

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031523\
 Data File : BN024292.D
 Acq On : 15 Mar 2023 14:18
 Operator : CG/JU
 Sample : 01843-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP04-20230306

Quant Time: Mar 16 01:18:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 16 01:06:57 2023
 Response via : Initial Calibration

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

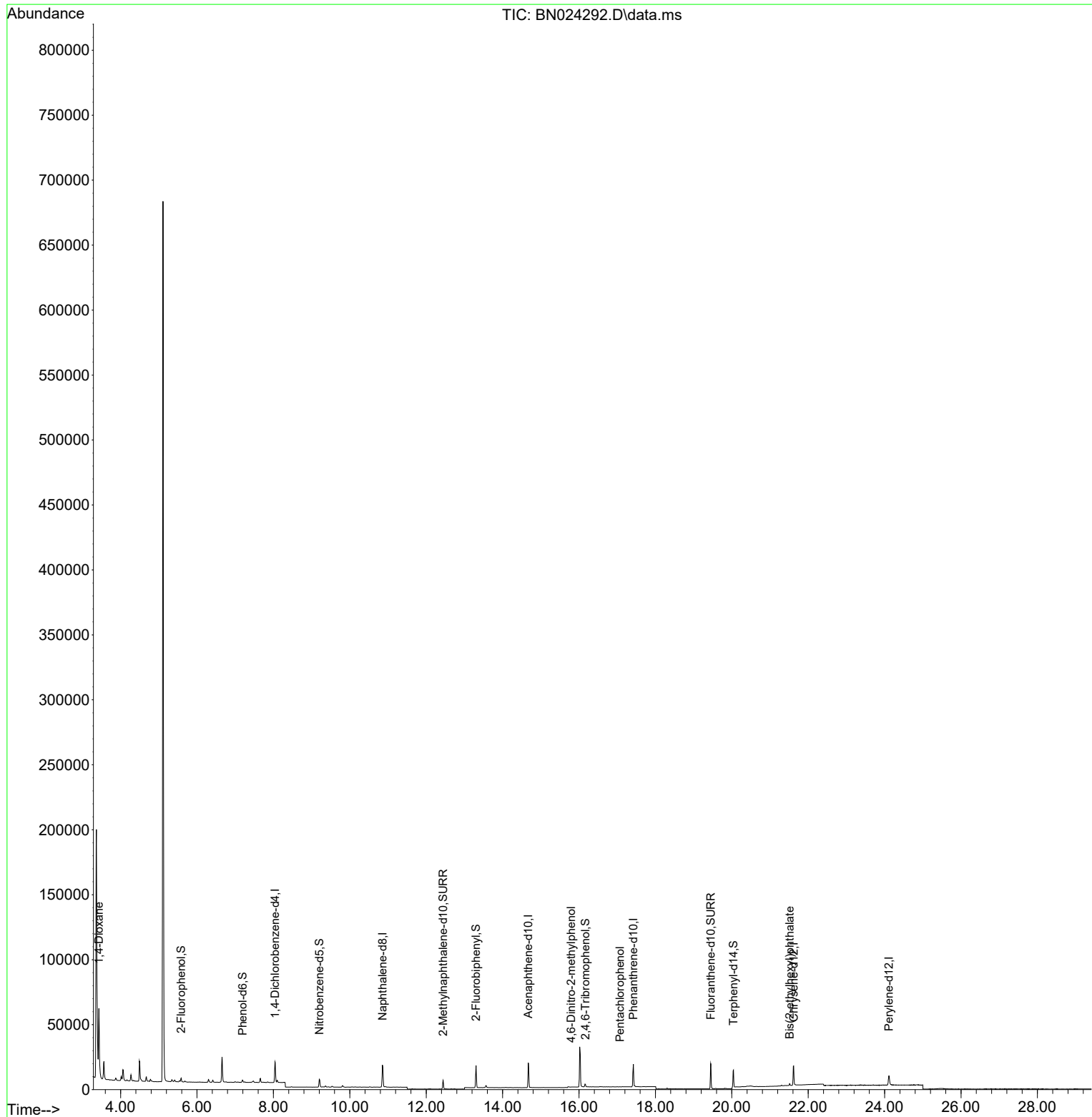
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.047	152	7623	0.400	ng	0.00
7) Naphthalene-d8	10.856	136	22258	0.400	ng	# 0.00
13) Acenaphthene-d10	14.672	164	10666	0.400	ng	0.00
19) Phenanthrene-d10	17.421	188	21872	0.400	ng	0.00
29) Chrysene-d12	21.619	240	15386	0.400	ng	0.00
35) Perylene-d12	24.112	264	11742	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.584	112	2249	0.133	ng	0.00
5) Phenol-d6	7.195	99	1622	0.075	ng	0.00
8) Nitrobenzene-d5	9.201	82	5165	0.347	ng	0.00
11) 2-Methylnaphthalene-d10	12.441	152	8731	0.319	ng	0.00
14) 2,4,6-Tribromophenol	16.168	330	1340	0.246	ng	0.00
15) 2-Fluorobiphenyl	13.303	172	13778	0.342	ng	0.00
27) Fluoranthene-d10	19.451	212	19759	0.426	ng	0.00
31) Terphenyl-d14	20.043	244	11319	0.436	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.432	88	32660	3.938	ng	96
20) 4,6-Dinitro-2-methylph...	15.795	198	5	0.179	ng	# 1
24) Pentachlorophenol	17.074	266	34	0.132	ng	# 89
34) Bis(2-ethylhexyl)phtha...	21.512	149	1413	0.058	ng	96

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

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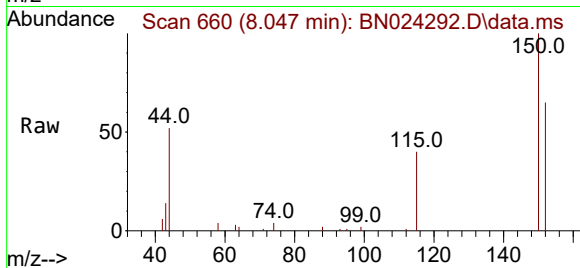
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 16 01:06:57 2023
Response via : Initial Calibration



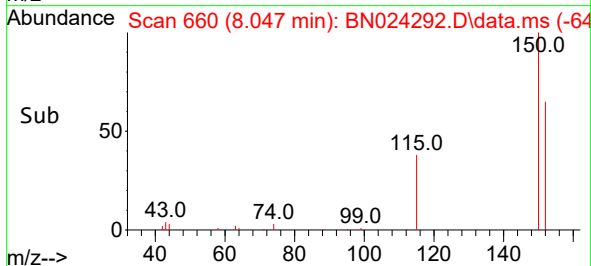
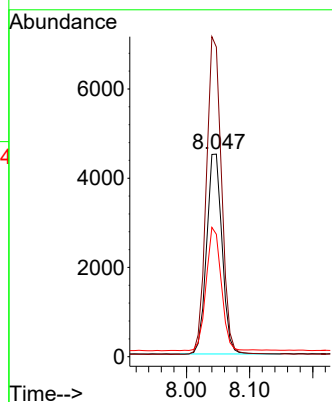


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.047 min Scan# 60
 Delta R.T. 0.007 min
 Lab File: BN024292.D
 Acq: 15 Mar 2023 14:18

Instrument :
 BNA_N
 ClientSampleId :
 DUP04-20230306

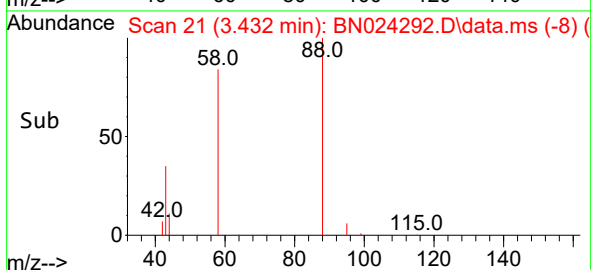
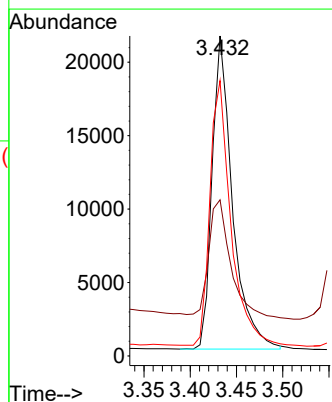
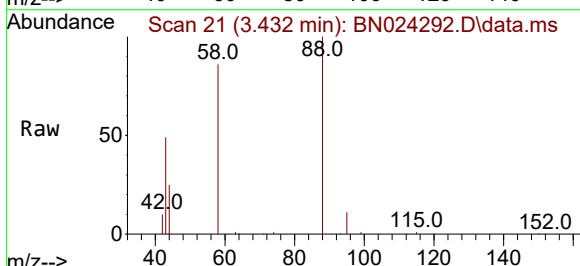


Tgt Ion:152 Resp: 7623
 Ion Ratio Lower Upper
 152 100
 150 152.9 124.7 187.1
 115 60.5 49.1 73.7



#2
 1,4-Dioxane
 Concen: 3.938 ng
 RT: 3.432 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BN024292.D
 Acq: 15 Mar 2023 14:18

Tgt Ion: 88 Resp: 32660
 Ion Ratio Lower Upper
 88 100
 43 40.6 29.0 43.4
 58 86.3 67.3 100.9





#4

2-Fluorophenol

Concen: 0.133 ng

RT: 5.584 min Scan# 319

Delta R.T. 0.000 min

Lab File: BN024292.D

Acq: 15 Mar 2023 14:18

Instrument :

BNA_N

ClientSampleId :

DUP04-20230306

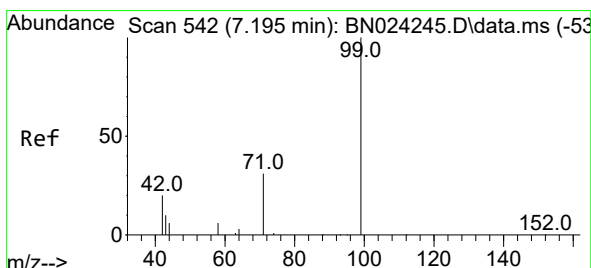
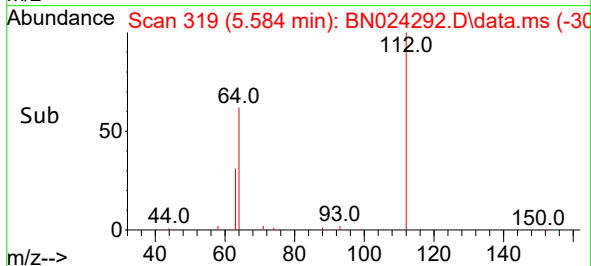
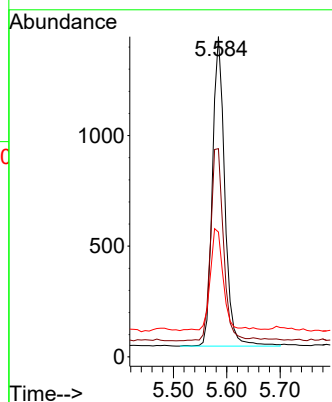
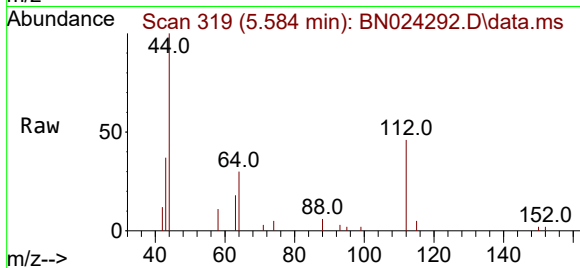
Tgt Ion:112 Resp: 2249

Ion Ratio Lower Upper

112 100

64 64.9 49.0 73.6

63 35.5 25.7 38.5



#5

Phenol-d6

Concen: 0.075 ng

RT: 7.195 min Scan# 542

Delta R.T. 0.007 min

Lab File: BN024292.D

Acq: 15 Mar 2023 14:18

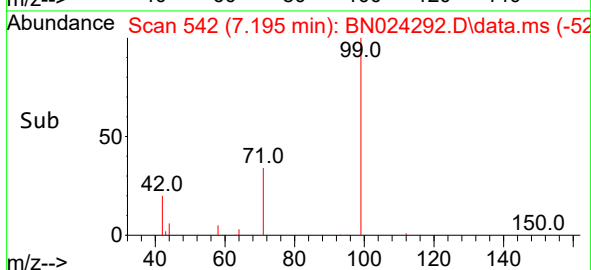
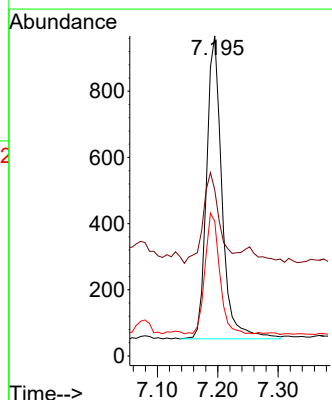
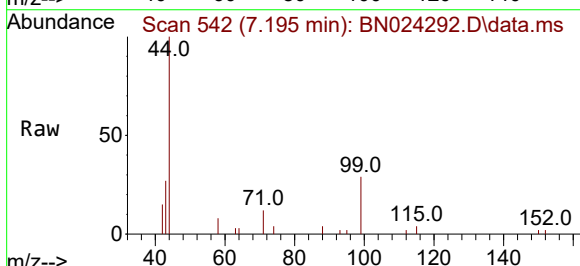
Tgt Ion: 99 Resp: 1622

Ion Ratio Lower Upper

99 100

42 31.8 20.1 30.1#

71 37.7 25.8 38.8

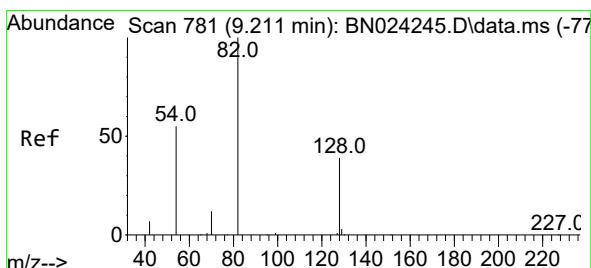
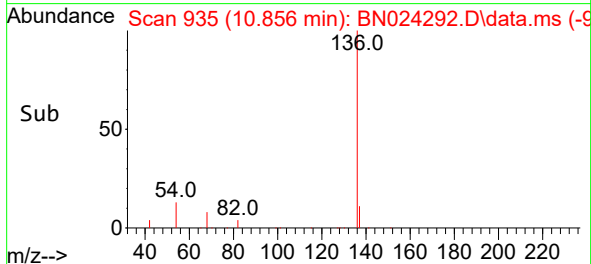
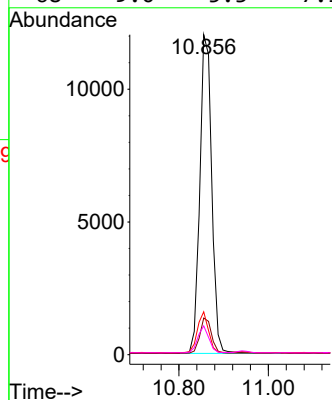
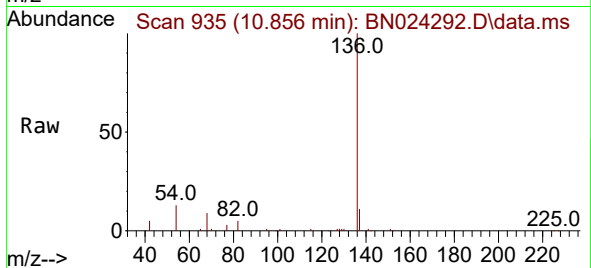




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.856 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN024292.D
Acq: 15 Mar 2023 14:18

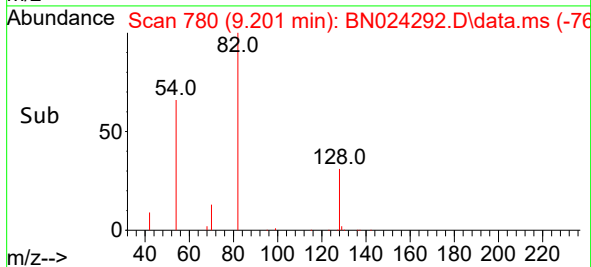
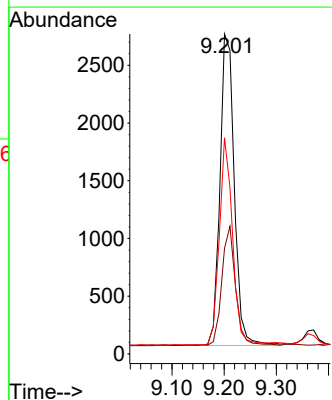
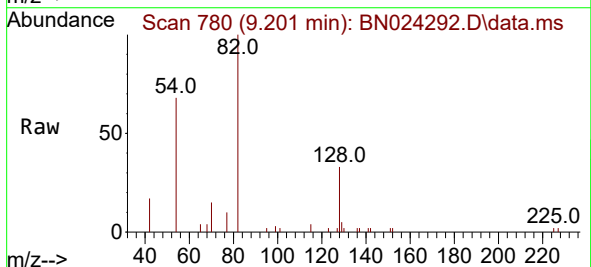
Instrument :
BNA_N
ClientSampleId :
DUP04-20230306

Tgt Ion:	136	Resp:	22258
Ion Ratio	Lower	Upper	
136	100		
137	11.5	8.9	13.3
54	13.4	7.1	10.7#
68	9.0	5.3	7.9#



#8
Nitrobenzene-d5
Concen: 0.347 ng
RT: 9.201 min Scan# 780
Delta R.T. 0.000 min
Lab File: BN024292.D
Acq: 15 Mar 2023 14:18

Tgt Ion:	82	Resp:	5165
Ion Ratio	Lower	Upper	
82	100		
128	33.0	32.4	48.6
54	67.6	45.2	67.8





#11

2-Methylnaphthalene-d10

Concen: 0.319 ng

RT: 12.441 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN024292.D

Acq: 15 Mar 2023 14:18

Instrument :

BNA_N

ClientSampleId :

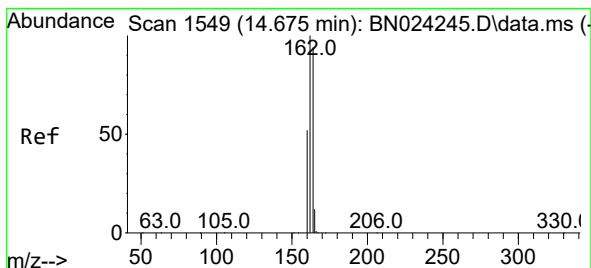
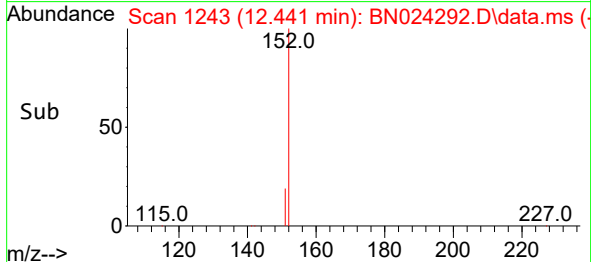
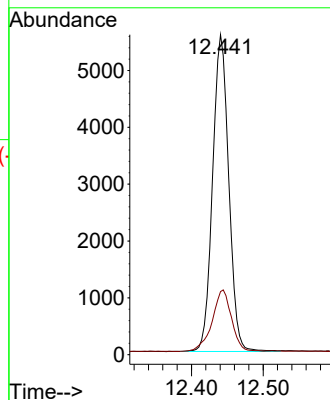
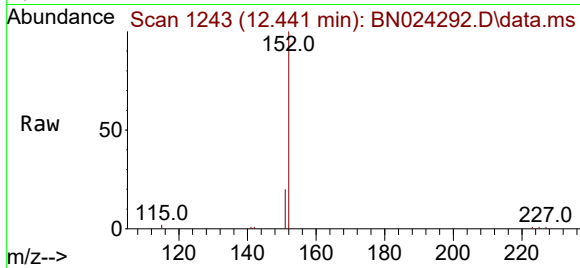
DUP04-20230306

Tgt Ion:152 Resp: 8731

Ion Ratio Lower Upper

152 100

151 23.3 16.8 25.2



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.672 min Scan# 1548

Delta R.T. -0.004 min

Lab File: BN024292.D

Acq: 15 Mar 2023 14:18

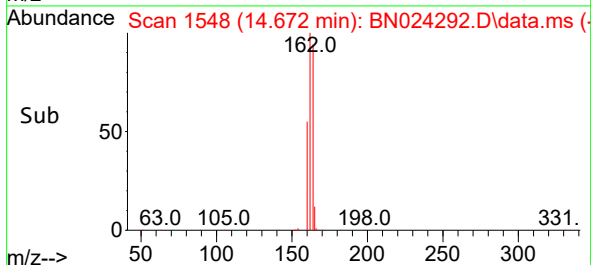
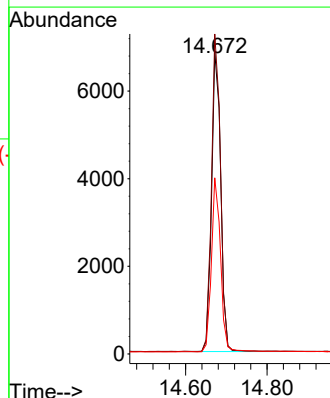
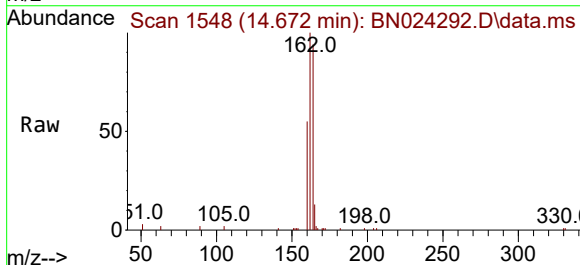
Tgt Ion:164 Resp: 10666

Ion Ratio Lower Upper

164 100

162 106.1 84.7 127.1

160 58.4 44.6 66.8

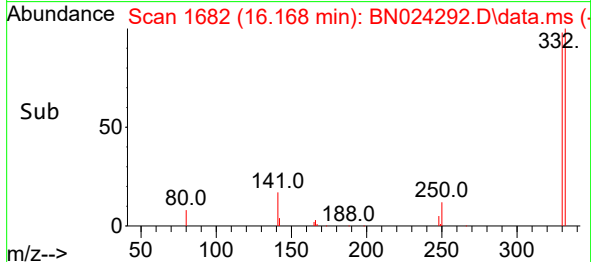
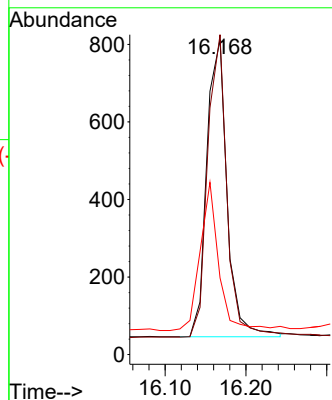
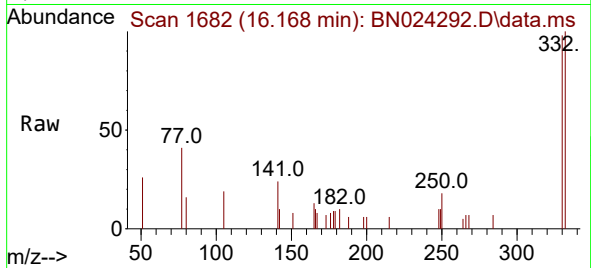




#14
2,4,6-Tribromophenol
Concen: 0.246 ng
RT: 16.168 min Scan# 1682
Delta R.T. 0.009 min
Lab File: BN024292.D
Acq: 15 Mar 2023 14:18

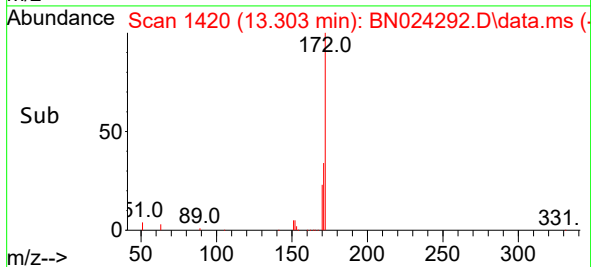
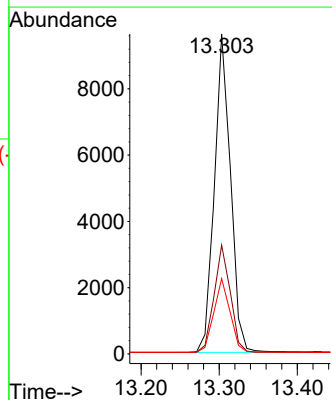
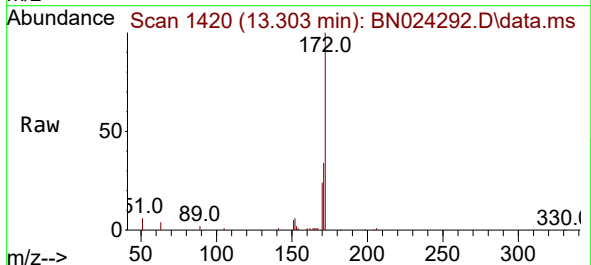
Instrument :
BNA_N
ClientSampleId :
DUP04-20230306

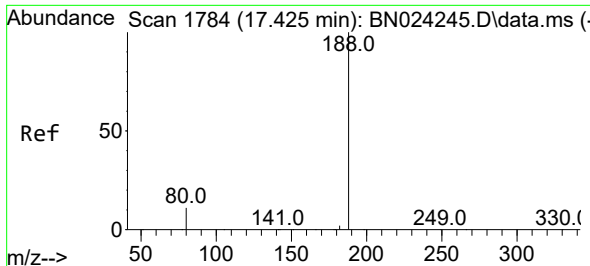
Tgt Ion: 330 Resp: 1340
Ion Ratio Lower Upper
330 100
332 97.6 78.0 117.0
141 46.6 30.8 46.2#



#15
2-Fluorobiphenyl
Concen: 0.342 ng
RT: 13.303 min Scan# 1420
Delta R.T. -0.004 min
Lab File: BN024292.D
Acq: 15 Mar 2023 14:18

Tgt Ion: 172 Resp: 13778
Ion Ratio Lower Upper
172 100
171 34.0 27.8 41.8
170 23.6 19.0 28.6

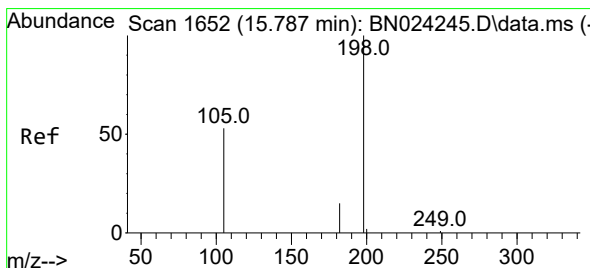
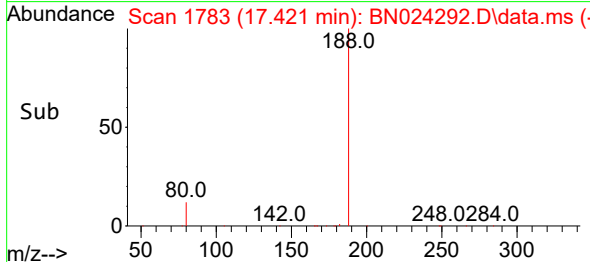
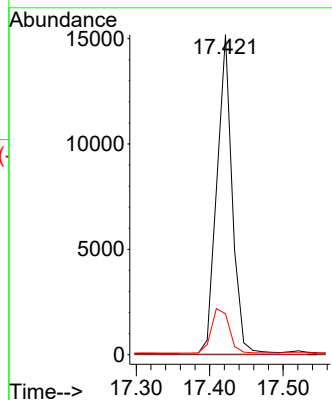
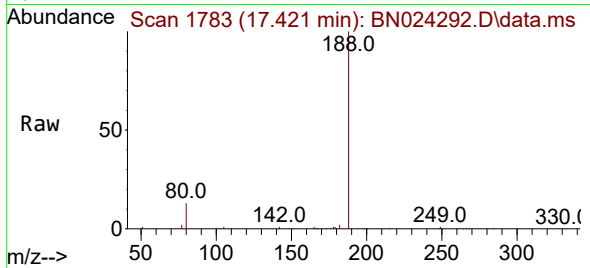




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.421 min Scan# 1784
Delta R.T. -0.004 min
Lab File: BN024292.D
Acq: 15 Mar 2023 14:18

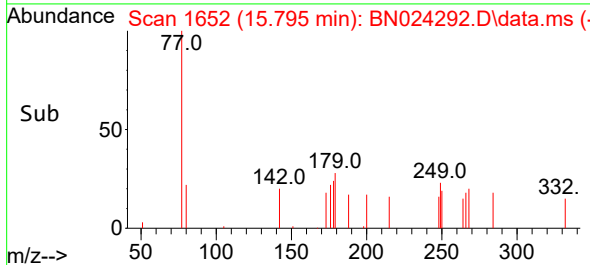
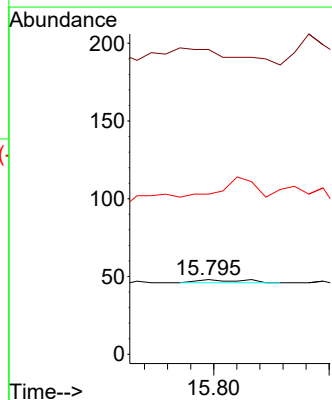
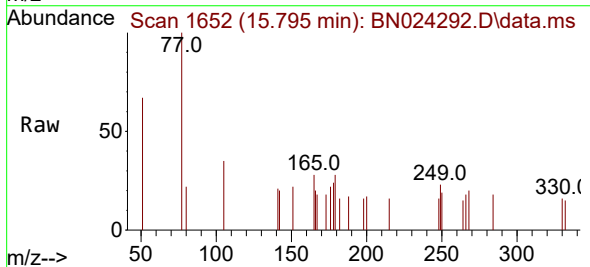
Instrument :
BNA_N
ClientSampleId :
DUP04-20230306

Tgt Ion:188 Resp: 21872
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.8 8.9 13.3



#20
4,6-Dinitro-2-methylphenol
Concen: 0.179 ng
RT: 15.795 min Scan# 1652
Delta R.T. 0.009 min
Lab File: BN024292.D
Acq: 15 Mar 2023 14:18

Tgt Ion:198 Resp: 5
Ion Ratio Lower Upper
198 100
51 408.3 68.2 102.2#
105 214.6 51.6 77.4#





#24

Pentachlorophenol

Concen: 0.132 ng

RT: 17.074 min Scan# 1

Delta R.T. 0.009 min

Lab File: BN024292.D

Acq: 15 Mar 2023 14:18

Instrument :

BNA_N

ClientSampleId :

DUP04-20230306

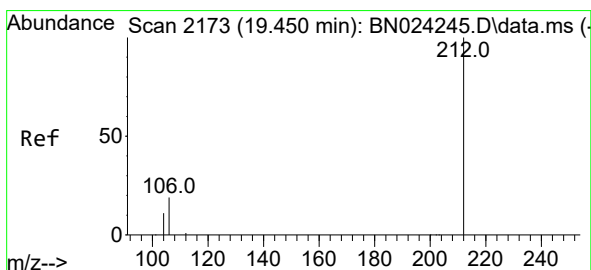
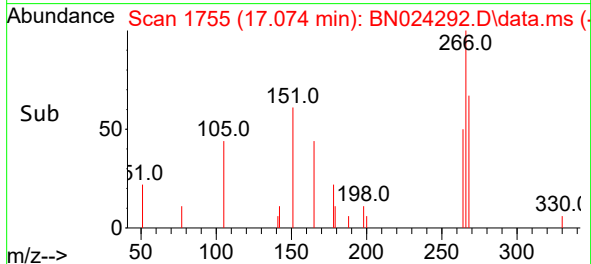
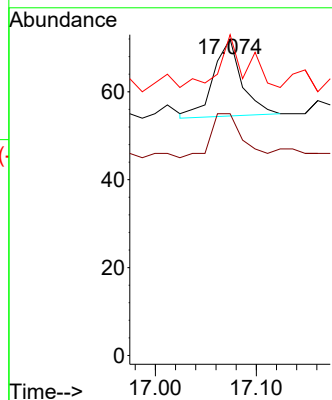
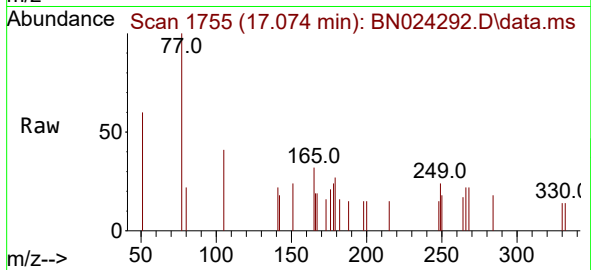
Tgt Ion:266 Resp: 34

Ion Ratio Lower Upper

266 100

264 64.7 51.1 76.7

268 82.4 52.2 78.4#



#27

Fluoranthene-d10

Concen: 0.426 ng

RT: 19.451 min Scan# 2171

Delta R.T. 0.005 min

Lab File: BN024292.D

Acq: 15 Mar 2023 14:18

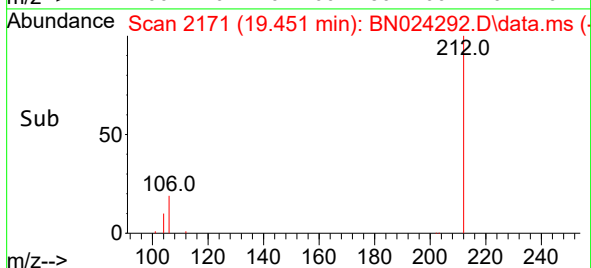
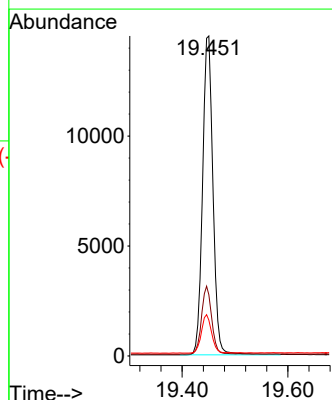
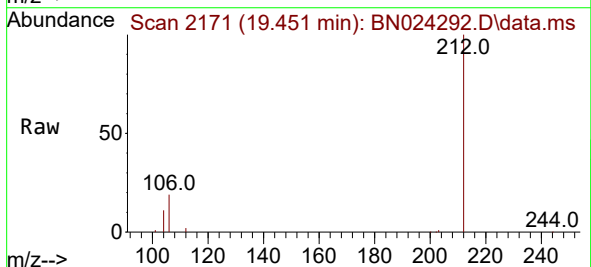
Tgt Ion:212 Resp: 19759

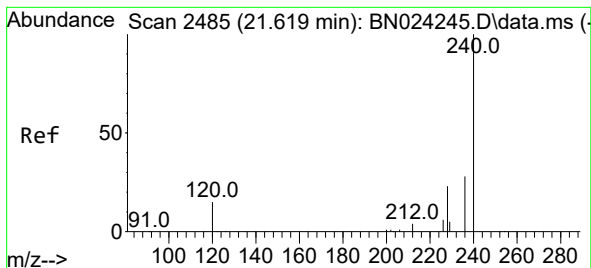
Ion Ratio Lower Upper

212 100

106 20.8 15.4 23.2

104 11.9 8.6 13.0





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.619 min Scan# 2485

Delta R.T. 0.009 min

Lab File: BN024292.D

Acq: 15 Mar 2023 14:18

Instrument :

BNA_N

ClientSampleId :

DUP04-20230306

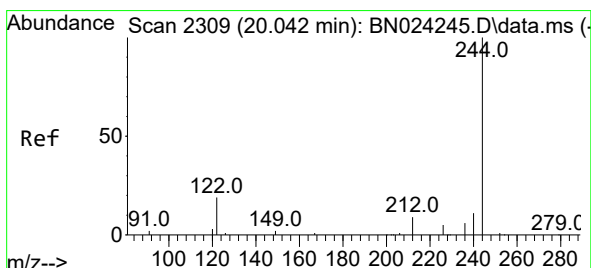
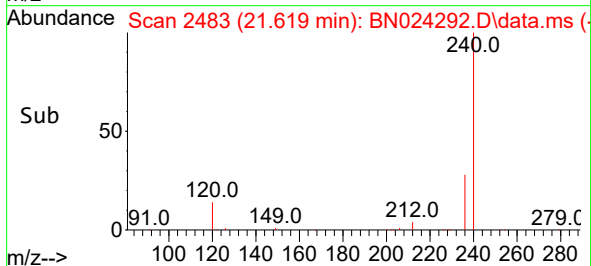
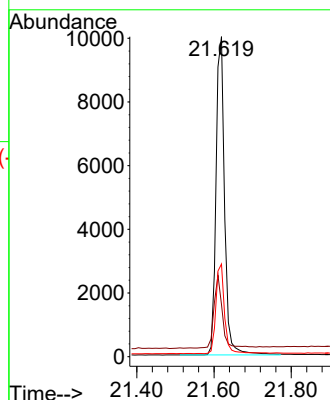
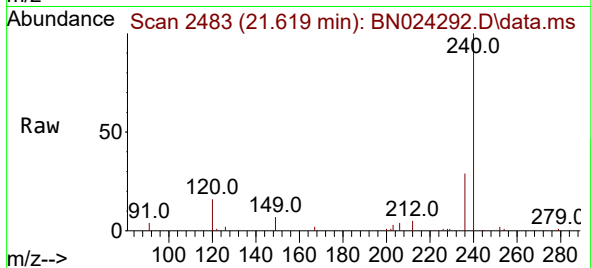
Tgt Ion:240 Resp: 15386

Ion Ratio Lower Upper

240 100

120 16.4 12.8 19.2

236 29.0 22.5 33.7



#31

Terphenyl-d14

Concen: 0.436 ng

RT: 20.043 min Scan# 2307

Delta R.T. 0.000 min

Lab File: BN024292.D

Acq: 15 Mar 2023 14:18

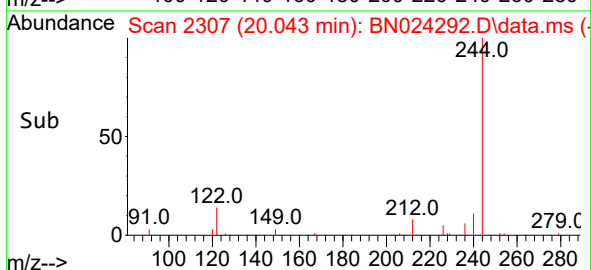
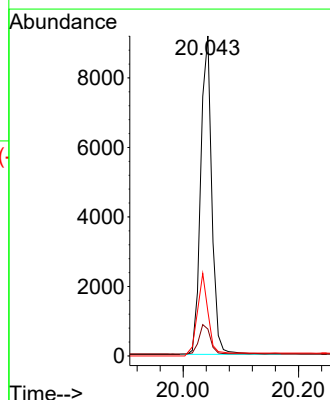
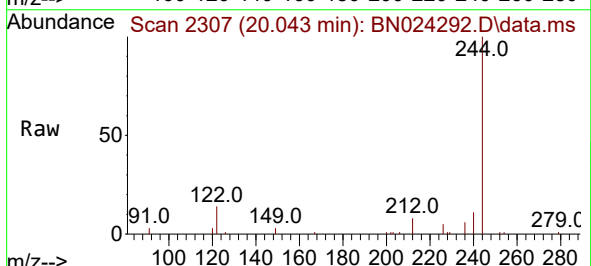
Tgt Ion:244 Resp: 11319

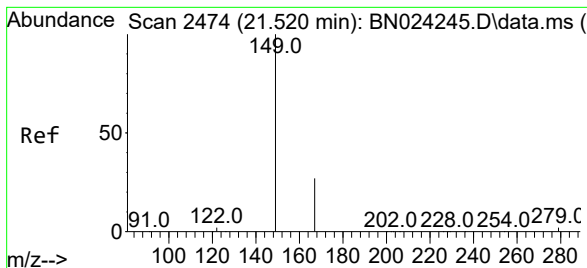
Ion Ratio Lower Upper

244 100

212 8.4 7.6 11.4

122 13.9 15.1 22.7#

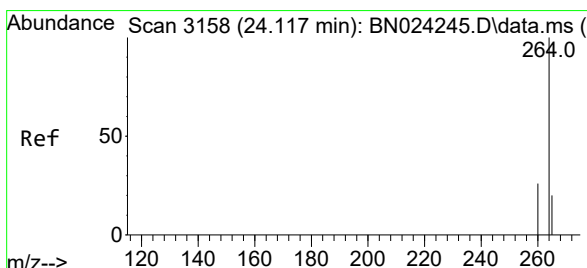
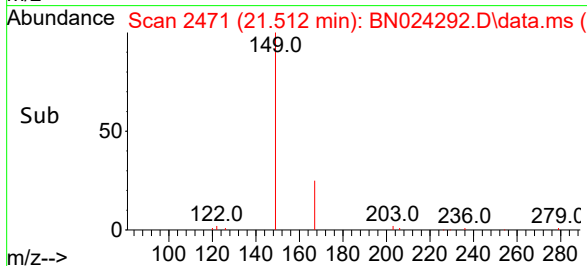
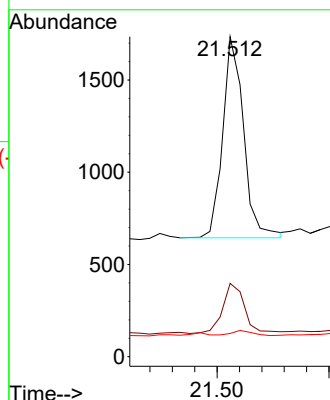
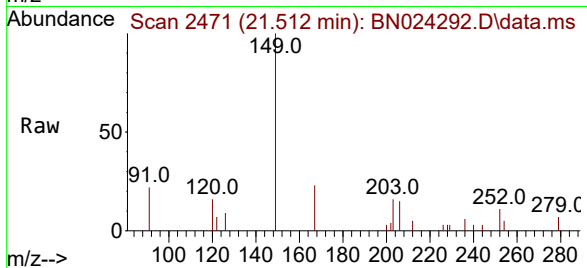




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.058 ng
 RT: 21.512 min Scan# 2471
 Delta R.T. 0.000 min
 Lab File: BN024292.D
 Acq: 15 Mar 2023 14:18

Instrument :
 BNA_N
 ClientSampleId :
 DUP04-20230306

Tgt Ion:	149	Resp:	1413
Ion Ratio	Lower	Upper	
149	100		
167	28.6	21.2	31.8
279	2.4	1.8	2.8



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.112 min Scan# 3154
 Delta R.T. -0.017 min
 Lab File: BN024292.D
 Acq: 15 Mar 2023 14:18

Tgt Ion:	264	Resp:	11742
Ion Ratio	Lower	Upper	
264	100		
260	27.5	21.4	32.2
265	62.4	35.7	53.5

