

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051623\
 Data File : BN025443.D
 Acq On : 16 May 2023 15:00
 Operator : CG/JU
 Sample : PB152832BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB152832BL

Quant Time: May 17 03:32:45 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)

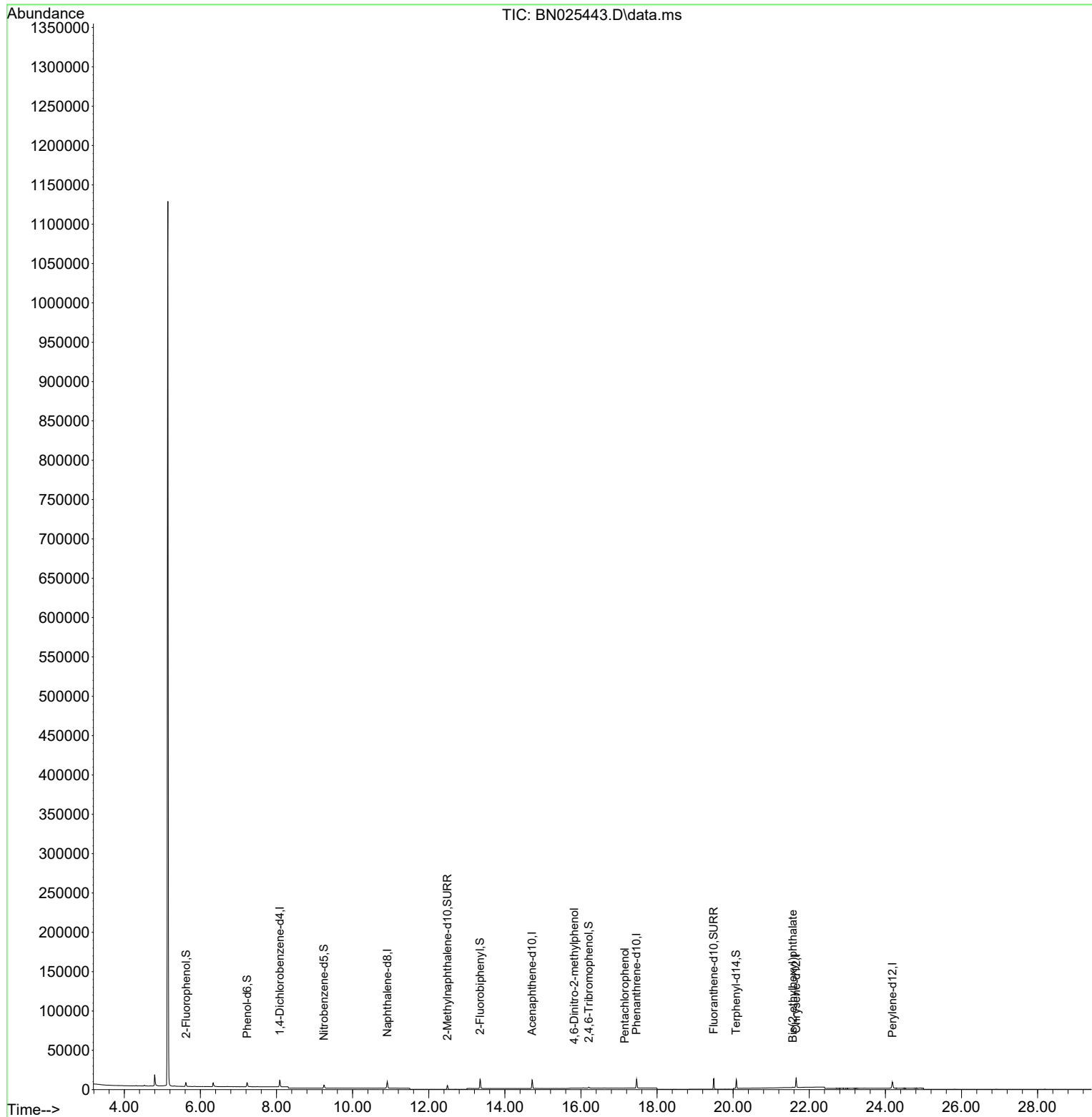
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.084	152	4240	0.400	ng	0.00
7) Naphthalene-d8	10.910	136	11598	0.400	ng	0.00
13) Acenaphthene-d10	14.715	164	6428	0.400	ng	0.00
19) Phenanthrene-d10	17.460	188	15169	0.400	ng	0.00
29) Chrysene-d12	21.656	240	11392	0.400	ng	0.00
35) Perylene-d12	24.186	264	11870	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.621	112	4310	0.474	ng	0.00
5) Phenol-d6	7.232	99	5389	0.441	ng	0.00
8) Nitrobenzene-d5	9.244	82	3493	0.441	ng	-0.01
11) 2-Methylnaphthalene-d10	12.491	152	6837	0.422	ng	0.00
14) 2,4,6-Tribromophenol	16.206	330	856	0.393	ng	0.00
15) 2-Fluorobiphenyl	13.347	172	10797	0.459	ng	-0.01
27) Fluoranthene-d10	19.490	212	15199	0.421	ng	0.00
31) Terphenyl-d14	20.080	244	10407	0.503	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.780	42	114	Below Cal	#	1
6) bis(2-Chloroethyl)ether	7.506	93	43	Below Cal	#	29
20) 4,6-Dinitro-2-methylph...	15.821	198	1	0.133	ng	# 1
24) Pentachlorophenol	17.149	266	12	0.208	ng	# 30
34) Bis(2-ethylhexyl)phtha...	21.566	149	616	0.026	ng	# 88

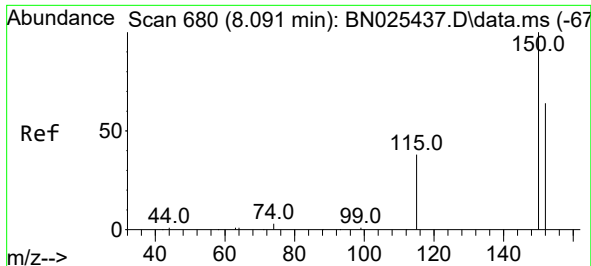
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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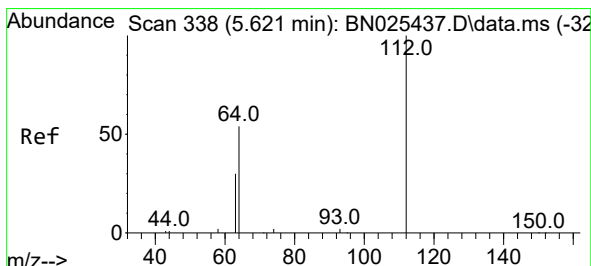
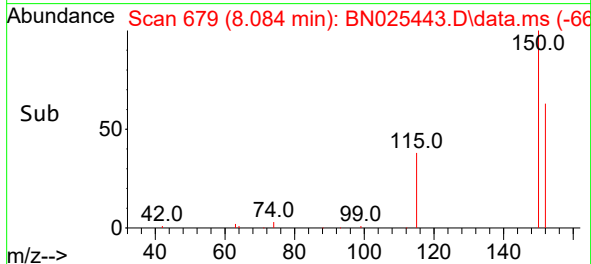
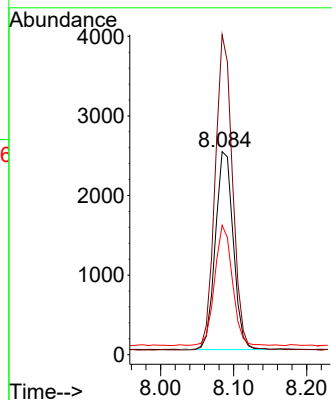
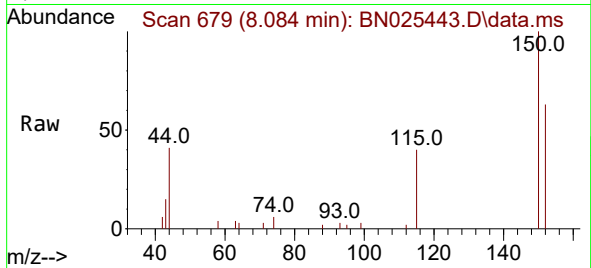




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.084 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN025443.D
 Acq: 16 May 2023 15:00

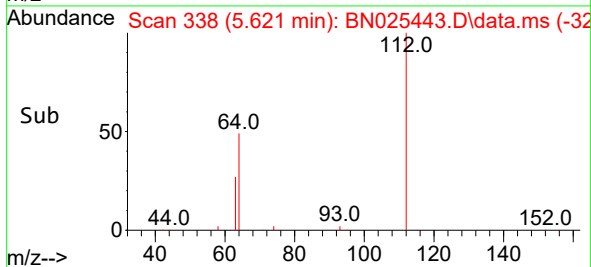
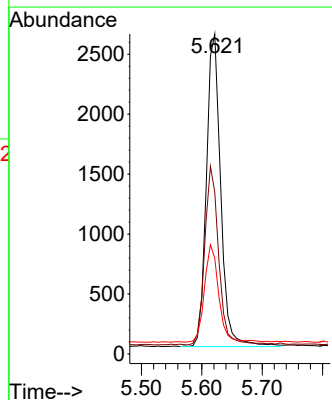
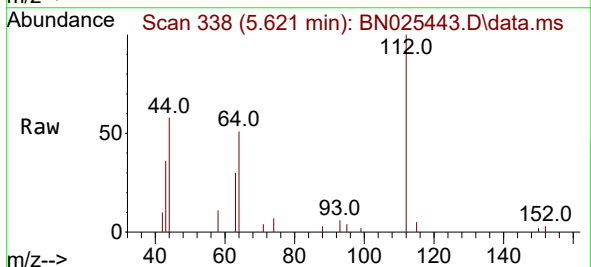
Instrument :
 BNA_N
 ClientSampleId :
 PB152832BL

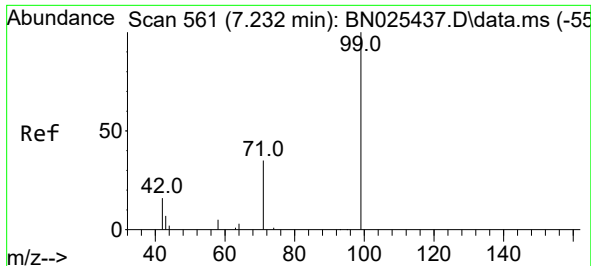
Tgt Ion:152 Resp: 4240
 Ion Ratio Lower Upper
 152 100
 150 157.6 123.7 185.5
 115 63.7 50.0 75.0



#4
 2-Fluorophenol
 Concen: 0.474 ng
 RT: 5.621 min Scan# 338
 Delta R.T. 0.000 min
 Lab File: BN025443.D
 Acq: 16 May 2023 15:00

Tgt Ion:112 Resp: 4310
 Ion Ratio Lower Upper
 112 100
 64 56.0 43.9 65.9
 63 31.0 25.0 37.4

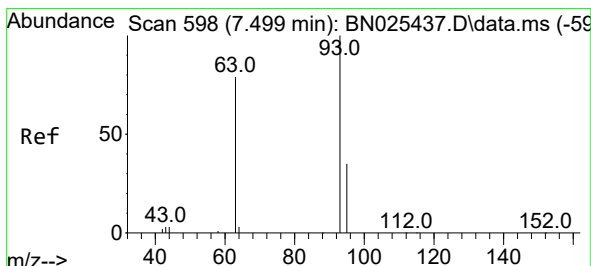
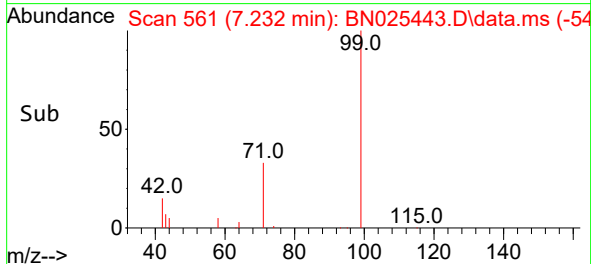
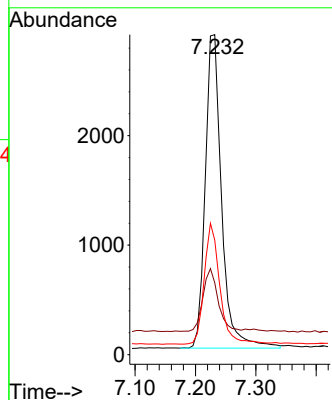
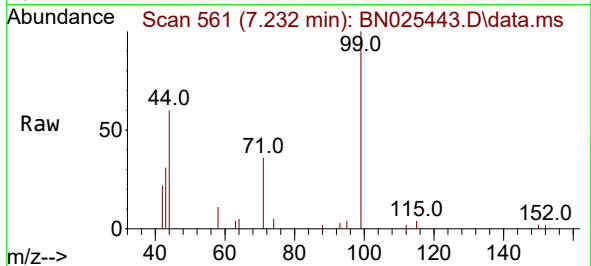




#5
Phenol-d6
Concen: 0.441 ng
RT: 7.232 min Scan# 509
Delta R.T. -0.000 min
Lab File: BN025443.D
Acq: 16 May 2023 15:00

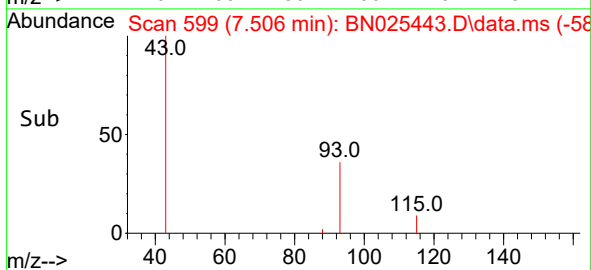
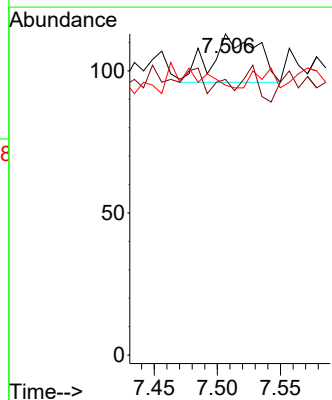
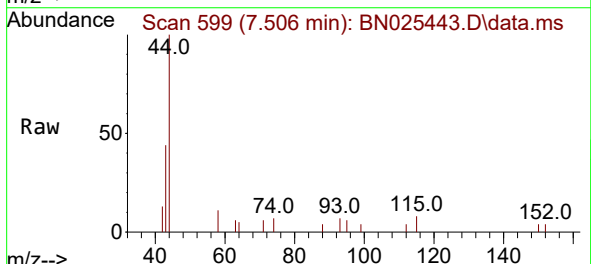
Instrument :
BNA_N
ClientSampleId :
PB152832BL

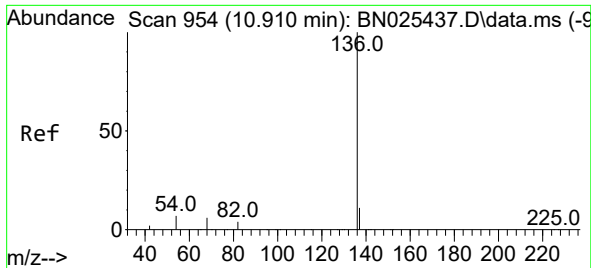
Tgt Ion: 99 Resp: 5389
Ion Ratio Lower Upper
99 100
42 18.7 16.4 24.6
71 36.9 29.4 44.0



#6
bis(2-Chloroethyl)ether
Concen: Below Cal
RT: 7.506 min Scan# 599
Delta R.T. 0.007 min
Lab File: BN025443.D
Acq: 16 May 2023 15:00

Tgt Ion: 93 Resp: 43
Ion Ratio Lower Upper
93 100
63 0.0 48.5 72.7#
95 0.0 22.0 33.0#

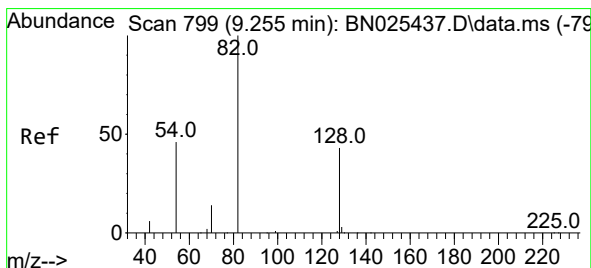
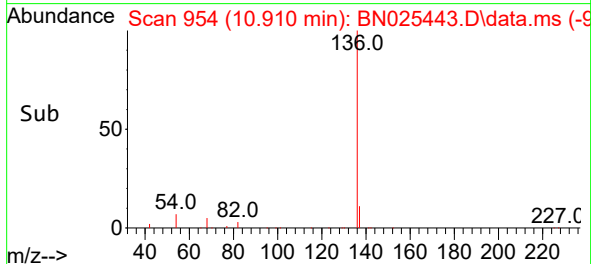
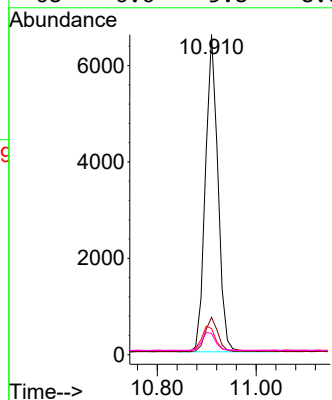
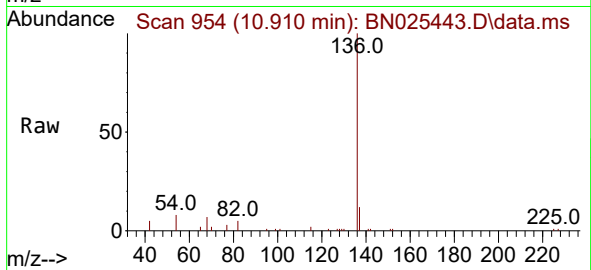




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.910 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN025443.D
Acq: 16 May 2023 15:00

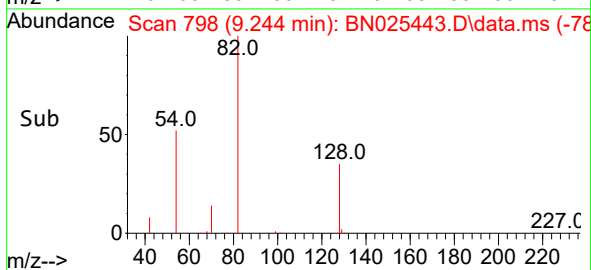
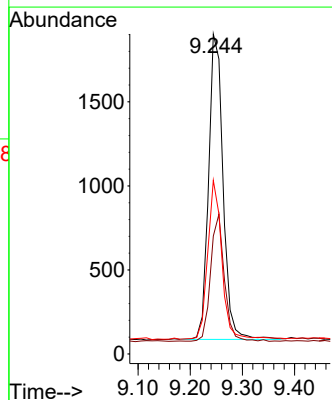
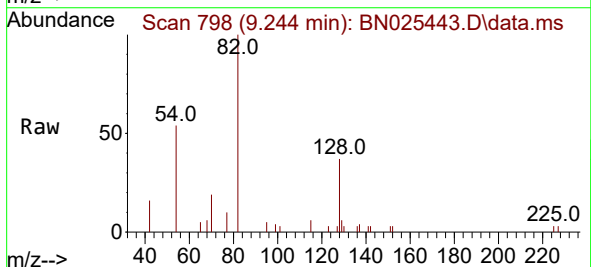
Instrument :
BNA_N
ClientSampleId :
PB152832BL

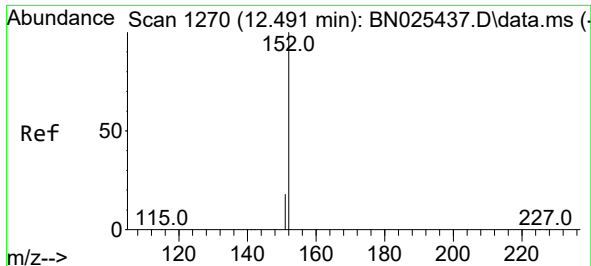
Tgt Ion:	136	Resp:	11598
Ion Ratio	Lower	Upper	
136	100		
137	11.6	9.4	14.0
54	8.1	7.0	10.4
68	6.6	5.8	8.6



#8
Nitrobenzene-d5
Concen: 0.441 ng
RT: 9.244 min Scan# 798
Delta R.T. -0.011 min
Lab File: BN025443.D
Acq: 16 May 2023 15:00

Tgt Ion:	82	Resp:	3493
Ion Ratio	Lower	Upper	
82	100		
128	36.9	35.7	53.5
54	54.3	38.6	57.8

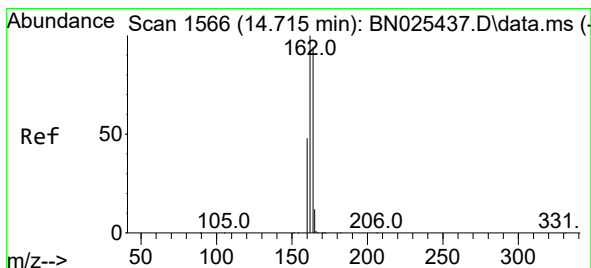
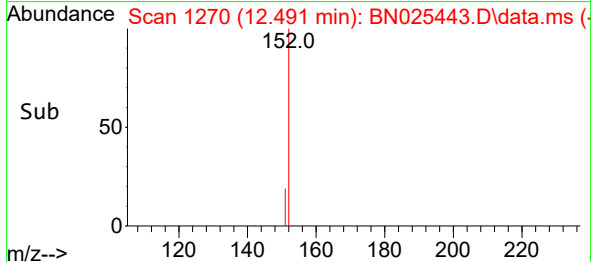
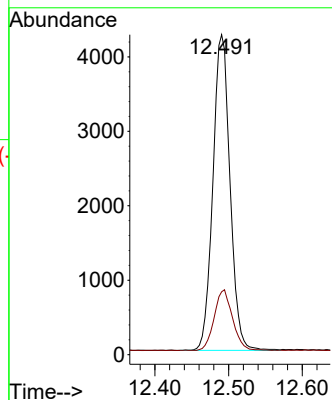
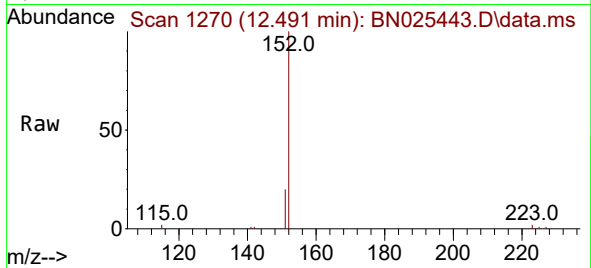




#11
2-Methylnaphthalene-d10
Concen: 0.422 ng
RT: 12.491 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN025443.D
Acq: 16 May 2023 15:00

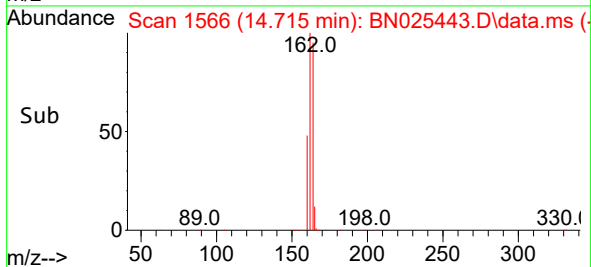
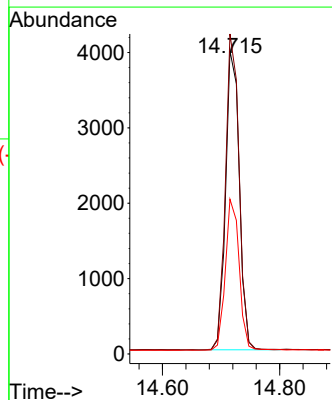
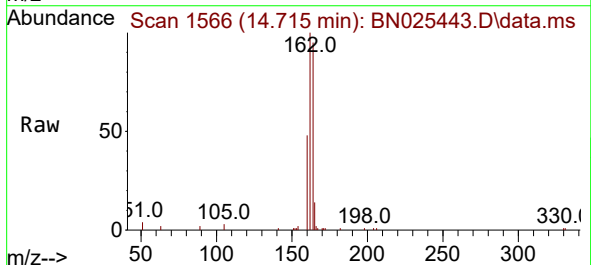
Instrument :
BNA_N
ClientSampleId :
PB152832BL

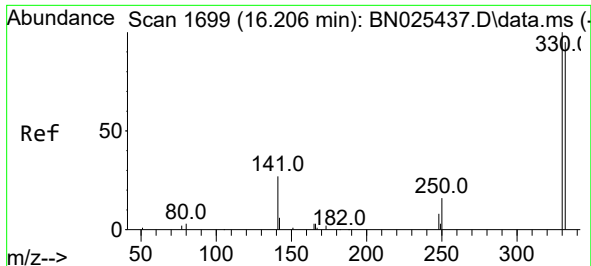
Tgt Ion:152 Resp: 6837
Ion Ratio Lower Upper
152 100
151 20.6 16.5 24.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.715 min Scan# 1566
Delta R.T. -0.000 min
Lab File: BN025443.D
Acq: 16 May 2023 15:00

Tgt Ion:164 Resp: 6428
Ion Ratio Lower Upper
164 100
162 105.6 84.8 127.2
160 51.1 40.6 61.0

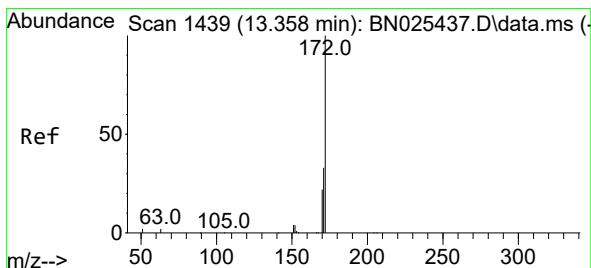
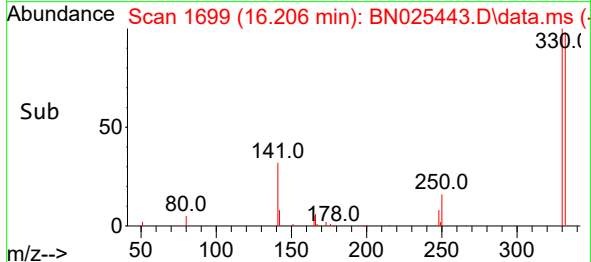
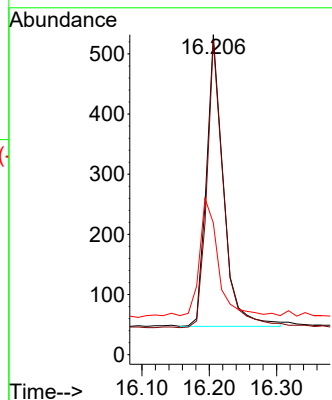
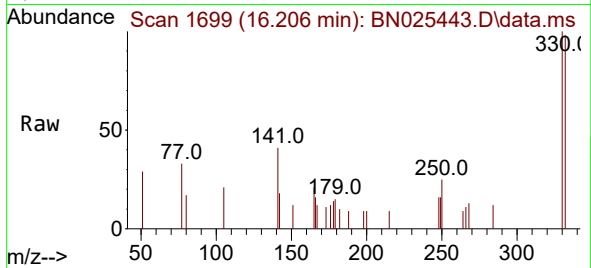




#14
2,4,6-Tribromophenol
Concen: 0.393 ng
RT: 16.206 min Scan# 1699
Delta R.T. -0.000 min
Lab File: BN025443.D
Acq: 16 May 2023 15:00

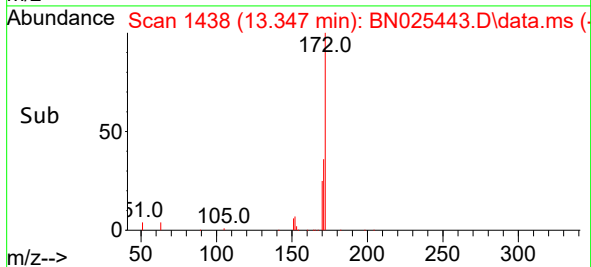
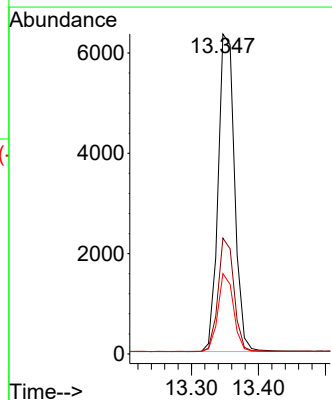
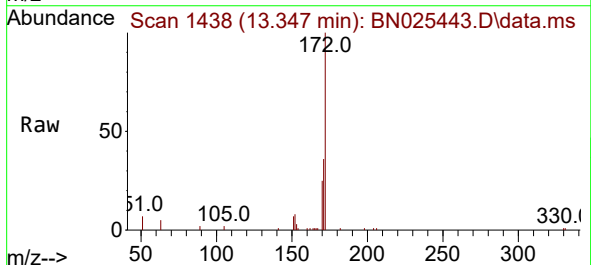
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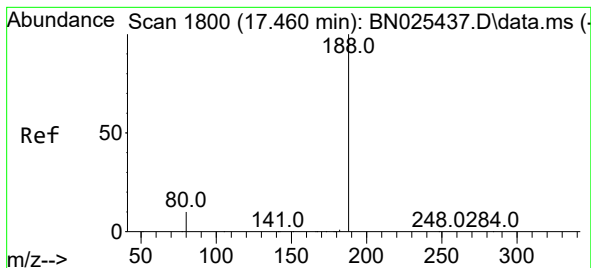
Tgt Ion: 330 Resp: 856
Ion Ratio Lower Upper
330 100
332 95.8 75.5 113.3
141 42.8 35.3 52.9



#15
2-Fluorobiphenyl
Concen: 0.459 ng
RT: 13.347 min Scan# 1438
Delta R.T. -0.011 min
Lab File: BN025443.D
Acq: 16 May 2023 15:00

Tgt Ion: 172 Resp: 10797
Ion Ratio Lower Upper
172 100
171 36.2 27.0 40.6
170 25.1 18.2 27.2





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.460 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN025443.D

Acq: 16 May 2023 15:00

Instrument :

BNA_N

ClientSampleId :

PB152832BL

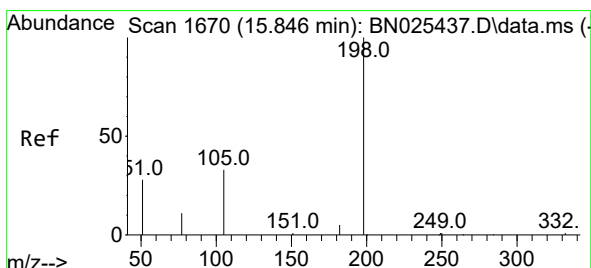
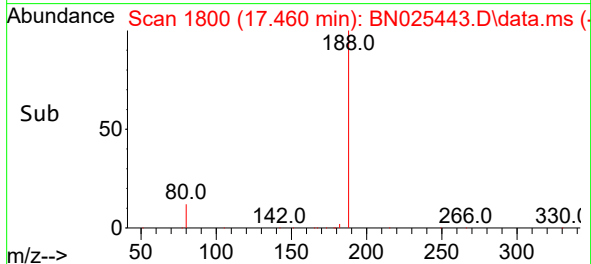
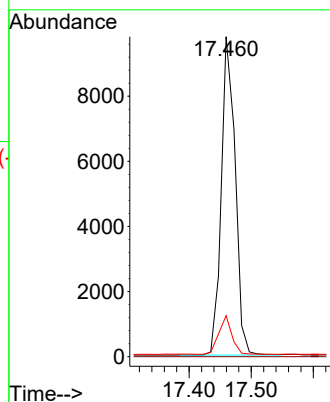
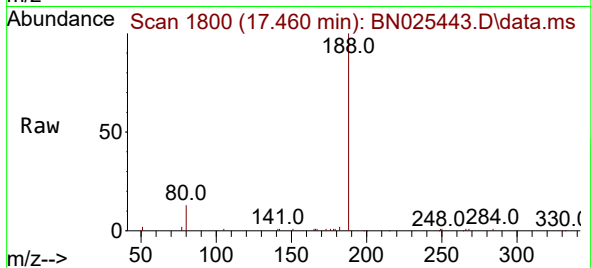
Tgt Ion:188 Resp: 15169

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.8 8.7 13.1



#20

4,6-Dinitro-2-methylphenol

Concen: 0.133 ng

RT: 15.821 min Scan# 1668

Delta R.T. -0.025 min

Lab File: BN025443.D

Acq: 16 May 2023 15:00

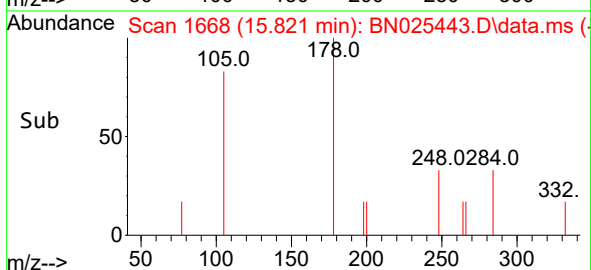
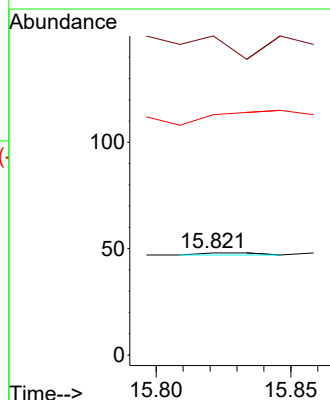
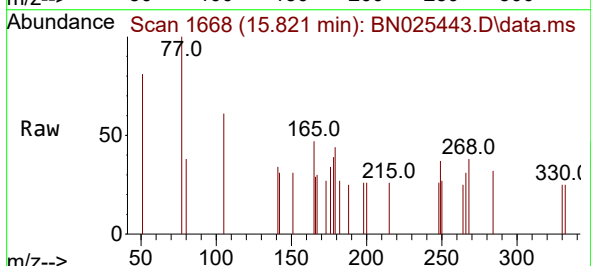
Tgt Ion:198 Resp: 1

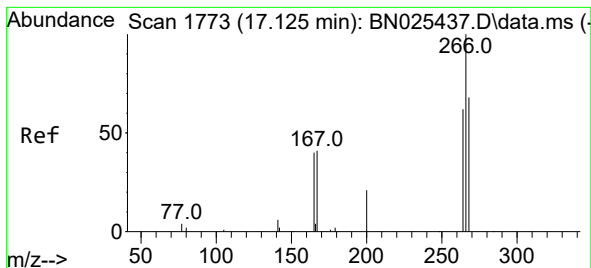
Ion Ratio Lower Upper

198 100

51 312.5 68.5 102.7#

105 235.4 57.6 86.4#





#24

Pentachlorophenol

Concen: 0.208 ng

RT: 17.149 min Scan# 1775

Delta R.T. 0.024 min

Lab File: BN025443.D

Acq: 16 May 2023 15:00

Instrument :

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ClientSampleId :

PB152832BL

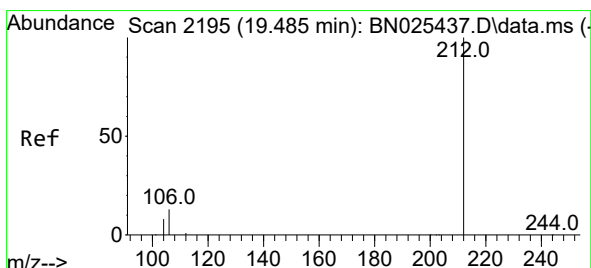
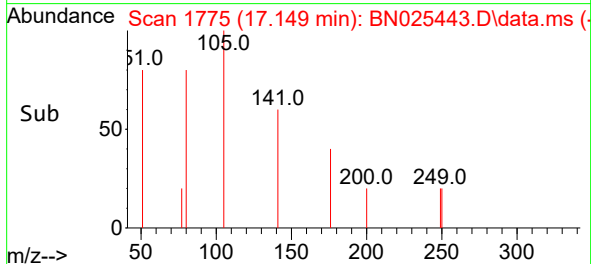
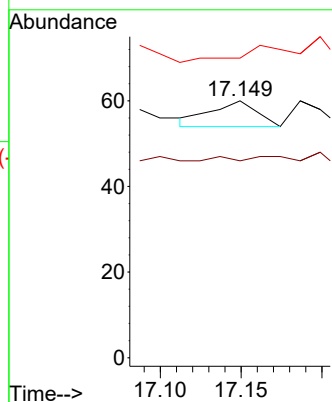
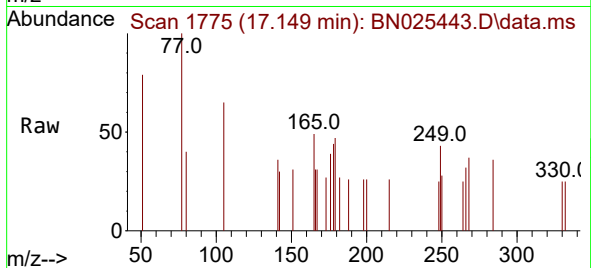
Tgt Ion:266 Resp: 12

Ion Ratio Lower Upper

266 100

264 16.7 49.5 74.3#

268 0.0 51.0 76.4#



#27

Fluoranthene-d10

Concen: 0.421 ng

RT: 19.490 min Scan# 2196

Delta R.T. 0.004 min

Lab File: BN025443.D

Acq: 16 May 2023 15:00

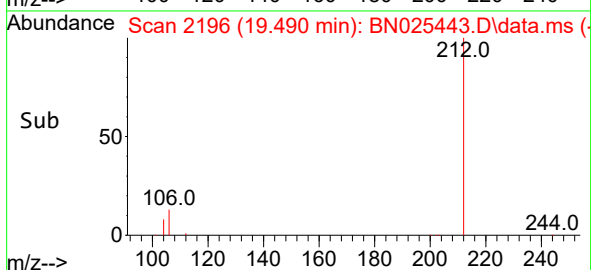
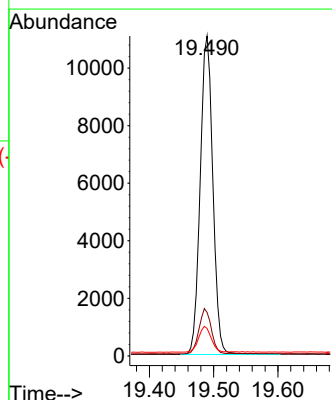
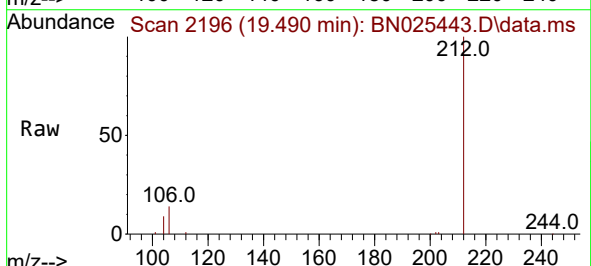
Tgt Ion:212 Resp: 15199

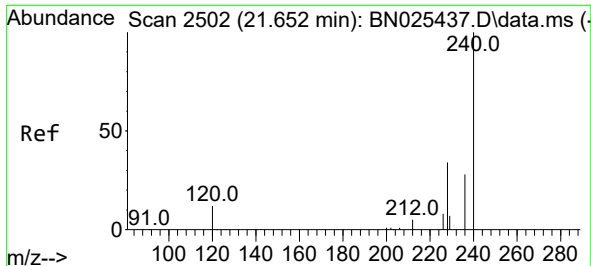
Ion Ratio Lower Upper

212 100

106 13.7 11.1 16.7

104 7.9 6.6 10.0

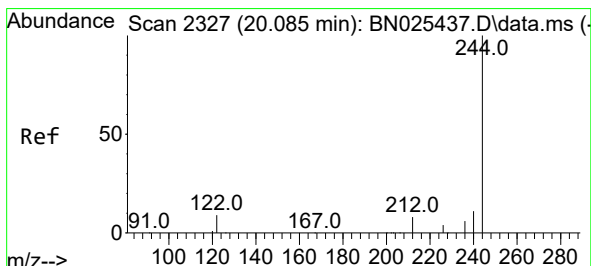
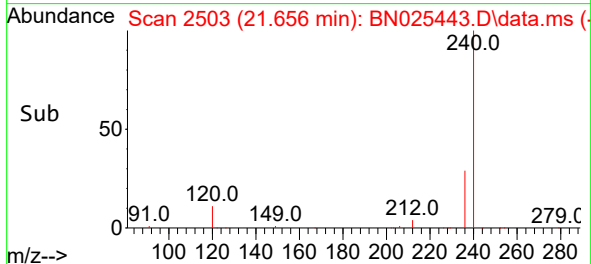
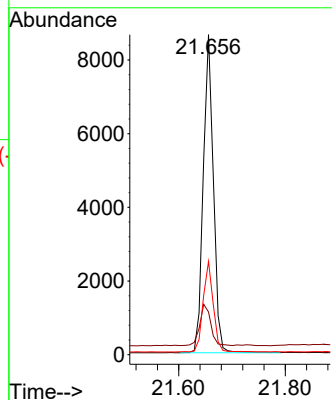
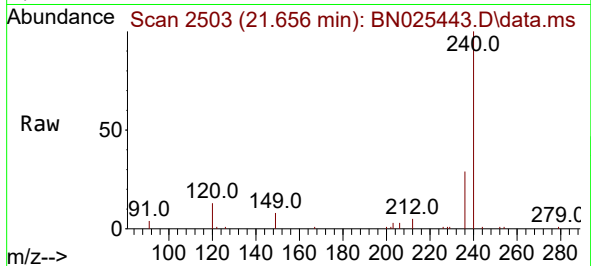




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.656 min Scan# 21
Delta R.T. 0.004 min
Lab File: BN025443.D
Acq: 16 May 2023 15:00

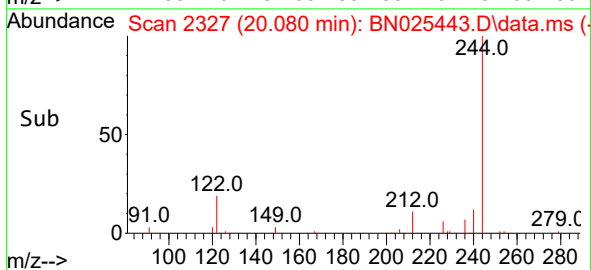
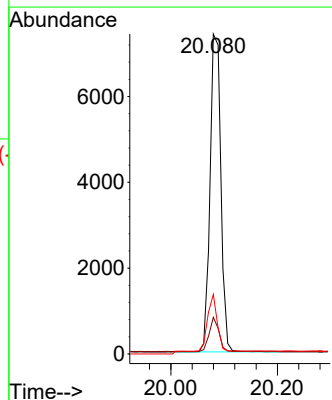
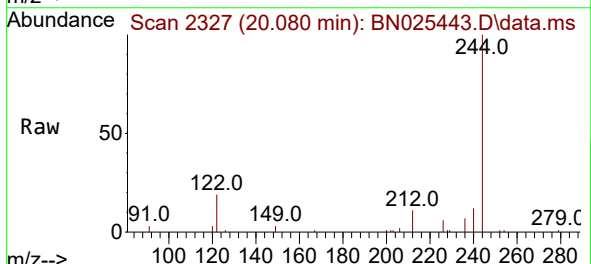
Instrument :
BNA_N
ClientSampleId :
PB152832BL

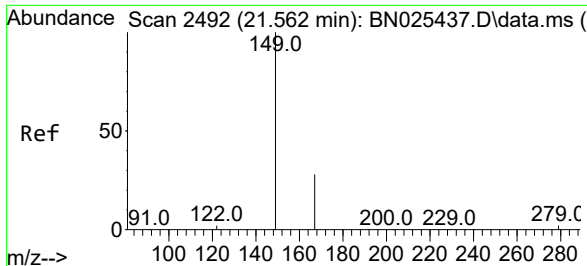
Tgt Ion:240 Resp: 11392
Ion Ratio Lower Upper
240 100
120 13.4 11.6 17.4
236 29.2 22.9 34.3



#31
Terphenyl-d14
Concen: 0.503 ng
RT: 20.080 min Scan# 2327
Delta R.T. -0.005 min
Lab File: BN025443.D
Acq: 16 May 2023 15:00

Tgt Ion:244 Resp: 10407
Ion Ratio Lower Upper
244 100
212 11.4 6.9 10.3#
122 18.6 7.4 11.2#

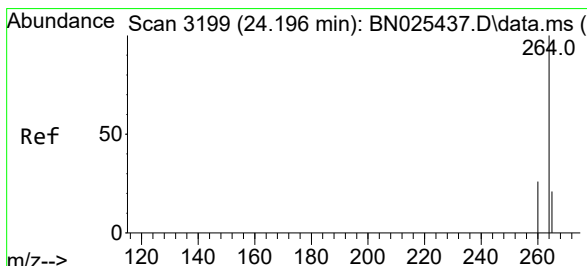
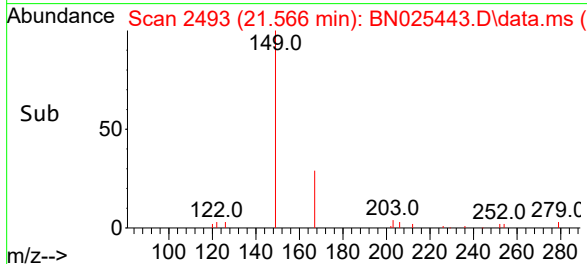
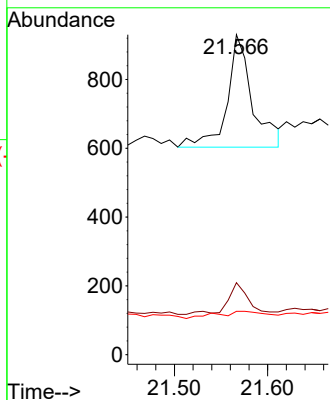
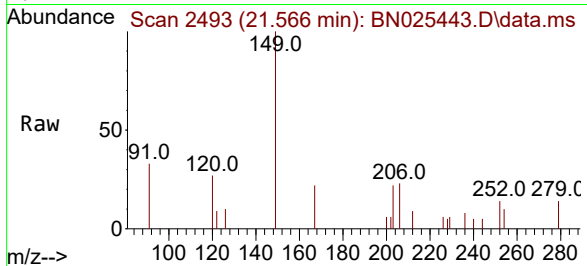




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.026 ng
 RT: 21.566 min Scan# 2492
 Delta R.T. 0.004 min
 Lab File: BN025443.D
 Acq: 16 May 2023 15:00

Instrument :
 BNA_N
 ClientSampleId :
 PB152832BL

Tgt Ion:149 Resp: 616
 Ion Ratio Lower Upper
 149 100
 167 22.7 22.2 33.4
 279 12.8 2.5 3.7#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.186 min Scan# 3195
 Delta R.T. -0.010 min
 Lab File: BN025443.D
 Acq: 16 May 2023 15:00

Tgt Ion:264 Resp: 11870
 Ion Ratio Lower Upper
 264 100
 260 27.2 21.0 31.6
 265 38.3 25.5 38.3#

