

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122921\
 Data File : BN018287.D
 Acq On : 30 Dec 2021 08:01
 Operator : CG/JU
 Sample : M5212-03
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 30 16:04:49 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 29 16:08:47 2021
 Response via : Initial Calibration

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

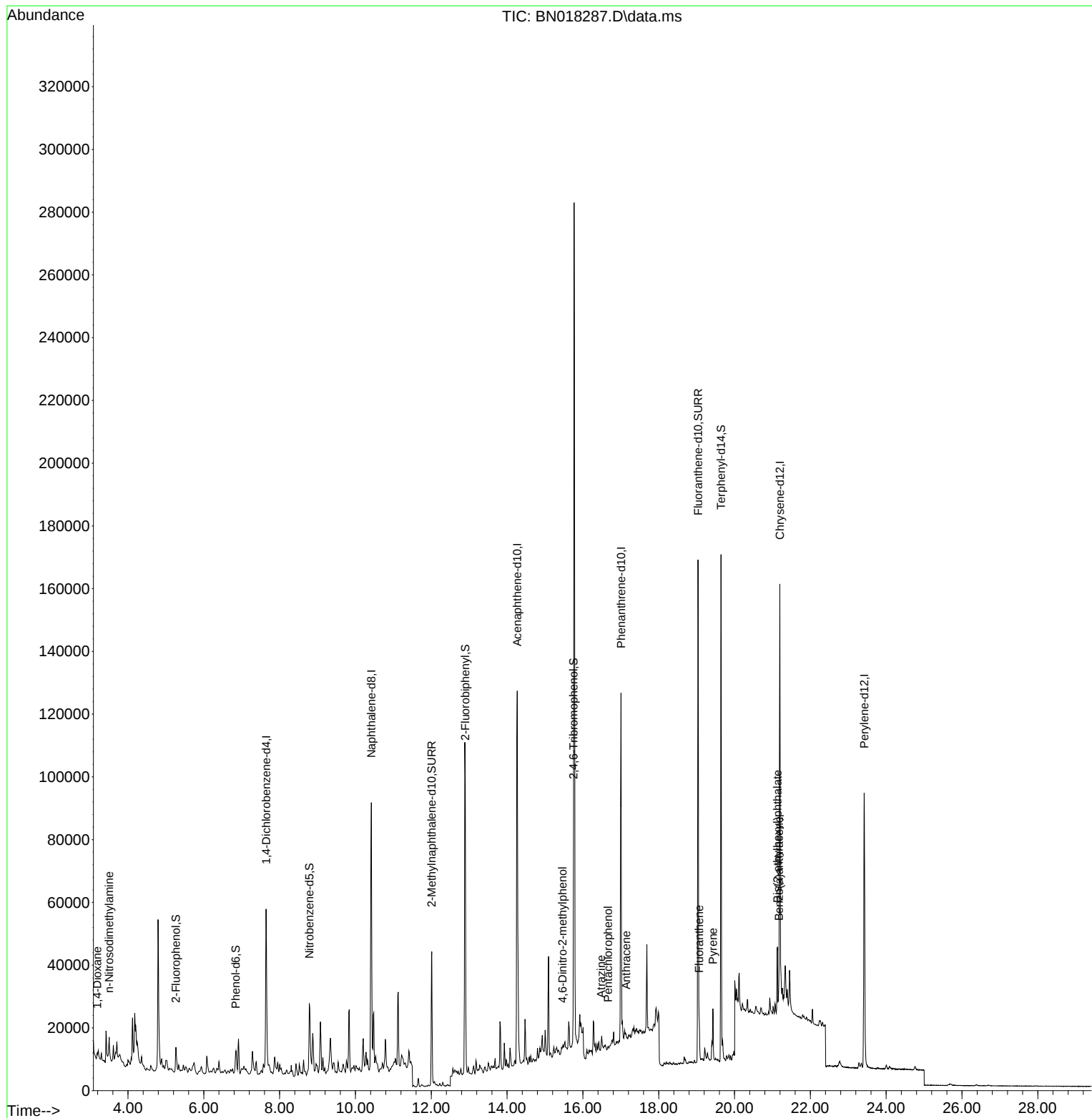
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	31285	0.400	ng	0.00
7) Naphthalene-d8	10.419	136	121675	0.400	ng	0.00
13) Acenaphthene-d10	14.268	164	78278	0.400	ng	0.00
19) Phenanthrene-d10	17.005	188	156654	0.400	ng	0.00
29) Chrysene-d12	21.195	240	133168	0.400	ng	0.00
35) Perylene-d12	23.419	264	116464	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.263	112	9334	0.149	ng	0.02
5) Phenol-d6	6.840	99	4711	0.078	ng	0.00
8) Nitrobenzene-d5	8.784	82	24860	0.412	ng	0.00
11) 2-Methylnaphthalene-d10	12.011	152	61769	0.302	ng	0.00
14) 2,4,6-Tribromophenol	15.753	330	16882	0.708	ng	-0.01
15) 2-Fluorobiphenyl	12.898	172	102778	0.347	ng	0.00
27) Fluoranthene-d10	19.038	212	187293	0.376	ng	0.00
31) Terphenyl-d14	19.643	244	166378	0.492	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.188	88	715	0.040	ng	# 39
3) n-Nitrosodimethylamine	3.502	42	930	0.036	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.461	198	260	0.284	ng	# 1
23) Atrazine	16.482	200	683	0.144	ng	# 1
24) Pentachlorophenol	16.664	266	508	0.212	ng	# 75
26) Anthracene	17.139	178	2680	0.050	ng	# 49
28) Fluoranthene	19.067	202	10661	0.022	ng	95
30) Pyrene	19.430	202	15115	0.029	ng	# 94
32) Benzo(a)anthracene	21.174	228	1774	0.060	ng	# 13
34) Bis(2-ethylhexyl)phtha...	21.131	149	25278	0.152	ng	94

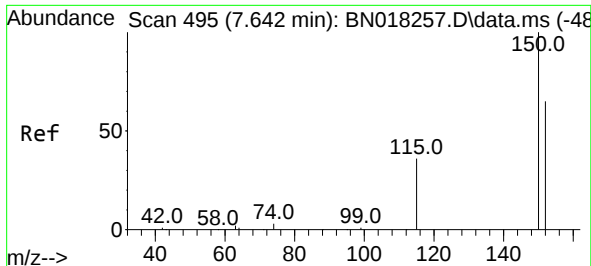
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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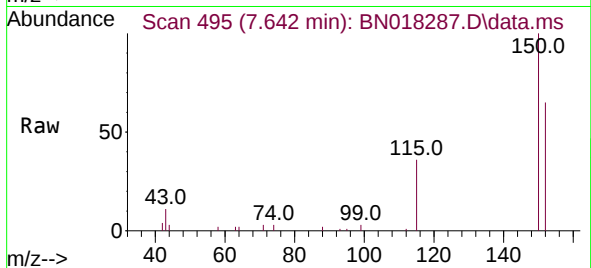
Quant Time: Dec 30 16:04:49 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN122921.M
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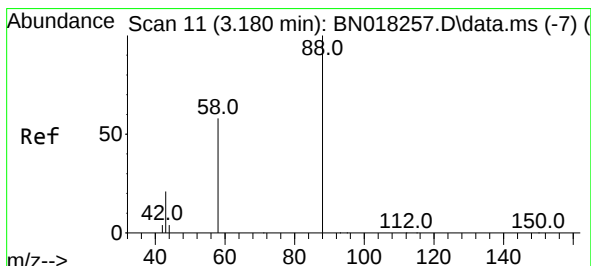
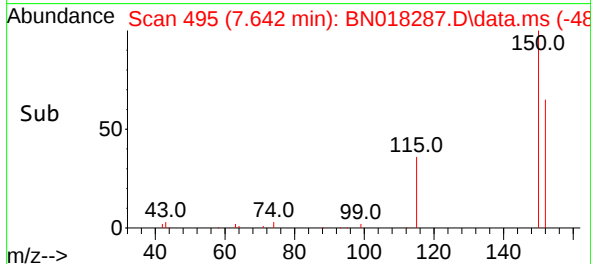
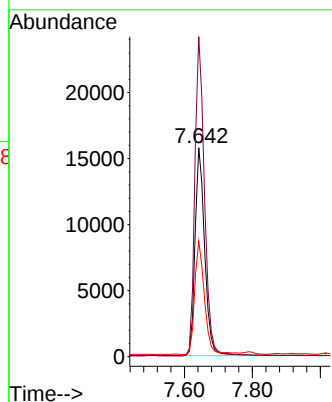


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.642 min Scan# 495
 Delta R.T. 0.000 min
 Lab File: BN018287.D
 Acq: 30 Dec 2021 08:01

Instrument :
 BNA_F
 ClientSampleId :

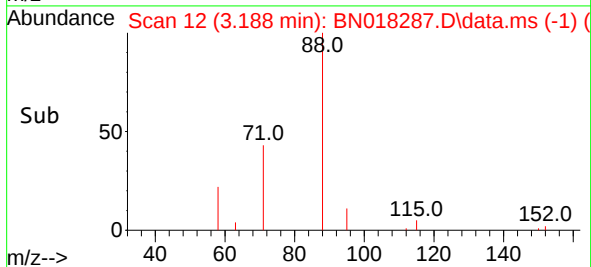
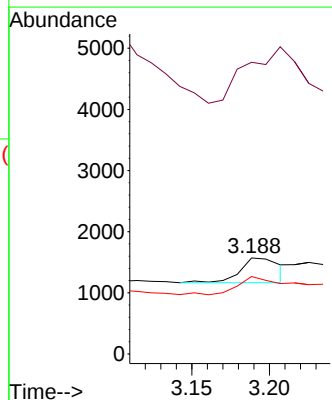
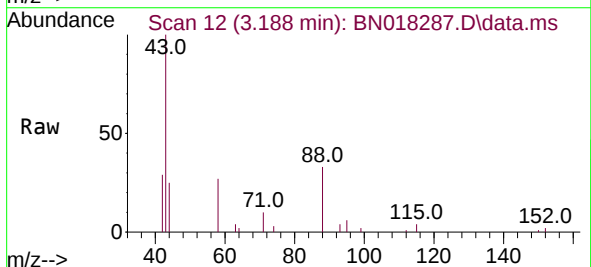


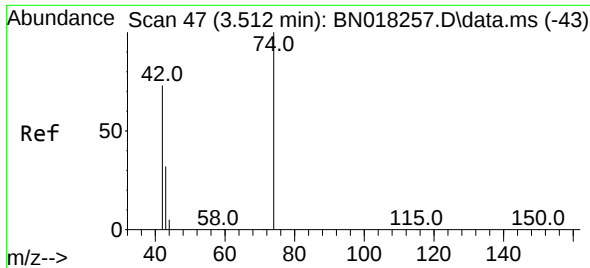
Tgt Ion:152 Resp: 31285
 Ion Ratio Lower Upper
 152 100
 150 153.1 121.7 182.5
 115 55.3 43.8 65.8



#2
 1,4-Dioxane
 Concen: 0.040 ng
 RT: 3.188 min Scan# 12
 Delta R.T. 0.009 min
 Lab File: BN018287.D
 Acq: 30 Dec 2021 08:01

Tgt Ion: 88 Resp: 715
 Ion Ratio Lower Upper
 88 100
 43 0.0 69.7 104.5#
 58 69.8 83.8 125.8#

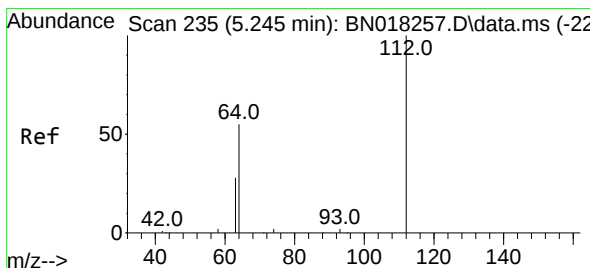
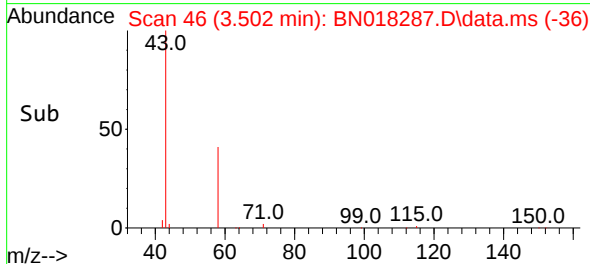
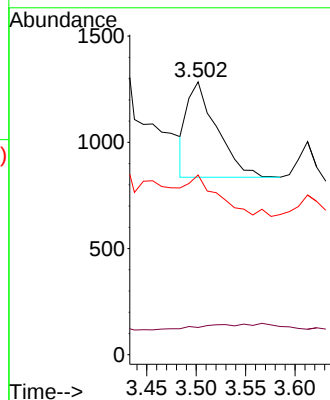
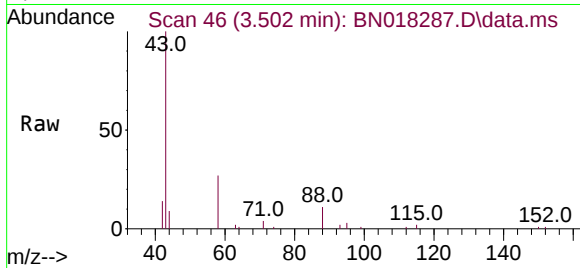




#3
n-Nitrosodimethylamine
Concen: 0.036 ng
RT: 3.502 min Scan# 41
Delta R.T. -0.010 min
Lab File: BN018287.D
Acq: 30 Dec 2021 08:01

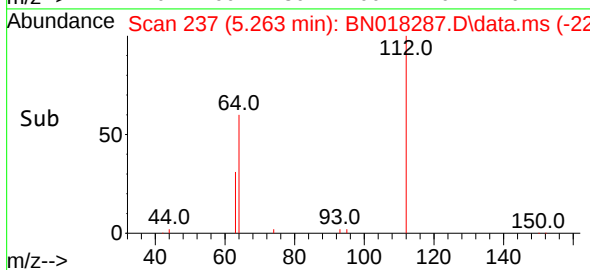
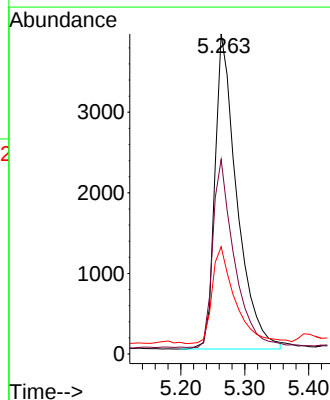
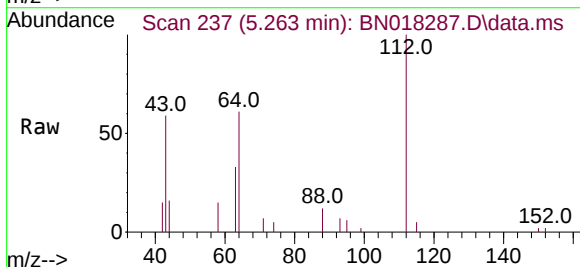
Instrument :
BNA_F
ClientSampleId :

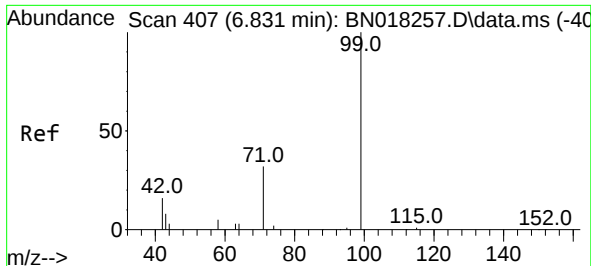
Tgt Ion: 42 Resp: 930
Ion Ratio Lower Upper
42 100
74 0.0 108.6 163.0#
44 46.1 5.8 8.8#



#4
2-Fluorophenol
Concen: 0.149 ng
RT: 5.263 min Scan# 237
Delta R.T. 0.018 min
Lab File: BN018287.D
Acq: 30 Dec 2021 08:01

Tgt Ion: 112 Resp: 9334
Ion Ratio Lower Upper
112 100
64 58.2 48.0 72.0
63 31.8 25.3 37.9

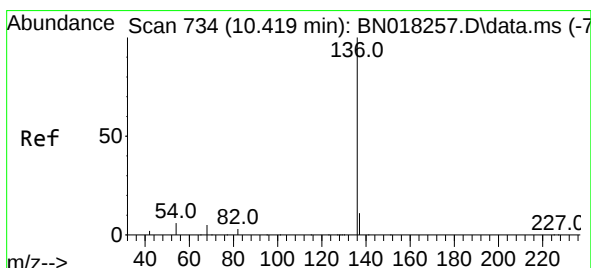
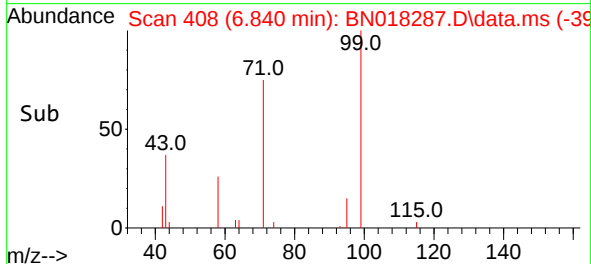
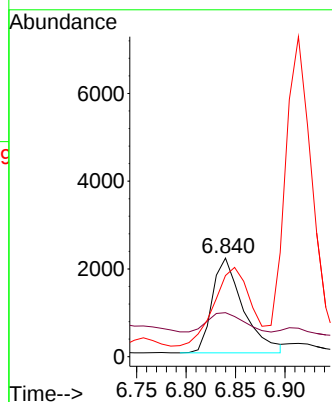
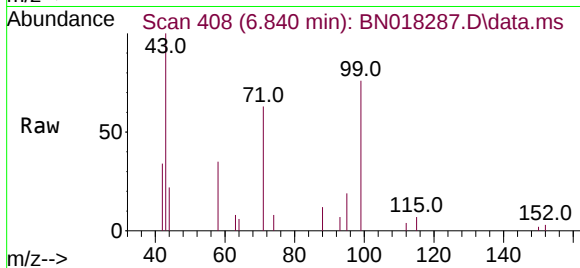




#5
Phenol-d6
Concen: 0.078 ng
RT: 6.840 min Scan# 407
Delta R.T. 0.009 min
Lab File: BN018287.D
Acq: 30 Dec 2021 08:01

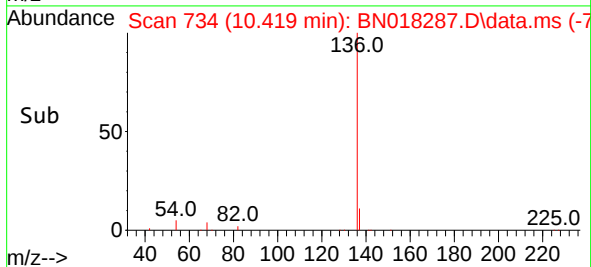
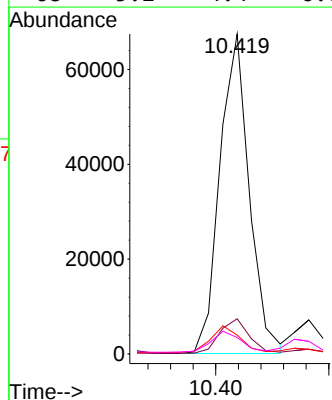
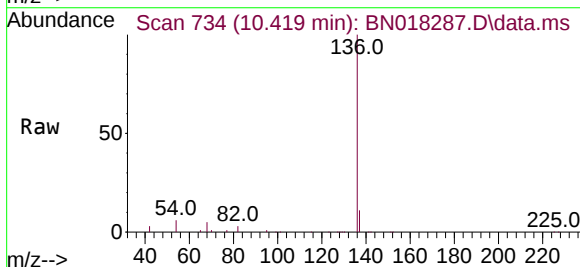
Instrument :
BNA_F
ClientSampleId :

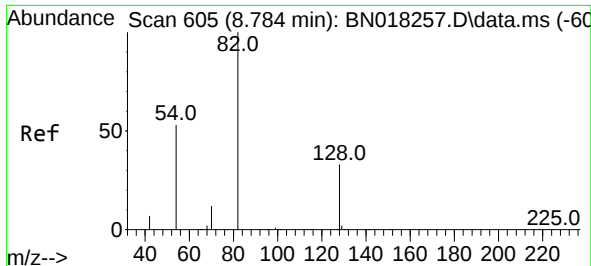
Tgt Ion: 99 Resp: 4711
Ion Ratio Lower Upper
99 100
42 22.8 16.3 24.5
71 97.0 26.8 40.2#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.419 min Scan# 734
Delta R.T. -0.000 min
Lab File: BN018287.D
Acq: 30 Dec 2021 08:01

Tgt Ion: 136 Resp: 121675
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 5.9 5.0 7.6
68 5.2 4.4 6.6

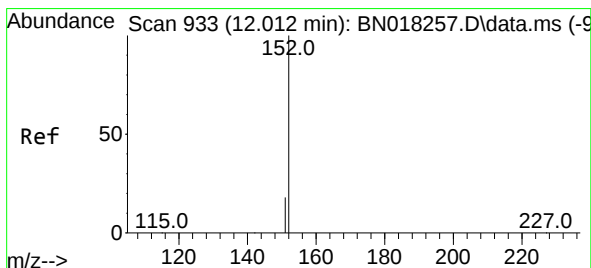
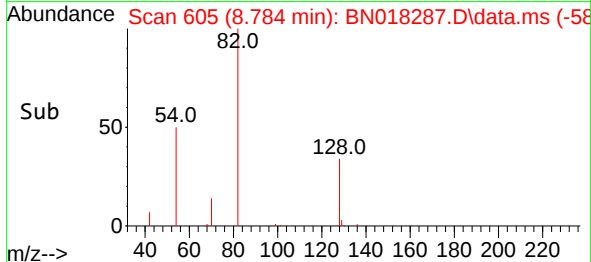
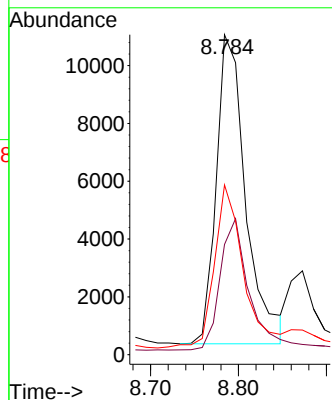
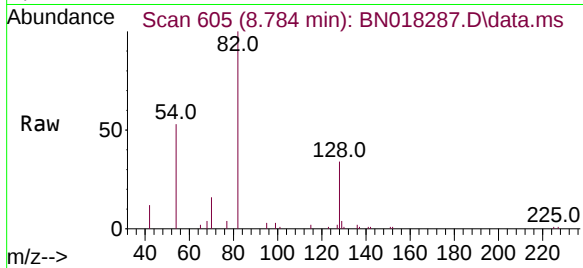




#8
Nitrobenzene-d5
Concen: 0.412 ng
RT: 8.784 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN018287.D
Acq: 30 Dec 2021 08:01

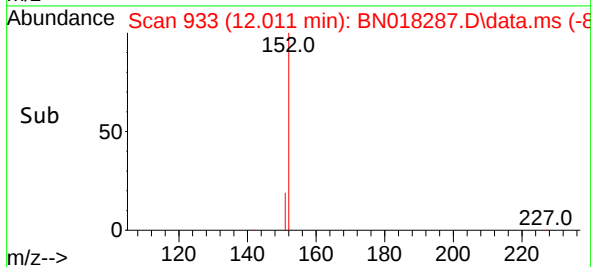
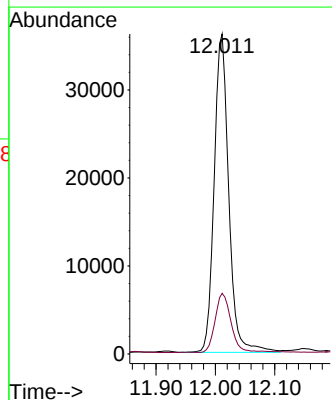
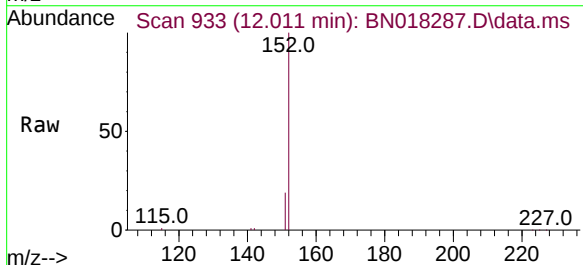
Instrument :
BNA_F
ClientSampleId :

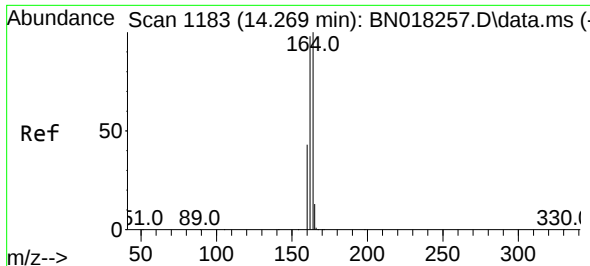
Tgt Ion: 82 Resp: 24860
Ion Ratio Lower Upper
82 100
128 34.5 33.7 50.5
54 53.0 36.6 55.0



#11
2-Methylnaphthalene-d10
Concen: 0.302 ng
RT: 12.011 min Scan# 933
Delta R.T. -0.000 min
Lab File: BN018287.D
Acq: 30 Dec 2021 08:01

Tgt Ion: 152 Resp: 61769
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.2

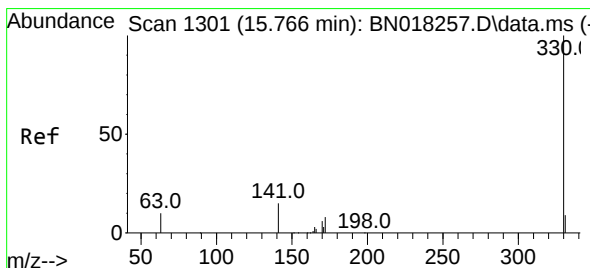
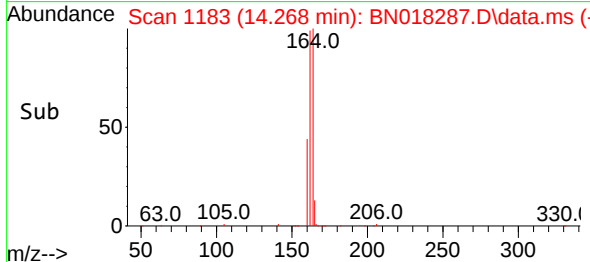
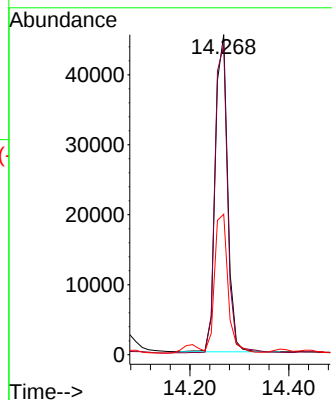
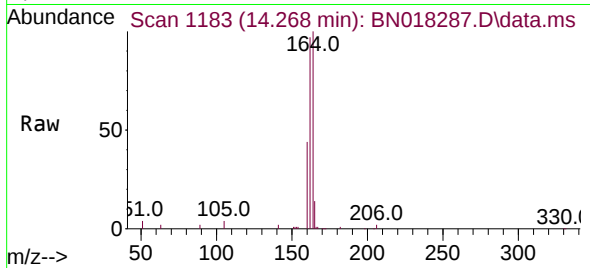




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.268 min Scan# 1183
Delta R.T. -0.001 min
Lab File: BN018287.D
Acq: 30 Dec 2021 08:01

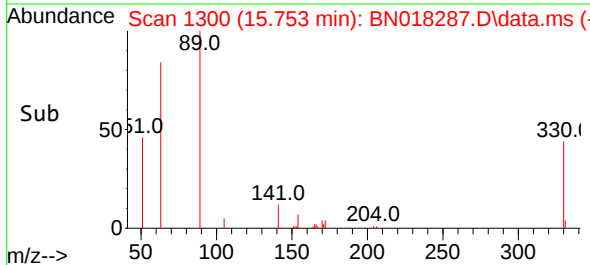
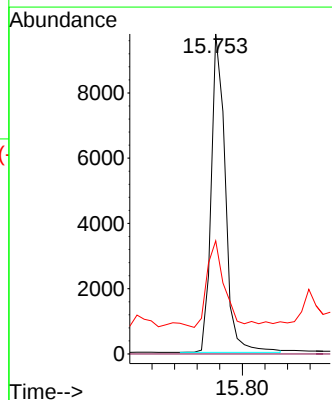
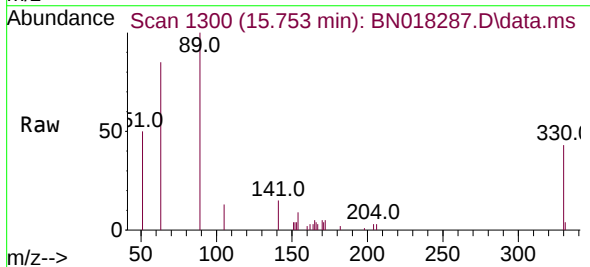
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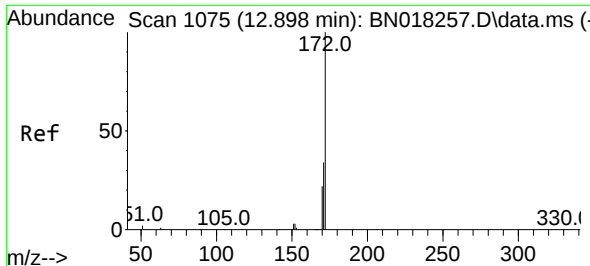
Tgt Ion:164 Resp: 78278
Ion Ratio Lower Upper
164 100
162 96.9 80.2 120.2
160 43.9 36.9 55.3



#14
2,4,6-Tribromophenol
Concen: 0.708 ng
RT: 15.753 min Scan# 1300
Delta R.T. -0.013 min
Lab File: BN018287.D
Acq: 30 Dec 2021 08:01

Tgt Ion:330 Resp: 16882
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 33.2 21.3 31.9#

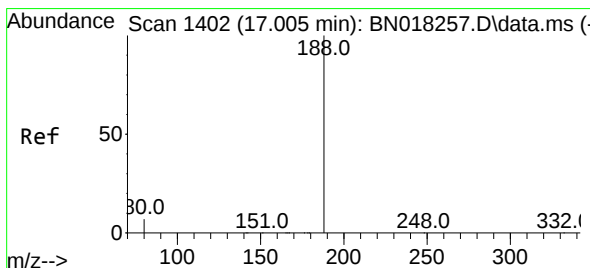
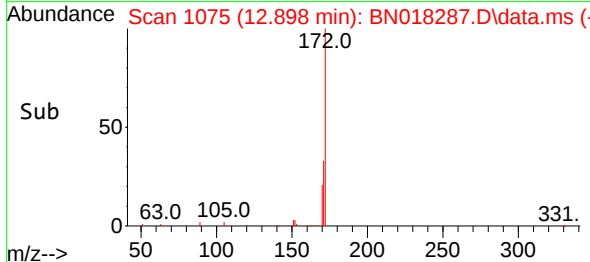
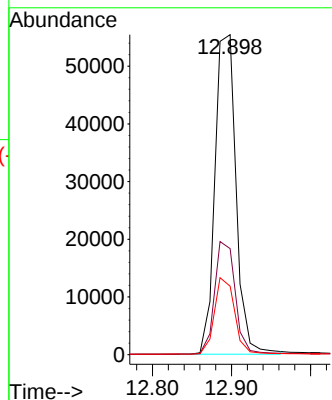
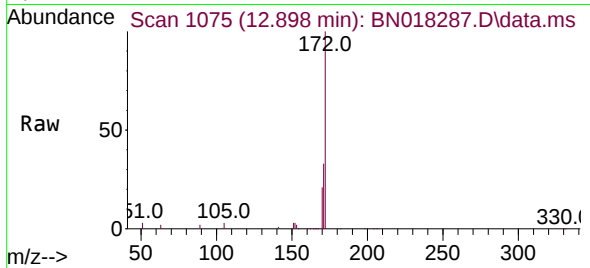




#15
2-Fluorobiphenyl
Concen: 0.347 ng
RT: 12.898 min Scan# 1075
Delta R.T. -0.000 min
Lab File: BN018287.D
Acq: 30 Dec 2021 08:01

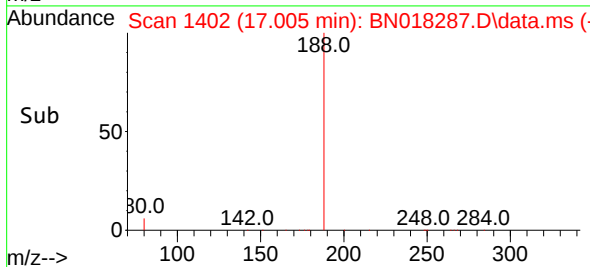
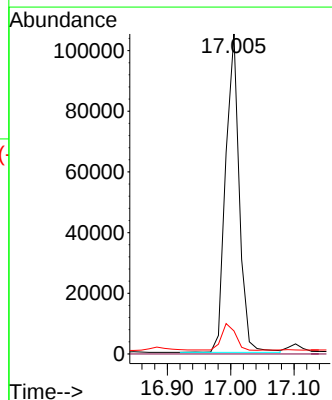
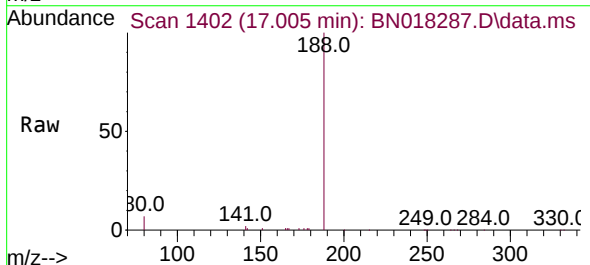
Instrument :
BNA_F
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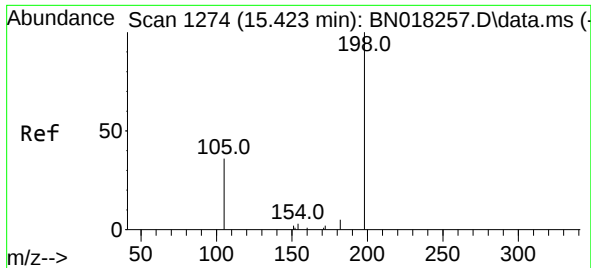
Tgt Ion:172 Resp: 102778
Ion Ratio Lower Upper
172 100
171 33.1 27.4 41.0
170 21.4 18.4 27.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.005 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BN018287.D
Acq: 30 Dec 2021 08:01

Tgt Ion:188 Resp: 156654
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.2 7.0 10.4

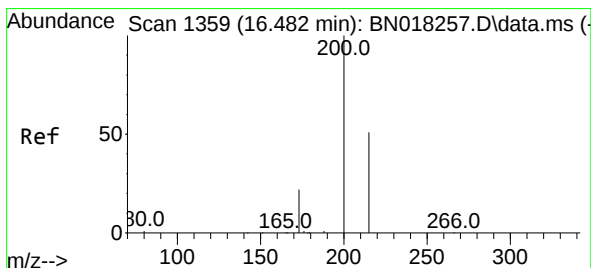
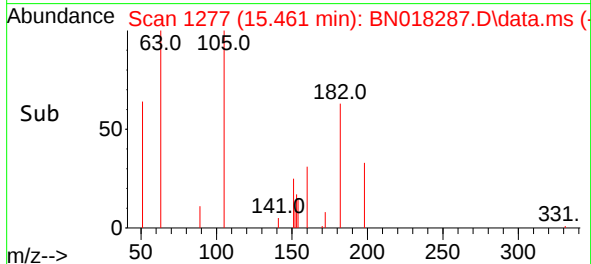
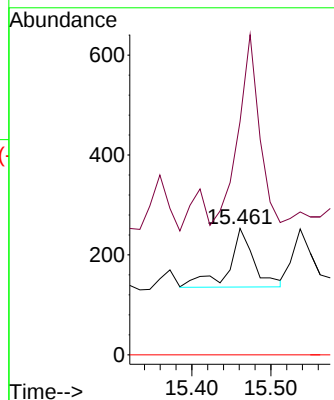
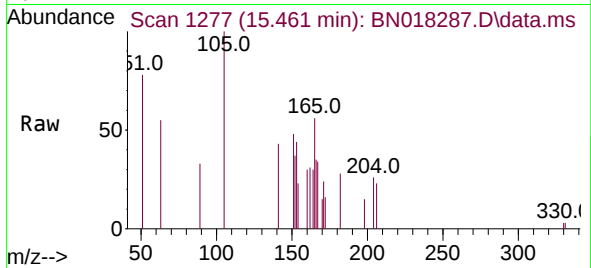




#20
4,6-Dinitro-2-methylphenol
Concen: 0.284 ng
RT: 15.461 min Scan# 1277
Delta R.T. 0.038 min
Lab File: BN018287.D
Acq: 30 Dec 2021 08:01

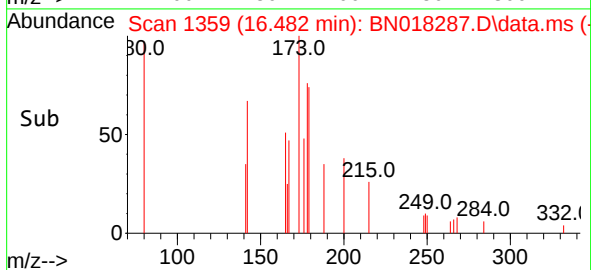
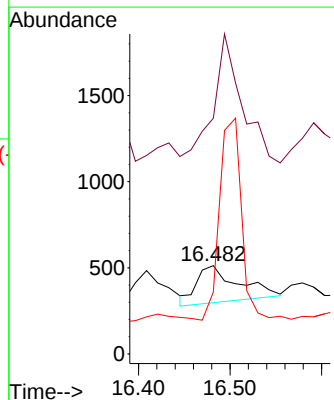
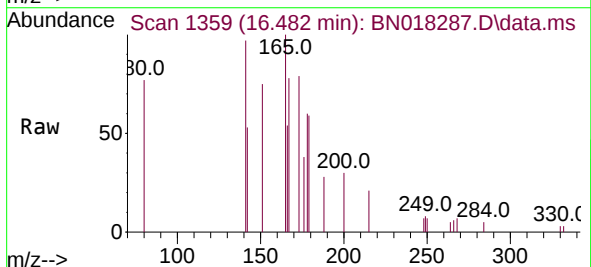
Instrument :
BNA_F
ClientSampleId :

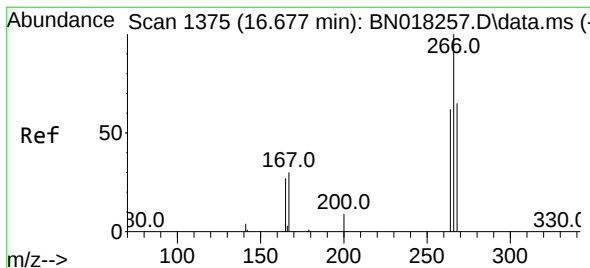
Tgt Ion:198 Resp: 260
Ion Ratio Lower Upper
198 100
182 184.6 15.5 23.3#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.144 ng
RT: 16.482 min Scan# 1359
Delta R.T. -0.000 min
Lab File: BN018287.D
Acq: 30 Dec 2021 08:01

Tgt Ion:200 Resp: 683
Ion Ratio Lower Upper
200 100
173 266.7 20.3 30.5#
215 70.0 40.4 60.6#





#24

Pentachlorophenol

Concen: 0.212 ng

RT: 16.664 min Scan# 1374

Delta R.T. -0.013 min

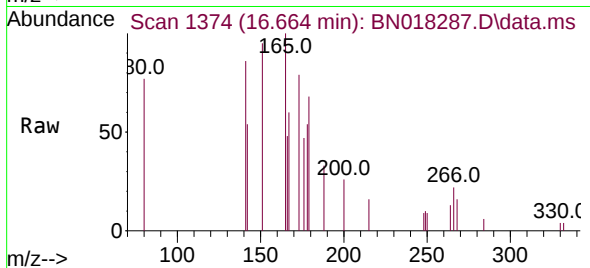
Lab File: BN018287.D

Acq: 30 Dec 2021 08:01

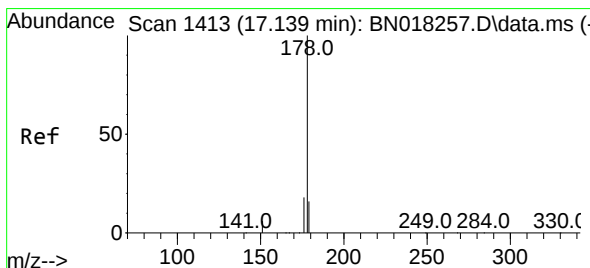
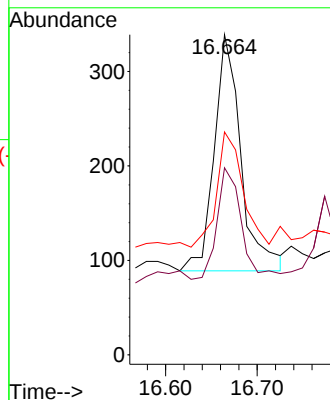
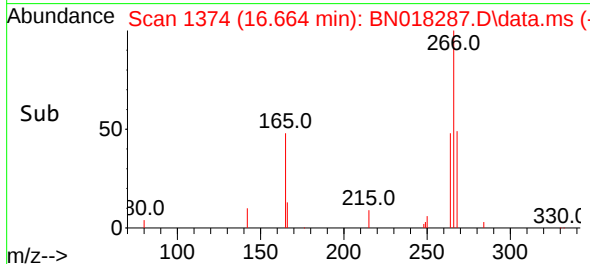
Instrument :

BNA_F

ClientSampleId :



Tgt Ion:	266	Resp:	508
Ion Ratio	Lower	Upper	
266	100		
264	43.1	49.5	74.3#
268	44.1	50.6	76.0#



#26

Anthracene

Concen: 0.050 ng

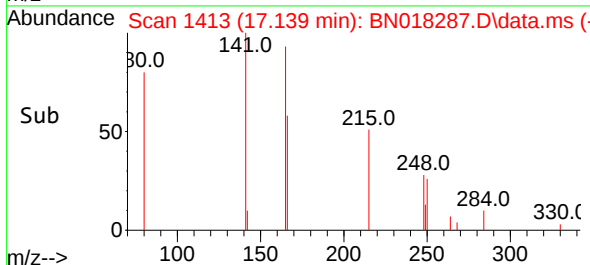
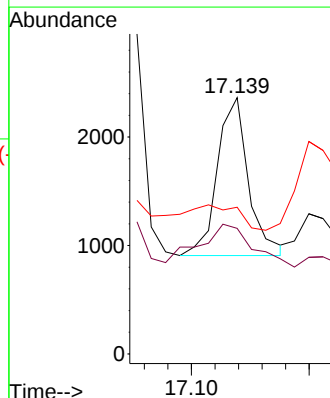
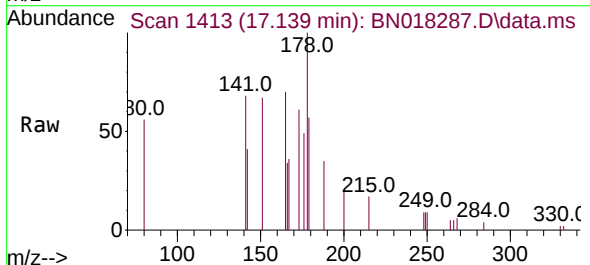
RT: 17.139 min Scan# 1413

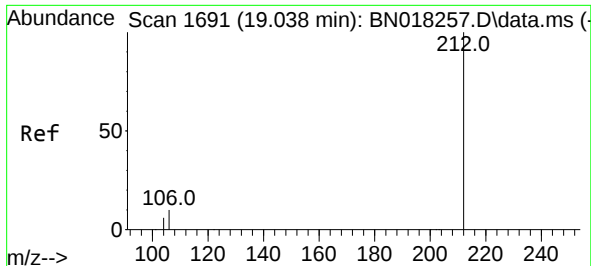
Delta R.T. -0.000 min

Lab File: BN018287.D

Acq: 30 Dec 2021 08:01

Tgt Ion:	178	Resp:	2680
Ion Ratio	Lower	Upper	
178	100		
176	46.9	14.8	22.2#
179	0.0	12.2	18.4#





#27

Fluoranthene-d10

Concen: 0.376 ng

RT: 19.038 min Scan# 1691

Delta R.T. -0.000 min

Lab File: BN018287.D

Acq: 30 Dec 2021 08:01

Instrument :

BNA_F

ClientSampleId :

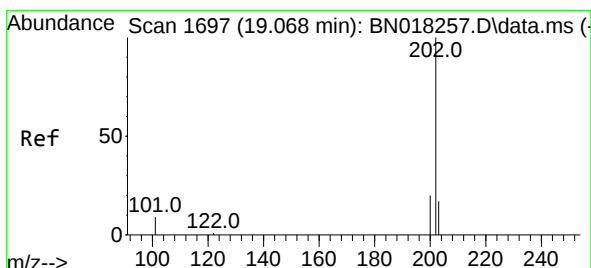
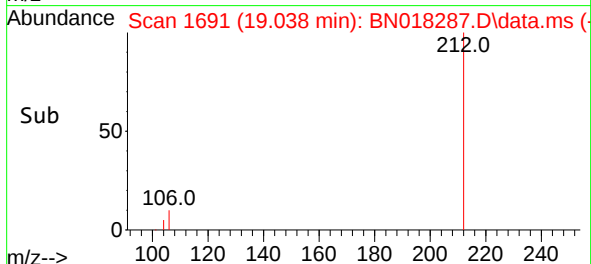
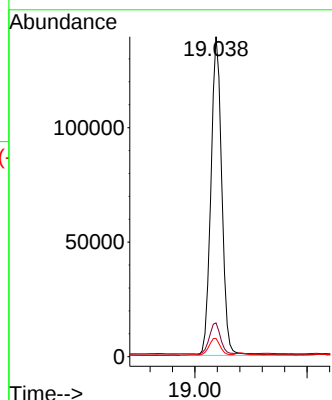
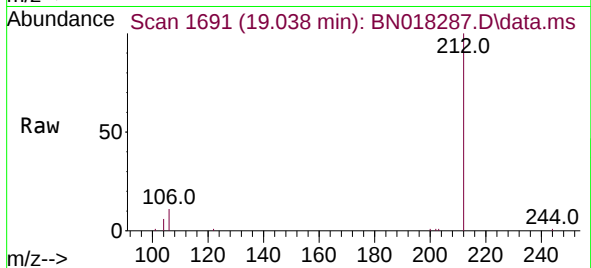
Tgt Ion:212 Resp: 187293

Ion Ratio Lower Upper

212 100

106 9.9 8.4 12.6

104 5.2 4.5 6.7



#28

Fluoranthene

Concen: 0.022 ng

RT: 19.067 min Scan# 1697

Delta R.T. -0.000 min

Lab File: BN018287.D

Acq: 30 Dec 2021 08:01

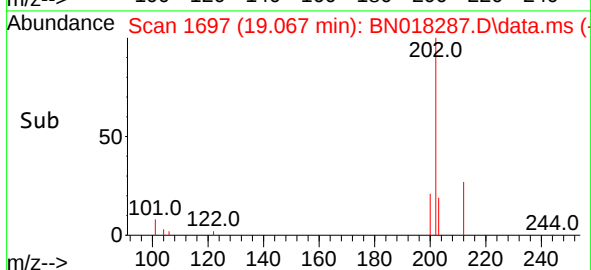
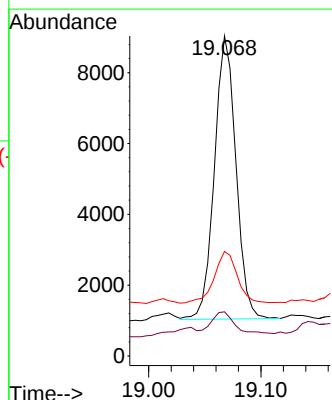
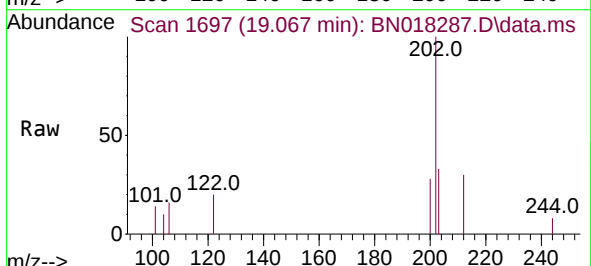
Tgt Ion:202 Resp: 10661

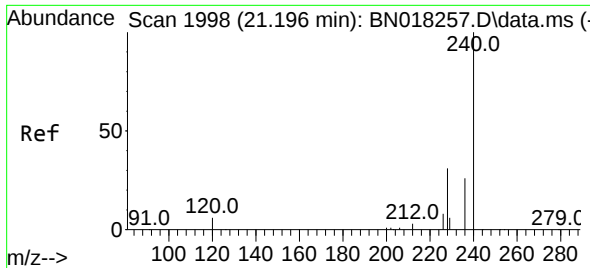
Ion Ratio Lower Upper

202 100

101 8.2 7.2 10.8

203 19.6 13.7 20.5

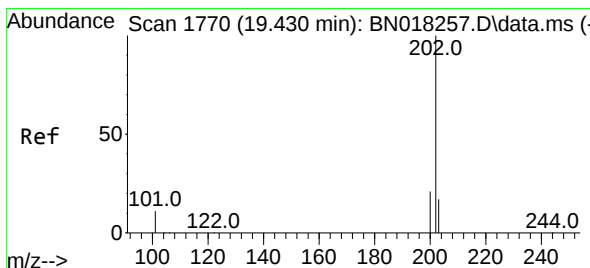
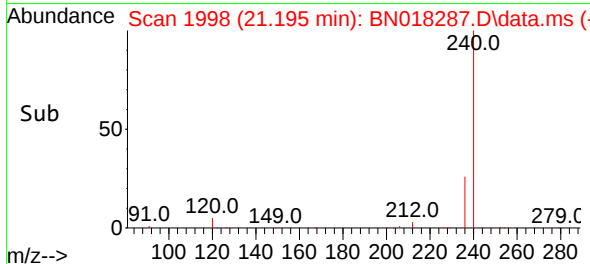
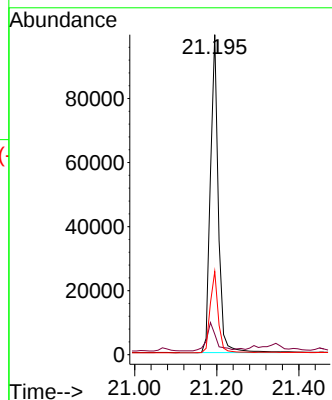
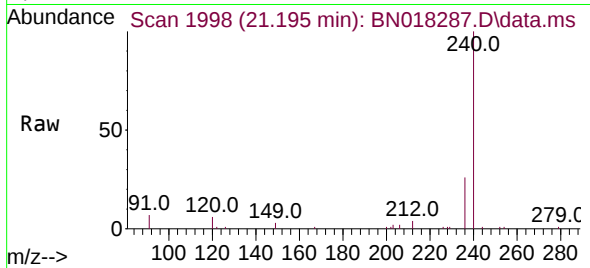




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.195 min Scan# 1998
Delta R.T. -0.001 min
Lab File: BN018287.D
Acq: 30 Dec 2021 08:01

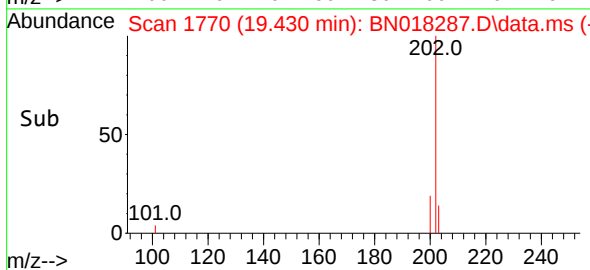
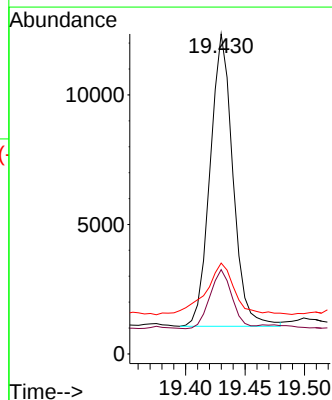
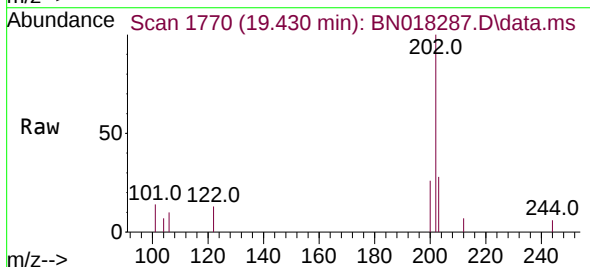
Instrument :
BNA_F
ClientSampleId :

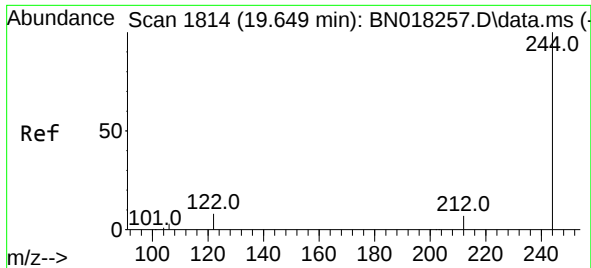
Tgt Ion:240 Resp: 133168
Ion Ratio Lower Upper
240 100
120 6.4 6.0 9.0
236 26.0 21.4 32.2



#30
Pyrene
Concen: 0.029 ng
RT: 19.430 min Scan# 1770
Delta R.T. -0.000 min
Lab File: BN018287.D
Acq: 30 Dec 2021 08:01

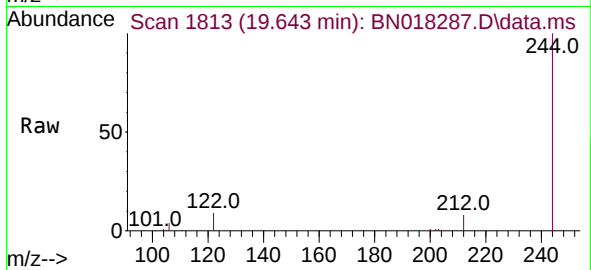
Tgt Ion:202 Resp: 15115
Ion Ratio Lower Upper
202 100
200 19.8 16.6 25.0
203 22.5 14.1 21.1#



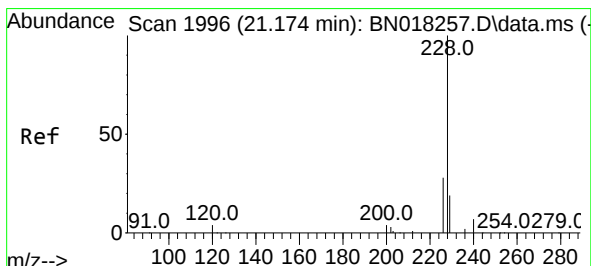
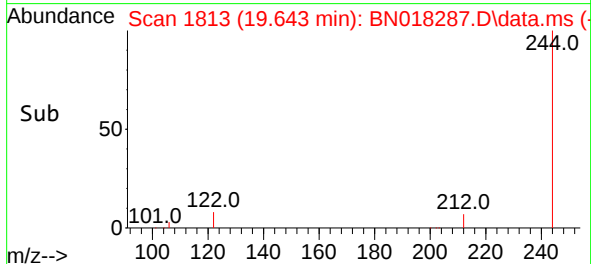
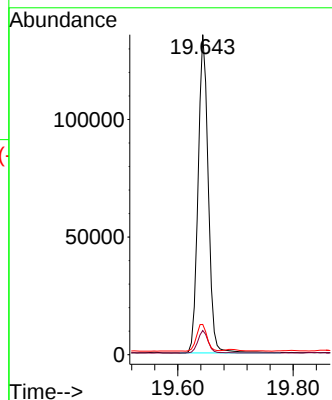


#31
Terphenyl-d14
Concen: 0.492 ng
RT: 19.643 min Scan# 1814
Delta R.T. -0.005 min
Lab File: BN018287.D
Acq: 30 Dec 2021 08:01

Instrument :
BNA_F
ClientSampleId :

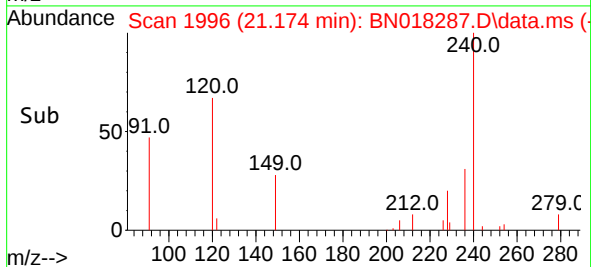
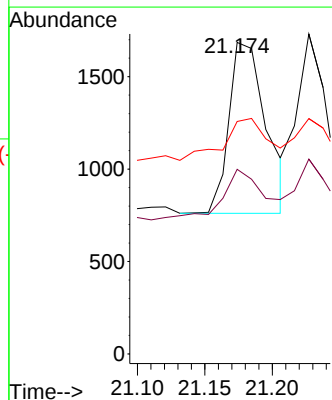
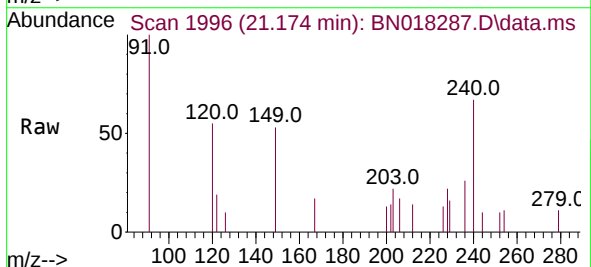


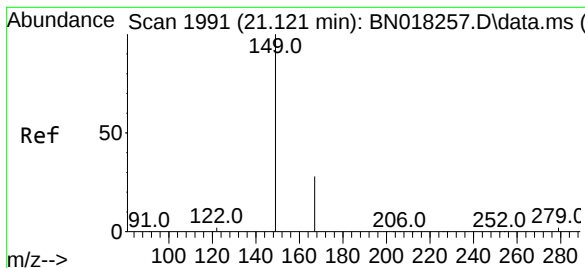
Tgt Ion:244 Resp: 166378
Ion Ratio Lower Upper
244 100
212 7.6 6.2 9.2
122 9.5 7.9 11.9



#32
Benzo(a)anthracene
Concen: 0.060 ng
RT: 21.174 min Scan# 1996
Delta R.T. -0.000 min
Lab File: BN018287.D
Acq: 30 Dec 2021 08:01

Tgt Ion:228 Resp: 1774
Ion Ratio Lower Upper
228 100
226 59.3 21.3 31.9#
229 74.7 15.9 23.9#

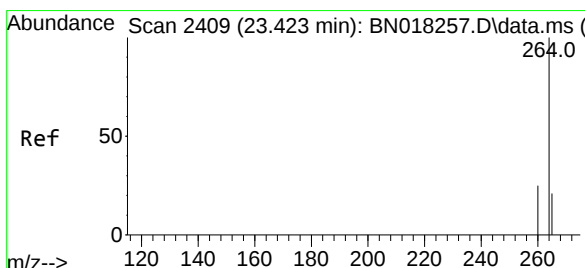
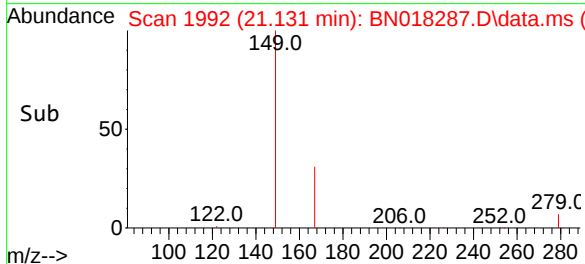
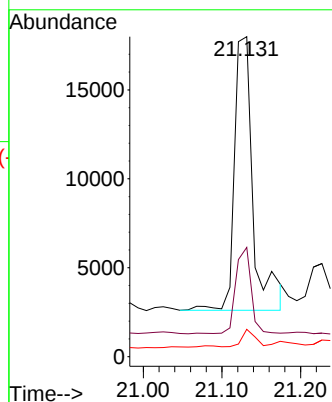
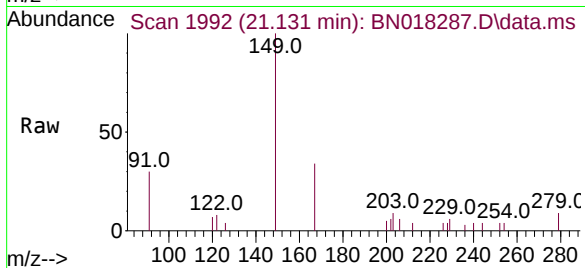




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.152 ng
 RT: 21.131 min Scan# 1992
 Delta R.T. 0.010 min
 Lab File: BN018287.D
 Acq: 30 Dec 2021 08:01

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:149 Resp: 25278
 Ion Ratio Lower Upper
 149 100
 167 26.2 23.7 35.5
 279 4.7 3.6 5.4



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.419 min Scan# 2408
 Delta R.T. -0.004 min
 Lab File: BN018287.D
 Acq: 30 Dec 2021 08:01

Tgt Ion:264 Resp: 116464
 Ion Ratio Lower Upper
 264 100
 260 25.3 20.2 30.4
 265 26.3 18.2 27.2

