

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040422\
 Data File : BN019343.D
 Acq On : 05 Apr 2022 07:45
 Operator : CG/JU
 Sample : N2237-07 10X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A01040

Quant Time: Apr 05 08:51:59 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN040422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 04 17:40:00 2022
 Response via : Initial Calibration

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

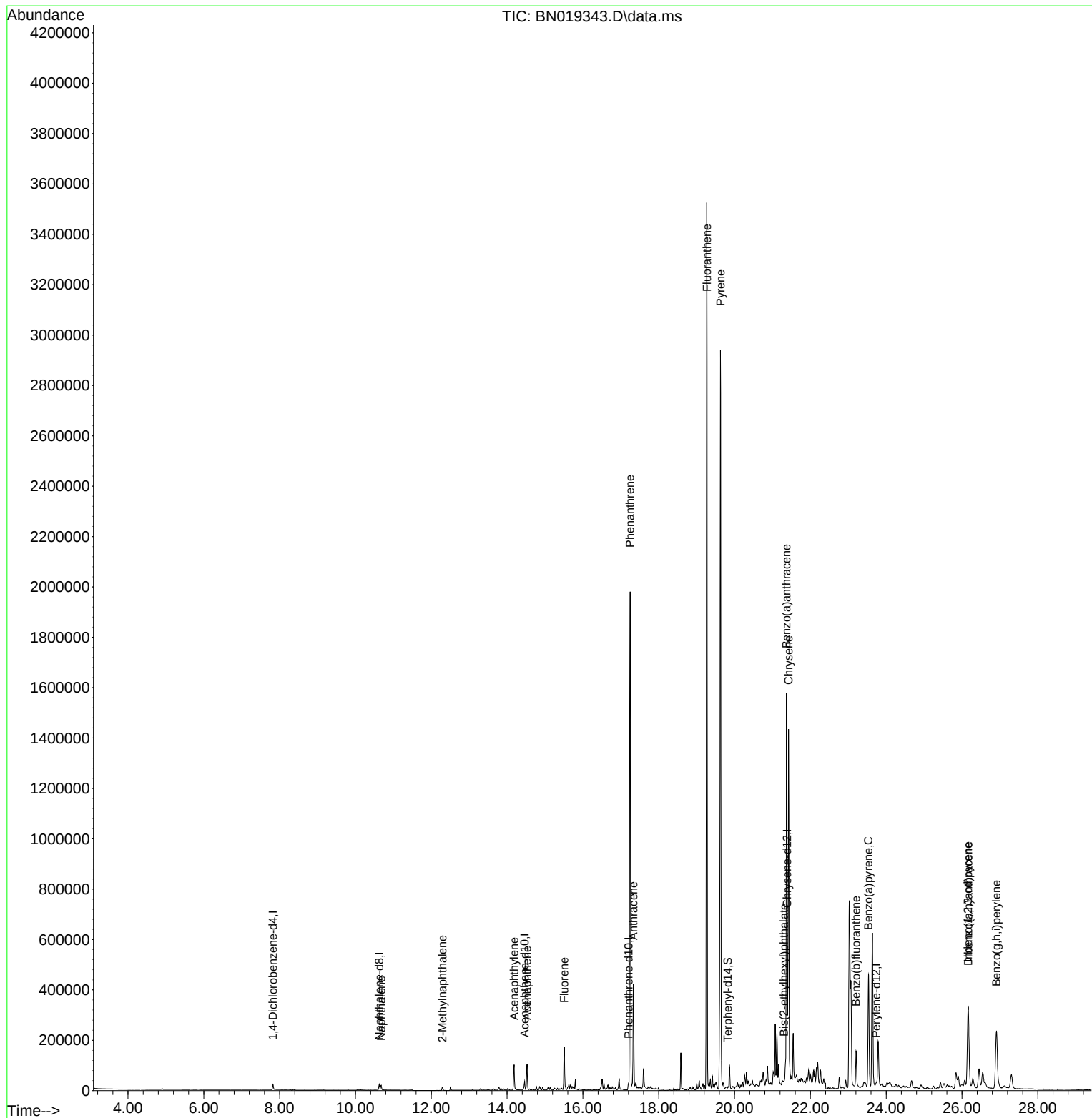
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.825	152	10057	0.400	ng	0.00
7) Naphthalene-d8	10.626	136	30784	0.400	ng	# 0.00
13) Acenaphthene-d10	14.463	164	18444	0.400	ng	0.00
19) Phenanthrene-d10	17.205	188	36466	0.400	ng	# 0.00
29) Chrysene-d12	21.386	240	19104	0.400	ng	# 0.00
35) Perylene-d12	23.738	264	18894	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	437	0.016	ng	0.00
5) Phenol-d6	6.995	99	461	0.014	ng	0.00
8) Nitrobenzene-d5	8.993	82	391	0.014	ng	0.01
11) 2-Methylnaphthalene-d10	12.223	152	962	0.018	ng	0.00
14) 2,4,6-Tribromophenol	15.954	330	144	0.013	ng	0.00
15) 2-Fluorobiphenyl	13.095	172	1332	0.017	ng	0.00
27) Fluoranthene-d10	19.236	212	1450	0.012	ng	0.00
31) Terphenyl-d14	19.822	244	3003	0.072	ng	-0.01
Target Compounds						
						Qvalue
9) Naphthalene	10.680	128	27329	0.301	ng	100
12) 2-Methylnaphthalene	12.291	142	11750	0.187	ng	98
16) Acenaphthylene	14.185	152	120347	1.315	ng	100
17) Acenaphthene	14.527	154	50550	0.830	ng	98
18) Fluorene	15.511	166	106550	1.326	ng	99
25) Phenanthrene	17.246	178	2027792	16.573	ng	100
26) Anthracene	17.328	178	456579	4.244	ng	97
28) Fluoranthene	19.270	202	3358259	23.142	ng	99
30) Pyrene	19.628	202	2850706	32.071	ng	# 93
32) Benzo(a)anthracene	21.369	228	1460673	20.693	ng	98
33) Chrysene	21.422	228	1261728	16.087	ng	97
34) Bis(2-ethylhexyl)phtha...	21.306	149	1906	0.036	ng	# 84
36) Indeno(1,2,3-cd)pyrene	26.161	276	533227	6.743	ng	# 91
37) Benzo(b)fluoranthene	23.206	252	110802	1.497	ng	95
39) Benzo(a)pyrene	23.533	252	628760	9.452	ng	95
40) Dibenzo(a,h)anthracene	26.167	278	140338	2.293	ng	97
41) Benzo(g,h,i)perylene	26.910	276	530866	7.241	ng	97

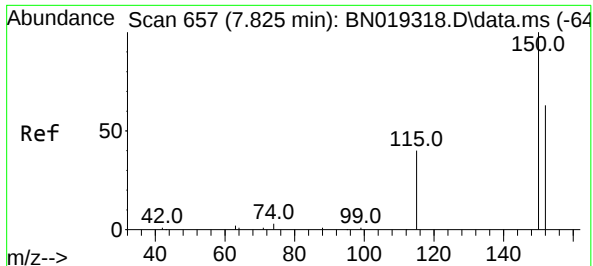
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040422\
Data File : BN019343.D
Acq On : 05 Apr 2022 07:45
Operator : CG/JU
Sample : N2237-07 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A01040

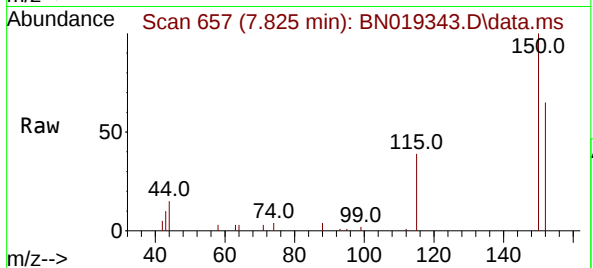
Quant Time: Apr 05 08:51:59 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN040422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 04 17:40:00 2022
Response via : Initial Calibration



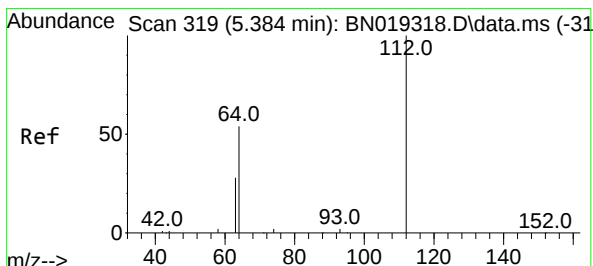
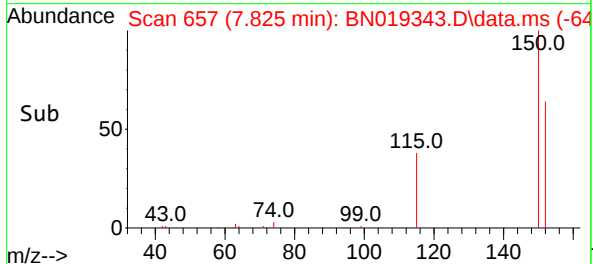
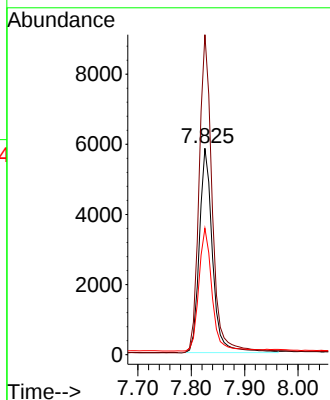


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.825 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN019343.D
Acq: 05 Apr 2022 07:45

Instrument :
BNA_N
ClientSampleId :
A01040

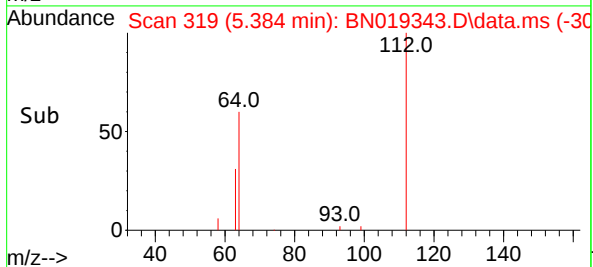
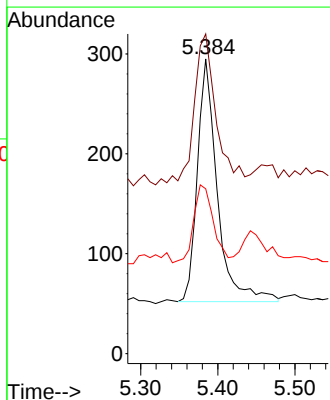
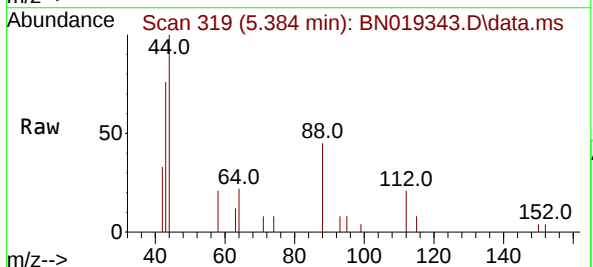


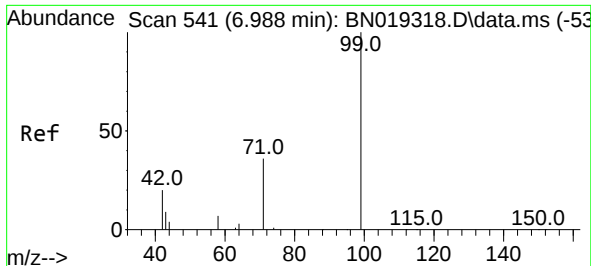
Tgt Ion:152 Resp: 10057
Ion Ratio Lower Upper
152 100
150 155.0 123.9 185.9
115 61.2 48.2 72.4



#4
2-Fluorophenol
Concen: 0.016 ng
RT: 5.384 min Scan# 319
Delta R.T. 0.000 min
Lab File: BN019343.D
Acq: 05 Apr 2022 07:45

Tgt Ion:112 Resp: 437
Ion Ratio Lower Upper
112 100
64 69.3 47.8 71.8
63 31.4 25.7 38.5

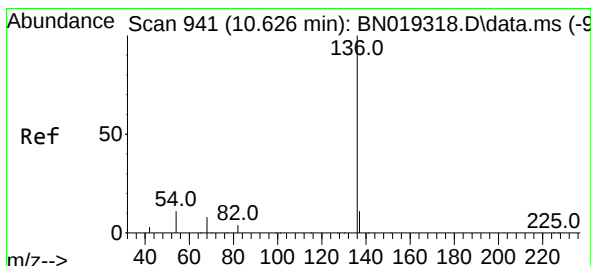
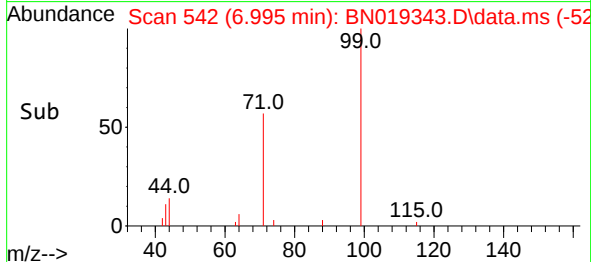
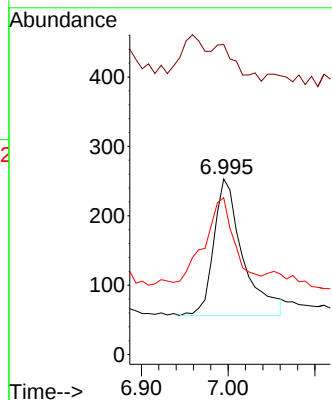
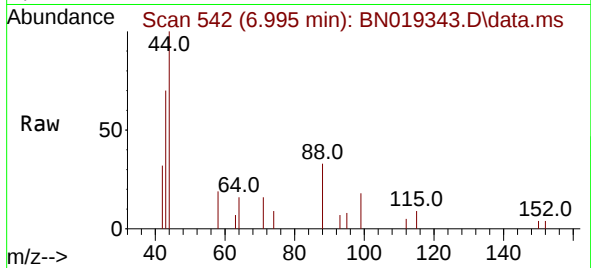




#5
Phenol-d6
Concen: 0.014 ng
RT: 6.995 min Scan# 541
Delta R.T. 0.007 min
Lab File: BN019343.D
Acq: 05 Apr 2022 07:45

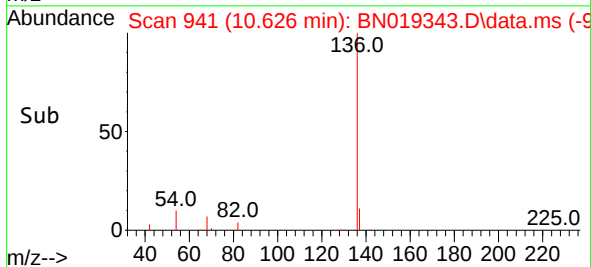
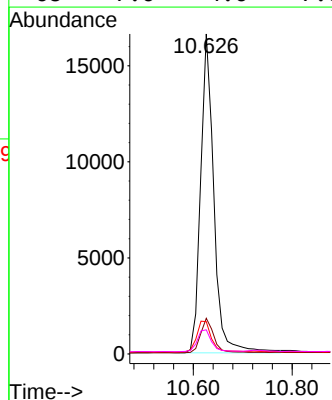
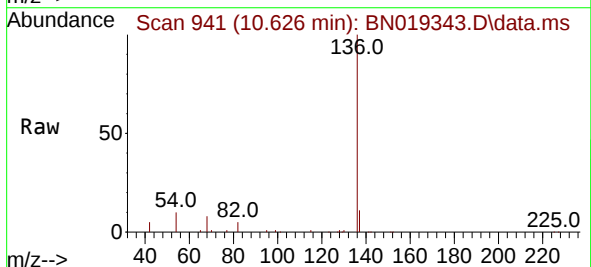
Instrument :
BNA_N
ClientSampleId :
A01040

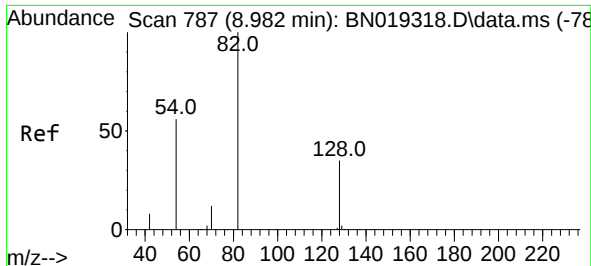
Tgt Ion: 99 Resp: 461
Ion Ratio Lower Upper
99 100
42 0.0 16.2 24.4#
71 62.0 27.7 41.5#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.626 min Scan# 941
Delta R.T. 0.000 min
Lab File: BN019343.D
Acq: 05 Apr 2022 07:45

Tgt Ion: 136 Resp: 30784
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 10.1 5.8 8.6#
68 7.6 4.6 7.0#

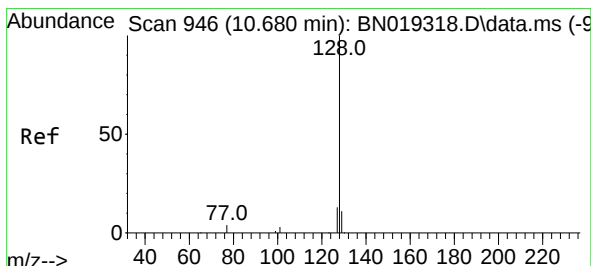
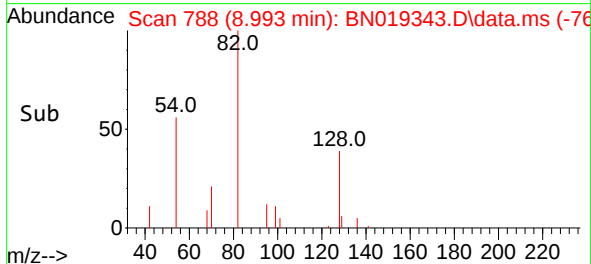
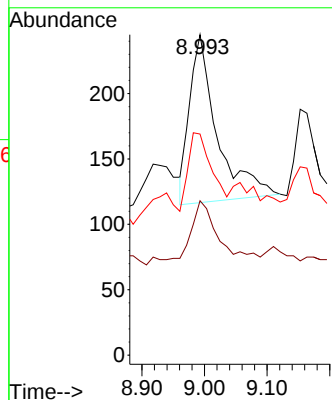
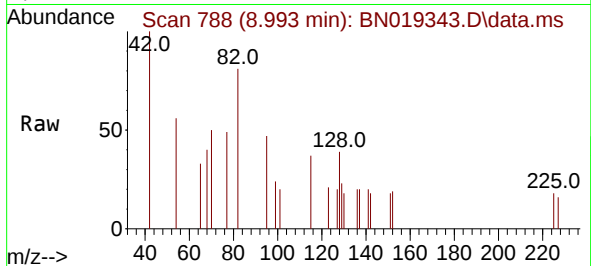




#8
 Nitrobenzene-d5
 Concen: 0.014 ng
 RT: 8.993 min Scan# 787
 Delta R.T. 0.011 min
 Lab File: BN019343.D
 Acq: 05 Apr 2022 07:45

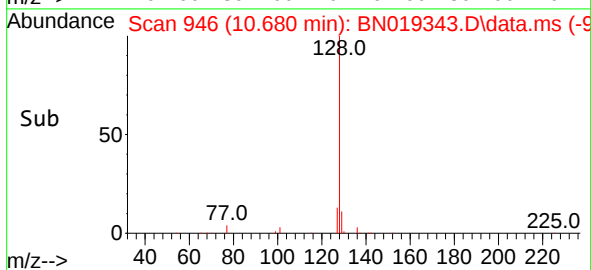
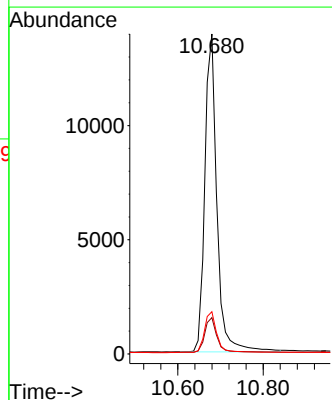
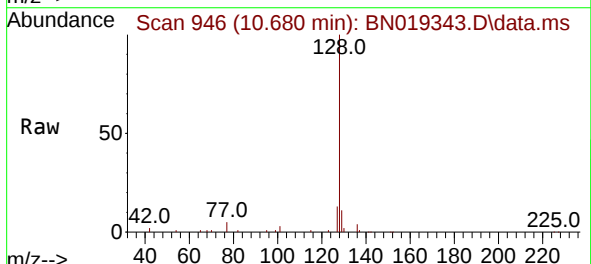
Instrument :
 BNA_N
 ClientSampleId :
 A01040

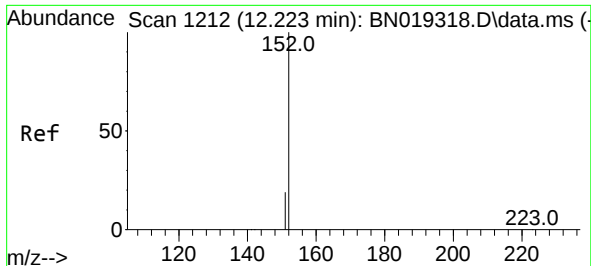
Tgt Ion: 82 Resp: 391
 Ion Ratio Lower Upper
 82 100
 128 48.2 33.0 49.6
 54 69.0 42.5 63.7#



#9
 Naphthalene
 Concen: 0.301 ng
 RT: 10.680 min Scan# 946
 Delta R.T. 0.000 min
 Lab File: BN019343.D
 Acq: 05 Apr 2022 07:45

Tgt Ion: 128 Resp: 27329
 Ion Ratio Lower Upper
 128 100
 129 11.4 9.0 13.4
 127 13.2 10.7 16.1

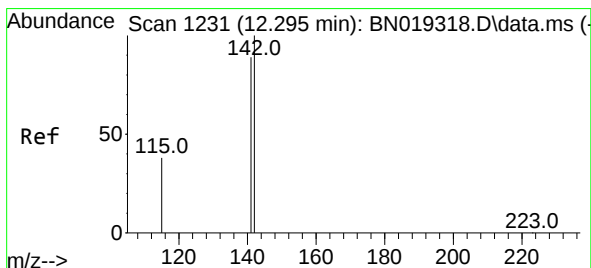
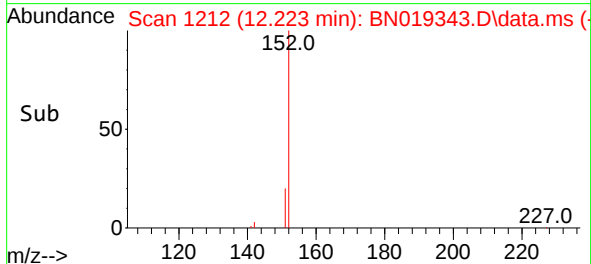
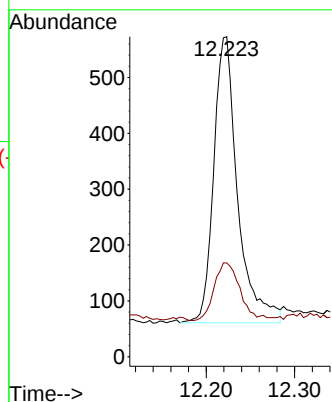
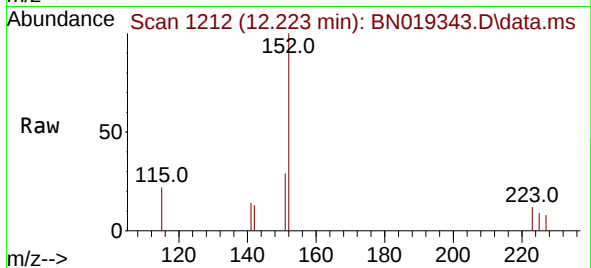




#11
2-Methylnaphthalene-d10
Concen: 0.018 ng
RT: 12.223 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN019343.D
Acq: 05 Apr 2022 07:45

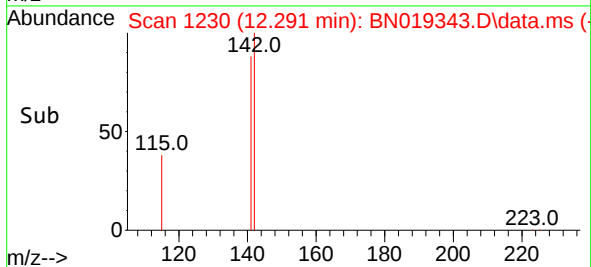
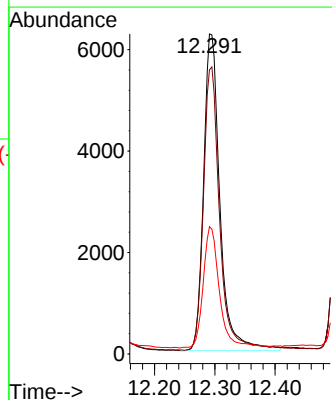
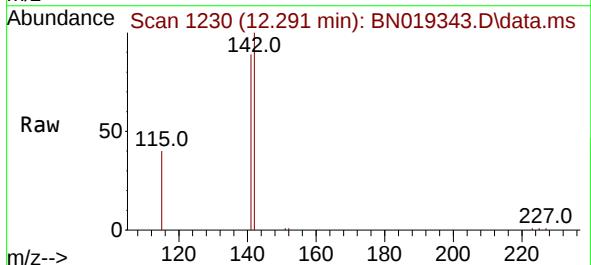
Instrument :
BNA_N
ClientSampleId :
A01040

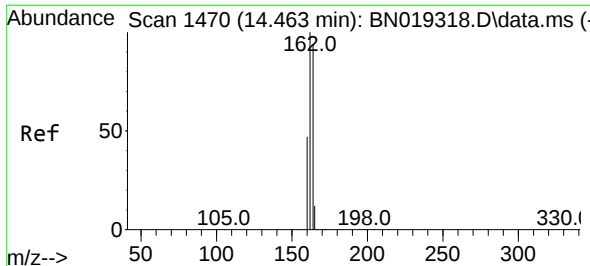
Tgt Ion:152 Resp: 962
Ion Ratio Lower Upper
152 100
151 21.8 16.5 24.7



#12
2-Methylnaphthalene
Concen: 0.187 ng
RT: 12.291 min Scan# 1230
Delta R.T. -0.004 min
Lab File: BN019343.D
Acq: 05 Apr 2022 07:45

Tgt Ion:142 Resp: 11750
Ion Ratio Lower Upper
142 100
141 88.8 70.0 105.0
115 39.8 29.8 44.8

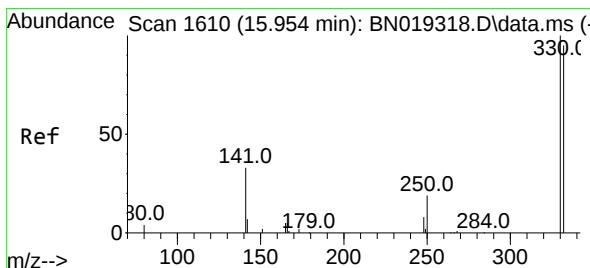
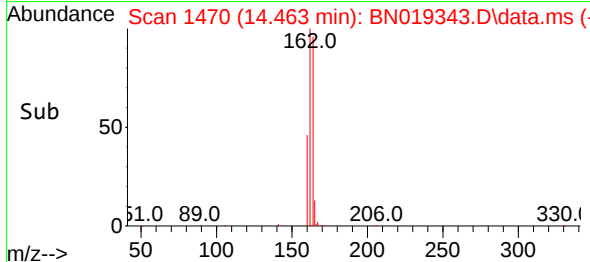
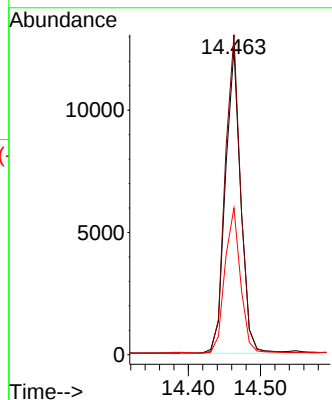
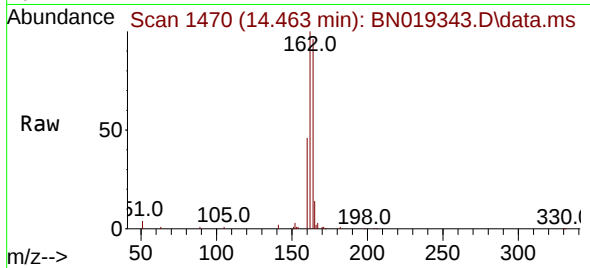




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.463 min Scan# 1470
Delta R.T. 0.000 min
Lab File: BN019343.D
Acq: 05 Apr 2022 07:45

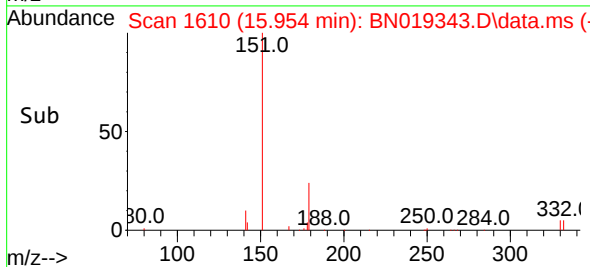
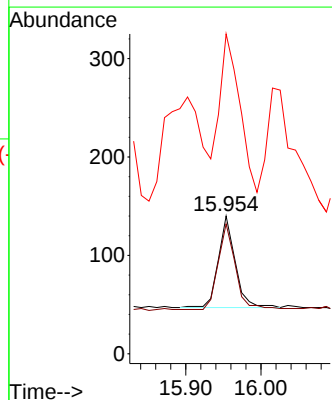
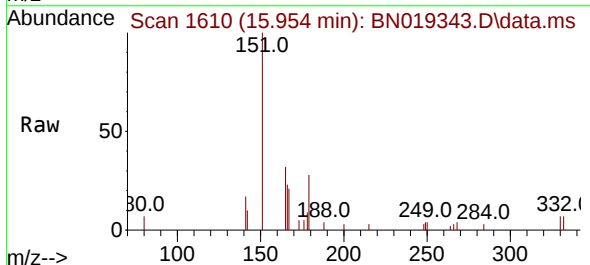
Instrument :
BNA_N
ClientSampleId :
A01040

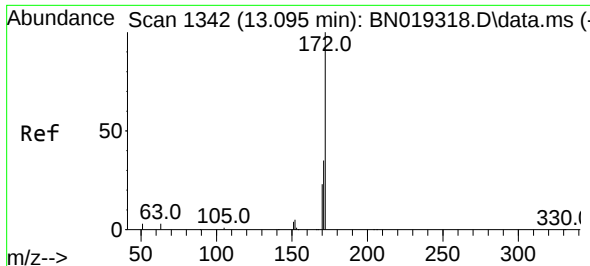
Tgt Ion:164 Resp: 18444
Ion Ratio Lower Upper
164 100
162 104.4 85.2 127.8
160 47.9 41.5 62.3



#14
2,4,6-Tribromophenol
Concen: 0.013 ng
RT: 15.954 min Scan# 1610
Delta R.T. 0.000 min
Lab File: BN019343.D
Acq: 05 Apr 2022 07:45

Tgt Ion:330 Resp: 144
Ion Ratio Lower Upper
330 100
332 95.8 76.8 115.2
141 201.4 32.2 48.2#

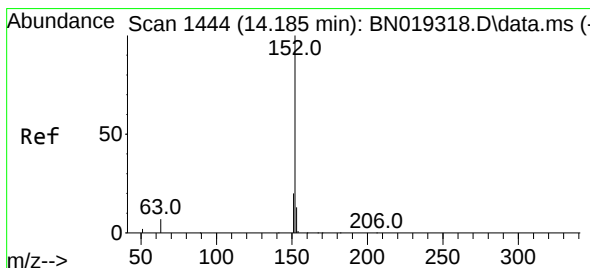
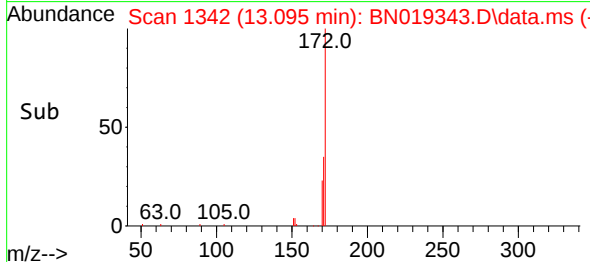
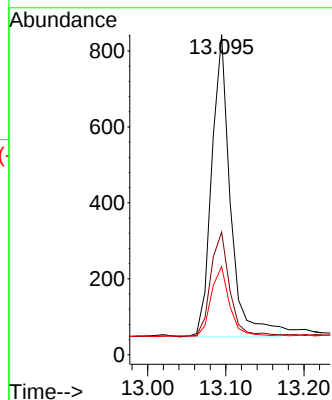
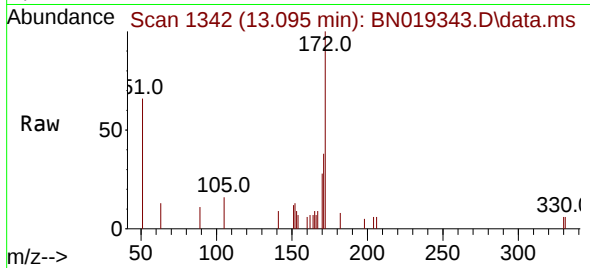




#15
2-Fluorobiphenyl
Concen: 0.017 ng
RT: 13.095 min Scan# 1342
Delta R.T. 0.000 min
Lab File: BN019343.D
Acq: 05 Apr 2022 07:45

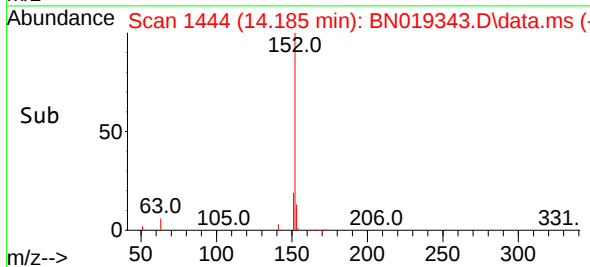
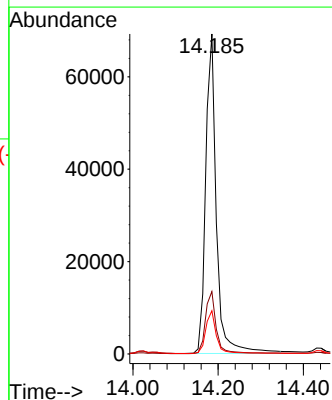
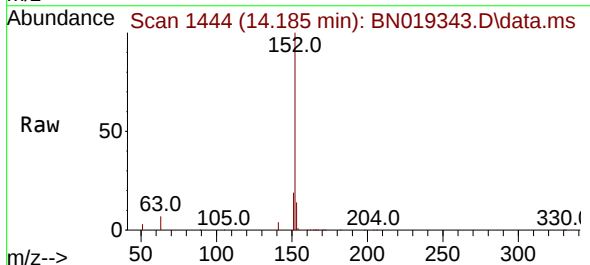
Instrument :
BNA_N
ClientSampleId :
A01040

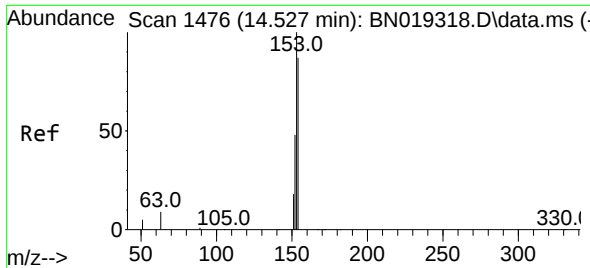
Tgt Ion:	172	Resp:	1332
Ion Ratio	Lower	Upper	
172	100		
171	38.3	28.2	42.2
170	27.5	18.7	28.1



#16
Acenaphthylene
Concen: 1.315 ng
RT: 14.185 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BN019343.D
Acq: 05 Apr 2022 07:45

Tgt Ion:	152	Resp:	120347
Ion Ratio	Lower	Upper	
152	100		
151	19.8	15.9	23.9
153	13.5	10.6	15.8

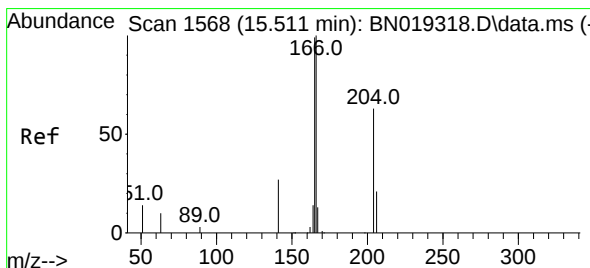
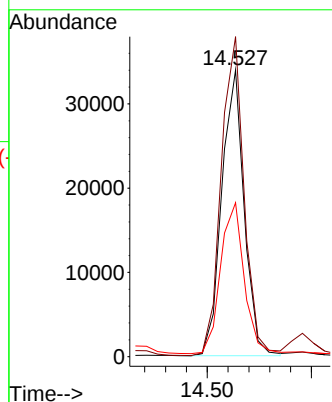
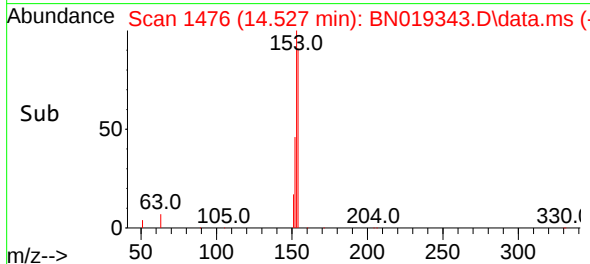
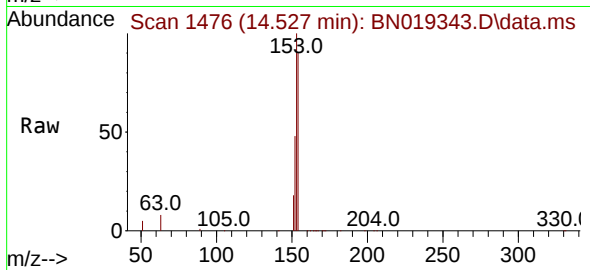




#17
Acenaphthene
Concen: 0.830 ng
RT: 14.527 min Scan# 1476
Delta R.T. 0.000 min
Lab File: BN019343.D
Acq: 05 Apr 2022 07:45

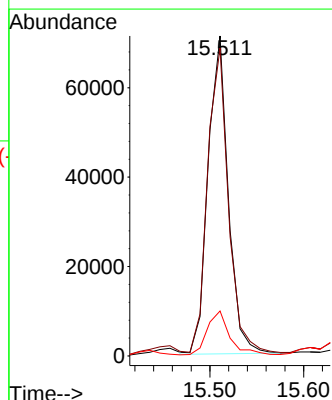
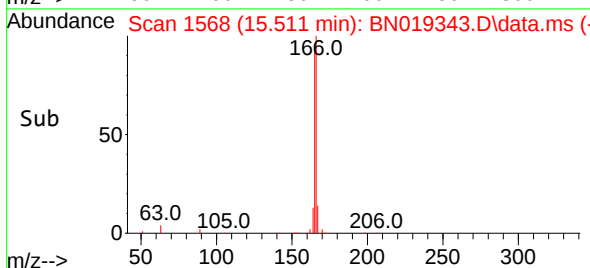
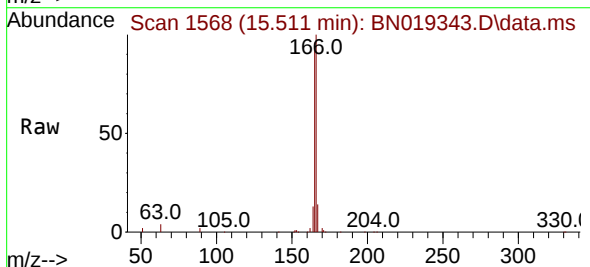
Instrument :
BNA_N
ClientSampleId :
A01040

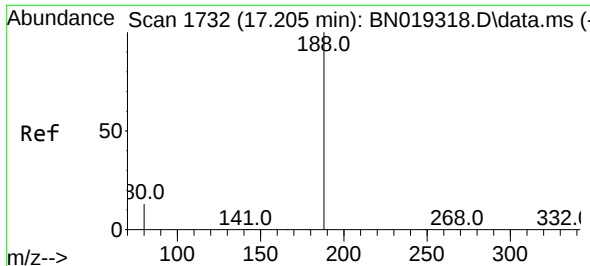
Tgt Ion:154 Resp: 50550
Ion Ratio Lower Upper
154 100
153 114.4 89.7 134.5
152 57.1 44.7 67.1



#18
Fluorene
Concen: 1.326 ng
RT: 15.511 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BN019343.D
Acq: 05 Apr 2022 07:45

Tgt Ion:166 Resp: 106550
Ion Ratio Lower Upper
166 100
165 98.4 79.2 118.8
167 15.4 10.7 16.1

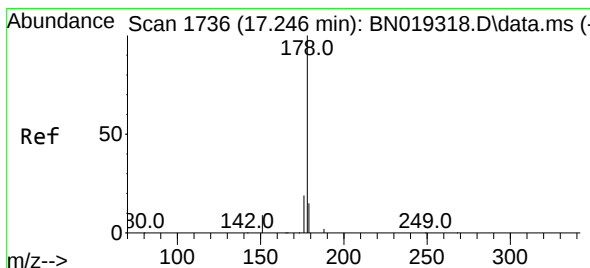
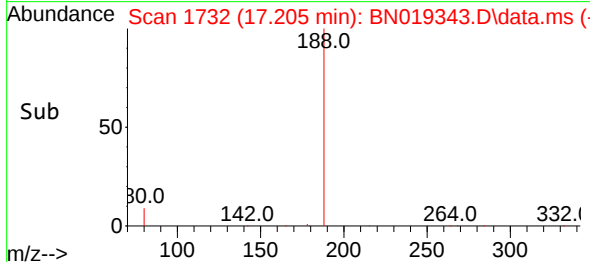
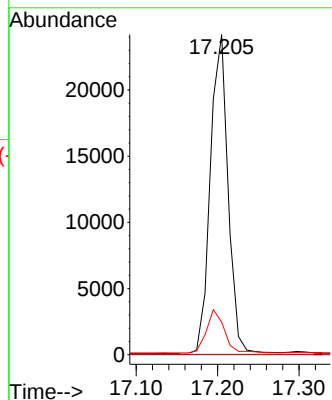
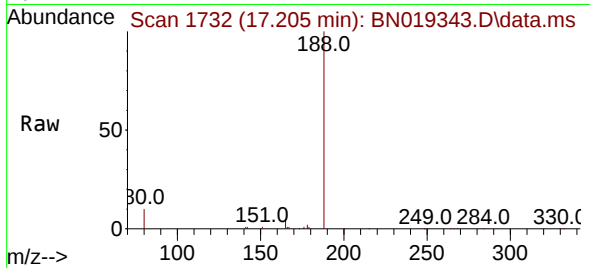




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.205 min Scan# 1732
Delta R.T. 0.000 min
Lab File: BN019343.D
Acq: 05 Apr 2022 07:45

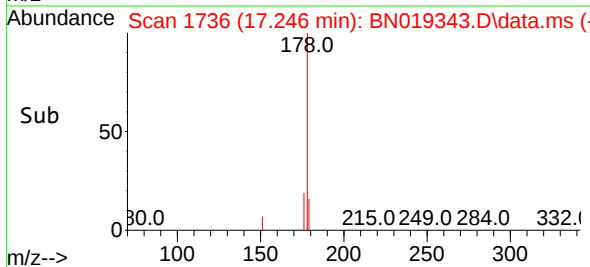
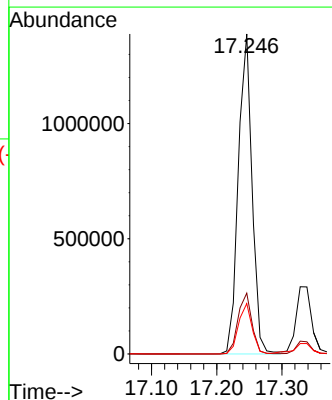
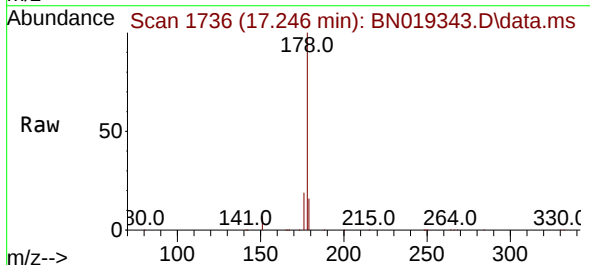
Instrument :
BNA_N
ClientSampleId :
A01040

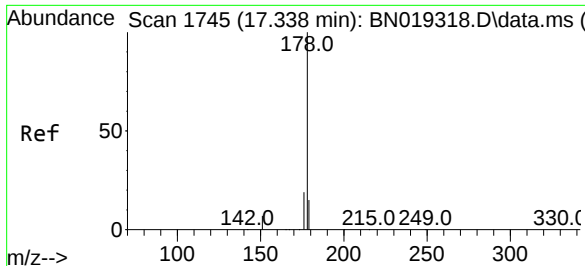
Tgt Ion:188 Resp: 36466
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.2 11.8 17.8#



#25
Phenanthrene
Concen: 16.573 ng
RT: 17.246 min Scan# 1736
Delta R.T. 0.000 min
Lab File: BN019343.D
Acq: 05 Apr 2022 07:45

Tgt Ion:178 Resp: 2027792
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.6 12.2 18.2

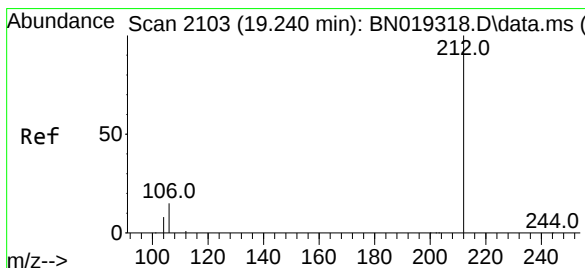
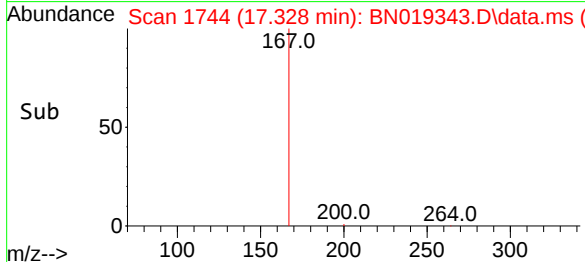
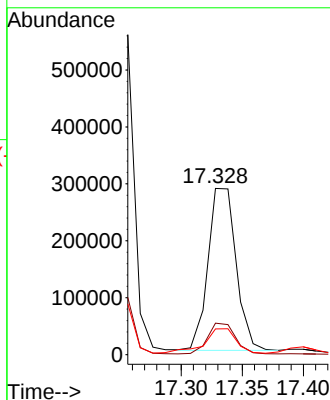
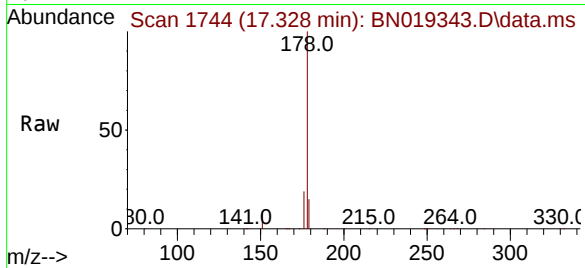




#26
 Anthracene
 Concen: 4.244 ng
 RT: 17.328 min Scan# 1744
 Delta R.T. -0.010 min
 Lab File: BN019343.D
 Acq: 05 Apr 2022 07:45

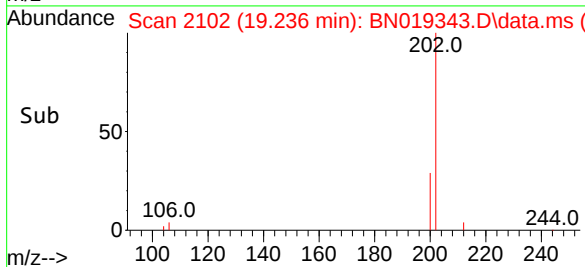
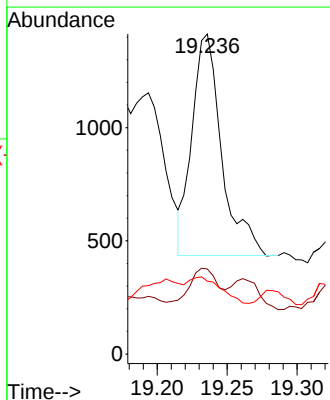
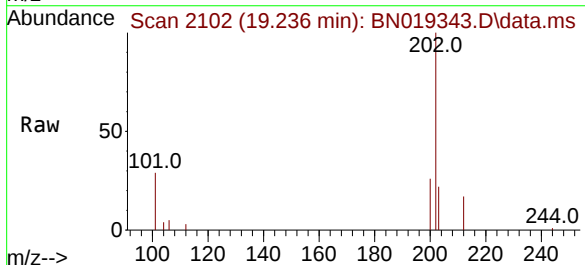
Instrument :
 BNA_N
 ClientSampleId :
 A01040

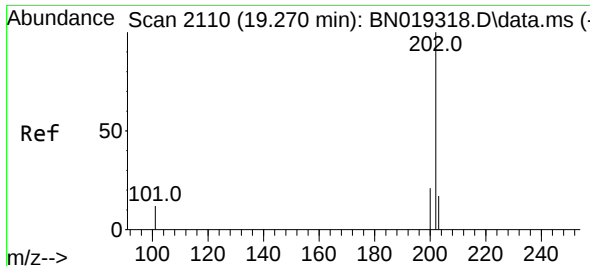
Tgt Ion:178 Resp: 456579
 Ion Ratio Lower Upper
 178 100
 176 19.5 14.8 22.2
 179 16.7 12.2 18.4



#27
 Fluoranthene-d10
 Concen: 0.012 ng
 RT: 19.236 min Scan# 2102
 Delta R.T. -0.004 min
 Lab File: BN019343.D
 Acq: 05 Apr 2022 07:45

Tgt Ion:212 Resp: 1450
 Ion Ratio Lower Upper
 212 100
 106 13.5 12.7 19.1
 104 12.8 7.1 10.7#

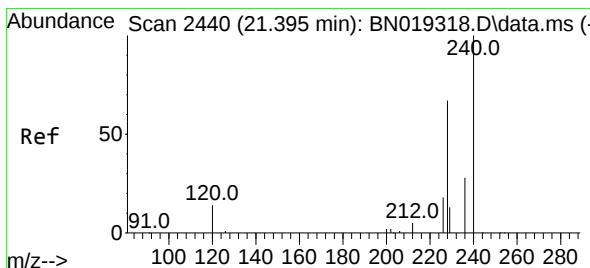
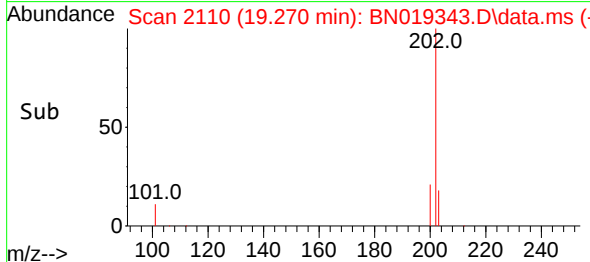
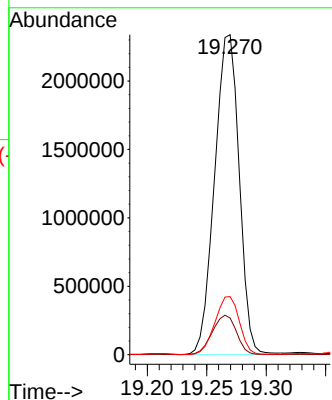
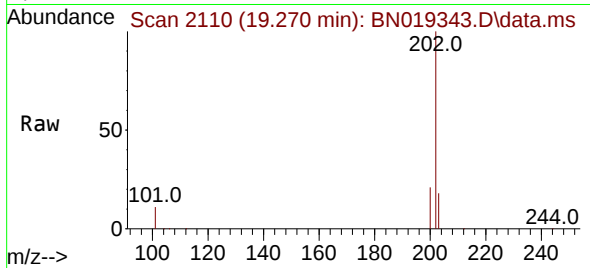




#28
Fluoranthene
Concen: 23.142 ng
RT: 19.270 min Scan# 2110
Delta R.T. 0.000 min
Lab File: BN019343.D
Acq: 05 Apr 2022 07:45

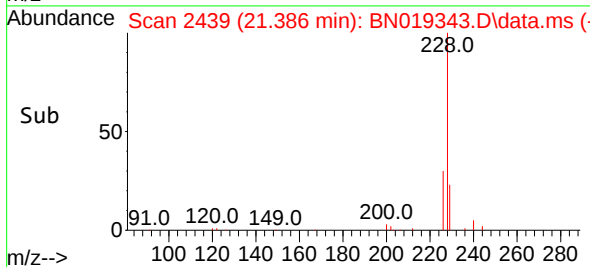
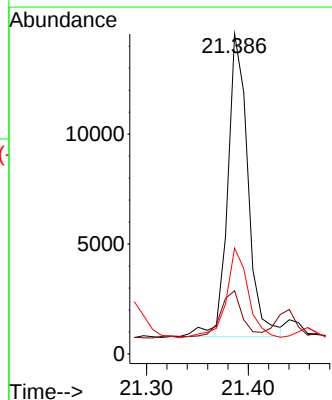
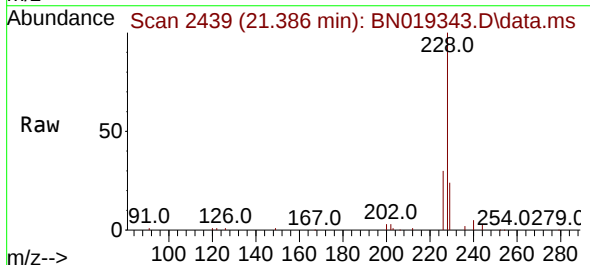
Instrument :
BNA_N
ClientSampleId :
A01040

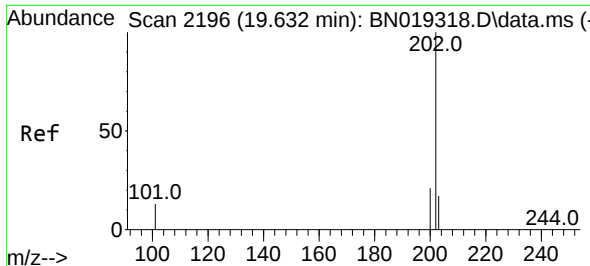
Tgt Ion:202 Resp: 3358259
Ion Ratio Lower Upper
202 100
101 12.2 9.8 14.6
203 18.0 13.7 20.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.386 min Scan# 2439
Delta R.T. -0.009 min
Lab File: BN019343.D
Acq: 05 Apr 2022 07:45

Tgt Ion:240 Resp: 19104
Ion Ratio Lower Upper
240 100
120 19.8 8.5 12.7#
236 33.1 22.4 33.6

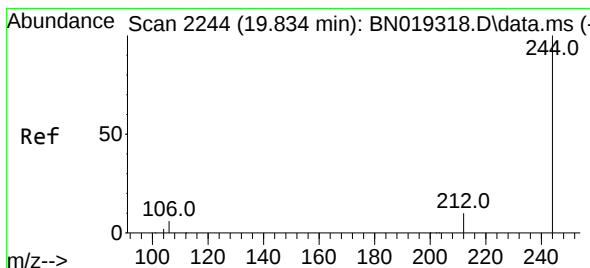
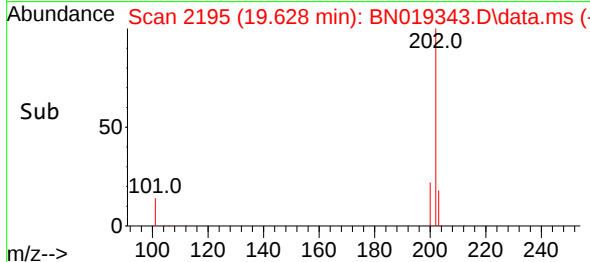
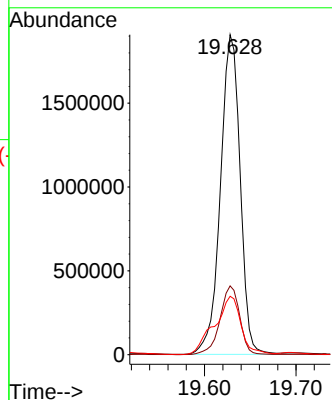
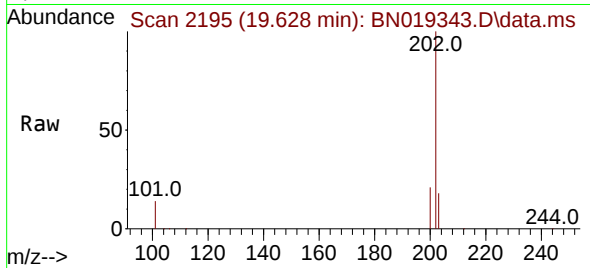




#30
Pyrene
Concen: 32.071 ng
RT: 19.628 min Scan# 2196
Delta R.T. -0.004 min
Lab File: BN019343.D
Acq: 05 Apr 2022 07:45

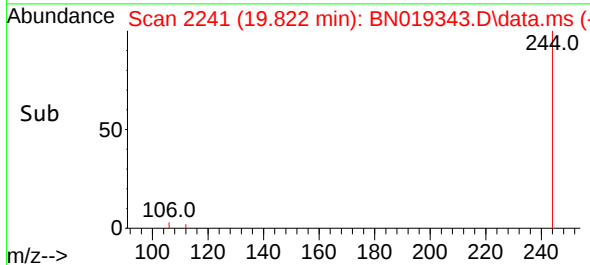
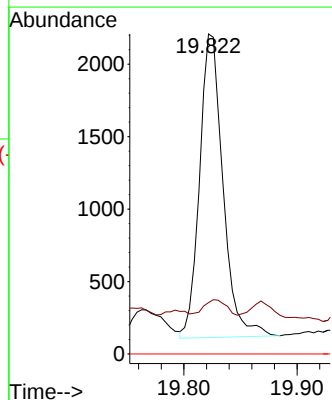
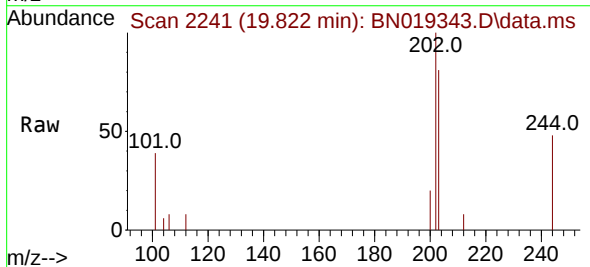
Instrument :
BNA_N
ClientSampleId :
A01040

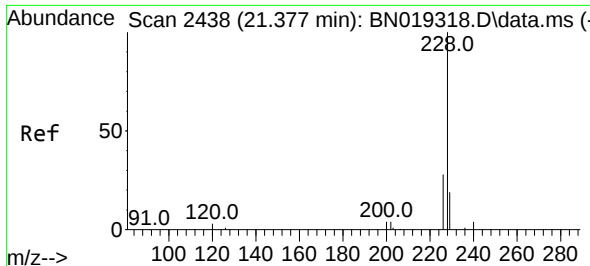
Tgt Ion:202 Resp: 2850706
Ion Ratio Lower Upper
202 100
200 21.5 16.9 25.3
203 24.3 14.2 21.2#



#31
Terphenyl-d14
Concen: 0.072 ng
RT: 19.822 min Scan# 2241
Delta R.T. -0.013 min
Lab File: BN019343.D
Acq: 05 Apr 2022 07:45

Tgt Ion:244 Resp: 3003
Ion Ratio Lower Upper
244 100
212 16.1 8.2 12.4#
122 0.0 0.0 0.0

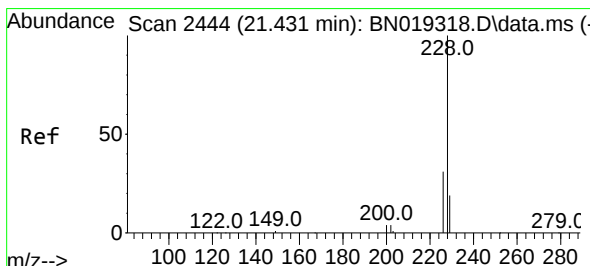
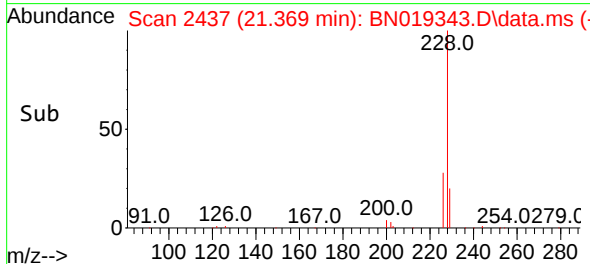
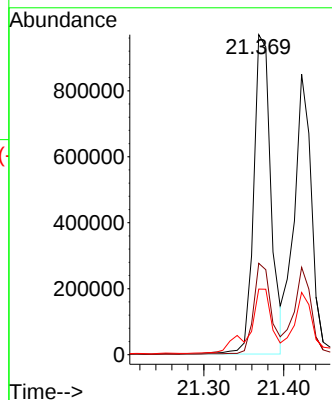
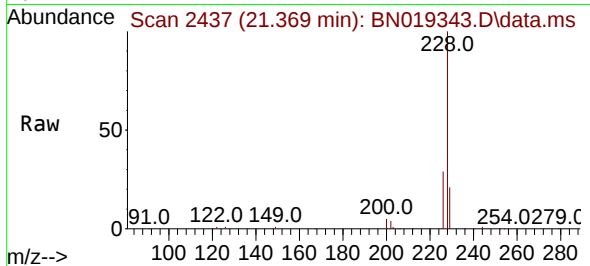




#32
Benzo(a)anthracene
Concen: 20.693 ng
RT: 21.369 min Scan# 2437
Delta R.T. -0.009 min
Lab File: BN019343.D
Acq: 05 Apr 2022 07:45

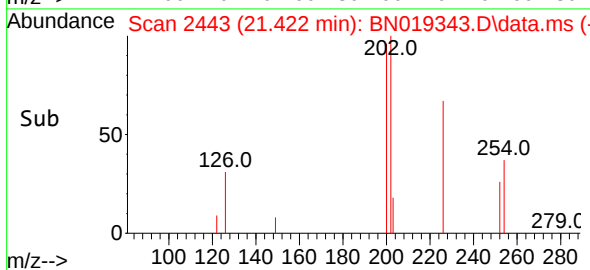
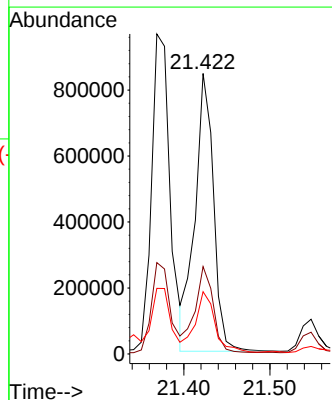
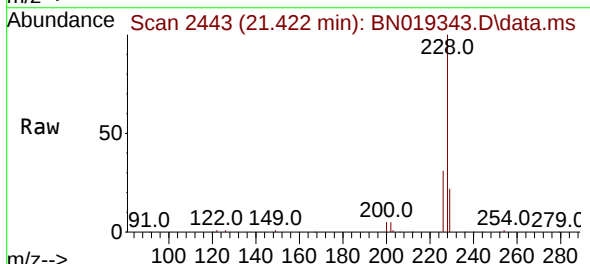
Instrument :
BNA_N
ClientSampleId :
A01040

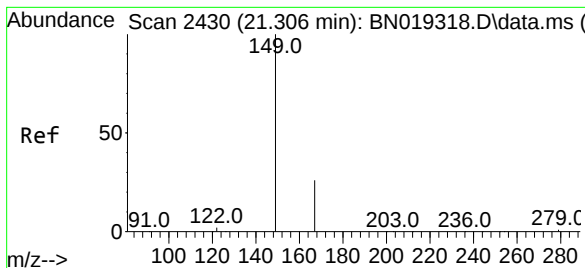
Tgt Ion:228 Resp: 1460673
Ion Ratio Lower Upper
228 100
226 28.6 21.9 32.9
229 20.5 16.0 24.0



#33
Chrysene
Concen: 16.087 ng
RT: 21.422 min Scan# 2443
Delta R.T. -0.009 min
Lab File: BN019343.D
Acq: 05 Apr 2022 07:45

Tgt Ion:228 Resp: 1261728
Ion Ratio Lower Upper
228 100
226 31.2 24.0 36.0
229 22.2 15.9 23.9

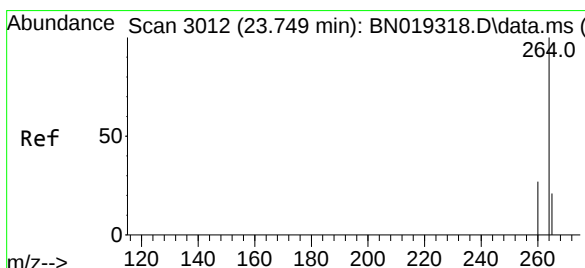
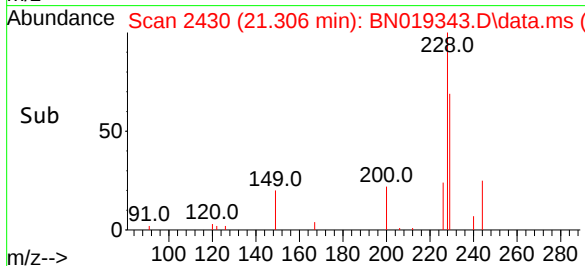
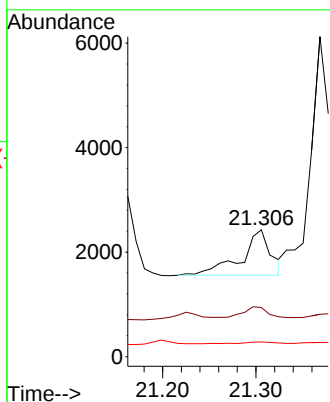
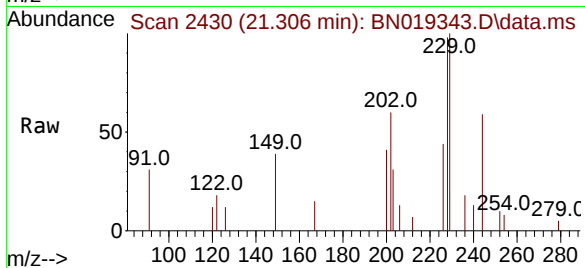




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.036 ng
 RT: 21.306 min Scan# 2430
 Delta R.T. 0.000 min
 Lab File: BN019343.D
 Acq: 05 Apr 2022 07:45

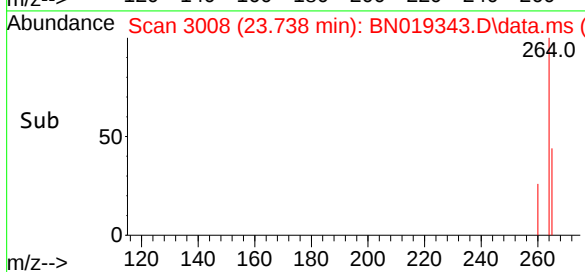
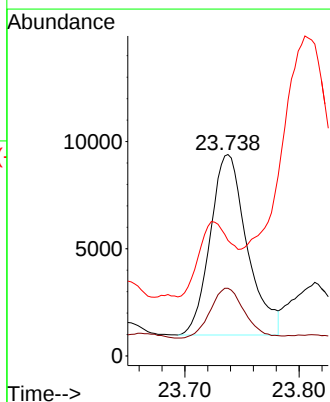
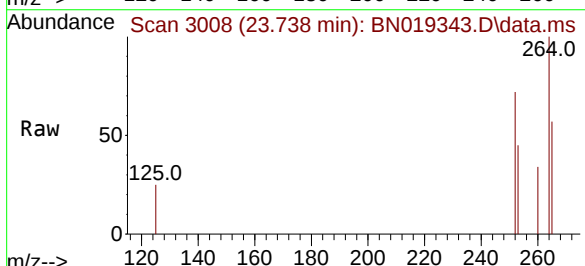
Instrument :
 BNA_N
 ClientSampleId :
 A01040

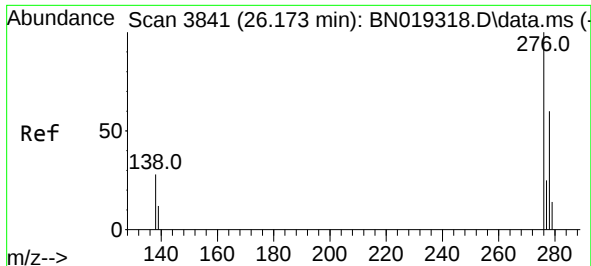
Tgt Ion:149 Resp: 1906
 Ion Ratio Lower Upper
 149 100
 167 18.6 21.8 32.8#
 279 4.4 2.0 3.0#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.738 min Scan# 3008
 Delta R.T. -0.012 min
 Lab File: BN019343.D
 Acq: 05 Apr 2022 07:45

Tgt Ion:264 Resp: 18894
 Ion Ratio Lower Upper
 264 100
 260 33.6 22.4 33.6
 265 57.4 25.3 37.9#

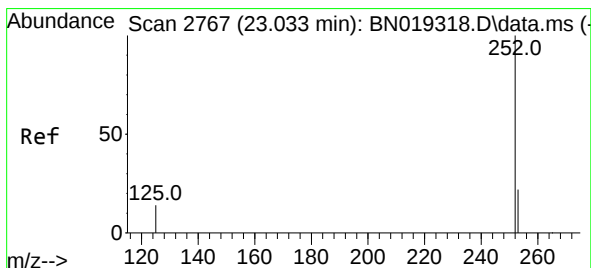
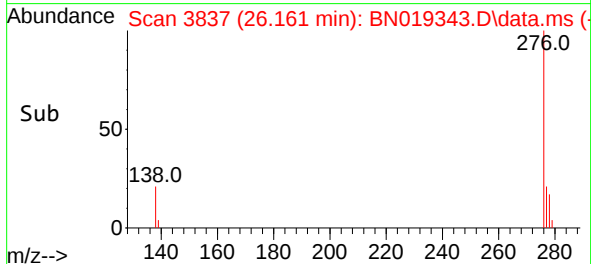
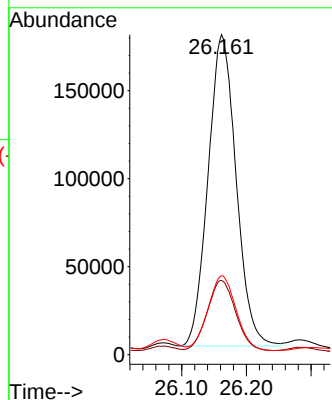
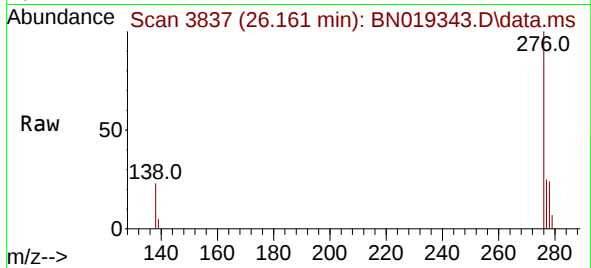




#36
Indeno(1,2,3-cd)pyrene
Concen: 6.743 ng
RT: 26.161 min Scan# 31
Delta R.T. -0.012 min
Lab File: BN019343.D
Acq: 05 Apr 2022 07:45

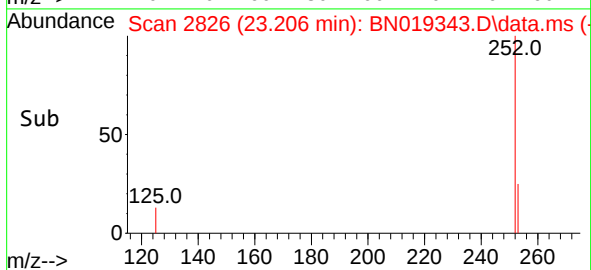
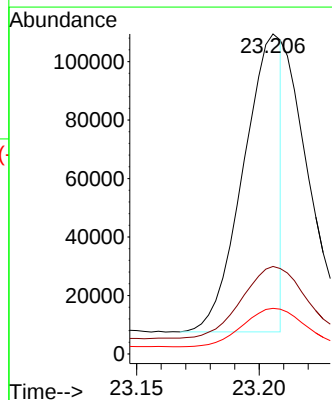
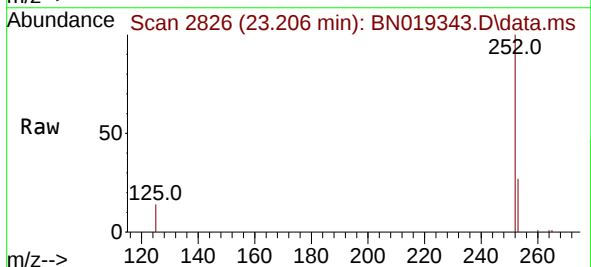
Instrument :
BNA_N
ClientSampleId :
A01040

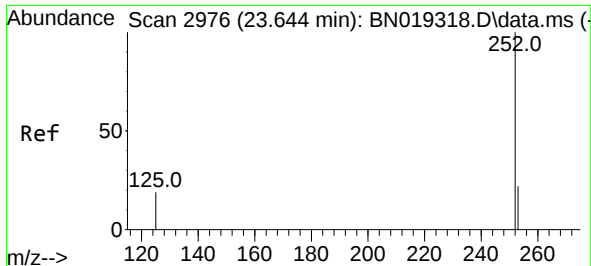
Tgt Ion:276 Resp: 533227
Ion Ratio Lower Upper
276 100
138 22.7 24.5 36.7#
277 24.1 19.8 29.8



#37
Benzo(b)fluoranthene
Concen: 1.497 ng
RT: 23.206 min Scan# 2826
Delta R.T. 0.173 min
Lab File: BN019343.D
Acq: 05 Apr 2022 07:45

Tgt Ion:252 Resp: 110802
Ion Ratio Lower Upper
252 100
253 27.3 18.9 28.3
125 14.2 12.1 18.1





#39

Benzo(a)pyrene

Concen: 9.452 ng

RT: 23.533 min Scan# 2976

Delta R.T. -0.111 min

Lab File: BN019343.D

Acq: 05 Apr 2022 07:45

Instrument :

BN019343.D

ClientSampleId :

A01040

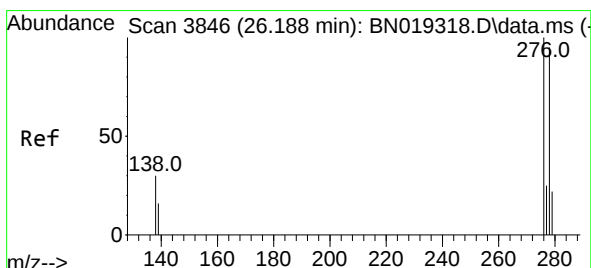
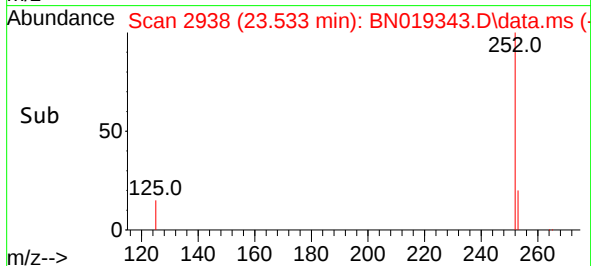
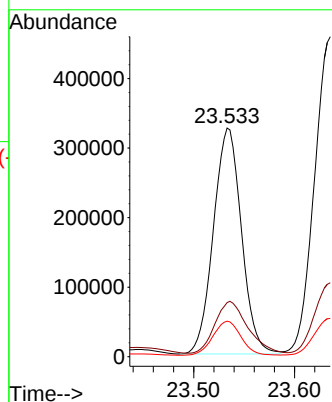
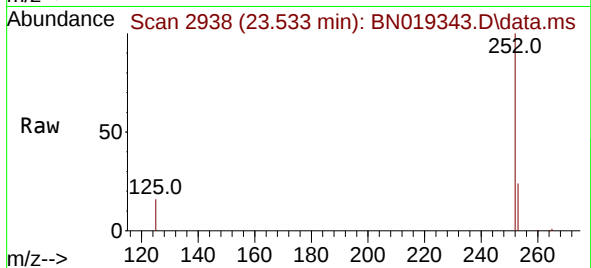
Tgt Ion:252 Resp: 628760

Ion Ratio Lower Upper

252 100

253 23.6 20.1 30.1

125 15.5 15.2 22.8



#40

Dibenzo(a,h)anthracene

Concen: 2.293 ng

RT: 26.167 min Scan# 3839

Delta R.T. -0.020 min

Lab File: BN019343.D

Acq: 05 Apr 2022 07:45

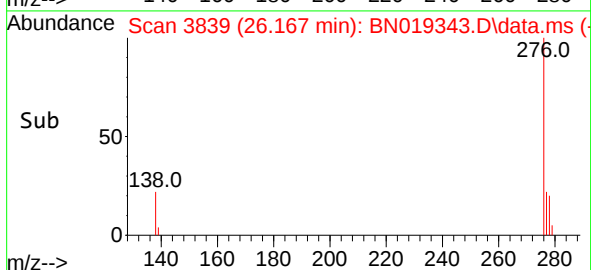
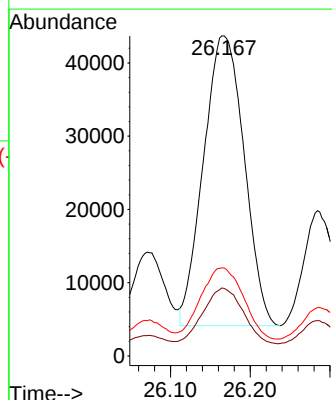
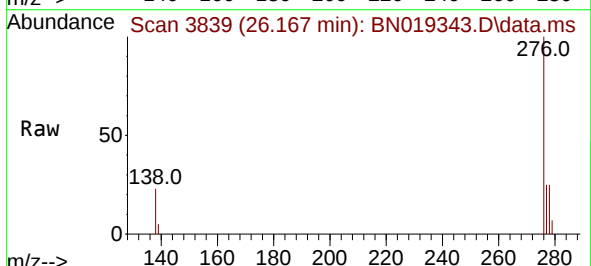
Tgt Ion:278 Resp: 140338

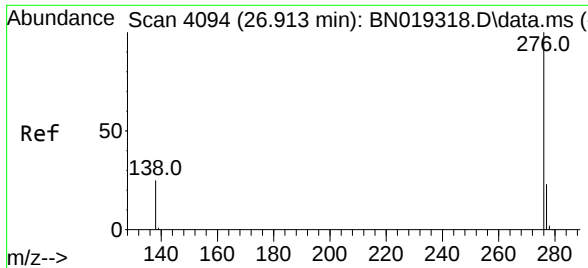
Ion Ratio Lower Upper

278 100

139 21.1 17.2 25.8

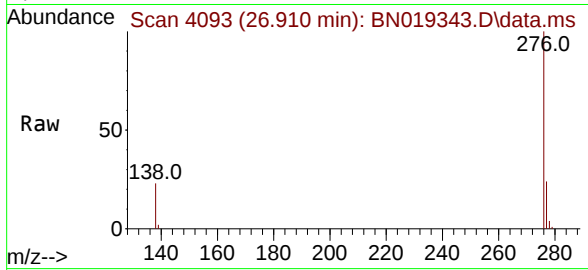
279 27.5 19.9 29.9





#41
 Benzo(g,h,i)perylene
 Concen: 7.241 ng
 RT: 26.910 min Scan# 4093
 Delta R.T. -0.003 min
 Lab File: BN019343.D
 Acq: 05 Apr 2022 07:45

Instrument :
 BNA_N
 ClientSampleId :
 A01040



Tgt Ion:276 Resp: 530866

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.4	29.0
138	23.4	21.0	31.6

