

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031323\
 Data File : BN024271.D
 Acq On : 14 Mar 2023 08:49
 Operator : CG/JU
 Sample : 01843-03
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D3-20230306

Quant Time: Mar 14 09:19:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 14 03:11:52 2023
 Response via : Initial Calibration

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

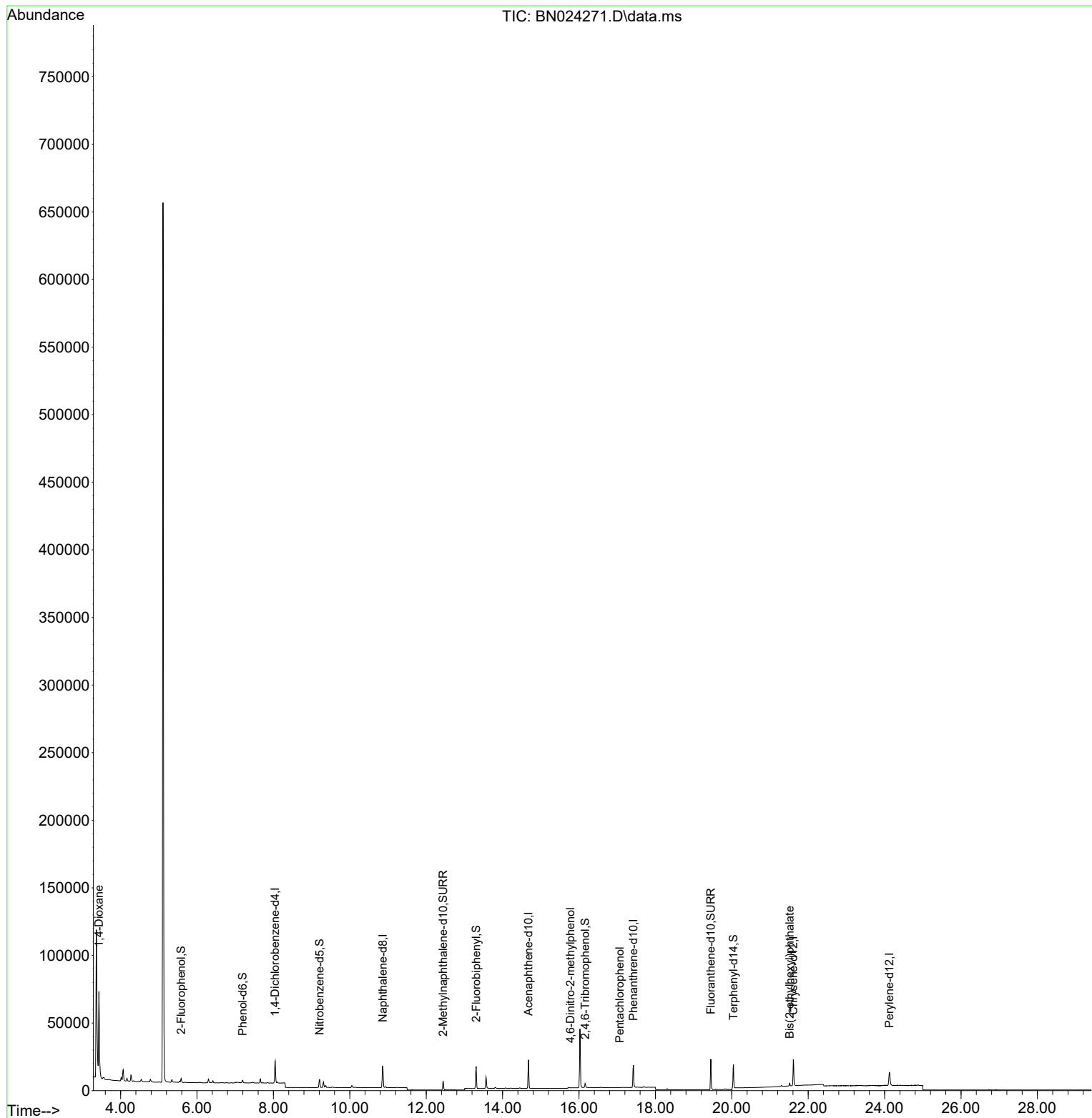
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.047	152	7635	0.400	ng	0.00
7) Naphthalene-d8	10.866	136	21980	0.400	ng	0.00
13) Acenaphthene-d10	14.675	164	11254	0.400	ng	0.00
19) Phenanthrene-d10	17.425	188	23201	0.400	ng	0.00
29) Chrysene-d12	21.610	240	18398	0.400	ng	# 0.00
35) Perylene-d12	24.126	264	16144	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.584	112	2330	0.138	ng	0.00
5) Phenol-d6	7.195	99	1698	0.078	ng	0.00
8) Nitrobenzene-d5	9.211	82	5099	0.347	ng	0.00
11) 2-Methylnaphthalene-d10	12.441	152	8778	0.325	ng	0.00
14) 2,4,6-Tribromophenol	16.159	330	1713	0.298	ng	0.00
15) 2-Fluorobiphenyl	13.307	172	13503	0.318	ng	0.00
27) Fluoranthene-d10	19.450	212	22842	0.464	ng	0.00
31) Terphenyl-d14	20.043	244	14006	0.452	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.432	88	40477	4.872	ng	99
20) 4,6-Dinitro-2-methylph...	15.774	198	7	0.180	ng	# 1
24) Pentachlorophenol	17.065	266	22	0.131	ng	93
34) Bis(2-ethylhexyl)phtha...	21.511	149	2236	0.077	ng	96

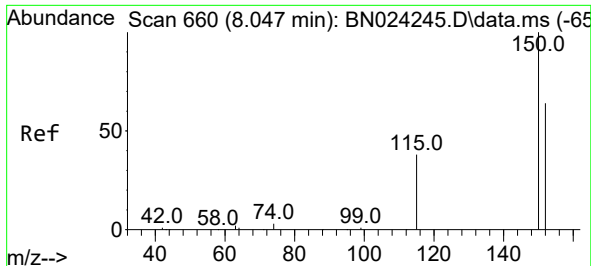
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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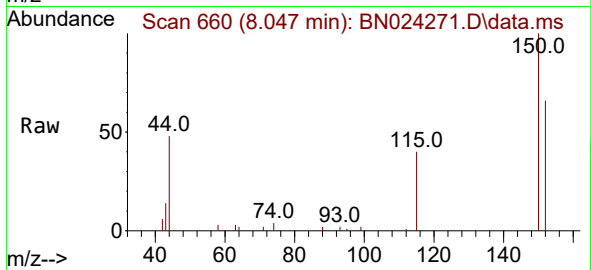
Quant Time: Mar 14 09:19:17 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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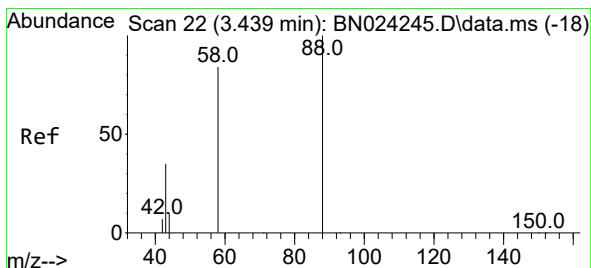
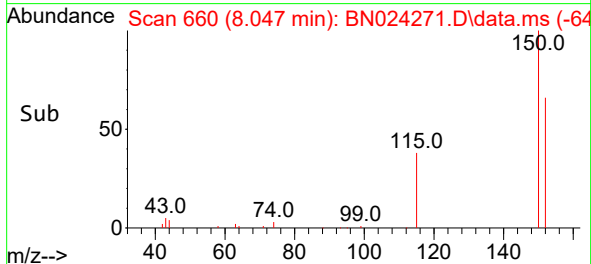
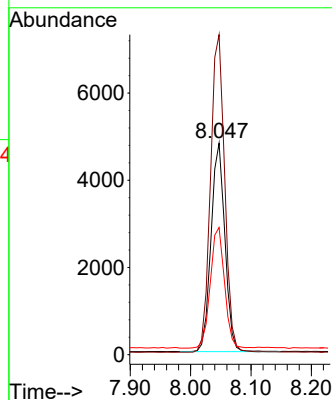


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.047 min Scan# 60
 Delta R.T. 0.000 min
 Lab File: BN024271.D
 Acq: 14 Mar 2023 08:49

Instrument :
 BNA_N
 ClientSampleId :
 RE132D3-20230306

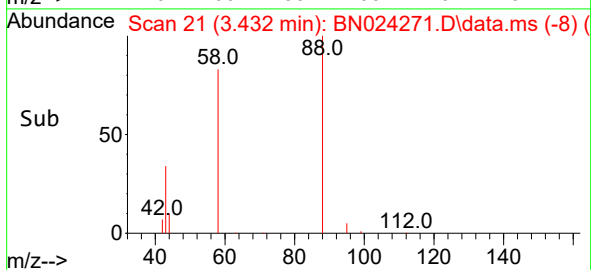
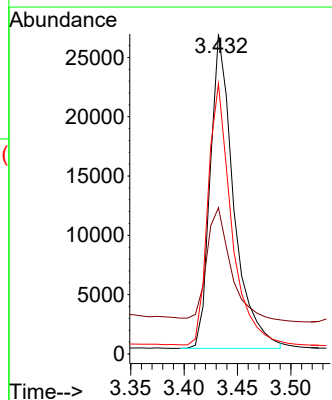
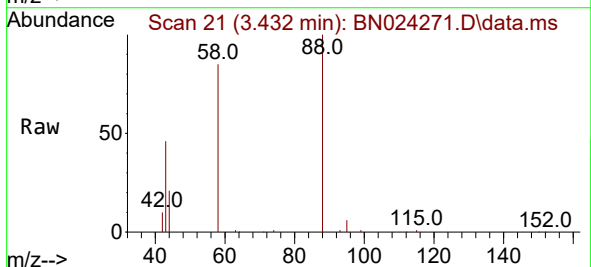


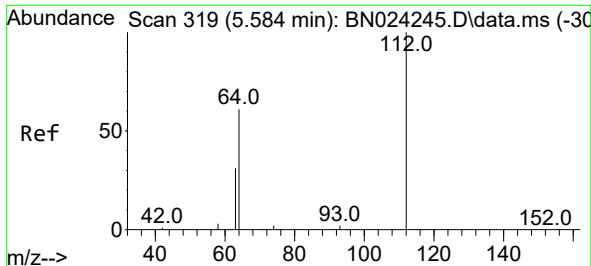
Tgt Ion:152 Resp: 7635
 Ion Ratio Lower Upper
 152 100
 150 151.3 124.7 187.1
 115 60.1 49.1 73.7



#2
 1,4-Dioxane
 Concen: 4.872 ng
 RT: 3.432 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BN024271.D
 Acq: 14 Mar 2023 08:49

Tgt Ion: 88 Resp: 40477
 Ion Ratio Lower Upper
 88 100
 43 36.2 29.0 43.4
 58 82.7 67.3 100.9

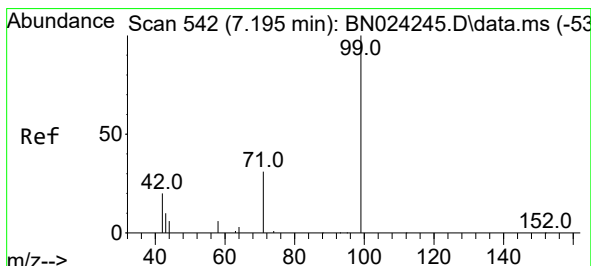
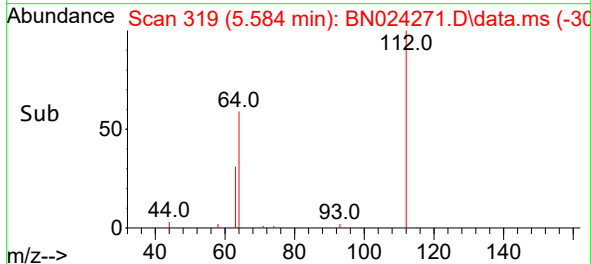
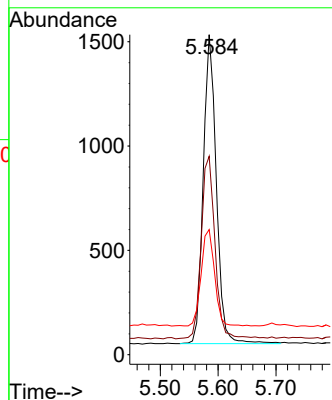
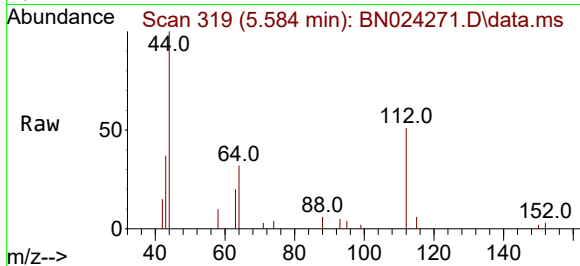




#4
2-Fluorophenol
Concen: 0.138 ng
RT: 5.584 min Scan# 319
Delta R.T. 0.000 min
Lab File: BN024271.D
Acq: 14 Mar 2023 08:49

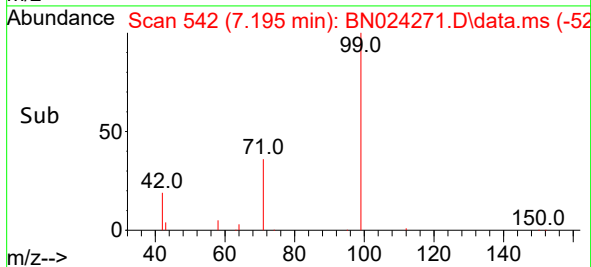
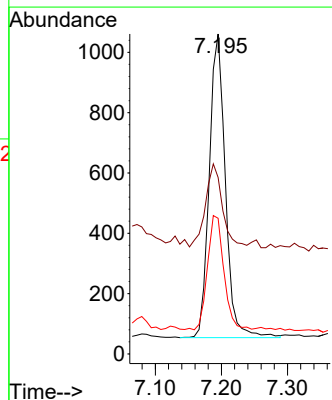
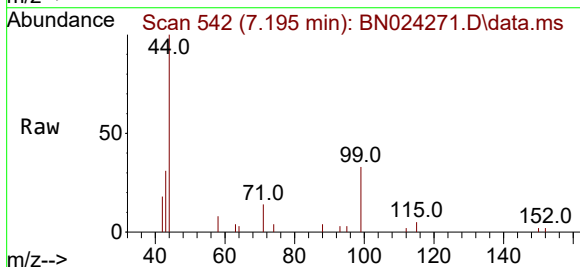
Instrument :
BNA_N
ClientSampleId :
RE132D3-20230306

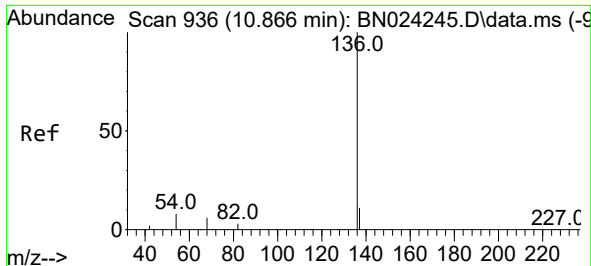
Tgt Ion:112 Resp: 2330
Ion Ratio Lower Upper
112 100
64 62.8 49.0 73.6
63 31.8 25.7 38.5



#5
Phenol-d6
Concen: 0.078 ng
RT: 7.195 min Scan# 542
Delta R.T. 0.000 min
Lab File: BN024271.D
Acq: 14 Mar 2023 08:49

Tgt Ion: 99 Resp: 1698
Ion Ratio Lower Upper
99 100
42 28.2 20.1 30.1
71 37.9 25.8 38.8

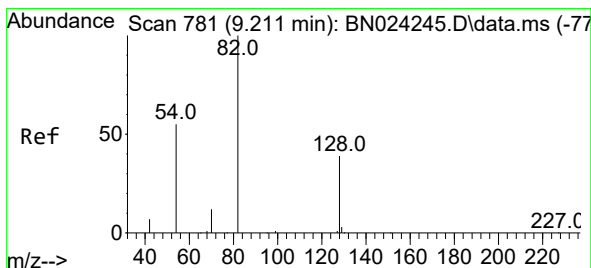
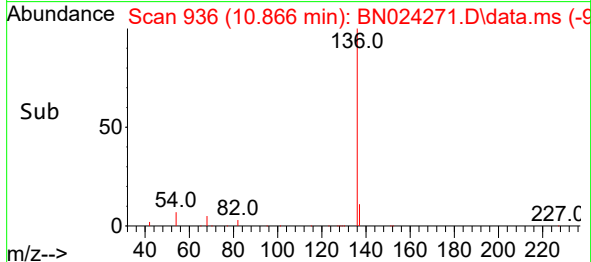
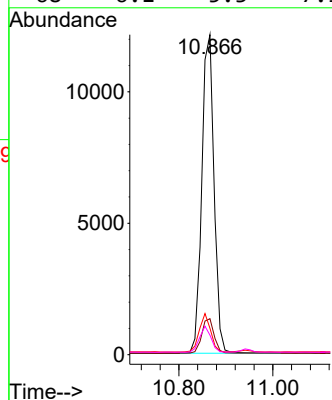
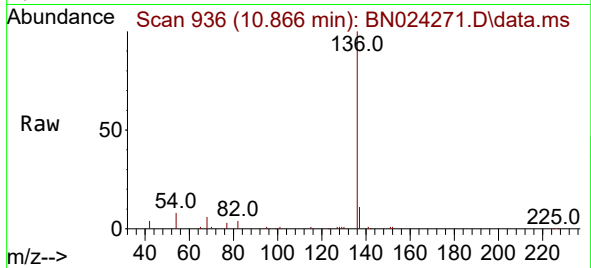




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.866 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN024271.D
Acq: 14 Mar 2023 08:49

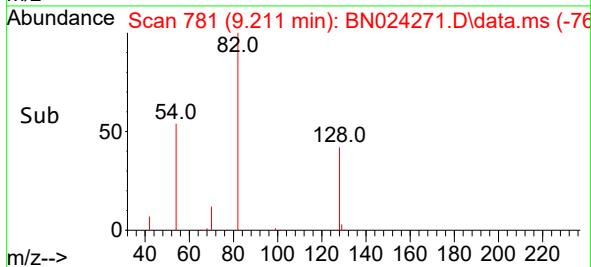
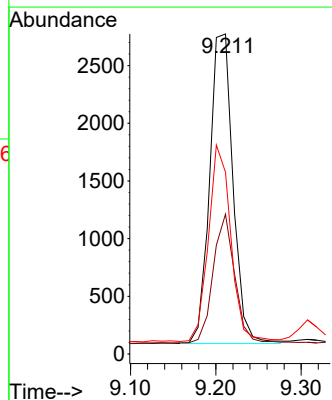
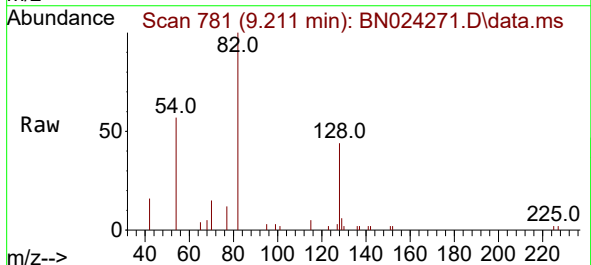
Instrument :
BNA_N
ClientSampleId :
RE132D3-20230306

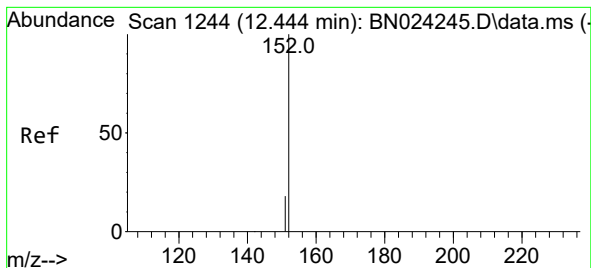
Tgt Ion:	136	Resp:	21980
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.9	13.3
54	8.2	7.1	10.7
68	6.1	5.3	7.9



#8
Nitrobenzene-d5
Concen: 0.347 ng
RT: 9.211 min Scan# 781
Delta R.T. 0.000 min
Lab File: BN024271.D
Acq: 14 Mar 2023 08:49

Tgt Ion:	82	Resp:	5099
Ion Ratio	Lower	Upper	
82	100		
128	43.7	32.4	48.6
54	56.8	45.2	67.8

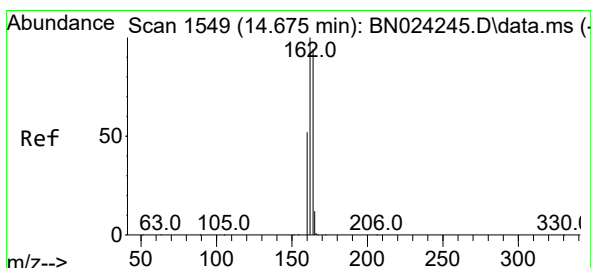
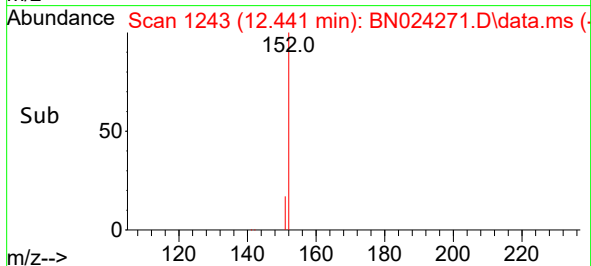
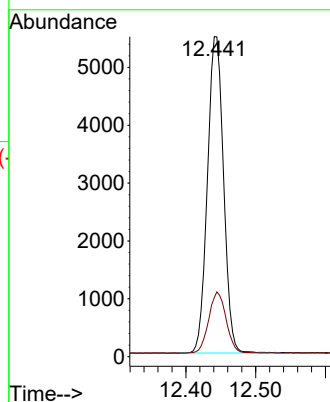
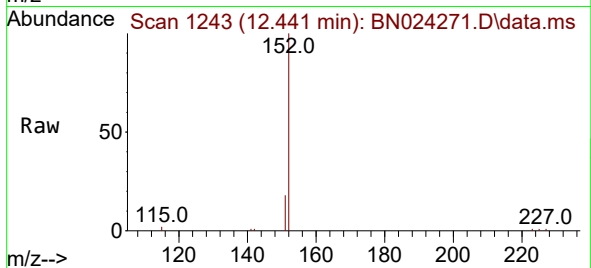




#11
2-Methylnaphthalene-d10
Concen: 0.325 ng
RT: 12.441 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN024271.D
Acq: 14 Mar 2023 08:49

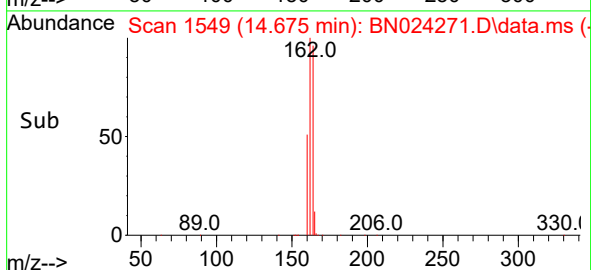
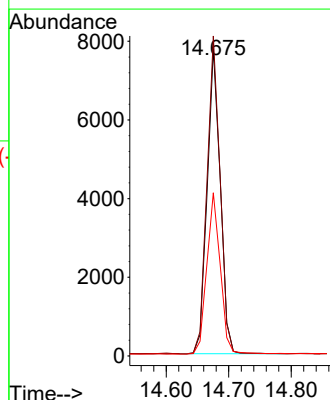
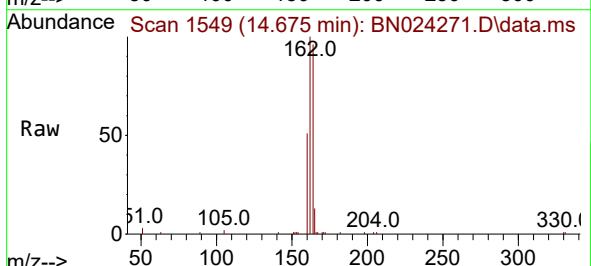
Instrument :
BNA_N
ClientSampleId :
RE132D3-20230306

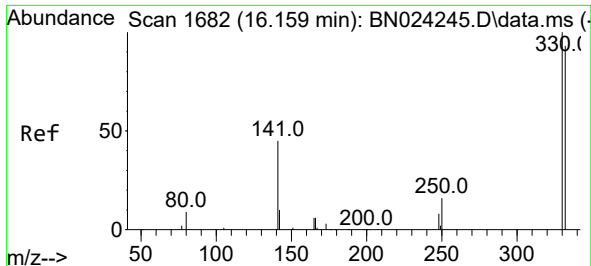
Tgt Ion:152 Resp: 8778
Ion Ratio Lower Upper
152 100
151 21.0 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.675 min Scan# 1549
Delta R.T. 0.000 min
Lab File: BN024271.D
Acq: 14 Mar 2023 08:49

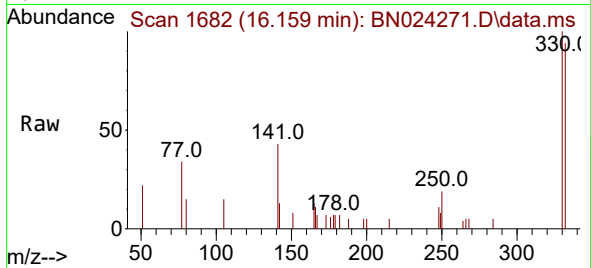
Tgt Ion:164 Resp: 11254
Ion Ratio Lower Upper
164 100
162 104.1 84.7 127.1
160 53.1 44.6 66.8



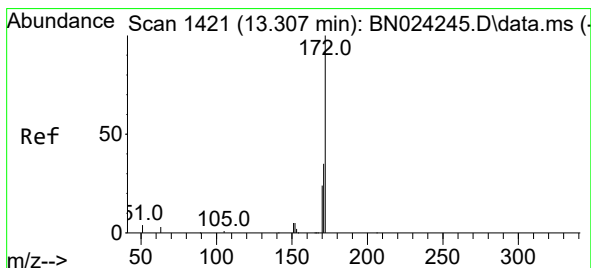
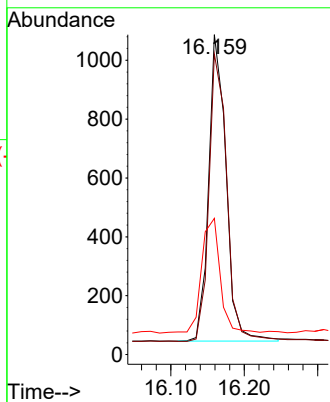
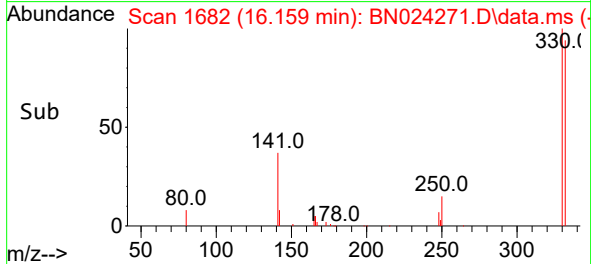


#14
2,4,6-Tribromophenol
Concen: 0.298 ng
RT: 16.159 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BN024271.D
Acq: 14 Mar 2023 08:49

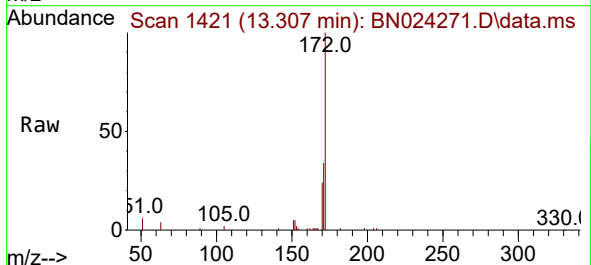
Instrument :
BNA_N
ClientSampleId :
RE132D3-20230306



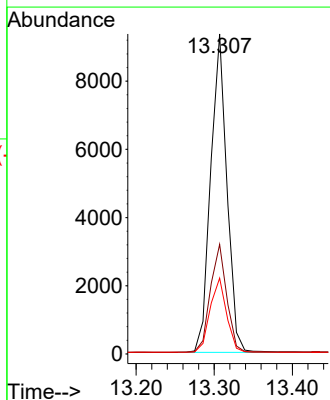
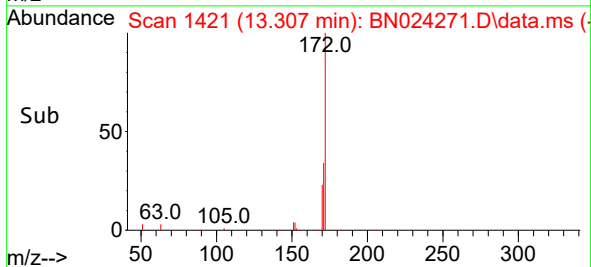
Tgt Ion: 330 Resp: 1713
Ion Ratio Lower Upper
330 100
332 96.5 78.0 117.0
141 40.7 30.8 46.2

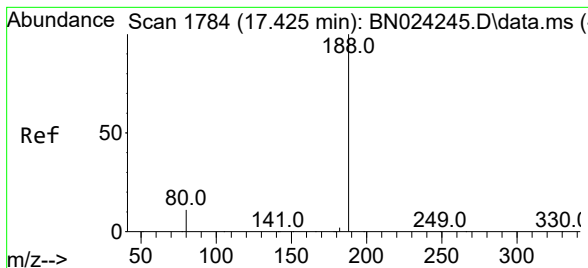


#15
2-Fluorobiphenyl
Concen: 0.318 ng
RT: 13.307 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BN024271.D
Acq: 14 Mar 2023 08:49



Tgt Ion: 172 Resp: 13503
Ion Ratio Lower Upper
172 100
171 34.3 27.8 41.8
170 23.7 19.0 28.6





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.425 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN024271.D

Acq: 14 Mar 2023 08:49

Instrument :

BNA_N

ClientSampleId :

RE132D3-20230306

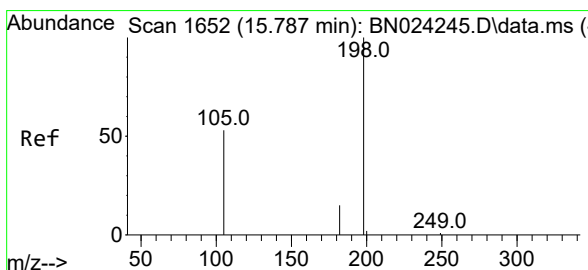
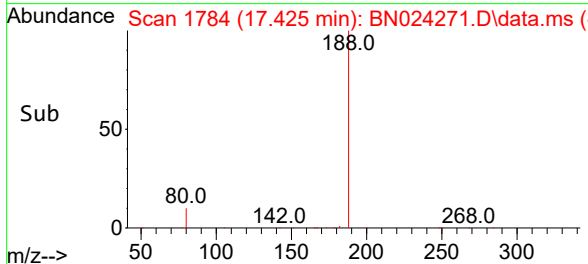
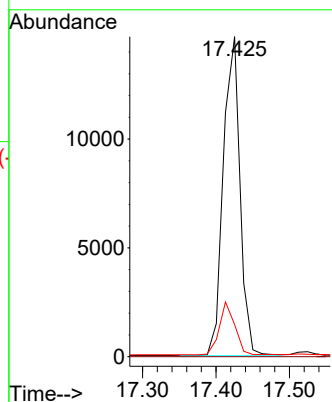
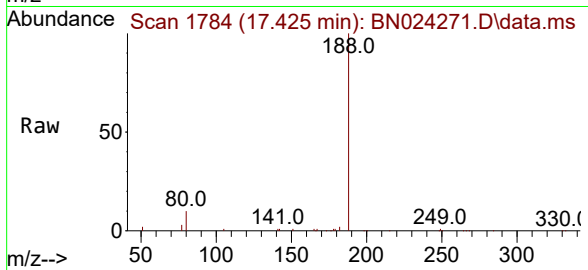
Tgt Ion:188 Resp: 23201

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.1 8.9 13.3



#20

4,6-Dinitro-2-methylphenol

Concen: 0.180 ng

RT: 15.774 min Scan# 1651

Delta R.T. -0.013 min

Lab File: BN024271.D

Acq: 14 Mar 2023 08:49

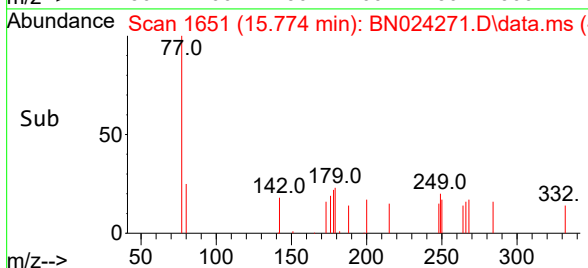
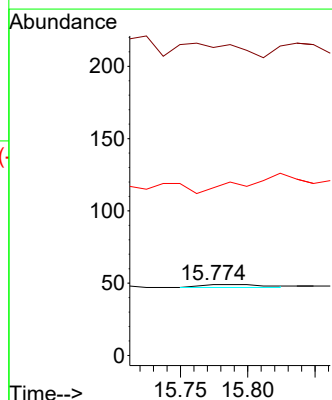
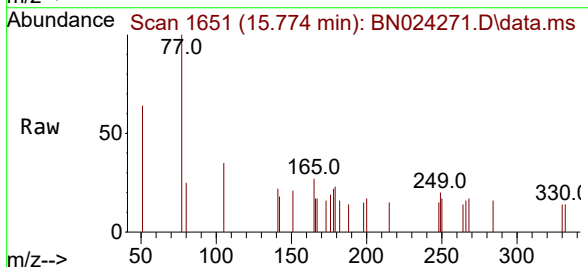
Tgt Ion:198 Resp: 7

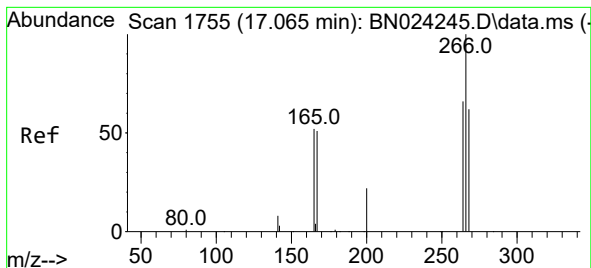
Ion Ratio Lower Upper

198 100

51 434.7 68.2 102.2#

105 236.7 51.6 77.4#





#24

Pentachlorophenol

Concen: 0.131 ng

RT: 17.065 min Scan# 1755

Delta R.T. 0.000 min

Lab File: BN024271.D

Acq: 14 Mar 2023 08:49

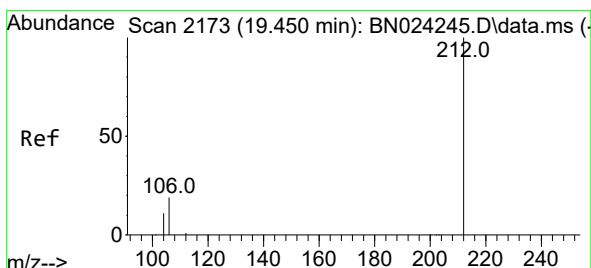
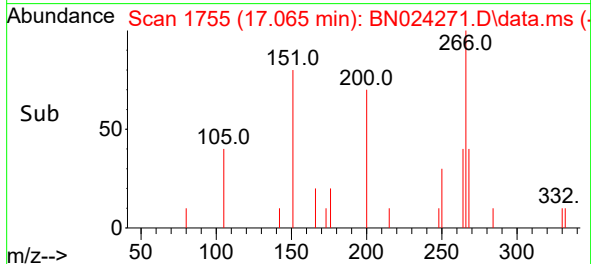
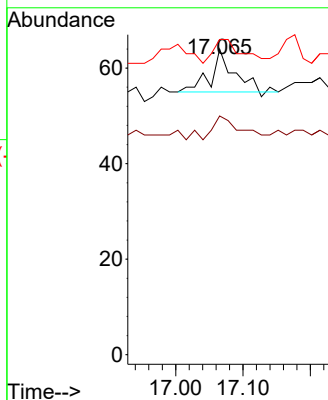
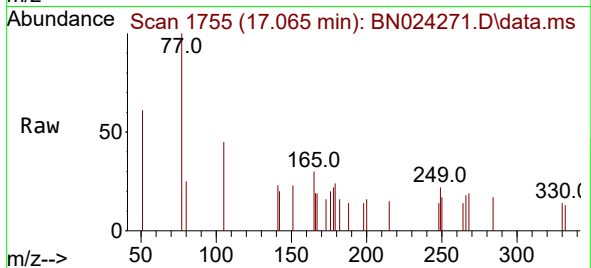
Instrument :

BNA_N

ClientSampleId :

RE132D3-20230306

Tgt Ion:	266	Resp:	22
Ion Ratio	Lower	Upper	
266	100		
264	72.7	51.1	76.7
268	63.6	52.2	78.4



#27

Fluoranthene-d10

Concen: 0.464 ng

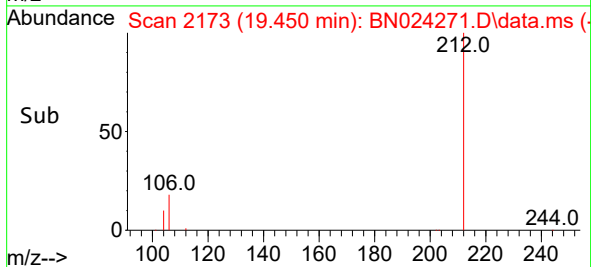
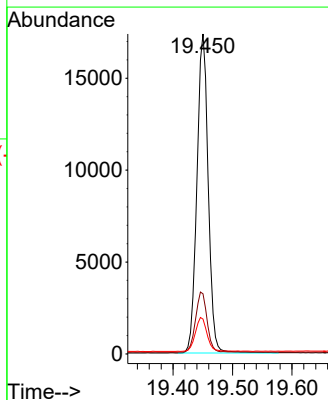
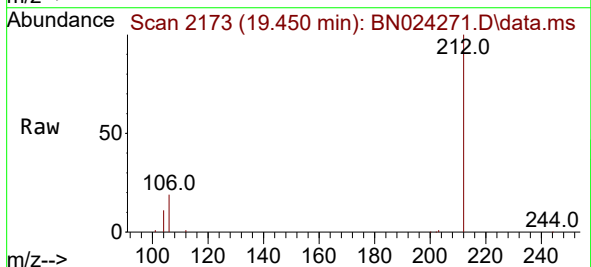
RT: 19.450 min Scan# 2173

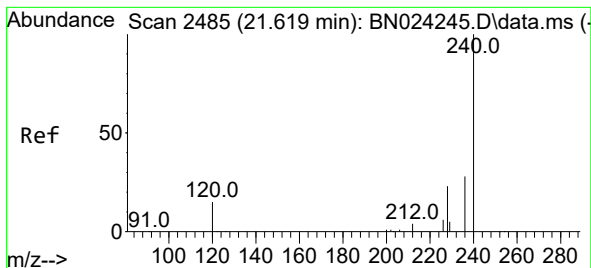
Delta R.T. 0.000 min

Lab File: BN024271.D

Acq: 14 Mar 2023 08:49

Tgt Ion:	212	Resp:	22842
Ion Ratio	Lower	Upper	
212	100		
106	19.3	15.4	23.2
104	11.0	8.6	13.0





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.610 min Scan# 2485

Delta R.T. -0.009 min

Lab File: BN024271.D

Acq: 14 Mar 2023 08:49

Instrument :

BNA_N

ClientSampleId :

RE132D3-20230306

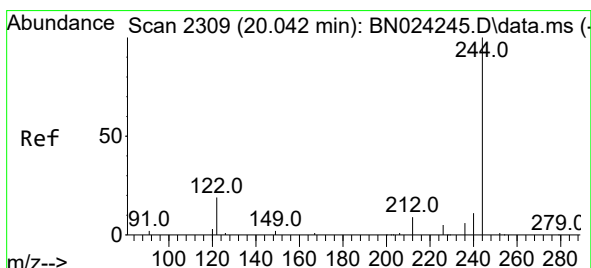
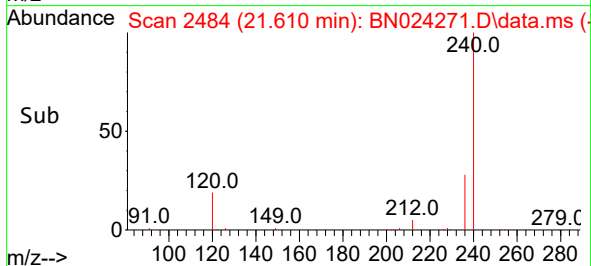
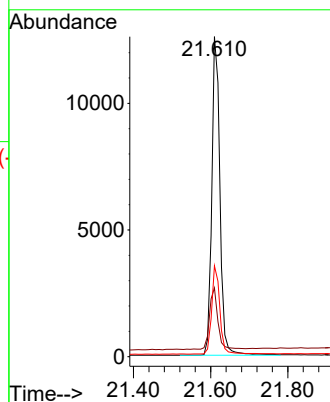
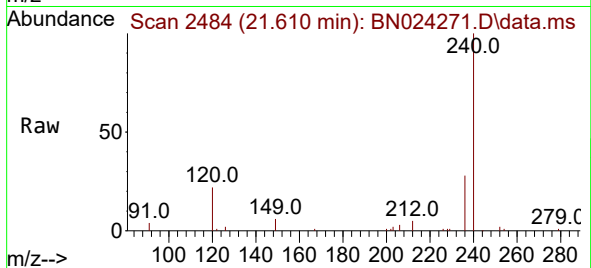
Tgt Ion:240 Resp: 18398

Ion Ratio Lower Upper

240 100

120 21.5 12.8 19.2#

236 28.4 22.5 33.7



#31

Terphenyl-d14

Concen: 0.452 ng

RT: 20.043 min Scan# 2309

Delta R.T. 0.000 min

Lab File: BN024271.D

Acq: 14 Mar 2023 08:49

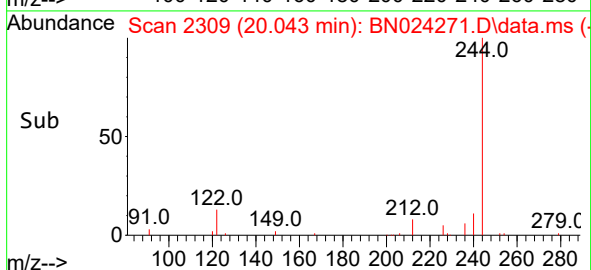
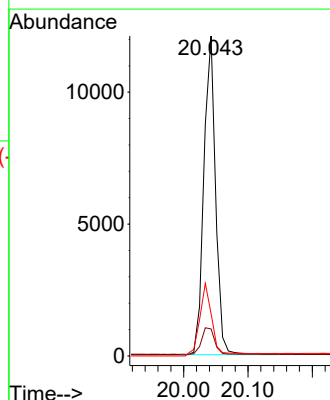
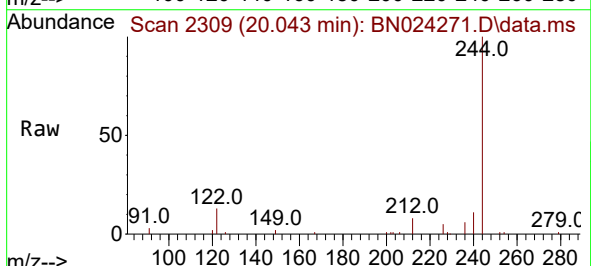
Tgt Ion:244 Resp: 14006

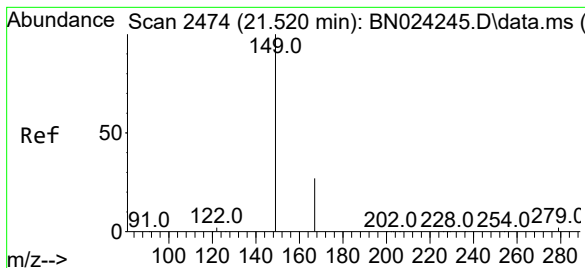
Ion Ratio Lower Upper

244 100

212 8.5 7.6 11.4

122 13.2 15.1 22.7#

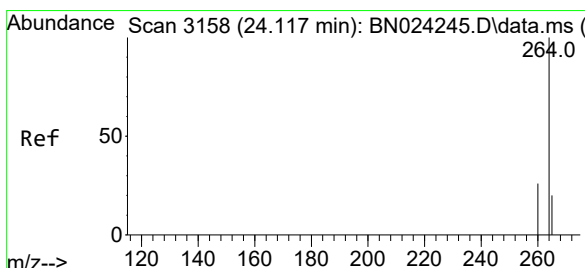
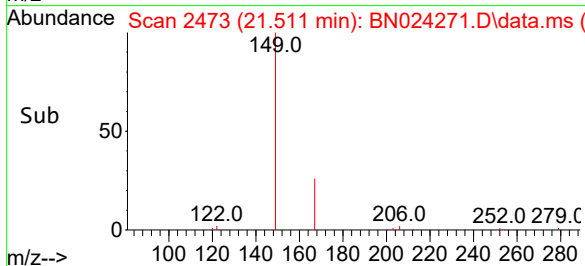
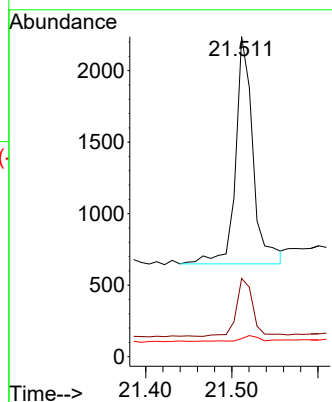
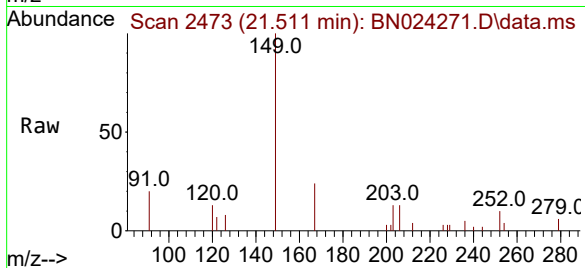




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.077 ng
 RT: 21.511 min Scan# 2473
 Delta R.T. -0.009 min
 Lab File: BN024271.D
 Acq: 14 Mar 2023 08:49

Instrument :
 BNA_N
 ClientSampleId :
 RE132D3-20230306

Tgt Ion:149 Resp: 2236
 Ion Ratio Lower Upper
 149 100
 167 24.3 21.2 31.8
 279 2.6 1.8 2.8



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.126 min Scan# 3161
 Delta R.T. 0.009 min
 Lab File: BN024271.D
 Acq: 14 Mar 2023 08:49

Tgt Ion:264 Resp: 16144
 Ion Ratio Lower Upper
 264 100
 260 26.8 21.4 32.2
 265 54.4 35.7 53.5#

