

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122921\
 Data File : BN018284.D
 Acq On : 30 Dec 2021 06:14
 Operator : CG/JU
 Sample : M5221-04
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 30 08:59:29 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)

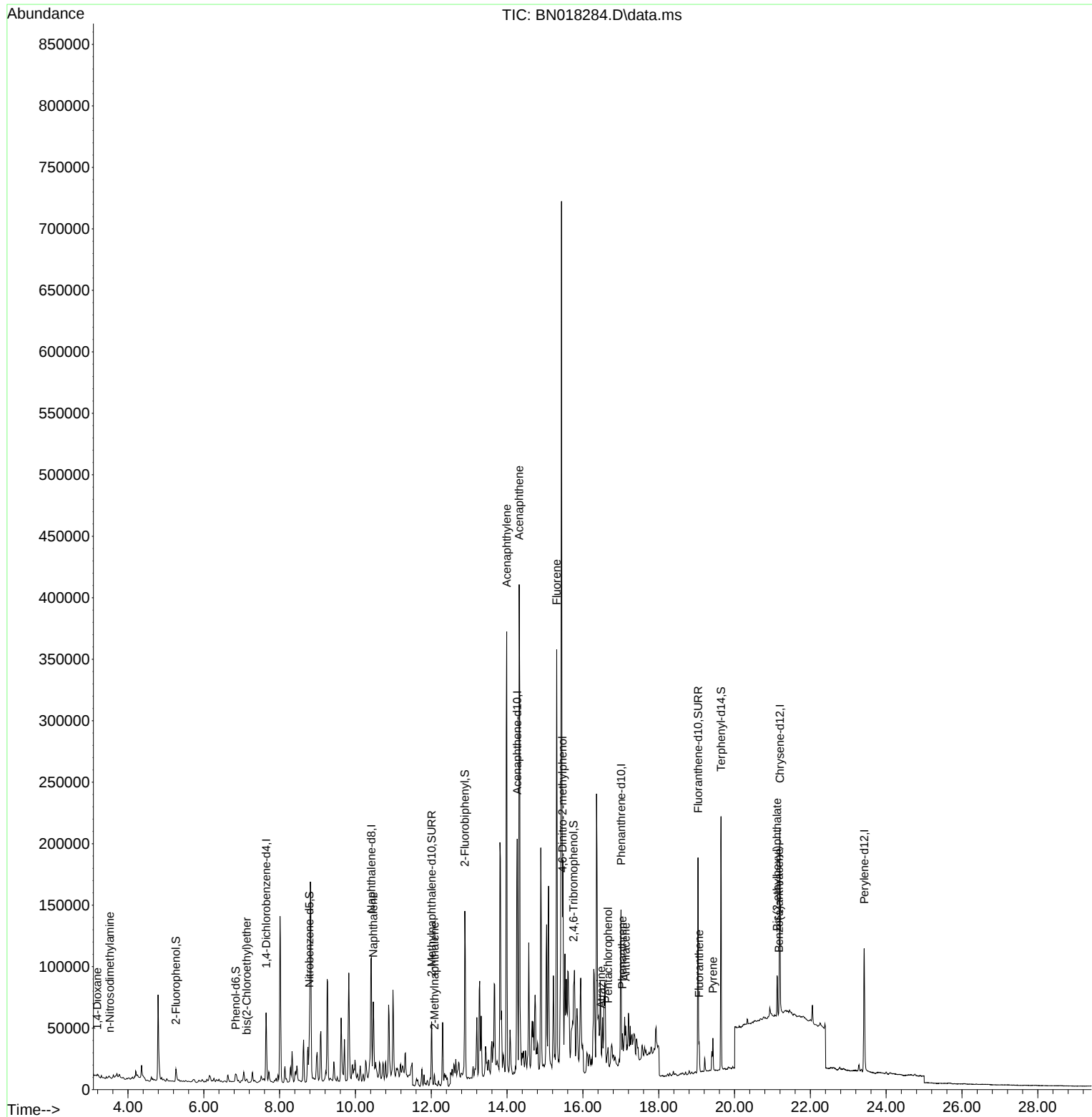
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	32390	0.400	ng	0.00
7) Naphthalene-d8	10.419	136	136280	0.400	ng	0.00
13) Acenaphthene-d10	14.269	164	90191	0.400	ng	# 0.00
19) Phenanthrene-d10	17.005	188	169252	0.400	ng	# 0.00
29) Chrysene-d12	21.196	240	145697	0.400	ng	0.00
35) Perylene-d12	23.419	264	131624	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.264	112	11821	0.182	ng	0.02
5) Phenol-d6	6.840	99	6456	0.103	ng	0.00
8) Nitrobenzene-d5	8.784	82	35818	0.491	ng	0.00
11) 2-Methylnaphthalene-d10	12.007	152	73962	0.323	ng	0.00
14) 2,4,6-Tribromophenol	15.753	330	20463	0.729	ng	-0.01
15) 2-Fluorobiphenyl	12.886	172	127786	0.374	ng	-0.01
27) Fluoranthene-d10	19.038	212	198364	0.368	ng	0.00
31) Terphenyl-d14	19.644	244	213332	0.576	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.189	88	480	0.026	ng	# 60
3) n-Nitrosodimethylamine	3.521	42	704	0.026	ng	# 10
6) bis(2-Chloroethyl)ether	7.135	93	3041	0.039	ng	# 35
9) Naphthalene	10.470	128	23874	0.071	ng	# 47
12) 2-Methylnaphthalene	12.083	142	6470	0.030	ng	# 72
16) Acenaphthylene	13.990	152	55430	0.175	ng	# 15
17) Acenaphthene	14.320	154	209785	0.901	ng	98
18) Fluorene	15.309	166	174303	0.635	ng	# 96
20) 4,6-Dinitro-2-methylph...	15.461	198	708	0.402	ng	# 1
23) Atrazine	16.482	200	1103	0.148	ng	# 1
24) Pentachlorophenol	16.665	266	425	0.204	ng	96
25) Phenanthrene	17.042	178	26973	0.060	ng	# 92
26) Anthracene	17.127	178	34297	0.126	ng	# 80
28) Fluoranthene	19.068	202	21347	0.041	ng	98
30) Pyrene	19.430	202	25109	0.044	ng	# 92
32) Benzo(a)anthracene	21.174	228	1653	0.060	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.121	149	35066	0.193	ng	# 98

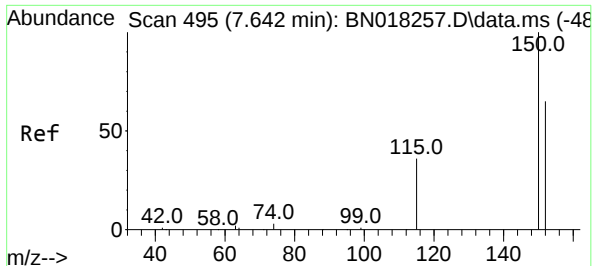
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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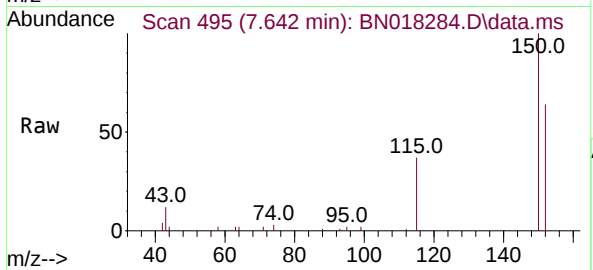
Quant Time: Dec 30 08:59:29 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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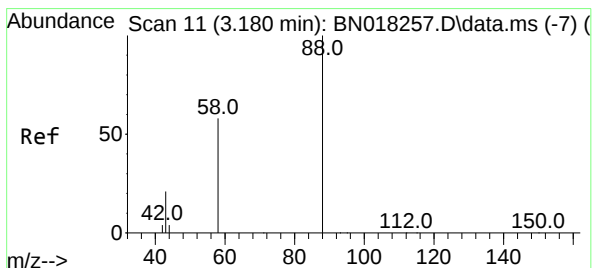
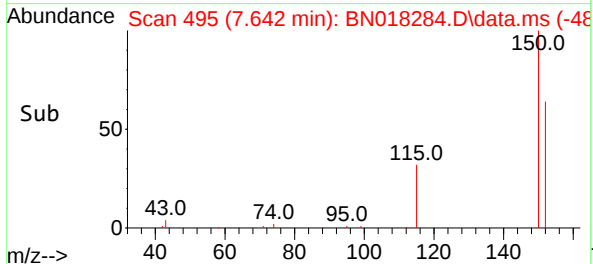
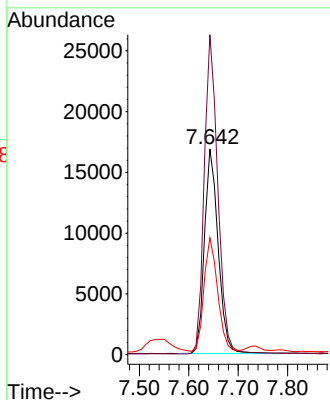


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.642 min Scan# 495
 Delta R.T. 0.000 min
 Lab File: BN018284.D
 Acq: 30 Dec 2021 06:14

Instrument :
 BNA_N
 ClientSampleId :

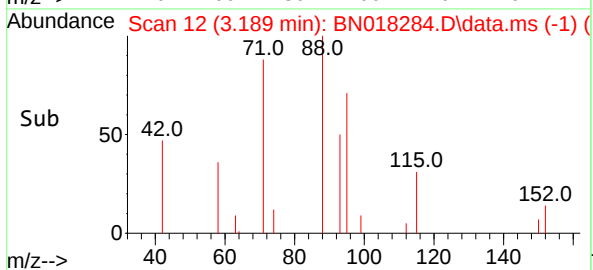
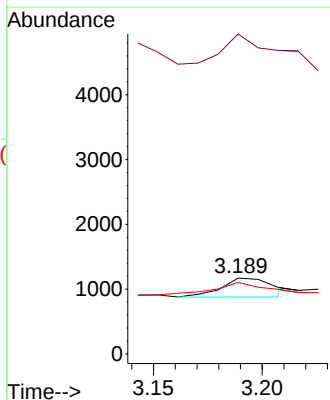
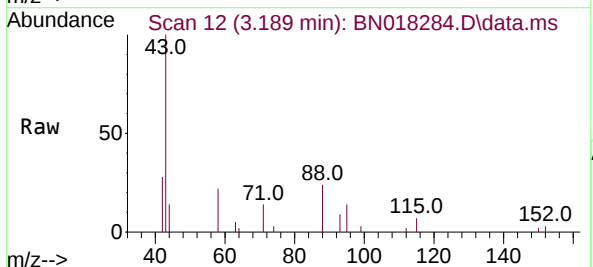


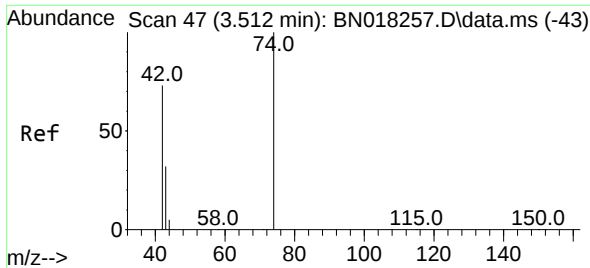
Tgt Ion:152 Resp: 32390
 Ion Ratio Lower Upper
 152 100
 150 155.5 121.7 182.5
 115 56.9 43.8 65.8



#2
 1,4-Dioxane
 Concen: 0.026 ng
 RT: 3.189 min Scan# 12
 Delta R.T. 0.009 min
 Lab File: BN018284.D
 Acq: 30 Dec 2021 06:14

Tgt Ion: 88 Resp: 480
 Ion Ratio Lower Upper
 88 100
 43 127.3 69.7 104.5#
 58 67.3 83.8 125.8#

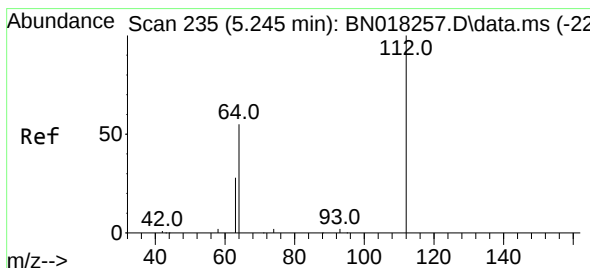
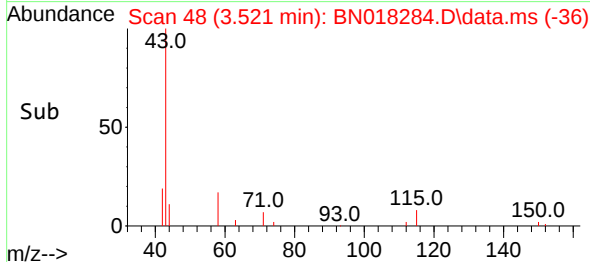
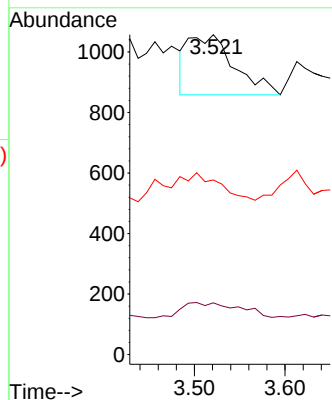
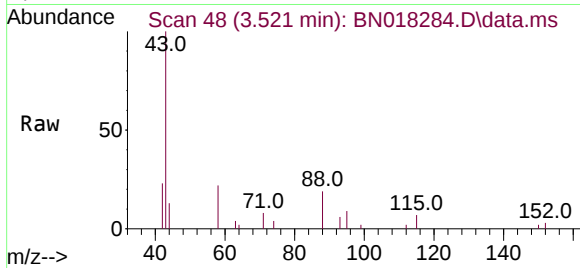




#3
n-Nitrosodimethylamine
Concen: 0.026 ng
RT: 3.521 min Scan# 41
Delta R.T. 0.009 min
Lab File: BN018284.D
Acq: 30 Dec 2021 06:14

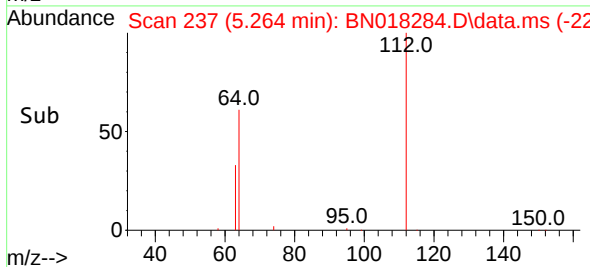
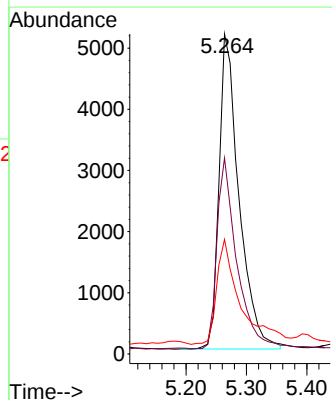
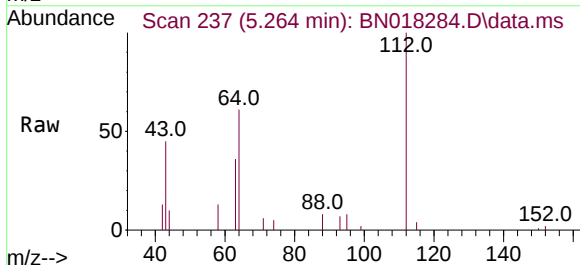
Instrument :
BNA_N
ClientSampleId :

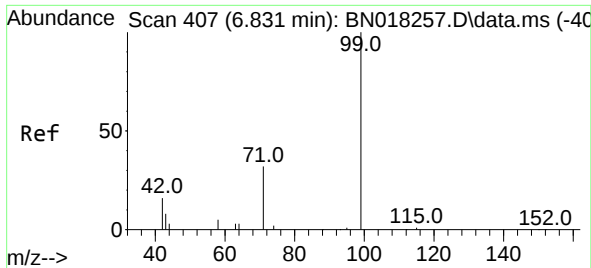
Tgt Ion: 42 Resp: 704
Ion Ratio Lower Upper
42 100
74 31.3 108.6 163.0#
44 56.4 5.8 8.8#



#4
2-Fluorophenol
Concen: 0.182 ng
RT: 5.264 min Scan# 237
Delta R.T. 0.019 min
Lab File: BN018284.D
Acq: 30 Dec 2021 06:14

Tgt Ion: 112 Resp: 11821
Ion Ratio Lower Upper
112 100
64 59.7 48.0 72.0
63 38.7 25.3 37.9#





#5

Phenol-d6

Concen: 0.103 ng

RT: 6.840 min Scan# 40

Delta R.T. 0.009 min

Lab File: BN018284.D

Acq: 30 Dec 2021 06:14

Instrument :

BNA_N

ClientSampleId :

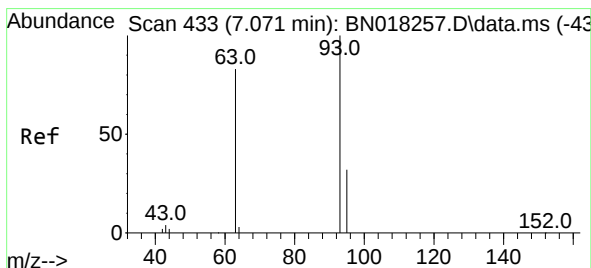
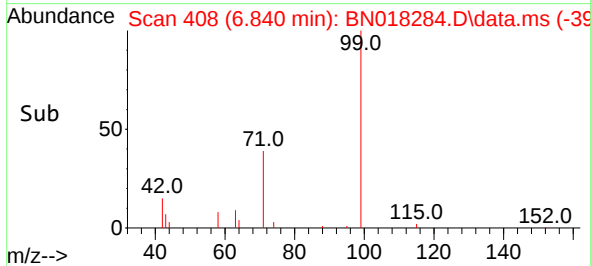
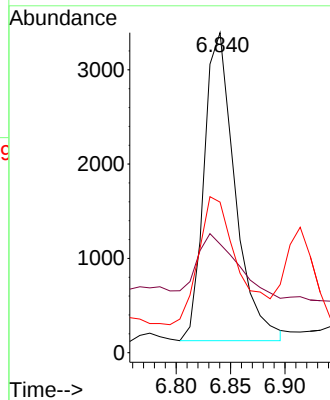
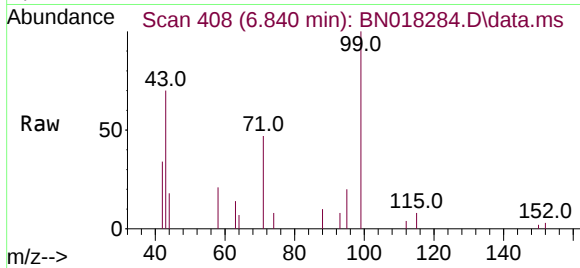
Tgt Ion: 99 Resp: 6456

Ion Ratio Lower Upper

99 100

42 27.3 16.3 24.5#

71 53.6 26.8 40.2#



#6

bis(2-Chloroethyl)ether

Concen: 0.039 ng

RT: 7.135 min Scan# 440

Delta R.T. 0.065 min

Lab File: BN018284.D

Acq: 30 Dec 2021 06:14

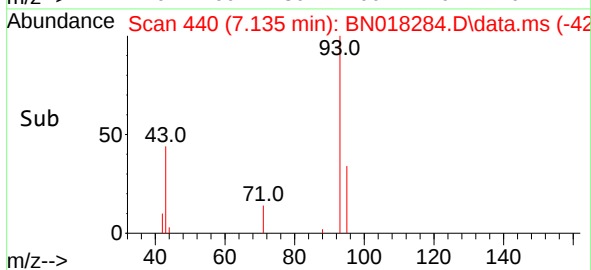
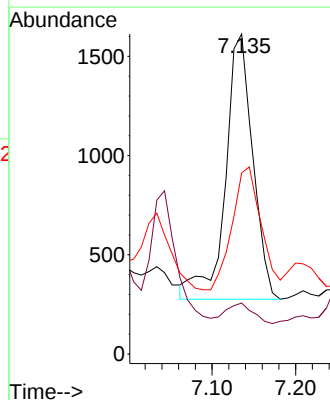
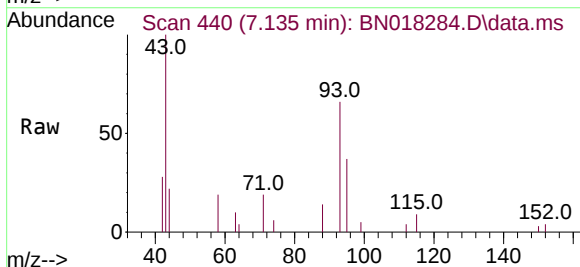
Tgt Ion: 93 Resp: 3041

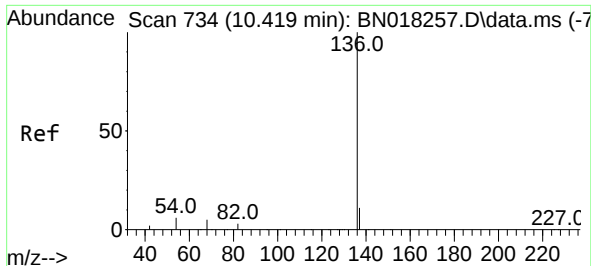
Ion Ratio Lower Upper

93 100

63 7.6 61.7 92.5#

95 48.6 26.2 39.4#

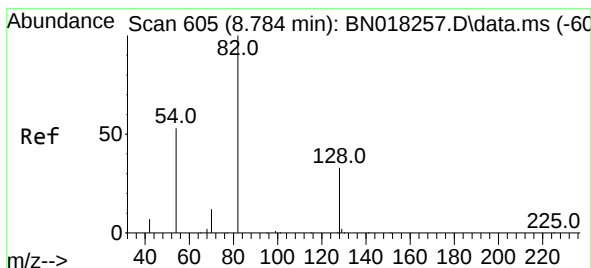
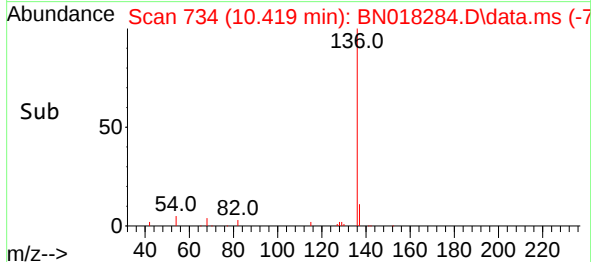
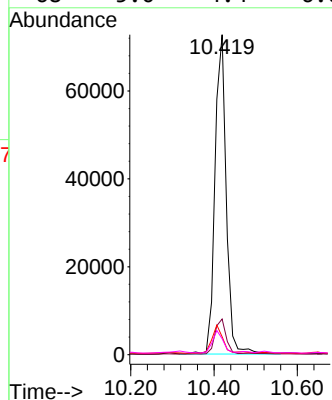
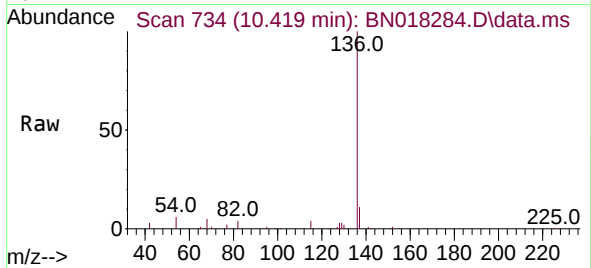




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.419 min Scan# 734
Delta R.T. 0.000 min
Lab File: BN018284.D
Acq: 30 Dec 2021 06:14

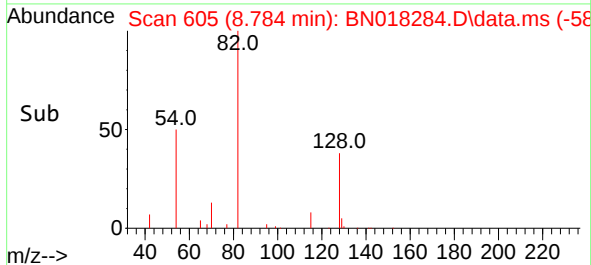
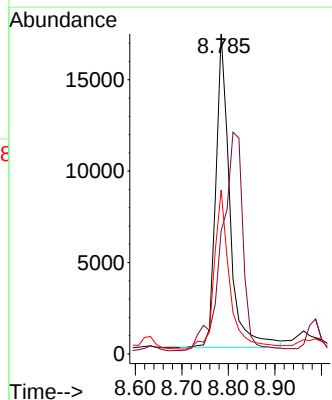
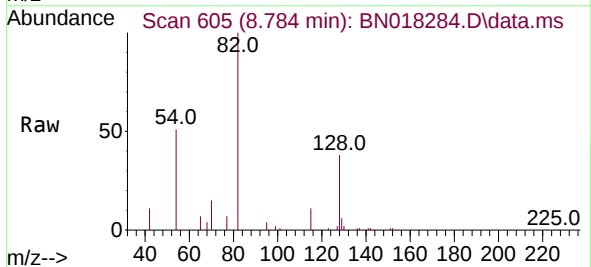
Instrument :
BNA_N
ClientSampleId :

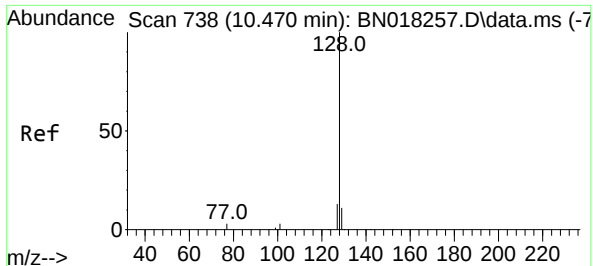
Tgt Ion:	136	Resp:	136280
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.8	13.2
54	5.6	5.0	7.6
68	5.0	4.4	6.6



#8
Nitrobenzene-d5
Concen: 0.491 ng
RT: 8.784 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN018284.D
Acq: 30 Dec 2021 06:14

Tgt Ion:	82	Resp:	35818
Ion Ratio	Lower	Upper	
82	100		
128	38.5	33.7	50.5
54	51.3	36.6	55.0



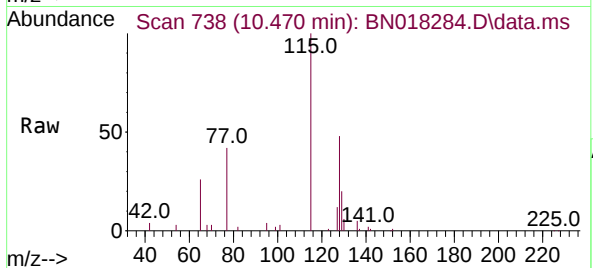


#9
Naphthalene
Concen: 0.071 ng
RT: 10.470 min Scan# 711
Delta R.T. 0.000 min
Lab File: BN018284.D
Acq: 30 Dec 2021 06:14

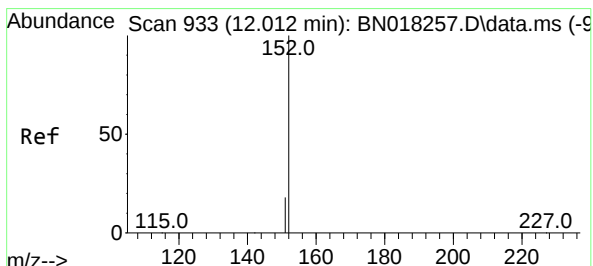
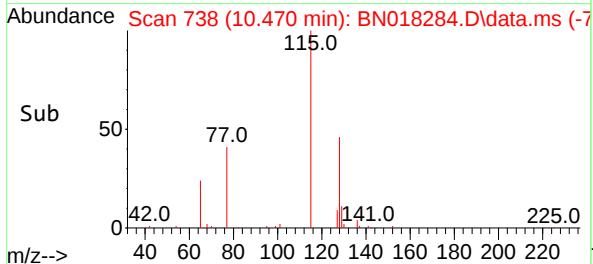
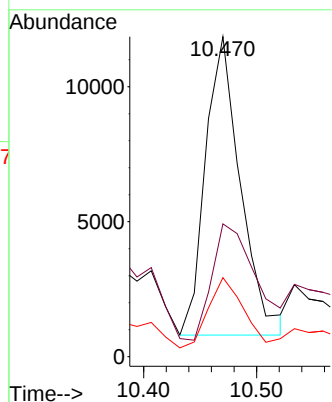
Instrument :

BNA_N

ClientSampleId :

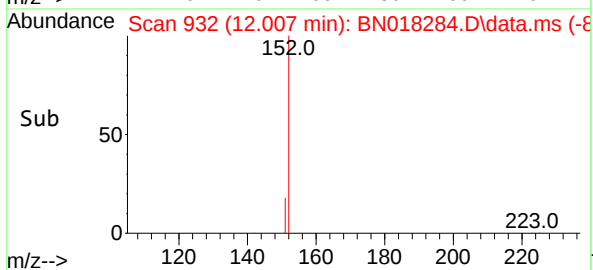
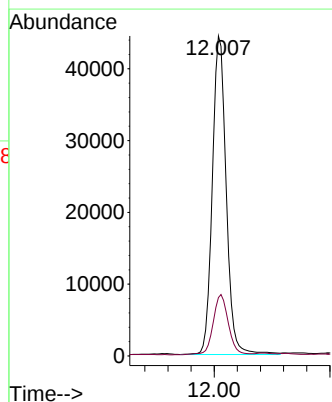
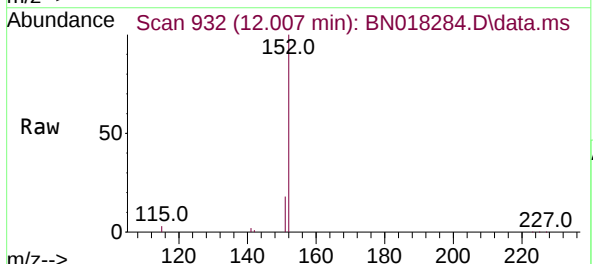


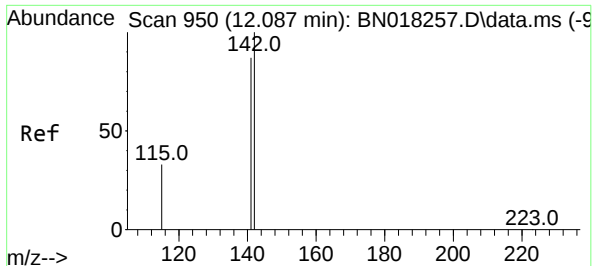
Tgt Ion:128 Resp: 23874
Ion Ratio Lower Upper
128 100
129 41.5 8.7 13.1#
127 24.7 10.4 15.6#



#11
2-Methylnaphthalene-d10
Concen: 0.323 ng
RT: 12.007 min Scan# 932
Delta R.T. -0.004 min
Lab File: BN018284.D
Acq: 30 Dec 2021 06:14

Tgt Ion:152 Resp: 73962
Ion Ratio Lower Upper
152 100
151 20.7 16.2 24.2





#12

2-Methylnaphthalene

Concen: 0.030 ng

RT: 12.083 min Scan# 949

Delta R.T. -0.004 min

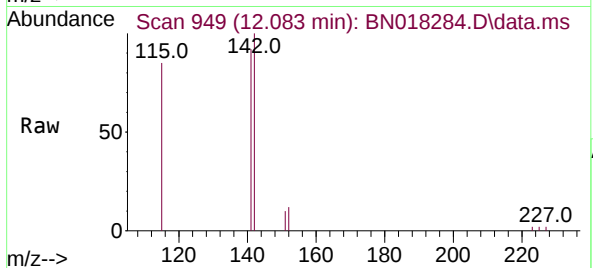
Lab File: BN018284.D

Acq: 30 Dec 2021 06:14

Instrument :

BNA_N

ClientSampleId :



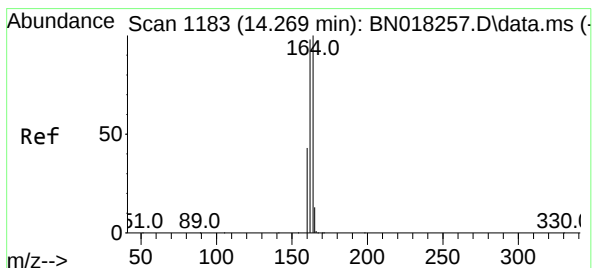
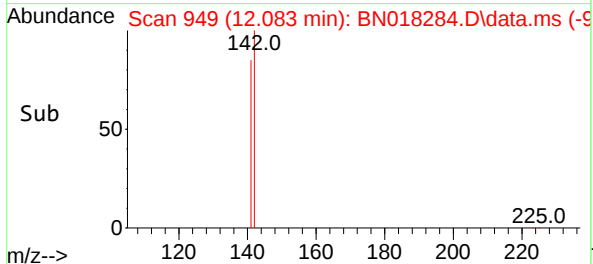
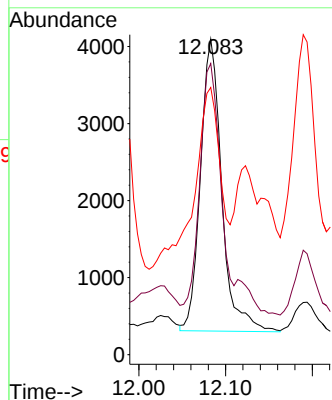
Tgt Ion:142 Resp: 6470

Ion Ratio Lower Upper

142 100

141 92.3 70.0 105.0

115 84.7 27.8 41.8#



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.269 min Scan# 1183

Delta R.T. -0.000 min

Lab File: BN018284.D

Acq: 30 Dec 2021 06:14

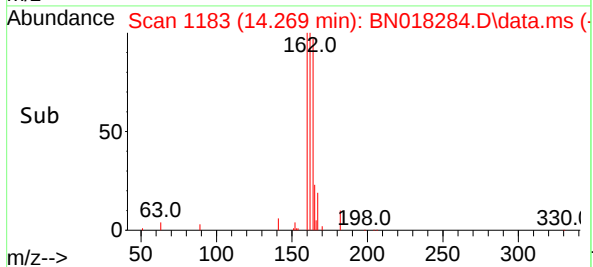
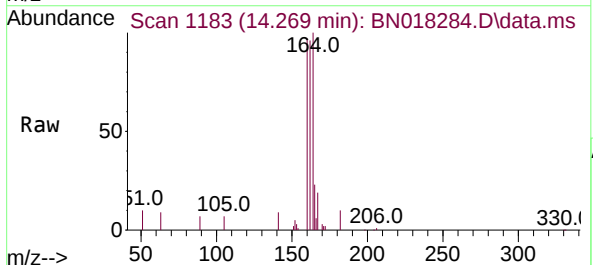
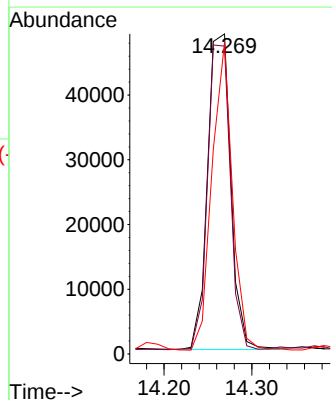
Tgt Ion:164 Resp: 90191

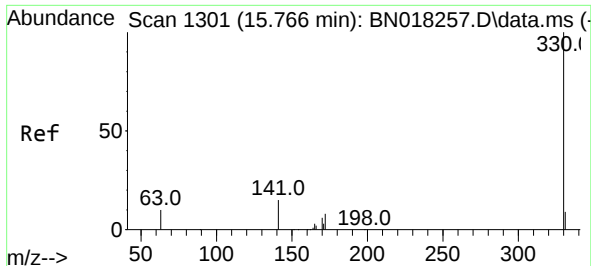
Ion Ratio Lower Upper

164 100

162 96.2 80.2 120.2

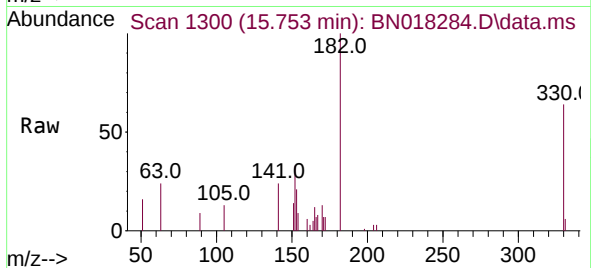
160 97.4 36.9 55.3#



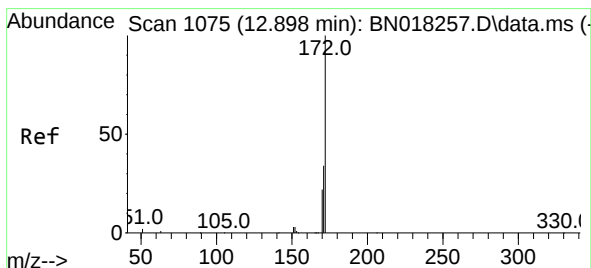
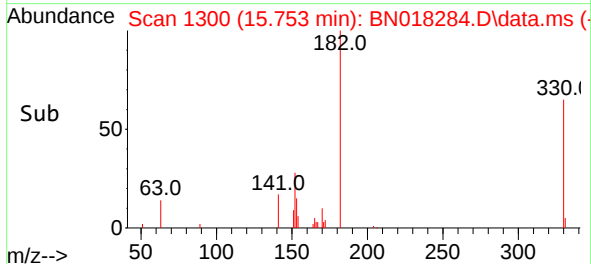
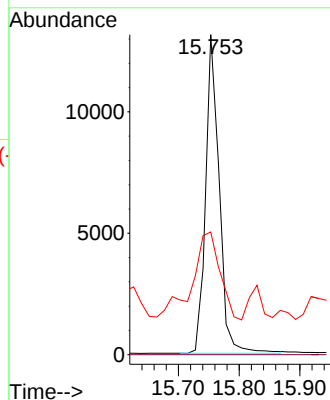


#14
2,4,6-Tribromophenol
Concen: 0.729 ng
RT: 15.753 min Scan# 1300
Delta R.T. -0.013 min
Lab File: BN018284.D
Acq: 30 Dec 2021 06:14

Instrument :
BNA_N
ClientSampleId :

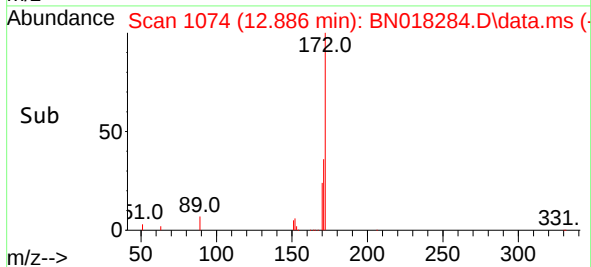
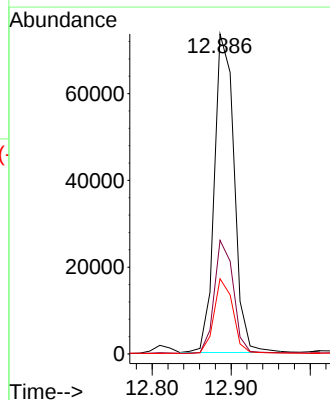
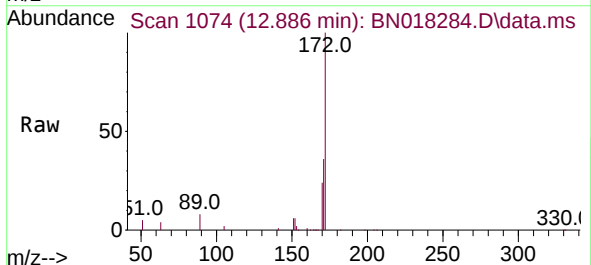


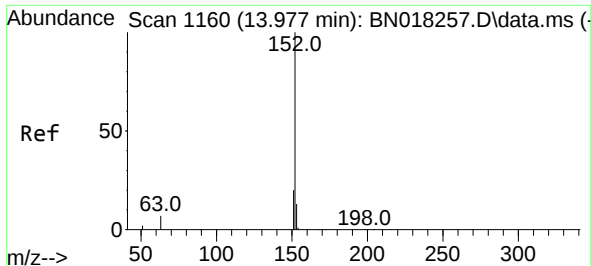
Tgt Ion: 330 Resp: 20463
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 48.9 21.3 31.9#



#15
2-Fluorobiphenyl
Concen: 0.374 ng
RT: 12.886 min Scan# 1074
Delta R.T. -0.013 min
Lab File: BN018284.D
Acq: 30 Dec 2021 06:14

Tgt Ion: 172 Resp: 127786
Ion Ratio Lower Upper
172 100
171 35.5 27.4 41.0
170 23.5 18.4 27.6

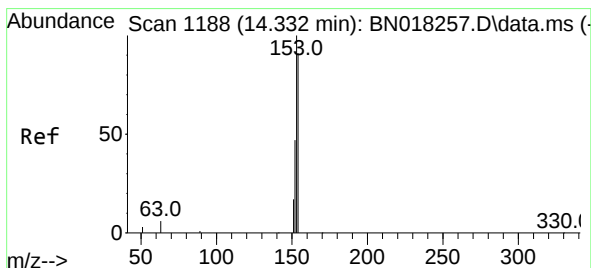
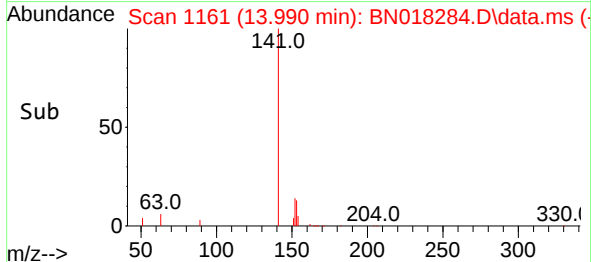
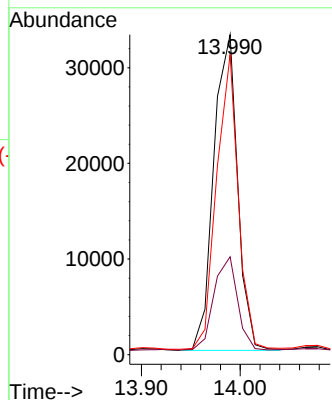
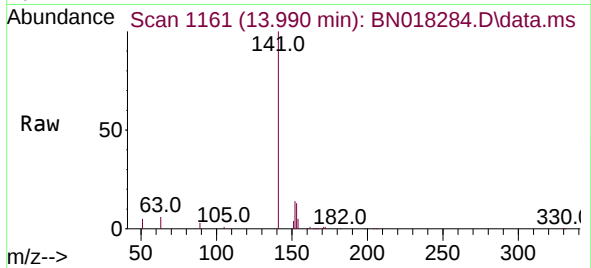




#16
 Acenaphthylene
 Concen: 0.175 ng
 RT: 13.990 min Scan# 1161
 Delta R.T. 0.013 min
 Lab File: BN018284.D
 Acq: 30 Dec 2021 06:14

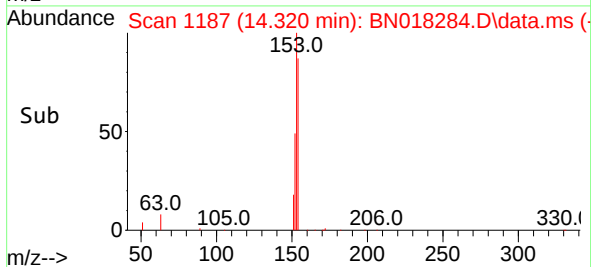
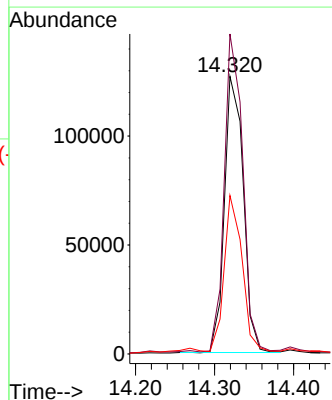
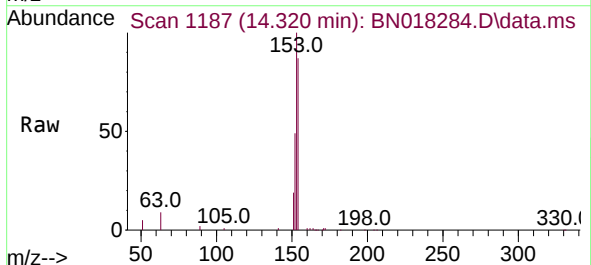
Instrument :
 BNA_N
 ClientSampleId :

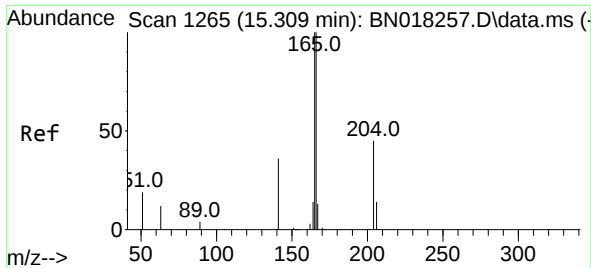
Tgt Ion:152 Resp: 55430
 Ion Ratio Lower Upper
 152 100
 151 29.9 15.8 23.6#
 153 84.3 10.5 15.7#



#17
 Acenaphthene
 Concen: 0.901 ng
 RT: 14.320 min Scan# 1187
 Delta R.T. -0.013 min
 Lab File: BN018284.D
 Acq: 30 Dec 2021 06:14

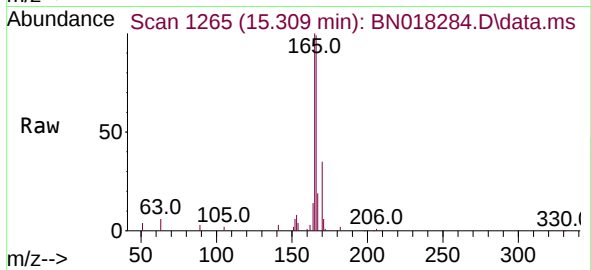
Tgt Ion:154 Resp: 209785
 Ion Ratio Lower Upper
 154 100
 153 112.5 90.9 136.3
 152 54.1 45.0 67.4



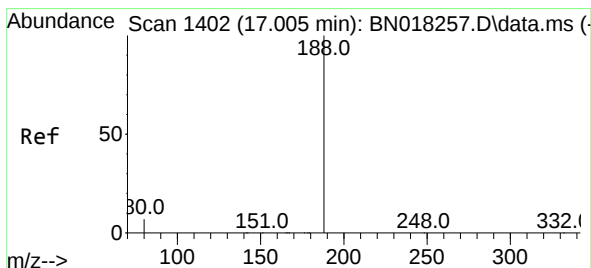
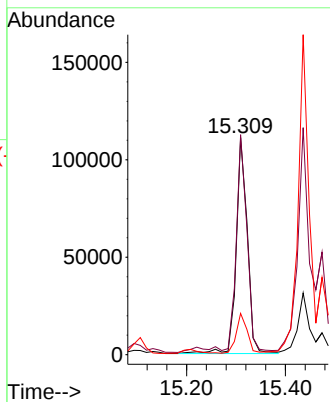
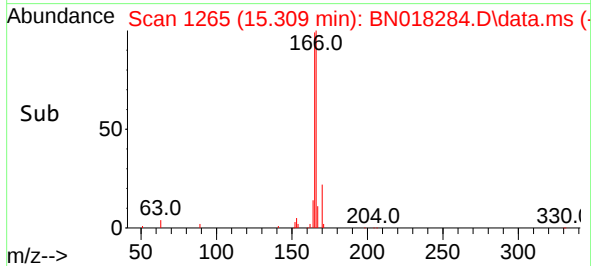


#18
 Fluorene
 Concen: 0.635 ng
 RT: 15.309 min Scan# 1265
 Delta R.T. 0.000 min
 Lab File: BN018284.D
 Acq: 30 Dec 2021 06:14

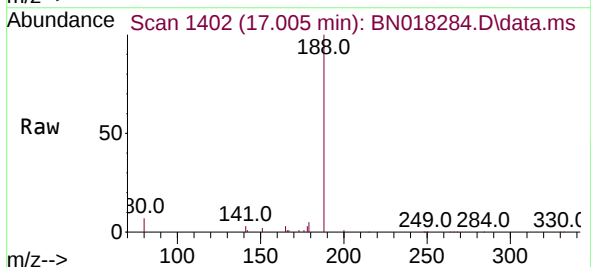
Instrument :
 BNA_N
 ClientSampleId :



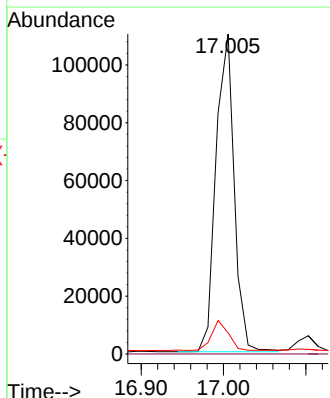
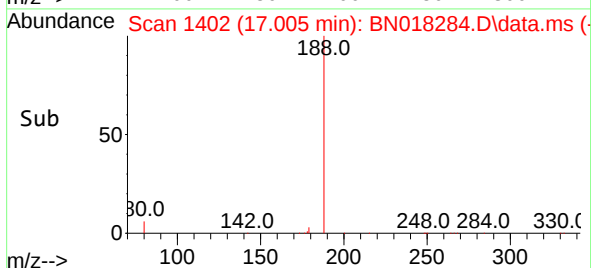
Tgt Ion:166 Resp: 174303
 Ion Ratio Lower Upper
 166 100
 165 93.8 77.8 116.6
 167 18.3 10.9 16.3#

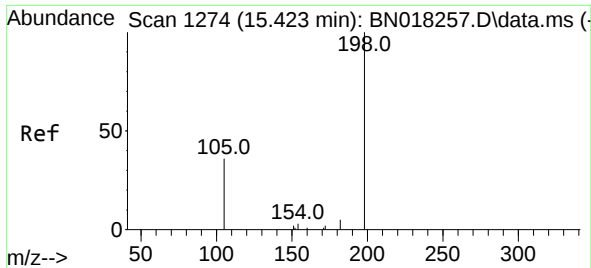


#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.005 min Scan# 1402
 Delta R.T. 0.000 min
 Lab File: BN018284.D
 Acq: 30 Dec 2021 06:14



Tgt Ion:188 Resp: 169252
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 6.6 7.0 10.4#

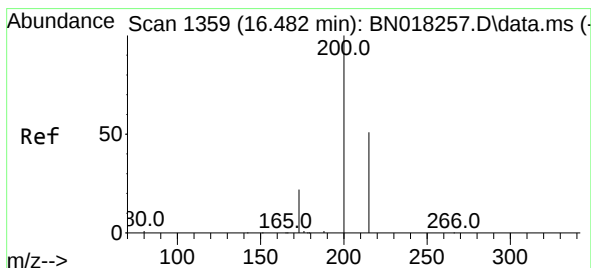
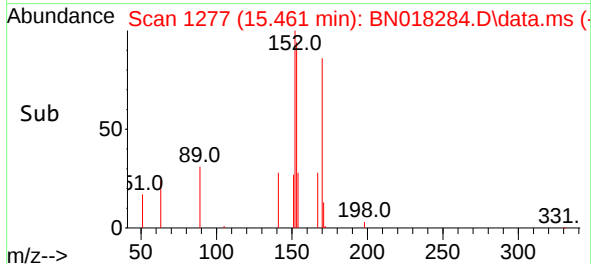
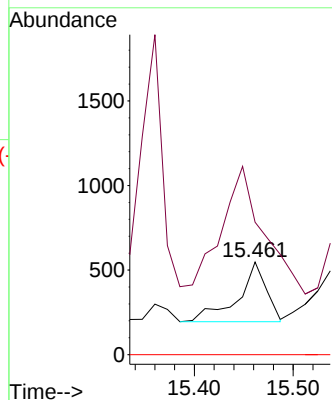
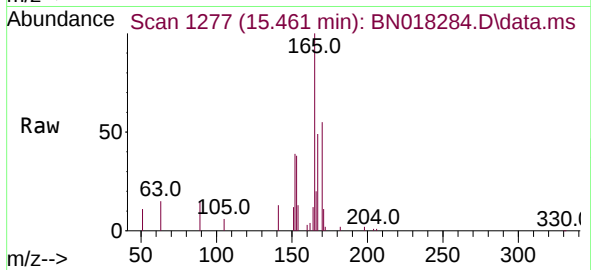




#20
4,6-Dinitro-2-methylphenol
Concen: 0.402 ng
RT: 15.461 min Scan# 11
Delta R.T. 0.038 min
Lab File: BN018284.D
Acq: 30 Dec 2021 06:14

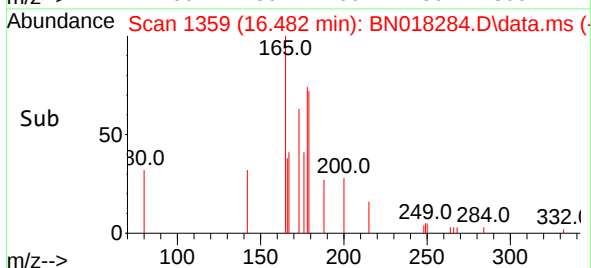
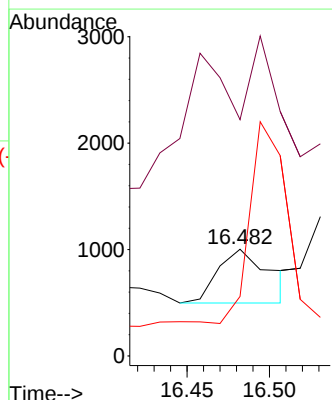
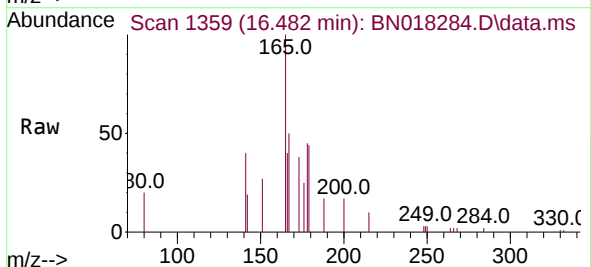
Instrument :
BNA_N
ClientSampleId :

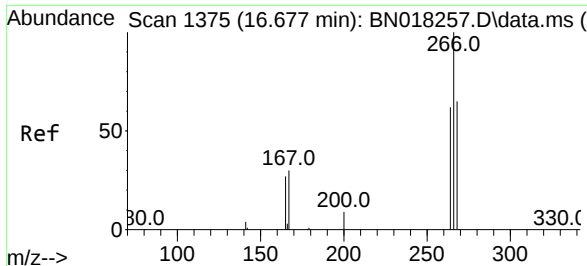
Tgt Ion:198 Resp: 708
Ion Ratio Lower Upper
198 100
182 142.9 15.5 23.3#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.148 ng
RT: 16.482 min Scan# 1359
Delta R.T. 0.000 min
Lab File: BN018284.D
Acq: 30 Dec 2021 06:14

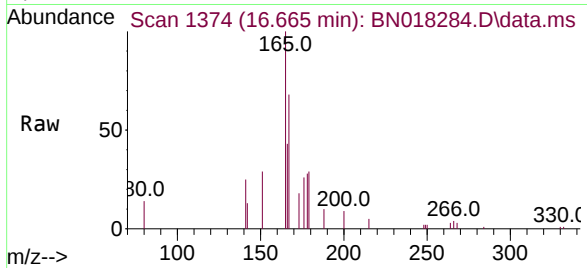
Tgt Ion:200 Resp: 1103
Ion Ratio Lower Upper
200 100
173 221.4 20.3 30.5#
215 55.8 40.4 60.6



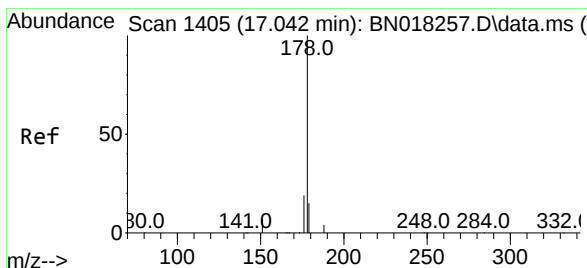
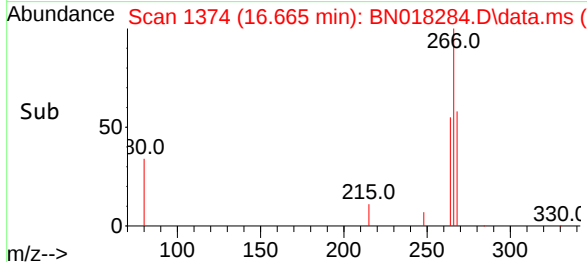
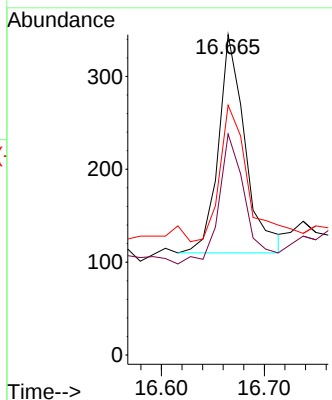


#24
 Pentachlorophenol
 Concen: 0.204 ng
 RT: 16.665 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BN018284.D
 Acq: 30 Dec 2021 06:14

Instrument :
 BNA_N
 ClientSampleId :

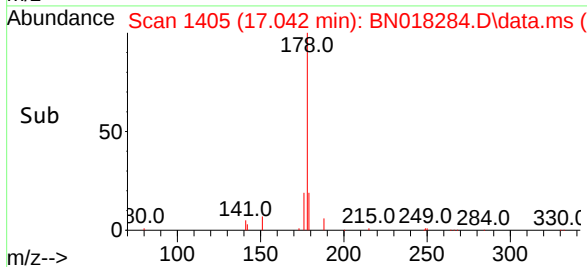
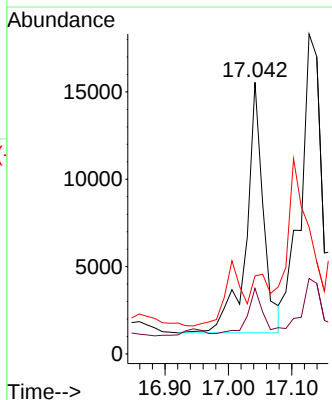
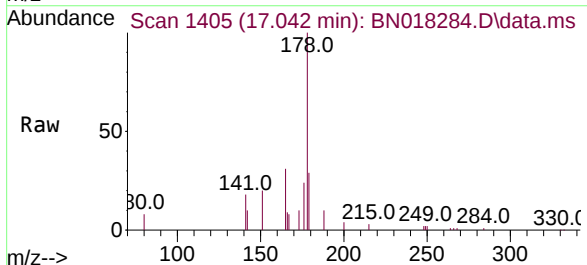


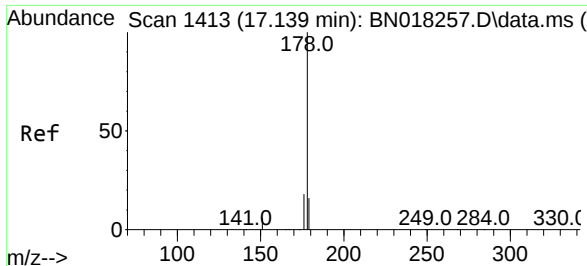
Tgt Ion:266 Resp: 425
 Ion Ratio Lower Upper
 266 100
 264 59.5 49.5 74.3
 268 67.5 50.6 76.0



#25
 Phenanthrene
 Concen: 0.060 ng
 RT: 17.042 min Scan# 1405
 Delta R.T. 0.000 min
 Lab File: BN018284.D
 Acq: 30 Dec 2021 06:14

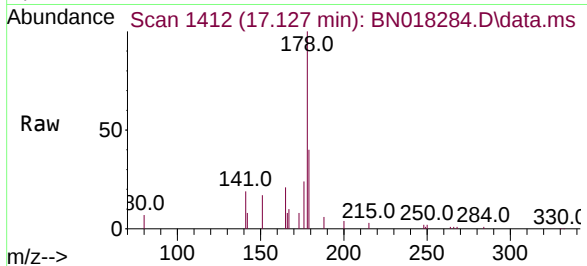
Tgt Ion:178 Resp: 26973
 Ion Ratio Lower Upper
 178 100
 176 16.5 15.3 22.9
 179 10.6 12.3 18.5#



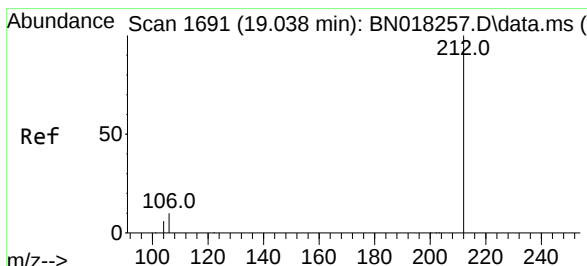
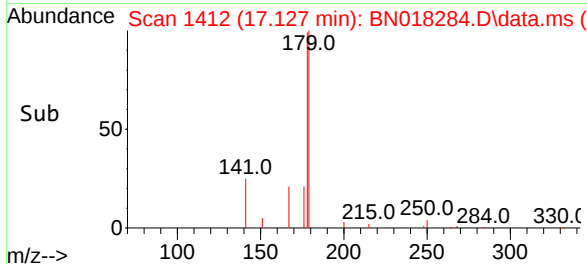
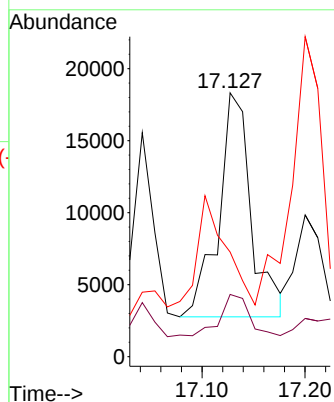


#26
 Anthracene
 Concen: 0.126 ng
 RT: 17.127 min Scan# 1412
 Delta R.T. -0.012 min
 Lab File: BN018284.D
 Acq: 30 Dec 2021 06:14

Instrument :
 BNA_N
 ClientSampleId :

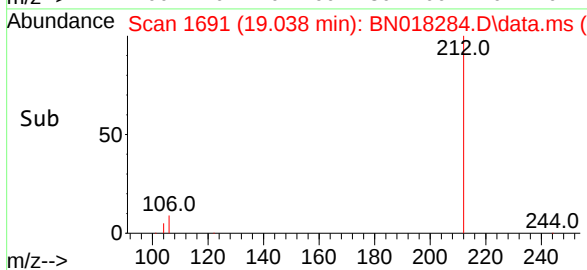
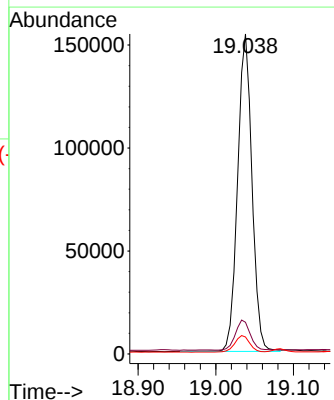
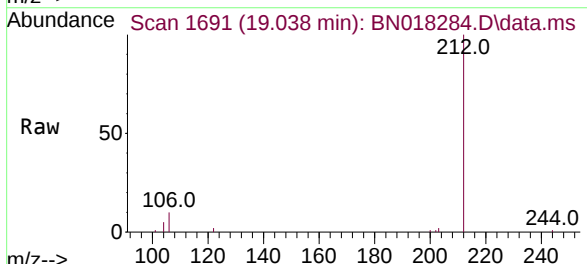


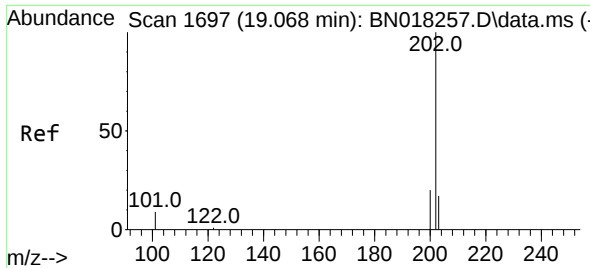
Tgt Ion:178 Resp: 34297
 Ion Ratio Lower Upper
 178 100
 176 15.8 14.8 22.2
 179 0.0 12.2 18.4#



#27
 Fluoranthene-d10
 Concen: 0.368 ng
 RT: 19.038 min Scan# 1691
 Delta R.T. 0.000 min
 Lab File: BN018284.D
 Acq: 30 Dec 2021 06:14

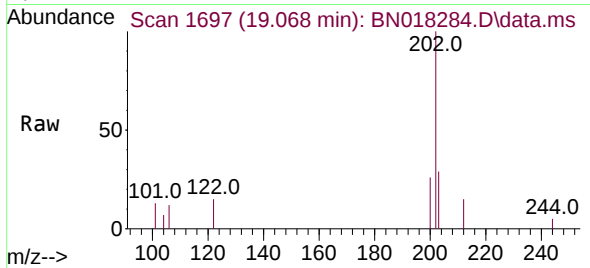
Tgt Ion:212 Resp: 198364
 Ion Ratio Lower Upper
 212 100
 106 9.8 8.4 12.6
 104 5.5 4.5 6.7



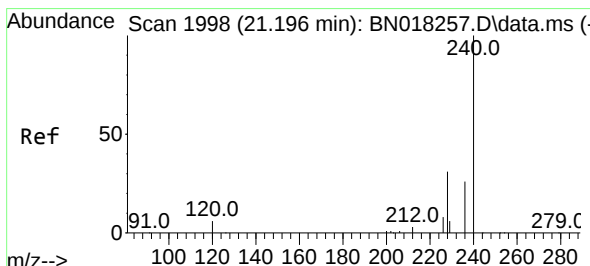
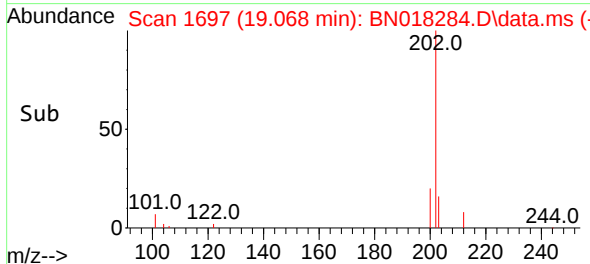
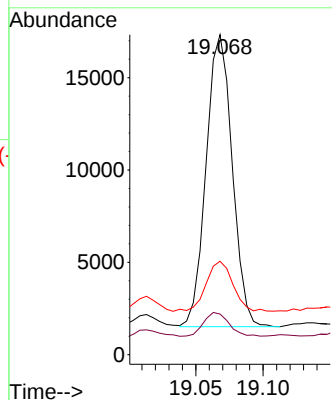


#28
Fluoranthene
Concen: 0.041 ng
RT: 19.068 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018284.D
Acq: 30 Dec 2021 06:14

Instrument :
BNA_N
ClientSampleId :

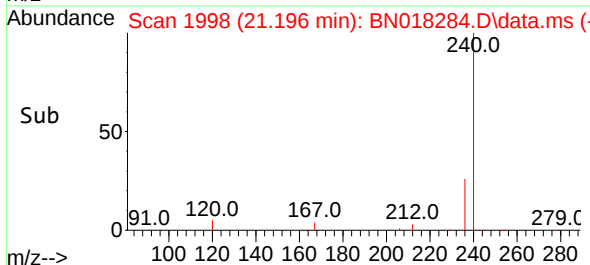
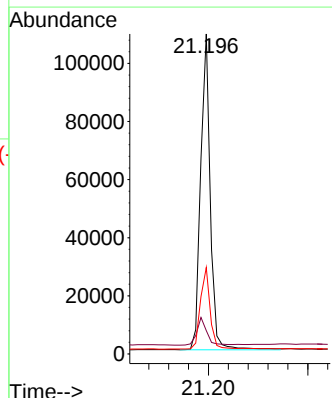
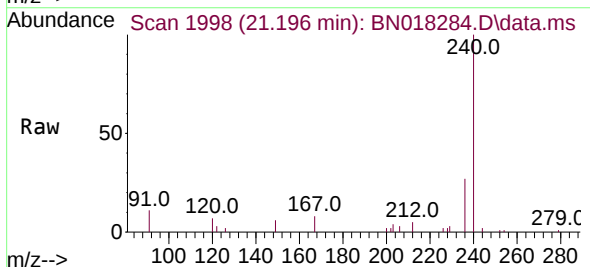


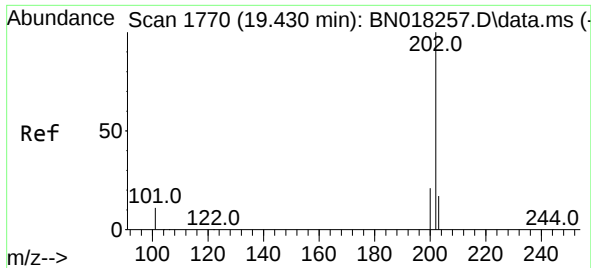
Tgt Ion:202 Resp: 21347
Ion Ratio Lower Upper
202 100
101 8.3 7.2 10.8
203 17.7 13.7 20.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.196 min Scan# 1998
Delta R.T. -0.000 min
Lab File: BN018284.D
Acq: 30 Dec 2021 06:14

Tgt Ion:240 Resp: 145697
Ion Ratio Lower Upper
240 100
120 7.3 6.0 9.0
236 27.0 21.4 32.2

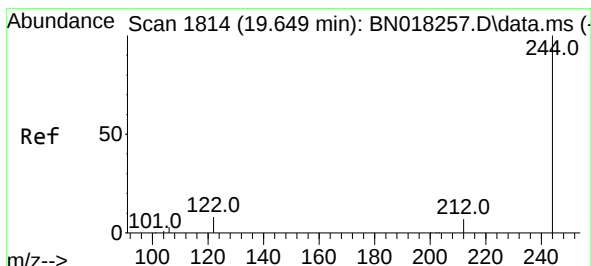
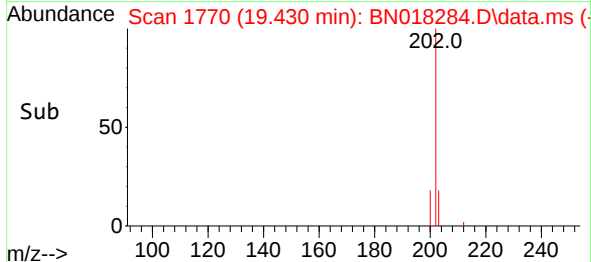
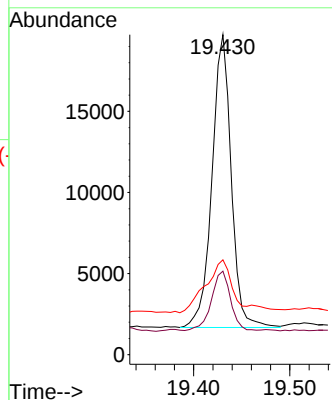
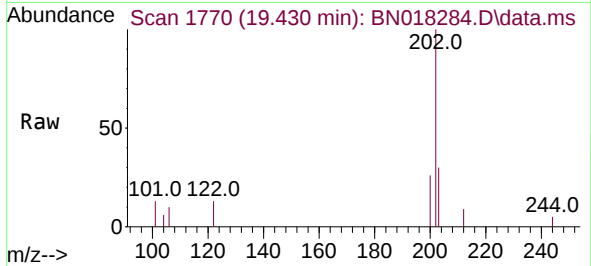




#30
 Pyrene
 Concen: 0.044 ng
 RT: 19.430 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BN018284.D
 Acq: 30 Dec 2021 06:14

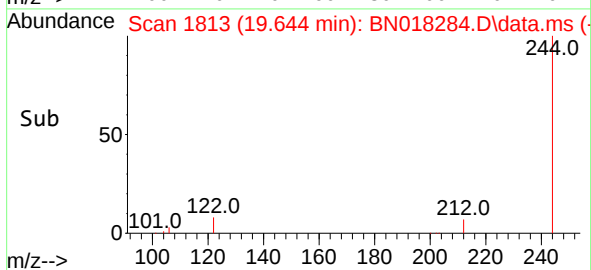
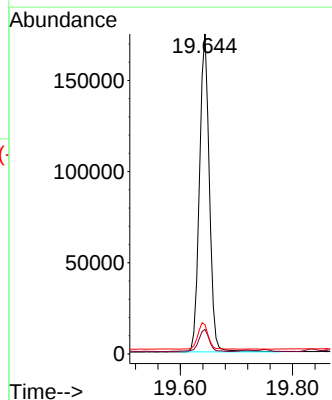
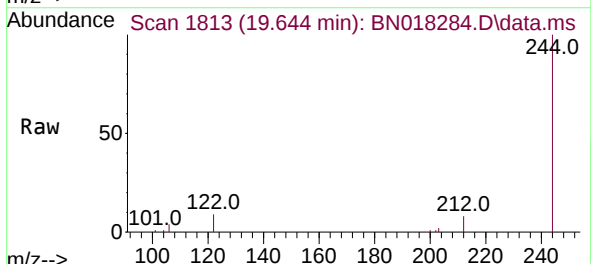
Instrument :
 BNA_N
 ClientSampleId :

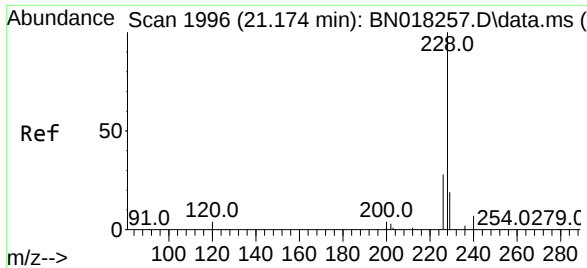
Tgt Ion:202 Resp: 25109
 Ion Ratio Lower Upper
 202 100
 200 20.0 16.6 25.0
 203 24.1 14.1 21.1#



#31
 Terphenyl-d14
 Concen: 0.576 ng
 RT: 19.644 min Scan# 1813
 Delta R.T. -0.005 min
 Lab File: BN018284.D
 Acq: 30 Dec 2021 06:14

Tgt Ion:244 Resp: 213332
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 9.2 7.9 11.9

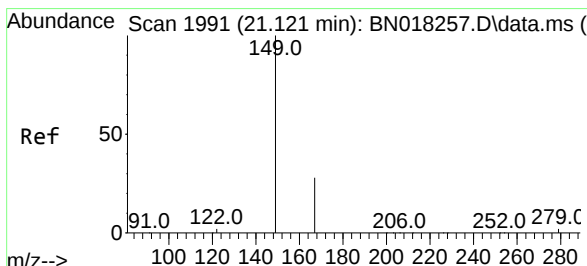
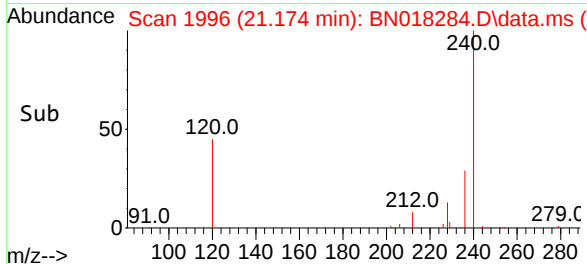
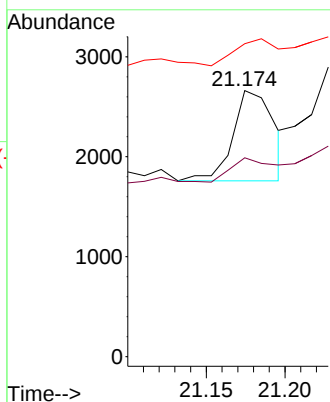
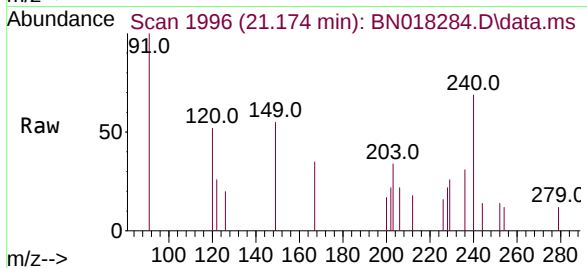




#32
Benzo(a)anthracene
Concen: 0.060 ng
RT: 21.174 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BN018284.D
Acq: 30 Dec 2021 06:14

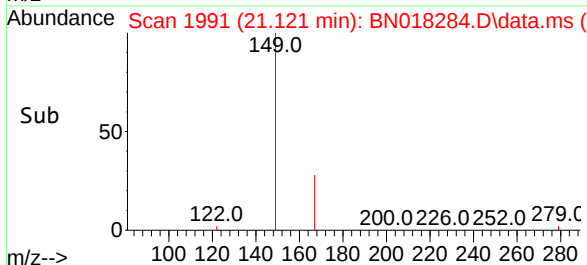
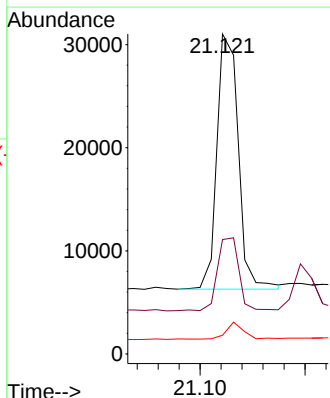
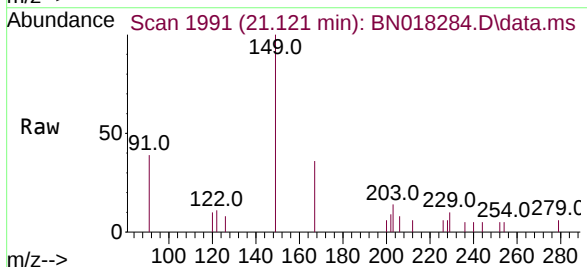
Instrument :
BNA_N
ClientSampleId :

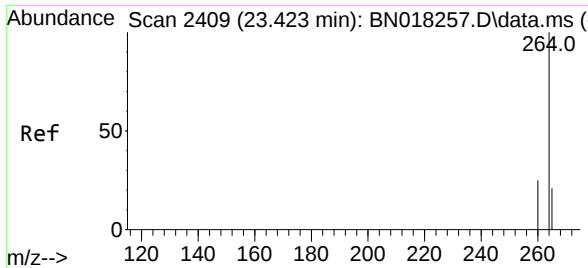
Tgt Ion:228 Resp: 1653
Ion Ratio Lower Upper
228 100
226 74.8 21.3 31.9#
229 117.6 15.9 23.9#



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.193 ng
RT: 21.121 min Scan# 1991
Delta R.T. 0.000 min
Lab File: BN018284.D
Acq: 30 Dec 2021 06:14

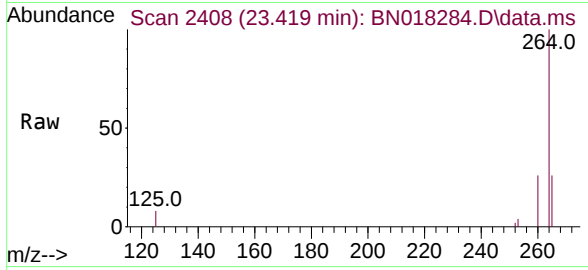
Tgt Ion:149 Resp: 35066
Ion Ratio Lower Upper
149 100
167 28.6 23.7 35.5
279 6.1 3.6 5.4#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.419 min Scan# 24
 Delta R.T. -0.003 min
 Lab File: BN018284.D
 Acq: 30 Dec 2021 06:14

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:264 Resp: 131624

Ion	Ratio	Lower	Upper
264	100		
260	25.8	20.2	30.4
265	26.0	18.2	27.2

