

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN113022\
 Data File : BN023009.D
 Acq On : 01 Dec 2022 07:48
 Operator : CG/JU
 Sample : N5757-03
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT17411-20221121

Quant Time: Dec 01 08:17:13 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 30 00:45:21 2022
 Response via : Initial Calibration

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

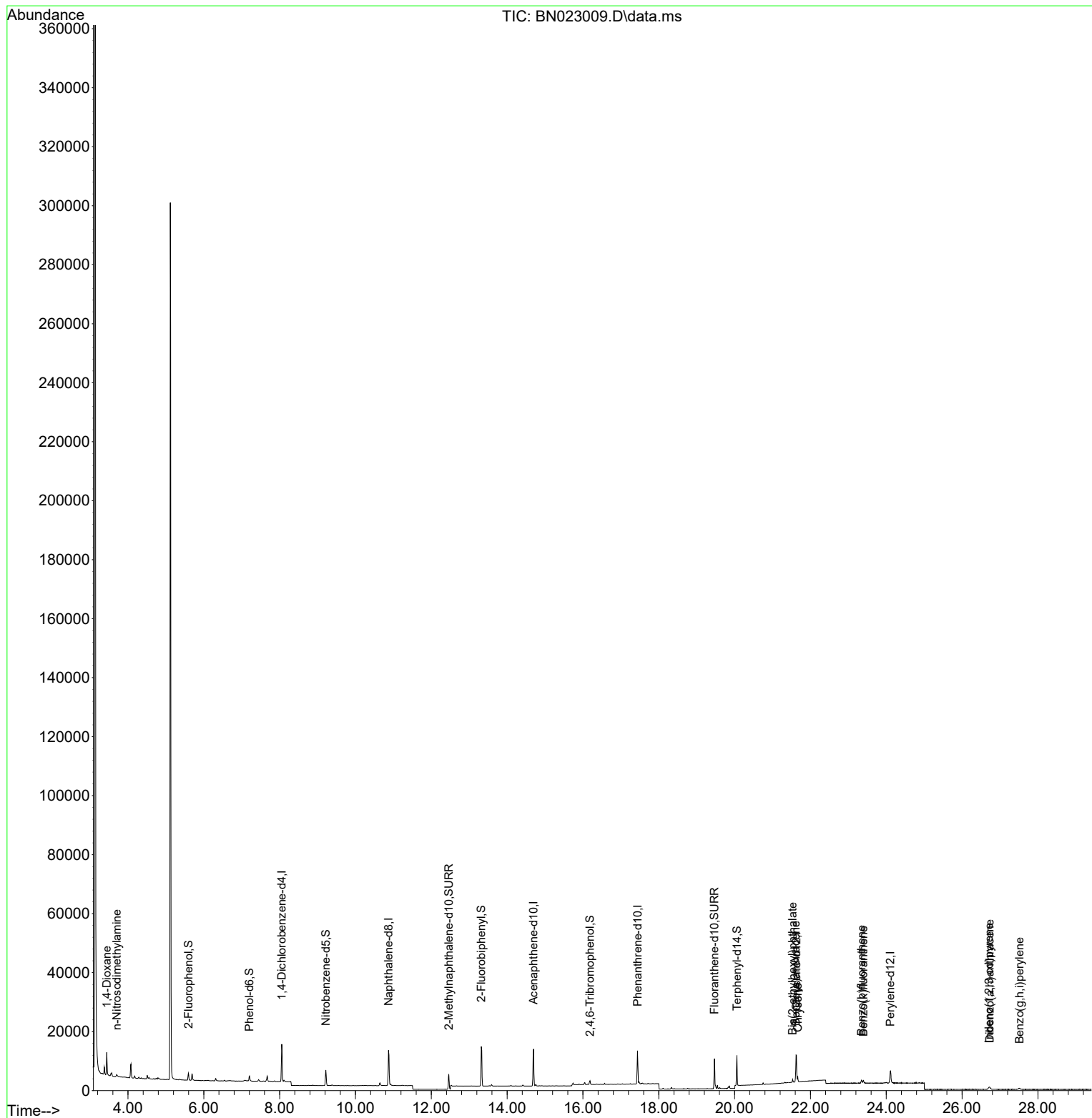
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.056	152	5875	0.400	ng	0.00
7) Naphthalene-d8	10.872	136	15720	0.400	ng	#-0.01
13) Acenaphthene-d10	14.698	164	7128	0.400	ng	0.00
19) Phenanthrene-d10	17.439	188	13679	0.400	ng	0.00
29) Chrysene-d12	21.629	240	8692	0.400	ng	# 0.00
35) Perylene-d12	24.110	264	6440	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.594	112	1873	0.123	ng	0.00
5) Phenol-d6	7.204	99	1479	0.076	ng	0.00
8) Nitrobenzene-d5	9.217	82	4066	0.333	ng	-0.01
11) 2-Methylnaphthalene-d10	12.461	152	7089	0.208	ng	0.00
14) 2,4,6-Tribromophenol	16.185	330	805	0.234	ng	0.00
15) 2-Fluorobiphenyl	13.319	172	11870	0.364	ng	-0.01
27) Fluoranthene-d10	19.469	212	11014	0.296	ng	0.00
31) Terphenyl-d14	20.062	244	8507	0.417	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.441	88	4334	0.581	ng	96
3) n-Nitrosodimethylamine	3.701	42	197	0.025	ng	# 1
32) Benzo(a)anthracene	21.611	228	1124	0.032	ng	# 90
33) Chrysene	21.665	228	1440	0.040	ng	94
34) Bis(2-ethylhexyl)phtha...	21.531	149	1031	0.073	ng	# 94
36) Indeno(1,2,3-cd)pyrene	26.709	276	1041	0.039	ng	# 84
37) Benzo(b)fluoranthene	23.347	252	1347	0.047	ng	# 32
38) Benzo(k)fluoranthene	23.394	252	1142	0.037	ng	# 31
40) Dibenzo(a,h)anthracene	26.730	278	886	0.042	ng	# 46
41) Benzo(g,h,i)perylene	27.513	276	838	0.037	ng	# 65

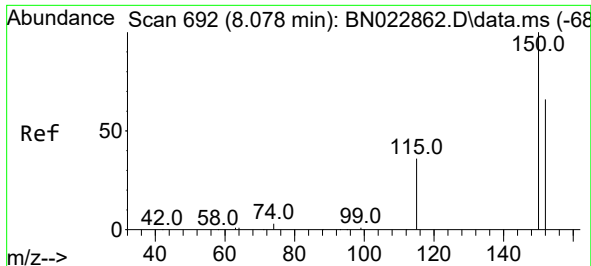
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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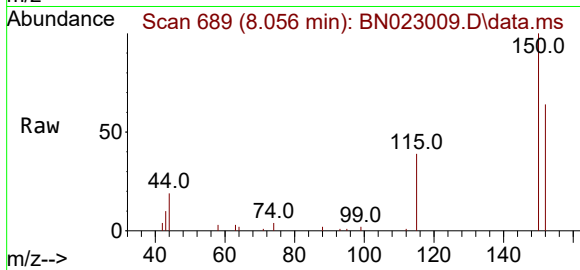
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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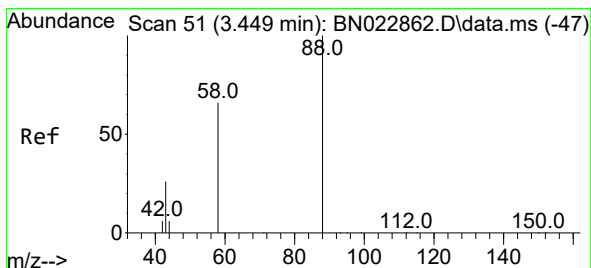
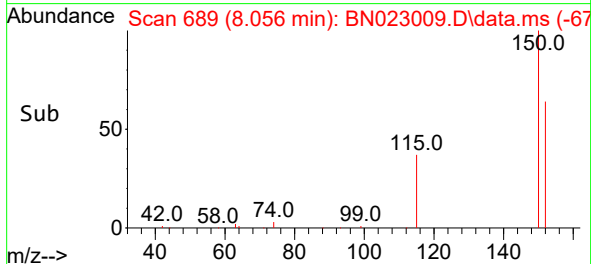
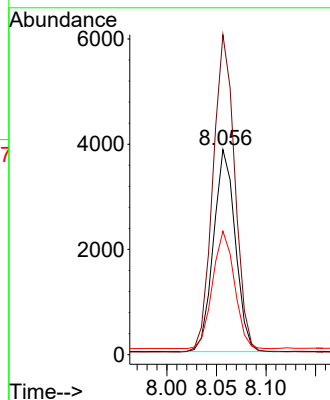


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.056 min Scan# 61
 Delta R.T. -0.008 min
 Lab File: BN023009.D
 Acq: 01 Dec 2022 07:48

Instrument :
 BNA_N
 ClientSampleId :
 TT17411-20221121

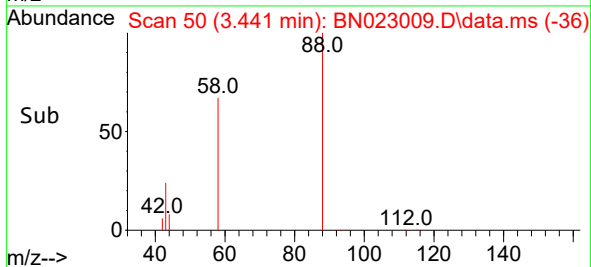
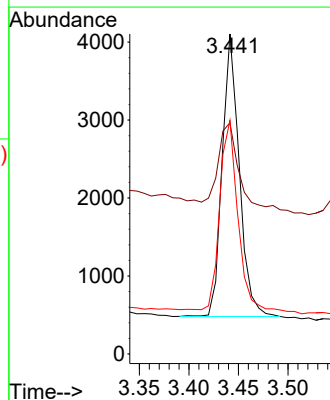
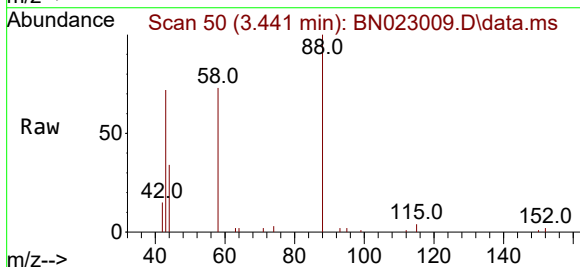


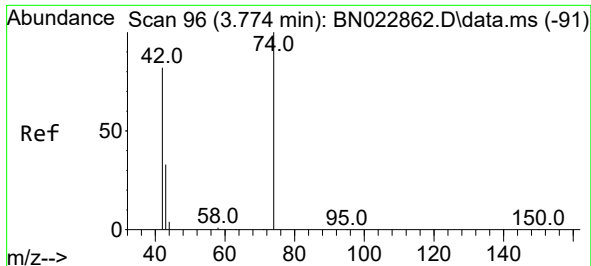
Tgt Ion:152 Resp: 5875
 Ion Ratio Lower Upper
 152 100
 150 156.0 121.2 181.8
 115 60.3 46.2 69.4



#2
 1,4-Dioxane
 Concen: 0.581 ng
 RT: 3.441 min Scan# 50
 Delta R.T. 0.000 min
 Lab File: BN023009.D
 Acq: 01 Dec 2022 07:48

Tgt Ion: 88 Resp: 4334
 Ion Ratio Lower Upper
 88 100
 43 37.3 25.4 38.2
 58 69.9 56.5 84.7

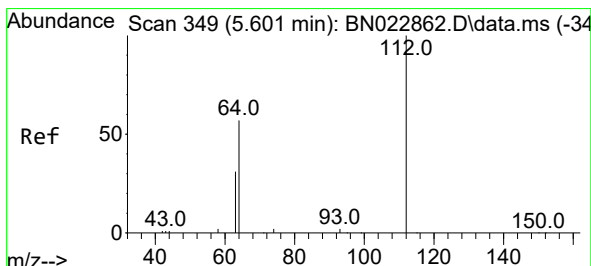
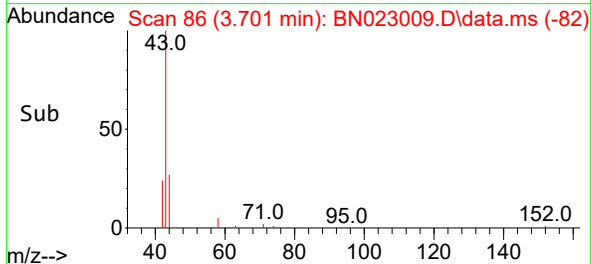
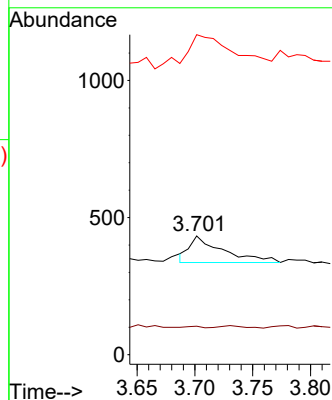
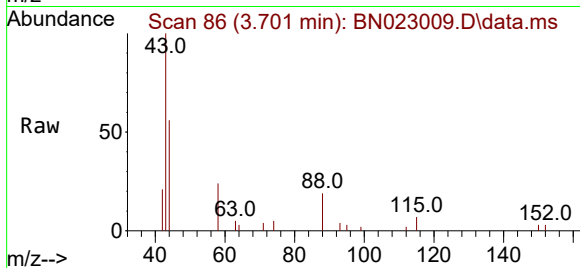




#3
n-Nitrosodimethylamine
Concen: 0.025 ng
RT: 3.701 min Scan# 80
Delta R.T. -0.072 min
Lab File: BN023009.D
Acq: 01 Dec 2022 07:48

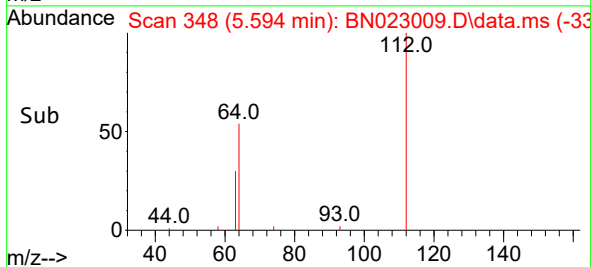
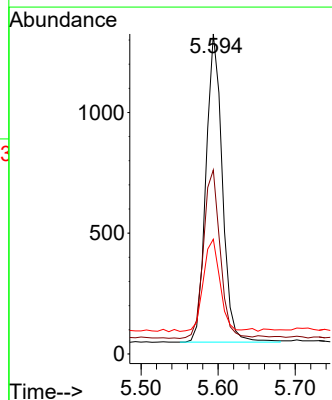
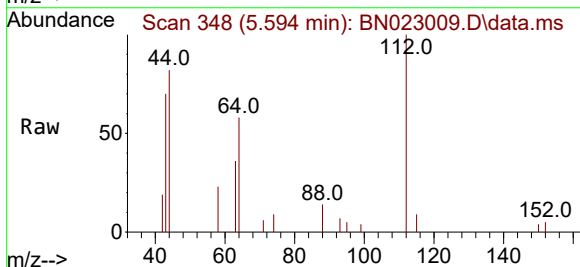
Instrument :
BNA_N
ClientSampleId :
TT17411-20221121

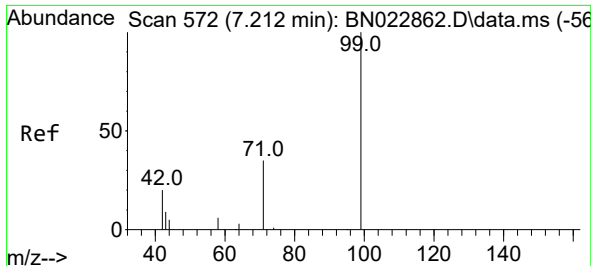
Tgt Ion: 42 Resp: 197
Ion Ratio Lower Upper
42 100
74 2.0 99.3 148.9#
44 122.8 5.4 8.2#



#4
2-Fluorophenol
Concen: 0.123 ng
RT: 5.594 min Scan# 348
Delta R.T. -0.007 min
Lab File: BN023009.D
Acq: 01 Dec 2022 07:48

Tgt Ion: 112 Resp: 1873
Ion Ratio Lower Upper
112 100
64 55.9 43.4 65.2
63 30.3 23.4 35.2

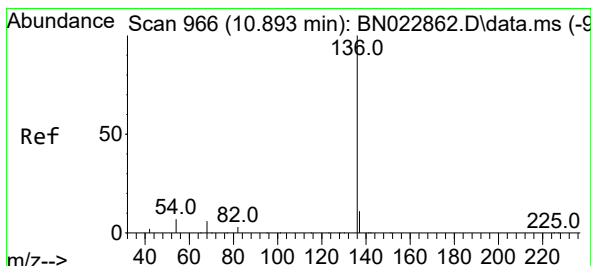
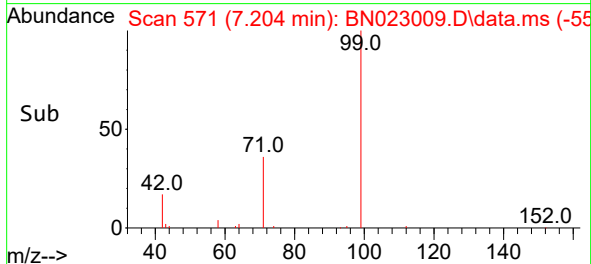
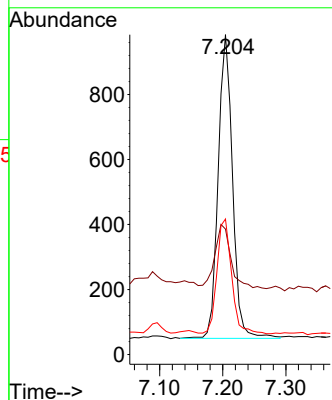
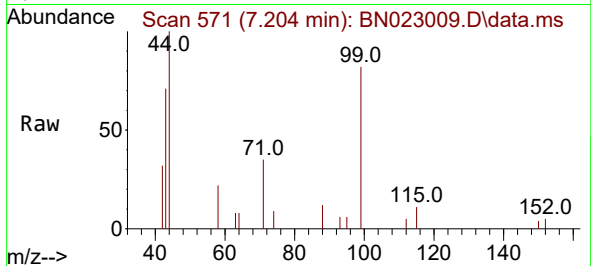




#5
Phenol-d6
Concen: 0.076 ng
RT: 7.204 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN023009.D
Acq: 01 Dec 2022 07:48

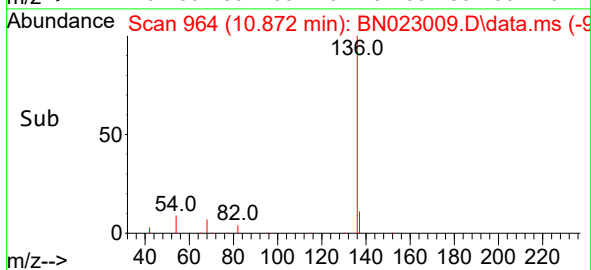
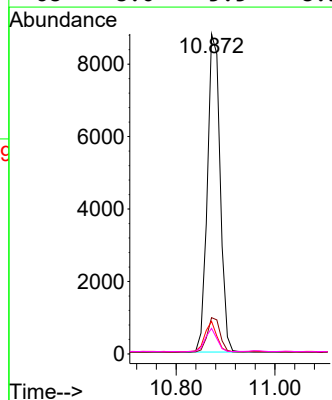
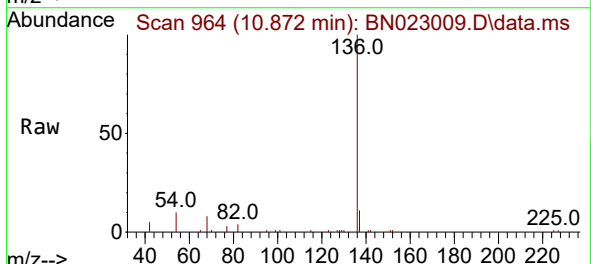
Instrument :
BNA_N
ClientSampleId :
TT17411-20221121

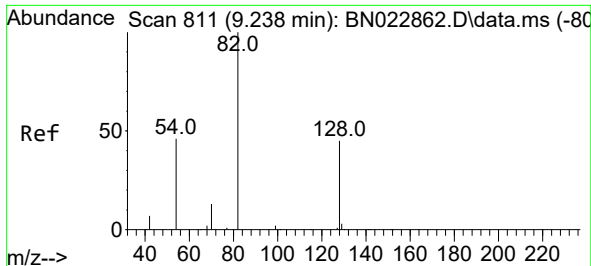
Tgt Ion: 99 Resp: 1479
Ion Ratio Lower Upper
99 100
42 24.6 16.0 24.0#
71 38.6 26.8 40.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.872 min Scan# 964
Delta R.T. -0.011 min
Lab File: BN023009.D
Acq: 01 Dec 2022 07:48

Tgt Ion: 136 Resp: 15720
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.4
54 10.2 6.6 9.8#
68 8.0 5.5 8.3

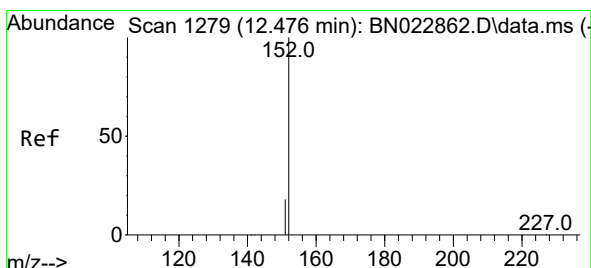
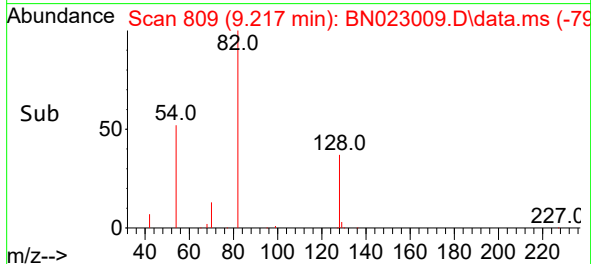
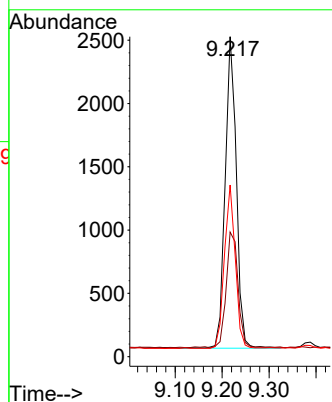
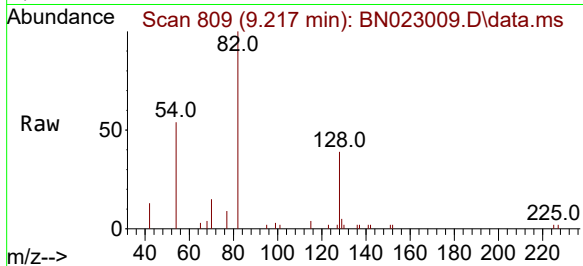




#8
 Nitrobenzene-d5
 Concen: 0.333 ng
 RT: 9.217 min Scan# 809
 Delta R.T. -0.011 min
 Lab File: BN023009.D
 Acq: 01 Dec 2022 07:48

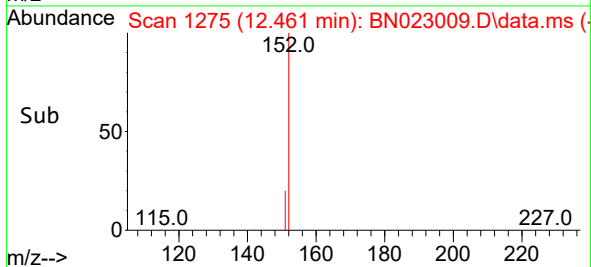
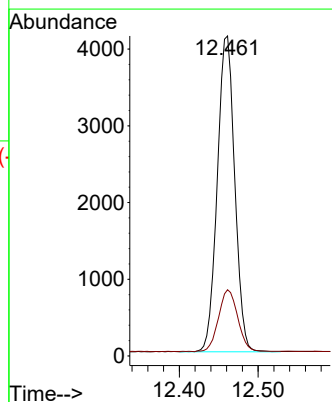
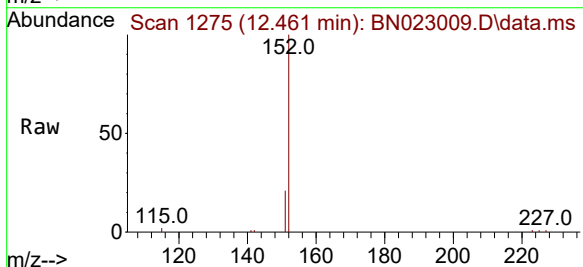
Instrument :
 BNA_N
 ClientSampleId :
 TT17411-20221121

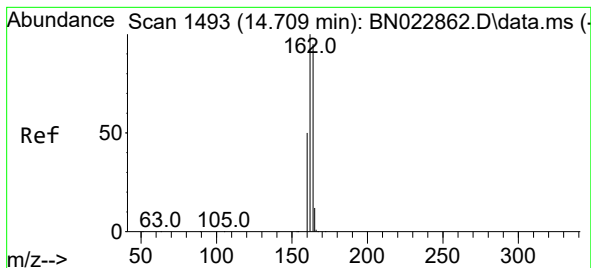
Tgt Ion: 82 Resp: 4066
 Ion Ratio Lower Upper
 82 100
 128 38.9 36.6 54.8
 54 53.6 38.5 57.7



#11
 2-Methylnaphthalene-d10
 Concen: 0.208 ng
 RT: 12.461 min Scan# 1275
 Delta R.T. -0.004 min
 Lab File: BN023009.D
 Acq: 01 Dec 2022 07:48

Tgt Ion: 152 Resp: 7089
 Ion Ratio Lower Upper
 152 100
 151 22.1 18.6 27.8





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.698 min Scan# 1492

Delta R.T. 0.000 min

Lab File: BN023009.D

Acq: 01 Dec 2022 07:48

Instrument :

BNA_N

ClientSampleId :

TT17411-20221121

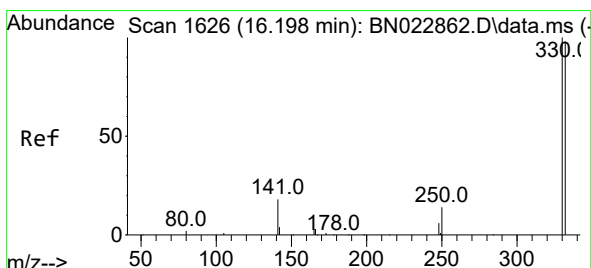
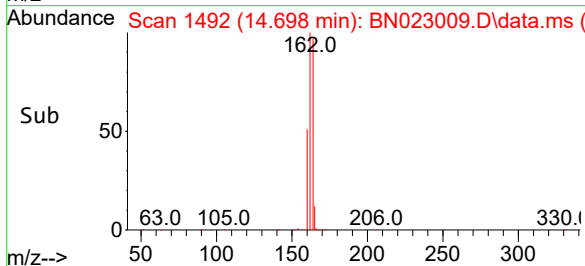
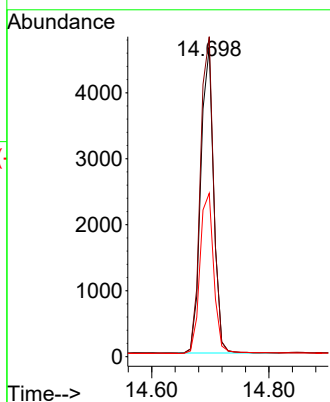
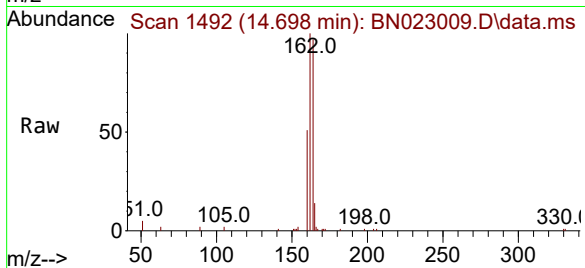
Tgt Ion:164 Resp: 7128

Ion Ratio Lower Upper

164 100

162 103.5 84.2 126.4

160 52.8 42.5 63.7



#14

2,4,6-Tribromophenol

Concen: 0.234 ng

RT: 16.185 min Scan# 1625

Delta R.T. 0.000 min

Lab File: BN023009.D

Acq: 01 Dec 2022 07:48

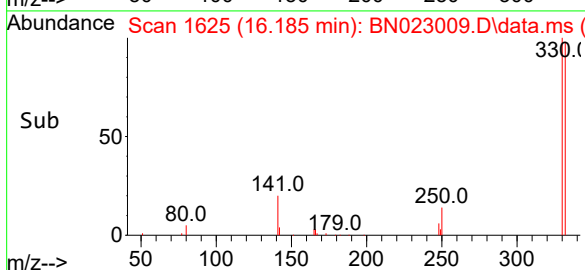
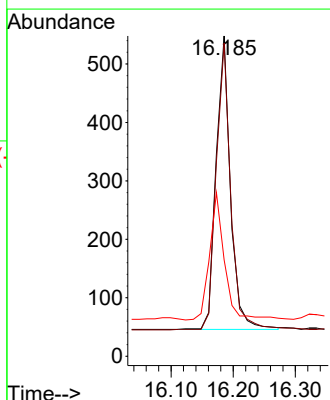
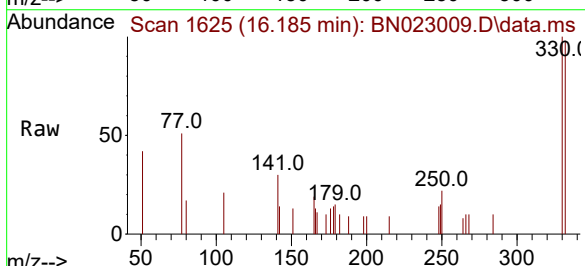
Tgt Ion:330 Resp: 805

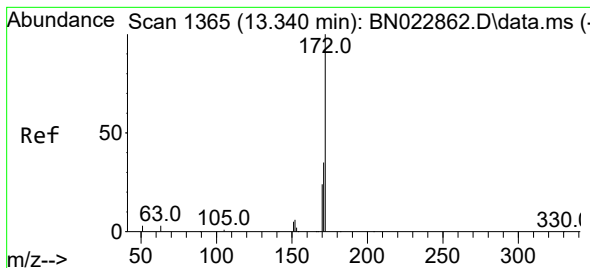
Ion Ratio Lower Upper

330 100

332 98.0 76.5 114.7

141 45.5 32.6 48.8





#15

2-Fluorobiphenyl

Concen: 0.364 ng

RT: 13.319 min Scan# 11

Delta R.T. -0.011 min

Lab File: BN023009.D

Acq: 01 Dec 2022 07:48

Instrument :

BNA_N

ClientSampleId :

TT17411-20221121

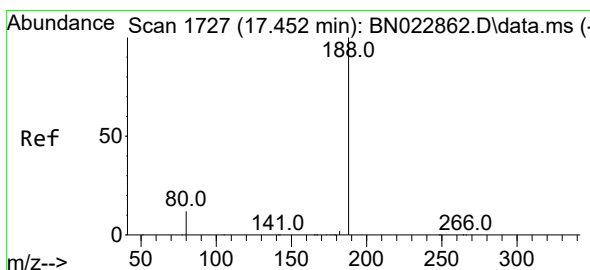
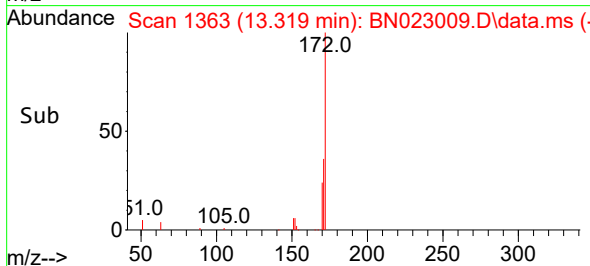
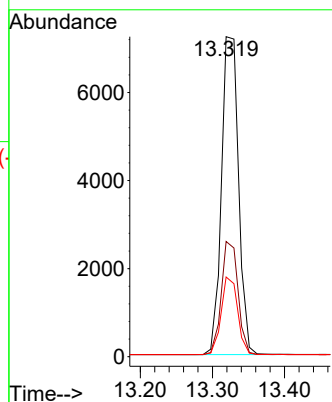
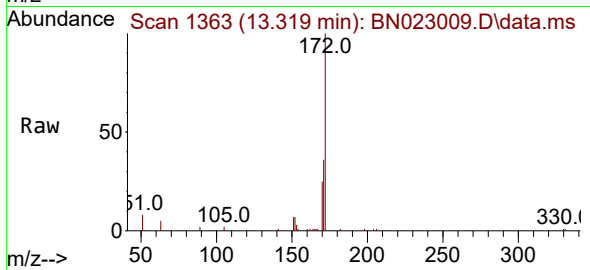
Tgt Ion:172 Resp: 11870

Ion Ratio Lower Upper

172 100

171 36.0 28.2 42.4

170 24.9 19.3 28.9



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.439 min Scan# 1726

Delta R.T. 0.000 min

Lab File: BN023009.D

Acq: 01 Dec 2022 07:48

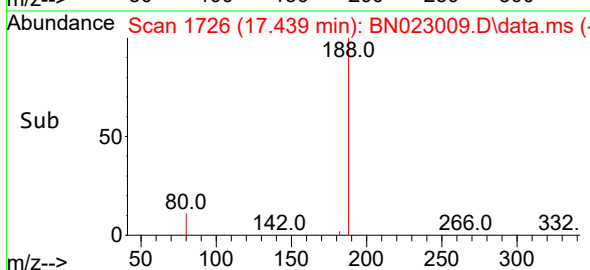
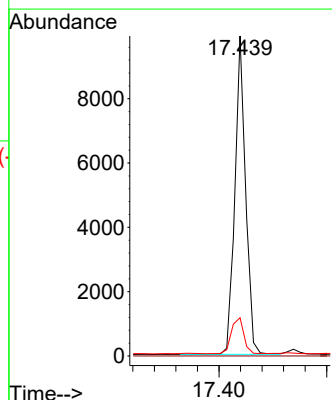
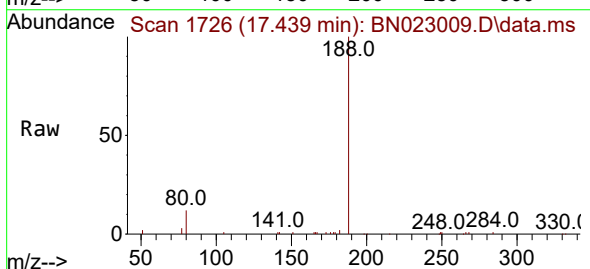
Tgt Ion:188 Resp: 13679

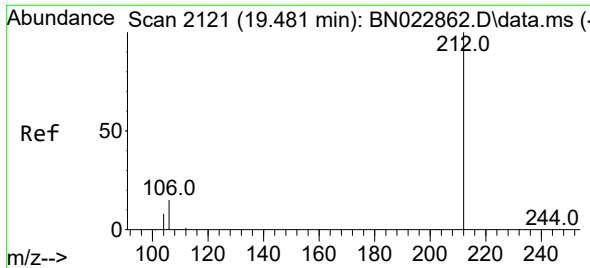
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.0 10.3 15.5

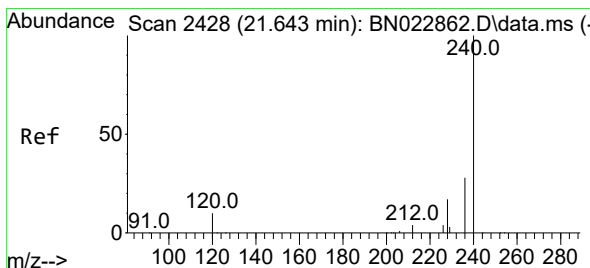
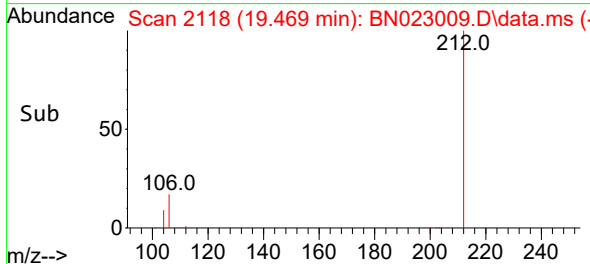
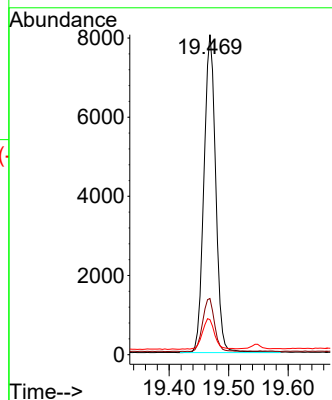
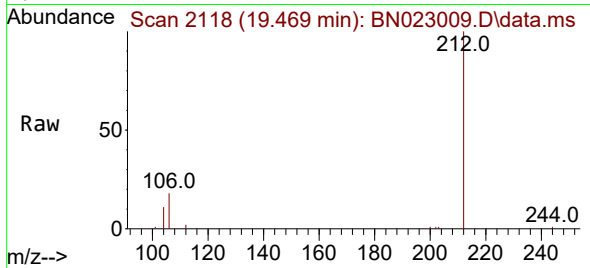




#27
Fluoranthene-d10
Concen: 0.296 ng
RT: 19.469 min Scan# 2118
Delta R.T. -0.004 min
Lab File: BN023009.D
Acq: 01 Dec 2022 07:48

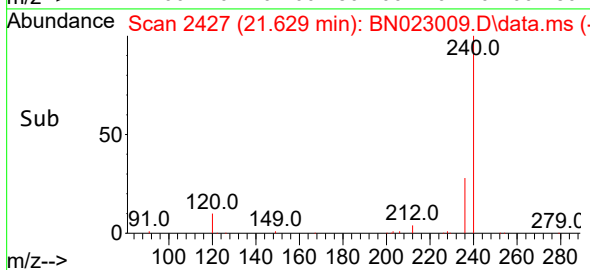
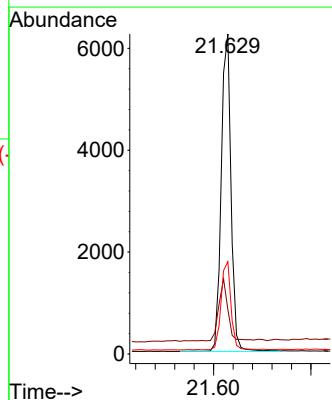
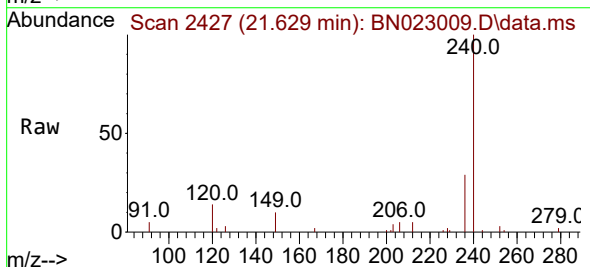
Instrument :
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TT17411-20221121

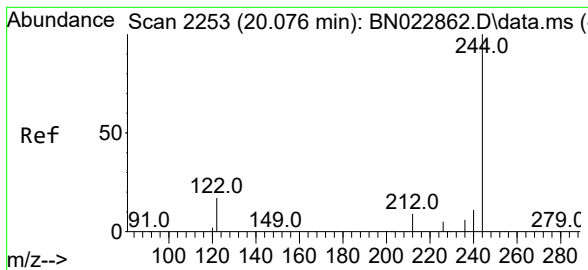
Tgt Ion:212 Resp: 11014
Ion Ratio Lower Upper
212 100
106 16.8 12.3 18.5
104 10.1 7.0 10.4



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.629 min Scan# 2427
Delta R.T. 0.000 min
Lab File: BN023009.D
Acq: 01 Dec 2022 07:48

Tgt Ion:240 Resp: 8692
Ion Ratio Lower Upper
240 100
120 13.8 9.2 13.8#
236 28.9 22.6 34.0





#31

Terphenyl-d14

Concen: 0.417 ng

RT: 20.062 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN023009.D

Acq: 01 Dec 2022 07:48

Instrument :

BNA_N

ClientSampleId :

TT17411-20221121

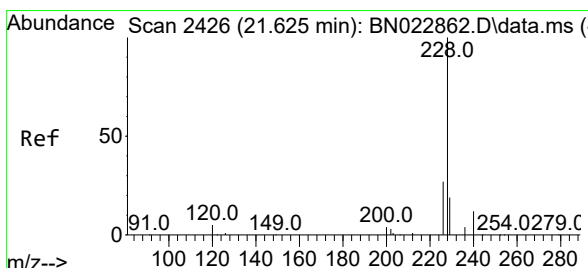
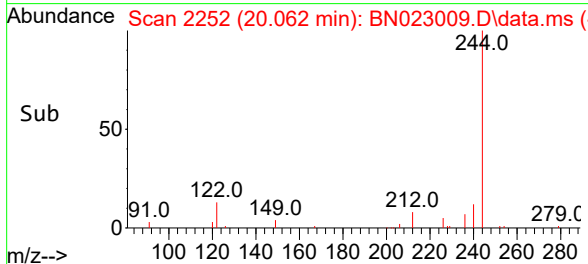
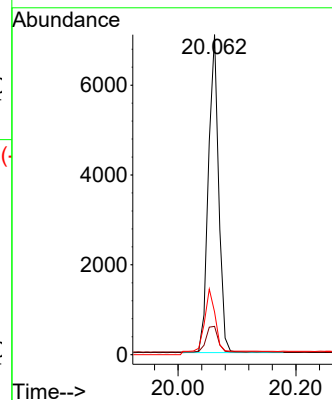
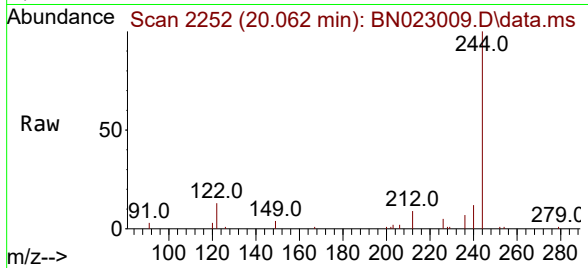
Tgt Ion:244 Resp: 8507

Ion Ratio Lower Upper

244 100

212 8.8 7.9 11.9

122 13.3 13.9 20.9#



#32

Benzo(a)anthracene

Concen: 0.032 ng

RT: 21.611 min Scan# 2425

Delta R.T. 0.000 min

Lab File: BN023009.D

Acq: 01 Dec 2022 07:48

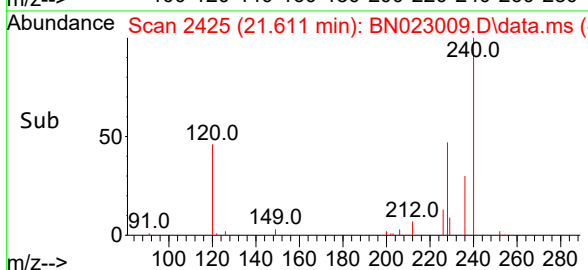
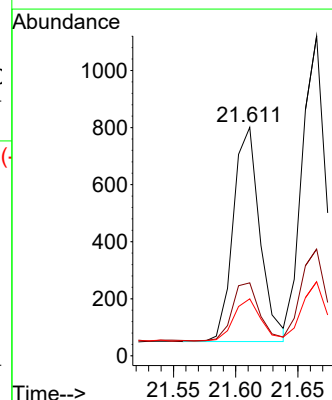
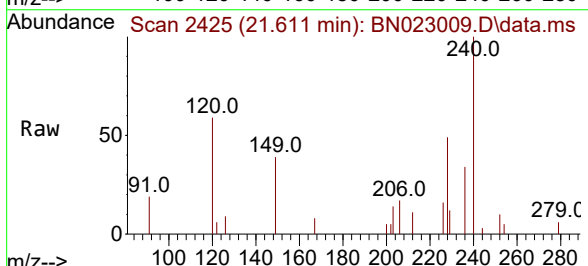
Tgt Ion:228 Resp: 1124

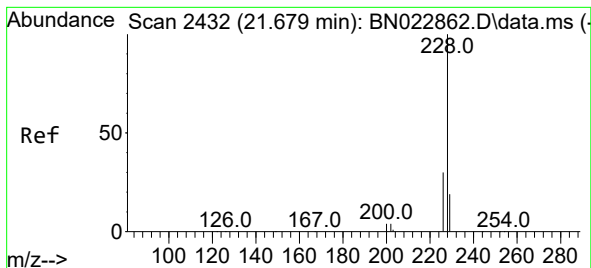
Ion Ratio Lower Upper

228 100

226 32.0 22.1 33.1

229 25.0 15.8 23.6#





#33

Chrysene

Concen: 0.040 ng

RT: 21.665 min Scan# 2431

Delta R.T. 0.000 min

Lab File: BN023009.D

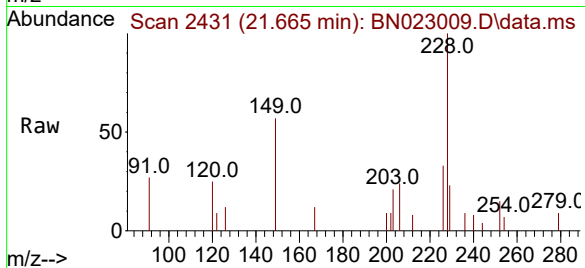
Acq: 01 Dec 2022 07:48

Instrument :

BNA_N

ClientSampleId :

TT17411-20221121



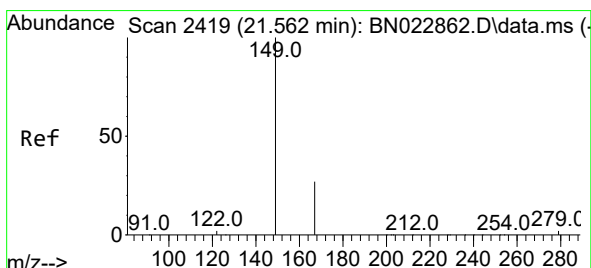
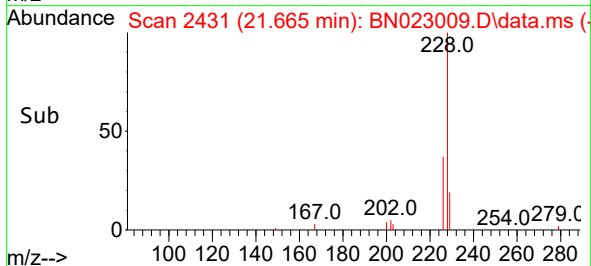
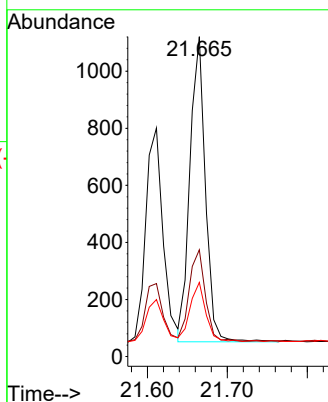
Tgt Ion:228 Resp: 1440

Ion Ratio Lower Upper

228 100

226 33.4 24.5 36.7

229 23.2 15.8 23.6



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.073 ng

RT: 21.531 min Scan# 2416

Delta R.T. -0.009 min

Lab File: BN023009.D

Acq: 01 Dec 2022 07:48

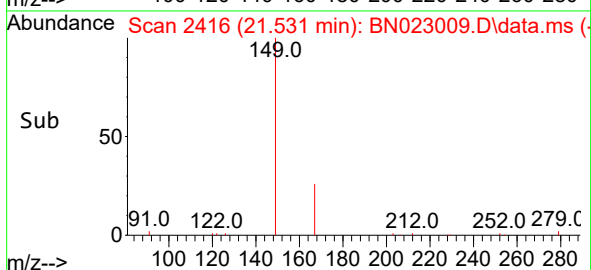
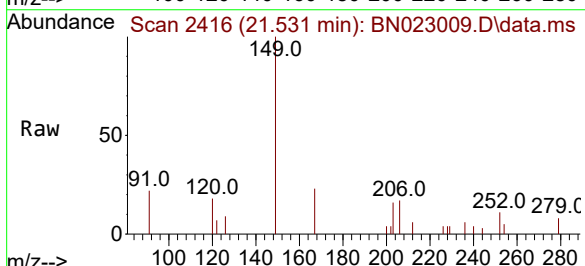
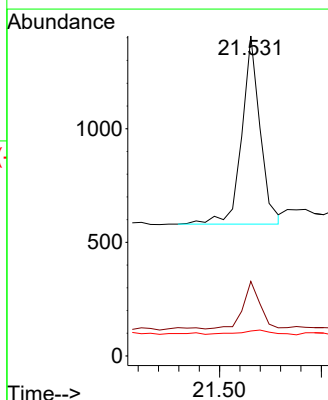
Tgt Ion:149 Resp: 1031

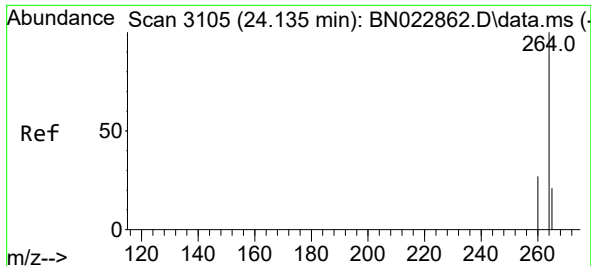
Ion Ratio Lower Upper

149 100

167 23.7 21.3 31.9

279 4.7 2.3 3.5#

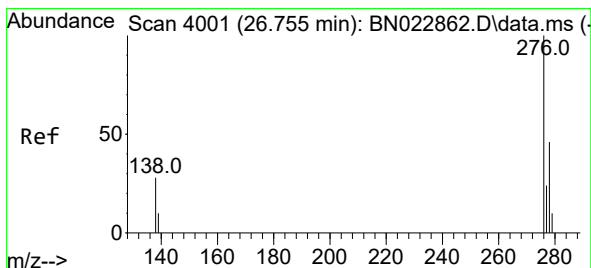
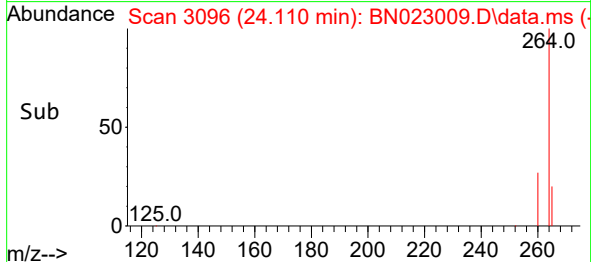
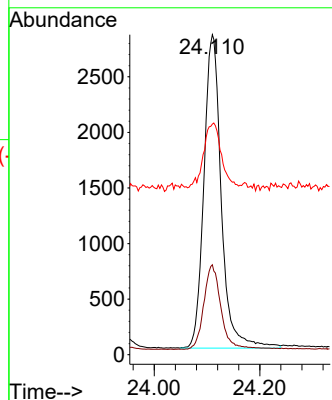
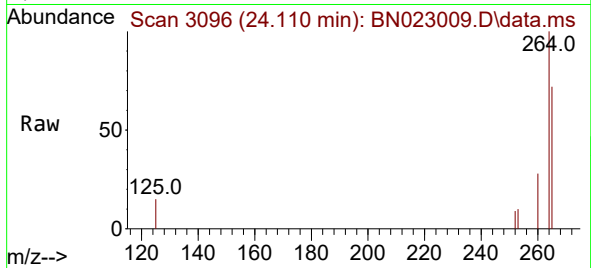




#35
Perylene-d12
Concen: 0.400 ng
RT: 24.110 min Scan# 3096
Delta R.T. -0.003 min
Lab File: BN023009.D
Acq: 01 Dec 2022 07:48

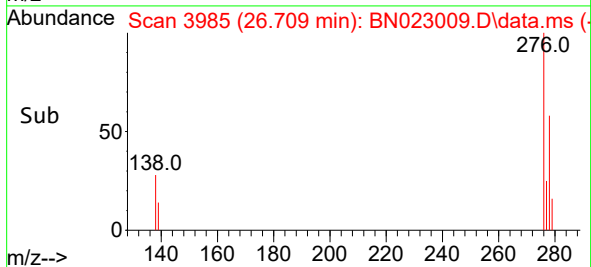
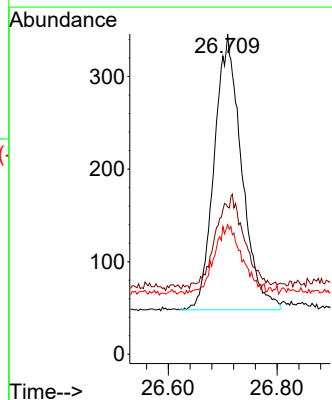
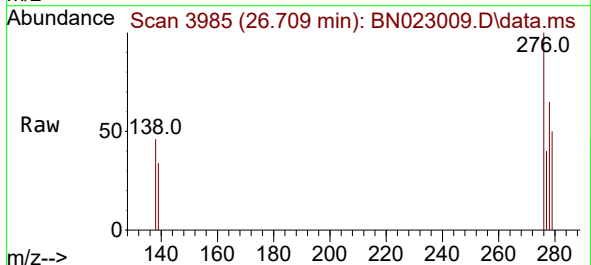
Instrument :
BNA_N
ClientSampleId :
TT17411-20221121

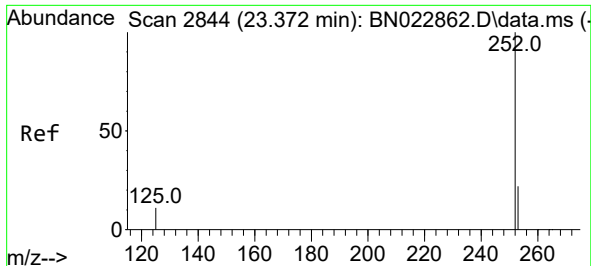
Tgt Ion:264 Resp: 6440
Ion Ratio Lower Upper
264 100
260 28.1 21.7 32.5
265 72.0 31.0 46.4#



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.039 ng
RT: 26.709 min Scan# 3985
Delta R.T. -0.009 min
Lab File: BN023009.D
Acq: 01 Dec 2022 07:48

Tgt Ion:276 Resp: 1041
Ion Ratio Lower Upper
276 100
138 15.5 24.4 36.6#
277 25.6 19.9 29.9





#37

Benzo(b)fluoranthene

Concen: 0.047 ng

RT: 23.347 min Scan# 2835

Delta R.T. -0.003 min

Lab File: BN023009.D

Acq: 01 Dec 2022 07:48

Instrument :

BNA_N

ClientSampleId :

TT17411-20221121

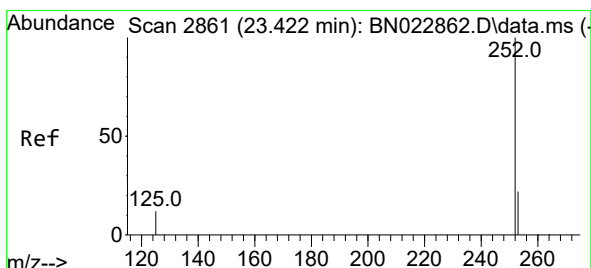
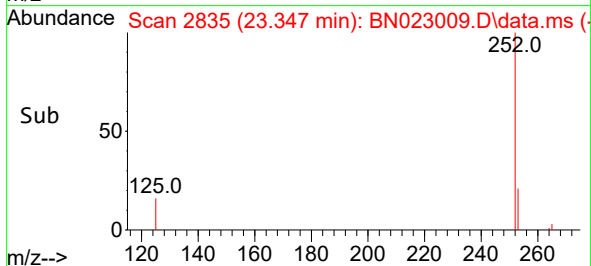
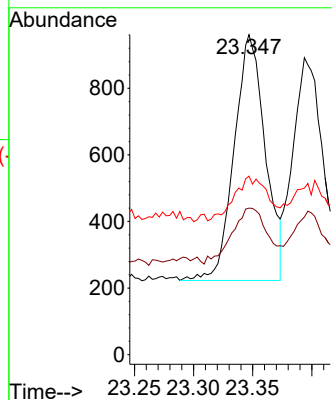
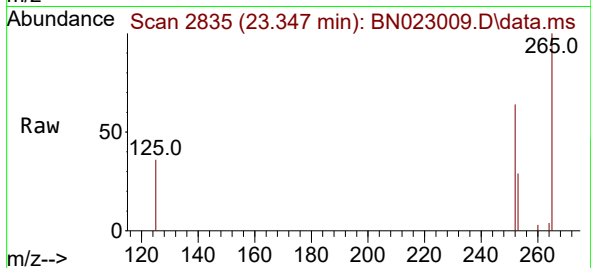
Tgt Ion:252 Resp: 1347

Ion Ratio Lower Upper

252 100

253 45.8 18.5 27.7#

125 55.8 10.8 16.2#



#38

Benzo(k)fluoranthene

Concen: 0.037 ng

RT: 23.394 min Scan# 2851

Delta R.T. -0.006 min

Lab File: BN023009.D

Acq: 01 Dec 2022 07:48

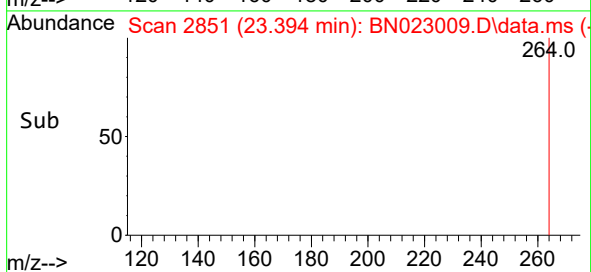
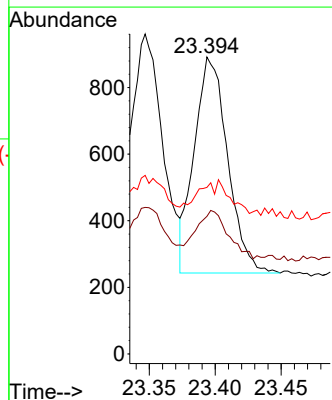
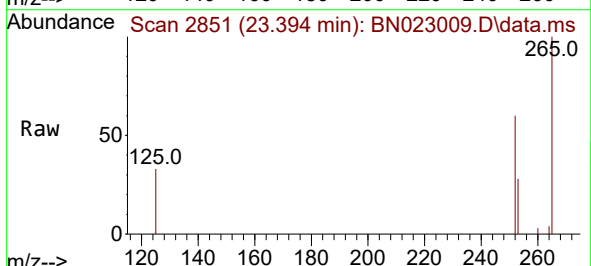
Tgt Ion:252 Resp: 1142

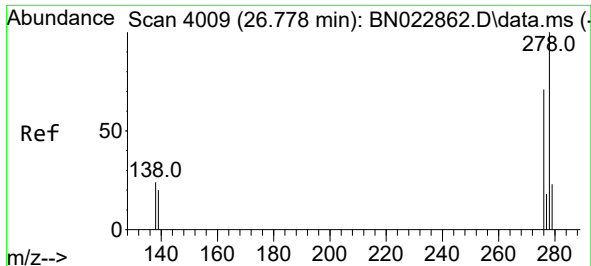
Ion Ratio Lower Upper

252 100

253 46.3 18.6 27.8#

125 56.1 11.0 16.4#

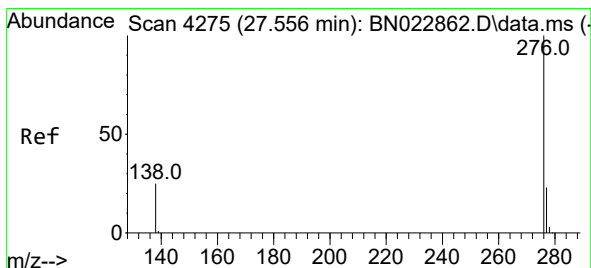
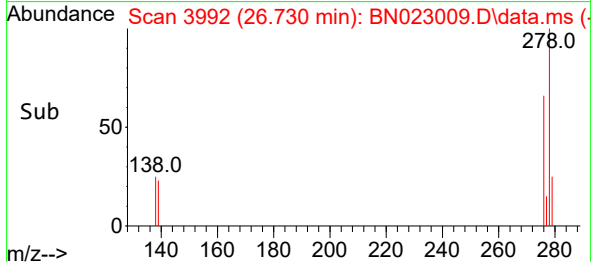
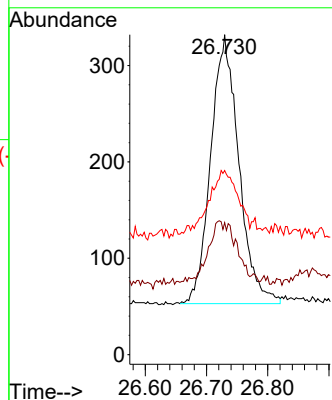
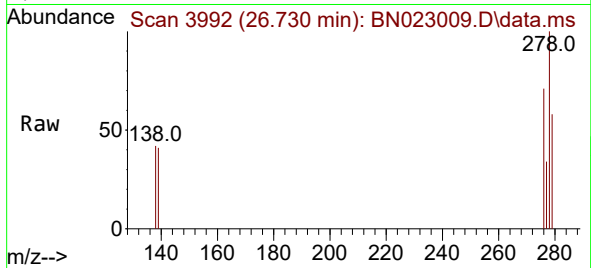




#40
Dibenzo(a,h)anthracene
Concen: 0.042 ng
RT: 26.730 min Scan# 3992
Delta R.T. -0.009 min
Lab File: BN023009.D
Acq: 01 Dec 2022 07:48

Instrument :
BNA_N
ClientSampleId :
TT17411-20221121

Tgt Ion:278 Resp: 886
Ion Ratio Lower Upper
278 100
139 41.3 17.4 26.0#
279 57.5 20.0 30.0#



#41
Benzo(g,h,i)perylene
Concen: 0.037 ng
RT: 27.513 min Scan# 4260
Delta R.T. 0.000 min
Lab File: BN023009.D
Acq: 01 Dec 2022 07:48

Tgt Ion:276 Resp: 838
Ion Ratio Lower Upper
276 100
277 40.5 19.7 29.5#
138 46.0 21.4 32.2#

