

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031623\
 Data File : BN024343.D
 Acq On : 17 Mar 2023 13:13
 Operator : CG/JU
 Sample : 01880-09
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE105D1-20230309

Quant Time: Mar 17 22:42:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 17 04:37:08 2023
 Response via : Initial Calibration

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

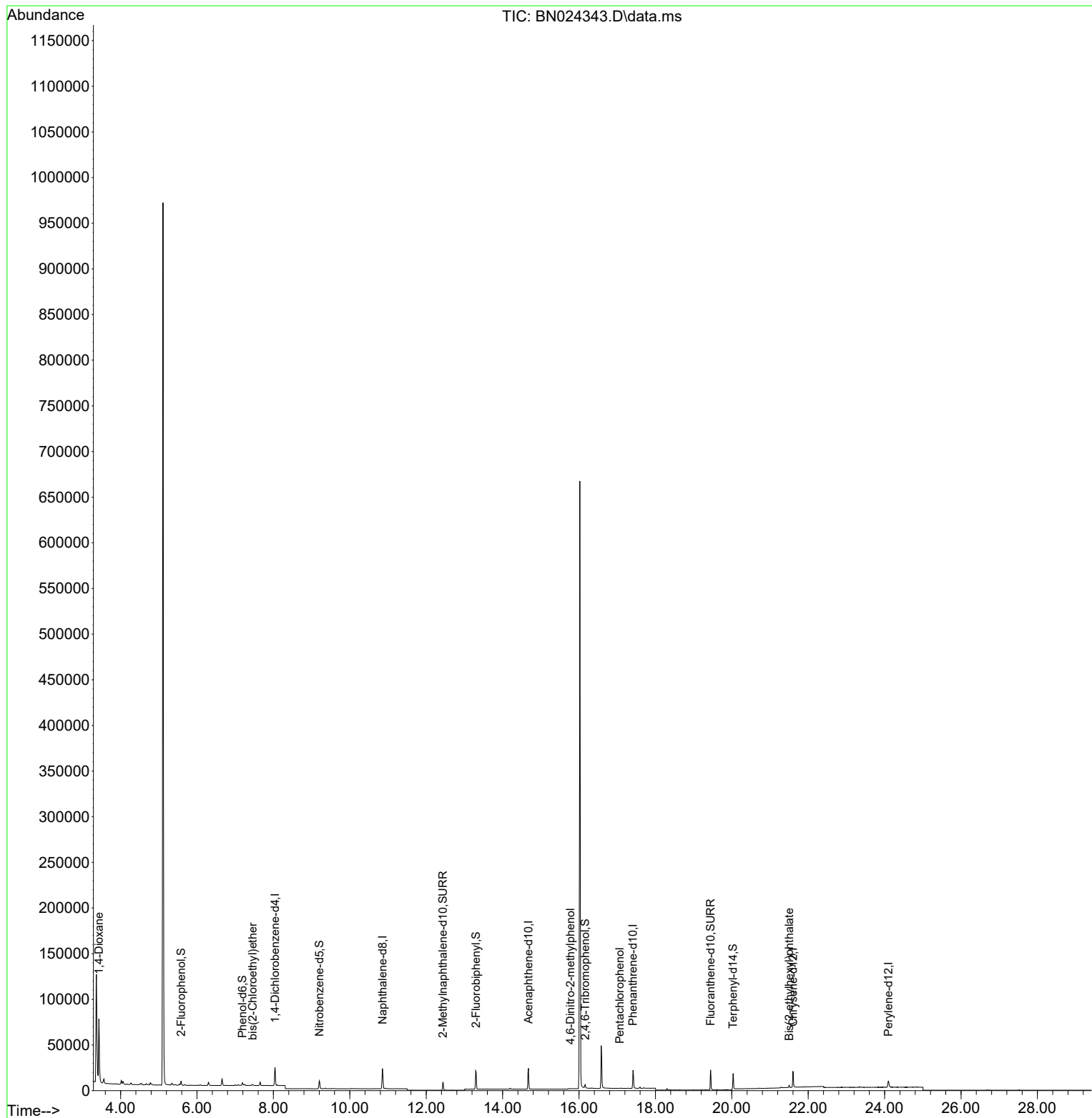
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	9156	0.400	ng	0.00
7) Naphthalene-d8	10.856	136	27112	0.400	ng	# 0.00
13) Acenaphthene-d10	14.675	164	12739	0.400	ng	0.00
19) Phenanthrene-d10	17.413	188	25952	0.400	ng	# 0.00
29) Chrysene-d12	21.601	240	15496	0.400	ng	# 0.00
35) Perylene-d12	24.100	264	10990	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.584	112	3339	0.165	ng	0.00
5) Phenol-d6	7.188	99	2474	0.095	ng	0.00
8) Nitrobenzene-d5	9.201	82	6890	0.380	ng	0.00
11) 2-Methylnaphthalene-d10	12.437	152	11645	0.349	ng	0.00
14) 2,4,6-Tribromophenol	16.159	330	1941	0.298	ng	0.00
15) 2-Fluorobiphenyl	13.307	172	17822	0.370	ng	0.00
27) Fluoranthene-d10	19.446	212	22063	0.401	ng	0.00
31) Terphenyl-d14	20.034	244	11975	0.458	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.432	88	42295	4.245	ng	96
6) bis(2-Chloroethyl)ether	7.455	93	662	0.026	ng	88
20) 4,6-Dinitro-2-methylph...	15.774	198	11	0.180	ng	# 1
24) Pentachlorophenol	17.065	266	64	0.134	ng	# 89
34) Bis(2-ethylhexyl)phtha...	21.502	149	2459	0.101	ng	# 97

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

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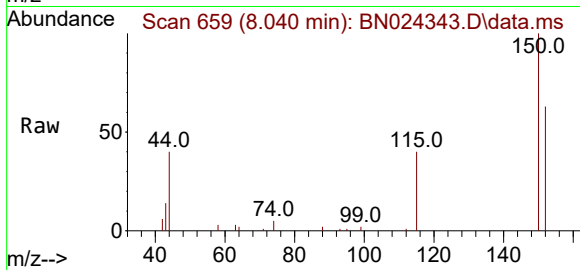
Quant Time: Mar 17 22:42:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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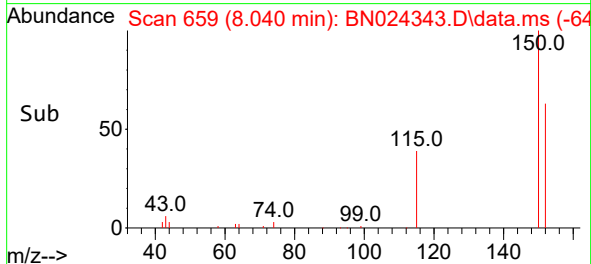
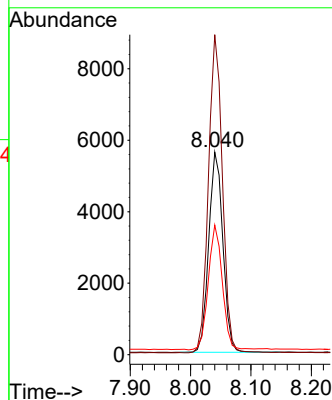


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.040 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN024343.D
 Acq: 17 Mar 2023 13:13

Instrument :
 BNA_N
 ClientSampleId :
 RE105D1-20230309

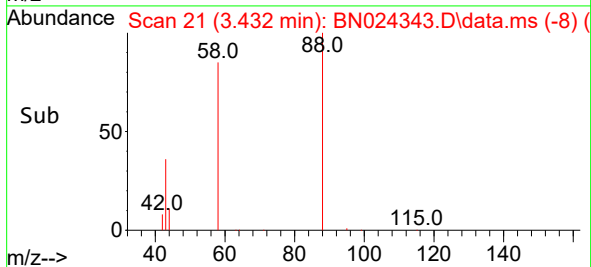
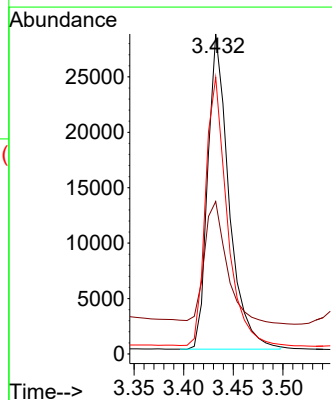
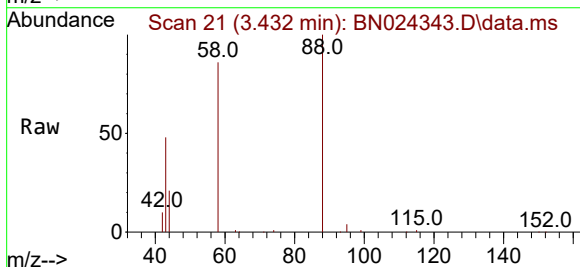


Tgt Ion:152 Resp: 9156
 Ion Ratio Lower Upper
 152 100
 150 158.0 124.7 187.1
 115 64.0 49.1 73.7



#2
 1,4-Dioxane
 Concen: 4.245 ng
 RT: 3.432 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BN024343.D
 Acq: 17 Mar 2023 13:13

Tgt Ion: 88 Resp: 42295
 Ion Ratio Lower Upper
 88 100
 43 40.7 29.0 43.4
 58 86.0 67.3 100.9

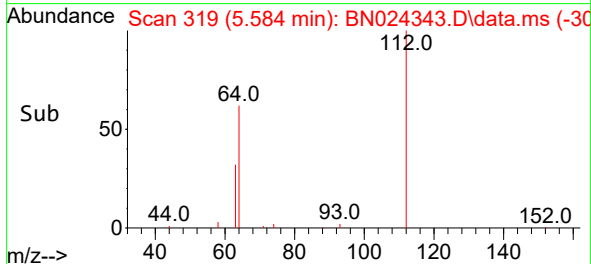
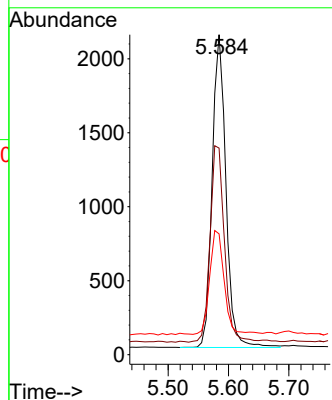
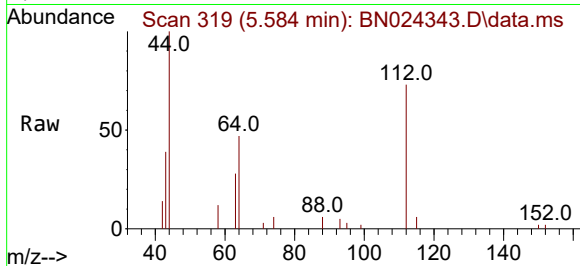




#4
2-Fluorophenol
Concen: 0.165 ng
RT: 5.584 min Scan# 319
Delta R.T. 0.007 min
Lab File: BN024343.D
Acq: 17 Mar 2023 13:13

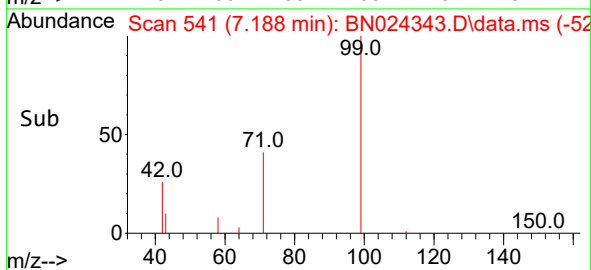
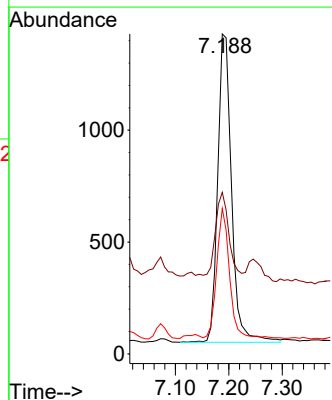
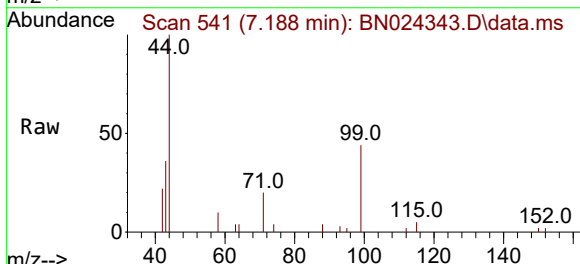
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RE105D1-20230309

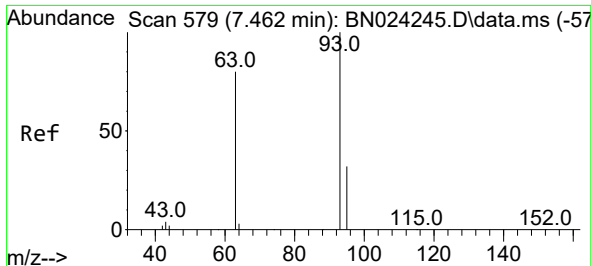
Tgt Ion:112 Resp: 3339
Ion Ratio Lower Upper
112 100
64 65.6 49.0 73.6
63 35.0 25.7 38.5



#5
Phenol-d6
Concen: 0.095 ng
RT: 7.188 min Scan# 541
Delta R.T. 0.000 min
Lab File: BN024343.D
Acq: 17 Mar 2023 13:13

Tgt Ion: 99 Resp: 2474
Ion Ratio Lower Upper
99 100
42 27.2 20.1 30.1
71 39.1 25.8 38.8#

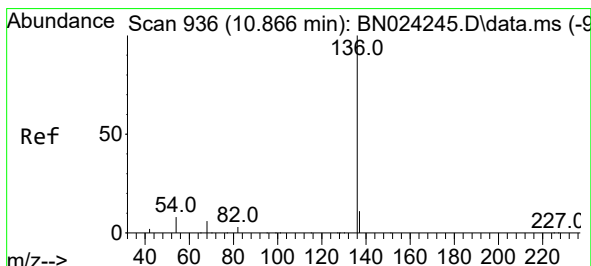
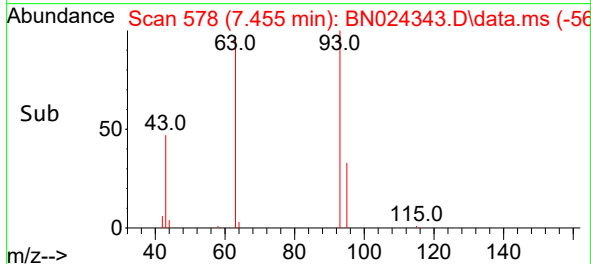
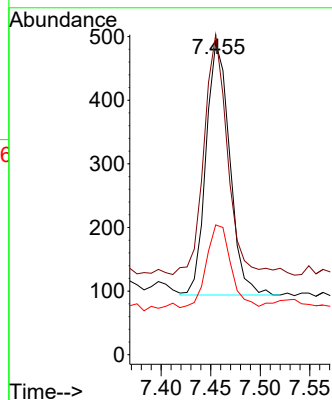
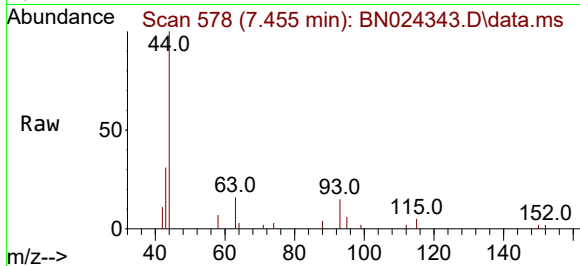




#6
bis(2-Chloroethyl)ether
Concen: 0.026 ng
RT: 7.455 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN024343.D
Acq: 17 Mar 2023 13:13

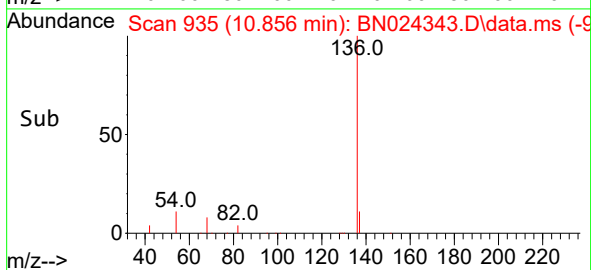
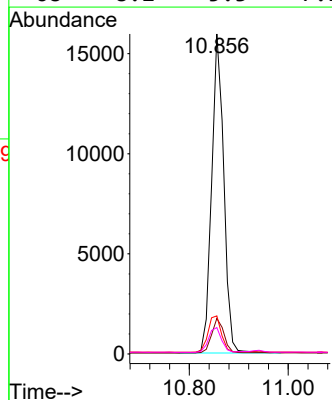
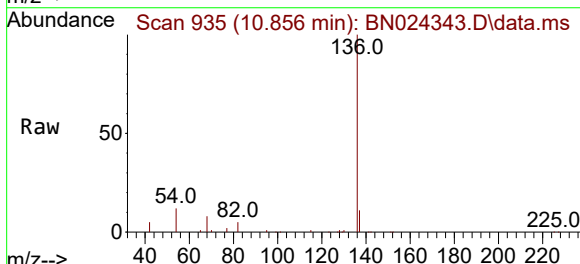
Instrument :
BNA_N
ClientSampleId :
RE105D1-20230309

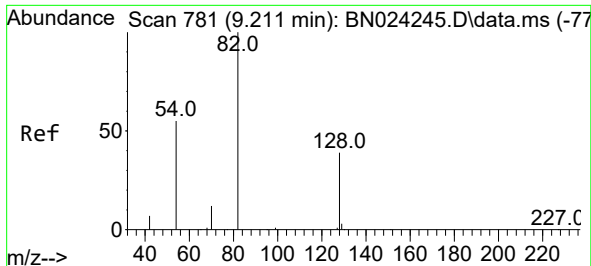
Tgt Ion: 93 Resp: 662
Ion Ratio Lower Upper
93 100
63 95.3 65.4 98.2
95 34.0 25.8 38.8



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.856 min Scan# 935
Delta R.T. 0.000 min
Lab File: BN024343.D
Acq: 17 Mar 2023 13:13

Tgt Ion: 136 Resp: 27112
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 11.9 7.1 10.7#
68 8.2 5.3 7.9#

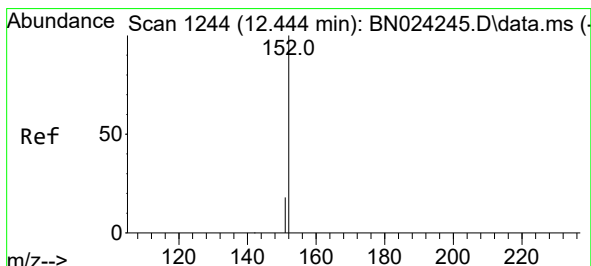
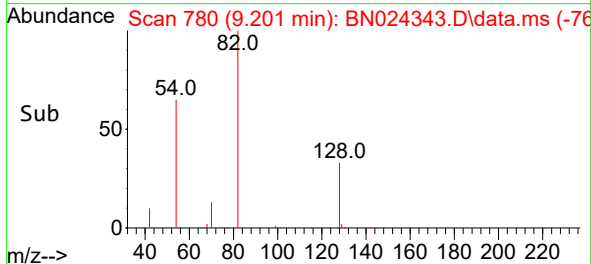
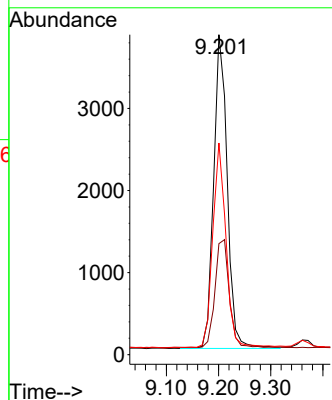
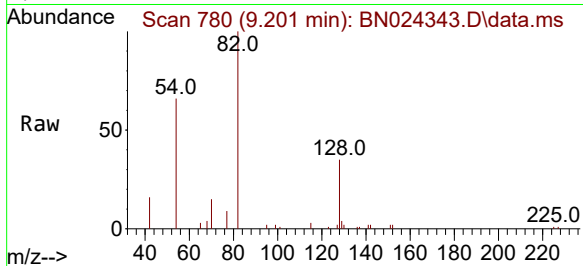




#8
Nitrobenzene-d5
Concen: 0.380 ng
RT: 9.201 min Scan# 781
Delta R.T. 0.000 min
Lab File: BN024343.D
Acq: 17 Mar 2023 13:13

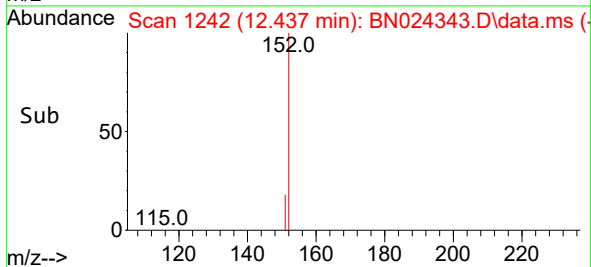
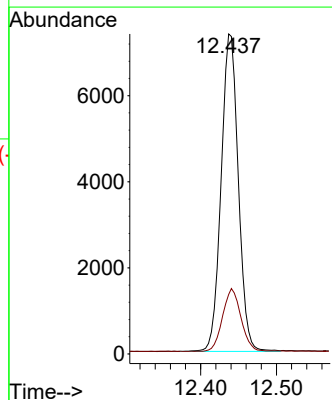
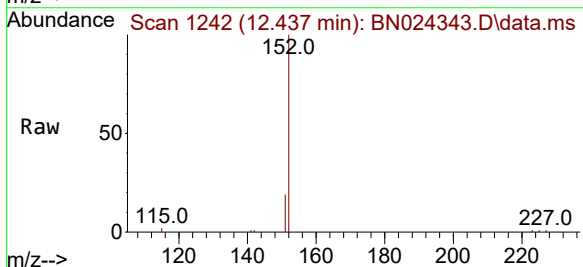
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ClientSampleId :
RE105D1-20230309

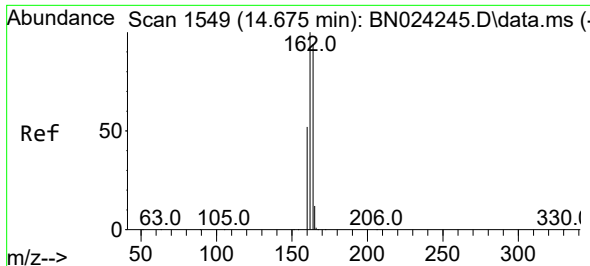
Tgt Ion: 82 Resp: 6890
Ion Ratio Lower Upper
82 100
128 34.7 32.4 48.6
54 66.2 45.2 67.8



#11
2-Methylnaphthalene-d10
Concen: 0.349 ng
RT: 12.437 min Scan# 1242
Delta R.T. -0.004 min
Lab File: BN024343.D
Acq: 17 Mar 2023 13:13

Tgt Ion: 152 Resp: 11645
Ion Ratio Lower Upper
152 100
151 21.4 16.8 25.2

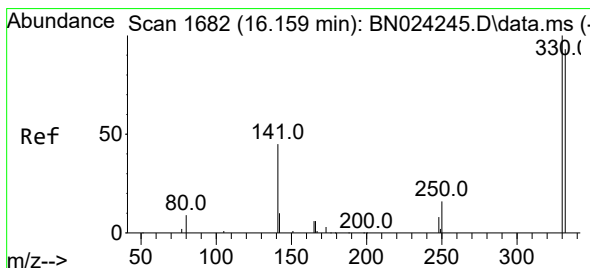
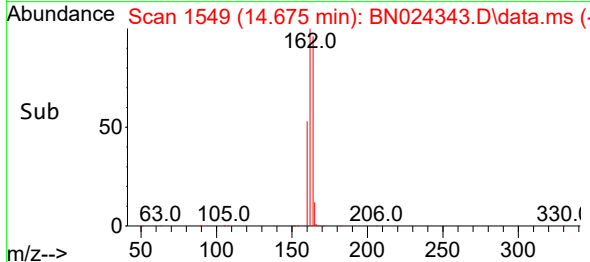
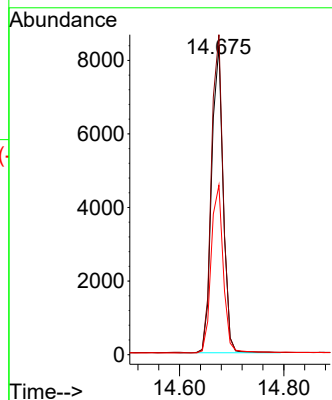
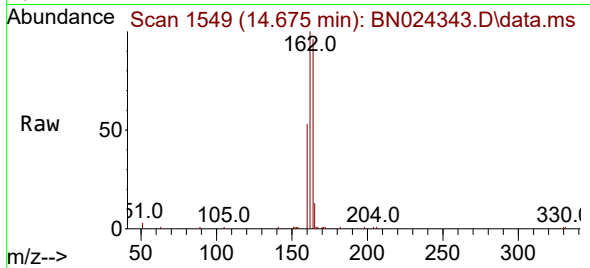




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.675 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN024343.D
Acq: 17 Mar 2023 13:13

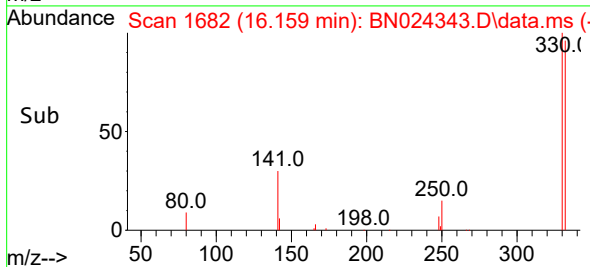
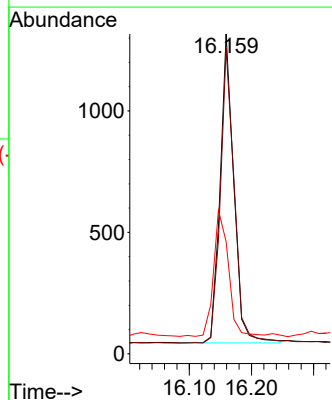
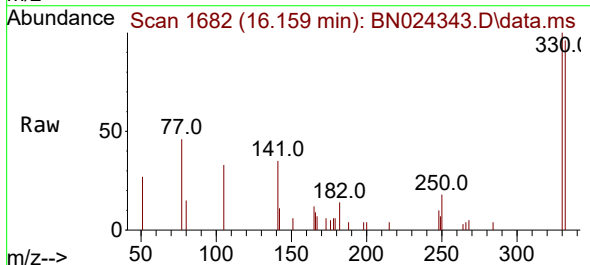
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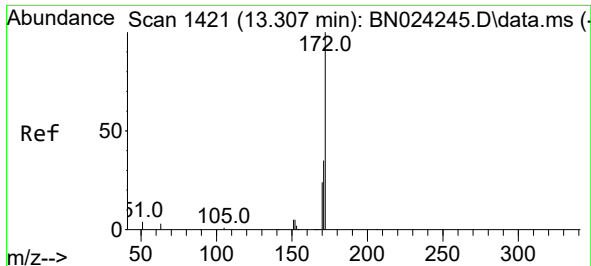
Tgt Ion:164 Resp: 12739
Ion Ratio Lower Upper
164 100
162 103.8 84.7 127.1
160 55.0 44.6 66.8



#14
2,4,6-Tribromophenol
Concen: 0.298 ng
RT: 16.159 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BN024343.D
Acq: 17 Mar 2023 13:13

Tgt Ion:330 Resp: 1941
Ion Ratio Lower Upper
330 100
332 96.9 78.0 117.0
141 45.4 30.8 46.2

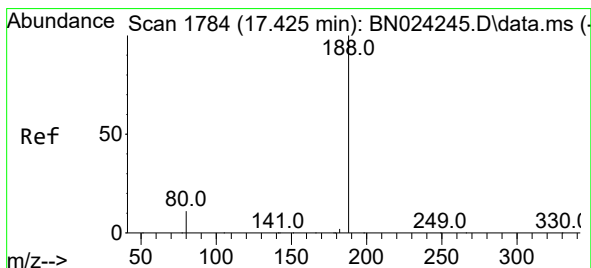
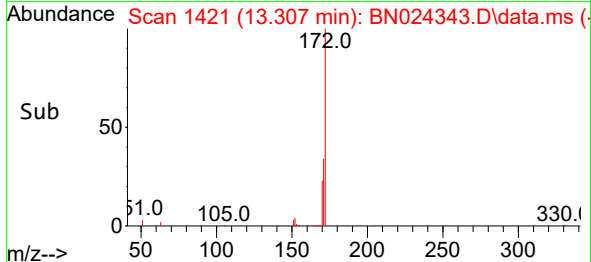
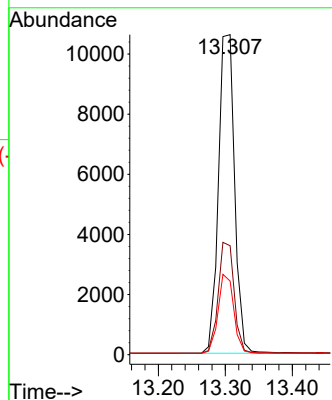
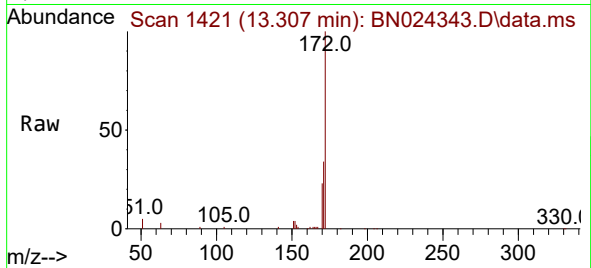




#15
2-Fluorobiphenyl
Concen: 0.370 ng
RT: 13.307 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BN024343.D
Acq: 17 Mar 2023 13:13

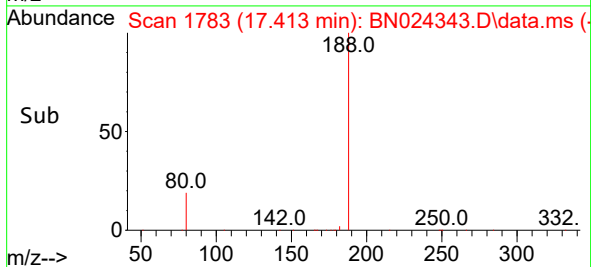
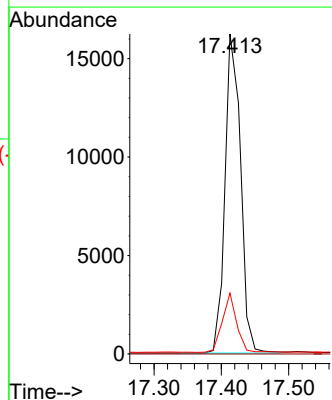
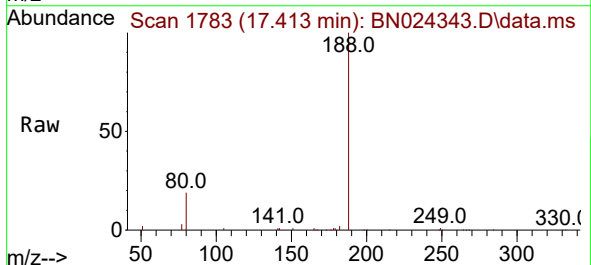
Instrument :
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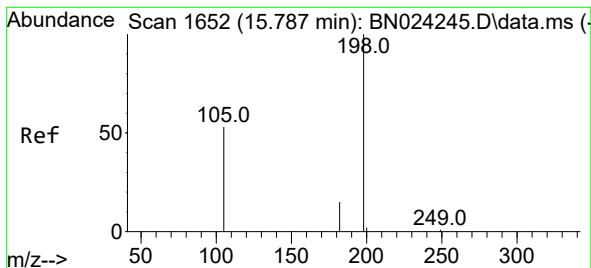
Tgt Ion:172 Resp: 17822
Ion Ratio Lower Upper
172 100
171 34.0 27.8 41.8
170 23.0 19.0 28.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.413 min Scan# 1783
Delta R.T. 0.000 min
Lab File: BN024343.D
Acq: 17 Mar 2023 13:13

Tgt Ion:188 Resp: 25952
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 19.0 8.9 13.3#

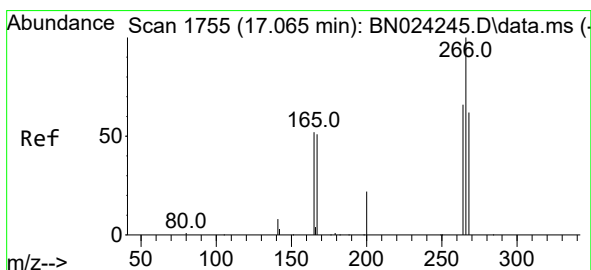
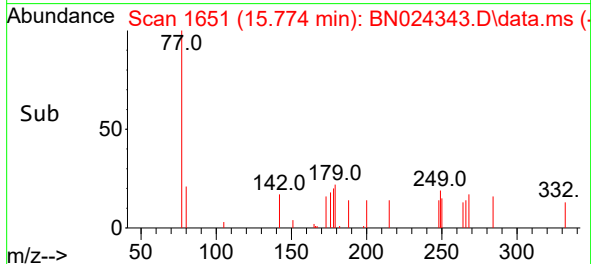
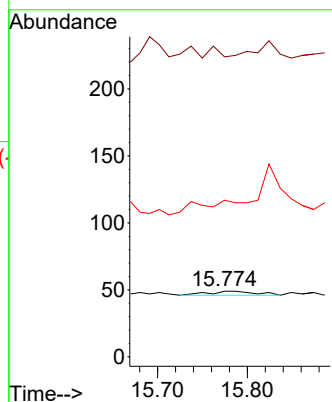
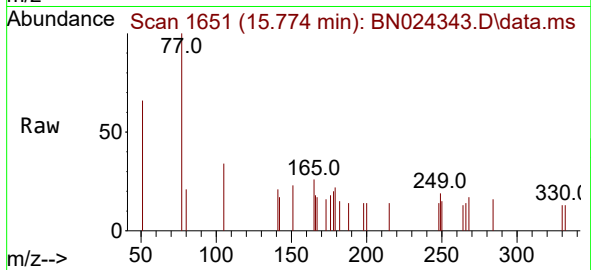




#20
4,6-Dinitro-2-methylphenol
Concen: 0.180 ng
RT: 15.774 min Scan# 1651
Delta R.T. -0.012 min
Lab File: BN024343.D
Acq: 17 Mar 2023 13:13

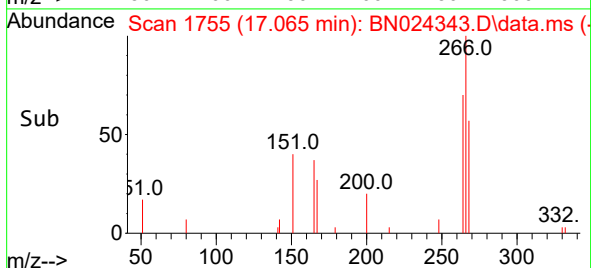
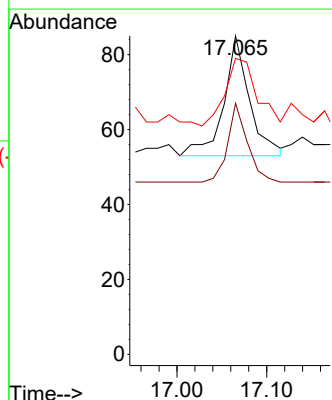
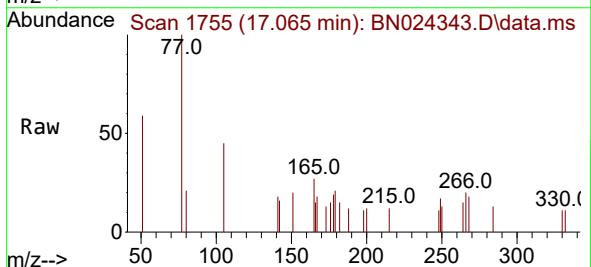
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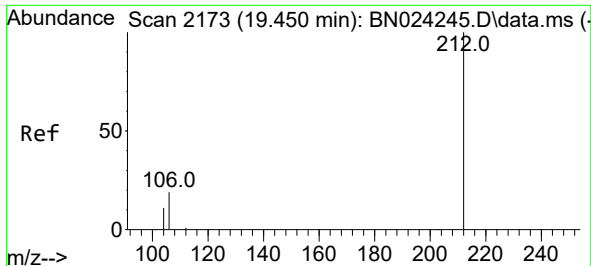
Tgt Ion:198 Resp: 11
Ion Ratio Lower Upper
198 100
51 457.1 68.2 102.2#
105 238.8 51.6 77.4#



#24
Pentachlorophenol
Concen: 0.134 ng
RT: 17.065 min Scan# 1755
Delta R.T. 0.000 min
Lab File: BN024343.D
Acq: 17 Mar 2023 13:13

Tgt Ion:266 Resp: 64
Ion Ratio Lower Upper
266 100
264 50.0 51.1 76.7#
268 68.8 52.2 78.4

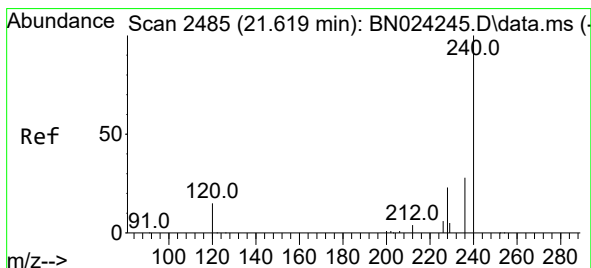
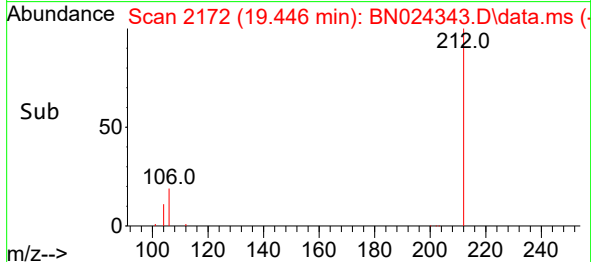
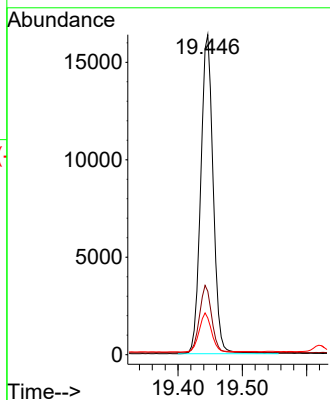
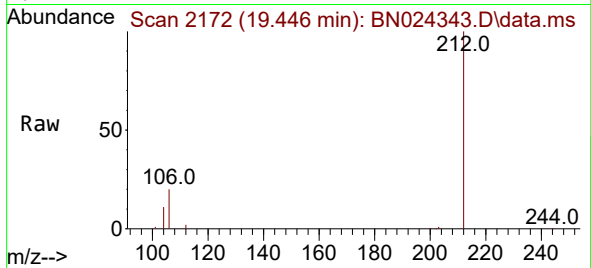




#27
Fluoranthene-d10
Concen: 0.401 ng
RT: 19.446 min Scan# 2172
Delta R.T. 0.000 min
Lab File: BN024343.D
Acq: 17 Mar 2023 13:13

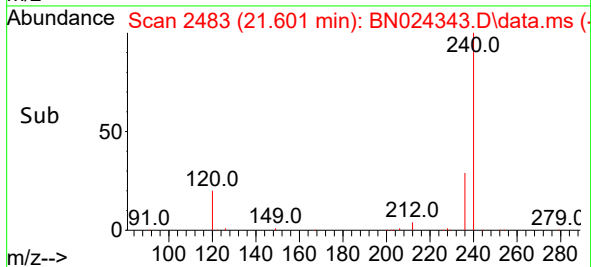
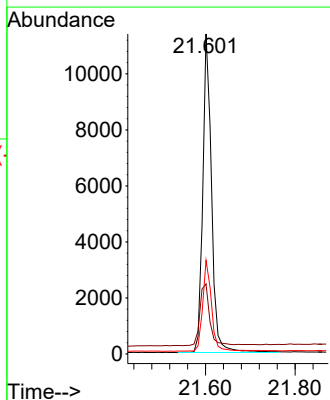
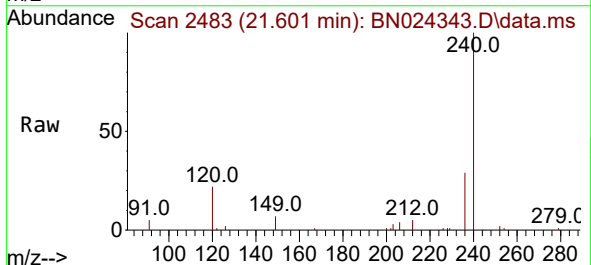
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ClientSampleId :
RE105D1-20230309

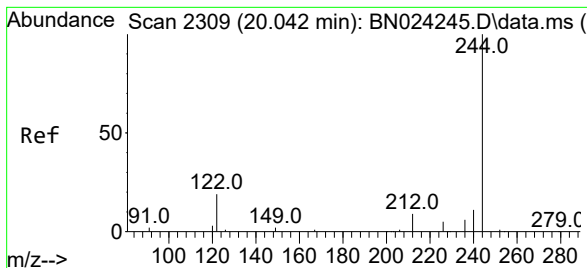
Tgt Ion:212 Resp: 22063
Ion Ratio Lower Upper
212 100
106 20.8 15.4 23.2
104 12.1 8.6 13.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.601 min Scan# 2483
Delta R.T. 0.000 min
Lab File: BN024343.D
Acq: 17 Mar 2023 13:13

Tgt Ion:240 Resp: 15496
Ion Ratio Lower Upper
240 100
120 21.9 12.8 19.2#
236 29.3 22.5 33.7





#31

Terphenyl-d14

Concen: 0.458 ng

RT: 20.034 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN024343.D

Acq: 17 Mar 2023 13:13

Instrument :

BNA_N

ClientSampleId :

RE105D1-20230309

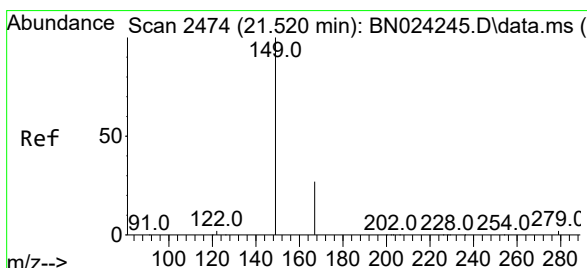
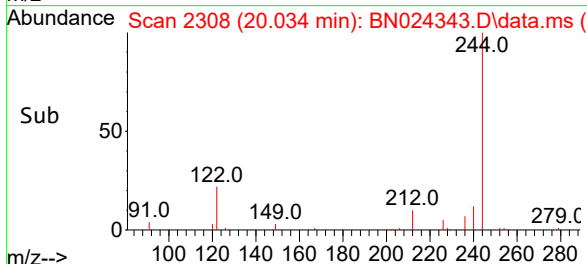
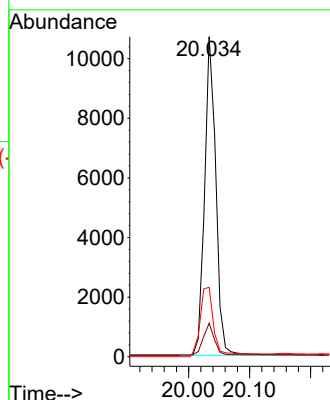
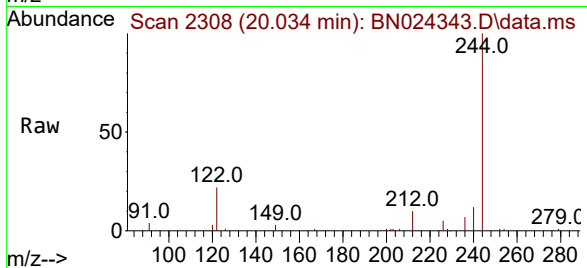
Tgt Ion:244 Resp: 11975

Ion Ratio Lower Upper

244 100

212 10.5 7.6 11.4

122 21.7 15.1 22.7



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.101 ng

RT: 21.502 min Scan# 2472

Delta R.T. 0.000 min

Lab File: BN024343.D

Acq: 17 Mar 2023 13:13

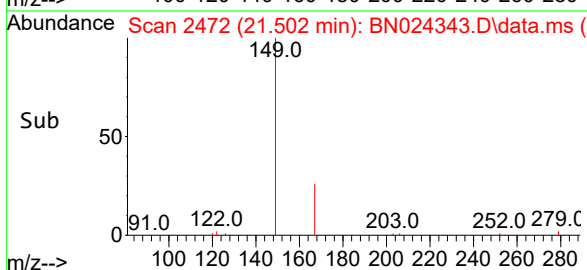
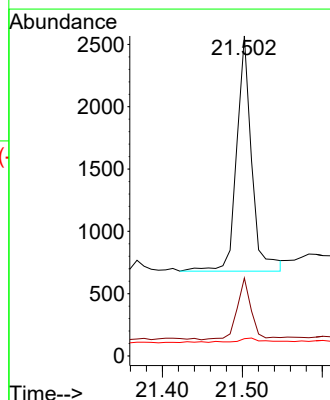
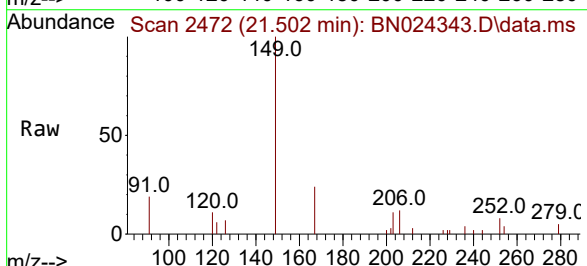
Tgt Ion:149 Resp: 2459

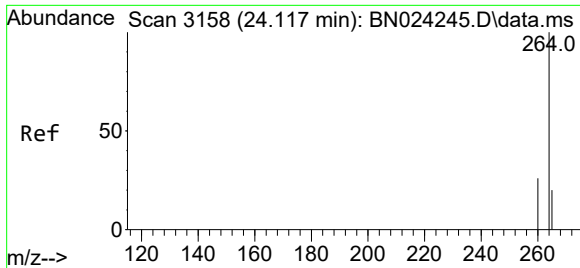
Ion Ratio Lower Upper

149 100

167 25.2 21.2 31.8

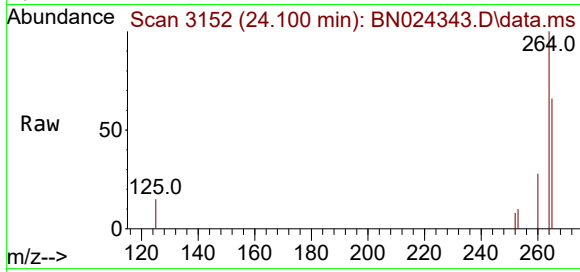
279 3.2 1.8 2.8#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.100 min Scan# 31
 Delta R.T. -0.014 min
 Lab File: BN024343.D
 Acq: 17 Mar 2023 13:13

Instrument :
 BNA_N
 ClientSampleId :
 RE105D1-20230309



Tgt Ion:264 Resp: 10990
 Ion Ratio Lower Upper
 264 100
 260 27.7 21.4 32.2
 265 66.5 35.7 53.5#

