

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122921\
 Data File : BN018282.D
 Acq On : 30 Dec 2021 05:02
 Operator : CG/JU
 Sample : M5107-10
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 OB-CS-10

Quant Time: Dec 30 05:37:40 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)

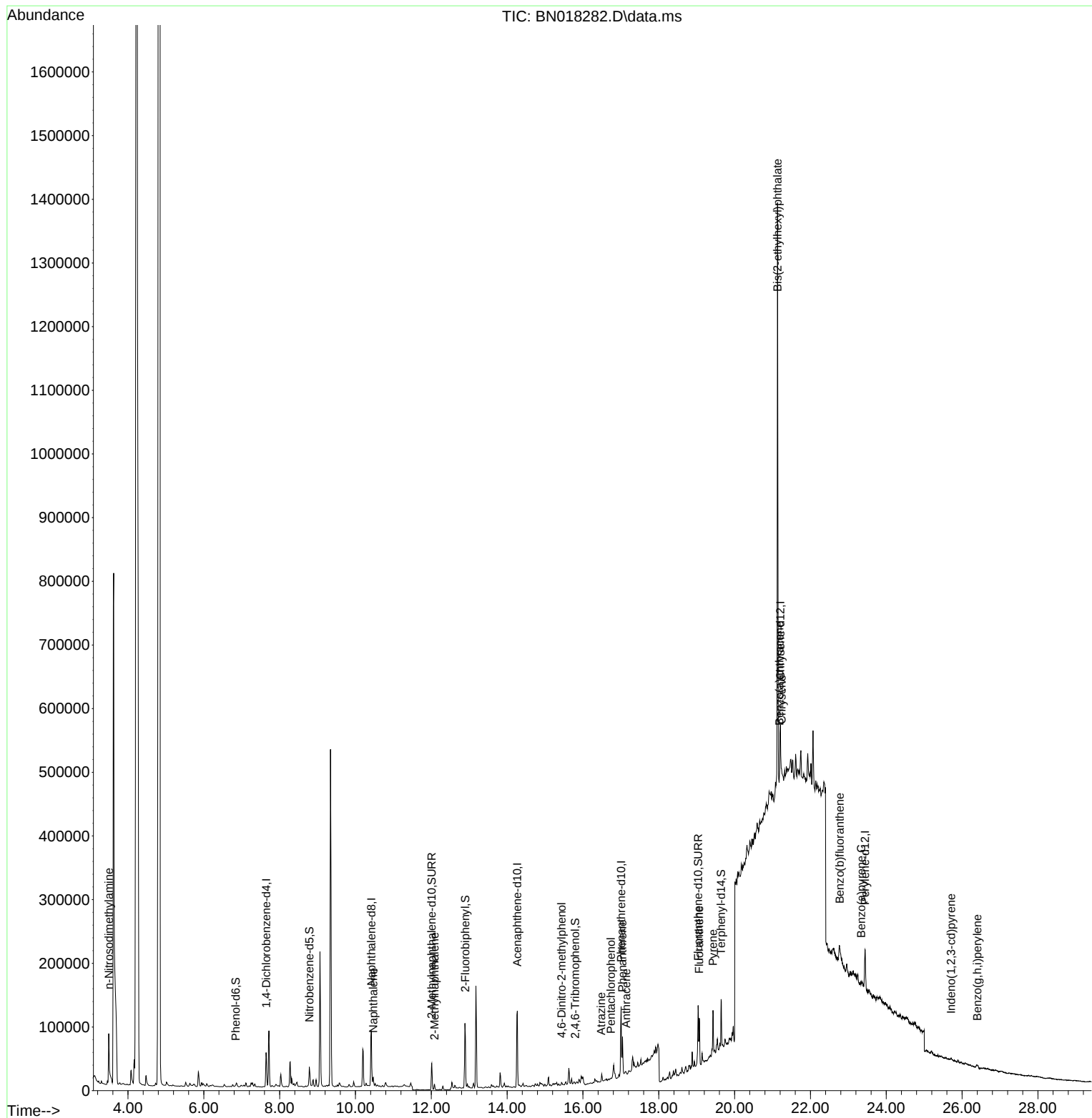
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	29924	0.400	ng	0.00
7) Naphthalene-d8	10.419	136	125504	0.400	ng	0.00
13) Acenaphthene-d10	14.269	164	80543	0.400	ng	0.00
19) Phenanthrene-d10	17.005	188	153344	0.400	ng	0.00
29) Chrysene-d12	21.206	240	84712	0.400	ng	# 0.01
35) Perylene-d12	23.440	264	91060	0.400	ng	# 0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.273	112	104	0.002	ng	0.03
5) Phenol-d6	6.840	99	1916	0.033	ng	0.00
8) Nitrobenzene-d5	8.784	82	26711	0.424	ng	0.00
11) 2-Methylnaphthalene-d10	12.012	152	59471	0.282	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	228	0.310	ng	0.03
15) 2-Fluorobiphenyl	12.898	172	90371	0.296	ng	0.00
27) Fluoranthene-d10	19.038	212	116300	0.238	ng	0.00
31) Terphenyl-d14	19.644	244	83689	0.389	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.493	42	25589	1.041	ng	# 1
9) Naphthalene	10.470	128	17408	0.056	ng	97
12) 2-Methylnaphthalene	12.083	142	6364	0.032	ng	95
20) 4,6-Dinitro-2-methylph...	15.436	198	71	0.226	ng	# 1
23) Atrazine	16.482	200	943	0.147	ng	# 1
24) Pentachlorophenol	16.738	266	394	0.205	ng	# 19
25) Phenanthrene	17.042	178	62802	0.155	ng	# 89
26) Anthracene	17.139	178	4099	0.054	ng	# 82
28) Fluoranthene	19.068	202	68774	0.145	ng	98
30) Pyrene	19.430	202	69378	0.209	ng	98
32) Benzo(a)anthracene	21.185	228	15452	0.113	ng	# 1
33) Chrysene	21.238	228	26515	0.097	ng	# 21
34) Bis(2-ethylhexyl)phtha...	21.132	149	817081	7.727	ng	# 98
36) Indeno(1,2,3-cd)pyrene	25.713	276	6398	0.029	ng	# 77
37) Benzo(b)fluoranthene	22.772	252	28128	0.097	ng	# 1
39) Benzo(a)pyrene	23.341	252	7163	0.028	ng	# 1
41) Benzo(g,h,i)perylene	26.404	276	9671	0.045	ng	# 1

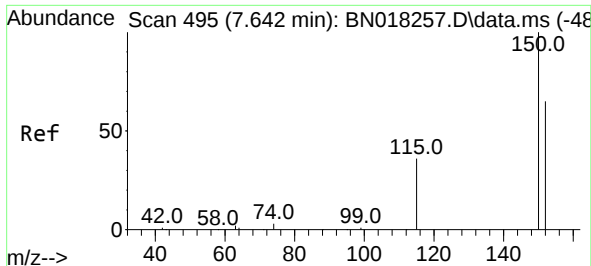
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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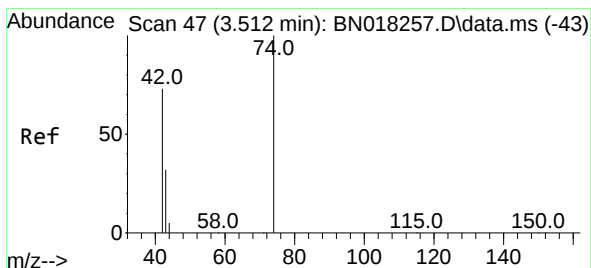
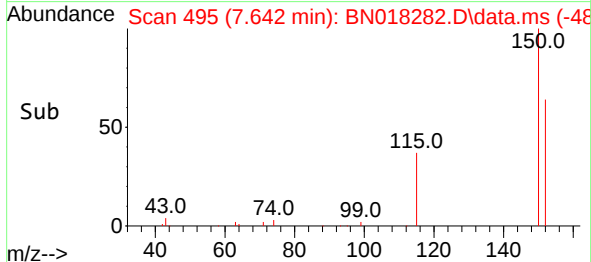
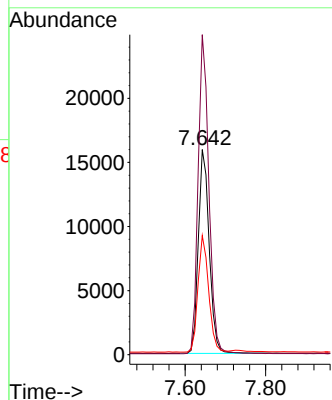
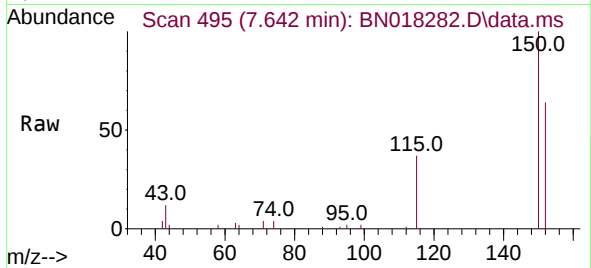




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.642 min Scan# 49
Delta R.T. 0.000 min
Lab File: BN018282.D
Acq: 30 Dec 2021 05:02

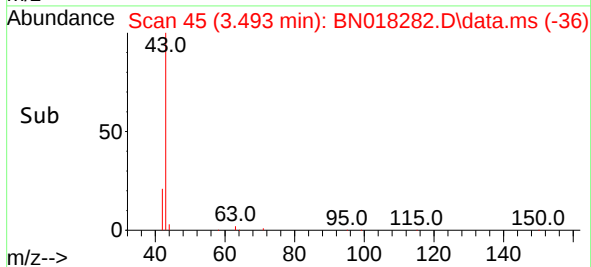
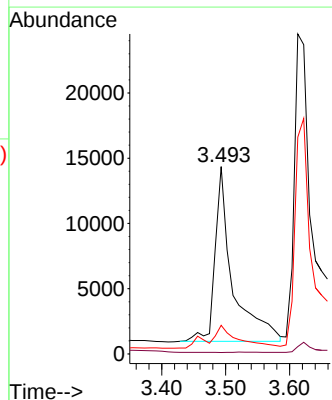
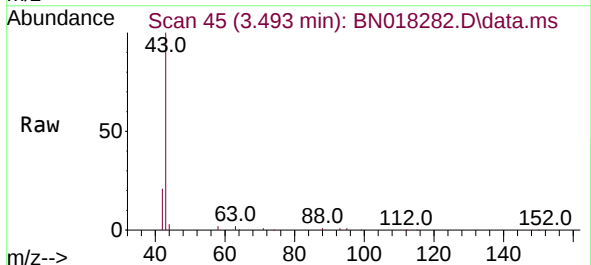
Instrument :
BNA_N
ClientSampleId :
OB-CS-10

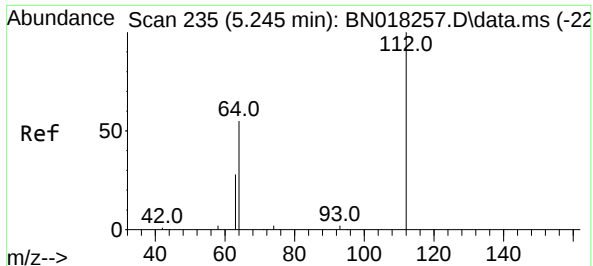
Tgt Ion:152 Resp: 29924
Ion Ratio Lower Upper
152 100
150 156.0 121.7 182.5
115 58.0 43.8 65.8



#3
n-Nitrosodimethylamine
Concen: 1.041 ng
RT: 3.493 min Scan# 45
Delta R.T. -0.019 min
Lab File: BN018282.D
Acq: 30 Dec 2021 05:02

Tgt Ion: 42 Resp: 25589
Ion Ratio Lower Upper
42 100
74 0.0 108.6 163.0#
44 14.4 5.8 8.8#

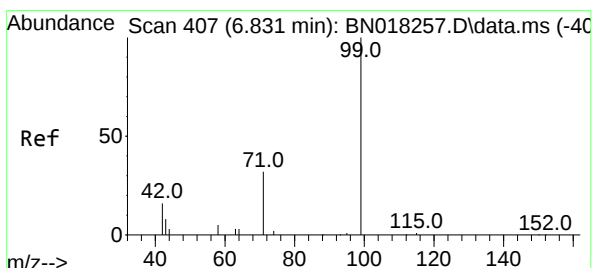
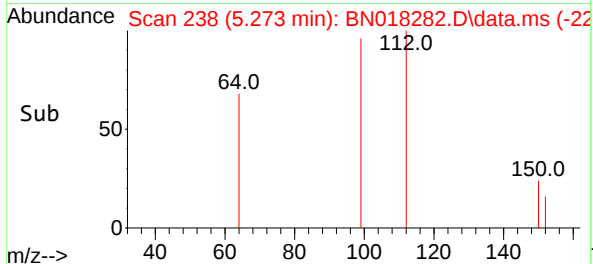
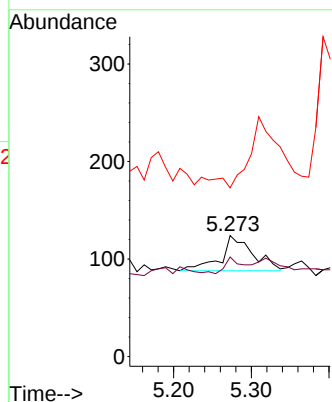
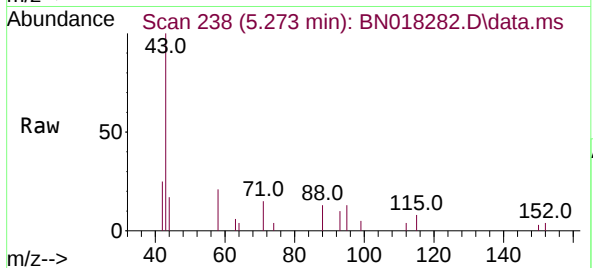




#4
2-Fluorophenol
Concen: 0.002 ng
RT: 5.273 min Scan# 21
Delta R.T. 0.028 min
Lab File: BN018282.D
Acq: 30 Dec 2021 05:02

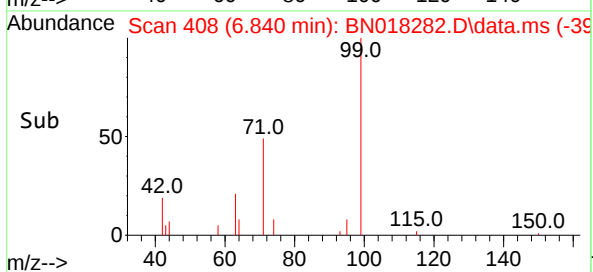
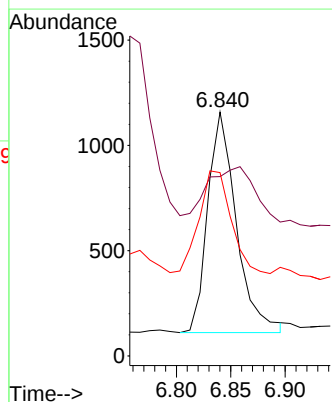
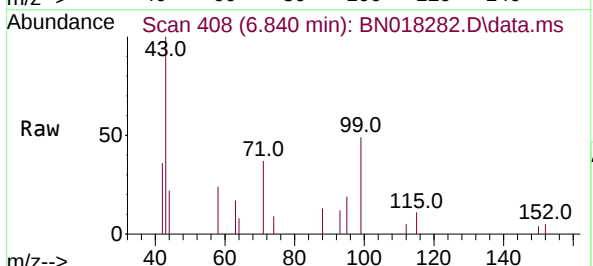
Instrument :
BNA_N
ClientSampleId :
OB-CS-10

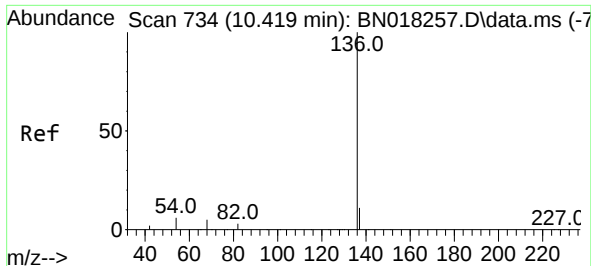
Tgt Ion:112 Resp: 104
Ion Ratio Lower Upper
112 100
64 22.1 48.0 72.0#
63 0.0 25.3 37.9#



#5
Phenol-d6
Concen: 0.033 ng
RT: 6.840 min Scan# 408
Delta R.T. 0.009 min
Lab File: BN018282.D
Acq: 30 Dec 2021 05:02

Tgt Ion: 99 Resp: 1916
Ion Ratio Lower Upper
99 100
42 0.0 16.3 24.5#
71 52.0 26.8 40.2#

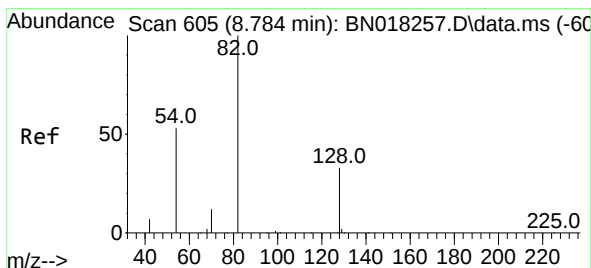
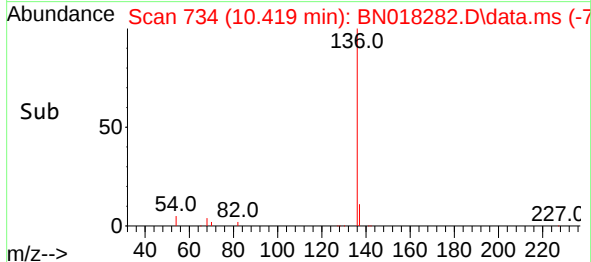
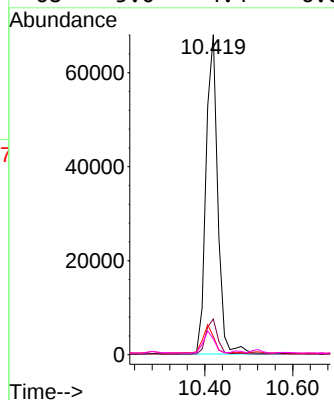
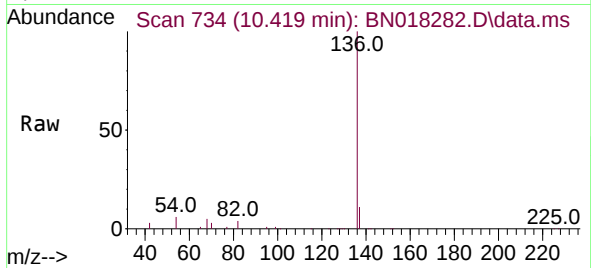




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.419 min Scan# 734
Delta R.T. 0.000 min
Lab File: BN018282.D
Acq: 30 Dec 2021 05:02

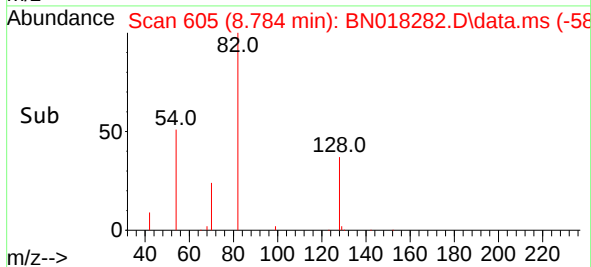
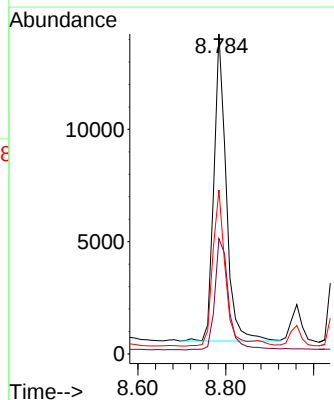
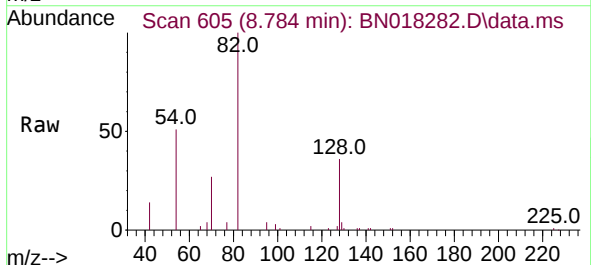
Instrument :
BNA_N
ClientSampleId :
OB-CS-10

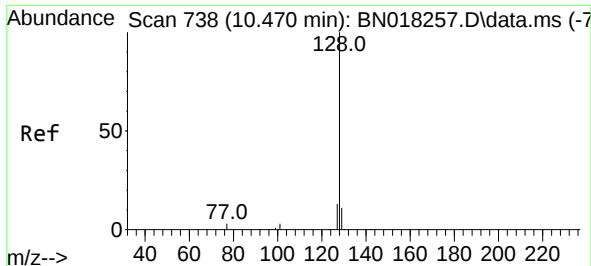
Tgt Ion:136	Resp:	125504
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.8 13.2
54	5.7	5.0 7.6
68	5.0	4.4 6.6



#8
Nitrobenzene-d5
Concen: 0.424 ng
RT: 8.784 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN018282.D
Acq: 30 Dec 2021 05:02

Tgt Ion: 82	Resp:	26711
Ion Ratio	Lower	Upper
82	100	
128	36.1	33.7 50.5
54	51.3	36.6 55.0

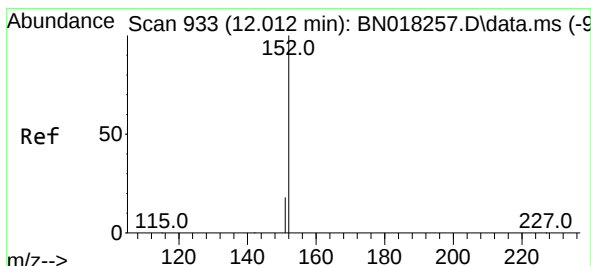
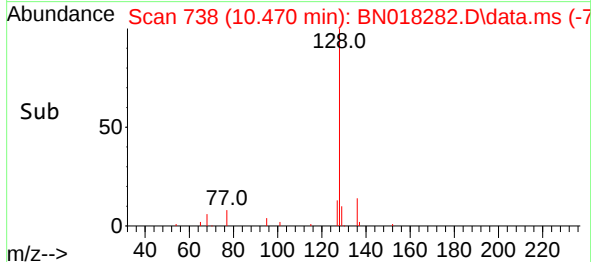
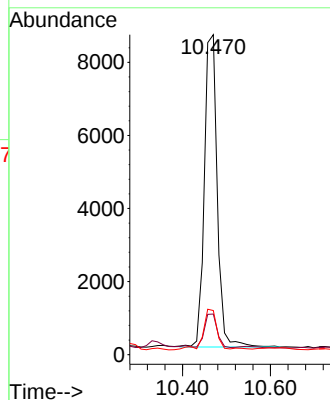
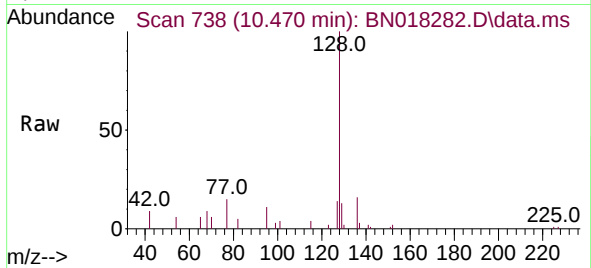




#9
Naphthalene
Concen: 0.056 ng
RT: 10.470 min Scan# 738
Delta R.T. -0.000 min
Lab File: BN018282.D
Acq: 30 Dec 2021 05:02

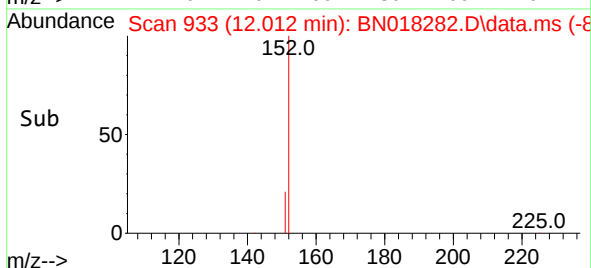
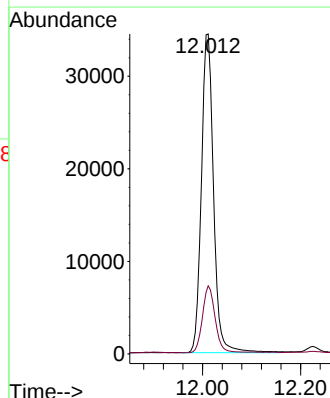
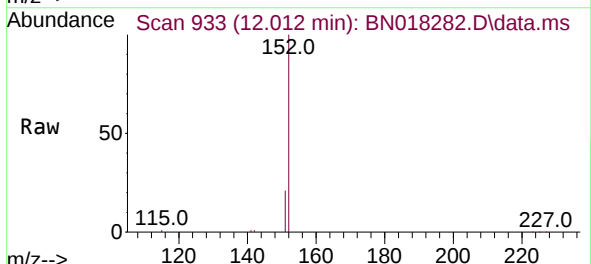
Instrument :
BNA_N
ClientSampleId :
OB-CS-10

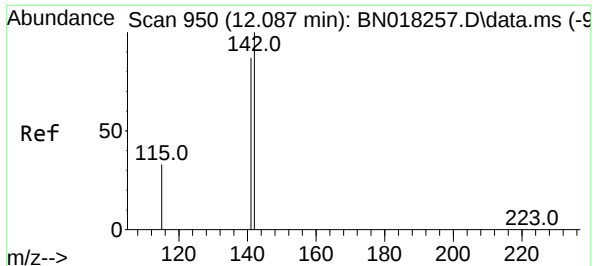
Tgt Ion:128 Resp: 17408
Ion Ratio Lower Upper
128 100
129 12.7 8.7 13.1
127 13.8 10.4 15.6



#11
2-Methylnaphthalene-d10
Concen: 0.282 ng
RT: 12.012 min Scan# 933
Delta R.T. -0.000 min
Lab File: BN018282.D
Acq: 30 Dec 2021 05:02

Tgt Ion:152 Resp: 59471
Ion Ratio Lower Upper
152 100
151 21.8 16.2 24.2





#12

2-Methylnaphthalene

Concen: 0.032 ng

RT: 12.083 min Scan# 949

Delta R.T. -0.005 min

Lab File: BN018282.D

Acq: 30 Dec 2021 05:02

Instrument :

BNA_N

ClientSampleId :

OB-CS-10

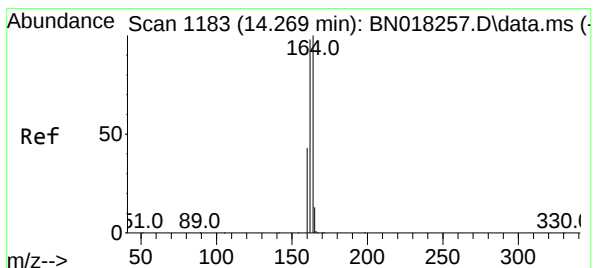
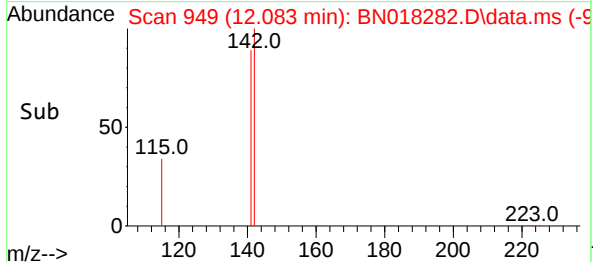
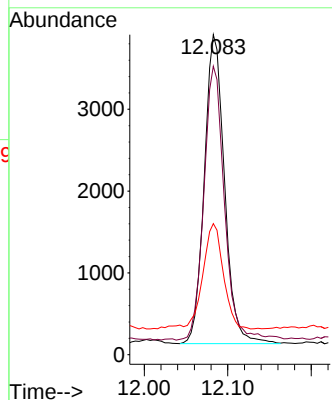
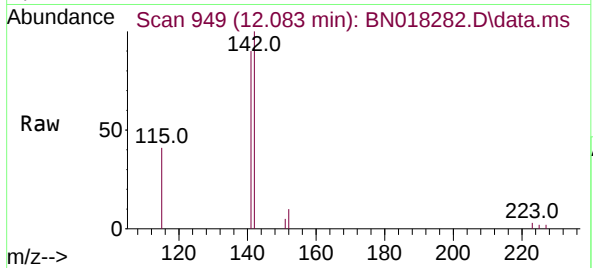
Tgt Ion:142 Resp: 6364

Ion Ratio Lower Upper

142 100

141 90.2 70.0 105.0

115 41.0 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: BN018282.D

Acq: 30 Dec 2021 05:02

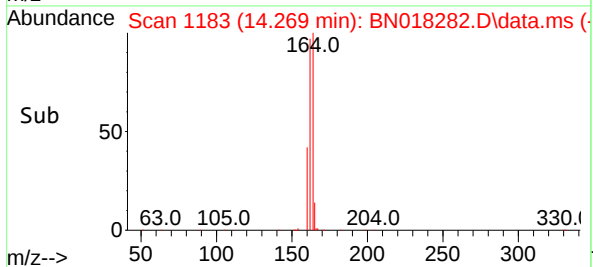
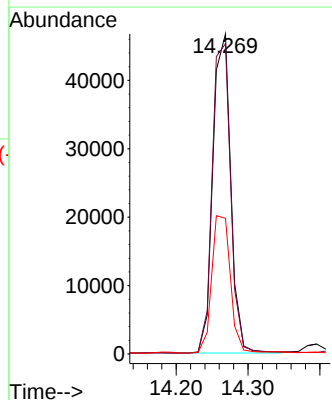
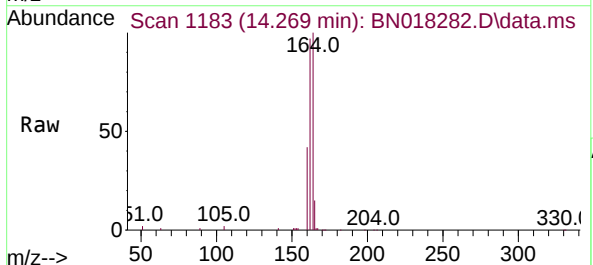
Tgt Ion:164 Resp: 80543

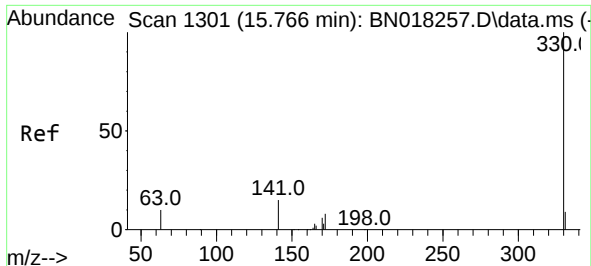
Ion Ratio Lower Upper

164 100

162 97.0 80.2 120.2

160 42.4 36.9 55.3

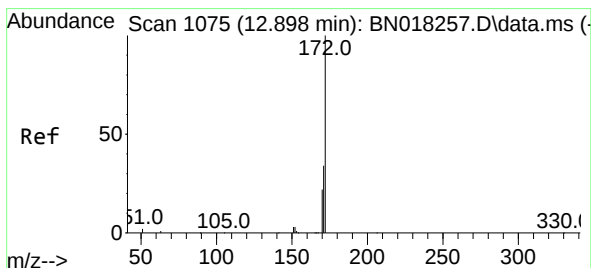
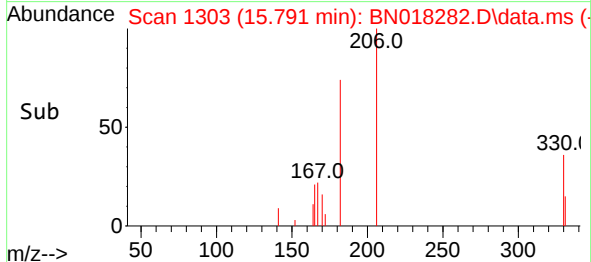
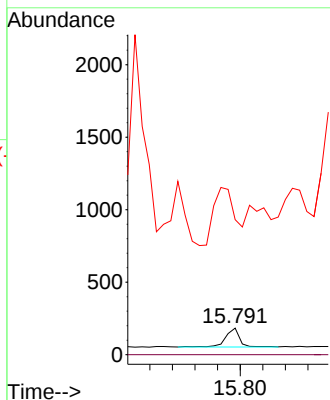
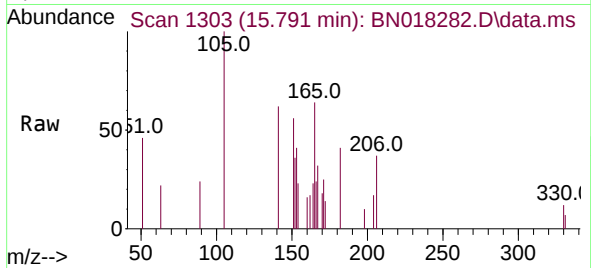




#14
2,4,6-Tribromophenol
Concen: 0.310 ng
RT: 15.791 min Scan# 11
Delta R.T. 0.025 min
Lab File: BN018282.D
Acq: 30 Dec 2021 05:02

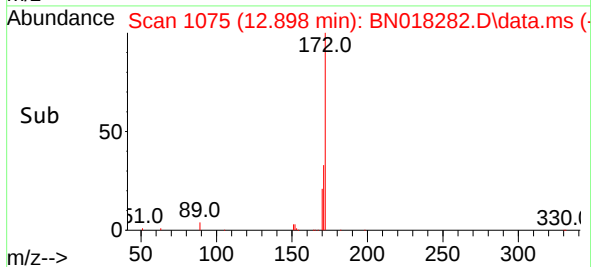
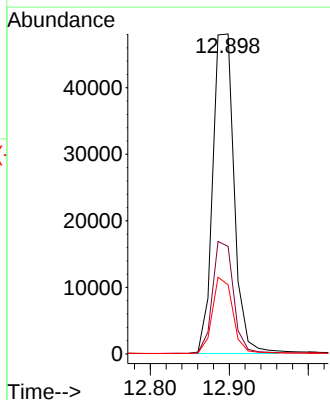
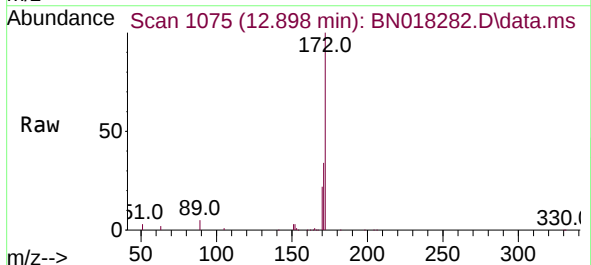
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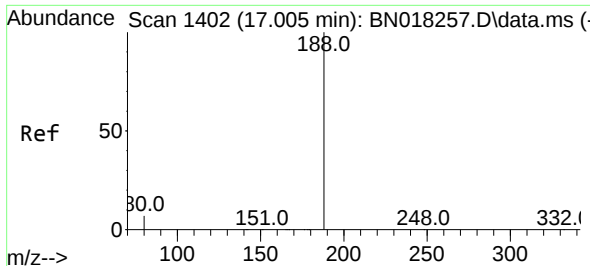
Tgt Ion:330 Resp: 228
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 0.0 21.3 31.9#



#15
2-Fluorobiphenyl
Concen: 0.296 ng
RT: 12.898 min Scan# 1075
Delta R.T. -0.000 min
Lab File: BN018282.D
Acq: 30 Dec 2021 05:02

Tgt Ion:172 Resp: 90371
Ion Ratio Lower Upper
172 100
171 33.6 27.4 41.0
170 21.6 18.4 27.6

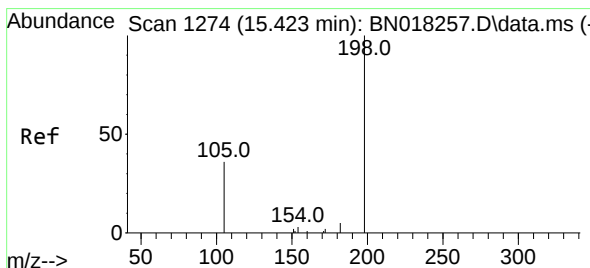
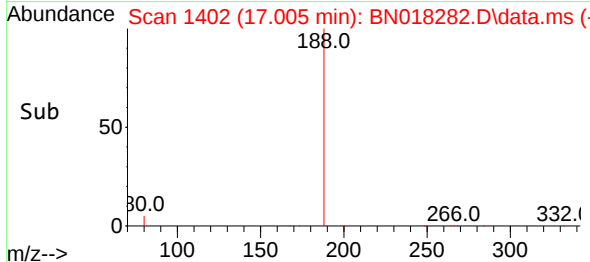
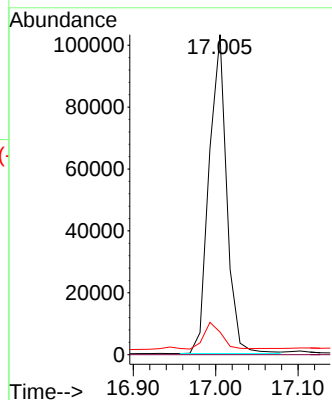
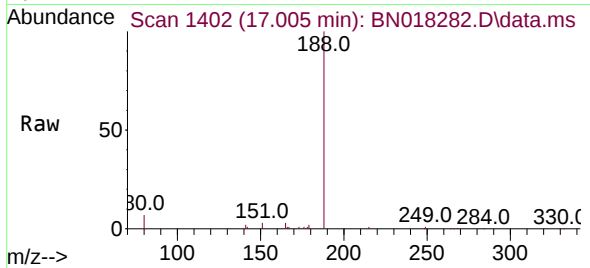




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.005 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BN018282.D
Acq: 30 Dec 2021 05:02

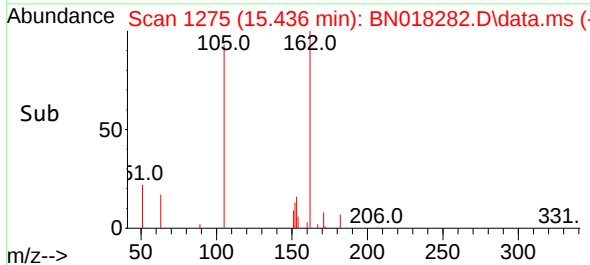
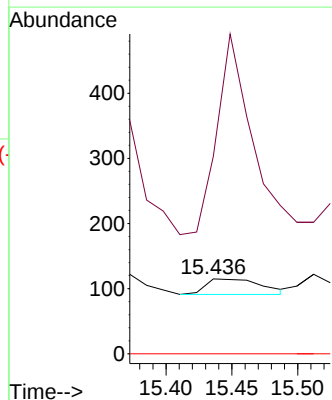
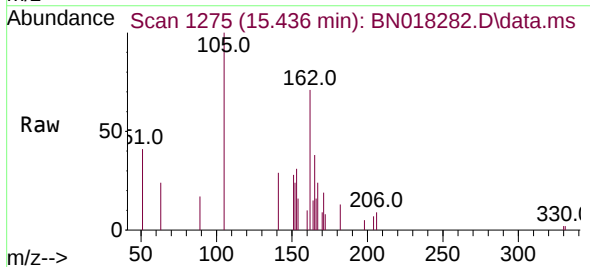
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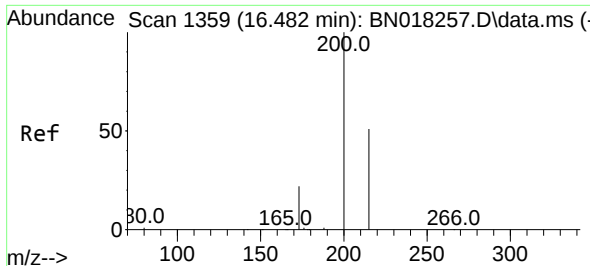
Tgt Ion:188 Resp: 153344
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.1 7.0 10.4



#20
4,6-Dinitro-2-methylphenol
Concen: 0.226 ng
RT: 15.436 min Scan# 1275
Delta R.T. 0.013 min
Lab File: BN018282.D
Acq: 30 Dec 2021 05:02

Tgt Ion:198 Resp: 71
Ion Ratio Lower Upper
198 100
182 263.5 15.5 23.3#
77 0.0 0.0 0.0

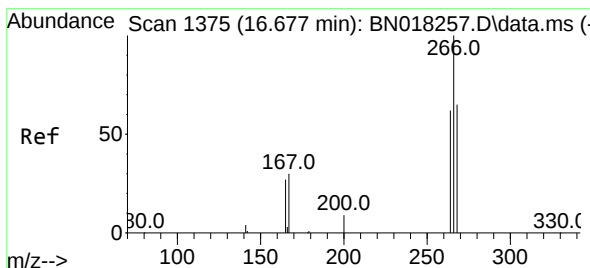
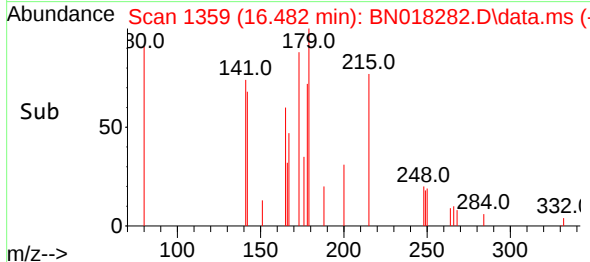
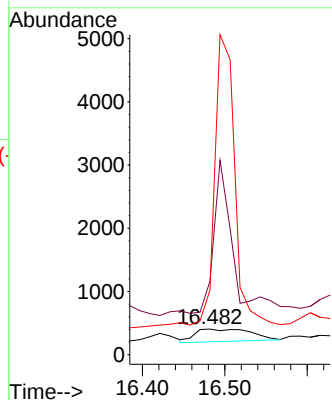
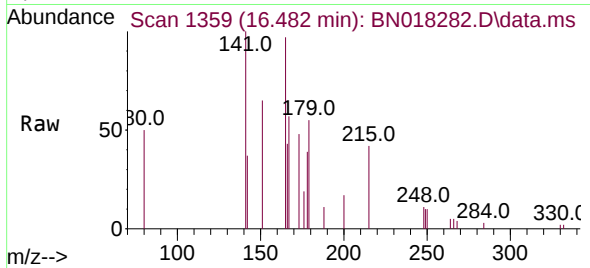




#23
 Atrazine
 Concen: 0.147 ng
 RT: 16.482 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BN018282.D
 Acq: 30 Dec 2021 05:02

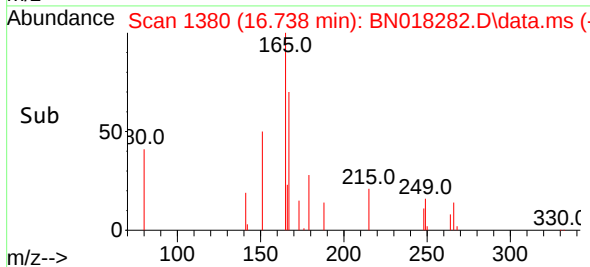
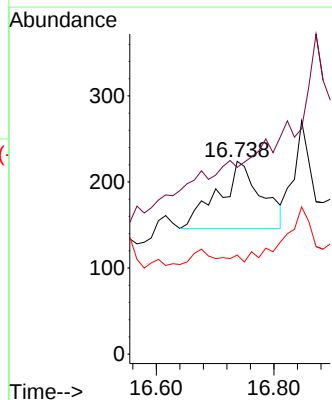
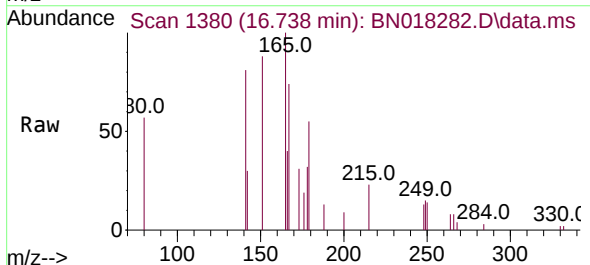
Instrument :
 BNA_N
 ClientSampleId :
 OB-CS-10

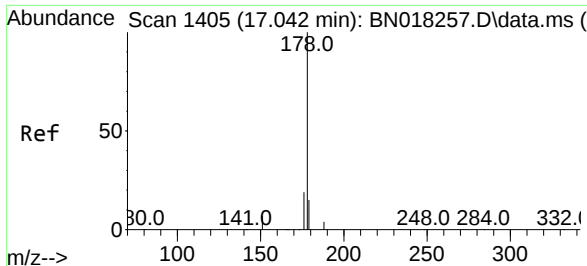
Tgt Ion:200 Resp: 943
 Ion Ratio Lower Upper
 200 100
 173 286.7 20.3 30.5#
 215 251.5 40.4 60.6#



#24
 Pentachlorophenol
 Concen: 0.205 ng
 RT: 16.738 min Scan# 1380
 Delta R.T. 0.061 min
 Lab File: BN018282.D
 Acq: 30 Dec 2021 05:02

Tgt Ion:266 Resp: 394
 Ion Ratio Lower Upper
 266 100
 264 0.0 49.5 74.3#
 268 0.0 50.6 76.0#

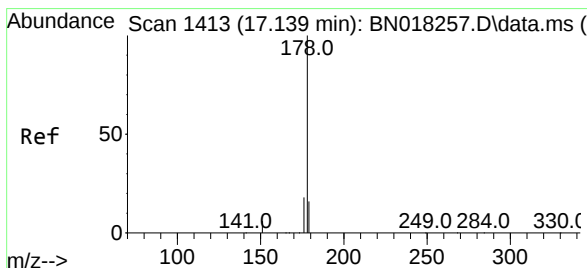
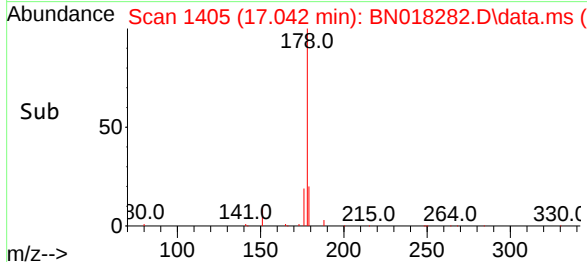
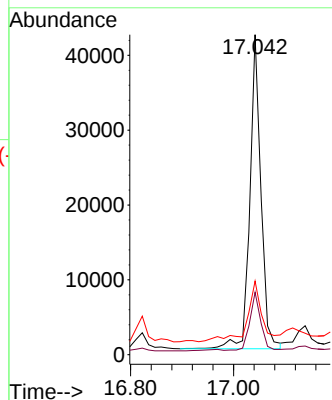
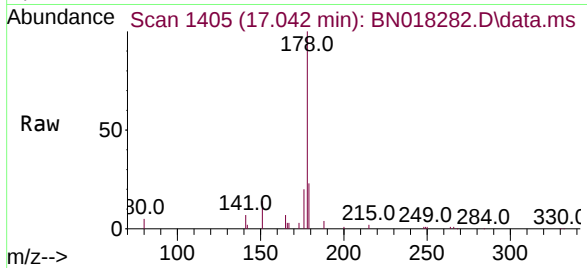




#25
Phenanthrene
Concen: 0.155 ng
RT: 17.042 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BN018282.D
Acq: 30 Dec 2021 05:02

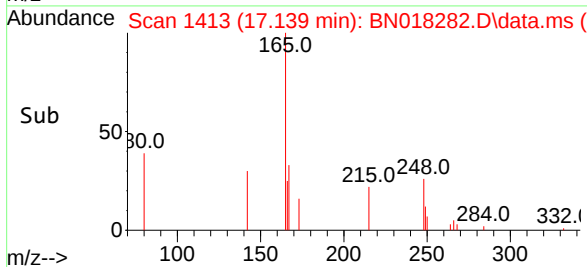
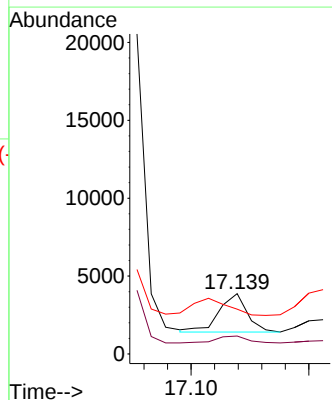
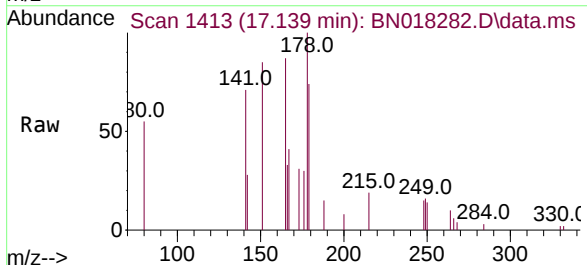
Instrument :
BNA_N
ClientSampleId :
OB-CS-10

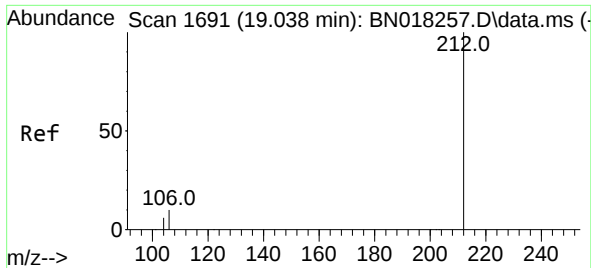
Tgt Ion:178 Resp: 62802
Ion Ratio Lower Upper
178 100
176 18.1 15.3 22.9
179 25.0 12.3 18.5#



#26
Anthracene
Concen: 0.054 ng
RT: 17.139 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BN018282.D
Acq: 30 Dec 2021 05:02

Tgt Ion:178 Resp: 4099
Ion Ratio Lower Upper
178 100
176 20.0 14.8 22.2
179 0.0 12.2 18.4#

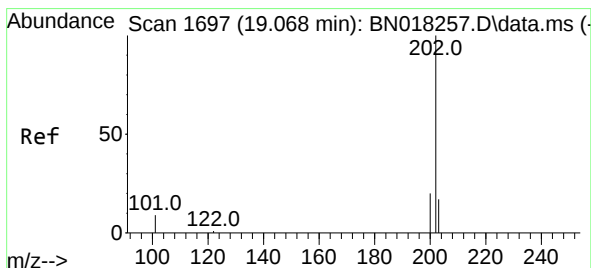
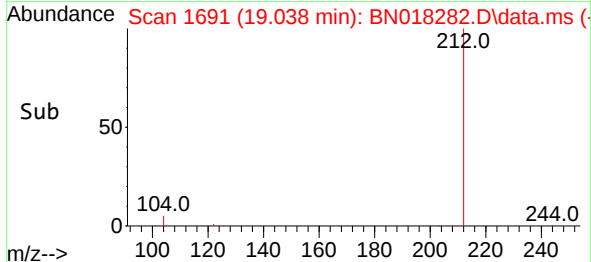
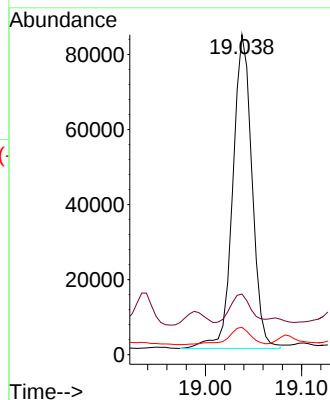
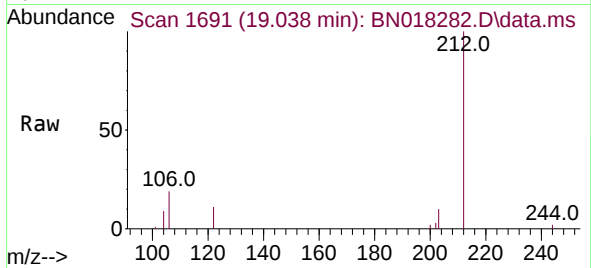




#27
Fluoranthene-d10
Concen: 0.238 ng
RT: 19.038 min Scan# 1691
Delta R.T. -0.000 min
Lab File: BN018282.D
Acq: 30 Dec 2021 05:02

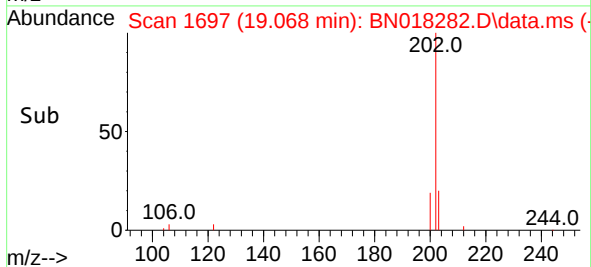
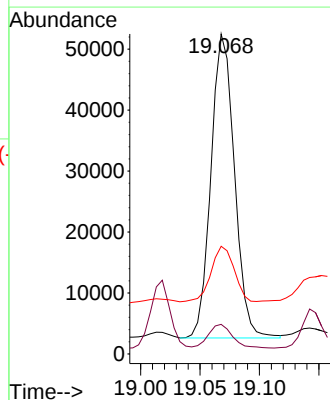
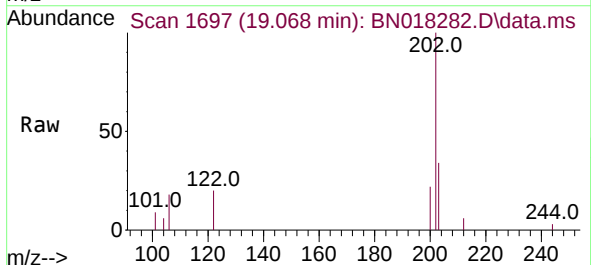
Instrument :
BNA_N
ClientSampleId :
OB-CS-10

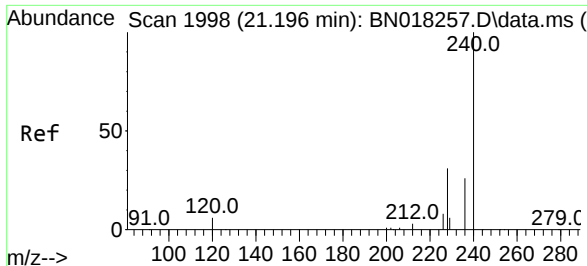
Tgt Ion:212 Resp: 116300
Ion Ratio Lower Upper
212 100
106 9.5 8.4 12.6
104 6.3 4.5 6.7



#28
Fluoranthene
Concen: 0.145 ng
RT: 19.068 min Scan# 1697
Delta R.T. -0.000 min
Lab File: BN018282.D
Acq: 30 Dec 2021 05:02

Tgt Ion:202 Resp: 68774
Ion Ratio Lower Upper
202 100
101 7.8 7.2 10.8
203 17.8 13.7 20.5

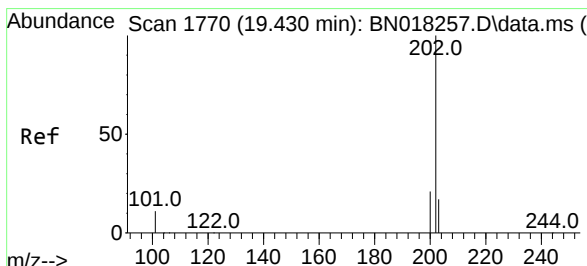
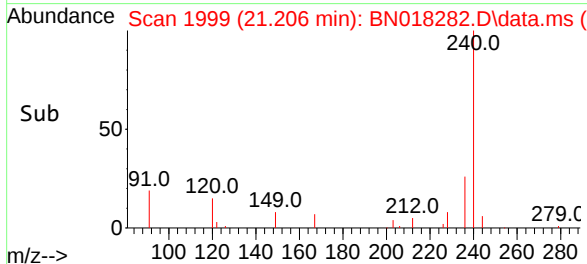
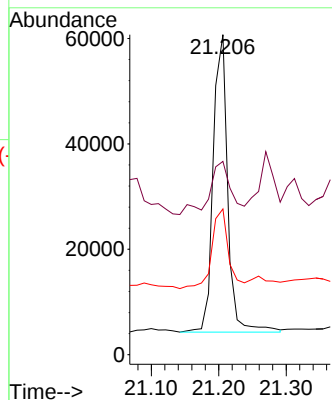
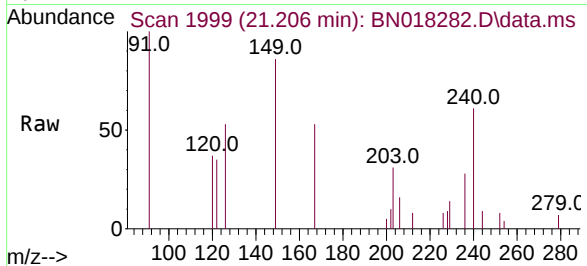




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.206 min Scan# 1999
Delta R.T. 0.010 min
Lab File: BN018282.D
Acq: 30 Dec 2021 05:02

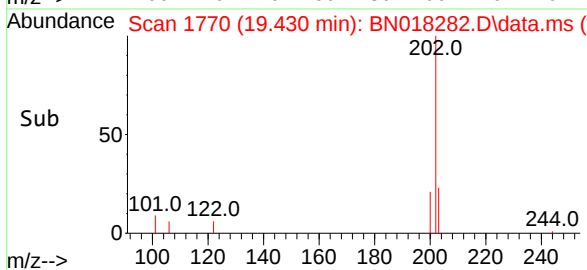
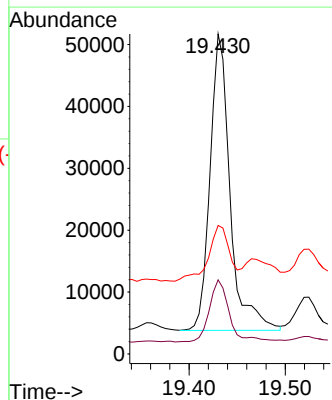
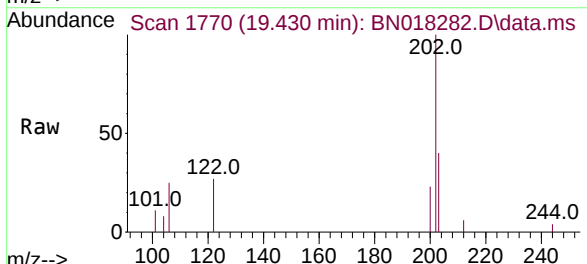
Instrument :
BNA_N
ClientSampleId :
OB-CS-10

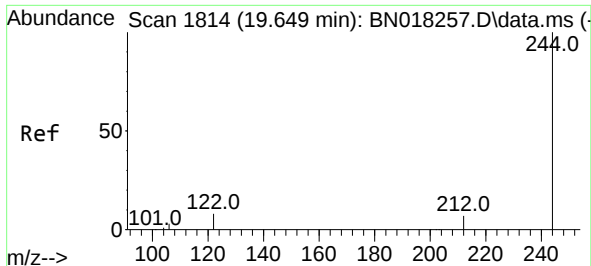
Tgt Ion:240 Resp: 84712
Ion Ratio Lower Upper
240 100
120 60.4 6.0 9.0#
236 45.5 21.4 32.2#



#30
Pyrene
Concen: 0.209 ng
RT: 19.430 min Scan# 1770
Delta R.T. -0.000 min
Lab File: BN018282.D
Acq: 30 Dec 2021 05:02

Tgt Ion:202 Resp: 69378
Ion Ratio Lower Upper
202 100
200 20.6 16.6 25.0
203 19.3 14.1 21.1

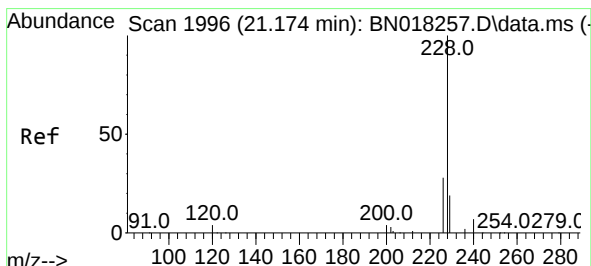
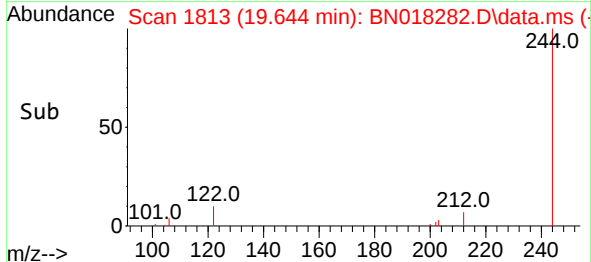
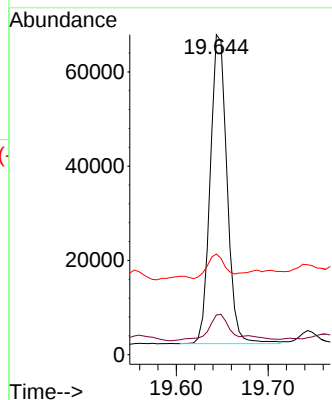
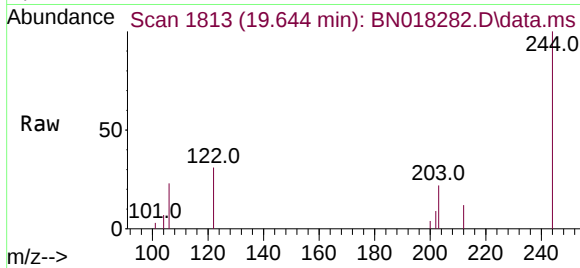




#31
 Terphenyl-d14
 Concen: 0.389 ng
 RT: 19.644 min Scan# 11
 Delta R.T. -0.005 min
 Lab File: BN018282.D
 Acq: 30 Dec 2021 05:02

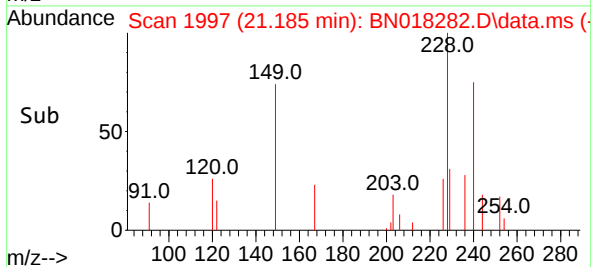
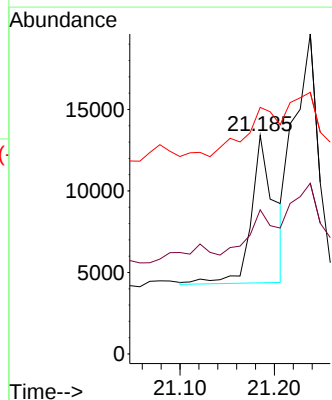
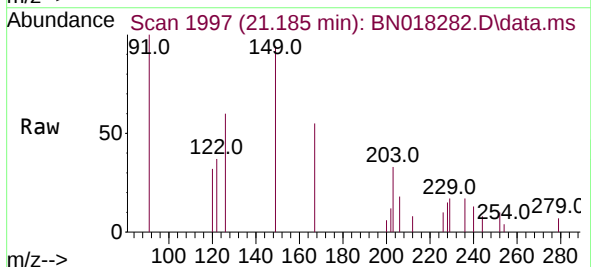
Instrument :
 BNA_N
 ClientSampleId :
 OB-CS-10

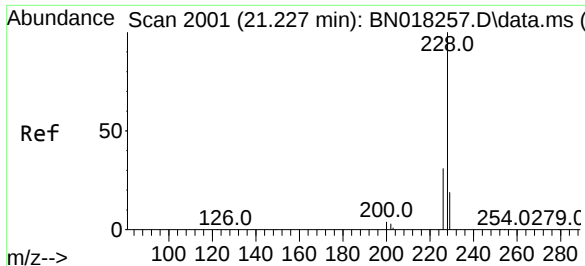
Tgt Ion:244 Resp: 83689
 Ion Ratio Lower Upper
 244 100
 212 12.4 6.2 9.2#
 122 31.4 7.9 11.9#



#32
 Benzo(a)anthracene
 Concen: 0.113 ng
 RT: 21.185 min Scan# 1997
 Delta R.T. 0.011 min
 Lab File: BN018282.D
 Acq: 30 Dec 2021 05:02

Tgt Ion:228 Resp: 15452
 Ion Ratio Lower Upper
 228 100
 226 66.0 21.3 31.9#
 229 112.8 15.9 23.9#





#33

Chrysene

Concen: 0.097 ng

RT: 21.238 min Scan# 2001

Delta R.T. 0.011 min

Lab File: BN018282.D

Acq: 30 Dec 2021 05:02

Instrument :

BNA_N

ClientSampleId :

OB-CS-10

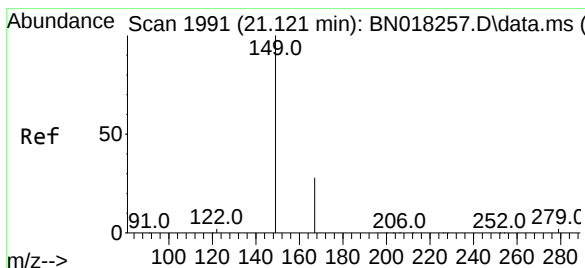
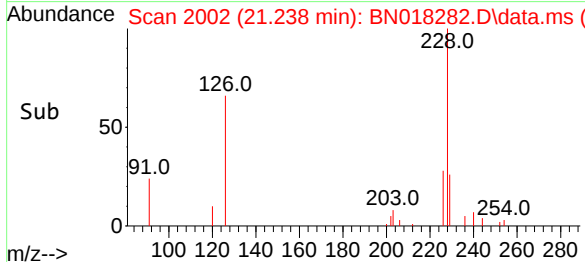
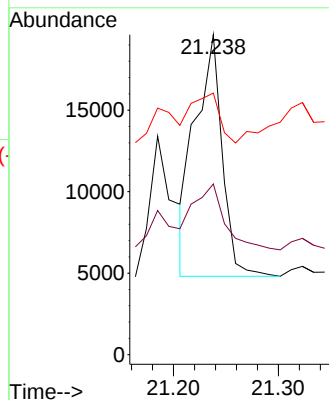
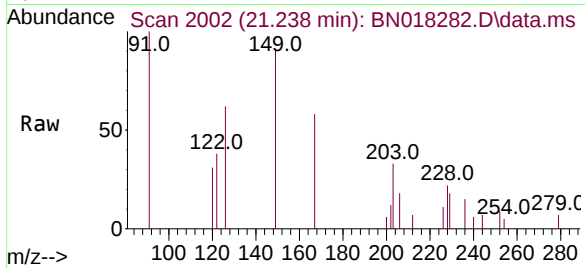
Tgt Ion:228 Resp: 26515

Ion Ratio Lower Upper

228 100

226 53.3 24.2 36.4#

229 81.7 15.5 23.3#



#34

Bis(2-ethylhexyl)phthalate

Concen: 7.727 ng

RT: 21.132 min Scan# 1992

Delta R.T. 0.011 min

Lab File: BN018282.D

Acq: 30 Dec 2021 05:02

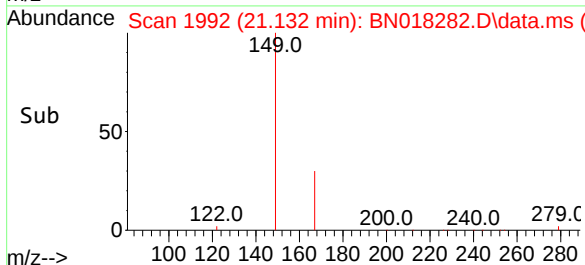
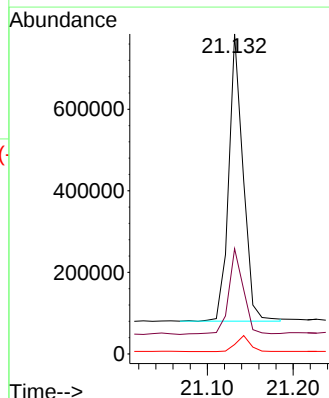
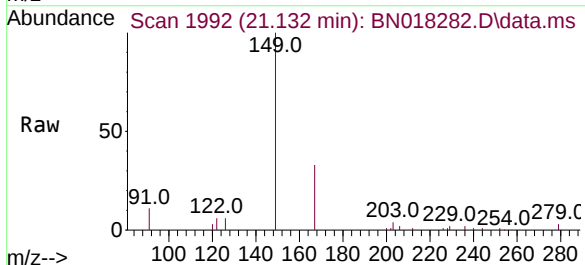
Tgt Ion:149 Resp: 817081

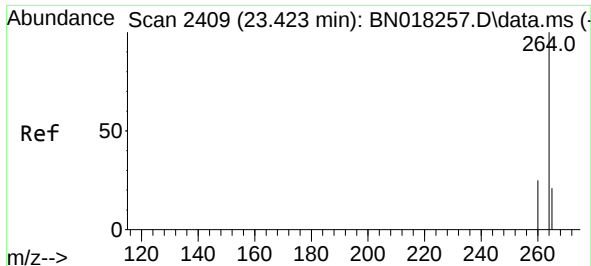
Ion Ratio Lower Upper

149 100

167 30.8 23.7 35.5

279 5.5 3.6 5.4#

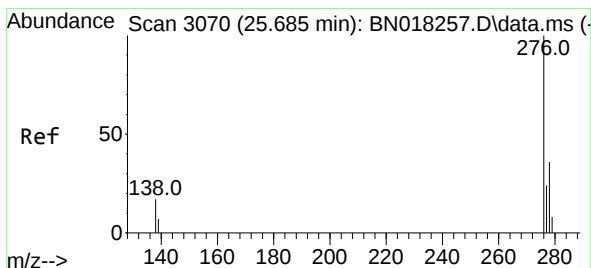
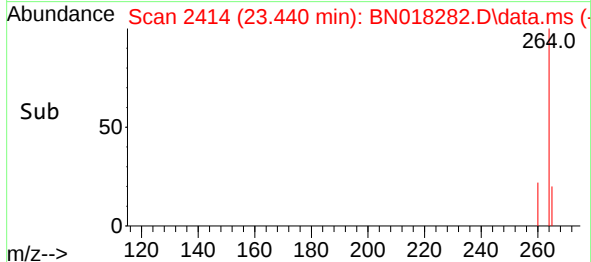
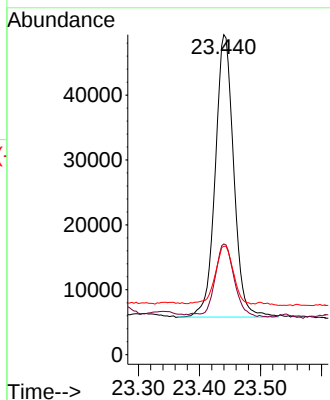
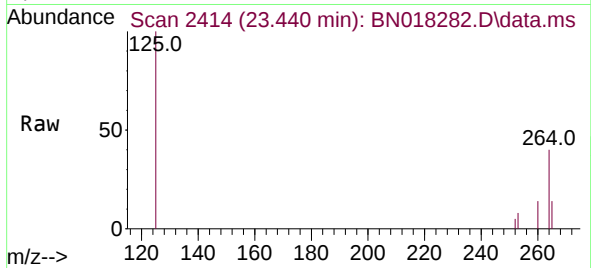




#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.440 min Scan# 2414
 Delta R.T. 0.017 min
 Lab File: BN018282.D
 Acq: 30 Dec 2021 05:02

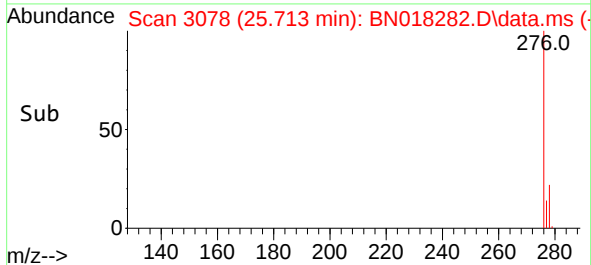
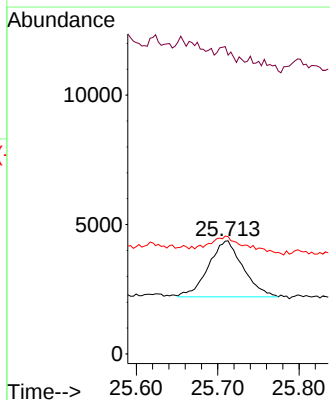
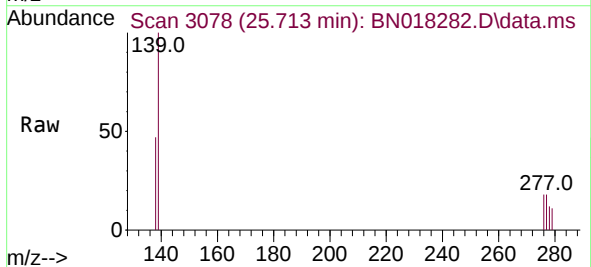
Instrument :
 BNA_N
 ClientSampleId :
 OB-CS-10

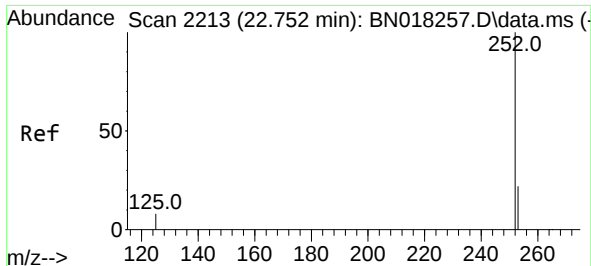
Tgt Ion:264 Resp: 91060
 Ion Ratio Lower Upper
 264 100
 260 34.6 20.2 30.4#
 265 33.9 18.2 27.2#



#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.029 ng
 RT: 25.713 min Scan# 3078
 Delta R.T. 0.027 min
 Lab File: BN018282.D
 Acq: 30 Dec 2021 05:02

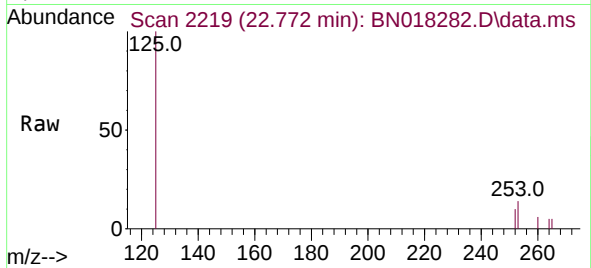
Tgt Ion:276 Resp: 6398
 Ion Ratio Lower Upper
 276 100
 138 8.6 14.9 22.3#
 277 36.9 19.9 29.9#



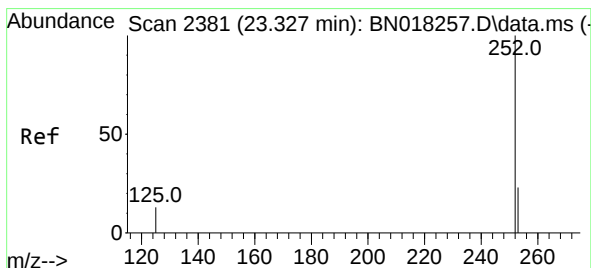
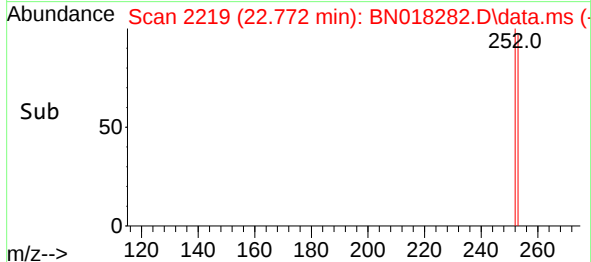
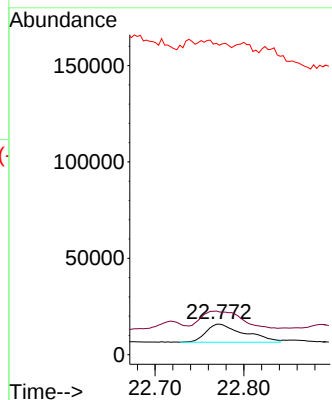


#37
Benzo(b)fluoranthene
Concen: 0.097 ng
RT: 22.772 min Scan# 21
Delta R.T. 0.020 min
Lab File: BN018282.D
Acq: 30 Dec 2021 05:02

Instrument :
BNA_N
ClientSampleId :
OB-CS-10

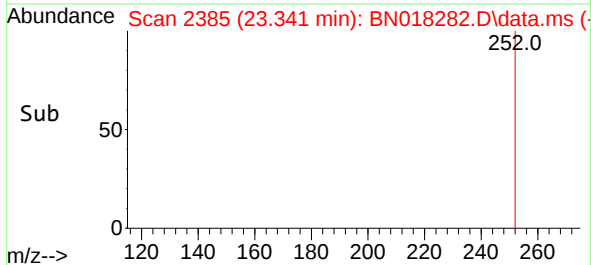
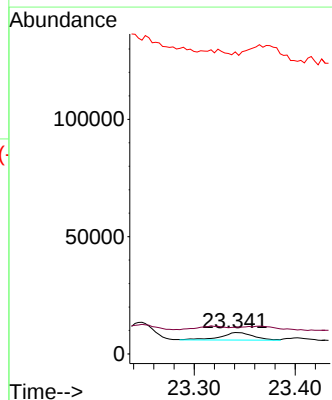
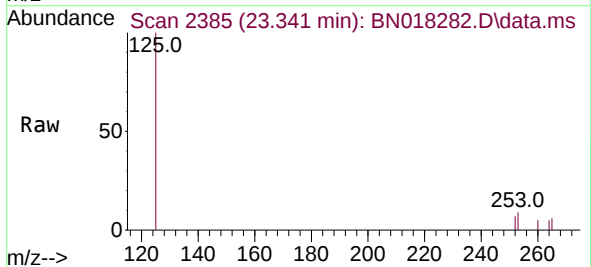


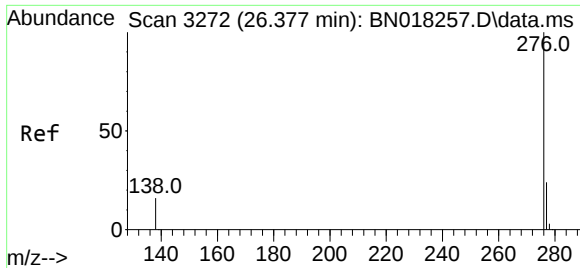
Tgt Ion:252 Resp: 28128
Ion Ratio Lower Upper
252 100
253 140.1 17.8 26.6#
125 1014.5 6.0 9.0#



#39
Benzo(a)pyrene
Concen: 0.028 ng
RT: 23.341 min Scan# 2385
Delta R.T. 0.014 min
Lab File: BN018282.D
Acq: 30 Dec 2021 05:02

Tgt Ion:252 Resp: 7163
Ion Ratio Lower Upper
252 100
253 124.4 17.8 26.6#
125 1410.3 7.0 10.4#





#41
 Benzo(g,h,i)perylene
 Concen: 0.045 ng
 RT: 26.404 min Scan# 31
 Delta R.T. 0.027 min
 Lab File: BN018282.D
 Acq: 30 Dec 2021 05:02

Instrument :
 BNA_N
 ClientSampleId :
 OB-CS-10

Tgt Ion:276 Resp: 9671
 Ion Ratio Lower Upper
 276 100
 277 83.7 19.0 28.6#
 138 185.3 12.6 19.0#

