

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051623\
 Data File : BN025447.D
 Acq On : 16 May 2023 17:24
 Operator : CG/JU
 Sample : 02804-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EB-01-051523

Quant Time: May 17 03:33:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 17 02:52:36 2023
 Response via : Initial Calibration

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

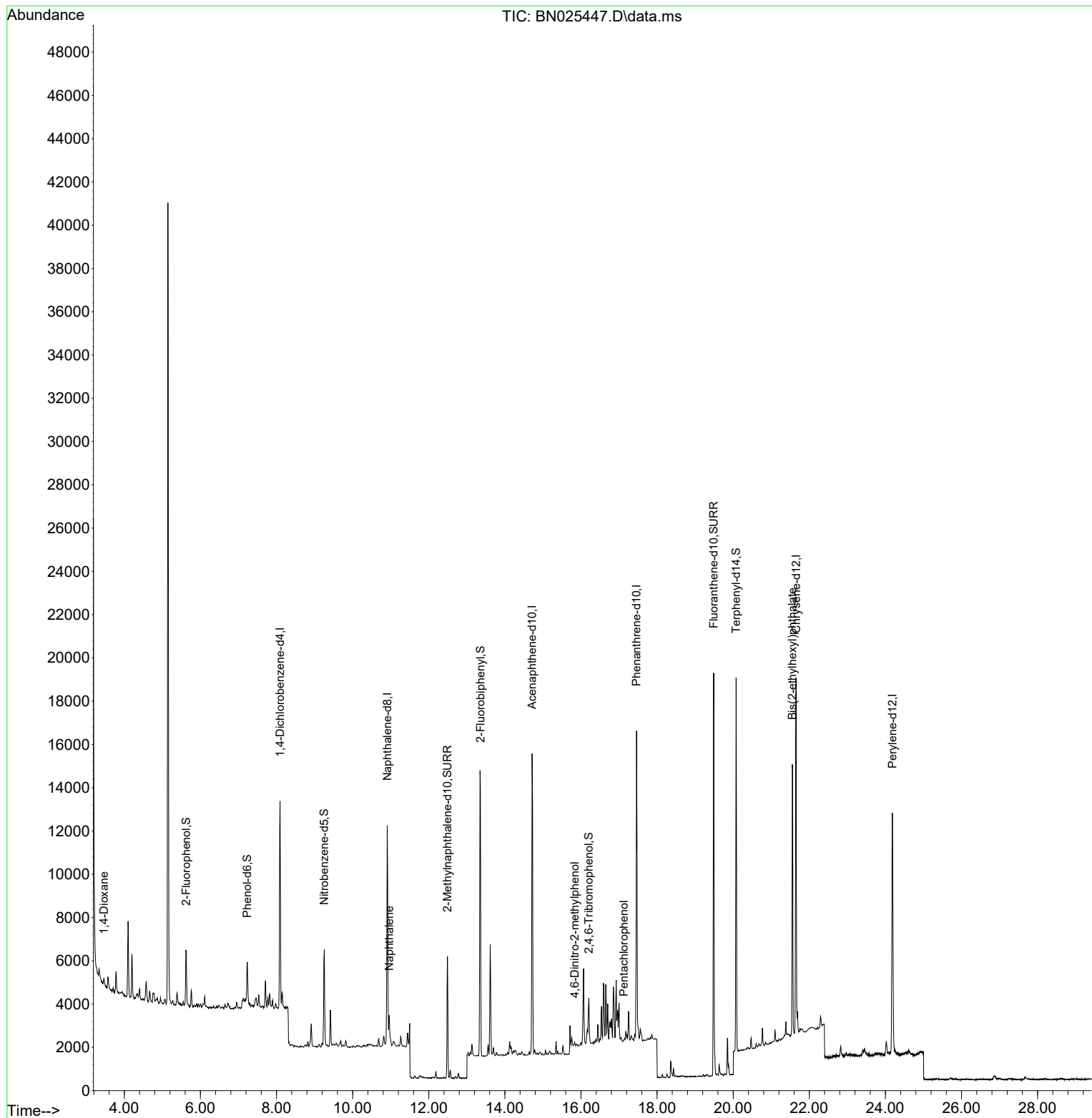
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.092	152	4701	0.400	ng	0.00
7) Naphthalene-d8	10.910	136	13406	0.400	ng	0.00
13) Acenaphthene-d10	14.715	164	8100	0.400	ng	0.00
19) Phenanthrene-d10	17.460	188	18905	0.400	ng	0.00
29) Chrysene-d12	21.652	240	15380	0.400	ng	# 0.00
35) Perylene-d12	24.182	264	15800	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.622	112	2039	0.202	ng	0.00
5) Phenol-d6	7.232	99	1712	0.126	ng	0.00
8) Nitrobenzene-d5	9.255	82	3826	0.418	ng	0.00
11) 2-Methylnaphthalene-d10	12.491	152	7518	0.401	ng	0.00
14) 2,4,6-Tribromophenol	16.206	330	1218	0.444	ng	0.00
15) 2-Fluorobiphenyl	13.358	172	12115	0.409	ng	0.00
27) Fluoranthene-d10	19.486	212	20290	0.451	ng	0.00
31) Terphenyl-d14	20.076	244	13520	0.484	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.462	88	142	0.032	ng	# 1
3) n-Nitrosodimethylamine	3.780	42	111	Below Cal		# 1
6) bis(2-Chloroethyl)ether	7.442	93	516	Below Cal		# 32
9) Naphthalene	10.963	128	1552	0.046	ng	# 86
20) 4,6-Dinitro-2-methylph...	15.834	198	22	0.140	ng	# 1
24) Pentachlorophenol	17.125	266	10	0.207	ng	# 17
34) Bis(2-ethylhexyl)phtha...	21.553	149	13497	0.427	ng	99

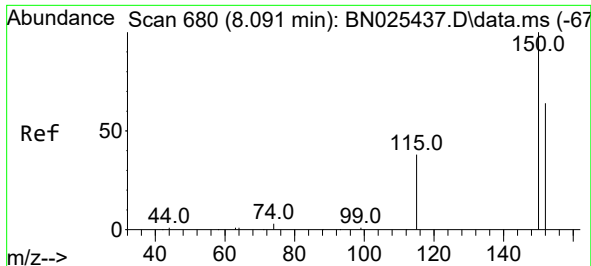
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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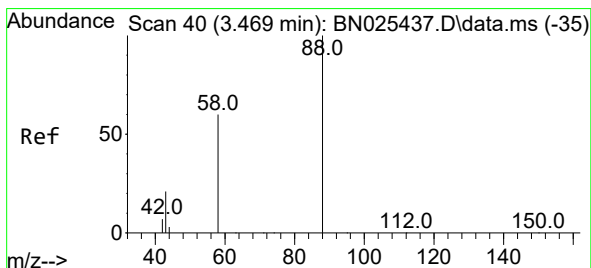
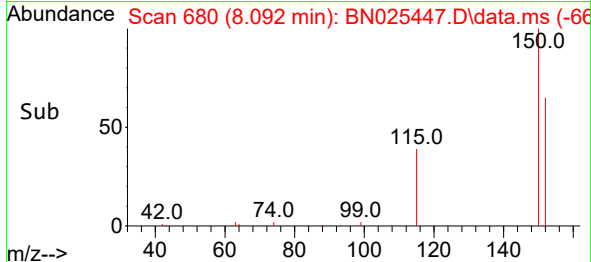
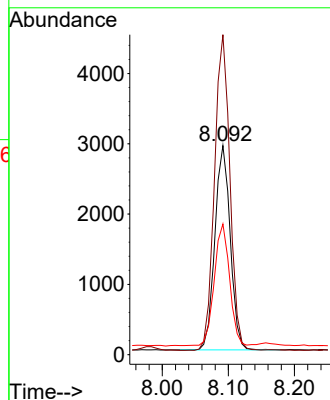
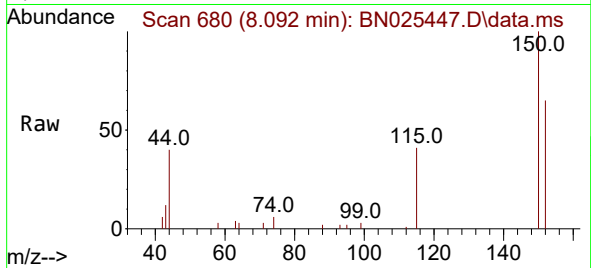




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.092 min Scan# 61
 Delta R.T. 0.001 min
 Lab File: BN025447.D
 Acq: 16 May 2023 17:24

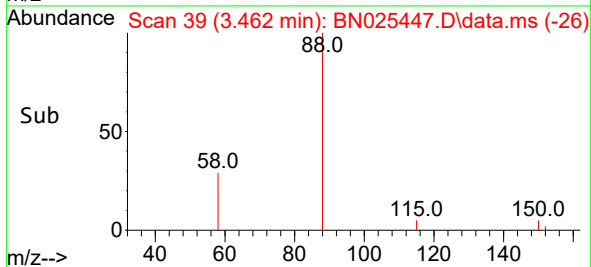
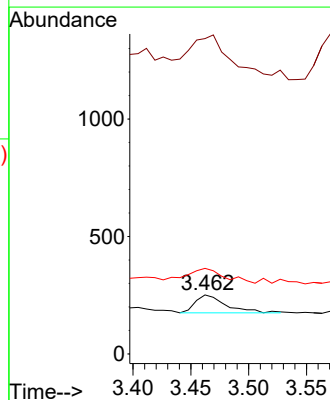
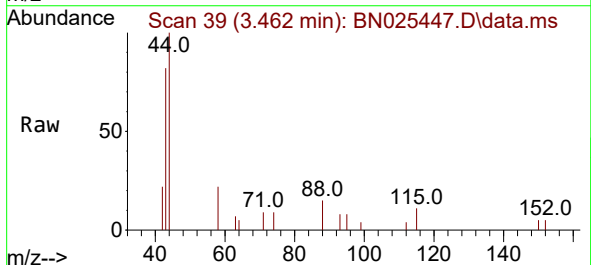
Instrument :
 BNA_N
 ClientSampleId :
 EB-01-051523

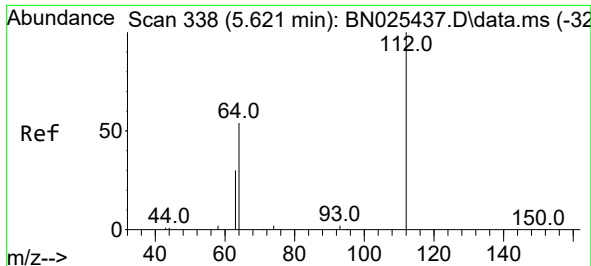
Tgt Ion:152 Resp: 4701
 Ion Ratio Lower Upper
 152 100
 150 153.1 123.7 185.5
 115 62.5 50.0 75.0



#2
 1,4-Dioxane
 Concen: 0.032 ng
 RT: 3.462 min Scan# 39
 Delta R.T. -0.007 min
 Lab File: BN025447.D
 Acq: 16 May 2023 17:24

Tgt Ion: 88 Resp: 142
 Ion Ratio Lower Upper
 88 100
 43 281.7 25.1 37.7#
 58 102.8 55.5 83.3#

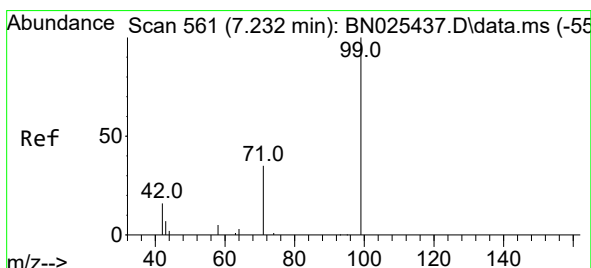
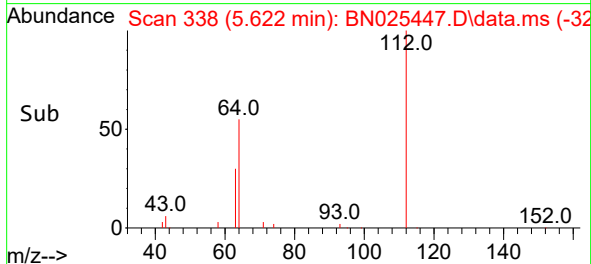
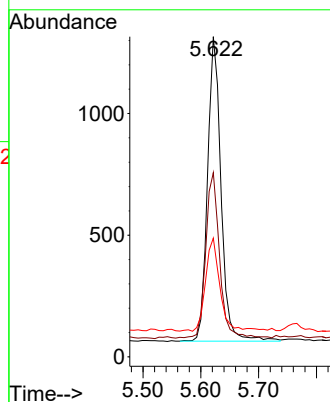
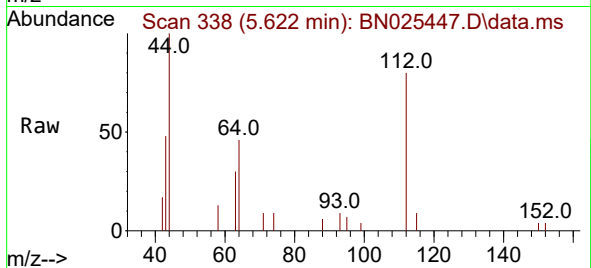




#4
2-Fluorophenol
Concen: 0.202 ng
RT: 5.622 min Scan# 31
Delta R.T. 0.001 min
Lab File: BN025447.D
Acq: 16 May 2023 17:24

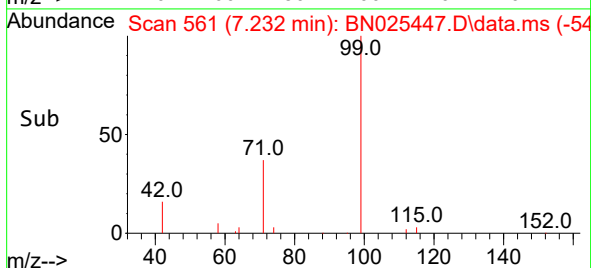
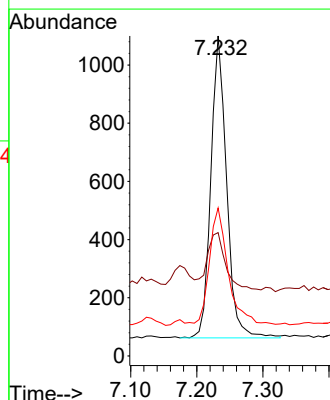
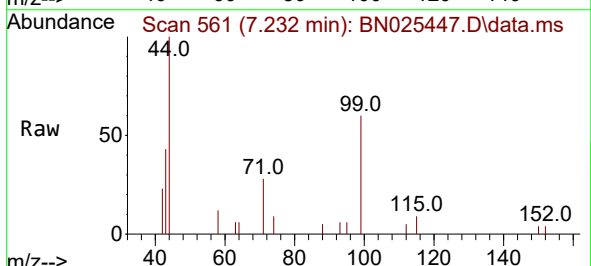
Instrument :
BNA_N
ClientSampleId :
EB-01-051523

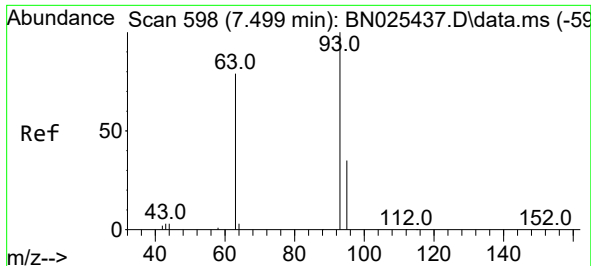
Tgt Ion:112 Resp: 2039
Ion Ratio Lower Upper
112 100
64 55.6 43.9 65.9
63 32.6 25.0 37.4



#5
Phenol-d6
Concen: 0.126 ng
RT: 7.232 min Scan# 561
Delta R.T. 0.000 min
Lab File: BN025447.D
Acq: 16 May 2023 17:24

Tgt Ion: 99 Resp: 1712
Ion Ratio Lower Upper
99 100
42 22.7 16.4 24.6
71 45.9 29.4 44.0#





#6
bis(2-Chloroethyl)ether
Concen: Below Cal
RT: 7.442 min Scan# 598
Delta R.T. -0.057 min
Lab File: BN025447.D
Acq: 16 May 2023 17:24

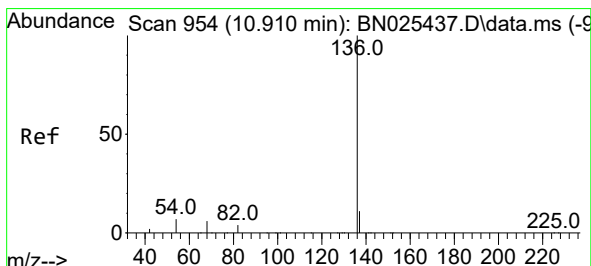
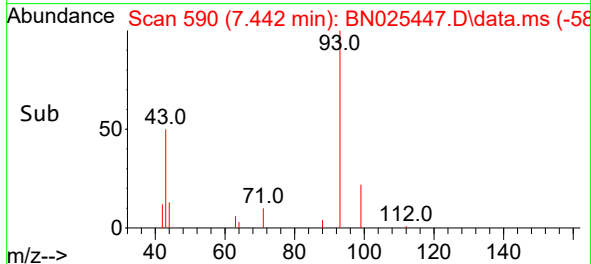
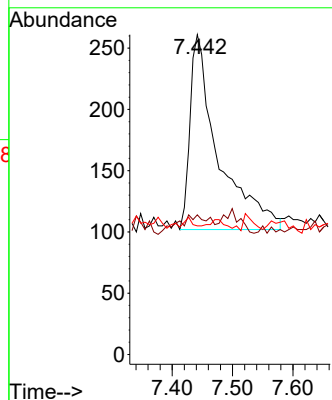
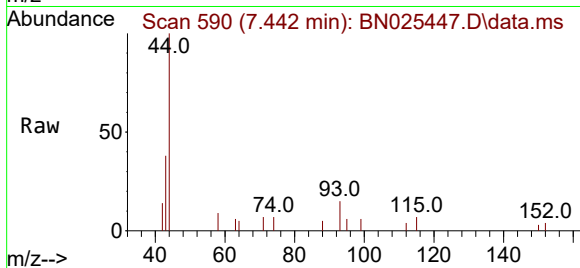
Instrument :

BNA_N

ClientSampleId :

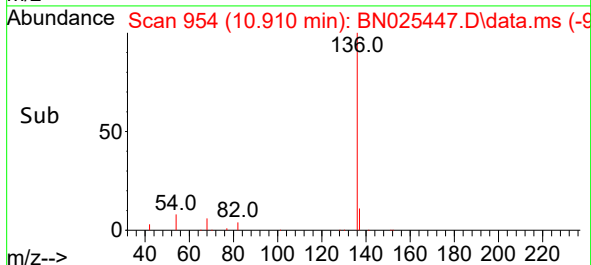
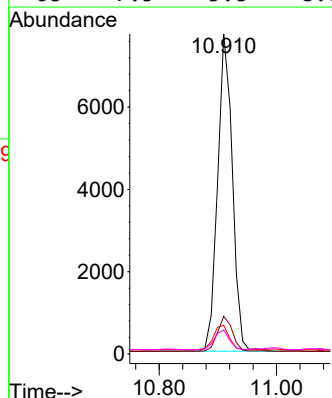
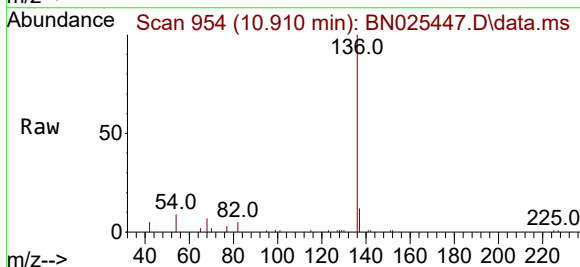
EB-01-051523

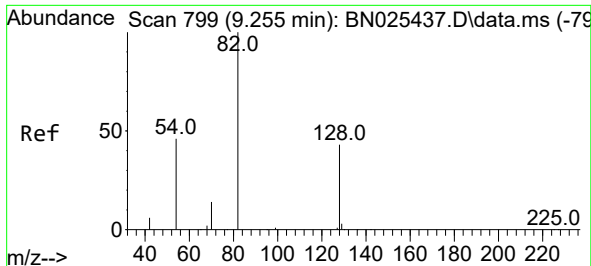
Tgt Ion: 93 Resp: 516
Ion Ratio Lower Upper
93 100
63 3.3 48.5 72.7#
95 1.2 22.0 33.0#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.910 min Scan# 954
Delta R.T. 0.000 min
Lab File: BN025447.D
Acq: 16 May 2023 17:24

Tgt Ion:136 Resp: 13406
Ion Ratio Lower Upper
136 100
137 11.7 9.4 14.0
54 8.9 7.0 10.4
68 7.5 5.8 8.6

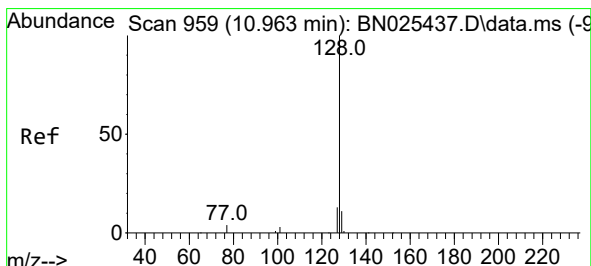
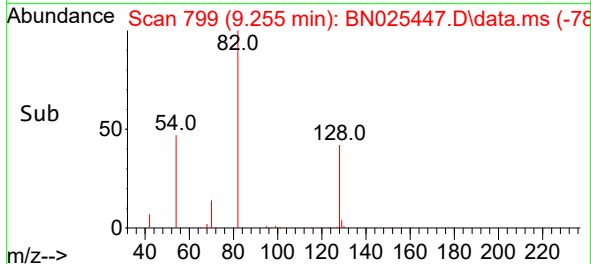
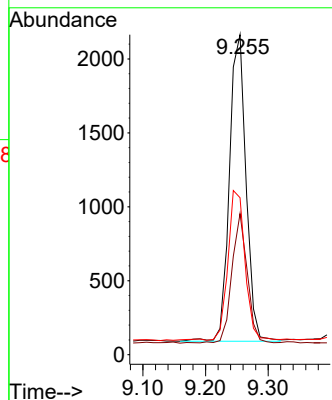
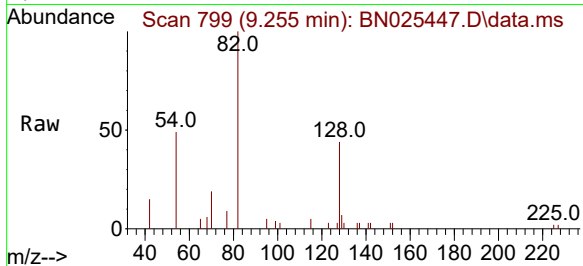




#8
Nitrobenzene-d5
Concen: 0.418 ng
RT: 9.255 min Scan# 799
Delta R.T. 0.000 min
Lab File: BN025447.D
Acq: 16 May 2023 17:24

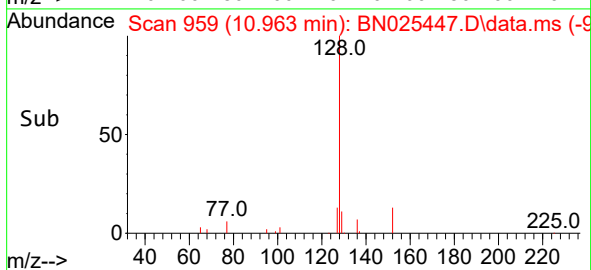
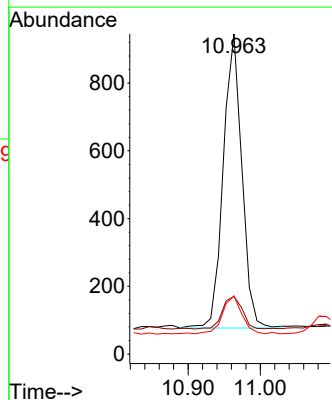
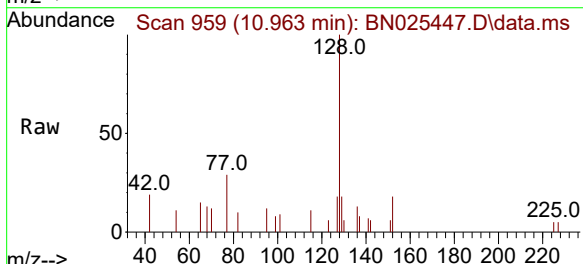
Instrument :
BNA_N
ClientSampleId :
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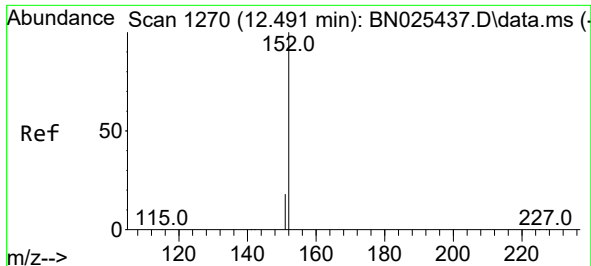
Tgt Ion: 82 Resp: 3826
Ion Ratio Lower Upper
82 100
128 44.1 35.7 53.5
54 49.0 38.6 57.8



#9
Naphthalene
Concen: 0.046 ng
RT: 10.963 min Scan# 959
Delta R.T. 0.000 min
Lab File: BN025447.D
Acq: 16 May 2023 17:24

Tgt Ion: 128 Resp: 1552
Ion Ratio Lower Upper
128 100
129 18.0 9.4 14.2#
127 18.2 10.6 16.0#

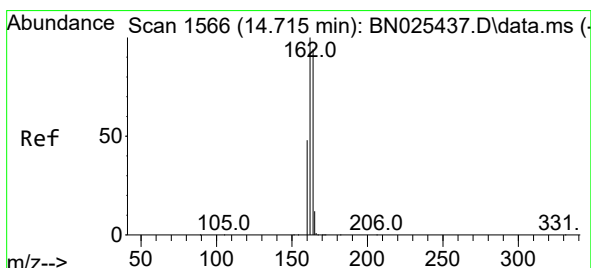
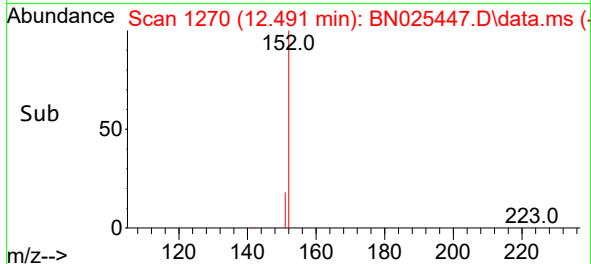
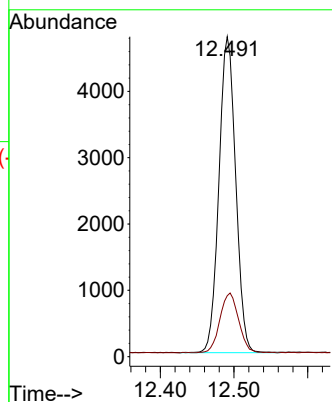
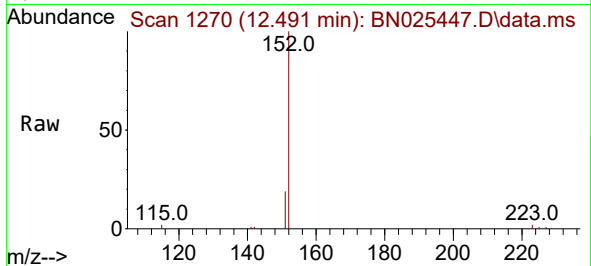




#11
2-Methylnaphthalene-d10
Concen: 0.401 ng
RT: 12.491 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN025447.D
Acq: 16 May 2023 17:24

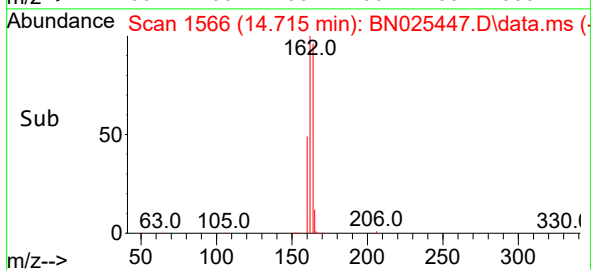
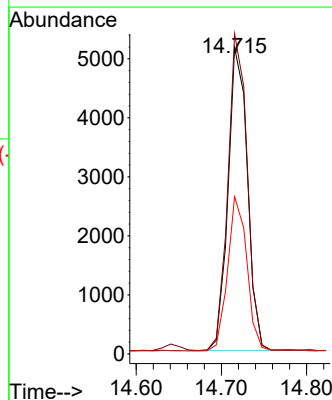
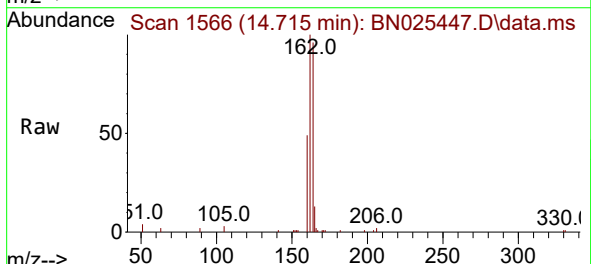
Instrument :
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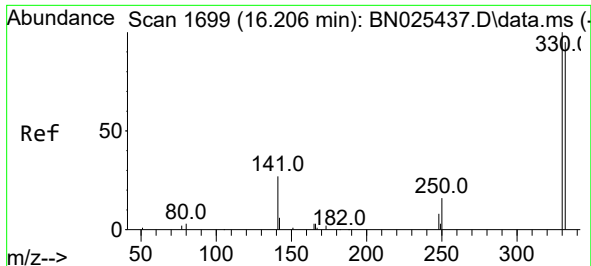
Tgt Ion:152 Resp: 7518
Ion Ratio Lower Upper
152 100
151 21.2 16.5 24.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.715 min Scan# 1566
Delta R.T. 0.000 min
Lab File: BN025447.D
Acq: 16 May 2023 17:24

Tgt Ion:164 Resp: 8100
Ion Ratio Lower Upper
164 100
162 104.5 84.8 127.2
160 51.4 40.6 61.0

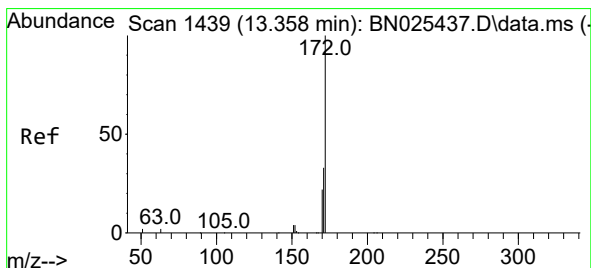
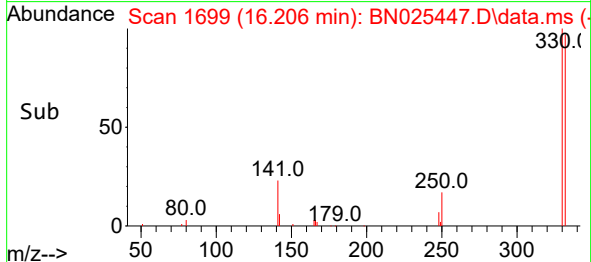
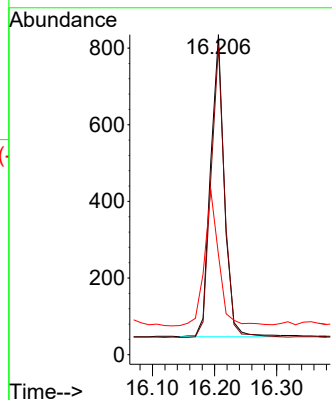
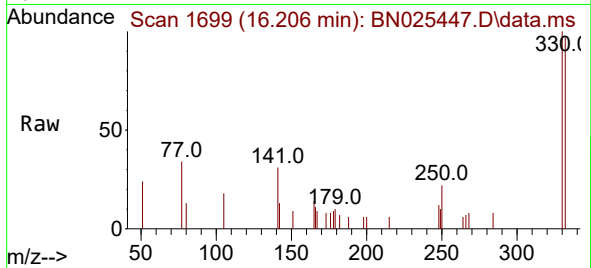




#14
2,4,6-Tribromophenol
Concen: 0.444 ng
RT: 16.206 min Scan# 1699
Delta R.T. 0.000 min
Lab File: BN025447.D
Acq: 16 May 2023 17:24

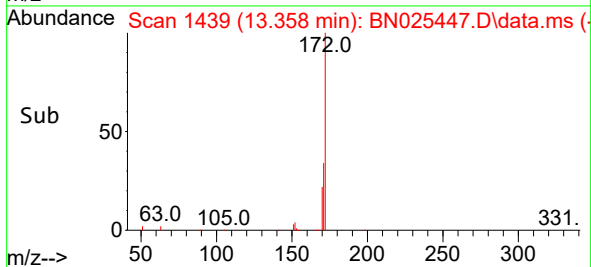
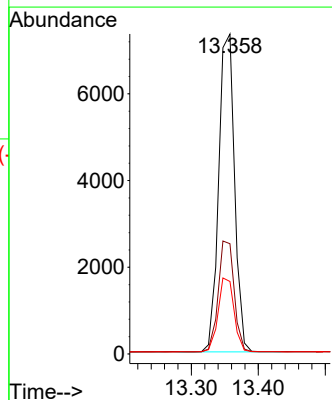
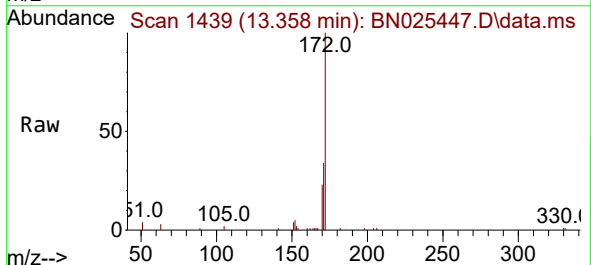
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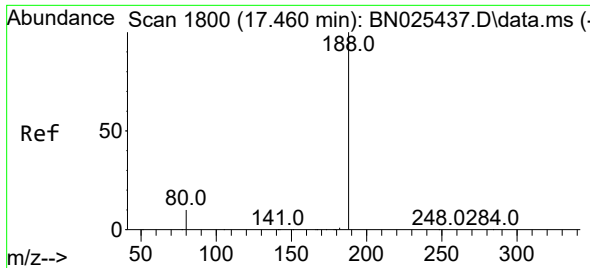
Tgt Ion: 330 Resp: 1218
Ion Ratio Lower Upper
330 100
332 95.8 75.5 113.3
141 47.5 35.3 52.9



#15
2-Fluorobiphenyl
Concen: 0.409 ng
RT: 13.358 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BN025447.D
Acq: 16 May 2023 17:24

Tgt Ion: 172 Resp: 12115
Ion Ratio Lower Upper
172 100
171 34.4 27.0 40.6
170 22.6 18.2 27.2





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.460 min Scan# 1800

Delta R.T. 0.000 min

Lab File: BN025447.D

Acq: 16 May 2023 17:24

Instrument :

BNA_N

ClientSampleId :

EB-01-051523

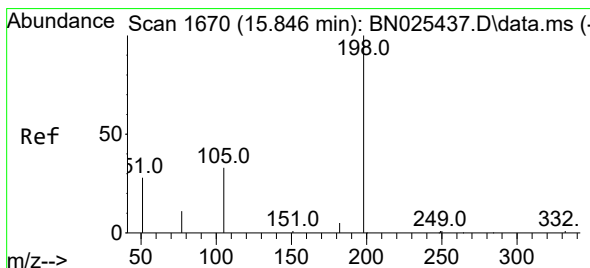
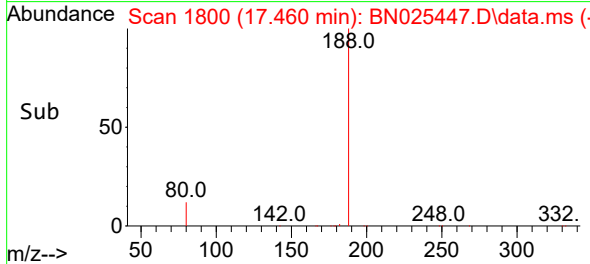
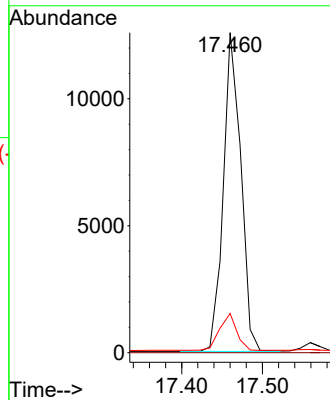
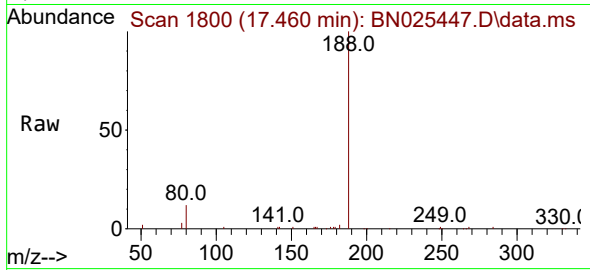
Tgt Ion:188 Resp: 18905

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.2 8.7 13.1



#20

4,6-Dinitro-2-methylphenol

Concen: 0.140 ng

RT: 15.834 min Scan# 1669

Delta R.T. -0.012 min

Lab File: BN025447.D

Acq: 16 May 2023 17:24

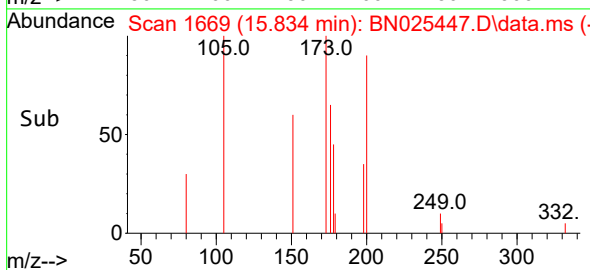
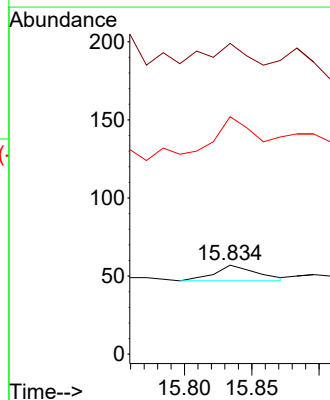
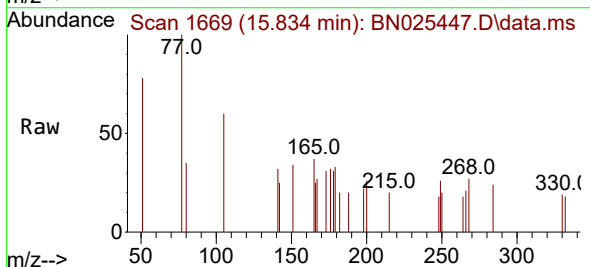
Tgt Ion:198 Resp: 22

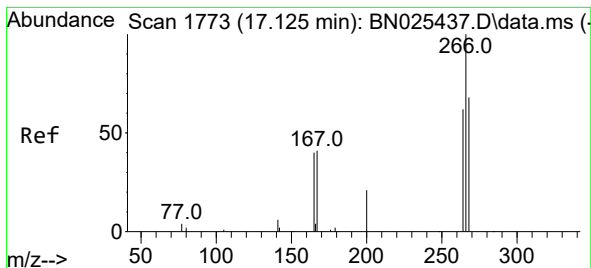
Ion Ratio Lower Upper

198 100

51 349.1 68.5 102.7#

105 266.7 57.6 86.4#





#24

Pentachlorophenol

Concen: 0.207 ng

RT: 17.125 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN025447.D

Acq: 16 May 2023 17:24

Instrument :

BNA_N

ClientSampleId :

EB-01-051523

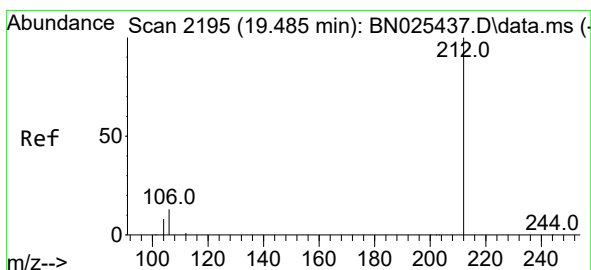
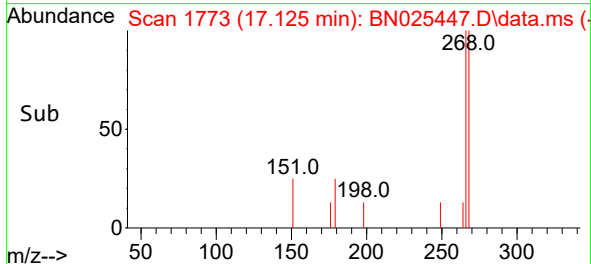
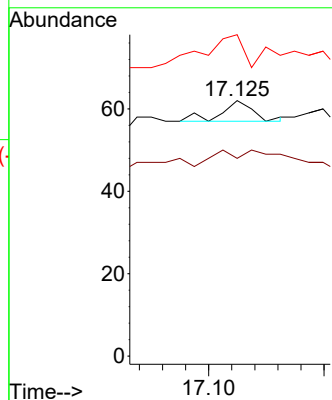
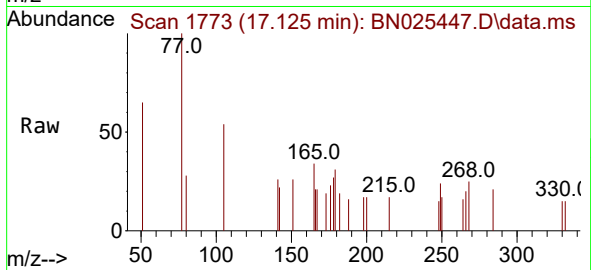
Tgt Ion:266 Resp: 10

Ion Ratio Lower Upper

266 100

264 60.0 49.5 74.3

268 190.0 51.0 76.4#



#27

Fluoranthene-d10

Concen: 0.451 ng

RT: 19.486 min Scan# 2195

Delta R.T. 0.000 min

Lab File: BN025447.D

Acq: 16 May 2023 17:24

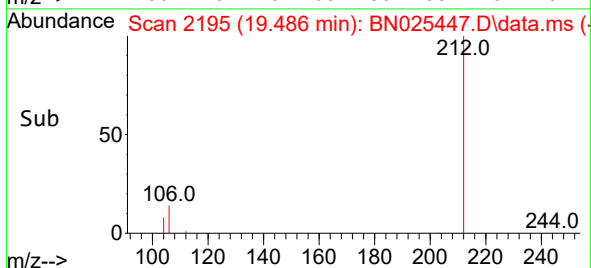
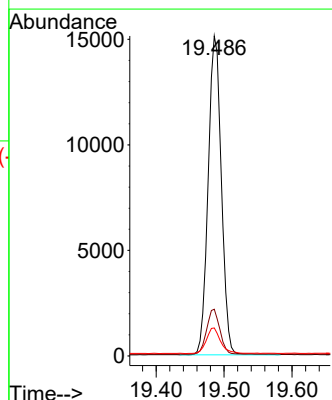
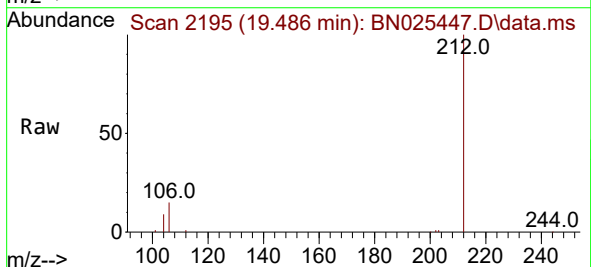
Tgt Ion:212 Resp: 20290

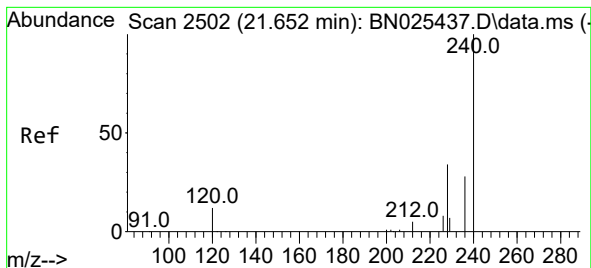
Ion Ratio Lower Upper

212 100

106 14.0 11.1 16.7

104 8.6 6.6 10.0





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.652 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN025447.D

Acq: 16 May 2023 17:24

Instrument :

BNA_N

ClientSampleId :

EB-01-051523

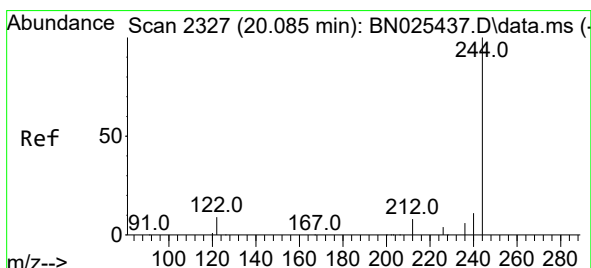
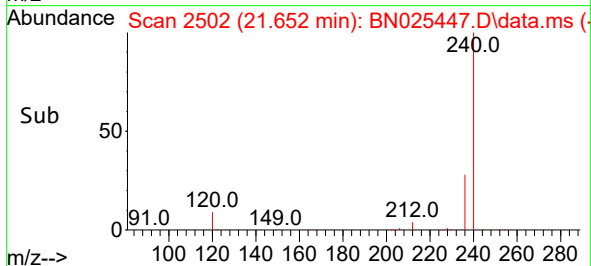
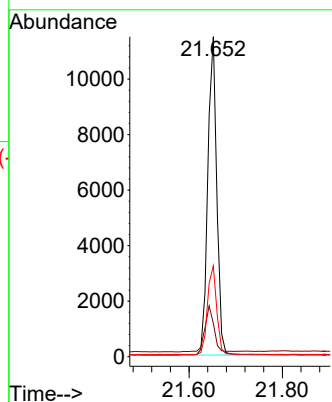
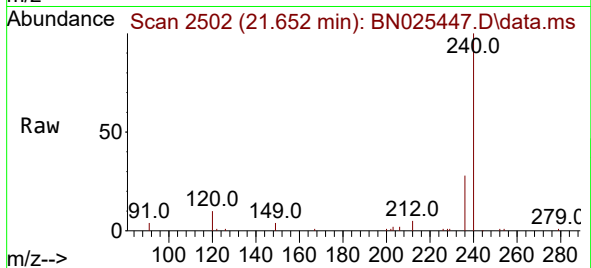
Tgt Ion:240 Resp: 15380

Ion Ratio Lower Upper

240 100

120 10.4 11.6 17.4#

236 28.4 22.9 34.3



#31

Terphenyl-d14

Concen: 0.484 ng

RT: 20.076 min Scan# 2326

Delta R.T. -0.009 min

Lab File: BN025447.D

Acq: 16 May 2023 17:24

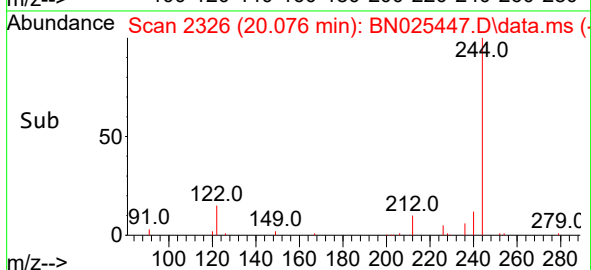
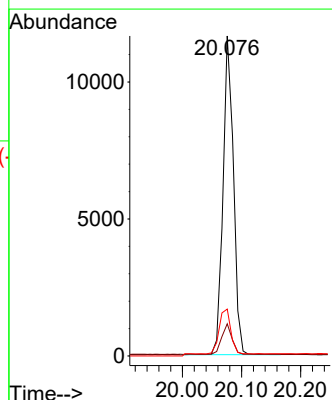
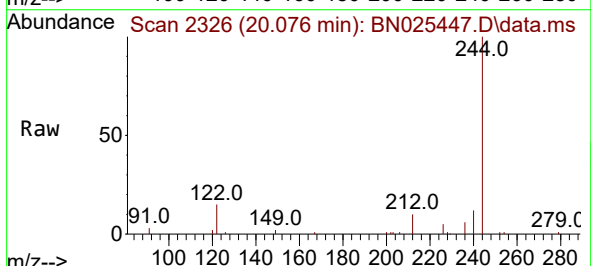
Tgt Ion:244 Resp: 13520

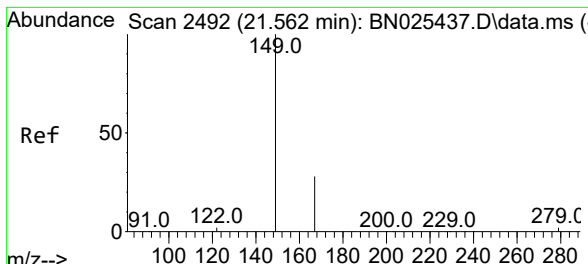
Ion Ratio Lower Upper

244 100

212 10.1 6.9 10.3

122 14.7 7.4 11.2#

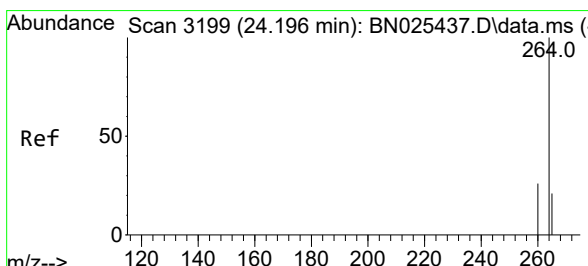
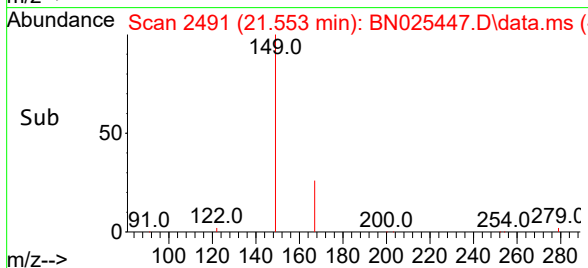
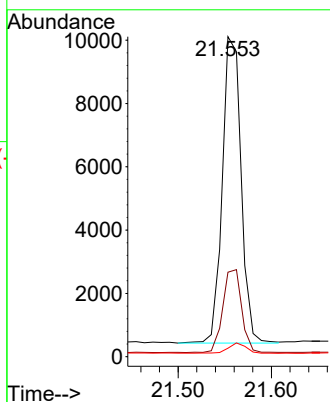
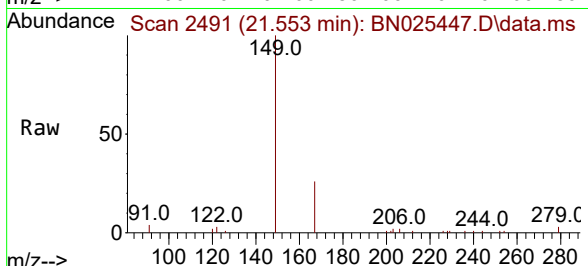




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.427 ng
 RT: 21.553 min Scan# 2491
 Delta R.T. -0.009 min
 Lab File: BN025447.D
 Acq: 16 May 2023 17:24

Instrument :
 BNA_N
 ClientSampleId :
 EB-01-051523

Tgt Ion:	149	Resp:	13497
Ion Ratio	Lower	Upper	
149	100		
167	27.1	22.2	33.4
279	3.1	2.5	3.7



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.182 min Scan# 3194
 Delta R.T. -0.014 min
 Lab File: BN025447.D
 Acq: 16 May 2023 17:24

Tgt Ion:	264	Resp:	15800
Ion Ratio	Lower	Upper	
264	100		
260	26.5	21.0	31.6
265	32.2	25.5	38.3

