

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031623\
 Data File : BN024325.D
 Acq On : 16 Mar 2023 23:40
 Operator : CG/JU
 Sample : 01843-06DL 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D2-20230306DL

Quant Time: Mar 17 04:44:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 17 04:37:08 2023
 Response via : Initial Calibration

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

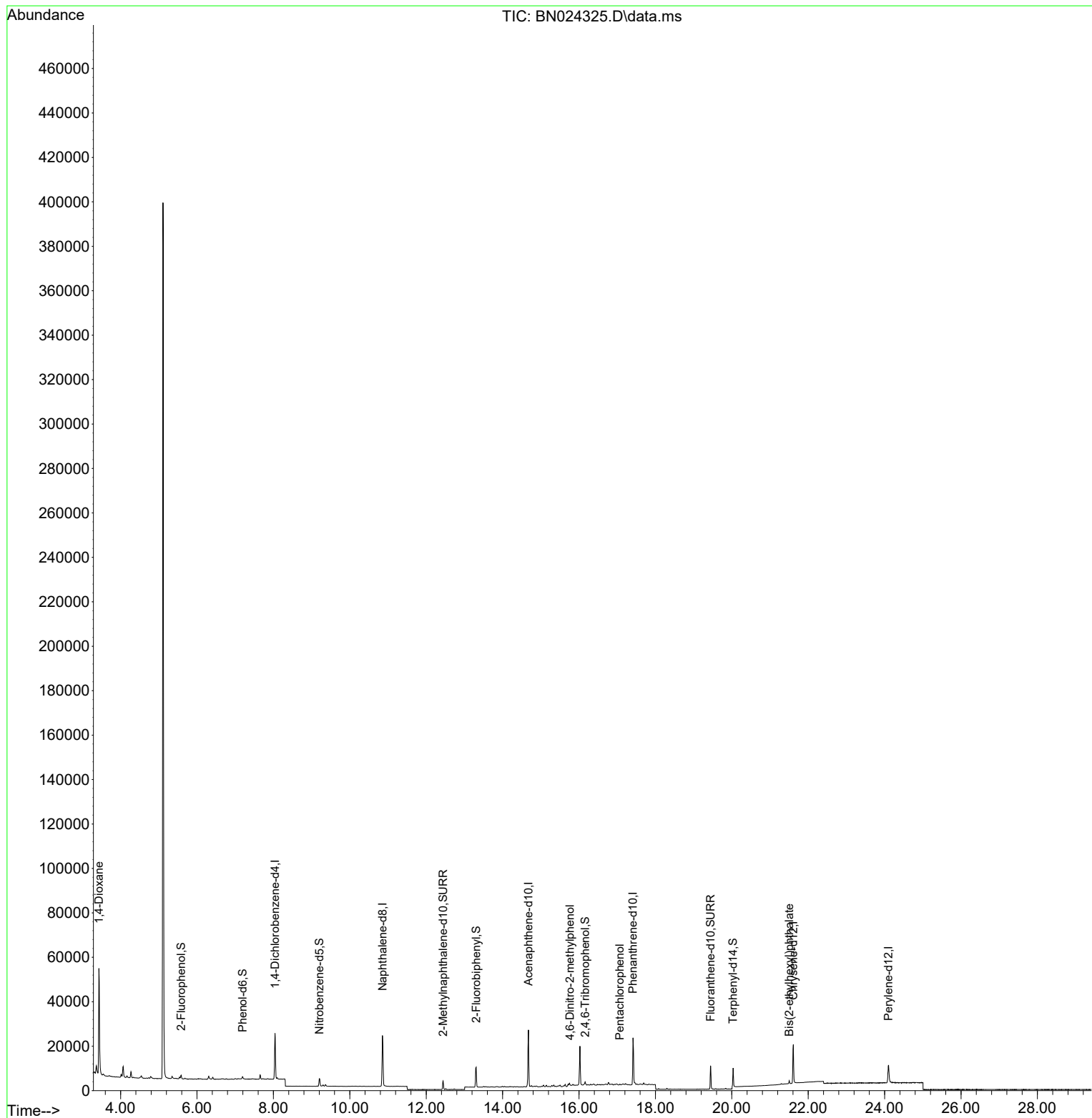
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	9878	0.400	ng	0.00
7) Naphthalene-d8	10.856	136	28980	0.400	ng	# 0.00
13) Acenaphthene-d10	14.675	164	13628	0.400	ng	0.00
19) Phenanthrene-d10	17.413	188	28269	0.400	ng	# 0.00
29) Chrysene-d12	21.610	240	17183	0.400	ng	0.00
35) Perylene-d12	24.100	264	12605	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.584	112	1298	0.059	ng	0.00
5) Phenol-d6	7.195	99	939	0.033	ng	0.00
8) Nitrobenzene-d5	9.201	82	3105	0.160	ng	0.00
11) 2-Methylnaphthalene-d10	12.441	152	5311	0.149	ng	0.00
14) 2,4,6-Tribromophenol	16.159	330	772	0.111	ng	0.00
15) 2-Fluorobiphenyl	13.307	172	8363	0.162	ng	0.00
27) Fluoranthene-d10	19.446	212	10841	0.181	ng	0.00
31) Terphenyl-d14	20.034	244	6350	0.219	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.432	88	29968	2.788	ng	Qvalue 96
20) 4,6-Dinitro-2-methylph...	15.762	198	8	0.180	ng	# 1
24) Pentachlorophenol	17.065	266	14	0.130	ng	# 77
34) Bis(2-ethylhexyl)phtha...	21.502	149	1409	0.052	ng	# 99

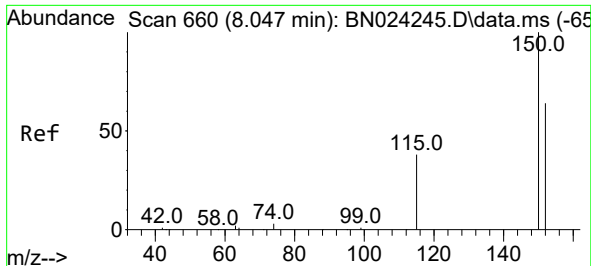
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031623\
Data File : BN024325.D
Acq On : 16 Mar 2023 23:40
Operator : CG/JU
Sample : 01843-06DL 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE132D2-20230306DL

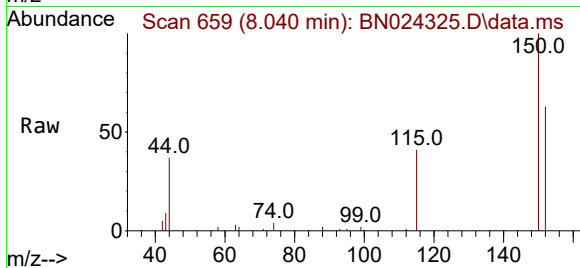
Quant Time: Mar 17 04:44:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 17 04:37:08 2023
Response via : Initial Calibration



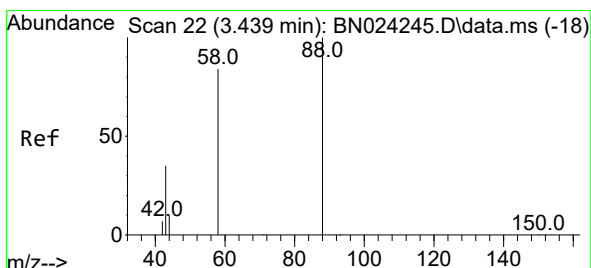
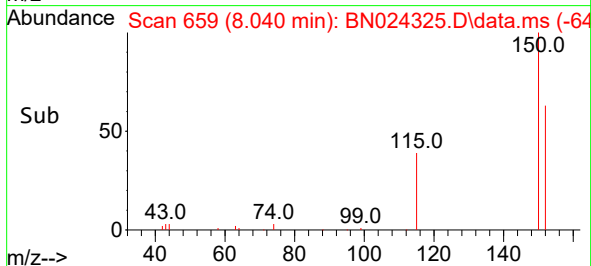
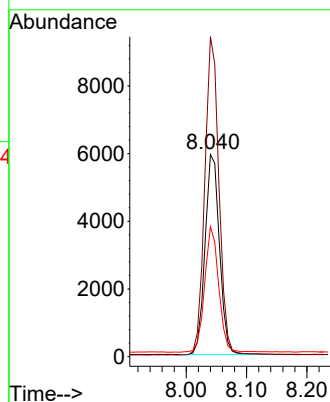


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.040 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN024325.D
 Acq: 16 Mar 2023 23:40

Instrument :
 BNA_N
 ClientSampleId :
 RE132D2-20230306DL

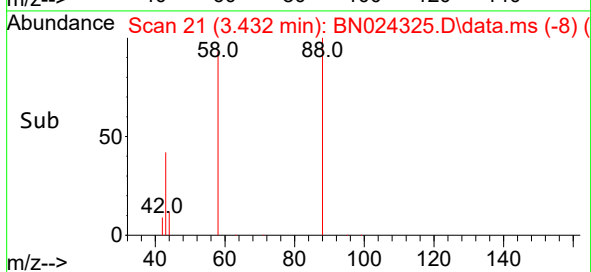
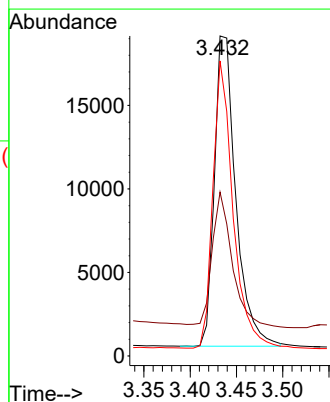
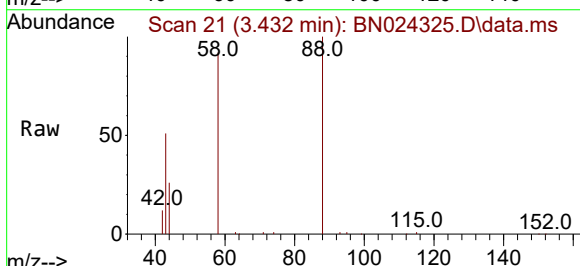


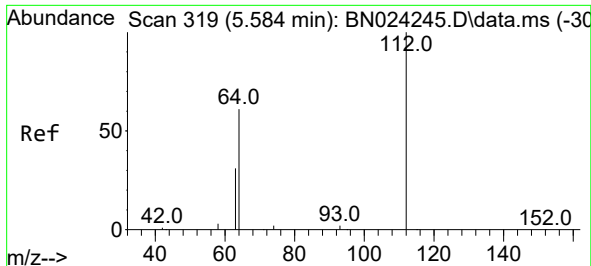
Tgt Ion:152 Resp: 9878
 Ion Ratio Lower Upper
 152 100
 150 158.2 124.7 187.1
 115 64.2 49.1 73.7



#2
 1,4-Dioxane
 Concen: 2.788 ng
 RT: 3.432 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BN024325.D
 Acq: 16 Mar 2023 23:40

Tgt Ion: 88 Resp: 29968
 Ion Ratio Lower Upper
 88 100
 43 40.8 29.0 43.4
 58 86.5 67.3 100.9

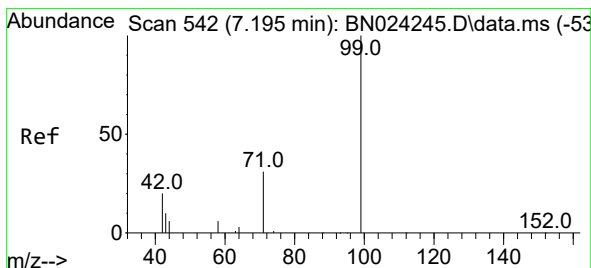
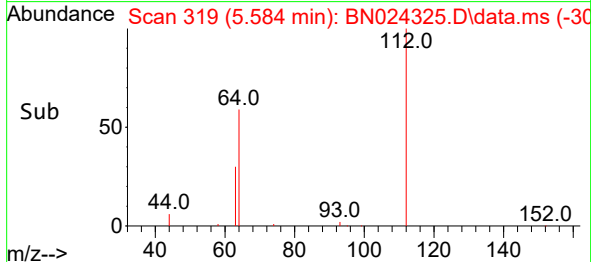
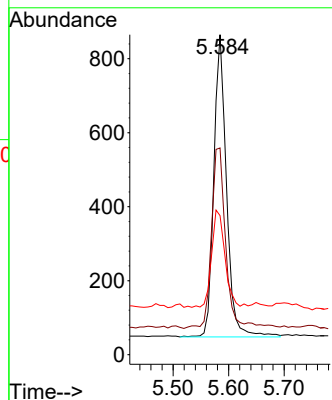
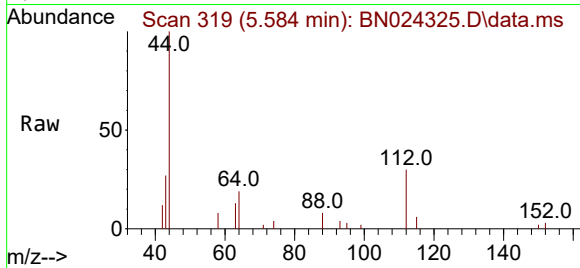




#4
2-Fluorophenol
Concen: 0.059 ng
RT: 5.584 min Scan# 319
Delta R.T. 0.007 min
Lab File: BN024325.D
Acq: 16 Mar 2023 23:40

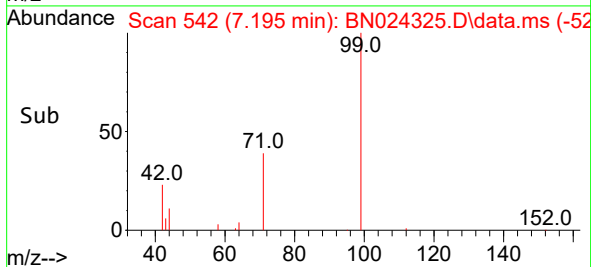
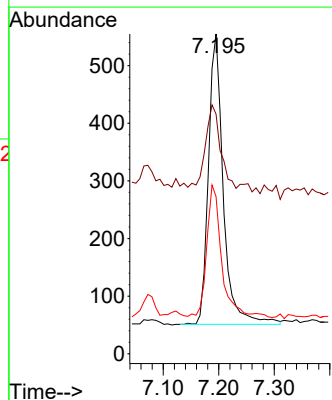
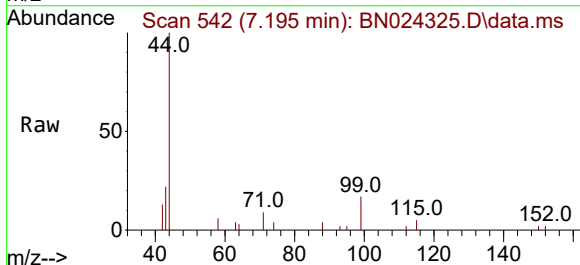
Instrument :
BNA_N
ClientSampleId :
RE132D2-20230306DL

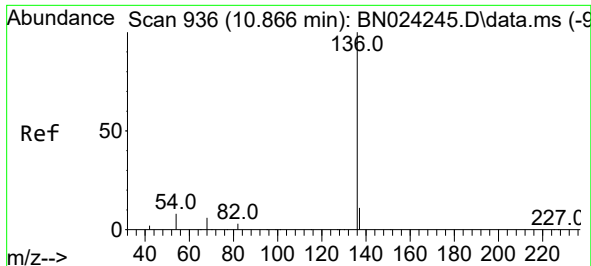
Tgt Ion:112 Resp: 1298
Ion Ratio Lower Upper
112 100
64 67.6 49.0 73.6
63 33.9 25.7 38.5



#5
Phenol-d6
Concen: 0.033 ng
RT: 7.195 min Scan# 542
Delta R.T. 0.007 min
Lab File: BN024325.D
Acq: 16 Mar 2023 23:40

Tgt Ion: 99 Resp: 939
Ion Ratio Lower Upper
99 100
42 28.5 20.1 30.1
71 43.8 25.8 38.8#

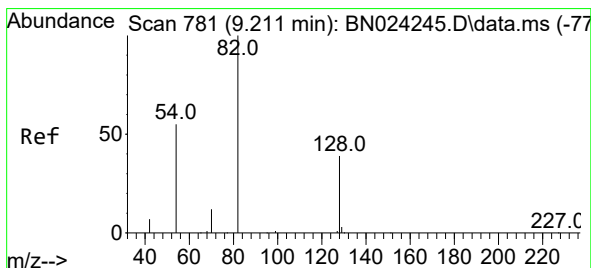
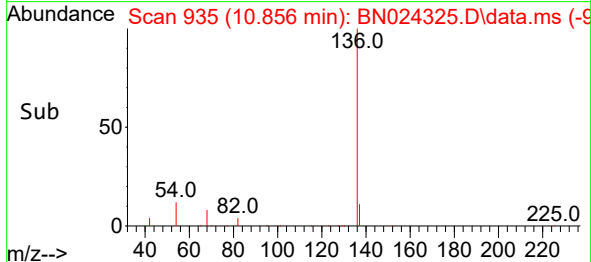
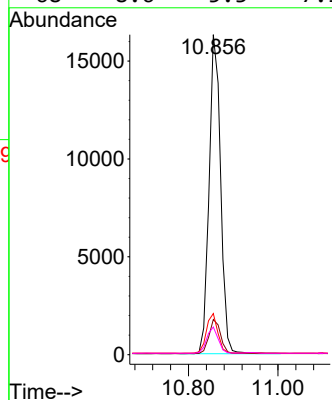
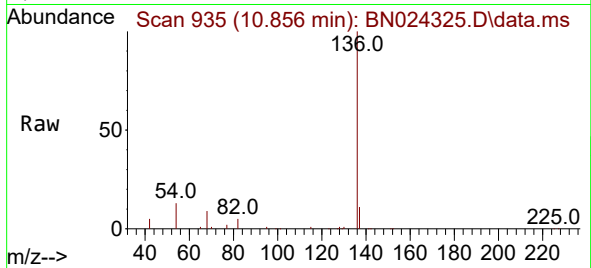




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.856 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN024325.D
Acq: 16 Mar 2023 23:40

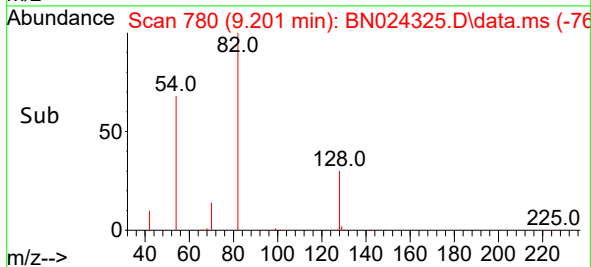
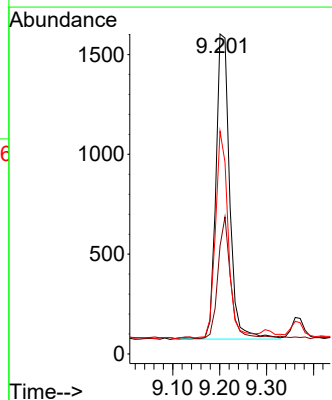
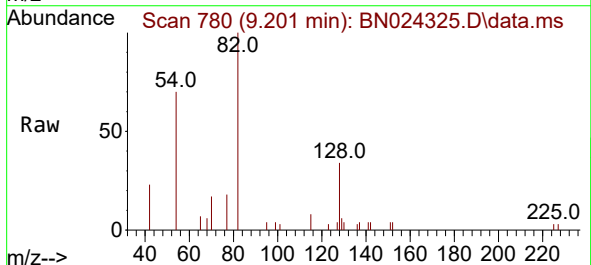
Instrument :
BNA_N
ClientSampleId :
RE132D2-20230306DL

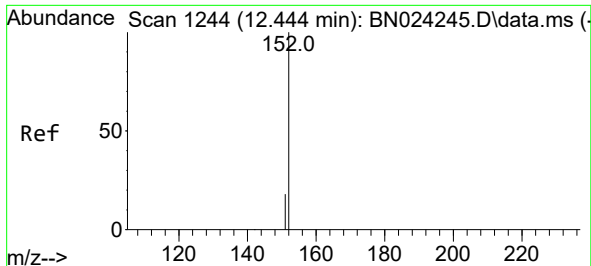
Tgt Ion:	136	Resp:	28980
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.9	13.3
54	12.8	7.1	10.7#
68	8.6	5.3	7.9#



#8
Nitrobenzene-d5
Concen: 0.160 ng
RT: 9.201 min Scan# 780
Delta R.T. 0.000 min
Lab File: BN024325.D
Acq: 16 Mar 2023 23:40

Tgt Ion:	82	Resp:	3105
Ion Ratio	Lower	Upper	
82	100		
128	33.7	32.4	48.6
54	69.6	45.2	67.8#





#11

2-Methylnaphthalene-d10

Concen: 0.149 ng

RT: 12.441 min Scan# 1244

Delta R.T. 0.000 min

Lab File: BN024325.D

Acq: 16 Mar 2023 23:40

Instrument :

BNA_N

ClientSampleId :

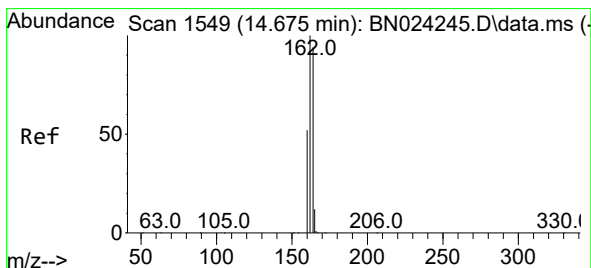
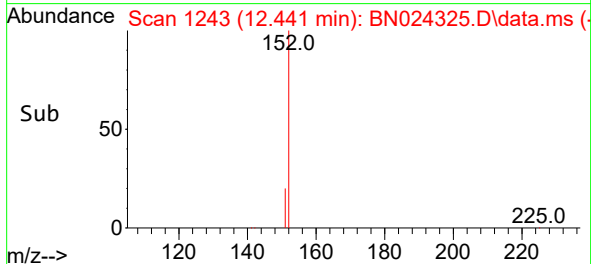
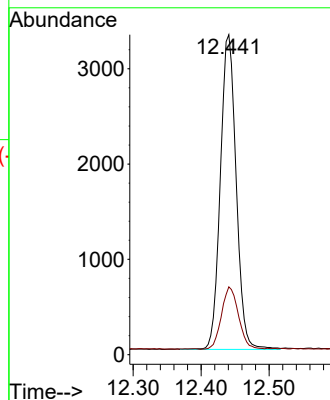
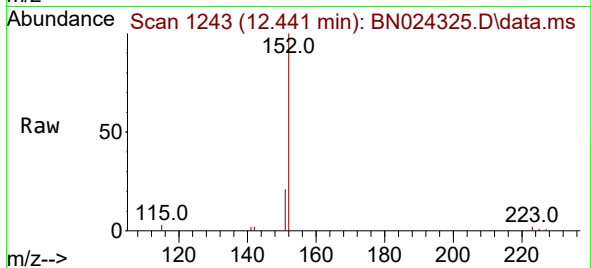
RE132D2-20230306DL

Tgt Ion:152 Resp: 5311

Ion Ratio Lower Upper

152 100

151 21.5 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: BN024325.D

Acq: 16 Mar 2023 23:40

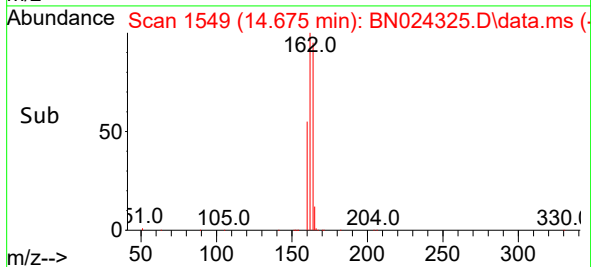
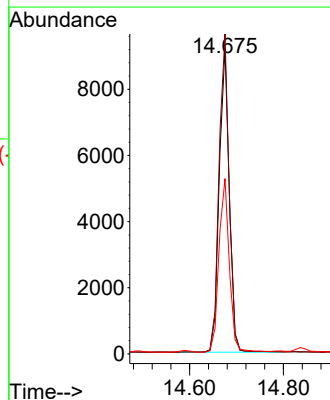
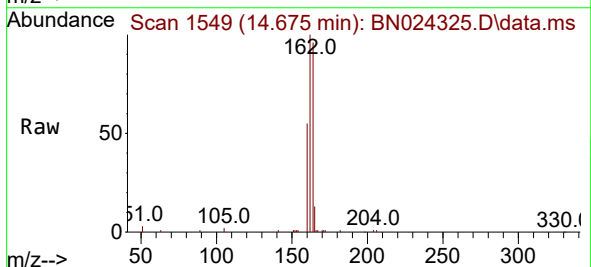
Tgt Ion:164 Resp: 13628

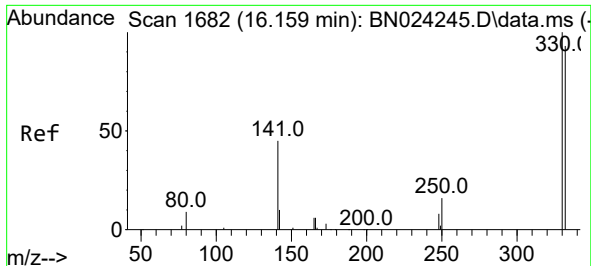
Ion Ratio Lower Upper

164 100

162 104.7 84.7 127.1

160 57.4 44.6 66.8

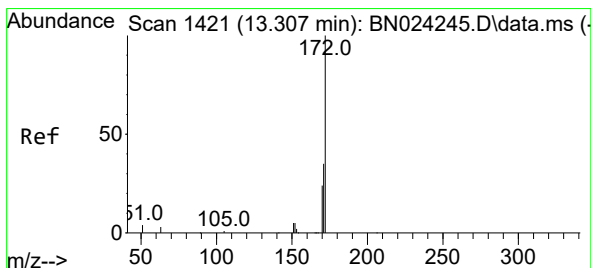
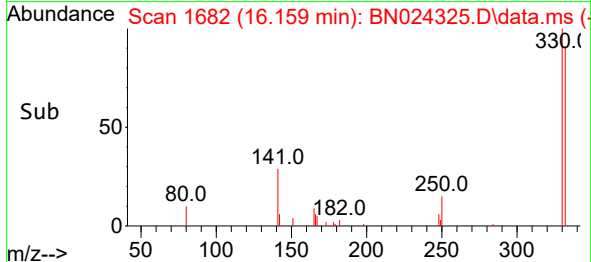
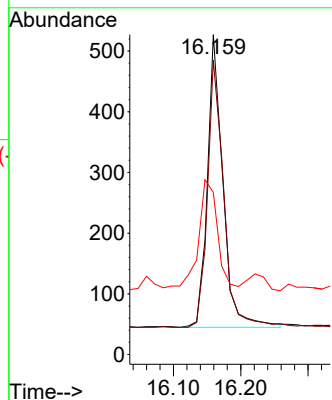
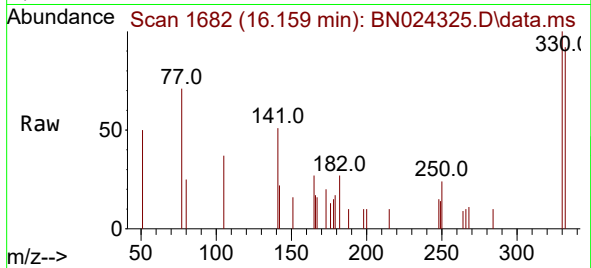




#14
2,4,6-Tribromophenol
Concen: 0.111 ng
RT: 16.159 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BN024325.D
Acq: 16 Mar 2023 23:40

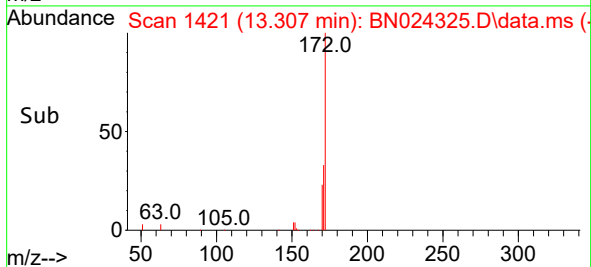
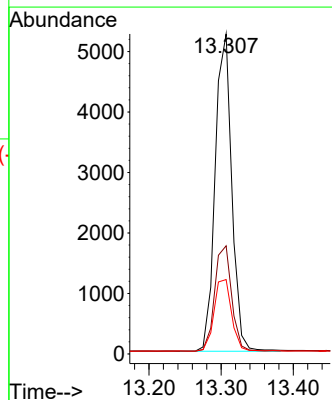
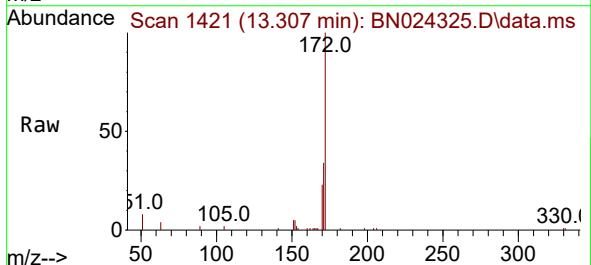
Instrument :
BNA_N
ClientSampleId :
RE132D2-20230306DL

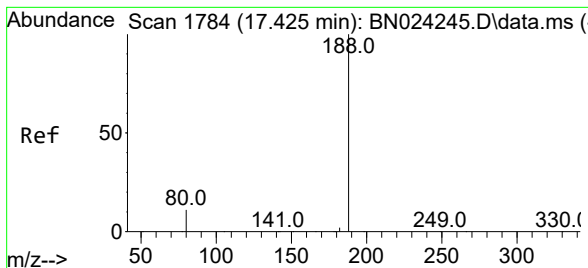
Tgt Ion: 330 Resp: 772
Ion Ratio Lower Upper
330 100
332 94.3 78.0 117.0
141 44.9 30.8 46.2



#15
2-Fluorobiphenyl
Concen: 0.162 ng
RT: 13.307 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BN024325.D
Acq: 16 Mar 2023 23:40

Tgt Ion: 172 Resp: 8363
Ion Ratio Lower Upper
172 100
171 33.8 27.8 41.8
170 23.3 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: BN024325.D

Acq: 16 Mar 2023 23:40

Instrument :

BNA_N

ClientSampleId :

RE132D2-20230306DL

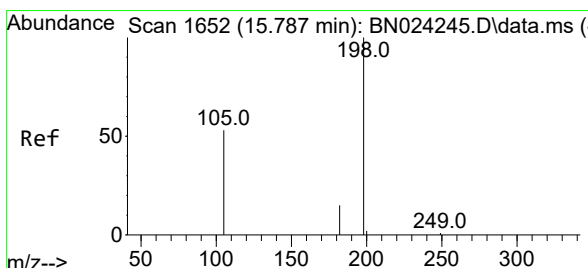
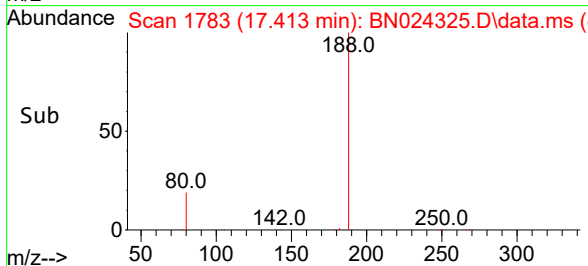
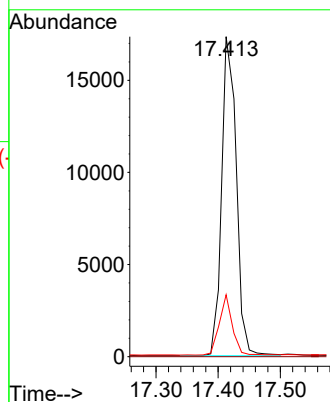
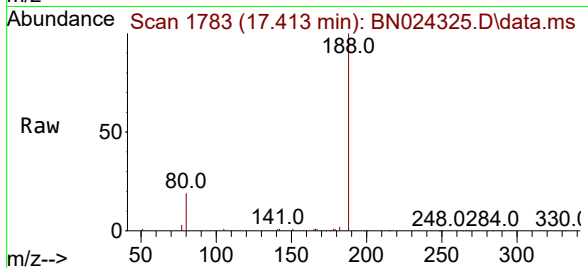
Tgt Ion:188 Resp: 28269

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 19.4 8.9 13.3#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.180 ng

RT: 15.762 min Scan# 1650

Delta R.T. -0.025 min

Lab File: BN024325.D

Acq: 16 Mar 2023 23:40

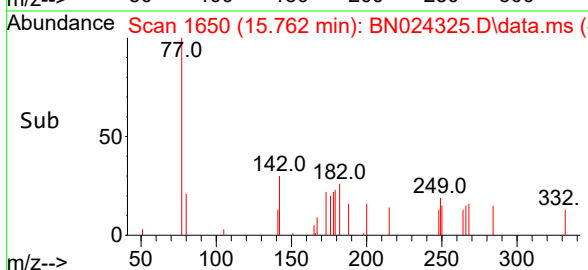
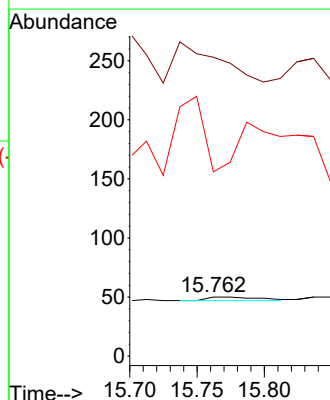
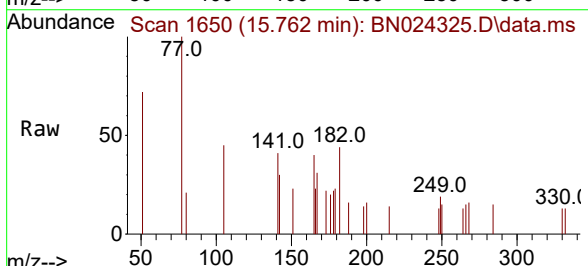
Tgt Ion:198 Resp: 8

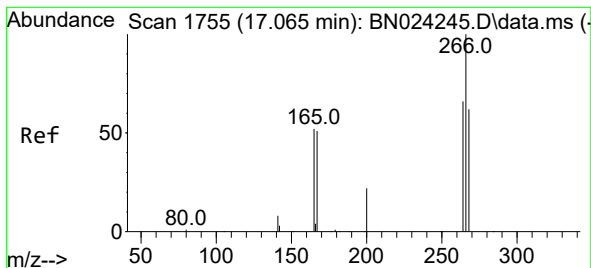
Ion Ratio Lower Upper

198 100

51 506.0 68.2 102.2#

105 312.0 51.6 77.4#





#24

Pentachlorophenol

Concen: 0.130 ng

RT: 17.065 min Scan# 1755

Delta R.T. 0.000 min

Lab File: BN024325.D

Acq: 16 Mar 2023 23:40

Instrument :

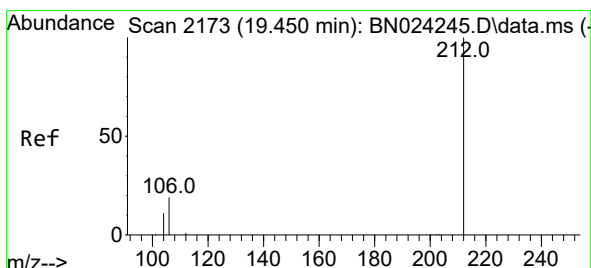
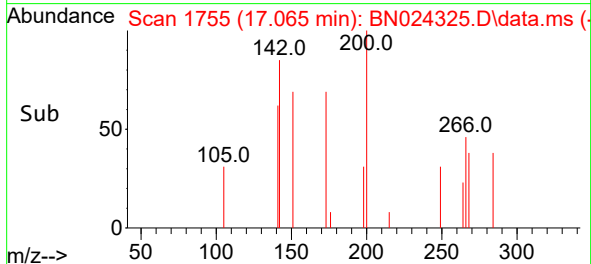
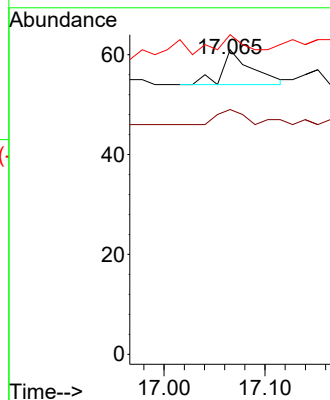
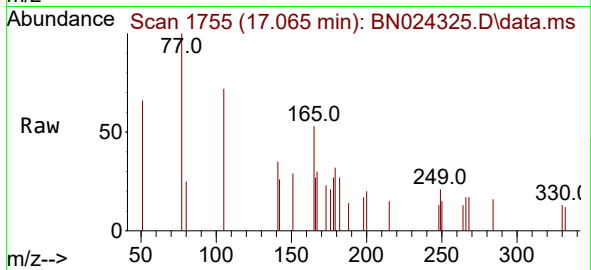
BNA_N

ClientSampleId :

RE132D2-20230306DL

Tgt Ion:266 Resp: 14

Ion	Ratio	Lower	Upper
266	100		
264	42.9	51.1	76.7#
268	50.0	52.2	78.4#



#27

Fluoranthene-d10

Concen: 0.181 ng

RT: 19.446 min Scan# 2172

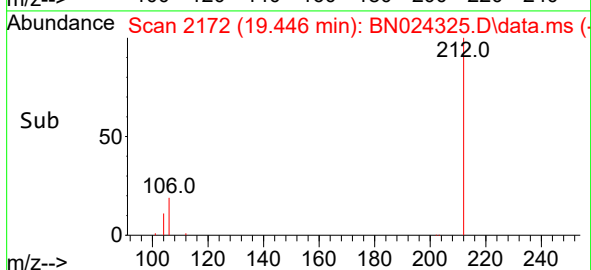
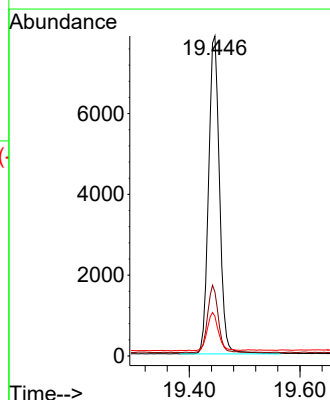
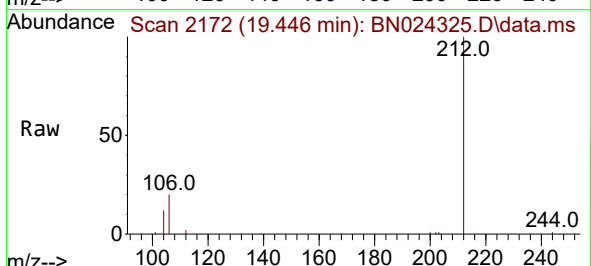
Delta R.T. 0.000 min

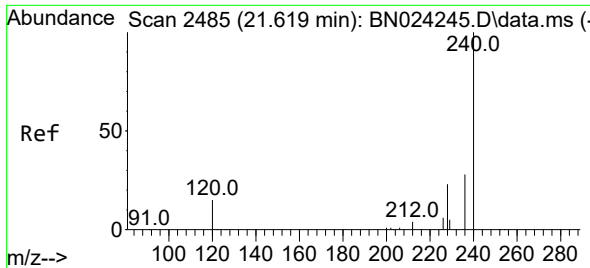
Lab File: BN024325.D

Acq: 16 Mar 2023 23:40

Tgt Ion:212 Resp: 10841

Ion	Ratio	Lower	Upper
212	100		
106	20.6	15.4	23.2
104	12.3	8.6	13.0

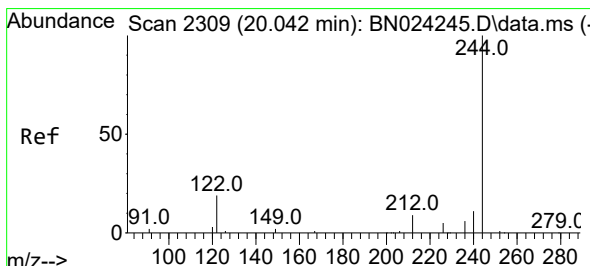
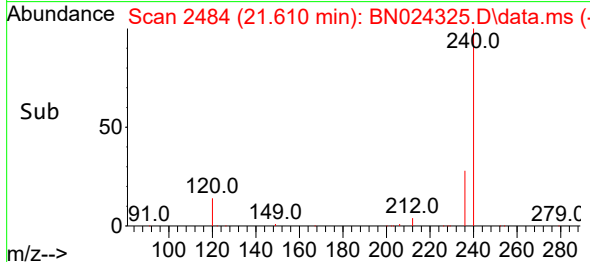
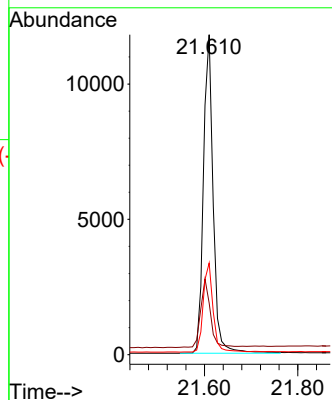
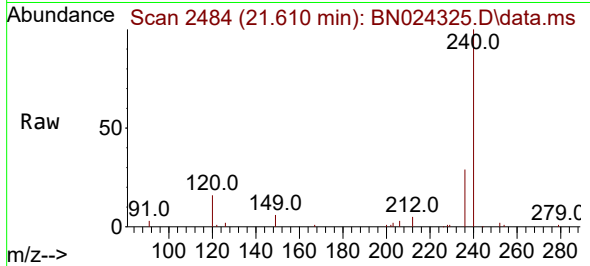




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.610 min Scan# 2484
Delta R.T. 0.009 min
Lab File: BN024325.D
Acq: 16 Mar 2023 23:40

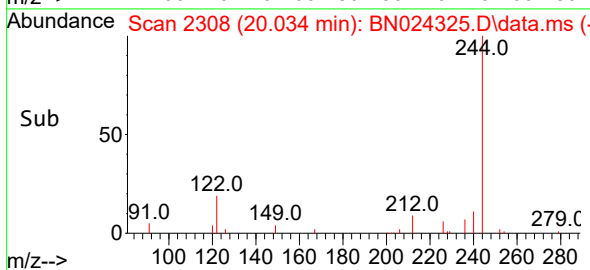
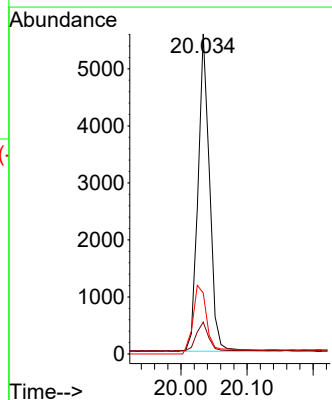
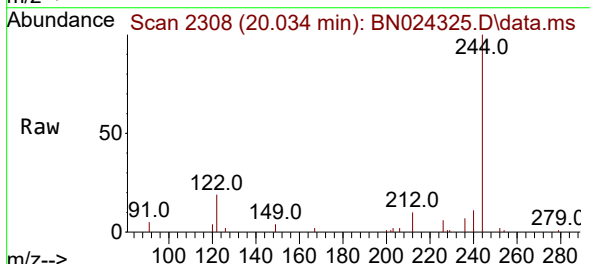
Instrument :
BNA_N
ClientSampleId :
RE132D2-20230306DL

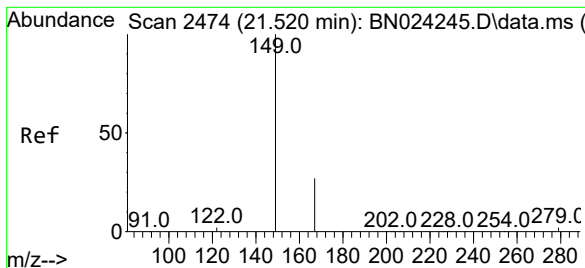
Tgt Ion:240 Resp: 17183
Ion Ratio Lower Upper
240 100
120 16.1 12.8 19.2
236 28.7 22.5 33.7



#31
Terphenyl-d14
Concen: 0.219 ng
RT: 20.034 min Scan# 2308
Delta R.T. 0.000 min
Lab File: BN024325.D
Acq: 16 Mar 2023 23:40

Tgt Ion:244 Resp: 6350
Ion Ratio Lower Upper
244 100
212 10.0 7.6 11.4
122 19.1 15.1 22.7

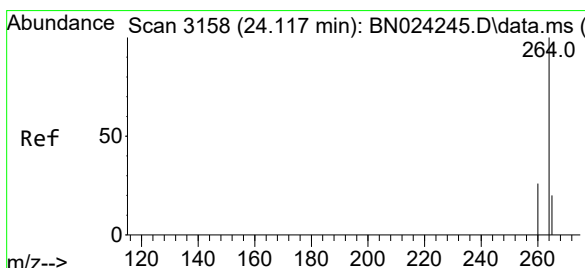
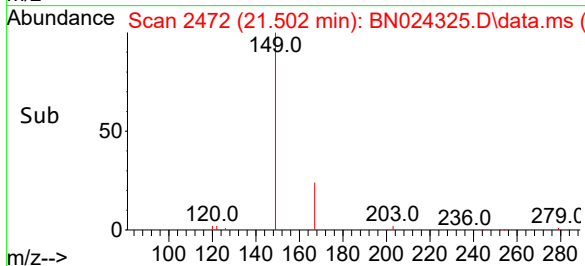
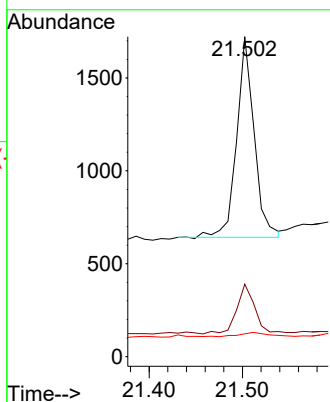
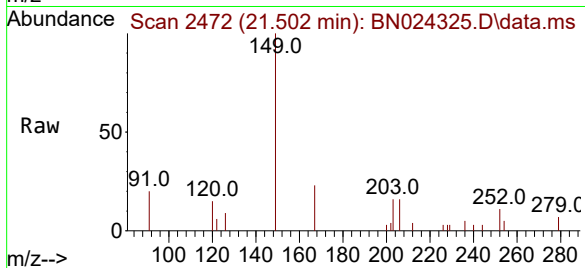




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.052 ng
 RT: 21.502 min Scan# 2474
 Delta R.T. 0.000 min
 Lab File: BN024325.D
 Acq: 16 Mar 2023 23:40

Instrument :
 BNA_N
 ClientSampleId :
 RE132D2-20230306DL

Tgt Ion:149 Resp: 1409
 Ion Ratio Lower Upper
 149 100
 167 26.1 21.2 31.8
 279 3.3 1.8 2.8#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.100 min Scan# 3152
 Delta R.T. -0.014 min
 Lab File: BN024325.D
 Acq: 16 Mar 2023 23:40

Tgt Ion:264 Resp: 12605
 Ion Ratio Lower Upper
 264 100
 260 27.7 21.4 32.2
 265 58.6 35.7 53.5#

