

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101322\
 Data File : BN022080.D
 Acq On : 13 Oct 2022 09:58
 Operator : CG/JU
 Sample : PB148293BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB148293BL

Quant Time: Oct 14 08:47:04 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 13 01:51:34 2022
 Response via : Initial Calibration

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

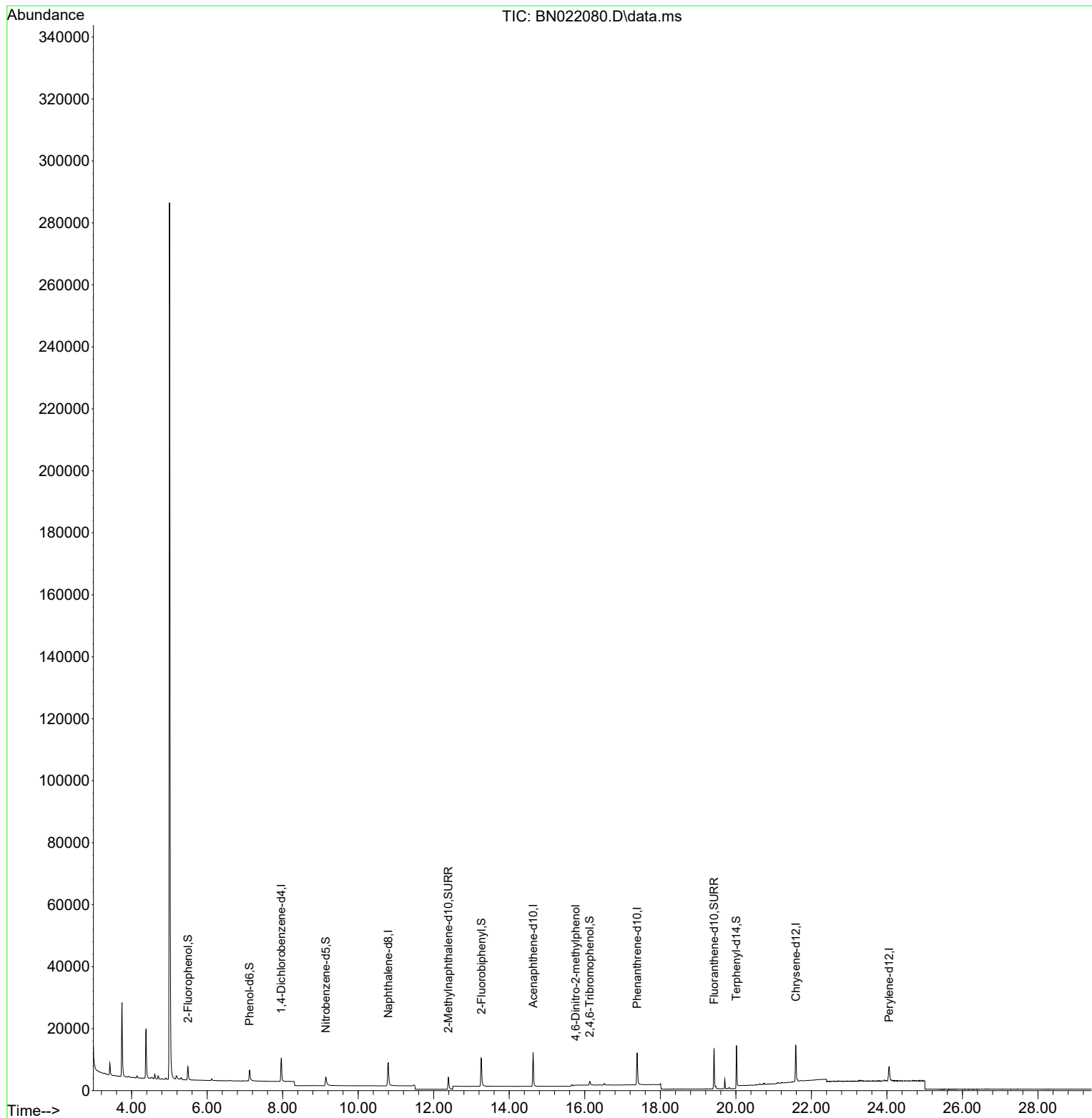
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.964	152	4165	0.400	ng	0.00
7) Naphthalene-d8	10.795	136	12105	0.400	ng	0.00
13) Acenaphthene-d10	14.632	164	6477	0.400	ng	0.00
19) Phenanthrene-d10	17.387	188	14849	0.400	ng	# 0.00
29) Chrysene-d12	21.591	240	12323	0.400	ng	0.00
35) Perylene-d12	24.055	264	7550	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.494	112	4021	0.417	ng	0.00
5) Phenol-d6	7.126	99	4617	0.369	ng	0.00
8) Nitrobenzene-d5	9.140	82	3481	0.358	ng	0.00
11) 2-Methylnaphthalene-d10	12.387	152	7336	0.330	ng	0.00
14) 2,4,6-Tribromophenol	16.134	330	889	0.360	ng	0.00
15) 2-Fluorobiphenyl	13.263	172	10329	0.365	ng	0.00
27) Fluoranthene-d10	19.424	212	14670	0.372	ng	0.00
31) Terphenyl-d14	20.015	244	9322	0.376	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.761	198	1	0.192	ng	# 1

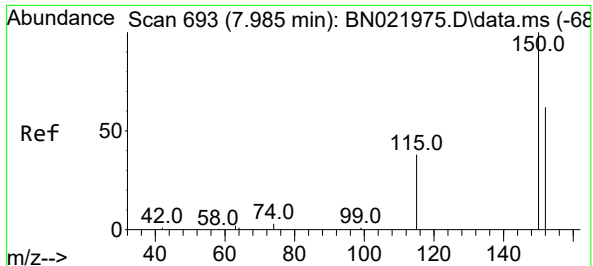
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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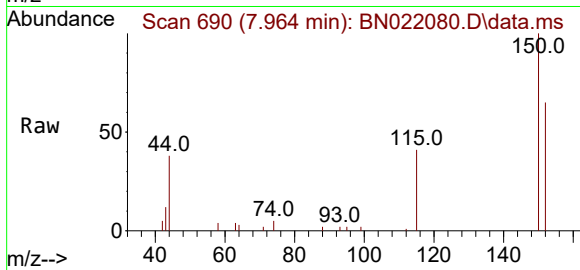
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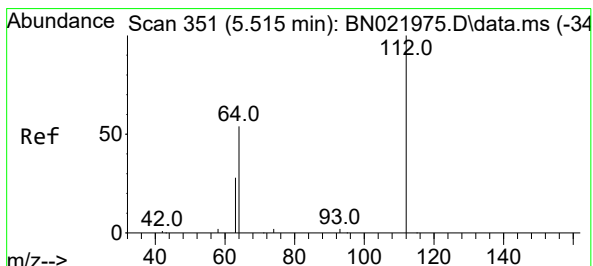
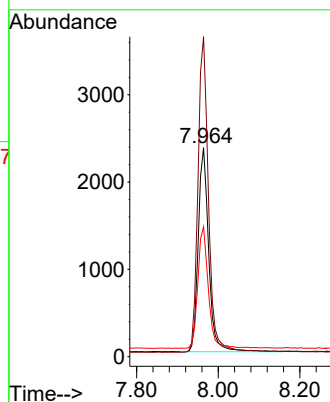
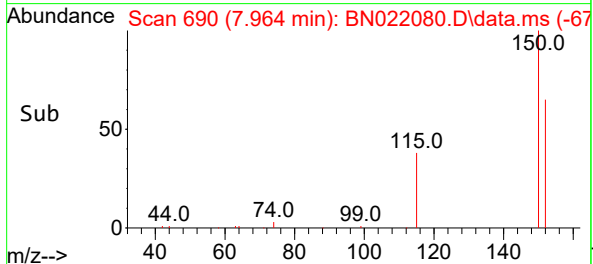


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.964 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN022080.D
Acq: 13 Oct 2022 09:58

Instrument :
BNA_N
ClientSampleId :
PB148293BL

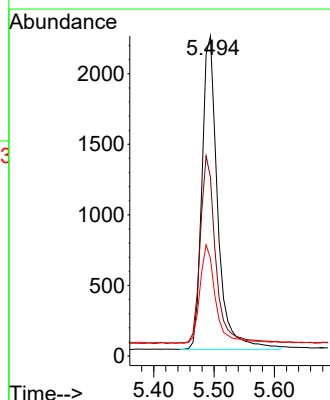
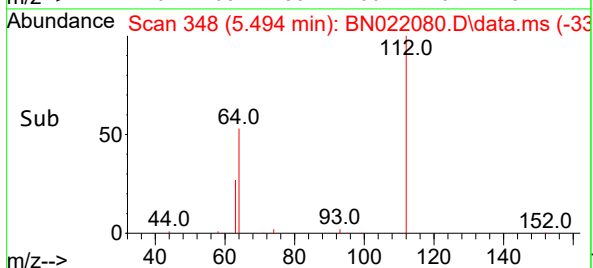
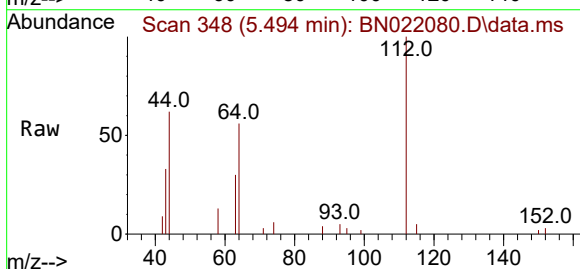


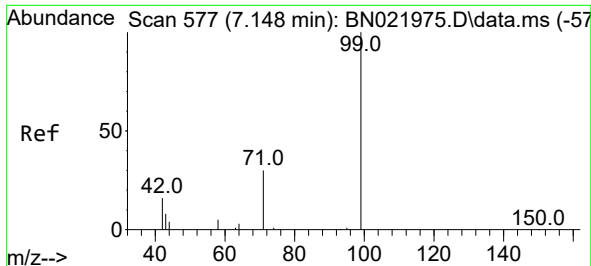
Tgt Ion:152 Resp: 4165
Ion Ratio Lower Upper
152 100
150 153.1 127.2 190.8
115 62.1 51.4 77.0



#4
2-Fluorophenol
Concen: 0.417 ng
RT: 5.494 min Scan# 348
Delta R.T. 0.000 min
Lab File: BN022080.D
Acq: 13 Oct 2022 09:58

Tgt Ion:112 Resp: 4021
Ion Ratio Lower Upper
112 100
64 59.3 46.9 70.3
63 31.2 24.6 37.0

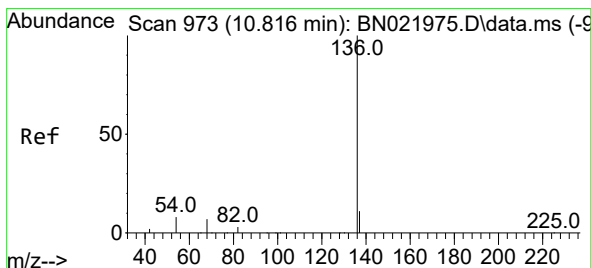
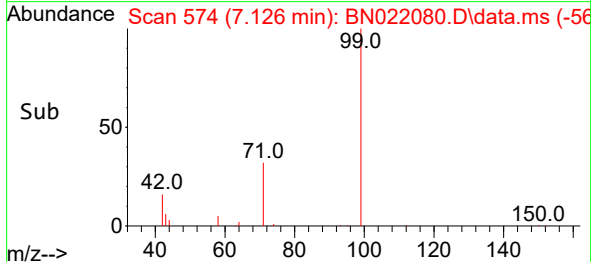
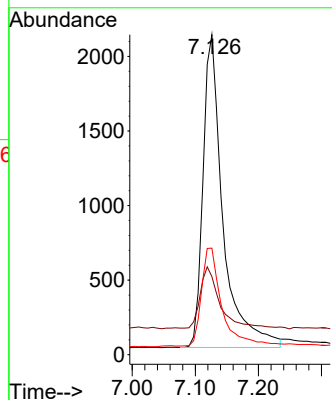
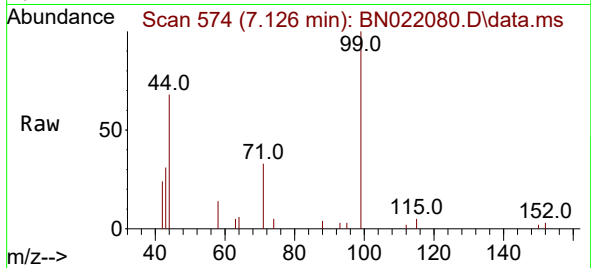




#5
Phenol-d6
Concen: 0.369 ng
RT: 7.126 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN022080.D
Acq: 13 Oct 2022 09:58

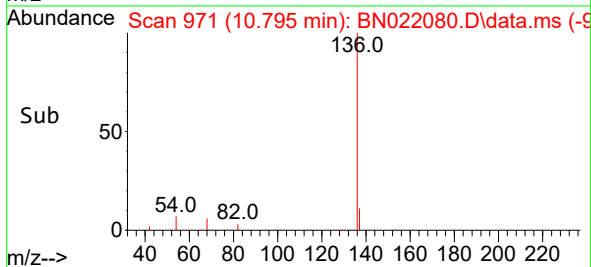
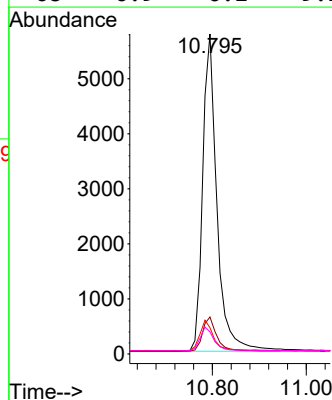
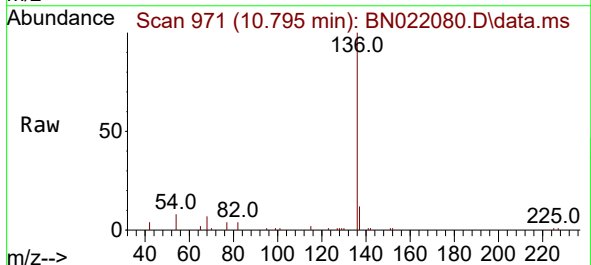
Instrument :
BNA_N
ClientSampleId :
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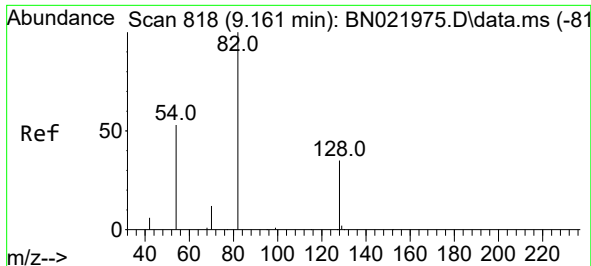
Tgt Ion: 99 Resp: 4617
Ion Ratio Lower Upper
99 100
42 19.1 15.9 23.9
71 32.1 25.6 38.4



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.795 min Scan# 971
Delta R.T. 0.000 min
Lab File: BN022080.D
Acq: 13 Oct 2022 09:58

Tgt Ion: 136 Resp: 12105
Ion Ratio Lower Upper
136 100
137 11.6 9.2 13.8
54 8.2 7.1 10.7
68 6.9 6.2 9.2

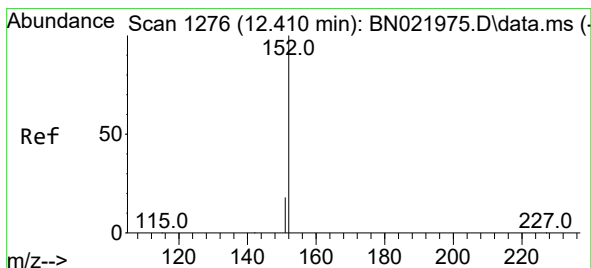
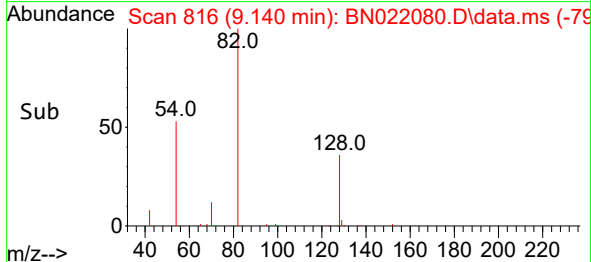
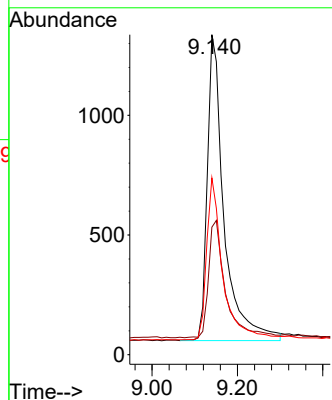
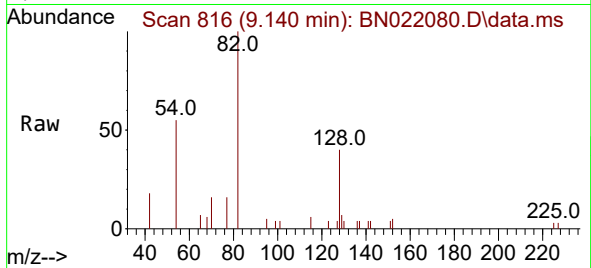




#8
Nitrobenzene-d5
Concen: 0.358 ng
RT: 9.140 min Scan# 81
Delta R.T. 0.000 min
Lab File: BN022080.D
Acq: 13 Oct 2022 09:58

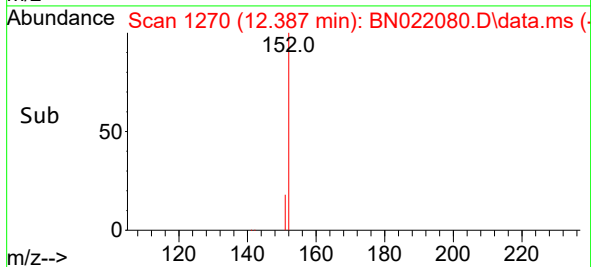
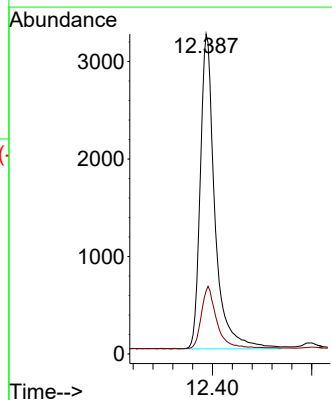
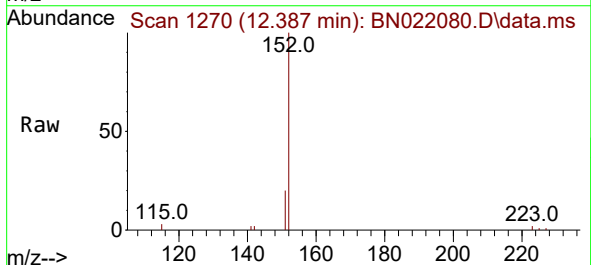
Instrument :
BNA_N
ClientSampleId :
PB148293BL

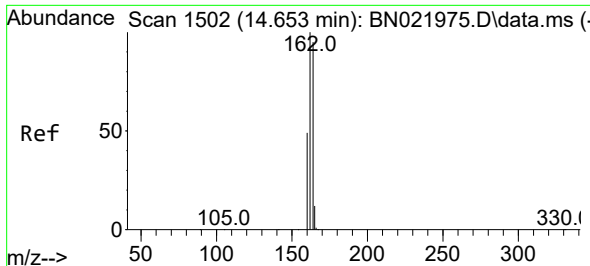
Tgt Ion: 82 Resp: 3481
Ion Ratio Lower Upper
82 100
128 39.9 29.9 44.9
54 55.3 43.5 65.3



#11
2-Methylnaphthalene-d10
Concen: 0.330 ng
RT: 12.387 min Scan# 1270
Delta R.T. -0.004 min
Lab File: BN022080.D
Acq: 13 Oct 2022 09:58

Tgt Ion: 152 Resp: 7336
Ion Ratio Lower Upper
152 100
151 18.8 13.8 20.6

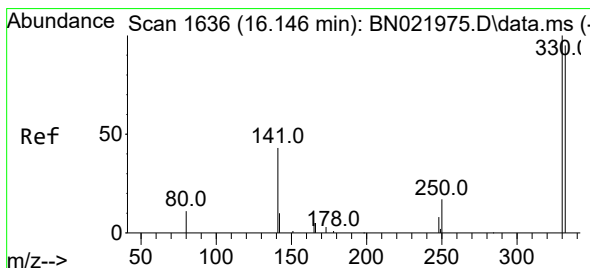
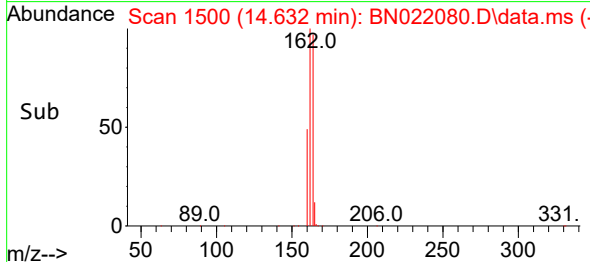
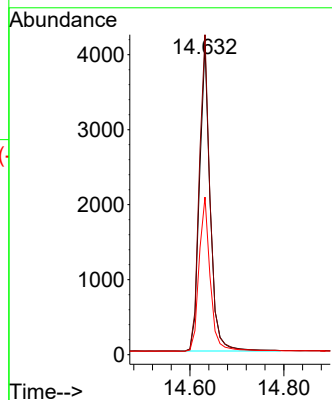
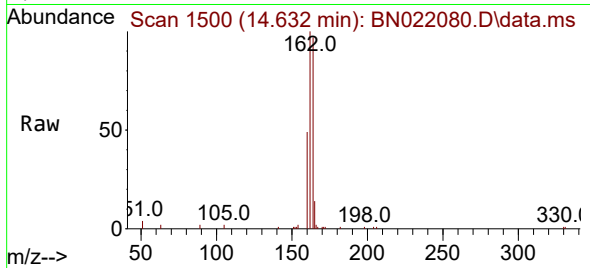




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.632 min Scan# 1500
Delta R.T. 0.000 min
Lab File: BN022080.D
Acq: 13 Oct 2022 09:58

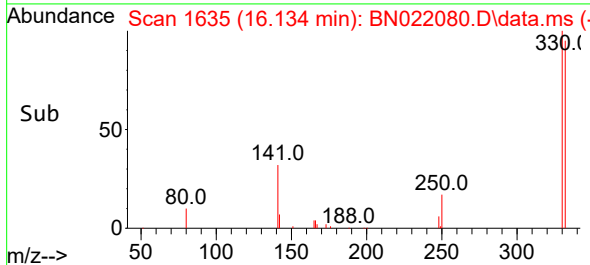
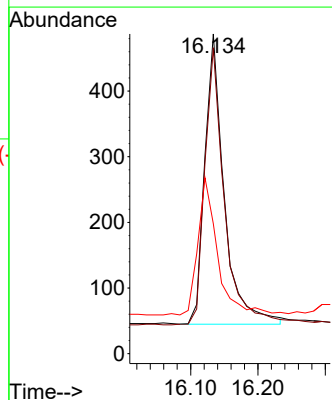
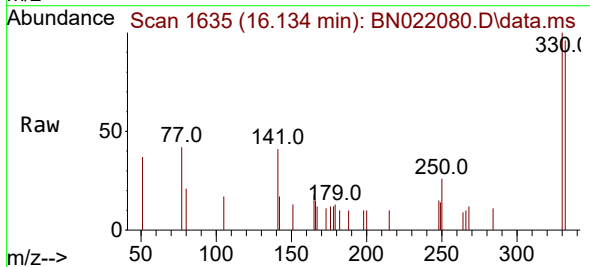
Instrument :
BNA_N
ClientSampleId :
PB148293BL

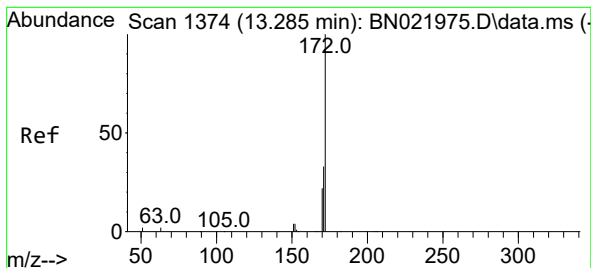
Tgt Ion:164 Resp: 6477
Ion Ratio Lower Upper
164 100
162 103.3 84.3 126.5
160 50.8 41.7 62.5



#14
2,4,6-Tribromophenol
Concen: 0.360 ng
RT: 16.134 min Scan# 1635
Delta R.T. 0.000 min
Lab File: BN022080.D
Acq: 13 Oct 2022 09:58

Tgt Ion:330 Resp: 889
Ion Ratio Lower Upper
330 100
332 96.1 77.0 115.4
141 47.7 35.3 52.9





#15

2-Fluorobiphenyl

Concen: 0.365 ng

RT: 13.263 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN022080.D

Acq: 13 Oct 2022 09:58

Instrument :

BNA_N

ClientSampleId :

PB148293BL

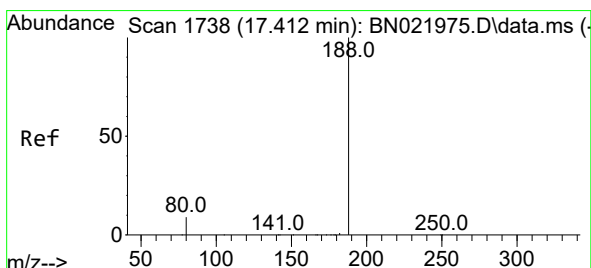
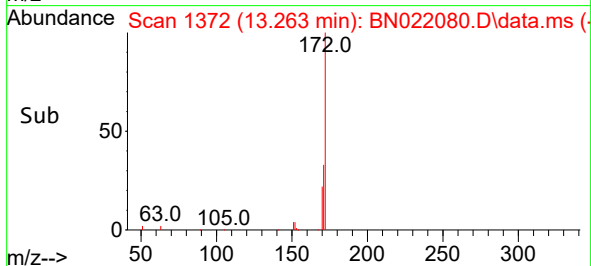
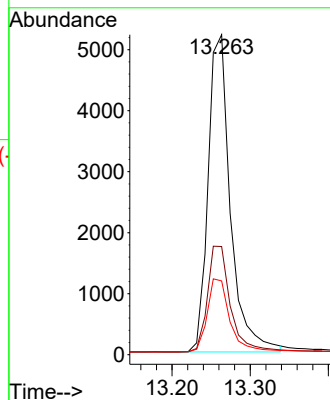
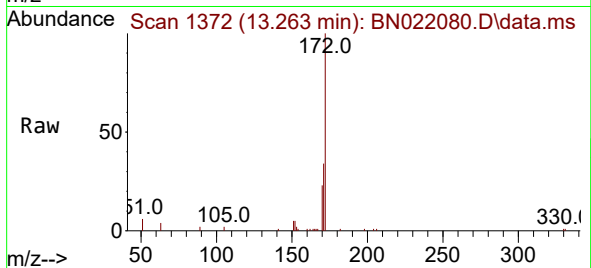
Tgt Ion:172 Resp: 10329

Ion Ratio Lower Upper

172 100

171 33.8 27.2 40.8

170 23.1 18.3 27.5



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.387 min Scan# 1736

Delta R.T. 0.000 min

Lab File: BN022080.D

Acq: 13 Oct 2022 09:58

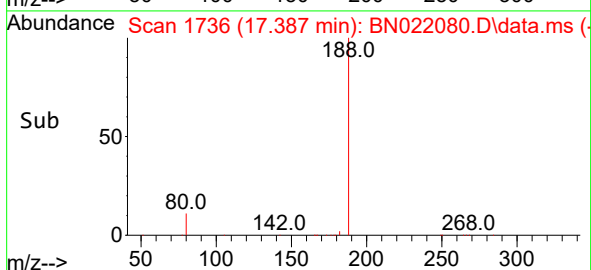
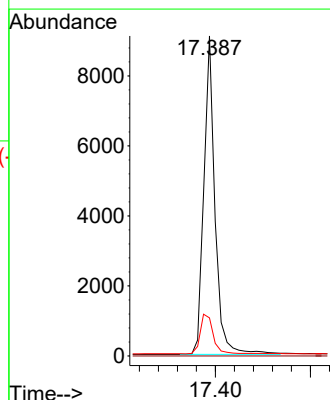
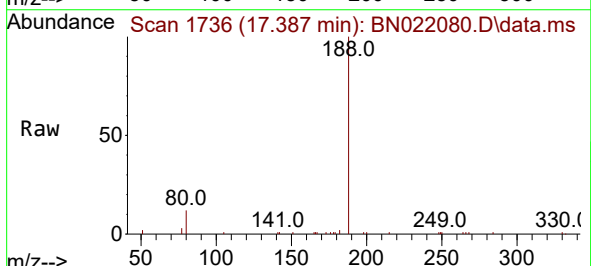
Tgt Ion:188 Resp: 14849

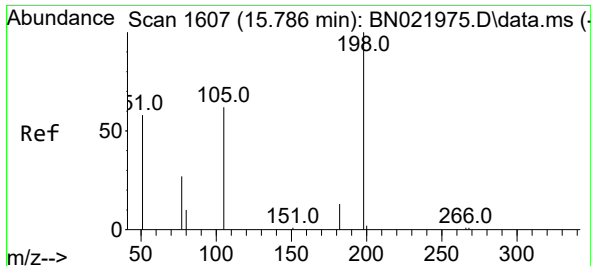
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.9 7.5 11.3#

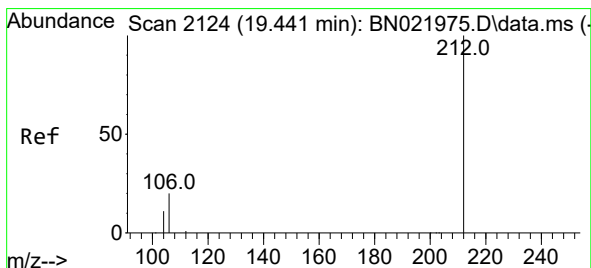
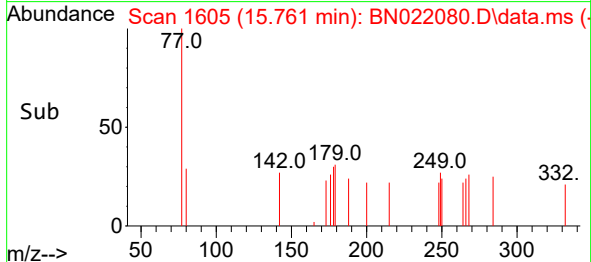
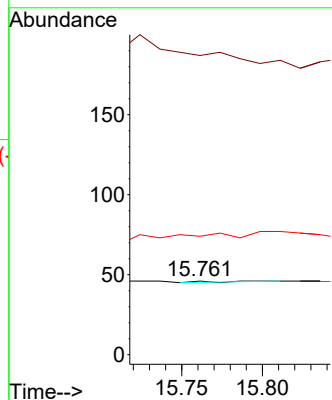
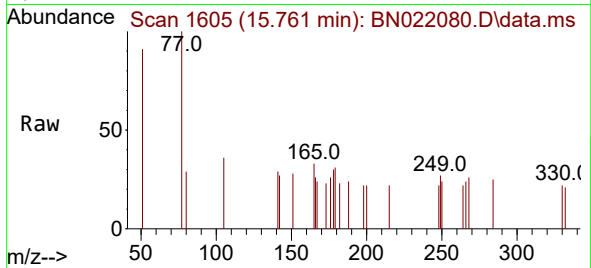




#20
4,6-Dinitro-2-methylphenol
Concen: 0.192 ng
RT: 15.761 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN022080.D
Acq: 13 Oct 2022 09:58

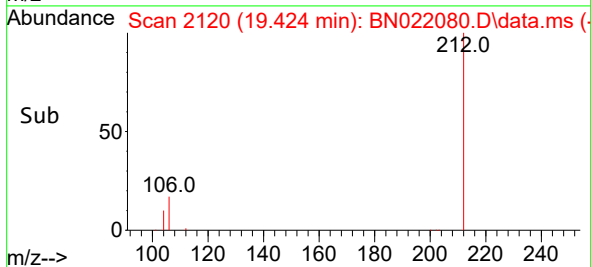
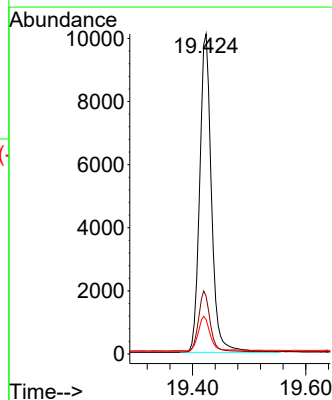
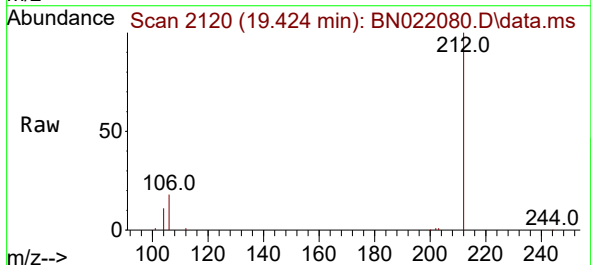
Instrument :
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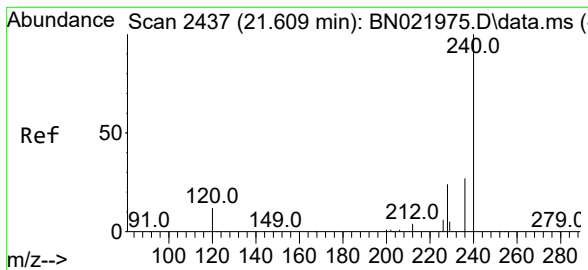
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 406.5 96.6 144.8#
105 160.9 64.4 96.6#



#27
Fluoranthene-d10
Concen: 0.372 ng
RT: 19.424 min Scan# 2120
Delta R.T. -0.004 min
Lab File: BN022080.D
Acq: 13 Oct 2022 09:58

Tgt Ion:212 Resp: 14670
Ion Ratio Lower Upper
212 100
106 19.0 15.2 22.8
104 10.6 8.6 13.0





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.591 min Scan# 2435

Delta R.T. 0.000 min

Lab File: BN022080.D

Acq: 13 Oct 2022 09:58

Instrument :

BNA_N

ClientSampleId :

PB148293BL

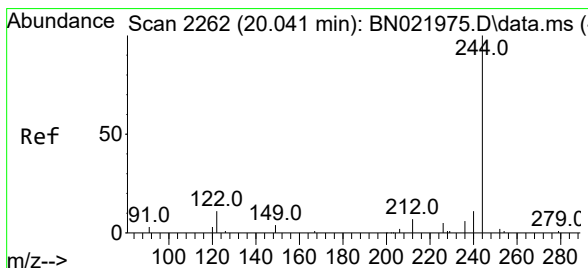
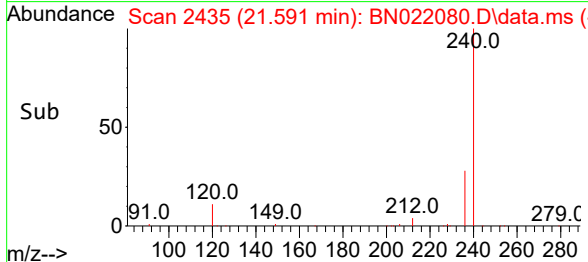
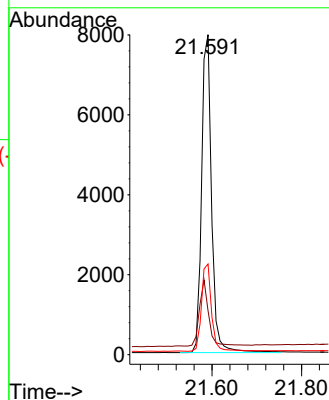
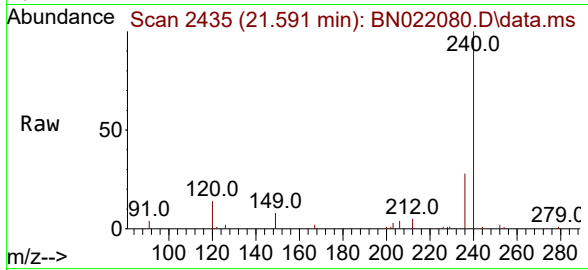
Tgt Ion:240 Resp: 12323

Ion Ratio Lower Upper

240 100

120 13.8 11.8 17.6

236 28.3 22.4 33.6



#31

Terphenyl-d14

Concen: 0.376 ng

RT: 20.015 min Scan# 2259

Delta R.T. -0.009 min

Lab File: BN022080.D

Acq: 13 Oct 2022 09:58

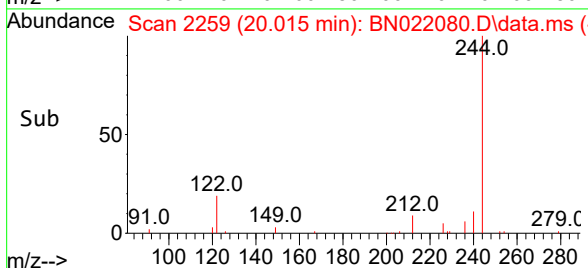
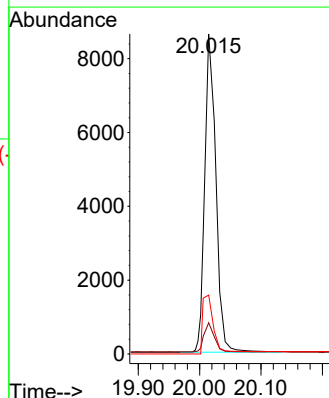
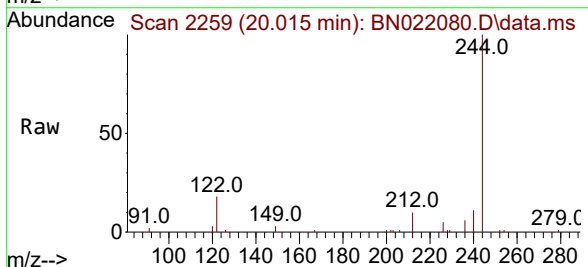
Tgt Ion:244 Resp: 9322

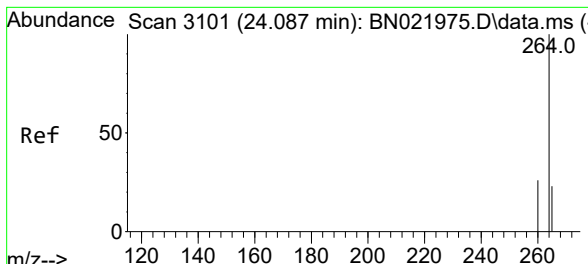
Ion Ratio Lower Upper

244 100

212 9.7 6.5 9.7#

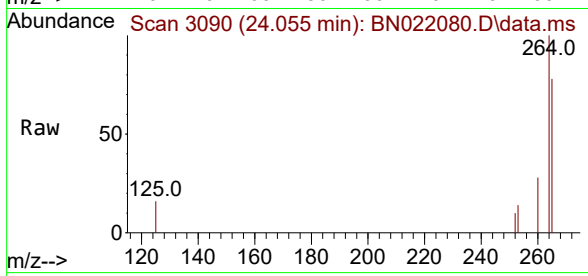
122 18.4 9.1 13.7#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.055 min Scan# 30
 Delta R.T. -0.006 min
 Lab File: BN022080.D
 Acq: 13 Oct 2022 09:58

Instrument :
 BNA_N
 ClientSampleId :
 PB148293BL



Tgt Ion:264 Resp: 7550

Ion	Ratio	Lower	Upper
264	100		
260	28.1	21.3	31.9
265	78.3	63.0	94.4

