

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
 Data File : BN017938.D
 Acq On : 12 Dec 2021 13:41
 Operator : CG/JU
 Sample : M4957-08
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE125D3-20211206

Quant Time: Dec 13 00:39:58 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 11 00:01:30 2021
 Response via : Initial Calibration

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

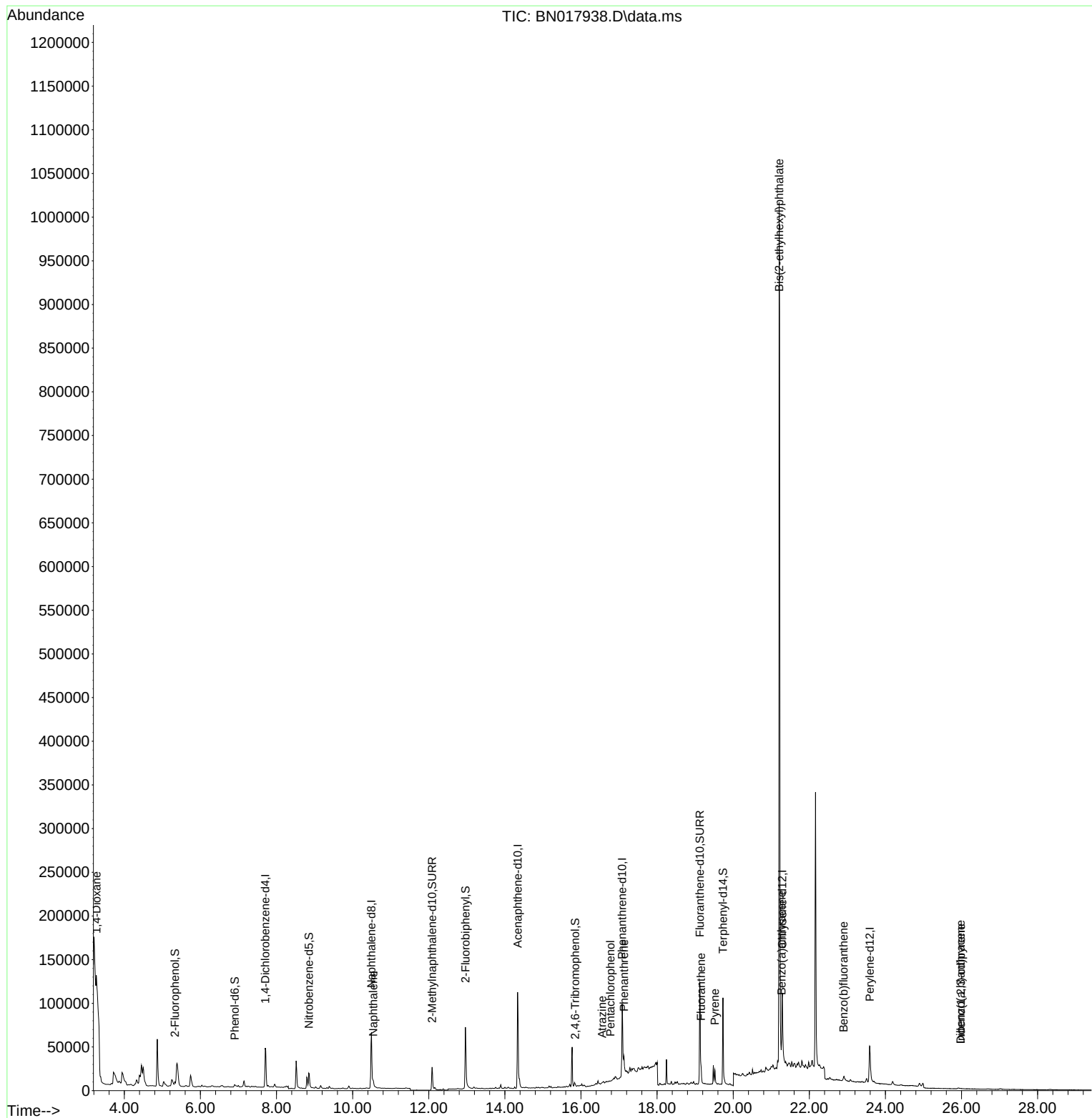
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.705	152	27179	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	107128	0.400	ng	0.00
13) Acenaphthene-d10	14.335	164	74160	0.400	ng	0.00
19) Phenanthrene-d10	17.080	188	144389	0.400	ng	#-0.01
29) Chrysene-d12	21.293	240	105374	0.400	ng	# 0.00
35) Perylene-d12	23.586	264	78938	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.327	112	5571	0.099	ng	0.00
5) Phenol-d6	6.903	99	3013	0.054	ng	0.00
8) Nitrobenzene-d5	8.846	82	18767	0.268	ng	-0.01
11) 2-Methylnaphthalene-d10	12.085	152	47359	0.251	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	3375	0.416	ng	0.00
15) 2-Fluorobiphenyl	12.964	172	74065	0.284	ng	0.00
27) Fluoranthene-d10	19.124	212	157131	0.336	ng	0.00
31) Terphenyl-d14	19.730	244	121737	0.469	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.270	88	33800	4.098	ng	93
9) Naphthalene	10.545	128	8668	0.033	ng	# 95
20) 4,6-Dinitro-2-methylph...	15.464	198	16	Below Cal	#	15
23) Atrazine	16.557	200	217	0.094	ng	# 12
24) Pentachlorophenol	16.776	266	74	0.117	ng	# 36
25) Phenanthrene	17.129	178	23636	0.064	ng	# 88
28) Fluoranthene	19.154	202	14682	0.032	ng	98
30) Pyrene	19.516	202	16822	0.041	ng	# 92
32) Benzo(a)anthracene	21.272	228	5505	0.066	ng	# 54
34) Bis(2-ethylhexyl)phtha...	21.208	149	1060371	9.373	ng	98
36) Indeno(1,2,3-cd)pyrene	25.982	276	870	0.094	ng	# 54
37) Benzo(b)fluoranthene	22.901	252	7958	0.031	ng	# 1
40) Dibenzo(a,h)anthracene	25.975	278	57	0.101	ng	# 1

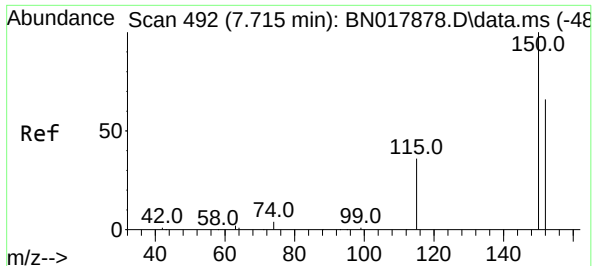
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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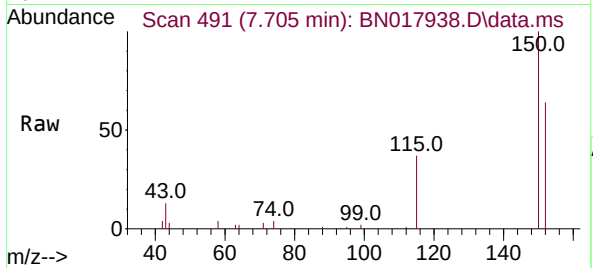
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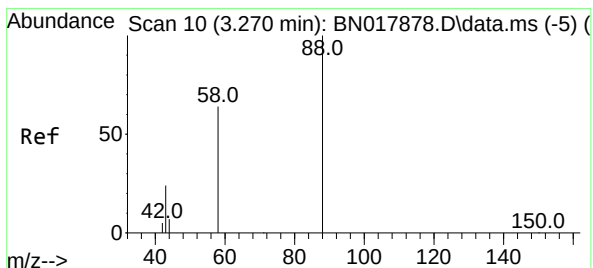
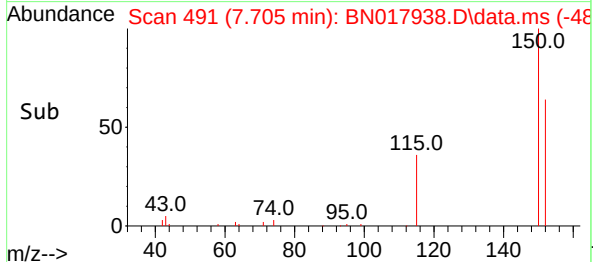
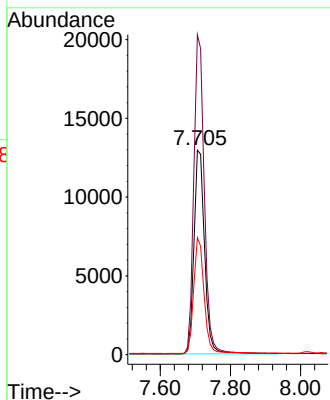


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.705 min Scan# 49
Delta R.T. -0.010 min
Lab File: BN017938.D
Acq: 12 Dec 2021 13:41

Instrument :
BNA_N
ClientSampleId :
RE125D3-20211206

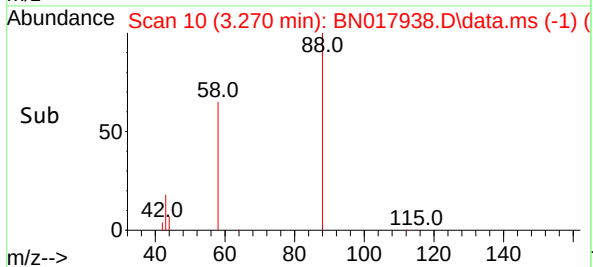
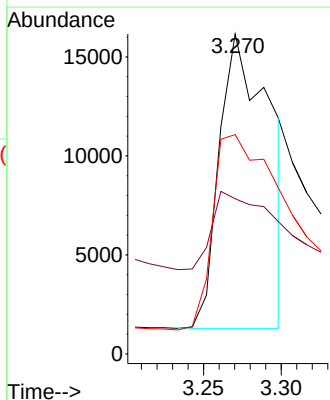
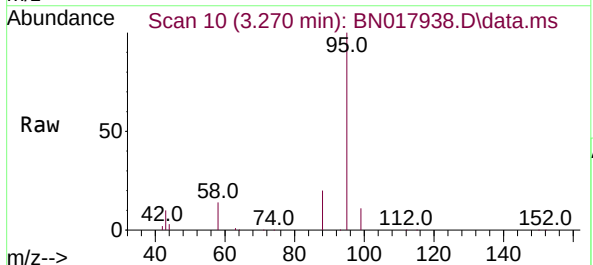


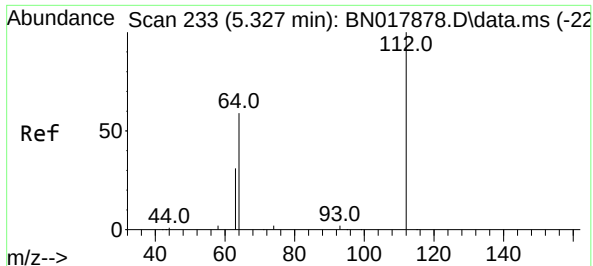
Tgt Ion:152 Resp: 27179
Ion Ratio Lower Upper
152 100
150 156.5 121.9 182.9
115 57.2 44.1 66.1



#2
1,4-Dioxane
Concen: 4.098 ng
RT: 3.270 min Scan# 10
Delta R.T. -0.000 min
Lab File: BN017938.D
Acq: 12 Dec 2021 13:41

Tgt Ion: 88 Resp: 33800
Ion Ratio Lower Upper
88 100
43 28.7 28.0 42.0
58 76.3 65.4 98.0

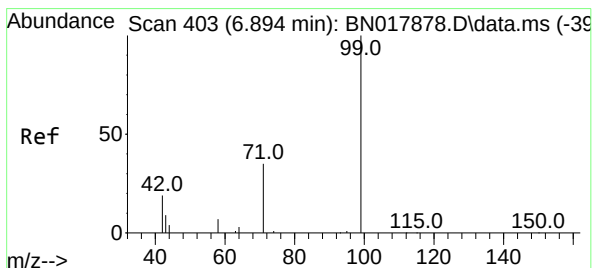
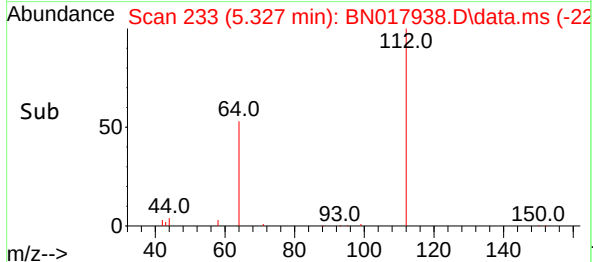
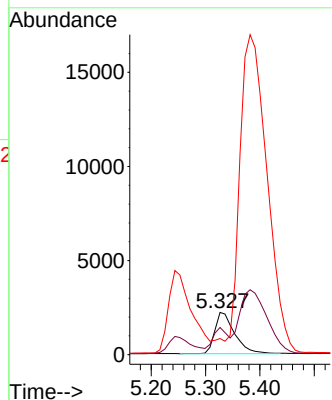
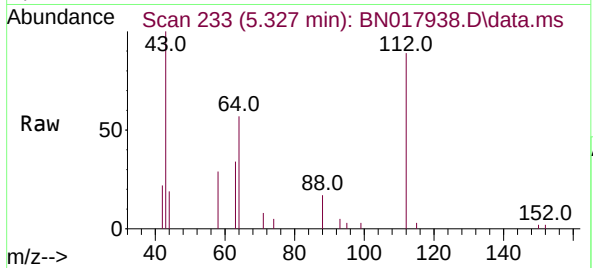




#4
2-Fluorophenol
Concen: 0.099 ng
RT: 5.327 min Scan# 211
Delta R.T. -0.000 min
Lab File: BN017938.D
Acq: 12 Dec 2021 13:41

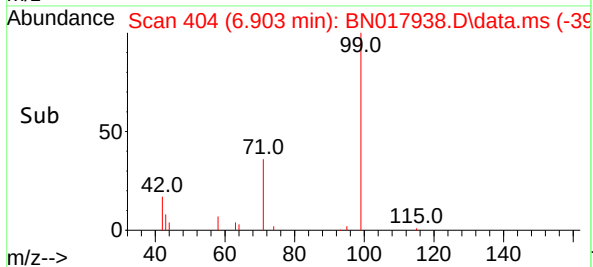
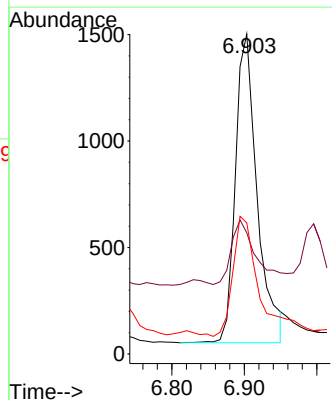
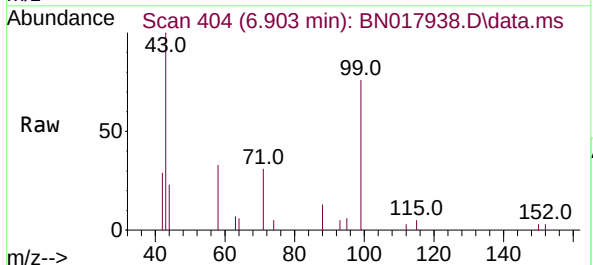
Instrument :
BNA_N
ClientSampleId :
RE125D3-20211206

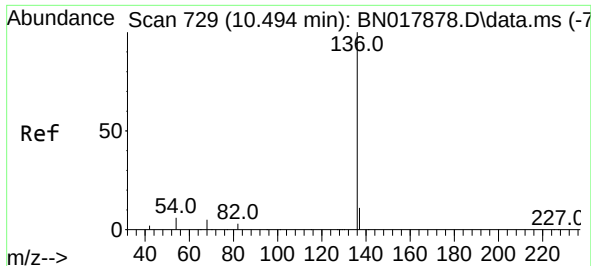
Tgt Ion:112 Resp: 5571
Ion Ratio Lower Upper
112 100
64 35.5 49.0 73.4#
63 0.0 26.2 39.2#



#5
Phenol-d6
Concen: 0.054 ng
RT: 6.903 min Scan# 404
Delta R.T. 0.009 min
Lab File: BN017938.D
Acq: 12 Dec 2021 13:41

Tgt Ion: 99 Resp: 3013
Ion Ratio Lower Upper
99 100
42 23.7 17.0 25.4
71 42.9 28.0 42.0#

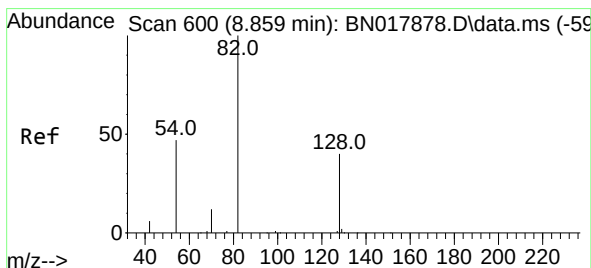
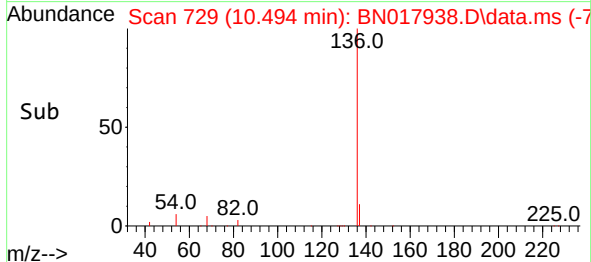
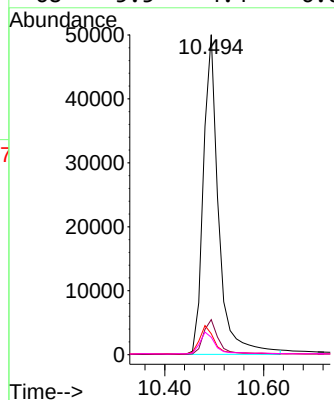
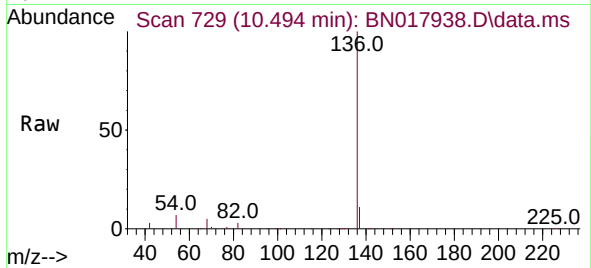




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 71
Delta R.T. -0.000 min
Lab File: BN017938.D
Acq: 12 Dec 2021 13:41

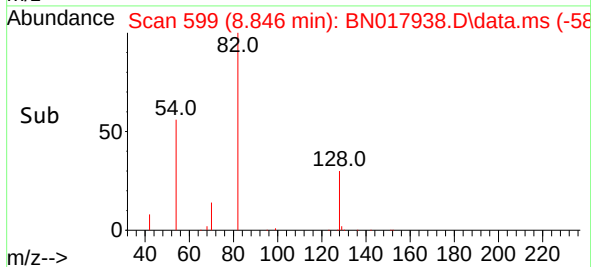
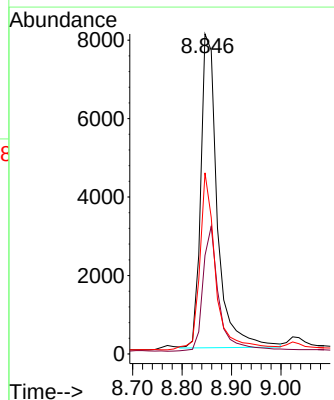
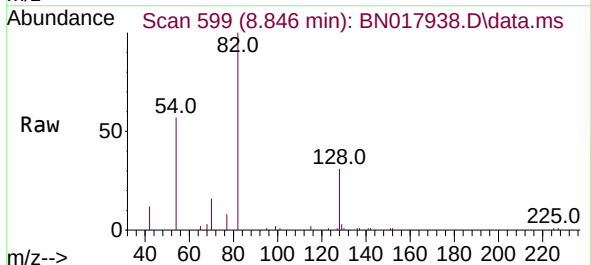
Instrument :
BNA_N
ClientSampleId :
RE125D3-20211206

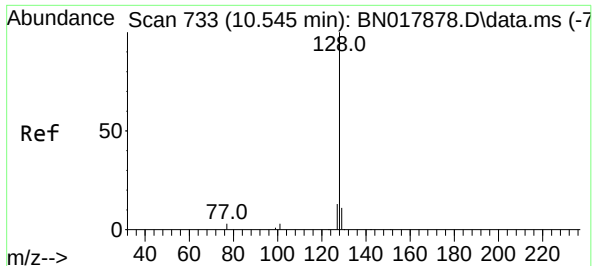
Tgt Ion:	136	Resp:	107128
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	6.6	5.1	7.7
68	5.5	4.4	6.6



#8
Nitrobenzene-d5
Concen: 0.268 ng
RT: 8.846 min Scan# 599
Delta R.T. -0.013 min
Lab File: BN017938.D
Acq: 12 Dec 2021 13:41

Tgt Ion:	82	Resp:	18767
Ion	Ratio	Lower	Upper
82	100		
128	30.8	32.2	48.4#
54	56.6	37.6	56.4#

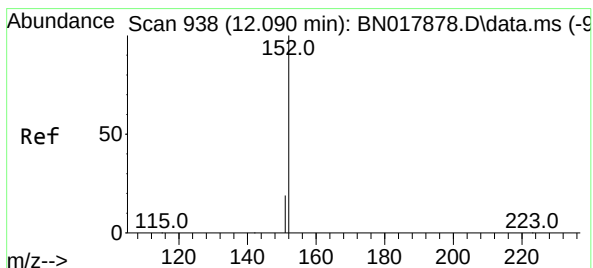
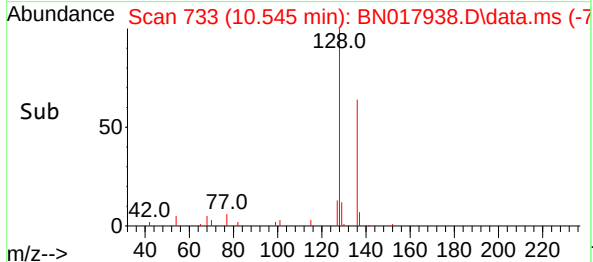
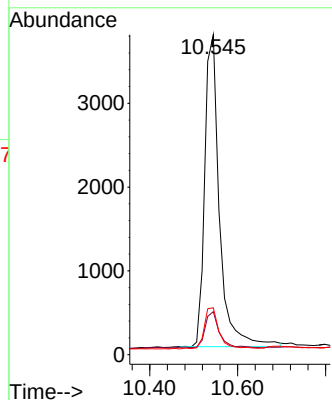
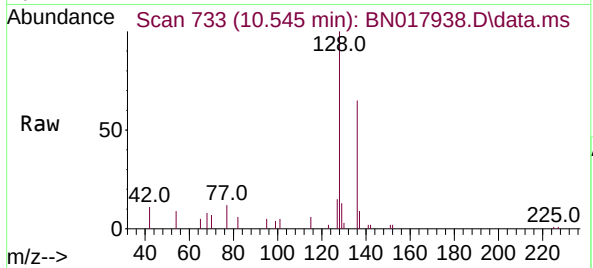




#9
Naphthalene
Concen: 0.033 ng
RT: 10.545 min Scan# 71
Delta R.T. -0.000 min
Lab File: BN017938.D
Acq: 12 Dec 2021 13:41

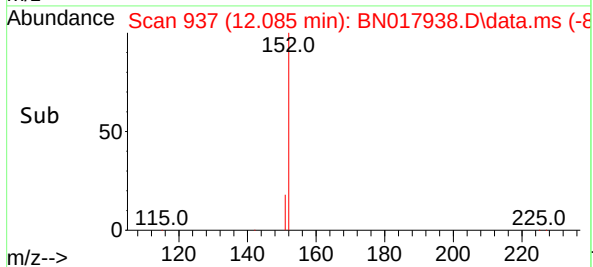
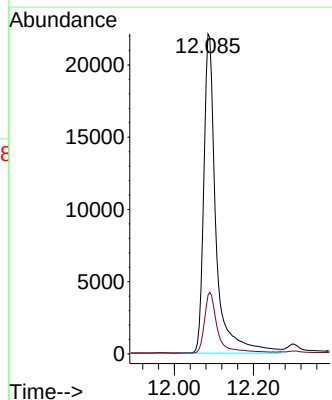
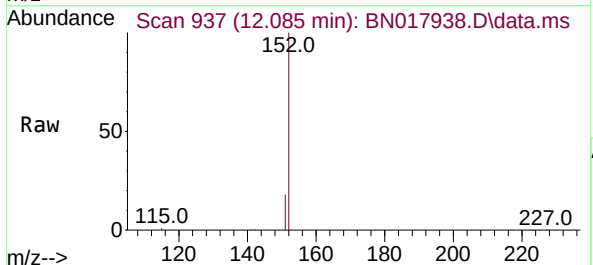
Instrument :
BNA_N
ClientSampleId :
RE125D3-20211206

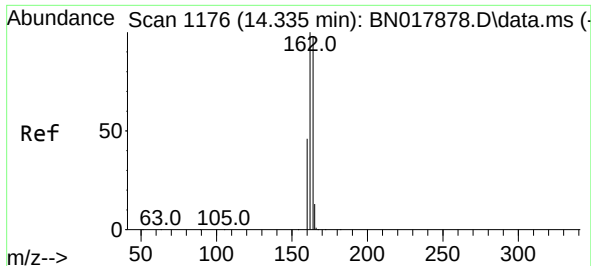
Tgt Ion:128 Resp: 8668
Ion Ratio Lower Upper
128 100
129 13.5 8.8 13.2#
127 14.7 10.5 15.7



#11
2-Methylnaphthalene-d10
Concen: 0.251 ng
RT: 12.085 min Scan# 937
Delta R.T. -0.004 min
Lab File: BN017938.D
Acq: 12 Dec 2021 13:41

Tgt Ion:152 Resp: 47359
Ion Ratio Lower Upper
152 100
151 20.3 16.4 24.6

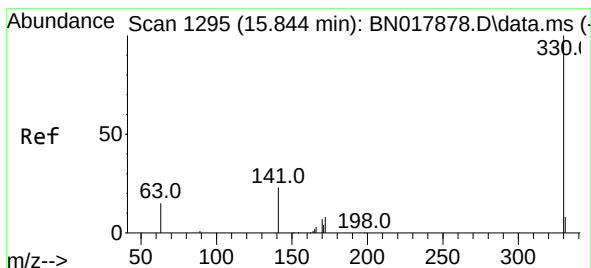
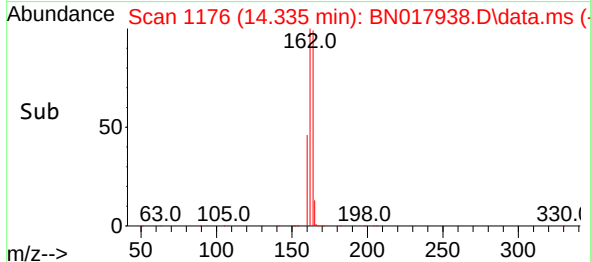
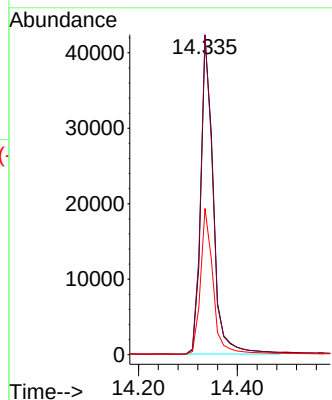
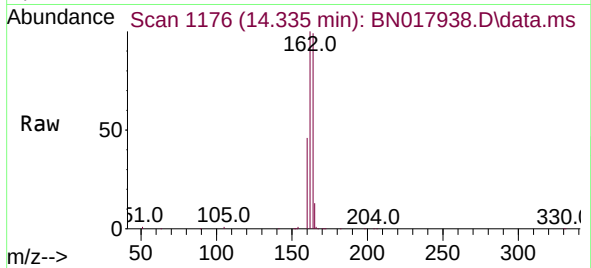




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.335 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BN017938.D
Acq: 12 Dec 2021 13:41

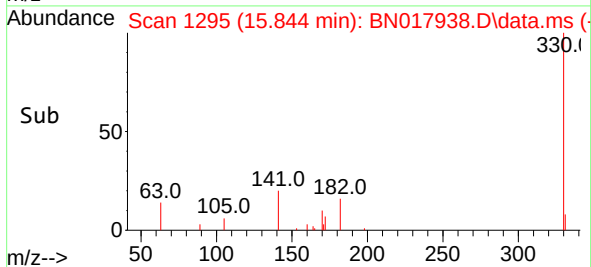
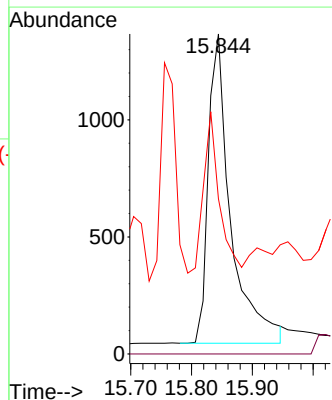
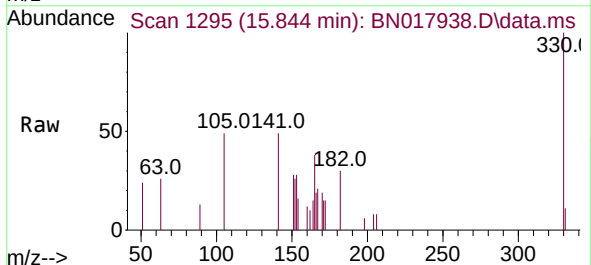
Instrument :
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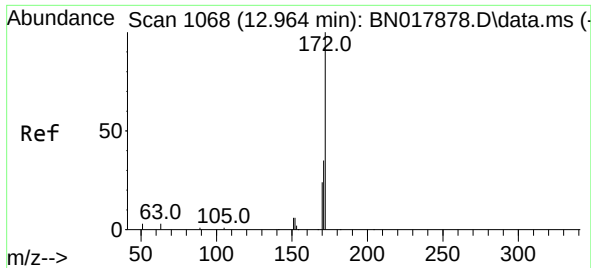
Tgt Ion:164 Resp: 74160
Ion Ratio Lower Upper
164 100
162 100.9 82.1 123.1
160 46.1 38.2 57.2



#14
2,4,6-Tribromophenol
Concen: 0.416 ng
RT: 15.844 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BN017938.D
Acq: 12 Dec 2021 13:41

Tgt Ion:330 Resp: 3375
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 36.9 19.7 29.5

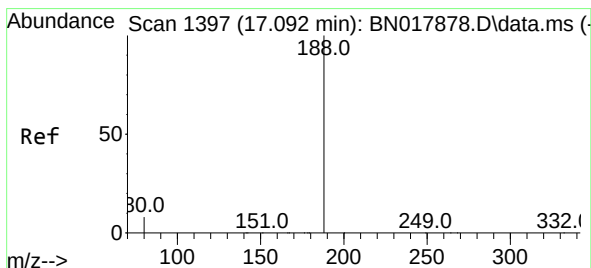
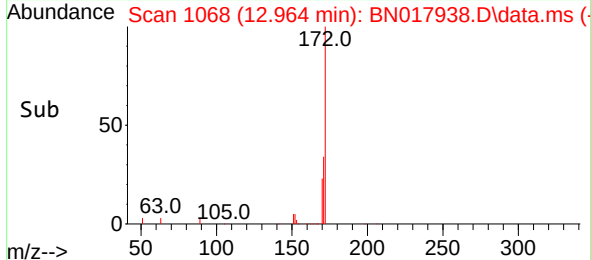
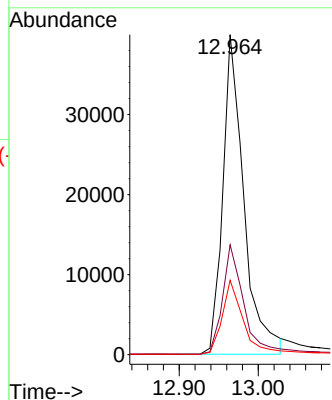
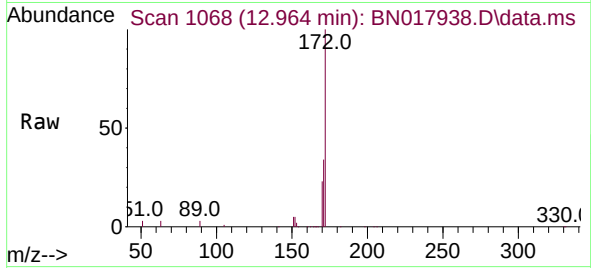




#15
2-Fluorobiphenyl
Concen: 0.284 ng
RT: 12.964 min Scan# 1068
Delta R.T. -0.000 min
Lab File: BN017938.D
Acq: 12 Dec 2021 13:41

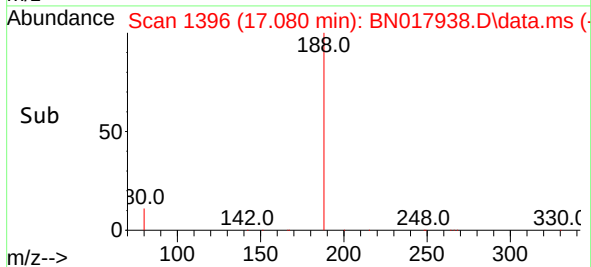
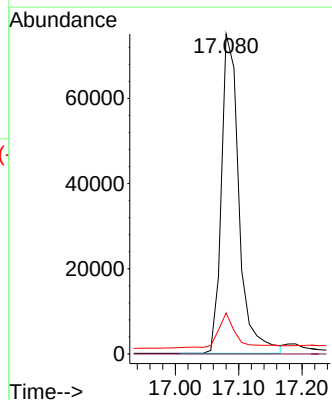
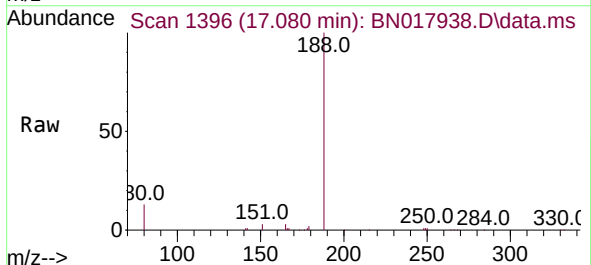
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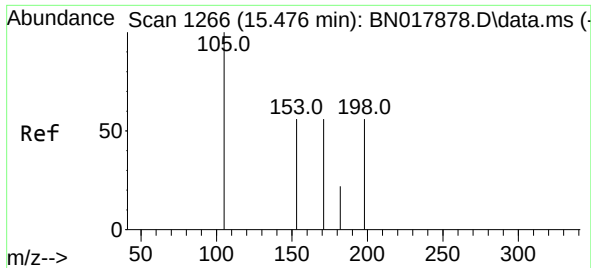
Tgt Ion:172	Resp:	74065
Ion Ratio	Lower	Upper
172	100	
171	34.4	28.3 42.5
170	23.2	19.1 28.7



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.080 min Scan# 1396
Delta R.T. -0.012 min
Lab File: BN017938.D
Acq: 12 Dec 2021 13:41

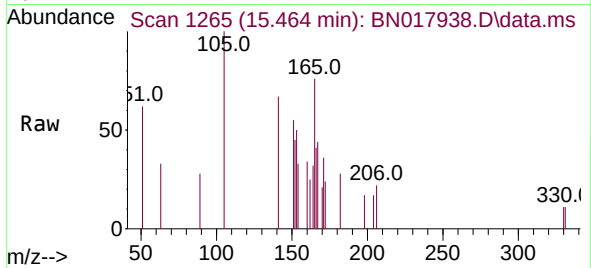
Tgt Ion:188	Resp:	144389
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	12.8	6.2 9.2#



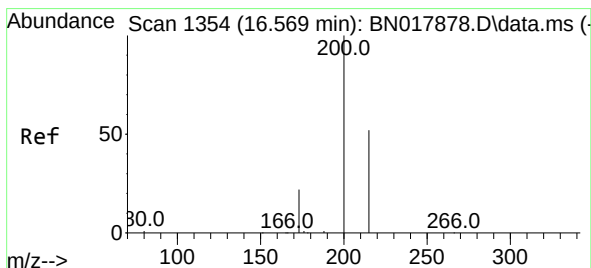
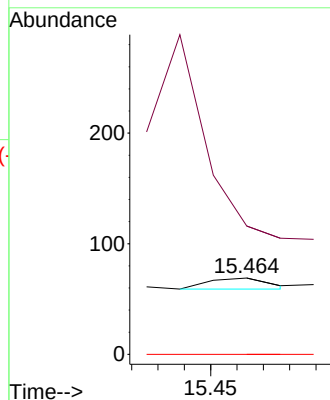
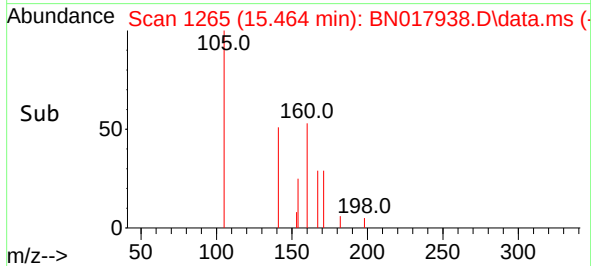


#20
4,6-Dinitro-2-methylphenol
Concen: Below Cal
RT: 15.464 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN017938.D
Acq: 12 Dec 2021 13:41

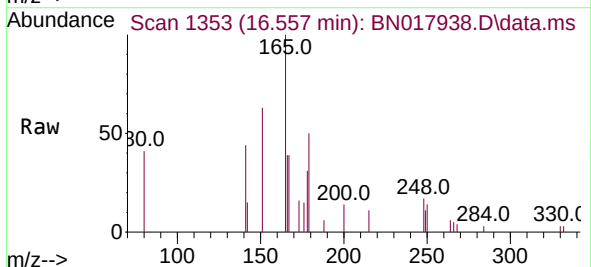
Instrument :
BNA_N
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RE125D3-20211206



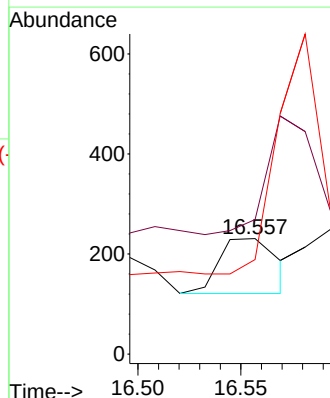
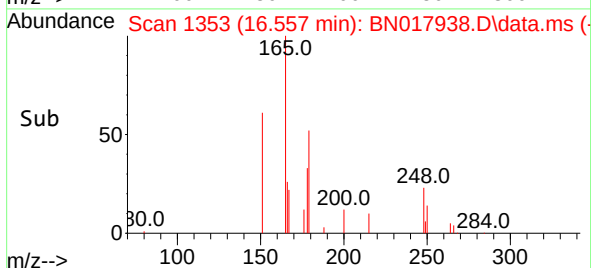
Tgt Ion:198 Resp: 16
Ion Ratio Lower Upper
198 100
182 168.1 70.8 106.2#
77 0.0 0.0 0.0

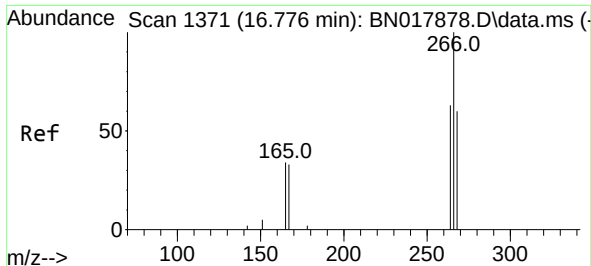


#23
Atrazine
Concen: 0.094 ng
RT: 16.557 min Scan# 1353
Delta R.T. -0.012 min
Lab File: BN017938.D
Acq: 12 Dec 2021 13:41



Tgt Ion:200 Resp: 217
Ion Ratio Lower Upper
200 100
173 116.5 18.2 27.2#
215 81.8 41.8 62.8#

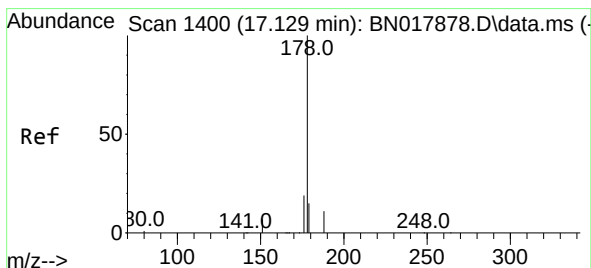
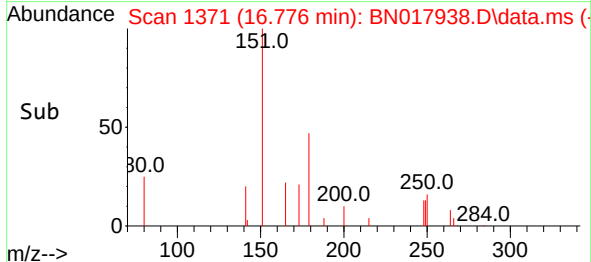
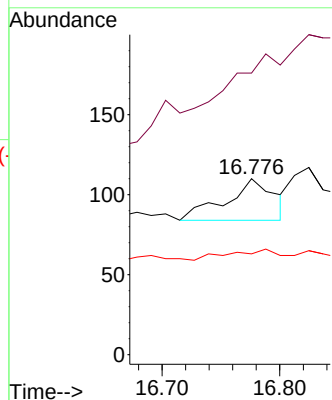
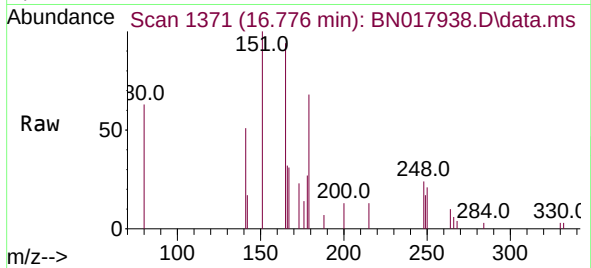




#24
Pentachlorophenol
Concen: 0.117 ng
RT: 16.776 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN017938.D
Acq: 12 Dec 2021 13:41

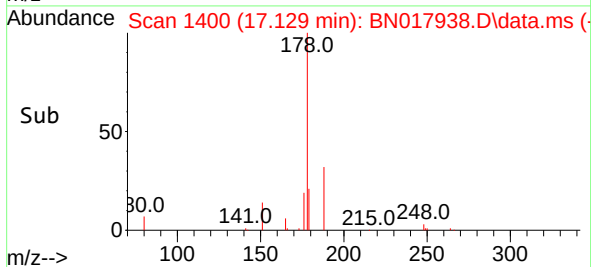
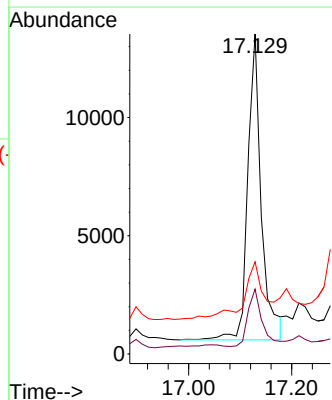
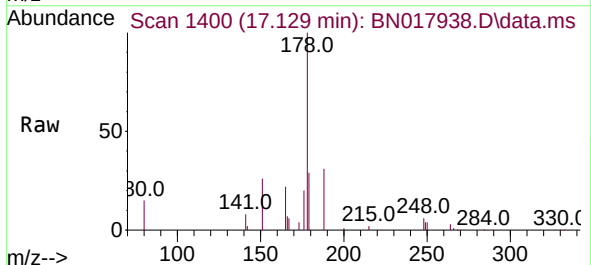
Instrument :
BNA_N
ClientSampleId :
RE125D3-20211206

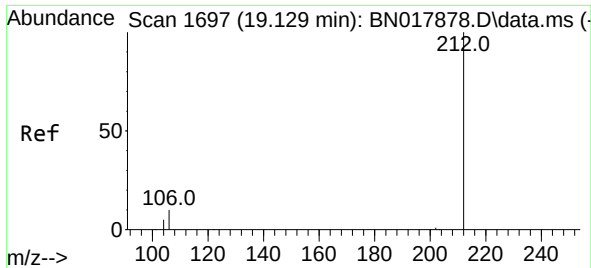
Tgt Ion:266 Resp: 74
Ion Ratio Lower Upper
266 100
264 0.0 50.6 76.0#
268 28.4 53.7 80.5#



#25
Phenanthrene
Concen: 0.064 ng
RT: 17.129 min Scan# 1400
Delta R.T. -0.000 min
Lab File: BN017938.D
Acq: 12 Dec 2021 13:41

Tgt Ion:178 Resp: 23636
Ion Ratio Lower Upper
178 100
176 19.6 15.0 22.6
179 26.2 12.4 18.6#

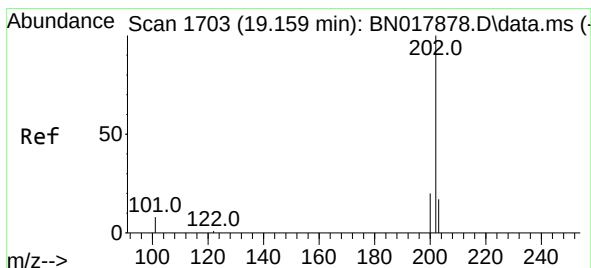
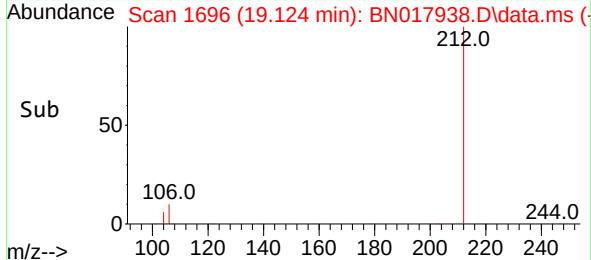
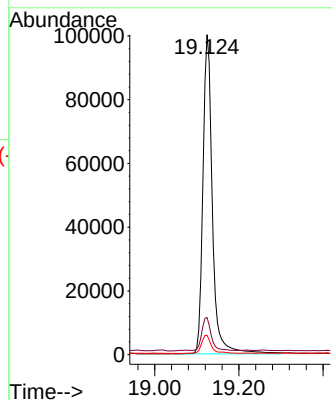
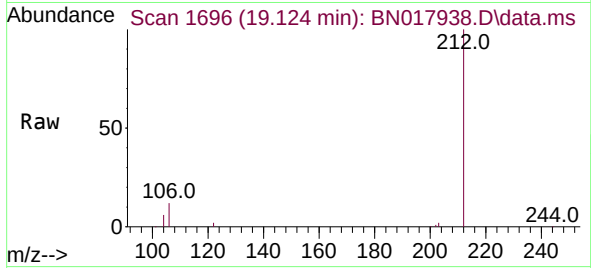




#27
Fluoranthene-d10
Concen: 0.336 ng
RT: 19.124 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN017938.D
Acq: 12 Dec 2021 13:41

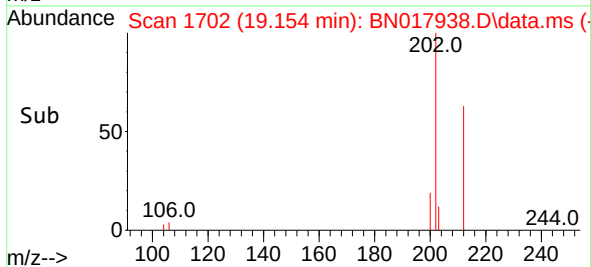
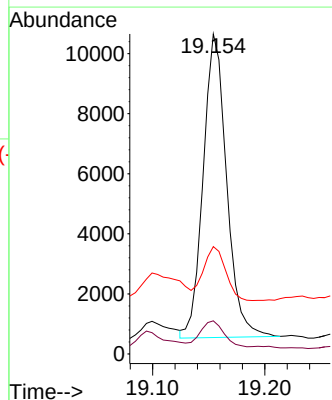
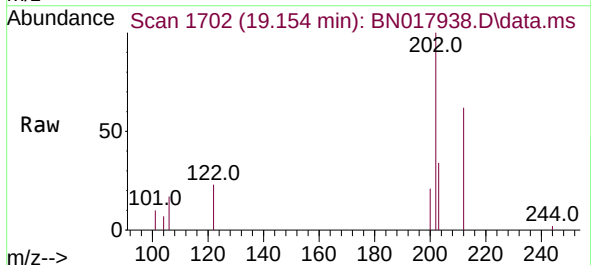
Instrument :
BNA_N
ClientSampleId :
RE125D3-20211206

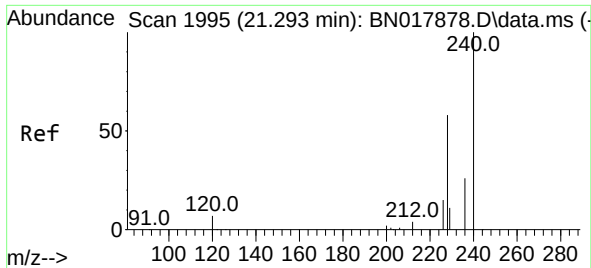
Tgt Ion:212 Resp: 157131
Ion Ratio Lower Upper
212 100
106 10.2 8.3 12.5
104 6.0 4.6 6.8



#28
Fluoranthene
Concen: 0.032 ng
RT: 19.154 min Scan# 1702
Delta R.T. -0.005 min
Lab File: BN017938.D
Acq: 12 Dec 2021 13:41

Tgt Ion:202 Resp: 14682
Ion Ratio Lower Upper
202 100
101 8.3 7.3 10.9
203 18.0 13.7 20.5

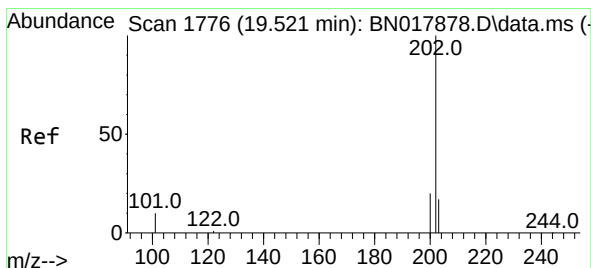
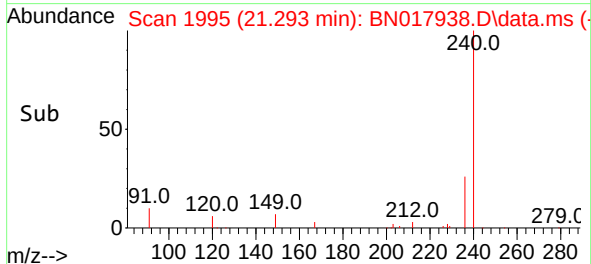
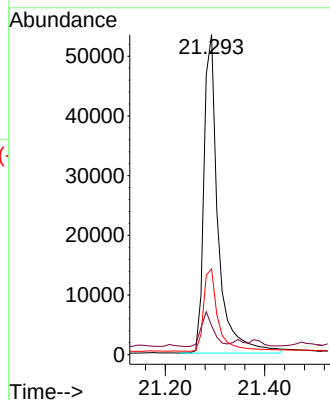
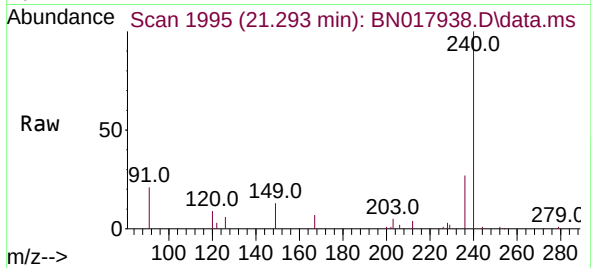




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.293 min Scan# 1995
Delta R.T. -0.000 min
Lab File: BN017938.D
Acq: 12 Dec 2021 13:41

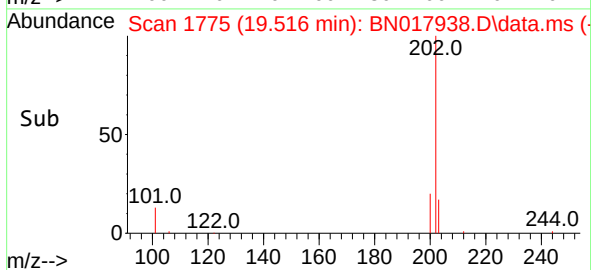
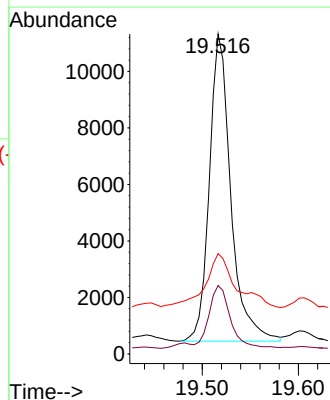
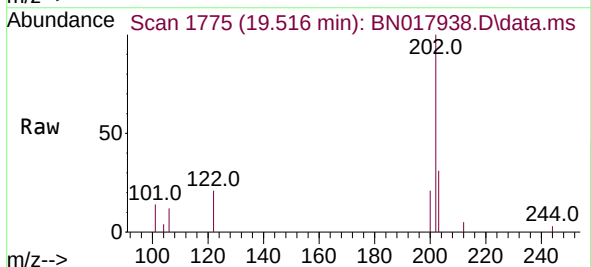
Instrument :
BNA_N
ClientSampleId :
RE125D3-20211206

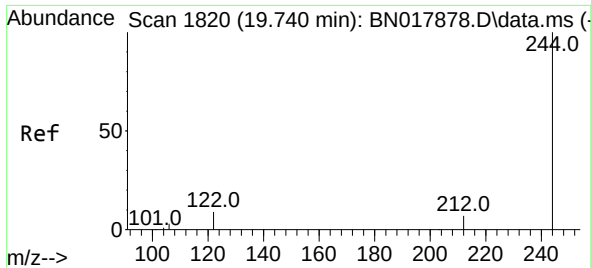
Tgt Ion:240 Resp: 105374
Ion Ratio Lower Upper
240 100
120 9.1 5.8 8.8#
236 26.8 21.0 31.6



#30
Pyrene
Concen: 0.041 ng
RT: 19.516 min Scan# 1775
Delta R.T. -0.005 min
Lab File: BN017938.D
Acq: 12 Dec 2021 13:41

Tgt Ion:202 Resp: 16822
Ion Ratio Lower Upper
202 100
200 20.4 16.5 24.7
203 25.3 14.0 21.0#

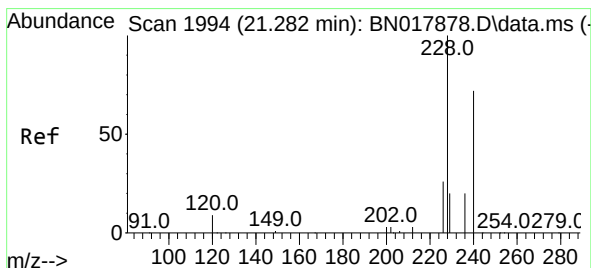
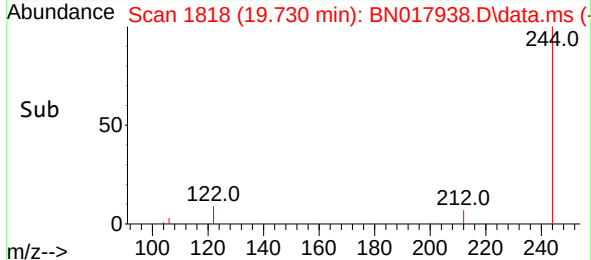
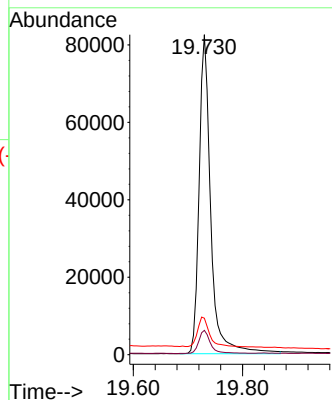
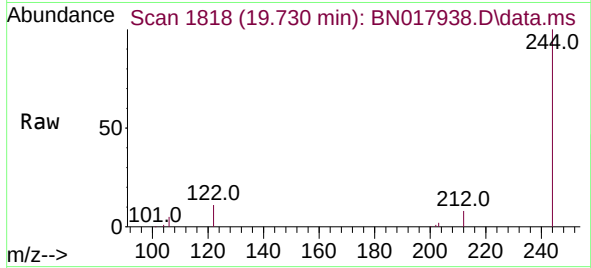




#31
 Terphenyl-d14
 Concen: 0.469 ng
 RT: 19.730 min Scan# 11
 Delta R.T. -0.010 min
 Lab File: BN017938.D
 Acq: 12 Dec 2021 13:41

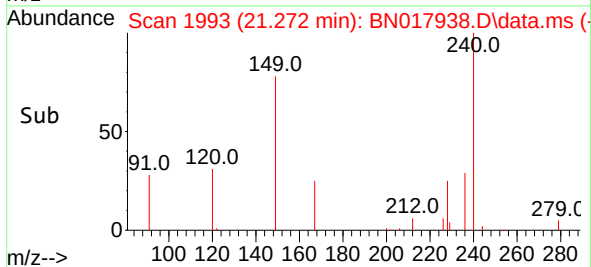
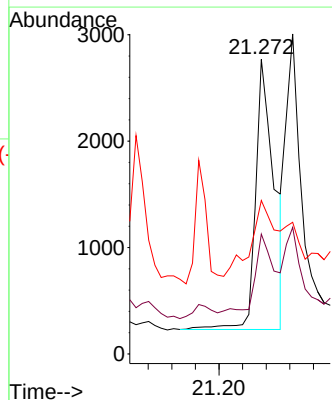
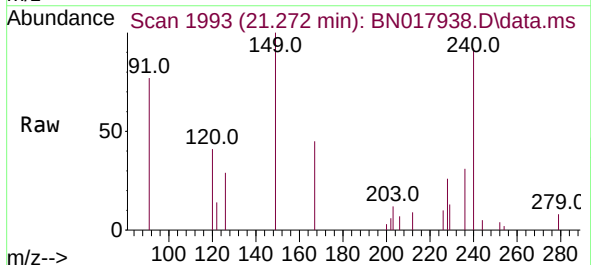
Instrument :
 BNA_N
 ClientSampleId :
 RE125D3-20211206

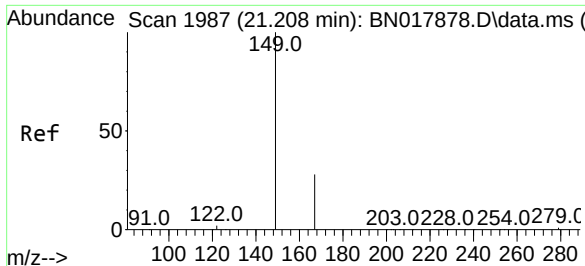
Tgt Ion:244 Resp: 121737
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 11.4 7.5 11.3#



#32
 Benzo(a)anthracene
 Concen: 0.066 ng
 RT: 21.272 min Scan# 1993
 Delta R.T. -0.010 min
 Lab File: BN017938.D
 Acq: 12 Dec 2021 13:41

Tgt Ion:228 Resp: 5505
 Ion Ratio Lower Upper
 228 100
 226 40.7 21.0 31.4#
 229 52.1 15.8 23.8#

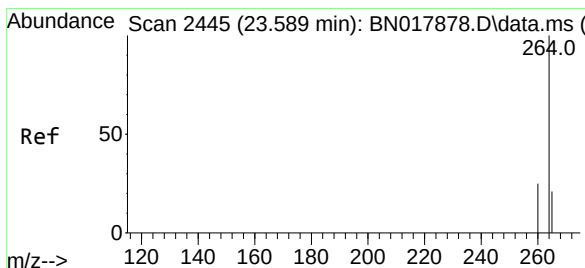
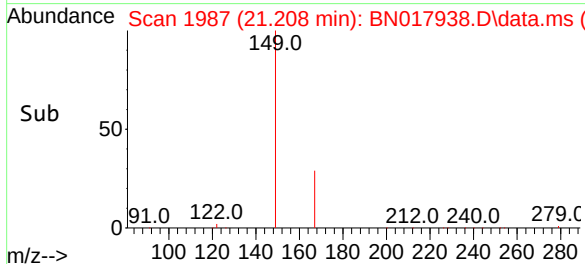
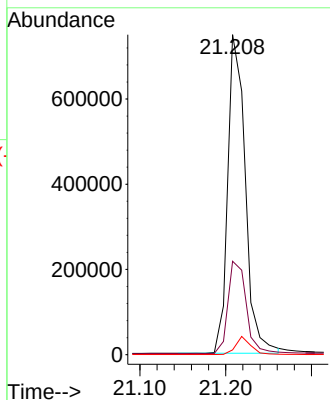
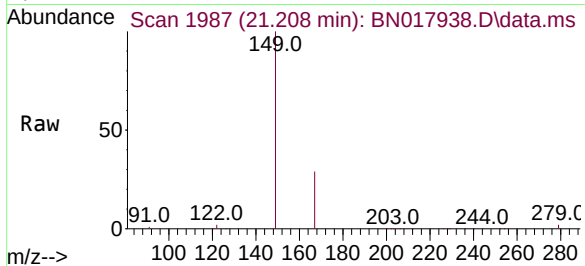




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 9.373 ng
 RT: 21.208 min Scan# 1987
 Delta R.T. 0.000 min
 Lab File: BN017938.D
 Acq: 12 Dec 2021 13:41

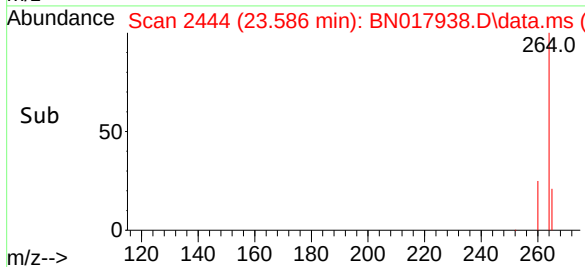
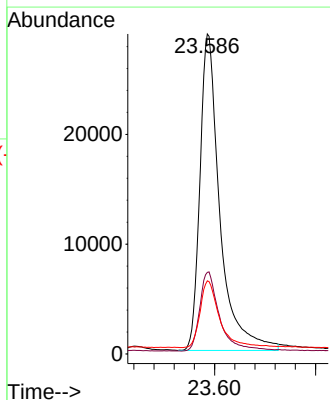
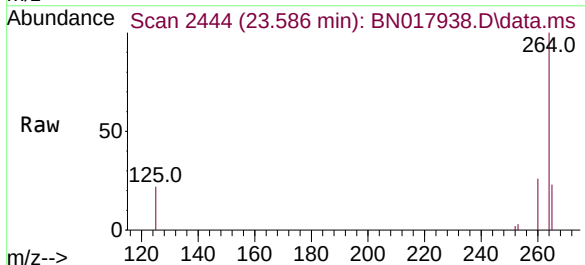
Instrument :
 BNA_N
 ClientSampleId :
 RE125D3-20211206

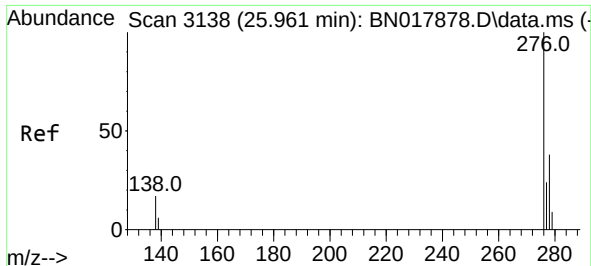
Tgt Ion:149 Resp: 1060371
 Ion Ratio Lower Upper
 149 100
 167 30.2 23.4 35.0
 279 4.9 3.6 5.4



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.586 min Scan# 2444
 Delta R.T. -0.003 min
 Lab File: BN017938.D
 Acq: 12 Dec 2021 13:41

Tgt Ion:264 Resp: 78938
 Ion Ratio Lower Upper
 264 100
 260 25.5 20.2 30.4
 265 22.9 18.2 27.4

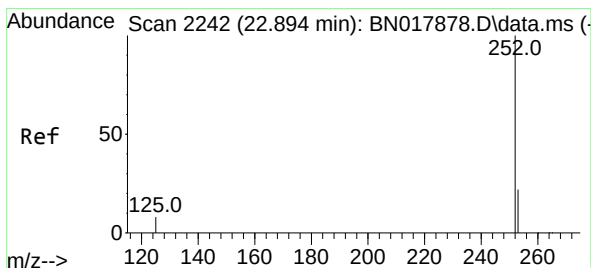
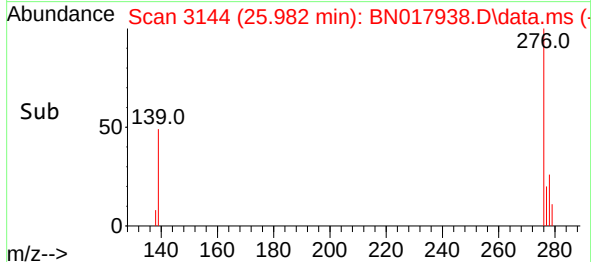
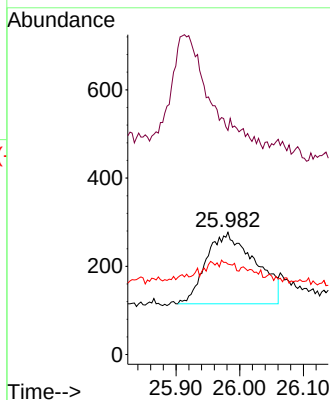
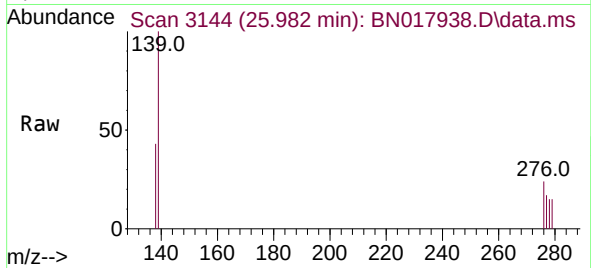




#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.094 ng
 RT: 25.982 min Scan# 3138
 Delta R.T. 0.021 min
 Lab File: BN017938.D
 Acq: 12 Dec 2021 13:41

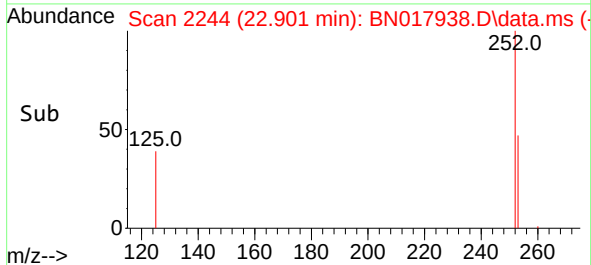
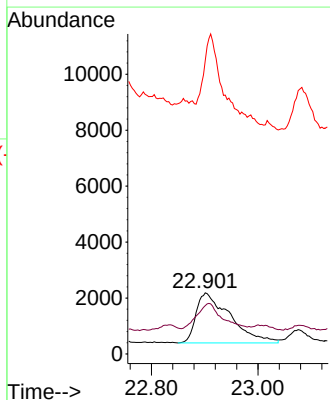
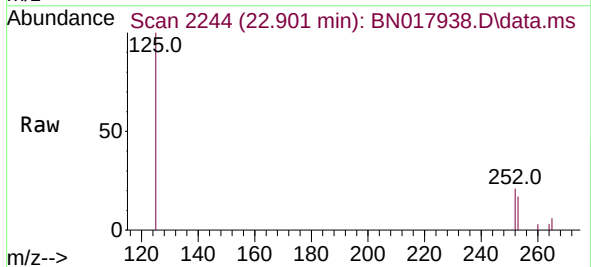
Instrument :
 BNA_N
 ClientSampleId :
 RE125D3-20211206

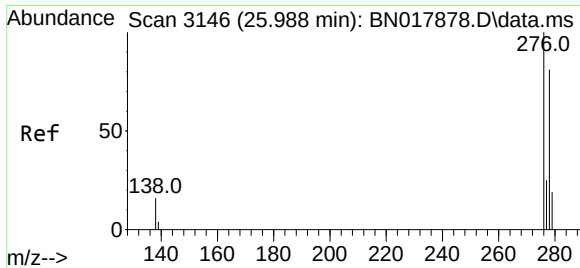
Tgt Ion:276 Resp: 870
 Ion Ratio Lower Upper
 276 100
 138 0.0 15.2 22.8#
 277 0.0 19.8 29.6#



#37
 Benzo(b)fluoranthene
 Concen: 0.031 ng
 RT: 22.901 min Scan# 2244
 Delta R.T. 0.007 min
 Lab File: BN017938.D
 Acq: 12 Dec 2021 13:41

Tgt Ion:252 Resp: 7958
 Ion Ratio Lower Upper
 252 100
 253 79.3 17.9 26.9#
 125 480.2 6.8 10.2#





#40

Dibenzo(a,h)anthracene

Concen: 0.101 ng

RT: 25.975 min Scan# 31

Delta R.T. -0.013 min

Lab File: BN017938.D

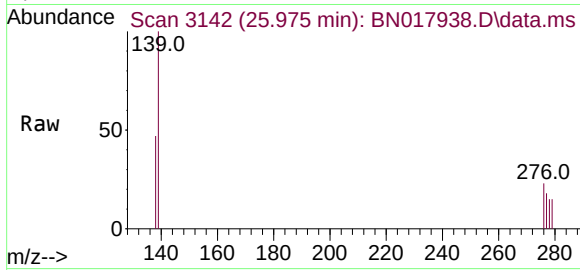
Acq: 12 Dec 2021 13:41

Instrument :

BNA_N

ClientSampleId :

RE125D3-20211206



Tgt Ion:278 Resp: 57

Ion Ratio Lower Upper

278 100

139 653.4 12.0 18.0#

279 95.5 20.8 31.2#

