

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031723\
 Data File : BN024382.D
 Acq On : 18 Mar 2023 15:00
 Operator : CG/JU
 Sample : 01880-13
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE120D2-20230310

Quant Time: Mar 20 01:10:20 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)

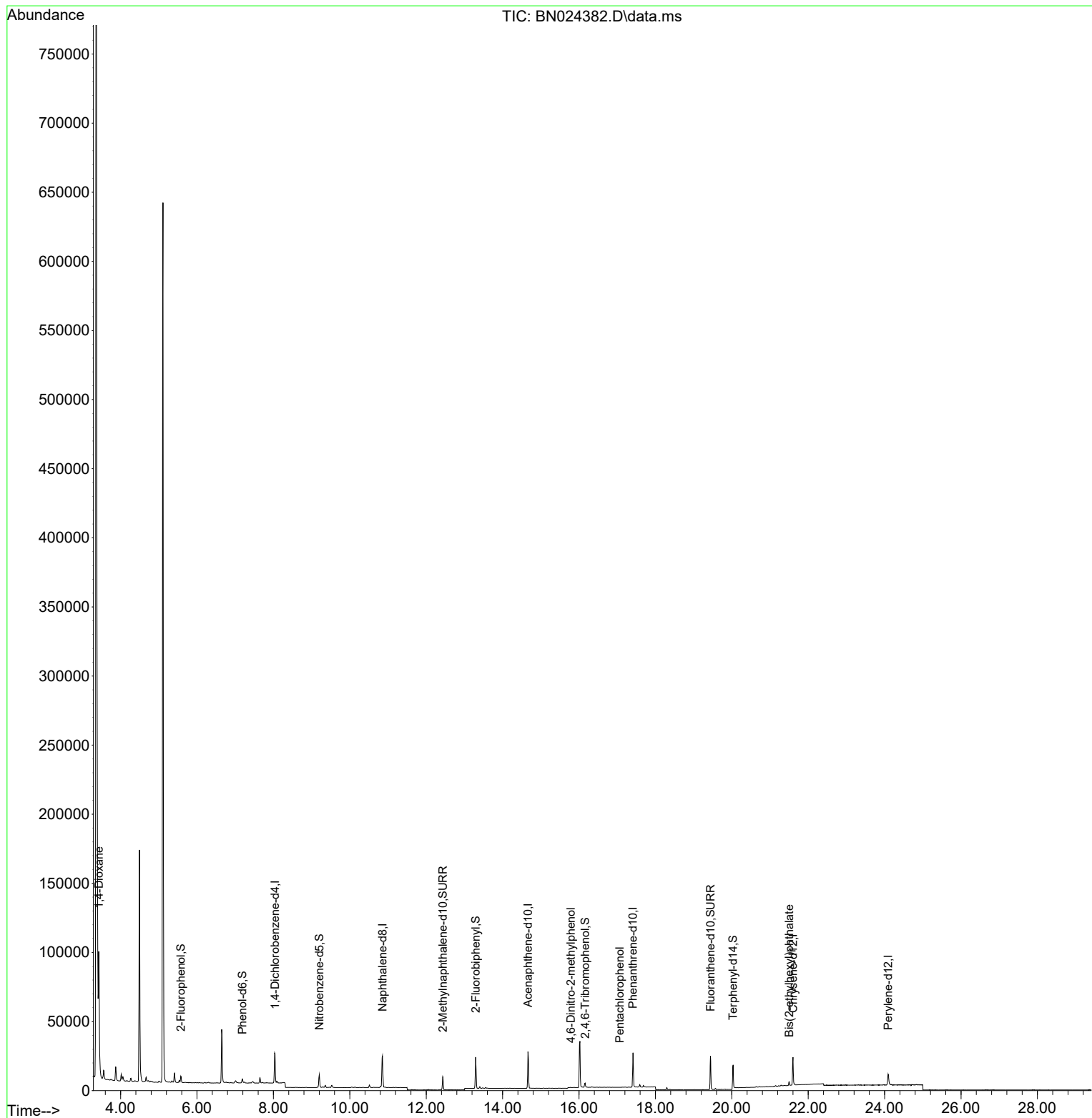
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	10096	0.400	ng	0.00
7) Naphthalene-d8	10.856	136	30919	0.400	ng	0.00
13) Acenaphthene-d10	14.665	164	14858	0.400	ng	0.00
19) Phenanthrene-d10	17.413	188	29928	0.400	ng	# 0.00
29) Chrysene-d12	21.601	240	18874	0.400	ng	0.00
35) Perylene-d12	24.094	264	12165	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.577	112	3485	0.156	ng	0.00
5) Phenol-d6	7.188	99	2609	0.091	ng	0.00
8) Nitrobenzene-d5	9.201	82	7353	0.356	ng	0.00
11) 2-Methylnaphthalene-d10	12.433	152	12415	0.327	ng	0.00
14) 2,4,6-Tribromophenol	16.159	330	1913	0.252	ng	0.00
15) 2-Fluorobiphenyl	13.296	172	18237	0.325	ng	0.00
27) Fluoranthene-d10	19.442	212	24436	0.385	ng	0.00
31) Terphenyl-d14	20.034	244	13117	0.412	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.432	88	51553	4.693	ng	Qvalue 98
20) 4,6-Dinitro-2-methylph...	15.787	198	3	0.179	ng	# 1
24) Pentachlorophenol	17.065	266	16	0.130	ng	# 47
34) Bis(2-ethylhexyl)phtha...	21.502	149	3002	0.101	ng	95

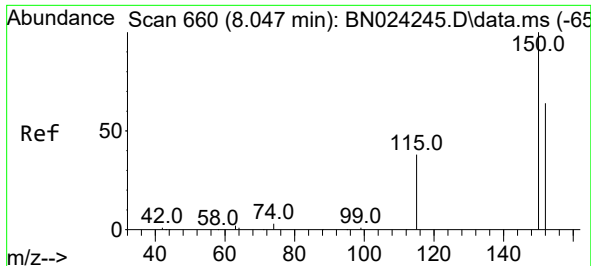
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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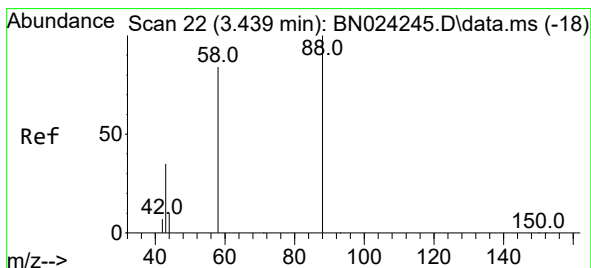
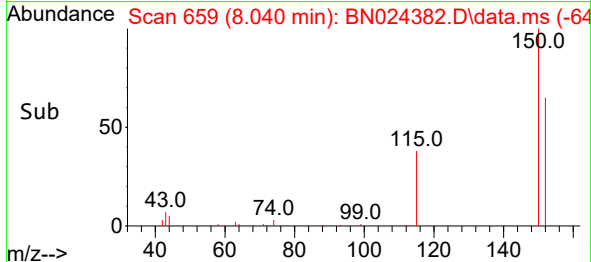
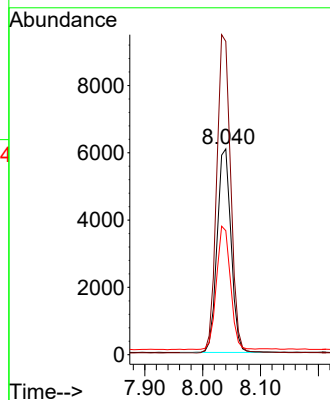
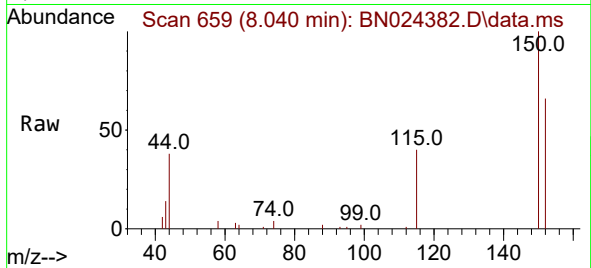




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.040 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN024382.D
 Acq: 18 Mar 2023 15:00

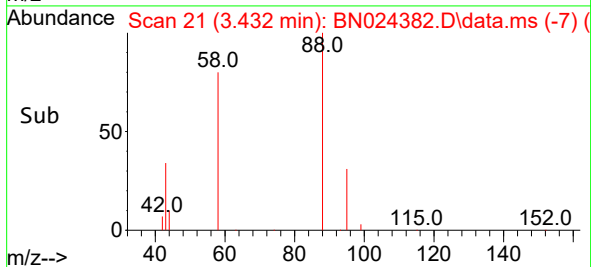
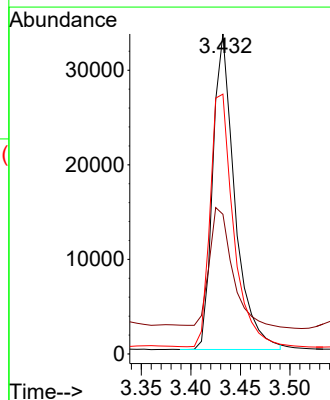
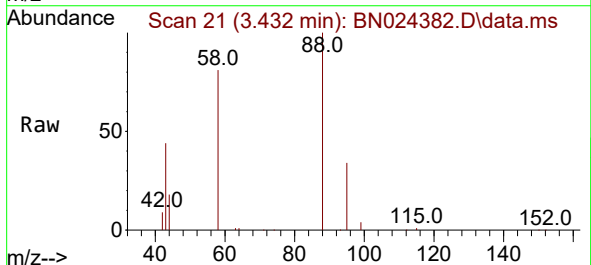
Instrument :
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 RE120D2-20230310

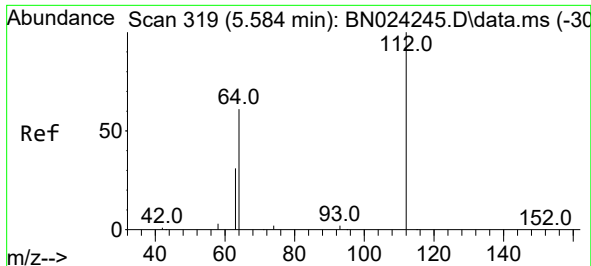
Tgt Ion: 152 Resp: 10096
 Ion Ratio Lower Upper
 152 100
 150 152.2 124.7 187.1
 115 60.2 49.1 73.7



#2
 1,4-Dioxane
 Concen: 4.693 ng
 RT: 3.432 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN024382.D
 Acq: 18 Mar 2023 15:00

Tgt Ion: 88 Resp: 51553
 Ion Ratio Lower Upper
 88 100
 43 39.4 29.0 43.4
 58 85.0 67.3 100.9

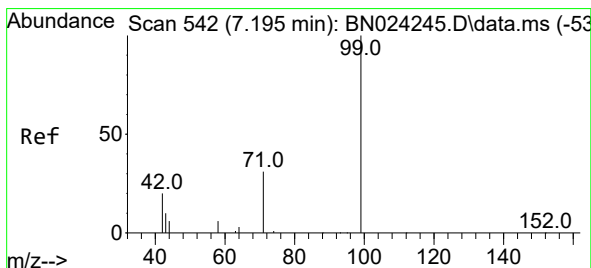
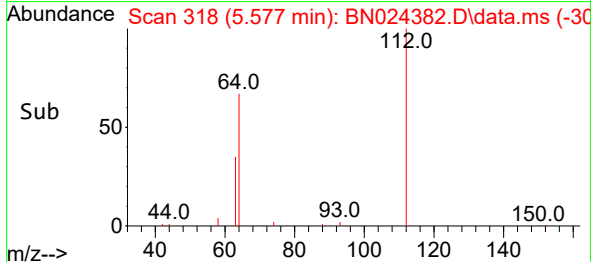
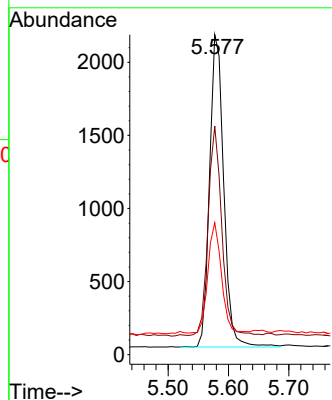
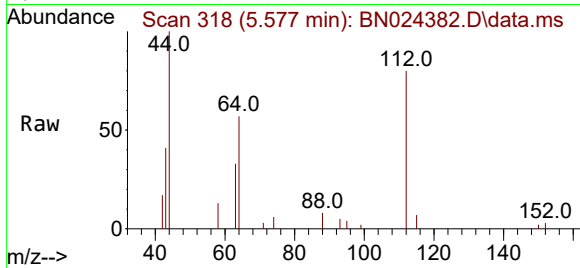




#4
2-Fluorophenol
Concen: 0.156 ng
RT: 5.577 min Scan# 319
Delta R.T. 0.000 min
Lab File: BN024382.D
Acq: 18 Mar 2023 15:00

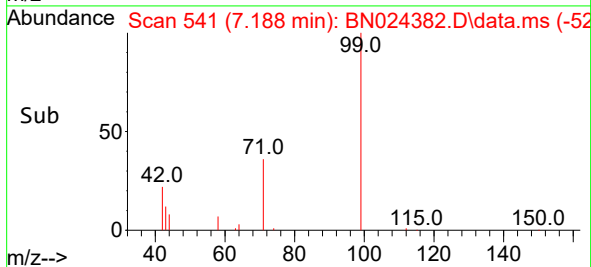
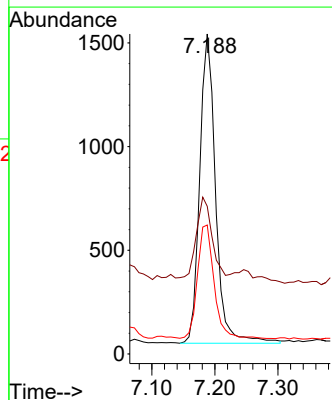
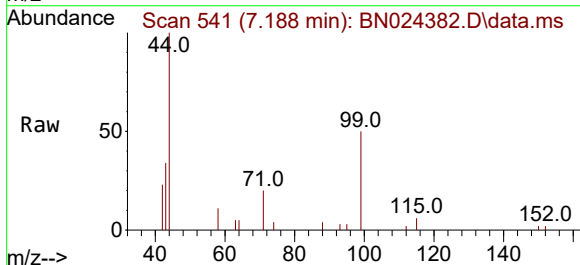
Instrument :
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ClientSampleId :
RE120D2-20230310

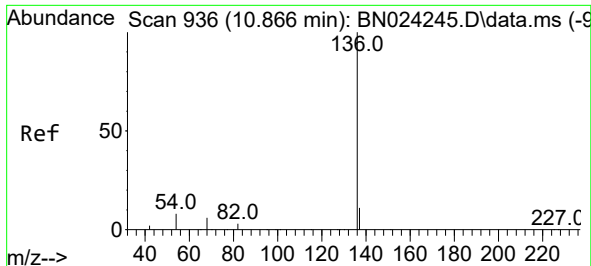
Tgt Ion:112 Resp: 3485
Ion Ratio Lower Upper
112 100
64 64.5 49.0 73.6
63 33.5 25.7 38.5



#5
Phenol-d6
Concen: 0.091 ng
RT: 7.188 min Scan# 541
Delta R.T. 0.000 min
Lab File: BN024382.D
Acq: 18 Mar 2023 15:00

Tgt Ion: 99 Resp: 2609
Ion Ratio Lower Upper
99 100
42 28.0 20.1 30.1
71 38.6 25.8 38.8

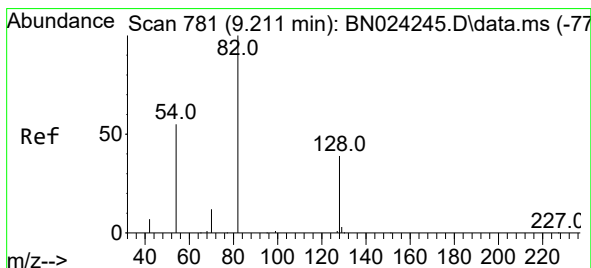
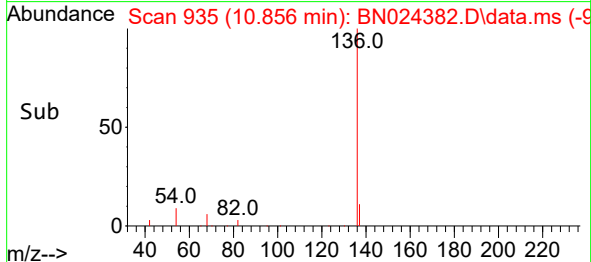
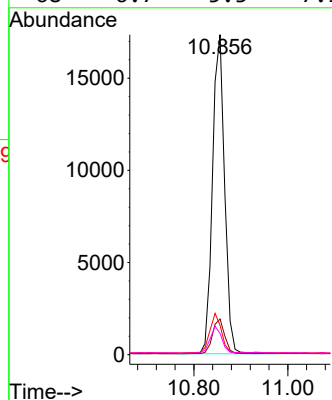
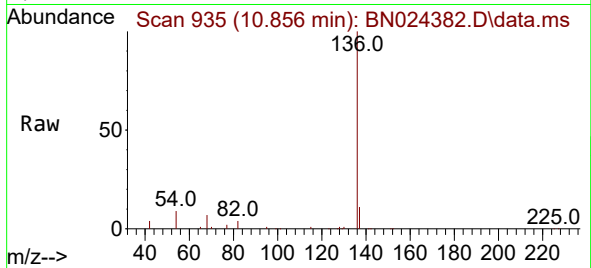




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.856 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN024382.D
Acq: 18 Mar 2023 15:00

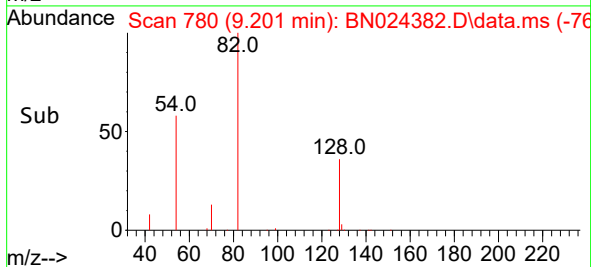
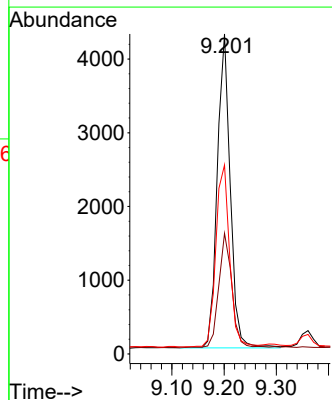
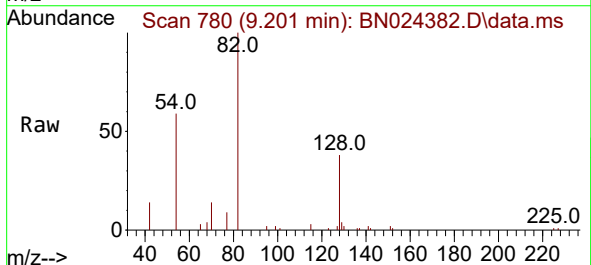
Instrument :
BNA_N
ClientSampleId :
RE120D2-20230310

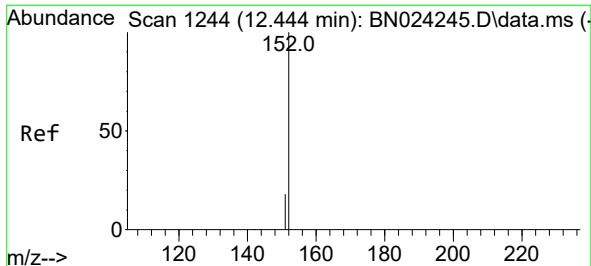
Tgt Ion:	136	Resp:	30919
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.9	13.3
54	9.1	7.1	10.7
68	6.7	5.3	7.9



#8
Nitrobenzene-d5
Concen: 0.356 ng
RT: 9.201 min Scan# 780
Delta R.T. 0.000 min
Lab File: BN024382.D
Acq: 18 Mar 2023 15:00

Tgt Ion:	82	Resp:	7353
Ion Ratio	Lower	Upper	
82	100		
128	37.7	32.4	48.6
54	59.1	45.2	67.8

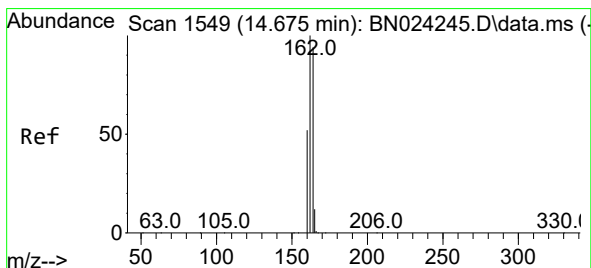
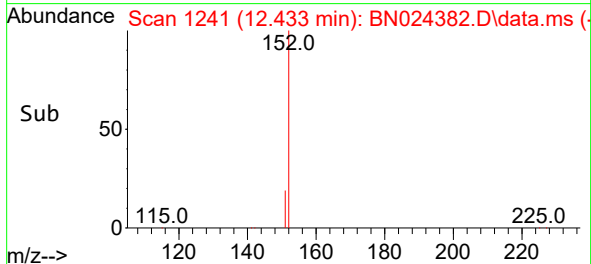
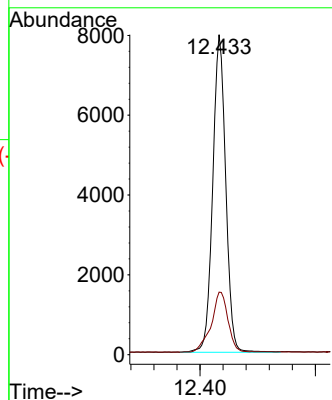
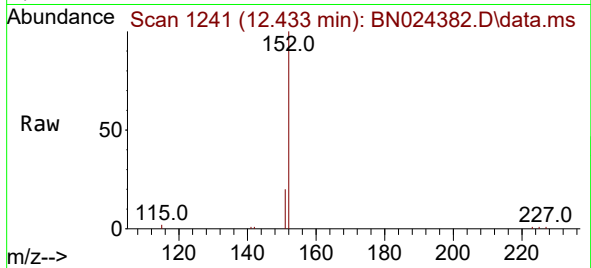




#11
2-Methylnaphthalene-d10
Concen: 0.327 ng
RT: 12.433 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN024382.D
Acq: 18 Mar 2023 15:00

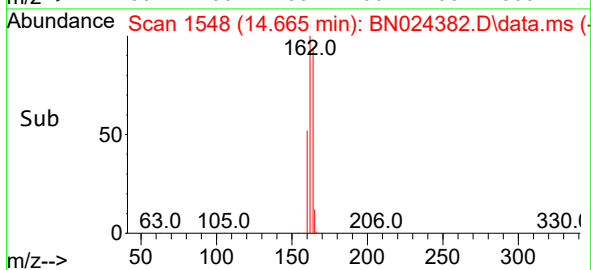
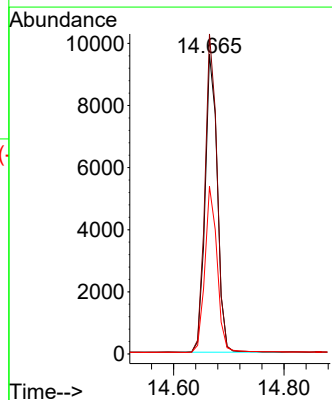
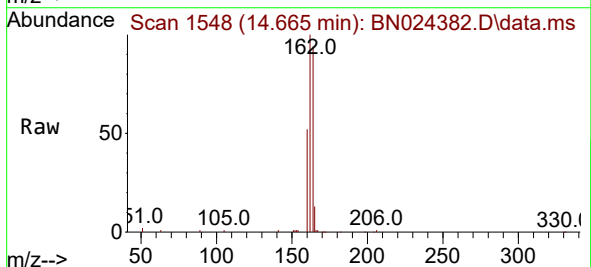
Instrument :
BNA_N
ClientSampleId :
RE120D2-20230310

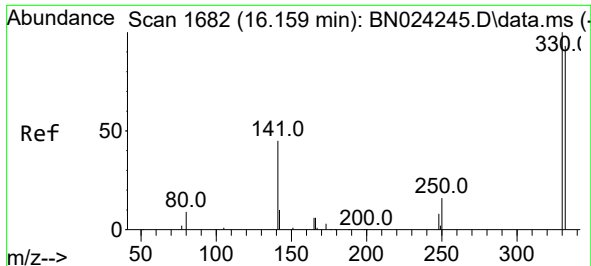
Tgt Ion:152 Resp: 12415
Ion Ratio Lower Upper
152 100
151 24.3 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.665 min Scan# 1548
Delta R.T. 0.000 min
Lab File: BN024382.D
Acq: 18 Mar 2023 15:00

Tgt Ion:164 Resp: 14858
Ion Ratio Lower Upper
164 100
162 106.7 84.7 127.1
160 55.9 44.6 66.8

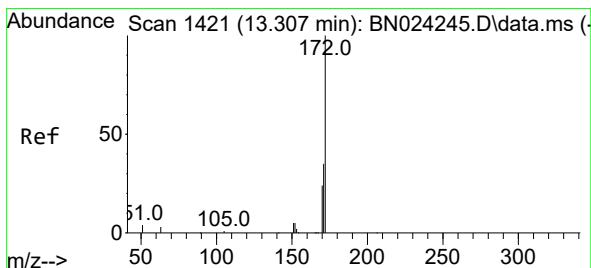
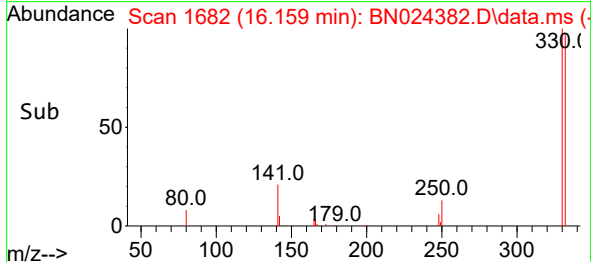
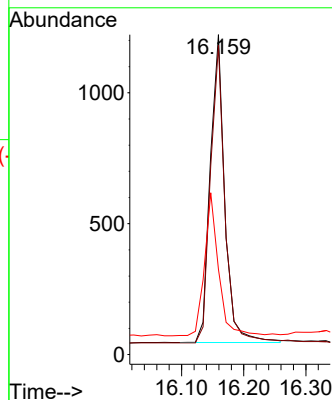
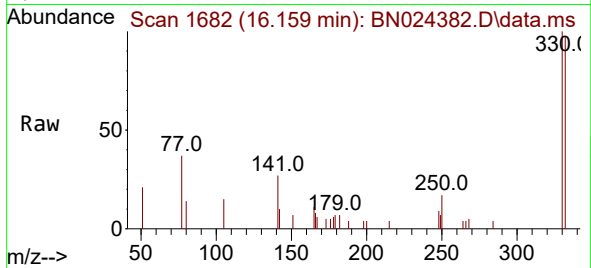




#14
2,4,6-Tribromophenol
Concen: 0.252 ng
RT: 16.159 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN024382.D
Acq: 18 Mar 2023 15:00

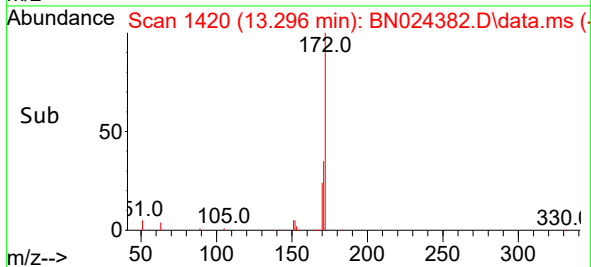
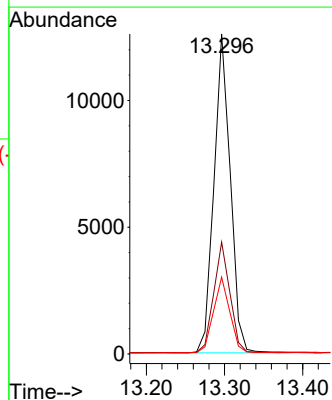
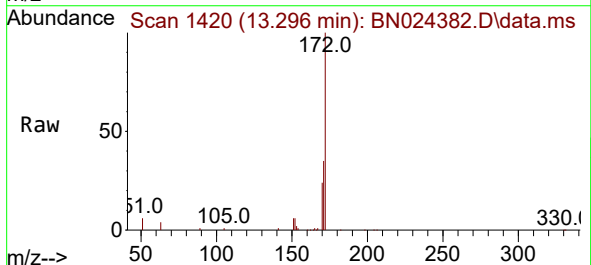
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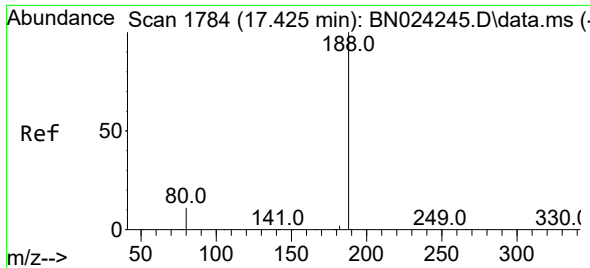
Tgt Ion: 330 Resp: 1913
Ion Ratio Lower Upper
330 100
332 96.0 78.0 117.0
141 45.1 30.8 46.2



#15
2-Fluorobiphenyl
Concen: 0.325 ng
RT: 13.296 min Scan# 1420
Delta R.T. 0.000 min
Lab File: BN024382.D
Acq: 18 Mar 2023 15:00

Tgt Ion: 172 Resp: 18237
Ion Ratio Lower Upper
172 100
171 35.0 27.8 41.8
170 24.0 19.0 28.6

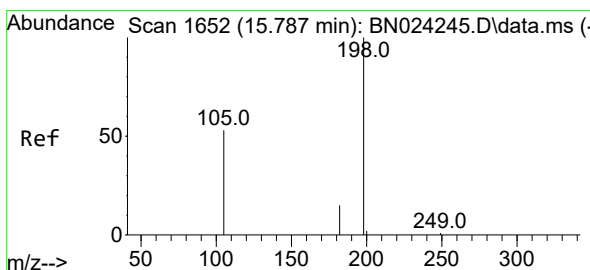
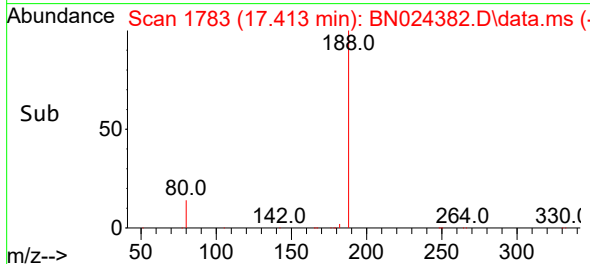
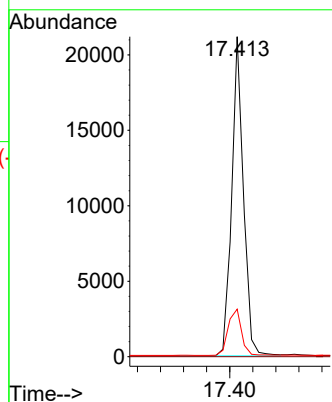
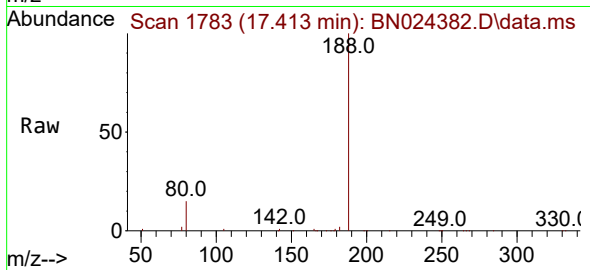




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.413 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN024382.D
Acq: 18 Mar 2023 15:00

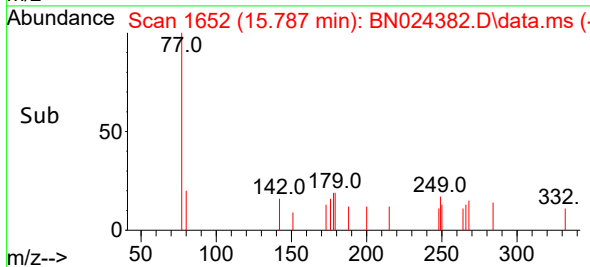
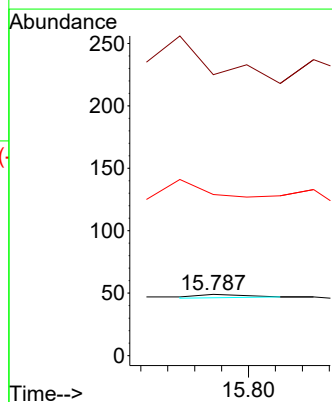
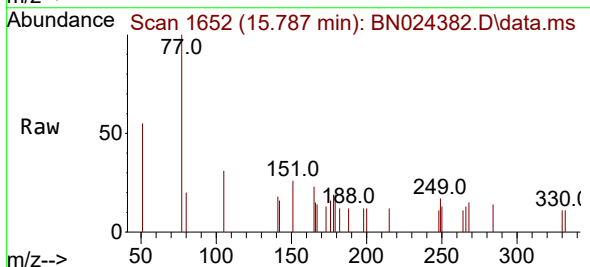
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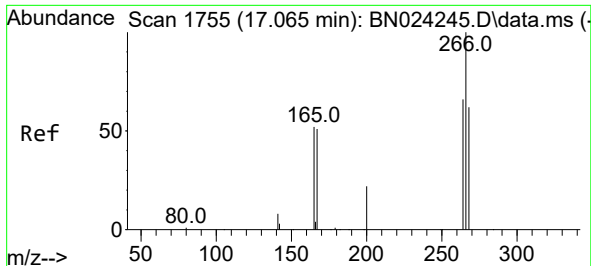
Tgt Ion:188 Resp: 29928
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.8 8.9 13.3#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.179 ng
RT: 15.787 min Scan# 1652
Delta R.T. 0.000 min
Lab File: BN024382.D
Acq: 18 Mar 2023 15:00

Tgt Ion:198 Resp: 3
Ion Ratio Lower Upper
198 100
51 459.2 68.2 102.2#
105 263.3 51.6 77.4#

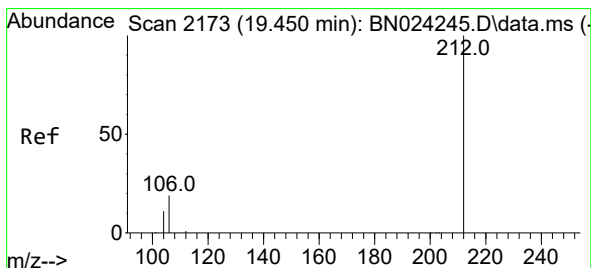
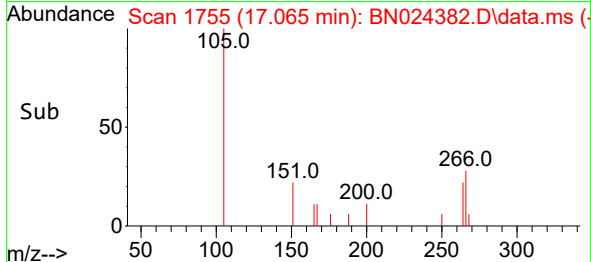
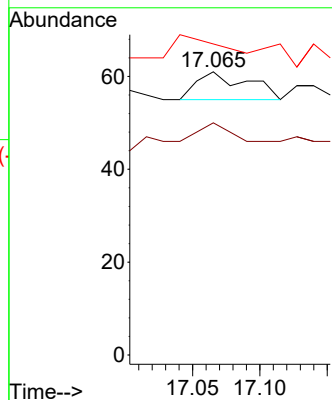
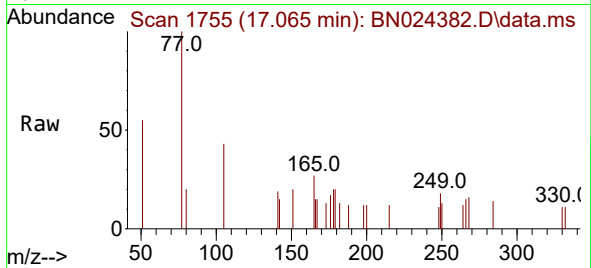




#24
Pentachlorophenol
Concen: 0.130 ng
RT: 17.065 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN024382.D
Acq: 18 Mar 2023 15:00

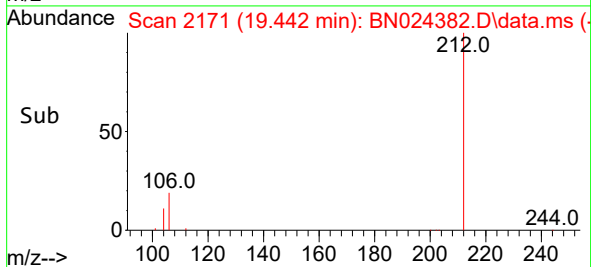
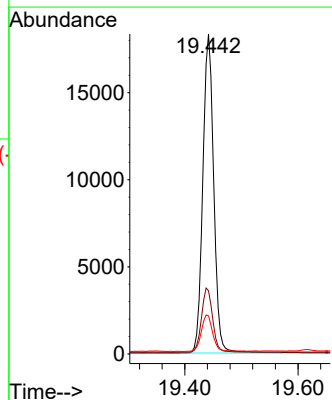
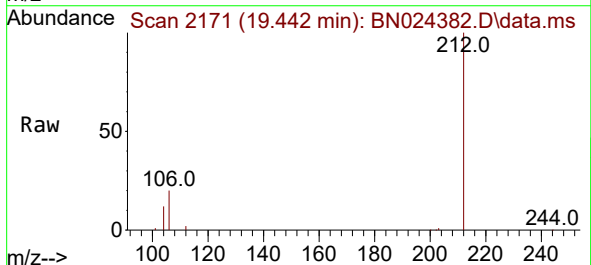
Instrument :
BNA_N
ClientSampleId :
RE120D2-20230310

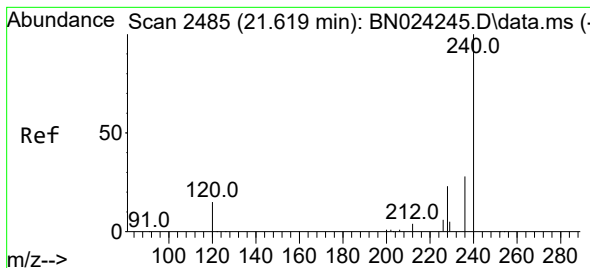
Tgt Ion:266 Resp: 16
Ion Ratio Lower Upper
266 100
264 81.3 51.1 76.7#
268 0.0 52.2 78.4#



#27
Fluoranthene-d10
Concen: 0.385 ng
RT: 19.442 min Scan# 2171
Delta R.T. 0.000 min
Lab File: BN024382.D
Acq: 18 Mar 2023 15:00

Tgt Ion:212 Resp: 24436
Ion Ratio Lower Upper
212 100
106 20.6 15.4 23.2
104 11.9 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: BN024382.D

Acq: 18 Mar 2023 15:00

Instrument :

BNA_N

ClientSampleId :

RE120D2-20230310

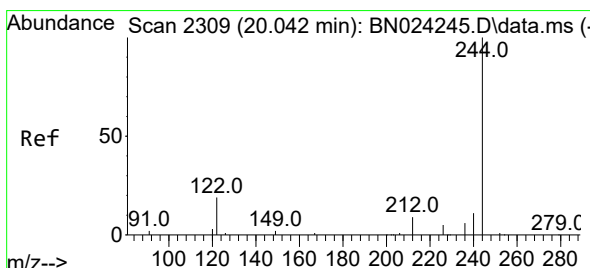
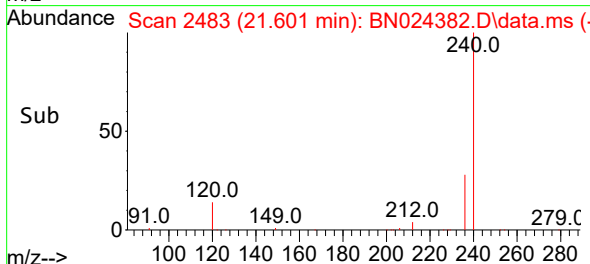
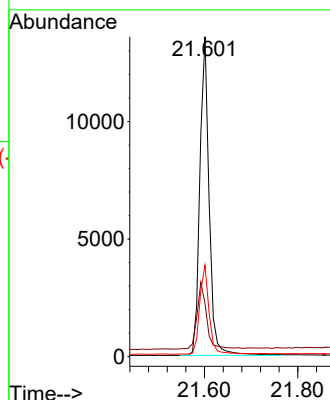
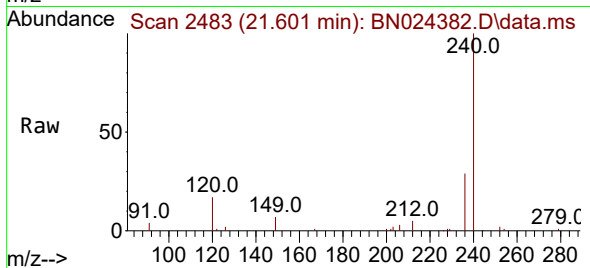
Tgt Ion:240 Resp: 18874

Ion Ratio Lower Upper

240 100

120 16.7 12.8 19.2

236 28.6 22.5 33.7



#31

Terphenyl-d14

Concen: 0.412 ng

RT: 20.034 min Scan# 2308

Delta R.T. 0.000 min

Lab File: BN024382.D

Acq: 18 Mar 2023 15:00

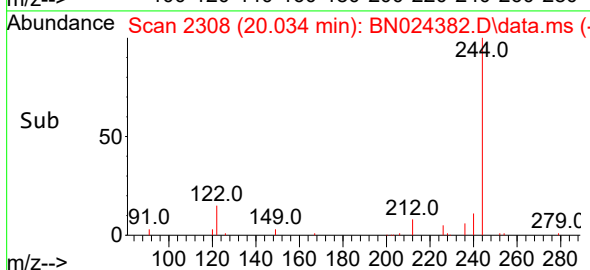
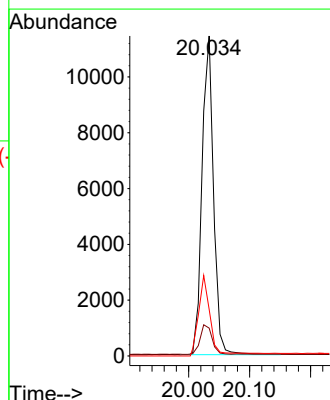
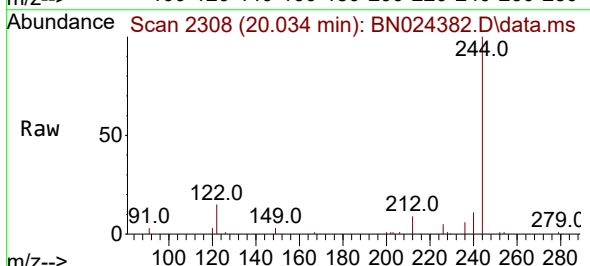
Tgt Ion:244 Resp: 13117

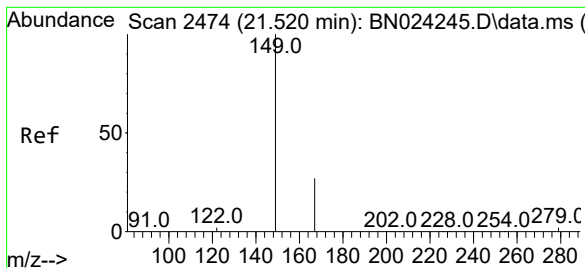
Ion Ratio Lower Upper

244 100

212 8.7 7.6 11.4

122 14.6 15.1 22.7#

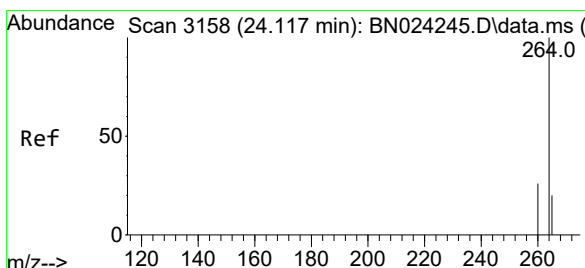
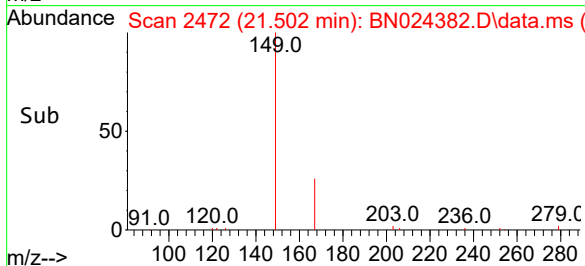
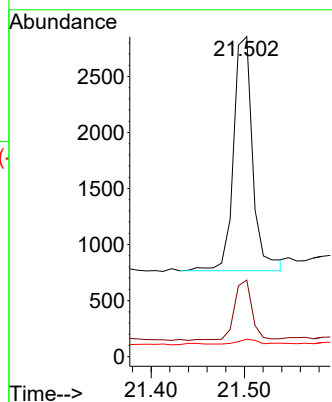
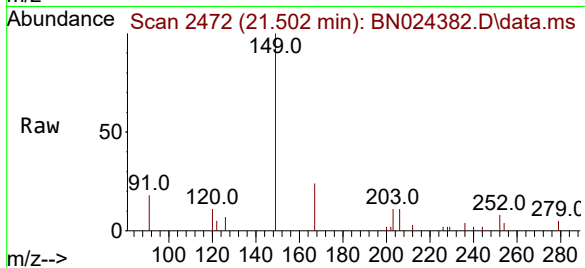




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.101 ng
 RT: 21.502 min Scan# 2474
 Delta R.T. 0.000 min
 Lab File: BN024382.D
 Acq: 18 Mar 2023 15:00

Instrument :
 BNA_N
 ClientSampleId :
 RE120D2-20230310

Tgt Ion:149 Resp: 3002
 Ion Ratio Lower Upper
 149 100
 167 23.6 21.2 31.8
 279 2.2 1.8 2.8



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.094 min Scan# 3150
 Delta R.T. -0.003 min
 Lab File: BN024382.D
 Acq: 18 Mar 2023 15:00

Tgt Ion:264 Resp: 12165
 Ion Ratio Lower Upper
 264 100
 260 27.2 21.4 32.2
 265 65.2 35.7 53.5#

