

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031723\
 Data File : BN024393.D
 Acq On : 18 Mar 2023 23:32
 Operator : CG/JU
 Sample : 01903-06
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE103D1-20230310

Quant Time: Mar 20 01:12:43 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)

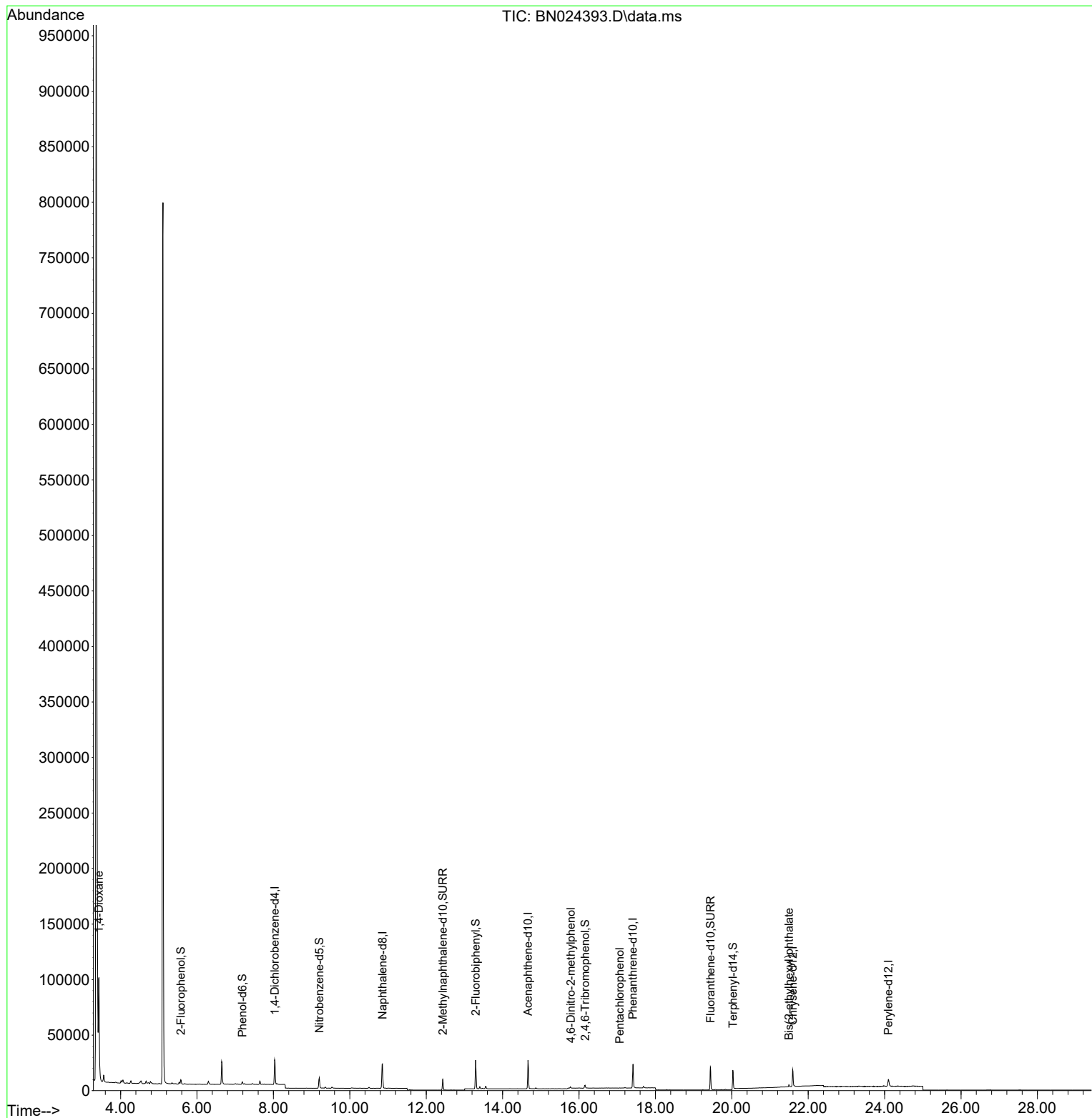
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.033	152	10029	0.400	ng	0.00
7) Naphthalene-d8	10.856	136	30085	0.400	ng	0.00
13) Acenaphthene-d10	14.665	164	14085	0.400	ng	0.00
19) Phenanthrene-d10	17.413	188	28276	0.400	ng	# 0.00
29) Chrysene-d12	21.592	240	15215	0.400	ng	# 0.00
35) Perylene-d12	24.100	264	10390	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.577	112	2931	0.132	ng	0.00
5) Phenol-d6	7.188	99	2071	0.073	ng	0.00
8) Nitrobenzene-d5	9.201	82	7788	0.387	ng	0.00
11) 2-Methylnaphthalene-d10	12.433	152	12434	0.336	ng	0.00
14) 2,4,6-Tribromophenol	16.159	330	1784	0.248	ng	0.00
15) 2-Fluorobiphenyl	13.296	172	20978	0.394	ng	0.00
27) Fluoranthene-d10	19.442	212	21704	0.362	ng	0.00
31) Terphenyl-d14	20.034	244	12944	0.505	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.432	88	54192	4.966	ng	Qvalue 97
20) 4,6-Dinitro-2-methylph...	15.787	198	11	0.180	ng	# 1
24) Pentachlorophenol	17.065	266	61	0.133	ng	# 83
34) Bis(2-ethylhexyl)phtha...	21.493	149	1943	0.081	ng	# 92

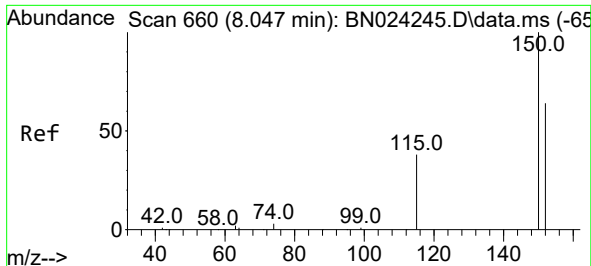
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031723\
Data File : BN024393.D
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Misc :
ALS Vial : 48 Sample Multiplier: 1

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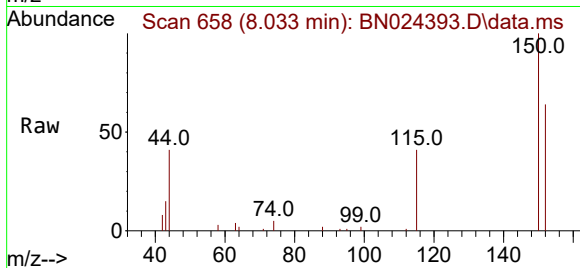
Quant Time: Mar 20 01:12:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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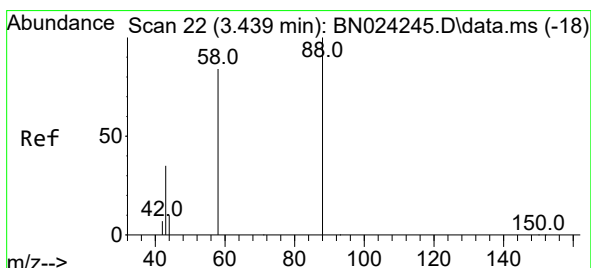
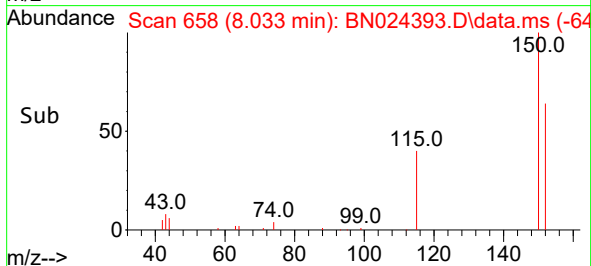
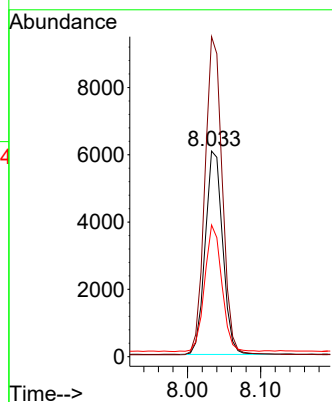


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.033 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN024393.D
 Acq: 18 Mar 2023 23:32

Instrument :
 BNA_N
 ClientSampleId :
 RE103D1-20230310

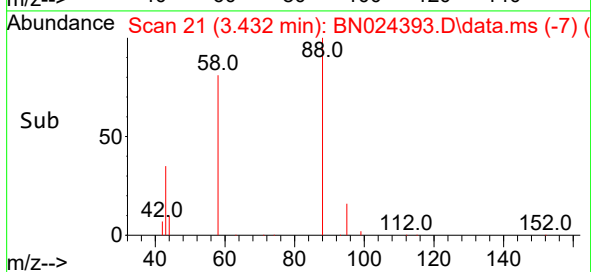
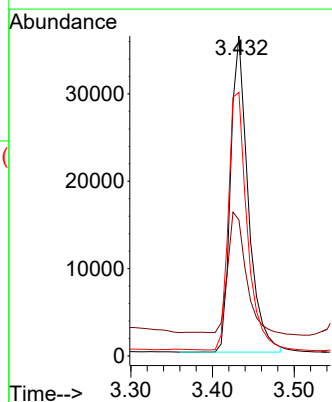
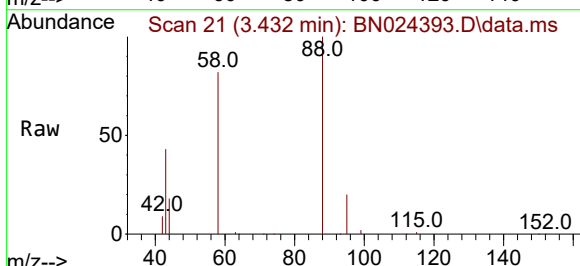


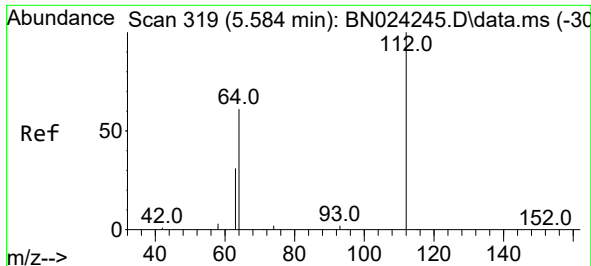
Tgt Ion:152 Resp: 10029
 Ion Ratio Lower Upper
 152 100
 150 155.7 124.7 187.1
 115 64.1 49.1 73.7



#2
 1,4-Dioxane
 Concen: 4.966 ng
 RT: 3.432 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN024393.D
 Acq: 18 Mar 2023 23:32

Tgt Ion: 88 Resp: 54192
 Ion Ratio Lower Upper
 88 100
 43 39.0 29.0 43.4
 58 86.7 67.3 100.9

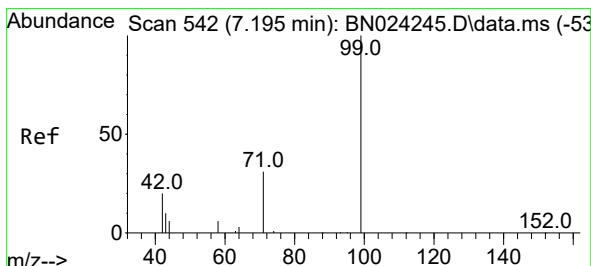
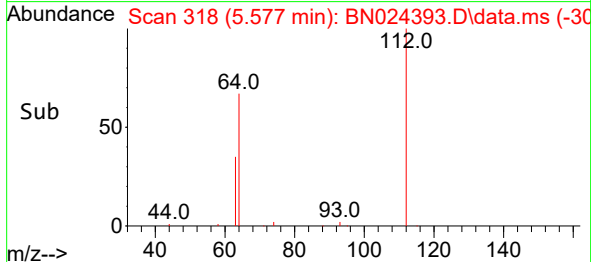
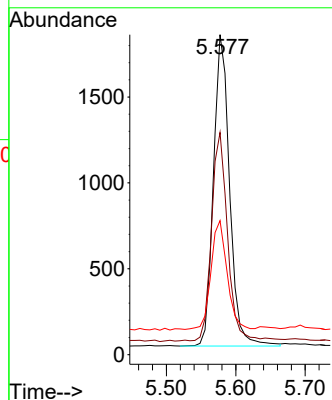
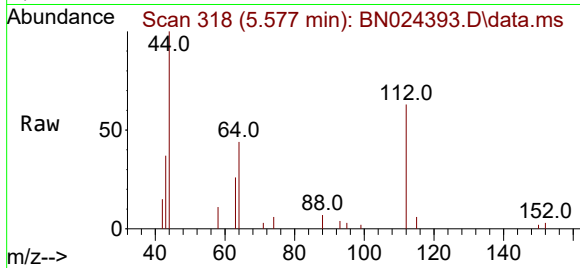




#4
2-Fluorophenol
Concen: 0.132 ng
RT: 5.577 min Scan# 319
Delta R.T. 0.000 min
Lab File: BN024393.D
Acq: 18 Mar 2023 23:32

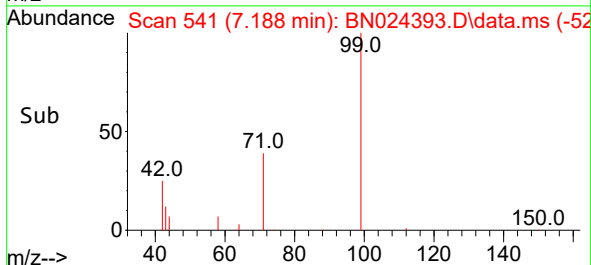
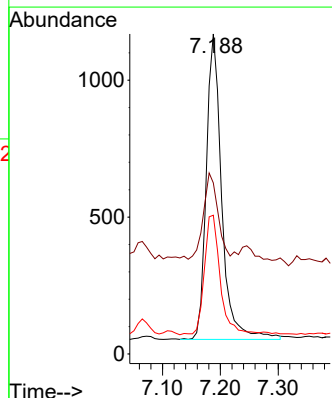
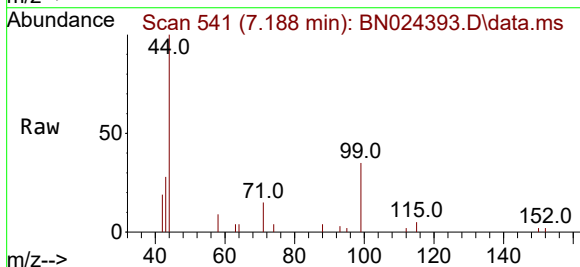
Instrument :
BNA_N
ClientSampleId :
RE103D1-20230310

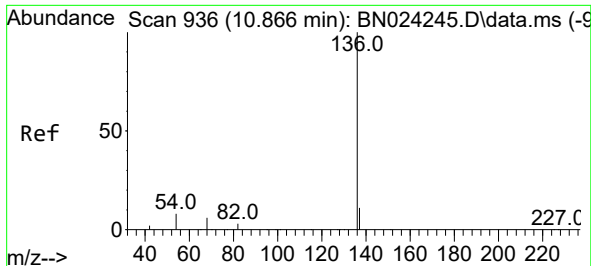
Tgt Ion:112 Resp: 2931
Ion Ratio Lower Upper
112 100
64 67.2 49.0 73.6
63 35.8 25.7 38.5



#5
Phenol-d6
Concen: 0.073 ng
RT: 7.188 min Scan# 541
Delta R.T. 0.000 min
Lab File: BN024393.D
Acq: 18 Mar 2023 23:32

Tgt Ion: 99 Resp: 2071
Ion Ratio Lower Upper
99 100
42 26.6 20.1 30.1
71 40.7 25.8 38.8#

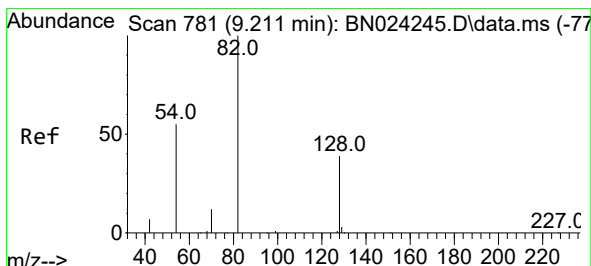
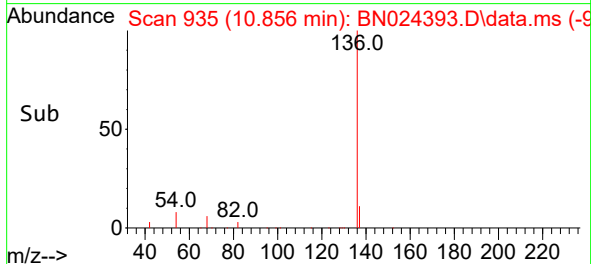
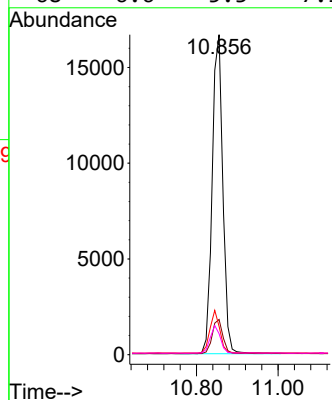
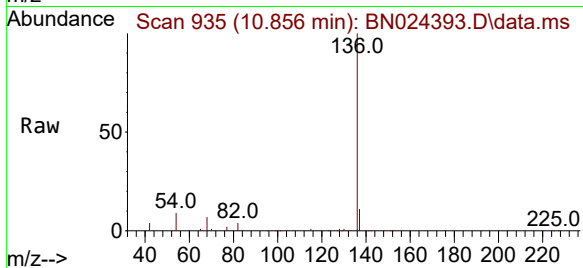




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.856 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN024393.D
Acq: 18 Mar 2023 23:32

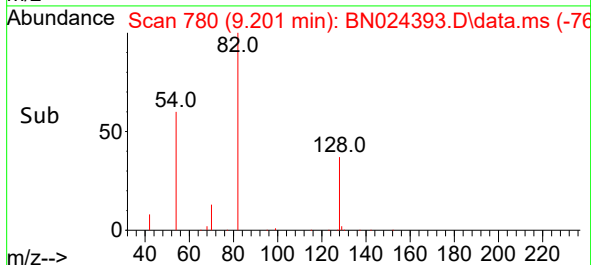
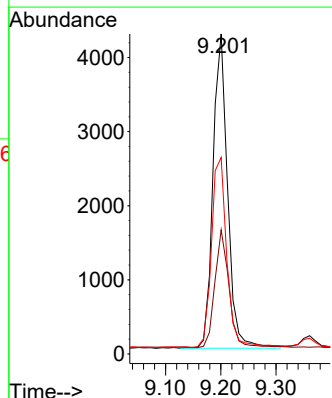
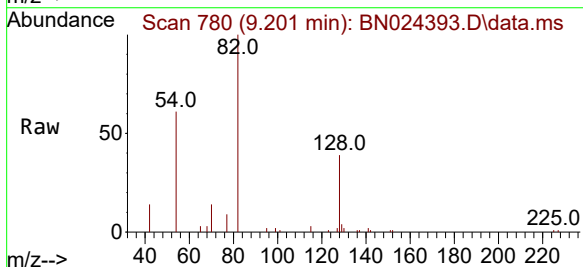
Instrument :
BNA_N
ClientSampleId :
RE103D1-20230310

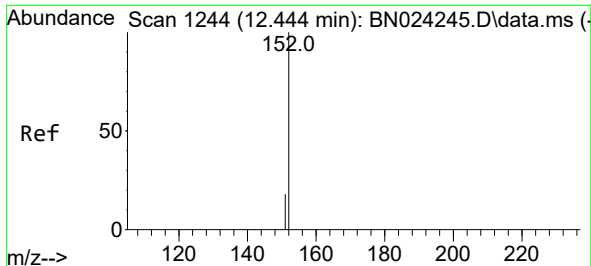
Tgt Ion:	136	Resp:	30085
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.9	13.3
54	8.8	7.1	10.7
68	6.6	5.3	7.9



#8
Nitrobenzene-d5
Concen: 0.387 ng
RT: 9.201 min Scan# 780
Delta R.T. 0.000 min
Lab File: BN024393.D
Acq: 18 Mar 2023 23:32

Tgt Ion:	82	Resp:	7788
Ion Ratio	Lower	Upper	
82	100		
128	38.8	32.4	48.6
54	61.4	45.2	67.8





#11

2-Methylnaphthalene-d10

Concen: 0.336 ng

RT: 12.433 min Scan# 1241

Delta R.T. 0.000 min

Lab File: BN024393.D

Acq: 18 Mar 2023 23:32

Instrument :

BNA_N

ClientSampleId :

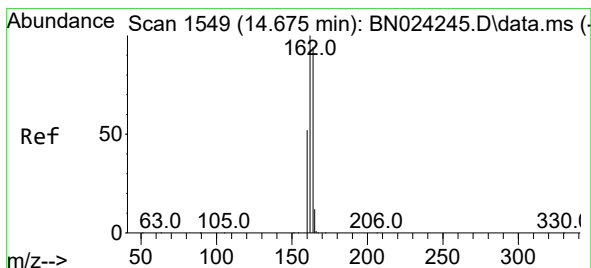
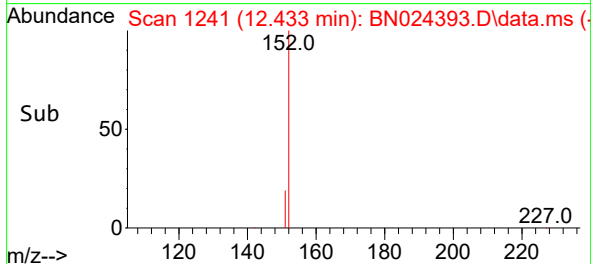
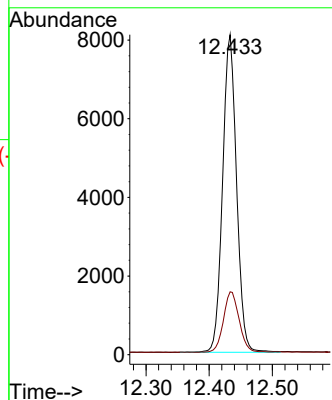
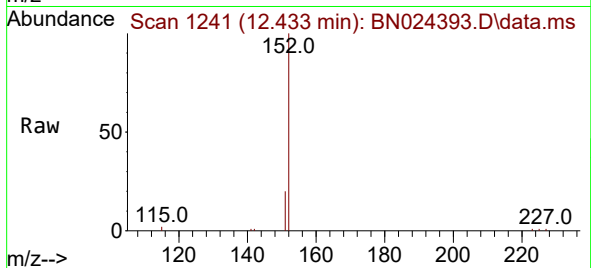
RE103D1-20230310

Tgt Ion:152 Resp: 12434

Ion Ratio Lower Upper

152 100

151 21.4 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: BN024393.D

Acq: 18 Mar 2023 23:32

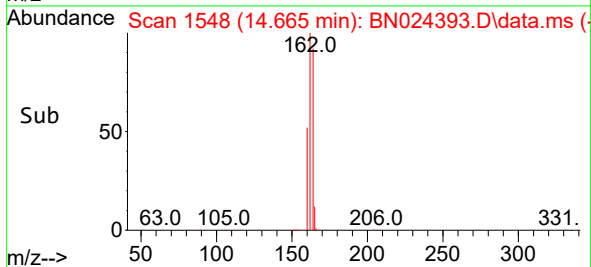
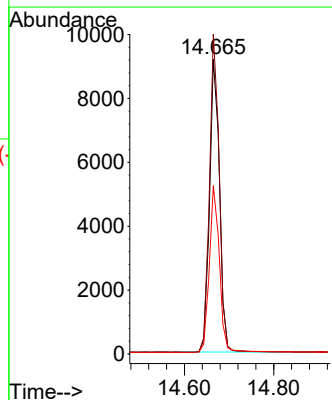
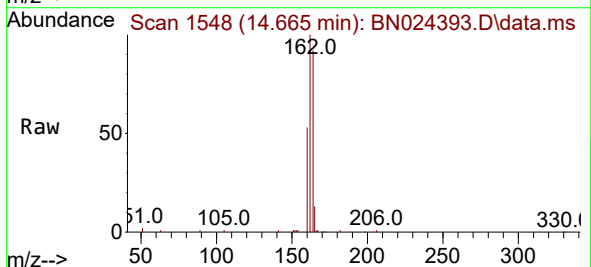
Tgt Ion:164 Resp: 14085

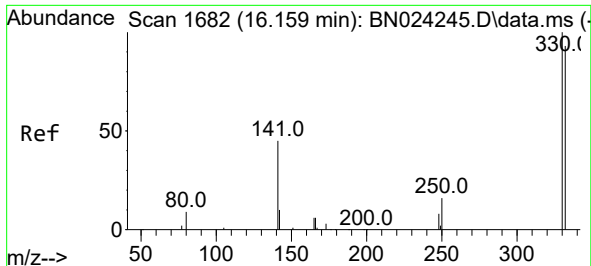
Ion Ratio Lower Upper

164 100

162 108.5 84.7 127.1

160 57.1 44.6 66.8

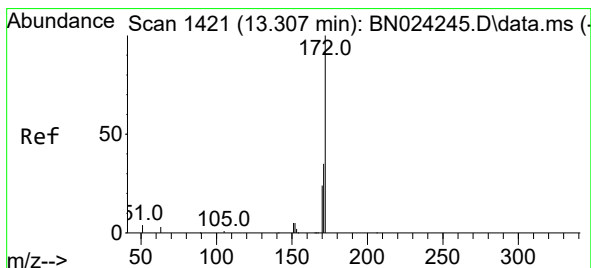
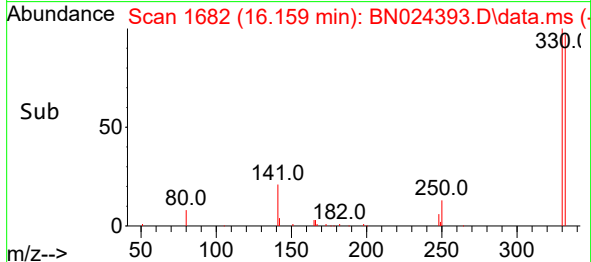
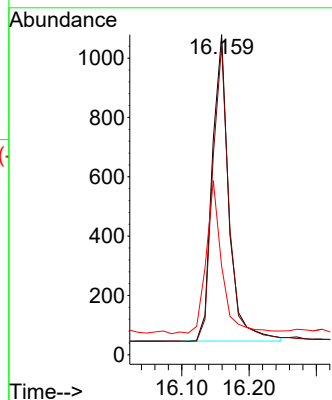
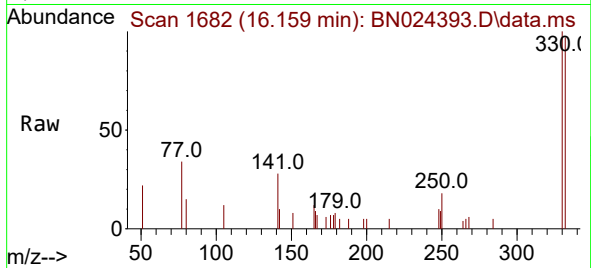




#14
2,4,6-Tribromophenol
Concen: 0.248 ng
RT: 16.159 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN024393.D
Acq: 18 Mar 2023 23:32

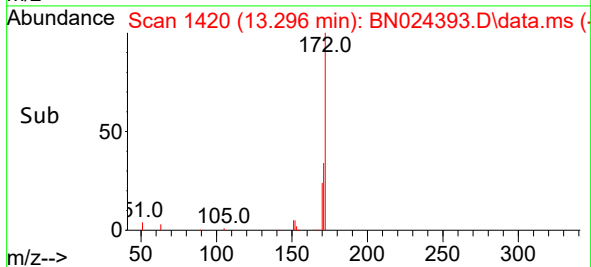
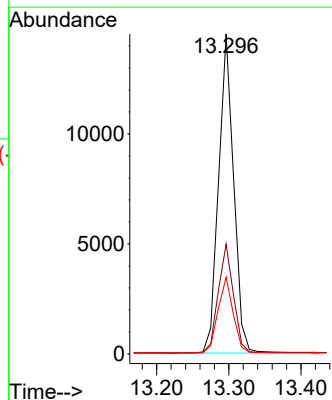
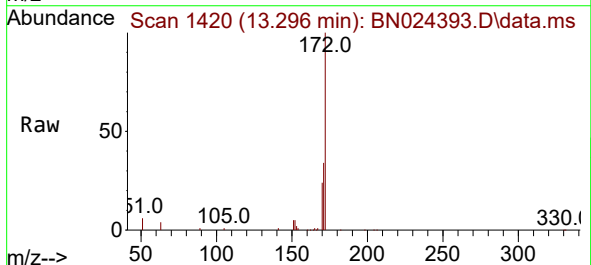
Instrument :
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RE103D1-20230310

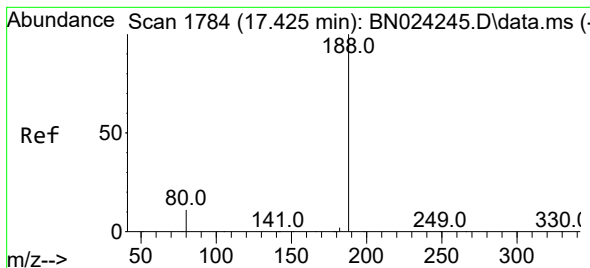
Tgt Ion: 330 Resp: 1784
Ion Ratio Lower Upper
330 100
332 96.2 78.0 117.0
141 47.8 30.8 46.2#



#15
2-Fluorobiphenyl
Concen: 0.394 ng
RT: 13.296 min Scan# 1420
Delta R.T. 0.000 min
Lab File: BN024393.D
Acq: 18 Mar 2023 23:32

Tgt Ion: 172 Resp: 20978
Ion Ratio Lower Upper
172 100
171 34.3 27.8 41.8
170 23.9 19.0 28.6





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.413 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN024393.D

Acq: 18 Mar 2023 23:32

Instrument :

BNA_N

ClientSampleId :

RE103D1-20230310

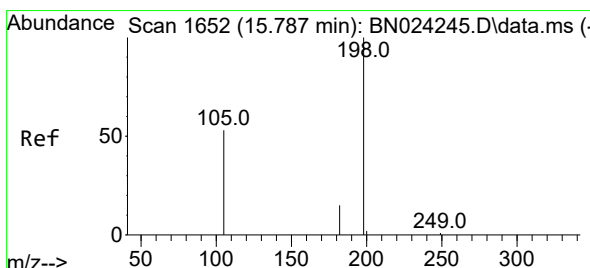
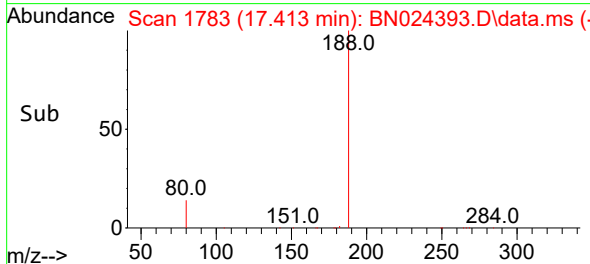
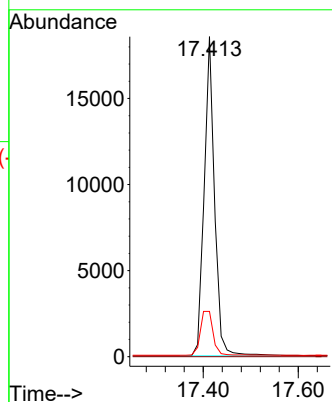
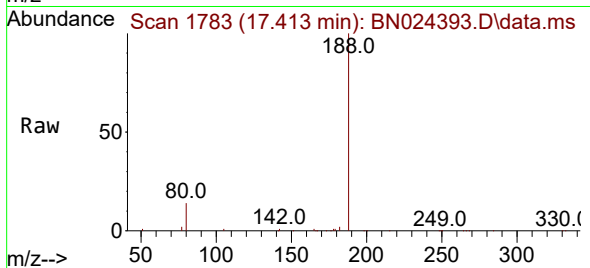
Tgt Ion:188 Resp: 28276

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 14.1 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: BN024393.D

Acq: 18 Mar 2023 23:32

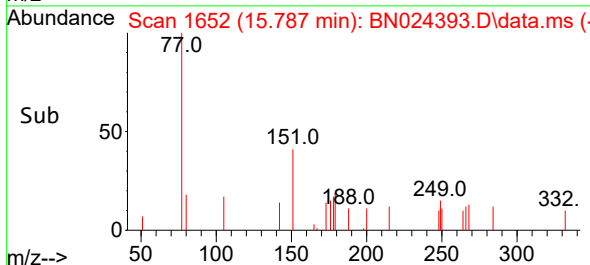
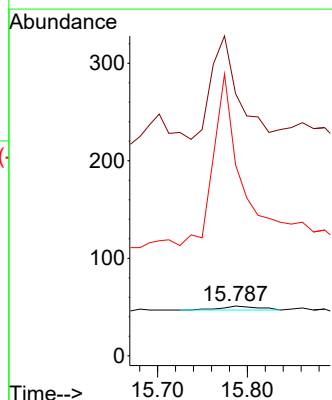
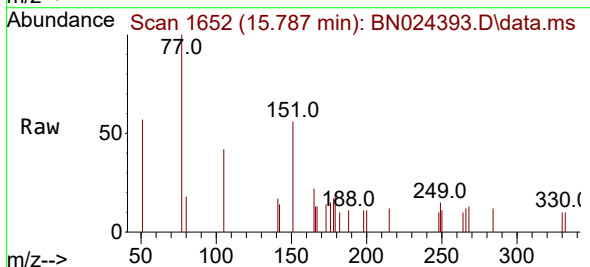
Tgt Ion:198 Resp: 11

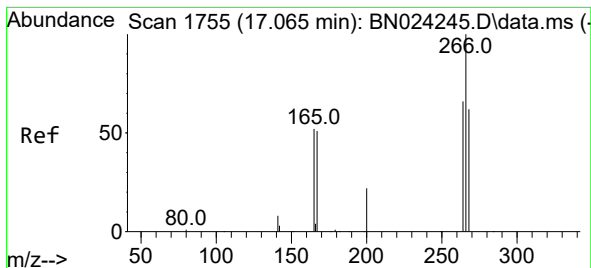
Ion Ratio Lower Upper

198 100

51 527.5 68.2 102.2#

105 384.3 51.6 77.4#





#24

Pentachlorophenol

Concen: 0.133 ng

RT: 17.065 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN024393.D

Acq: 18 Mar 2023 23:32

Instrument :

BNA_N

ClientSampleId :

RE103D1-20230310

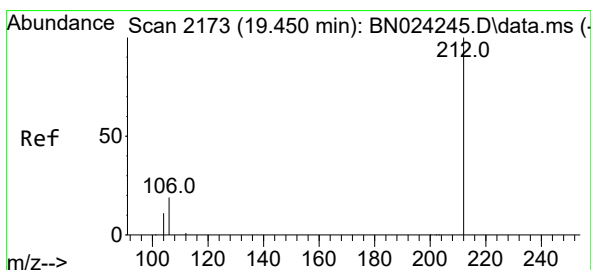
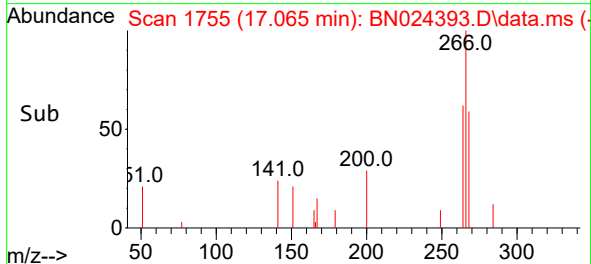
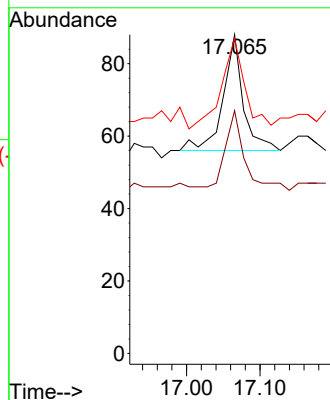
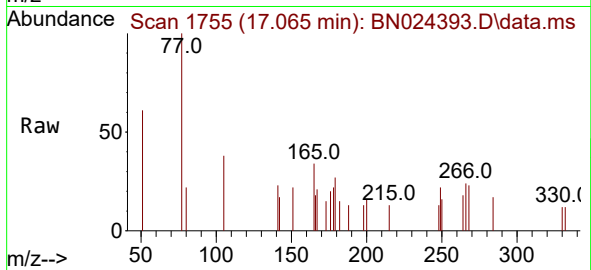
Tgt Ion:266 Resp: 61

Ion Ratio Lower Upper

266 100

264 65.6 51.1 76.7

268 90.2 52.2 78.4#



#27

Fluoranthene-d10

Concen: 0.362 ng

RT: 19.442 min Scan# 2171

Delta R.T. 0.000 min

Lab File: BN024393.D

Acq: 18 Mar 2023 23:32

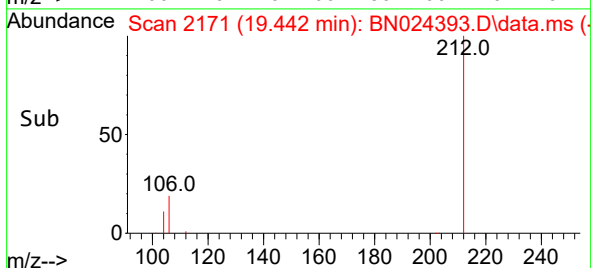
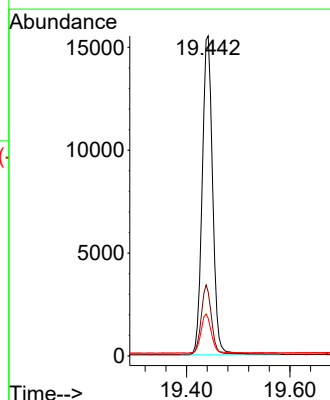
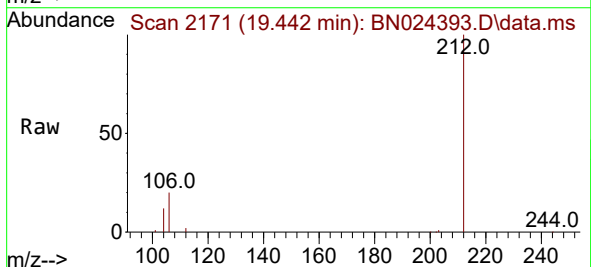
Tgt Ion:212 Resp: 21704

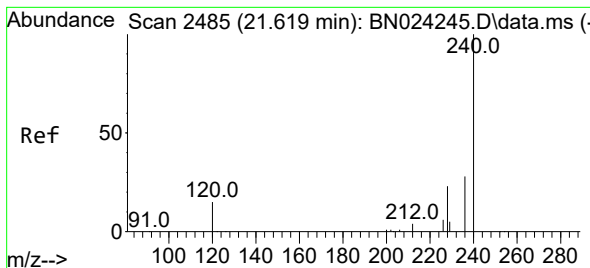
Ion Ratio Lower Upper

212 100

106 21.1 15.4 23.2

104 12.1 8.6 13.0





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.592 min Scan# 2482

Delta R.T. -0.009 min

Lab File: BN024393.D

Acq: 18 Mar 2023 23:32

Instrument :

BNA_N

ClientSampleId :

RE103D1-20230310

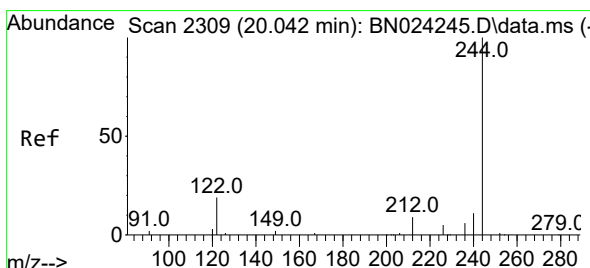
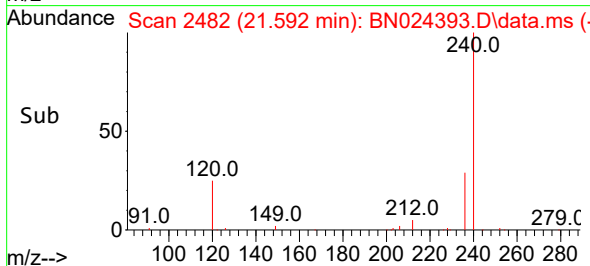
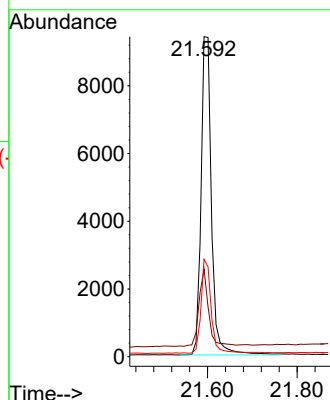
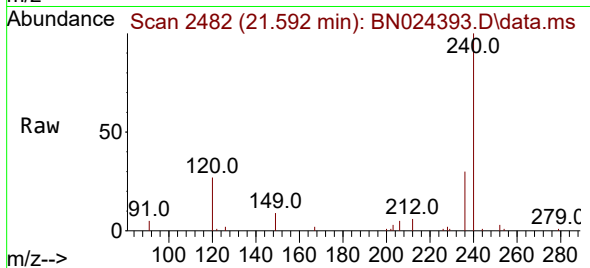
Tgt Ion:240 Resp: 15215

Ion Ratio Lower Upper

240 100

120 27.4 12.8 19.2#

236 30.4 22.5 33.7



#31

Terphenyl-d14

Concen: 0.505 ng

RT: 20.034 min Scan# 2308

Delta R.T. 0.000 min

Lab File: BN024393.D

Acq: 18 Mar 2023 23:32

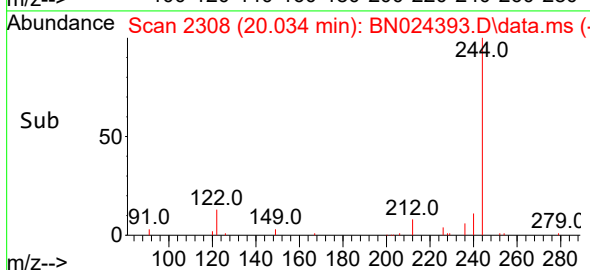
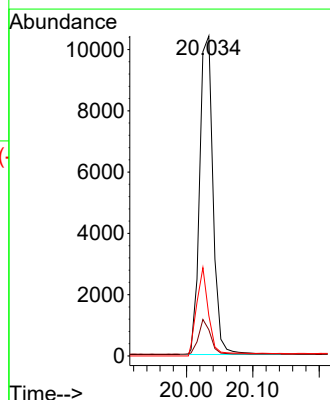
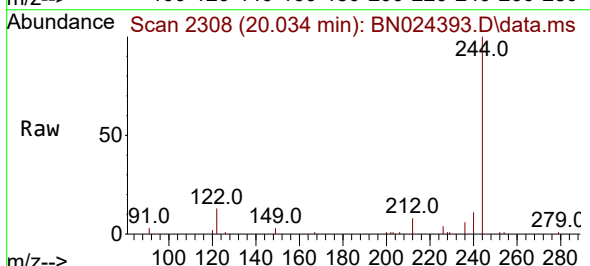
Tgt Ion:244 Resp: 12944

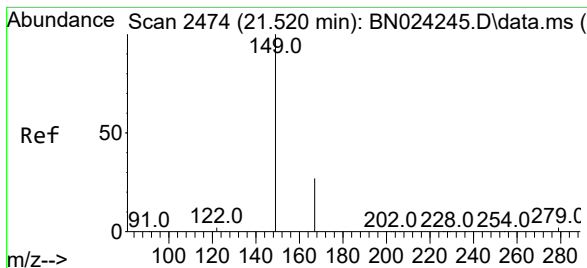
Ion Ratio Lower Upper

244 100

212 8.2 7.6 11.4

122 12.6 15.1 22.7#

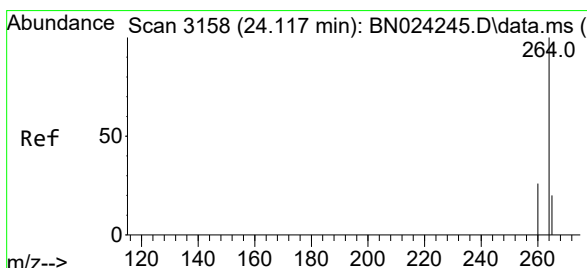
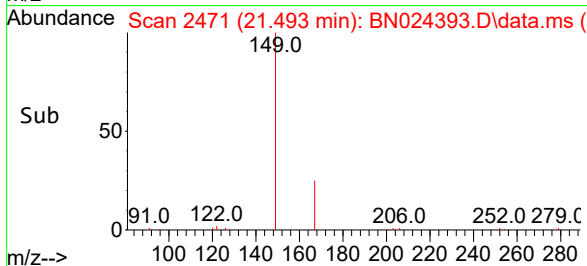
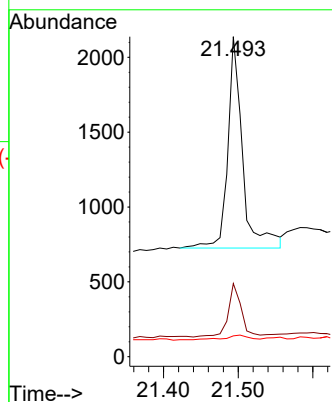
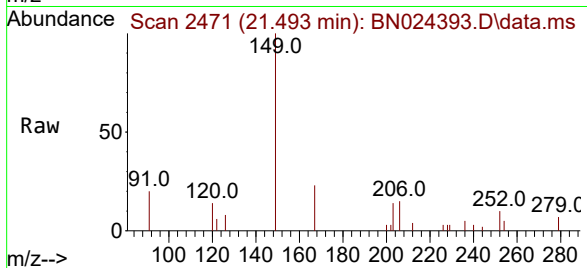




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.081 ng
 RT: 21.493 min Scan# 2471
 Delta R.T. -0.009 min
 Lab File: BN024393.D
 Acq: 18 Mar 2023 23:32

Instrument :
 BNA_N
 ClientSampleId :
 RE103D1-20230310

Tgt Ion:149 Resp: 1943
 Ion Ratio Lower Upper
 149 100
 167 22.3 21.2 31.8
 279 3.1 1.8 2.8#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.100 min Scan# 3152
 Delta R.T. 0.003 min
 Lab File: BN024393.D
 Acq: 18 Mar 2023 23:32

Tgt Ion:264 Resp: 10390
 Ion Ratio Lower Upper
 264 100
 260 28.8 21.4 32.2
 265 76.0 35.7 53.5#

