

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032822\
 Data File : BN019206.D
 Acq On : 28 Mar 2022 21:46
 Operator : CG/JU
 Sample : N2107-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SS2

Quant Time: Mar 29 06:24:44 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 25 19:03:12 2022
 Response via : Initial Calibration

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

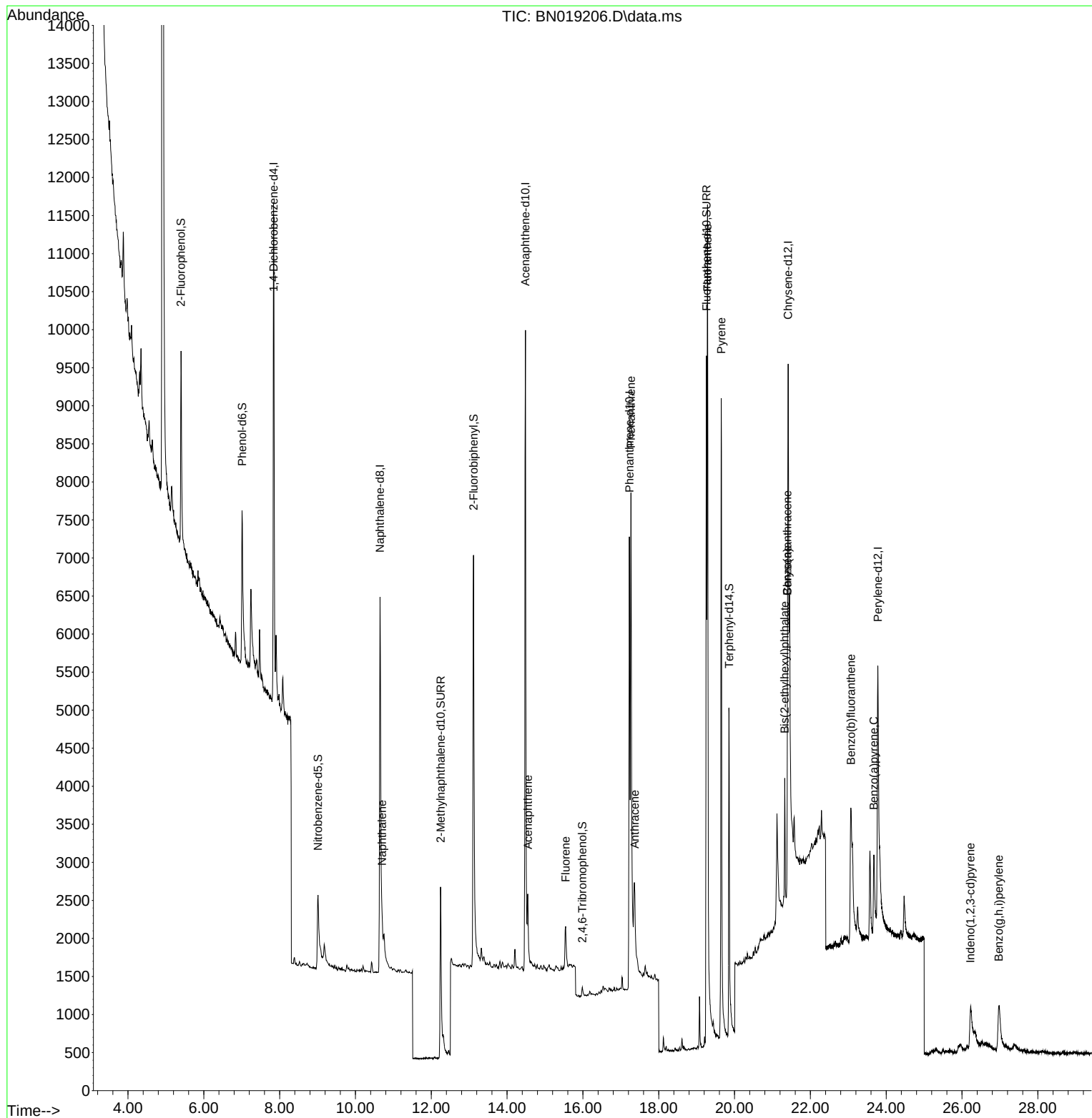
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	3745	0.400	ng	0.00
7) Naphthalene-d8	10.648	136	9394	0.400	ng	# 0.00
13) Acenaphthene-d10	14.484	164	5856	0.400	ng	0.00
19) Phenanthrene-d10	17.225	188	11316	0.400	ng	0.00
29) Chrysene-d12	21.413	240	8557	0.400	ng	# 0.00
35) Perylene-d12	23.782	264	7233	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	2468	0.279	ng	0.00
5) Phenol-d6	7.009	99	2315	0.229	ng	0.00
8) Nitrobenzene-d5	9.014	82	1640	0.225	ng	0.02
11) 2-Methylnaphthalene-d10	12.246	152	4933	0.328	ng	0.00
14) 2,4,6-Tribromophenol	15.984	330	91	0.032	ng	0.01
15) 2-Fluorobiphenyl	13.116	172	6614	0.269	ng	0.01
27) Fluoranthene-d10	19.257	212	12173	0.368	ng	0.00
31) Terphenyl-d14	19.855	244	6445	0.337	ng	0.00
Target Compounds						
						Qvalue
9) Naphthalene	10.701	128	544	0.021	ng	# 53
17) Acenaphthene	14.549	154	492	0.026	ng	96
18) Fluorene	15.543	166	681	0.028	ng	93
25) Phenanthrene	17.267	178	8446	0.233	ng	99
26) Anthracene	17.369	178	1856	0.062	ng	# 93
28) Fluoranthene	19.286	202	11755	0.287	ng	100
30) Pyrene	19.649	202	9421	0.233	ng	97
32) Benzo(a)anthracene	21.395	228	3269	0.119	ng	95
33) Chrysene	21.395	228	3254	0.092	ng	98
34) Bis(2-ethylhexyl)phtha...	21.324	149	1666	0.100	ng	# 96
36) Indeno(1,2,3-cd)pyrene	26.226	276	1596	0.055	ng	# 69
37) Benzo(b)fluoranthene	23.071	252	3628	0.132	ng	# 59
39) Benzo(a)pyrene	23.676	252	2171	0.092	ng	# 46
41) Benzo(g,h,i)perylene	26.971	276	1859	0.062	ng	# 80

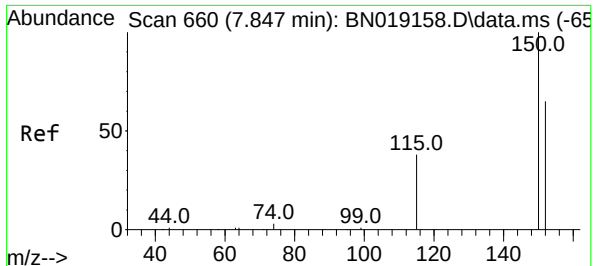
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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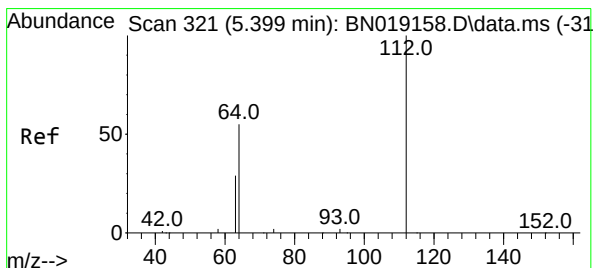
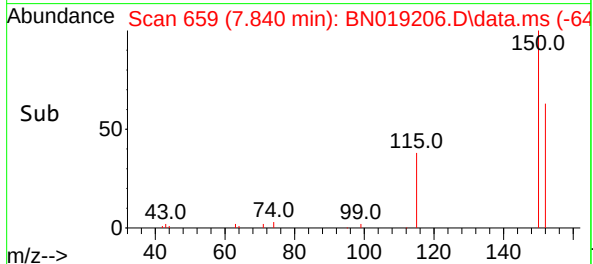
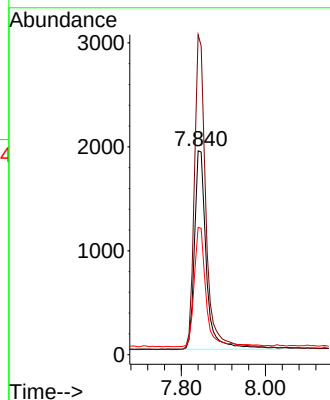
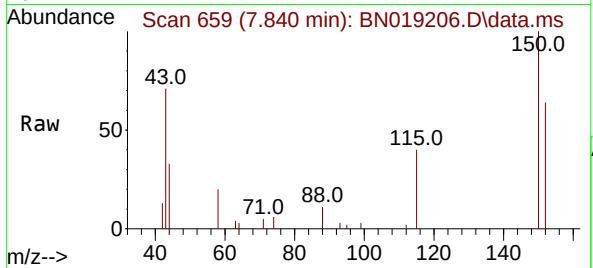




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.840 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN019206.D
Acq: 28 Mar 2022 21:46

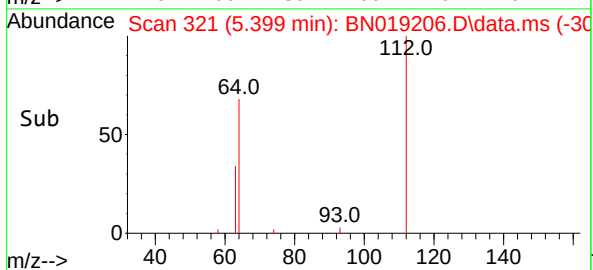
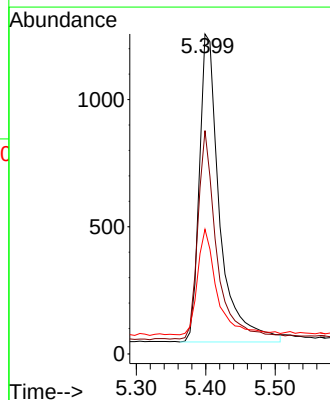
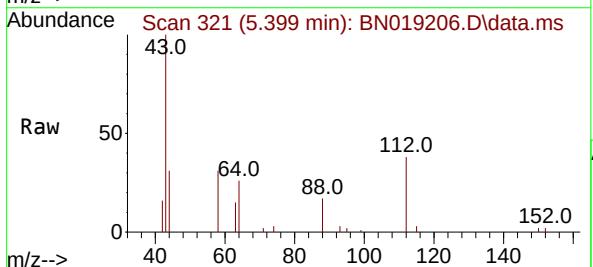
Instrument :
BNA_N
ClientSampleId :
SS2

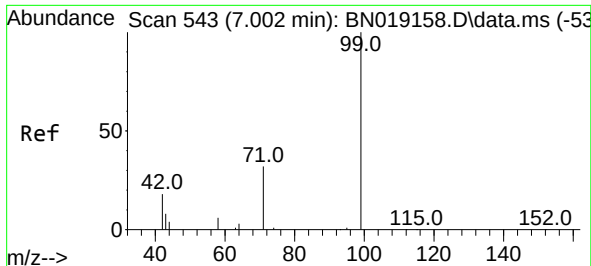
Tgt Ion:152 Resp: 3745
Ion Ratio Lower Upper
152 100
150 157.0 123.9 185.9
115 62.4 48.2 72.4



#4
2-Fluorophenol
Concen: 0.279 ng
RT: 5.399 min Scan# 321
Delta R.T. -0.000 min
Lab File: BN019206.D
Acq: 28 Mar 2022 21:46

Tgt Ion:112 Resp: 2468
Ion Ratio Lower Upper
112 100
64 63.0 47.8 71.8
63 32.8 25.7 38.5

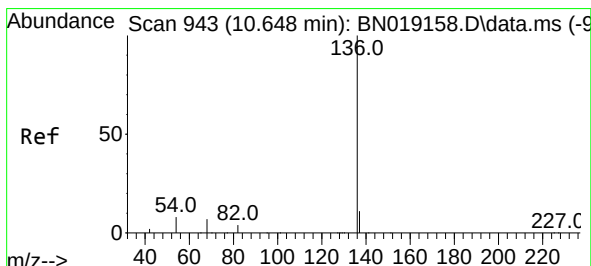
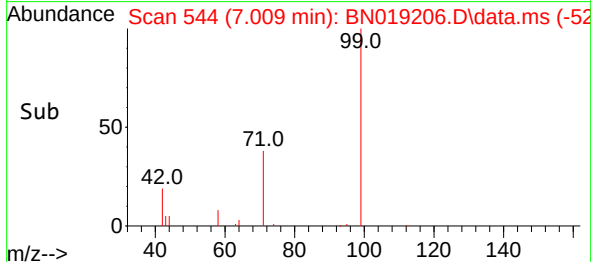
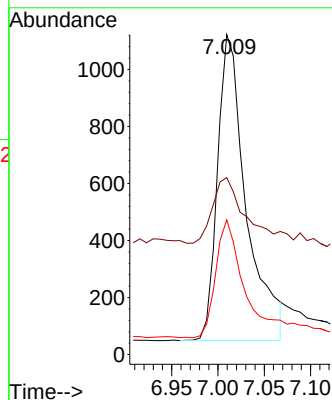
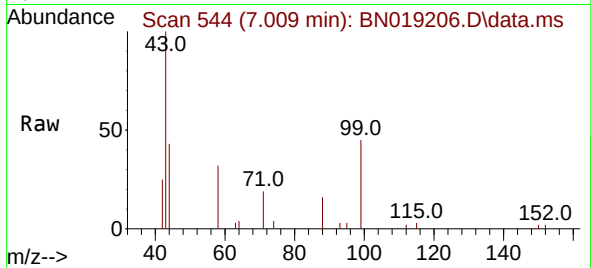




#5
Phenol-d6
Concen: 0.229 ng
RT: 7.009 min Scan# 543
Delta R.T. 0.007 min
Lab File: BN019206.D
Acq: 28 Mar 2022 21:46

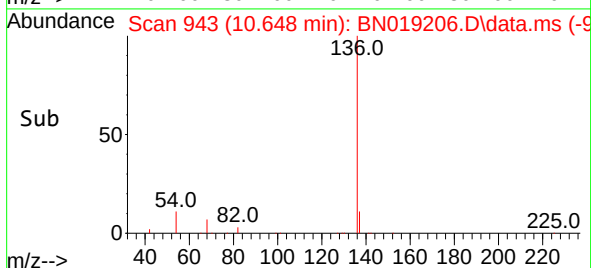
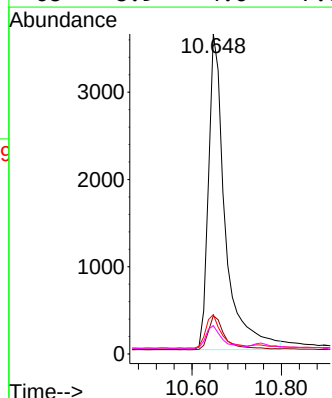
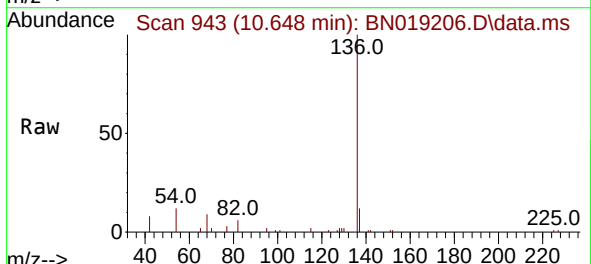
Instrument :
BNA_N
ClientSampleId :
SS2

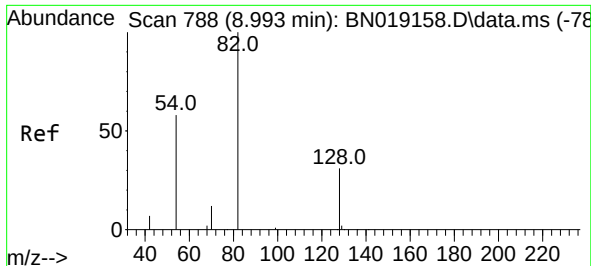
Tgt Ion: 99 Resp: 2315
Ion Ratio Lower Upper
99 100
42 23.2 16.2 24.4
71 37.9 27.7 41.5



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.648 min Scan# 943
Delta R.T. -0.000 min
Lab File: BN019206.D
Acq: 28 Mar 2022 21:46

Tgt Ion: 136 Resp: 9394
Ion Ratio Lower Upper
136 100
137 11.9 9.0 13.4
54 12.3 5.8 8.6#
68 8.9 4.6 7.0#

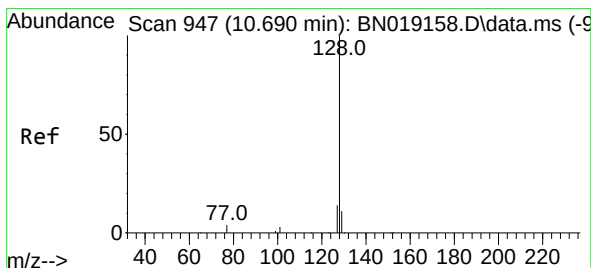
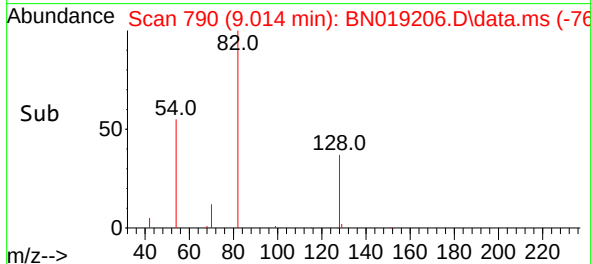
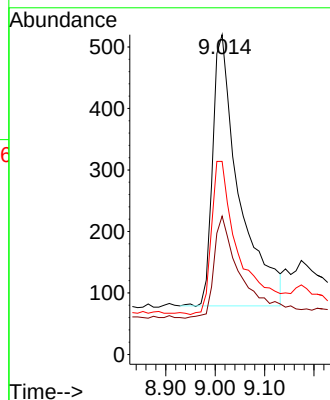
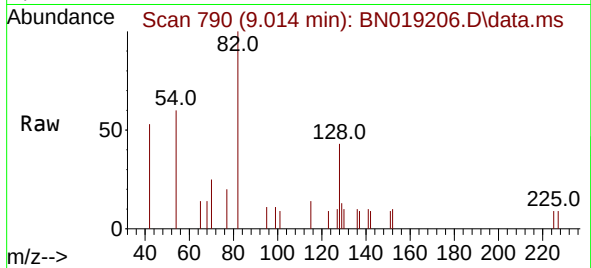




#8
Nitrobenzene-d5
Concen: 0.225 ng
RT: 9.014 min Scan# 790
Delta R.T. 0.021 min
Lab File: BN019206.D
Acq: 28 Mar 2022 21:46

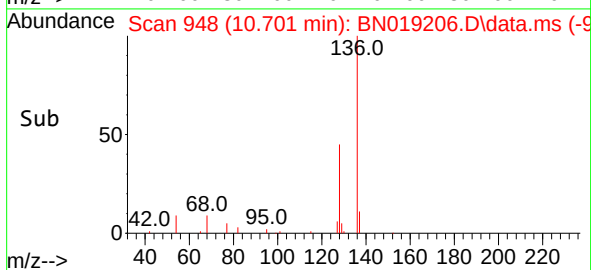
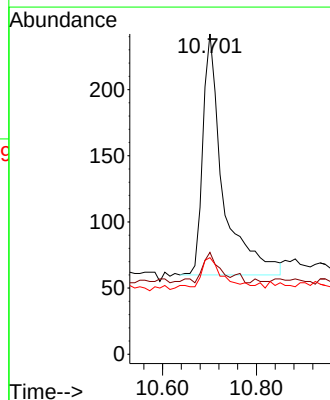
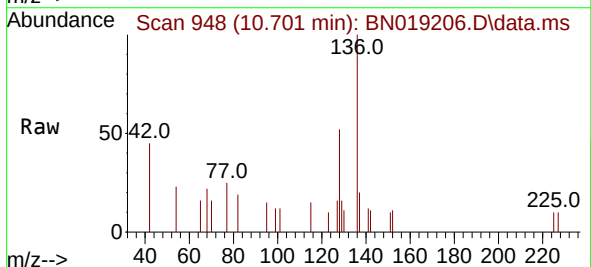
Instrument :
BNA_N
ClientSampleId :
SS2

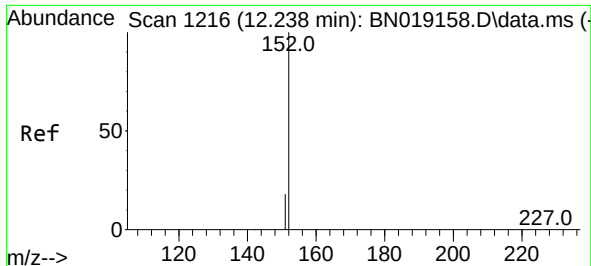
Tgt Ion: 82	Resp:	1640
Ion Ratio	Lower	Upper
82	100	
128	43.3	33.0 49.6
54	60.4	42.5 63.7



#9
Naphthalene
Concen: 0.021 ng
RT: 10.701 min Scan# 948
Delta R.T. 0.011 min
Lab File: BN019206.D
Acq: 28 Mar 2022 21:46

Tgt Ion: 128	Resp:	544
Ion Ratio	Lower	Upper
128	100	
129	31.8	9.0 13.4#
127	30.2	10.7 16.1#

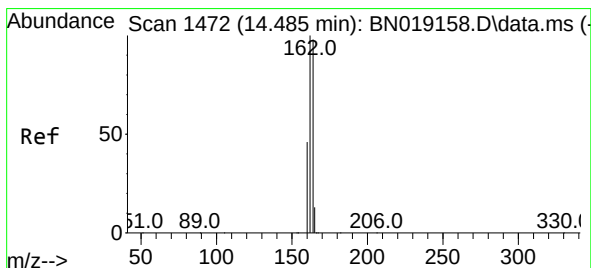
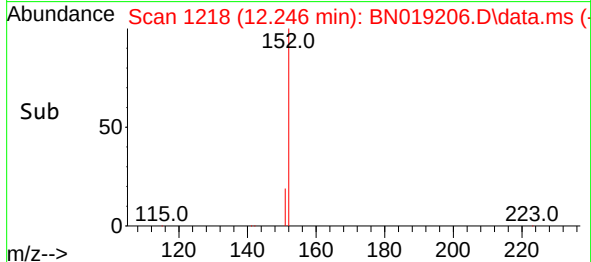
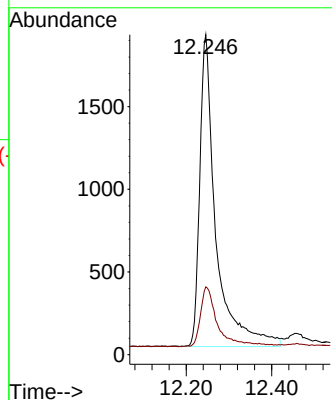
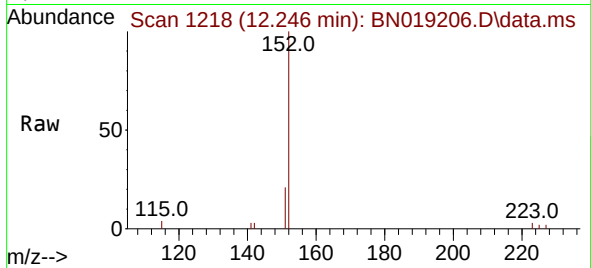




#11
2-Methylnaphthalene-d10
Concen: 0.328 ng
RT: 12.246 min Scan# 11
Delta R.T. 0.008 min
Lab File: BN019206.D
Acq: 28 Mar 2022 21:46

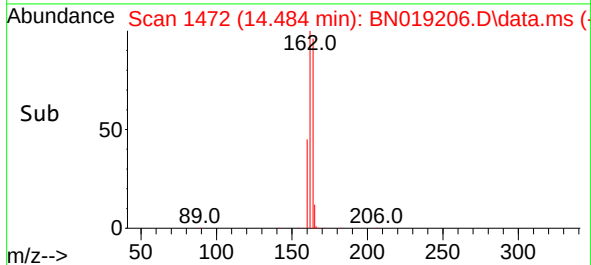
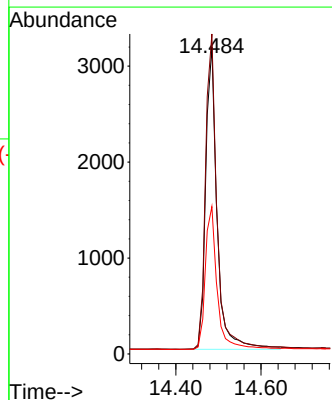
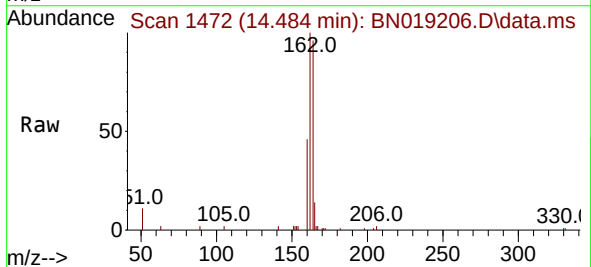
Instrument :
BNA_N
ClientSampleId :
SS2

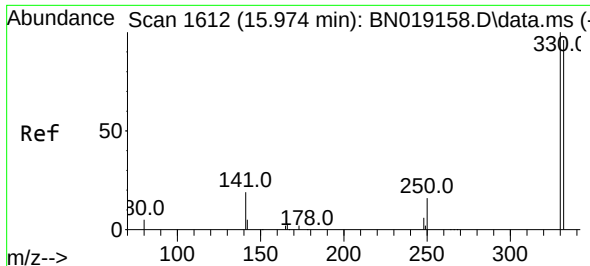
Tgt Ion:152 Resp: 4933
Ion Ratio Lower Upper
152 100
151 19.3 16.5 24.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 1472
Delta R.T. -0.000 min
Lab File: BN019206.D
Acq: 28 Mar 2022 21:46

Tgt Ion:164 Resp: 5856
Ion Ratio Lower Upper
164 100
162 104.2 85.2 127.8
160 48.0 41.5 62.3

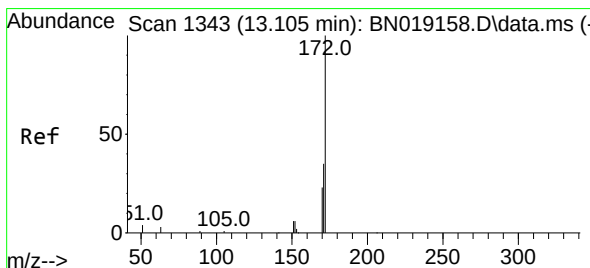
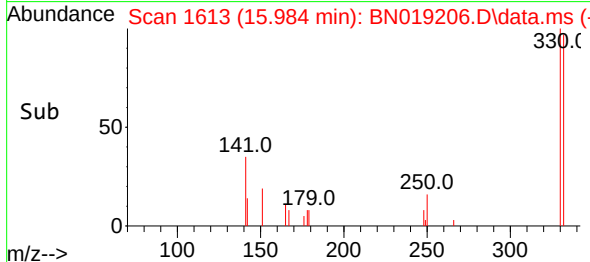
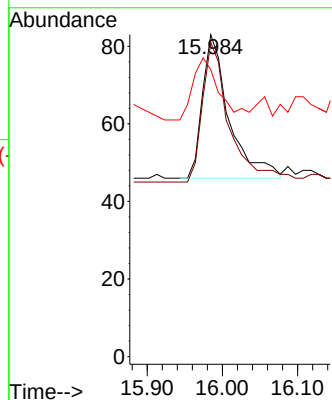
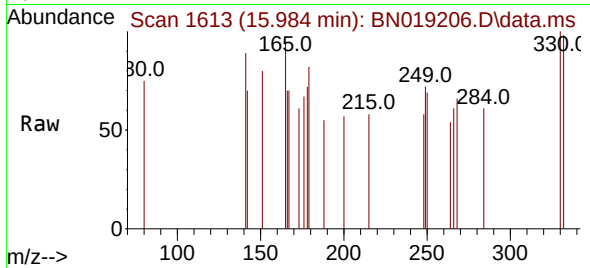




#14
2,4,6-Tribromophenol
Concen: 0.032 ng
RT: 15.984 min Scan# 1
Delta R.T. 0.010 min
Lab File: BN019206.D
Acq: 28 Mar 2022 21:46

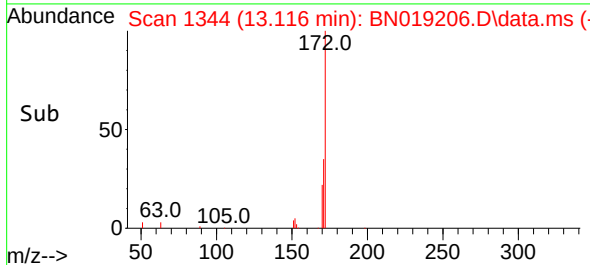
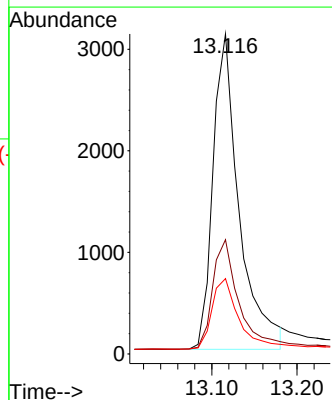
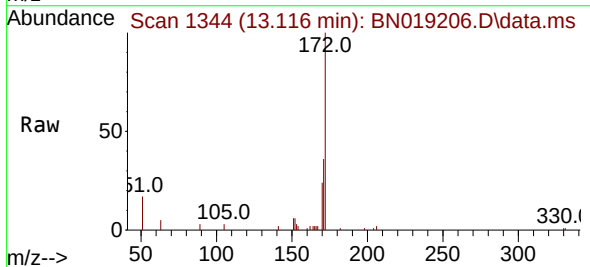
Instrument :
BNA_N
ClientSampleId :
SS2

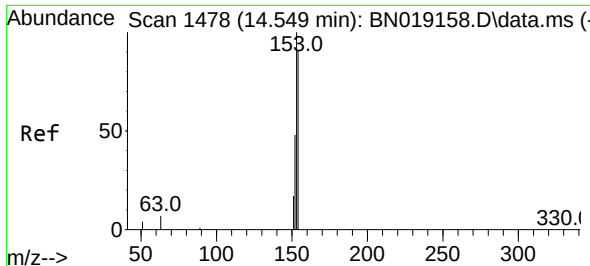
Tgt Ion:330 Resp: 91
Ion Ratio Lower Upper
330 100
332 97.8 76.8 115.2
141 42.9 32.2 48.2



#15
2-Fluorobiphenyl
Concen: 0.269 ng
RT: 13.116 min Scan# 1344
Delta R.T. 0.011 min
Lab File: BN019206.D
Acq: 28 Mar 2022 21:46

Tgt Ion:172 Resp: 6614
Ion Ratio Lower Upper
172 100
171 35.7 28.2 42.2
170 23.5 18.7 28.1

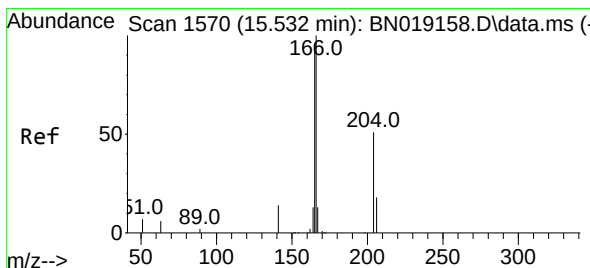
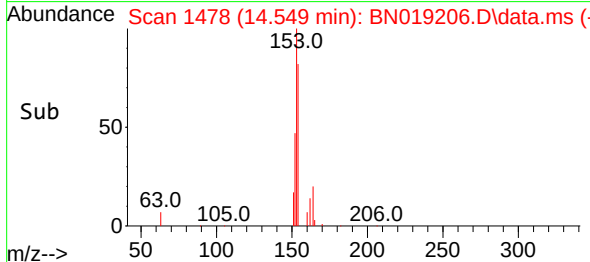
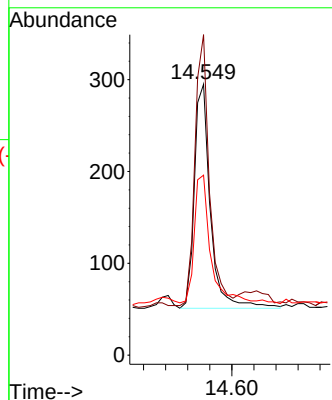
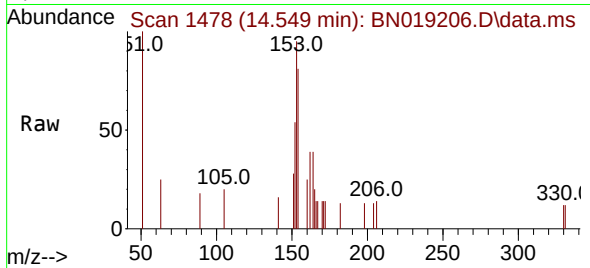




#17
Acenaphthene
Concen: 0.026 ng
RT: 14.549 min Scan# 1478
Delta R.T. -0.000 min
Lab File: BN019206.D
Acq: 28 Mar 2022 21:46

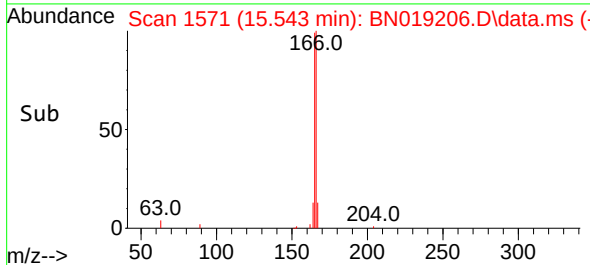
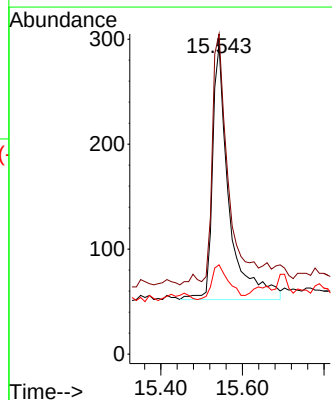
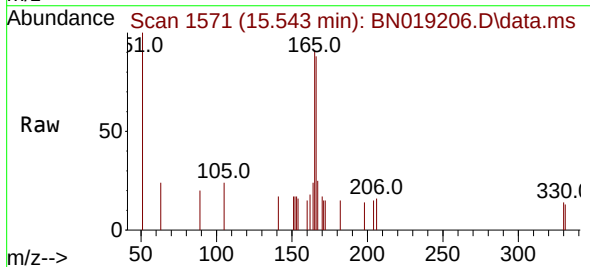
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ClientSampleId :
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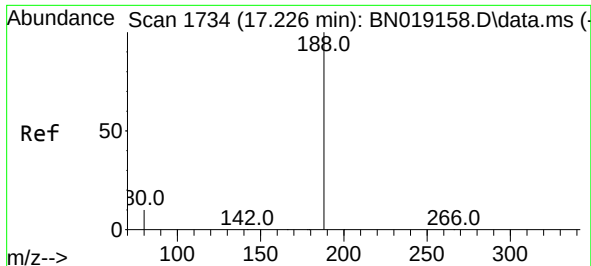
Tgt Ion:154 Resp: 492
Ion Ratio Lower Upper
154 100
153 108.3 89.7 134.5
152 59.3 44.7 67.1



#18
Fluorene
Concen: 0.028 ng
RT: 15.543 min Scan# 1571
Delta R.T. 0.011 min
Lab File: BN019206.D
Acq: 28 Mar 2022 21:46

Tgt Ion:166 Resp: 681
Ion Ratio Lower Upper
166 100
165 91.5 79.2 118.8
167 14.5 10.7 16.1

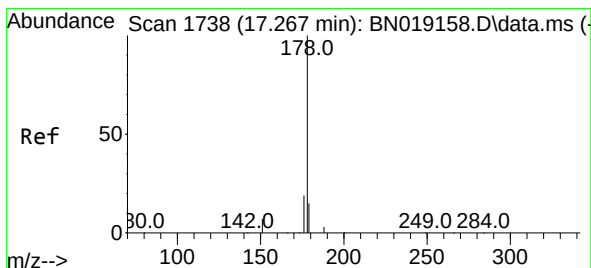
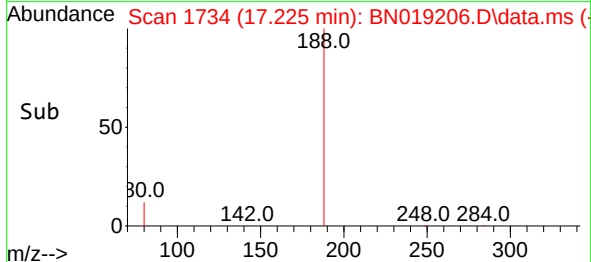
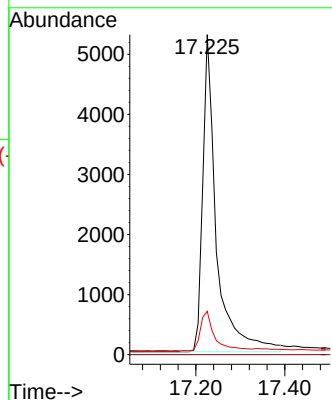
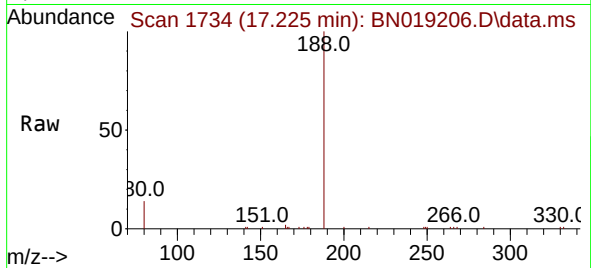




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.225 min Scan# 1734
Delta R.T. -0.000 min
Lab File: BN019206.D
Acq: 28 Mar 2022 21:46

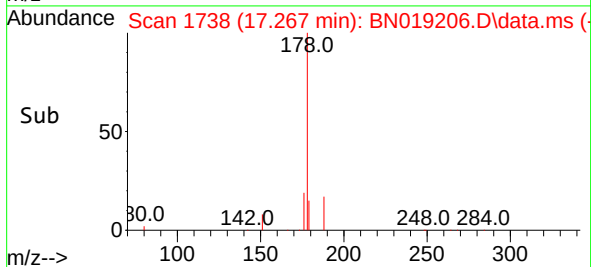
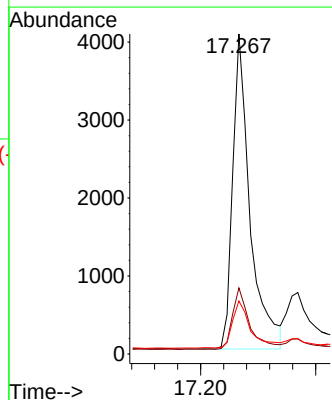
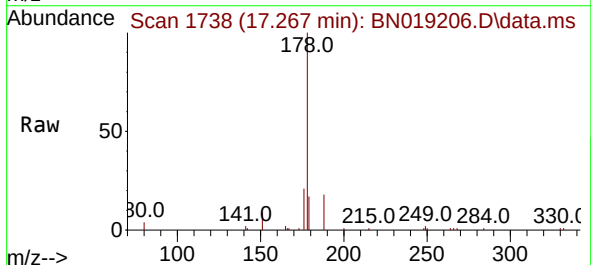
Instrument :
BNA_N
ClientSampleId :
SS2

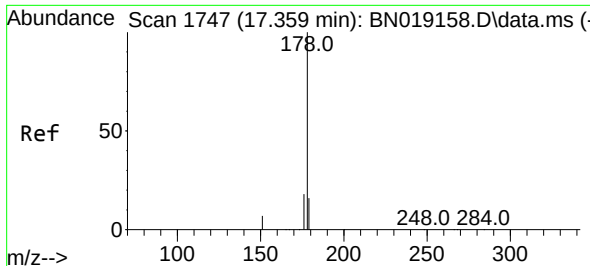
Tgt Ion:188 Resp: 11316
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.6 11.8 17.8



#25
Phenanthrene
Concen: 0.233 ng
RT: 17.267 min Scan# 1738
Delta R.T. -0.000 min
Lab File: BN019206.D
Acq: 28 Mar 2022 21:46

Tgt Ion:178 Resp: 8446
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 16.2 12.2 18.2

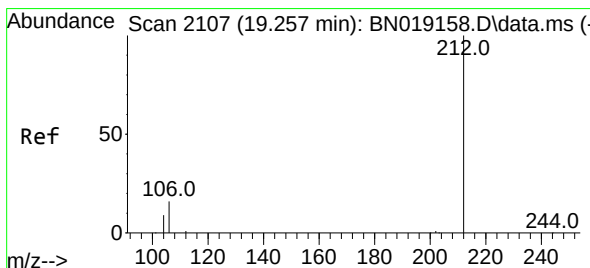
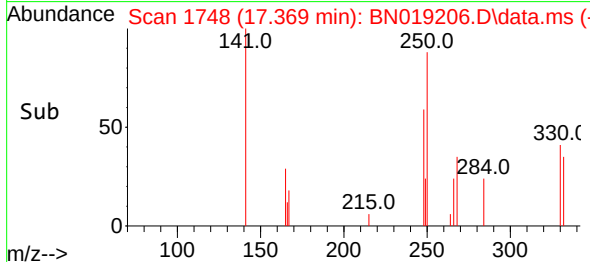
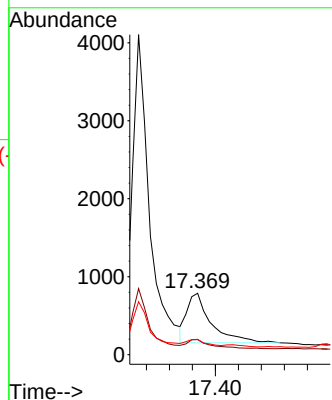
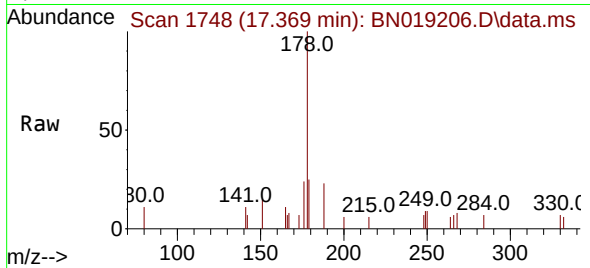




#26
 Anthracene
 Concen: 0.062 ng
 RT: 17.369 min Scan# 117
 Delta R.T. 0.010 min
 Lab File: BN019206.D
 Acq: 28 Mar 2022 21:46

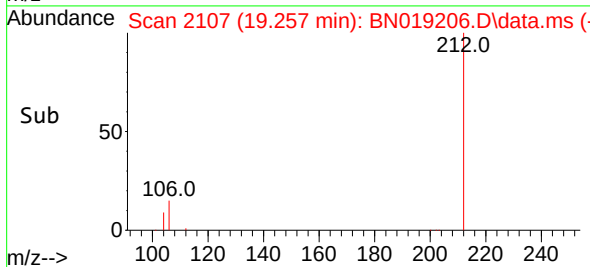
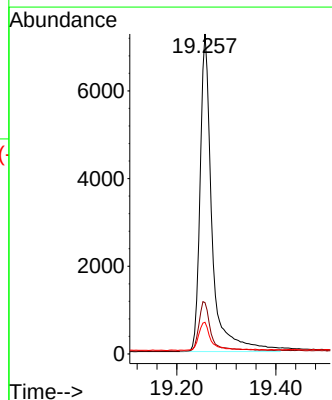
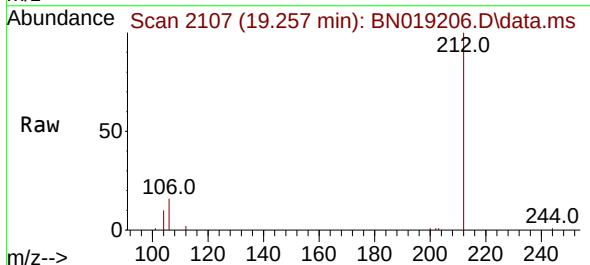
Instrument :
 BNA_N
 ClientSampleId :
 SS2

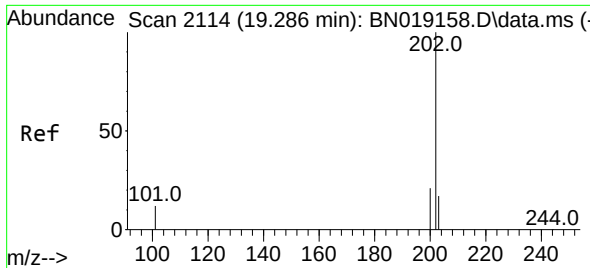
Tgt Ion:178 Resp: 1856
 Ion Ratio Lower Upper
 178 100
 176 18.6 14.8 22.2
 179 8.6 12.2 18.4#



#27
 Fluoranthene-d10
 Concen: 0.368 ng
 RT: 19.257 min Scan# 2107
 Delta R.T. -0.000 min
 Lab File: BN019206.D
 Acq: 28 Mar 2022 21:46

Tgt Ion:212 Resp: 12173
 Ion Ratio Lower Upper
 212 100
 106 16.2 12.7 19.1
 104 9.1 7.1 10.7

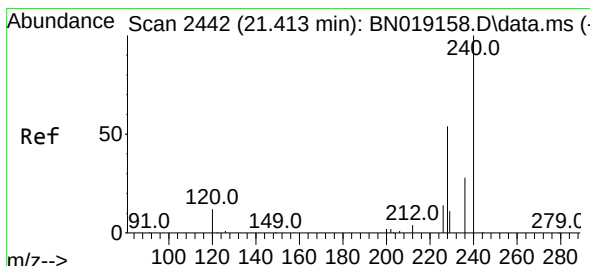
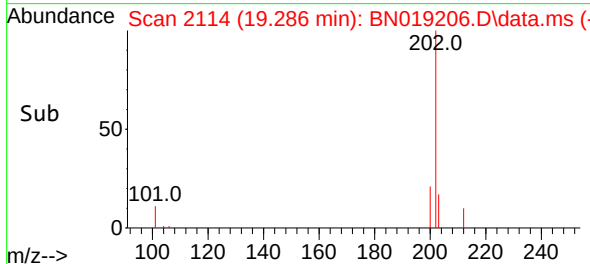
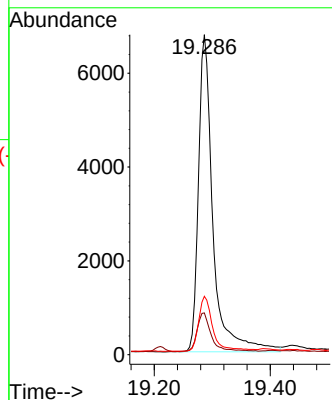
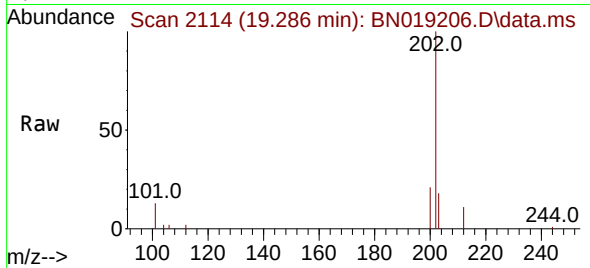




#28
Fluoranthene
Concen: 0.287 ng
RT: 19.286 min Scan# 2114
Delta R.T. -0.000 min
Lab File: BN019206.D
Acq: 28 Mar 2022 21:46

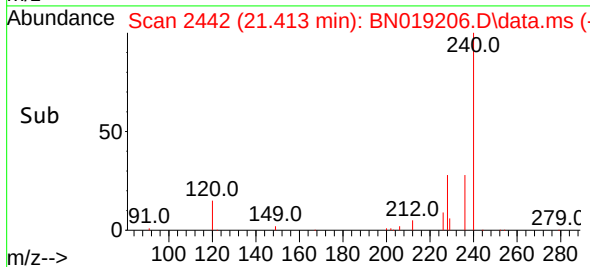
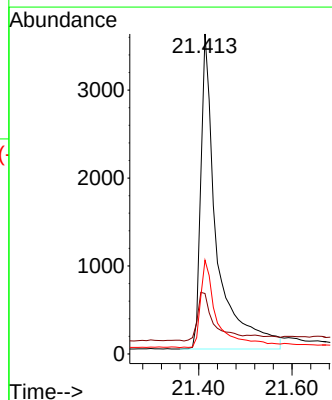
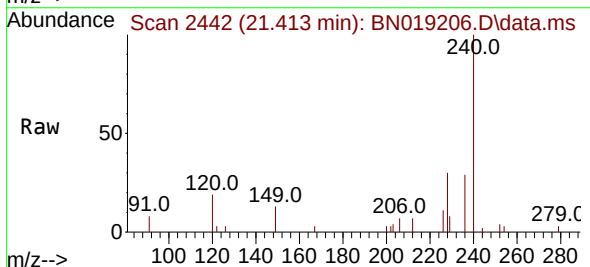
Instrument :
BNA_N
ClientSampleId :
SS2

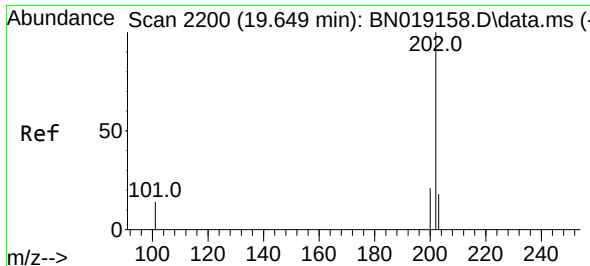
Tgt Ion:202 Resp: 11755
Ion Ratio Lower Upper
202 100
101 11.9 9.8 14.6
203 17.0 13.7 20.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.413 min Scan# 2442
Delta R.T. -0.000 min
Lab File: BN019206.D
Acq: 28 Mar 2022 21:46

Tgt Ion:240 Resp: 8557
Ion Ratio Lower Upper
240 100
120 18.9 8.5 12.7#
236 29.3 22.4 33.6

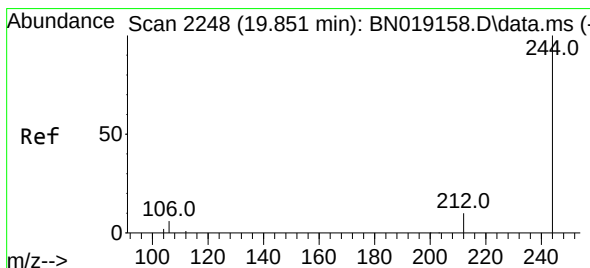
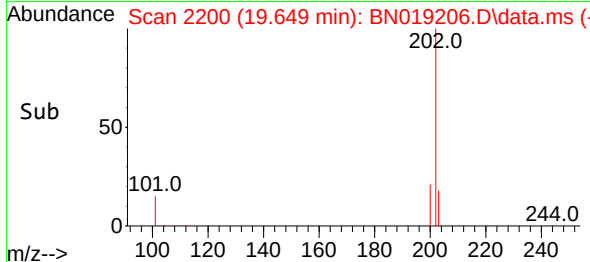
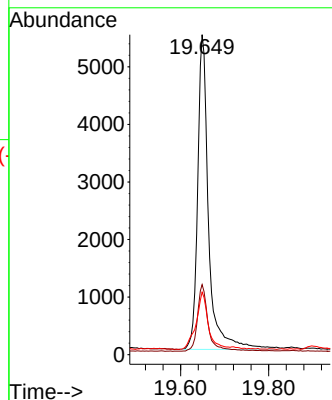
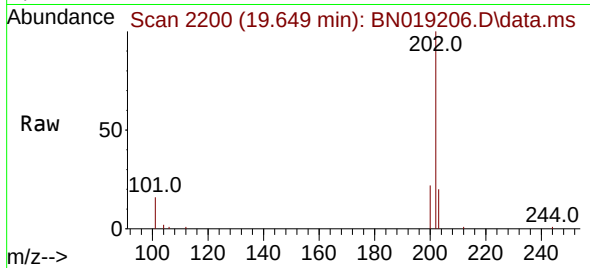




#30
Pyrene
Concen: 0.233 ng
RT: 19.649 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN019206.D
Acq: 28 Mar 2022 21:46

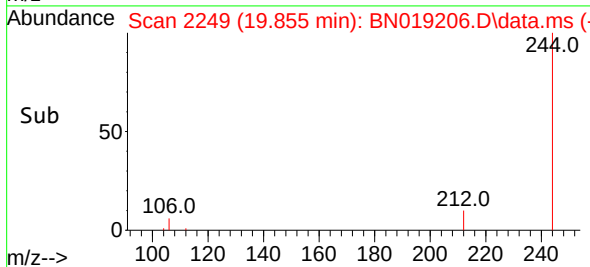
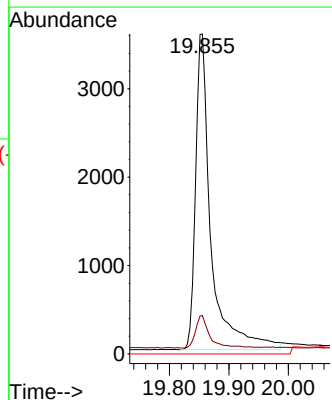
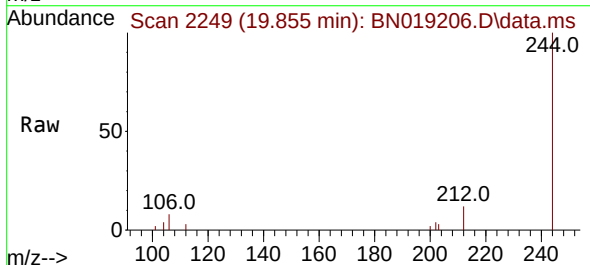
Instrument :
BNA_N
ClientSampleId :
SS2

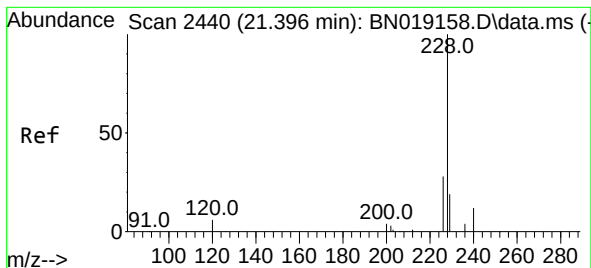
Tgt Ion:202 Resp: 9421
Ion Ratio Lower Upper
202 100
200 20.5 16.9 25.3
203 20.3 14.2 21.2



#31
Terphenyl-d14
Concen: 0.337 ng
RT: 19.855 min Scan# 2249
Delta R.T. 0.004 min
Lab File: BN019206.D
Acq: 28 Mar 2022 21:46

Tgt Ion:244 Resp: 6445
Ion Ratio Lower Upper
244 100
212 12.0 8.2 12.4
122 0.0 0.0 0.0





#32

Benzo(a)anthracene

Concen: 0.119 ng

RT: 21.395 min Scan# 2440

Delta R.T. -0.000 min

Lab File: BN019206.D

Acq: 28 Mar 2022 21:46

Instrument :

BNA_N

ClientSampleId :

SS2

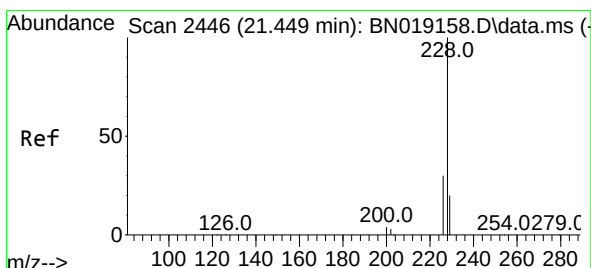
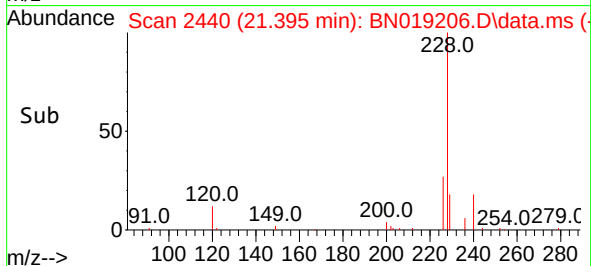
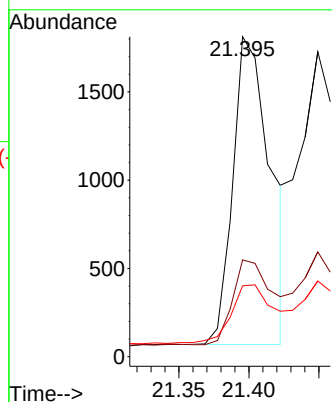
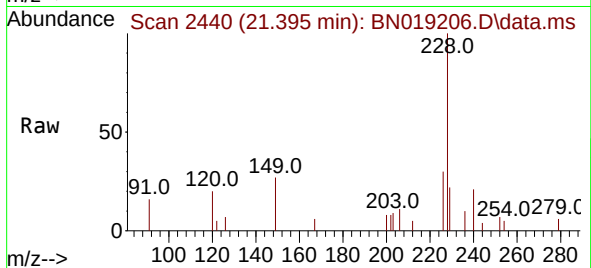
Tgt Ion:228 Resp: 3269

Ion Ratio Lower Upper

228 100

226 30.3 21.9 32.9

229 22.2 16.0 24.0



#33

Chrysene

Concen: 0.092 ng

RT: 21.395 min Scan# 2440

Delta R.T. -0.054 min

Lab File: BN019206.D

Acq: 28 Mar 2022 21:46

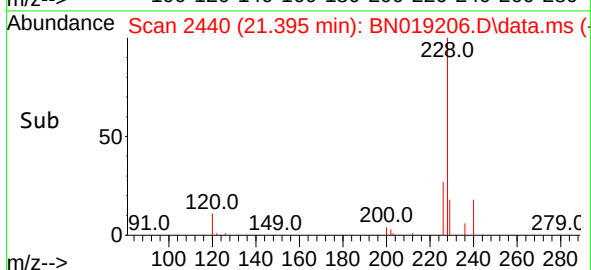
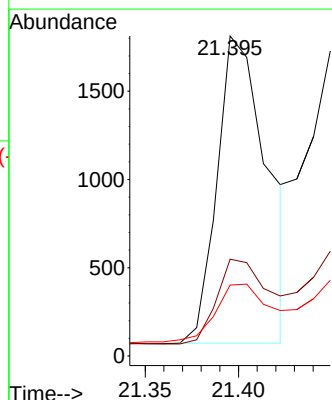
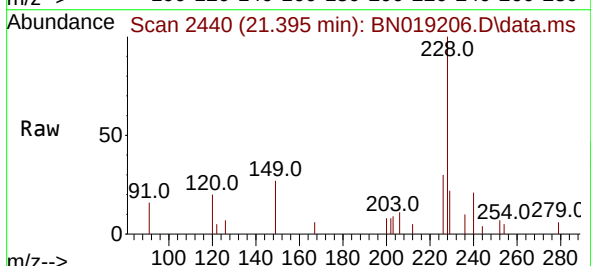
Tgt Ion:228 Resp: 3254

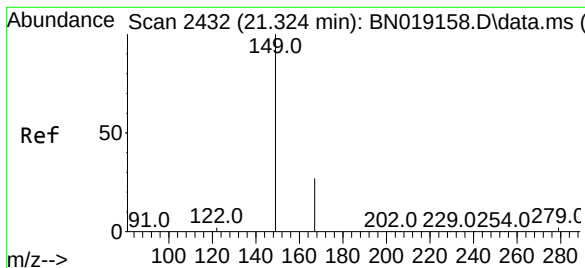
Ion Ratio Lower Upper

228 100

226 30.3 24.0 36.0

229 22.2 15.9 23.9

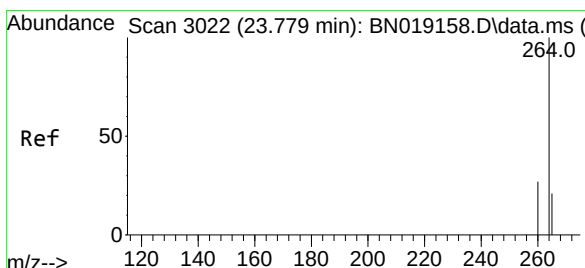
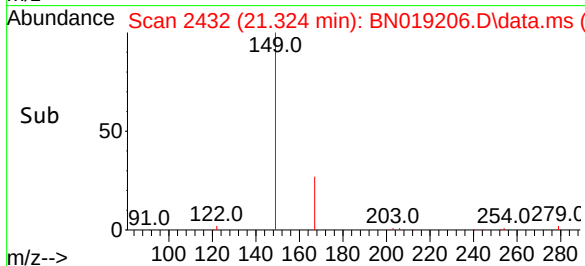
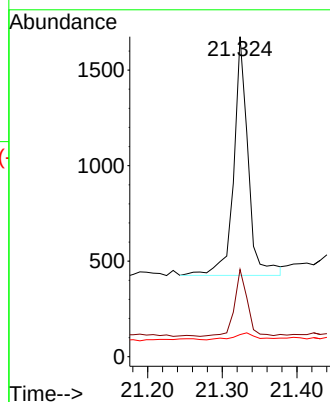
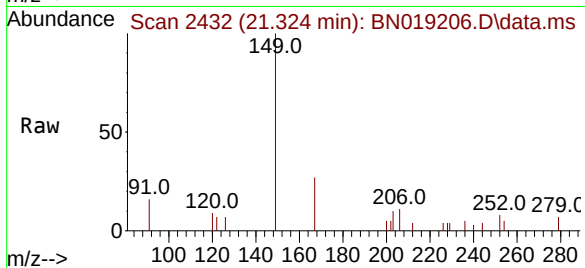




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.100 ng
 RT: 21.324 min Scan# 2432
 Delta R.T. -0.000 min
 Lab File: BN019206.D
 Acq: 28 Mar 2022 21:46

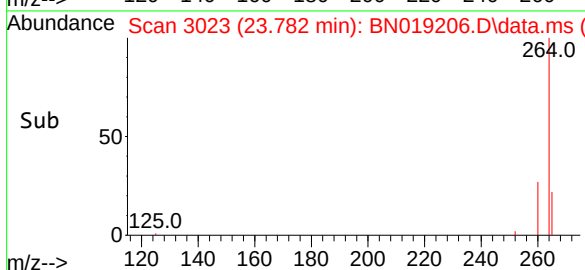
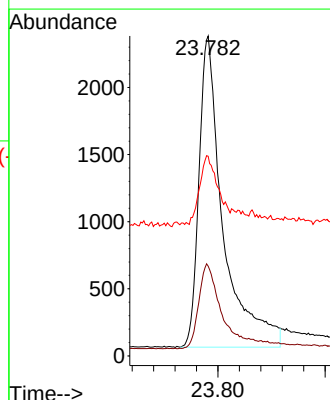
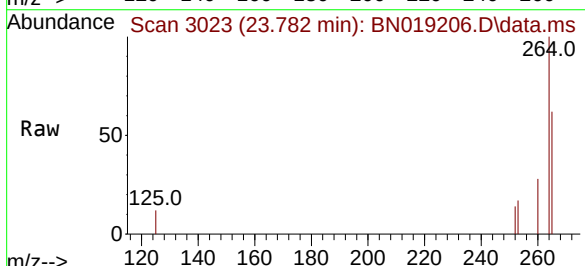
Instrument :
 BNA_N
 ClientSampleId :
 SS2

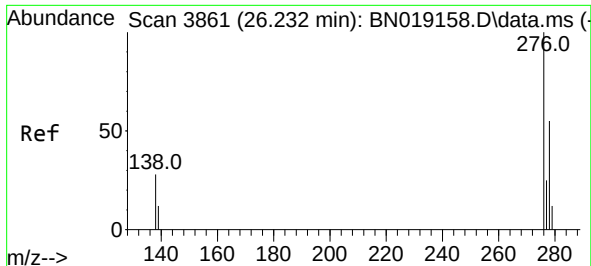
Tgt Ion:149 Resp: 1666
 Ion Ratio Lower Upper
 149 100
 167 25.1 21.8 32.8
 279 4.6 2.0 3.0#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.782 min Scan# 3023
 Delta R.T. 0.003 min
 Lab File: BN019206.D
 Acq: 28 Mar 2022 21:46

Tgt Ion:264 Resp: 7233
 Ion Ratio Lower Upper
 264 100
 260 28.0 22.4 33.6
 265 62.4 25.3 37.9#

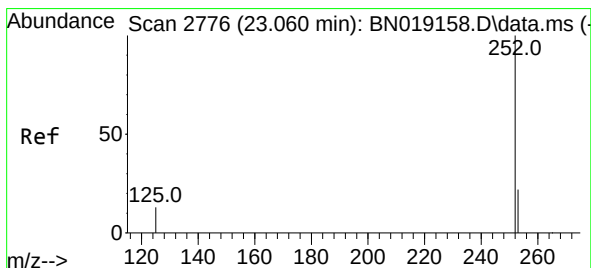
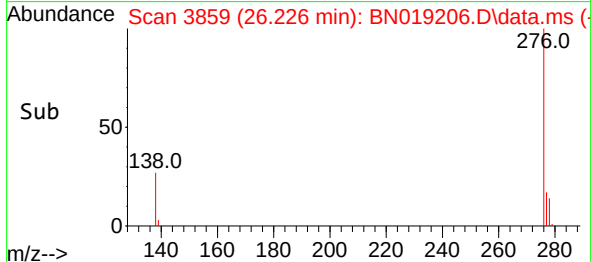
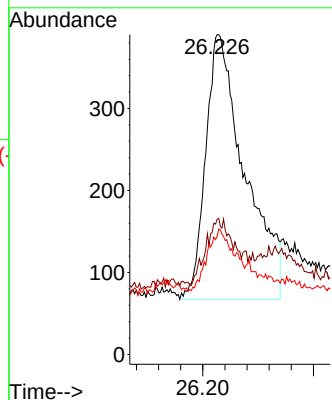
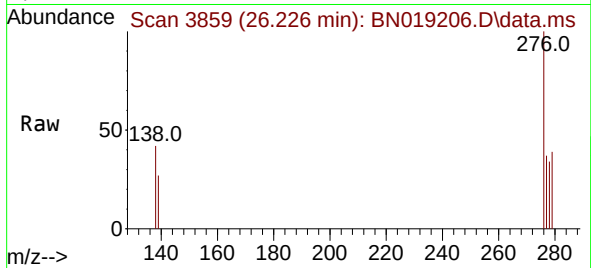




#36
Indeno(1,2,3-cd)pyrene
Concen: 0.055 ng
RT: 26.226 min Scan# 31
Delta R.T. -0.006 min
Lab File: BN019206.D
Acq: 28 Mar 2022 21:46

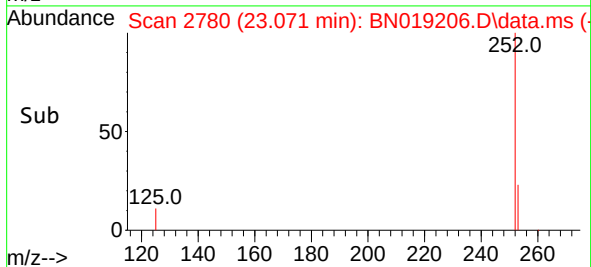
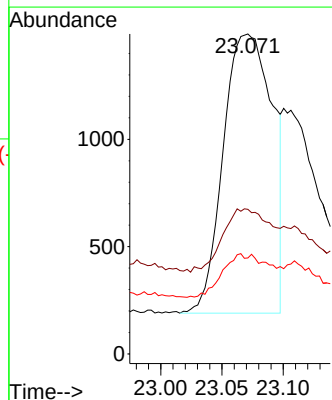
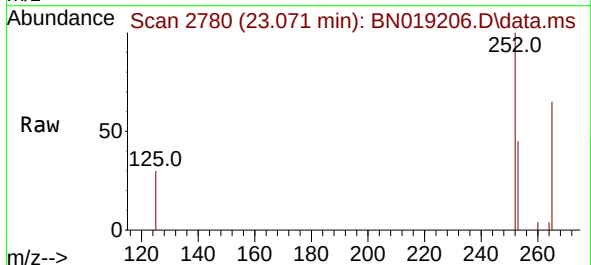
Instrument :
BNA_N
ClientSampleId :
SS2

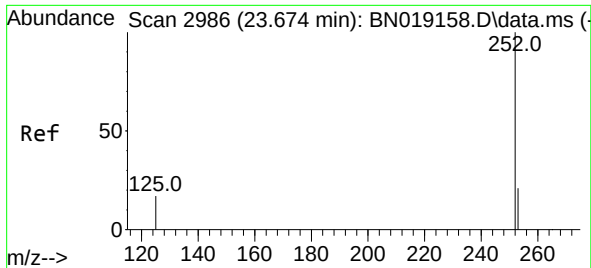
Tgt Ion:276 Resp: 1596
Ion Ratio Lower Upper
276 100
138 10.1 24.5 36.7#
277 13.6 19.8 29.8#



#37
Benzo(b)fluoranthene
Concen: 0.132 ng
RT: 23.071 min Scan# 2780
Delta R.T. 0.012 min
Lab File: BN019206.D
Acq: 28 Mar 2022 21:46

Tgt Ion:252 Resp: 3628
Ion Ratio Lower Upper
252 100
253 45.2 18.9 28.3#
125 30.0 12.1 18.1#

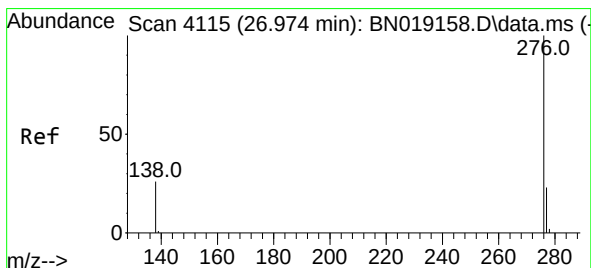
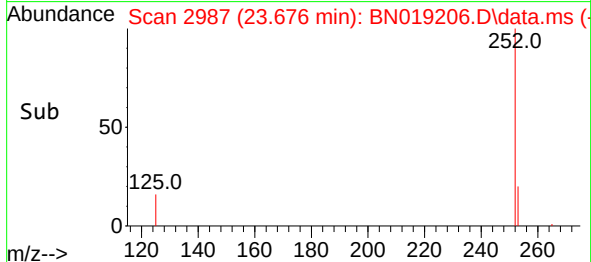
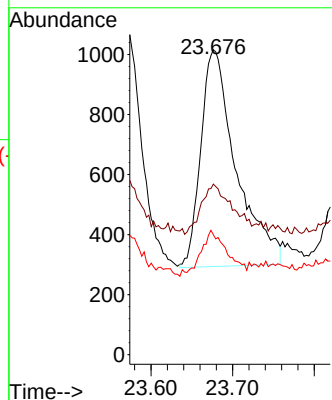
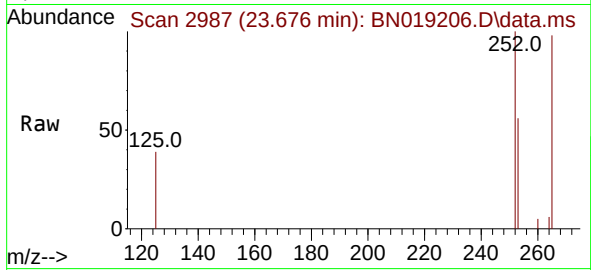




#39
Benzo(a)pyrene
Concen: 0.092 ng
RT: 23.676 min Scan# 2986
Delta R.T. 0.003 min
Lab File: BN019206.D
Acq: 28 Mar 2022 21:46

Instrument :
BNA_N
ClientSampleId :
SS2

Tgt Ion:252 Resp: 2171
Ion Ratio Lower Upper
252 100
253 55.9 20.1 30.1#
125 39.4 15.2 22.8#



#41
Benzo(g,h,i)perylene
Concen: 0.062 ng
RT: 26.971 min Scan# 4114
Delta R.T. -0.003 min
Lab File: BN019206.D
Acq: 28 Mar 2022 21:46

Tgt Ion:276 Resp: 1859
Ion Ratio Lower Upper
276 100
277 32.9 19.4 29.0#
138 37.4 21.0 31.6#

