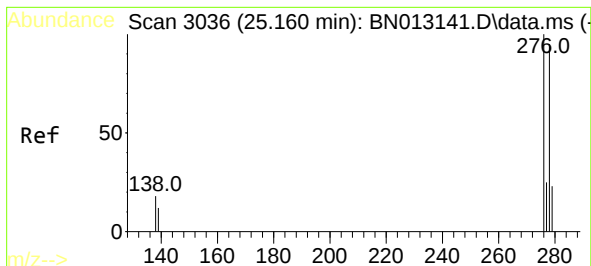
Tgt Ion:252 Resp: 323
Ion Ratio Lower Upper
252 100
253 87.5 19.8 29.8#
125 50.4 7.1 10.7#



#39
Benzo(a)pyrene
Concen: 0.03 ng
RT: 23.003 min Scan# 2406
Delta R.T. -0.003 min
Lab File: BN013215.D
Acq: 18 Dec 2020 19:05

Tgt Ion:252 Resp: 282
Ion Ratio Lower Upper
252 100
253 99.3 21.3 31.9#
125 56.2 8.3 12.5#





#40

Dibenzo(a,h)anthracene

Concen: 0.02 ng

RT: 25.163 min Scan# 3037

Delta R.T. 0.010 min

Lab File: BN013215.D

Acq: 18 Dec 2020 19:05

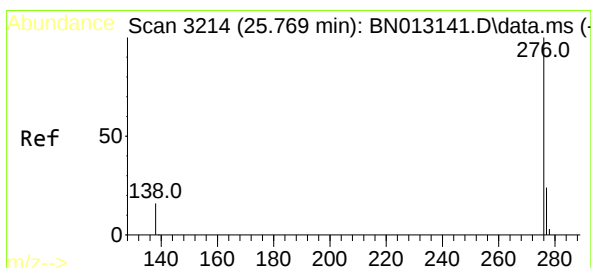
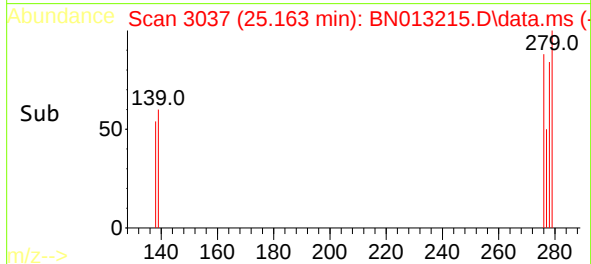
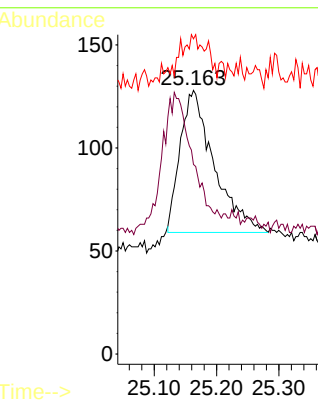
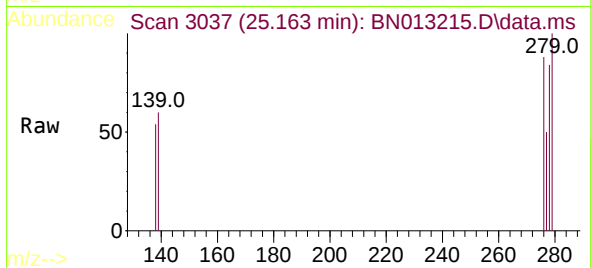
Tgt Ion:278 Resp: 261

Ion Ratio Lower Upper

278 100

139 71.9 9.3 13.9#

279 119.5 21.6 32.4#



#41

Benzo(g,h,i)perylene

Concen: 0.04 ng

RT: 25.772 min Scan# 3215

Delta R.T. 0.024 min

Lab File: BN013215.D

Acq: 18 Dec 2020 19:05

Tgt Ion:276 Resp: 427

Ion Ratio Lower Upper

276 100

277 57.6 19.8 29.8#

138 48.7 11.7 17.5#

