

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121222\
 Data File : BN023141.D
 Acq On : 12 Dec 2022 18:38
 Operator : CG/JU
 Sample : N6001-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-1

Quant Time: Dec 13 05:46:06 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 12 05:18:26 2022
 Response via : Initial Calibration

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

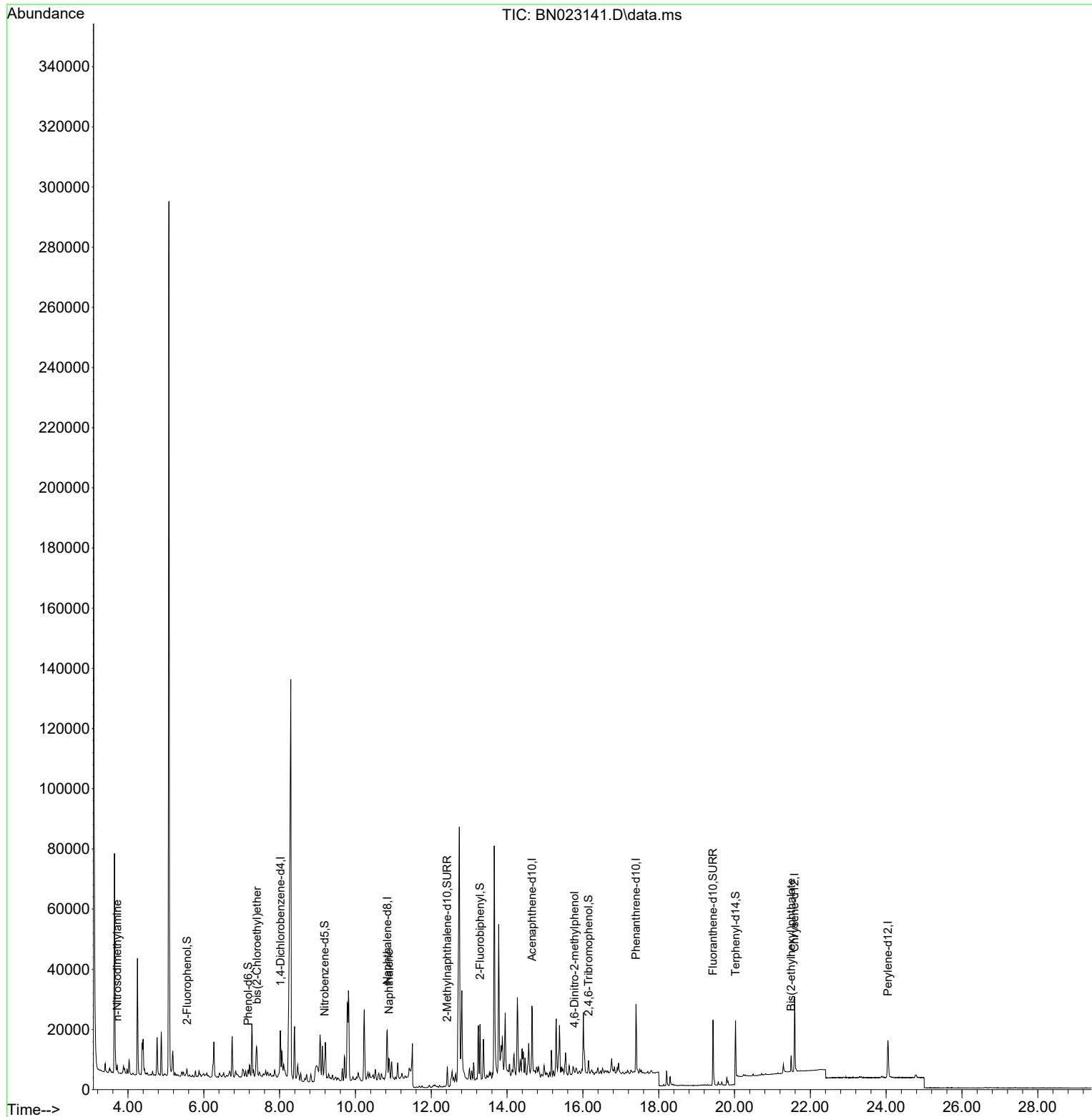
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.020	152	6879	0.400	ng	0.00
7) Naphthalene-d8	10.840	136	21362	0.400	ng	0.00
13) Acenaphthene-d10	14.655	164	15356	0.400	ng	# 0.00
19) Phenanthrene-d10	17.402	188	27743	0.400	ng	# 0.00
29) Chrysene-d12	21.584	240	21842	0.400	ng	# 0.00
35) Perylene-d12	24.046	264	18461	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.557	112	2040	0.159	ng	0.00
5) Phenol-d6	7.168	99	1541	0.095	ng	0.00
8) Nitrobenzene-d5	9.185	82	4600	0.327	ng	0.00
11) 2-Methylnaphthalene-d10	12.423	152	8521	0.235	ng	0.00
14) 2,4,6-Tribromophenol	16.148	330	2215	0.398	ng	0.00
15) 2-Fluorobiphenyl	13.287	172	14114	0.230	ng	0.00
27) Fluoranthene-d10	19.435	212	22631	0.348	ng	0.00
31) Terphenyl-d14	20.026	244	11303	0.319	ng	0.00
Target Compounds						
						Qvalue
3) n-Nitrosodimethylamine	3.716	42	374	0.056	ng	# 1
6) bis(2-Chloroethyl)ether	7.399	93	436	0.024	ng	# 1
9) Naphthalene	10.882	128	5349	0.098	ng	# 75
20) 4,6-Dinitro-2-methylph...	15.776	198	98	0.250	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.495	149	5140	0.173	ng	97

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

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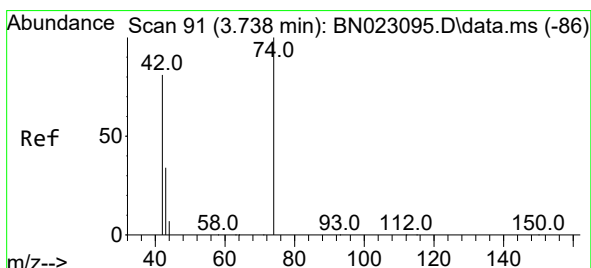
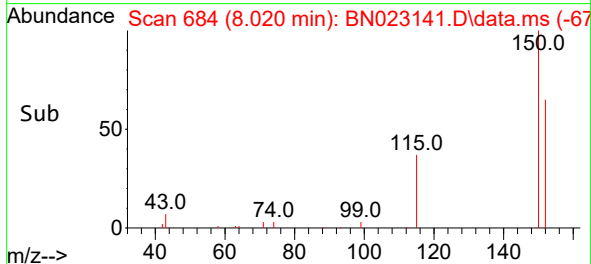
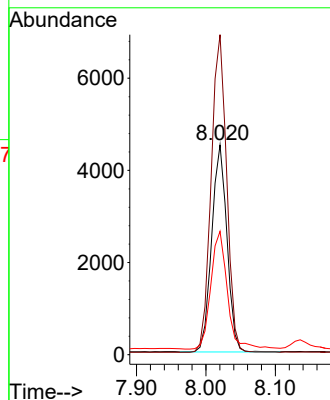
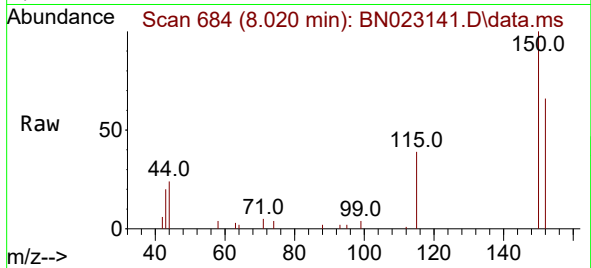




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.020 min Scan# 61
 Delta R.T. -0.001 min
 Lab File: BN023141.D
 Acq: 12 Dec 2022 18:38

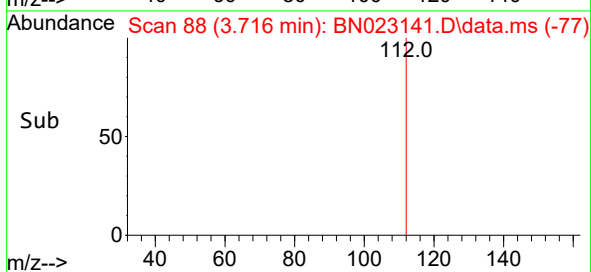
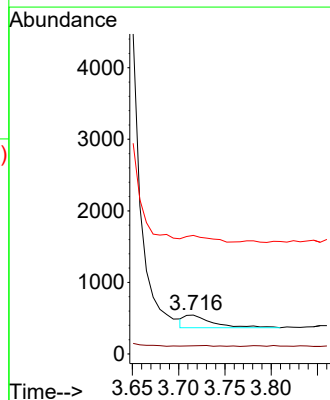
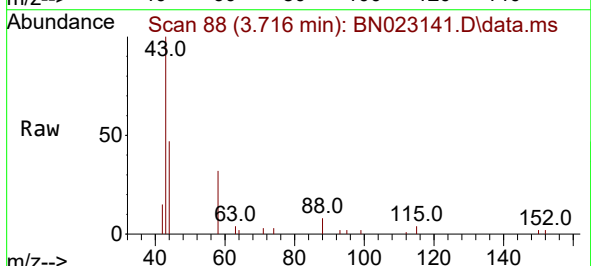
Instrument :
 BNA_N
 ClientSampleId :
 MW-1

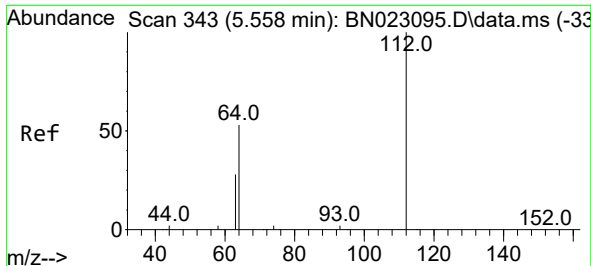
Tgt Ion:152 Resp: 6879
 Ion Ratio Lower Upper
 152 100
 150 152.5 125.6 188.4
 115 58.8 49.0 73.4



#3
 n-Nitrosodimethylamine
 Concen: 0.056 ng
 RT: 3.716 min Scan# 88
 Delta R.T. -0.022 min
 Lab File: BN023141.D
 Acq: 12 Dec 2022 18:38

Tgt Ion: 42 Resp: 374
 Ion Ratio Lower Upper
 42 100
 74 5.9 95.8 143.6#
 44 41.2 8.4 12.6#

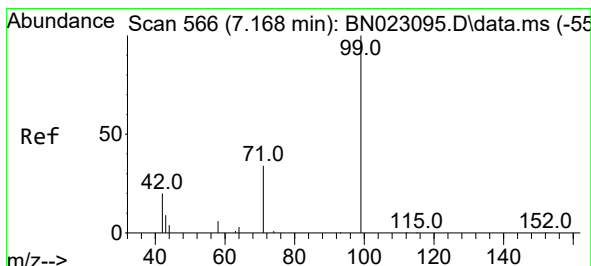
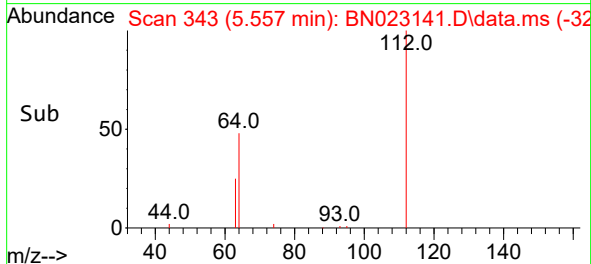
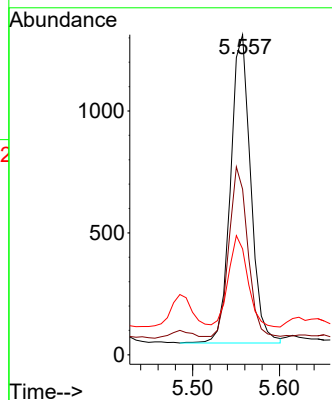
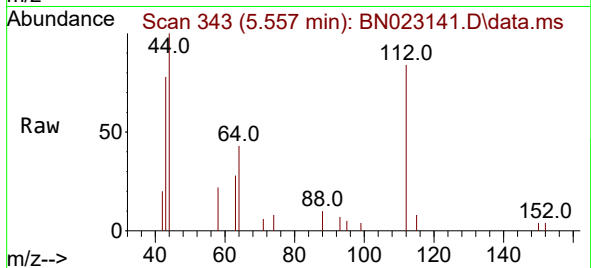




#4
2-Fluorophenol
Concen: 0.159 ng
RT: 5.557 min Scan# 34
Delta R.T. 0.007 min
Lab File: BN023141.D
Acq: 12 Dec 2022 18:38

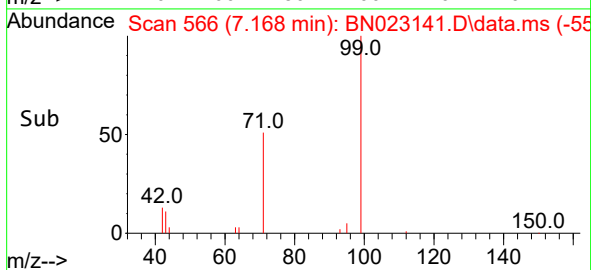
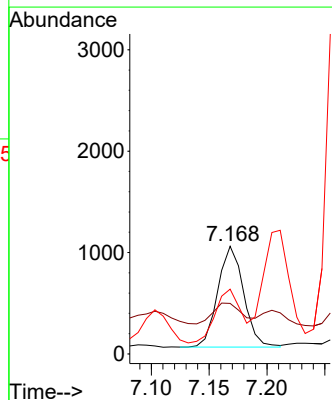
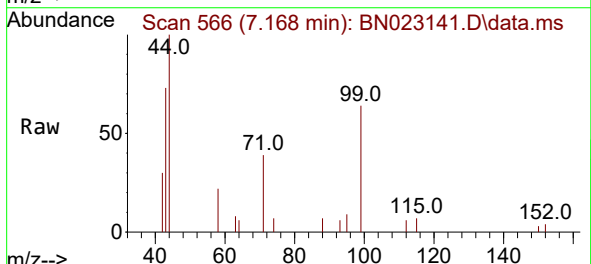
Instrument :
BNA_N
ClientSampleId :
MW-1

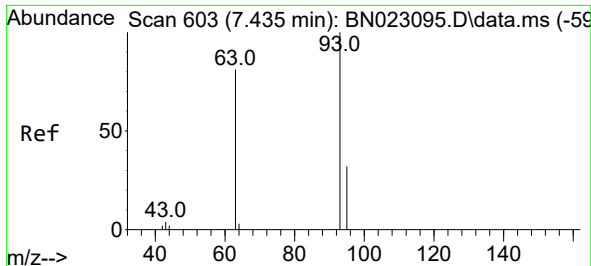
Tgt Ion:112 Resp: 2040
Ion Ratio Lower Upper
112 100
64 51.3 44.4 66.6
63 28.3 23.7 35.5



#5
Phenol-d6
Concen: 0.095 ng
RT: 7.168 min Scan# 566
Delta R.T. -0.000 min
Lab File: BN023141.D
Acq: 12 Dec 2022 18:38

Tgt Ion: 99 Resp: 1541
Ion Ratio Lower Upper
99 100
42 22.6 16.3 24.5
71 52.8 26.5 39.7#

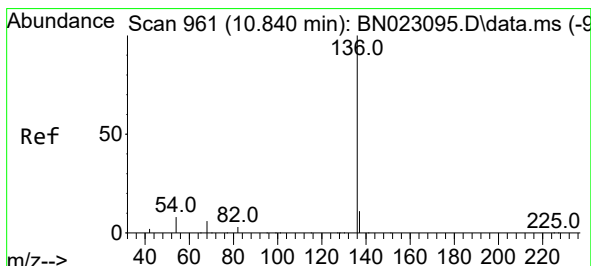
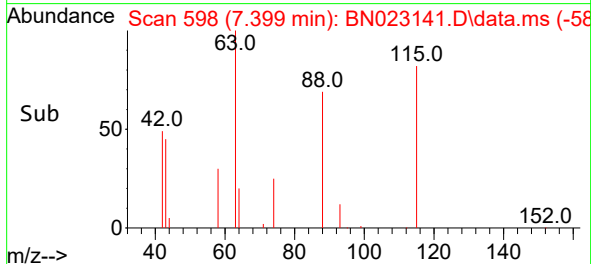
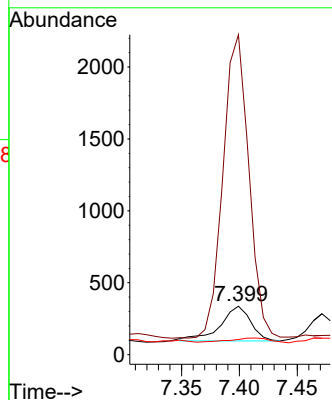
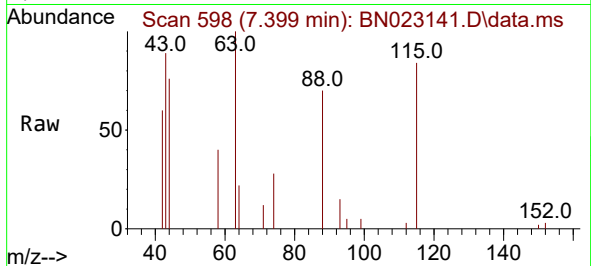




#6
bis(2-Chloroethyl)ether
Concen: 0.024 ng
RT: 7.399 min Scan# 598
Delta R.T. -0.037 min
Lab File: BN023141.D
Acq: 12 Dec 2022 18:38

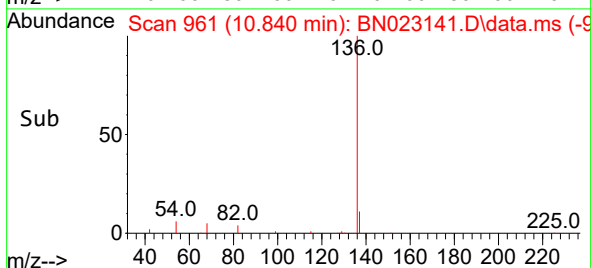
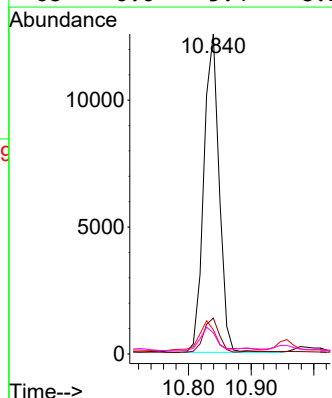
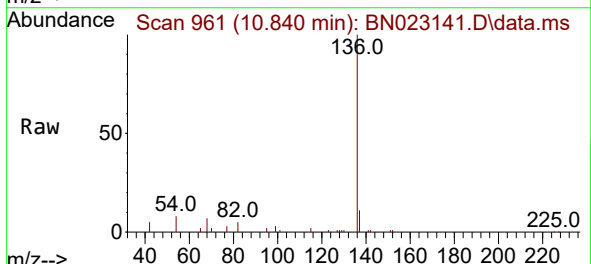
Instrument :
BNA_N
ClientSampleId :
MW-1

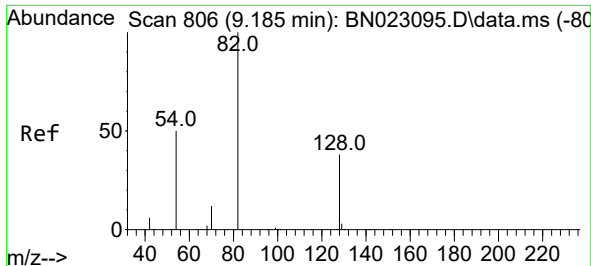
Tgt Ion: 93 Resp: 436
Ion Ratio Lower Upper
93 100
63 752.5 58.1 87.1#
95 19.3 25.2 37.8#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.840 min Scan# 961
Delta R.T. -0.000 min
Lab File: BN023141.D
Acq: 12 Dec 2022 18:38

Tgt Ion:136 Resp: 21362
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 7.6 6.5 9.7
68 6.6 5.4 8.2

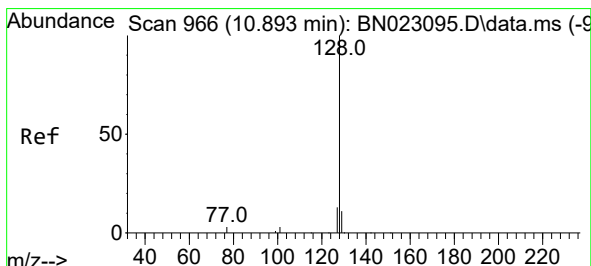
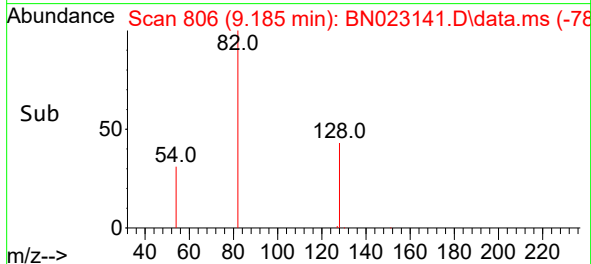
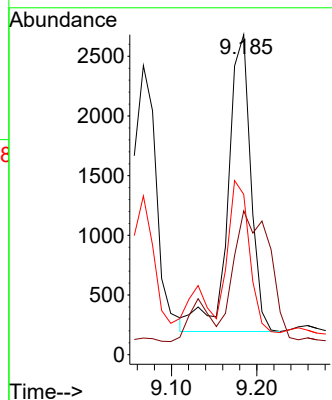
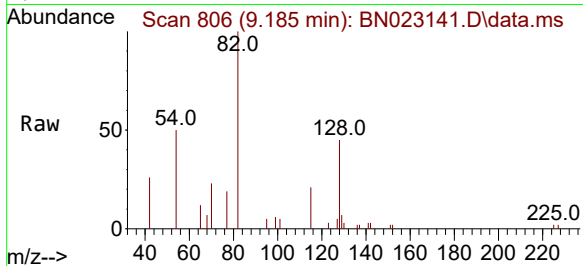




#8
Nitrobenzene-d5
Concen: 0.327 ng
RT: 9.185 min Scan# 806
Delta R.T. -0.000 min
Lab File: BN023141.D
Acq: 12 Dec 2022 18:38

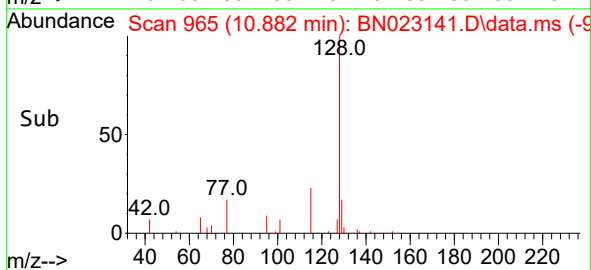
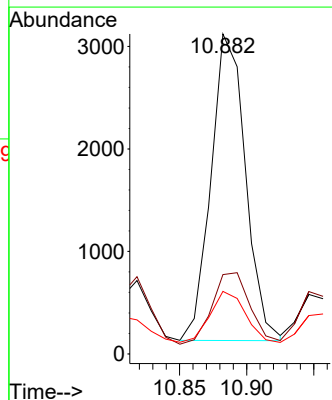
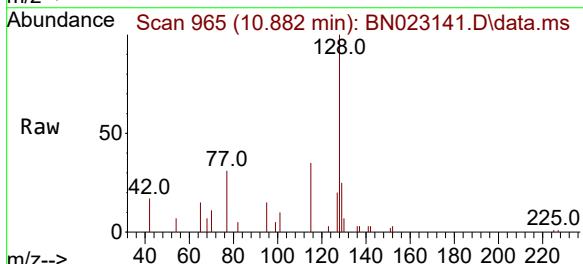
Instrument :
BNA_N
ClientSampleId :
MW-1

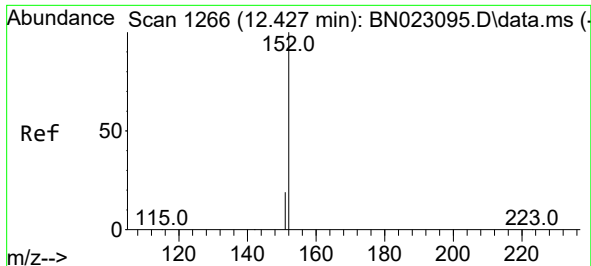
Tgt Ion: 82 Resp: 4600
Ion Ratio Lower Upper
82 100
128 45.0 31.4 47.2
54 50.1 41.0 61.4



#9
Naphthalene
Concen: 0.098 ng
RT: 10.882 min Scan# 965
Delta R.T. -0.000 min
Lab File: BN023141.D
Acq: 12 Dec 2022 18:38

Tgt Ion: 128 Resp: 5349
Ion Ratio Lower Upper
128 100
129 24.8 9.0 13.6#
127 19.5 10.5 15.7#

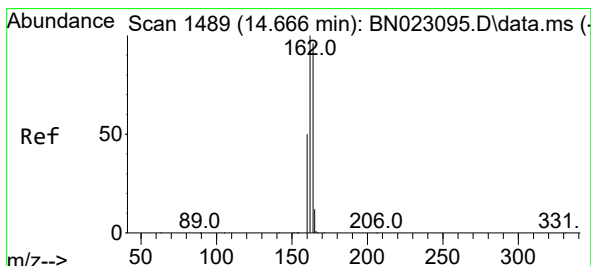
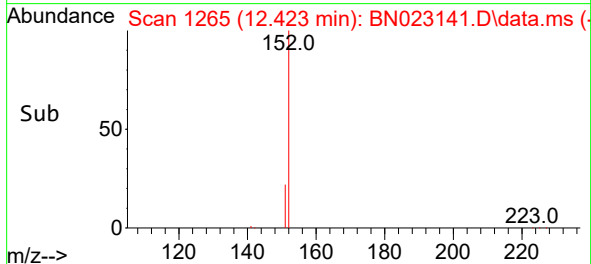
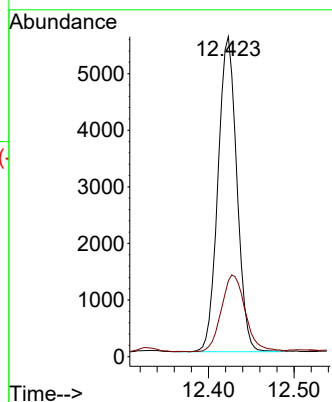
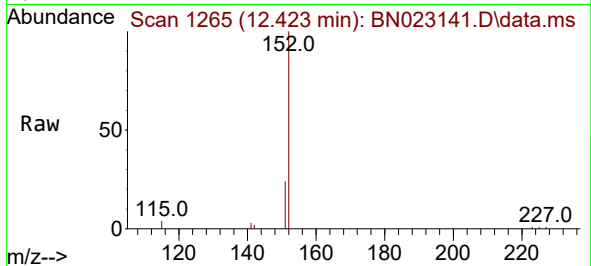




#11
2-Methylnaphthalene-d10
Concen: 0.235 ng
RT: 12.423 min Scan# 11
Delta R.T. 0.003 min
Lab File: BN023141.D
Acq: 12 Dec 2022 18:38

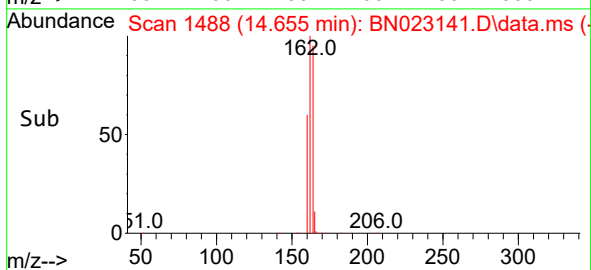
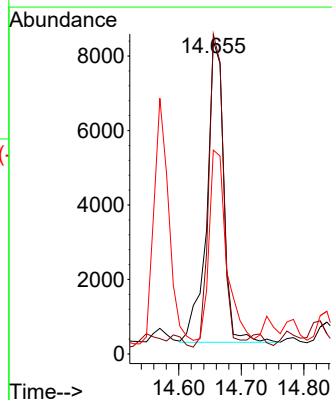
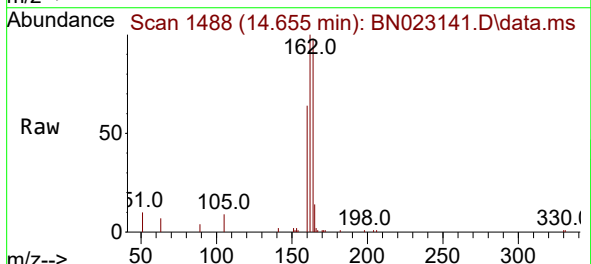
Instrument :
BNA_N
ClientSampleId :
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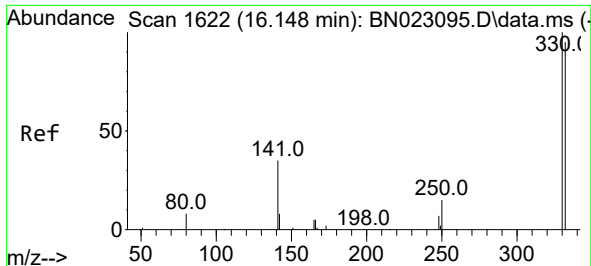
Tgt Ion:152 Resp: 8521
Ion Ratio Lower Upper
152 100
151 31.2 15.1 22.7#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.655 min Scan# 1488
Delta R.T. -0.000 min
Lab File: BN023141.D
Acq: 12 Dec 2022 18:38

Tgt Ion:164 Resp: 15356
Ion Ratio Lower Upper
164 100
162 102.1 83.4 125.0
160 65.1 41.8 62.8#

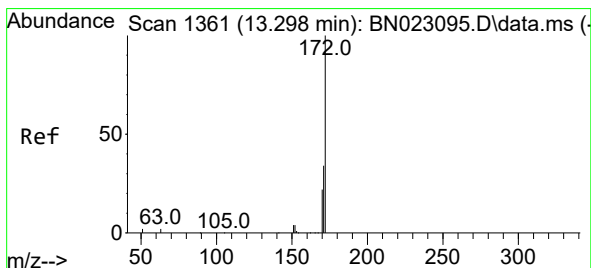
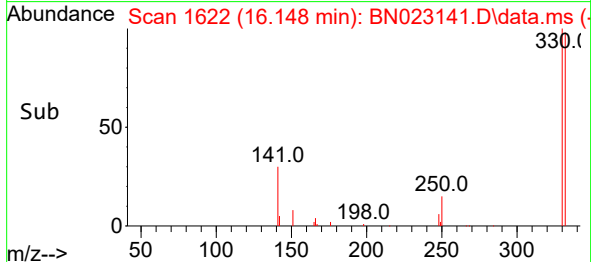
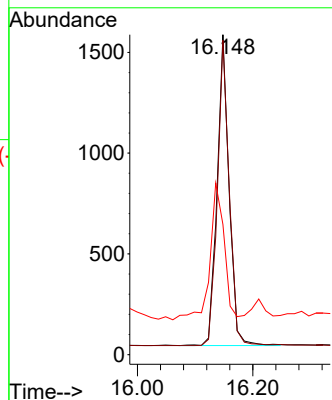
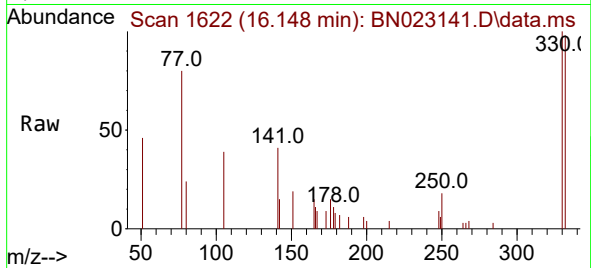




#14
2,4,6-Tribromophenol
Concen: 0.398 ng
RT: 16.148 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN023141.D
Acq: 12 Dec 2022 18:38

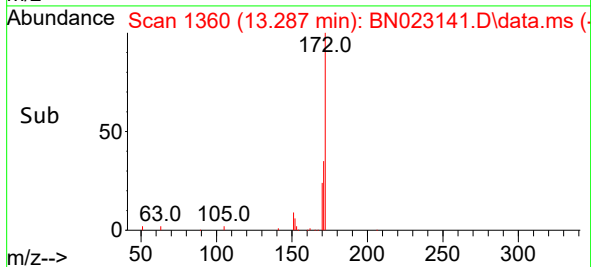
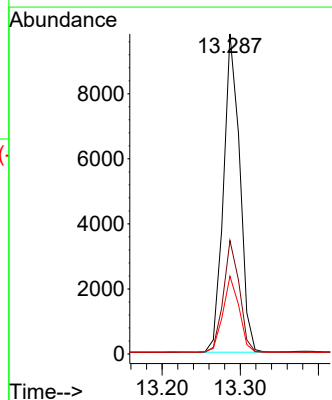
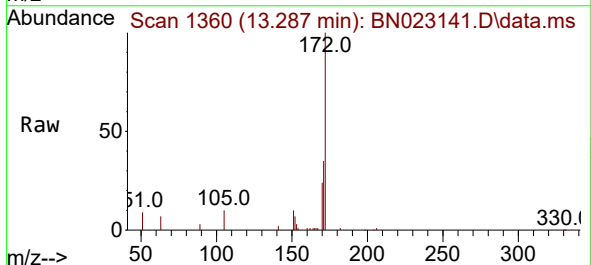
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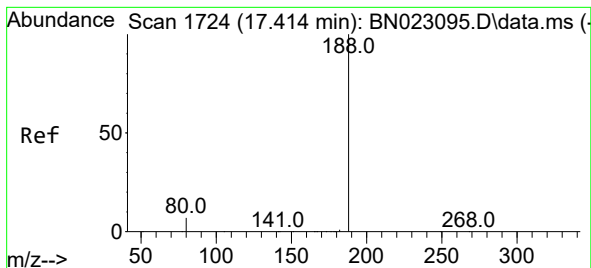
Tgt Ion:330 Resp: 2215
Ion Ratio Lower Upper
330 100
332 96.9 77.3 115.9
141 46.8 33.5 50.3



#15
2-Fluorobiphenyl
Concen: 0.230 ng
RT: 13.287 min Scan# 1360
Delta R.T. -0.000 min
Lab File: BN023141.D
Acq: 12 Dec 2022 18:38

Tgt Ion:172 Resp: 14114
Ion Ratio Lower Upper
172 100
171 35.5 27.4 41.0
170 24.3 17.9 26.9





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.402 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN023141.D

Acq: 12 Dec 2022 18:38

Instrument :

BNA_N

ClientSampleId :

MW-1

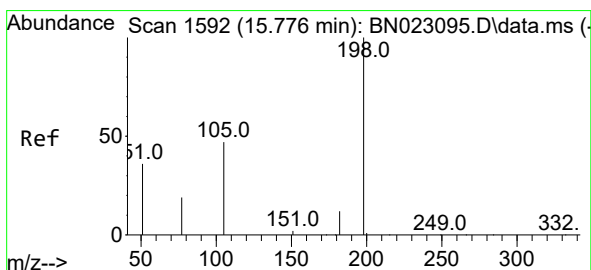
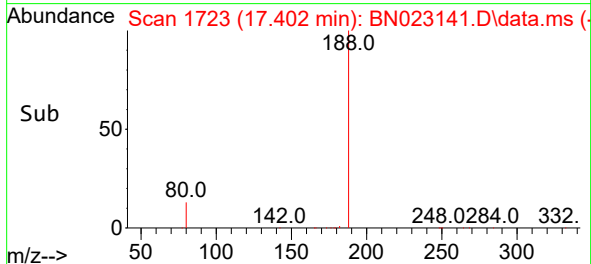
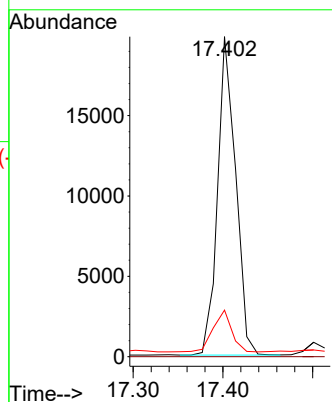
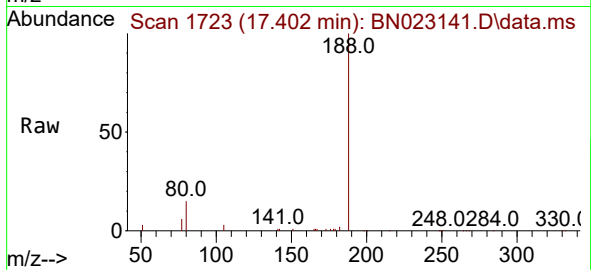
Tgt Ion:188 Resp: 27743

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 14.5 6.1 9.1#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.250 ng

RT: 15.776 min Scan# 1592

Delta R.T. -0.000 min

Lab File: BN023141.D

Acq: 12 Dec 2022 18:38

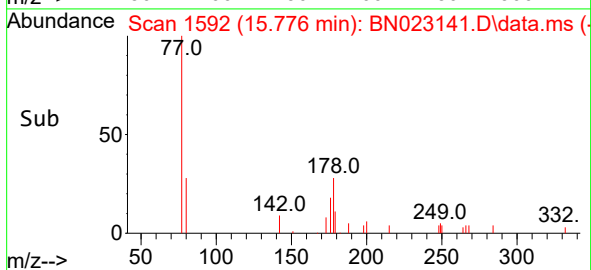
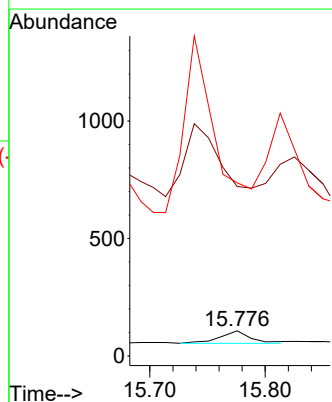
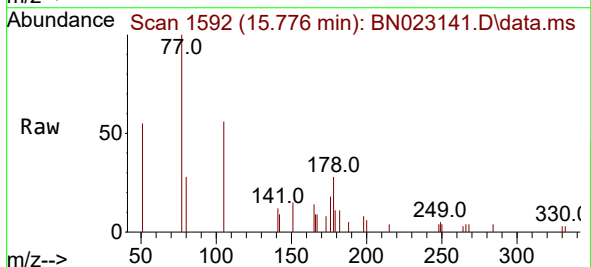
Tgt Ion:198 Resp: 98

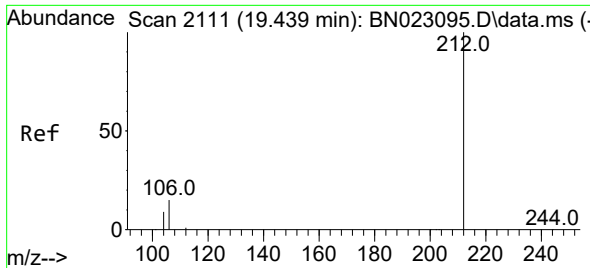
Ion Ratio Lower Upper

198 100

51 673.8 57.0 85.4#

105 688.8 47.2 70.8#

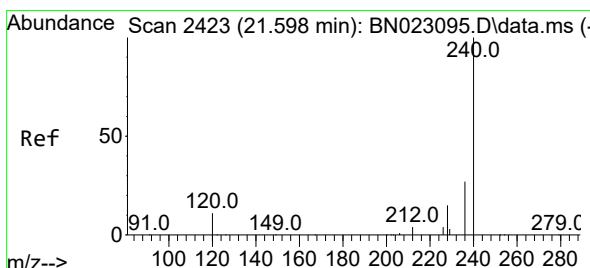
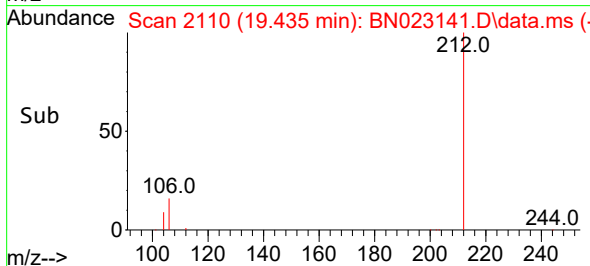
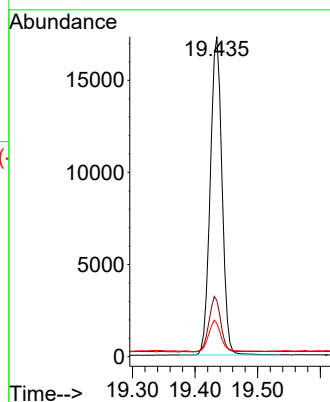
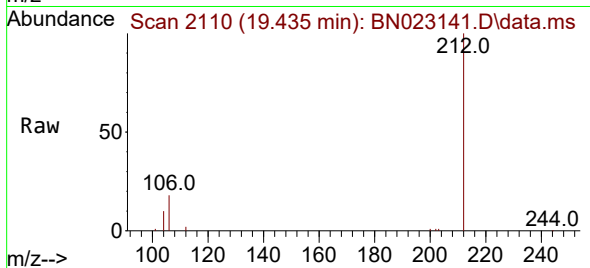




#27
Fluoranthene-d10
Concen: 0.348 ng
RT: 19.435 min Scan# 2111
Delta R.T. -0.000 min
Lab File: BN023141.D
Acq: 12 Dec 2022 18:38

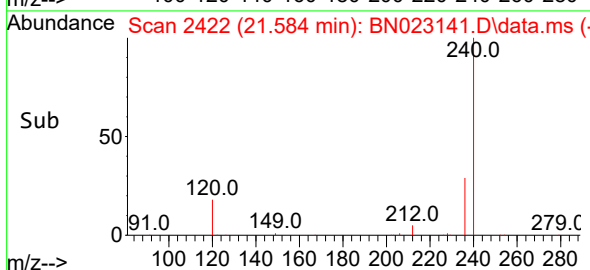
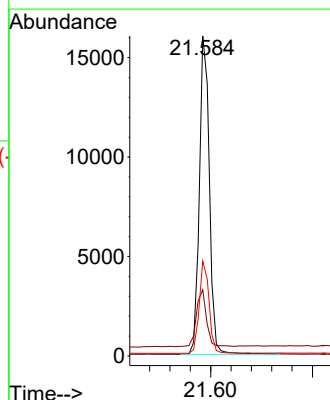
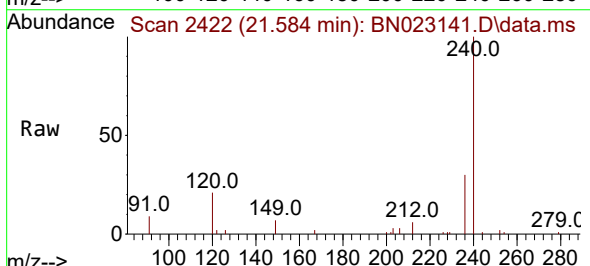
Instrument :
BNA_N
ClientSampleId :
MW-1

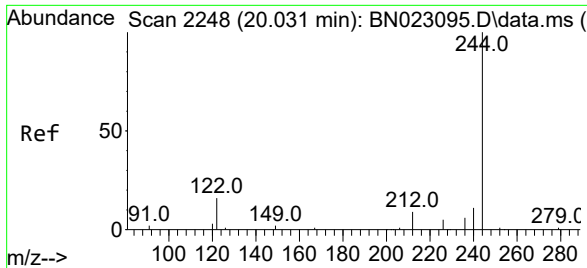
Tgt Ion:212 Resp: 22631
Ion Ratio Lower Upper
212 100
106 17.3 13.0 19.4
104 9.9 7.5 11.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.584 min Scan# 2422
Delta R.T. -0.005 min
Lab File: BN023141.D
Acq: 12 Dec 2022 18:38

Tgt Ion:240 Resp: 21842
Ion Ratio Lower Upper
240 100
120 20.7 10.1 15.1#
236 29.6 22.2 33.4

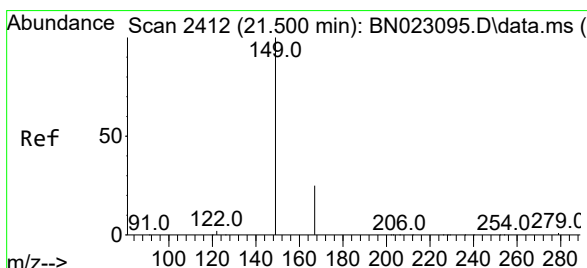
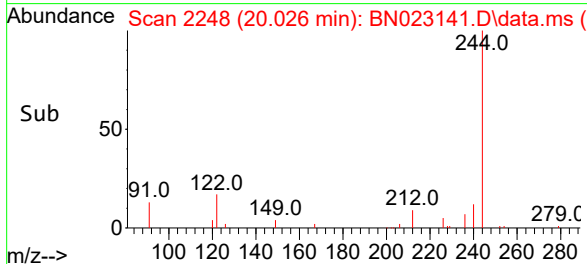
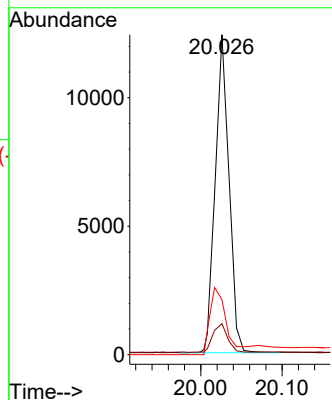
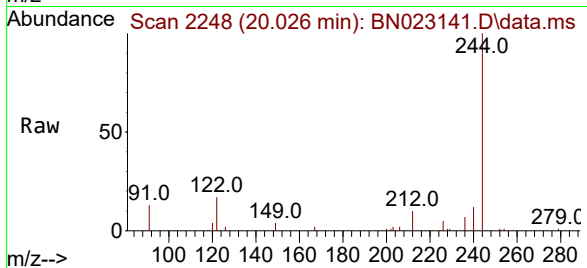




#31
 Terphenyl-d14
 Concen: 0.319 ng
 RT: 20.026 min Scan# 2111
 Delta R.T. -0.005 min
 Lab File: BN023141.D
 Acq: 12 Dec 2022 18:38

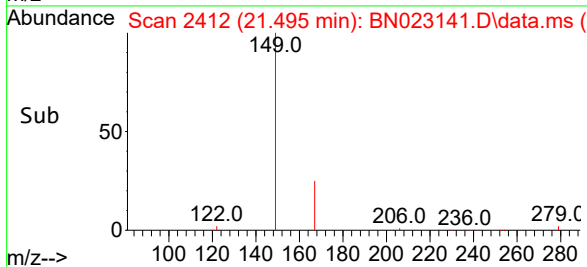
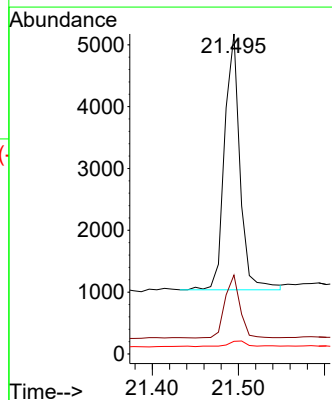
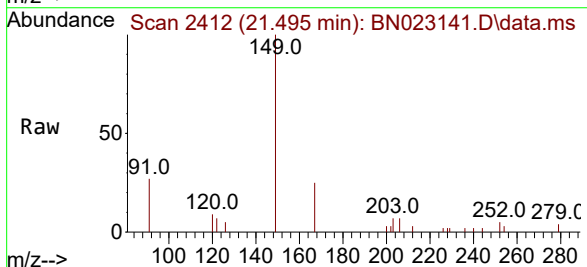
Instrument :
 BNA_N
 ClientSampleId :
 MW-1

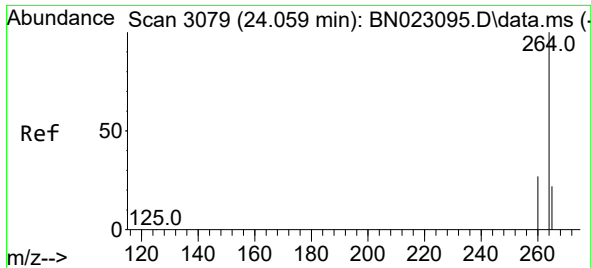
Tgt Ion:244 Resp: 11303
 Ion Ratio Lower Upper
 244 100
 212 9.7 7.6 11.4
 122 17.2 12.6 18.8



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.173 ng
 RT: 21.495 min Scan# 2412
 Delta R.T. 0.004 min
 Lab File: BN023141.D
 Acq: 12 Dec 2022 18:38

Tgt Ion:149 Resp: 5140
 Ion Ratio Lower Upper
 149 100
 167 23.8 20.2 30.2
 279 2.9 2.3 3.5





#35
Perylene-d12
Concen: 0.400 ng
RT: 24.046 min Scan# 30
Delta R.T. -0.005 min
Lab File: BN023141.D
Acq: 12 Dec 2022 18:38

Instrument :
BNA_N
ClientSampleId :
MW-1

Tgt Ion:264 Resp: 18461
Ion Ratio Lower Upper
264 100
260 26.9 21.7 32.5
265 47.5 43.2 64.8

