

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051024\
 Data File : BN031465.D
 Acq On : 10 May 2024 16:14
 Operator : MA/JU
 Sample : P2315-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

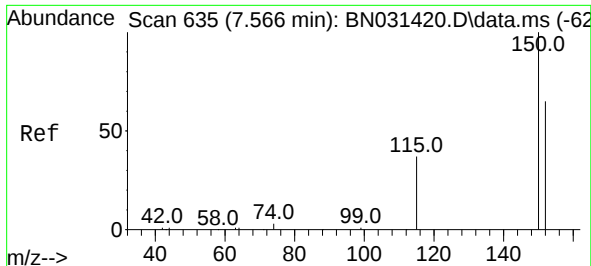
Instrument :
 BNA_N
 ClientSampleId :
 TEST-1-T20

Quant Time: May 10 16:43:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 02:12:24 2024
 Response via : Initial Calibration

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

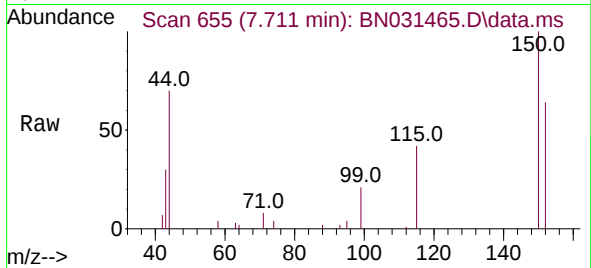
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.711	152	12286	0.400	ng	0.00
7) Naphthalene-d8	10.496	136	40001	0.400	ng	# 0.00
13) Acenaphthene-d10	14.349	164	23943	0.400	ng	0.00
19) Phenanthrene-d10	17.091	188	54696	0.400	ng	# 0.00
29) Chrysene-d12	21.274	240	50081	0.400	ng	# 0.00
35) Perylene-d12	23.513	264	49974	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.299	112	4277	0.123	ng	0.00
5) Phenol-d6	6.873	99	3747	0.080	ng	0.00
8) Nitrobenzene-d5	8.862	82	8276	0.288	ng	0.00
11) 2-Methylnaphthalene-d10	12.088	152	17924	0.278	ng	0.00
14) 2,4,6-Tribromophenol	15.837	330	2441	0.269	ng	0.00
15) 2-Fluorobiphenyl	12.970	172	26726	0.290	ng	-0.01
27) Fluoranthene-d10	19.119	212	51030	0.336	ng	0.00
31) Terphenyl-d14	19.727	244	42436	0.346	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.240	88	10271	0.680	ng	# 92
3) n-Nitrosodimethylamine	3.522	42	657	0.044	ng	# 1
32) Benzo(a)anthracene	21.256	228	3957	0.020	ng	# 86
33) Chrysene	21.309	228	4559	0.025	ng	# 89
34) Bis(2-ethylhexyl)phtha...	21.211	149	58140	0.514	ng	99
36) Indeno(1,2,3-cd)pyrene	25.785	276	4337	0.022	ng	97
37) Benzo(b)fluoranthene	22.841	252	5610	0.031	ng	# 1
38) Benzo(k)fluoranthene	22.887	252	5381	0.032	ng	# 1
41) Benzo(g,h,i)perylene	26.475	276	3399	0.020	ng	# 59

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

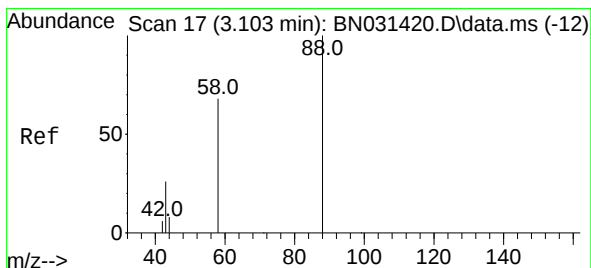
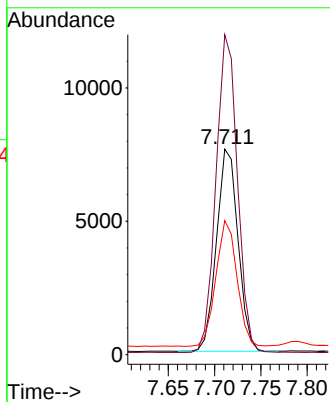
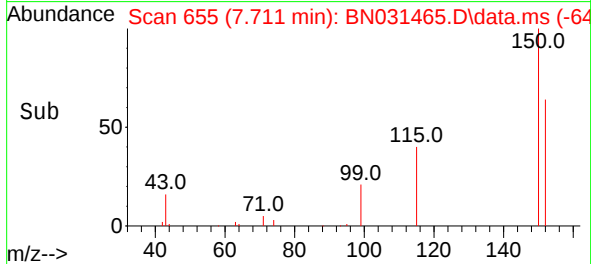


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.711 min Scan# 64
 Delta R.T. -0.007 min
 Lab File: BN031465.D
 Acq: 10 May 2024 16:14

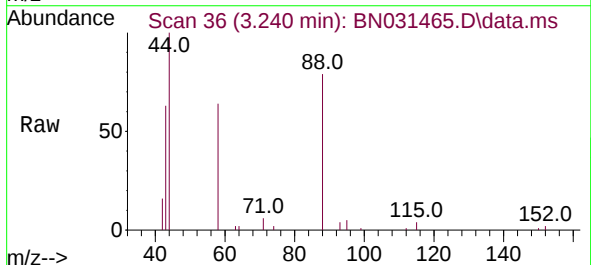
Instrument :
 BNA_N
 ClientSampleId :
 TEST-1-T20



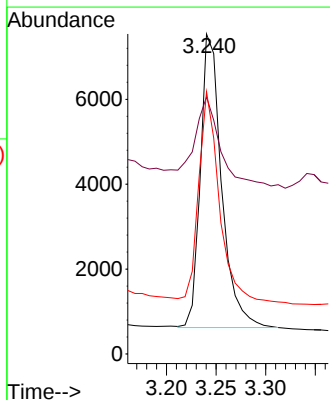
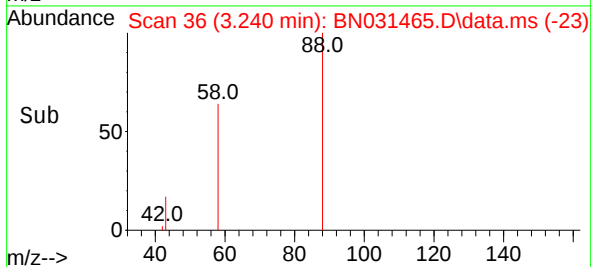
Tgt Ion:152 Resp: 12286
 Ion Ratio Lower Upper
 152 100
 150 155.6 119.3 178.9
 115 65.2 54.8 82.2

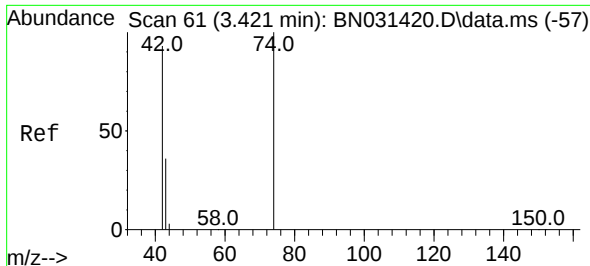


#2
 1,4-Dioxane
 Concen: 0.680 ng
 RT: 3.240 min Scan# 36
 Delta R.T. -0.008 min
 Lab File: BN031465.D
 Acq: 10 May 2024 16:14



Tgt Ion: 88 Resp: 10271
 Ion Ratio Lower Upper
 88 100
 43 35.8 39.0 58.6#
 58 69.2 54.9 82.3





#3

n-Nitrosodimethylamine

Concen: 0.044 ng

RT: 3.522 min Scan# 74

Delta R.T. -0.036 min

Lab File: BN031465.D

Acq: 10 May 2024 16:14

Instrument :

BNA_N

ClientSampleId :

TEST-1-T20

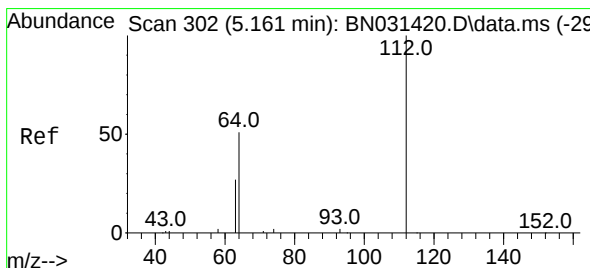
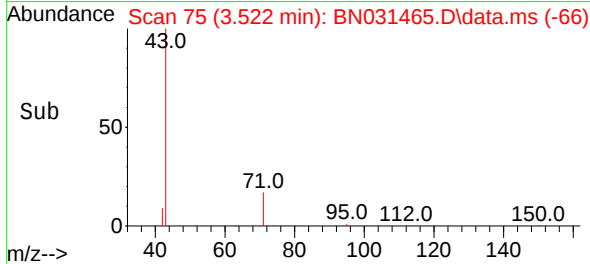
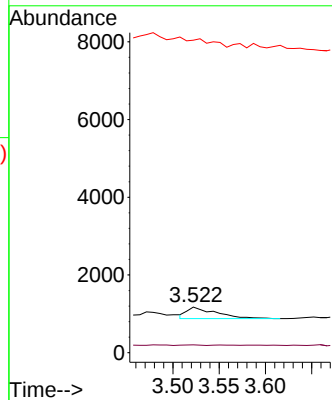
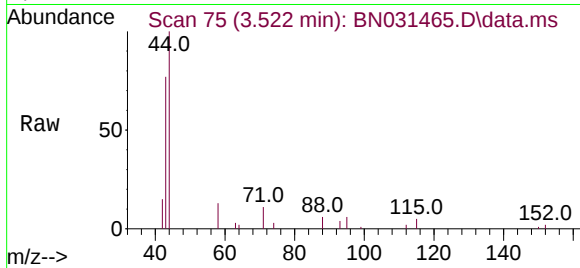
Tgt Ion: 42 Resp: 657

Ion Ratio Lower Upper

42 100

74 2.9 126.4 189.6#

44 0.0 6.9 10.3#



#4

2-Fluorophenol

Concen: 0.123 ng

RT: 5.299 min Scan# 321

Delta R.T. -0.000 min

Lab File: BN031465.D

Acq: 10 May 2024 16:14

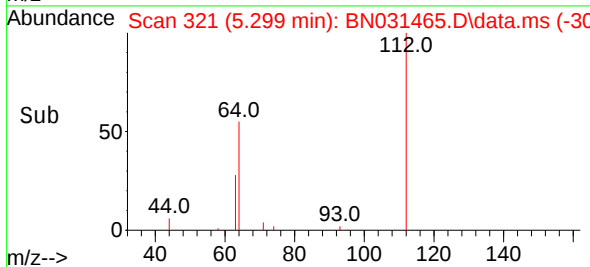
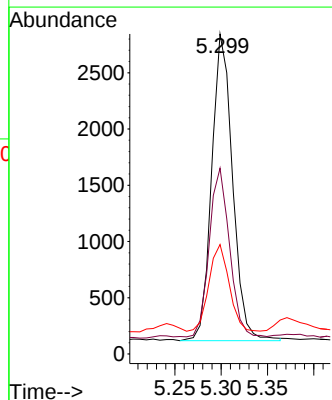
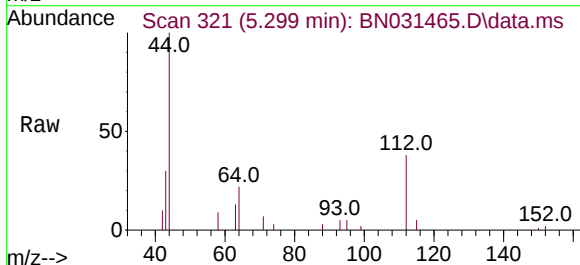
Tgt Ion: 112 Resp: 4277

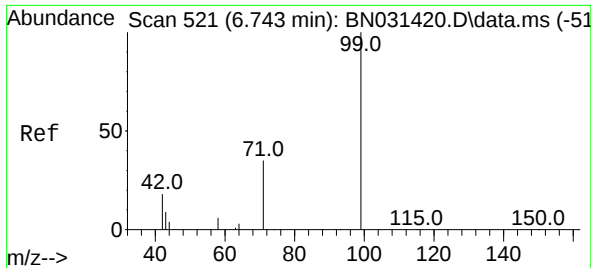
Ion Ratio Lower Upper

112 100

64 53.2 44.0 66.0

63 27.4 22.2 33.4

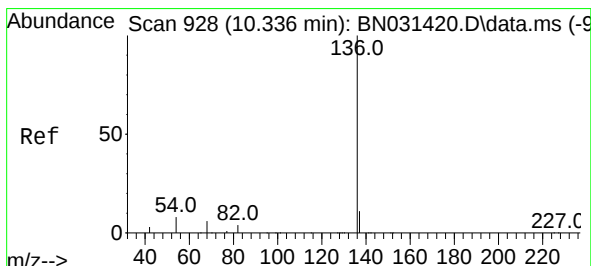
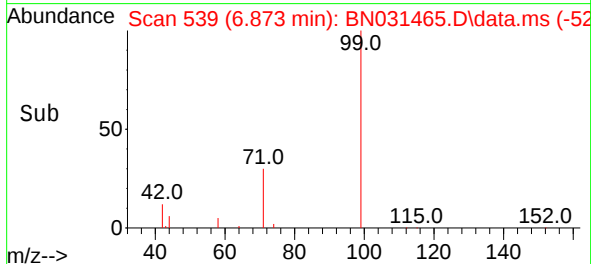
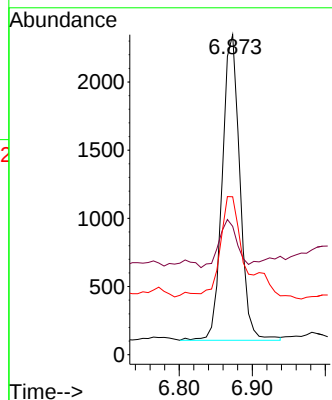
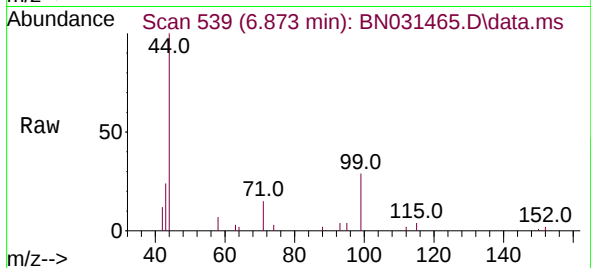




#5
Phenol-d6
Concen: 0.080 ng
RT: 6.873 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN031465.D
Acq: 10 May 2024 16:14

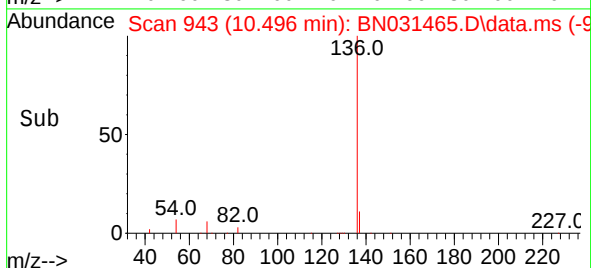
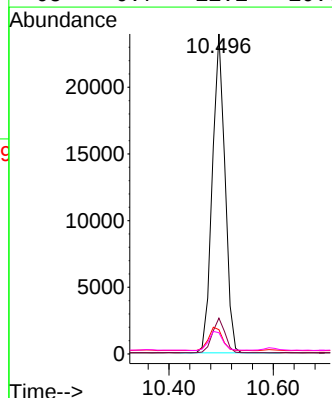
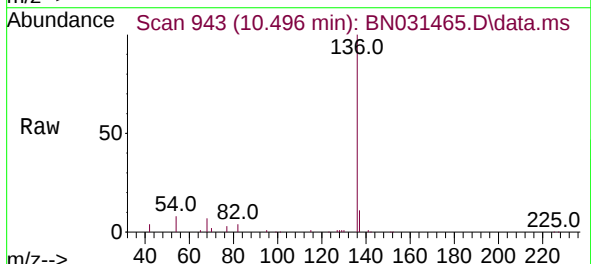
Instrument :
BNA_N
ClientSampleId :
TEST-1-T20

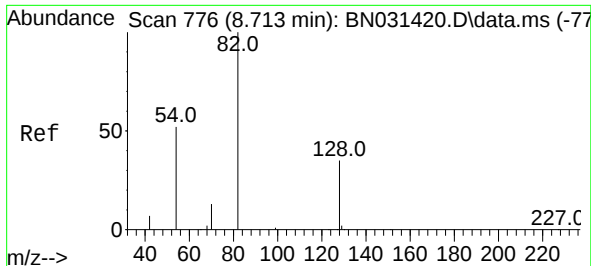
Tgt Ion: 99 Resp: 3747
Ion Ratio Lower Upper
99 100
42 15.8 13.5 20.3
71 45.6 26.1 39.1#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.496 min Scan# 943
Delta R.T. -0.000 min
Lab File: BN031465.D
Acq: 10 May 2024 16:14

Tgt Ion: 136 Resp: 40001
Ion Ratio Lower Upper
136 100
137 11.2 10.1 15.1
54 7.6 10.5 15.7#
68 6.7 11.1 16.7#

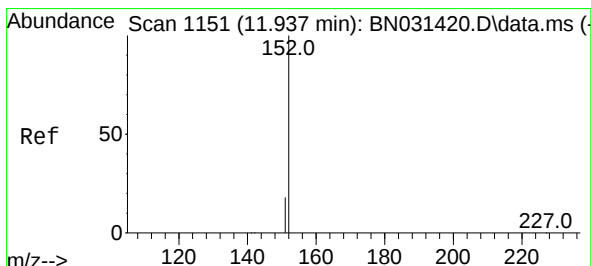
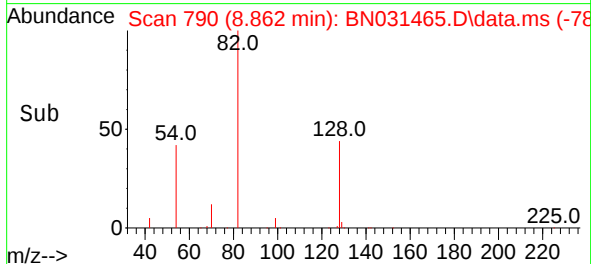
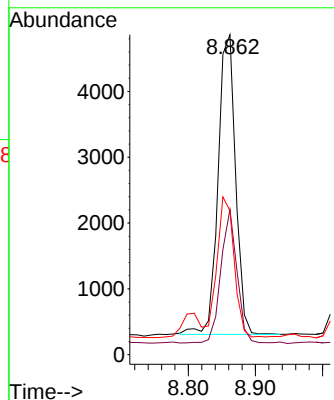
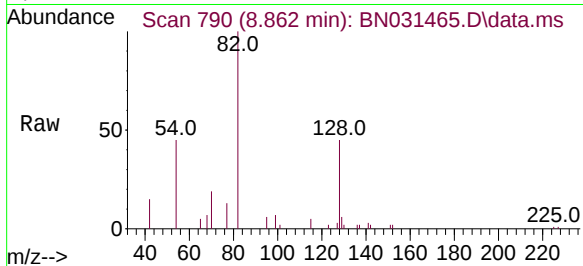




#8
Nitrobenzene-d5
Concen: 0.288 ng
RT: 8.862 min Scan# 711
Delta R.T. -0.000 min
Lab File: BN031465.D
Acq: 10 May 2024 16:14

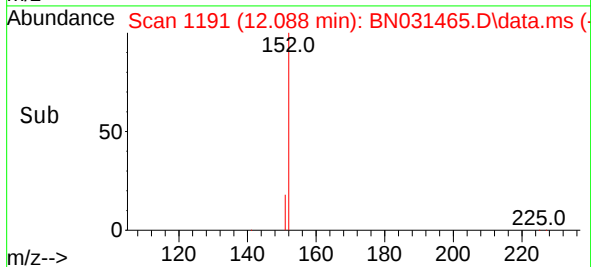
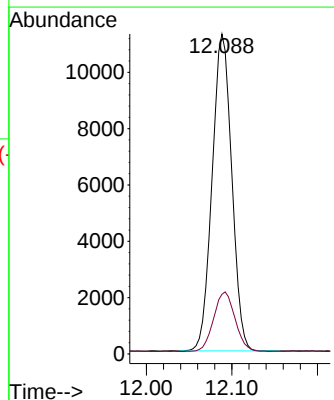
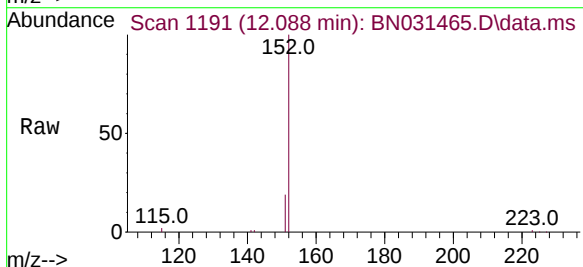
Instrument :
BNA_N
ClientSampleId :
TEST-1-T20

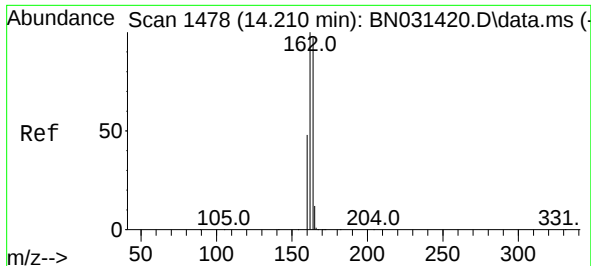
Tgt Ion: 82 Resp: 8276
Ion Ratio Lower Upper
82 100
128 45.4 29.0 43.6#
54 45.0 37.2 55.8



#11
2-Methylnaphthalene-d10
Concen: 0.278 ng
RT: 12.088 min Scan# 1191
Delta R.T. -0.004 min
Lab File: BN031465.D
Acq: 10 May 2024 16:14

Tgt Ion:152 Resp: 17924
Ion Ratio Lower Upper
152 100
151 20.6 16.6 25.0

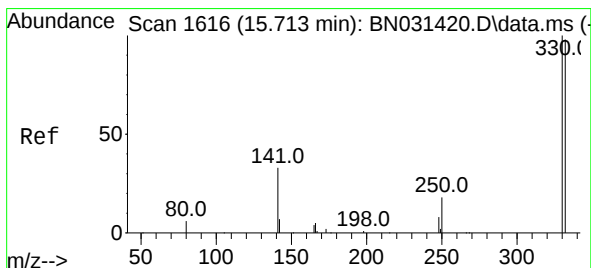
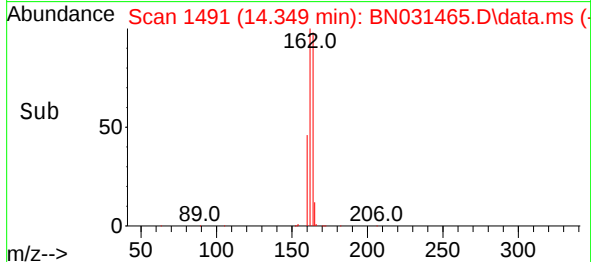
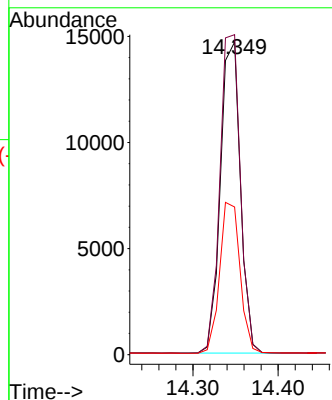
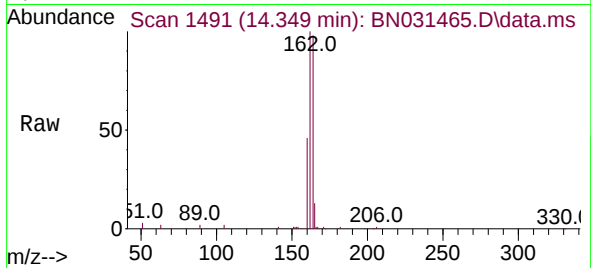




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.349 min Scan# 1478
Delta R.T. -0.000 min
Lab File: BN031465.D
Acq: 10 May 2024 16:14

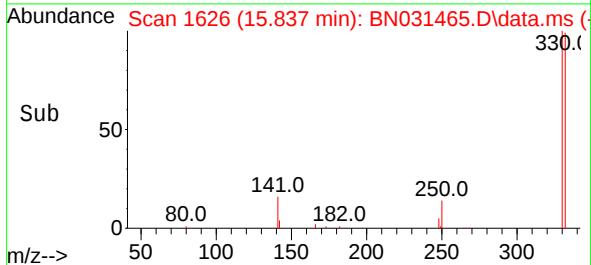
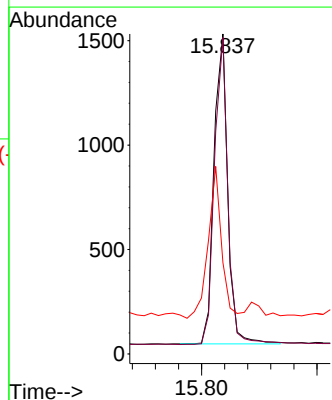
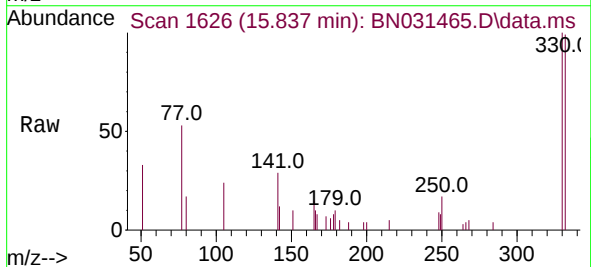
Instrument :
BNA_N
ClientSampleId :
TEST-1-T20

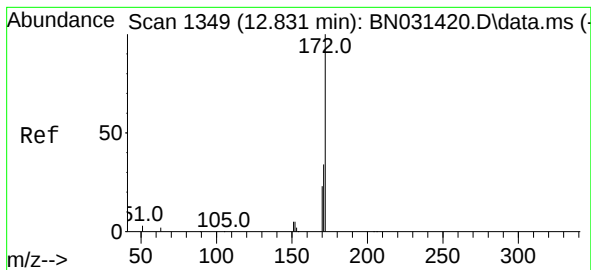
Tgt Ion:164 Resp: 23943
Ion Ratio Lower Upper
164 100
162 102.3 81.2 121.8
160 47.2 37.0 55.6



#14
2,4,6-Tribromophenol
Concen: 0.269 ng
RT: 15.837 min Scan# 1626
Delta R.T. -0.000 min
Lab File: BN031465.D
Acq: 10 May 2024 16:14

Tgt Ion:330 Resp: 2441
Ion Ratio Lower Upper
330 100
332 97.3 76.6 114.8
141 47.8 37.0 55.4





#15

2-Fluorobiphenyl

Concen: 0.290 ng

RT: 12.970 min Scan# 1362

Delta R.T. -0.011 min

Lab File: BN031465.D

Acq: 10 May 2024 16:14

Instrument :

BNA_N

ClientSampleId :

TEST-1-T20

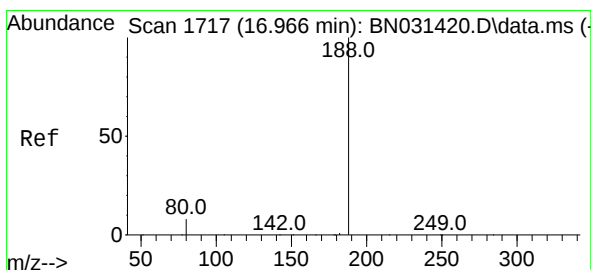
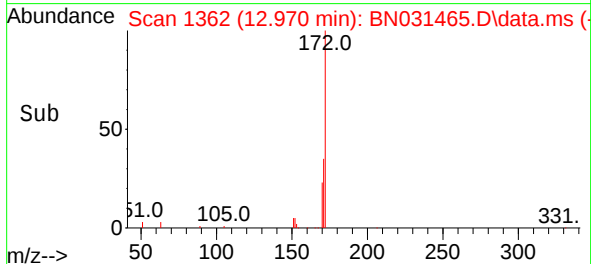
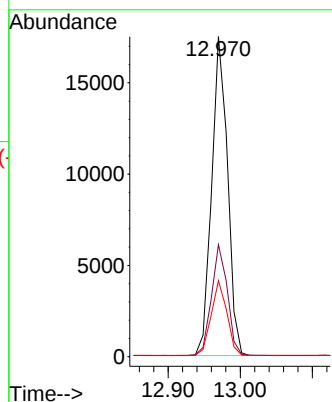
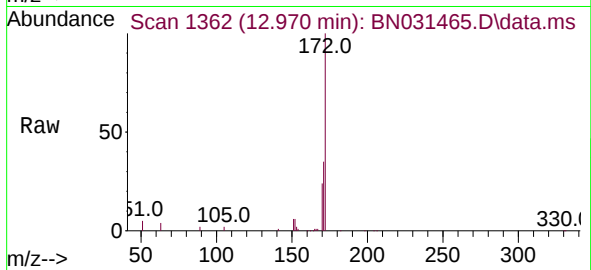
Tgt Ion:172 Resp: 26726

Ion Ratio Lower Upper

172 100

171 35.0 27.8 41.8

170 23.8 18.3 27.5



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.091 min Scan# 1727

Delta R.T. -0.000 min

Lab File: BN031465.D

Acq: 10 May 2024 16:14

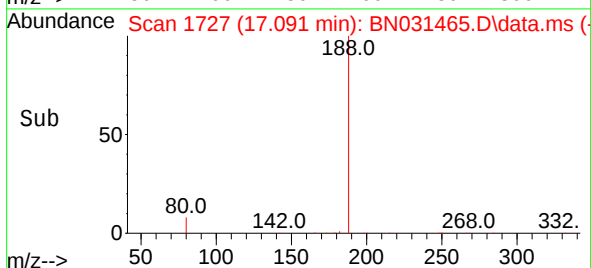
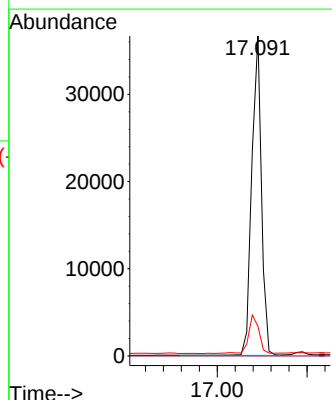
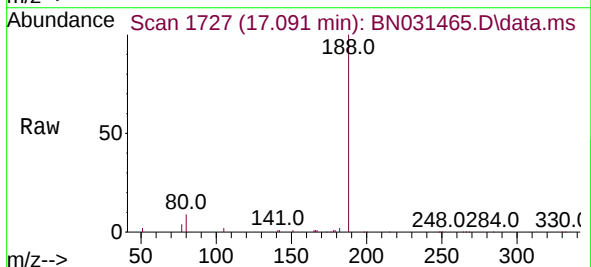
Tgt Ion:188 Resp: 54696

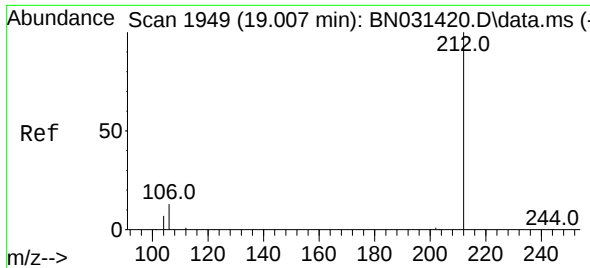
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.2 9.6 14.4#

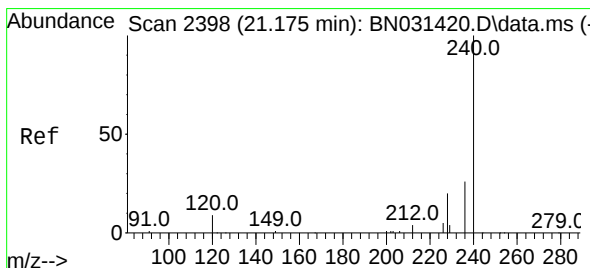
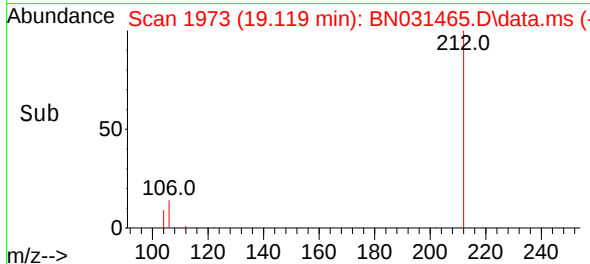
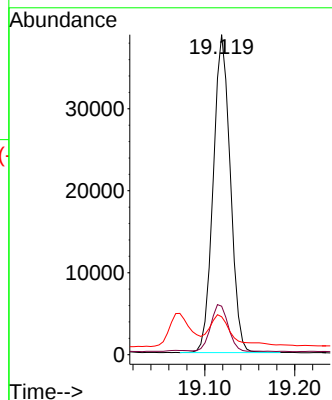
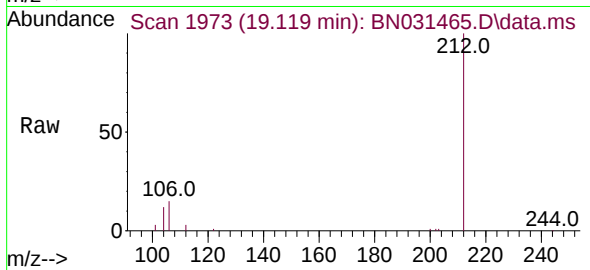




#27
Fluoranthene-d10
Concen: 0.336 ng
RT: 19.119 min Scan# 1973
Delta R.T. -0.000 min
Lab File: BN031465.D
Acq: 10 May 2024 16:14

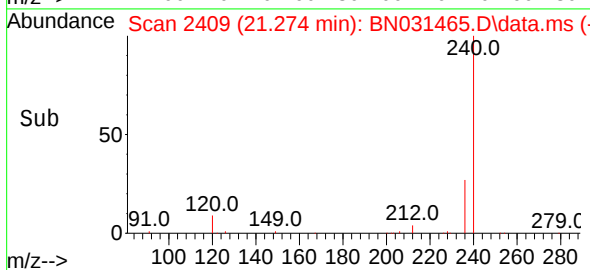
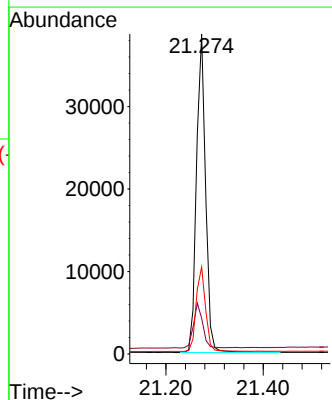
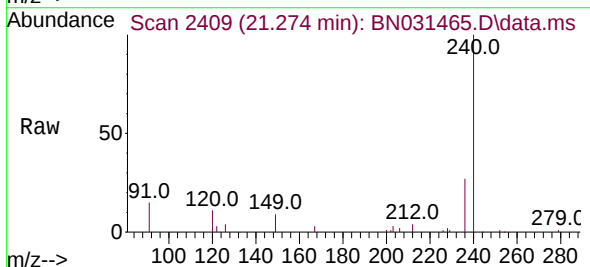
Instrument :
BNA_N
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TEST-1-T20

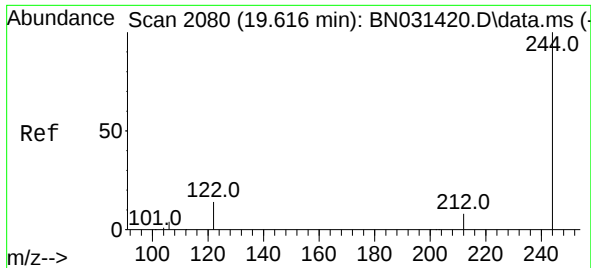
Tgt Ion:212 Resp: 51030
Ion Ratio Lower Upper
212 100
106 15.3 12.0 18.0
104 12.8 6.9 10.3#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.274 min Scan# 2409
Delta R.T. -0.000 min
Lab File: BN031465.D
Acq: 10 May 2024 16:14

Tgt Ion:240 Resp: 50081
Ion Ratio Lower Upper
240 100
120 11.2 11.4 17.2#
236 27.2 22.2 33.4

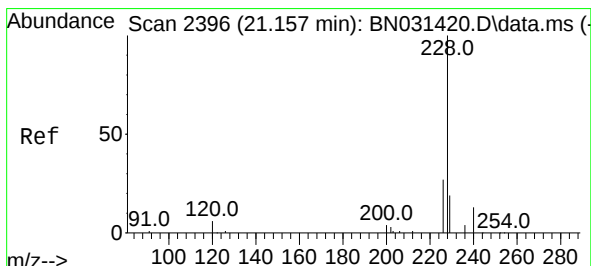
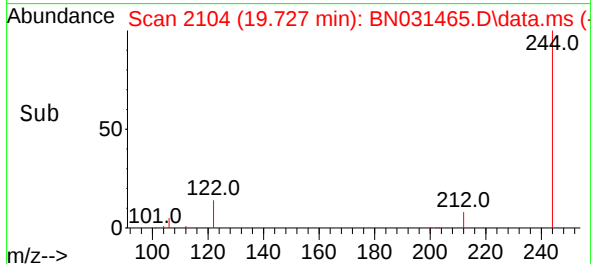
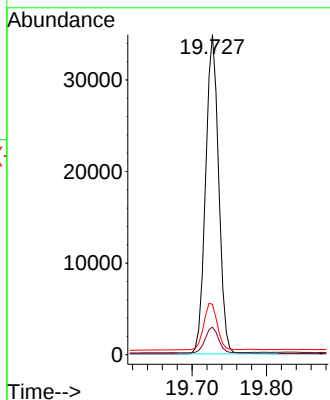
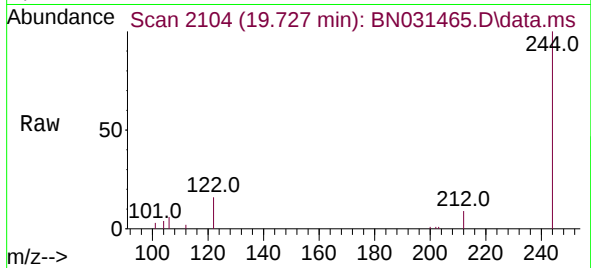




#31
 Terphenyl-d14
 Concen: 0.346 ng
 RT: 19.727 min Scan# 2104
 Delta R.T. -0.005 min
 Lab File: BN031465.D
 Acq: 10 May 2024 16:14

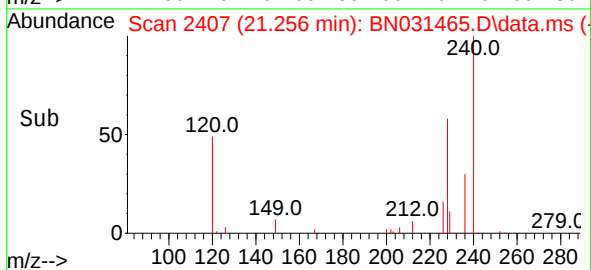
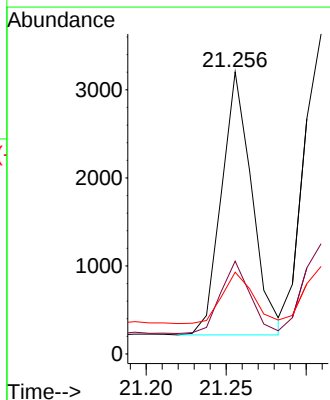
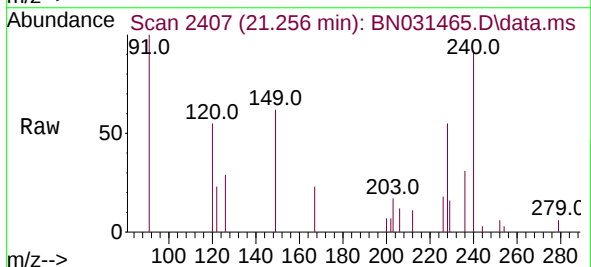
Instrument :
 BNA_N
 ClientSampleId :
 TEST-1-T20

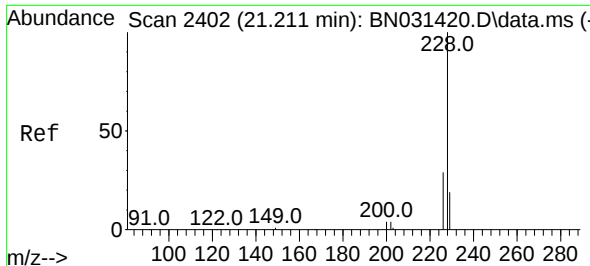
Tgt Ion:244 Resp: 42436
 Ion Ratio Lower Upper
 244 100
 212 8.6 6.5 9.7
 122 15.7 11.4 17.2



#32
 Benzo(a)anthracene
 Concen: 0.020 ng
 RT: 21.256 min Scan# 2407
 Delta R.T. -0.000 min
 Lab File: BN031465.D
 Acq: 10 May 2024 16:14

Tgt Ion:228 Resp: 3957
 Ion Ratio Lower Upper
 228 100
 226 32.9 22.4 33.6
 229 29.0 15.5 23.3#





#33

Chrysene

Concen: 0.025 ng

RT: 21.309 min Scan# 2413

Delta R.T. -0.000 min

Lab File: BN031465.D

Acq: 10 May 2024 16:14

Instrument :

BNA_N

ClientSampleId :

TEST-1-T20

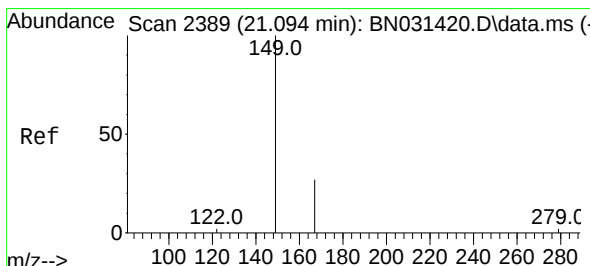
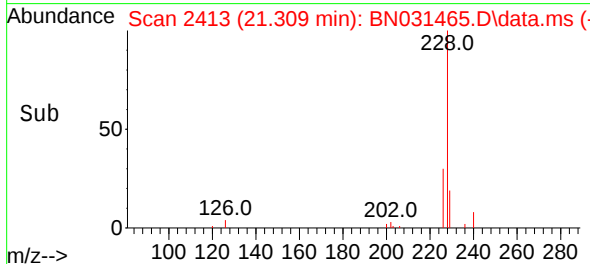
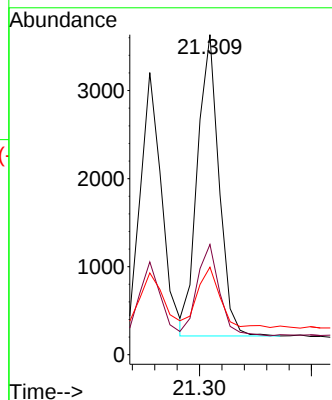
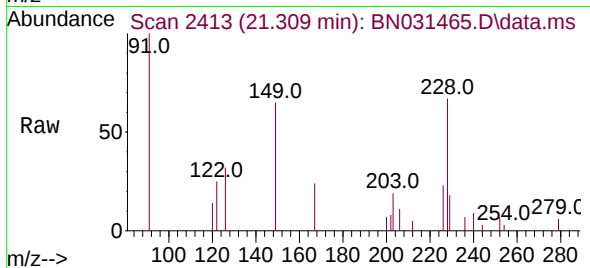
Tgt Ion:228 Resp: 4559

Ion Ratio Lower Upper

228 100

226 34.4 24.5 36.7

229 27.3 15.8 23.8#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.514 ng

RT: 21.211 min Scan# 2402

Delta R.T. -0.009 min

Lab File: BN031465.D

Acq: 10 May 2024 16:14

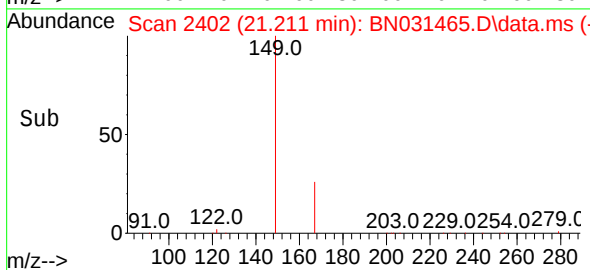
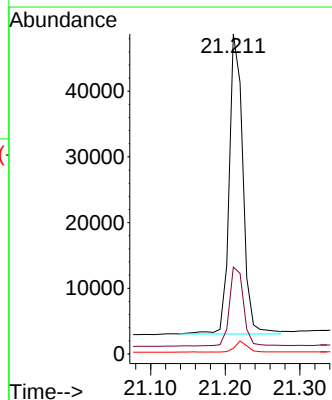
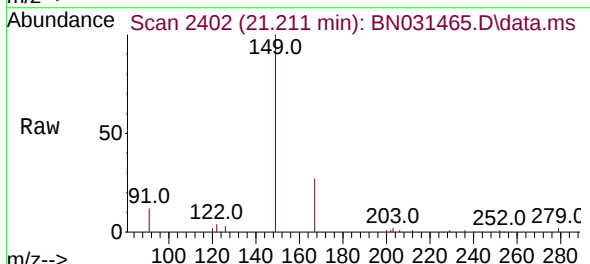
Tgt Ion:149 Resp: 58140

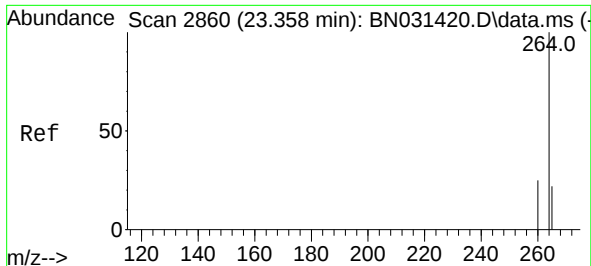
Ion Ratio Lower Upper

149 100

167 27.2 22.1 33.1

279 3.3 2.7 4.1

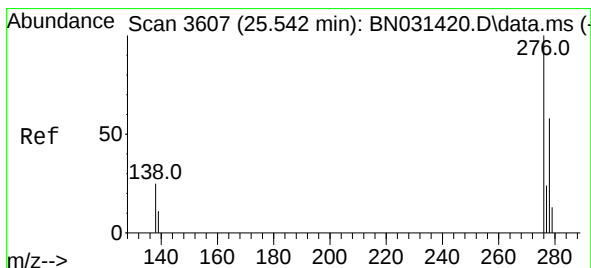
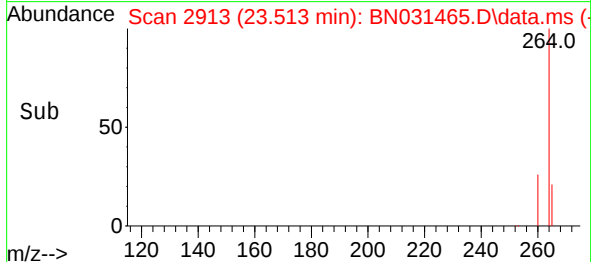
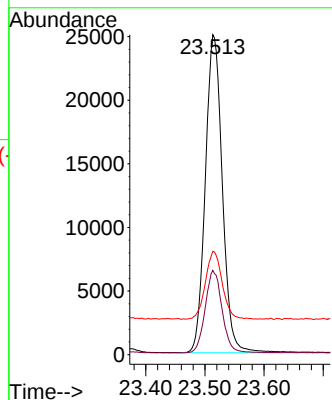
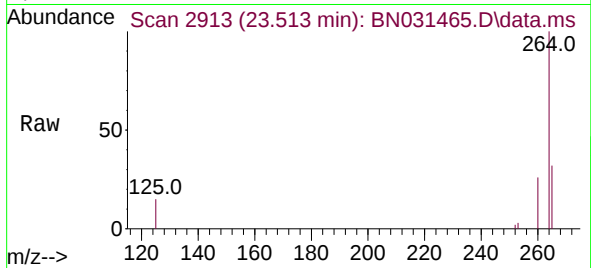




#35
Perylene-d12
Concen: 0.400 ng
RT: 23.513 min Scan# 20
Delta R.T. -0.006 min
Lab File: BN031465.D
Acq: 10 May 2024 16:14

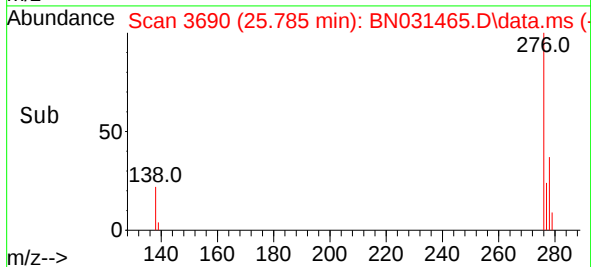
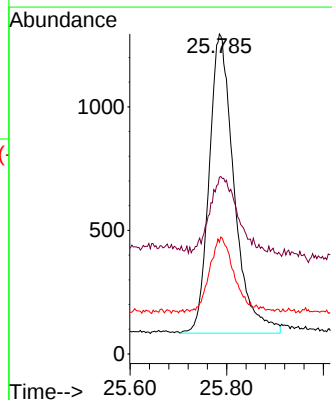
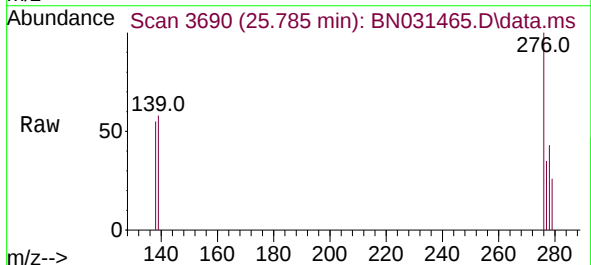
Instrument :
BNA_N
ClientSampleId :
TEST-1-T20

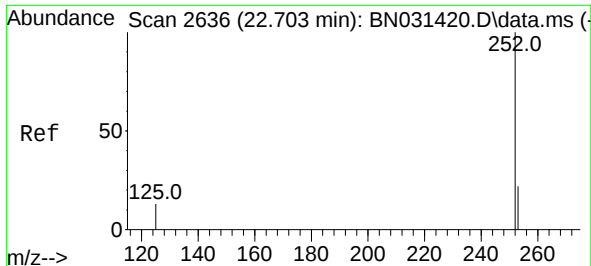
Tgt Ion:264 Resp: 49974
Ion Ratio Lower Upper
264 100
260 26.4 20.6 31.0
265 32.3 24.0 36.0



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.022 ng
RT: 25.785 min Scan# 3690
Delta R.T. -0.009 min
Lab File: BN031465.D
Acq: 10 May 2024 16:14

Tgt Ion:276 Resp: 4337
Ion Ratio Lower Upper
276 100
138 27.5 23.0 34.6
277 23.6 19.9 29.9





#37

Benzo(b)fluoranthene

Concen: 0.031 ng

RT: 22.841 min Scan# 2699

Delta R.T. -0.006 min

Lab File: BN031465.D

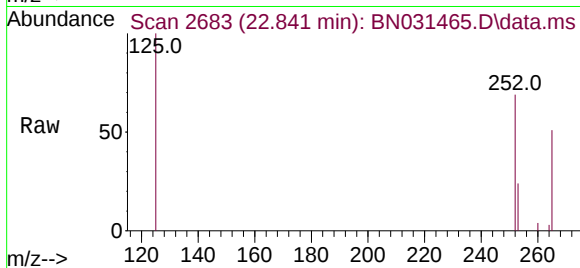
Acq: 10 May 2024 16:14

Instrument :

BNA_N

ClientSampleId :

TEST-1-T20



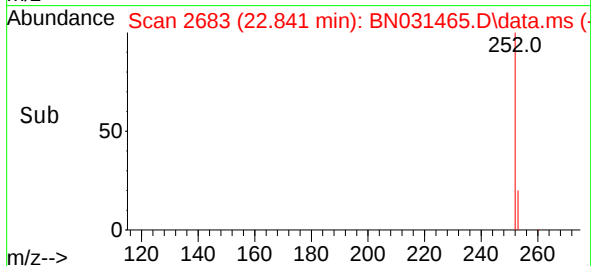
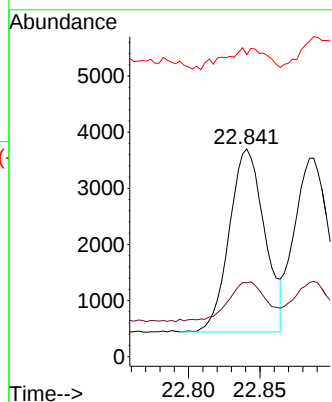
Tgt Ion:252 Resp: 5610

Ion Ratio Lower Upper

252 100

253 35.6 18.2 27.4#

125 145.4 10.5 15.7#



#38

Benzo(k)fluoranthene

Concen: 0.032 ng

RT: 22.887 min Scan# 2699

Delta R.T. -0.003 min

Lab File: BN031465.D

Acq: 10 May 2024 16:14

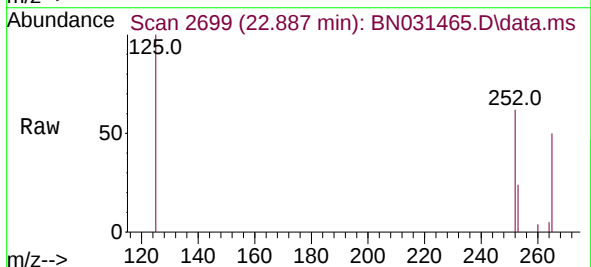
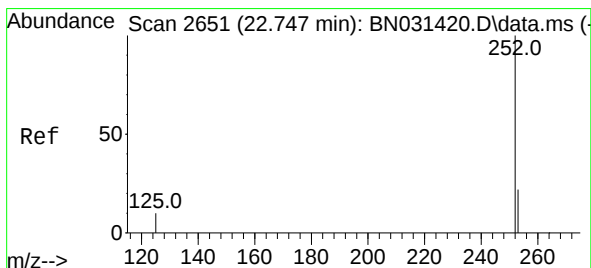
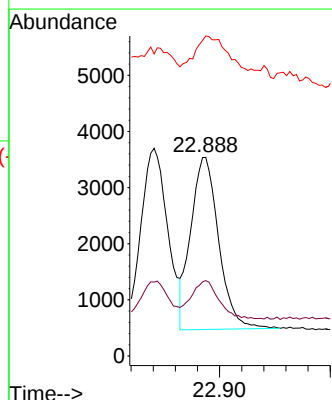
Tgt Ion:252 Resp: 5381

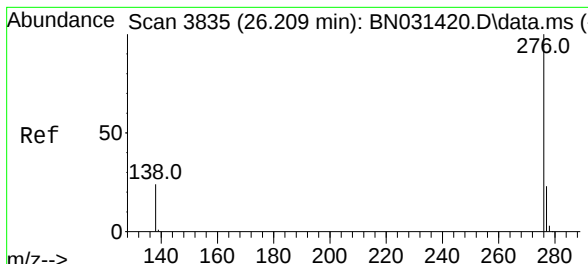
Ion Ratio Lower Upper

252 100

253 37.9 18.2 27.2#

125 161.1 11.0 16.6#





#41
 Benzo(g,h,i)perylene
 Concen: 0.020 ng
 RT: 26.475 min Scan# 3926
 Delta R.T. -0.009 min
 Lab File: BN031465.D
 Acq: 10 May 2024 16:14

Instrument :
 BNA_N
 ClientSampleId :
 TEST-1-T20

Tgt Ion:	276	Resp:	3399
Ion Ratio	Lower	Upper	
276	100		
277	37.0	19.4	29.0#
138	53.0	20.4	30.6#

