

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122220\
 Data File : BN013267.D
 Acq On : 22 Dec 2020 11:35
 Operator : CG/JU
 Sample : L5123-21
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW179D-20201214

Quant Time: Dec 22 13:13:37 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)

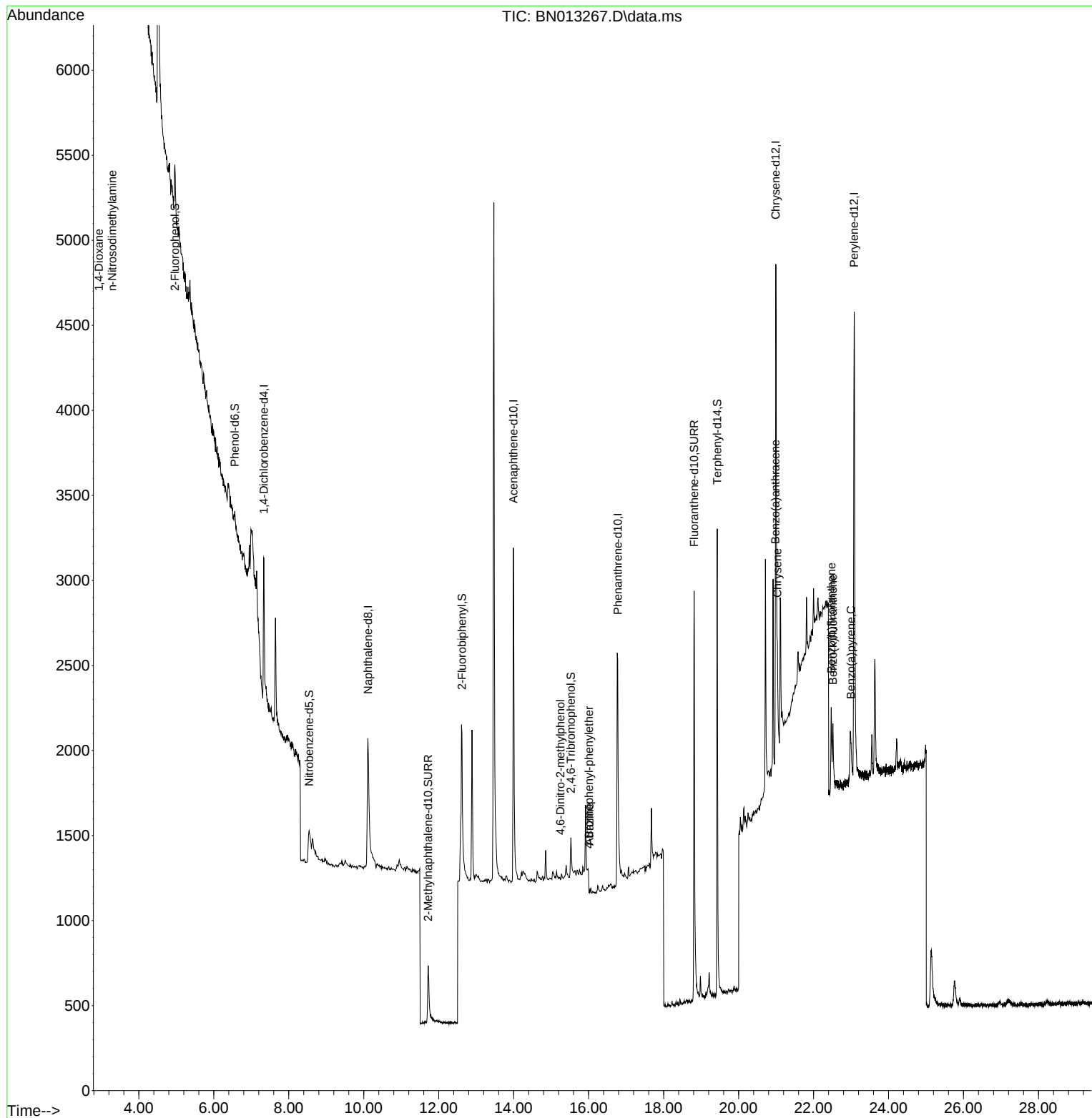
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.338	152	596	0.40	ng	0.00
7) Naphthalene-d8	10.112	136	2065	0.40	ng	# 0.01
13) Acenaphthene-d10	13.991	164	1391	0.40	ng	0.00
19) Phenanthrene-d10	16.775	188	3200	0.40	ng	# 0.01
29) Chrysene-d12	20.992	240	3605	0.40	ng	# 0.00
36) Perylene-d12	23.082	264	4123	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.962	112	287	0.12	ng	0.00
5) Phenol-d6	6.557	99	162	0.07	ng	0.02
8) Nitrobenzene-d5	8.540	82	465	0.22	ng	0.04
11) 2-Methylnaphthalene-d10	11.719	152	869	0.24	ng	0.01
14) 2,4,6-Tribromophenol	15.526	330	242	0.28	ng	0.00
15) 2-Fluorobiphenyl	12.621	172	1318	0.23	ng	0.01
27) Fluoranthene-d10	18.813	212	3682	0.35	ng	0.00
31) Terphenyl-d14	19.429	244	3417	0.37	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.933	88	150	0.14	ng	# 58
3) n-Nitrosodimethylamine	3.295	42	97	0.06	ng	# 26
20) 4,6-Dinitro-2-methylph...	15.247	198	3	0.19	ng	# 1
21) 4-Bromophenyl-phenylether	16.008	248	136	0.22	ng	# 71
23) Atrazine	16.020	200	208	0.11	ng	# 2
32) Benzo(a)anthracene	20.982	228	389	0.03	ng	# 67
33) Chrysene	21.035	228	425	0.03	ng	# 75
34) Bis(2-ethylhexyl)phtha...	20.918	149	905	Below	Cal	96
37) Benzo(b)fluoranthene	22.477	252	487	0.03	ng	# 1
38) Benzo(k)fluoranthene	22.514	252	425	0.03	ng	# 1
39) Benzo(a)pyrene	22.997	252	399	0.03	ng	# 1

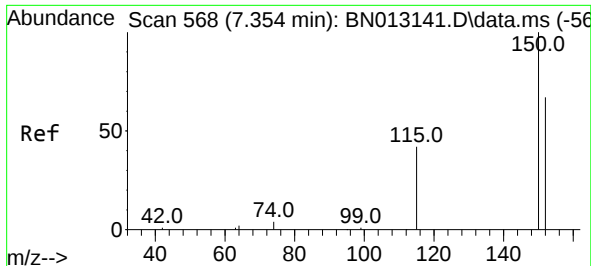
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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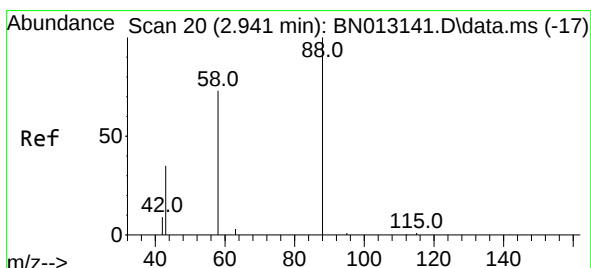
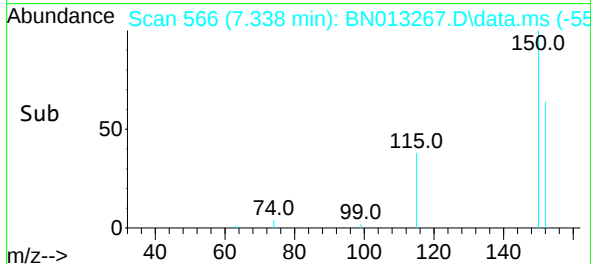
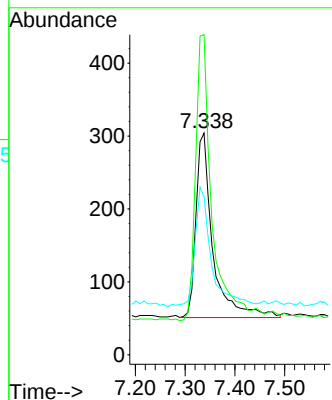
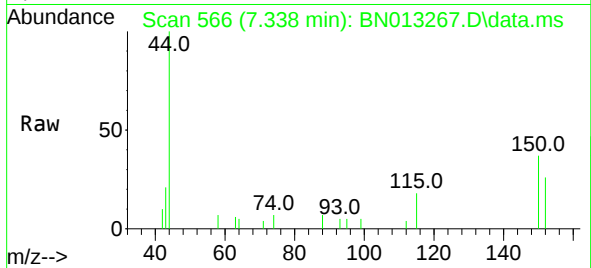




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.338 min Scan# 566
Delta R.T. 0.008 min
Lab File: BN013267.D
Acq: 22 Dec 2020 11:35

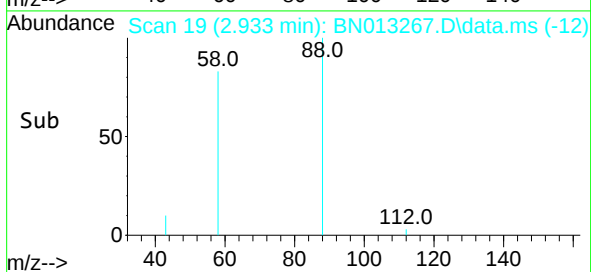
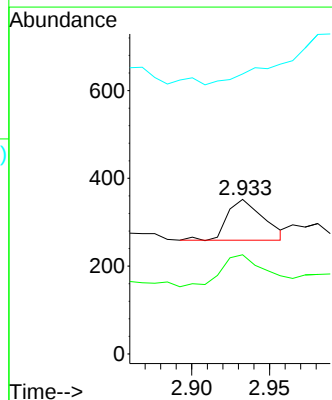
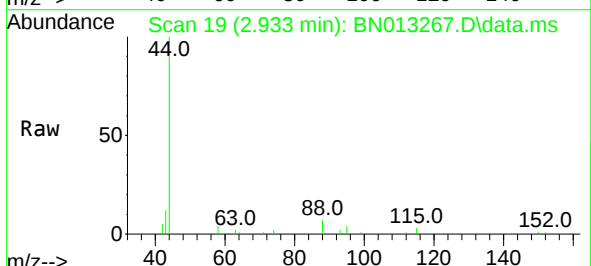
Instrument :
BNA_N
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MW179D-20201214

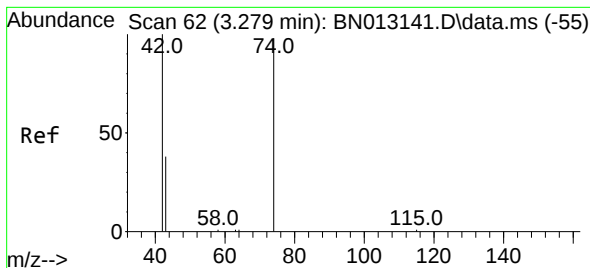
Tgt Ion:152 Resp: 596
Ion Ratio Lower Upper
152 100
150 144.4 116.6 174.8
115 71.4 52.9 79.3



#2
1,4-Dioxane
Concen: 0.14 ng
RT: 2.933 min Scan# 19
Delta R.T. 0.008 min
Lab File: BN013267.D
Acq: 22 Dec 2020 11:35

Tgt Ion: 88 Resp: 150
Ion Ratio Lower Upper
88 100
58 98.7 59.4 89.2#
43 0.0 32.3 48.5#

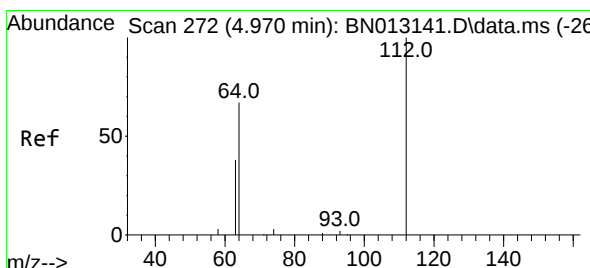
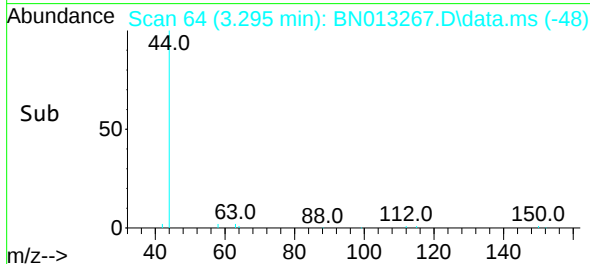
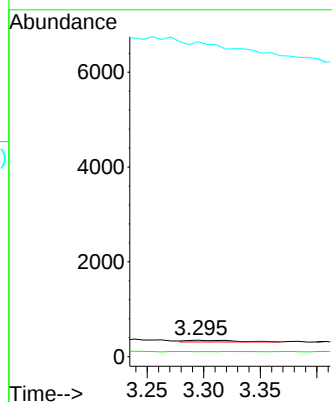
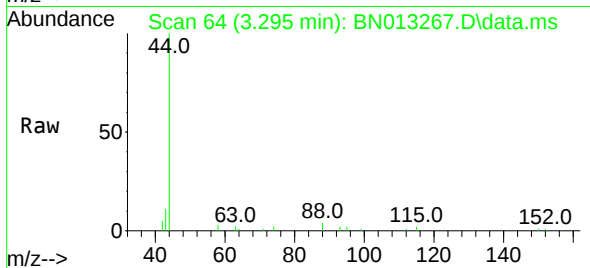




#3
n-Nitrosodimethylamine
Concen: 0.06 ng
RT: 3.295 min Scan# 64
Delta R.T. 0.032 min
Lab File: BN013267.D
Acq: 22 Dec 2020 11:35

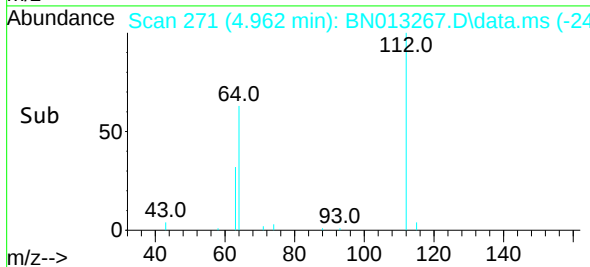
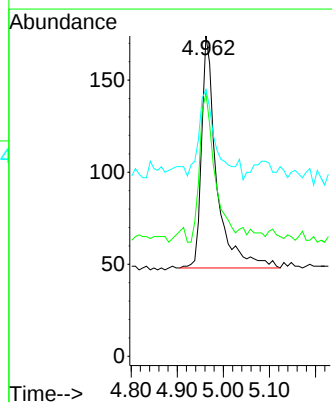
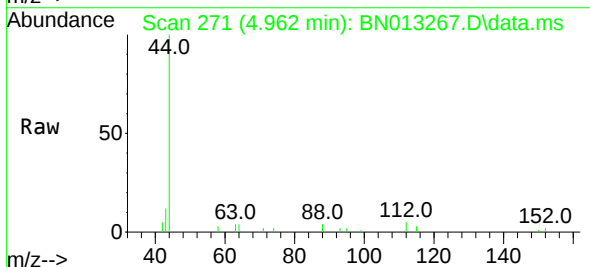
Instrument :
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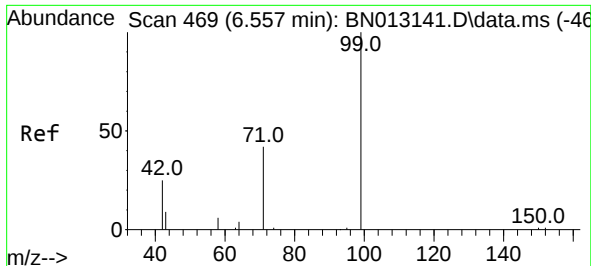
Tgt Ion: 42 Resp: 97
Ion Ratio Lower Upper
42 100
74 12.4 64.4 96.6#
44 0.0 2.8 4.2#



#4
2-Fluorophenol
Concen: 0.12 ng
RT: 4.962 min Scan# 271
Delta R.T. 0.008 min
Lab File: BN013267.D
Acq: 22 Dec 2020 11:35

Tgt Ion: 112 Resp: 287
Ion Ratio Lower Upper
112 100
64 65.5 49.5 74.3
63 44.9 32.0 48.0

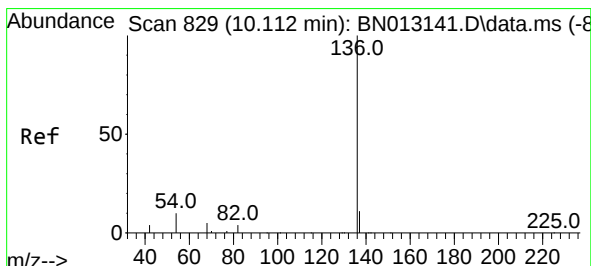
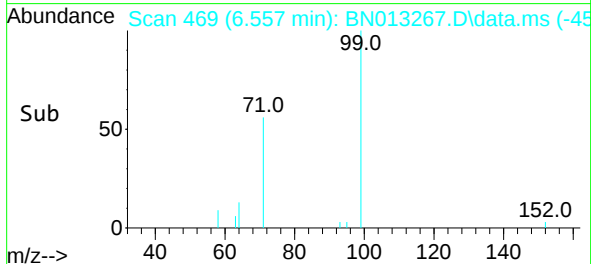
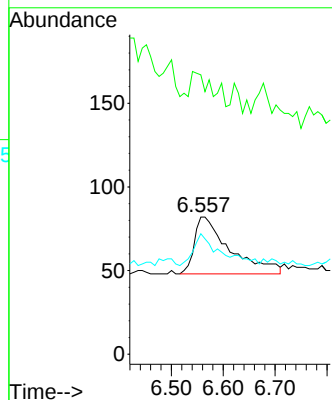
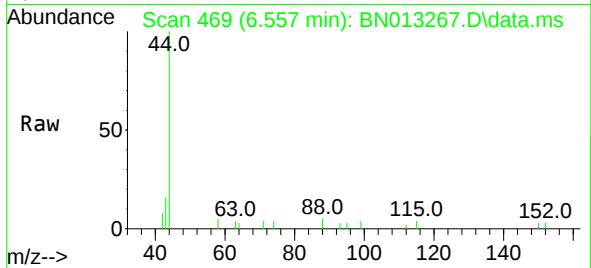




#5
Phenol-d6
Concen: 0.07 ng
RT: 6.557 min Scan# 469
Delta R.T. 0.016 min
Lab File: BN013267.D
Acq: 22 Dec 2020 11:35

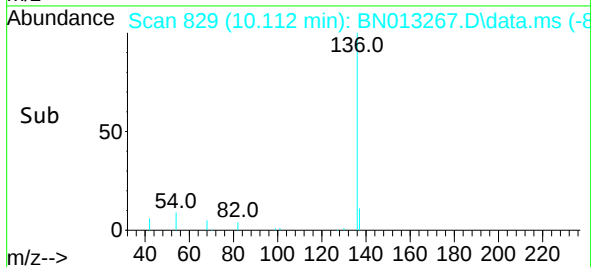
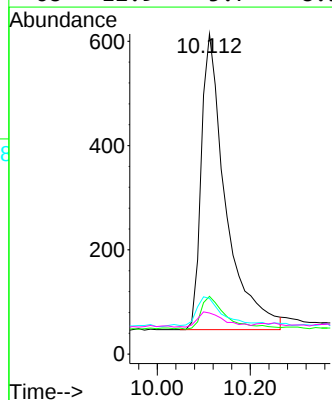
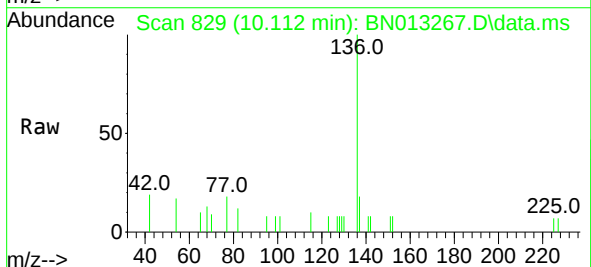
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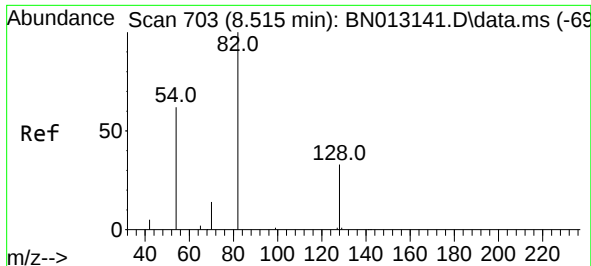
Tgt Ion: 99 Resp: 162
Ion Ratio Lower Upper
99 100
42 34.0 22.4 33.6#
71 34.0 37.8 56.6#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.112 min Scan# 829
Delta R.T. 0.013 min
Lab File: BN013267.D
Acq: 22 Dec 2020 11:35

Tgt Ion: 136 Resp: 2065
Ion Ratio Lower Upper
136 100
137 18.1 10.6 15.8#
54 17.4 8.6 12.8#
68 12.9 5.7 8.5#

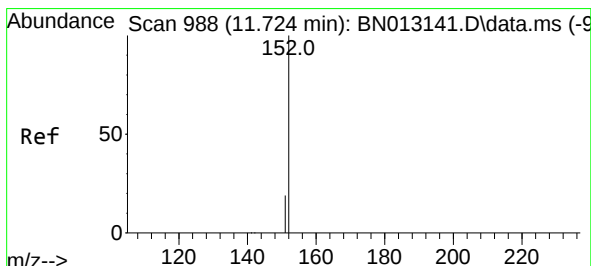
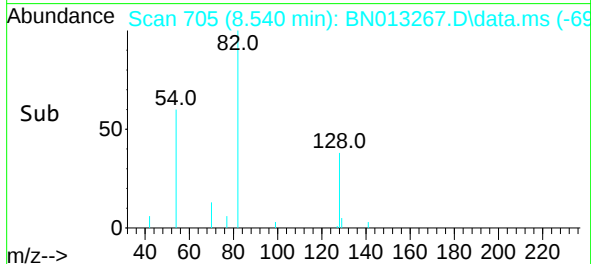
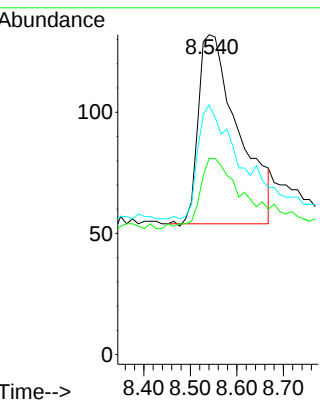
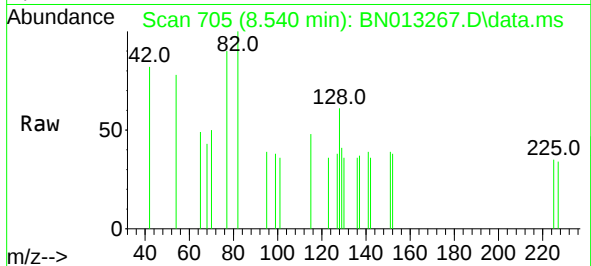




#8
Nitrobenzene-d5
Concen: 0.22 ng
RT: 8.540 min Scan# 705
Delta R.T. 0.038 min
Lab File: BN013267.D
Acq: 22 Dec 2020 11:35

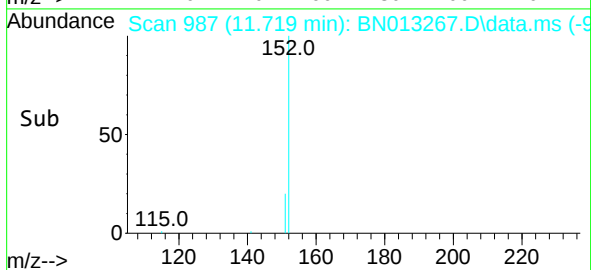
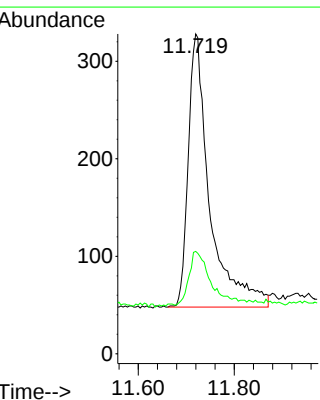
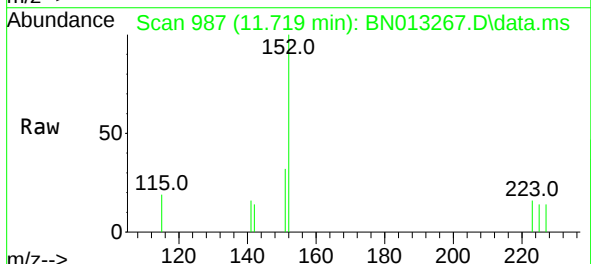
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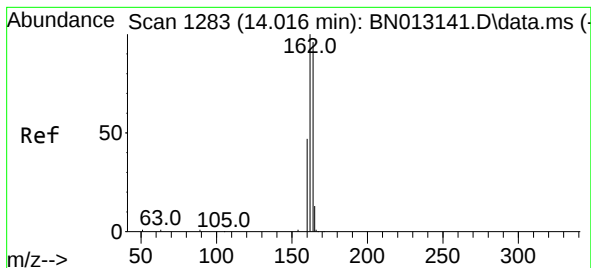
Tgt Ion: 82 Resp: 465
Ion Ratio Lower Upper
82 100
128 61.4 30.6 46.0#
54 78.0 48.3 72.5#



#11
2-Methylnaphthalene-d10
Concen: 0.24 ng
RT: 11.719 min Scan# 987
Delta R.T. 0.013 min
Lab File: BN013267.D
Acq: 22 Dec 2020 11:35

Tgt Ion: 152 Resp: 869
Ion Ratio Lower Upper
152 100
151 20.0 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: BN013267.D

Acq: 22 Dec 2020 11:35

Instrument :

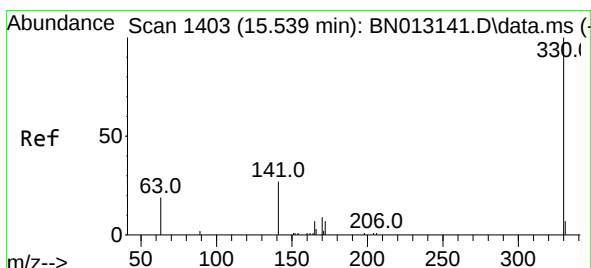
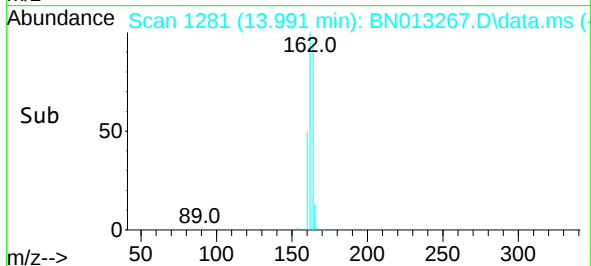
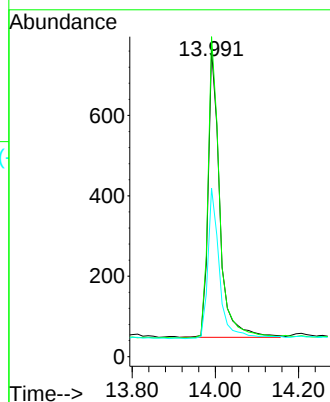
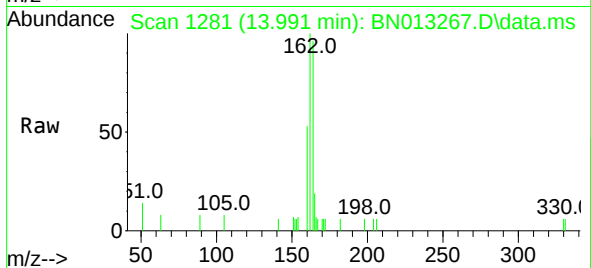
BNA_N

ClientSampleId :

MW179D-20201214

Tgt Ion:164 Resp: 1391

Ion	Ratio	Lower	Upper
164	100		
162	104.2	80.6	120.8
160	54.8	39.5	59.3



#14

2,4,6-Tribromophenol

Concen: 0.28 ng

RT: 15.526 min Scan# 1402

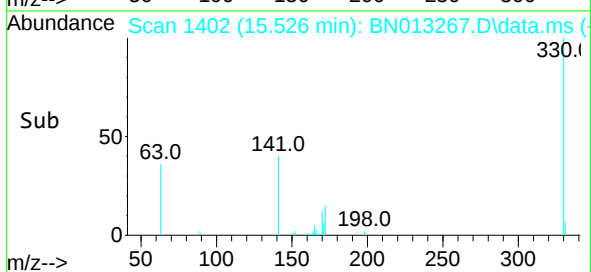
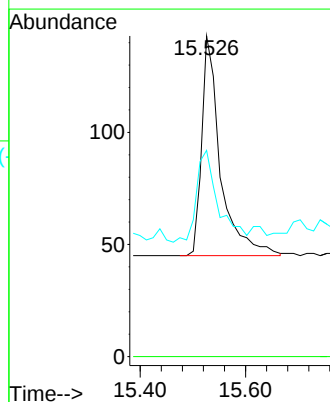
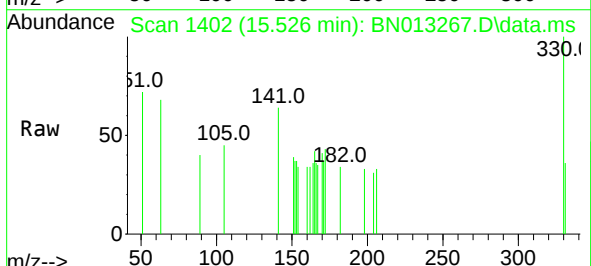
Delta R.T. -0.000 min

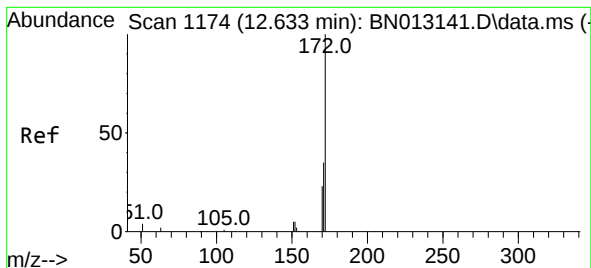
Lab File: BN013267.D

Acq: 22 Dec 2020 11:35

Tgt Ion:330 Resp: 242

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	48.8	34.4	51.6

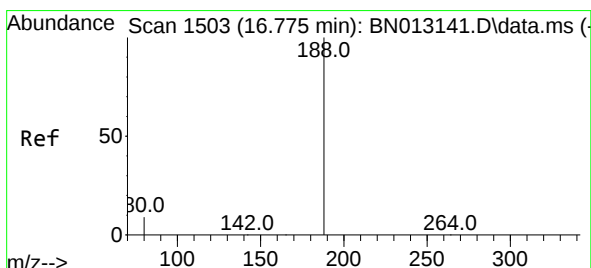
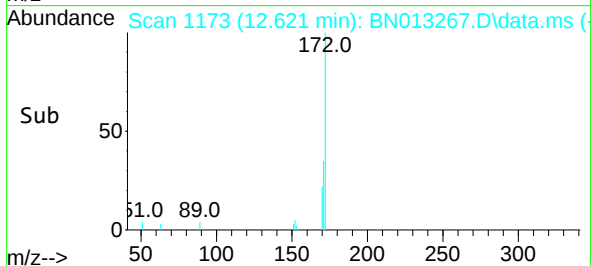
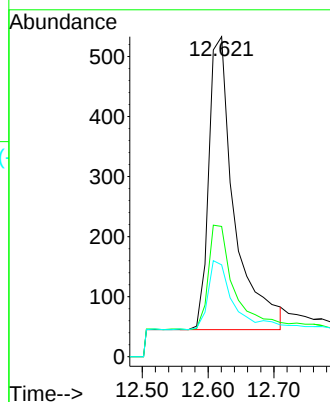
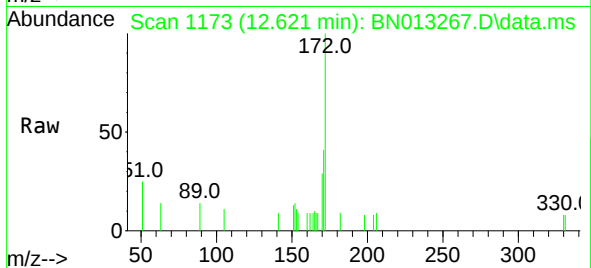




#15
2-Fluorobiphenyl
Concen: 0.23 ng
RT: 12.621 min Scan# 1173
Delta R.T. 0.013 min
Lab File: BN013267.D
Acq: 22 Dec 2020 11:35

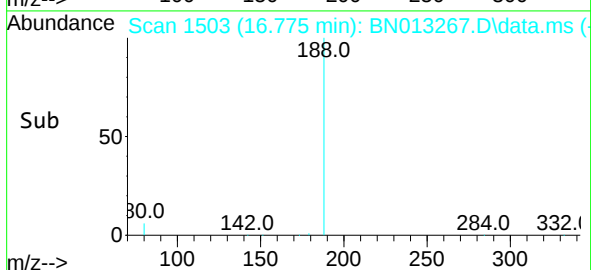
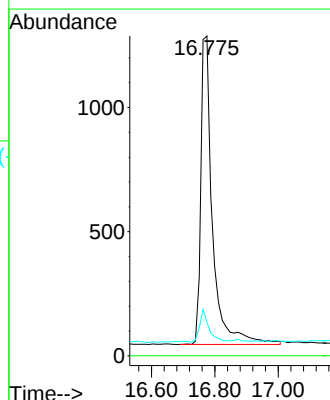
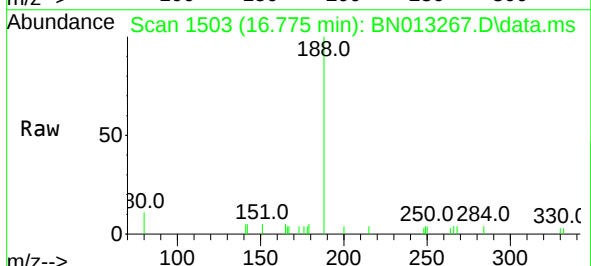
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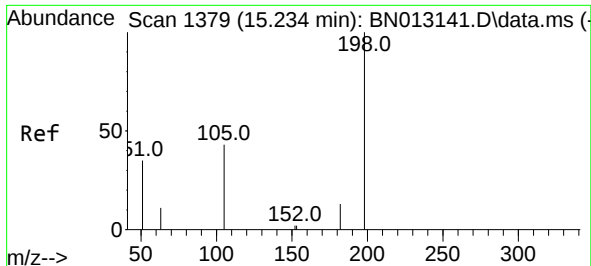
Tgt Ion:172	Resp:	1318
Ion	Ratio	Lower Upper
172	100	
171	40.7	28.2 42.4
170	28.7	20.0 30.0



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.775 min Scan# 1503
Delta R.T. 0.012 min
Lab File: BN013267.D
Acq: 22 Dec 2020 11:35

Tgt Ion:188	Resp:	3200
Ion	Ratio	Lower Upper
188	100	
94	0.0	0.0 0.0
80	10.6	5.0 7.4#

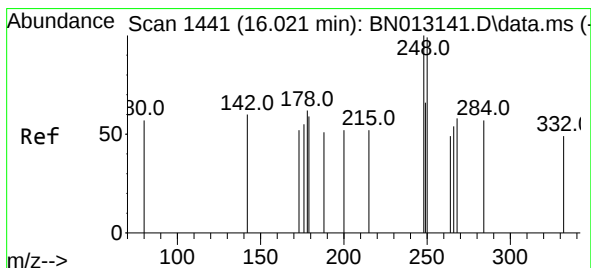
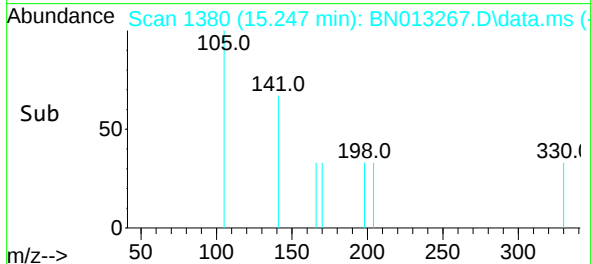
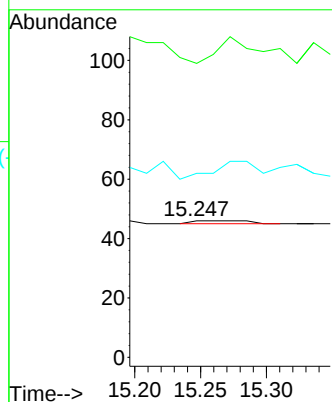
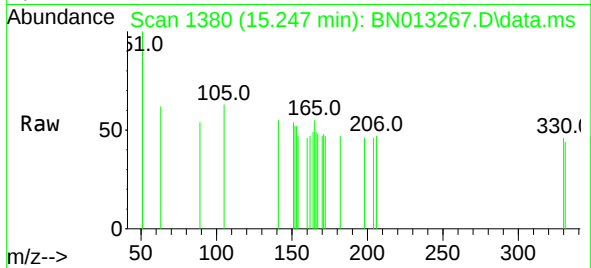




#20
4,6-Dinitro-2-methylphenol
Concen: 0.19 ng
RT: 15.247 min Scan# 1380
Delta R.T. 0.025 min
Lab File: BN013267.D
Acq: 22 Dec 2020 11:35

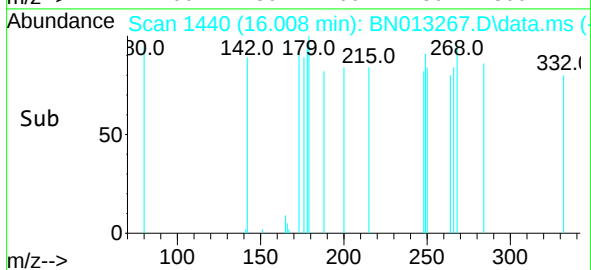
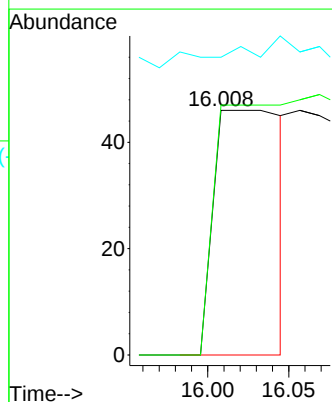
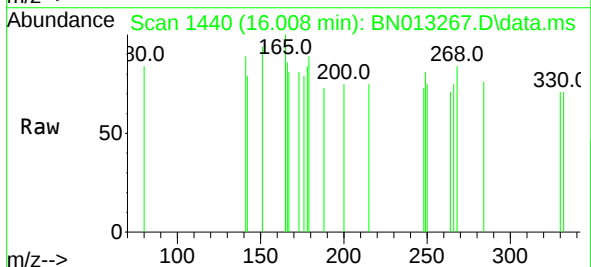
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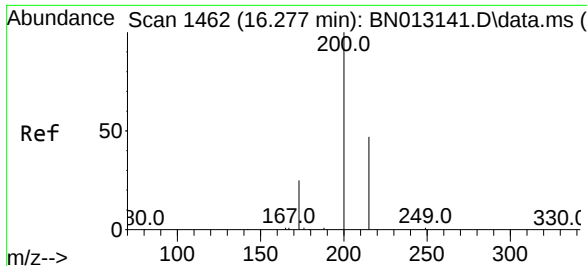
Tgt Ion:198 Resp: 3
Ion Ratio Lower Upper
198 100
51 215.2 43.5 65.3#
105 134.8 27.2 40.8#



#21
4-Bromophenyl-phenylether
Concen: 0.22 ng
RT: 16.008 min Scan# 1440
Delta R.T. -0.013 min
Lab File: BN013267.D
Acq: 22 Dec 2020 11:35

Tgt Ion:248 Resp: 136
Ion Ratio Lower Upper
248 100
250 102.2 77.3 115.9
141 121.7 57.8 86.8#

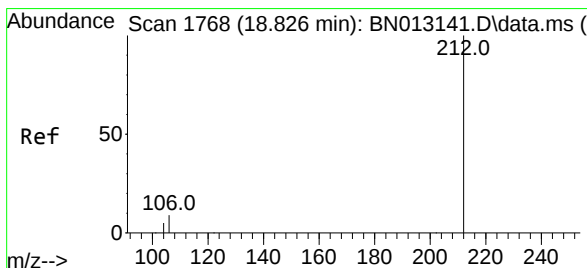
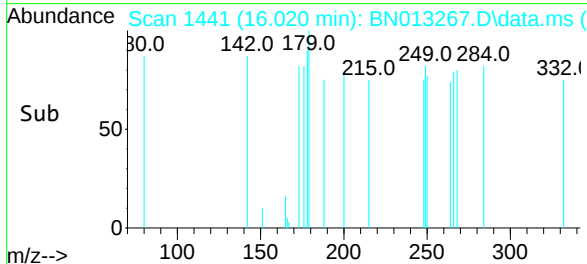
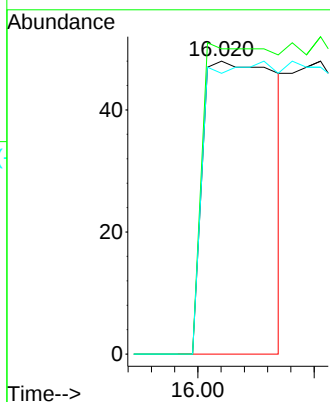
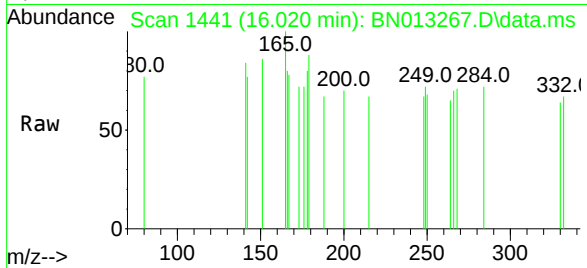




#23
Atrazine
Concen: 0.11 ng
RT: 16.020 min Scan# 1441
Delta R.T. -0.244 min
Lab File: BN013267.D
Acq: 22 Dec 2020 11:35

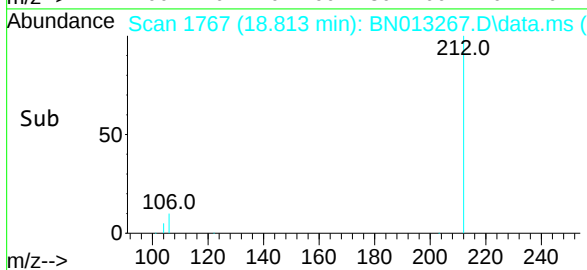
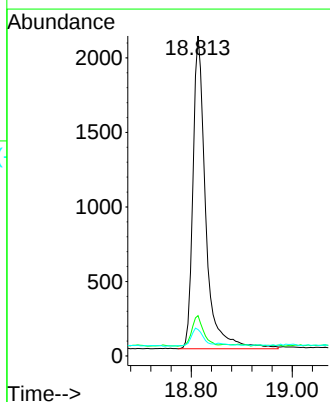
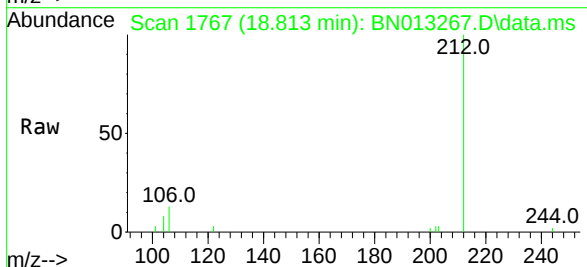
Instrument :
BNA_N
ClientSampleId :
MW179D-20201214

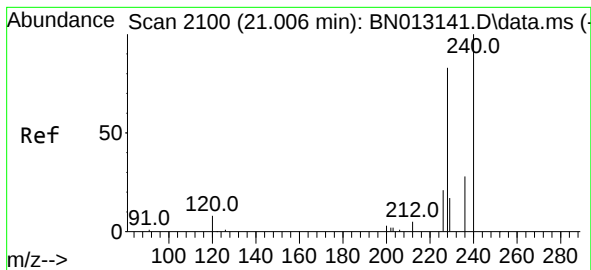
Tgt Ion:200 Resp: 208
Ion Ratio Lower Upper
200 100
173 104.2 22.8 34.2#
215 95.8 38.1 57.1#



#27
Fluoranthene-d10
Concen: 0.35 ng
RT: 18.813 min Scan# 1767
Delta R.T. -0.003 min
Lab File: BN013267.D
Acq: 22 Dec 2020 11:35

Tgt Ion:212 Resp: 3682
Ion Ratio Lower Upper
212 100
106 8.9 6.8 10.2
104 5.4 4.1 6.1





#29

Chrysene-d12

Concen: 0.40 ng

RT: 20.992 min Scan# 2100

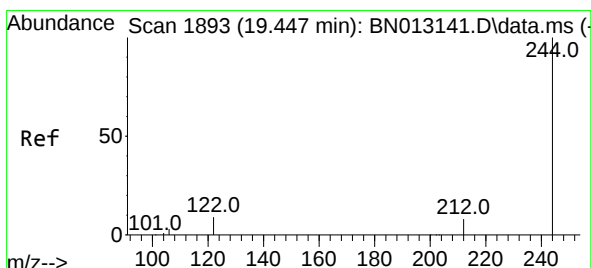
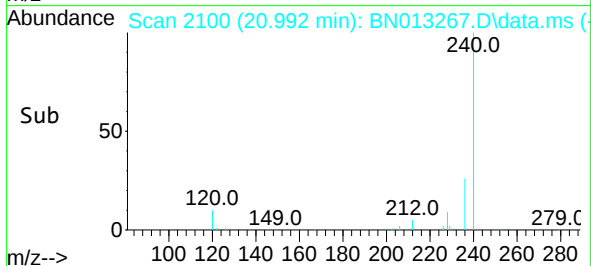
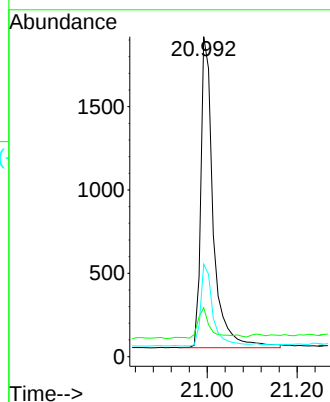
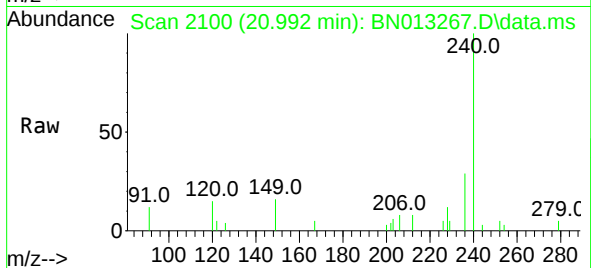
Delta R.T. -0.003 min

Lab File: BN013267.D

Acq: 22 Dec 2020 11:35

Tgt Ion:	240	Resp:	3605
Ion Ratio	Lower	Upper	
240	100		
120	15.3	5.3	7.9#
236	28.9	21.8	32.8

Instrument :
BNA_N
ClientSampleId :
MW179D-20201214



#31

Terphenyl-d14

Concen: 0.37 ng

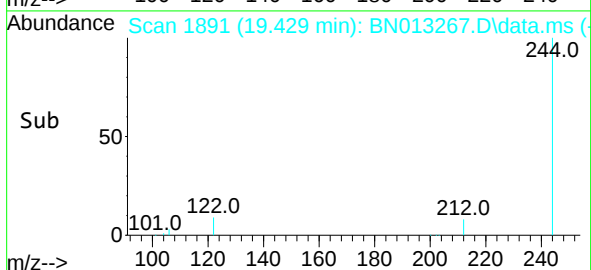
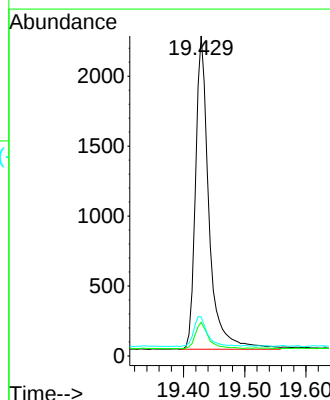
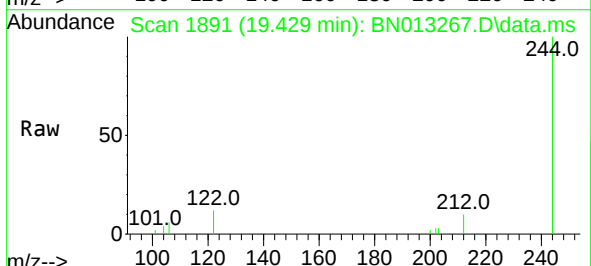
RT: 19.429 min Scan# 1891

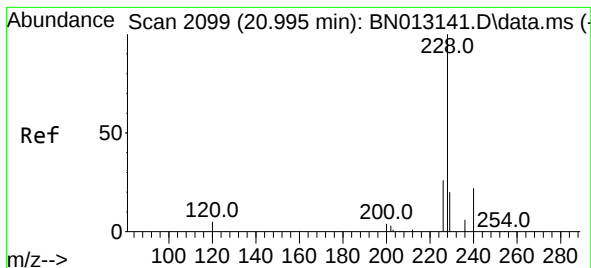
Delta R.T. -0.003 min

Lab File: BN013267.D

Acq: 22 Dec 2020 11:35

Tgt Ion:	244	Resp:	3417
Ion Ratio	Lower	Upper	
244	100		
212	10.5	7.3	10.9
122	12.2	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: BN013267.D

Acq: 22 Dec 2020 11:35

Tgt Ion:228 Resp: 389

Ion Ratio Lower Upper

228 100

226 42.4 22.3 33.5#

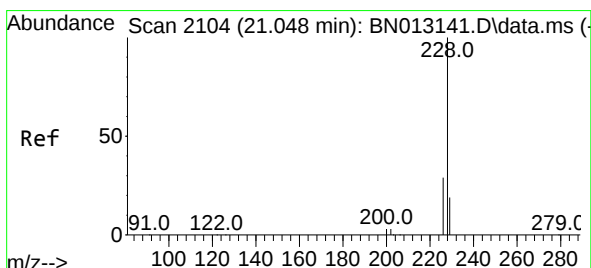
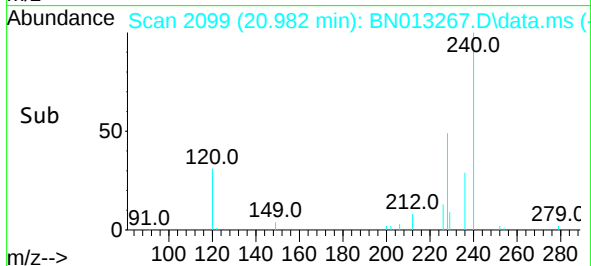
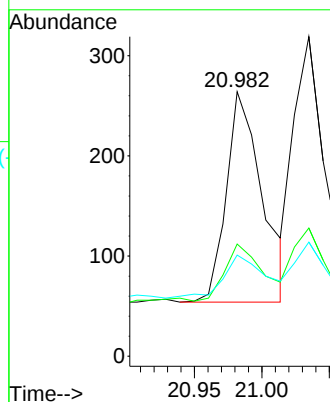
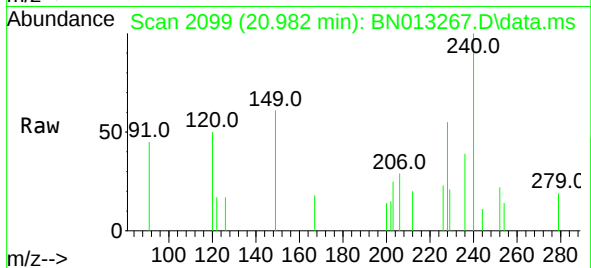
229 38.3 15.7 23.5#

Instrument :

BNA_N

ClientSampleId :

MW179D-20201214



#33

Chrysene

Concen: 0.03 ng

RT: 21.035 min Scan# 2104

Delta R.T. -0.003 min

Lab File: BN013267.D

Acq: 22 Dec 2020 11:35

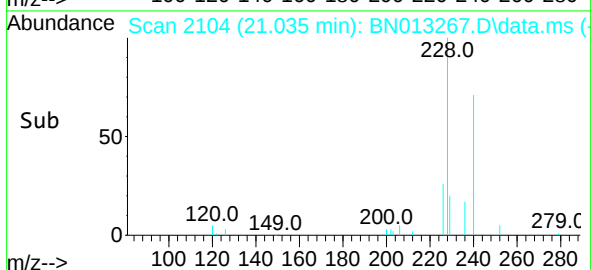
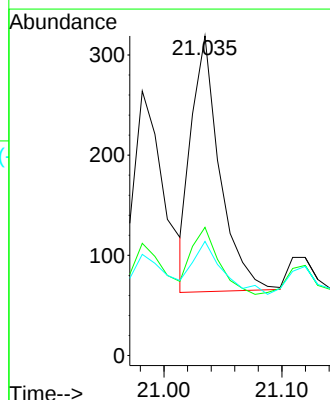
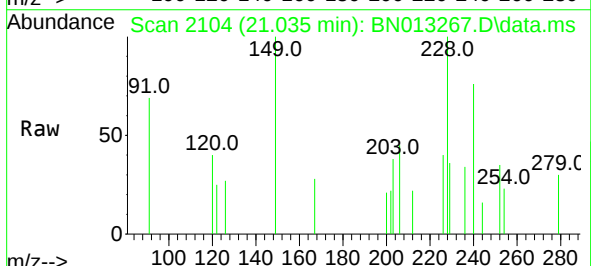
Tgt Ion:228 Resp: 425

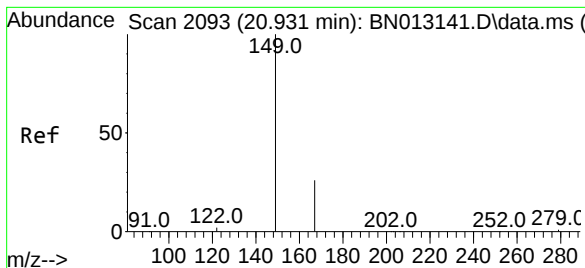
Ion Ratio Lower Upper

228 100

226 40.1 24.2 36.2#

229 35.7 15.7 23.5#

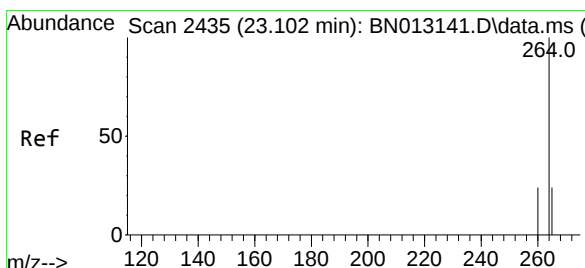
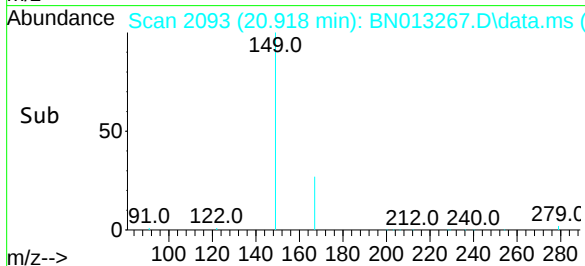
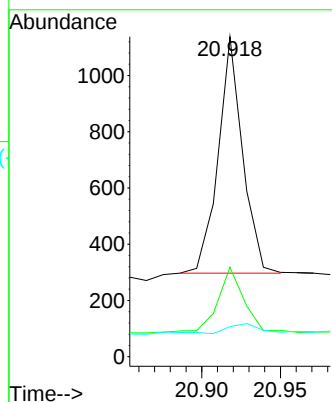
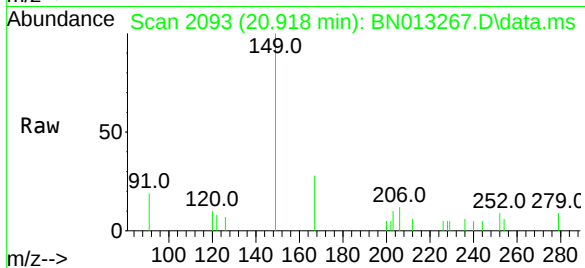




#34
 Bis(2-ethylhexyl)phthalate
 Concen: Below Cal
 RT: 20.918 min Scan# 2093
 Delta R.T. -0.003 min
 Lab File: BN013267.D
 Acq: 22 Dec 2020 11:35

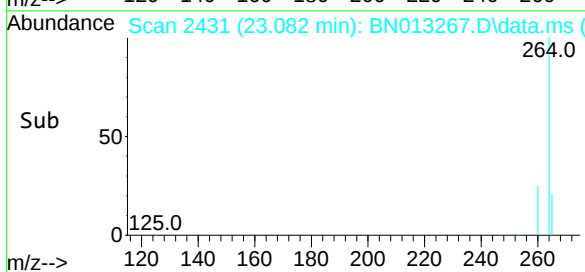
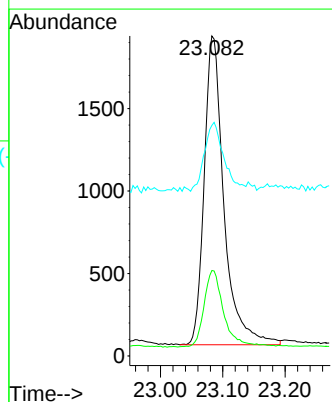
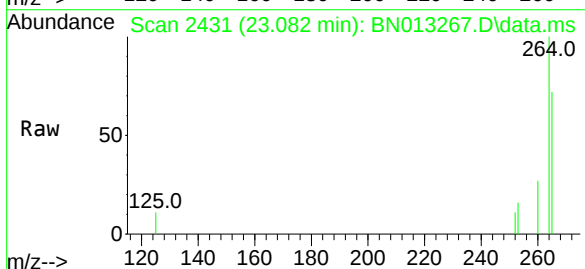
Instrument :
 BNA_N
 ClientSampleId :
 MW179D-20201214

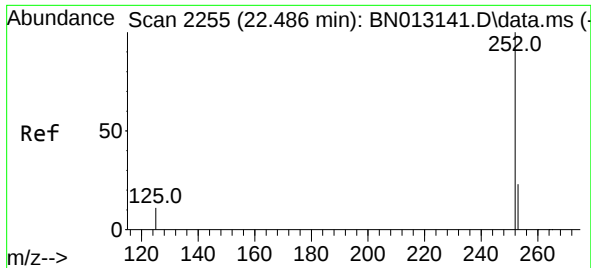
Tgt Ion:149 Resp: 905
 Ion Ratio Lower Upper
 149 100
 167 26.6 23.2 34.8
 279 4.1 3.9 5.9



#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.082 min Scan# 2431
 Delta R.T. -0.003 min
 Lab File: BN013267.D
 Acq: 22 Dec 2020 11:35

Tgt Ion:264 Resp: 4123
 Ion Ratio Lower Upper
 264 100
 260 26.7 19.8 29.6
 265 72.1 51.4 77.0

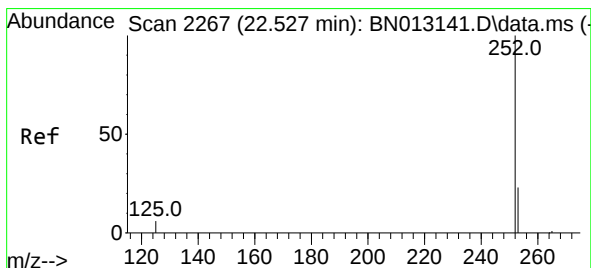
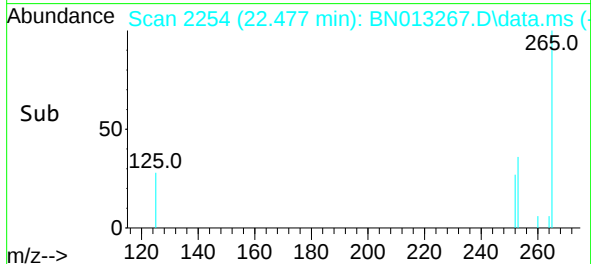
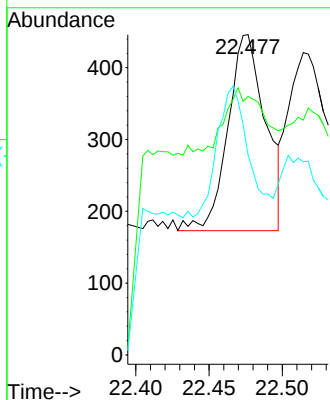
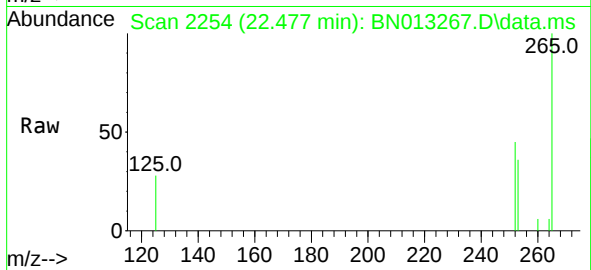




#37
Benzo(b)fluoranthene
Concen: 0.03 ng
RT: 22.477 min Scan# 2254
Delta R.T. 0.004 min
Lab File: BN013267.D
Acq: 22 Dec 2020 11:35

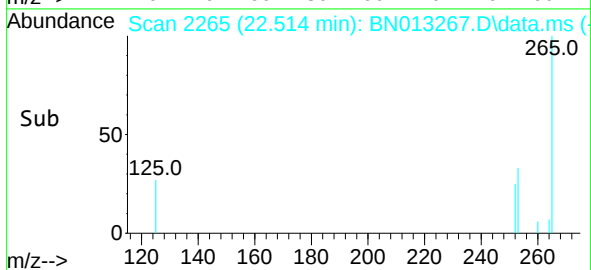
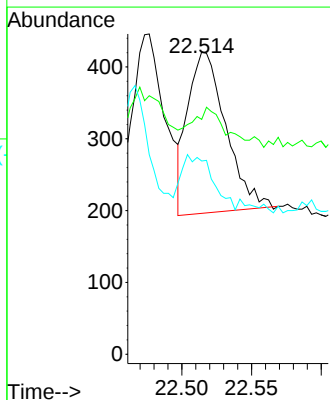
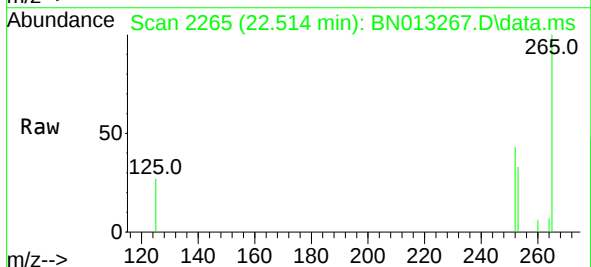
Instrument :
BNA_N
ClientSampleId :
MW179D-20201214

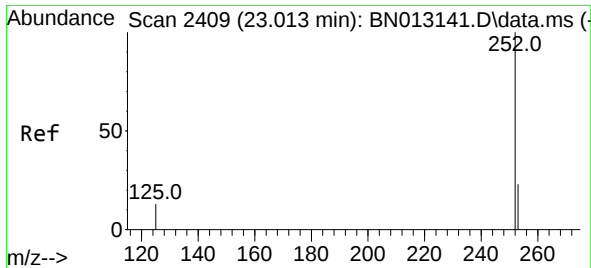
Tgt Ion:252 Resp: 487
Ion Ratio Lower Upper
252 100
253 80.7 20.1 30.1#
125 62.3 7.2 10.8#



#38
Benzo(k)fluoranthene
Concen: 0.03 ng
RT: 22.514 min Scan# 2265
Delta R.T. 0.001 min
Lab File: BN013267.D
Acq: 22 Dec 2020 11:35

Tgt Ion:252 Resp: 425
Ion Ratio Lower Upper
252 100
253 77.7 19.8 29.8#
125 63.9 7.1 10.7#





#39

Benzo(a)pyrene

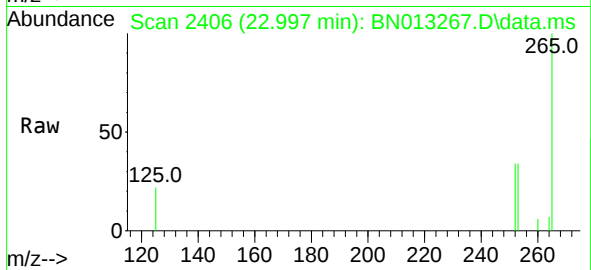
Concen: 0.03 ng

RT: 22.997 min Scan# 2406

Delta R.T. -0.003 min

Lab File: BN013267.D

Acq: 22 Dec 2020 11:35



Tgt Ion:	252	Resp:	399
Ion Ratio	Lower	Upper	
252	100		
253	99.4	21.3	31.9#
125	63.9	8.3	12.5#

