

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030722\
 Data File : BN018857.D
 Acq On : 07 Mar 2022 13:34
 Operator : CG/JU
 Sample : PB143119BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB143119BL

Quant Time: Mar 08 02:20:55 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN030322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 03 00:44:34 2022
 Response via : Initial Calibration

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

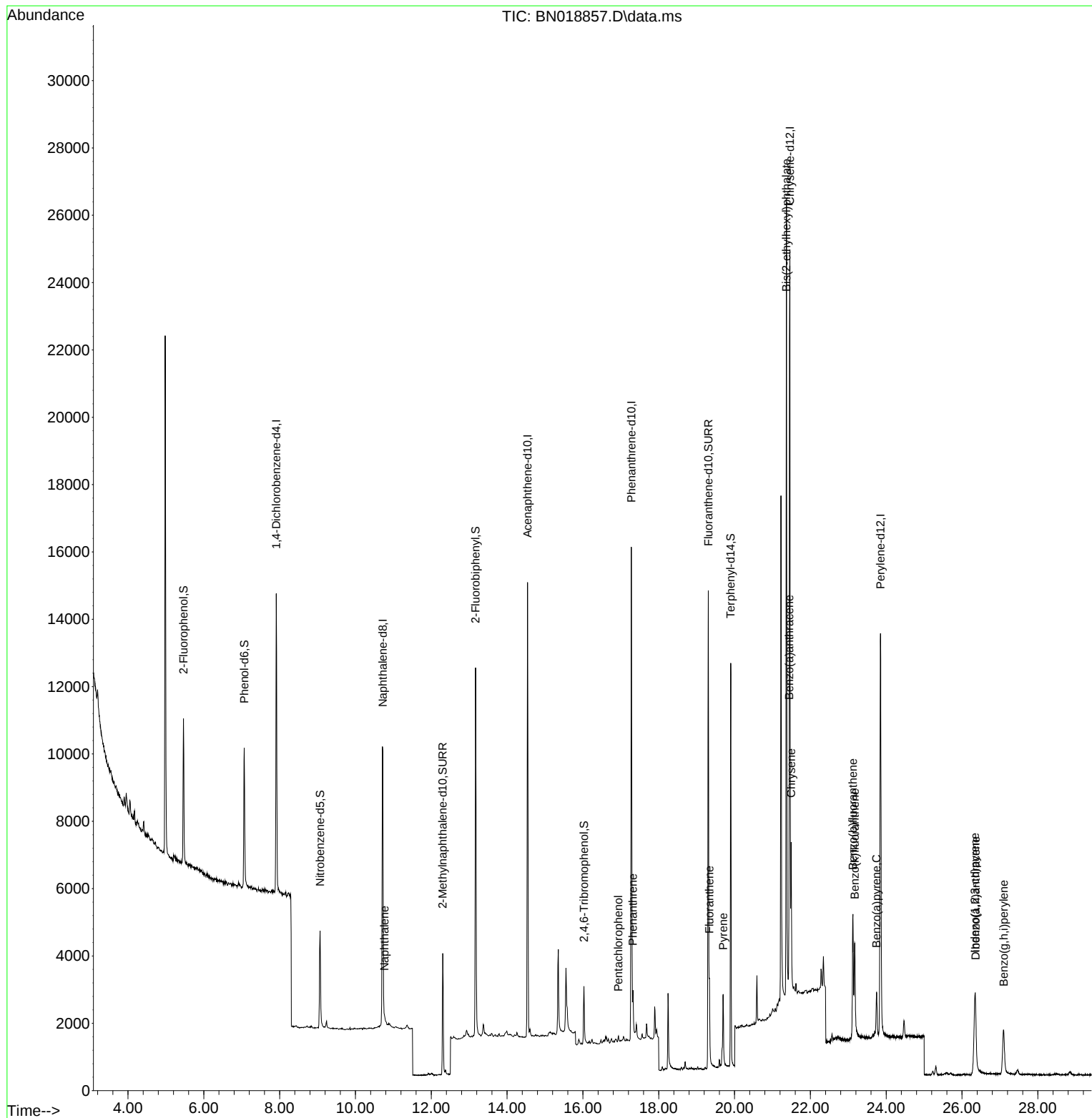
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.912	152	4386	0.400	ng	0.00
7) Naphthalene-d8	10.722	136	11970	0.400	ng	0.00
13) Acenaphthene-d10	14.538	164	7566	0.400	ng	0.00
19) Phenanthrene-d10	17.277	188	19503	0.400	ng	0.00
29) Chrysene-d12	21.458	240	20292	0.400	ng	0.00
35) Perylene-d12	23.849	264	17206	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.464	112	3398	0.354	ng	0.00
5) Phenol-d6	7.067	99	4104	0.357	ng	0.00
8) Nitrobenzene-d5	9.067	82	2707	0.310	ng	0.00
11) 2-Methylnaphthalene-d10	12.303	152	5050	0.259	ng	0.00
14) 2,4,6-Tribromophenol	16.025	330	1054	0.302	ng	0.00
15) 2-Fluorobiphenyl	13.169	172	8684	0.268	ng	0.00
27) Fluoranthene-d10	19.307	212	15678	0.273	ng	0.00
31) Terphenyl-d14	19.898	244	13458	0.310	ng	0.00
Target Compounds						
						Qvalue
9) Naphthalene	10.765	128	865	0.025	ng	# 52
24) Pentachlorophenol	16.938	266	116	0.237	ng	90
25) Phenanthrene	17.318	178	1588	0.025	ng	# 96
28) Fluoranthene	19.337	202	2193	0.030	ng	99
30) Pyrene	19.700	202	2165	0.024	ng	99
32) Benzo(a)anthracene	21.440	228	2516	0.033	ng	95
33) Chrysene	21.494	228	3805	0.045	ng	96
34) Bis(2-ethylhexyl)phtha...	21.369	149	21630	0.459	ng	98
36) Indeno(1,2,3-cd)pyrene	26.337	276	3660	0.047	ng	# 86
37) Benzo(b)fluoranthene	23.121	252	4840	0.060	ng	# 71
38) Benzo(k)fluoranthene	23.171	252	3545	0.045	ng	# 71
39) Benzo(a)pyrene	23.747	252	1558	0.025	ng	# 4
40) Dibenzo(a,h)anthracene	26.357	278	2598	0.044	ng	# 81
41) Benzo(g,h,i)perylene	27.100	276	3240	0.051	ng	91

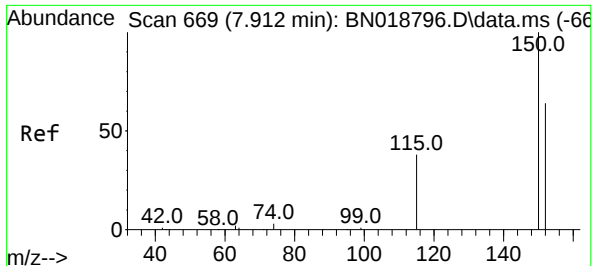
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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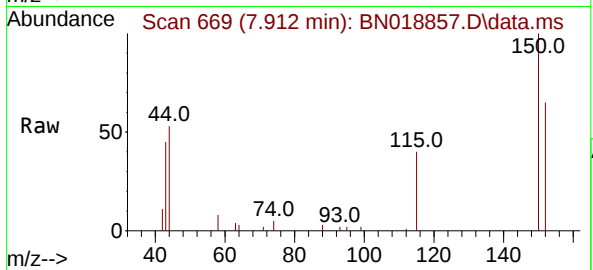
Quant Time: Mar 08 02:20:55 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN030322.M
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QLast Update : Thu Mar 03 00:44:34 2022
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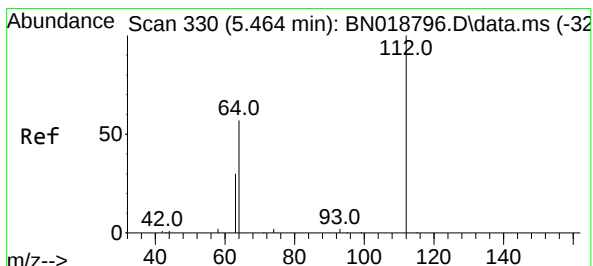
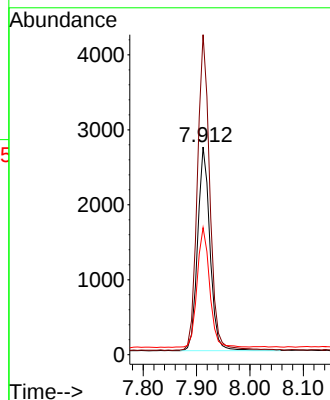
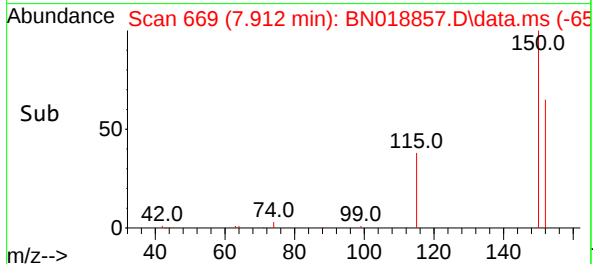


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.912 min Scan# 669
Delta R.T. 0.000 min
Lab File: BN018857.D
Acq: 07 Mar 2022 13:34

Instrument :
BNA_N
ClientSampleId :
PB143119BL

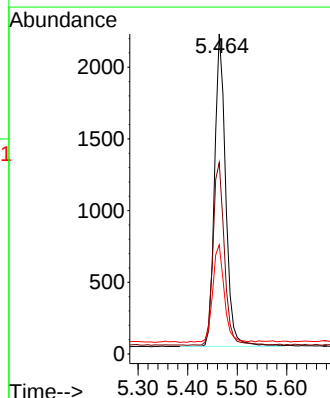
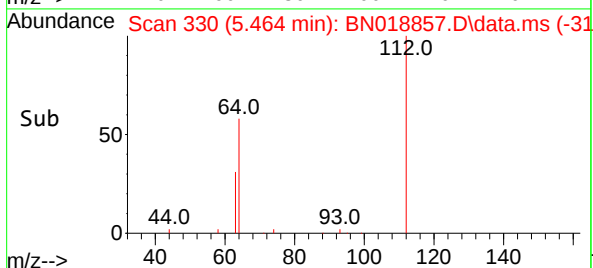
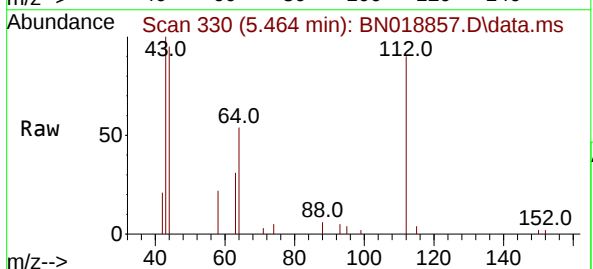


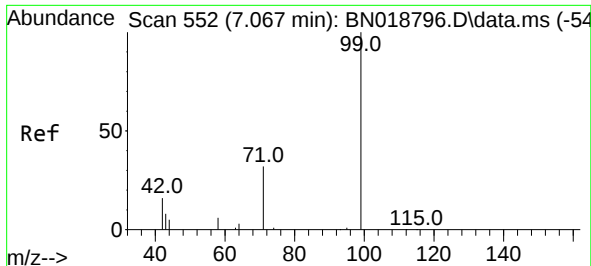
Tgt Ion:152 Resp: 4386
Ion Ratio Lower Upper
152 100
150 154.1 123.9 185.9
115 61.2 48.2 72.4



#4
2-Fluorophenol
Concen: 0.354 ng
RT: 5.464 min Scan# 330
Delta R.T. -0.000 min
Lab File: BN018857.D
Acq: 07 Mar 2022 13:34

Tgt Ion:112 Resp: 3398
Ion Ratio Lower Upper
112 100
64 60.7 47.8 71.8
63 32.6 25.7 38.5

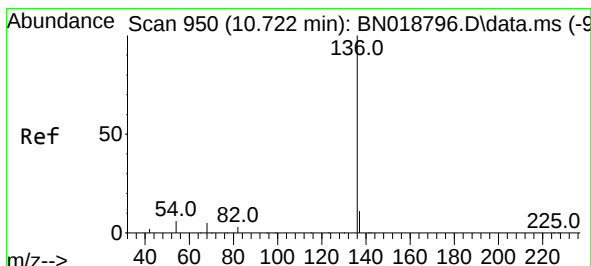
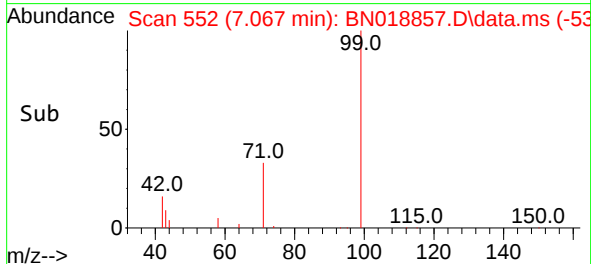
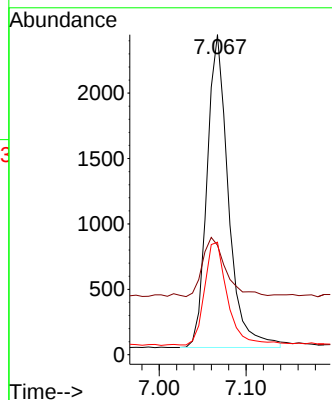
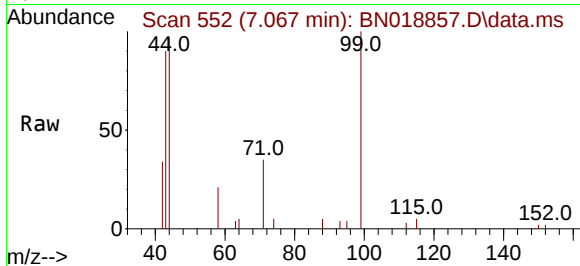




#5
Phenol-d6
Concen: 0.357 ng
RT: 7.067 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN018857.D
Acq: 07 Mar 2022 13:34

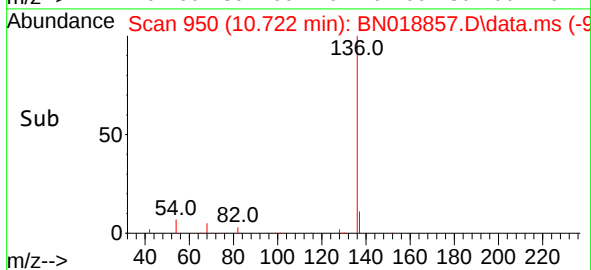
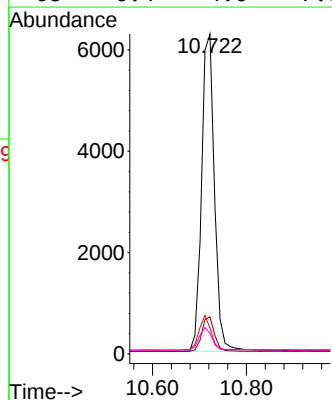
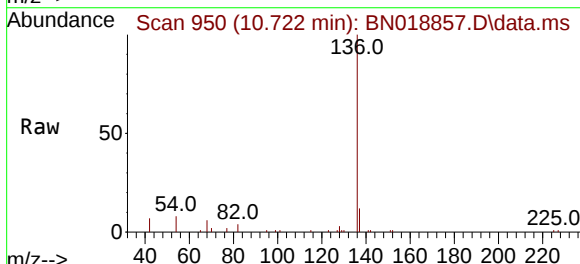
Instrument :
BNA_N
ClientSampleId :
PB143119BL

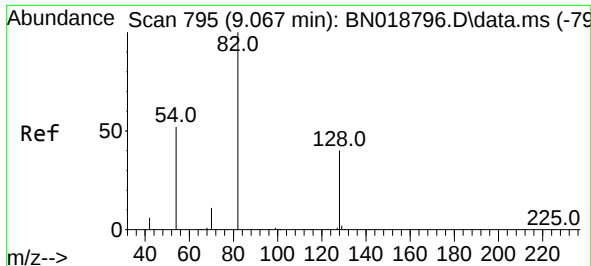
Tgt Ion:	99	Resp:	4104
Ion	Ratio	Lower	Upper
99	100		
42	20.5	16.2	24.4
71	35.9	27.7	41.5



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.722 min Scan# 950
Delta R.T. -0.000 min
Lab File: BN018857.D
Acq: 07 Mar 2022 13:34

Tgt Ion:	136	Resp:	11970
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.4
54	8.1	5.8	8.6
68	6.4	4.6	7.0

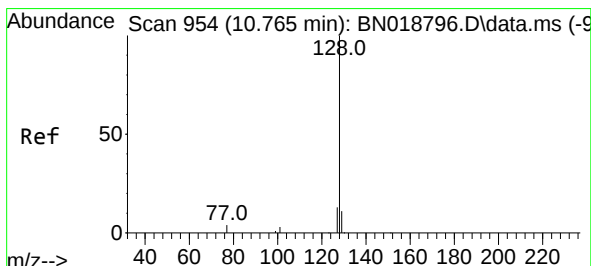
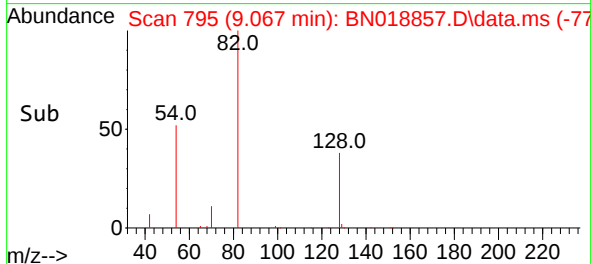
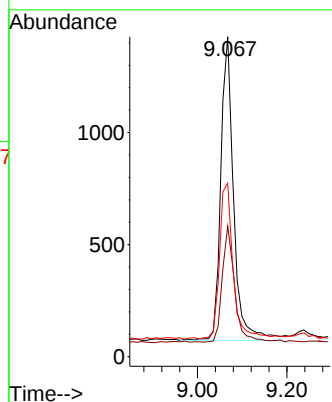
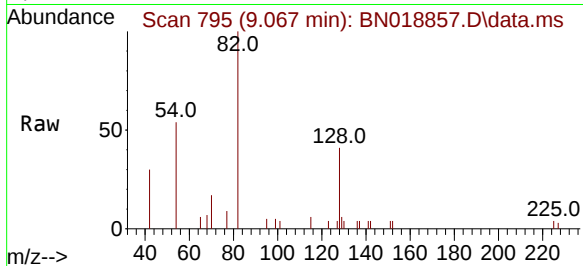




#8
Nitrobenzene-d5
Concen: 0.310 ng
RT: 9.067 min Scan# 795
Delta R.T. -0.000 min
Lab File: BN018857.D
Acq: 07 Mar 2022 13:34

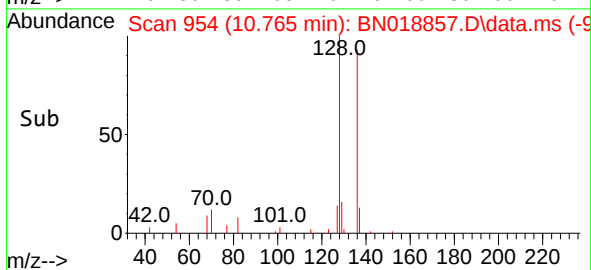
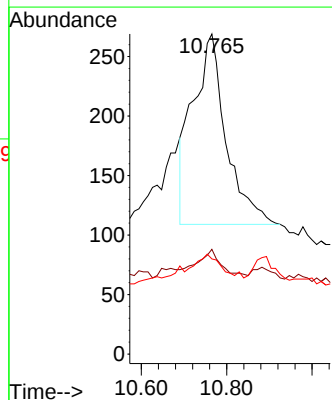
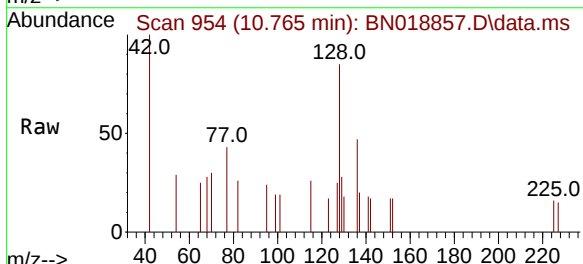
Instrument :
BNA_N
ClientSampleId :
PB143119BL

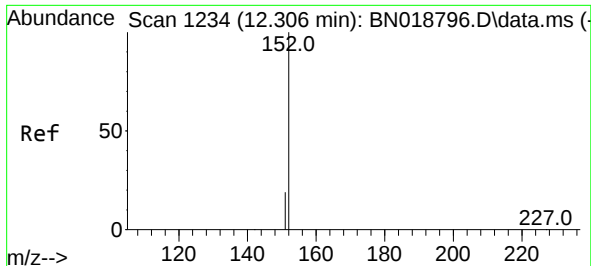
Tgt Ion: 82 Resp: 2707
Ion Ratio Lower Upper
82 100
128 40.8 33.0 49.6
54 54.2 42.5 63.7



#9
Naphthalene
Concen: 0.025 ng
RT: 10.765 min Scan# 954
Delta R.T. -0.000 min
Lab File: BN018857.D
Acq: 07 Mar 2022 13:34

Tgt Ion: 128 Resp: 865
Ion Ratio Lower Upper
128 100
129 32.7 9.0 13.4#
127 29.7 10.7 16.1#

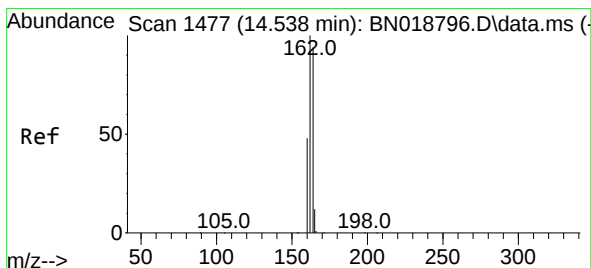
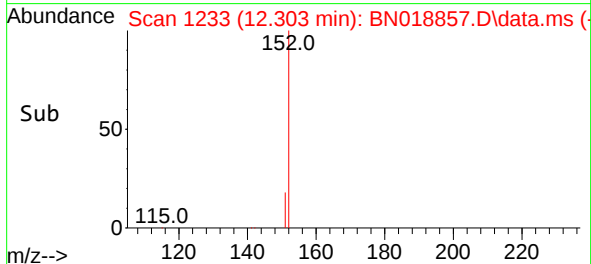
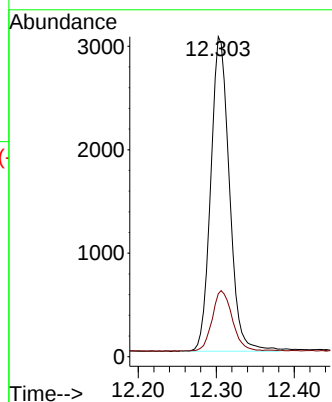
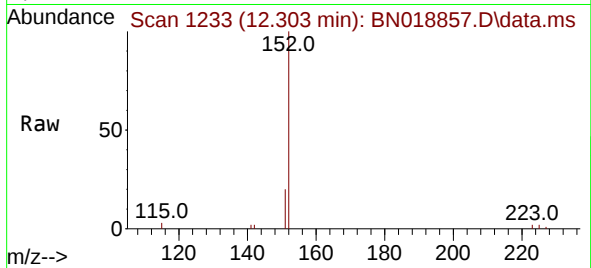




#11
2-Methylnaphthalene-d10
Concen: 0.259 ng
RT: 12.303 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN018857.D
Acq: 07 Mar 2022 13:34

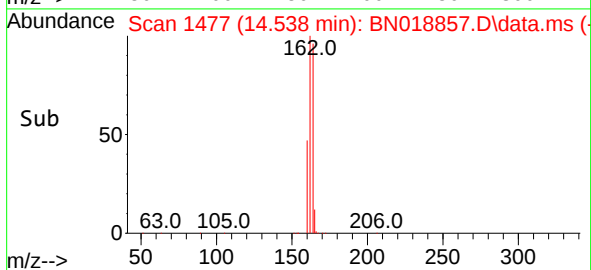
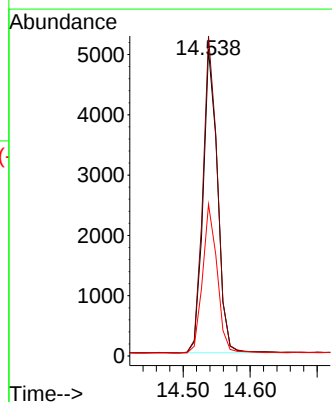
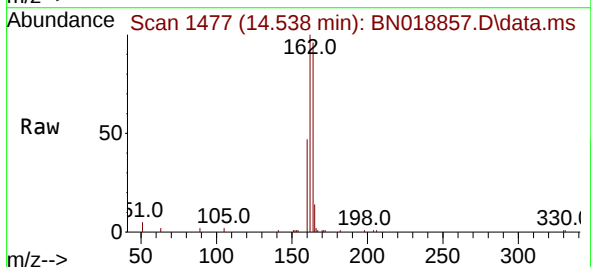
Instrument :
BNA_N
ClientSampleId :
PB143119BL

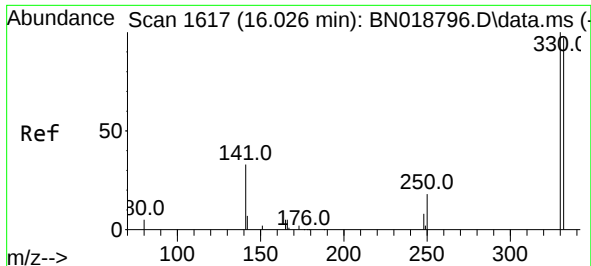
Tgt Ion:152 Resp: 5050
Ion Ratio Lower Upper
152 100
151 20.7 16.5 24.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.538 min Scan# 1477
Delta R.T. -0.000 min
Lab File: BN018857.D
Acq: 07 Mar 2022 13:34

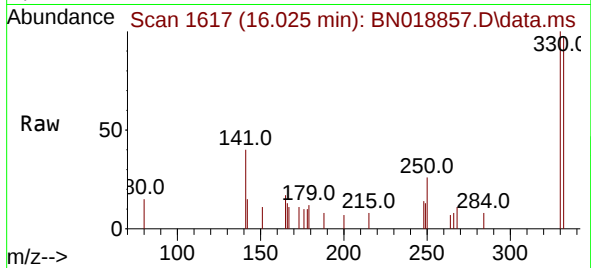
Tgt Ion:164 Resp: 7566
Ion Ratio Lower Upper
164 100
162 104.4 85.2 127.8
160 49.5 41.5 62.3



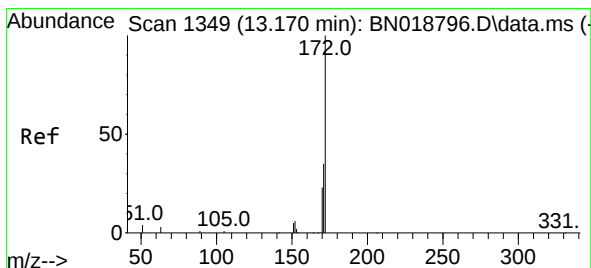
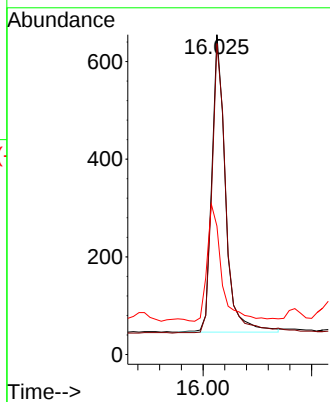
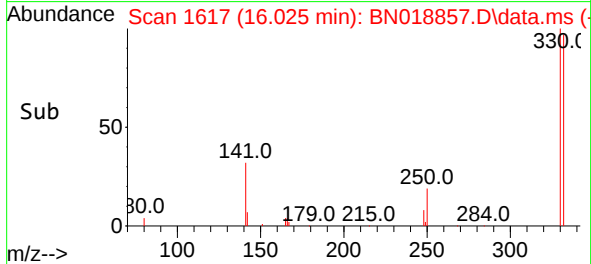


#14
2,4,6-Tribromophenol
Concen: 0.302 ng
RT: 16.025 min Scan# 1617
Delta R.T. -0.000 min
Lab File: BN018857.D
Acq: 07 Mar 2022 13:34

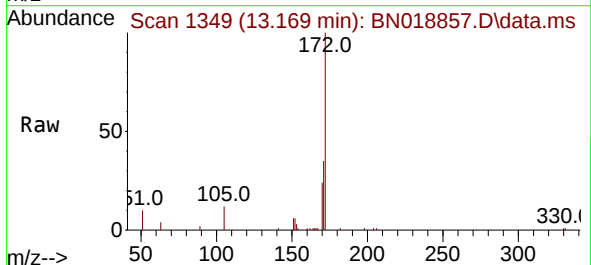
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ClientSampleId :
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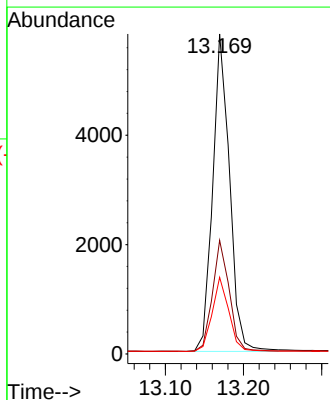
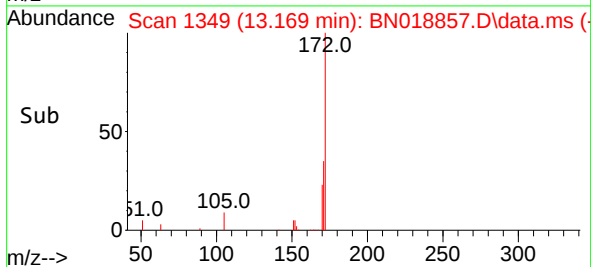
Tgt Ion: 330 Resp: 1054
Ion Ratio Lower Upper
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332 99.1 76.8 115.2
141 42.5 32.2 48.2

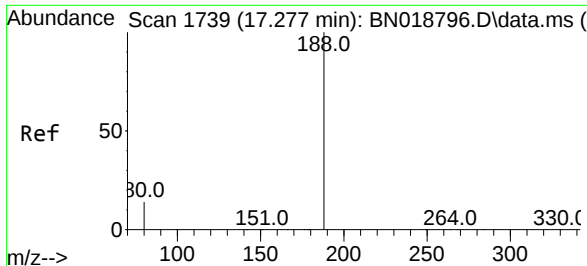


#15
2-Fluorobiphenyl
Concen: 0.268 ng
RT: 13.169 min Scan# 1349
Delta R.T. -0.000 min
Lab File: BN018857.D
Acq: 07 Mar 2022 13:34



Tgt Ion: 172 Resp: 8684
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.2
170 24.0 18.7 28.1

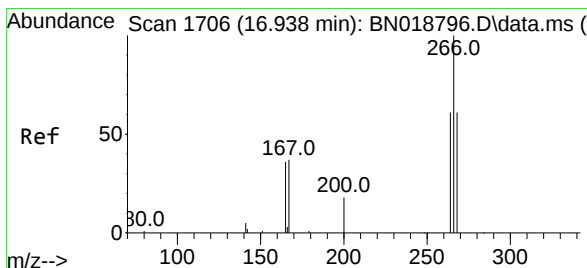
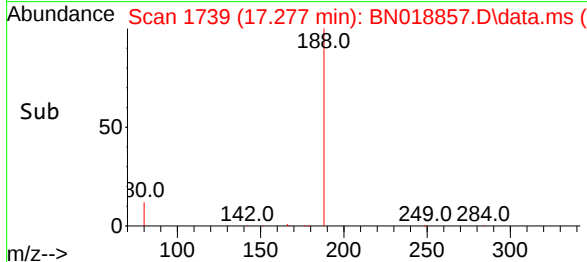
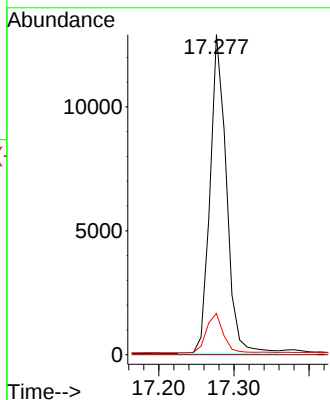
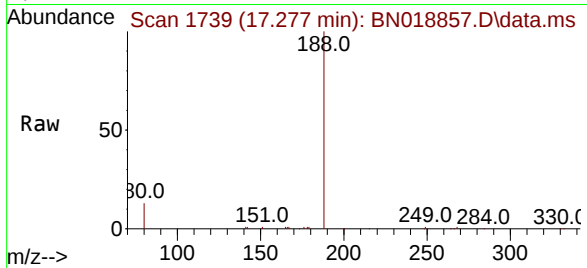




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.277 min Scan# 1739
Delta R.T. -0.000 min
Lab File: BN018857.D
Acq: 07 Mar 2022 13:34

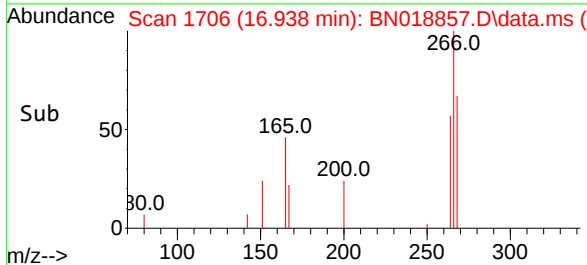
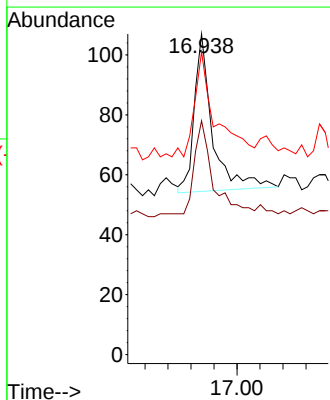
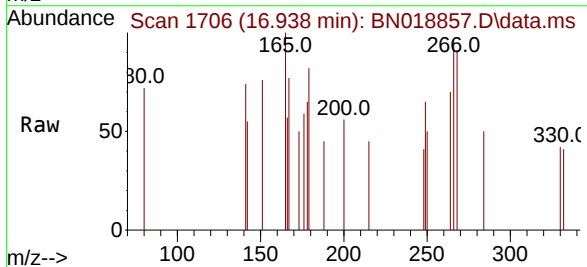
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BNA_N
ClientSampleId :
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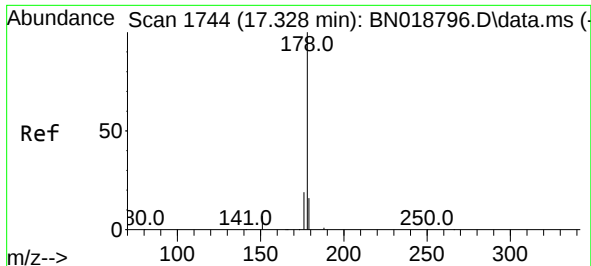
Tgt Ion:188 Resp: 19503
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.9 11.8 17.8



#24
Pentachlorophenol
Concen: 0.237 ng
RT: 16.938 min Scan# 1706
Delta R.T. 0.000 min
Lab File: BN018857.D
Acq: 07 Mar 2022 13:34

Tgt Ion:266 Resp: 116
Ion Ratio Lower Upper
266 100
264 67.2 50.2 75.4
268 76.7 51.9 77.9

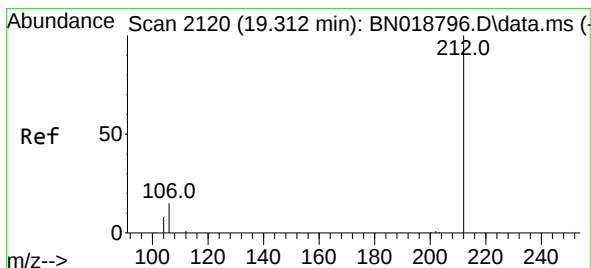
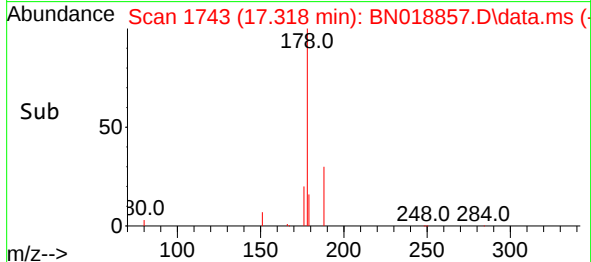
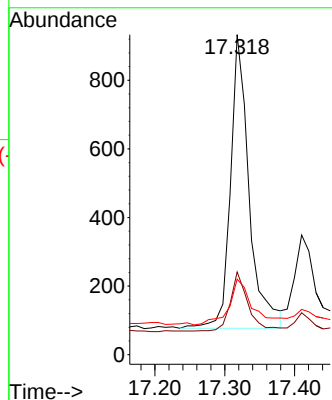
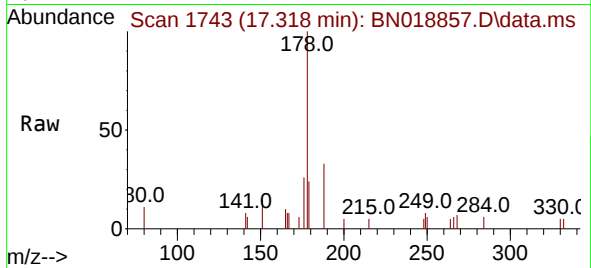




#25
Phenanthrene
Concen: 0.025 ng
RT: 17.318 min Scan# 1119
Delta R.T. -0.010 min
Lab File: BN018857.D
Acq: 07 Mar 2022 13:34

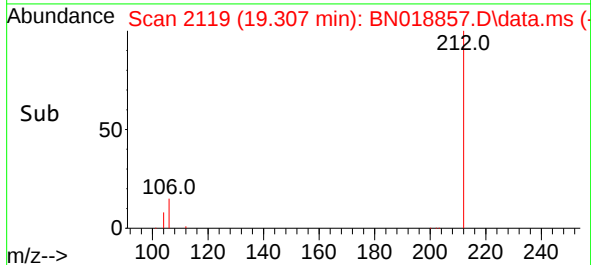
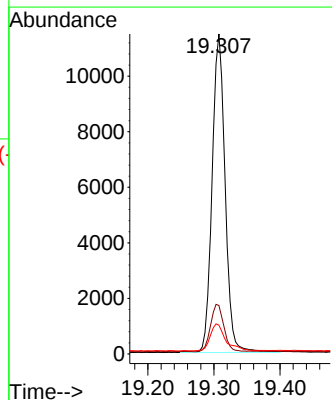
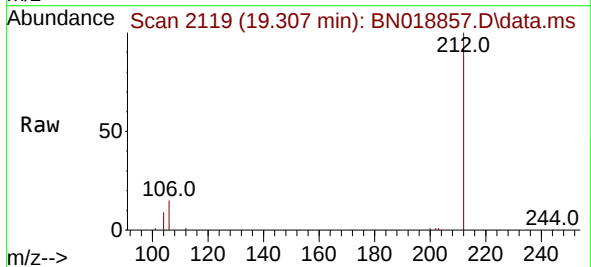
Instrument :
BNA_N
ClientSampleId :
PB143119BL

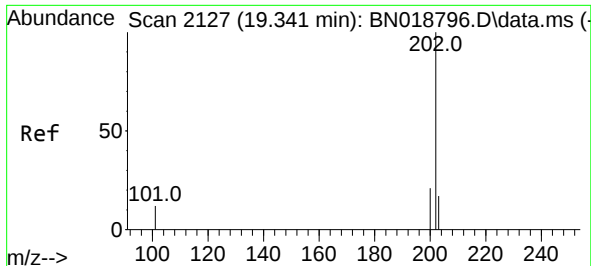
Tgt Ion:178 Resp: 1588
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 18.7 12.2 18.2#



#27
Fluoranthene-d10
Concen: 0.273 ng
RT: 19.307 min Scan# 2119
Delta R.T. -0.004 min
Lab File: BN018857.D
Acq: 07 Mar 2022 13:34

Tgt Ion:212 Resp: 15678
Ion Ratio Lower Upper
212 100
106 15.3 12.7 19.1
104 10.0 7.1 10.7

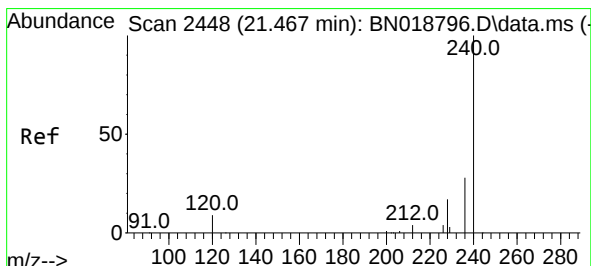
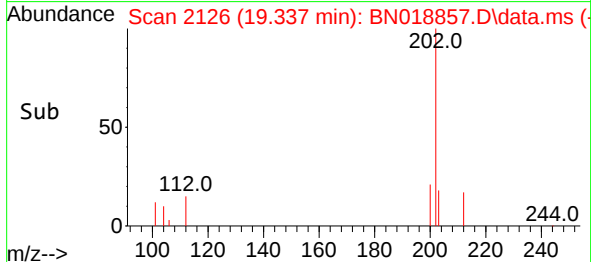
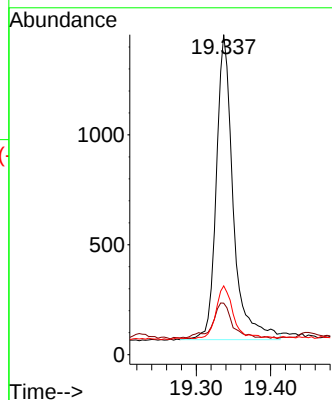
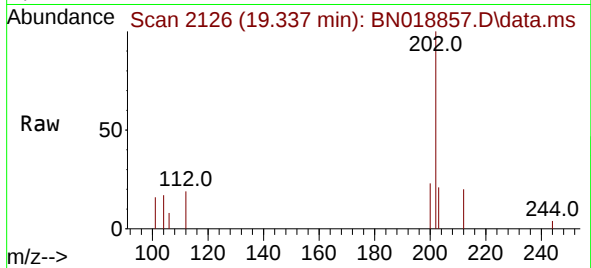




#28
Fluoranthene
Concen: 0.030 ng
RT: 19.337 min Scan# 2126
Delta R.T. -0.004 min
Lab File: BN018857.D
Acq: 07 Mar 2022 13:34

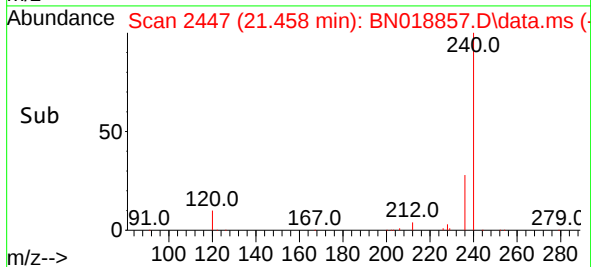
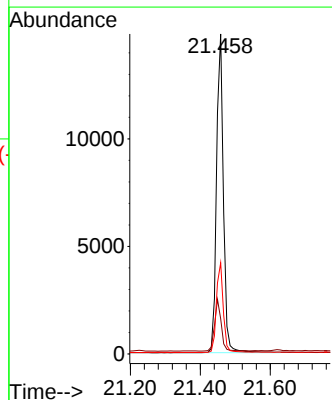
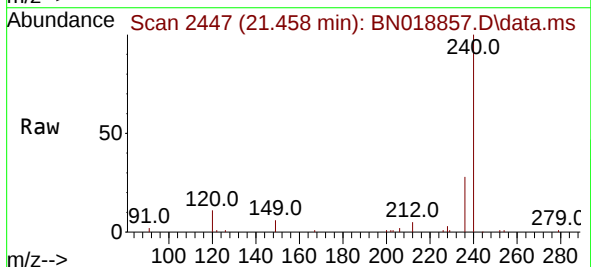
Instrument :
BNA_N
ClientSampleId :
PB143119BL

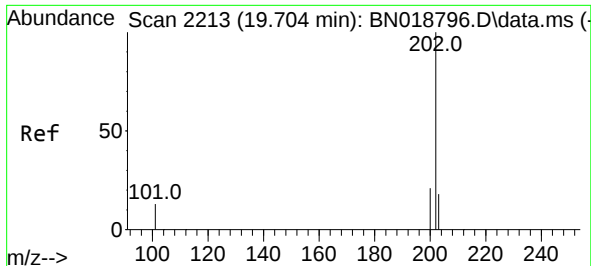
Tgt Ion:202 Resp: 2193
Ion Ratio Lower Upper
202 100
101 11.5 9.8 14.6
203 17.4 13.7 20.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.458 min Scan# 2447
Delta R.T. -0.009 min
Lab File: BN018857.D
Acq: 07 Mar 2022 13:34

Tgt Ion:240 Resp: 20292
Ion Ratio Lower Upper
240 100
120 11.0 8.5 12.7
236 28.5 22.4 33.6

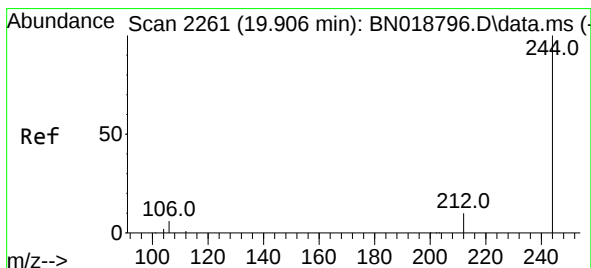
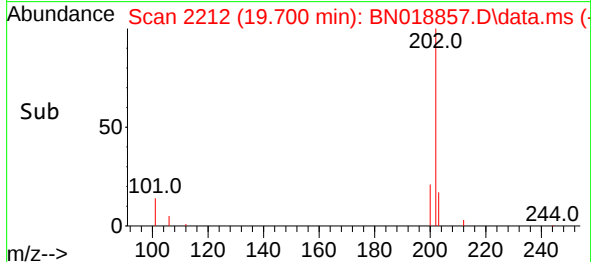
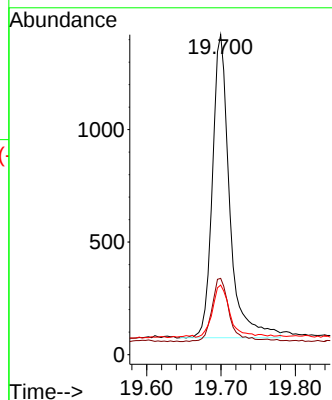
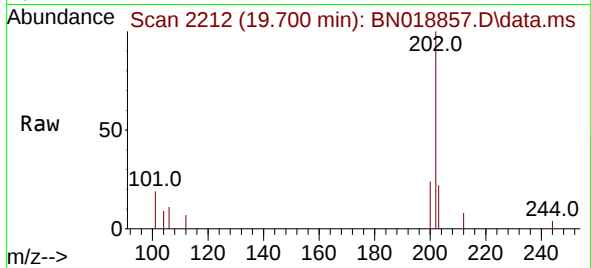




#30
Pyrene
Concen: 0.024 ng
RT: 19.700 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN018857.D
Acq: 07 Mar 2022 13:34

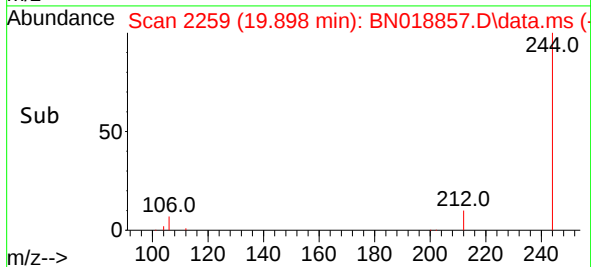
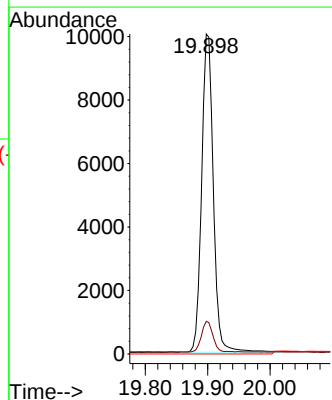
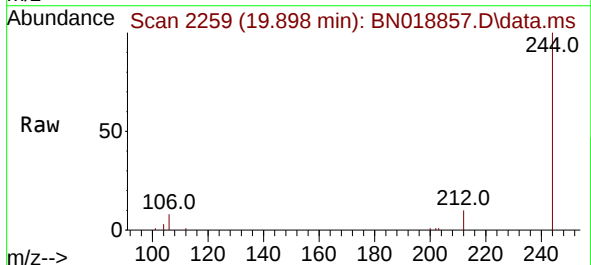
Instrument :
BNA_N
ClientSampleId :
PB143119BL

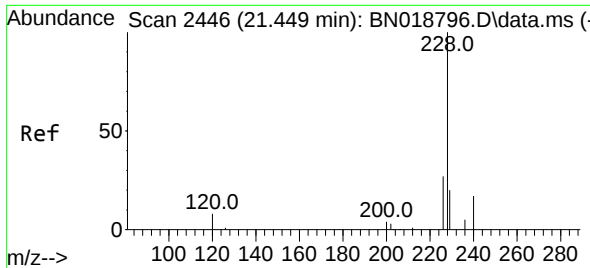
Tgt Ion:	202	Resp:	2165
Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.9	25.3
203	17.3	14.2	21.2



#31
Terphenyl-d14
Concen: 0.310 ng
RT: 19.898 min Scan# 2259
Delta R.T. -0.009 min
Lab File: BN018857.D
Acq: 07 Mar 2022 13:34

Tgt Ion:	244	Resp:	13458
Ion	Ratio	Lower	Upper
244	100		
212	10.2	8.2	12.4
122	0.0	0.0	0.0

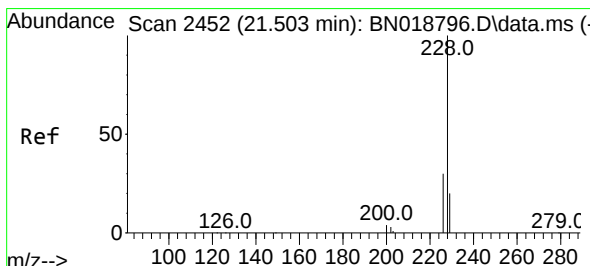
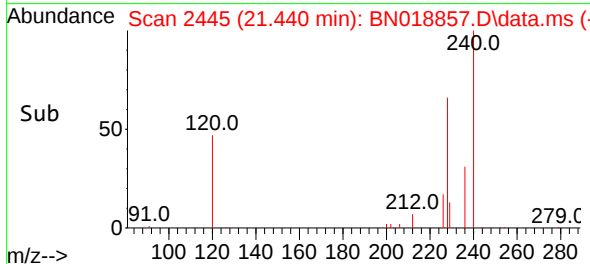
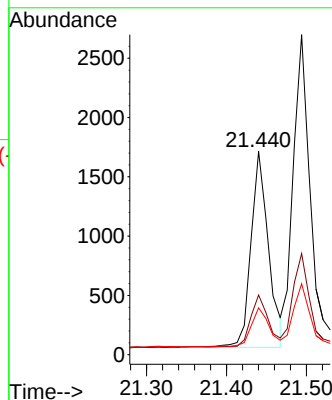
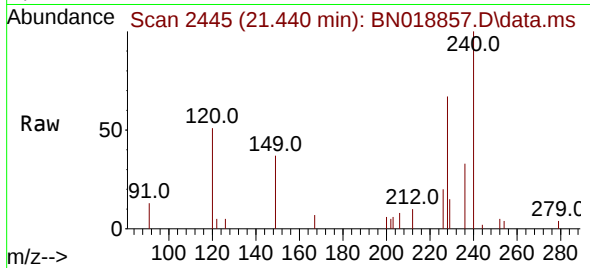




#32
Benzo(a)anthracene
Concen: 0.033 ng
RT: 21.440 min Scan# 2445
Delta R.T. -0.009 min
Lab File: BN018857.D
Acq: 07 Mar 2022 13:34

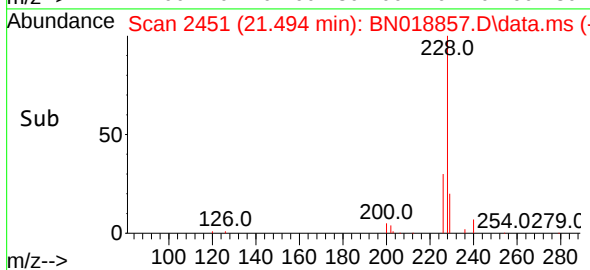
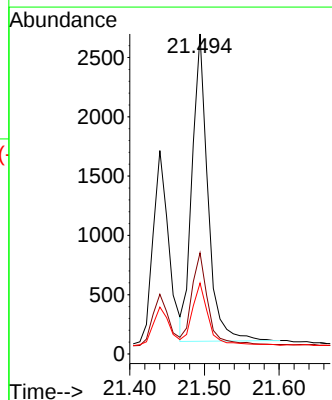
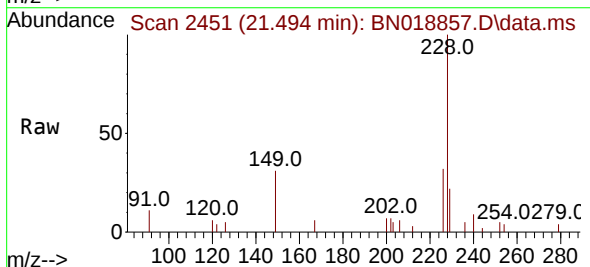
Instrument :
BNA_N
ClientSampleId :
PB143119BL

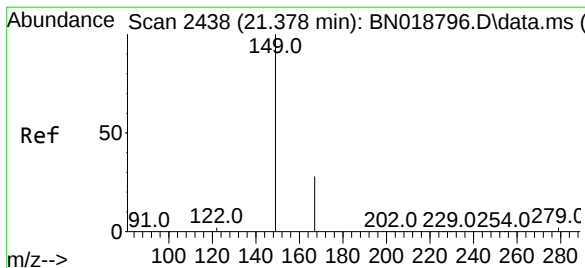
Tgt Ion:228 Resp: 2516
Ion Ratio Lower Upper
228 100
226 29.3 21.9 32.9
229 23.1 16.0 24.0



#33
Chrysene
Concen: 0.045 ng
RT: 21.494 min Scan# 2451
Delta R.T. -0.009 min
Lab File: BN018857.D
Acq: 07 Mar 2022 13:34

Tgt Ion:228 Resp: 3805
Ion Ratio Lower Upper
228 100
226 31.6 24.0 36.0
229 22.2 15.9 23.9

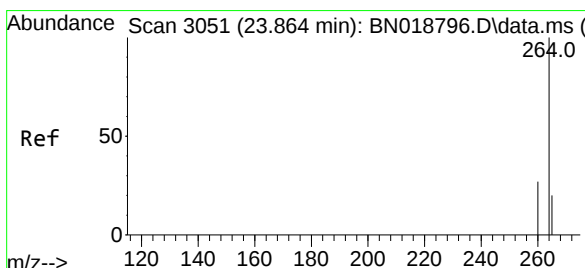
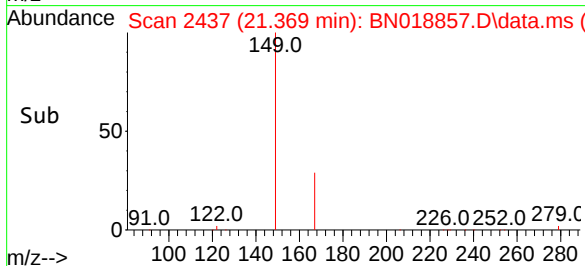
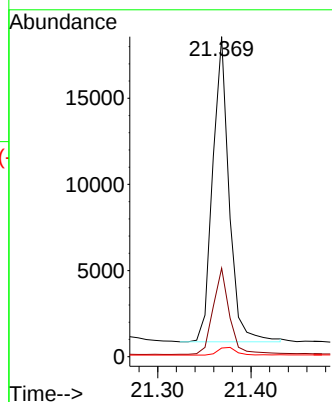
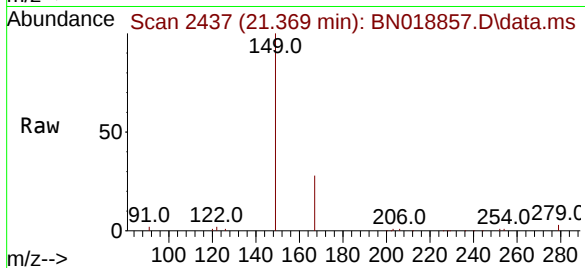




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.459 ng
 RT: 21.369 min Scan# 2437
 Delta R.T. -0.009 min
 Lab File: BN018857.D
 Acq: 07 Mar 2022 13:34

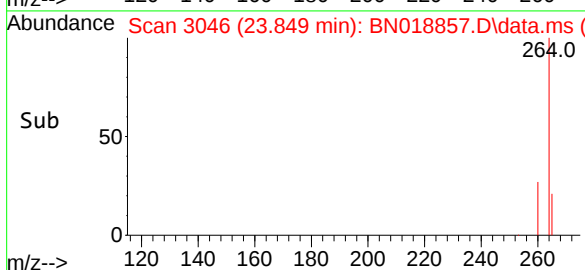
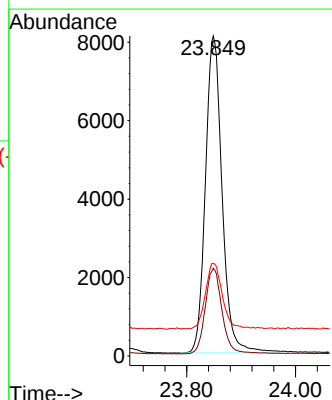
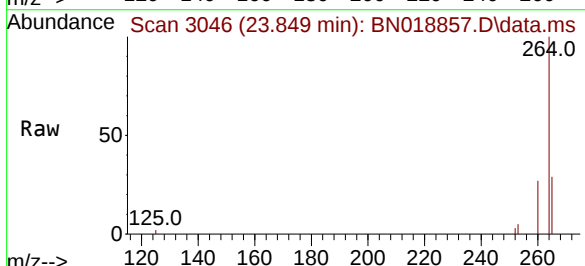
Instrument :
 BNA_N
 ClientSampleId :
 PB143119BL

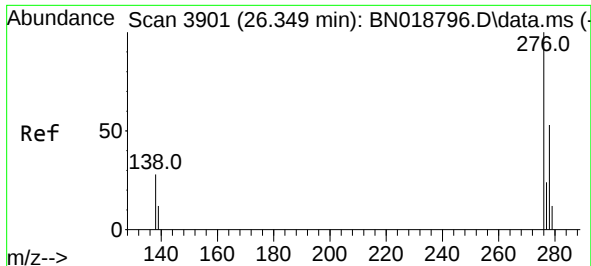
Tgt Ion:149 Resp: 21630
 Ion Ratio Lower Upper
 149 100
 167 28.3 21.8 32.8
 279 2.9 2.0 3.0



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.849 min Scan# 3046
 Delta R.T. -0.015 min
 Lab File: BN018857.D
 Acq: 07 Mar 2022 13:34

Tgt Ion:264 Resp: 17206
 Ion Ratio Lower Upper
 264 100
 260 27.4 22.4 33.6
 265 28.9 25.3 37.9

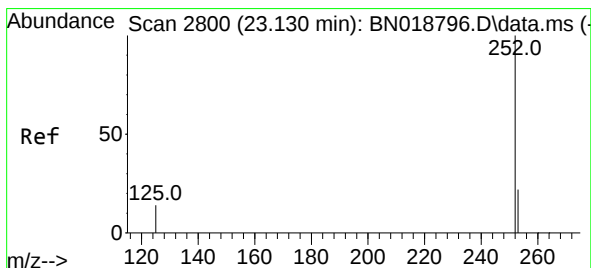
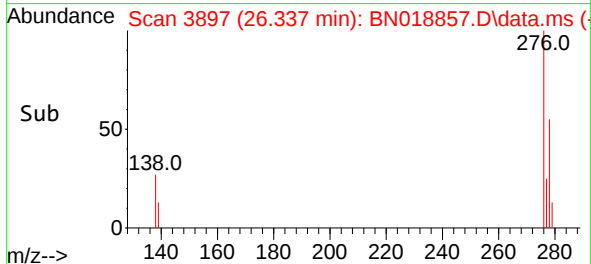
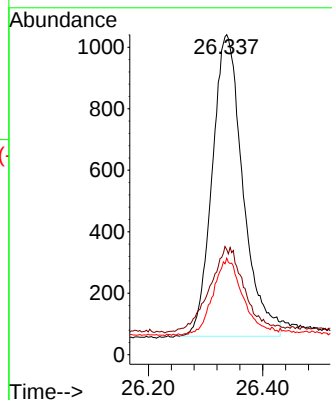
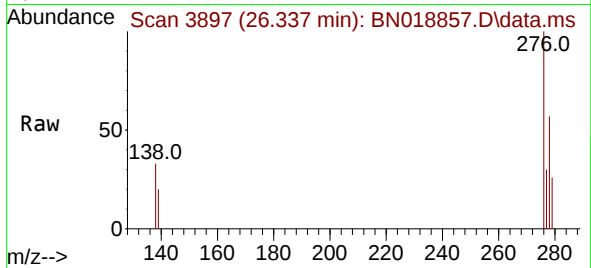




#36
Indeno(1,2,3-cd)pyrene
Concen: 0.047 ng
RT: 26.337 min Scan# 31
Delta R.T. -0.012 min
Lab File: BN018857.D
Acq: 07 Mar 2022 13:34

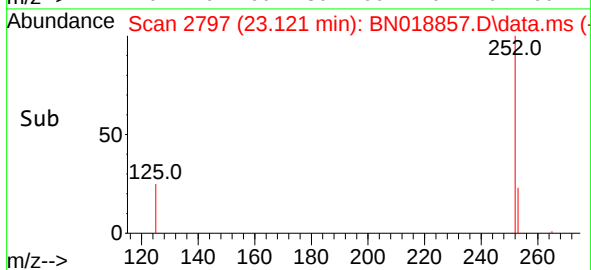
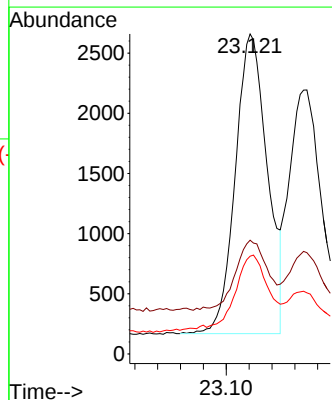
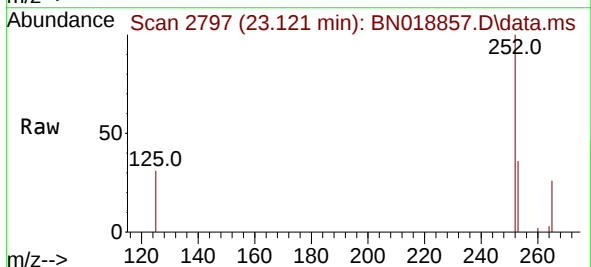
Instrument :
BNA_N
ClientSampleId :
PB143119BL

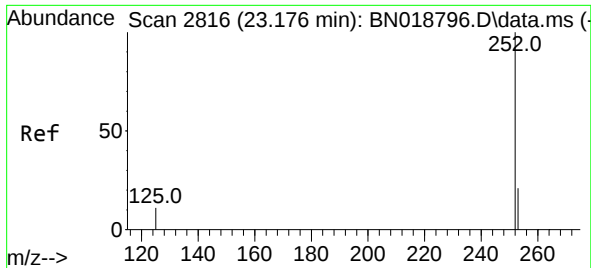
Tgt Ion:276 Resp: 3660
Ion Ratio Lower Upper
276 100
138 17.1 24.5 36.7#
277 24.3 19.8 29.8



#37
Benzo(b)fluoranthene
Concen: 0.060 ng
RT: 23.121 min Scan# 2797
Delta R.T. -0.009 min
Lab File: BN018857.D
Acq: 07 Mar 2022 13:34

Tgt Ion:252 Resp: 4840
Ion Ratio Lower Upper
252 100
253 35.5 18.9 28.3#
125 30.5 12.1 18.1#

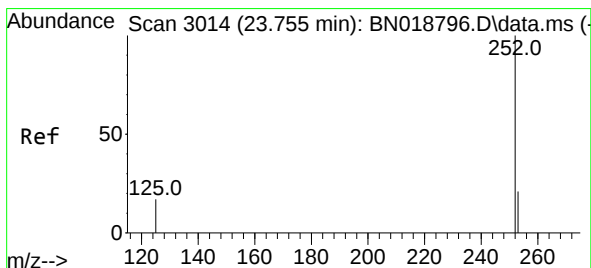
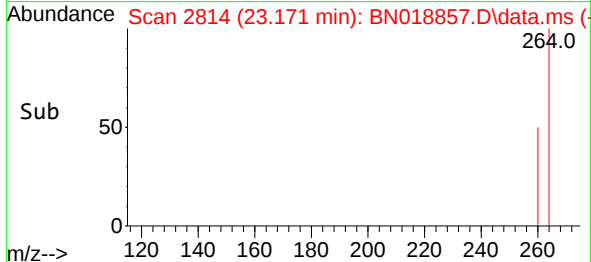
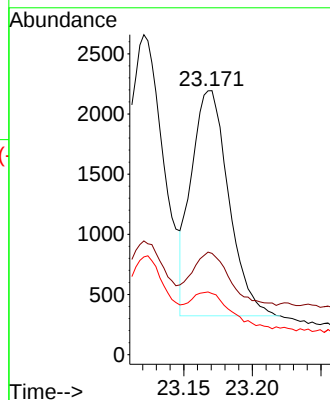
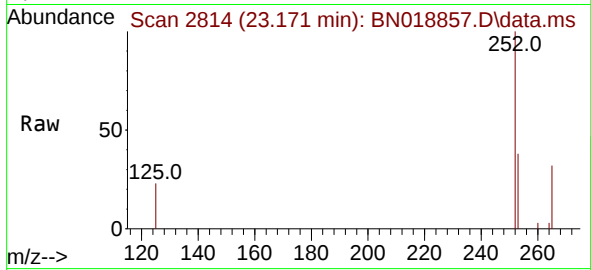




#38
Benzo(k)fluoranthene
Concen: 0.045 ng
RT: 23.171 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN018857.D
Acq: 07 Mar 2022 13:34

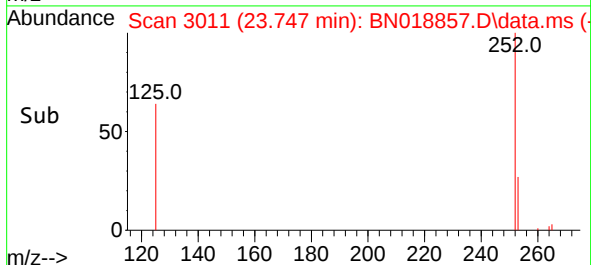
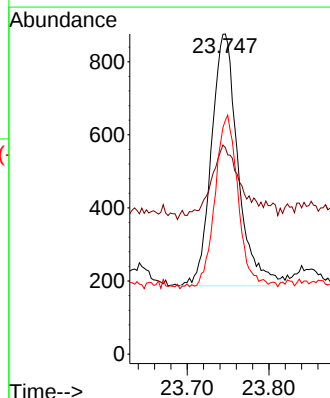
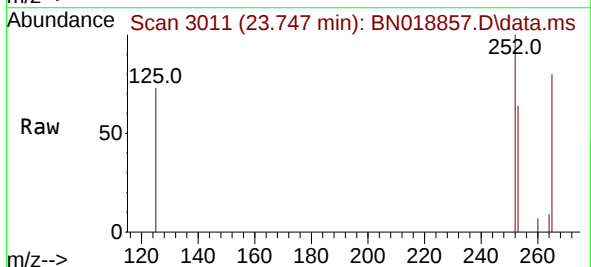
Instrument :
BNA_N
ClientSampleId :
PB143119BL

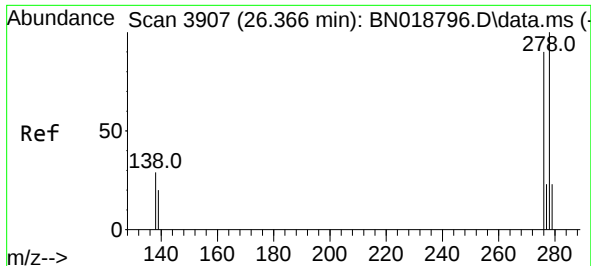
Tgt Ion:252 Resp: 3545
Ion Ratio Lower Upper
252 100
253 38.4 18.9 28.3#
125 23.2 10.3 15.5#



#39
Benzo(a)pyrene
Concen: 0.025 ng
RT: 23.747 min Scan# 3011
Delta R.T. -0.009 min
Lab File: BN018857.D
Acq: 07 Mar 2022 13:34

Tgt Ion:252 Resp: 1558
Ion Ratio Lower Upper
252 100
253 64.5 20.1 30.1#
125 72.9 15.2 22.8#

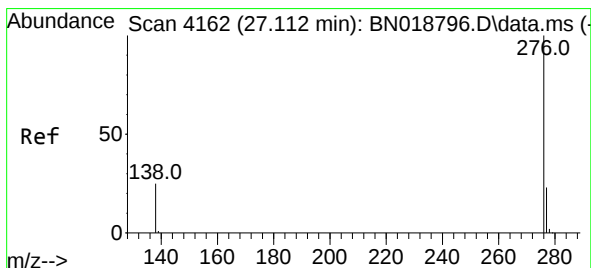
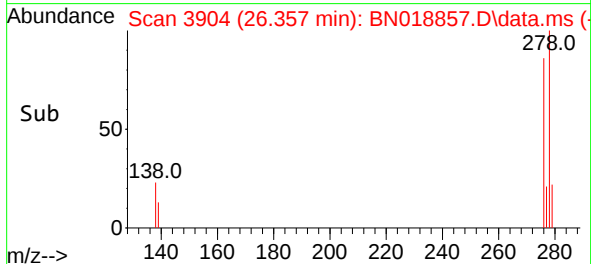
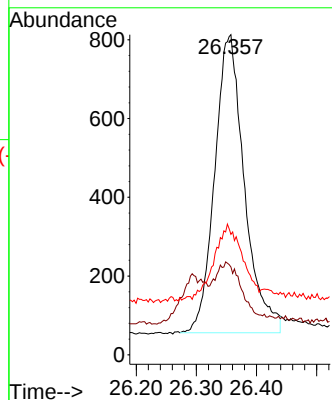
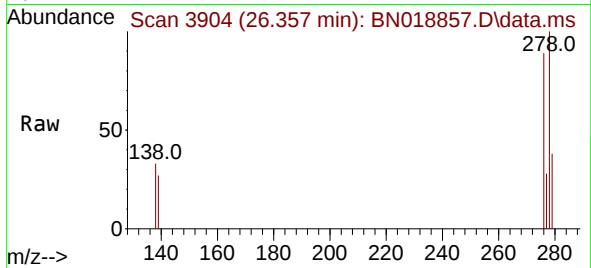




#40
Dibenzo(a,h)anthracene
Concen: 0.044 ng
RT: 26.357 min Scan# 3904
Delta R.T. -0.009 min
Lab File: BN018857.D
Acq: 07 Mar 2022 13:34

Instrument :
BNA_N
ClientSampleId :
PB143119BL

Tgt Ion:278 Resp: 2598
Ion Ratio Lower Upper
278 100
139 27.4 17.2 25.8#
279 37.6 19.9 29.9#



#41
Benzo(g,h,i)perylene
Concen: 0.051 ng
RT: 27.100 min Scan# 4158
Delta R.T. -0.012 min
Lab File: BN018857.D
Acq: 07 Mar 2022 13:34

Tgt Ion:276 Resp: 3240
Ion Ratio Lower Upper
276 100
277 28.4 19.4 29.0
138 30.7 21.0 31.6

