

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110222\
 Data File : BN022469.D
 Acq On : 02 Nov 2022 18:17
 Operator : CG/JU
 Sample : N5395-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 S-2-103122

Quant Time: Nov 03 06:25:17 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

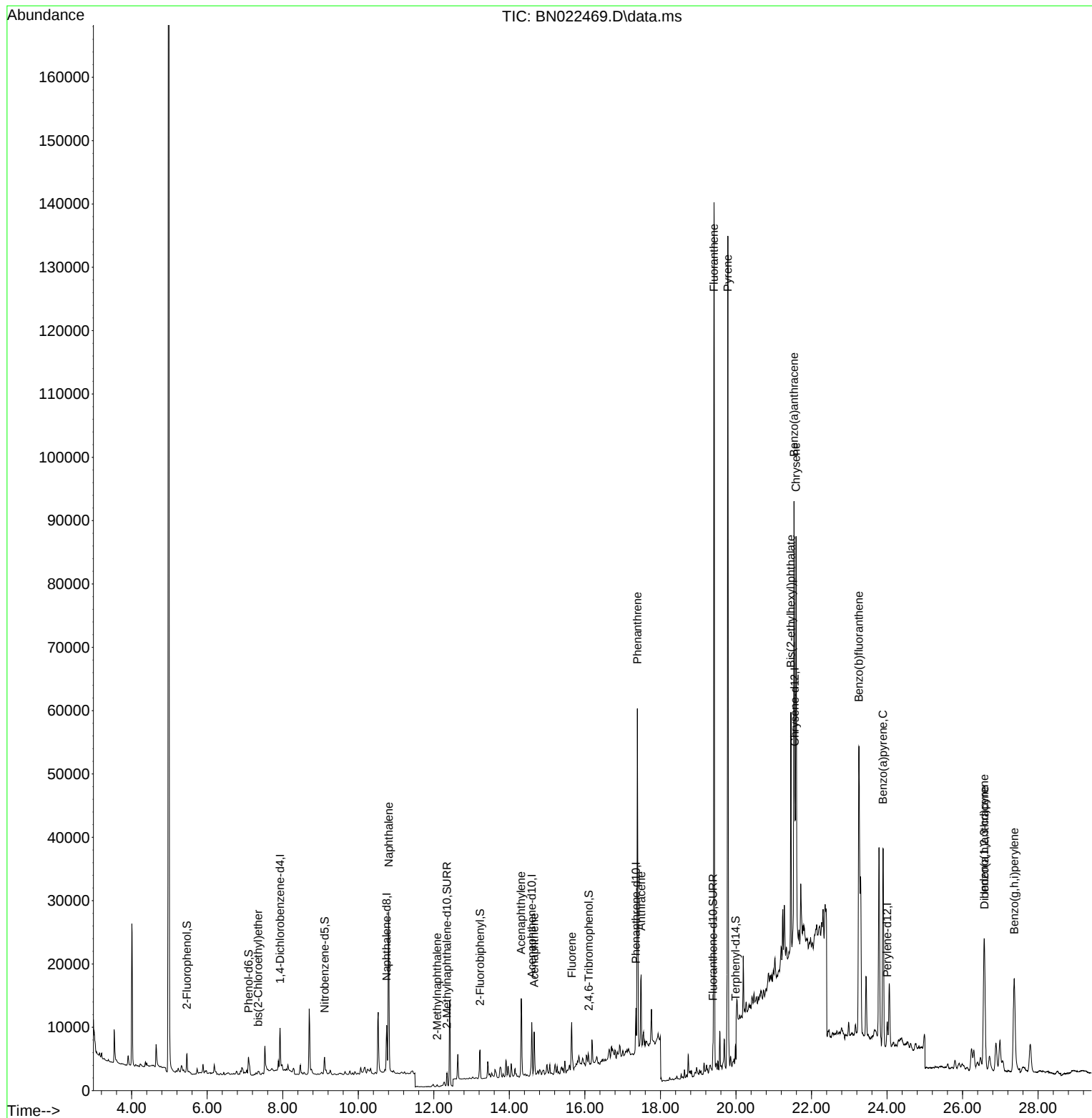
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	3379	0.400	ng	0.00
7) Naphthalene-d8	10.752	136	9470	0.400	ng	# 0.00
13) Acenaphthene-d10	14.593	164	4777	0.400	ng	0.00
19) Phenanthrene-d10	17.354	188	8888	0.400	ng	# 0.00
29) Chrysene-d12	21.555	240	7103	0.400	ng	# 0.00
35) Perylene-d12	24.005	264	6001	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.465	112	2592	0.288	ng	0.00
5) Phenol-d6	7.097	99	2938	0.260	ng	0.00
8) Nitrobenzene-d5	9.108	82	2360	0.288	ng	0.00
11) 2-Methylnaphthalene-d10	12.349	152	3005	0.202	ng	0.00
14) 2,4,6-Tribromophenol	16.100	330	603	0.294	ng	0.00
15) 2-Fluorobiphenyl	13.224	172	4337	0.212	ng	0.00
27) Fluoranthene-d10	19.390	212	4176	0.170	ng	0.00
31) Terphenyl-d14	19.989	244	3501	0.189	ng	0.00
Target Compounds						
6) bis(2-Chloroethyl)ether	7.350	93	426	0.039	ng	# 82
9) Naphthalene	10.805	128	31006	1.095	ng	99
12) 2-Methylnaphthalene	12.088	142	209	0.037	ng	# 1
16) Acenaphthylene	14.315	152	14536	0.628	ng	97
17) Acenaphthene	14.657	154	3388	0.215	ng	99
18) Fluorene	15.651	166	5566	0.253	ng	# 93
25) Phenanthrene	17.391	178	52779	1.732	ng	99
26) Anthracene	17.490	178	14179	0.552	ng	98
28) Fluoranthene	19.419	202	120523	3.648	ng	99
30) Pyrene	19.786	202	113356	3.468	ng	# 95
32) Benzo(a)anthracene	21.537	228	61770	2.209	ng	95
33) Chrysene	21.591	228	57618	1.971	ng	# 94
34) Bis(2-ethylhexyl)phtha...	21.456	149	30855	1.743	ng	96
36) Indeno(1,2,3-cd)pyrene	26.572	276	35263	1.190	ng	93
37) Benzo(b)fluoranthene	23.256	252	82758	3.013	ng	# 95
39) Benzo(a)pyrene	23.894	252	47100	2.107	ng	96
40) Dibenzo(a,h)anthracene	26.584	278	9050	0.391	ng	# 46
41) Benzo(g,h,i)perylene	27.370	276	34362	1.407	ng	97

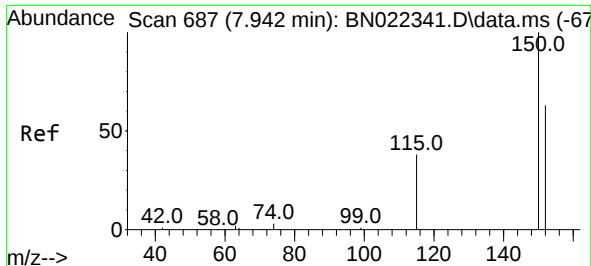
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110222\
Data File : BN022469.D
Acq On : 02 Nov 2022 18:17
Operator : CG/JU
Sample : N5395-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
S-2-103122

Quant Time: Nov 03 06:25:17 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

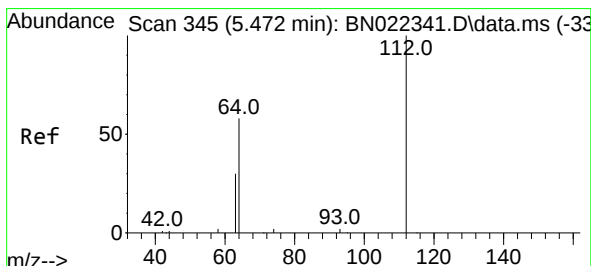
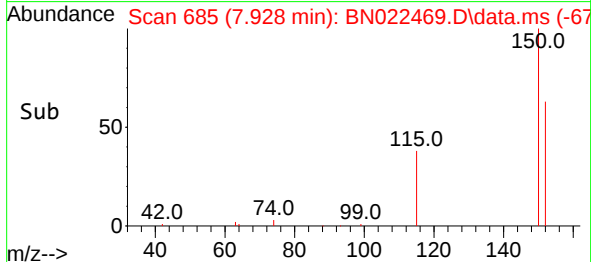
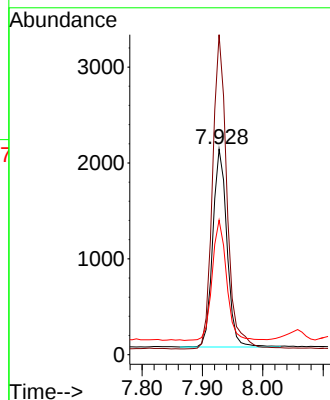
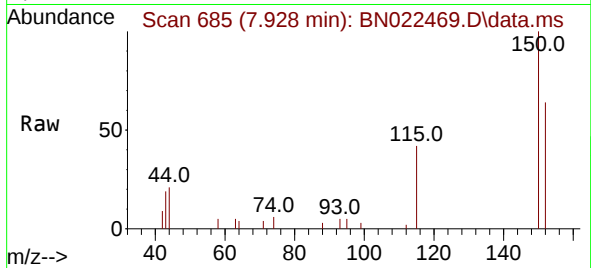




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.928 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN022469.D
 Acq: 02 Nov 2022 18:17

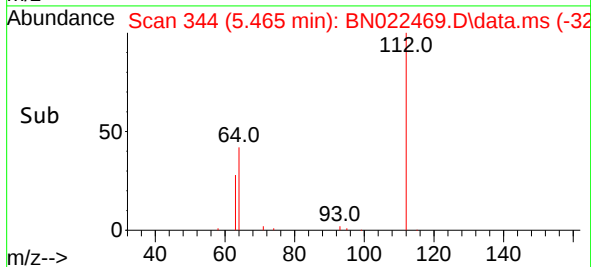
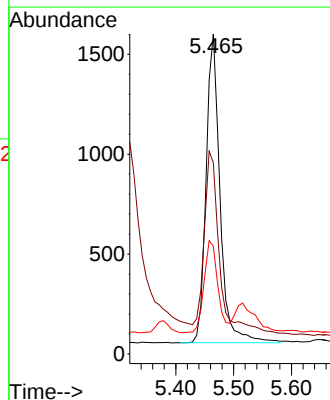
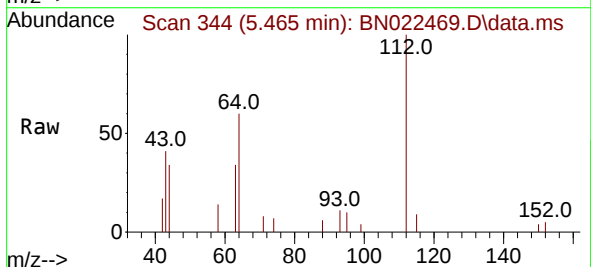
Instrument :
 BNA_N
 ClientSampleId :
 S-2-103122

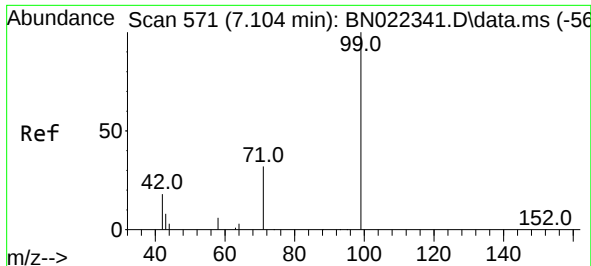
Tgt Ion:152 Resp: 3379
 Ion Ratio Lower Upper
 152 100
 150 155.7 125.2 187.8
 115 65.4 52.0 78.0



#4
 2-Fluorophenol
 Concen: 0.288 ng
 RT: 5.465 min Scan# 344
 Delta R.T. 0.007 min
 Lab File: BN022469.D
 Acq: 02 Nov 2022 18:17

Tgt Ion:112 Resp: 2592
 Ion Ratio Lower Upper
 112 100
 64 64.4 47.0 70.4
 63 29.7 24.5 36.7

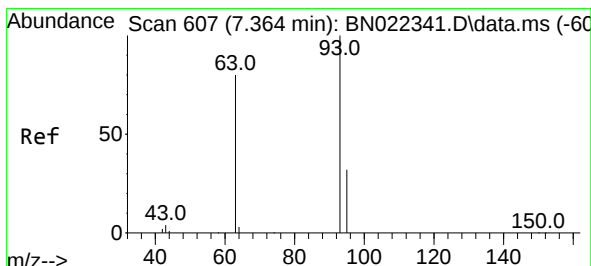
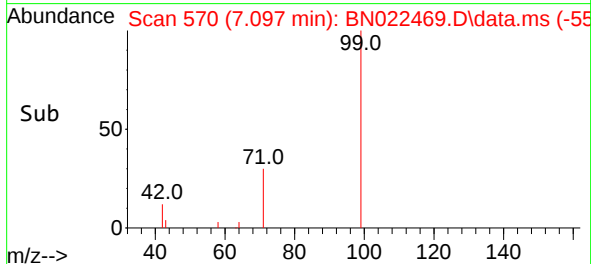
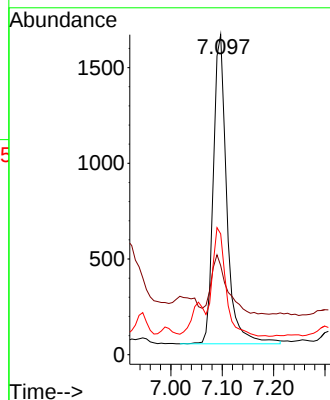
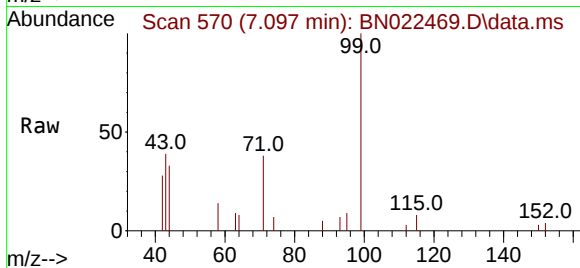




#5
Phenol-d6
Concen: 0.260 ng
RT: 7.097 min Scan# 51
Delta R.T. 0.007 min
Lab File: BN022469.D
Acq: 02 Nov 2022 18:17

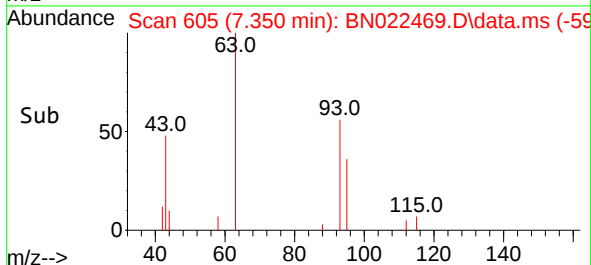
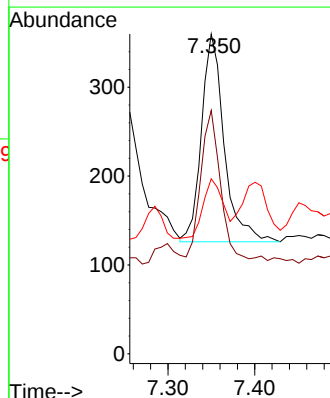
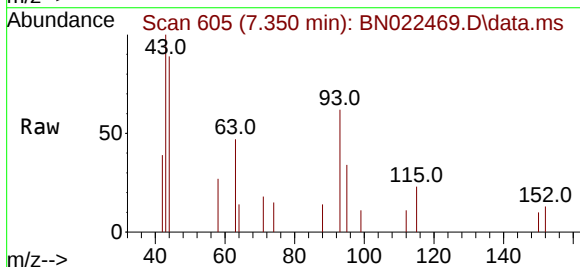
Instrument :
BNA_N
ClientSampleId :
S-2-103122

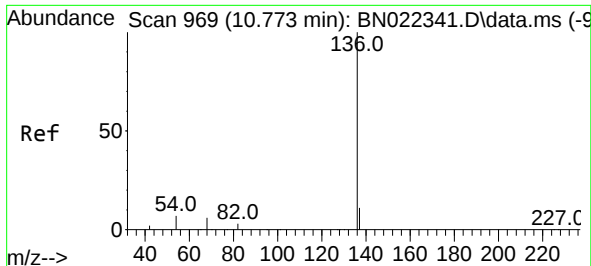
Tgt Ion: 99 Resp: 2938
Ion Ratio Lower Upper
99 100
42 22.5 16.3 24.5
71 35.4 26.1 39.1



#6
bis(2-Chloroethyl)ether
Concen: 0.039 ng
RT: 7.350 min Scan# 605
Delta R.T. -0.000 min
Lab File: BN022469.D
Acq: 02 Nov 2022 18:17

Tgt Ion: 93 Resp: 426
Ion Ratio Lower Upper
93 100
63 61.3 62.6 93.8#
95 25.1 26.1 39.1#

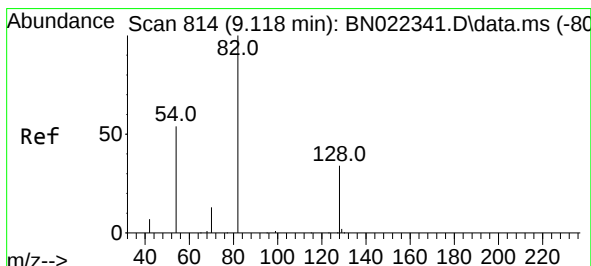
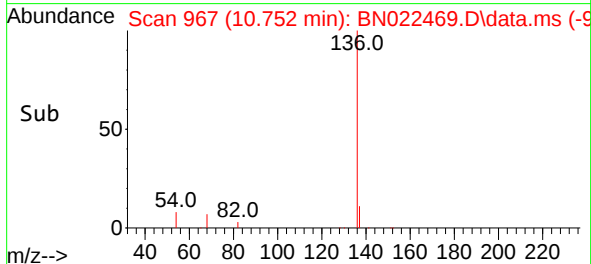
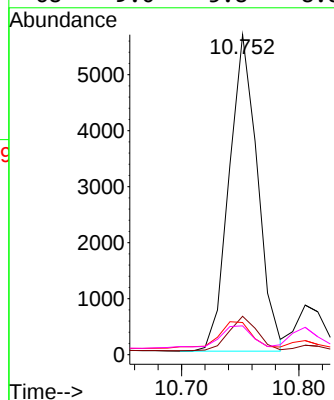
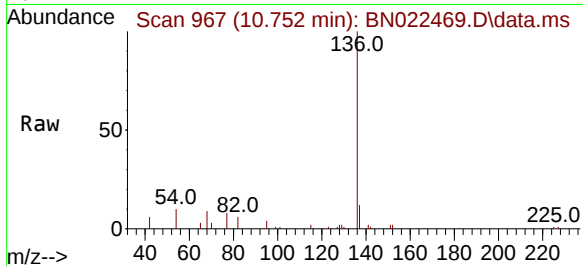




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.752 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN022469.D
Acq: 02 Nov 2022 18:17

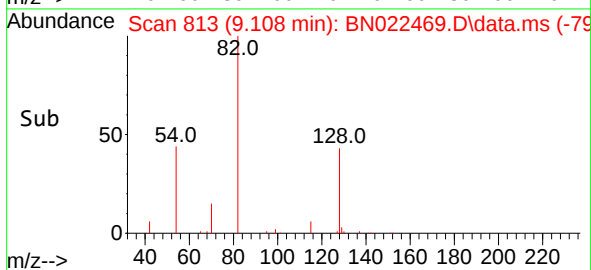
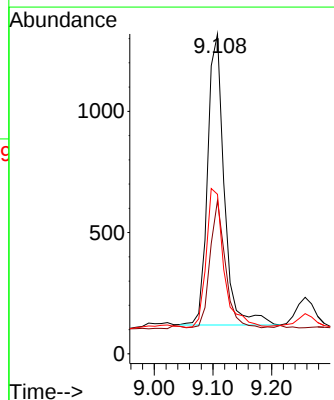
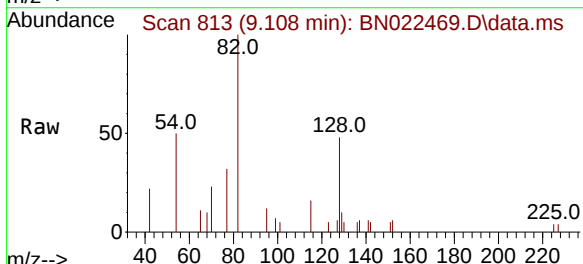
Instrument :
BNA_N
ClientSampleId :
S-2-103122

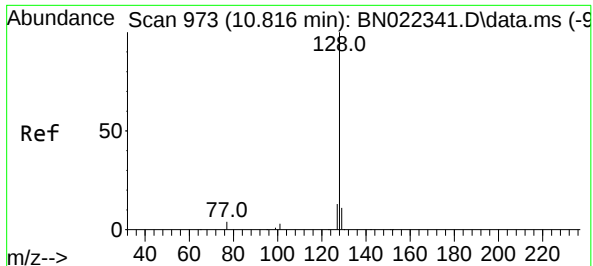
Tgt Ion:	136	Resp:	9470
Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.4	14.2
54	10.0	6.5	9.7#
68	9.0	5.8	8.8#



#8
Nitrobenzene-d5
Concen: 0.288 ng
RT: 9.108 min Scan# 813
Delta R.T. -0.000 min
Lab File: BN022469.D
Acq: 02 Nov 2022 18:17

Tgt Ion:	82	Resp:	2360
Ion	Ratio	Lower	Upper
82	100		
128	47.9	30.5	45.7#
54	49.9	45.2	67.8

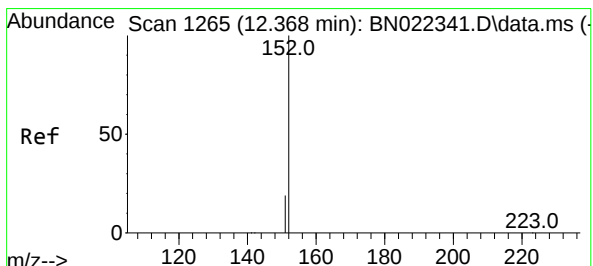
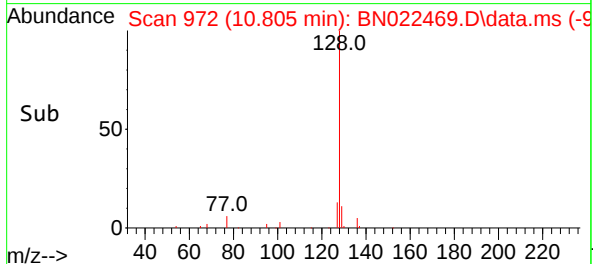
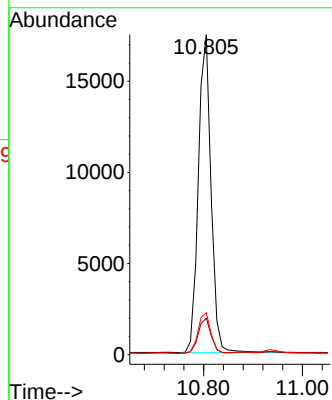
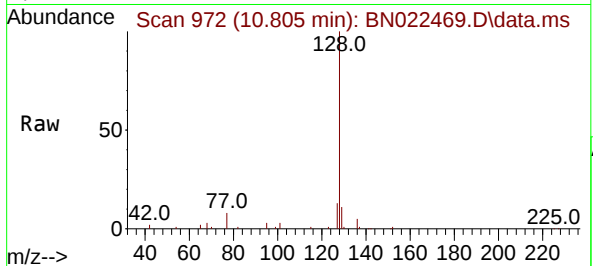




#9
Naphthalene
Concen: 1.095 ng
RT: 10.805 min Scan# 91
Delta R.T. 0.011 min
Lab File: BN022469.D
Acq: 02 Nov 2022 18:17

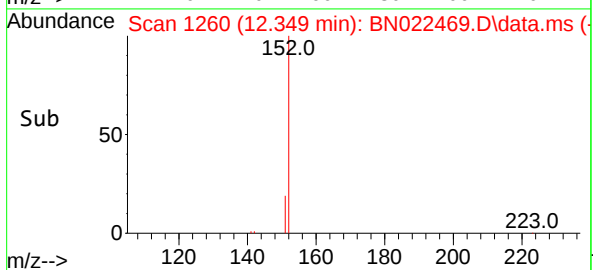
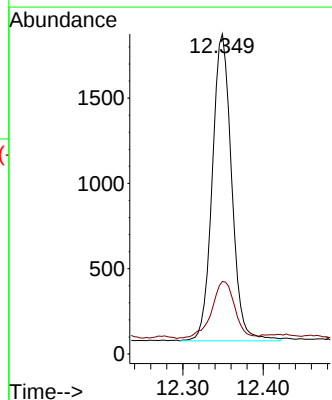
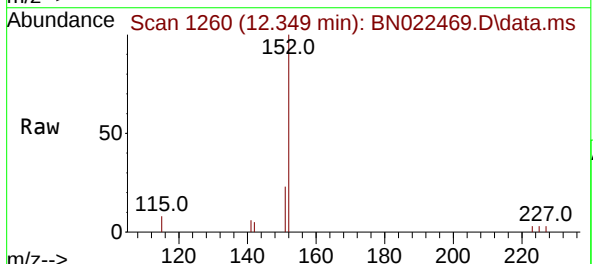
Instrument :
BNA_N
ClientSampleId :
S-2-103122

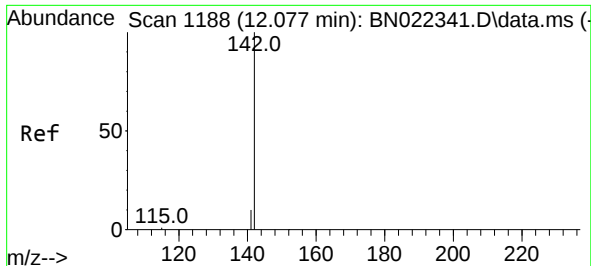
Tgt Ion:128 Resp: 31006
Ion Ratio Lower Upper
128 100
129 11.4 9.4 14.2
127 13.1 11.0 16.6



#11
2-Methylnaphthalene-d10
Concen: 0.202 ng
RT: 12.349 min Scan# 1260
Delta R.T. -0.000 min
Lab File: BN022469.D
Acq: 02 Nov 2022 18:17

Tgt Ion:152 Resp: 3005
Ion Ratio Lower Upper
152 100
151 21.7 16.7 25.1

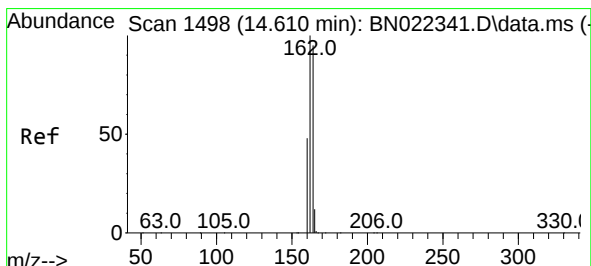
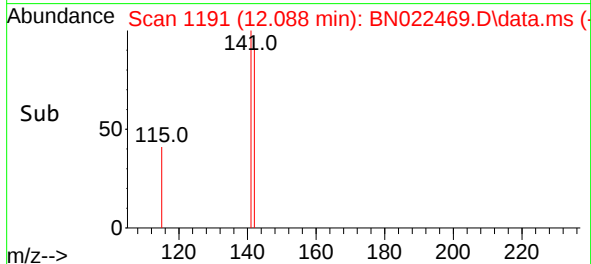
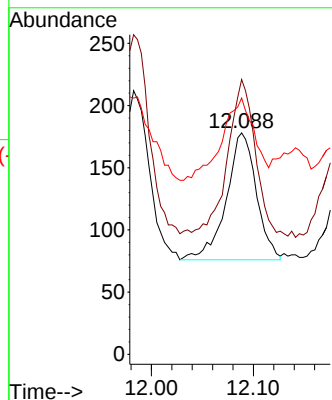
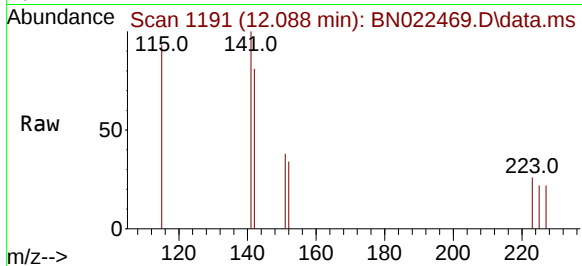




#12
2-Methylnaphthalene
Concen: 0.037 ng
RT: 12.088 min Scan# 1188
Delta R.T. 0.026 min
Lab File: BN022469.D
Acq: 02 Nov 2022 18:17

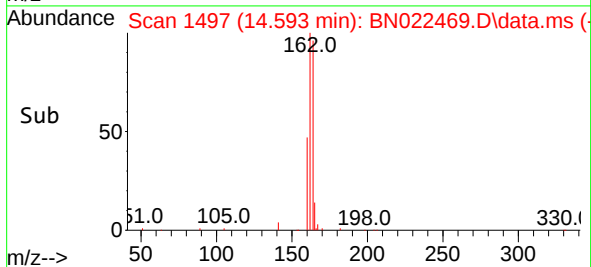
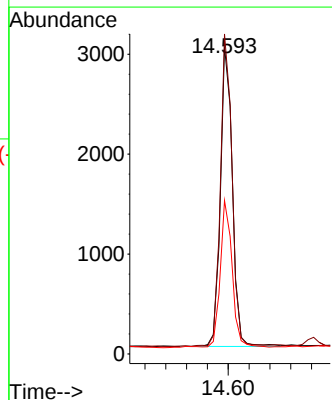
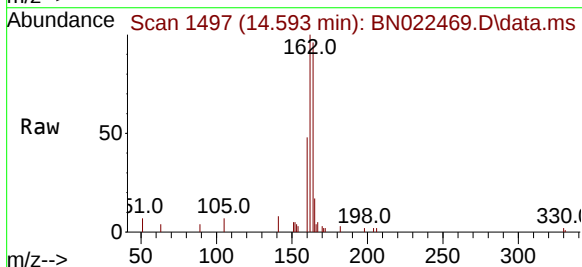
Instrument :
BNA_N
ClientSampleId :
S-2-103122

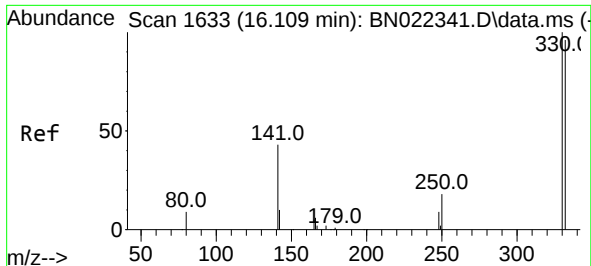
Tgt Ion:142 Resp: 209
Ion Ratio Lower Upper
142 100
141 124.2 13.0 19.4#
115 115.7 9.1 13.7#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.593 min Scan# 1497
Delta R.T. 0.004 min
Lab File: BN022469.D
Acq: 02 Nov 2022 18:17

Tgt Ion:164 Resp: 4777
Ion Ratio Lower Upper
164 100
162 104.1 83.9 125.9
160 49.9 41.0 61.4

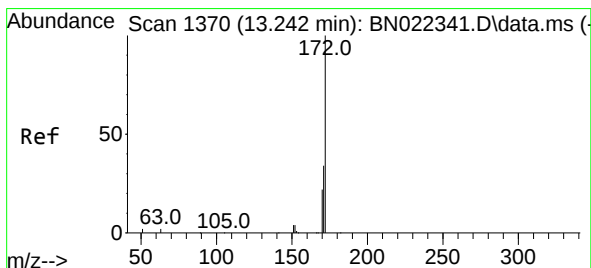
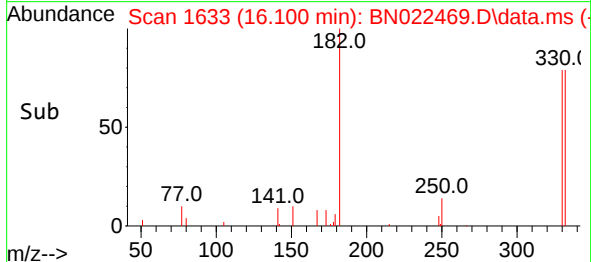
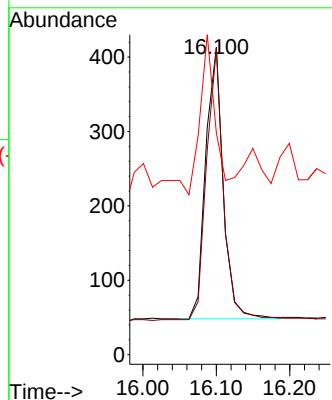
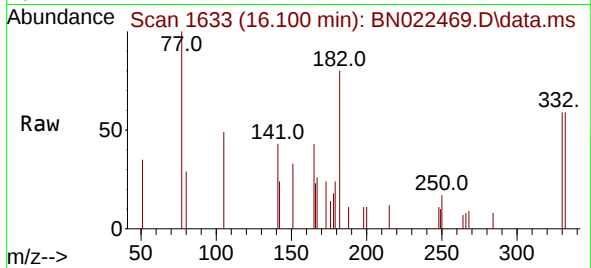




#14
2,4,6-Tribromophenol
Concen: 0.294 ng
RT: 16.100 min Scan# 1633
Delta R.T. 0.004 min
Lab File: BN022469.D
Acq: 02 Nov 2022 18:17

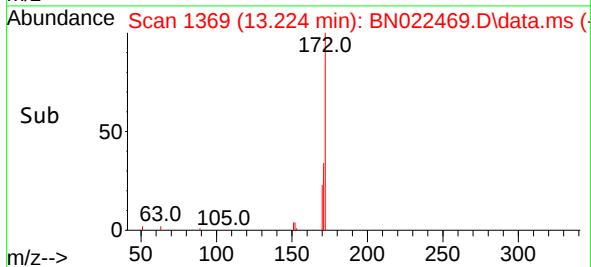
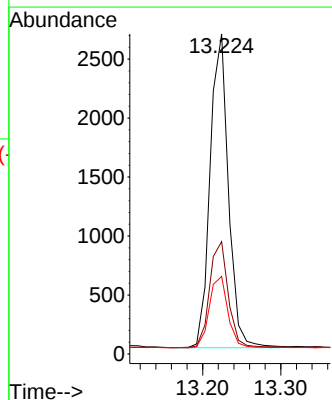
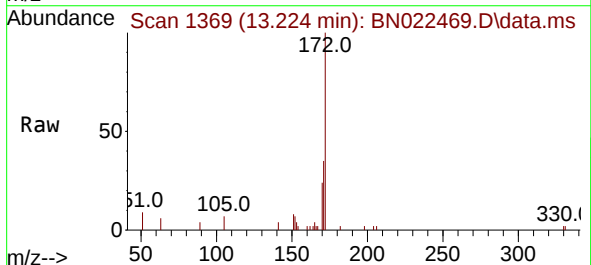
Instrument :
BNA_N
ClientSampleId :
S-2-103122

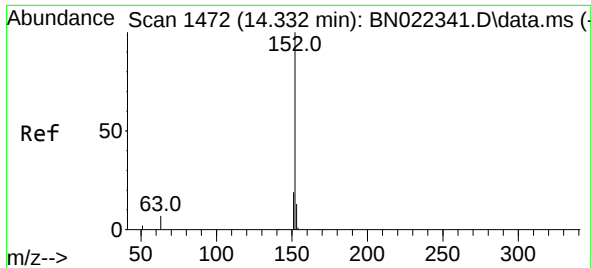
Tgt Ion:330 Resp: 603
Ion Ratio Lower Upper
330 100
332 96.4 78.6 118.0
141 38.5 40.2 60.4#



#15
2-Fluorobiphenyl
Concen: 0.212 ng
RT: 13.224 min Scan# 1369
Delta R.T. 0.004 min
Lab File: BN022469.D
Acq: 02 Nov 2022 18:17

Tgt Ion:172 Resp: 4337
Ion Ratio Lower Upper
172 100
171 35.1 27.4 41.0
170 24.3 18.5 27.7

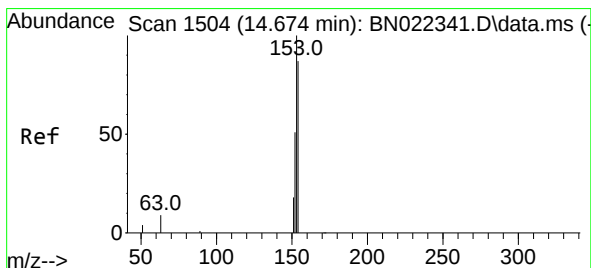
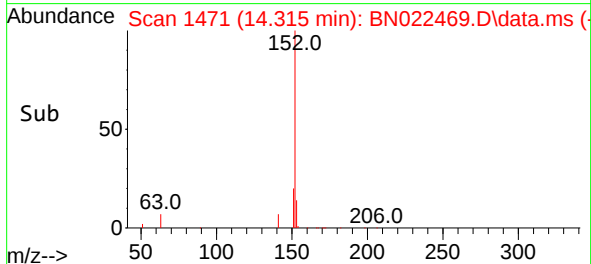
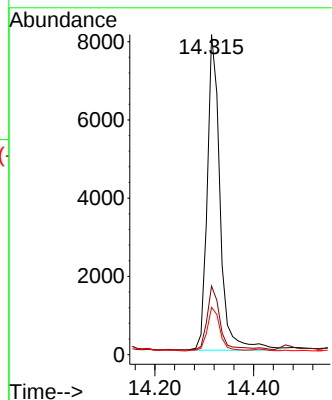
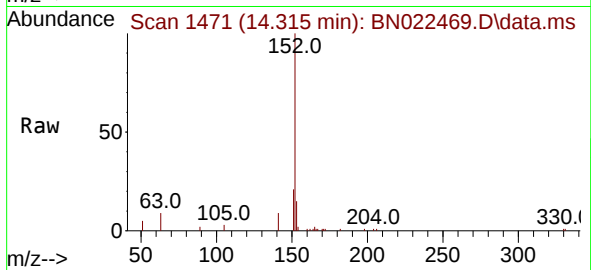




#16
Acenaphthylene
Concen: 0.628 ng
RT: 14.315 min Scan# 1471
Delta R.T. 0.004 min
Lab File: BN022469.D
Acq: 02 Nov 2022 18:17

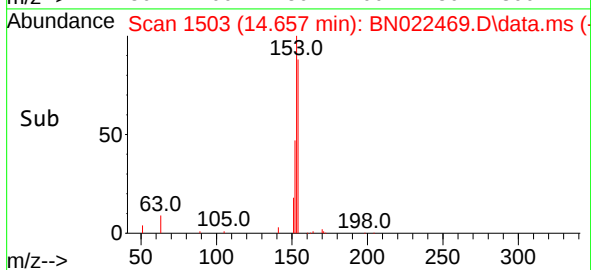
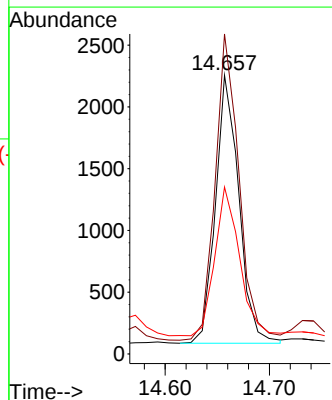
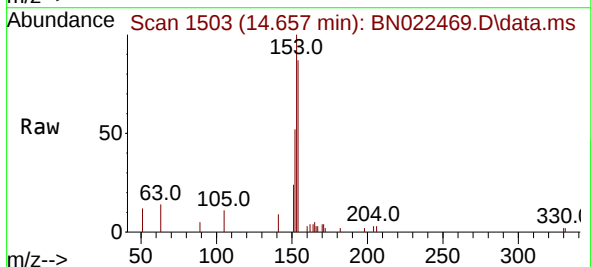
Instrument :
BNA_N
ClientSampleId :
S-2-103122

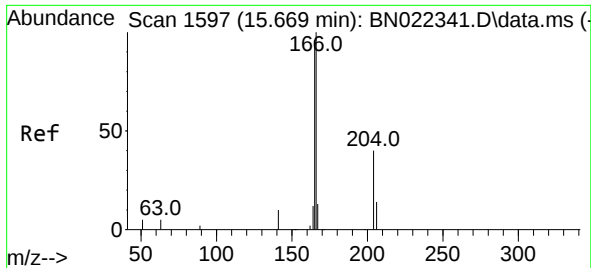
Tgt Ion:	152	Resp:	14536
Ion Ratio	Lower	Upper	
152	100		
151	20.6	15.2	22.8
153	13.7	10.3	15.5



#17
Acenaphthene
Concen: 0.215 ng
RT: 14.657 min Scan# 1503
Delta R.T. 0.004 min
Lab File: BN022469.D
Acq: 02 Nov 2022 18:17

Tgt Ion:	154	Resp:	3388
Ion Ratio	Lower	Upper	
154	100		
153	116.1	92.2	138.2
152	58.5	47.6	71.4

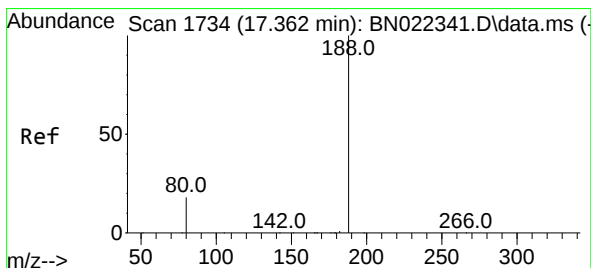
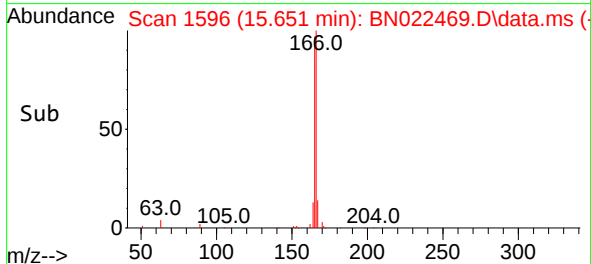
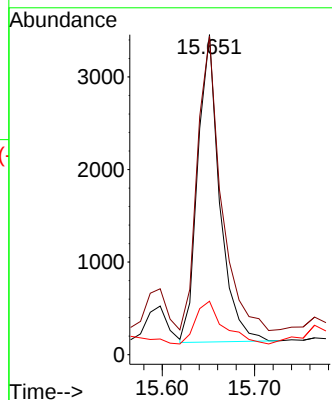
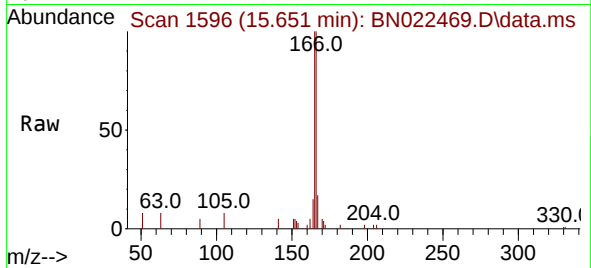




#18
Fluorene
Concen: 0.253 ng
RT: 15.651 min Scan# 1596
Delta R.T. 0.004 min
Lab File: BN022469.D
Acq: 02 Nov 2022 18:17

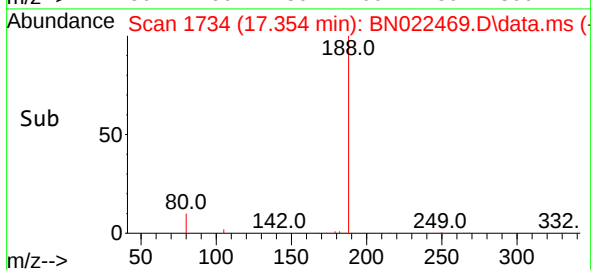
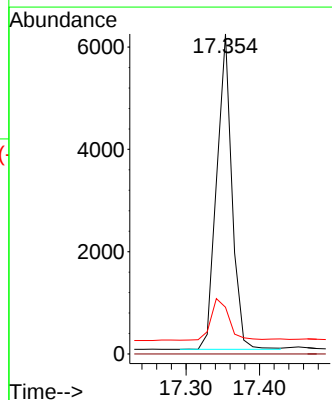
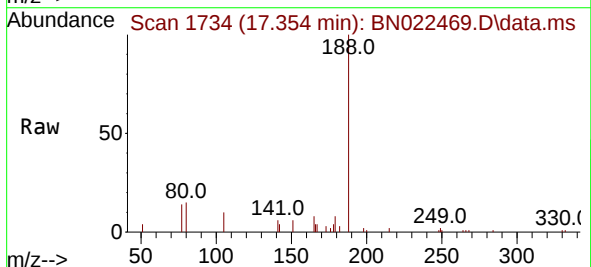
Instrument :
BNA_N
ClientSampleId :
S-2-103122

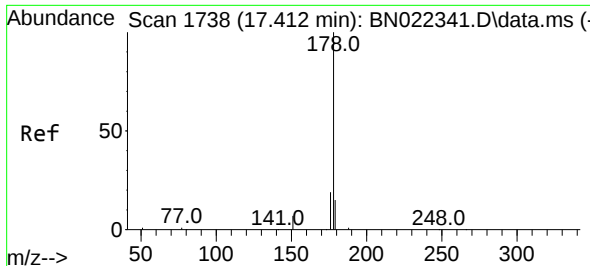
Tgt Ion:166 Resp: 5566
Ion Ratio Lower Upper
166 100
165 104.4 78.6 118.0
167 17.4 10.2 15.4#



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.354 min Scan# 1734
Delta R.T. 0.004 min
Lab File: BN022469.D
Acq: 02 Nov 2022 18:17

Tgt Ion:188 Resp: 8888
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.6 15.0 22.6#

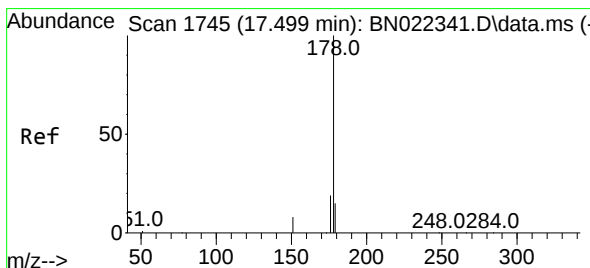
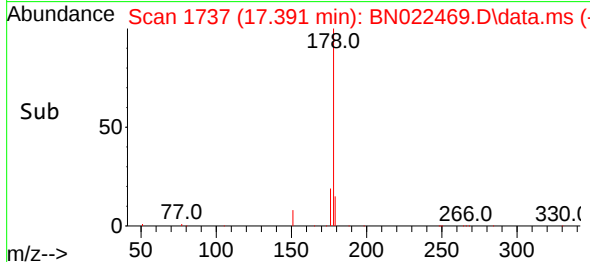
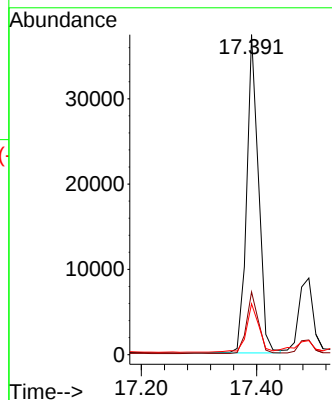
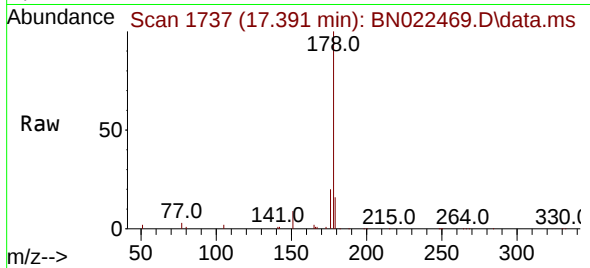




#25
Phenanthrene
Concen: 1.732 ng
RT: 17.391 min Scan# 1737
Delta R.T. 0.004 min
Lab File: BN022469.D
Acq: 02 Nov 2022 18:17

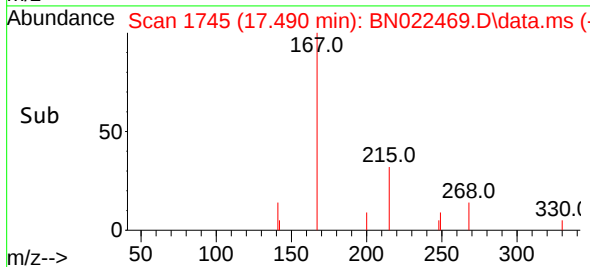
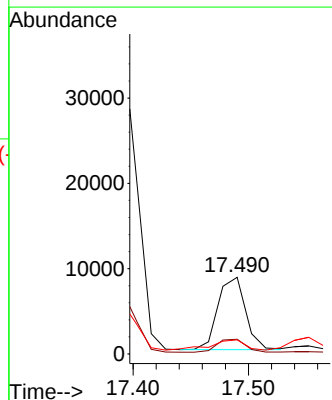
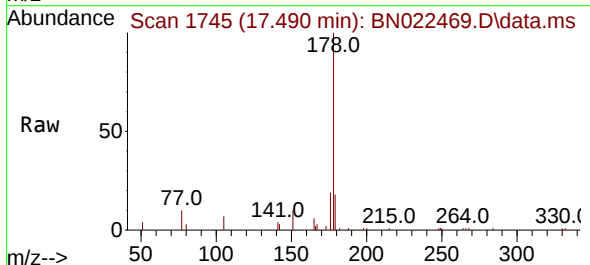
Instrument :
BNA_N
ClientSampleId :
S-2-103122

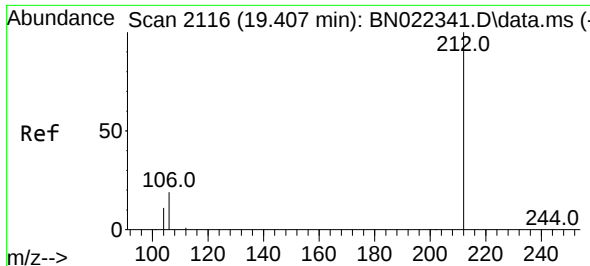
Tgt Ion:178 Resp: 52779
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 16.2 12.5 18.7



#26
Anthracene
Concen: 0.552 ng
RT: 17.490 min Scan# 1745
Delta R.T. 0.004 min
Lab File: BN022469.D
Acq: 02 Nov 2022 18:17

Tgt Ion:178 Resp: 14179
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.4
179 17.3 12.2 18.4

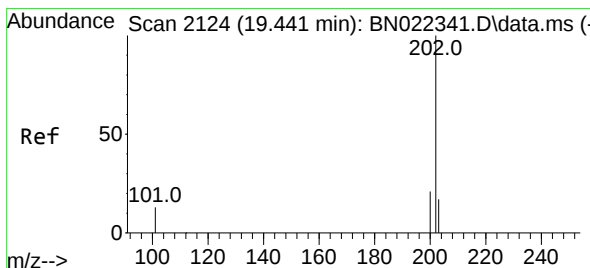
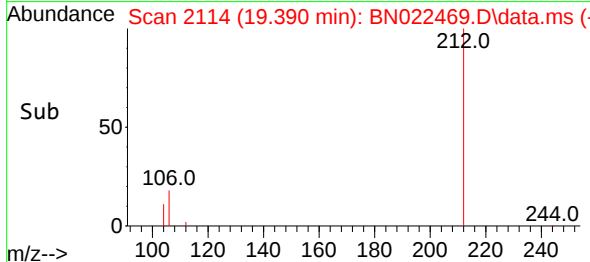
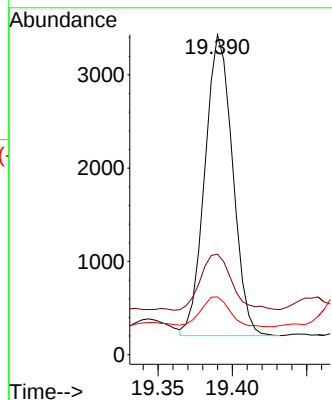
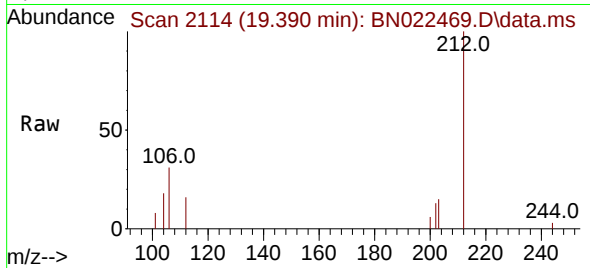




#27
Fluoranthene-d10
Concen: 0.170 ng
RT: 19.390 min Scan# 2116
Delta R.T. -0.000 min
Lab File: BN022469.D
Acq: 02 Nov 2022 18:17

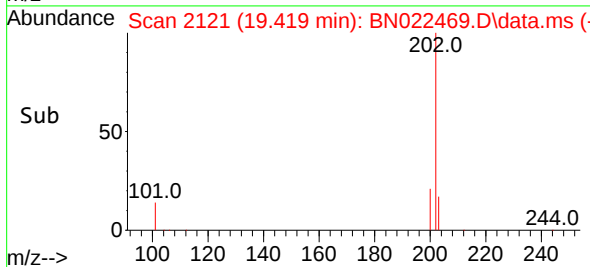
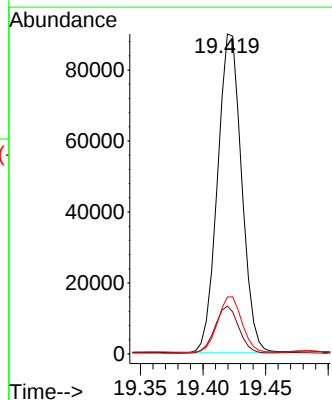
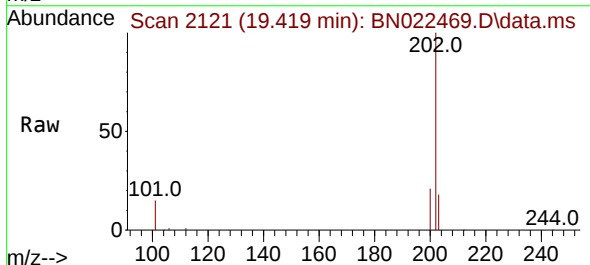
Instrument :
BNA_N
ClientSampleId :
S-2-103122

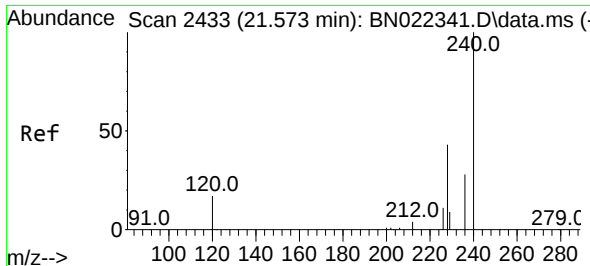
Tgt Ion:212 Resp: 4176
Ion Ratio Lower Upper
212 100
106 21.0 15.0 22.4
104 10.9 9.3 13.9



#28
Fluoranthene
Concen: 3.648 ng
RT: 19.419 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BN022469.D
Acq: 02 Nov 2022 18:17

Tgt Ion:202 Resp: 120523
Ion Ratio Lower Upper
202 100
101 14.5 11.4 17.0
203 17.4 13.7 20.5

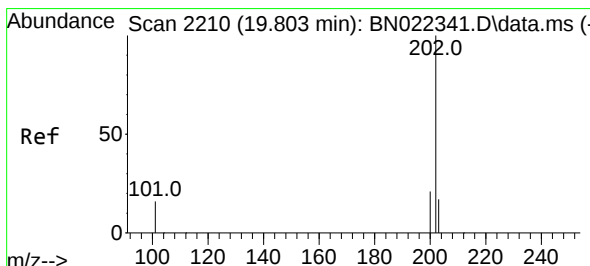
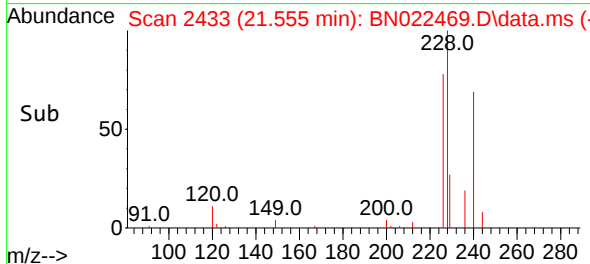
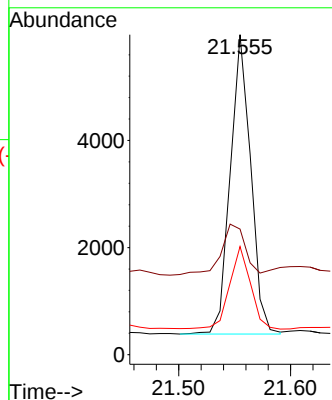
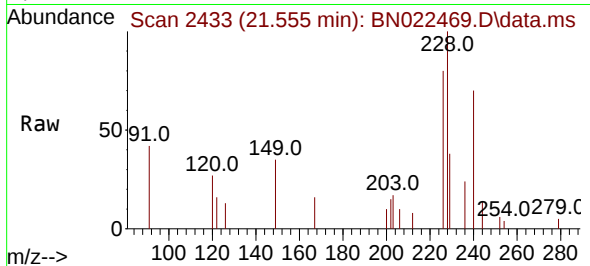




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.555 min Scan# 2433
Delta R.T. -0.000 min
Lab File: BN022469.D
Acq: 02 Nov 2022 18:17

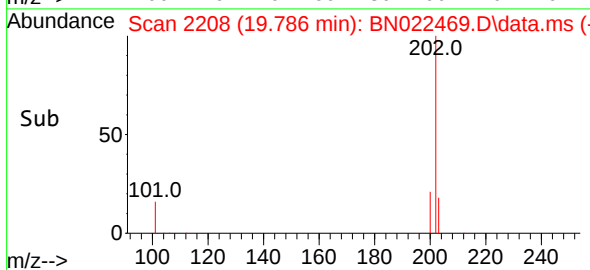
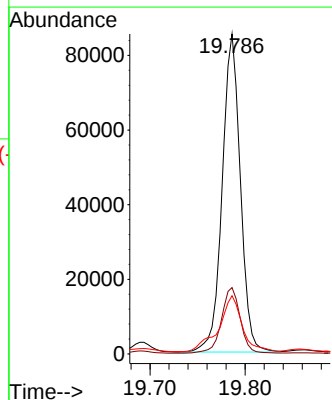
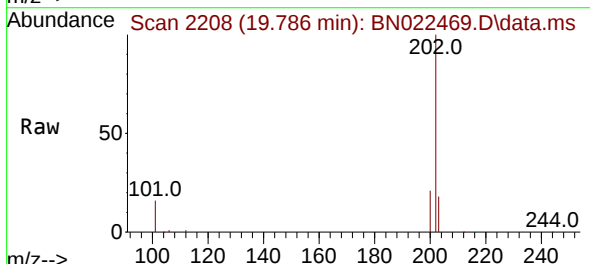
Instrument :
BNA_N
ClientSampleId :
S-2-103122

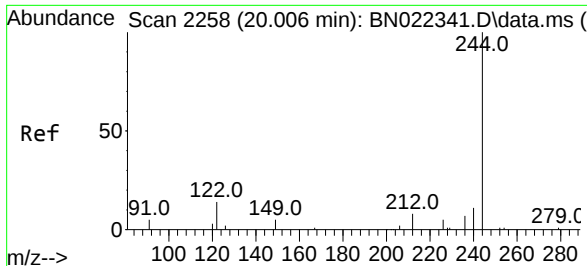
Tgt Ion:240 Resp: 7103
Ion Ratio Lower Upper
240 100
120 39.3 15.8 23.6#
236 33.8 23.2 34.8



#30
Pyrene
Concen: 3.468 ng
RT: 19.786 min Scan# 2208
Delta R.T. -0.000 min
Lab File: BN022469.D
Acq: 02 Nov 2022 18:17

Tgt Ion:202 Resp: 113356
Ion Ratio Lower Upper
202 100
200 21.1 16.8 25.2
203 22.4 14.2 21.2#

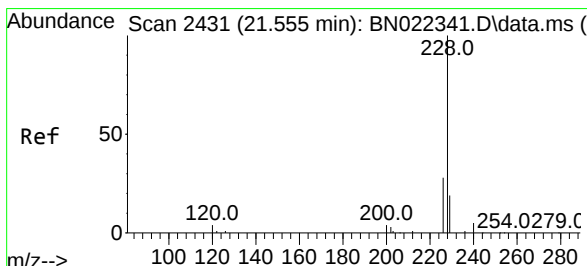
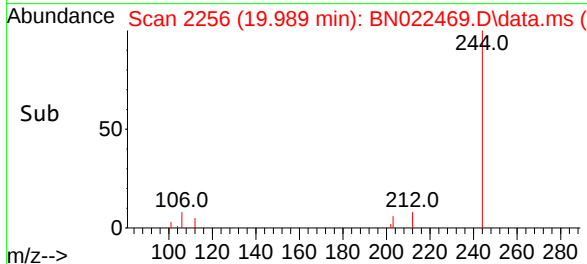
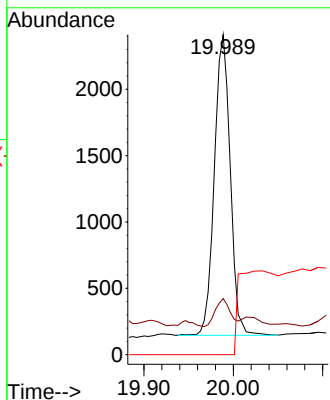
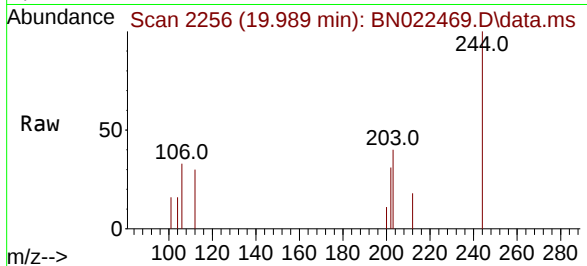




#31
 Terphenyl-d14
 Concen: 0.189 ng
 RT: 19.989 min Scan# 21
 Delta R.T. 0.004 min
 Lab File: BN022469.D
 Acq: 02 Nov 2022 18:17

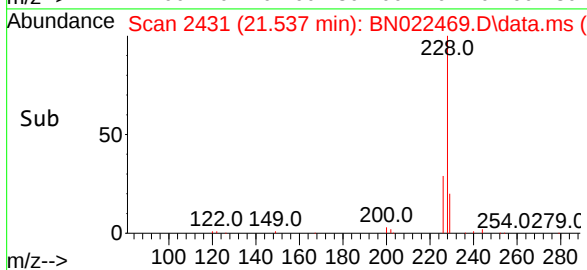
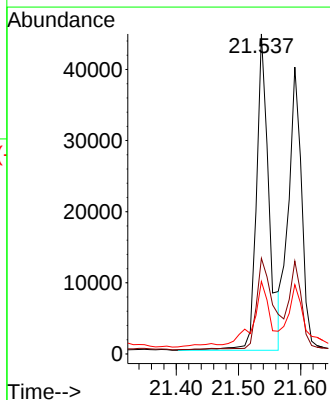
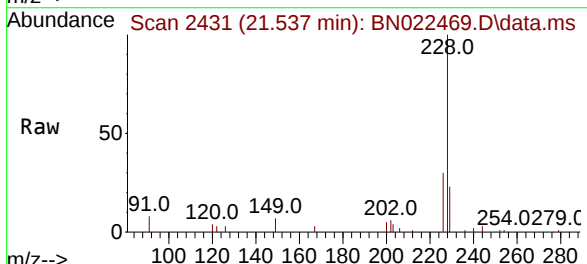
Instrument :
 BNA_N
 ClientSampleId :
 S-2-103122

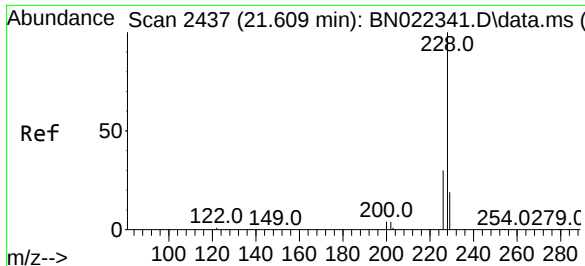
Tgt Ion:244 Resp: 3501
 Ion Ratio Lower Upper
 244 100
 212 17.6 7.0 10.4#
 122 0.0 11.5 17.3#



#32
 Benzo(a)anthracene
 Concen: 2.209 ng
 RT: 21.537 min Scan# 2431
 Delta R.T. -0.000 min
 Lab File: BN022469.D
 Acq: 02 Nov 2022 18:17

Tgt Ion:228 Resp: 61770
 Ion Ratio Lower Upper
 228 100
 226 29.9 22.6 34.0
 229 22.6 15.5 23.3





#33

Chrysene

Concen: 1.971 ng

RT: 21.591 min Scan# 2437

Delta R.T. -0.000 min

Lab File: BN022469.D

Acq: 02 Nov 2022 18:17

Instrument :

BNA_N

ClientSampleId :

S-2-103122

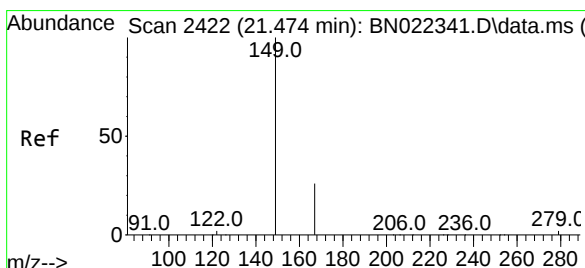
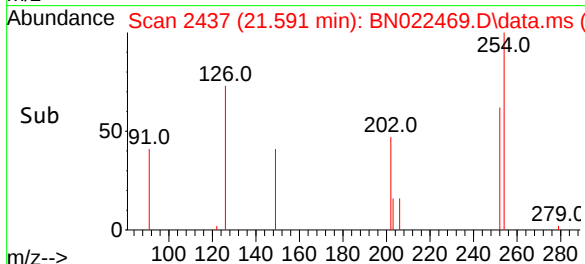
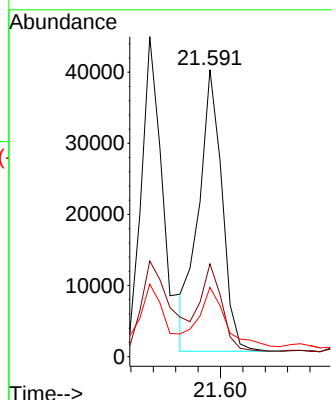
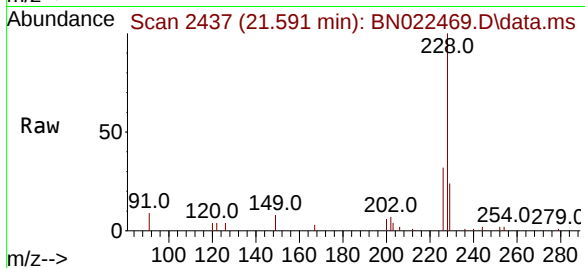
Tgt Ion:228 Resp: 57618

Ion Ratio Lower Upper

228 100

226 32.3 24.5 36.7

229 24.1 15.6 23.4#



#34

Bis(2-ethylhexyl)phthalate

Concen: 1.743 ng

RT: 21.456 min Scan# 2422

Delta R.T. 0.009 min

Lab File: BN022469.D

Acq: 02 Nov 2022 18:17

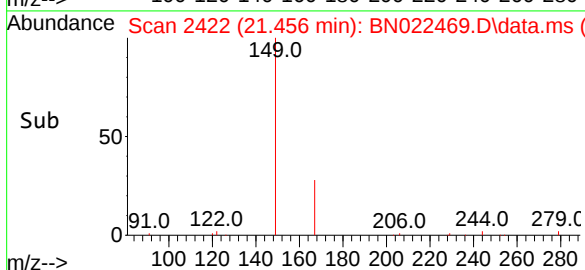
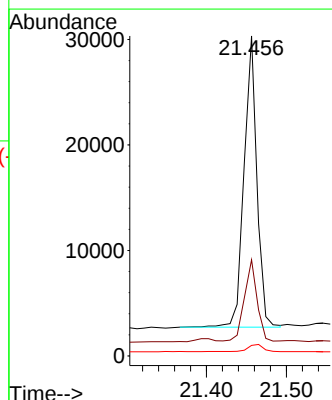
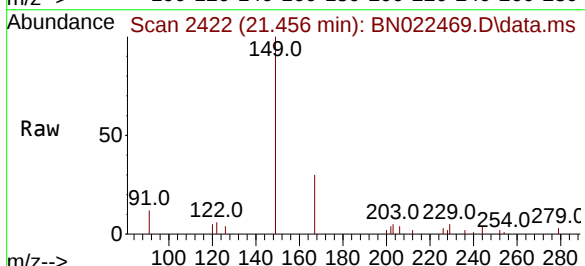
Tgt Ion:149 Resp: 30855

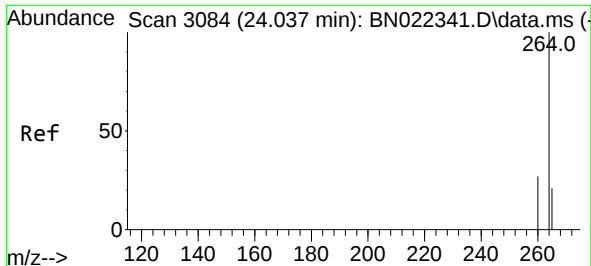
Ion Ratio Lower Upper

149 100

167 27.4 20.2 30.4

279 3.1 2.3 3.5

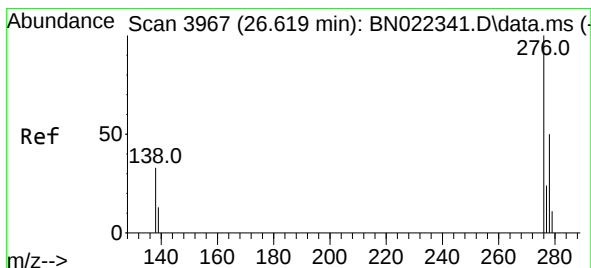
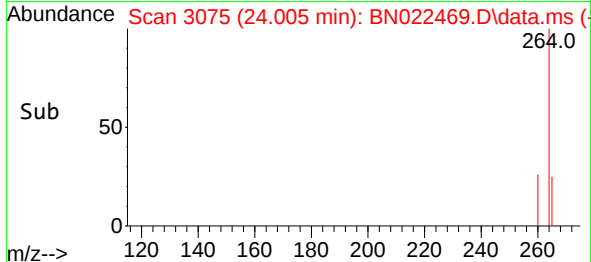
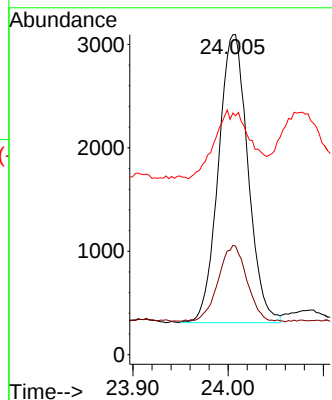
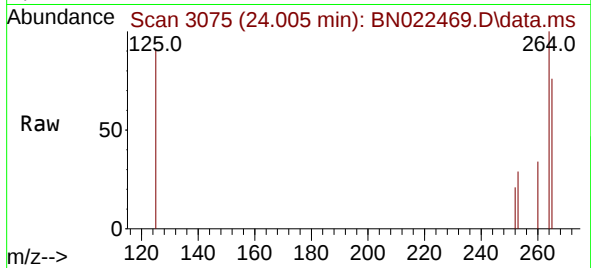




#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.005 min Scan# 3084
 Delta R.T. 0.003 min
 Lab File: BN022469.D
 Acq: 02 Nov 2022 18:17

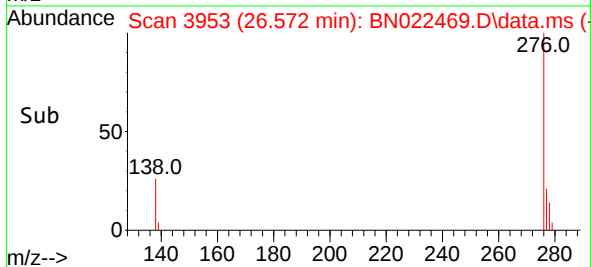
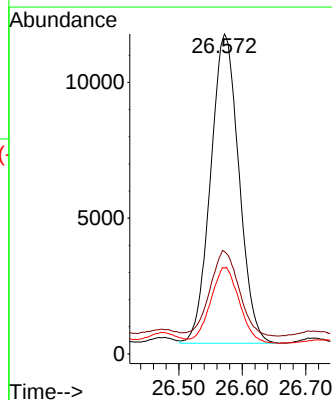
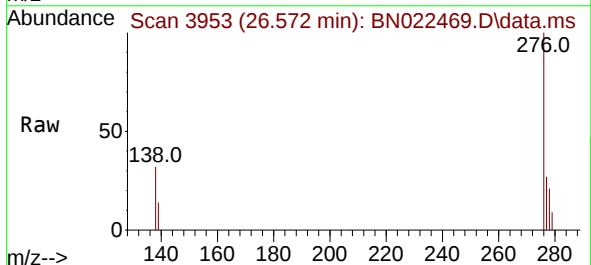
Instrument :
 BNA_N
 ClientSampleId :
 S-2-103122

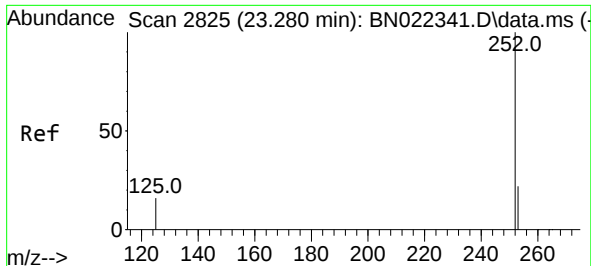
Tgt Ion:264 Resp: 6001
 Ion Ratio Lower Upper
 264 100
 260 34.2 22.1 33.1#
 265 75.5 53.0 79.4



#36
 Indeno(1,2,3-cd)pyrene
 Concen: 1.190 ng
 RT: 26.572 min Scan# 3953
 Delta R.T. 0.005 min
 Lab File: BN022469.D
 Acq: 02 Nov 2022 18:17

Tgt Ion:276 Resp: 35263
 Ion Ratio Lower Upper
 276 100
 138 28.3 28.2 42.2
 277 25.2 19.7 29.5





#37

Benzo(b)fluoranthene

Concen: 3.013 ng

RT: 23.256 min Scan# 2819

Delta R.T. 0.008 min

Lab File: BN022469.D

Acq: 02 Nov 2022 18:17

Instrument :

BNA_N

ClientSampleId :

S-2-103122

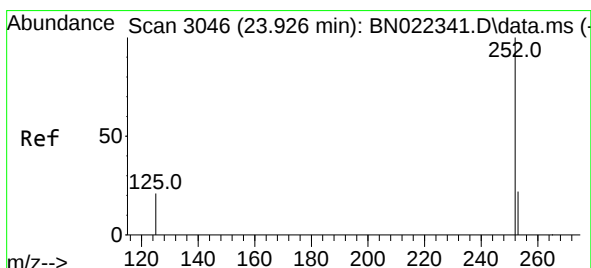
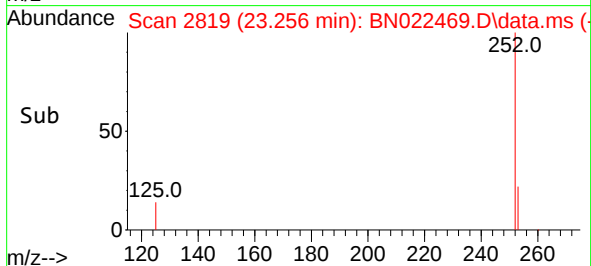
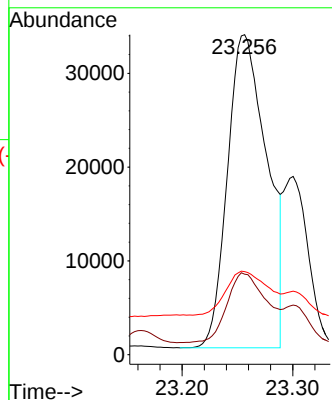
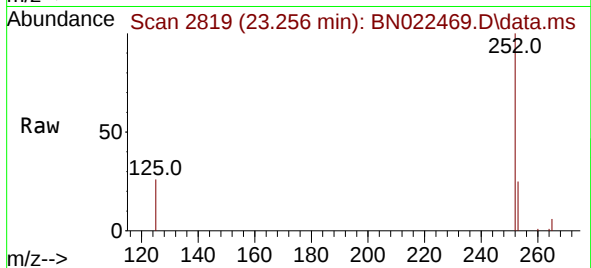
Tgt Ion:252 Resp: 82758

Ion Ratio Lower Upper

252 100

253 25.1 20.4 30.6

125 26.0 16.6 25.0#



#39

Benzo(a)pyrene

Concen: 2.107 ng

RT: 23.894 min Scan# 3037

Delta R.T. 0.003 min

Lab File: BN022469.D

Acq: 02 Nov 2022 18:17

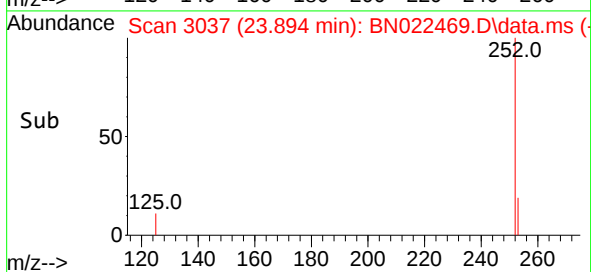
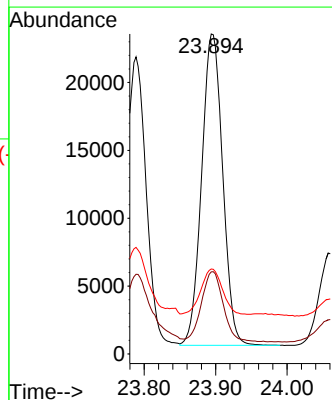
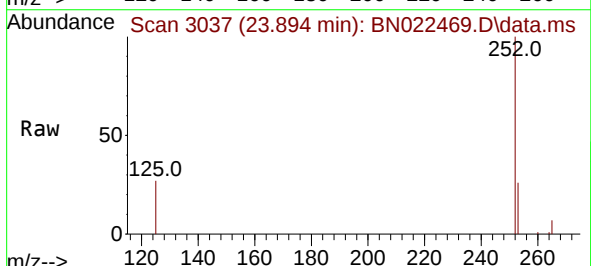
Tgt Ion:252 Resp: 47100

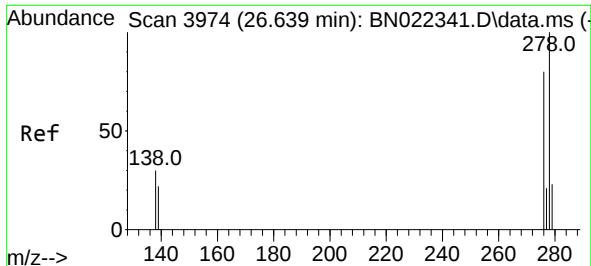
Ion Ratio Lower Upper

252 100

253 25.6 21.9 32.9

125 26.6 22.9 34.3

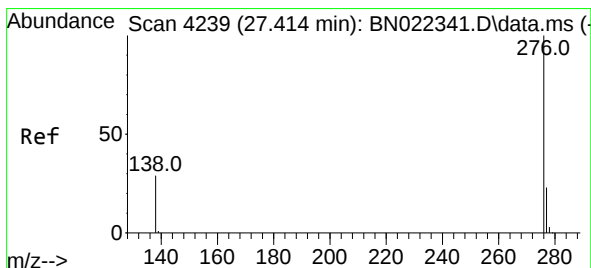
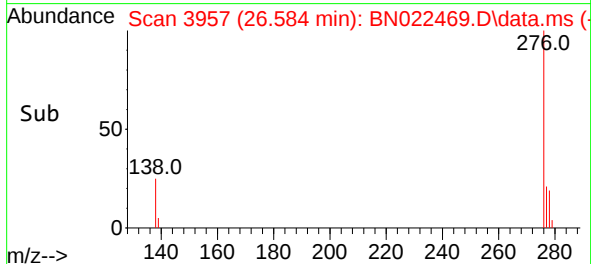
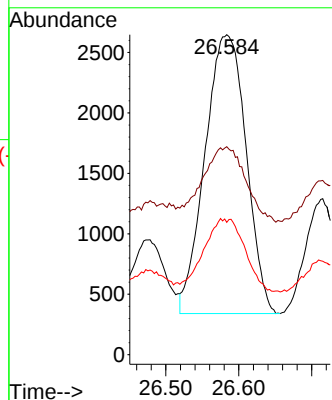
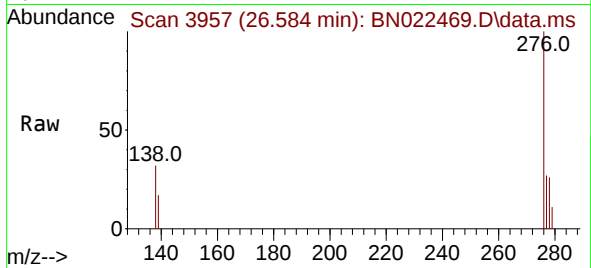




#40
Dibenzo(a,h)anthracene
Concen: 0.391 ng
RT: 26.584 min Scan# 3974
Delta R.T. -0.003 min
Lab File: BN022469.D
Acq: 02 Nov 2022 18:17

Instrument :
BNA_N
ClientSampleId :
S-2-103122

Tgt Ion:278 Resp: 9050
Ion Ratio Lower Upper
278 100
139 65.0 20.2 30.2#
279 41.4 21.0 31.4#



#41
Benzo(g,h,i)perylene
Concen: 1.407 ng
RT: 27.370 min Scan# 4226
Delta R.T. 0.011 min
Lab File: BN022469.D
Acq: 02 Nov 2022 18:17

Tgt Ion:276 Resp: 34362
Ion Ratio Lower Upper
276 100
277 26.4 19.5 29.3
138 31.9 25.0 37.4

