

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031623\
 Data File : BN024324.D
 Acq On : 16 Mar 2023 23:03
 Operator : CG/JU
 Sample : 01843-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D2-20230306

Quant Time: Mar 17 04:44:32 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)

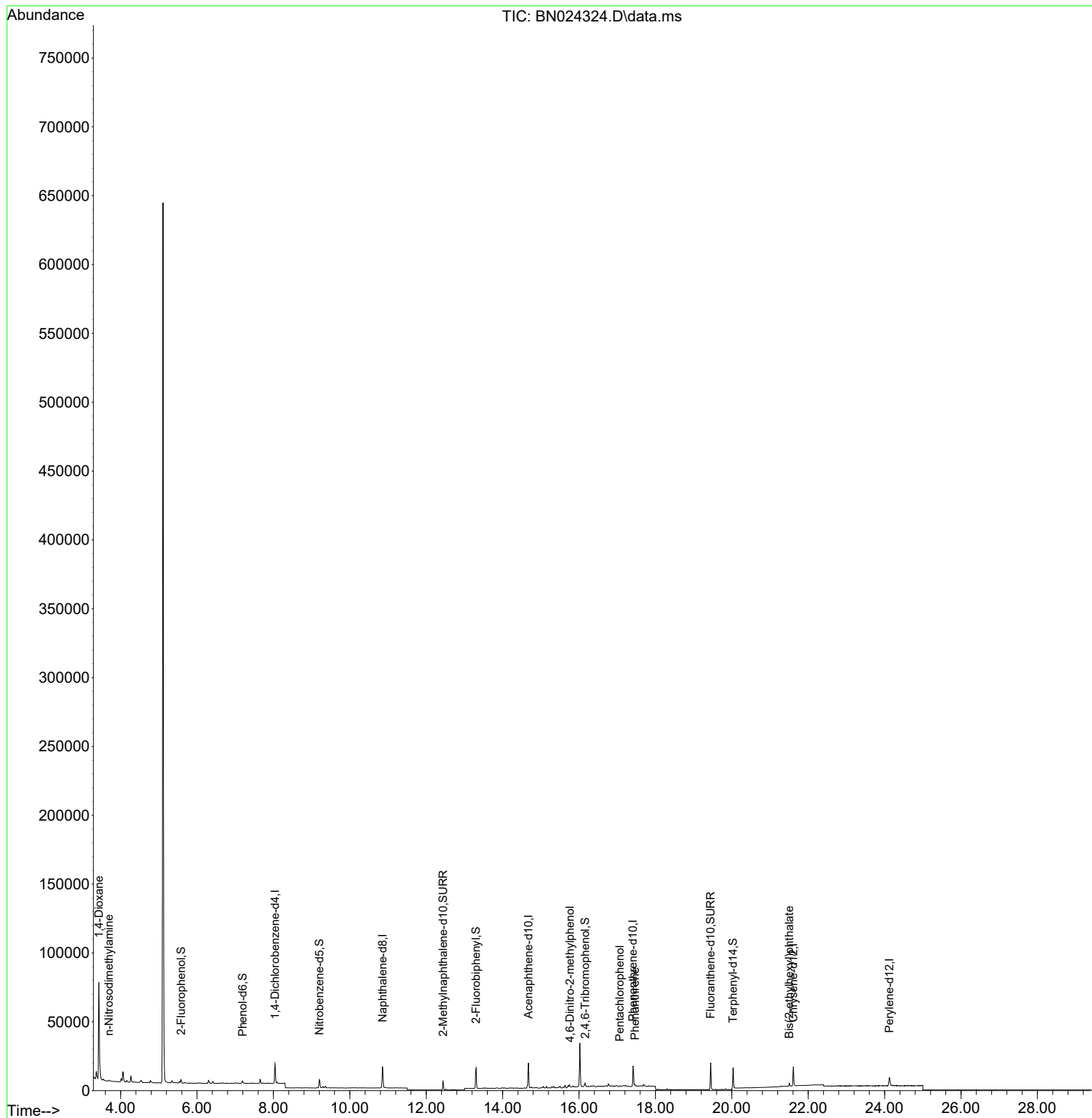
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	6599	0.400	ng	0.00
7) Naphthalene-d8	10.856	136	19611	0.400	ng	# 0.00
13) Acenaphthene-d10	14.675	164	9461	0.400	ng	0.00
19) Phenanthrene-d10	17.413	188	20385	0.400	ng	# 0.00
29) Chrysene-d12	21.610	240	13115	0.400	ng	# 0.00
35) Perylene-d12	24.126	264	9751	0.400	ng	# 0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.584	112	2037	0.139	ng	0.00
5) Phenol-d6	7.195	99	1503	0.080	ng	0.00
8) Nitrobenzene-d5	9.201	82	4974	0.380	ng	0.00
11) 2-Methylnaphthalene-d10	12.441	152	8580	0.356	ng	0.00
14) 2,4,6-Tribromophenol	16.159	330	1325	0.274	ng	0.00
15) 2-Fluorobiphenyl	13.307	172	13496	0.378	ng	0.00
27) Fluoranthene-d10	19.446	212	19268	0.446	ng	0.00
31) Terphenyl-d14	20.034	244	11280	0.510	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.432	88	46506	6.477	ng	Qvalue 97
3) n-Nitrosodimethylamine	3.692	42	344	0.033	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.762	198	3	0.179	ng	# 1
24) Pentachlorophenol	17.065	266	10	0.130	ng	# 36
25) Phenanthrene	17.463	178	1620	0.027	ng	# 86
34) Bis(2-ethylhexyl)phtha...	21.502	149	2324	0.113	ng	95

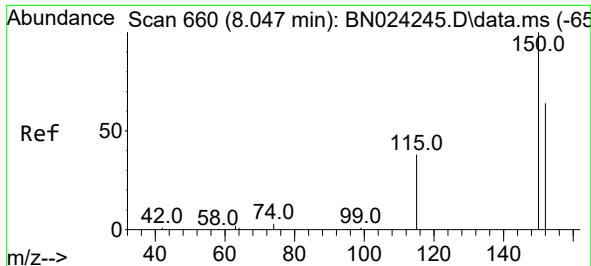
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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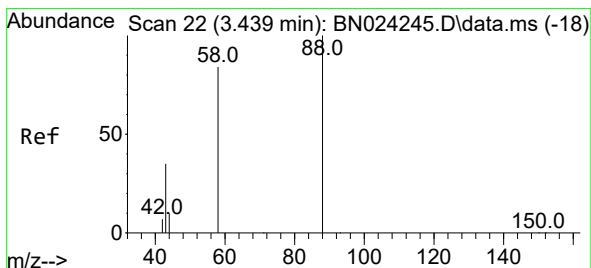
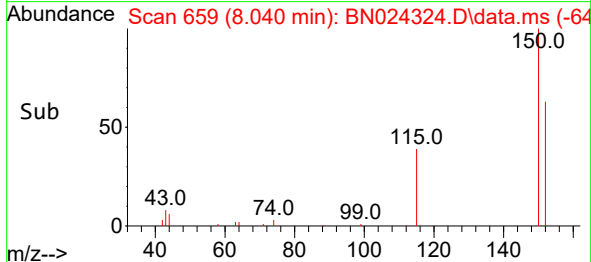
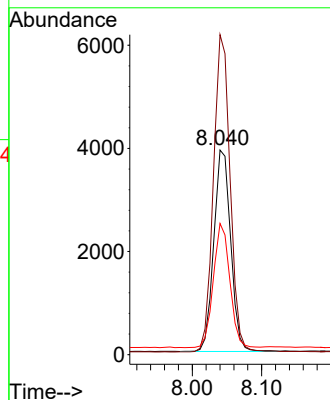
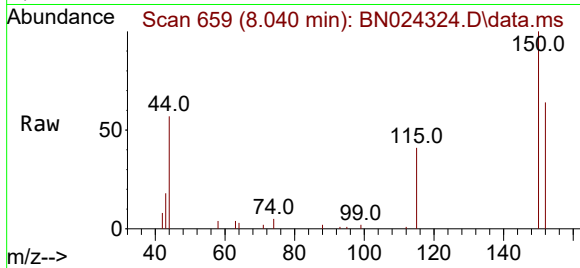




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.040 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN024324.D
Acq: 16 Mar 2023 23:03

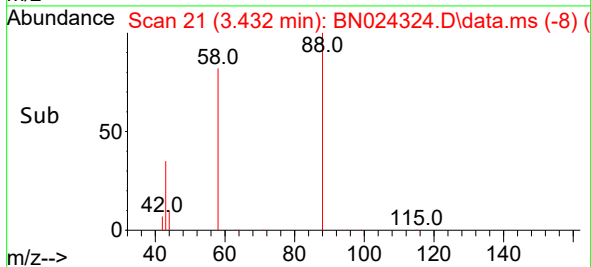
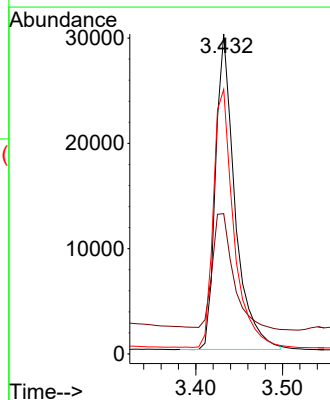
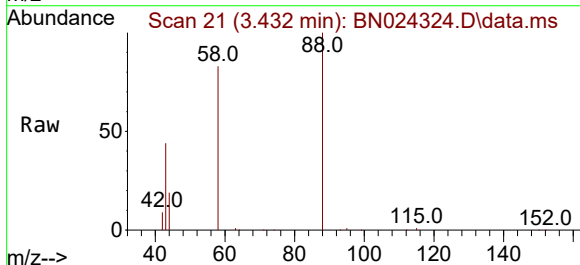
Instrument :
BNA_N
ClientSampleId :
RE132D2-20230306

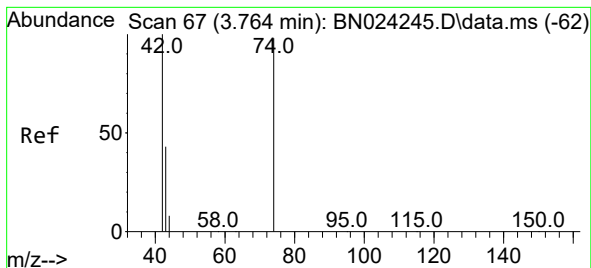
Tgt Ion:152 Resp: 6599
Ion Ratio Lower Upper
152 100
150 156.4 124.7 187.1
115 64.1 49.1 73.7



#2
1,4-Dioxane
Concen: 6.477 ng
RT: 3.432 min Scan# 21
Delta R.T. -0.007 min
Lab File: BN024324.D
Acq: 16 Mar 2023 23:03

Tgt Ion: 88 Resp: 46506
Ion Ratio Lower Upper
88 100
43 40.0 29.0 43.4
58 85.7 67.3 100.9

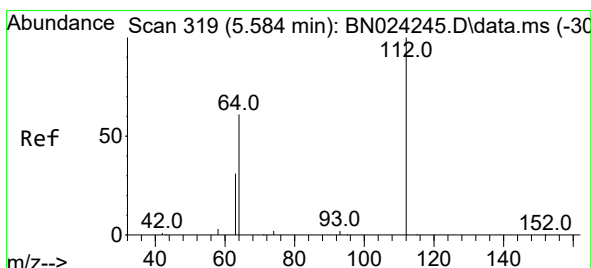
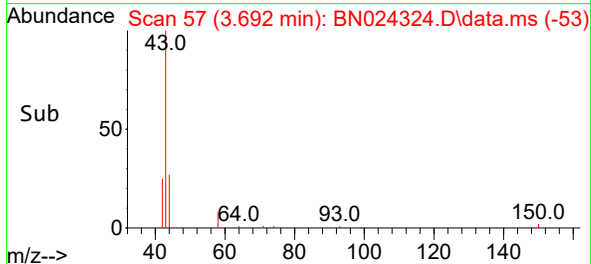
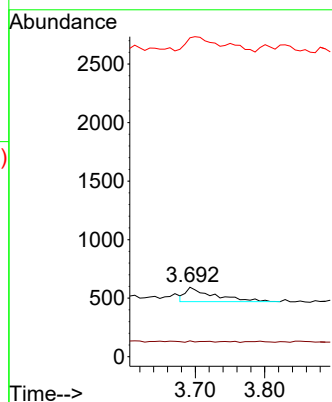
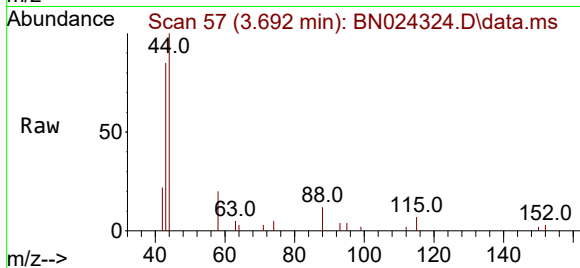




#3
n-Nitrosodimethylamine
Concen: 0.033 ng
RT: 3.692 min Scan# 51
Delta R.T. -0.072 min
Lab File: BN024324.D
Acq: 16 Mar 2023 23:03

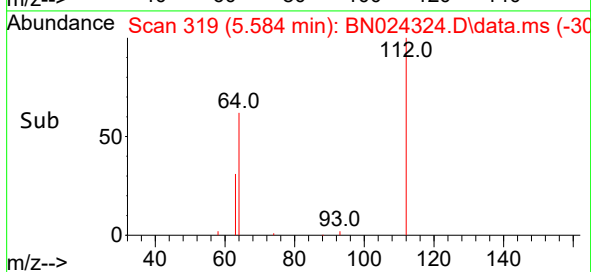
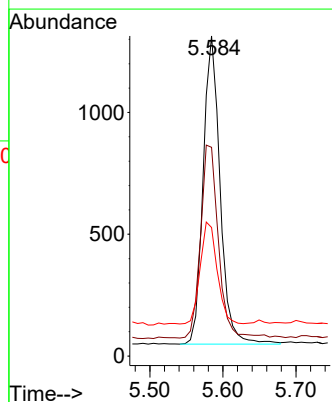
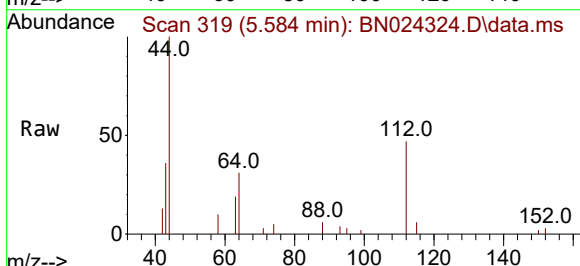
Instrument :
BNA_N
ClientSampleId :
RE132D2-20230306

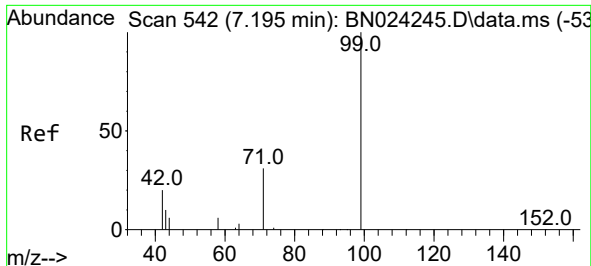
Tgt Ion: 42 Resp: 344
Ion Ratio Lower Upper
42 100
74 2.9 81.6 122.4#
44 70.6 7.3 10.9#



#4
2-Fluorophenol
Concen: 0.139 ng
RT: 5.584 min Scan# 319
Delta R.T. 0.007 min
Lab File: BN024324.D
Acq: 16 Mar 2023 23:03

Tgt Ion: 112 Resp: 2037
Ion Ratio Lower Upper
112 100
64 66.1 49.0 73.6
63 34.9 25.7 38.5

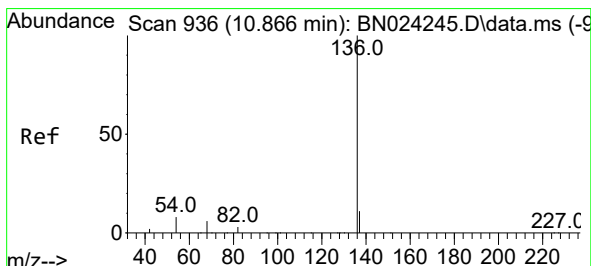
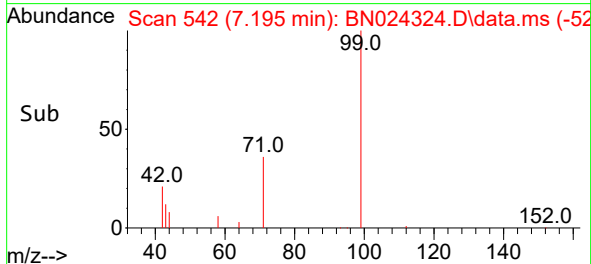
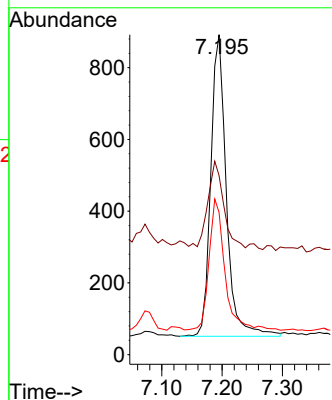
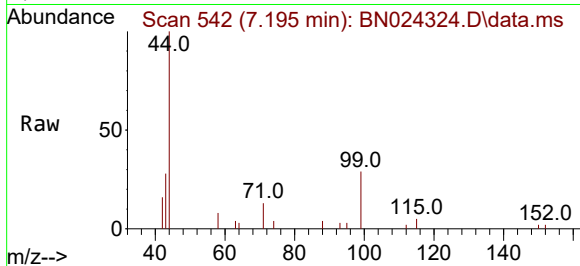




#5
Phenol-d6
Concen: 0.080 ng
RT: 7.195 min Scan# 54
Delta R.T. 0.007 min
Lab File: BN024324.D
Acq: 16 Mar 2023 23:03

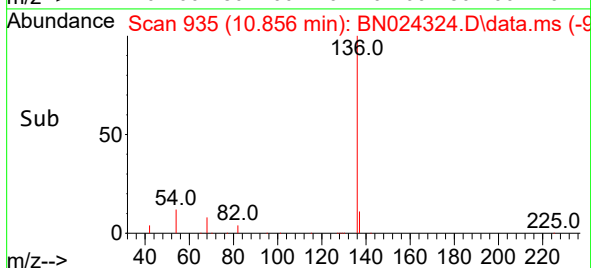
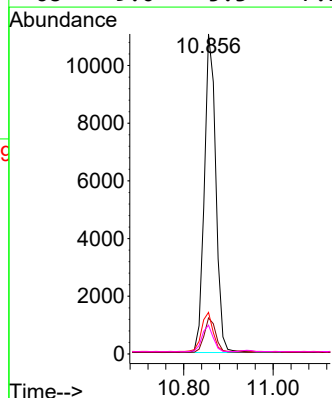
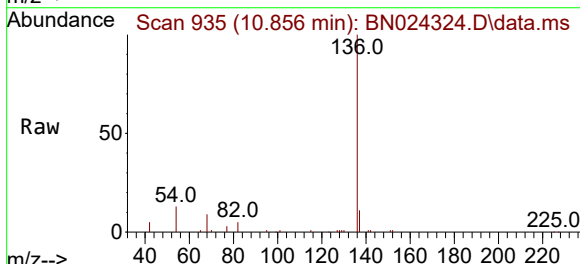
Instrument :
BNA_N
ClientSampleId :
RE132D2-20230306

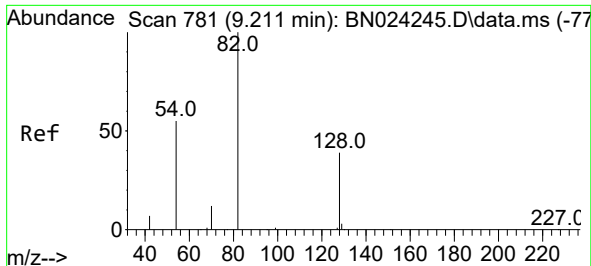
Tgt Ion: 99 Resp: 1503
Ion Ratio Lower Upper
99 100
42 28.7 20.1 30.1
71 44.3 25.8 38.8#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.856 min Scan# 935
Delta R.T. 0.000 min
Lab File: BN024324.D
Acq: 16 Mar 2023 23:03

Tgt Ion: 136 Resp: 19611
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 13.0 7.1 10.7#
68 9.0 5.3 7.9#

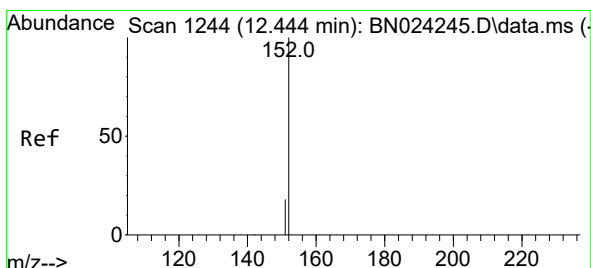
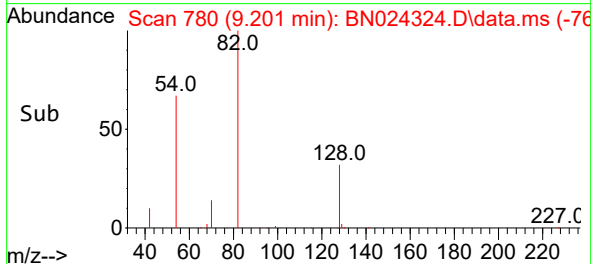
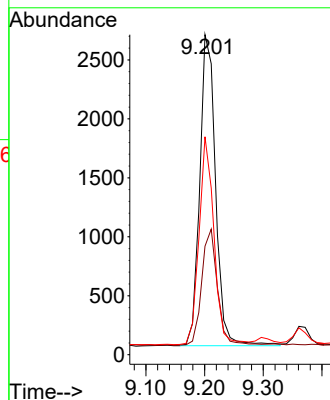
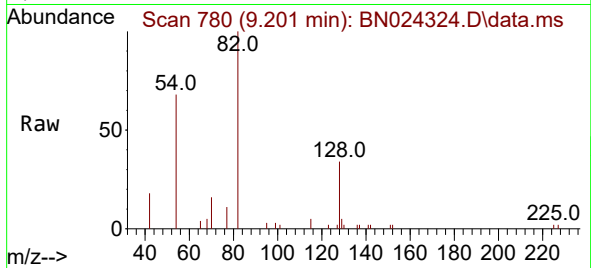




#8
Nitrobenzene-d5
Concen: 0.380 ng
RT: 9.201 min Scan# 781
Delta R.T. 0.000 min
Lab File: BN024324.D
Acq: 16 Mar 2023 23:03

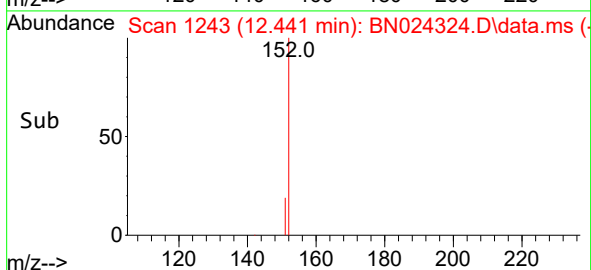
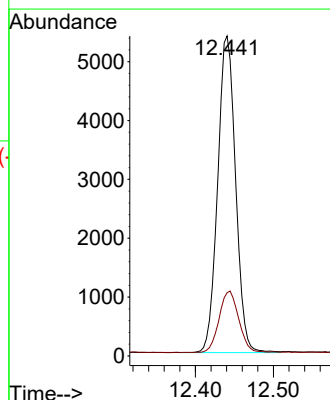
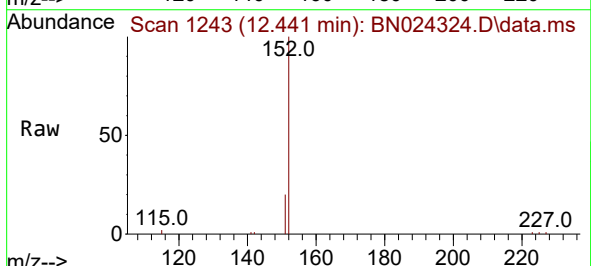
Instrument :
BNA_N
ClientSampleId :
RE132D2-20230306

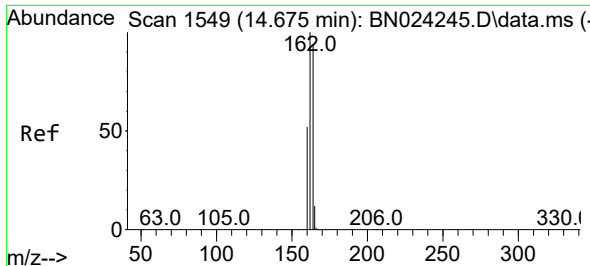
Tgt Ion: 82 Resp: 4974
Ion Ratio Lower Upper
82 100
128 33.9 32.4 48.6
54 68.1 45.2 67.8#



#11
2-Methylnaphthalene-d10
Concen: 0.356 ng
RT: 12.441 min Scan# 1243
Delta R.T. 0.000 min
Lab File: BN024324.D
Acq: 16 Mar 2023 23:03

Tgt Ion: 152 Resp: 8580
Ion Ratio Lower Upper
152 100
151 21.2 16.8 25.2

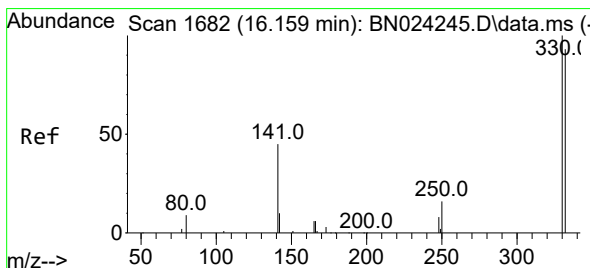
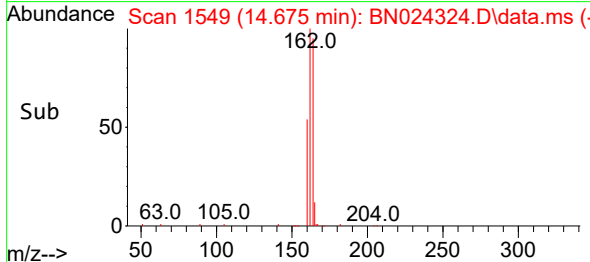
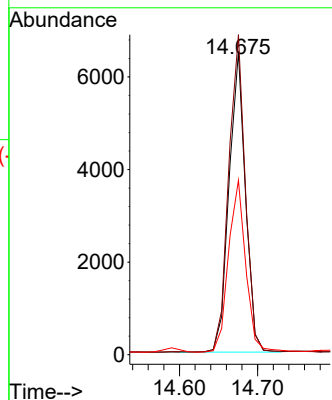
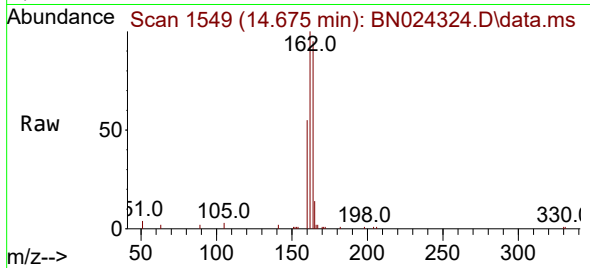




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.675 min Scan# 1549
Delta R.T. 0.000 min
Lab File: BN024324.D
Acq: 16 Mar 2023 23:03

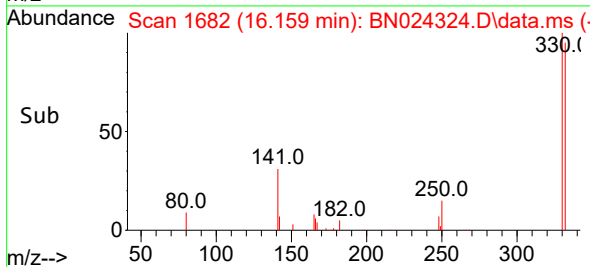
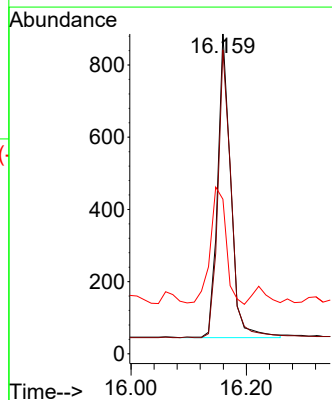
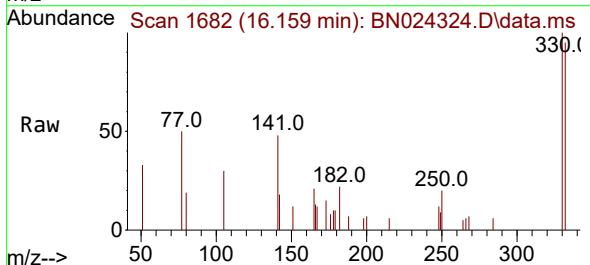
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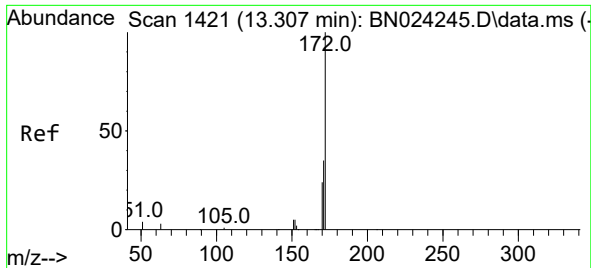
Tgt Ion:164 Resp: 9461
Ion Ratio Lower Upper
164 100
162 105.7 84.7 127.1
160 57.6 44.6 66.8



#14
2,4,6-Tribromophenol
Concen: 0.274 ng
RT: 16.159 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BN024324.D
Acq: 16 Mar 2023 23:03

Tgt Ion:330 Resp: 1325
Ion Ratio Lower Upper
330 100
332 95.2 78.0 117.0
141 46.6 30.8 46.2#

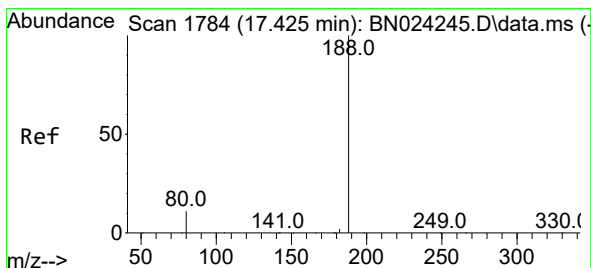
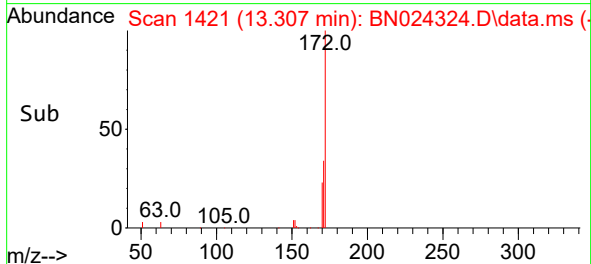
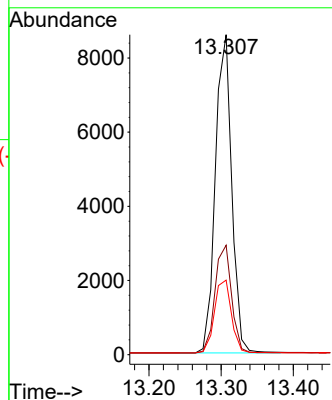
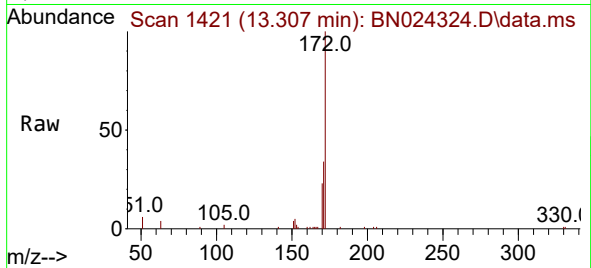




#15
2-Fluorobiphenyl
Concen: 0.378 ng
RT: 13.307 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN024324.D
Acq: 16 Mar 2023 23:03

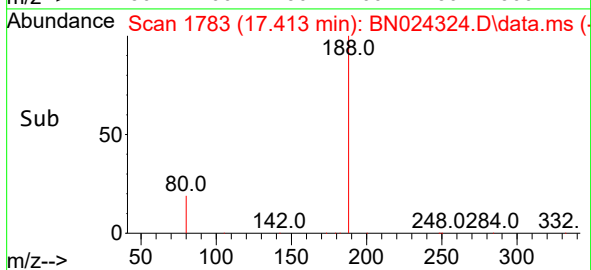
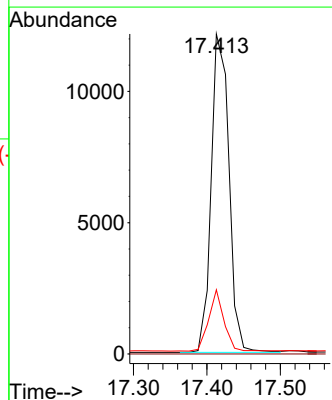
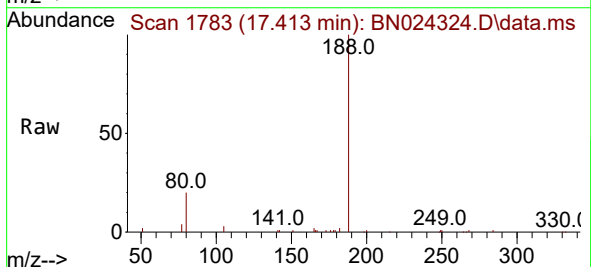
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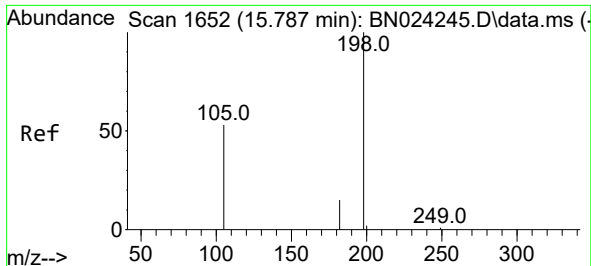
Tgt Ion:172 Resp: 13496
Ion Ratio Lower Upper
172 100
171 34.2 27.8 41.8
170 23.3 19.0 28.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.413 min Scan# 1783
Delta R.T. 0.000 min
Lab File: BN024324.D
Acq: 16 Mar 2023 23:03

Tgt Ion:188 Resp: 20385
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 20.0 8.9 13.3#

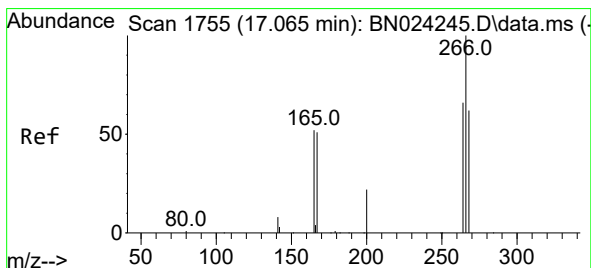
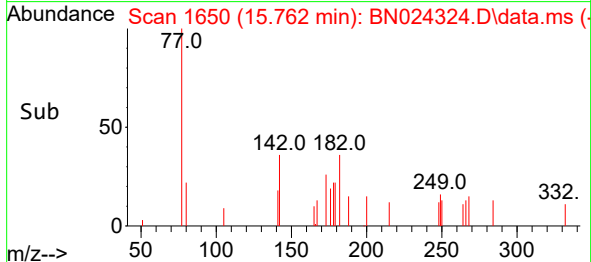
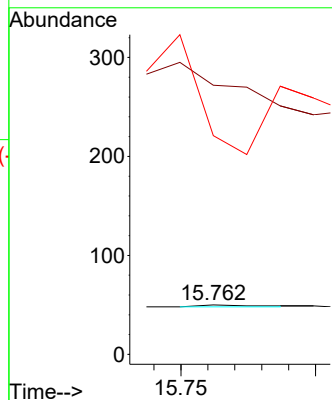
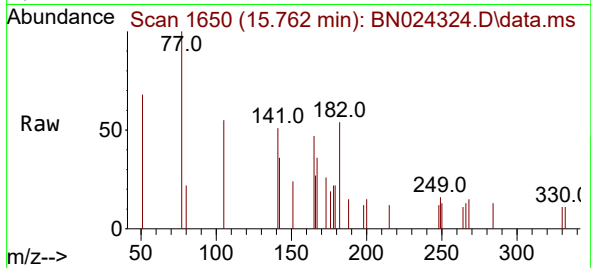




#20
4,6-Dinitro-2-methylphenol
Concen: 0.179 ng
RT: 15.762 min Scan# 1650
Delta R.T. -0.025 min
Lab File: BN024324.D
Acq: 16 Mar 2023 23:03

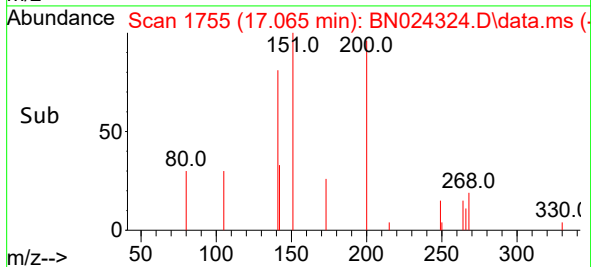
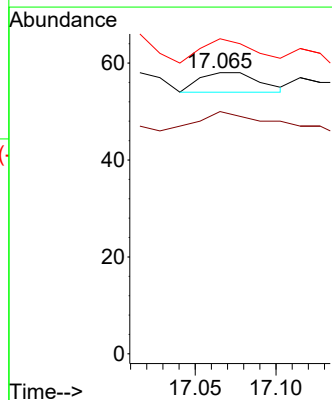
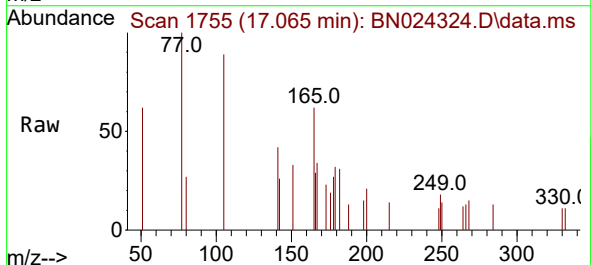
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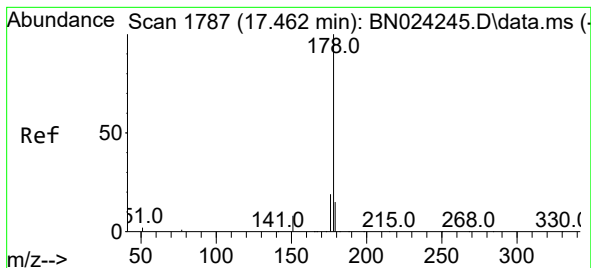
Tgt Ion:198 Resp: 3
Ion Ratio Lower Upper
198 100
51 544.0 68.2 102.2#
105 442.0 51.6 77.4#



#24
Pentachlorophenol
Concen: 0.130 ng
RT: 17.065 min Scan# 1755
Delta R.T. 0.000 min
Lab File: BN024324.D
Acq: 16 Mar 2023 23:03

Tgt Ion:266 Resp: 10
Ion Ratio Lower Upper
266 100
264 120.0 51.1 76.7#
268 110.0 52.2 78.4#





#25

Phenanthrene

Concen: 0.027 ng

RT: 17.463 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN024324.D

Acq: 16 Mar 2023 23:03

Instrument :

BNA_N

ClientSampleId :

RE132D2-20230306

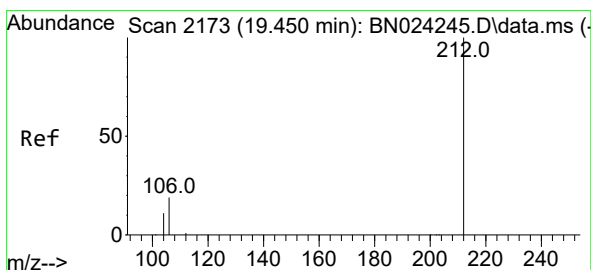
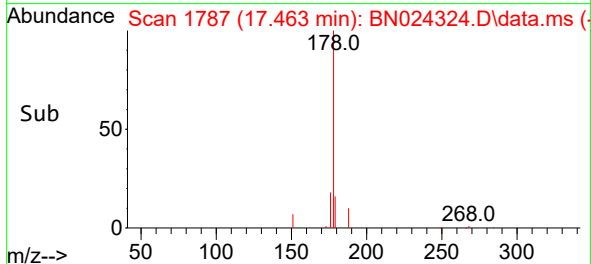
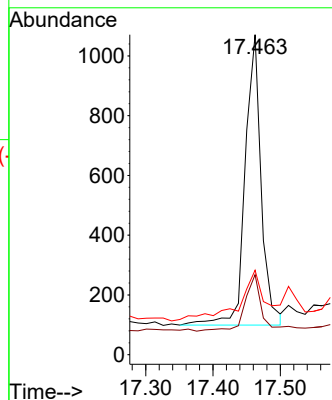
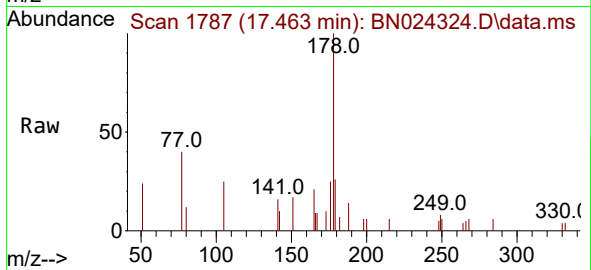
Tgt Ion:178 Resp: 1620

Ion Ratio Lower Upper

178 100

176 21.0 15.4 23.0

179 26.7 12.2 18.2#



#27

Fluoranthene-d10

Concen: 0.446 ng

RT: 19.446 min Scan# 2172

Delta R.T. 0.000 min

Lab File: BN024324.D

Acq: 16 Mar 2023 23:03

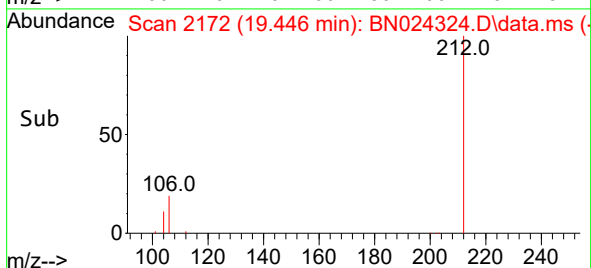
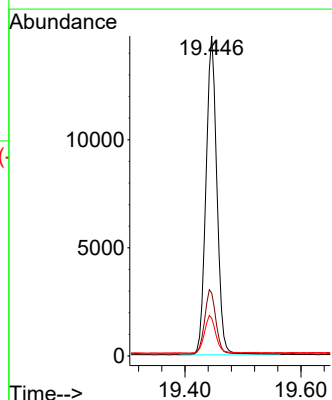
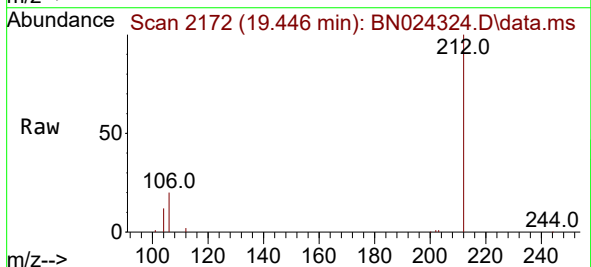
Tgt Ion:212 Resp: 19268

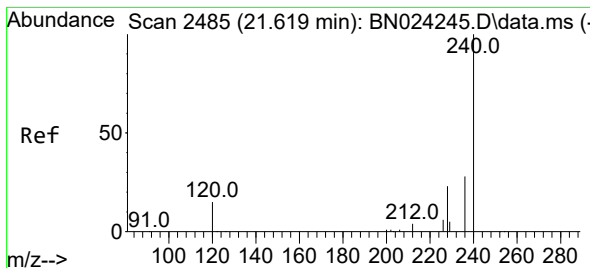
Ion Ratio Lower Upper

212 100

106 20.5 15.4 23.2

104 12.2 8.6 13.0





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.610 min Scan# 2484

Delta R.T. 0.009 min

Lab File: BN024324.D

Acq: 16 Mar 2023 23:03

Instrument :

BNA_N

ClientSampleId :

RE132D2-20230306

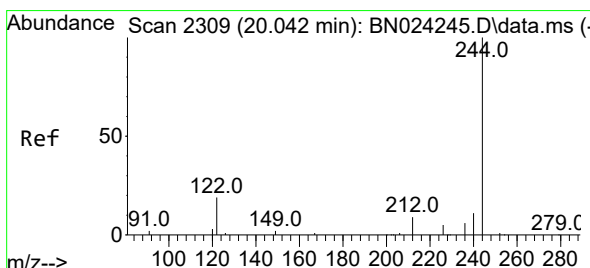
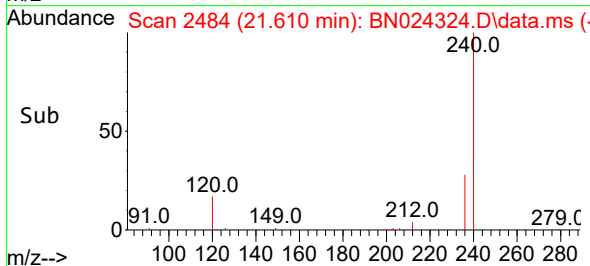
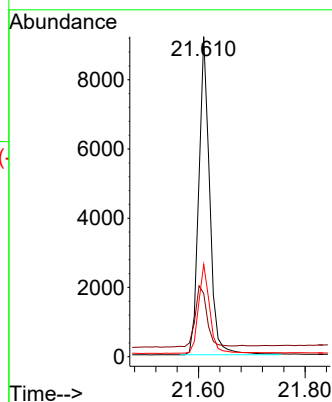
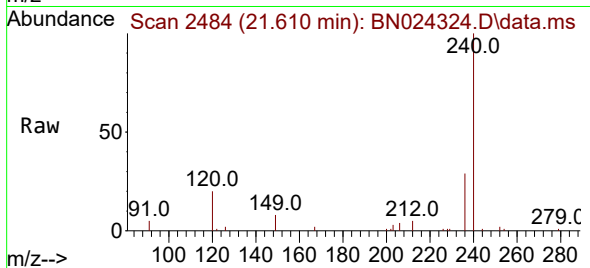
Tgt Ion:240 Resp: 13115

Ion Ratio Lower Upper

240 100

120 19.8 12.8 19.2#

236 28.9 22.5 33.7



#31

Terphenyl-d14

Concen: 0.510 ng

RT: 20.034 min Scan# 2308

Delta R.T. 0.000 min

Lab File: BN024324.D

Acq: 16 Mar 2023 23:03

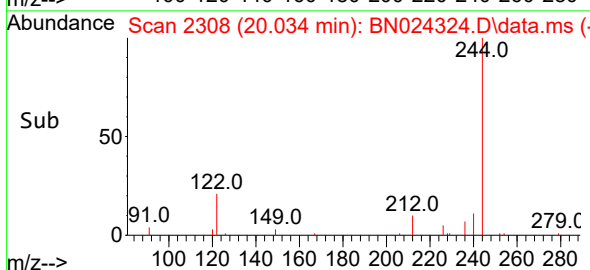
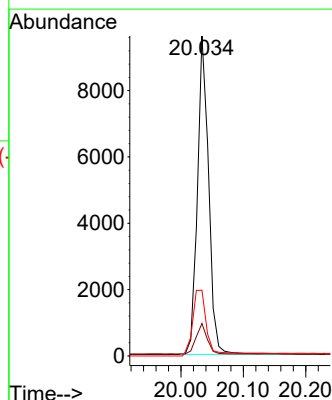
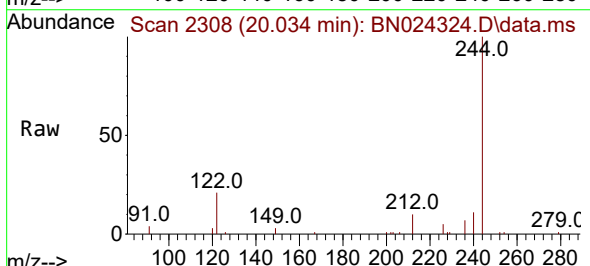
Tgt Ion:244 Resp: 11280

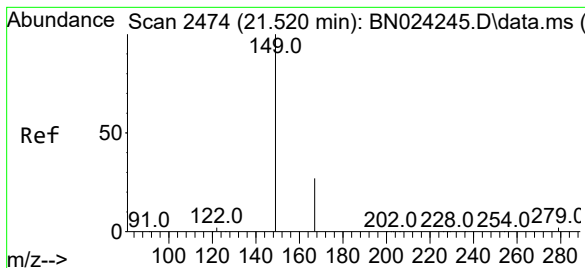
Ion Ratio Lower Upper

244 100

212 10.1 7.6 11.4

122 20.6 15.1 22.7

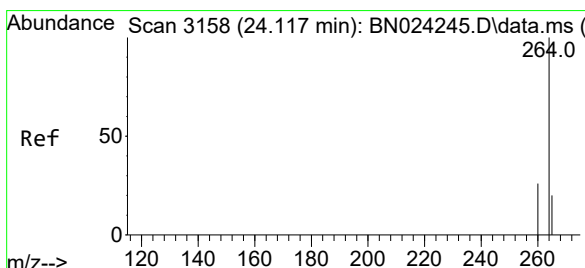
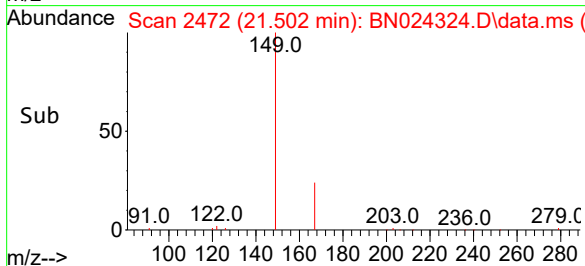
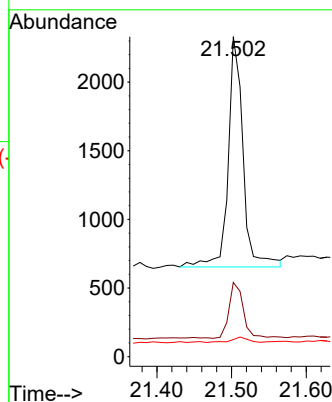
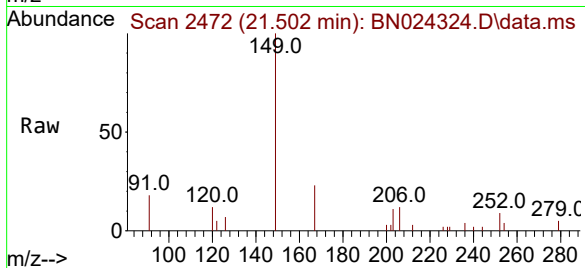




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.113 ng
 RT: 21.502 min Scan# 2474
 Delta R.T. 0.000 min
 Lab File: BN024324.D
 Acq: 16 Mar 2023 23:03

Instrument :
 BNA_N
 ClientSampleId :
 RE132D2-20230306

Tgt Ion:149 Resp: 2324
 Ion Ratio Lower Upper
 149 100
 167 23.6 21.2 31.8
 279 2.4 1.8 2.8



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.126 min Scan# 3161
 Delta R.T. 0.012 min
 Lab File: BN024324.D
 Acq: 16 Mar 2023 23:03

Tgt Ion:264 Resp: 9751
 Ion Ratio Lower Upper
 264 100
 260 27.7 21.4 32.2
 265 68.2 35.7 53.5#

