

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031723\
 Data File : BN024372.D
 Acq On : 18 Mar 2023 08:55
 Operator : CG/JU
 Sample : 01879-19
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE134D1-20230309

Quant Time: Mar 20 01:08:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 18 05:49:08 2023
 Response via : Initial Calibration

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

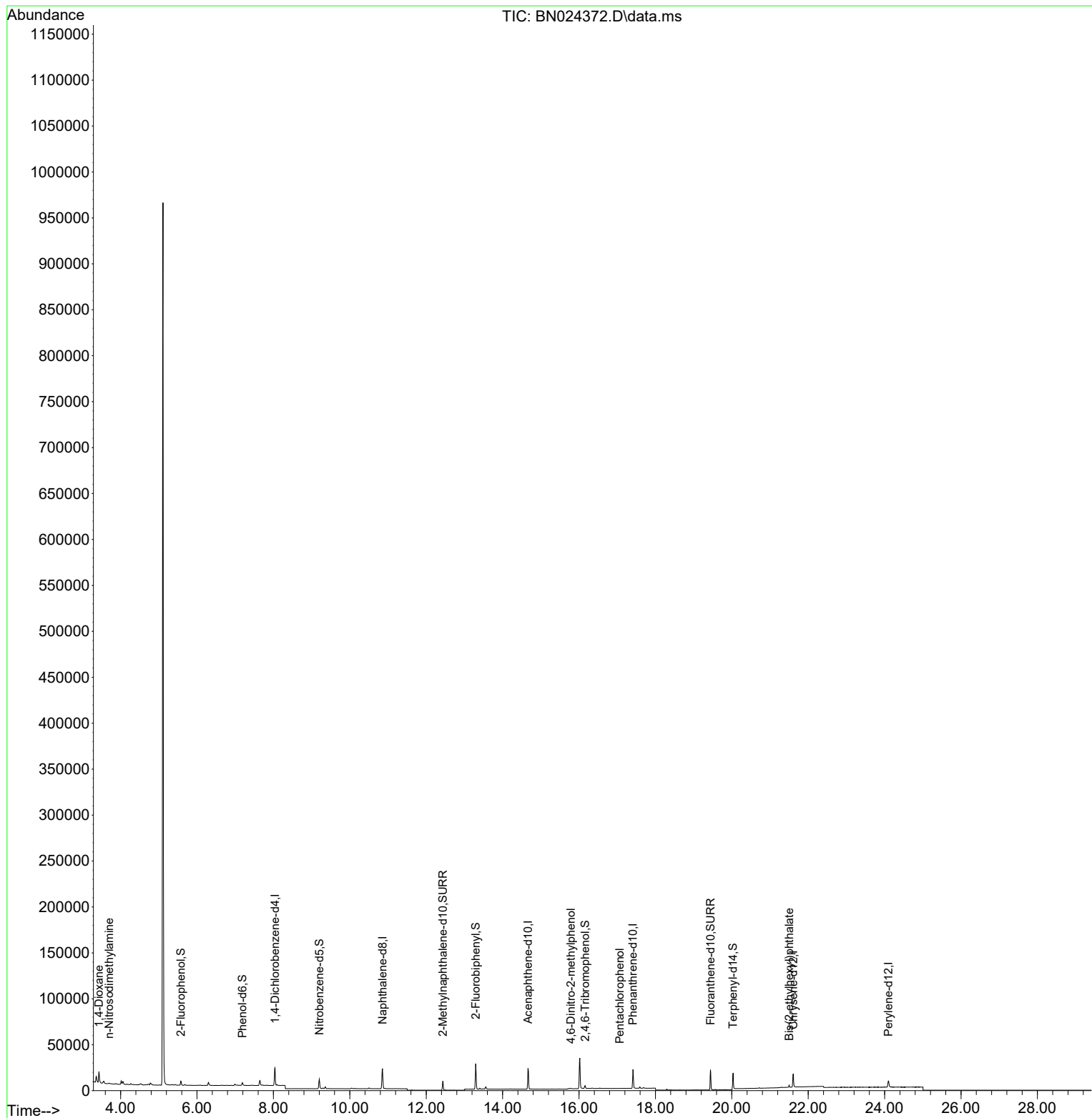
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	9398	0.400	ng	0.00
7) Naphthalene-d8	10.855	136	28033	0.400	ng	0.00
13) Acenaphthene-d10	14.665	164	13057	0.400	ng	0.00
19) Phenanthrene-d10	17.413	188	26223	0.400	ng	# 0.00
29) Chrysene-d12	21.610	240	15063	0.400	ng	0.00
35) Perylene-d12	24.100	264	10692	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.577	112	3334	0.160	ng	0.00
5) Phenol-d6	7.188	99	2545	0.095	ng	0.00
8) Nitrobenzene-d5	9.201	82	8003	0.427	ng	0.00
11) 2-Methylnaphthalene-d10	12.433	152	12961	0.376	ng	0.00
14) 2,4,6-Tribromophenol	16.159	330	1871	0.280	ng	0.00
15) 2-Fluorobiphenyl	13.296	172	22382	0.454	ng	0.00
27) Fluoranthene-d10	19.442	212	22001	0.396	ng	0.00
31) Terphenyl-d14	20.034	244	13075	0.515	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.432	88	7521	0.735	ng	# 91
3) n-Nitrosodimethylamine	3.699	42	356	0.024	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.787	198	10	0.180	ng	# 1
24) Pentachlorophenol	17.065	266	28	0.131	ng	# 75
34) Bis(2-ethylhexyl)phtha...	21.502	149	2387	0.101	ng	92

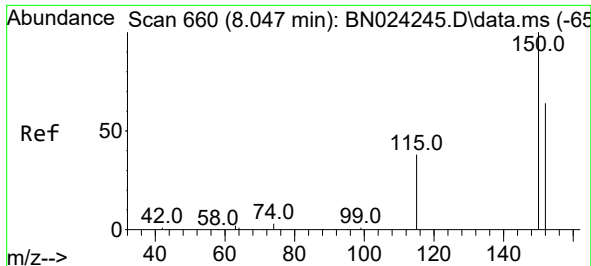
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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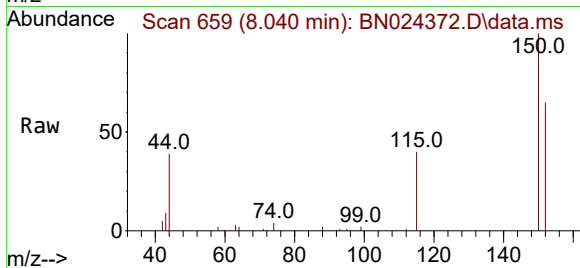
Quant Time: Mar 20 01:08:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
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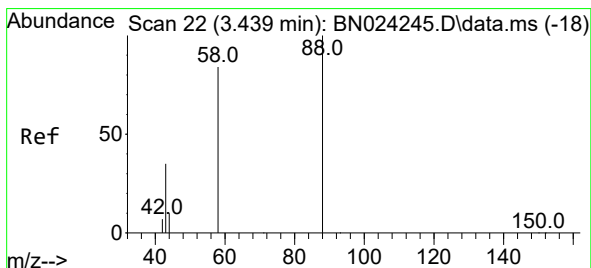
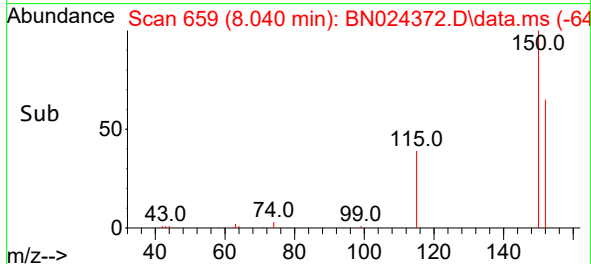
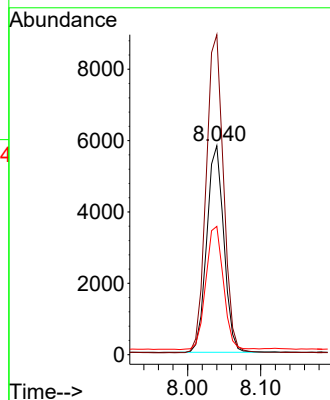


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.040 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN024372.D
Acq: 18 Mar 2023 08:55

Instrument :
BNA_N
ClientSampleId :
RE134D1-20230309

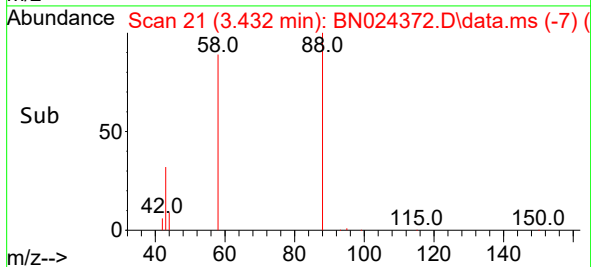
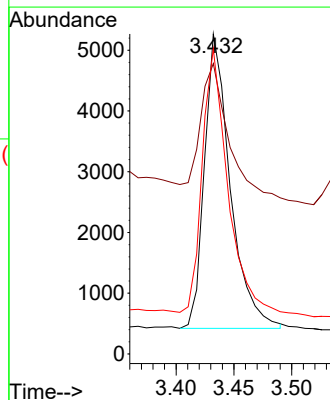
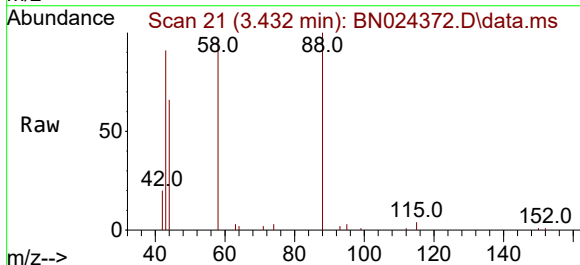


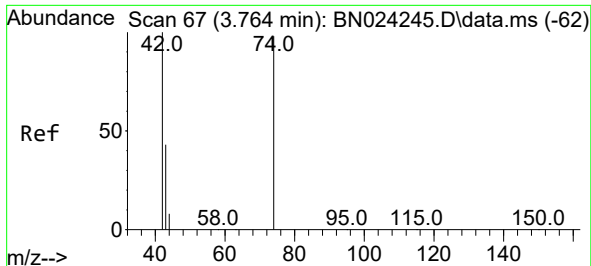
Tgt Ion:152 Resp: 9398
Ion Ratio Lower Upper
152 100
150 153.2 124.7 187.1
115 61.5 49.1 73.7



#2
1,4-Dioxane
Concen: 0.735 ng
RT: 3.432 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN024372.D
Acq: 18 Mar 2023 08:55

Tgt Ion: 88 Resp: 7521
Ion Ratio Lower Upper
88 100
43 49.3 29.0 43.4#
58 87.7 67.3 100.9

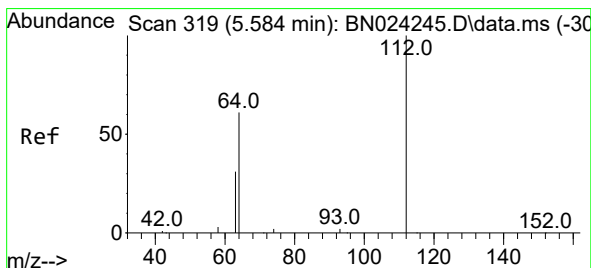
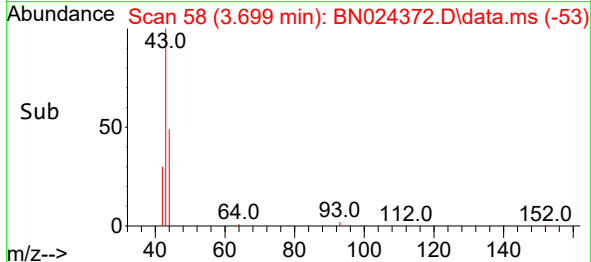
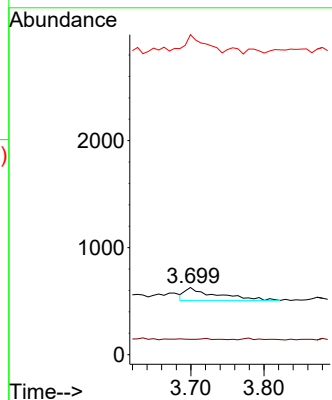
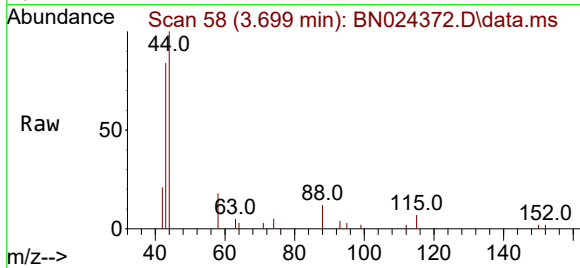




#3
n-Nitrosodimethylamine
Concen: 0.024 ng
RT: 3.699 min Scan# 51
Delta R.T. -0.065 min
Lab File: BN024372.D
Acq: 18 Mar 2023 08:55

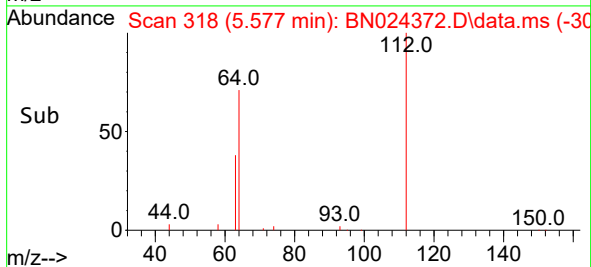
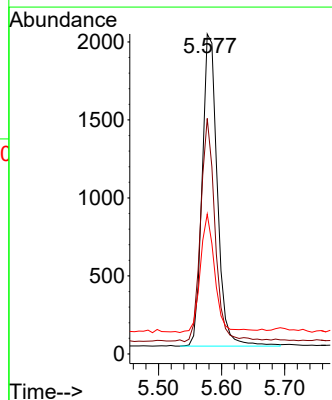
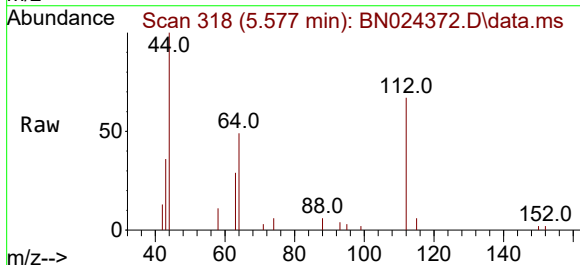
Instrument :
BNA_N
ClientSampleId :
RE134D1-20230309

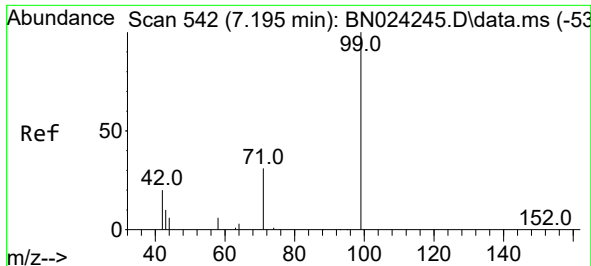
Tgt Ion: 42 Resp: 356
Ion Ratio Lower Upper
42 100
74 0.0 81.6 122.4#
44 78.9 7.3 10.9#



#4
2-Fluorophenol
Concen: 0.160 ng
RT: 5.577 min Scan# 318
Delta R.T. 0.000 min
Lab File: BN024372.D
Acq: 18 Mar 2023 08:55

Tgt Ion: 112 Resp: 3334
Ion Ratio Lower Upper
112 100
64 67.5 49.0 73.6
63 36.8 25.7 38.5

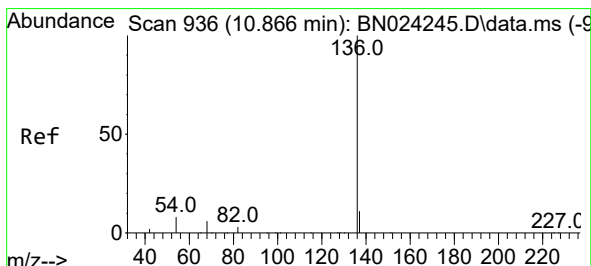
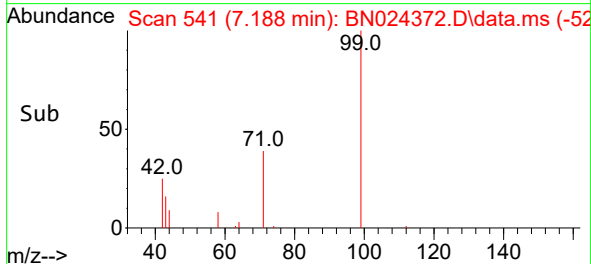
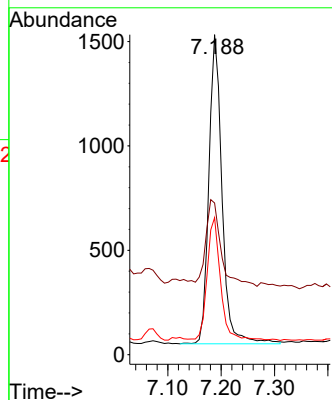
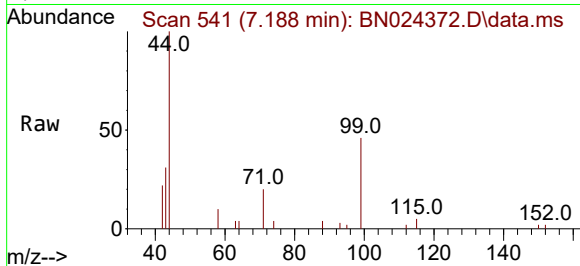




#5
Phenol-d6
Concen: 0.095 ng
RT: 7.188 min Scan# 541
Delta R.T. 0.000 min
Lab File: BN024372.D
Acq: 18 Mar 2023 08:55

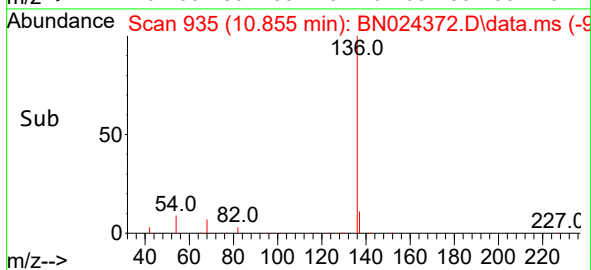
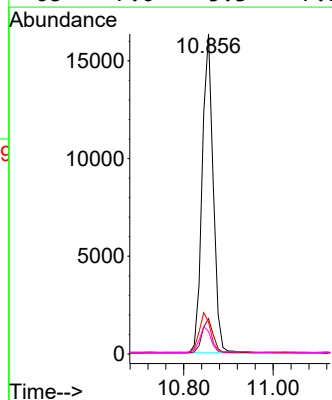
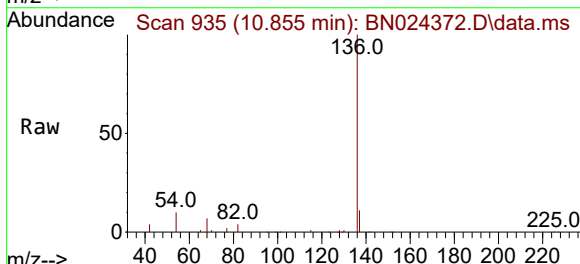
Instrument :
BNA_N
ClientSampleId :
RE134D1-20230309

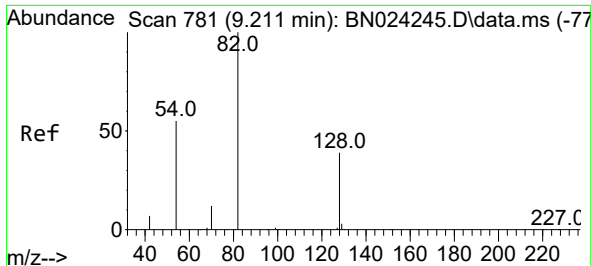
Tgt Ion: 99 Resp: 2545
Ion Ratio Lower Upper
99 100
42 32.1 20.1 30.1#
71 39.7 25.8 38.8#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.855 min Scan# 935
Delta R.T. 0.000 min
Lab File: BN024372.D
Acq: 18 Mar 2023 08:55

Tgt Ion: 136 Resp: 28033
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 10.0 7.1 10.7
68 7.0 5.3 7.9

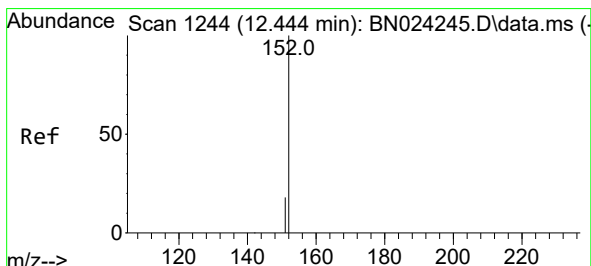
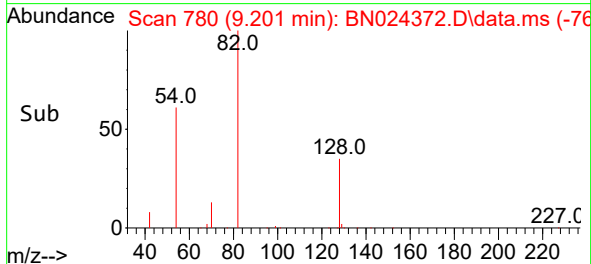
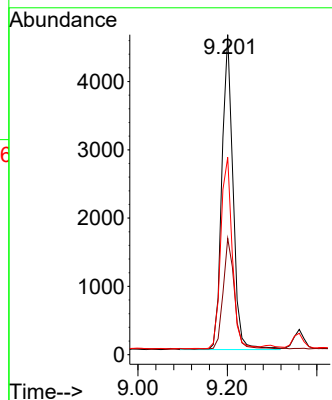
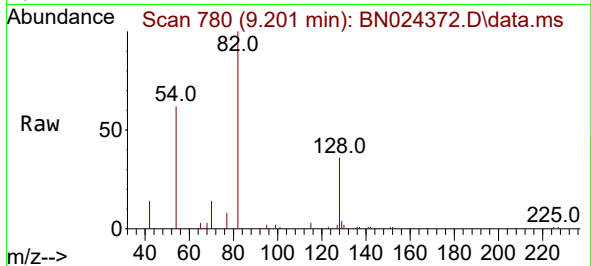




#8
Nitrobenzene-d5
Concen: 0.427 ng
RT: 9.201 min Scan# 781
Delta R.T. 0.000 min
Lab File: BN024372.D
Acq: 18 Mar 2023 08:55

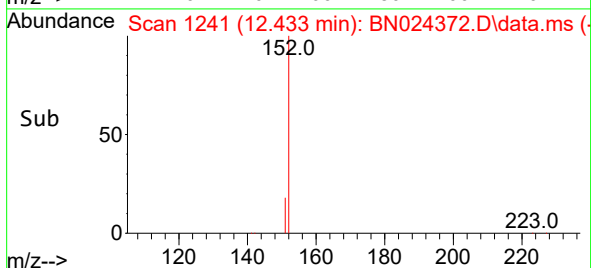
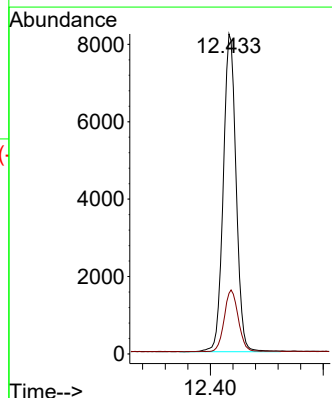
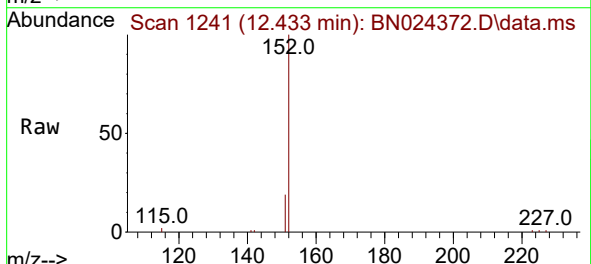
Instrument :
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ClientSampleId :
RE134D1-20230309

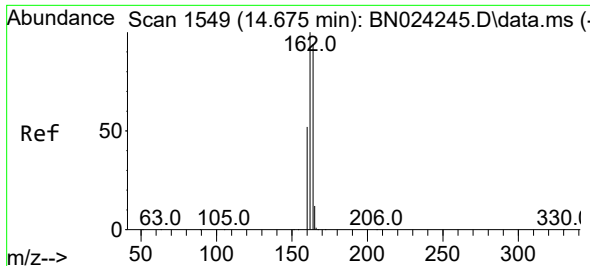
Tgt Ion: 82 Resp: 8003
Ion Ratio Lower Upper
82 100
128 36.4 32.4 48.6
54 61.6 45.2 67.8



#11
2-Methylnaphthalene-d10
Concen: 0.376 ng
RT: 12.433 min Scan# 1241
Delta R.T. 0.000 min
Lab File: BN024372.D
Acq: 18 Mar 2023 08:55

Tgt Ion: 152 Resp: 12961
Ion Ratio Lower Upper
152 100
151 21.1 16.8 25.2

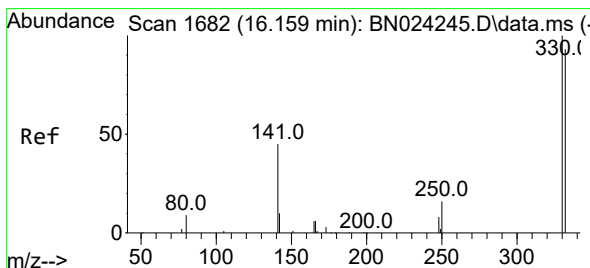
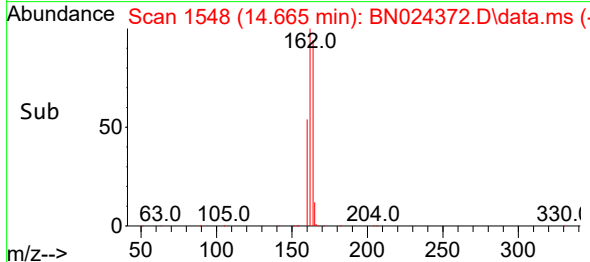
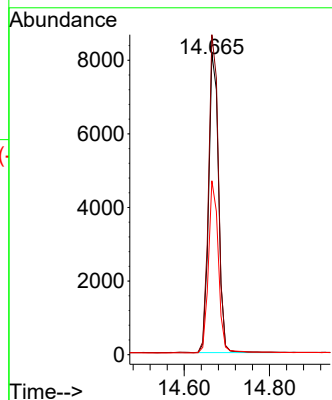
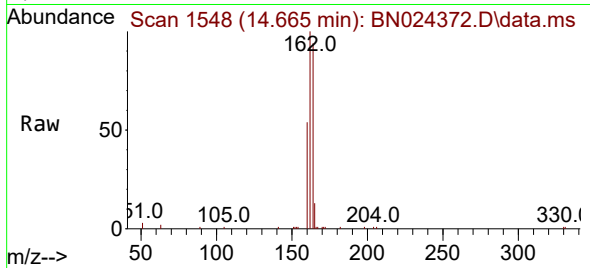




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.665 min Scan# 1548
Delta R.T. 0.000 min
Lab File: BN024372.D
Acq: 18 Mar 2023 08:55

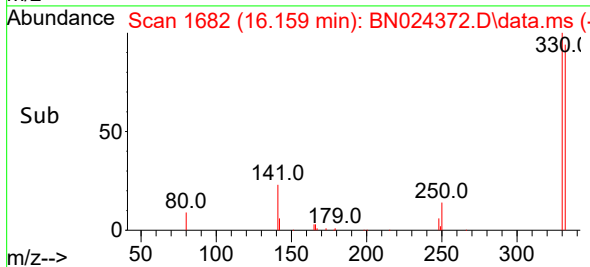
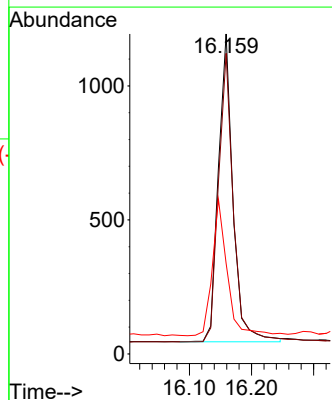
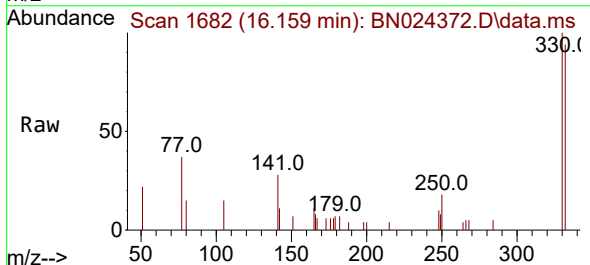
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RE134D1-20230309

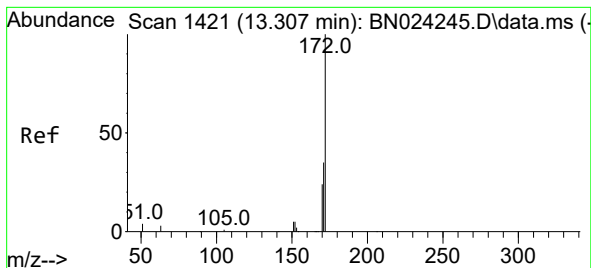
Tgt Ion:164 Resp: 13057
Ion Ratio Lower Upper
164 100
162 106.2 84.7 127.1
160 57.7 44.6 66.8



#14
2,4,6-Tribromophenol
Concen: 0.280 ng
RT: 16.159 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BN024372.D
Acq: 18 Mar 2023 08:55

Tgt Ion:330 Resp: 1871
Ion Ratio Lower Upper
330 100
332 95.3 78.0 117.0
141 45.6 30.8 46.2





#15

2-Fluorobiphenyl

Concen: 0.454 ng

RT: 13.296 min Scan# 14

Delta R.T. 0.000 min

Lab File: BN024372.D

Acq: 18 Mar 2023 08:55

Instrument :

BNA_N

ClientSampleId :

RE134D1-20230309

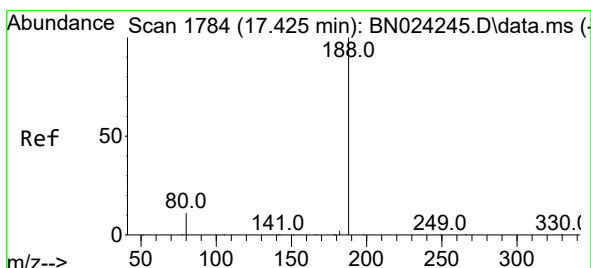
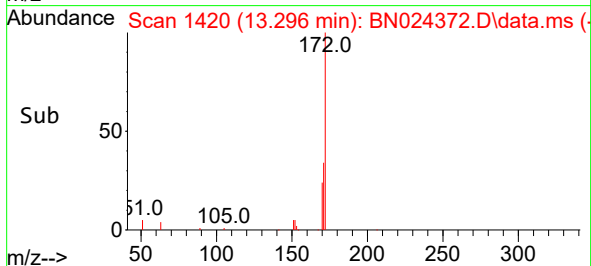
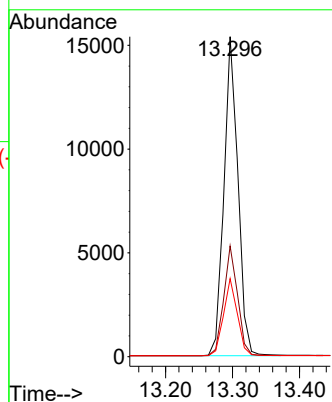
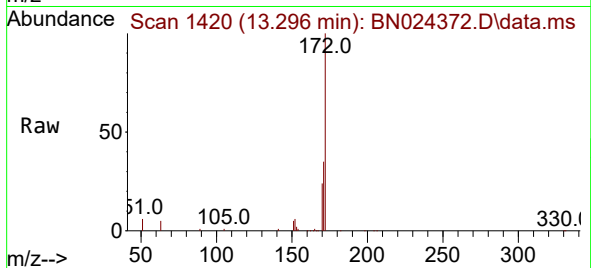
Tgt Ion:172 Resp: 22382

Ion Ratio Lower Upper

172 100

171 34.6 27.8 41.8

170 24.4 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: BN024372.D

Acq: 18 Mar 2023 08:55

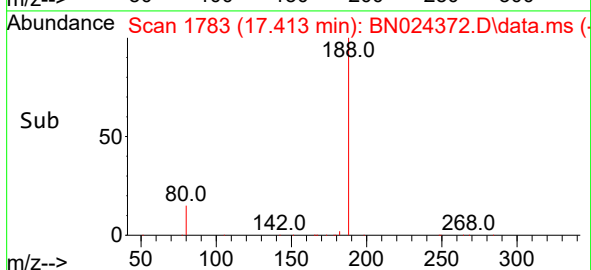
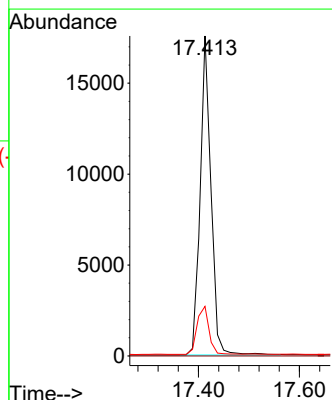
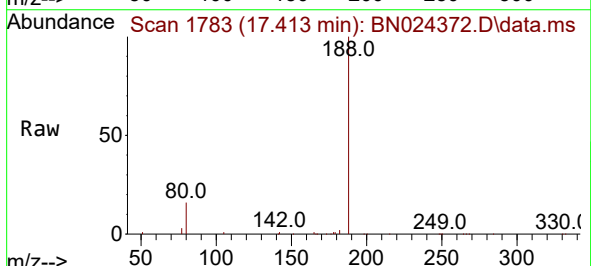
Tgt Ion:188 Resp: 26223

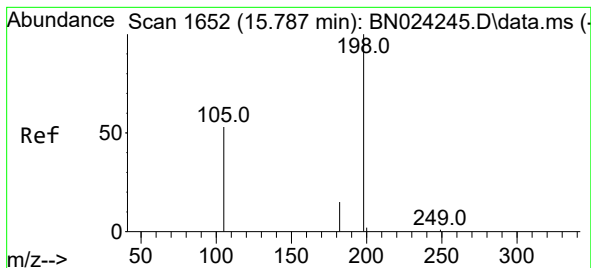
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 15.5 8.9 13.3#

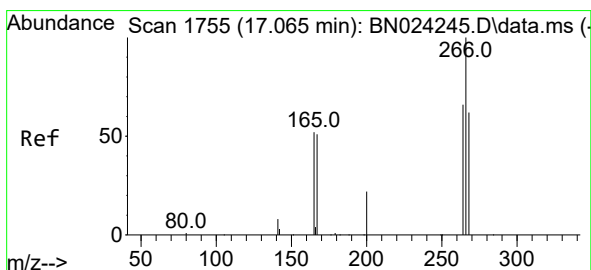
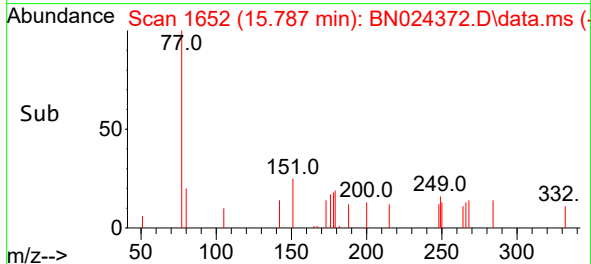
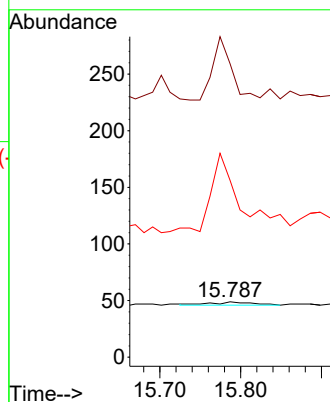
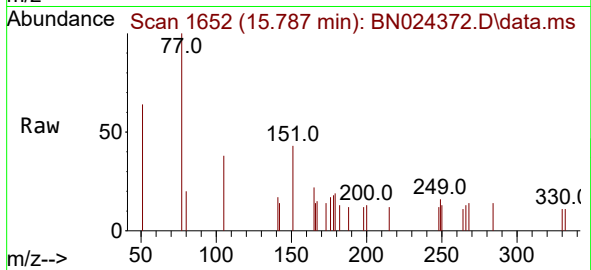




#20
4,6-Dinitro-2-methylphenol
Concen: 0.180 ng
RT: 15.787 min Scan# 1652
Delta R.T. 0.000 min
Lab File: BN024372.D
Acq: 18 Mar 2023 08:55

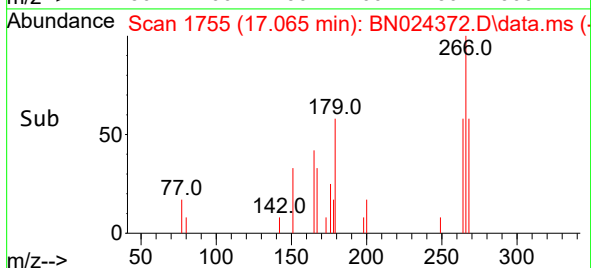
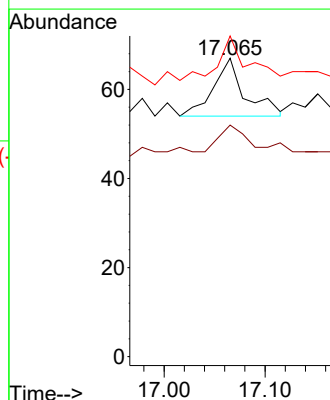
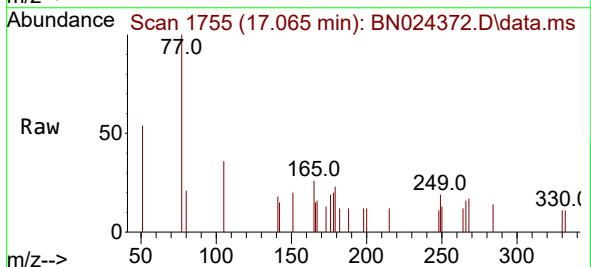
Instrument :
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RE134D1-20230309

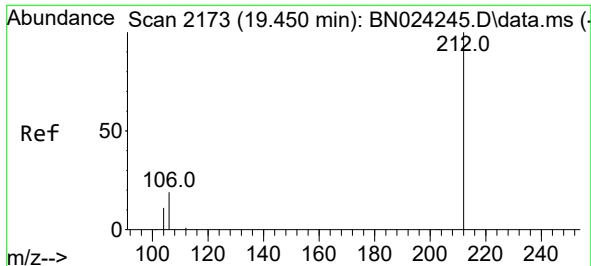
Tgt Ion:198 Resp: 10
Ion Ratio Lower Upper
198 100
51 528.6 68.2 102.2#
105 318.4 51.6 77.4#



#24
Pentachlorophenol
Concen: 0.131 ng
RT: 17.065 min Scan# 1755
Delta R.T. 0.000 min
Lab File: BN024372.D
Acq: 18 Mar 2023 08:55

Tgt Ion:266 Resp: 28
Ion Ratio Lower Upper
266 100
264 64.3 51.1 76.7
268 103.6 52.2 78.4#

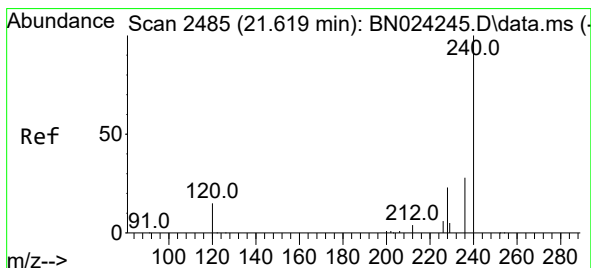
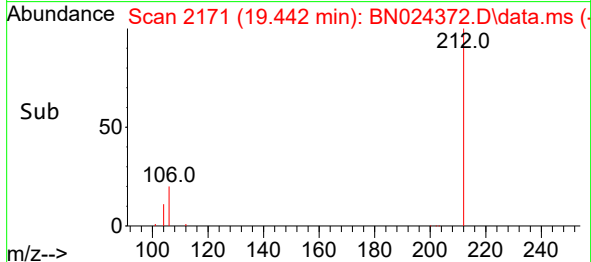
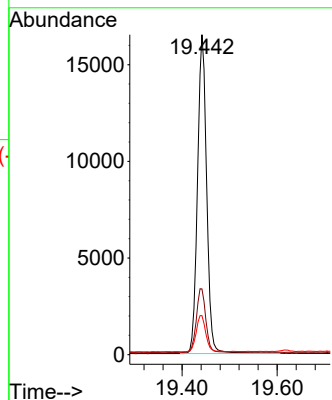
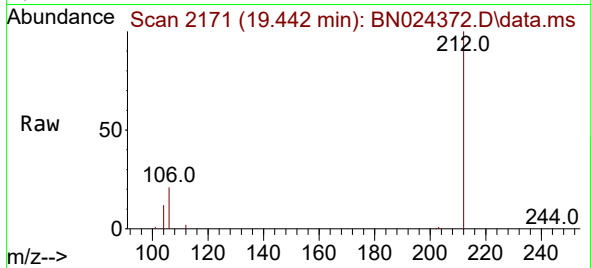




#27
Fluoranthene-d10
Concen: 0.396 ng
RT: 19.442 min Scan# 2171
Delta R.T. 0.000 min
Lab File: BN024372.D
Acq: 18 Mar 2023 08:55

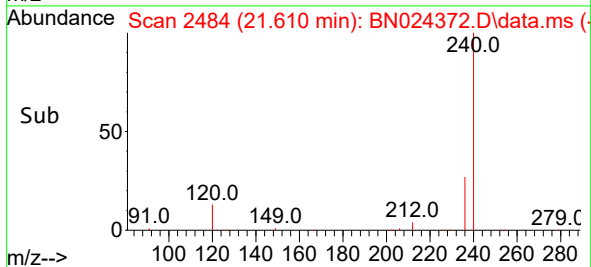
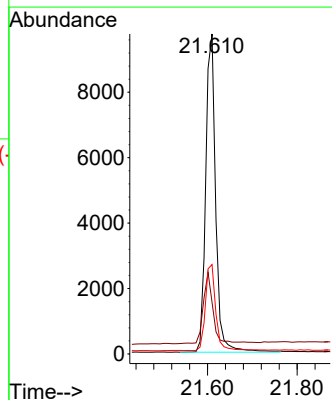
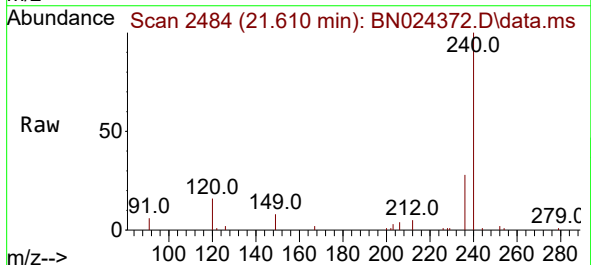
Instrument :
BNA_N
ClientSampleId :
RE134D1-20230309

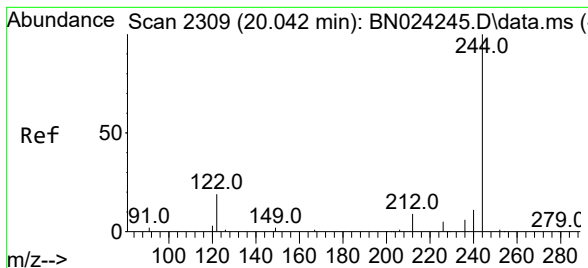
Tgt Ion:212 Resp: 22001
Ion Ratio Lower Upper
212 100
106 20.9 15.4 23.2
104 12.1 8.6 13.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.610 min Scan# 2484
Delta R.T. 0.009 min
Lab File: BN024372.D
Acq: 18 Mar 2023 08:55

Tgt Ion:240 Resp: 15063
Ion Ratio Lower Upper
240 100
120 16.2 12.8 19.2
236 28.0 22.5 33.7





#31

Terphenyl-d14

Concen: 0.515 ng

RT: 20.034 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN024372.D

Acq: 18 Mar 2023 08:55

Instrument :

BNA_N

ClientSampleId :

RE134D1-20230309

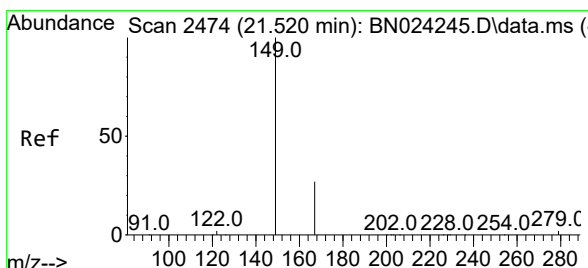
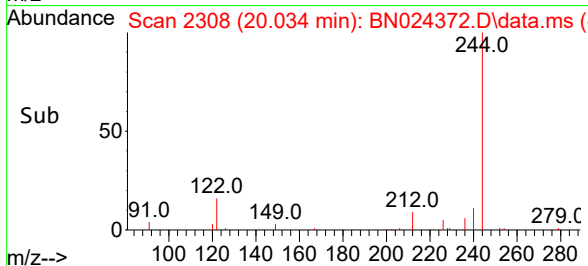
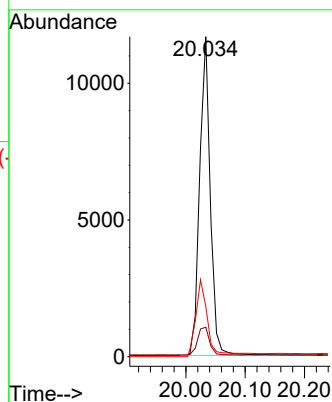
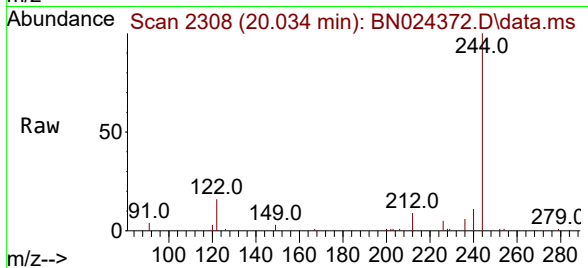
Tgt Ion:244 Resp: 13075

Ion Ratio Lower Upper

244 100

212 9.2 7.6 11.4

122 15.6 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: BN024372.D

Acq: 18 Mar 2023 08:55

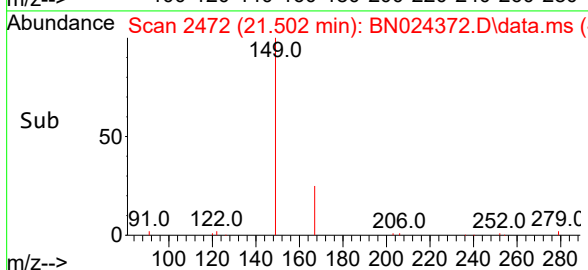
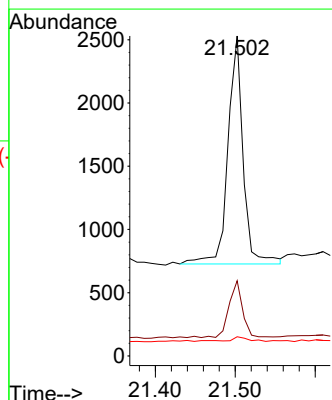
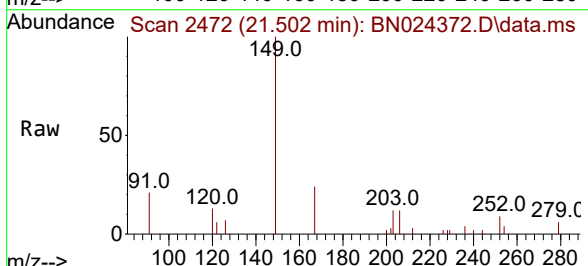
Tgt Ion:149 Resp: 2387

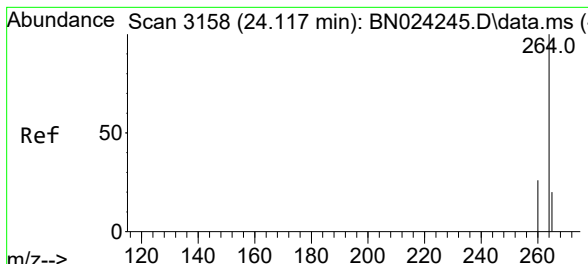
Ion Ratio Lower Upper

149 100

167 22.2 21.2 31.8

279 2.0 1.8 2.8





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.100 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: BN024372.D
 Acq: 18 Mar 2023 08:55

Instrument :
 BNA_N
 ClientSampleId :
 RE134D1-20230309

Tgt Ion:264 Resp: 10692

Ion	Ratio	Lower	Upper
264	100		
260	27.4	21.4	32.2
265	68.8	35.7	53.5

