

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110222\
 Data File : BN022470.D
 Acq On : 02 Nov 2022 18:56
 Operator : CG/JU
 Sample : N5395-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 S-3-103122

Quant Time: Nov 03 06:25:40 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 02 05:31:40 2022
 Response via : Initial Calibration

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

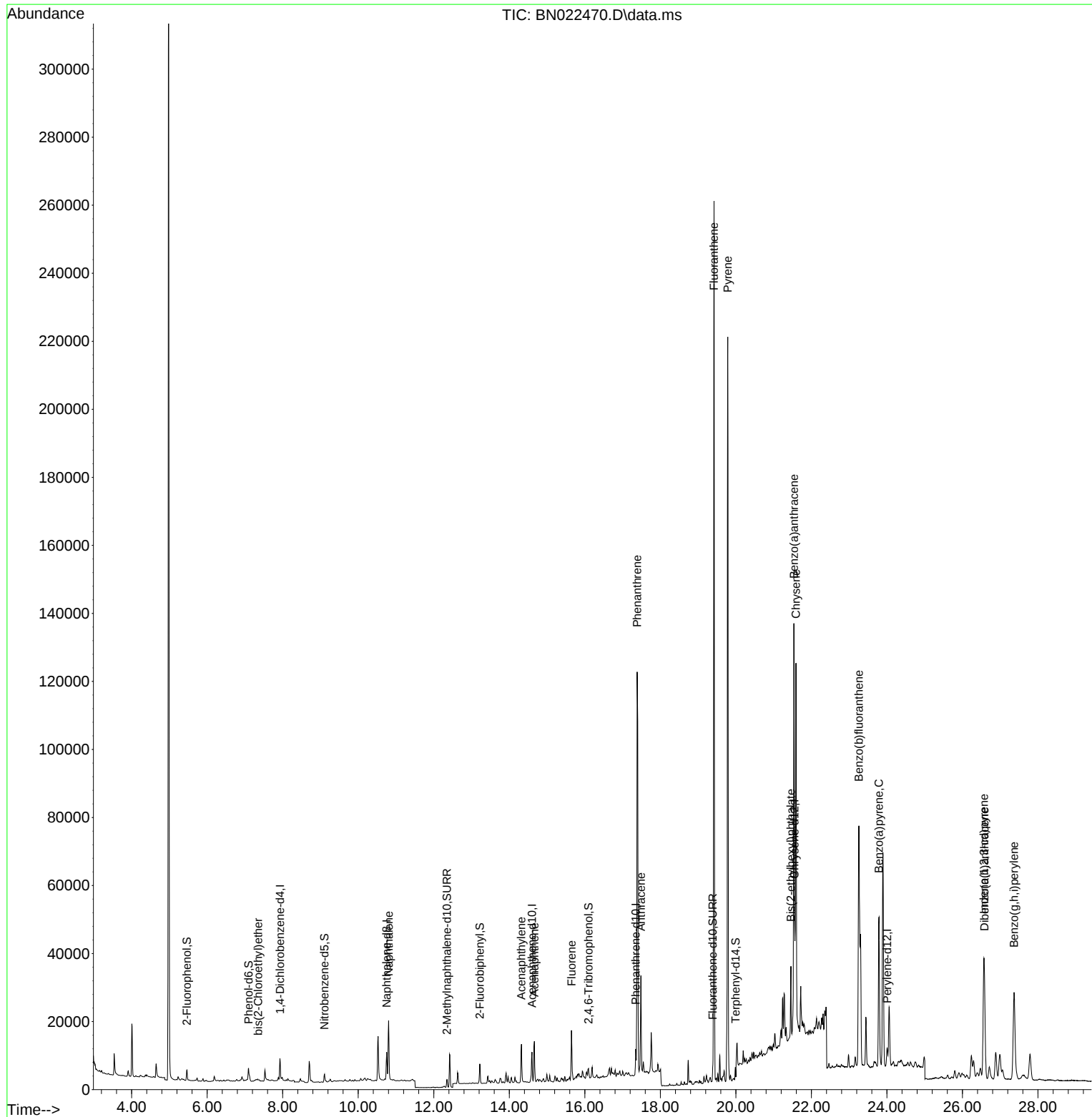
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	3255	0.400	ng	0.00
7) Naphthalene-d8	10.752	136	10561	0.400	ng	# 0.00
13) Acenaphthene-d10	14.600	164	5121	0.400	ng	0.01
19) Phenanthrene-d10	17.350	188	9350	0.400	ng	0.00
29) Chrysene-d12	21.555	240	7772	0.400	ng	# 0.00
35) Perylene-d12	24.005	264	7955	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.465	112	2751	0.317	ng	0.00
5) Phenol-d6	7.097	99	3570	0.328	ng	0.00
8) Nitrobenzene-d5	9.108	82	2099	0.230	ng	0.00
11) 2-Methylnaphthalene-d10	12.349	152	3370	0.203	ng	0.00
14) 2,4,6-Tribromophenol	16.096	330	664	0.302	ng	0.00
15) 2-Fluorobiphenyl	13.220	172	4965	0.227	ng	0.00
27) Fluoranthene-d10	19.390	212	5093	0.197	ng	0.00
31) Terphenyl-d14	19.989	244	4941	0.244	ng	0.00
Target Compounds						Qvalue
6) bis(2-Chloroethyl)ether	7.350	93	499	0.048	ng	# 73
9) Naphthalene	10.805	128	21703	0.687	ng	99
16) Acenaphthylene	14.322	152	13565	0.547	ng	98
17) Acenaphthene	14.664	154	6387	0.378	ng	98
18) Fluorene	15.647	166	9487	0.403	ng	# 97
25) Phenanthrene	17.387	178	134852	4.206	ng	100
26) Anthracene	17.486	178	28499	1.055	ng	# 95
28) Fluoranthene	19.420	202	225365	6.484	ng	100
30) Pyrene	19.786	202	195076	5.454	ng	# 95
32) Benzo(a)anthracene	21.537	228	104999	3.432	ng	98
33) Chrysene	21.591	228	93890	2.936	ng	98
34) Bis(2-ethylhexyl)phtha...	21.456	149	17780	0.886	ng	95
36) Indeno(1,2,3-cd)pyrene	26.569	276	60903	1.550	ng	94
37) Benzo(b)fluoranthene	23.257	252	123245	3.384	ng	97
39) Benzo(a)pyrene	23.786	252	61565	2.078	ng	95
40) Dibenzo(a,h)anthracene	26.584	278	15793	0.515	ng	# 74
41) Benzo(g,h,i)perylene	27.367	276	58202	1.797	ng	99

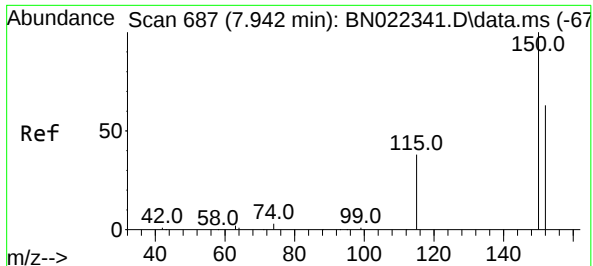
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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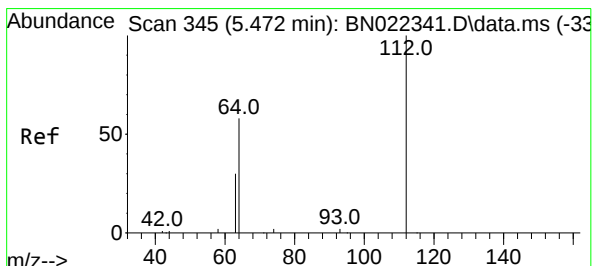
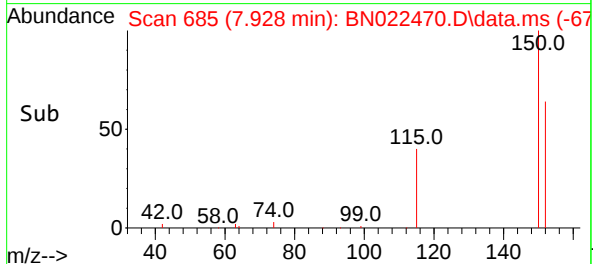
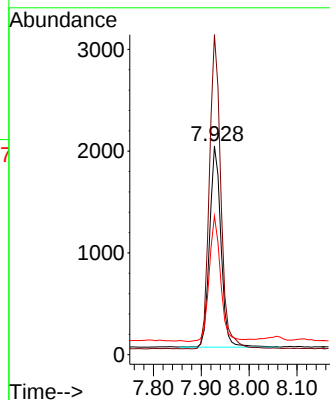
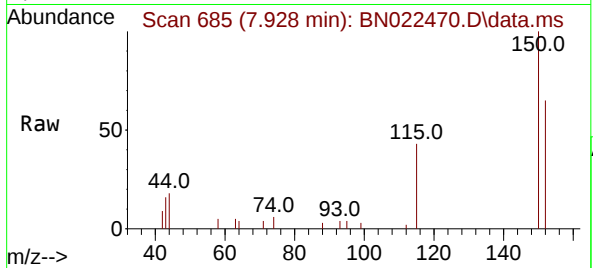




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.928 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN022470.D
Acq: 02 Nov 2022 18:56

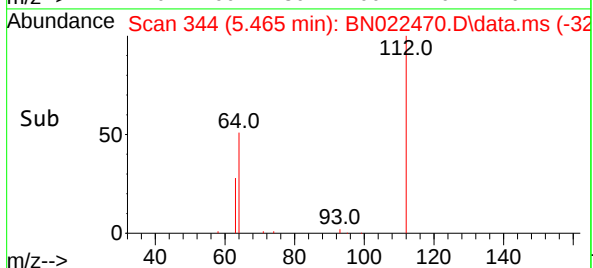
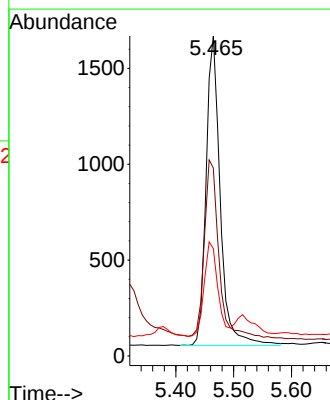
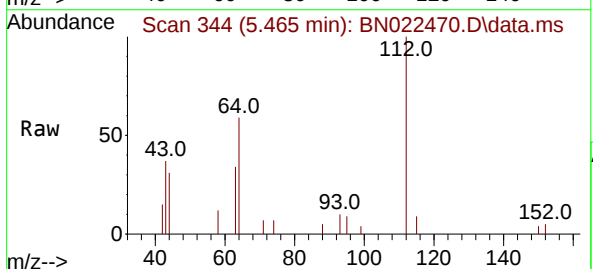
Instrument :
BNA_N
ClientSampleId :
S-3-103122

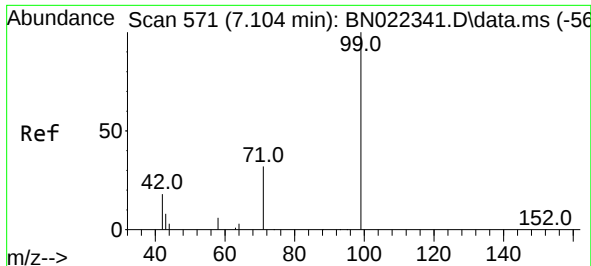
Tgt Ion:152 Resp: 3255
Ion Ratio Lower Upper
152 100
150 153.4 125.2 187.8
115 66.5 52.0 78.0



#4
2-Fluorophenol
Concen: 0.317 ng
RT: 5.465 min Scan# 344
Delta R.T. 0.007 min
Lab File: BN022470.D
Acq: 02 Nov 2022 18:56

Tgt Ion:112 Resp: 2751
Ion Ratio Lower Upper
112 100
64 59.0 47.0 70.4
63 29.8 24.5 36.7

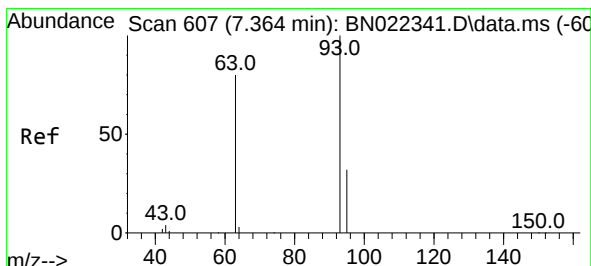
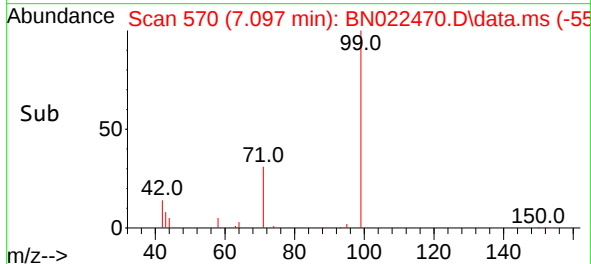
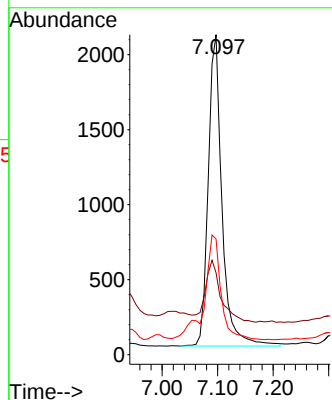
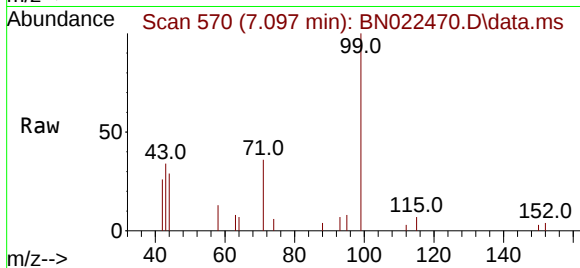




#5
Phenol-d6
Concen: 0.328 ng
RT: 7.097 min Scan# 51
Delta R.T. 0.007 min
Lab File: BN022470.D
Acq: 02 Nov 2022 18:56

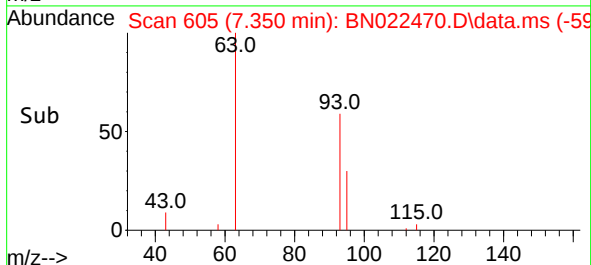
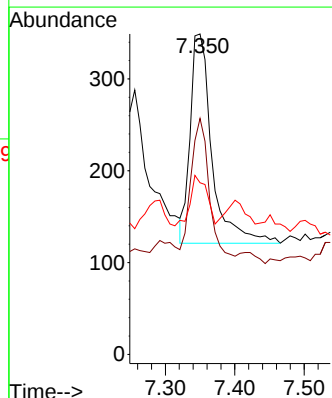
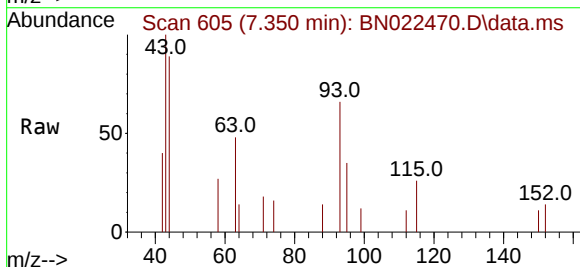
Instrument :
BNA_N
ClientSampleId :
S-3-103122

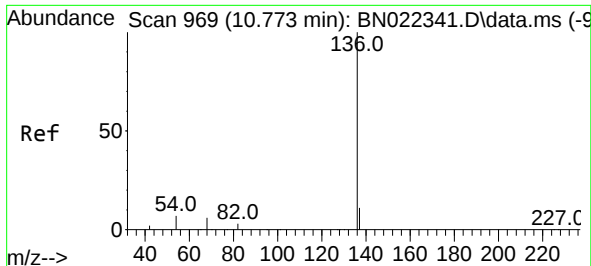
Tgt Ion: 99 Resp: 3570
Ion Ratio Lower Upper
99 100
42 22.6 16.3 24.5
71 41.0 26.1 39.1#



#6
bis(2-Chloroethyl)ether
Concen: 0.048 ng
RT: 7.350 min Scan# 605
Delta R.T. -0.000 min
Lab File: BN022470.D
Acq: 02 Nov 2022 18:56

Tgt Ion: 93 Resp: 499
Ion Ratio Lower Upper
93 100
63 53.1 62.6 93.8#
95 20.0 26.1 39.1#

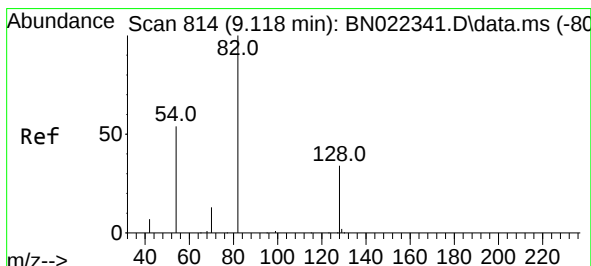
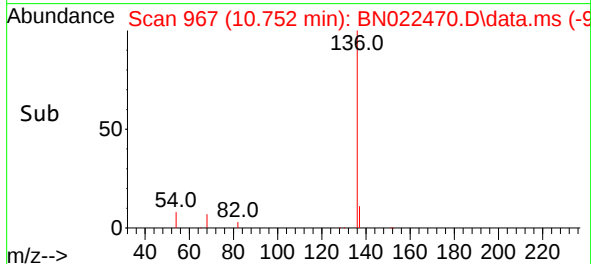
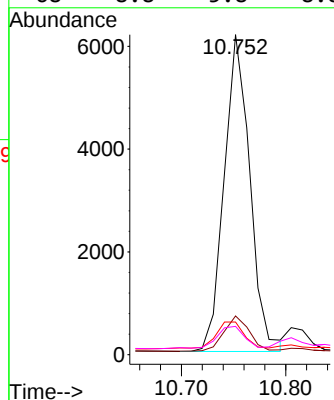
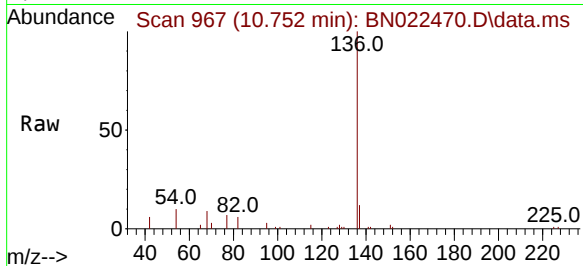




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.752 min Scan# 90
Delta R.T. -0.000 min
Lab File: BN022470.D
Acq: 02 Nov 2022 18:56

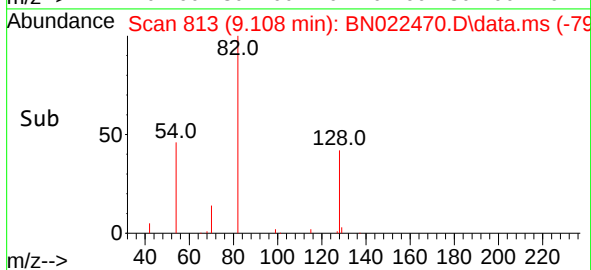
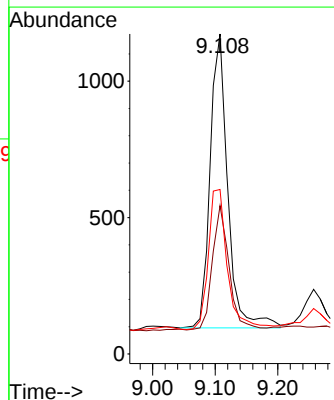
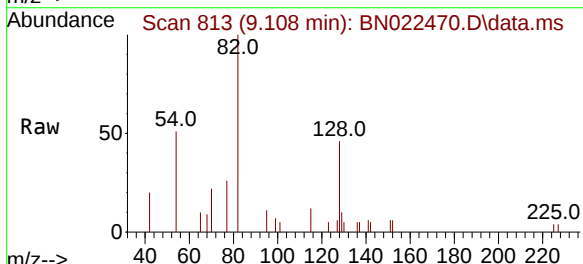
Instrument :
BNA_N
ClientSampleId :
S-3-103122

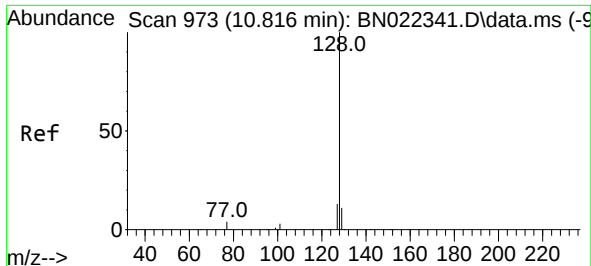
Tgt Ion:136	Resp:	10561
Ion Ratio	Lower	Upper
136	100	
137	12.1	9.4 14.2
54	10.2	6.5 9.7#
68	8.8	5.8 8.8#



#8
Nitrobenzene-d5
Concen: 0.230 ng
RT: 9.108 min Scan# 813
Delta R.T. -0.000 min
Lab File: BN022470.D
Acq: 02 Nov 2022 18:56

Tgt Ion: 82	Resp:	2099
Ion Ratio	Lower	Upper
82	100	
128	46.4	30.5 45.7#
54	51.4	45.2 67.8

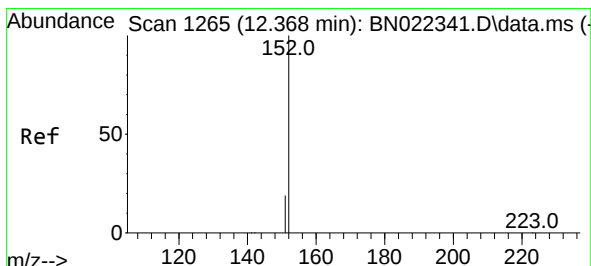
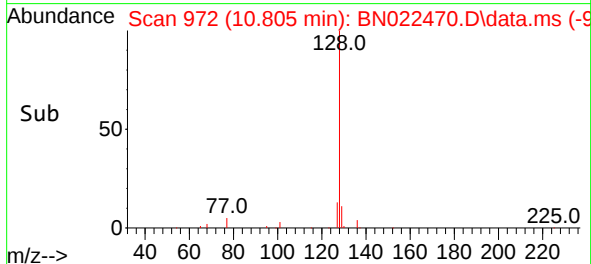
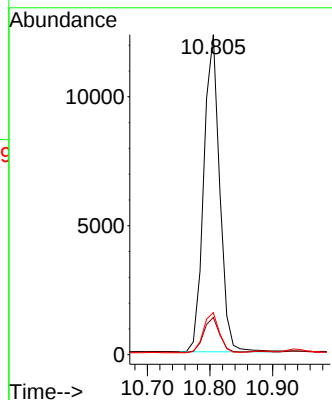
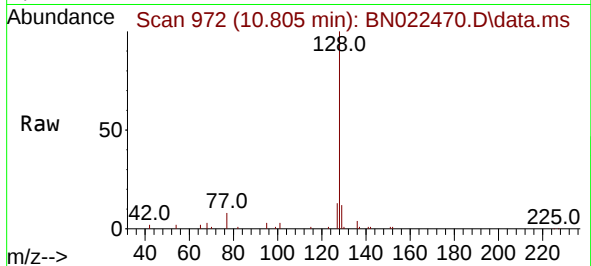




#9
Naphthalene
Concen: 0.687 ng
RT: 10.805 min Scan# 91
Delta R.T. 0.010 min
Lab File: BN022470.D
Acq: 02 Nov 2022 18:56

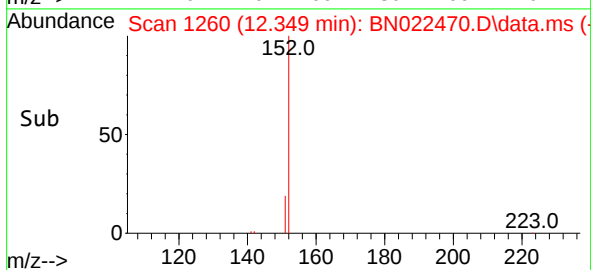
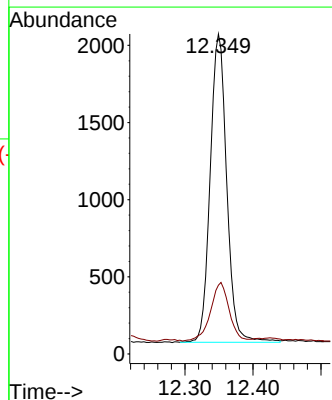
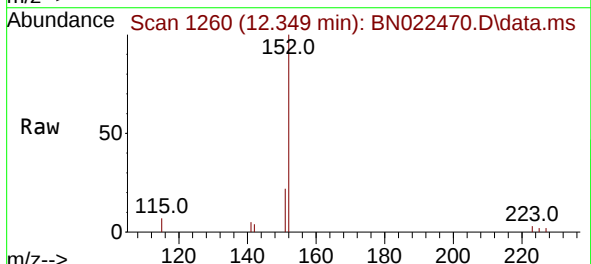
Instrument :
BNA_N
ClientSampleId :
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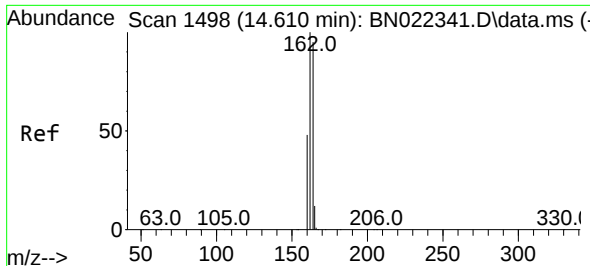
Tgt Ion:128 Resp: 21703
Ion Ratio Lower Upper
128 100
129 11.6 9.4 14.2
127 13.2 11.0 16.6



#11
2-Methylnaphthalene-d10
Concen: 0.203 ng
RT: 12.349 min Scan# 1260
Delta R.T. -0.000 min
Lab File: BN022470.D
Acq: 02 Nov 2022 18:56

Tgt Ion:152 Resp: 3370
Ion Ratio Lower Upper
152 100
151 21.5 16.7 25.1

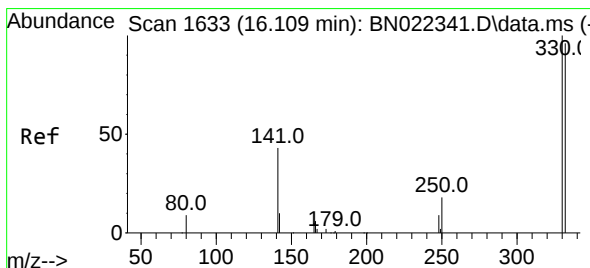
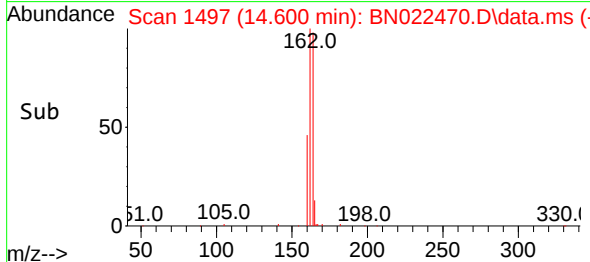
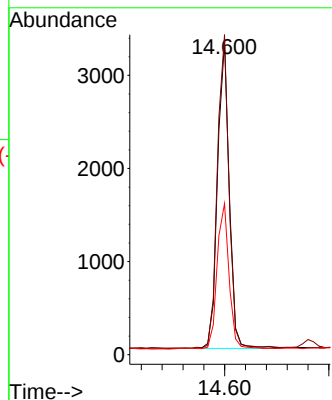
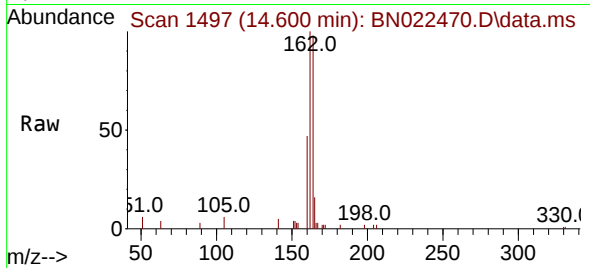




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.600 min Scan# 1498
 Delta R.T. 0.011 min
 Lab File: BN022470.D
 Acq: 02 Nov 2022 18:56

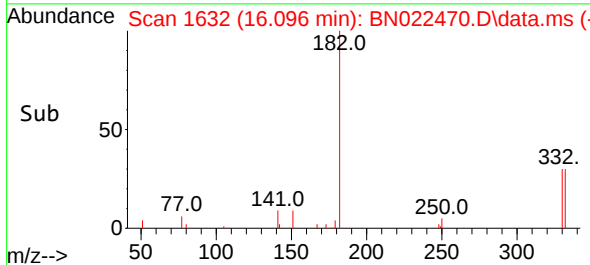
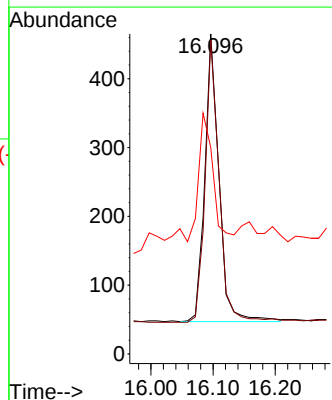
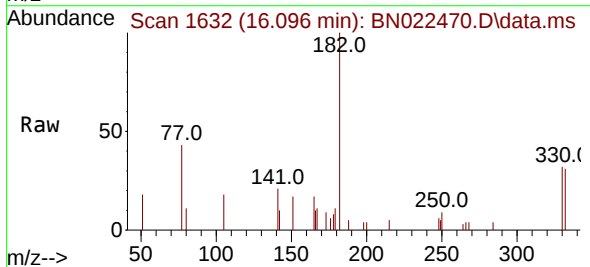
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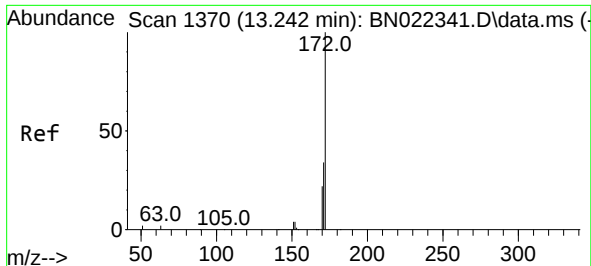
Tgt Ion:164 Resp: 5121
 Ion Ratio Lower Upper
 164 100
 162 102.4 83.9 125.9
 160 48.3 41.0 61.4



#14
 2,4,6-Tribromophenol
 Concen: 0.302 ng
 RT: 16.096 min Scan# 1632
 Delta R.T. -0.000 min
 Lab File: BN022470.D
 Acq: 02 Nov 2022 18:56

Tgt Ion:330 Resp: 664
 Ion Ratio Lower Upper
 330 100
 332 97.0 78.6 118.0
 141 40.2 40.2 60.4#

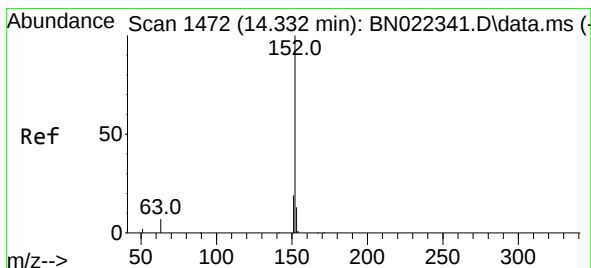
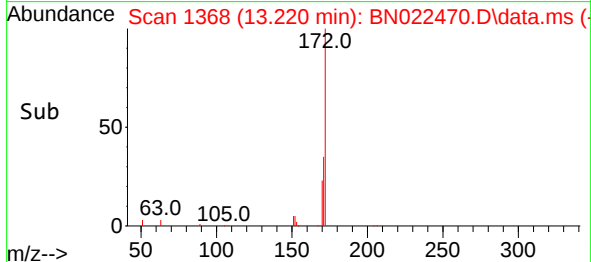
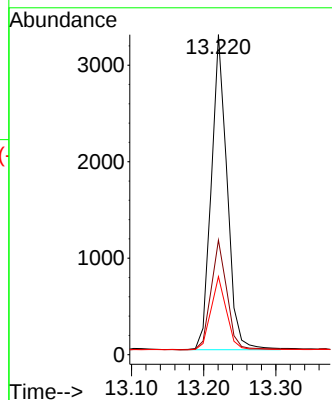
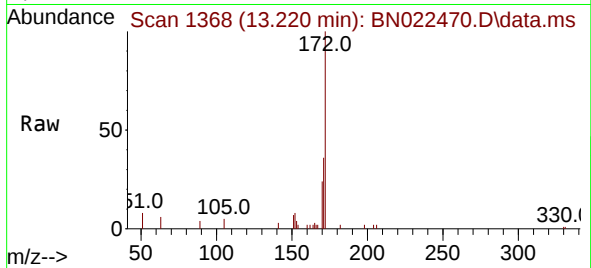




#15
2-Fluorobiphenyl
Concen: 0.227 ng
RT: 13.220 min Scan# 1368
Delta R.T. -0.000 min
Lab File: BN022470.D
Acq: 02 Nov 2022 18:56

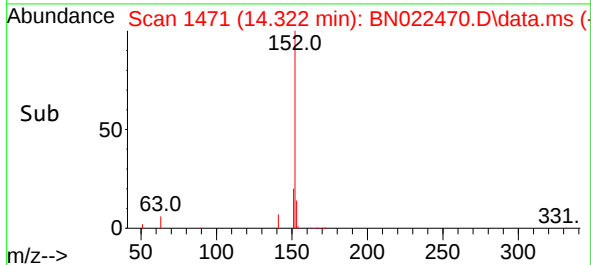
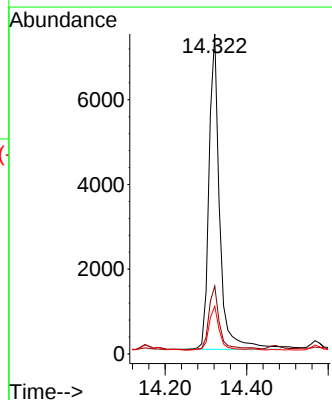
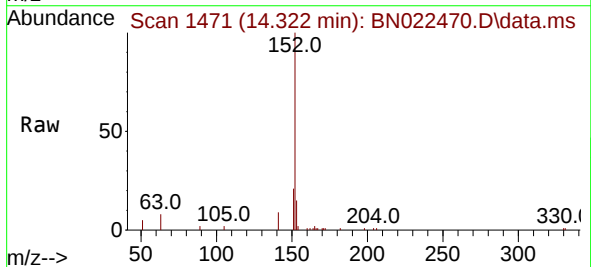
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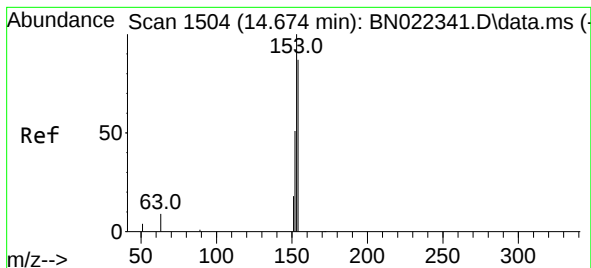
Tgt Ion:	172	Resp:	4965
Ion Ratio	Lower	Upper	
172	100		
171	35.8	27.4	41.0
170	24.4	18.5	27.7



#16
Acenaphthylene
Concen: 0.547 ng
RT: 14.322 min Scan# 1471
Delta R.T. 0.010 min
Lab File: BN022470.D
Acq: 02 Nov 2022 18:56

Tgt Ion:	152	Resp:	13565
Ion Ratio	Lower	Upper	
152	100		
151	20.2	15.2	22.8
153	13.6	10.3	15.5





#17

Acenaphthene

Concen: 0.378 ng

RT: 14.664 min Scan# 1503

Delta R.T. 0.011 min

Lab File: BN022470.D

Acq: 02 Nov 2022 18:56

Instrument :

BNA_N

ClientSampleId :

S-3-103122

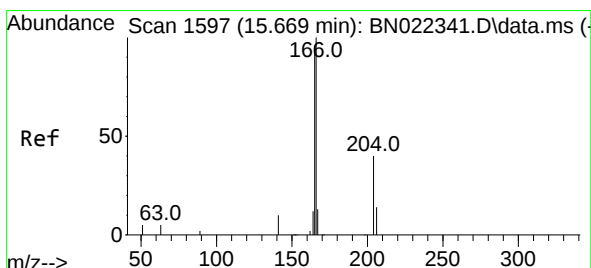
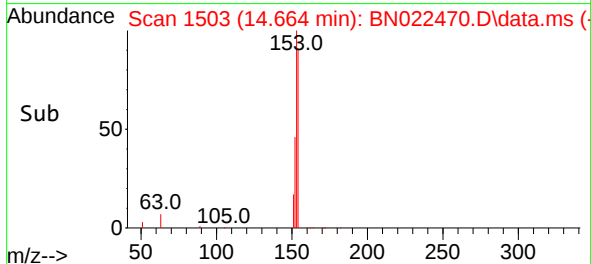
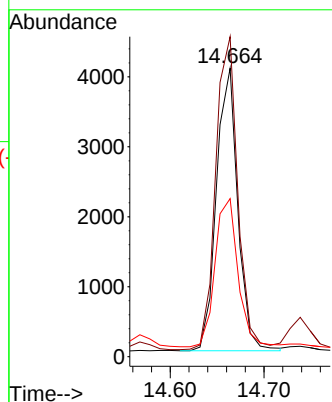
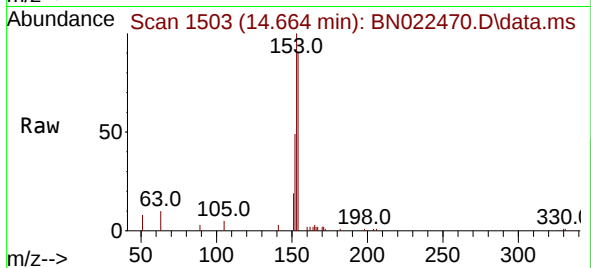
Tgt Ion:154 Resp: 6387

Ion Ratio Lower Upper

154 100

153 114.5 92.2 138.2

152 56.6 47.6 71.4



#18

Fluorene

Concen: 0.403 ng

RT: 15.647 min Scan# 1595

Delta R.T. -0.000 min

Lab File: BN022470.D

Acq: 02 Nov 2022 18:56

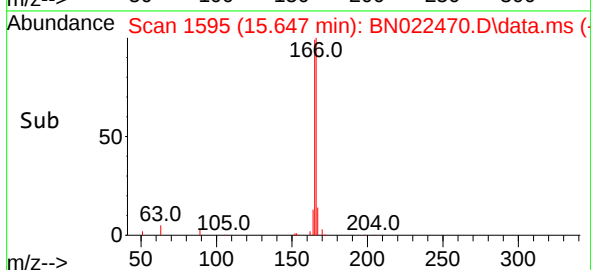
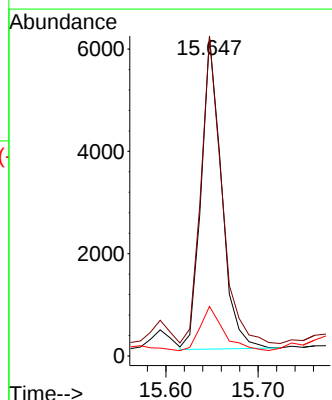
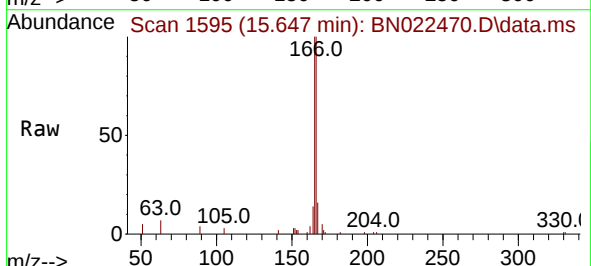
Tgt Ion:166 Resp: 9487

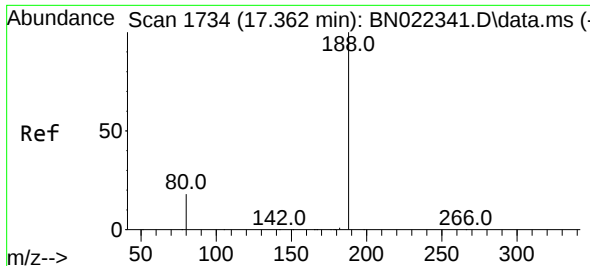
Ion Ratio Lower Upper

166 100

165 100.1 78.6 118.0

167 16.1 10.2 15.4#

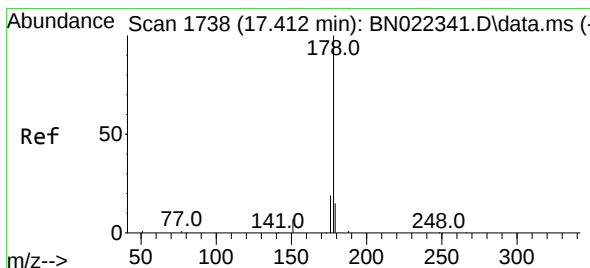
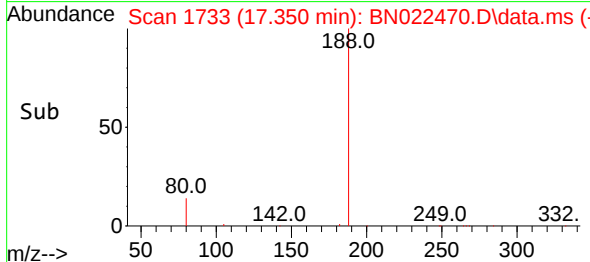
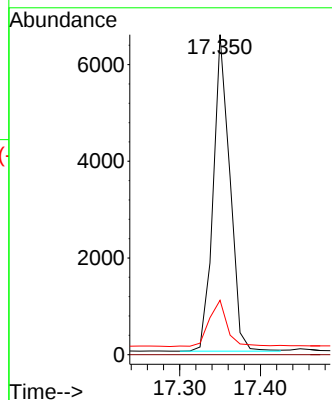
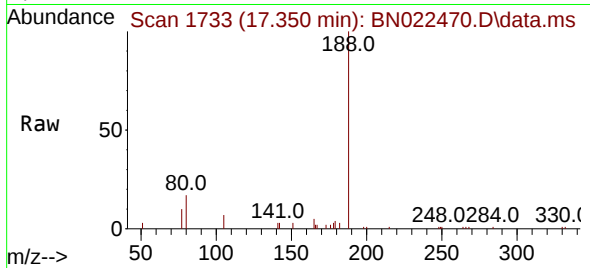




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.350 min Scan# 1733
Delta R.T. -0.000 min
Lab File: BN022470.D
Acq: 02 Nov 2022 18:56

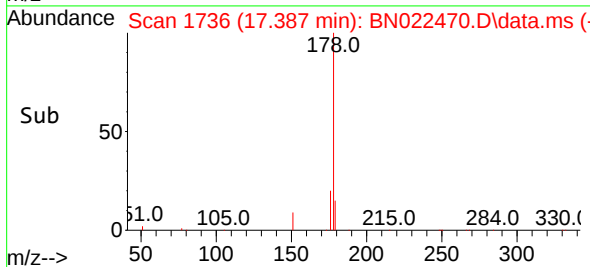
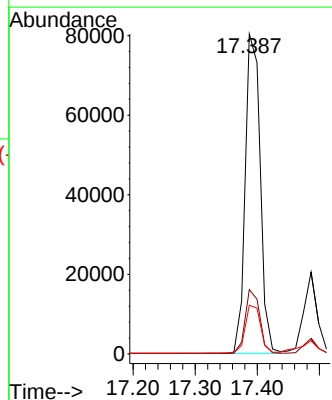
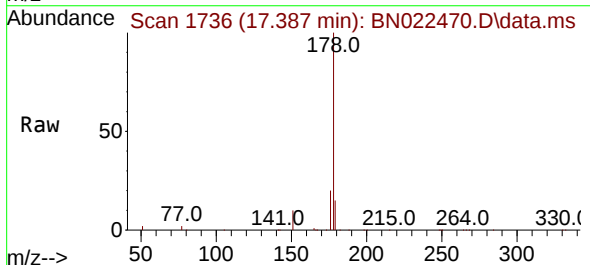
Instrument :
BNA_N
ClientSampleId :
S-3-103122

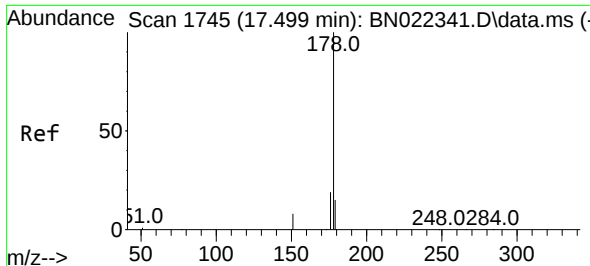
Tgt Ion:188 Resp: 9350
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 17.0 15.0 22.6



#25
Phenanthrene
Concen: 4.206 ng
RT: 17.387 min Scan# 1736
Delta R.T. -0.000 min
Lab File: BN022470.D
Acq: 02 Nov 2022 18:56

Tgt Ion:178 Resp: 134852
Ion Ratio Lower Upper
178 100
176 19.4 15.3 22.9
179 15.5 12.5 18.7

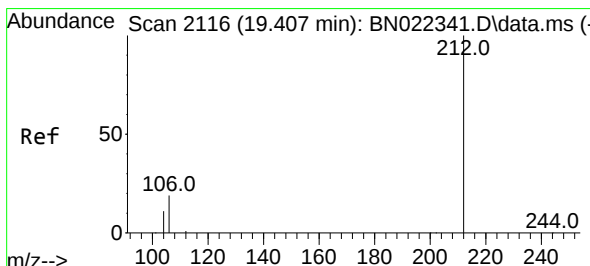
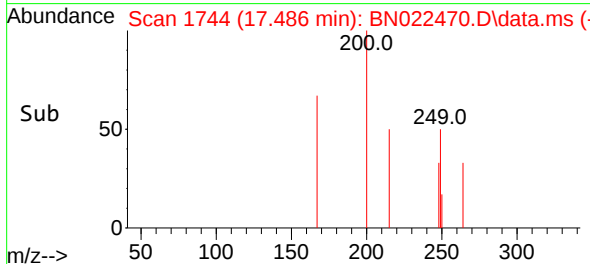
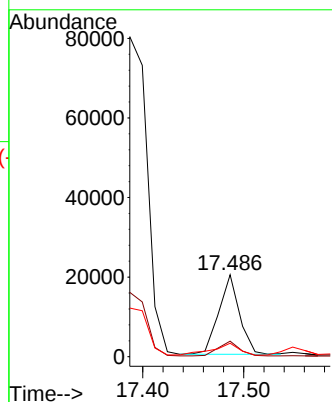
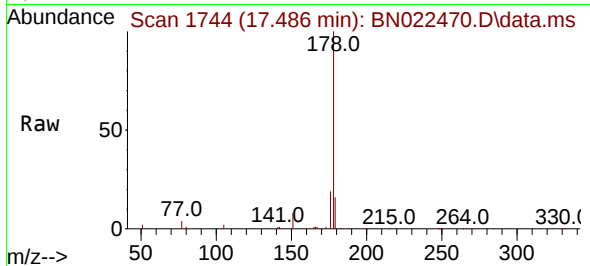




#26
 Anthracene
 Concen: 1.055 ng
 RT: 17.486 min Scan# 1744
 Delta R.T. -0.000 min
 Lab File: BN022470.D
 Acq: 02 Nov 2022 18:56

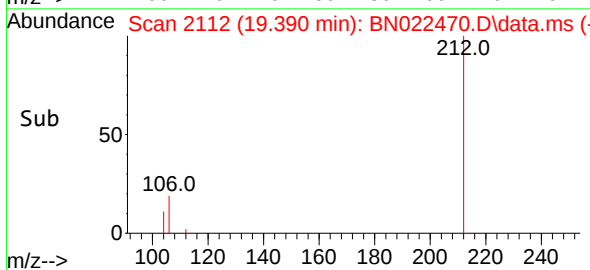
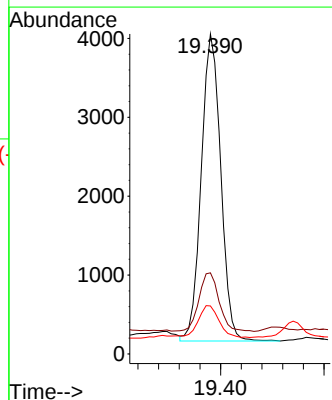
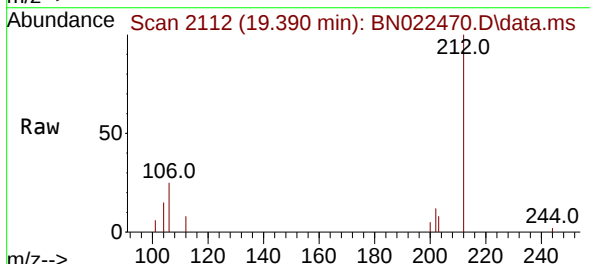
Instrument :
 BNA_N
 ClientSampleId :
 S-3-103122

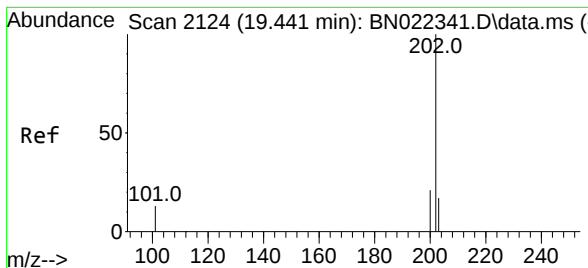
Tgt Ion:178 Resp: 28499
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.0 22.4
 179 18.7 12.2 18.4#



#27
 Fluoranthene-d10
 Concen: 0.197 ng
 RT: 19.390 min Scan# 2112
 Delta R.T. -0.000 min
 Lab File: BN022470.D
 Acq: 02 Nov 2022 18:56

Tgt Ion:212 Resp: 5093
 Ion Ratio Lower Upper
 212 100
 106 19.7 15.0 22.4
 104 10.9 9.3 13.9





#28

Fluoranthene

Concen: 6.484 ng

RT: 19.420 min Scan# 2119

Delta R.T. -0.000 min

Lab File: BN022470.D

Acq: 02 Nov 2022 18:56

Instrument :

BNA_N

ClientSampleId :

S-3-103122

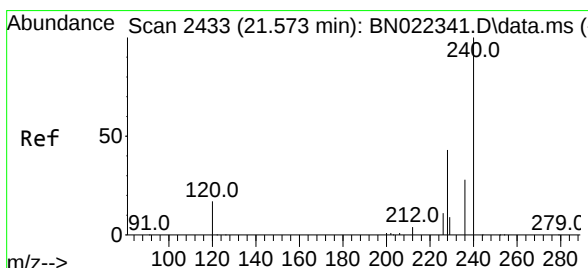
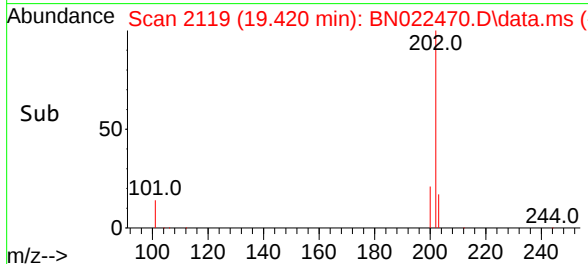
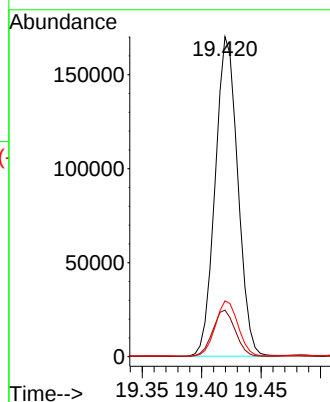
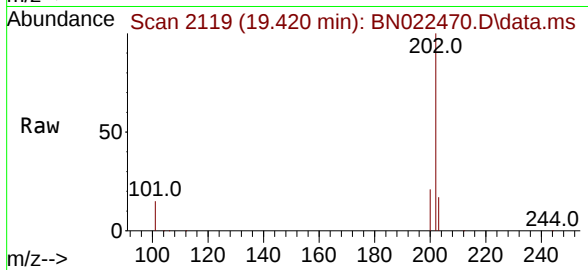
Tgt Ion:202 Resp: 225365

Ion Ratio Lower Upper

202 100

101 14.4 11.4 17.0

203 17.3 13.7 20.5



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.555 min Scan# 2431

Delta R.T. -0.000 min

Lab File: BN022470.D

Acq: 02 Nov 2022 18:56

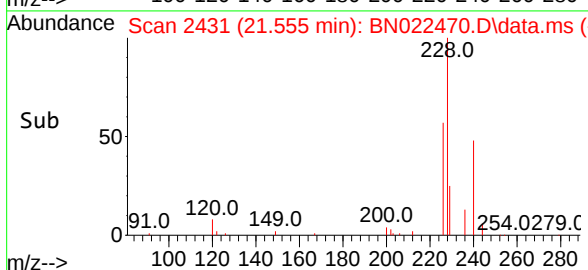
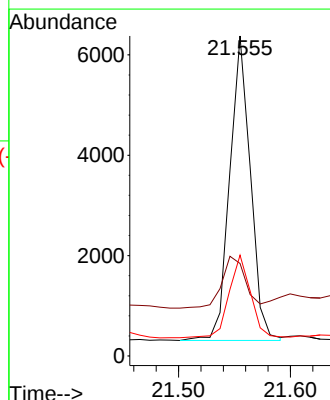
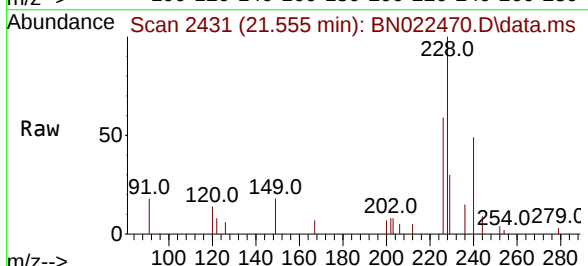
Tgt Ion:240 Resp: 7772

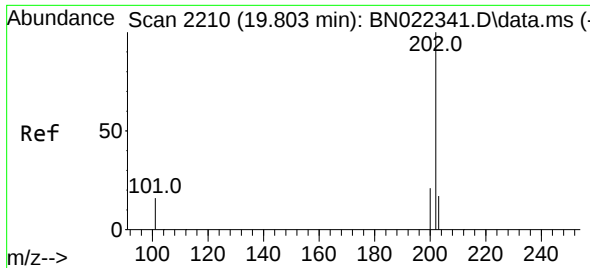
Ion Ratio Lower Upper

240 100

120 28.9 15.8 23.6#

236 31.5 23.2 34.8

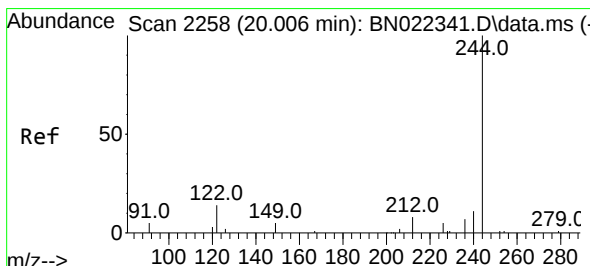
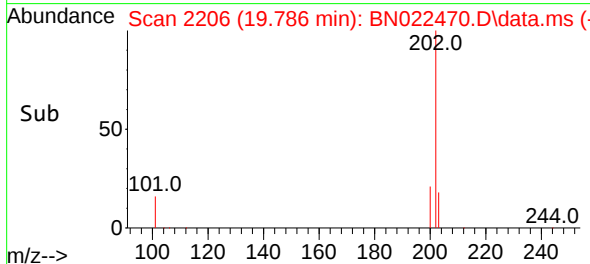
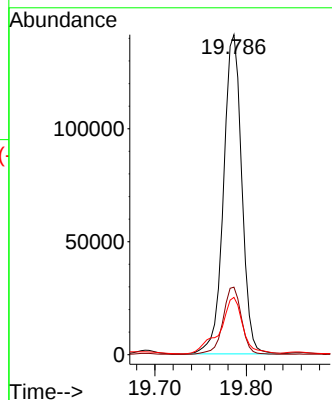
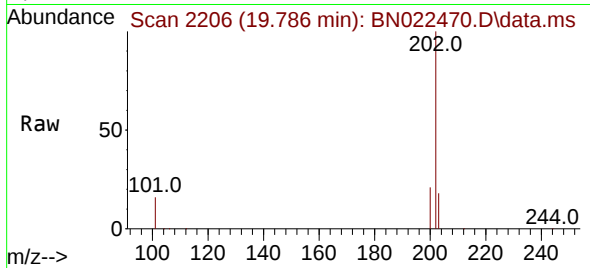




#30
Pyrene
Concen: 5.454 ng
RT: 19.786 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN022470.D
Acq: 02 Nov 2022 18:56

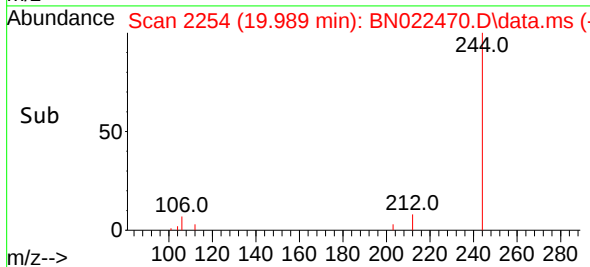
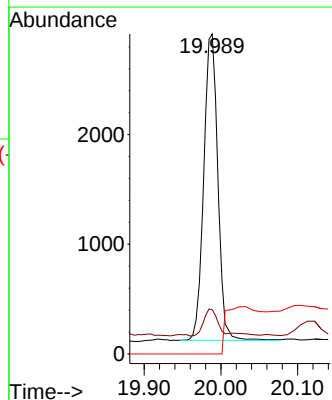
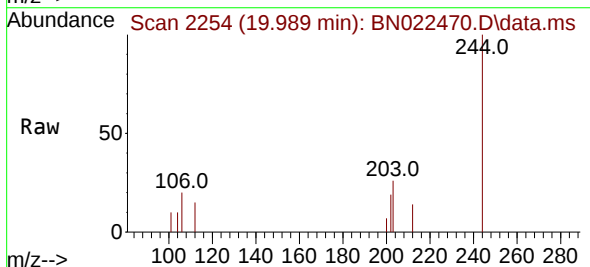
Instrument :
BNA_N
ClientSampleId :
S-3-103122

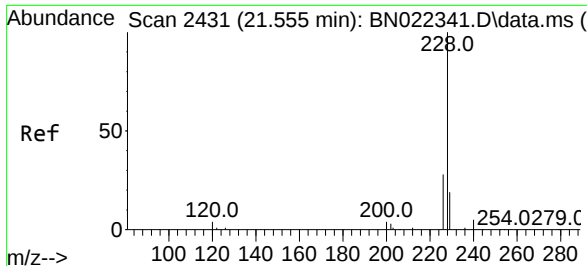
Tgt Ion:202 Resp: 195076
Ion Ratio Lower Upper
202 100
200 21.3 16.8 25.2
203 22.2 14.2 21.2#



#31
Terphenyl-d14
Concen: 0.244 ng
RT: 19.989 min Scan# 2254
Delta R.T. 0.004 min
Lab File: BN022470.D
Acq: 02 Nov 2022 18:56

Tgt Ion:244 Resp: 4941
Ion Ratio Lower Upper
244 100
212 13.8 7.0 10.4#
122 0.0 11.5 17.3#

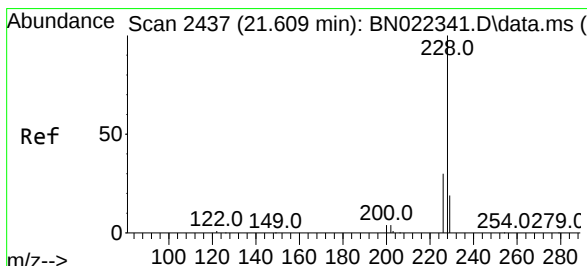
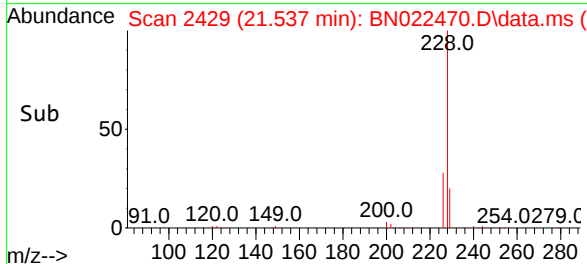
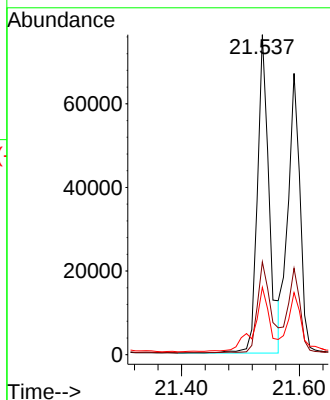
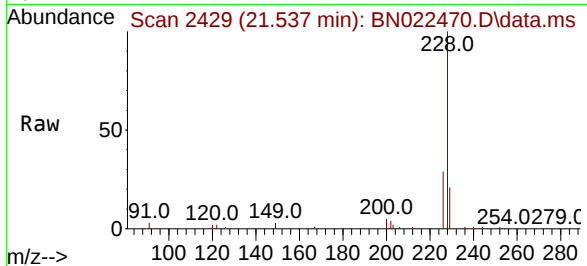




#32
Benzo(a)anthracene
Concen: 3.432 ng
RT: 21.537 min Scan# 2429
Delta R.T. -0.000 min
Lab File: BN022470.D
Acq: 02 Nov 2022 18:56

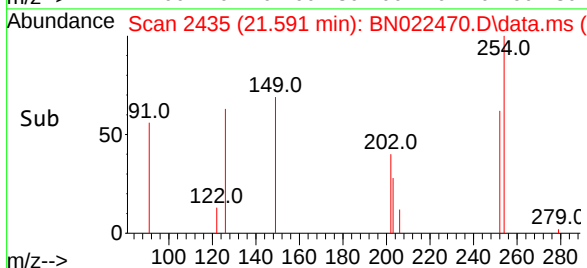
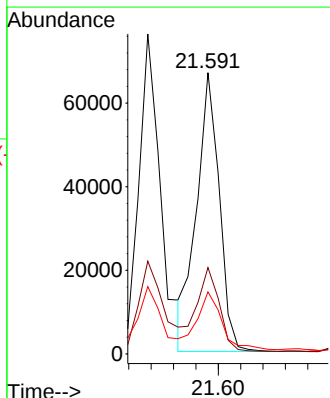
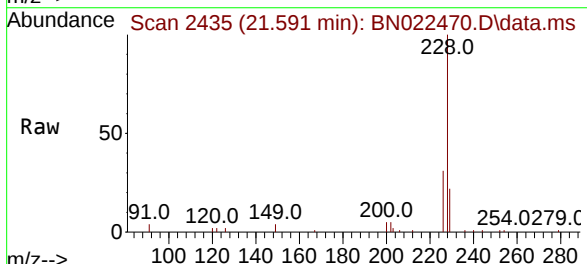
Instrument :
BNA_N
ClientSampleId :
S-3-103122

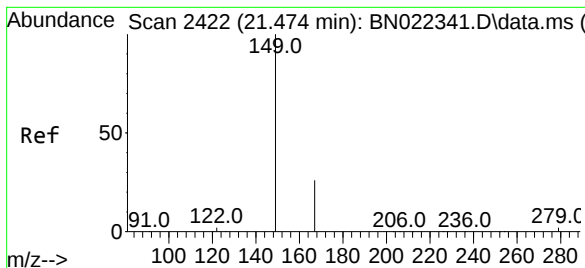
Tgt Ion:228 Resp: 104999
Ion Ratio Lower Upper
228 100
226 29.0 22.6 34.0
229 21.0 15.5 23.3



#33
Chrysene
Concen: 2.936 ng
RT: 21.591 min Scan# 2435
Delta R.T. -0.000 min
Lab File: BN022470.D
Acq: 02 Nov 2022 18:56

Tgt Ion:228 Resp: 93890
Ion Ratio Lower Upper
228 100
226 30.7 24.5 36.7
229 22.1 15.6 23.4

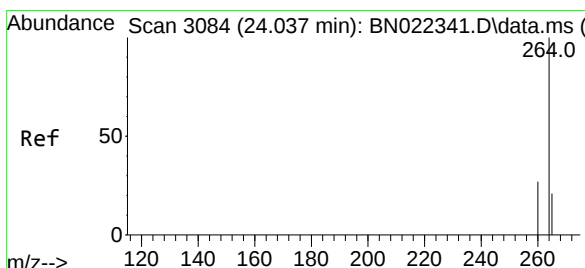
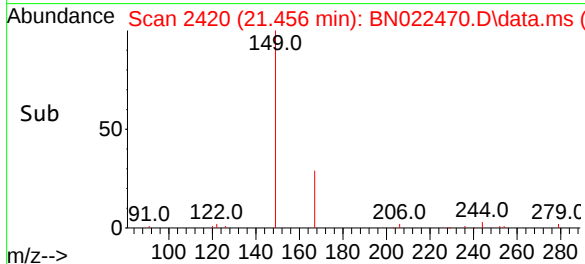
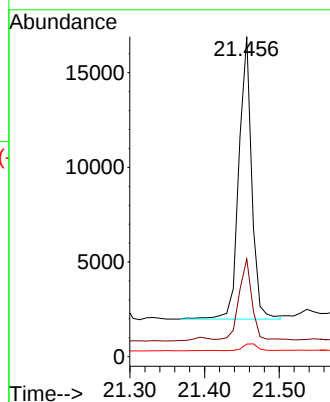
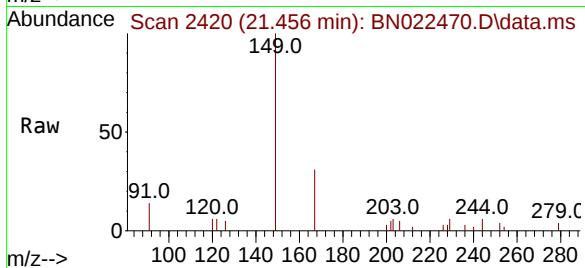




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.886 ng
 RT: 21.456 min Scan# 2420
 Delta R.T. 0.009 min
 Lab File: BN022470.D
 Acq: 02 Nov 2022 18:56

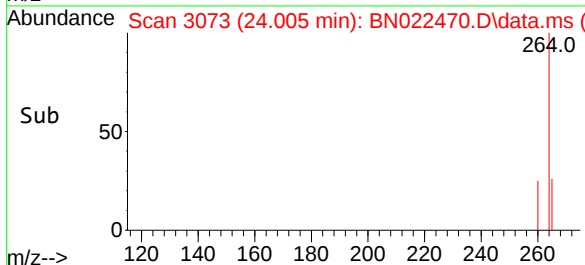
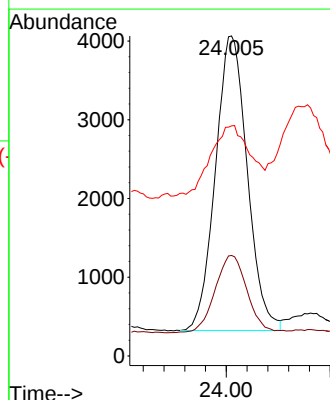
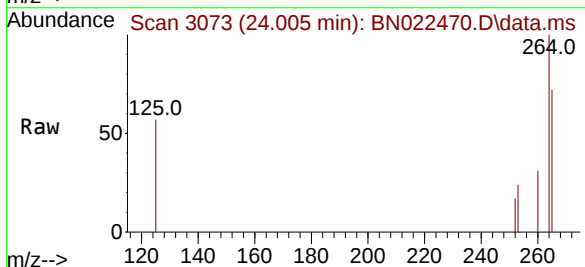
Instrument :
 BNA_N
 ClientSampleId :
 S-3-103122

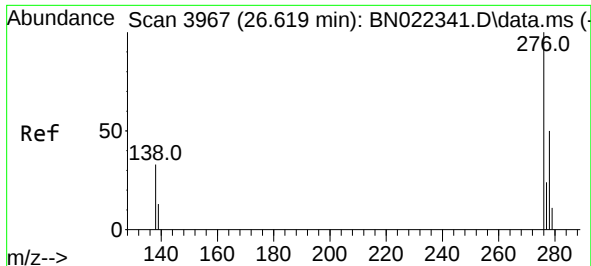
Tgt Ion:149 Resp: 17780
 Ion Ratio Lower Upper
 149 100
 167 28.4 20.2 30.4
 279 2.7 2.3 3.5



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.005 min Scan# 3073
 Delta R.T. 0.003 min
 Lab File: BN022470.D
 Acq: 02 Nov 2022 18:56

Tgt Ion:264 Resp: 7955
 Ion Ratio Lower Upper
 264 100
 260 31.4 22.1 33.1
 265 71.9 53.0 79.4

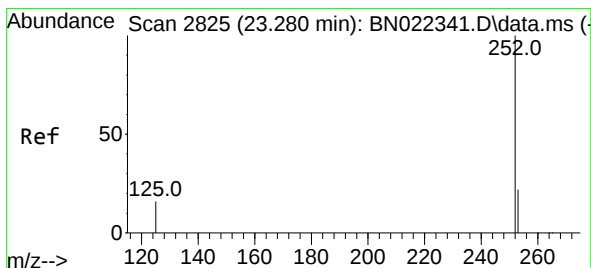
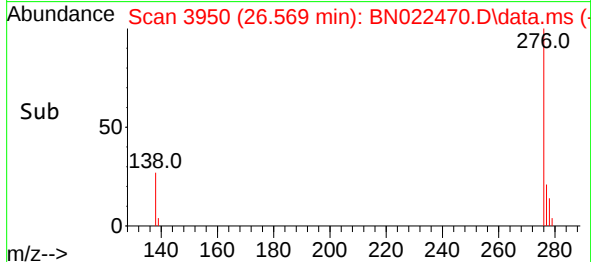
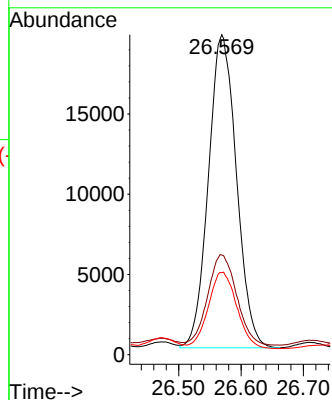
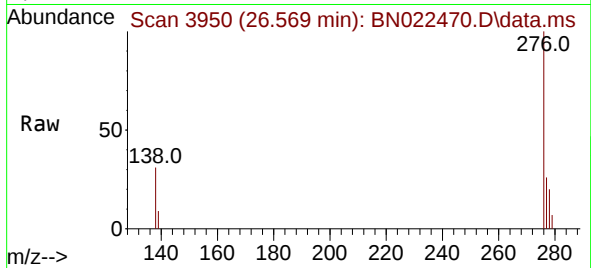




#36
 Indeno(1,2,3-cd)pyrene
 Concen: 1.550 ng
 RT: 26.569 min Scan# 3967
 Delta R.T. 0.003 min
 Lab File: BN022470.D
 Acq: 02 Nov 2022 18:56

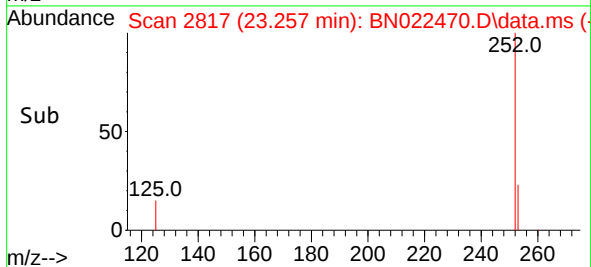
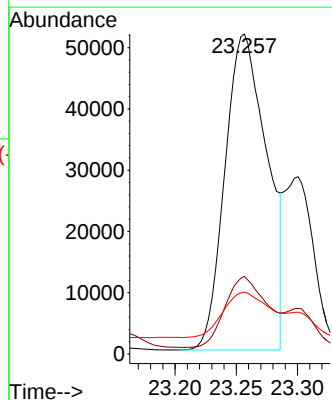
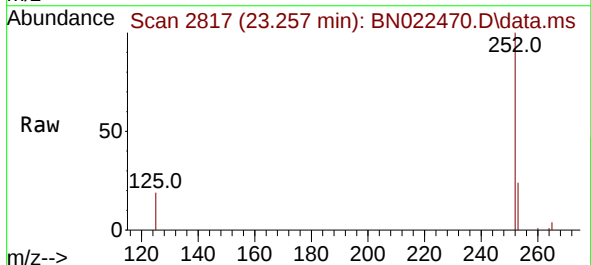
Instrument :
 BNA_N
 ClientSampleId :
 S-3-103122

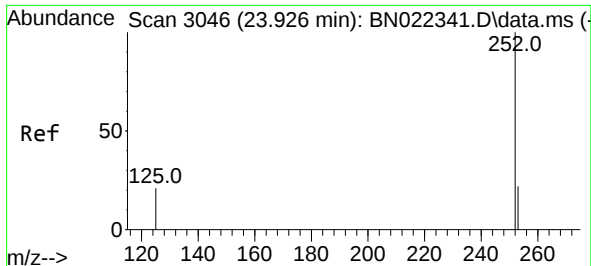
Tgt Ion:276 Resp: 60903
 Ion Ratio Lower Upper
 276 100
 138 29.8 28.2 42.2
 277 25.0 19.7 29.5



#37
 Benzo(b)fluoranthene
 Concen: 3.384 ng
 RT: 23.257 min Scan# 2817
 Delta R.T. 0.009 min
 Lab File: BN022470.D
 Acq: 02 Nov 2022 18:56

Tgt Ion:252 Resp: 123245
 Ion Ratio Lower Upper
 252 100
 253 24.3 20.4 30.6
 125 19.4 16.6 25.0





#39

Benzo(a)pyrene

Concen: 2.078 ng

RT: 23.786 min Scan# 2998

Delta R.T. -0.105 min

Lab File: BN022470.D

Acq: 02 Nov 2022 18:56

Instrument :

BN022470.D

ClientSampleId :

S-3-103122

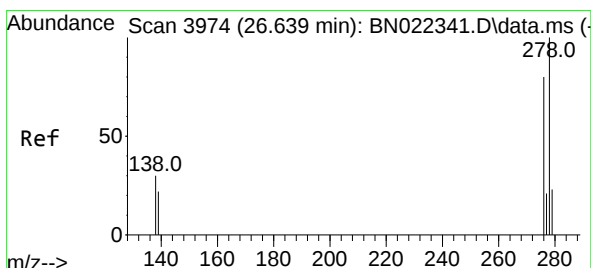
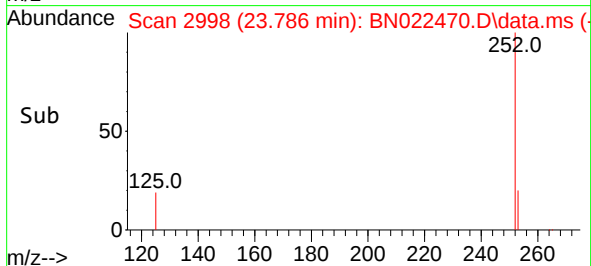
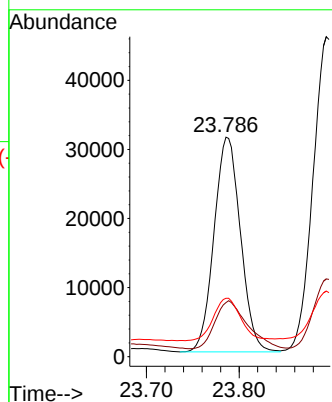
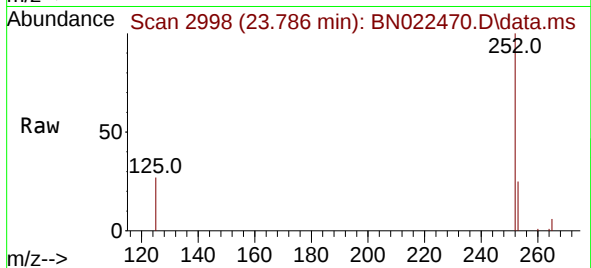
Tgt Ion:252 Resp: 61565

Ion Ratio Lower Upper

252 100

253 24.6 21.9 32.9

125 26.6 22.9 34.3



#40

Dibenzo(a,h)anthracene

Concen: 0.515 ng

RT: 26.584 min Scan# 3955

Delta R.T. -0.003 min

Lab File: BN022470.D

Acq: 02 Nov 2022 18:56

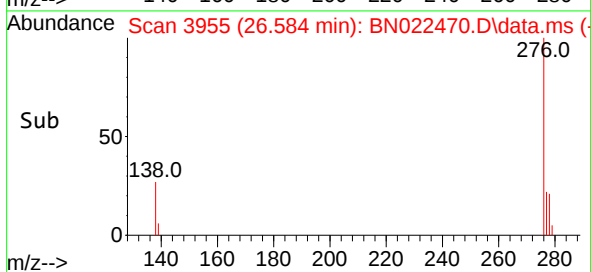
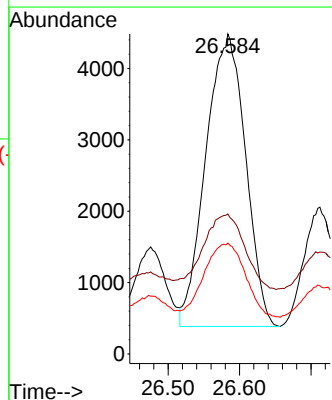
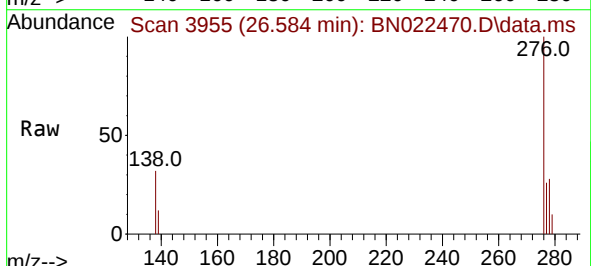
Tgt Ion:278 Resp: 15793

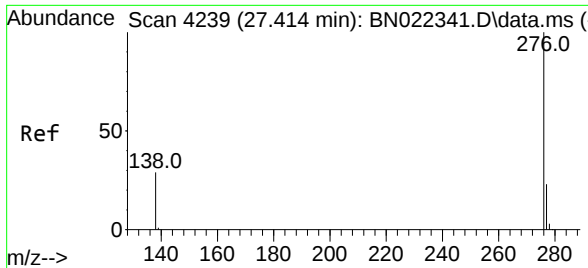
Ion Ratio Lower Upper

278 100

139 43.7 20.2 30.2#

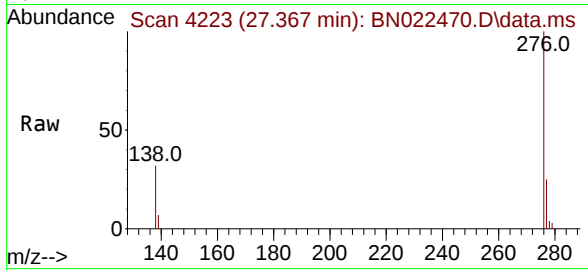
279 34.7 21.0 31.4#





#41
 Benzo(g,h,i)perylene
 Concen: 1.797 ng
 RT: 27.367 min Scan# 41
 Delta R.T. 0.009 min
 Lab File: BN022470.D
 Acq: 02 Nov 2022 18:56

Instrument :
 BNA_N
 ClientSampleId :
 S-3-103122



Tgt Ion:	276	Resp:	58202
Ion Ratio	Lower	Upper	
276	100		
277	25.1	19.5	29.3
138	32.1	25.0	37.4

